

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039038.D
 Acq On : 10 Jan 2019 2:21
 Operator : JU/SJ
 Sample : PB116262BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116262BS

Manual Integrations
 APPROVED

Quant Time: Jan 10 05:05:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20456	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	92996	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	70310	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	179639	20.00	ng	0.00
76) Chrysene-d12	21.70	240	178068	20.00	ng	0.00
87) Perylene-d12	24.98	264	188545	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	133369	123.68	ng	0.00
7) Phenol-d6	7.19	99	193474	124.67	ng	0.00
23) Nitrobenzene-d5	9.21	82	114270	67.24	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	119501	101.39	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	340666	66.31	ng	0.00
79) Terphenyl-d14	20.02	244	633643	65.83	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	10072	23.851	ng	96
3) Pyridine	3.86	79	27874	24.292	ng	94
4) n-Nitrosodimethylamine	3.78	42	18736	36.286	ng	94
6) Aniline	7.36	93	35147	18.858	ng	96
8) 2-Chlorophenol	7.59	128	50386	39.638	ng	92
9) Benzaldehyde	7.17	77	18437	20.601	ng	98
10) Phenol	7.21	94	62693	40.294	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	39387	33.122	ng	97
12) 1,3-Dichlorobenzene	7.91	146	46683	30.652	ng	92
13) 1,4-Dichlorobenzene	8.07	146	48505	31.447	ng	98
14) 1,2-Dichlorobenzene	8.38	146	48671	33.095	ng	96
15) Benzyl Alcohol	8.27	79	44865	38.389	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	77747	34.096	ng	98
17) 2-Methylphenol	8.47	107	44193	40.906	ng	95
18) Hexachloroethane	9.11	117	16582	31.644	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	34839	34.187	ng	92
20) 3+4-Methylphenols	8.80	107	61001	39.603	ng	99
22) Acetophenone	8.86	105	72227	29.740	ng	# 93
24) Nitrobenzene	9.25	77	53519	31.155	ng	95
25) Isophorone	9.76	82	105312	35.974	ng	99
26) 2-Nitrophenol	9.96	139	30383	32.700	ng	95
27) 2,4-Dimethylphenol	10.01	122	51690	39.542	ng	92
28) bis(2-Chloroethoxy)methane	10.25	93	58495	33.247	ng	98
29) 2,4-Dichlorophenol	10.50	162	60556	37.289	ng	95
30) 1,2,4-Trichlorobenzene	10.70	180	58836	30.153	ng	97
31) Naphthalene	10.90	128	157249	33.714	ng	99
32) Benzoic acid	10.17	122	22822m	32.247	ng	
33) 4-Chloroaniline	11.02	127	29381	14.078	ng	97
34) Hexachlorobutadiene	11.16	225	38775	28.880	ng	98
35) Caprolactam	11.79	113	19809m	30.419	ng	
36) 4-Chloro-3-methylphenol	12.13	107	61690	35.517	ng	95
37) 2-Methylnaphthalene	12.50	142	125374	35.853	ng	99
38) 1-Methylnaphthalene	12.72	142	118382	35.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	80779	30.592	ng	98

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Manual Integrations
 APPROVED

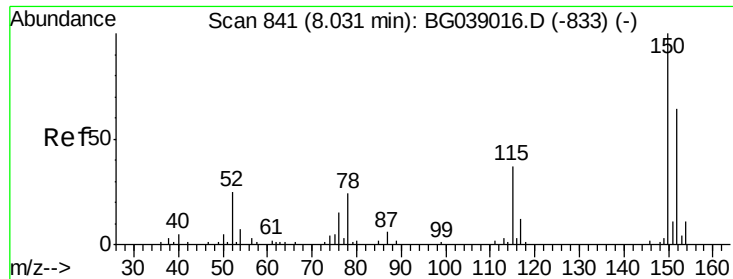
Quant Time: Jan 10 05:05:36 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	88302	60.854	ng	98
43) 2,4,6-Trichlorophenol	13.11	196	56978	34.285	ng	98
44) 2,4,5-Trichlorophenol	13.18	196	60422	34.399	ng	96
46) 1,1'-Biphenyl	13.50	154	172822	31.021	ng	97
47) 2-Chloronaphthalene	13.55	162	140091	31.073	ng	99
48) 2-Nitroaniline	13.77	65	42201	33.412	ng	92
49) Acenaphthylene	14.40	152	231589	34.176	ng	99
50) Dimethylphthalate	14.12	163	192943	32.474	ng	99
51) 2,6-Dinitrotoluene	14.25	165	43786	32.962	ng	98
52) Acenaphthene	14.74	154	131872	32.390	ng	97
53) 3-Nitroaniline	14.59	138	21742	16.134	ng	93
54) 2,4-Dinitrophenol	14.80	184	50594	64.802	ng	95
55) Dibenzofuran	15.07	168	233206	32.432	ng	100
56) 4-Nitrophenol	14.90	139	64825	66.858	ng	97
57) 2,4-Dinitrotoluene	15.04	165	62382	32.733	ng	96
58) Fluorene	15.72	166	185667	34.303	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	58830	35.481	ng	97
60) Diethylphthalate	15.48	149	198522	32.430	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	105221	30.857	ng	97
62) 4-Nitroaniline	15.76	138	42532	30.298	ng	93
63) Azobenzene	16.00	77	153015	31.963	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	38950	29.267	ng	97
66) n-Nitrosodiphenylamine	15.92	169	171213	32.150	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	71412	30.925	ng	97
68) Hexachlorobenzene	16.72	284	77741	30.853	ng	98
69) Atrazine	16.87	200	68803	30.413	ng	94
70) Pentachlorophenol	17.07	266	85897	56.974	ng	98
71) Phenanthrene	17.46	178	323856	34.108	ng	98
72) Anthracene	17.56	178	327418	34.876	ng	100
73) Carbazole	17.83	167	283748	30.616	ng	99
74) Di-n-butylphthalate	18.36	149	326000	31.619	ng	100
75) Fluoranthene	19.47	202	391506	33.260	ng	99
77) Benzidine	19.66	184	96454	17.710	ng	99
78) Pyrene	19.83	202	391865	34.531	ng	99
80) Butylbenzylphthalate	20.70	149	143732	33.301	ng	97
81) Benzo(a)anthracene	21.68	228	378388	34.907	ng	100
82) 3,3'-Dichlorobenzidine	21.59	252	74364	16.837	ng	100
83) Chrysene	21.74	228	349474	33.898	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	198815	33.175	ng	98
85) Di-n-octyl phthalate	22.77	149	346892	34.232	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	442392	35.911	ng	99
88) Benzo(b)fluoranthene	23.93	252	384046	36.940	ng	99
89) Benzo(k)fluoranthene	24.00	252	366337	35.639	ng	100
90) Benzo(a)pyrene	24.82	252	370209	36.841	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	365103	36.527	ng	100
92) Benzo(g,h,i)perylene	29.93	276	365142	36.901	ng	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed



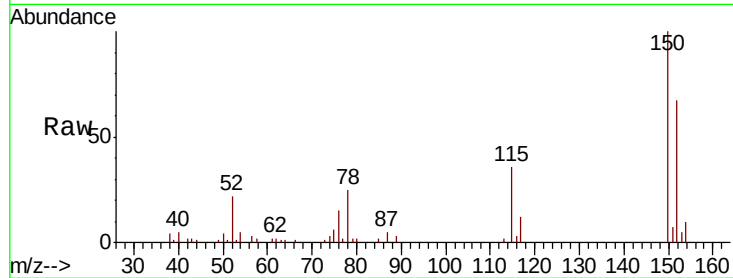
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

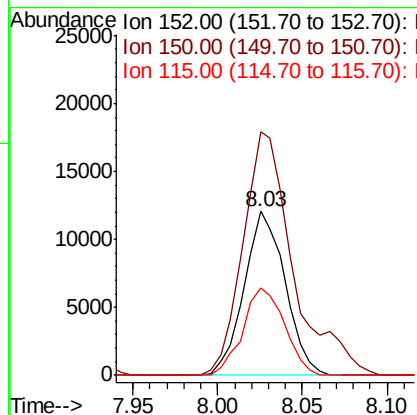
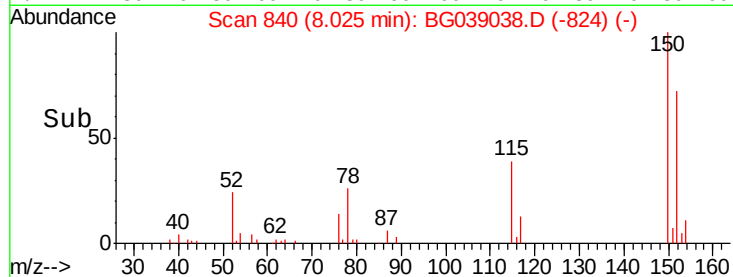
Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.5	124.7	187.1
115	53.7	46.5	69.7

Manual Integrations
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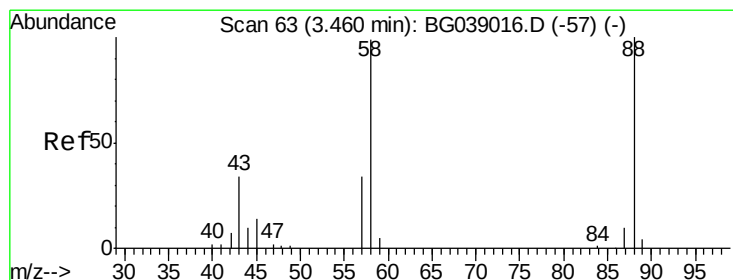


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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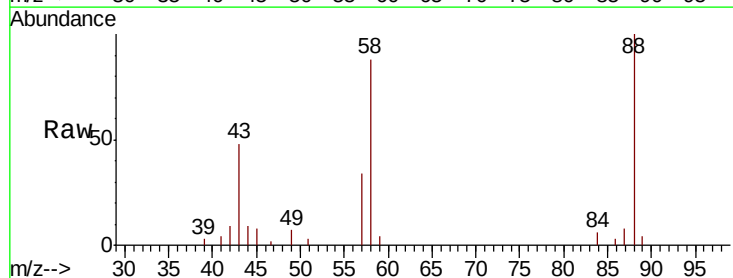
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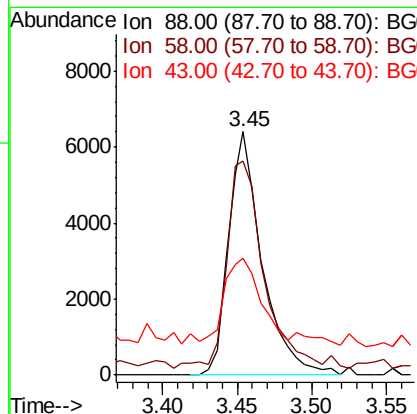
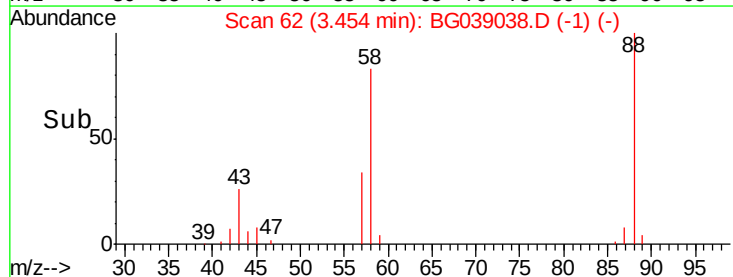
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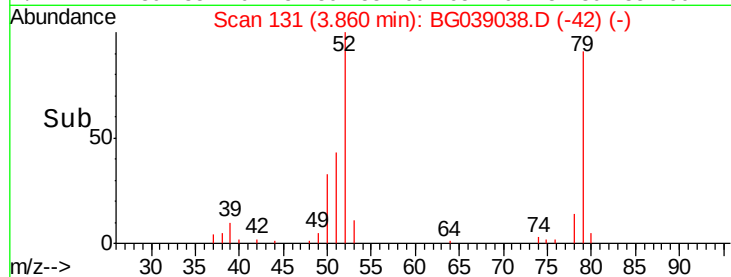
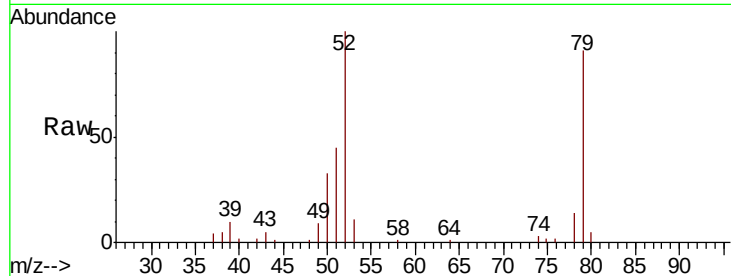
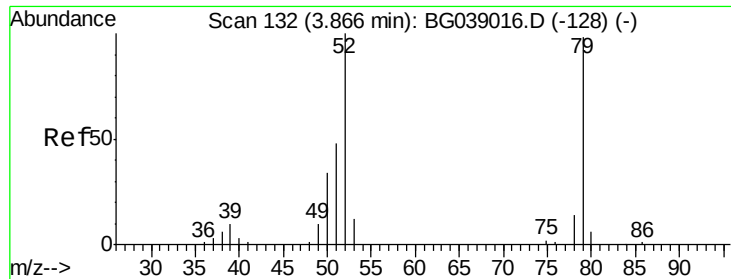
1,4-Dioxane
Concen: 23.851 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.1	72.4	108.6
43	35.3	27.6	41.4



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC



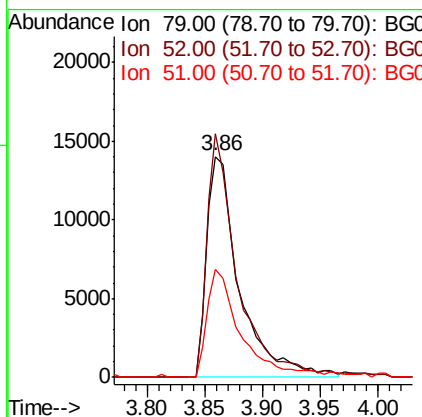


#3
 Pvridine
 Concen: 24.292 ng
 RT: 3.86 min Scan# 131
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	110.1	81.5	122.3
51	49.0	39.8	59.6

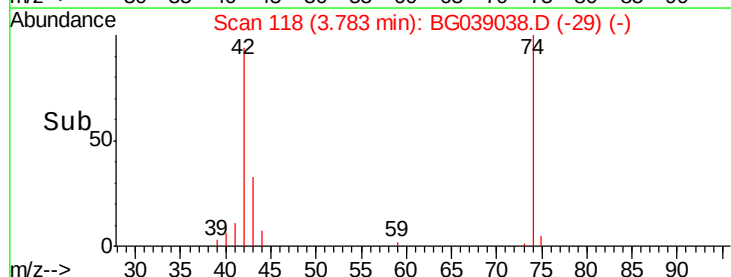
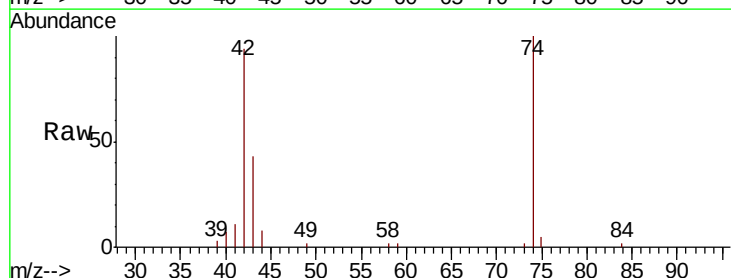
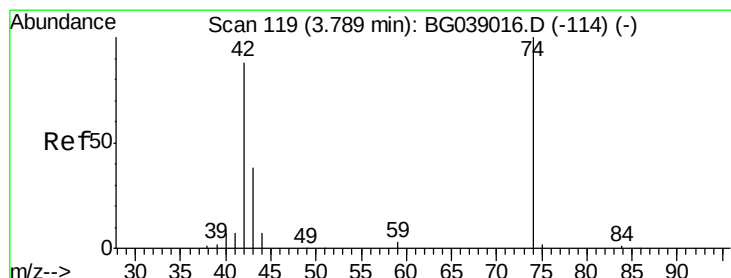
Instrument :
 BNA_G
 ClientSampleId :
 PB116262BS

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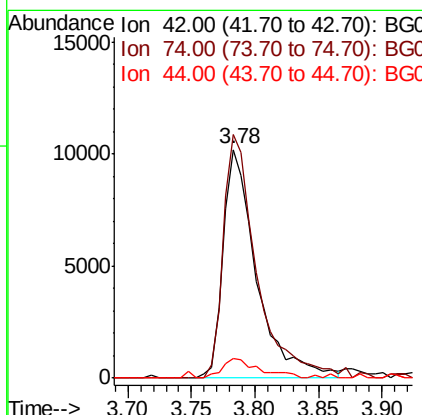
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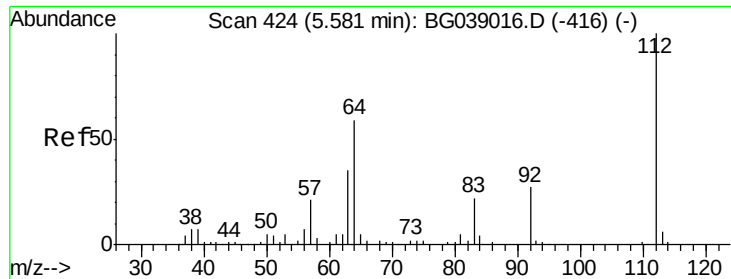
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#4
 n-Nitrosodimethylamine
 Concen: 36.286 ng
 RT: 3.78 min Scan# 118
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	106.7	90.7	136.1
44	8.8	6.5	9.7





#5

2-Fluorophenol

Concen: 123.679 ng

RT: 5.58 min Scan# 424

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

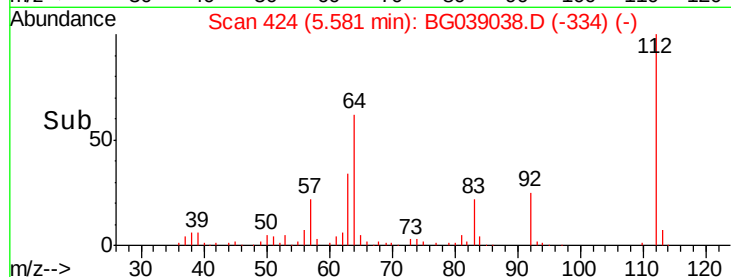
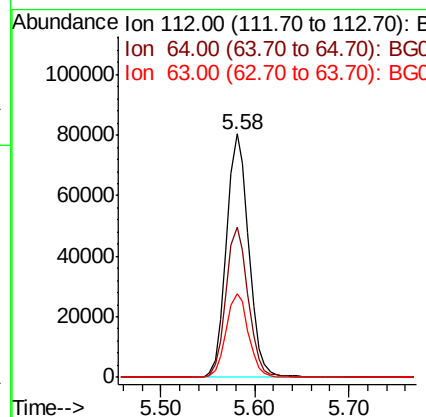
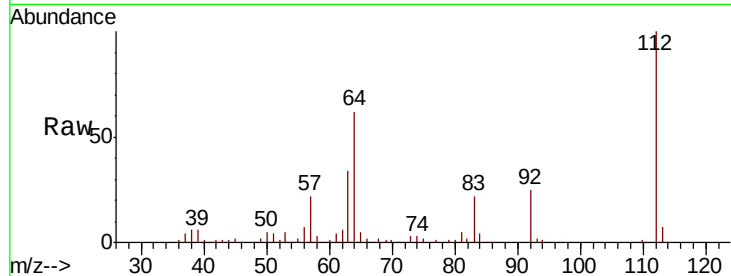
BNA_G

ClientSampled :

PB116262BS

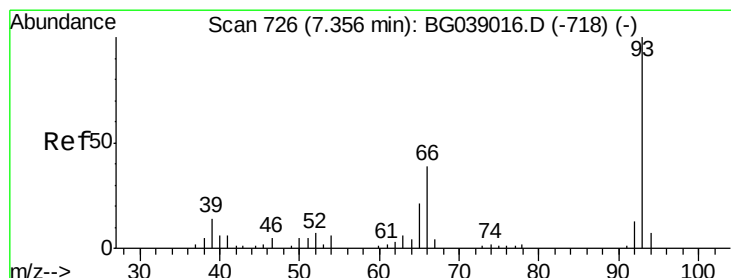
Tot Ion:	112	Resp:	133369
Ion Ratio	Lower	Upper	
112	100		
64	61.7	47.0	70.6
63	34.4	28.0	42.0

Manual Integrations
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#6

Aniline

Concen: 18.858 ng

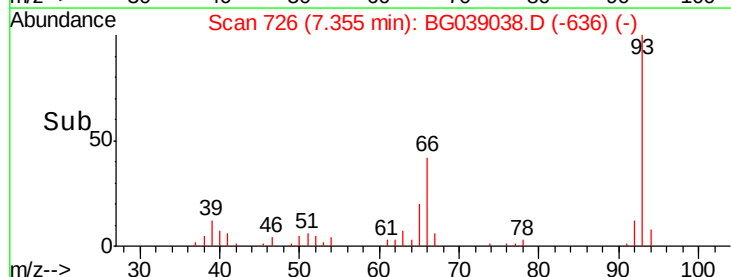
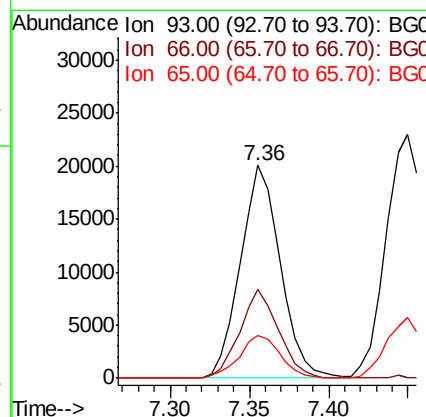
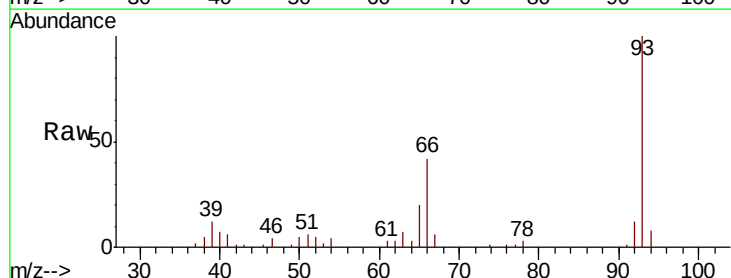
RT: 7.36 min Scan# 726

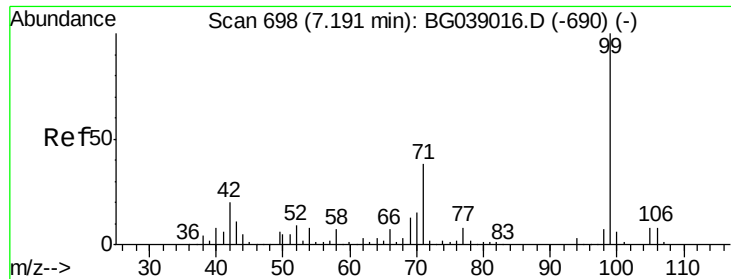
Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion:	93	Resp:	35147
Ion Ratio	Lower	Upper	
93	100		
66	41.8	30.9	46.3
65	20.1	17.0	25.4





#7

Phenol-d6

Concen: 124.671 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

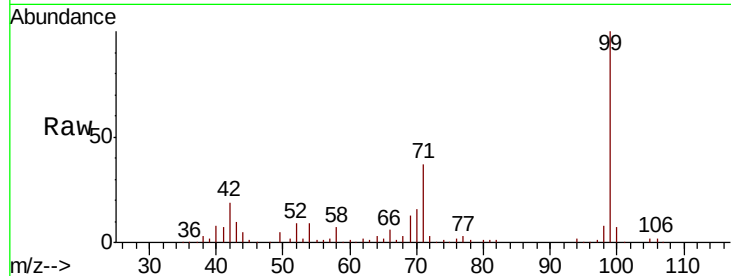
BNA_G

ClientSampled :

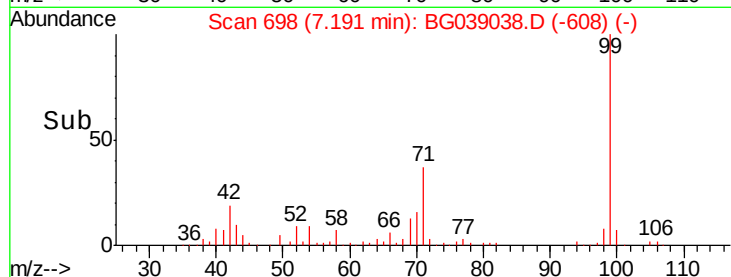
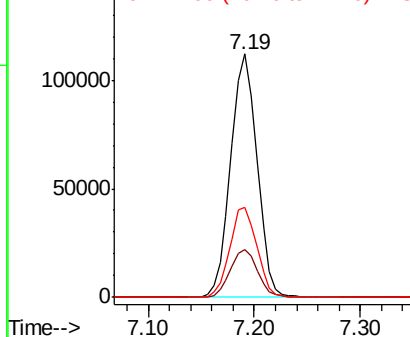
PB116262BS

Tot Ion:	99	Resp:	193474
Ion Ratio	Lower	Upper	
99	100		
42	19.5	15.8	23.6
71	37.1	30.2	45.4

Manual Integrations
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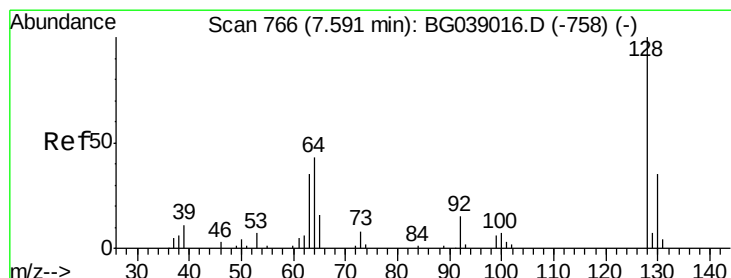


Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



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#8

2-Chlorophenol

Concen: 39.638 ng

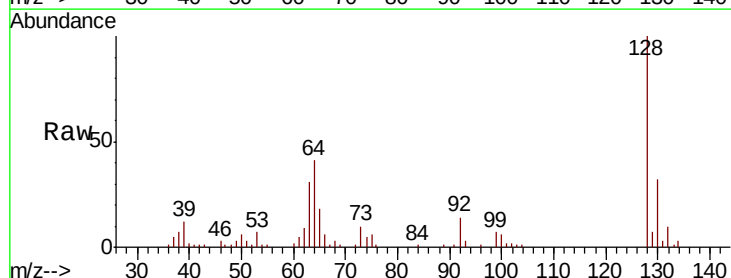
RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

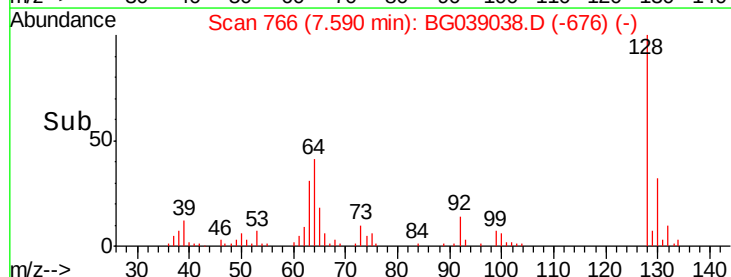
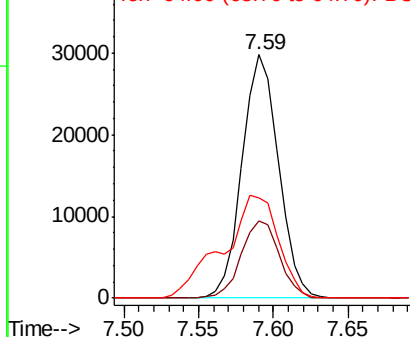
Lab File: BG039038.D

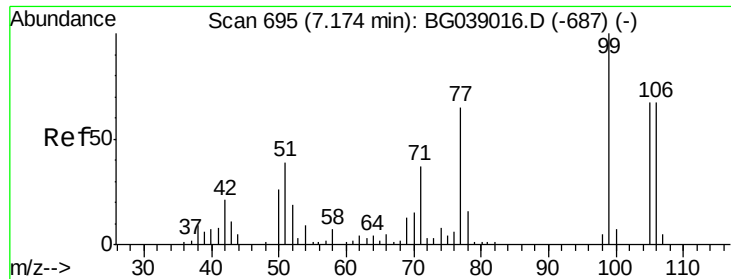
Acq: 10 Jan 2019 2:21

Tgt Ion:	128	Resp:	50386
Ion Ratio	Lower	Upper	
128	100		
130	31.5	14.5	54.5
64	41.1	27.3	67.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 20.601 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

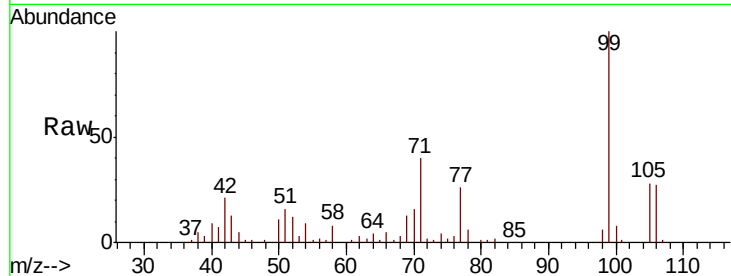
BNA_G

ClientSampled :

PB116262BS

Tot Ion:	77	Resp:	18437
Ion	Ratio	Lower	Upper
77	100		
105	105.5	82.4	122.4
106	103.6	82.8	122.8

Manual Integrations
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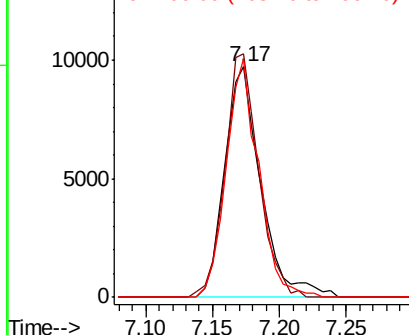


Abundance

Ion 77.00 (76.70 to 77.70): BGC

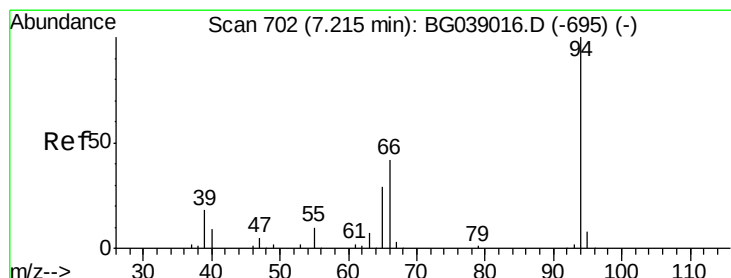
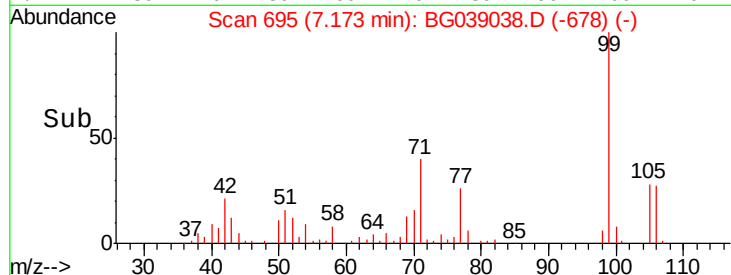
Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



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#10

Phenol

Concen: 40.294 ng

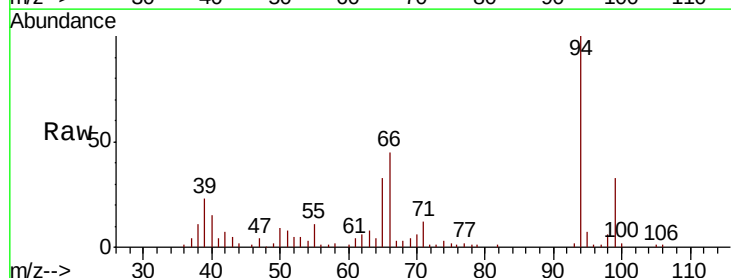
RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion:	94	Resp:	62693
Ion	Ratio	Lower	Upper
94	100		
65	33.0	10.3	50.3
66	45.5	25.1	65.1

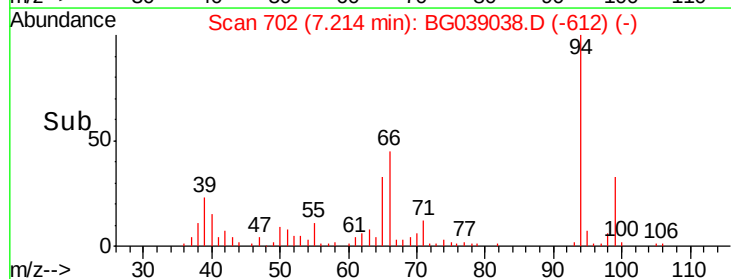
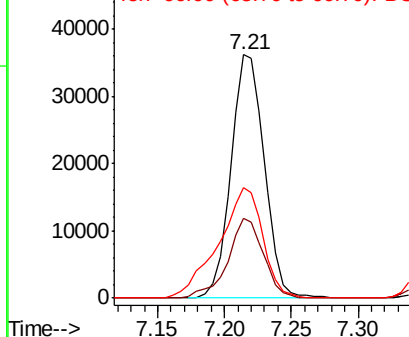


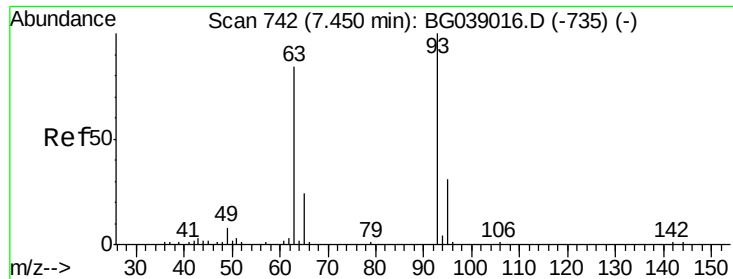
Abundance

Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



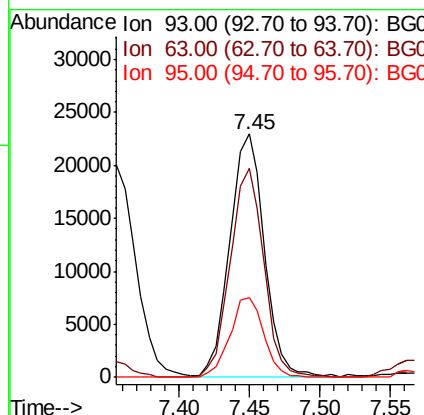
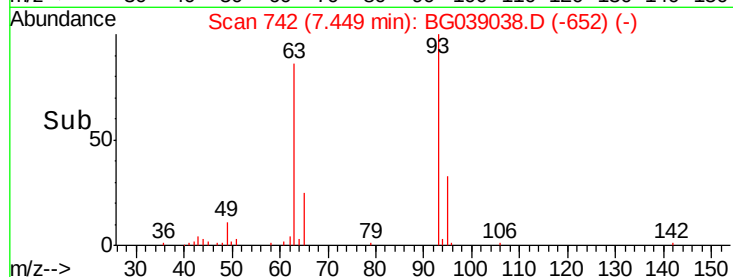
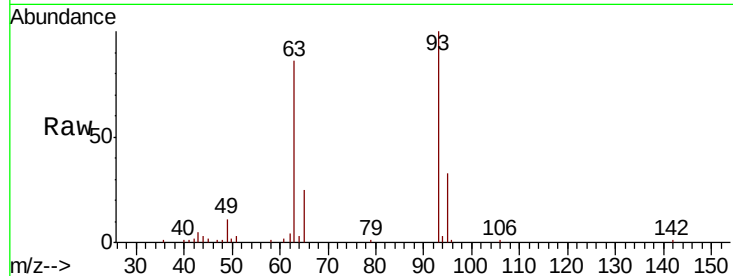


#11
bis(2-Chloroethyl)ether
Concen: 33.122 ng
RT: 7.45 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

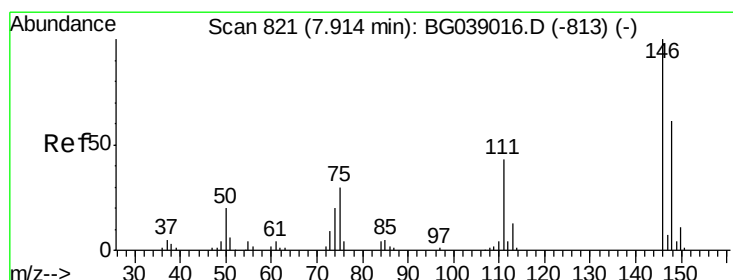
Tot Ion	Ratio	Lower	Upper
93	100		
63	85.8	63.2	103.2
95	32.6	11.2	51.2

Manual Integrations
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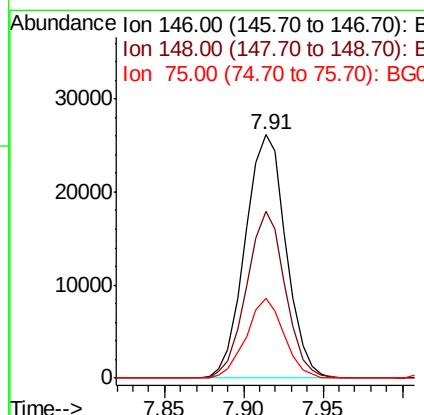
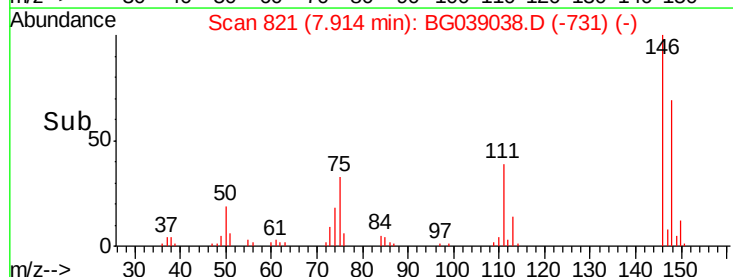
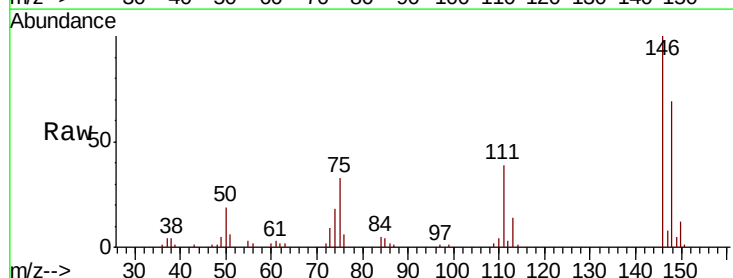
Sohil

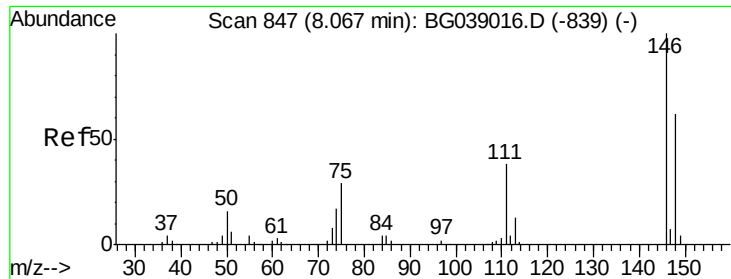
1/10/2019 3:15:26 PM



#12
1,3-Dichlorobenzene
Concen: 30.652 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.5	49.1	73.7
75	32.9	23.9	35.9



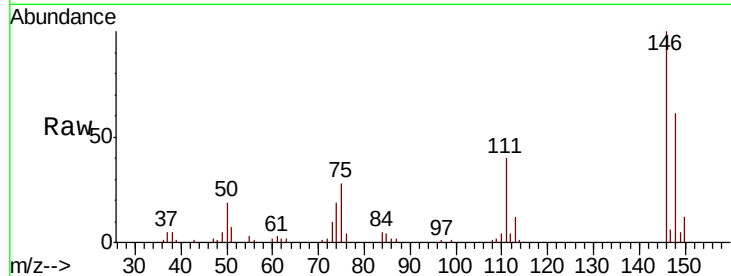


#13
1,4-Dichlorobenzene
Concen: 31.447 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	49.8	74.6
111	40.0	30.6	45.8

Manual Integrations
APPROVED

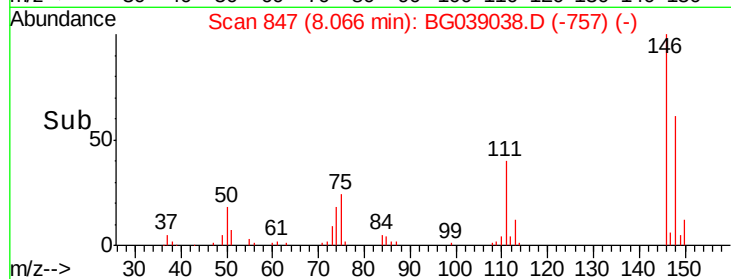
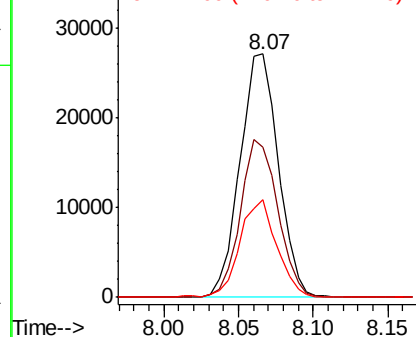


Abundance

Ion 146.00 (145.70 to 146.70): E

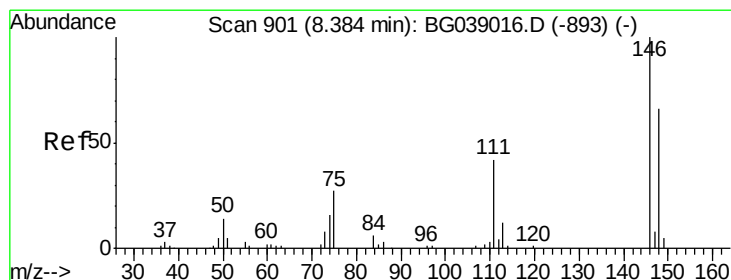
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



Sohil

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#14
1,2-Dichlorobenzene
Concen: 33.095 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

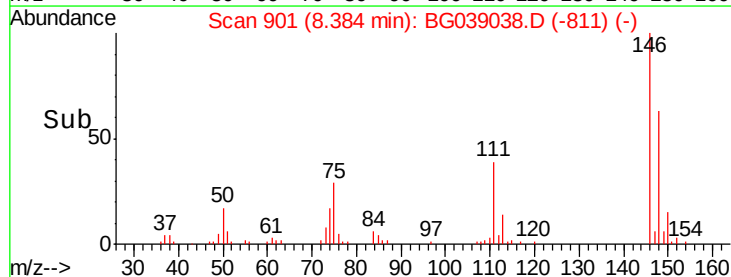
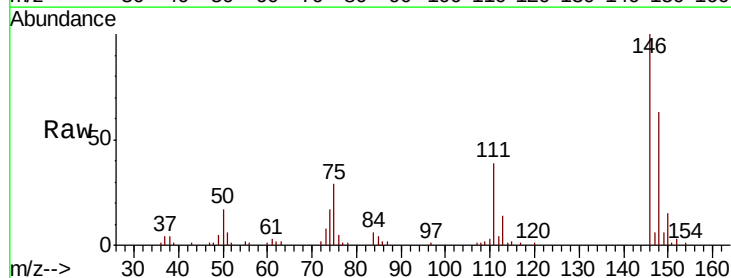
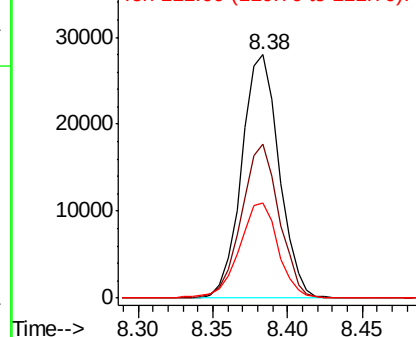
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.6	79.0
111	39.2	34.6	51.8

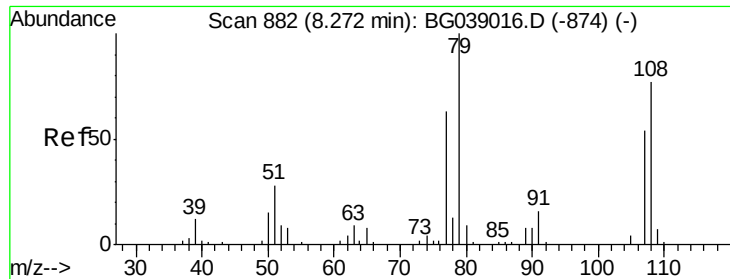
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



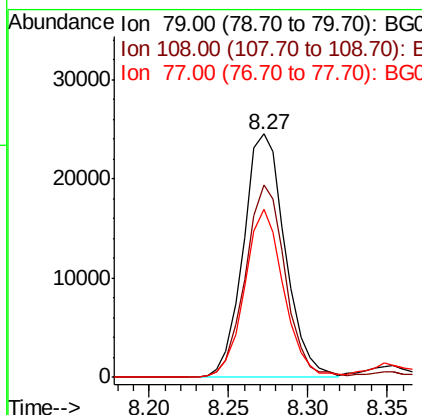
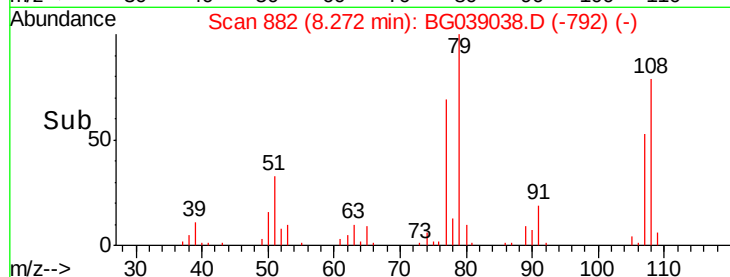
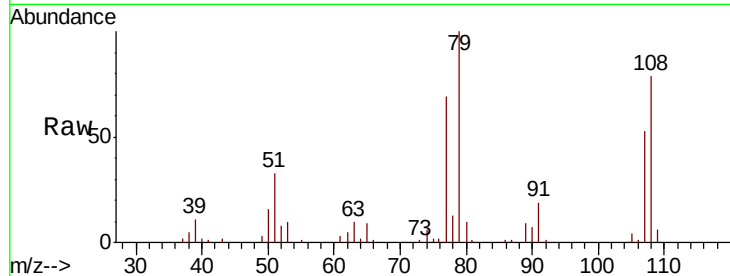


#15
Benzyl Alcohol
Concen: 38.389 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

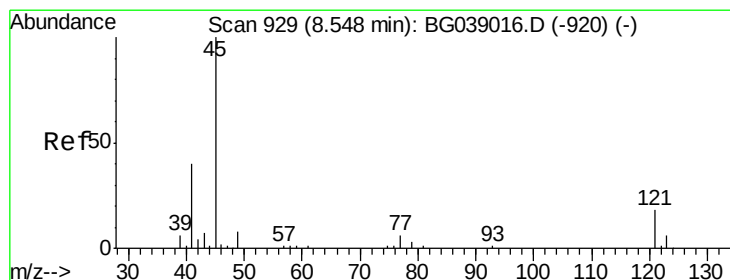
Tot Ion	Ratio	Lower	Upper
79	100		
108	78.9	62.0	93.0
77	68.9	50.1	75.1

Manual Integrations
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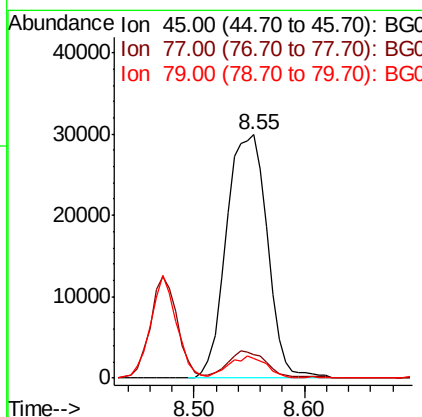
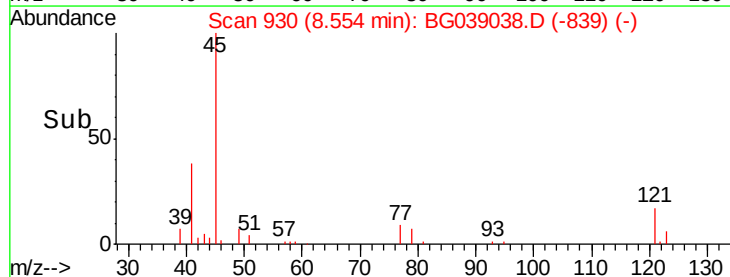
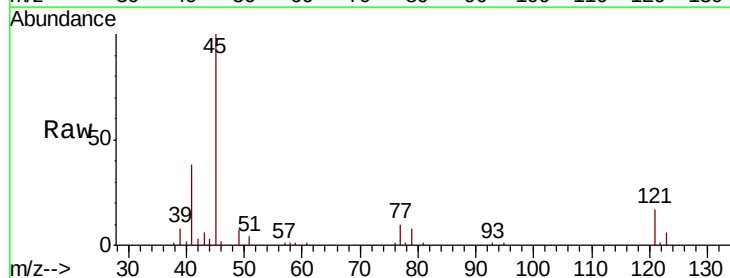
Sohil

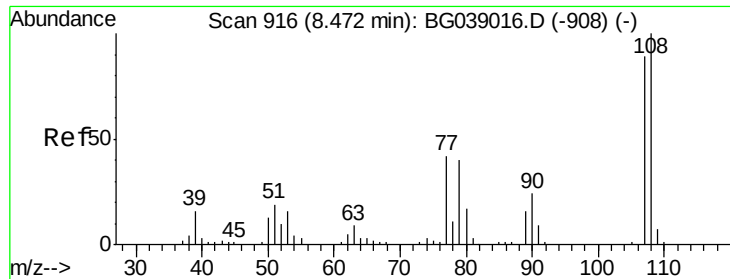
1/10/2019 3:15:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.096 ng
RT: 8.55 min Scan# 930
Delta R.T. 0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.9	0.0	30.7
79	8.1	0.0	28.5



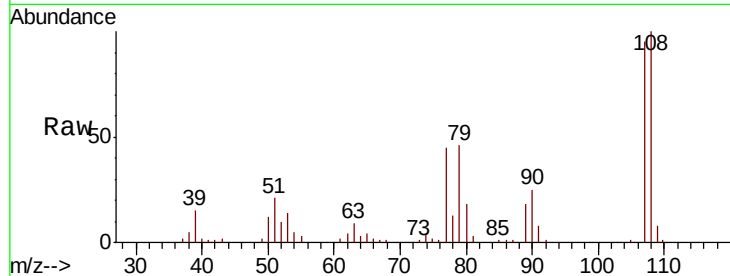


#17
2-Methylphenol
Concen: 40.906 ng
RT: 8.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.7	90.3	135.5
77	47.9	38.3	57.5
79	48.3	35.8	53.6

Manual Integrations
APPROVED



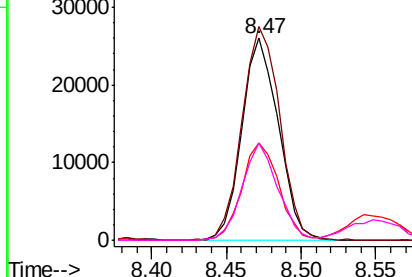
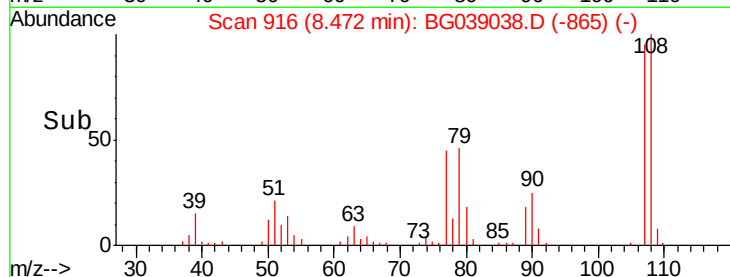
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

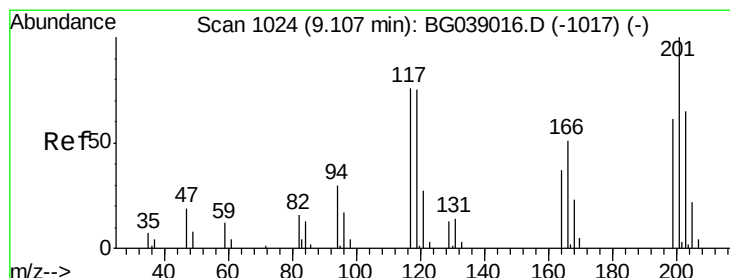
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



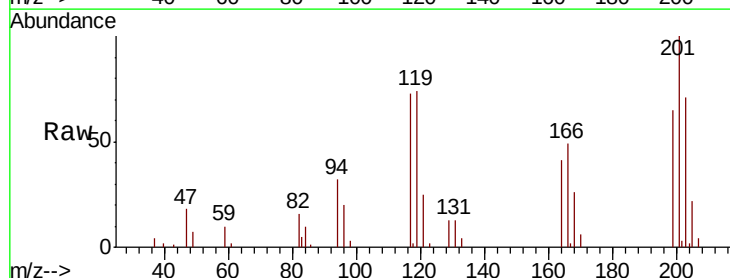
Sohil

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#18
Hexachloroethane
Concen: 31.644 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.7	78.7	118.1
201	142.6	108.1	162.1

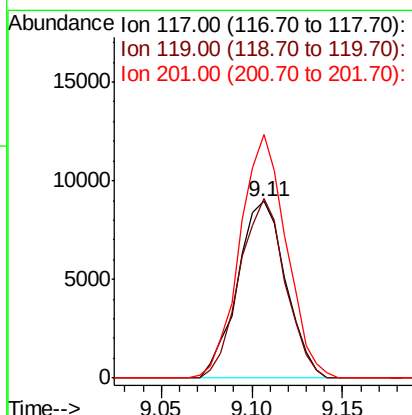
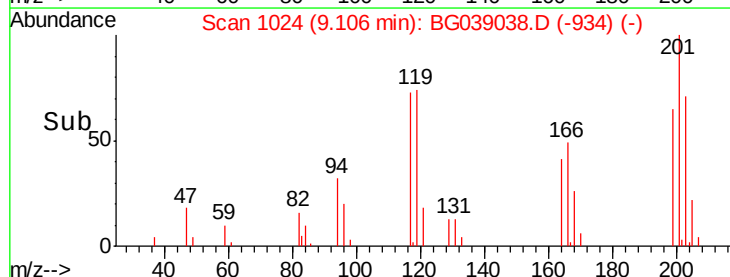


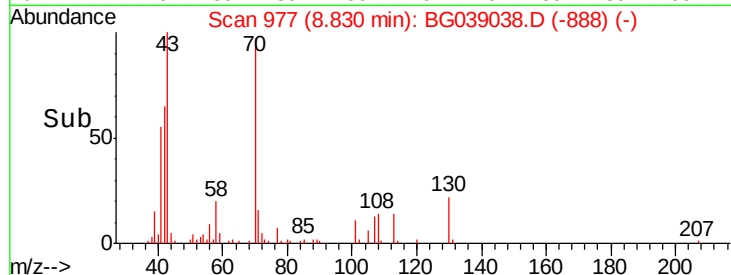
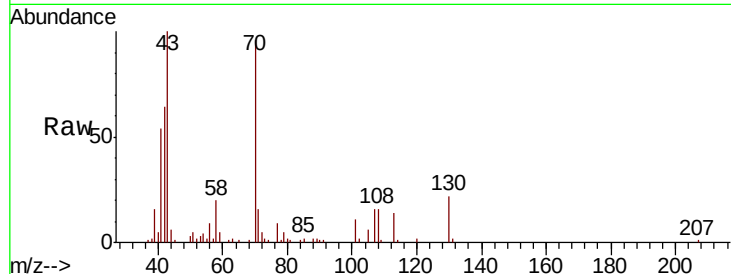
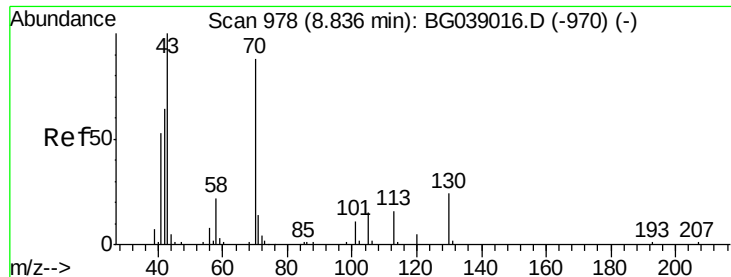
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

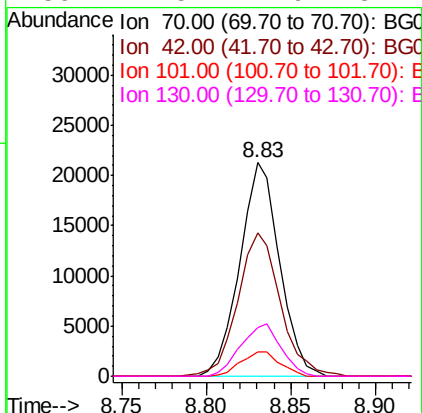
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.187 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	66.9	59.0	88.4		
101	11.7	10.4	15.6		
130	22.5	21.6	32.4		

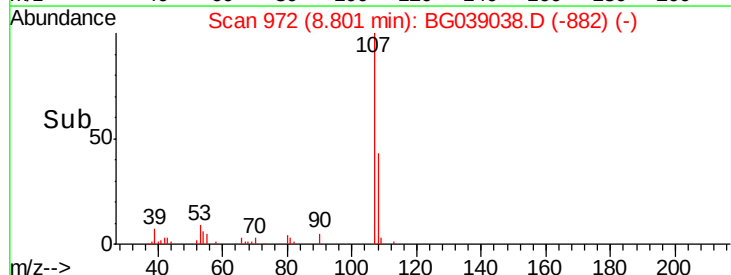
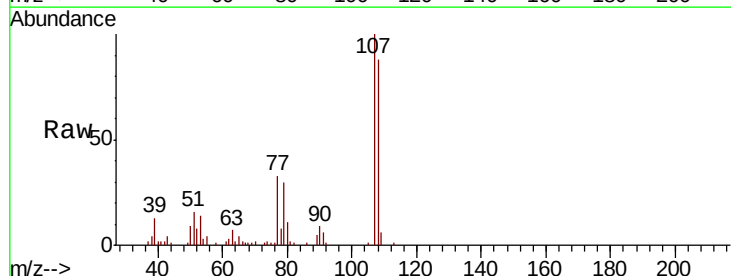
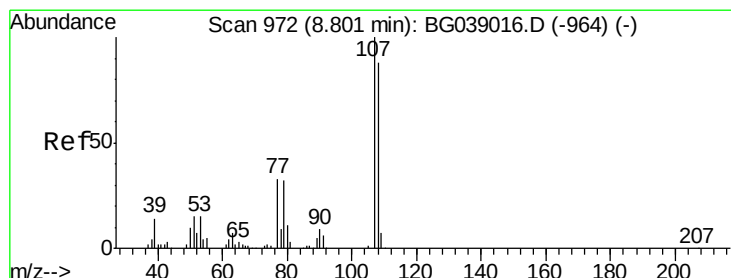


Instrument :
BNA_G
ClientSampleId :
PB116262BS

Manual Integrations
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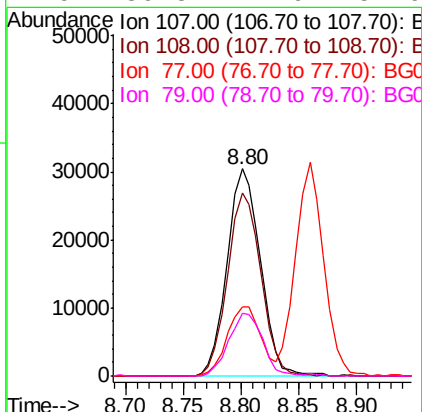
Sohil

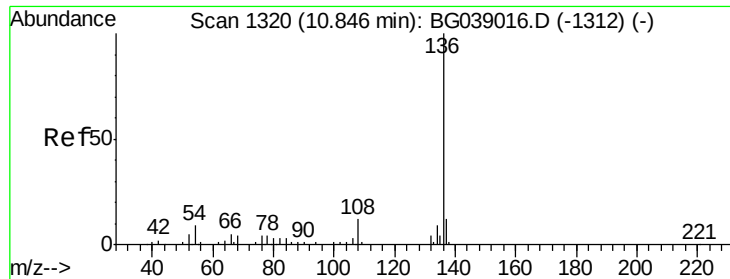
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#20
3+4-Methylphenols
Concen: 39.603 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.2	68.4	108.4		
77	33.5	13.3	53.3		
79	30.3	11.6	51.6		



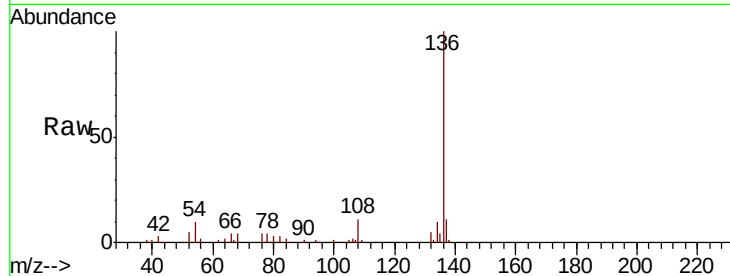


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.4	14.2	
54	9.6	7.2	10.8	
68	4.2	3.5	5.3	

Manual Integrations
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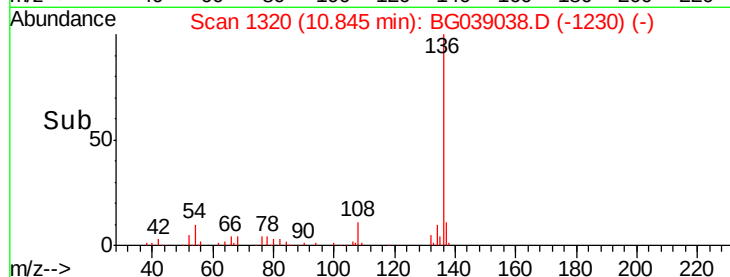
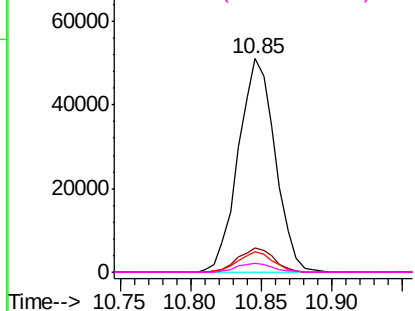
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

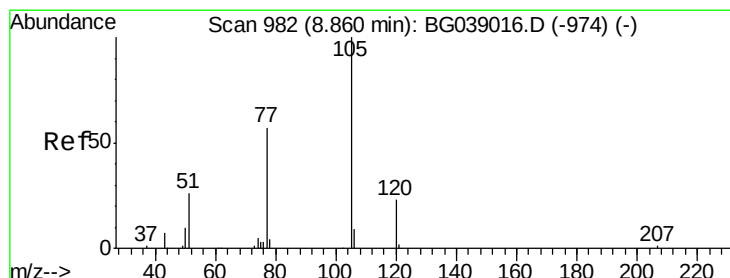
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



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#22
Acetophenone
Concen: 29.740 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.6	1.0#	
51	28.9	26.6	39.8	
120	26.0	17.9	26.9	

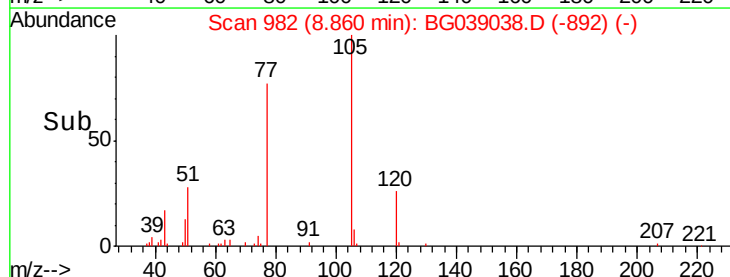
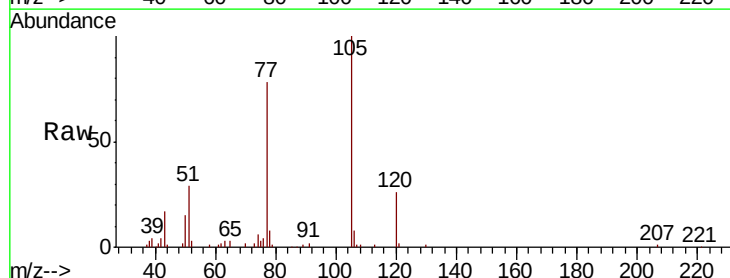
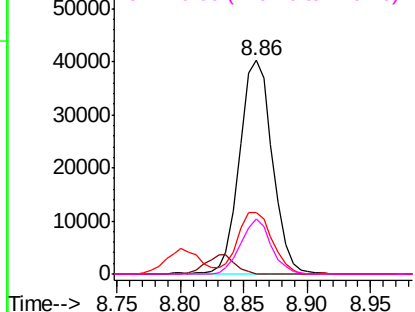
Abundance

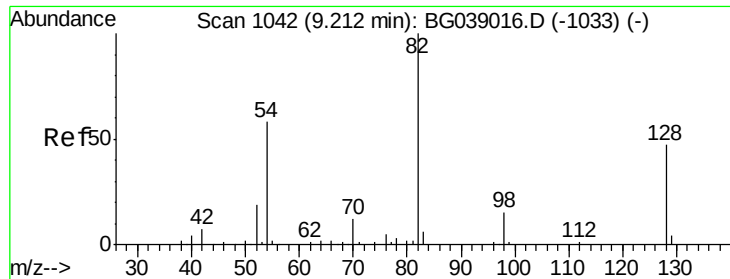
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



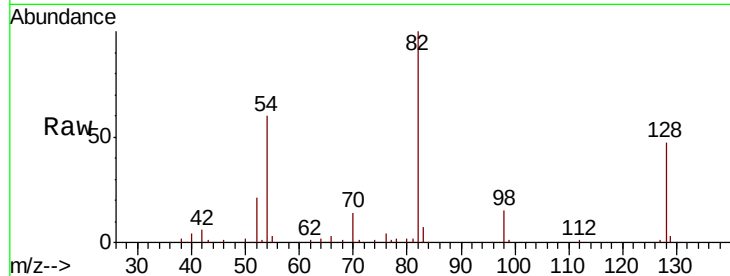


#23
Nitrobenzene-d5
Concen: 67.237 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	37.3	55.9
54	59.9	46.4	69.6

Manual Integrations
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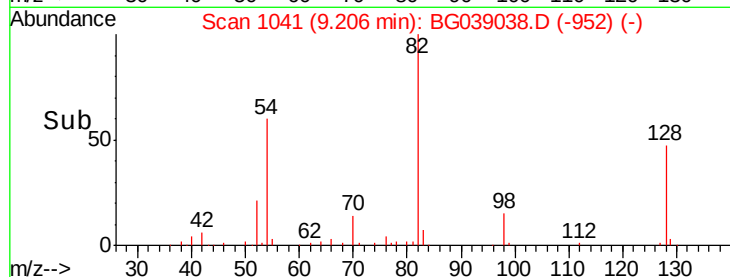
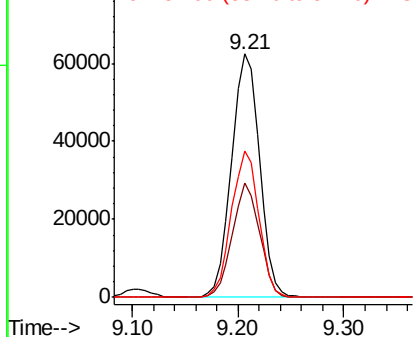


Abundance

Ion 82.00 (81.70 to 82.70): BGC

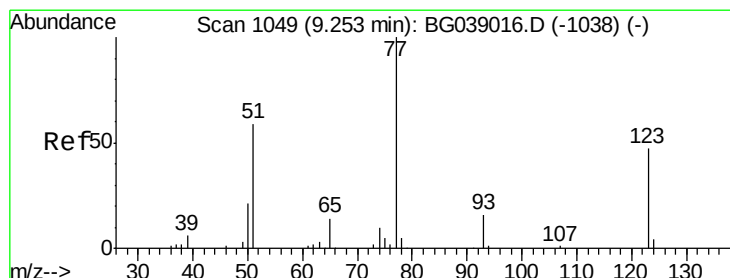
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



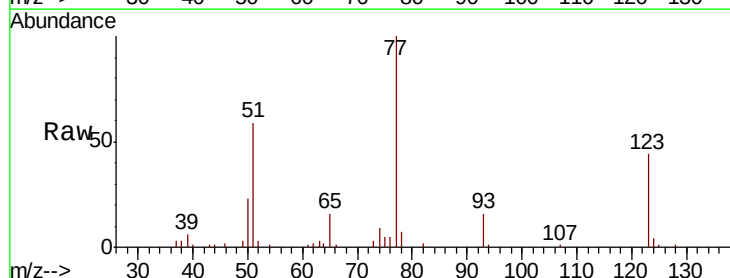
Sohil

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#24
Nitrobenzene
Concen: 31.155 ng
RT: 9.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.0	37.6	56.4
65	16.1	11.0	16.6

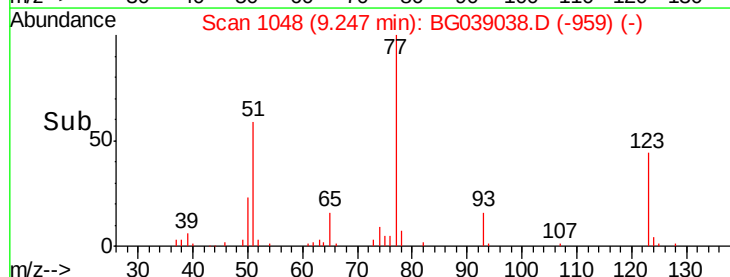
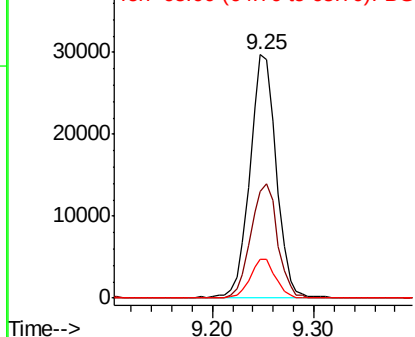


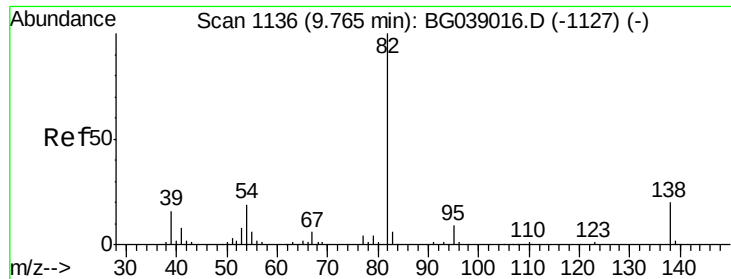
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC



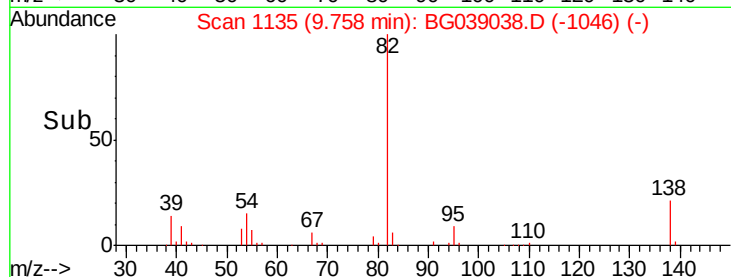
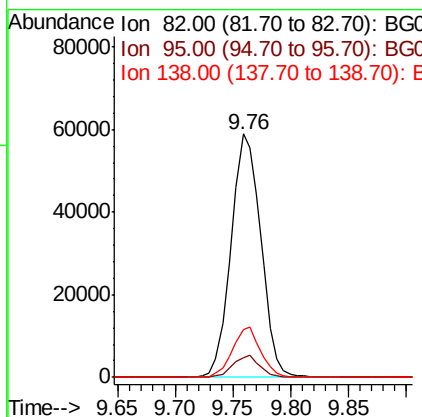
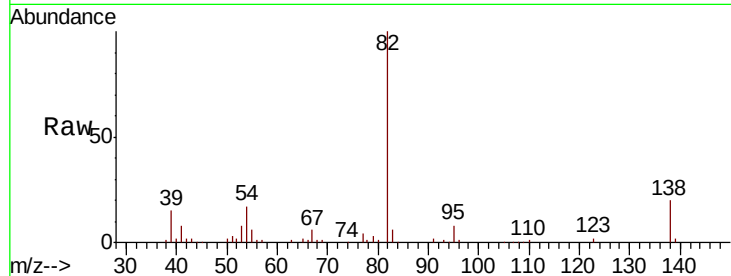


#25
Isophorone
Concen: 35.974 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

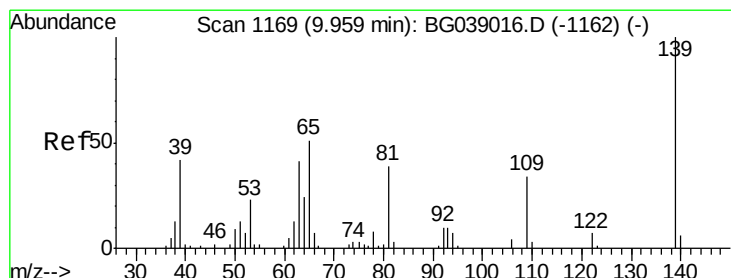
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.3	7.0	10.6	
138	19.9	16.2	24.4	

Manual Integrations
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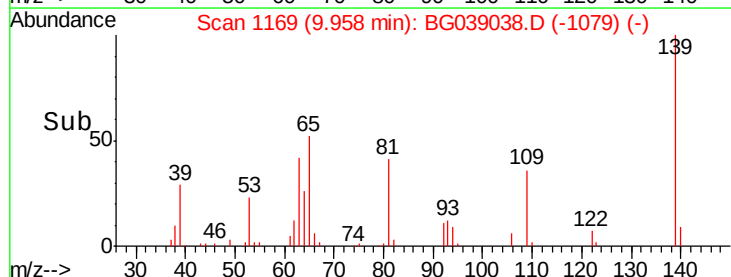
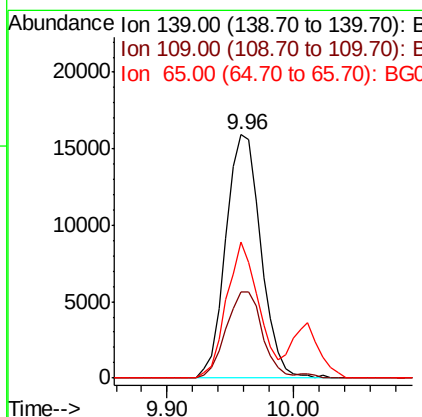
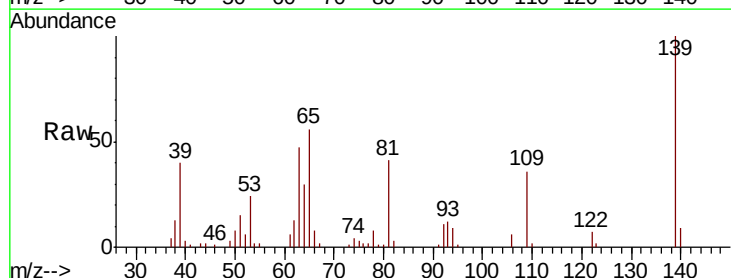
Sohil

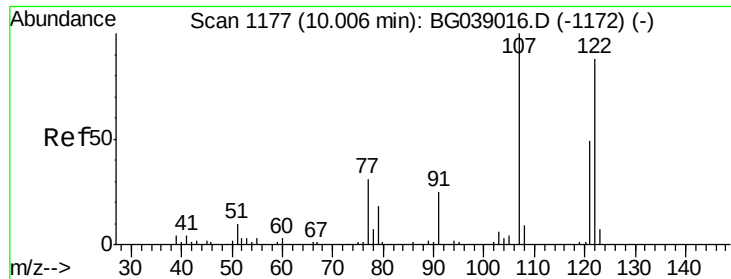
1/10/2019 3:15:26 PM



#26
2-Nitrophenol
Concen: 32.700 ng
RT: 9.96 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	35.6	27.3	40.9	
65	55.6	40.6	61.0	





#27

2,4-Dimethylphenol

Concen: 39.542 ng

RT: 10.01 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

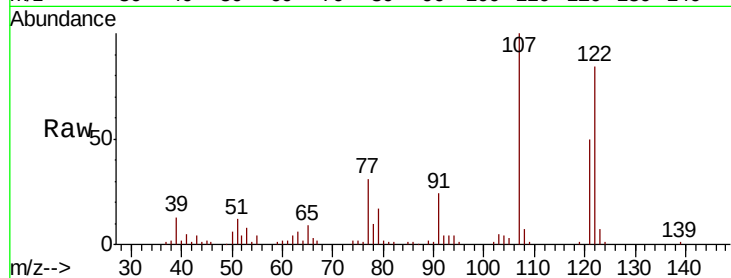
BNA_G

ClientSampleId :

PB116262BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	88.8	133.2
121	60.0	43.1	64.7

Manual Integrations
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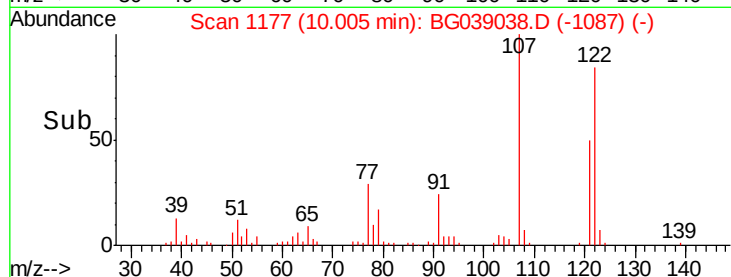
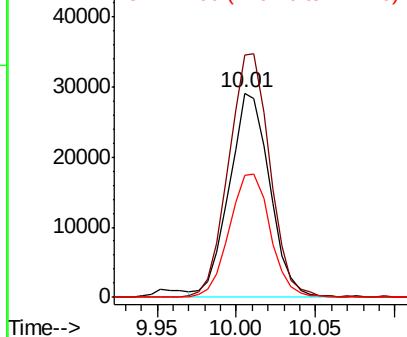


Abundance

Ion 122.00 (121.70 to 122.70): E

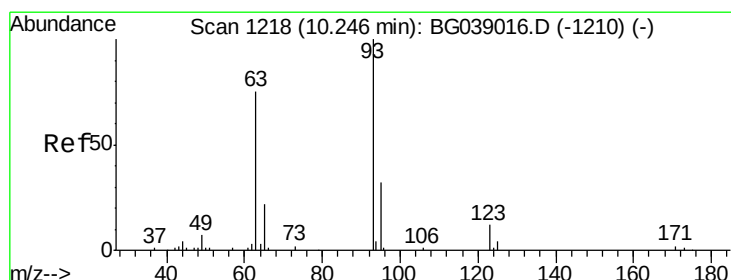
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



Sohil

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#28

bis(2-Chloroethoxy)methane

Concen: 33.247 ng

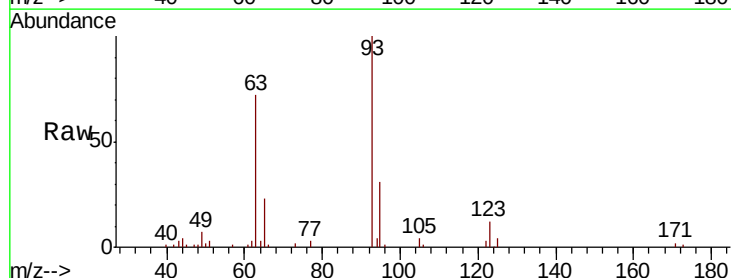
RT: 10.25 min Scan# 1218

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.6	38.4
123	12.3	10.1	15.1

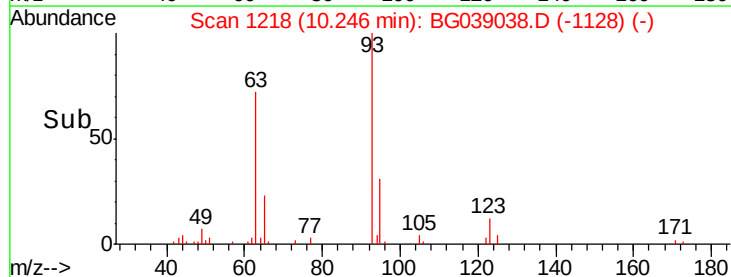
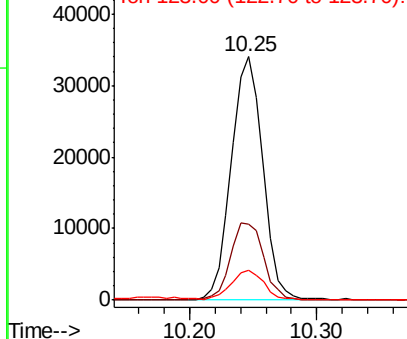


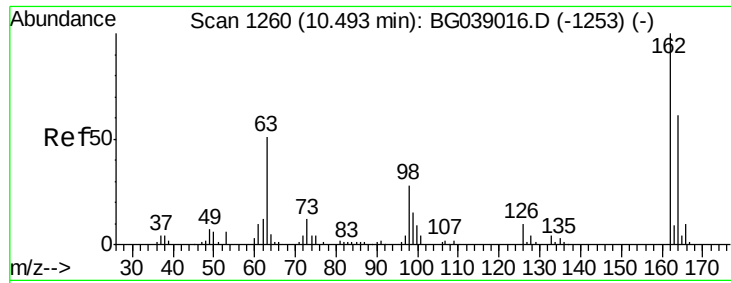
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E



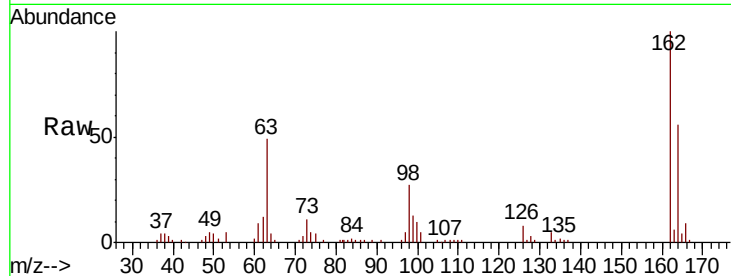


#29
 2,4-Dichlorophenol
 Concen: 37.289 ng
 RT: 10.50 min Scan# 1261
 Delta R.T. 0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116262BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	56.4	41.3	81.3
98	27.3	8.3	48.3

Manual Integrations
 APPROVED

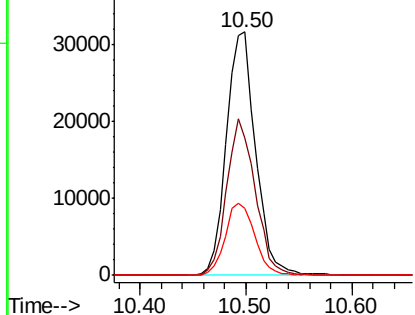


Abundance

Ion 162.00 (161.70 to 162.70): E

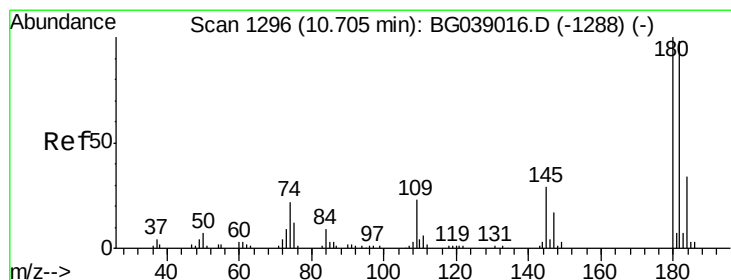
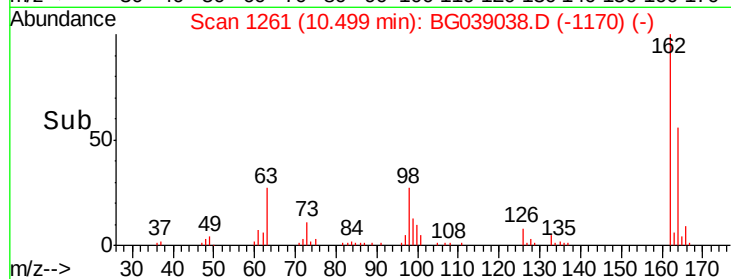
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



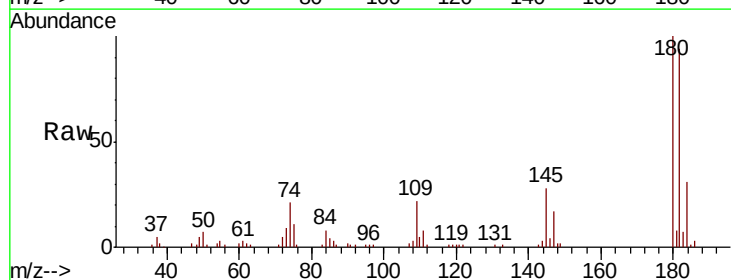
Sohil

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#30
 1,2,4-Trichlorobenzene
 Concen: 30.153 ng
 RT: 10.70 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.1	78.1	117.1
145	28.1	23.1	34.7

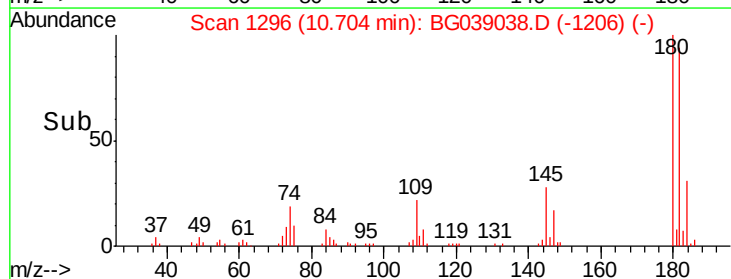
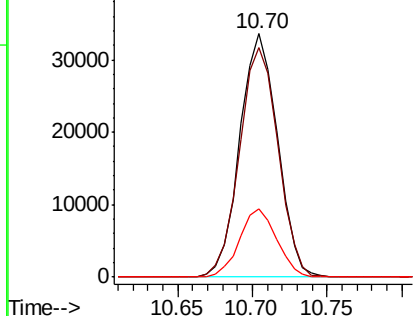


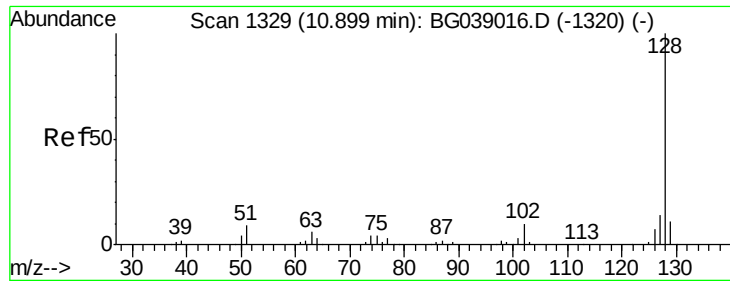
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



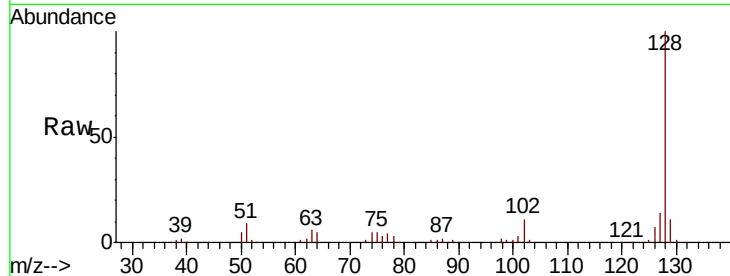


#31
Naphthalene
Concen: 33.714 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	13.8	11.2	16.8

Manual Integrations
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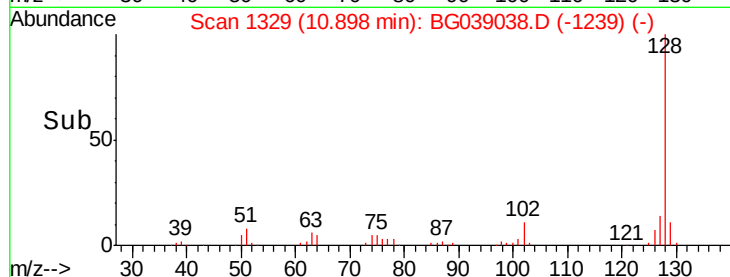
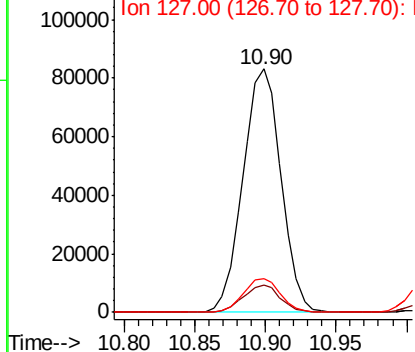


Abundance

Ion 128.00 (127.70 to 128.70): E

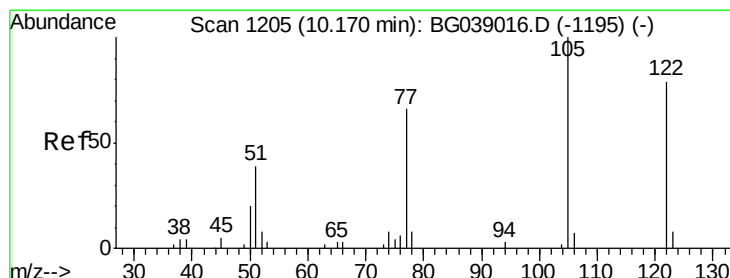
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



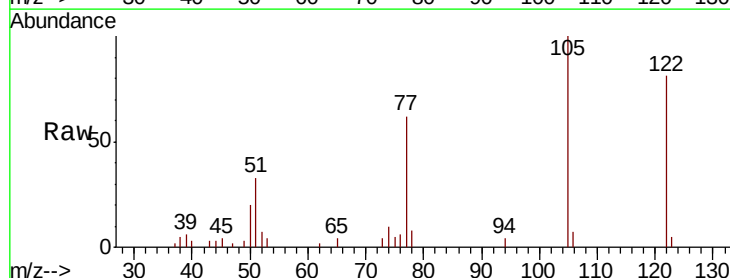
Sohil

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#32
Benzoic acid
Concen: 32.247 ng m
RT: 10.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	106.4	146.4
77	76.7	63.6	103.6

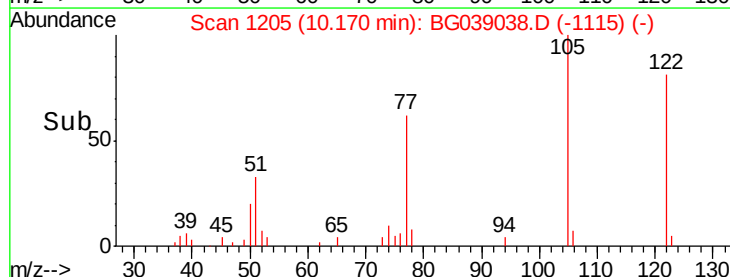
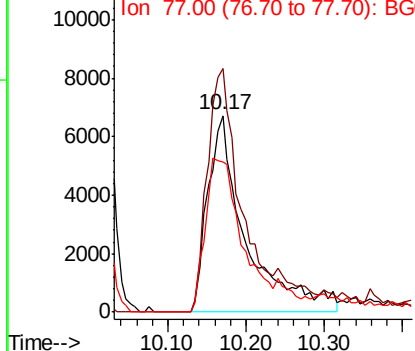


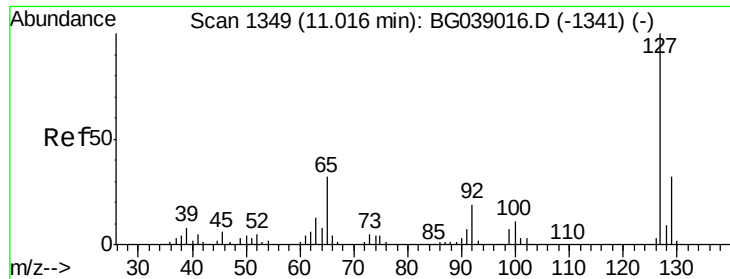
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG



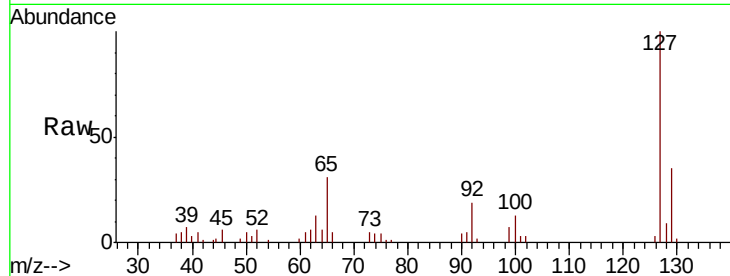


#33
4-Chloroaniline
Concen: 14.078 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

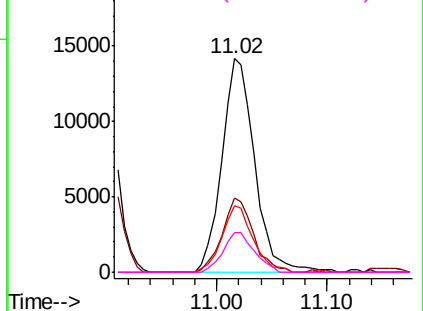
Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.7	25.4	38.0		
65	31.2	25.4	38.0		
92	18.6	15.2	22.8		

Manual Integrations
APPROVED

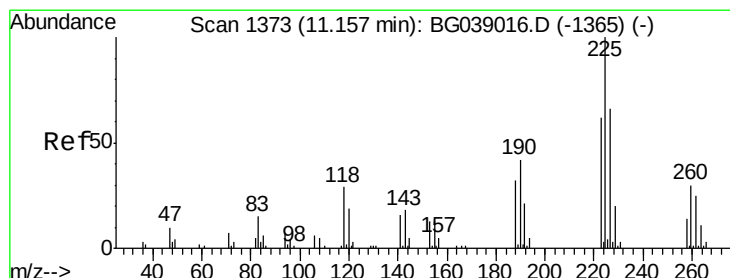
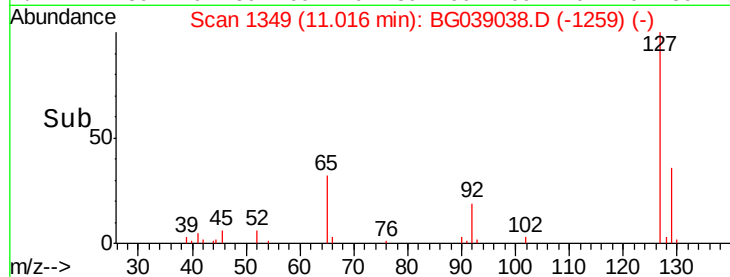


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG



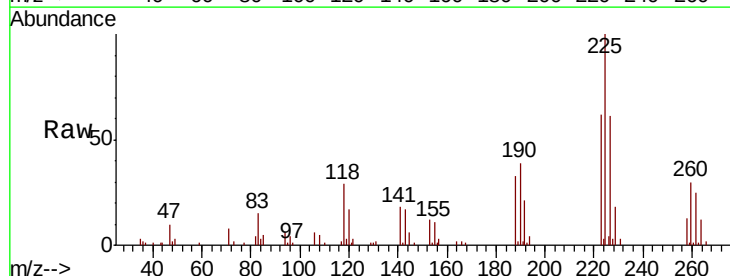
Sohil

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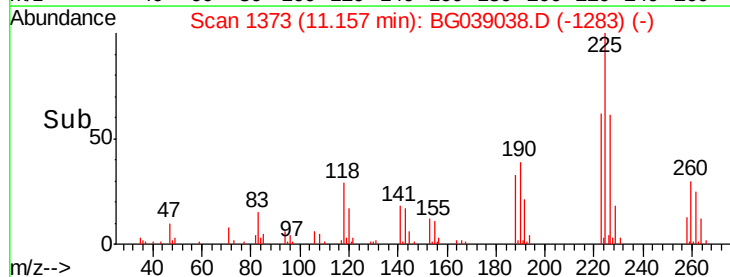
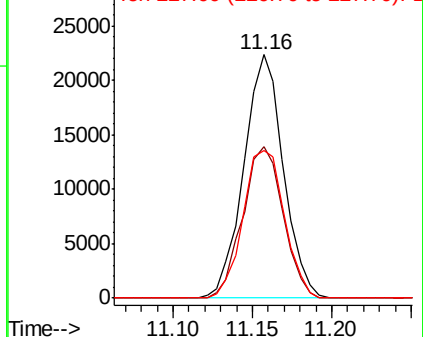


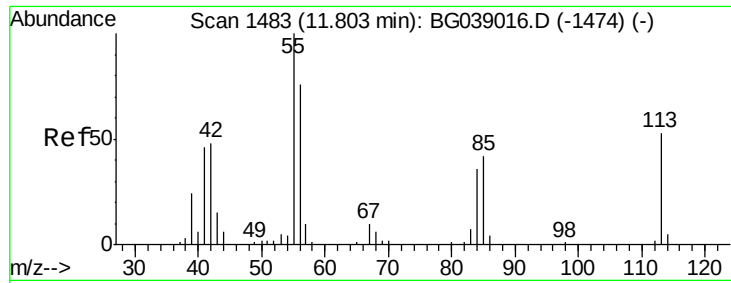
#34
Hexachlorobutadiene
Concen: 28.880 ng
RT: 11.16 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	50.2	75.4		
227	64.0	53.2	79.8		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



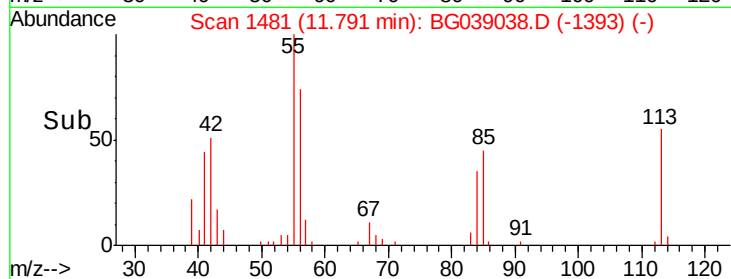
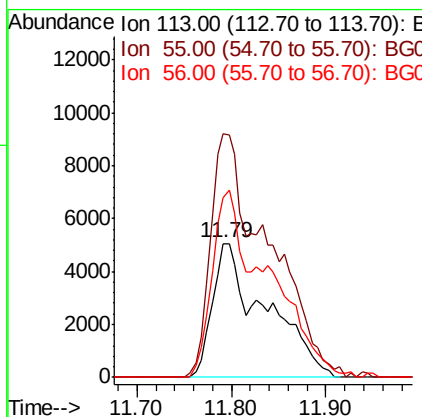
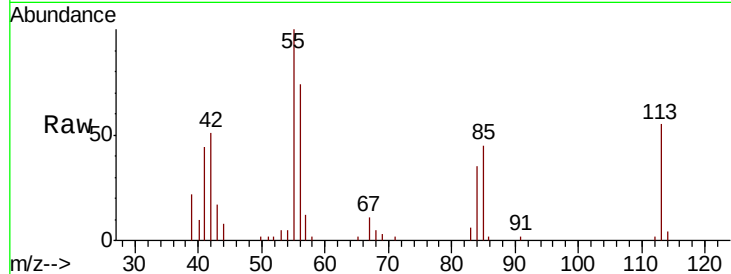


#35
Caprolactam
Concen: 30.419 ng/ml
RT: 11.79 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

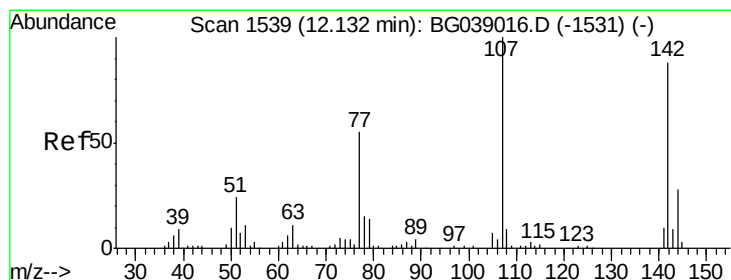
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	182.1	168.6	208.6	
56	134.5	123.2	163.2	

Manual Integrations
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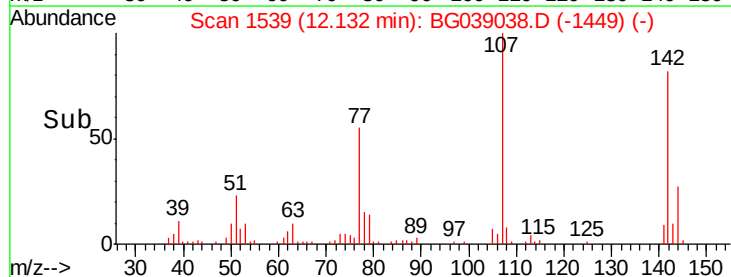
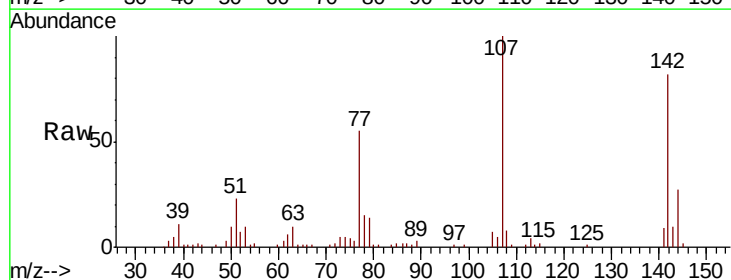
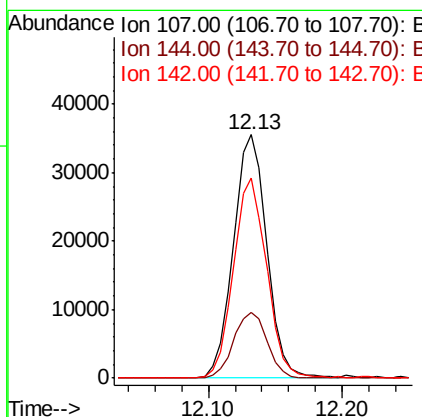
Sohil

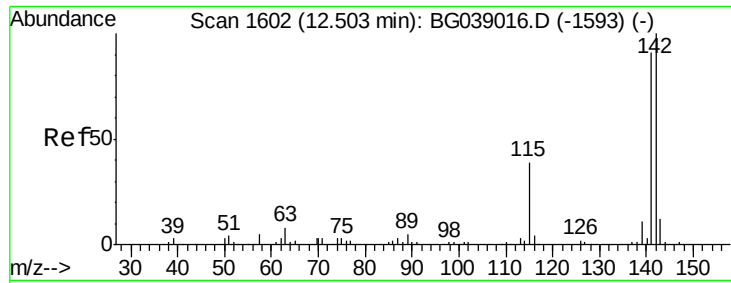
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#36
4-Chloro-3-methylphenol
Concen: 35.517 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.8	22.6	34.0	
142	82.0	70.2	105.4	



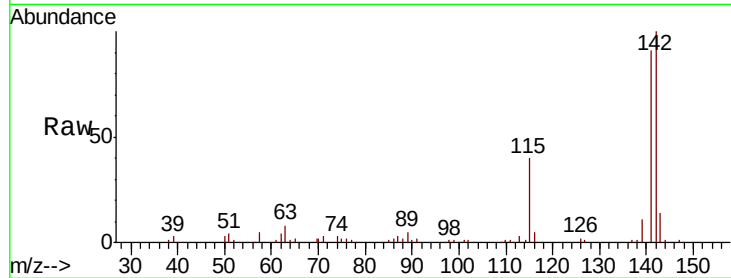


#37
2-Methylnaphthalene
Concen: 35.853 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	72.6	109.0
115	40.4	31.1	46.7

Manual Integrations
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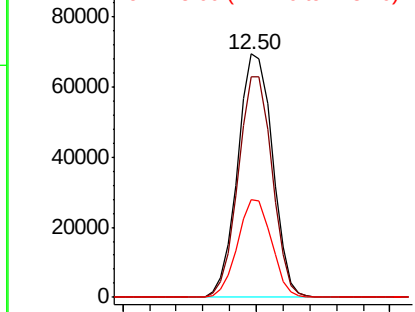


Abundance

Ion 142.00 (141.70 to 142.70): E

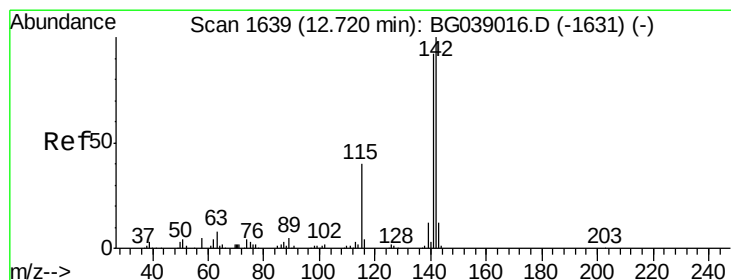
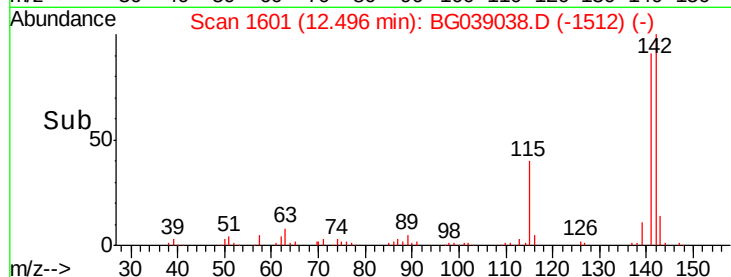
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



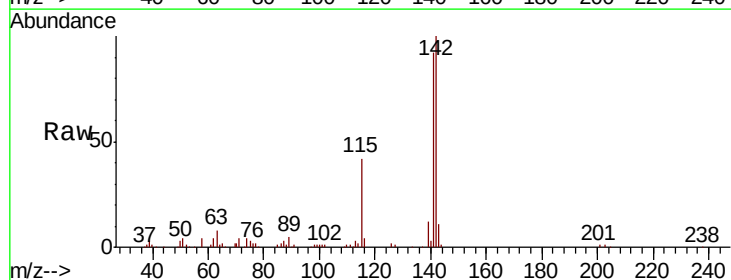
Sohil

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#38
1-Methylnaphthalene
Concen: 35.270 ng
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.3	109.9
116	4.4	3.1	4.7

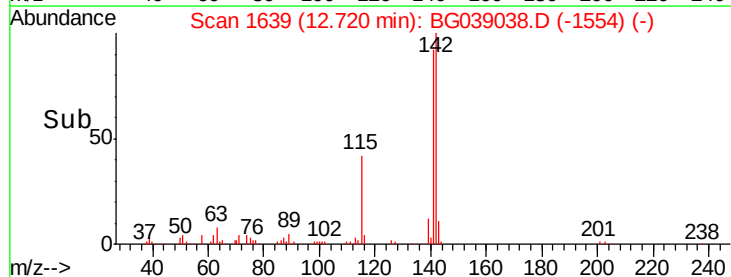
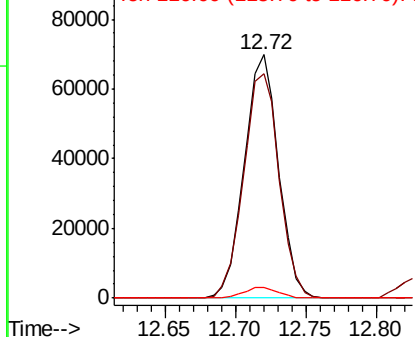


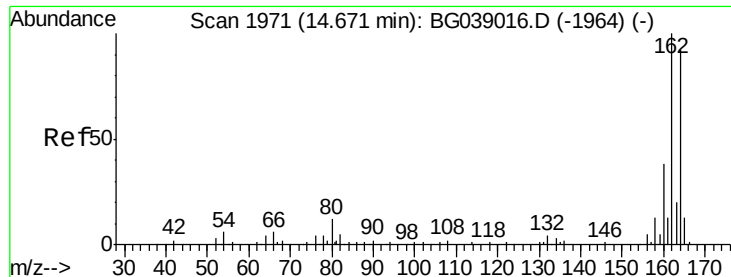
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

BNA_G

ClientSampled :

PB116262BS

Tot Ion:164 Resp: 70310

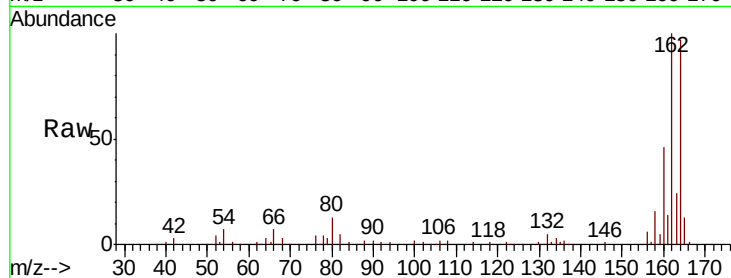
Ion Ratio Lower Upper

164 100

162 103.1 87.2 130.8

160 47.6 33.3 49.9

Manual Integrations
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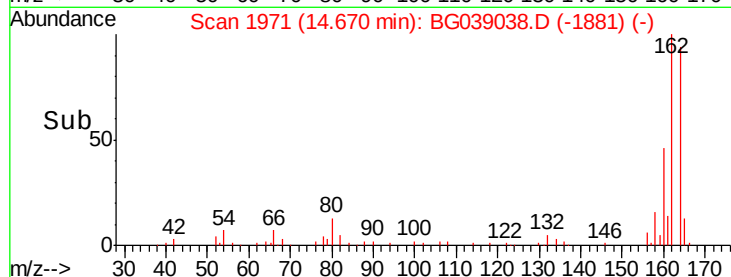
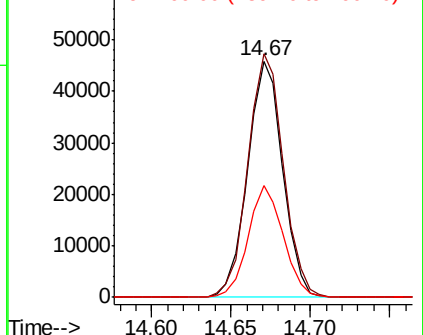


Abundance

Ion 164.00 (163.70 to 164.70): E

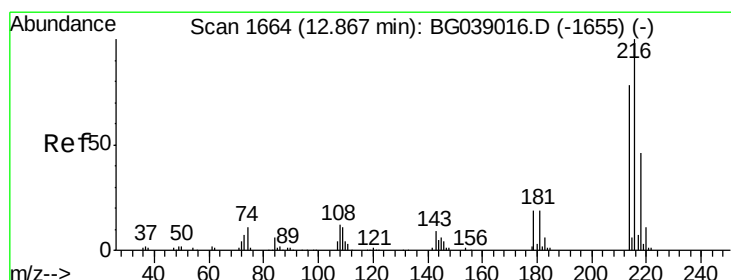
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



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#40

1,2,4,5-Tetrachlorobenzene

Concen: 30.592 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion:216 Resp: 80779

Ion Ratio Lower Upper

216 100

214 77.7 63.4 95.2

179 19.5 15.5 23.3

108 16.0 11.4 17.2

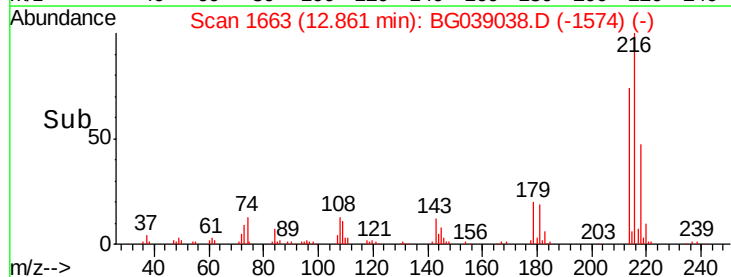
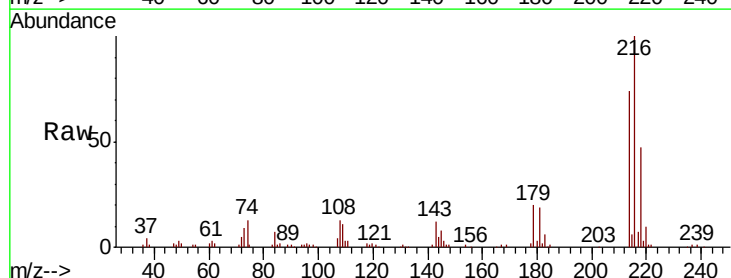
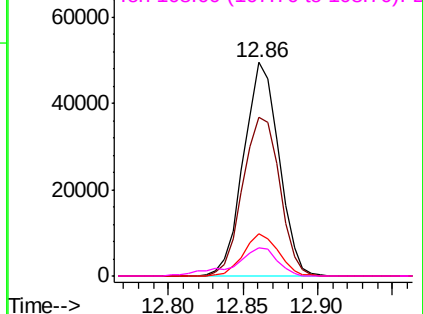
Abundance

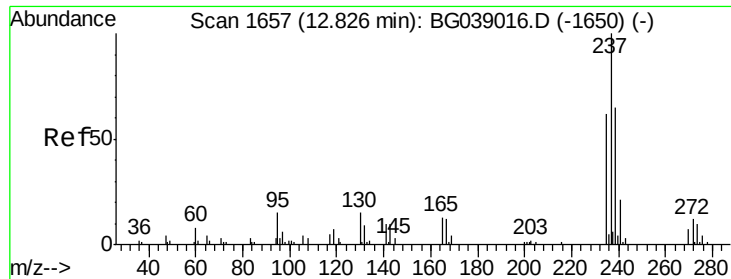
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



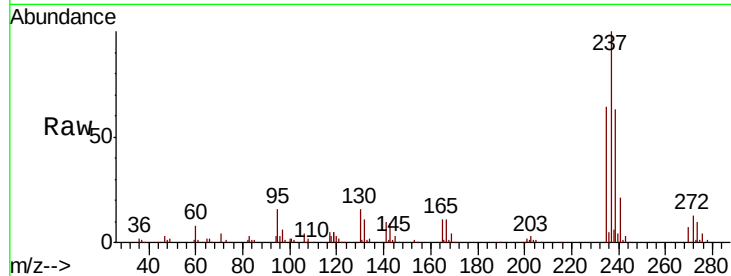


#41
Hexachlorocyclopentadiene
Concen: 60.854 ng
RT: 12.83 min Scan# 1657
Delta R.T. 0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

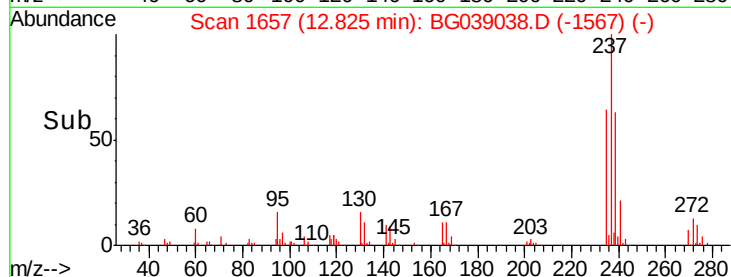
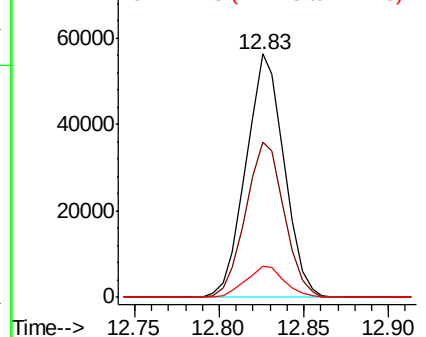
Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.6	41.7	81.7	
272	12.8	0.0	32.1	

Manual Integrations
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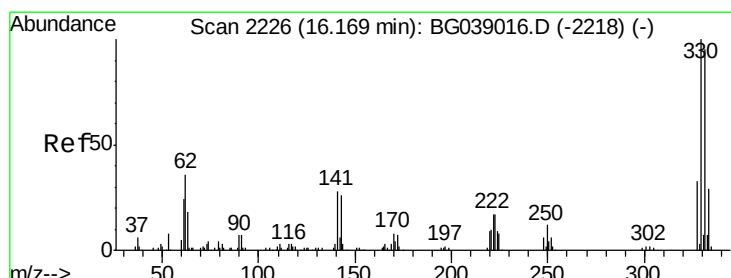


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



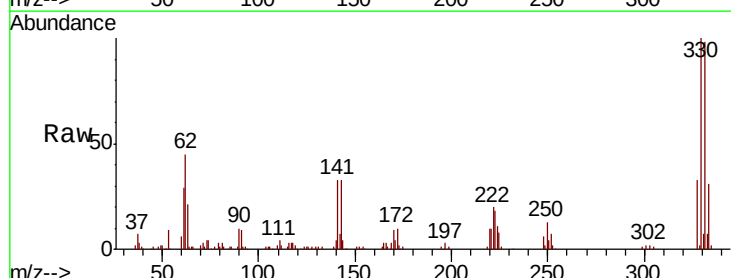
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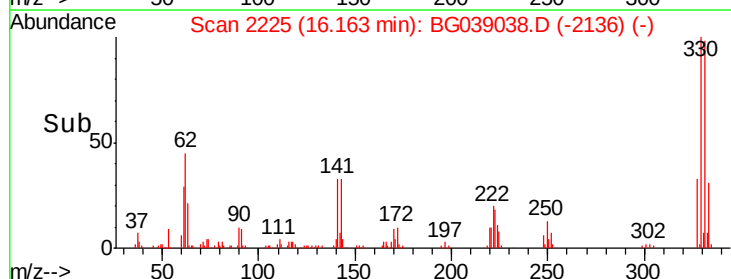
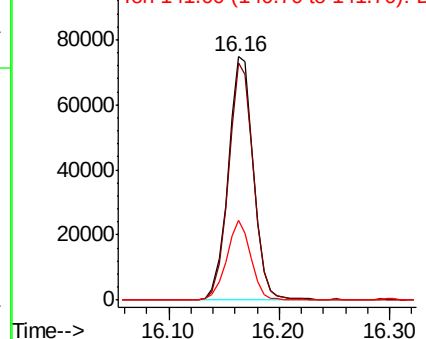


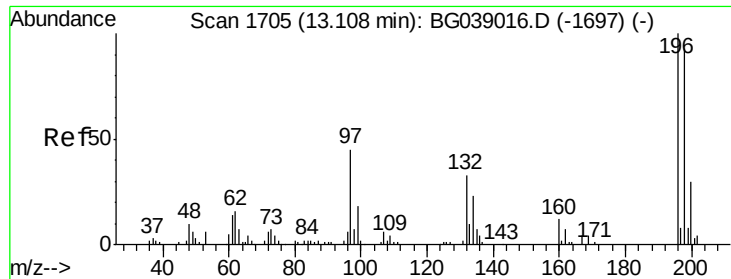
#42
2,4,6-Tribromophenol
Concen: 101.393 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	75.7	113.5	
141	31.0	24.9	37.3	



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



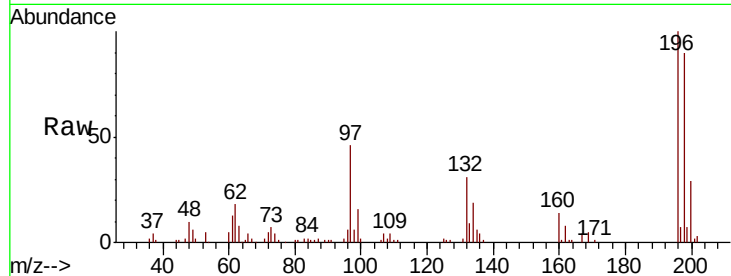


#43
 2,4,6-Trichlorophenol
 Concen: 34.285 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Instrument :
 BNA_G
 ClientSampled :
 PB116262BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	74.5	111.7
200	29.4	23.8	35.6

Manual Integrations
 APPROVED

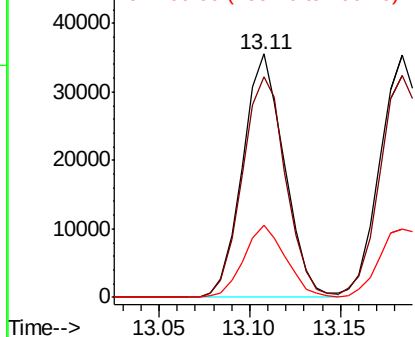


Abundance

Ion 196.00 (195.70 to 196.70): E

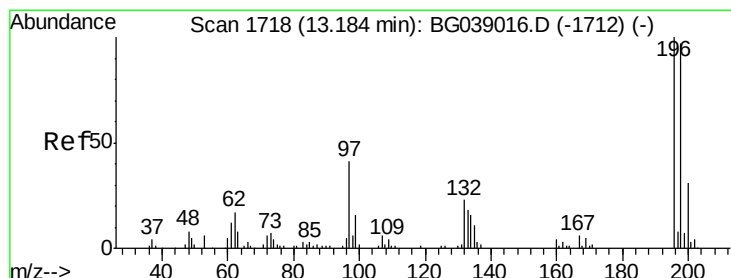
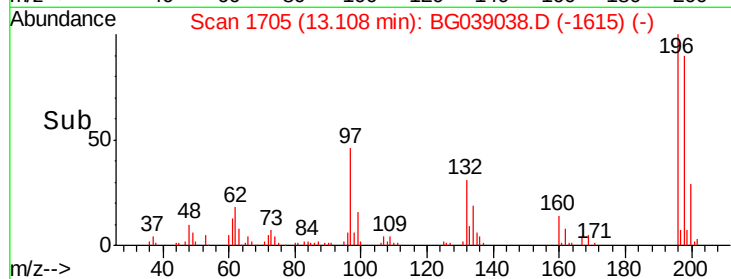
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



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#44
 2,4,5-Trichlorophenol
 Concen: 34.399 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.5	78.1	117.1
97	41.1	33.2	49.8
132	21.9	18.2	27.4

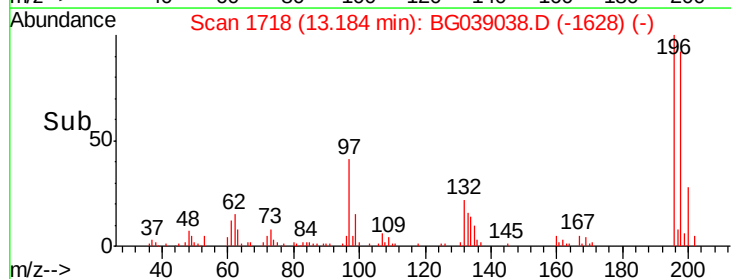
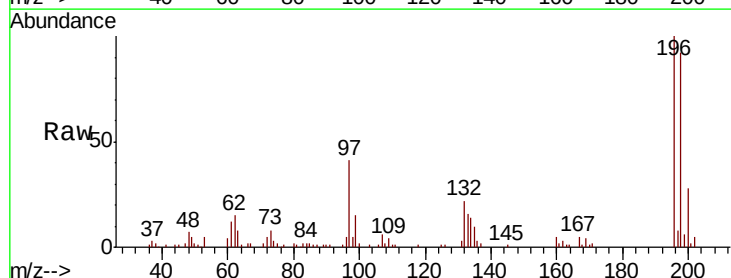
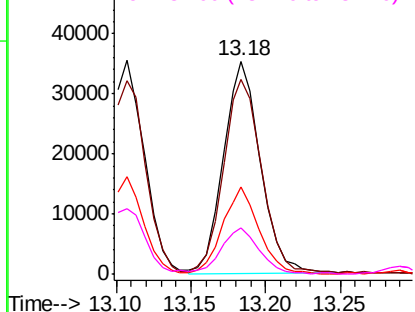
Abundance

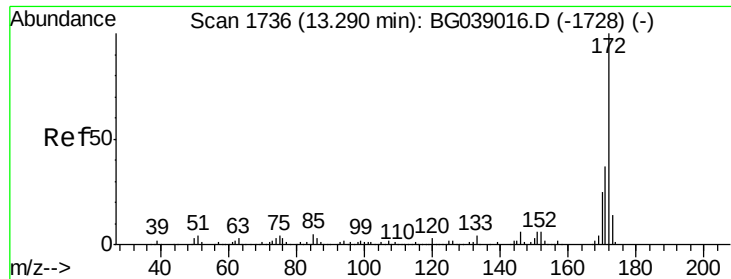
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



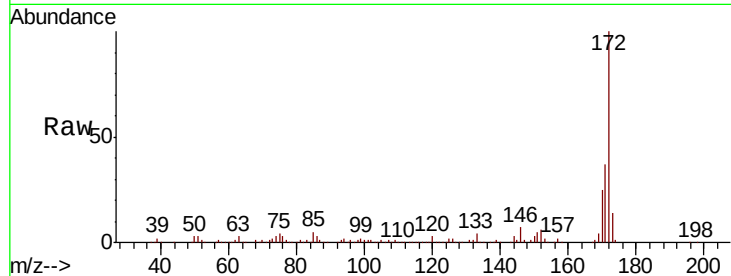


#45
2-Fluorobiphenyl
Concen: 66.310 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	24.7	20.1	30.1

Manual Integrations
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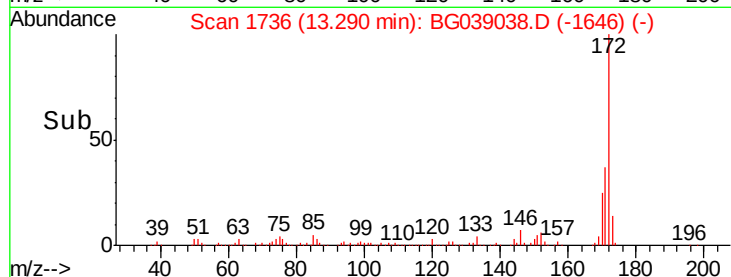
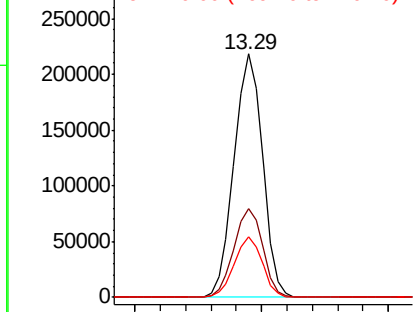


Abundance

Ion 172.00 (171.70 to 172.70): E

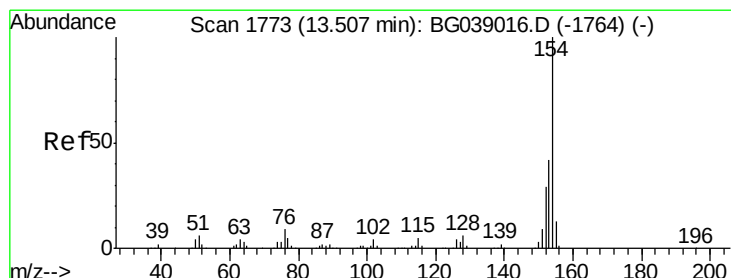
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



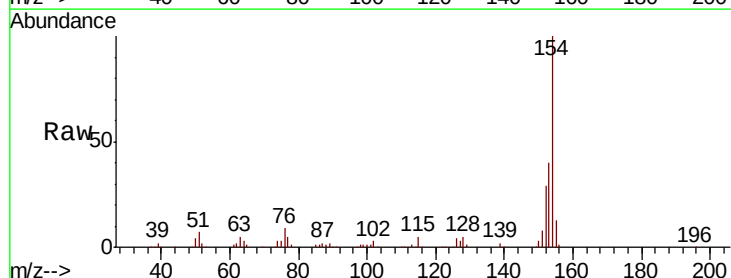
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#46
1,1'-Biphenyl
Concen: 31.021 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	22.4	62.4
76	9.5	0.0	29.4

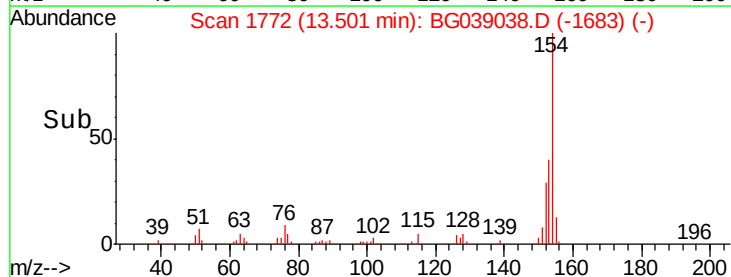
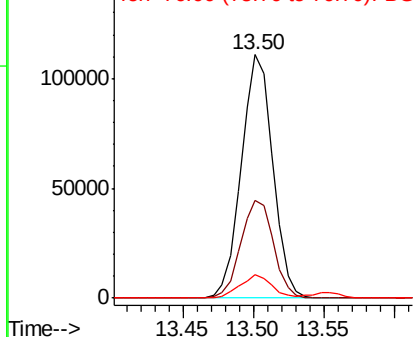


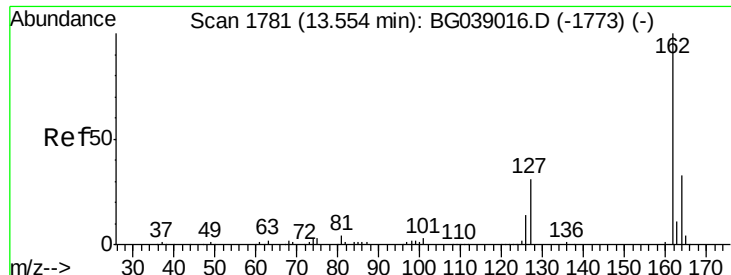
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGO



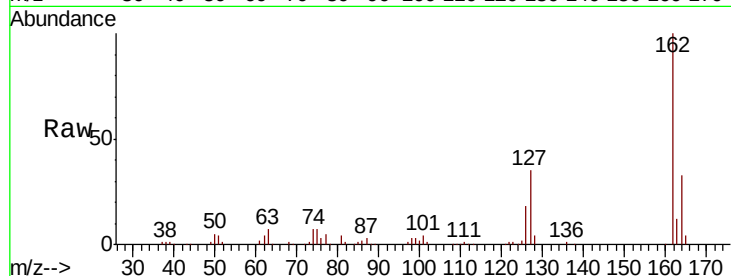


#47
2-Chloronaphthalene
Concen: 31.073 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.7	28.4	42.6
164	33.2	26.3	39.5

Manual Integrations
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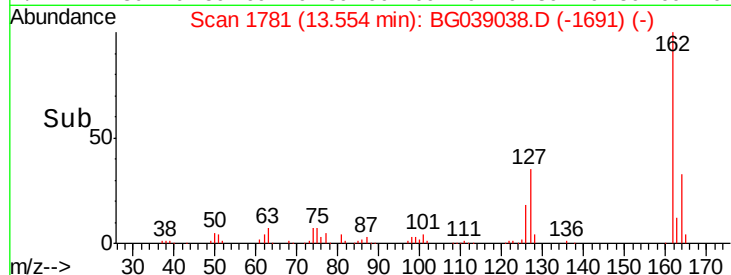
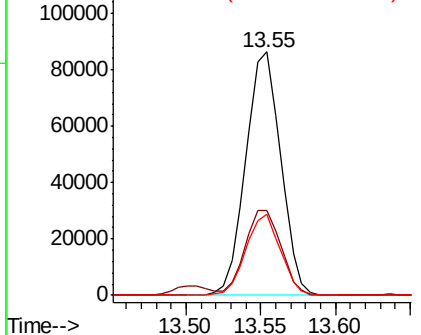


Abundance

Ion 162.00 (161.70 to 162.70): E

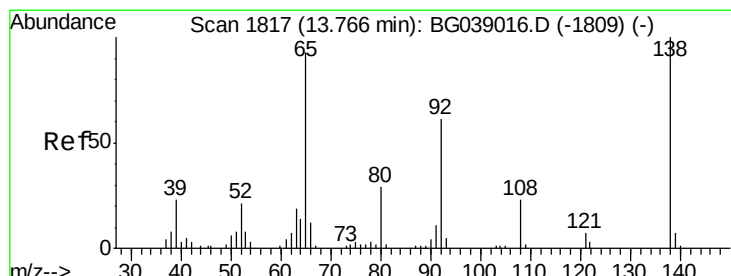
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



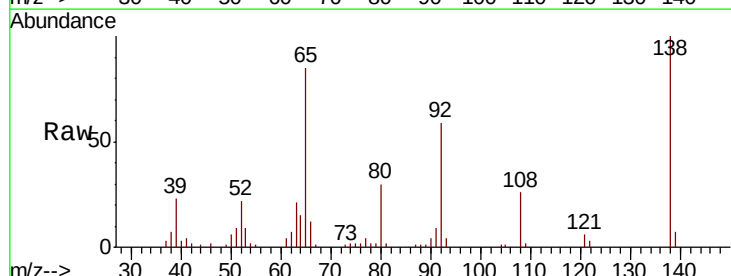
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#48
2-Nitroaniline
Concen: 33.412 ng
RT: 13.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.8	52.2	78.4
138	117.4	86.0	129.0

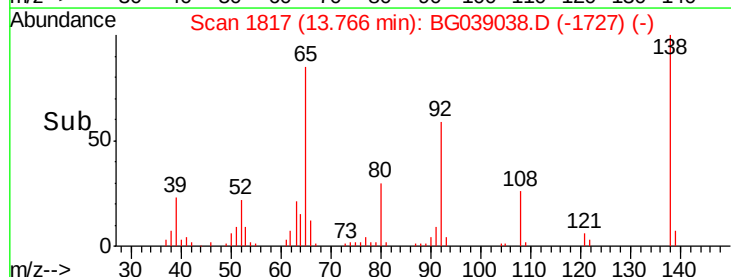
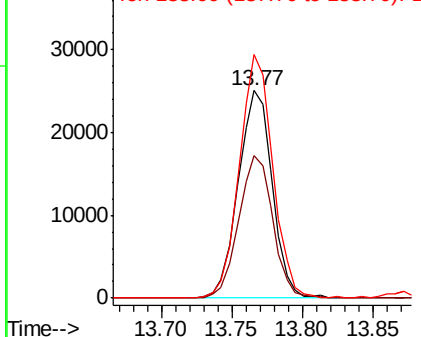


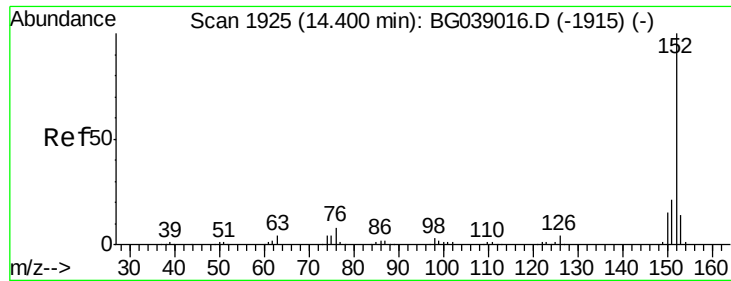
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.176 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

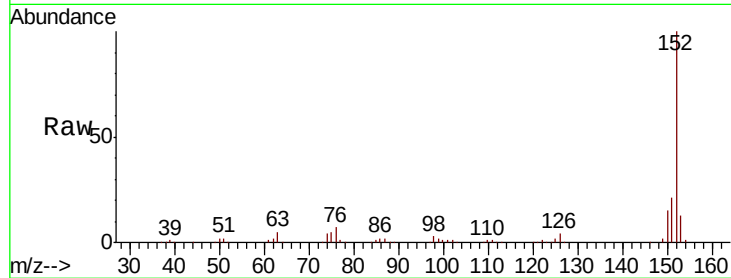
BNA_G

ClientSampled :

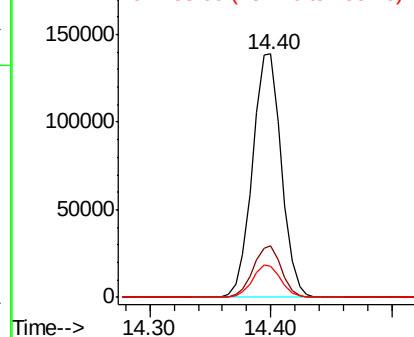
PB116262BS

Tot Ion:	152	Resp:	231589
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.0	25.4
153	13.0	11.2	16.8

Manual Integrations
APPROVED

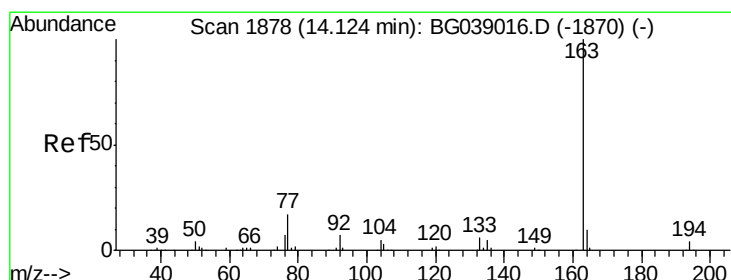
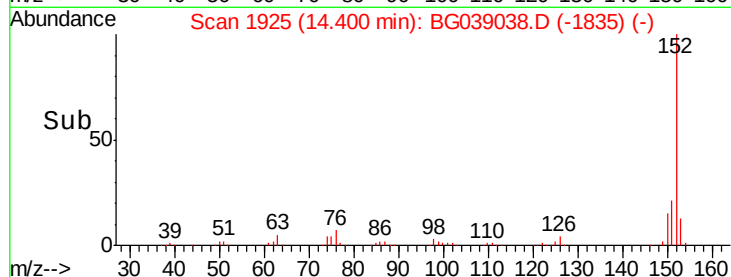


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



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#50

Dimethylphthalate

Concen: 32.474 ng

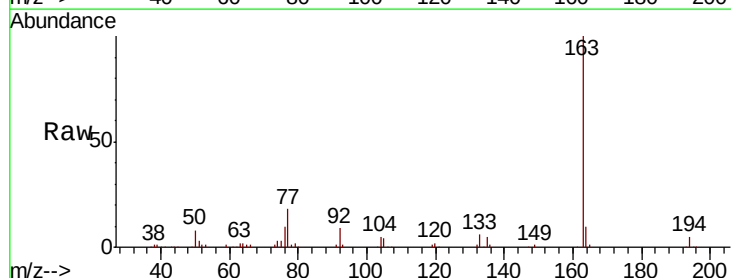
RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

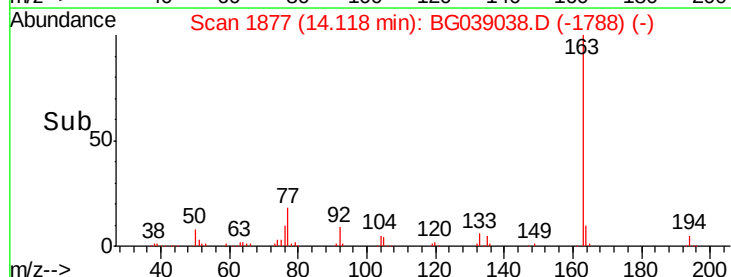
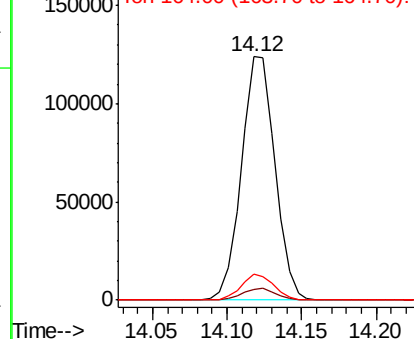
Lab File: BG039038.D

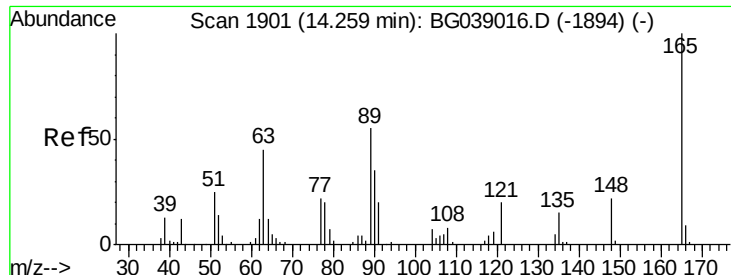
Acq: 10 Jan 2019 2:21

Tgt Ion:	163	Resp:	192943
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



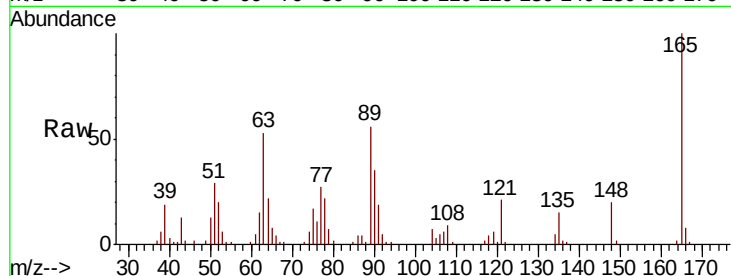


#51
 2,6-Dinitrotoluene
 Concen: 32.962 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

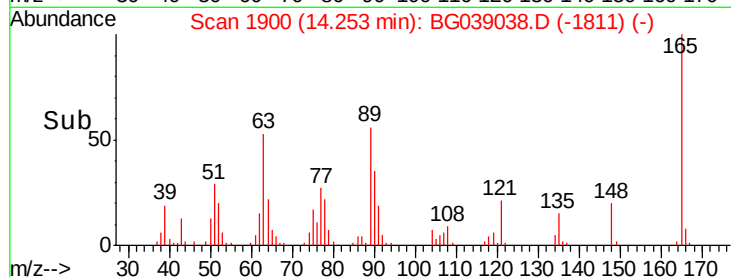
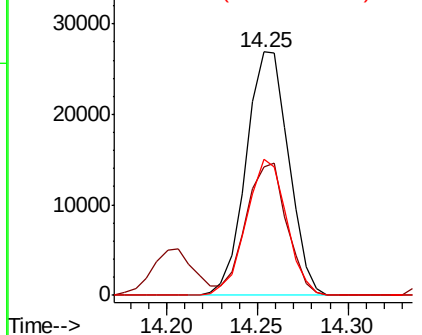
Instrument :
 BNA_G
 ClientSampled :
 PB116262BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	43786		
63	52.8		43.6	65.4
89	56.1		43.7	65.5

Manual Integrations
 APPROVED

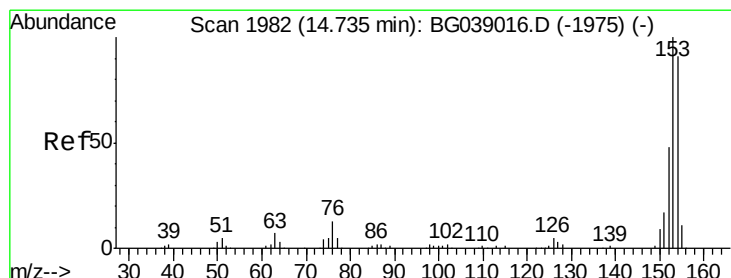


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG



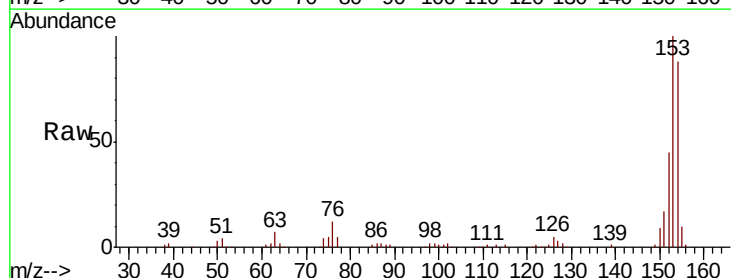
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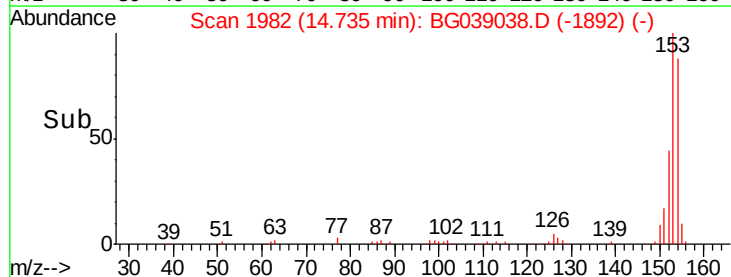
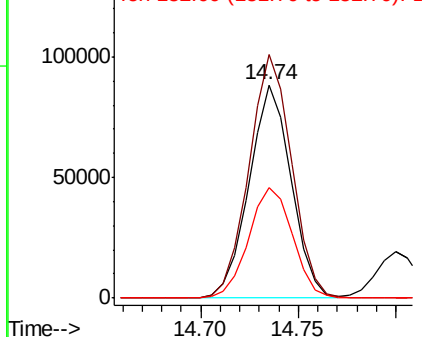


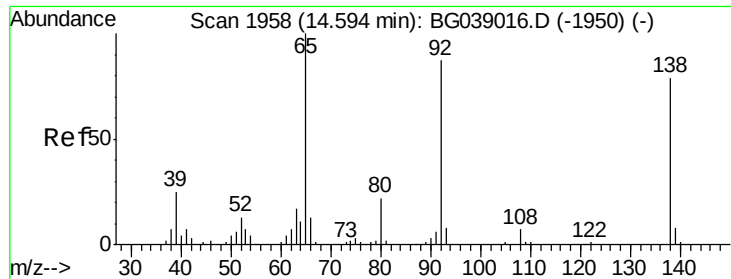
#52
 Acenaphthene
 Concen: 32.390 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	131872		
153	114.1		87.9	131.9
152	51.6		42.2	63.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E



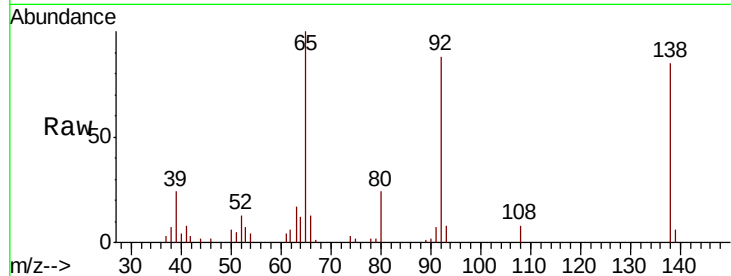


#53
 3-Nitroaniline
 Concen: 16.134 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

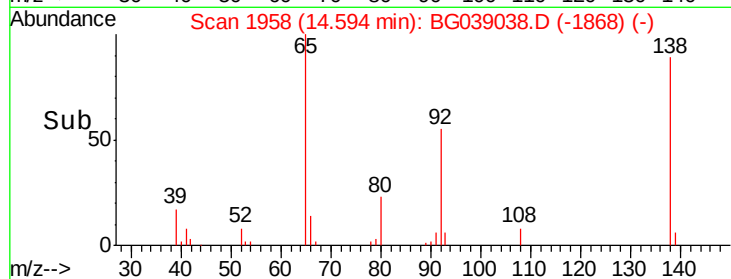
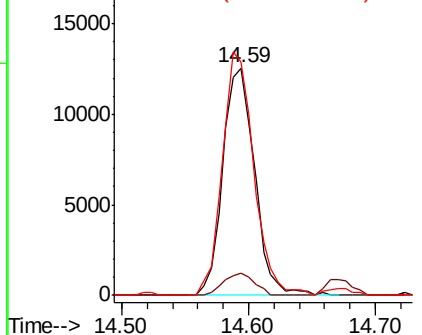
Instrument :
 BNA_G
 ClientSampled :
 PB116262BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.0
92	102.6	88.2	132.4

Manual Integrations
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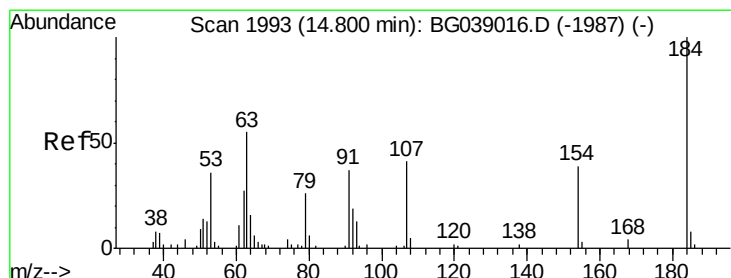


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BGC



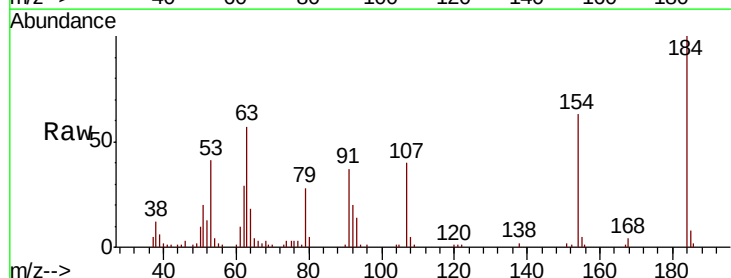
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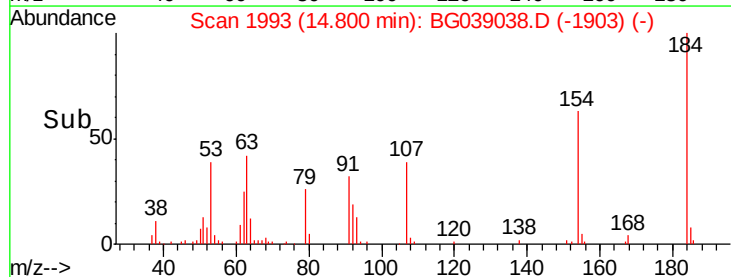
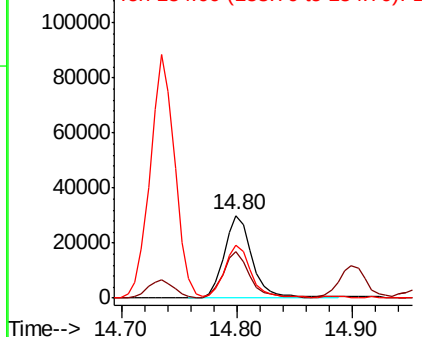


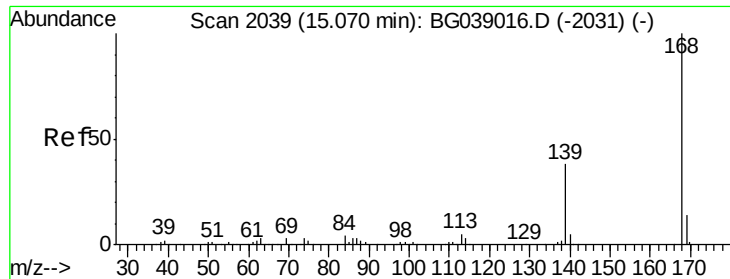
#54
 2,4-Dinitrophenol
 Concen: 64.802 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. 0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.6	44.0	66.0
154	63.3	46.1	69.1



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E



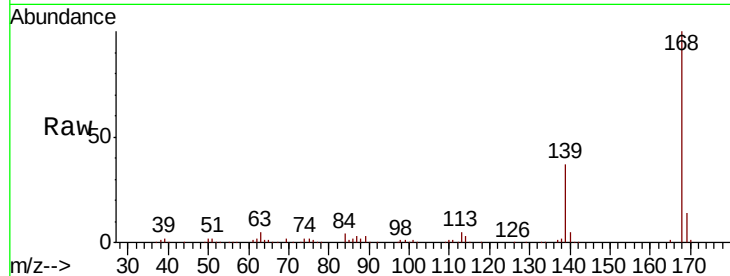


#55
Dibenzenofuran
Concen: 32.432 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.1	45.1
169	13.5	10.9	16.3

Manual Integrations
APPROVED

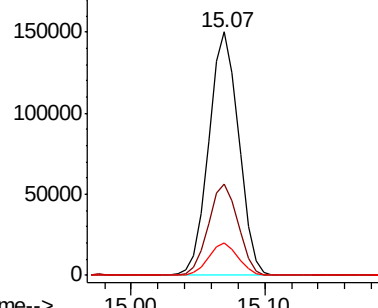


Abundance

Ion 168.00 (167.70 to 168.70): E

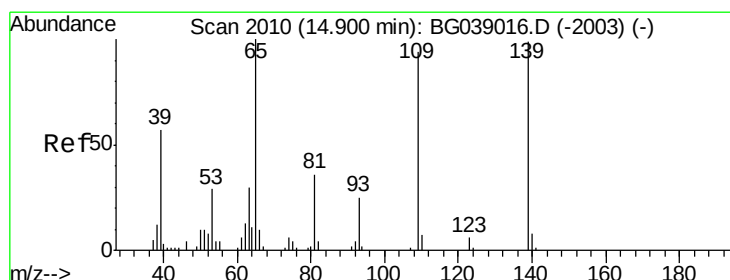
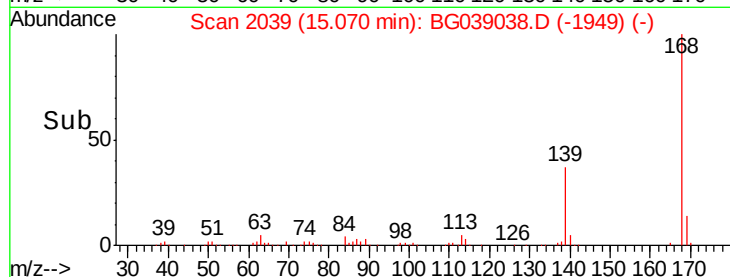
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



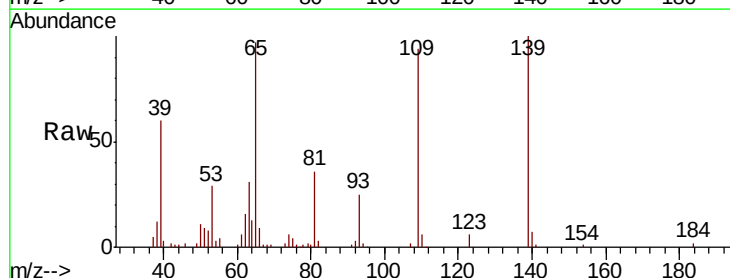
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#56
4-Nitrophenol
Concen: 66.858 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.2	75.6	115.6
65	97.3	81.2	121.2

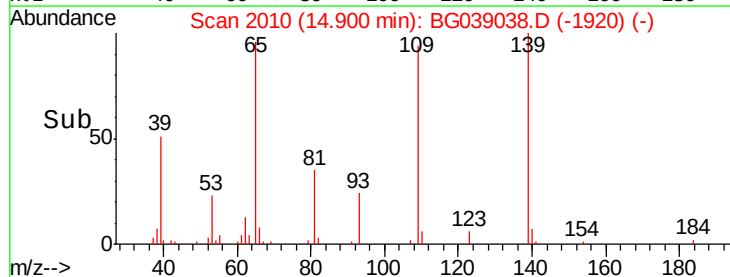
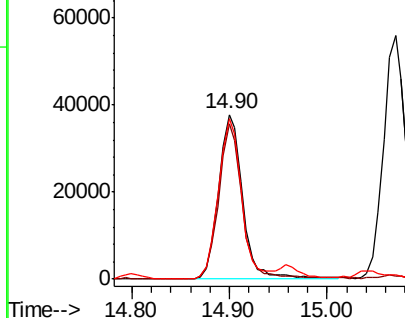


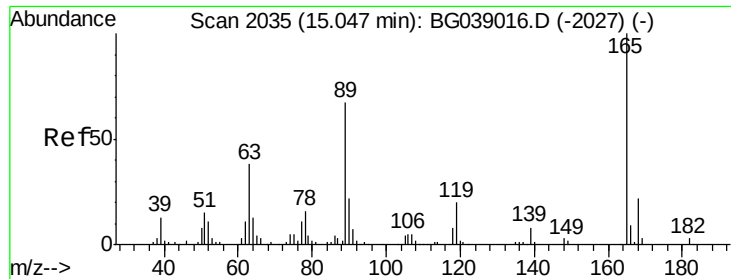
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



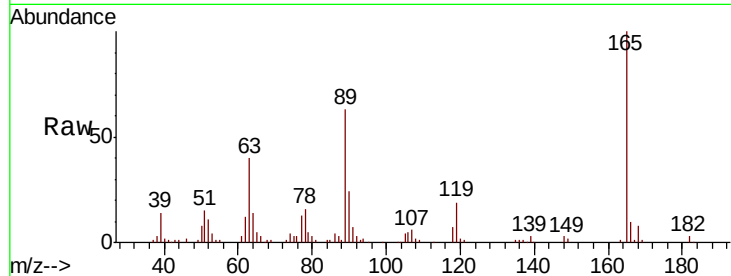


#57
 2,4-Dinitrotoluene
 Concen: 32.733 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Instrument :
 BNA_G
 ClientSampleId :
 PB116262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		62382		
63	39.7	30.2	45.4		
89	63.4	53.2	79.8		
182	2.8	2.7	4.1		

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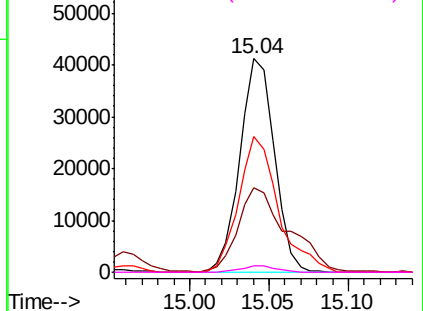
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

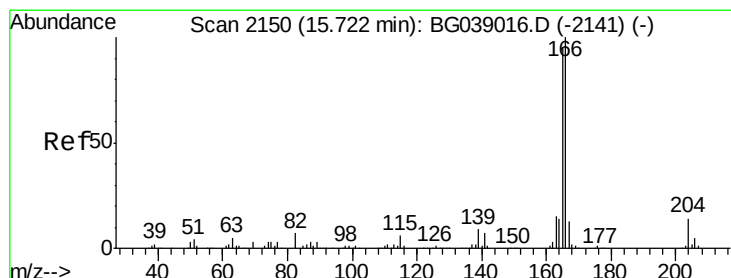
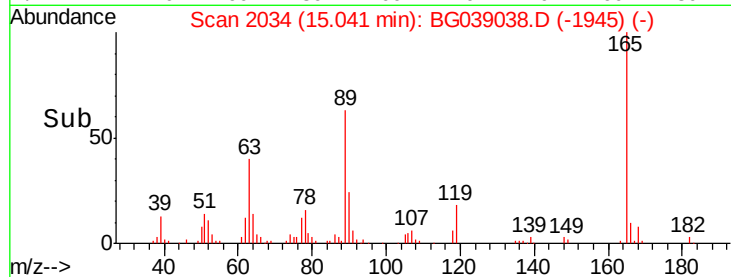
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



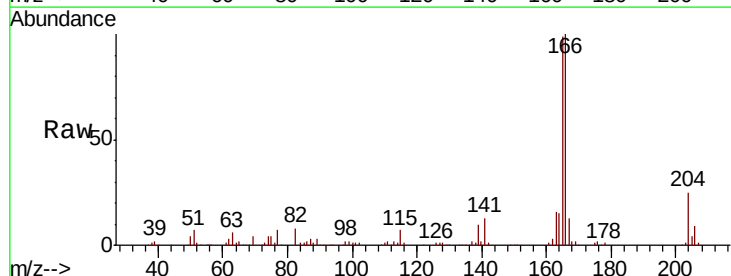
Sohil

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#58
 Fluorene
 Concen: 34.303 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		185667		
165	99.1	76.2	114.2		
167	13.5	10.6	16.0		

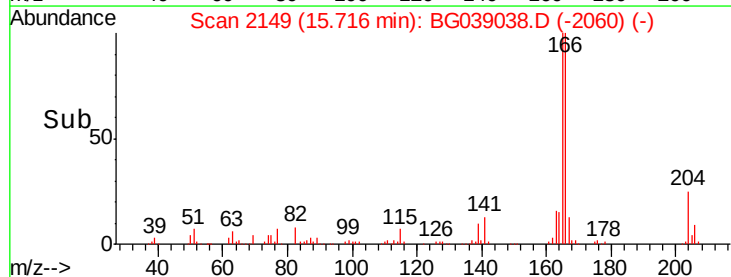
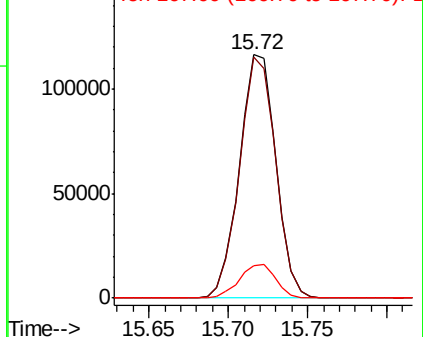


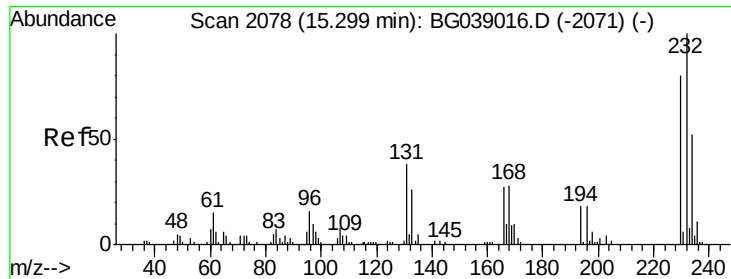
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



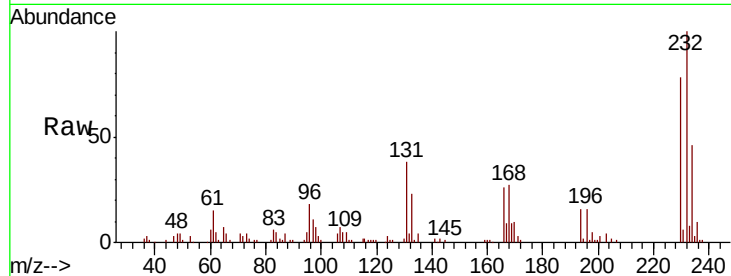


#59
2,3,4,6-Tetrachlorophenol
Concen: 35.481 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	35.7	30.9	46.3
130	2.3	1.9	2.9
166	27.2	22.1	33.1

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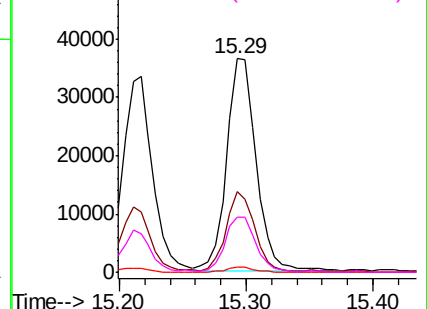
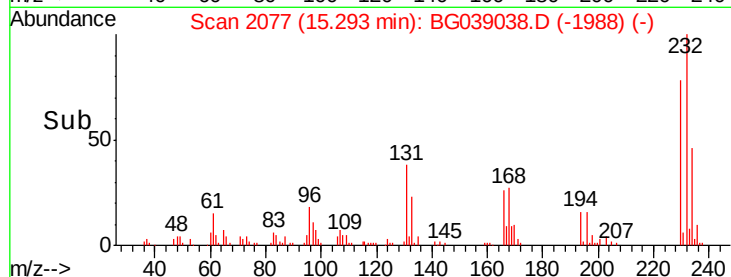
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

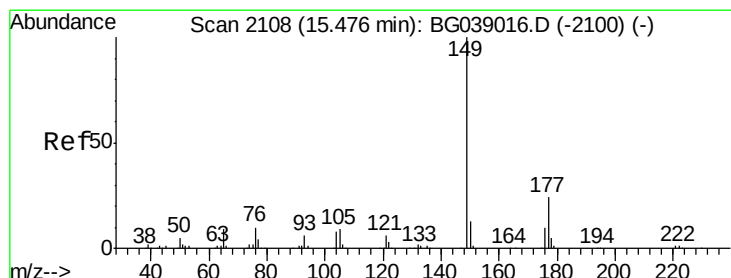
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



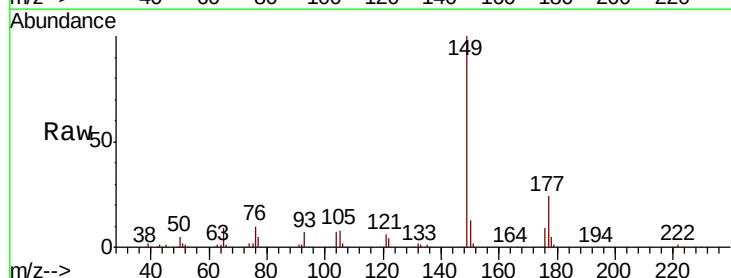
Sohil

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#60
Diethylphthalate
Concen: 32.430 ng
RT: 15.48 min Scan# 2108
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.0	28.6
150	12.8	10.2	15.4

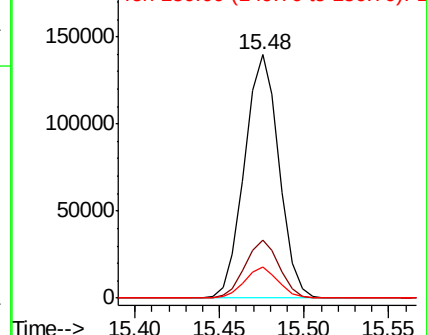
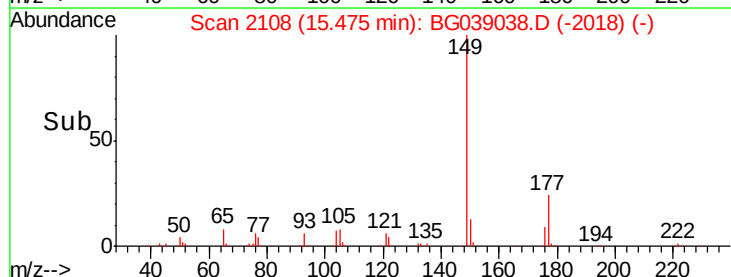


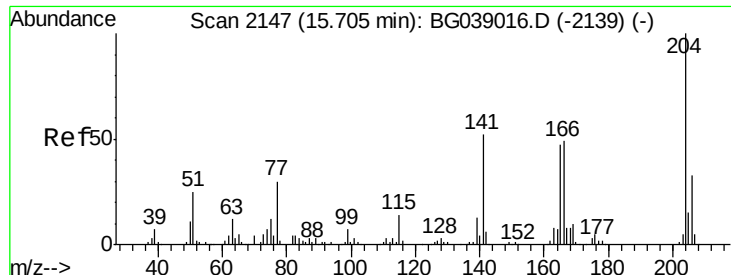
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



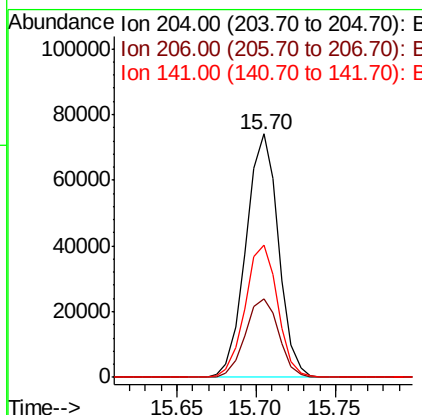
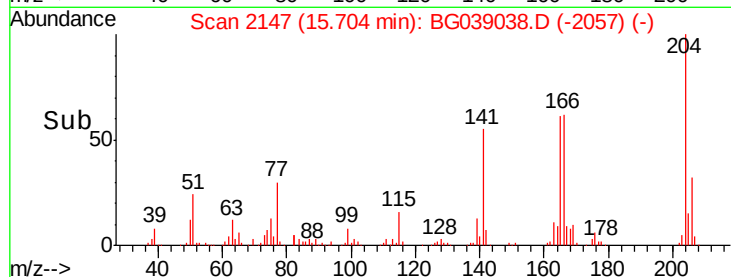
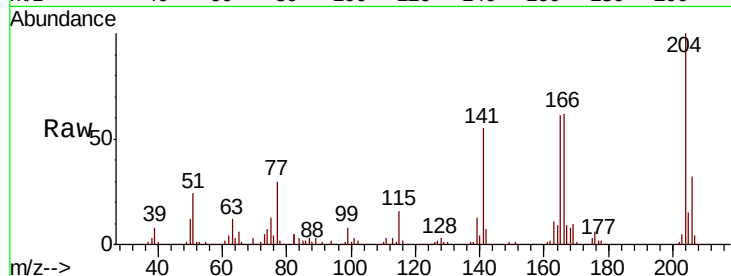


#61
4-Chlorophenyl-phenylether
Concen: 30.857 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

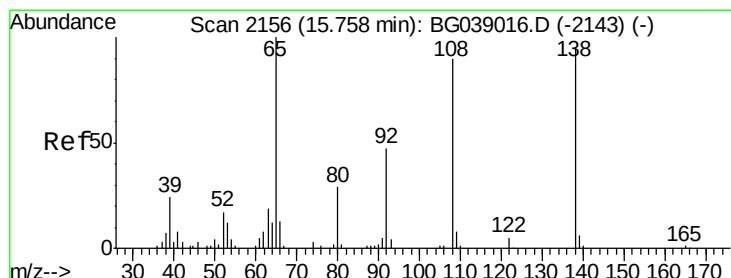
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	54.5	41.4	62.0

Manual Integrations
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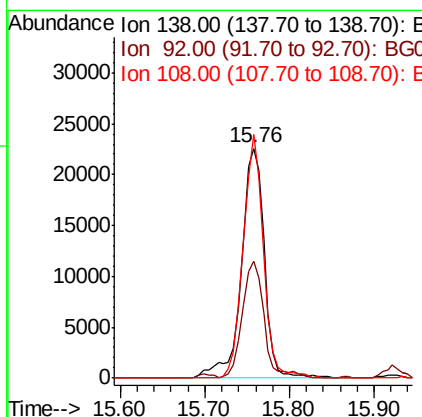
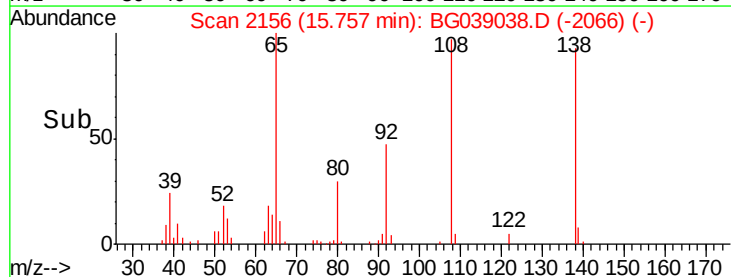
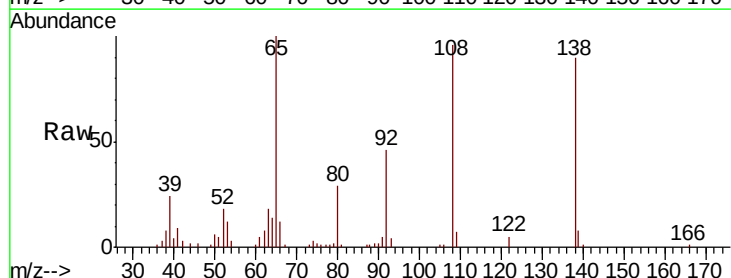
Sohil

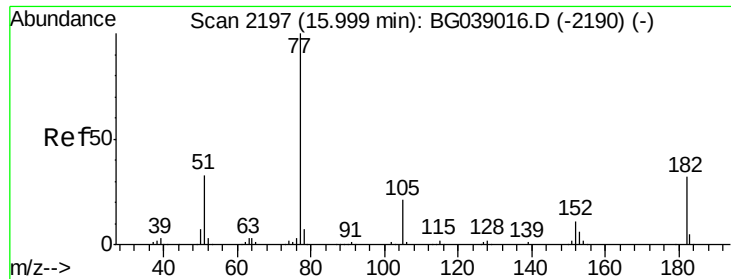
1/10/2019 3:15:26 PM



#62
4-Nitroaniline
Concen: 30.298 ng
RT: 15.76 min Scan# 2156
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	29.7	69.7
108	105.9	75.7	115.7



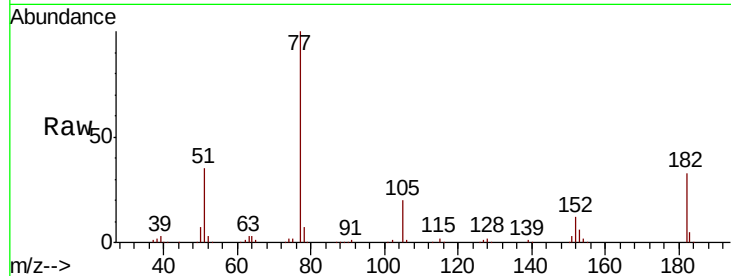


#63
Azobenzene
Concen: 31.963 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	33.2	12.2	52.2		
105	19.8	1.2	41.2		
51	35.0	13.4	53.4		

Manual Integrations
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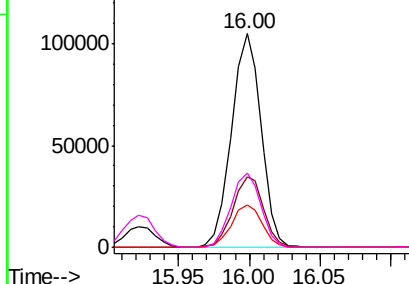
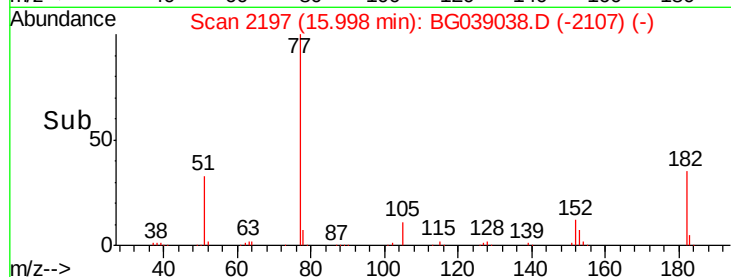
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

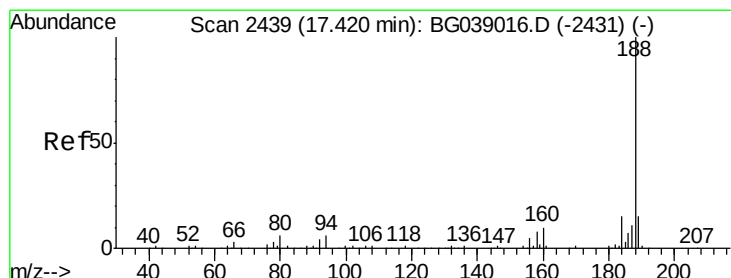
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



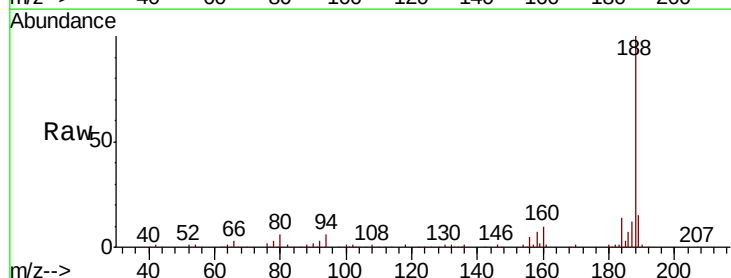
Sohil

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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	6.5	5.0	7.4		
80	6.5	4.7	7.1		

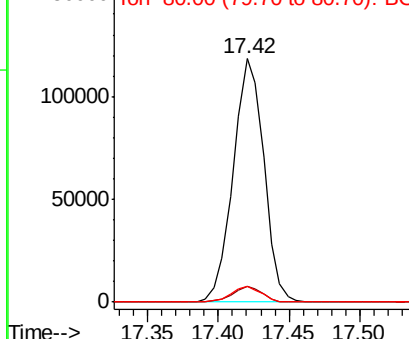
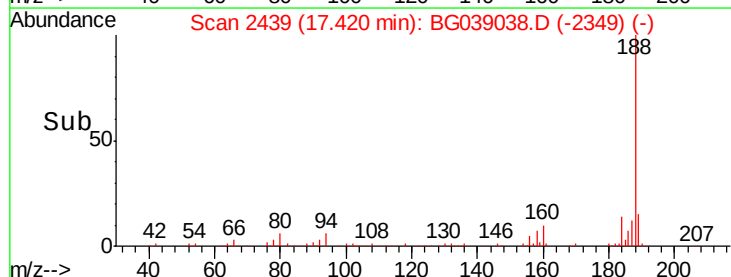


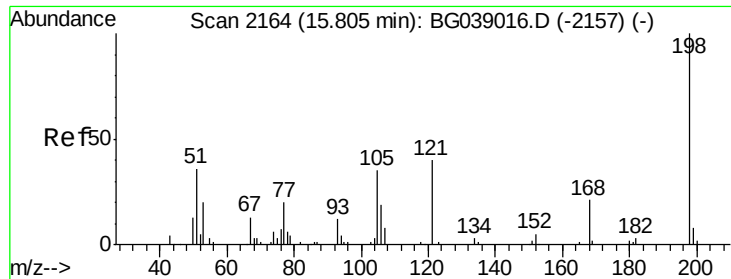
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



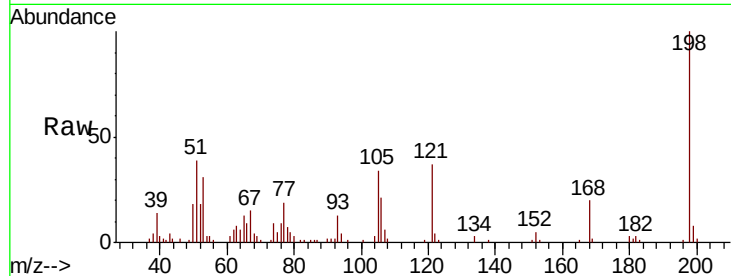


#65
4,6-Dinitro-2-methylphenol
Concen: 29.267 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

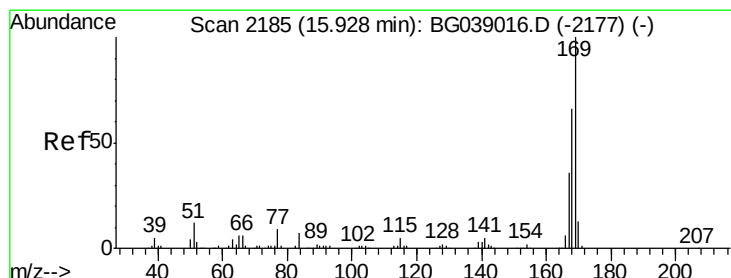
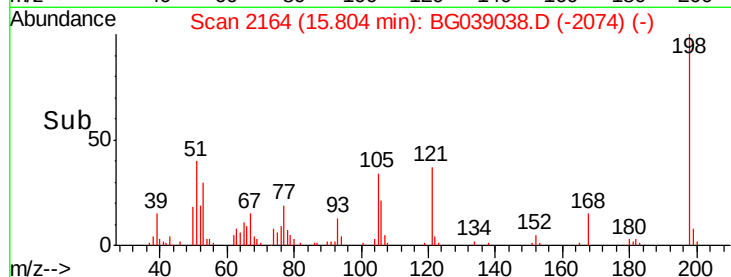
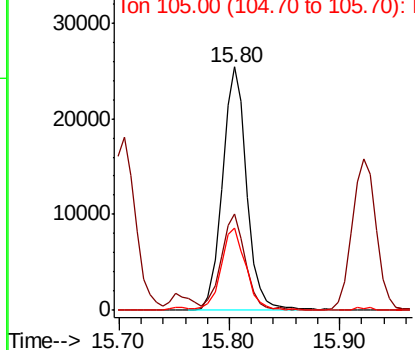
Instrument :
BNA_G
ClientSampled :
PB116262BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	38950		
51	39.4		20.8	60.8
105	33.9		16.1	56.1

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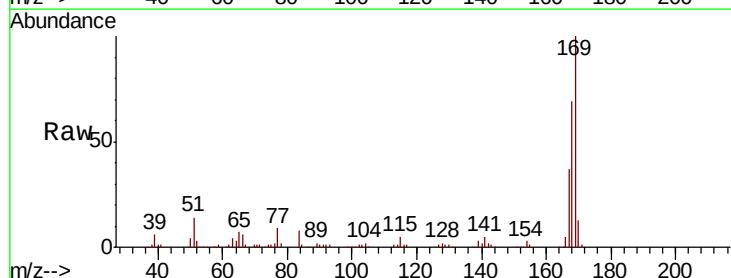


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

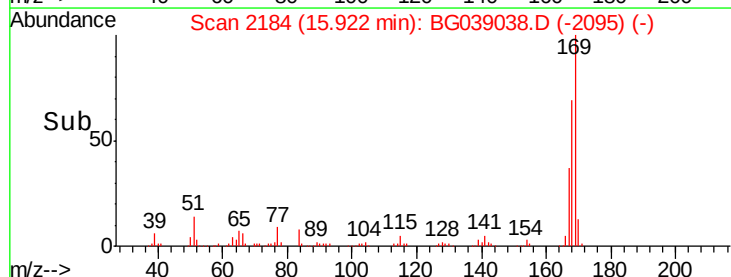
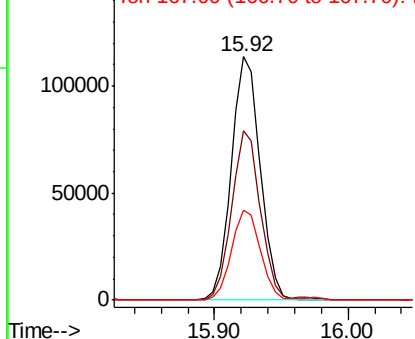


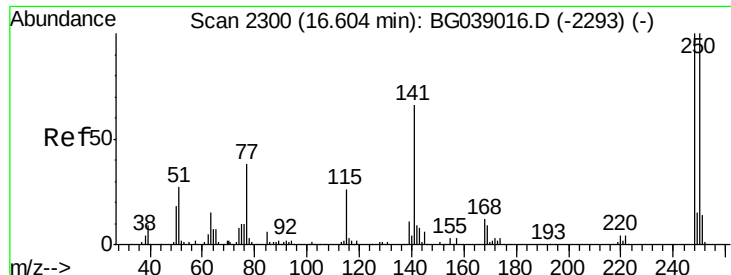
#66
n-Nitrosodiphenylamine
Concen: 32.150 ng
RT: 15.92 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	171213		
168	69.4		53.2	79.8
167	36.7		29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



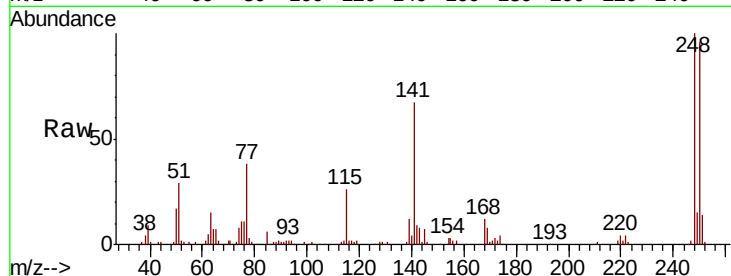


#67
 4-Bromophenyl-phenylether
 Concen: 30.925 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Instrument :
 BNA_G
 ClientSampled :
 PB116262BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.5	79.9	119.9
141	66.5	52.7	79.1

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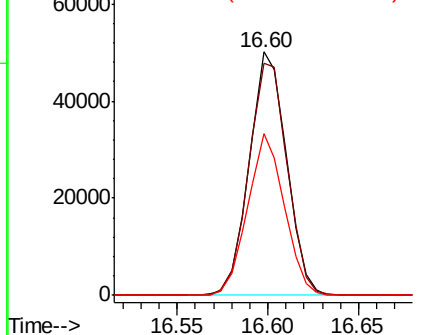


Abundance

Ion 248.00 (247.70 to 248.70): E

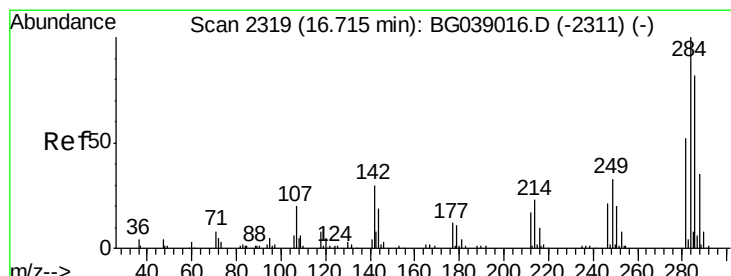
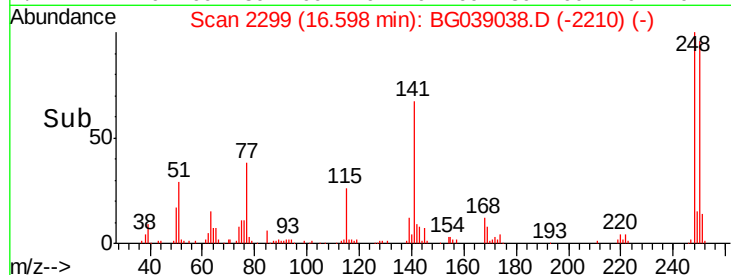
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



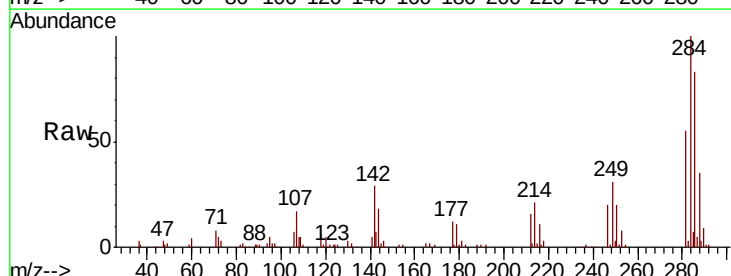
Sohil

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#68
 Hexachlorobenzene
 Concen: 30.853 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	24.3	36.5
249	34.1	27.8	41.8

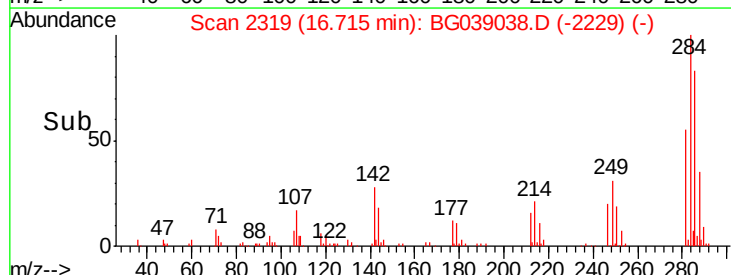
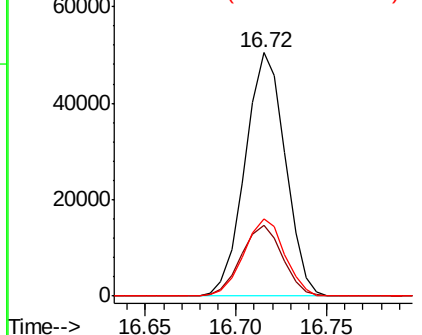


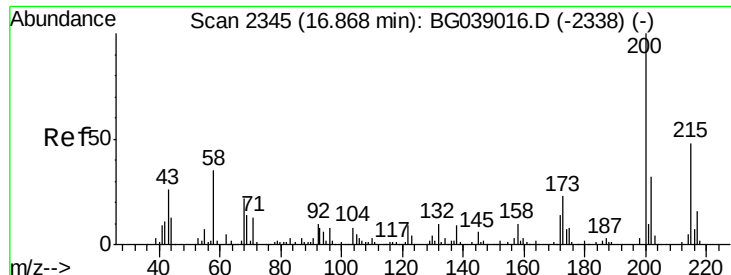
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



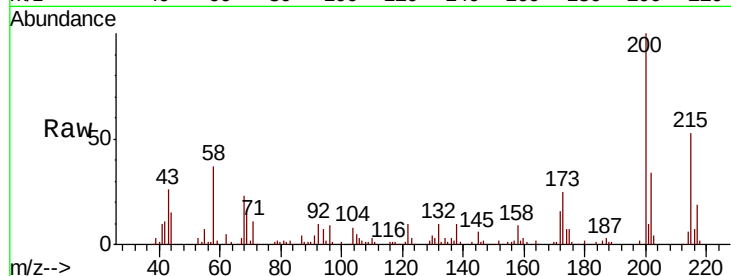


#69
Atrazine
Concen: 30.413 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

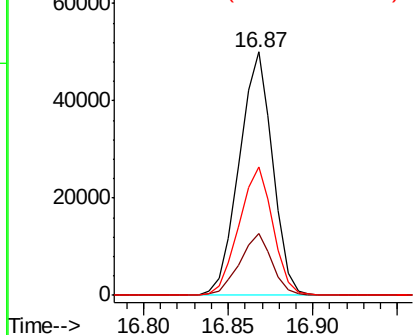
Instrument :
BNA_G
ClientSampled :
PB116262BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.3	2.6	42.6
215	52.6	28.0	68.0

Manual Integrations
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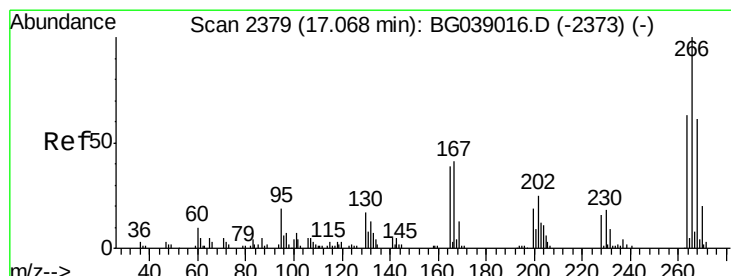
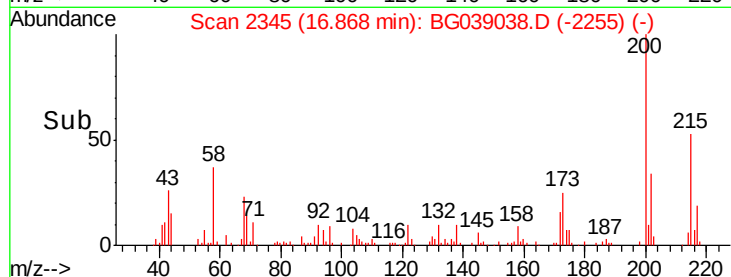


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



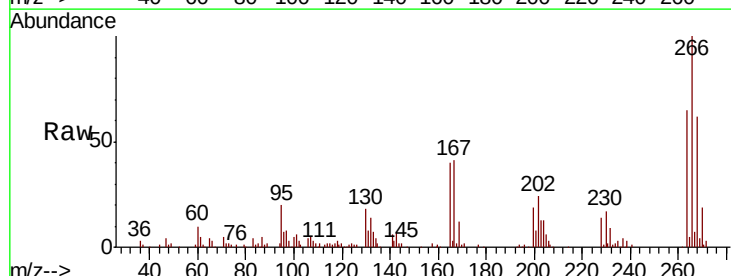
Sohil

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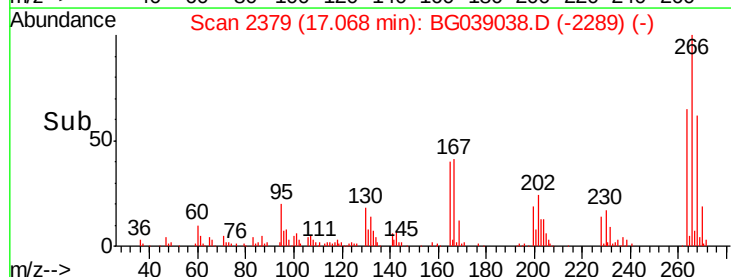
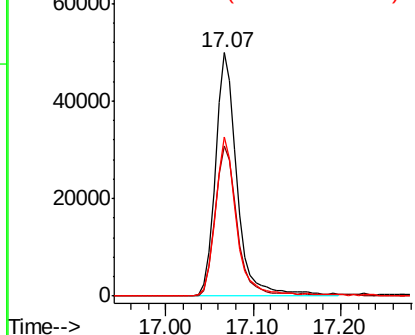


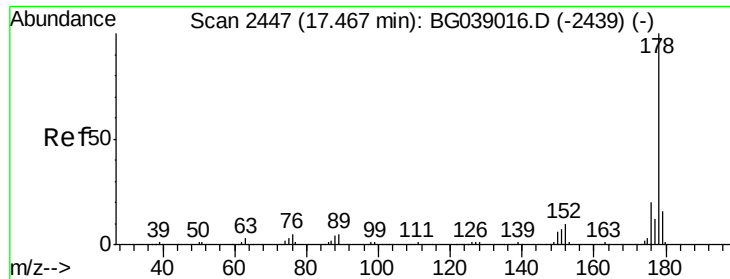
#70
Pentachlorophenol
Concen: 56.974 ng
RT: 17.07 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	52.0	78.0
264	65.4	54.6	81.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



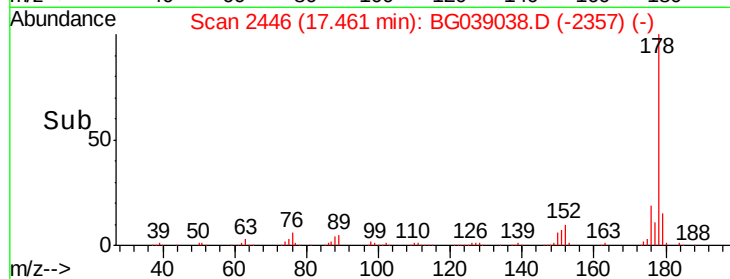
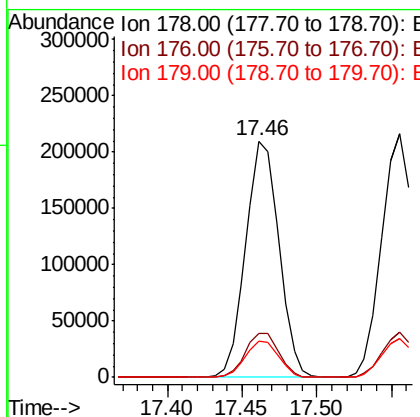
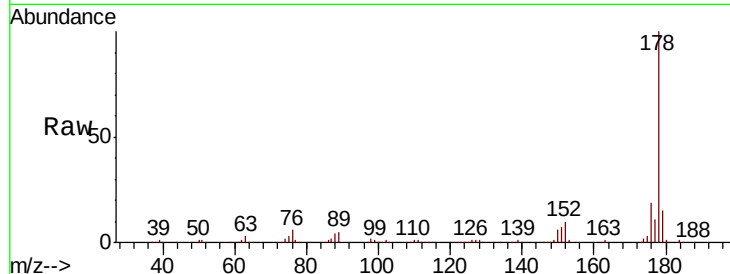


#71
Phenanthrene
Concen: 34.108 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

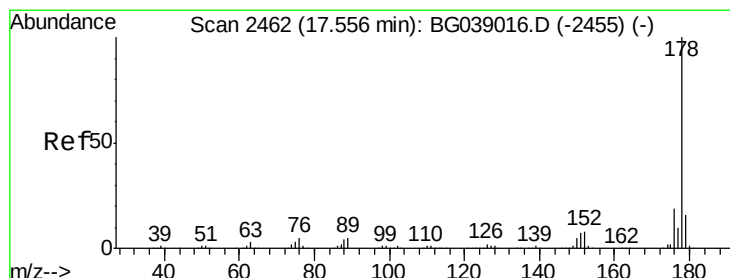
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.7	23.5
179	15.4	12.9	19.3

Manual Integrations
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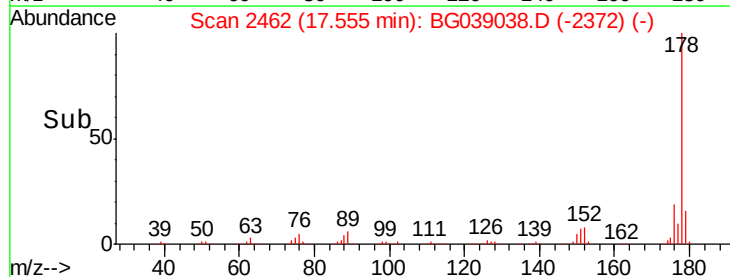
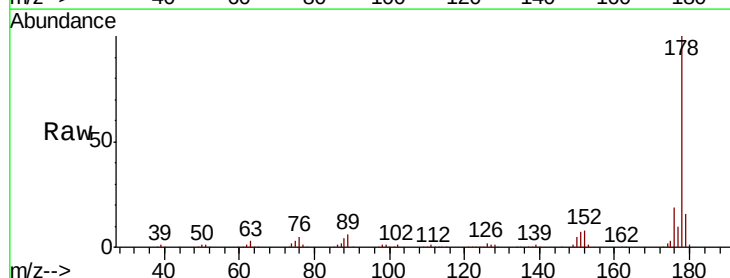
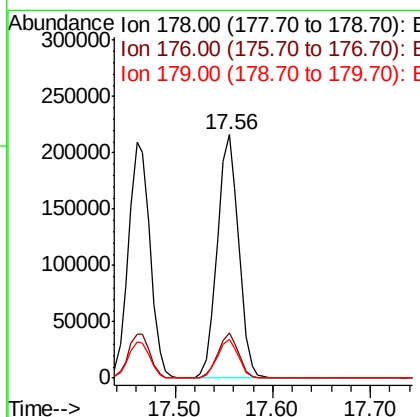
Sohil

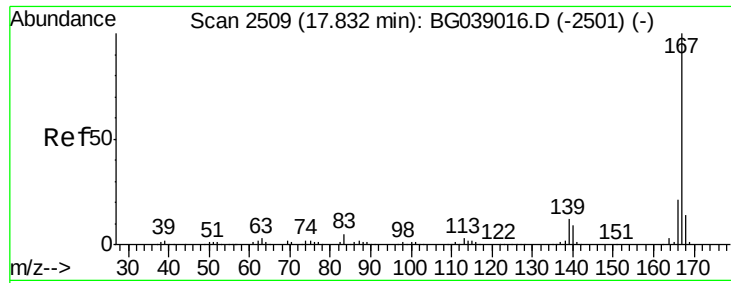
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#72
Anthracene
Concen: 34.876 ng
RT: 17.56 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.8	13.0	19.4



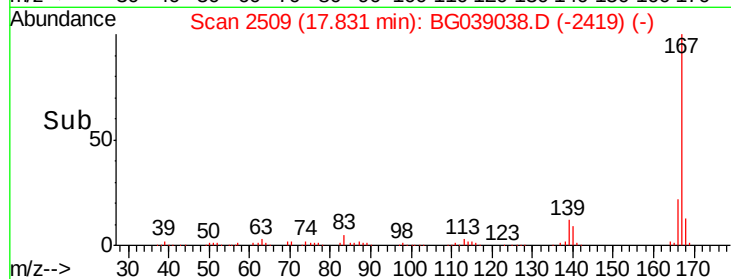
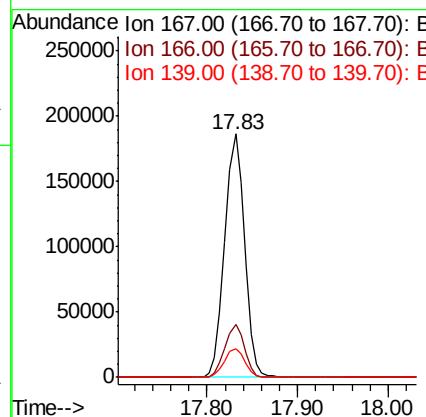
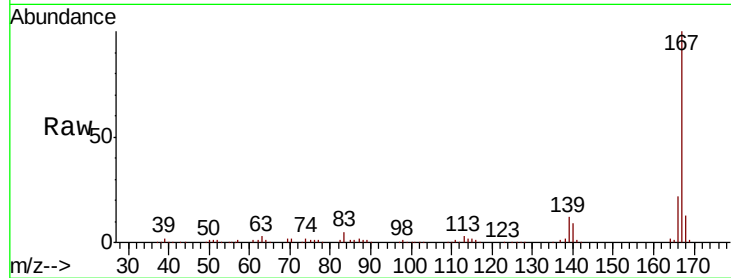


#73
 Carbazole
 Concen: 30.616 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Instrument :
 BNA_G
 ClientSampleID :
 PB116262BS

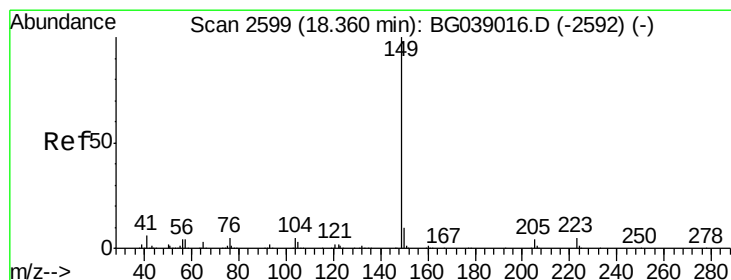
Tot Ion:	167	Resp:	283748
Ion Ratio	Lower	Upper	
167	100		
166	21.7	16.9	25.3
139	12.0	10.0	15.0

Manual Integrations
 APPROVED



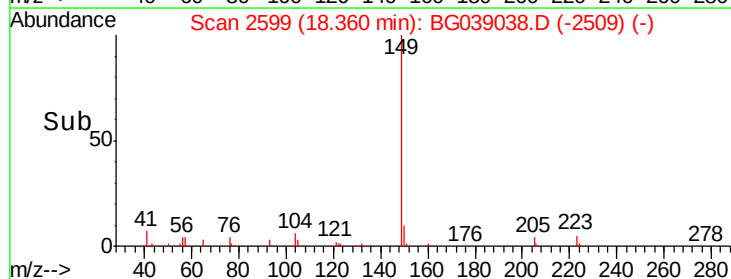
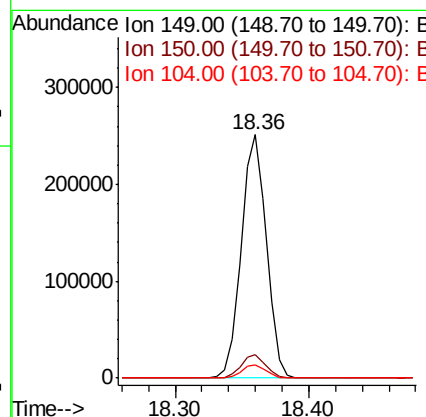
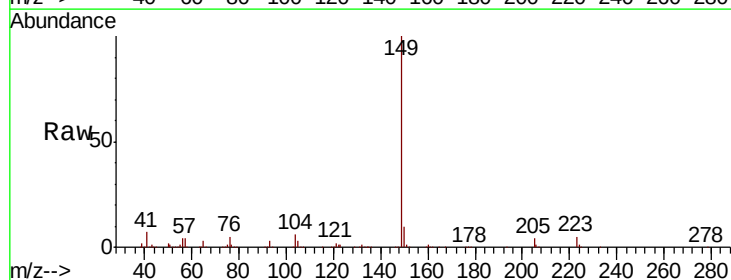
Sohil

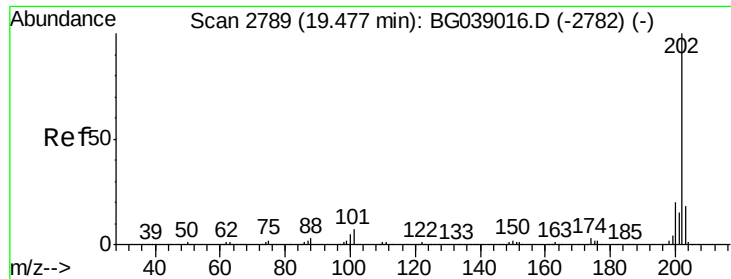
1/10/2019 3:15:26 PM



#74
 Di-n-butylphthalate
 Concen: 31.619 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039038.D
 Acq: 10 Jan 2019 2:21

Tgt Ion:	149	Resp:	326000
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.9	11.9
104	5.6	4.2	6.2



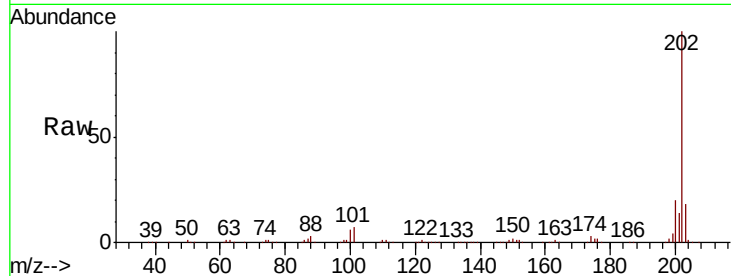


#75
Fluoranthene
Concen: 33.260 ng
RT: 19.47 min Scan# 2788
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

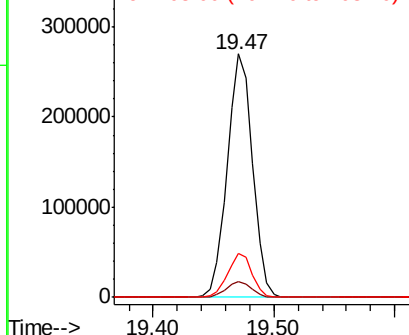
Instrument :
BNA_G
ClientSampled :
PB116262BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	6.6	0.0	26.9
203	17.9	0.0	38.1

Manual Integrations
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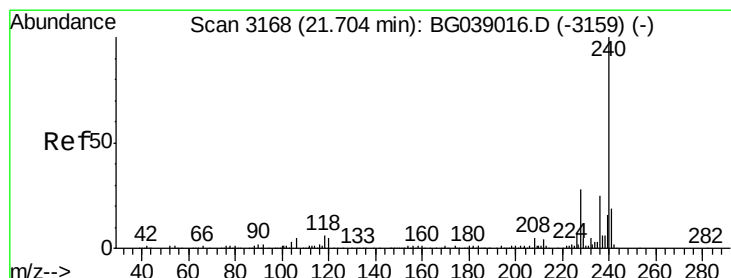
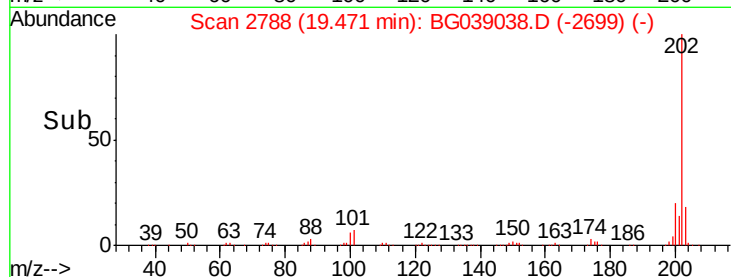


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



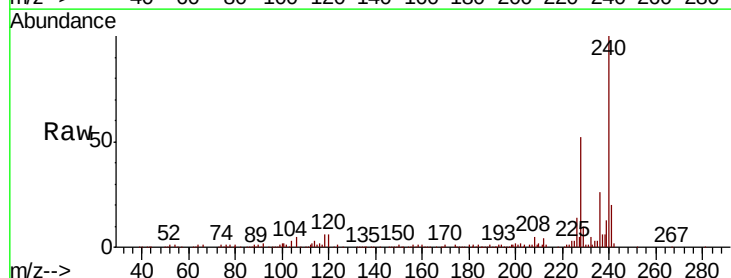
Sohil

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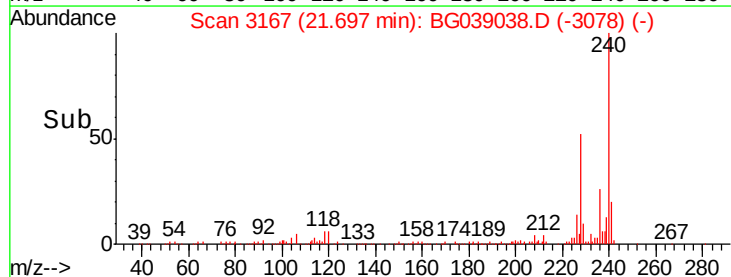
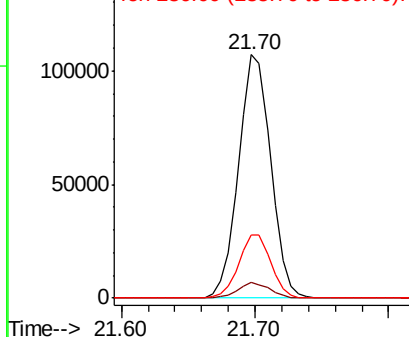


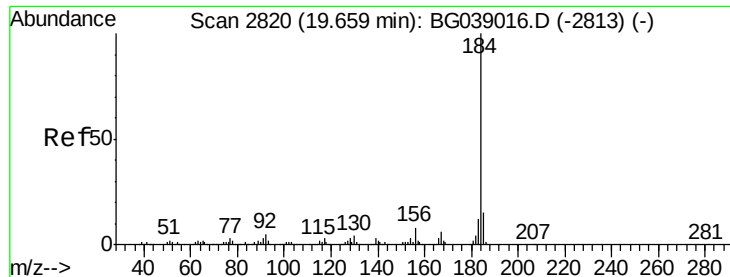
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	6.3	4.3	6.5
236	25.7	20.1	30.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.710 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

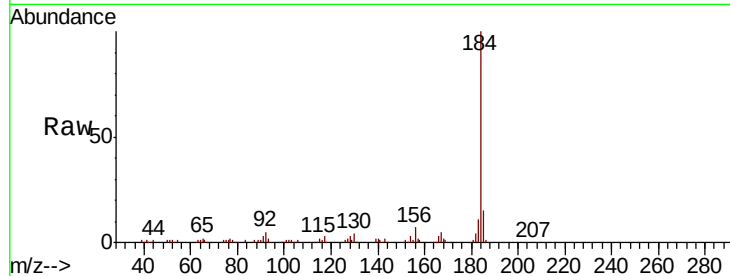
BNA_G

ClientSampleId :

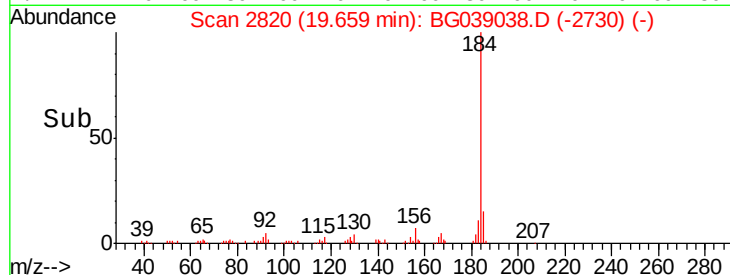
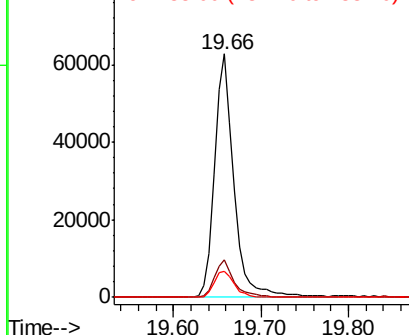
PB116262BS

Tot Ion:	184	Resp:	96454
Ion Ratio	Lower	Upper	
184	100		
185	15.2	12.1	18.1
183	10.8	9.5	14.3

Manual Integrations
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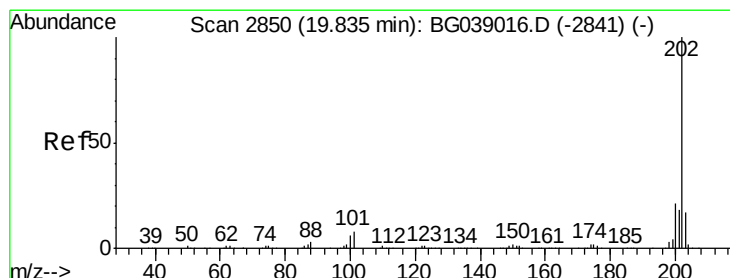


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



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#78

Pyrene

Concen: 34.531 ng

RT: 19.83 min Scan# 2850

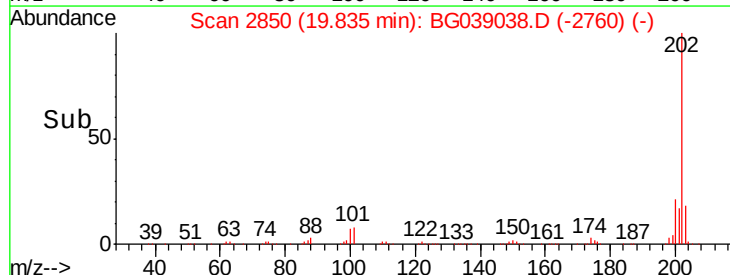
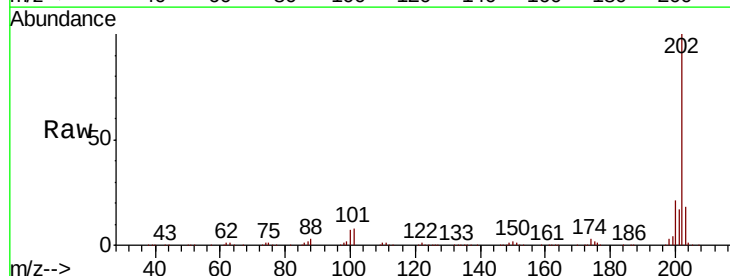
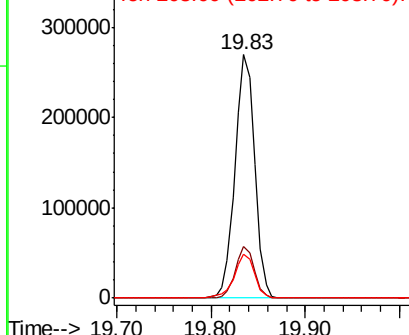
Delta R.T. -0.00 min

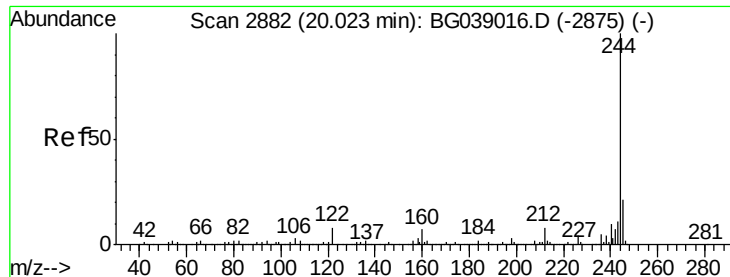
Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion:	202	Resp:	391865
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.0	25.6
203	17.8	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.827 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

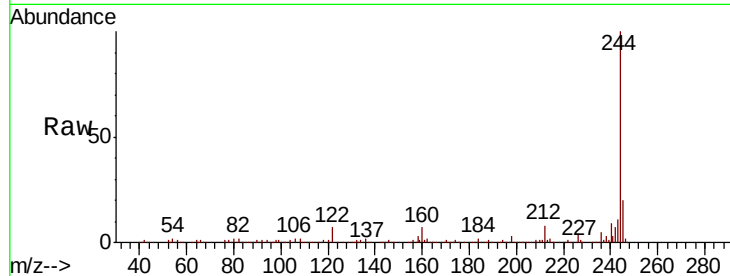
BNA_G

ClientSampled :

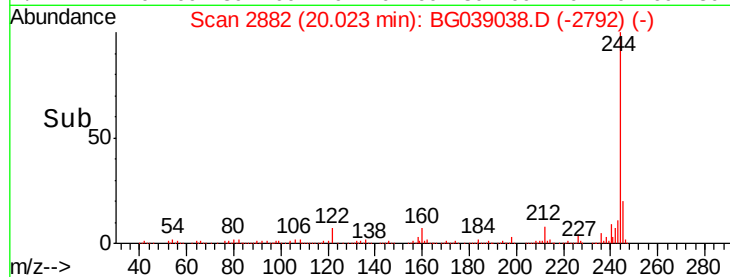
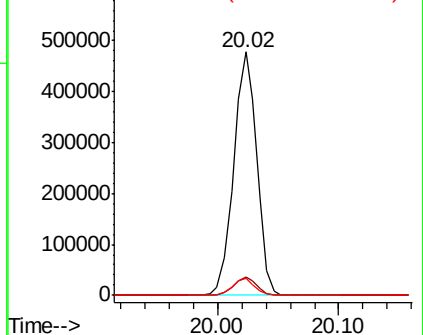
PB116262BS

Tot Ion:	244	Resp:	633643
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.1	9.1
122	6.9	6.1	9.1

Manual Integrations
APPROVED

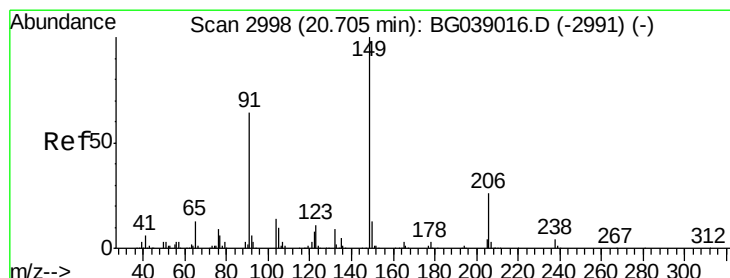


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



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#80

Butylbenzylphthalate

Concen: 33.301 ng

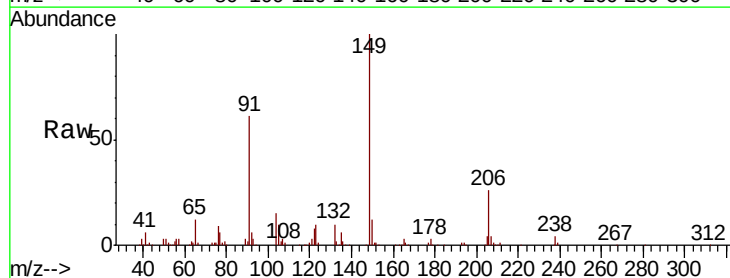
RT: 20.70 min Scan# 2998

Delta R.T. -0.00 min

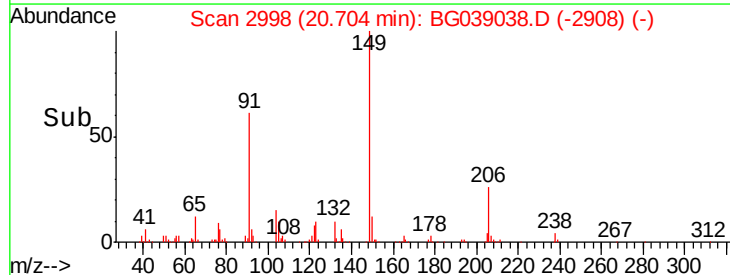
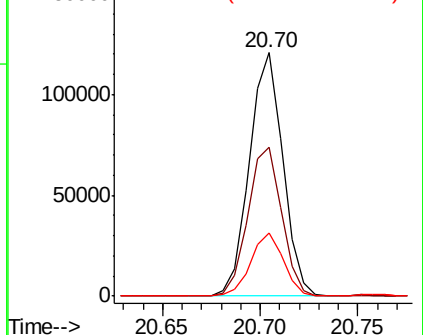
Lab File: BG039038.D

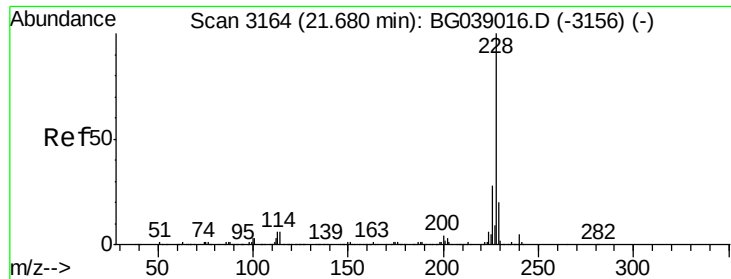
Acq: 10 Jan 2019 2:21

Tgt Ion:	149	Resp:	143732
Ion Ratio	Lower	Upper	
149	100		
91	61.2	51.4	77.0
206	25.7	20.4	30.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E



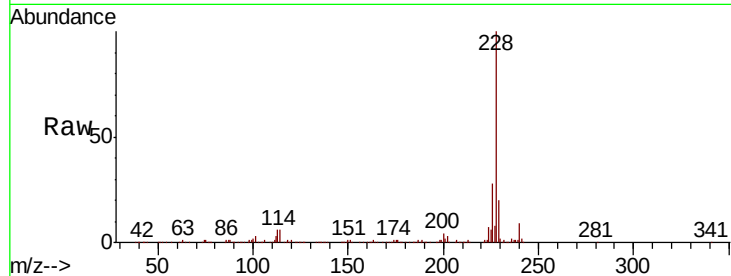


#81
Benzo(a)anthracene
Concen: 34.907 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.4	33.6
229	20.1	16.2	24.2

Manual Integrations
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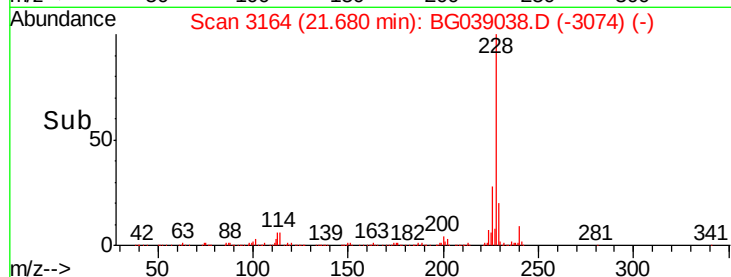
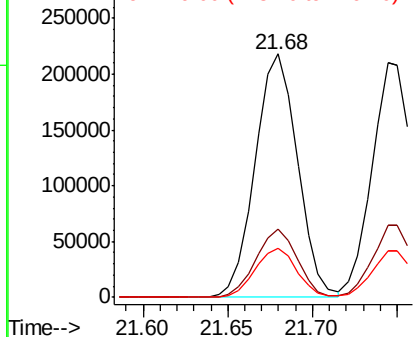


Abundance

Ion 228.00 (227.70 to 228.70): E

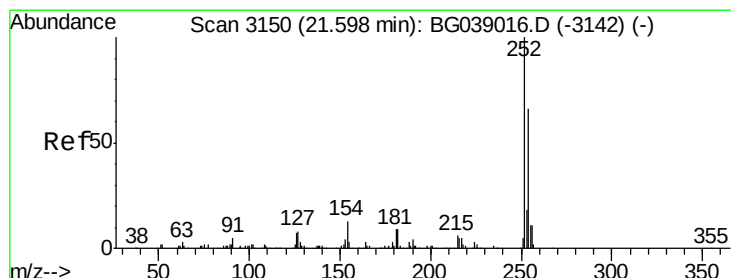
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Sohil

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#82
3,3'-Dichlorobenzidine
Concen: 16.837 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

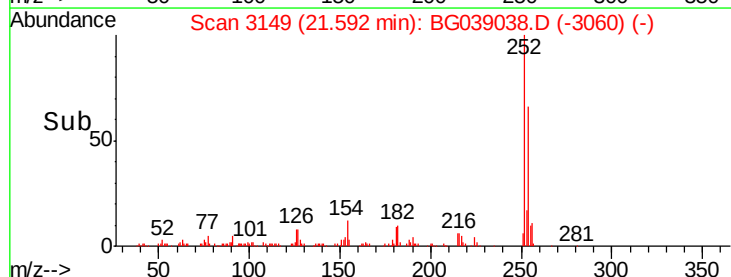
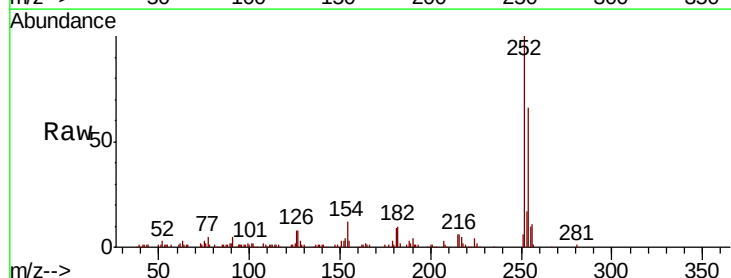
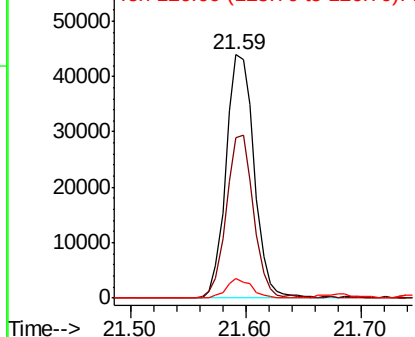
Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.0	79.6
126	7.9	6.0	9.0

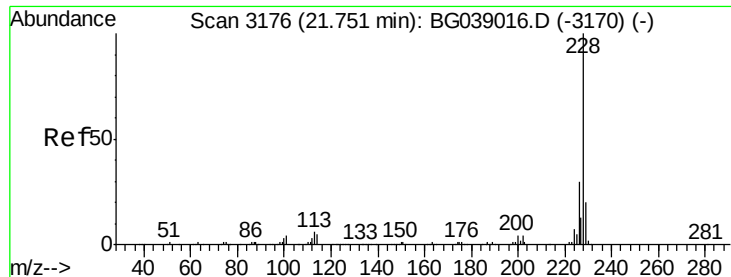
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



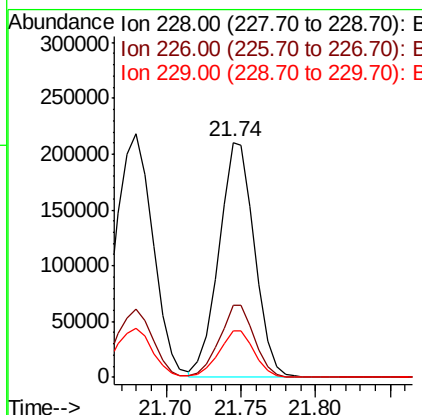
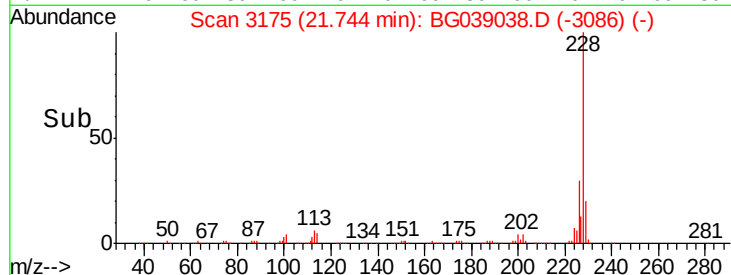
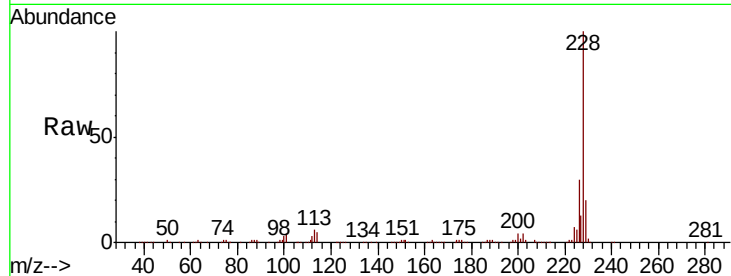


#83
Chrysene
Concen: 33.898 ng
RT: 21.74 min Scan# 3175
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

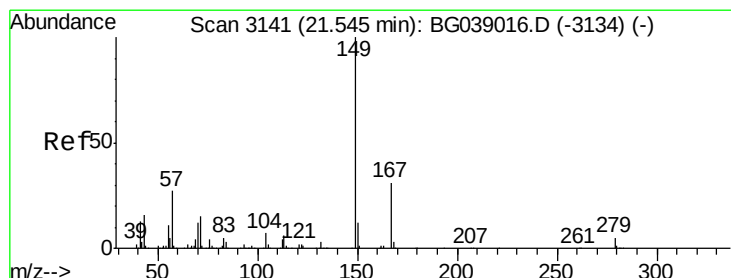
Tot Ion:	228	Resp:	349474
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.1	36.1
229	19.7	16.0	24.0

Manual Integrations
APPROVED



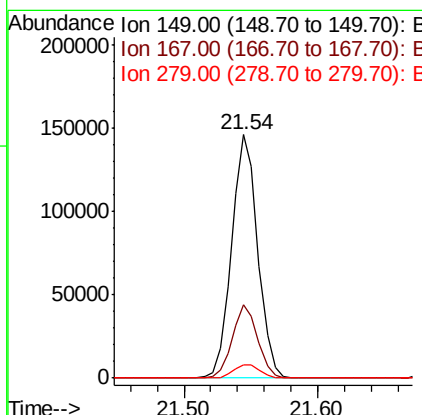
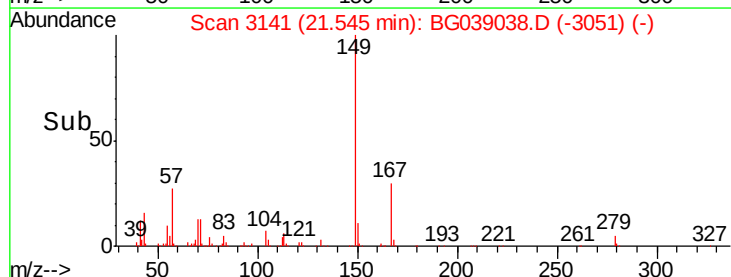
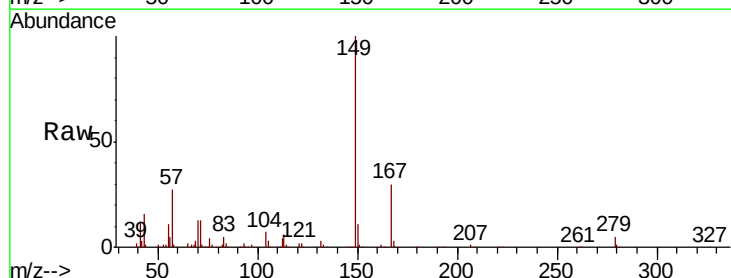
Sohil

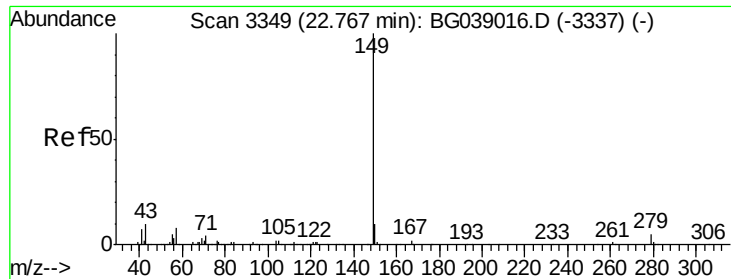
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#84
Bis(2-ethylhexyl)phthalate
Concen: 33.175 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion:	149	Resp:	198815
Ion Ratio	Lower	Upper	
149	100		
167	30.2	25.0	37.4
279	5.5	4.3	6.5



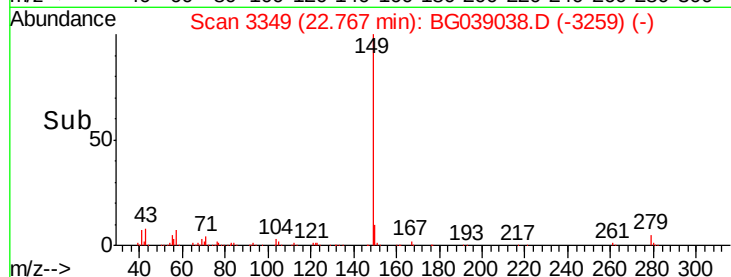
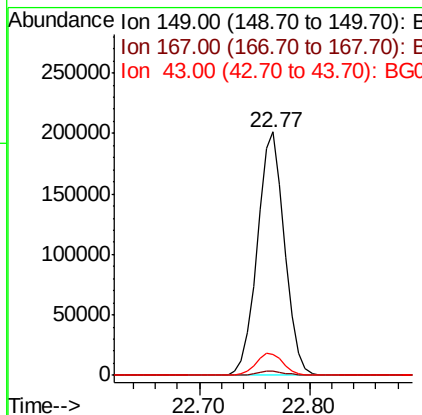
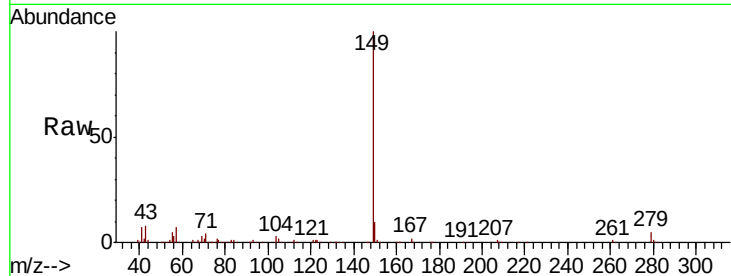


#85
Di-n-octyl phthalate
Concen: 34.232 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampleId :
PB116262BS

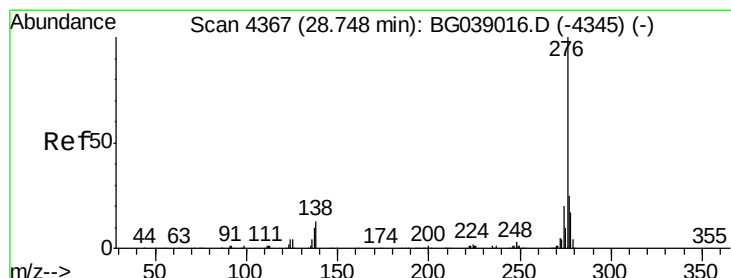
Tot Ion	Ratio	Resp	Lower	Upper
149	100	346892		
167	1.7		1.3	1.9
43	9.3		7.5	11.3

Manual Integrations
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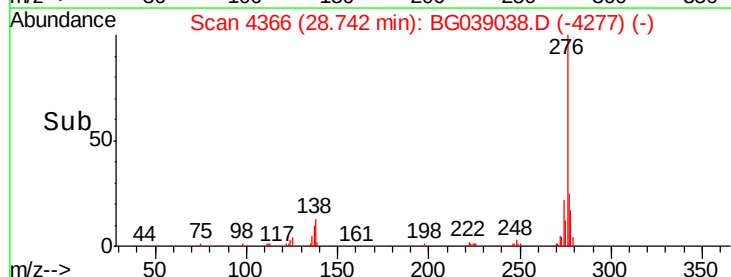
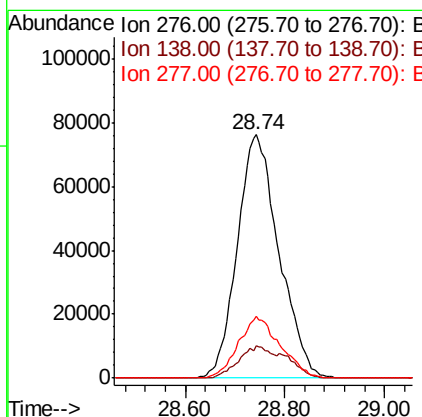
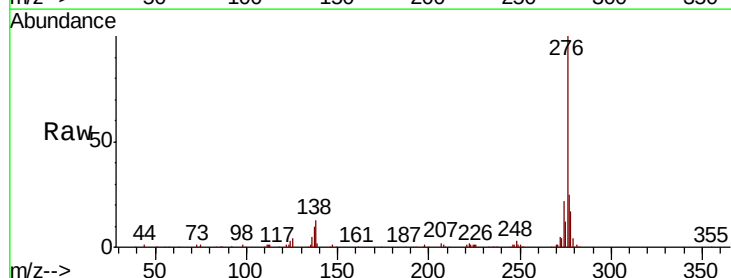
Sohil

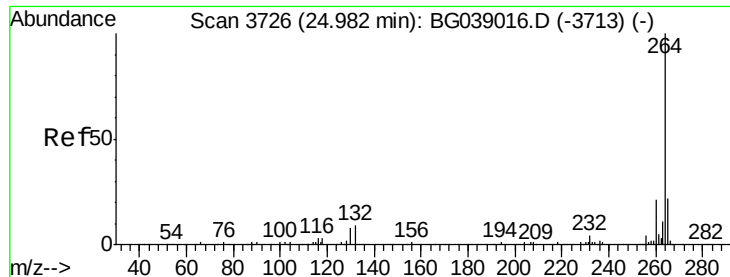
1/10/2019 3:15:26 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 35.911 ng
RT: 28.74 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	442392		
138	10.7		8.0	12.0
277	25.3		20.3	30.5



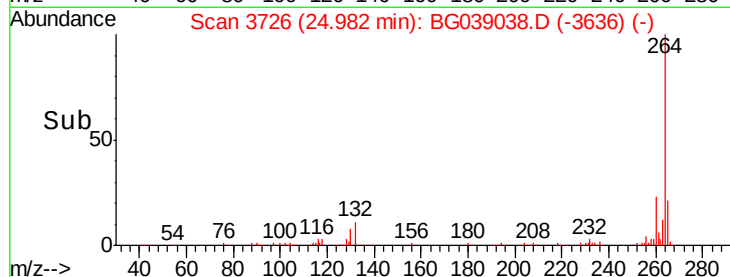
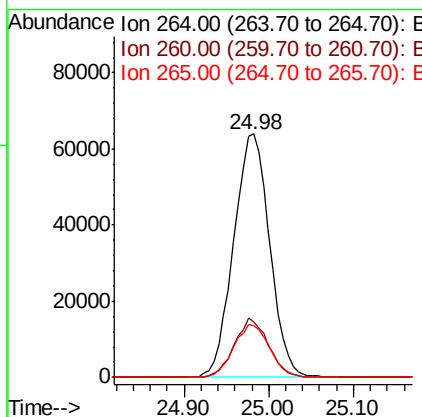
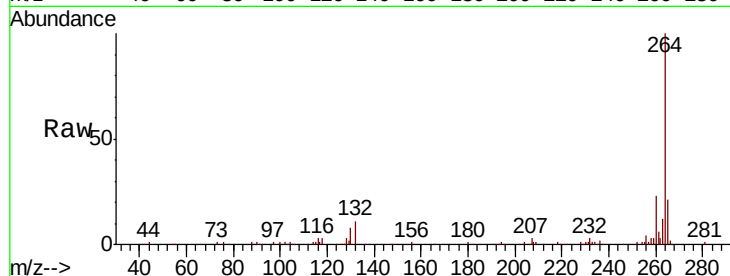


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.98 min Scan# 3726
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

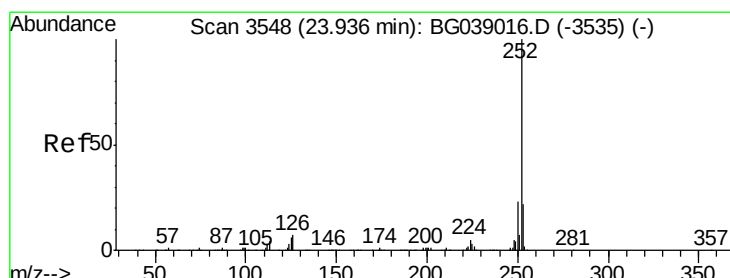
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.0	25.6
265	21.0	17.2	25.8

Manual Integrations
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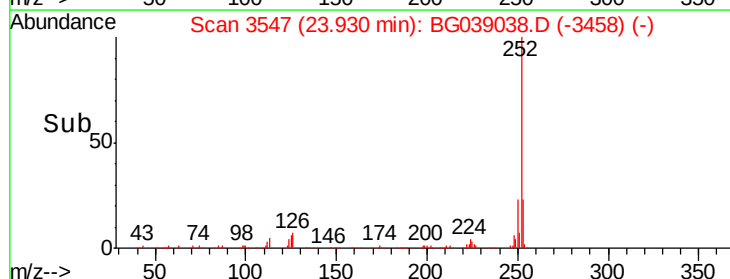
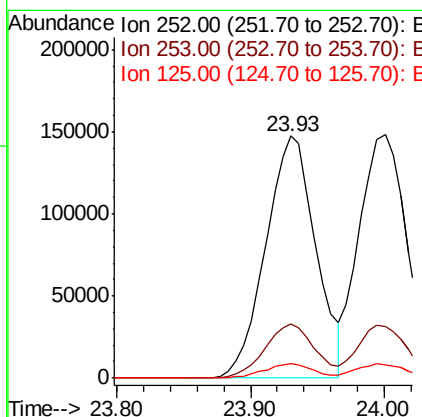
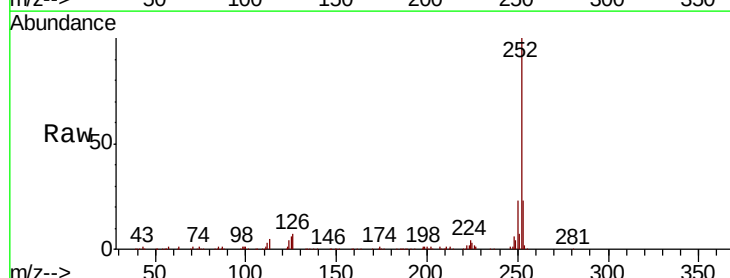
Sohil

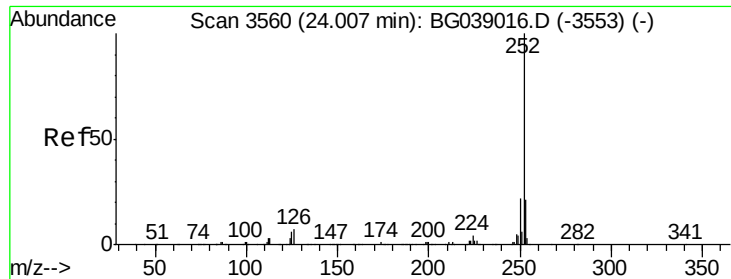
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#88
Benzo(b)fluoranthene
Concen: 36.940 ng
RT: 23.93 min Scan# 3547
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	6.1	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 35.639 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.01 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Instrument :

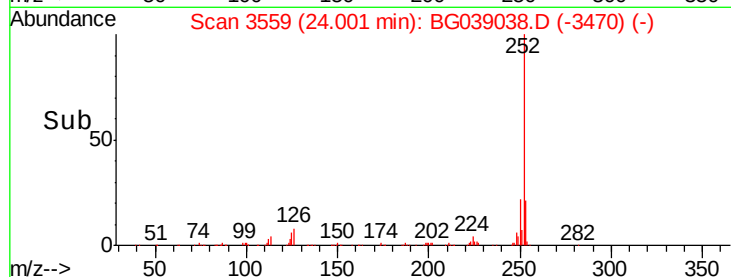
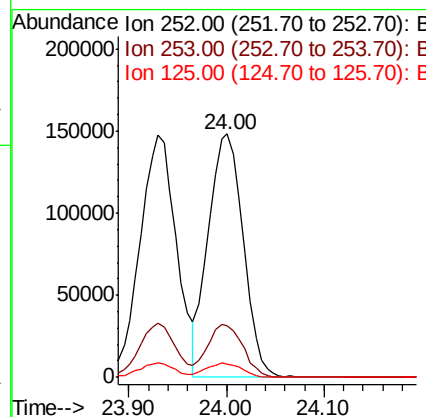
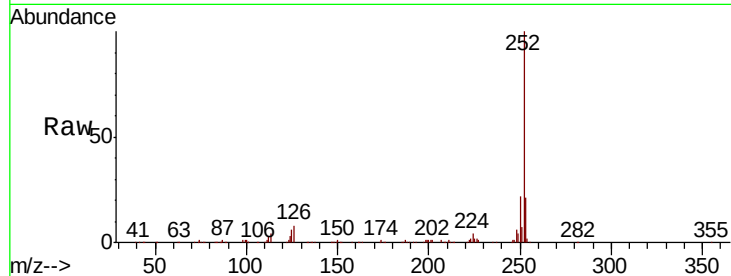
BNA_G

ClientSampleId :

PB116262BS

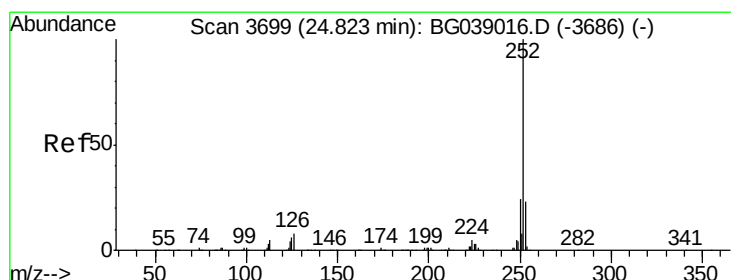
Tot Ion:	252	Resp:	366337
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.1	25.7
125	5.6	4.6	7.0

Manual Integrations
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Sohil

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#90

Benzo(a)pyrene

Concen: 36.841 ng

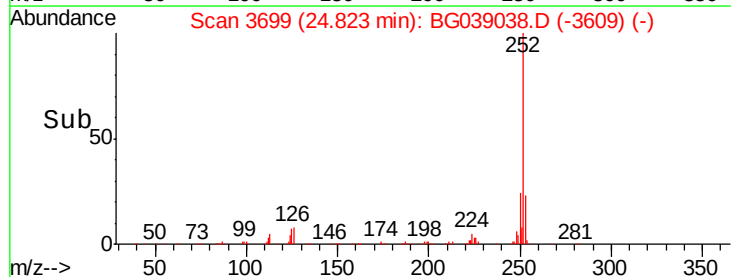
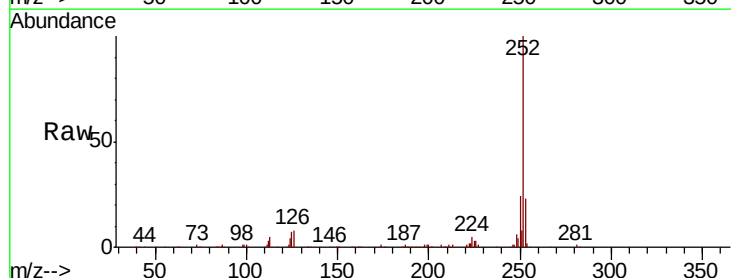
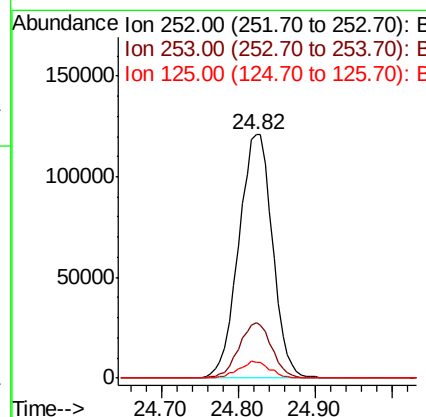
RT: 24.82 min Scan# 3699

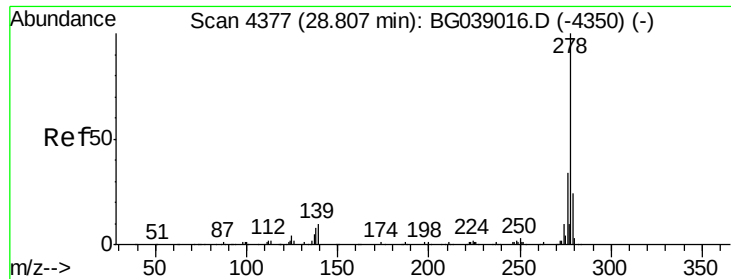
Delta R.T. -0.00 min

Lab File: BG039038.D

Acq: 10 Jan 2019 2:21

Tgt Ion:	252	Resp:	370209
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.3	27.5
125	6.7	4.9	7.3



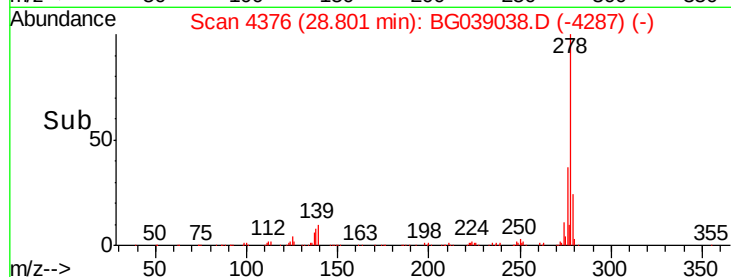
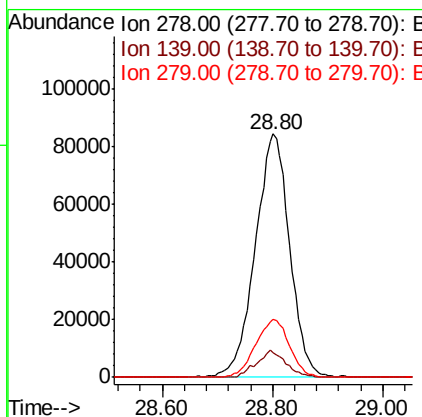
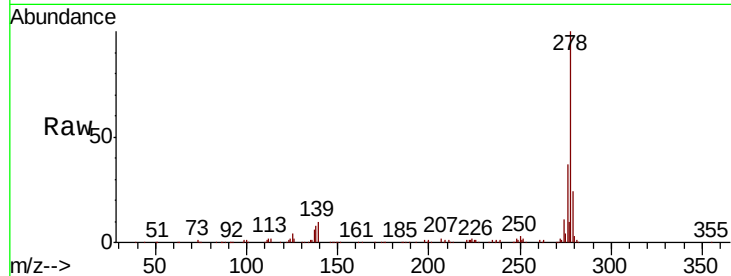


#91
Dibenzo(a,h)anthracene
Concen: 36.527 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Instrument :
BNA_G
ClientSampled :
PB116262BS

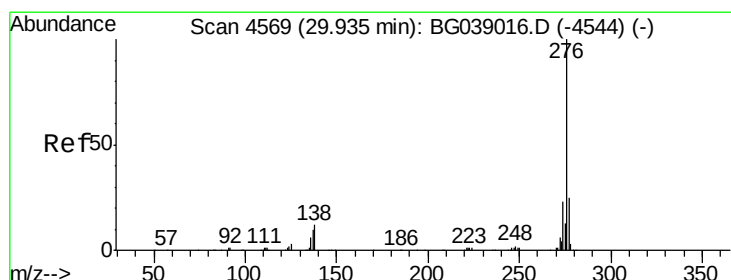
Tot Ion:278	Resp:	365103
Ion Ratio	Lower	Upper
278 100		
139 10.2	7.9	11.9
279 24.0	19.3	28.9

Manual Integrations
APPROVED



Sohil

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#92
Benzo(g,h,i)perylene
Concen: 36.901 ng
RT: 29.93 min Scan# 4569
Delta R.T. -0.00 min
Lab File: BG039038.D
Acq: 10 Jan 2019 2:21

Tgt Ion:276	Resp:	365142
Ion Ratio	Lower	Upper
276 100		
277 22.5	20.3	30.5
138 11.3	9.4	14.2

