

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039023.D
 Acq On : 9 Jan 2019 16:33
 Operator : JU/SJ
 Sample : PB116250BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Manual Integrations
 APPROVED

Sohil
 1/10/2019 3:15:23 PM

Quant Time: Jan 10 04:33:08 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	20815	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	91492	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	69757	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	185545	20.00	ng	0.00
76) Chrysene-d12	21.70	240	195452	20.00	ng	0.00
87) Perylene-d12	24.98	264	191239	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	175757	160.18	ng	0.00
7) Phenol-d6	7.19	99	242527	153.58	ng	0.00
23) Nitrobenzene-d5	9.21	82	120524	72.08	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	157072	134.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	350016	68.67	ng	0.00
79) Terphenyl-d14	20.03	244	748621	70.85	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.45	88	14275	33.221	ng	95
3) Pyridine	3.86	79	38878	33.298	ng	95
4) n-Nitrosodimethylamine	3.78	42	24481	46.595	ng	89
6) Aniline	7.36	93	70729	37.295	ng	97
8) 2-Chlorophenol	7.59	128	64797	50.096	ng	97
9) Benzaldehyde	7.17	77	11778	12.933	ng	92
10) Phenol	7.22	94	82615	52.183	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	50268	41.543	ng	97
12) 1,3-Dichlorobenzene	7.91	146	61769	39.858	ng	97
13) 1,4-Dichlorobenzene	8.06	146	64192	40.900	ng	97
14) 1,2-Dichlorobenzene	8.38	146	62779	41.952	ng	96
15) Benzyl Alcohol	8.28	79	56938	47.879	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	99628	42.939	ng	98
17) 2-Methylphenol	8.48	107	56069	51.003	ng	95
18) Hexachloroethane	9.10	117	22462	42.126	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	45081	43.474	ng	# 97
20) 3+4-Methylphenols	8.80	107	78227	49.910	ng	98
22) Acetophenone	8.86	105	92455	38.695	ng	# 96
24) Nitrobenzene	9.25	77	69381	41.053	ng	98
25) Isophorone	9.76	82	136588	47.424	ng	99
26) 2-Nitrophenol	9.96	139	38949	42.608	ng	97
27) 2,4-Dimethylphenol	10.01	122	70002	54.431	ng	91
28) bis(2-Chloroethoxy)methane	10.25	93	76499	44.194	ng	99
29) 2,4-Dichlorophenol	10.50	162	76520	47.894	ng	94
30) 1,2,4-Trichlorobenzene	10.71	180	76387	39.791	ng	95
31) Naphthalene	10.90	128	201604	43.935	ng	99
32) Benzoic acid	10.18	122	32622	42.573	ng	98
33) 4-Chloroaniline	11.01	127	66202	32.242	ng	99
34) Hexachlorobutadiene	11.16	225	50422	38.172	ng	96
35) Caprolactam	11.80	113	27050m	42.221	ng	
36) 4-Chloro-3-methylphenol	12.13	107	80310	46.997	ng	96
37) 2-Methylnaphthalene	12.50	142	162352	47.191	ng	98
38) 1-Methylnaphthalene	12.72	142	154804m	46.879	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	101967	38.922	ng	99

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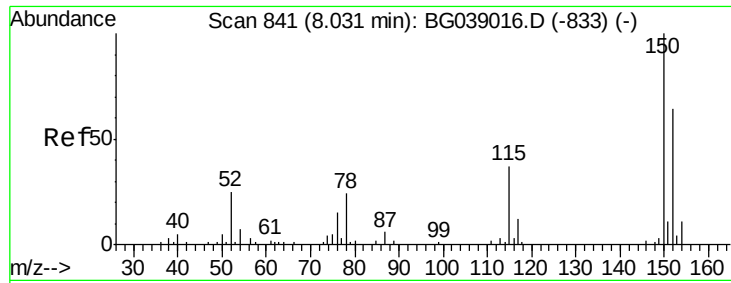
Manual Integrations
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 1/10/2019 3:15:23 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	119776	81.094	nq	100
43) 2,4,6-Trichlorophenol	13.11	196	72900	44.213	nq	94
44) 2,4,5-Trichlorophenol	13.19	196	76864	44.107	nq	99
46) 1,1'-Biphenyl	13.51	154	220204	39.839	nq	99
47) 2-Chloronaphthalene	13.55	162	182725	40.851	nq	99
48) 2-Nitroaniline	13.77	65	54323	43.351	nq	92
49) Acenaphthylene	14.40	152	297316	44.223	nq	100
50) Dimethylphthalate	14.12	163	252644	42.859	nq	98
51) 2,6-Dinitrotoluene	14.26	165	57705	43.785	nq	96
52) Acenaphthene	14.74	154	171115	42.362	nq	96
53) 3-Nitroaniline	14.59	138	43060	32.208	nq	95
54) 2,4-Dinitrophenol	14.80	184	77592	97.230	nq	98
55) Dibenzofuran	15.07	168	301706	42.291	nq	98
56) 4-Nitrophenol	14.90	139	88960	92.477	nq	97
57) 2,4-Dinitrotoluene	15.04	165	83768	44.303	nq	# 97
58) Fluorene	15.72	166	240557	44.797	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	79924	48.585	nq	97
60) Diethylphthalate	15.48	149	260798	42.941	nq	99
61) 4-Chlorophenyl-phenylether	15.71	204	138383	40.904	nq	99
62) 4-Nitroaniline	15.76	138	57437	41.240	nq	96
63) Azobenzene	16.00	77	197099	41.498	nq	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	58059	42.236	nq	94
66) n-Nitrosodiphenylamine	15.93	169	227168	41.300	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	95759	40.149	nq	99
68) Hexachlorobenzene	16.72	284	102757	39.483	nq	98
69) Atrazine	16.87	200	94768	40.556	nq	95
70) Pentachlorophenol	17.07	266	114467	71.825	nq	99
71) Phenanthrene	17.47	178	428439	43.686	nq	99
72) Anthracene	17.56	178	435108	44.871	nq	99
73) Carbazole	17.84	167	391281	40.875	nq	99
74) Di-n-butylphthalate	18.36	149	456963	42.911	nq	99
75) Fluoranthene	19.47	202	544925	44.820	nq	99
77) Benzidine	19.66	184	198529	33.209	nq	99
78) Pyrene	19.84	202	540980	43.432	nq	98
80) Butylbenzylphthalate	20.70	149	203224	42.897	nq	99
81) Benzo(a)anthracene	21.68	228	531112	44.638	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	165338	34.106	nq	99
83) Chrysene	21.75	228	491969	43.475	nq	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	284427	43.239	nq	96
85) Di-n-octyl phthalate	22.76	149	487847	43.860	nq	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	619276	45.799	nq	# 96
88) Benzo(b)fluoranthene	23.93	252	541183	51.322	nq	100
89) Benzo(k)fluoranthene	24.00	252	509495	48.868	nq	97
90) Benzo(a)pyrene	24.83	252	522526	51.266	nq	98
91) Dibenzo(a,h)anthracene	28.80	278	513655	50.666	nq	100
92) Benzo(g,h,i)perylene	29.94	276	507599	50.575	nq	97

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



#1

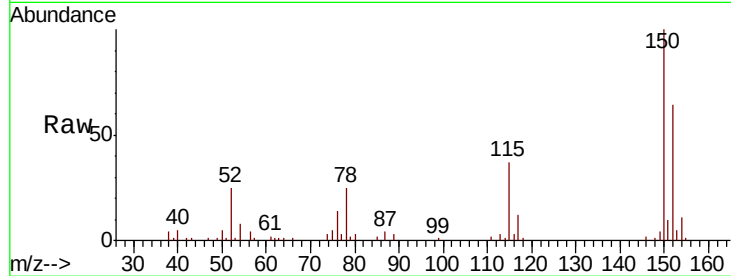
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.7	187.1
115	57.7	46.5	69.7

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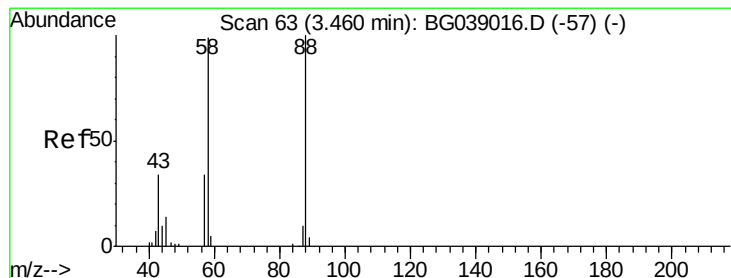
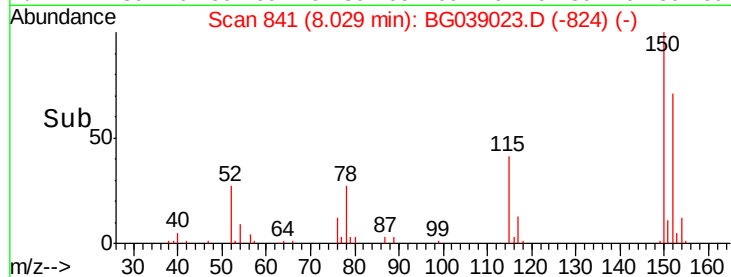
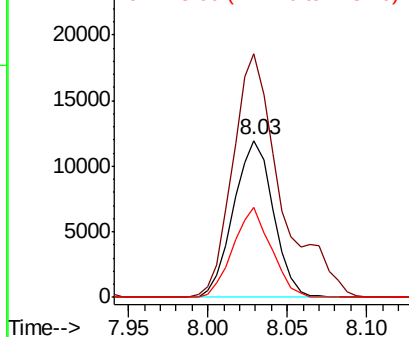


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

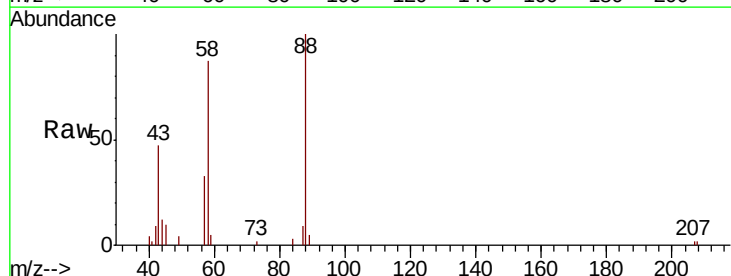
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.221 ng
RT: 3.45 min Scan# 62
Delta R.T. -0.01 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.9	72.4	108.6
43	37.6	27.6	41.4

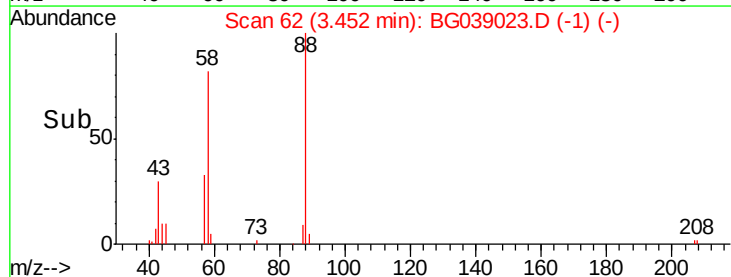
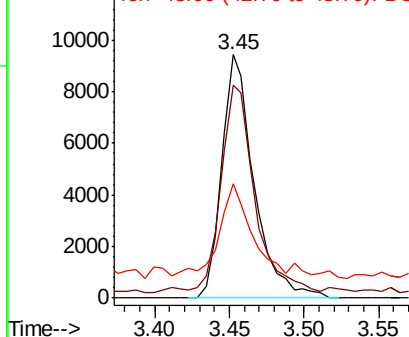


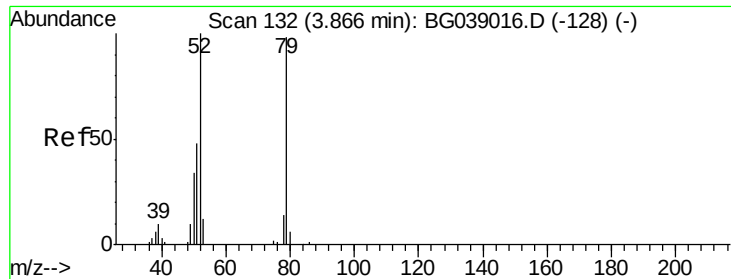
Abundance

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: 33.298 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

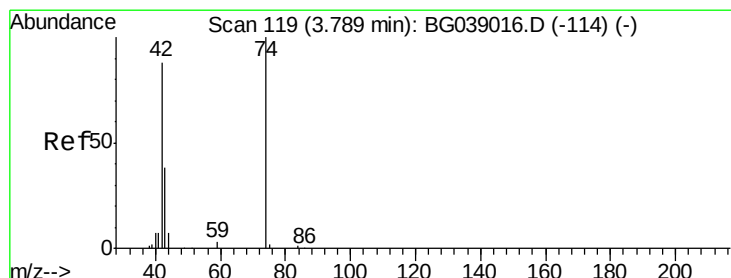
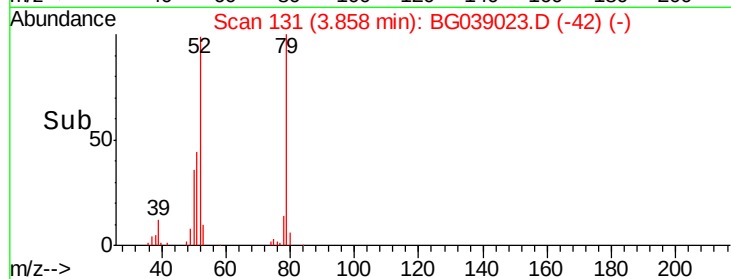
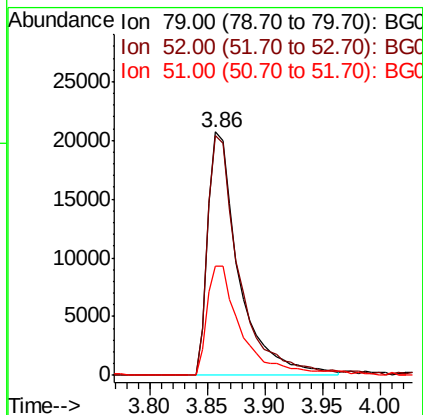
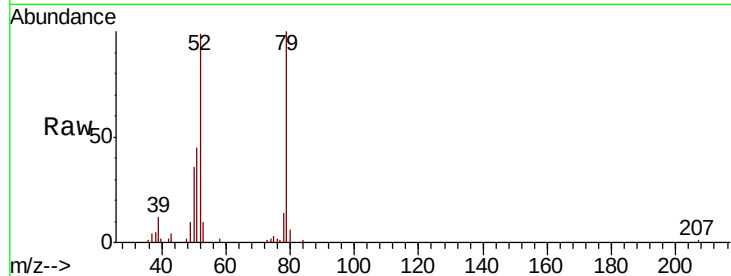
ClientSampled :

PB116250BS

Tot Ion:	79	Resp:	38878
Ion	Ratio	Lower	Upper
79	100		
52	98.5	81.5	122.3
51	44.9	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 46.595 ng

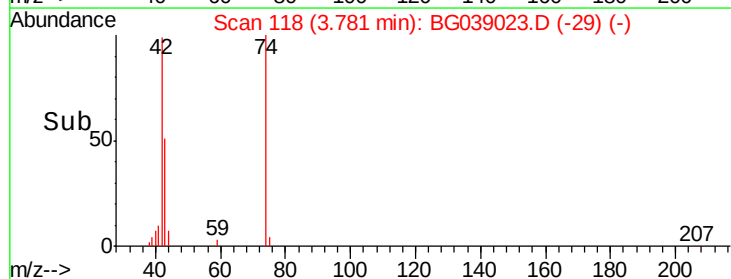
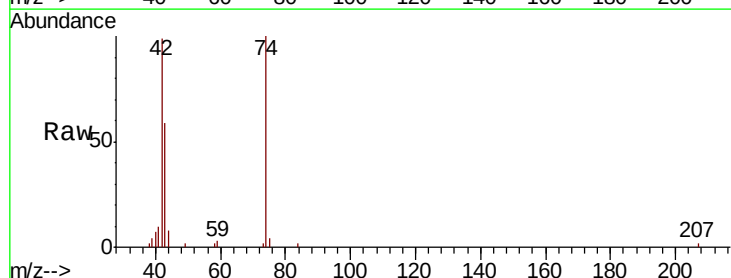
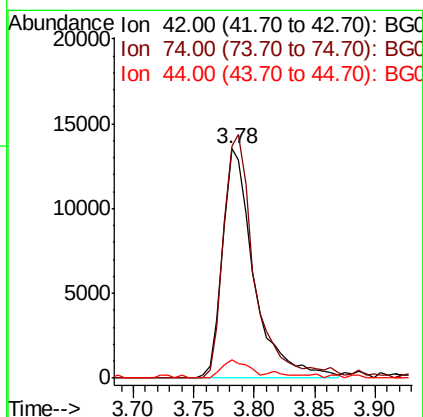
RT: 3.78 min Scan# 118

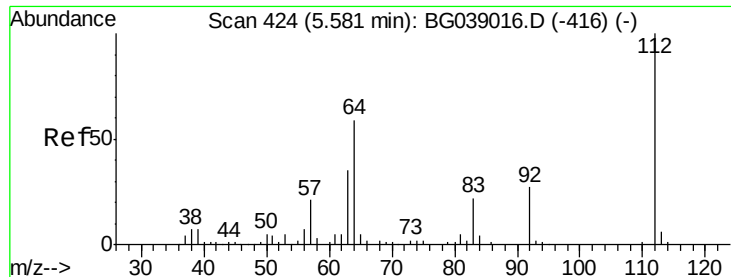
Delta R.T. -0.01 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	42	Resp:	24481
Ion	Ratio	Lower	Upper
42	100		
74	101.0	90.7	136.1
44	7.9	6.5	9.7





#5

2-Fluorophenol

Concen: 160.177 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

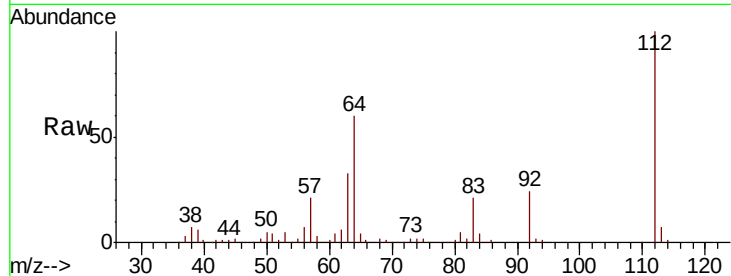
ClientSampled :

PB116250BS

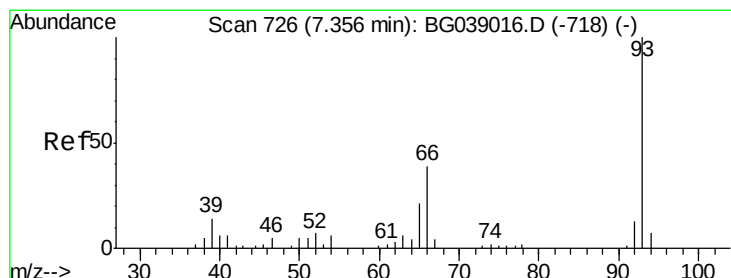
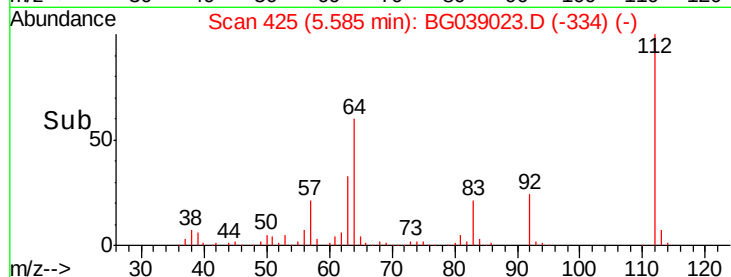
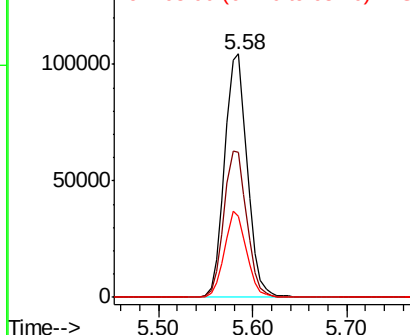
Tot Ion:	112	Resp:	175757
Ion Ratio	Lower	Upper	
112	100		
64	59.5	47.0	70.6
63	33.5	28.0	42.0

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 37.295 ng

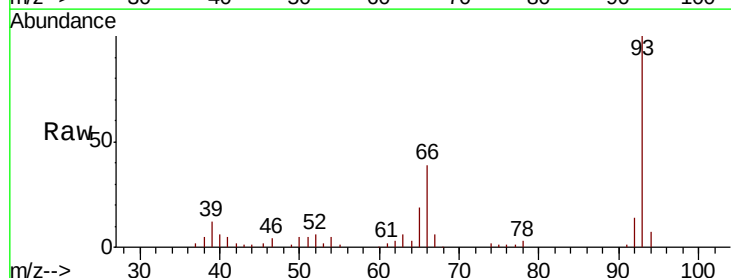
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

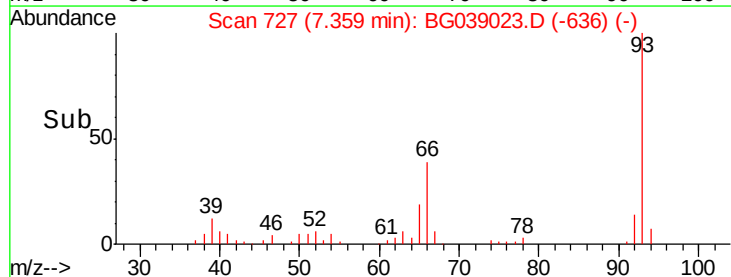
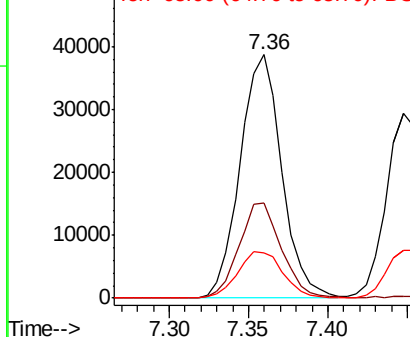
Lab File: BG039023.D

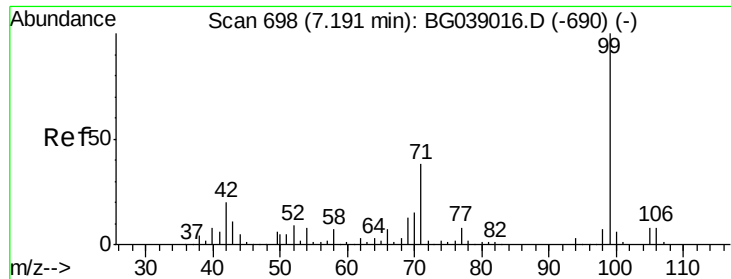
Acq: 9 Jan 2019 16:33

Tgt Ion:	93	Resp:	70729
Ion Ratio	Lower	Upper	
93	100		
66	39.3	30.9	46.3
65	18.7	17.0	25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.584 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

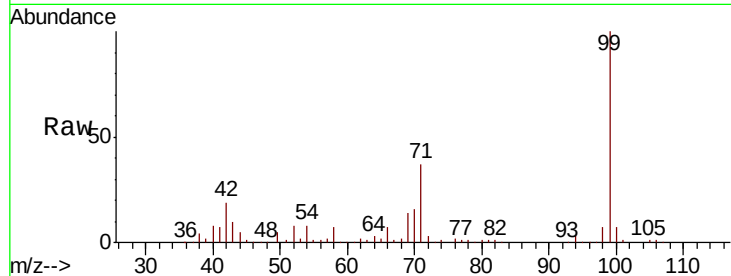
ClientSampleId :

PB116250BS

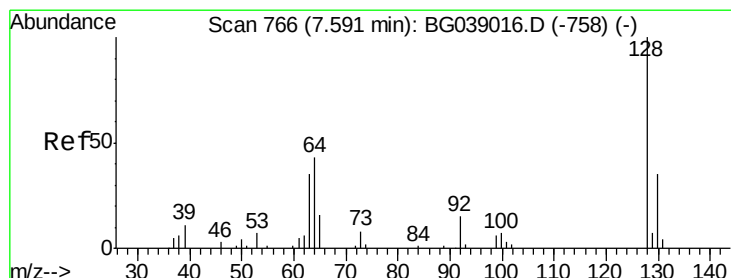
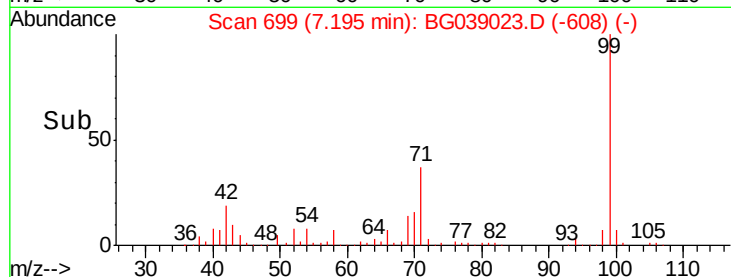
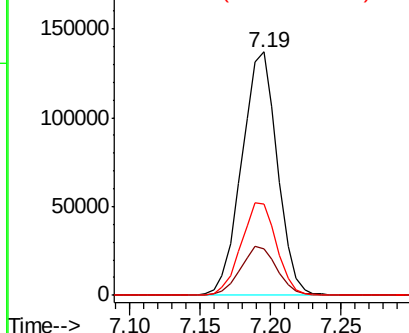
Tot Ion:	99	Resp:	242527
Ion Ratio	Lower	Upper	
99	100		
42	19.1	15.8	23.6
71	37.3	30.2	45.4

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



#8

2-Chlorophenol

Concen: 50.096 ng

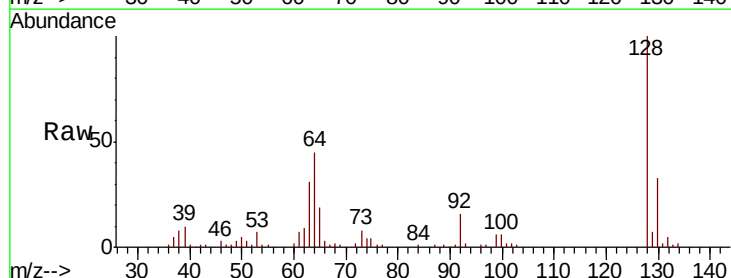
RT: 7.59 min Scan# 767

Delta R.T. 0.00 min

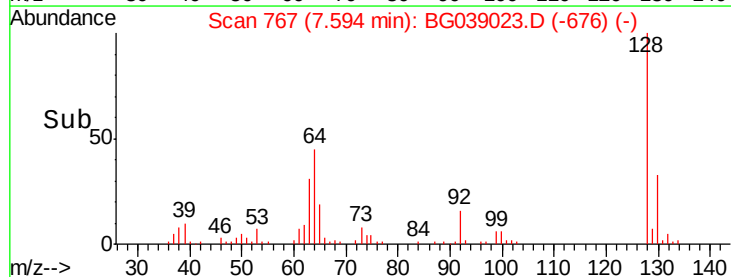
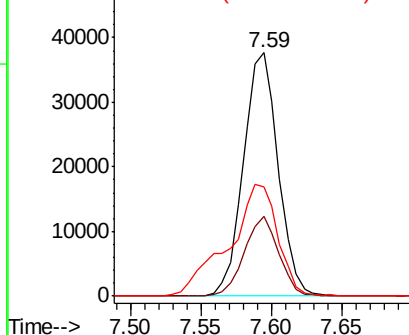
Lab File: BG039023.D

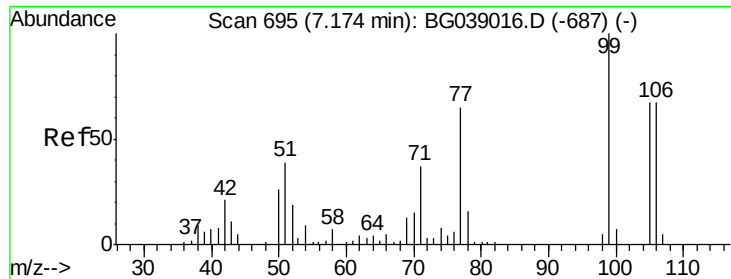
Acq: 9 Jan 2019 16:33

Tgt Ion:	128	Resp:	64797
Ion Ratio	Lower	Upper	
128	100		
130	32.7	14.5	54.5
64	44.8	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: 12.933 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampled :

PB116250BS

Tot Ion: 77 Resp: 11778

Ion Ratio Lower Upper

77 100

105 99.0 82.4 122.4

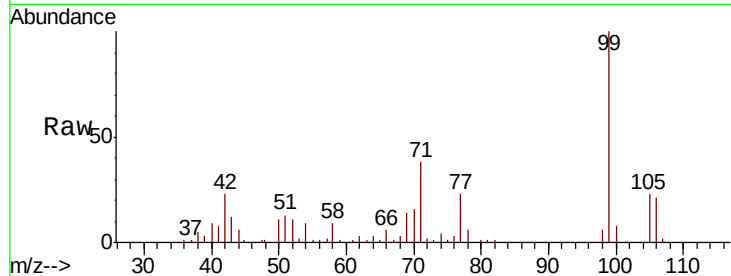
106 90.4 82.8 122.8

Manual Integrations

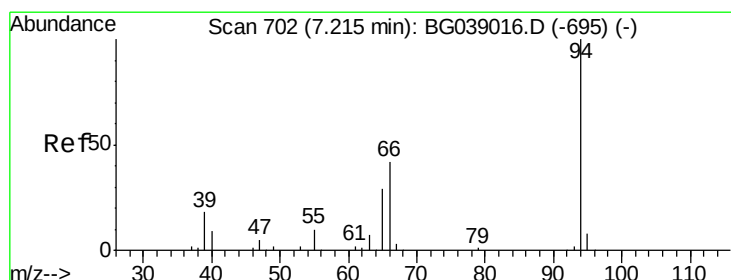
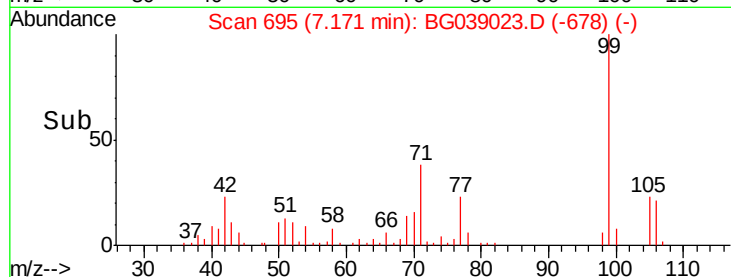
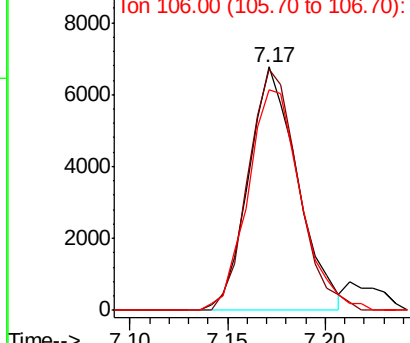
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 52.183 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

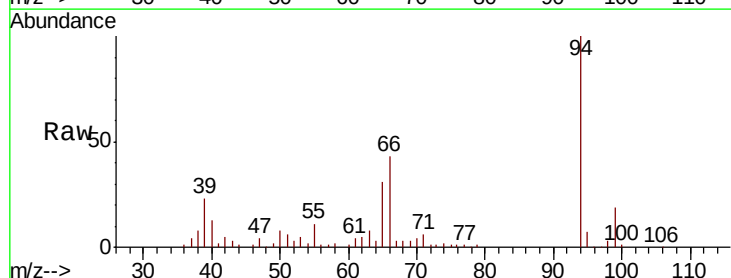
Tgt Ion: 94 Resp: 82615

Ion Ratio Lower Upper

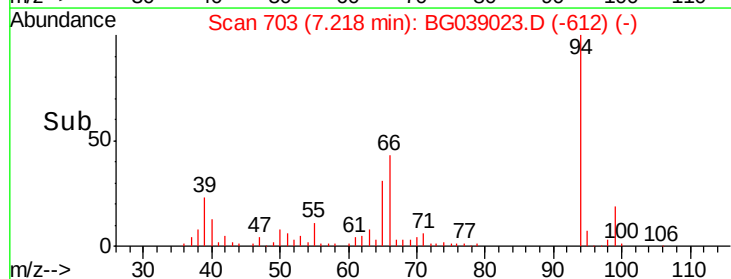
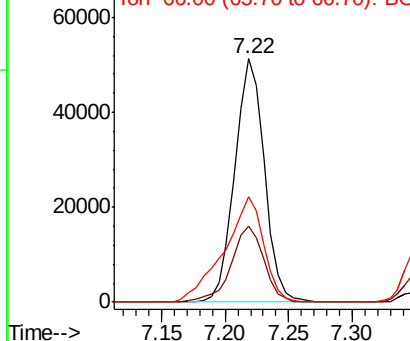
94 100

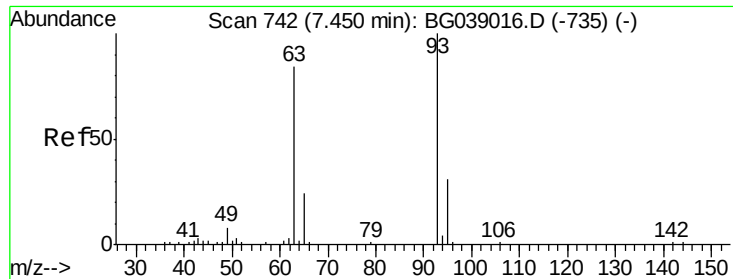
65 31.3 10.3 50.3

66 43.1 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: 41.543 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

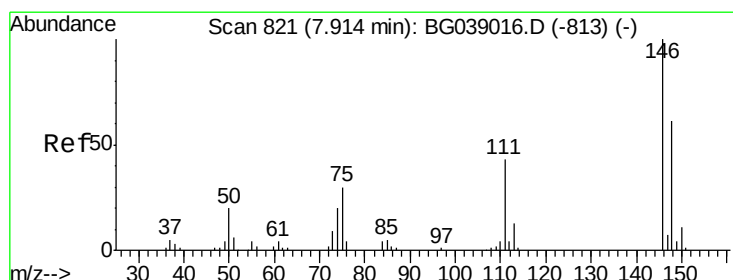
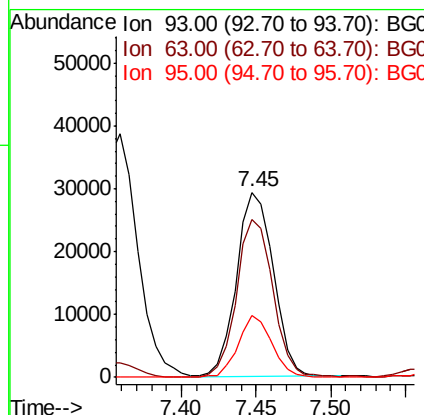
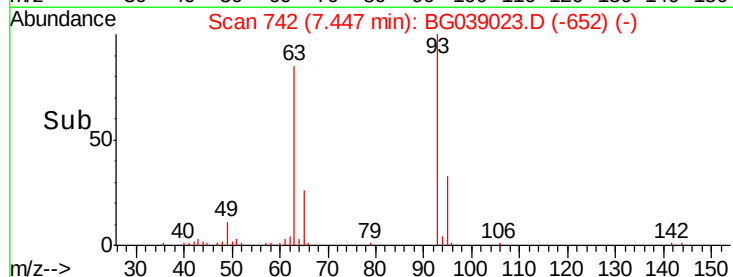
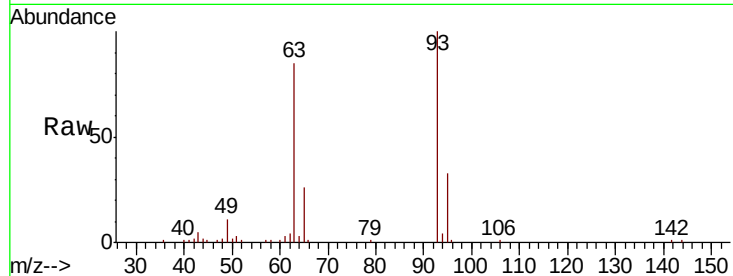
ClientSampled :

PB116250BS

Tot Ion:	93	Resp:	50268
Ion	Ratio	Lower	Upper
93	100		
63	85.2	63.2	103.2
95	33.4	11.2	51.2

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.858 ng

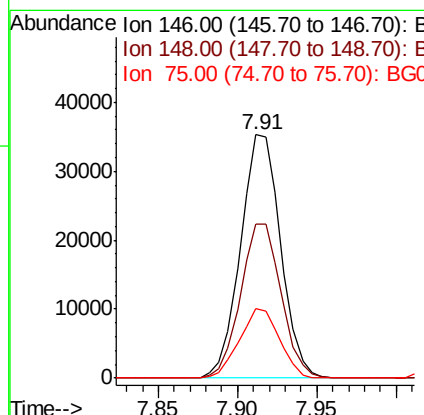
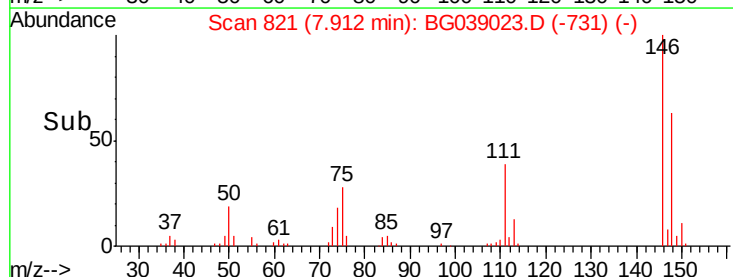
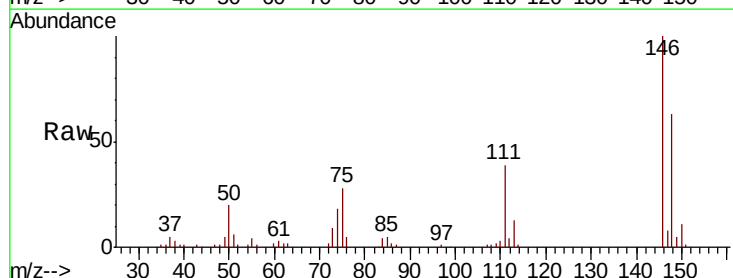
RT: 7.91 min Scan# 821

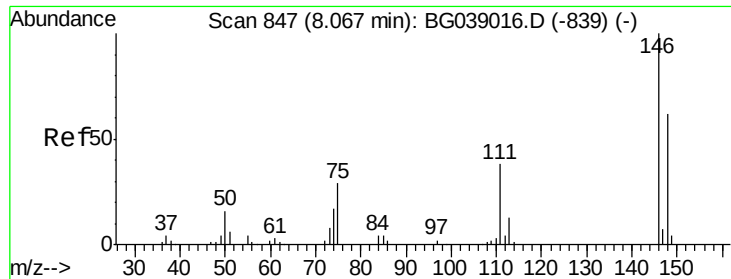
Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	146	Resp:	61769
Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.1	73.7
75	28.5	23.9	35.9





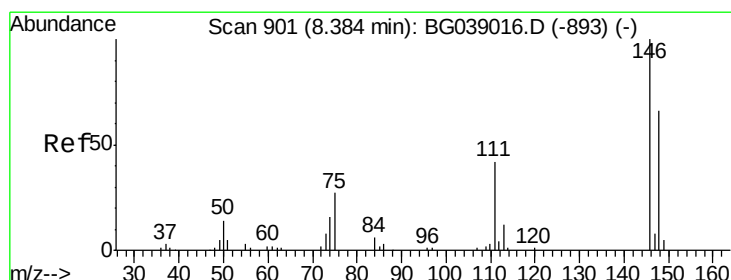
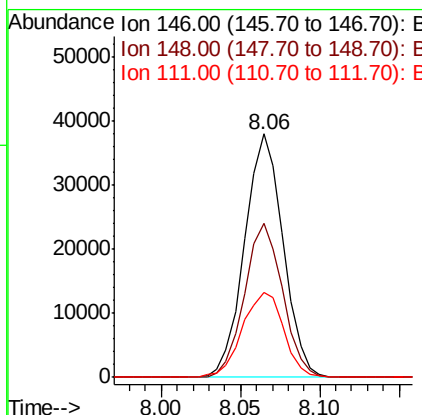
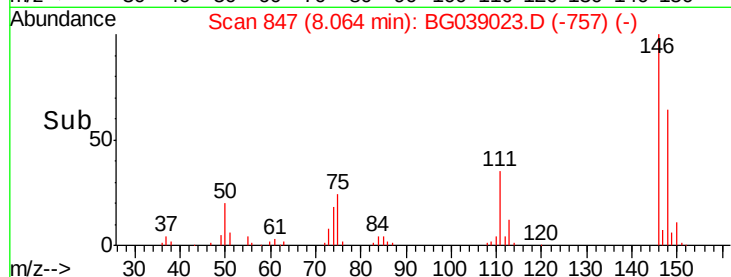
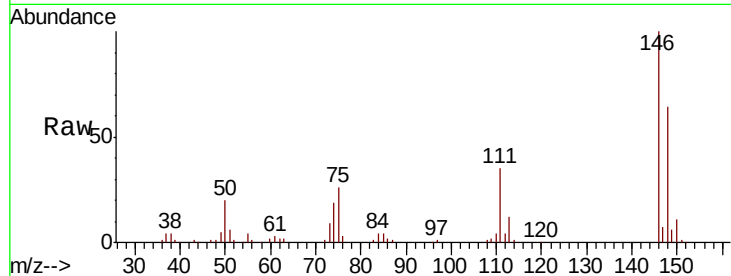
#13
1,4-Dichlorobenzene
Concen: 40.900 ng
RT: 8.06 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.8	74.6
111	35.0	30.6	45.8

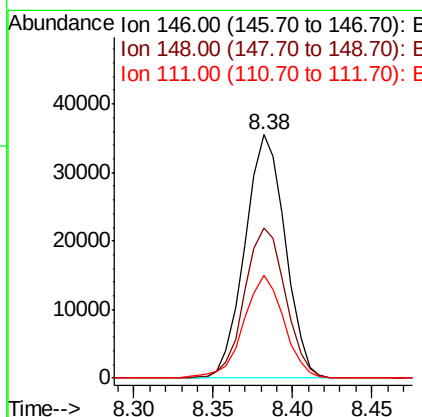
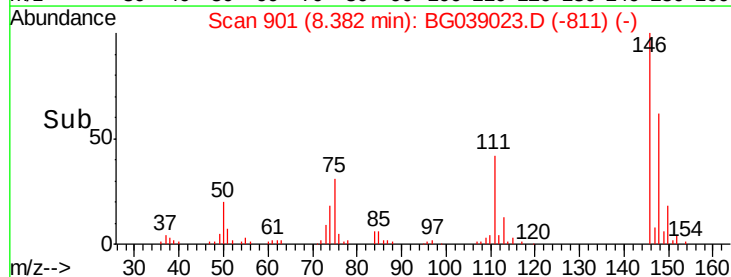
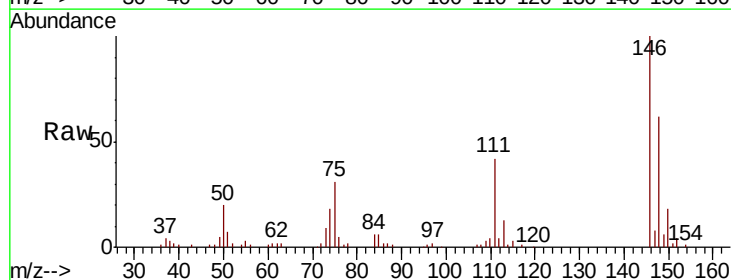
Manual Integrations
APPROVED

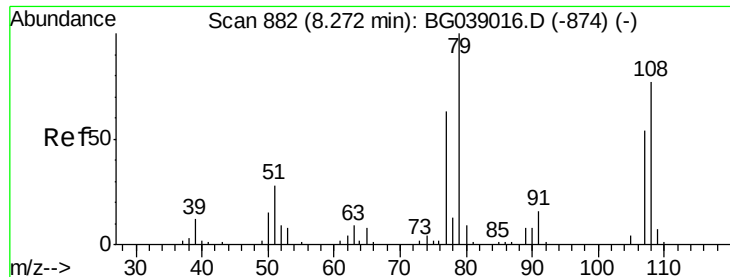
Sohil
1/10/2019 3:15:23 PM



#14
1,2-Dichlorobenzene
Concen: 41.952 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	79.0
111	42.0	34.6	51.8





#15

Benzyl Alcohol

Concen: 47.879 ng

RT: 8.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

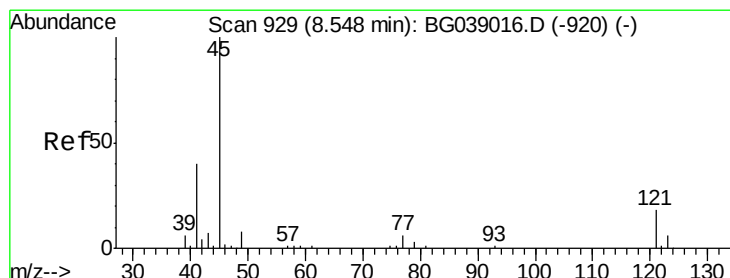
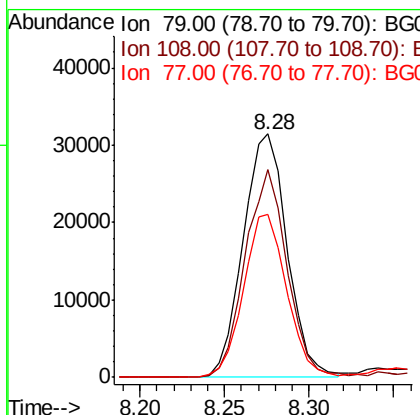
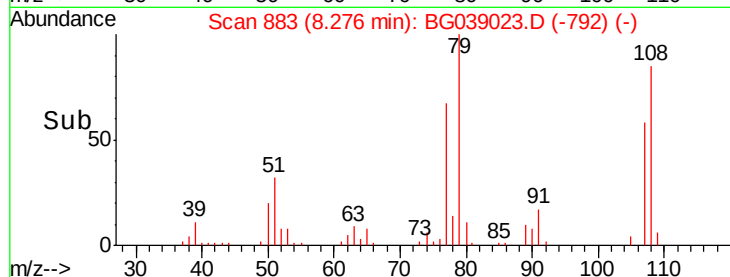
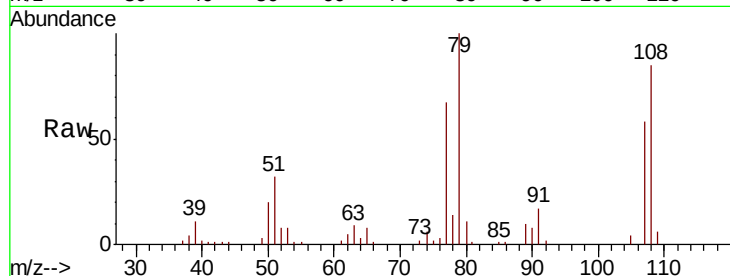
ClientSampled :

PB116250BS

Tot Ion:	79	Resp:	56938
Ion	Ratio	Lower	Upper
79	100		
108	85.3	62.0	93.0
77	66.9	50.1	75.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.939 ng

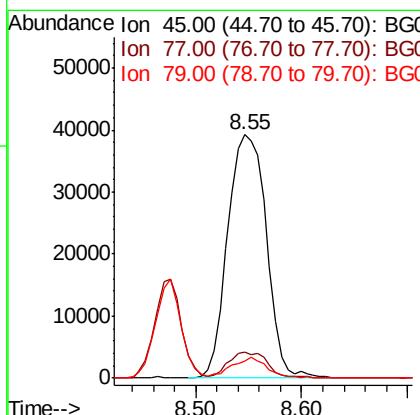
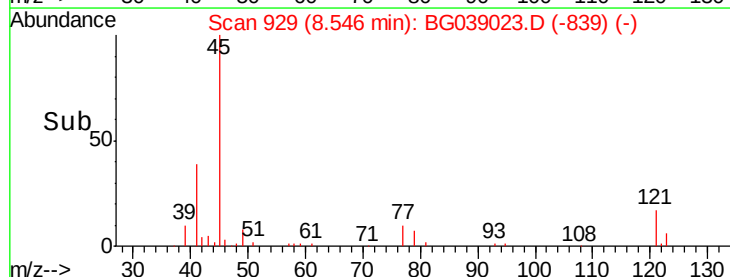
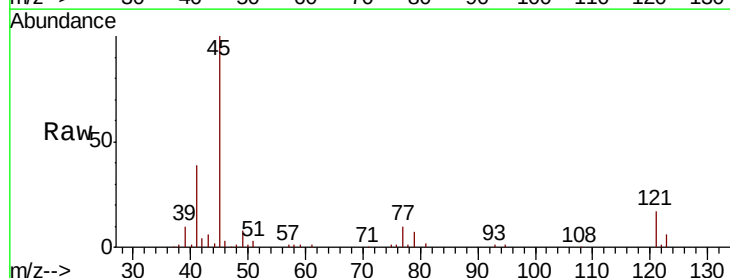
RT: 8.55 min Scan# 929

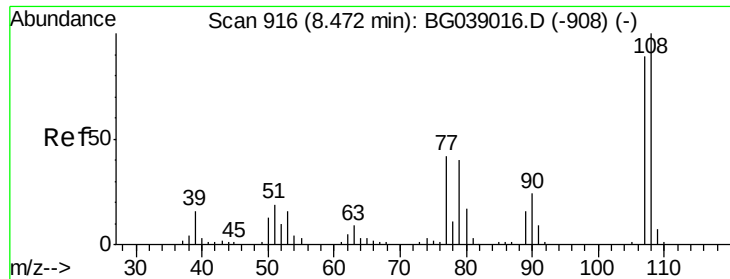
Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	45	Resp:	99628
Ion	Ratio	Lower	Upper
45	100		
77	10.4	0.0	30.7
79	7.2	0.0	28.5





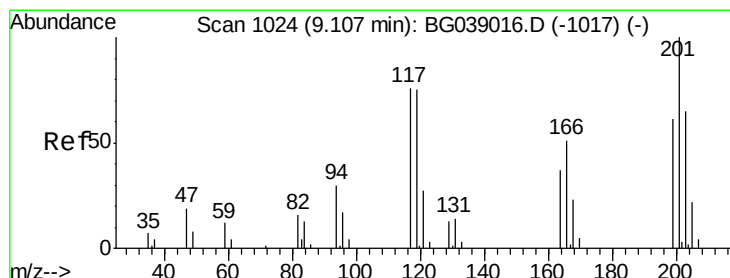
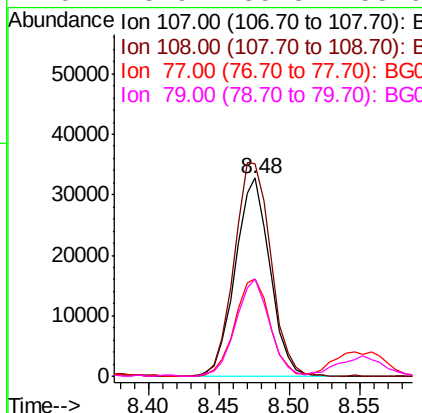
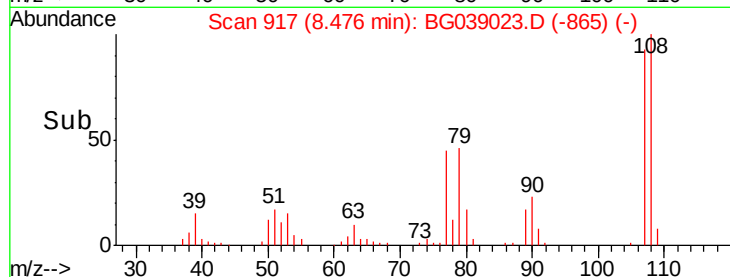
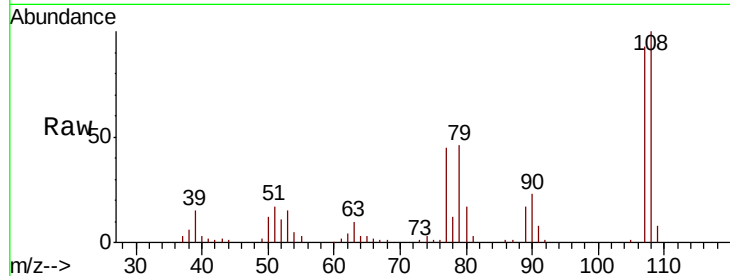
#17
2-Methylphenol
Concen: 51.003 ng
RT: 8.48 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.4	90.3	135.5
77	48.8	38.3	57.5
79	48.9	35.8	53.6

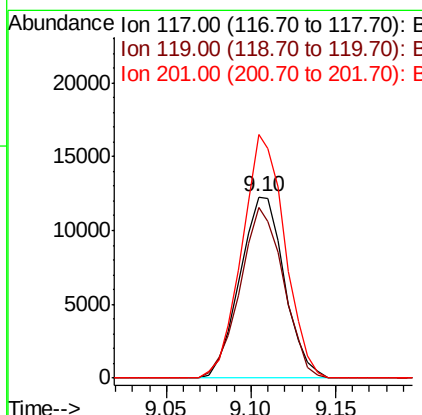
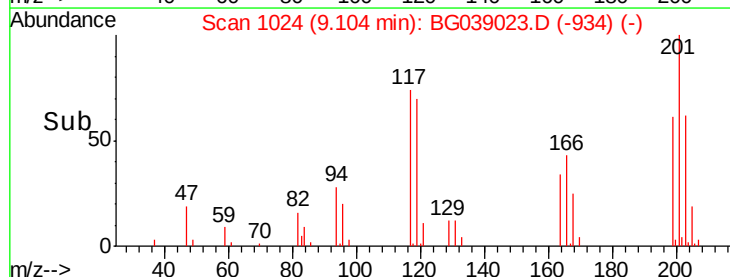
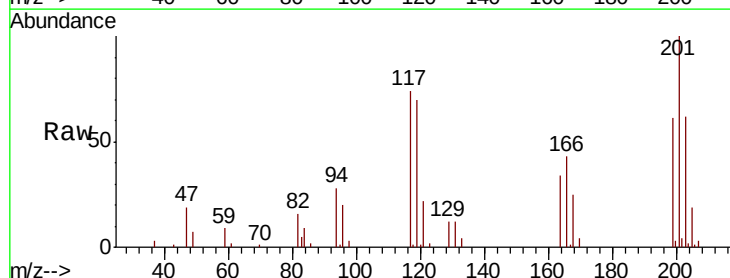
Manual Integrations
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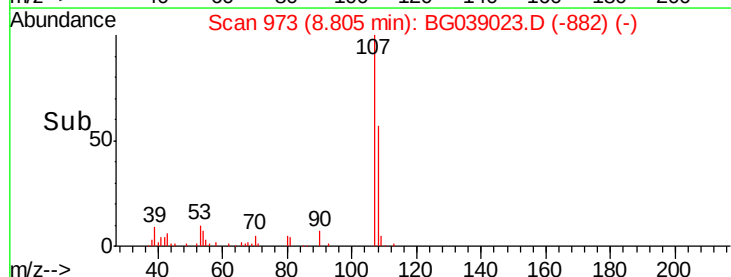
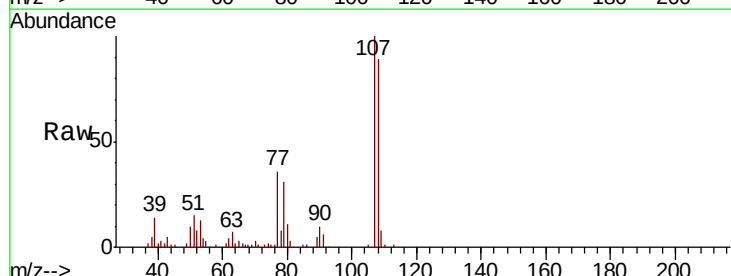
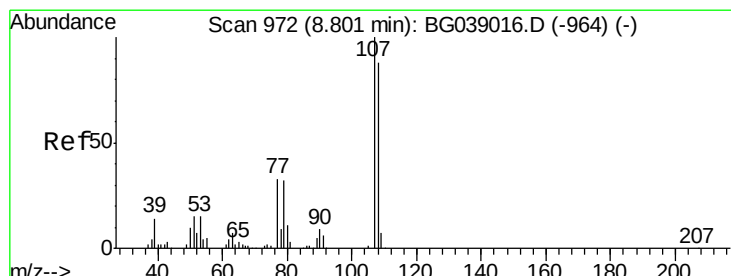
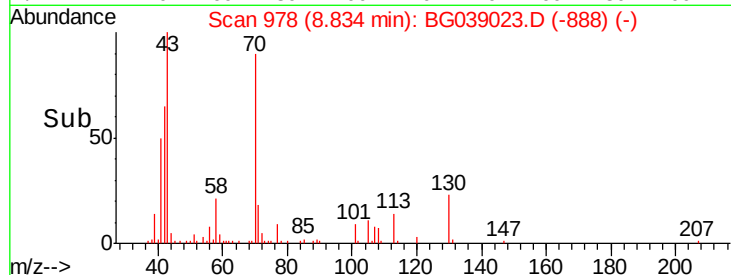
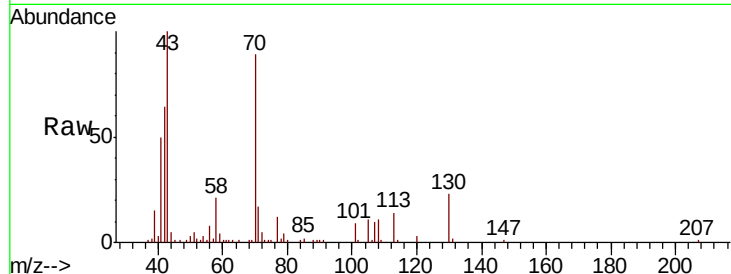
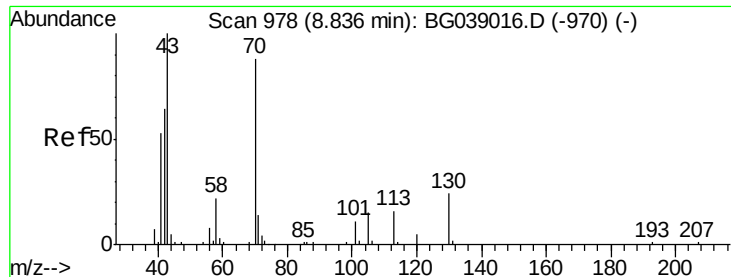
Sohil
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#18
Hexachloroethane
Concen: 42.126 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.7	118.1
201	132.8	108.1	162.1





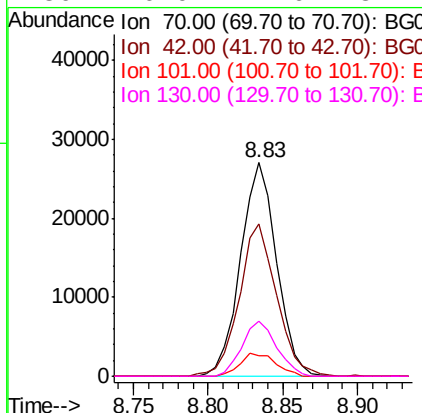
#19
n-Nitroso-di-n-propylamine
Concen: 43.474 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.6	59.0	88.4
101	9.9	10.4	15.6
130	26.0	21.6	32.4

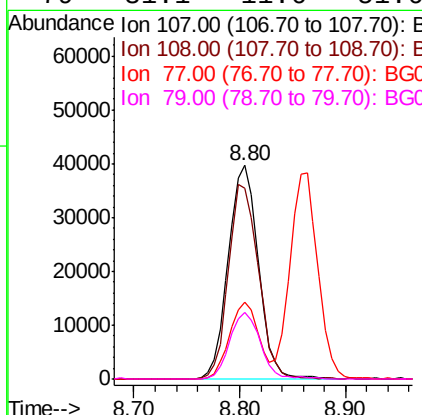
Manual Integrations
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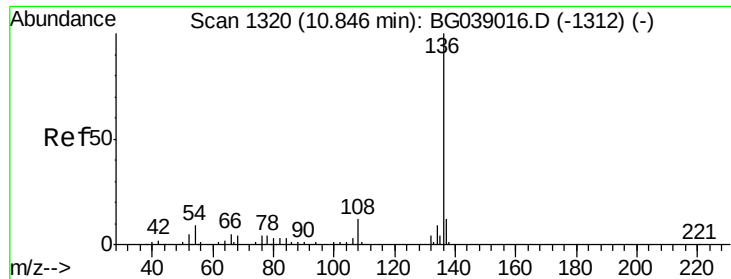
Sohil
1/10/2019 3:15:23 PM



#20
3+4-Methylphenols
Concen: 49.910 ng
RT: 8.80 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.1	68.4	108.4
77	35.9	13.3	53.3
79	31.1	11.6	51.6





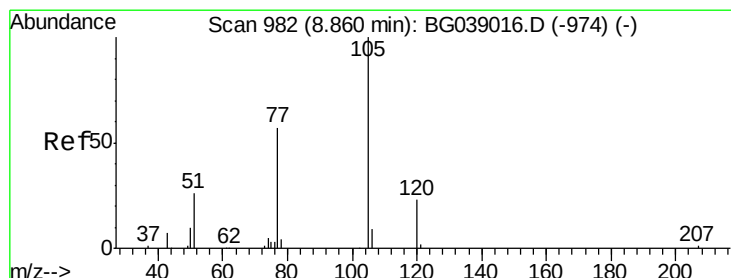
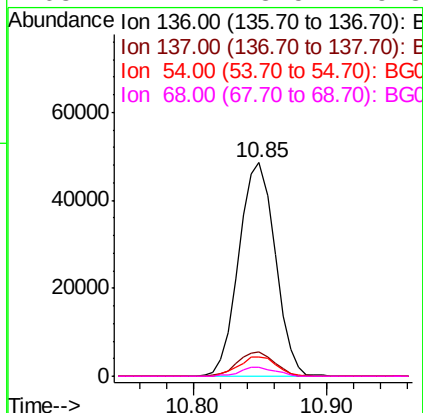
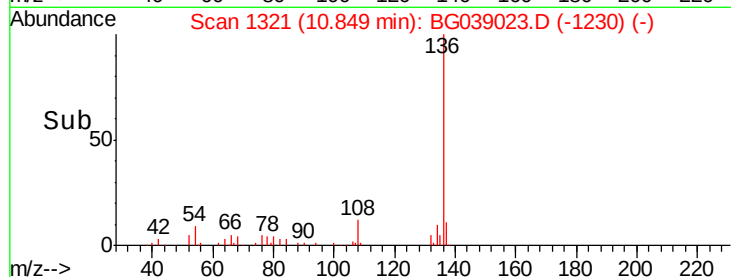
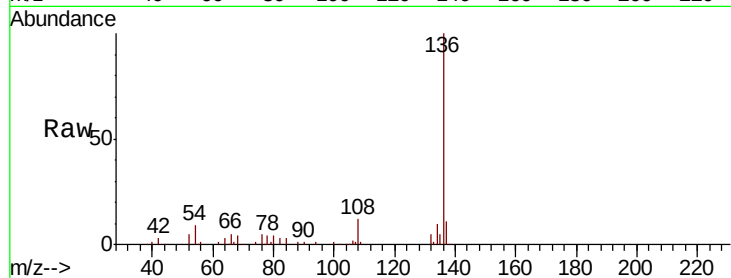
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.2
54	8.8	7.2	10.8
68	4.2	3.5	5.3

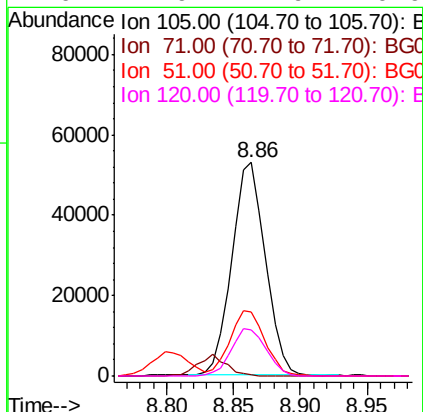
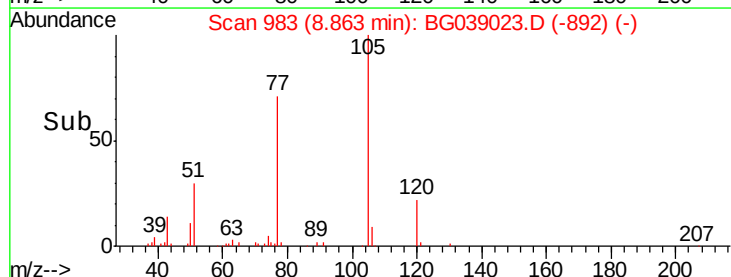
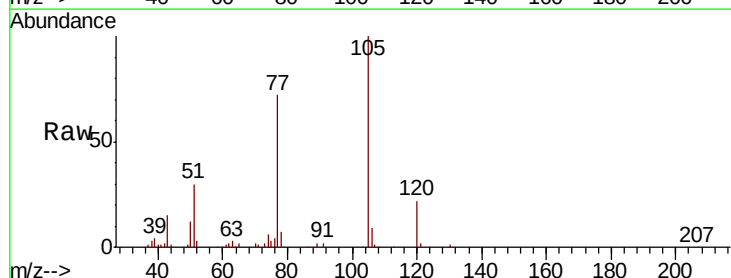
Manual Integrations
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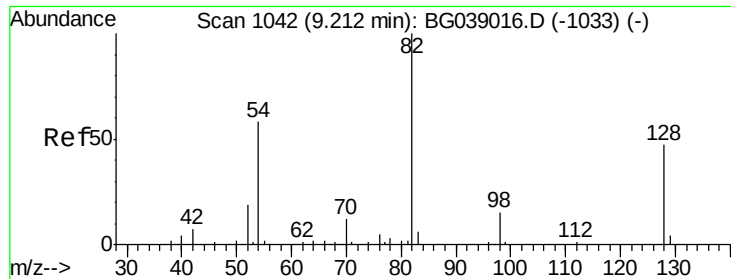
Sohil
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#22
Acetophenone
Concen: 38.695 ng
RT: 8.86 min Scan# 983
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.6	0.6	1.0#
51	30.0	26.6	39.8
120	21.9	17.9	26.9





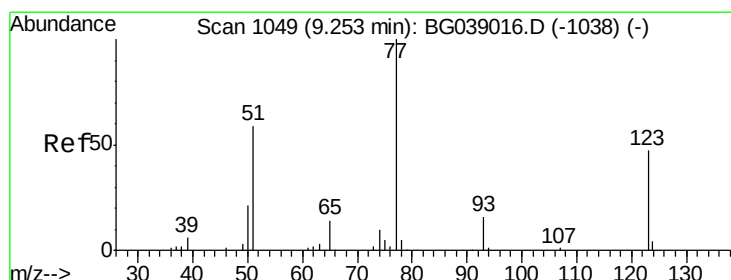
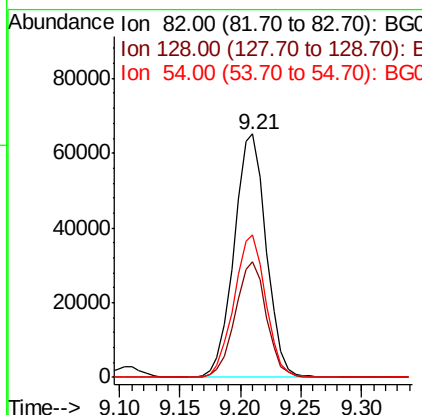
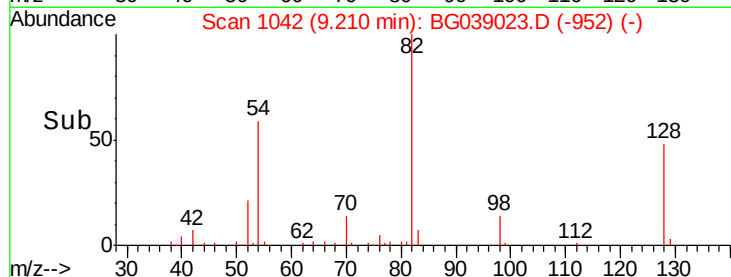
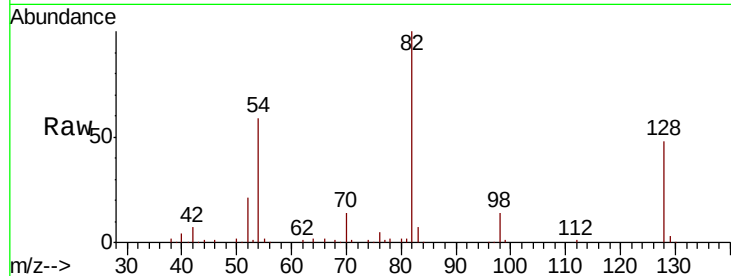
#23
 Nitrobenzene-d5
 Concen: 72.083 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampled :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.3	55.9
54	58.6	46.4	69.6

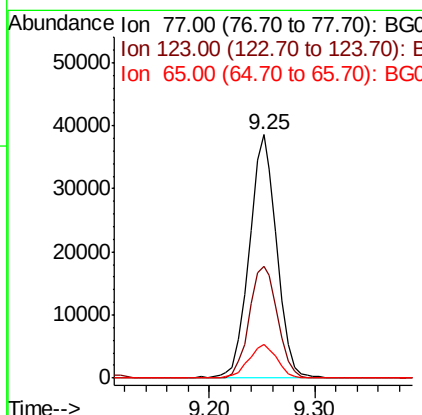
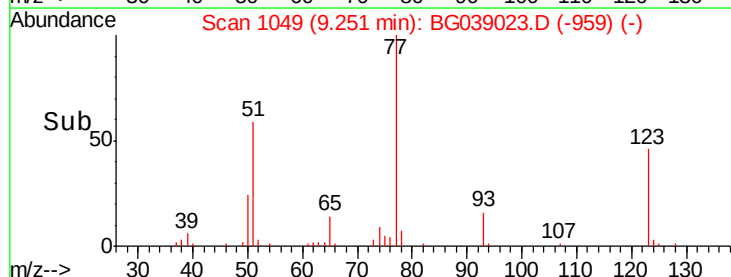
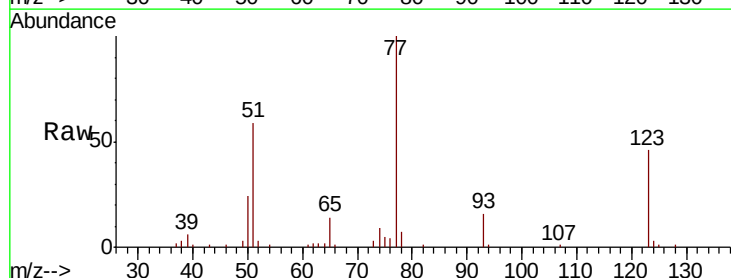
Manual Integrations
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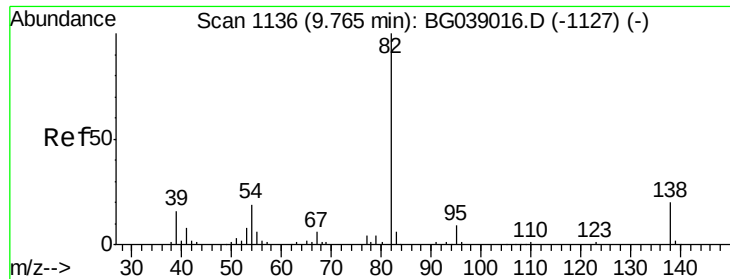
Sohil
 1/10/2019 3:15:23 PM



#24
 Nitrobenzene
 Concen: 41.053 ng
 RT: 9.25 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.8	37.6	56.4
65	14.0	11.0	16.6





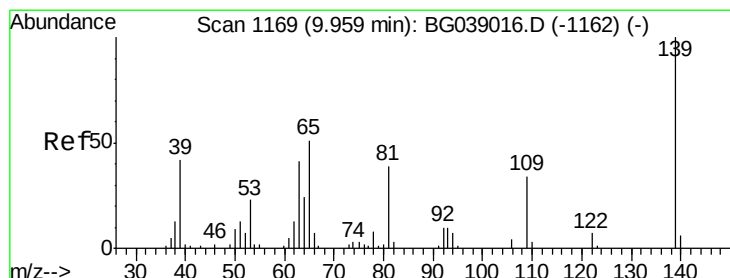
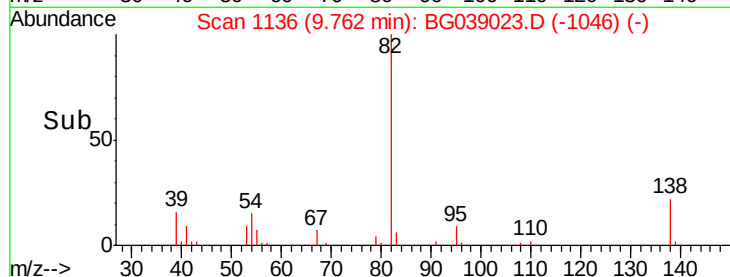
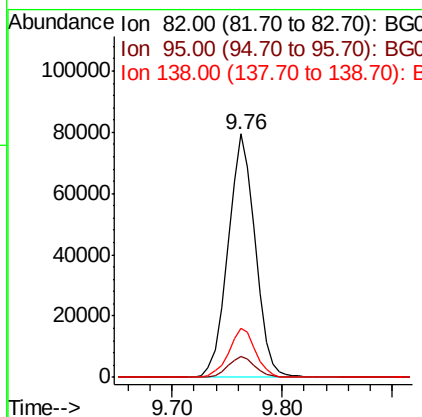
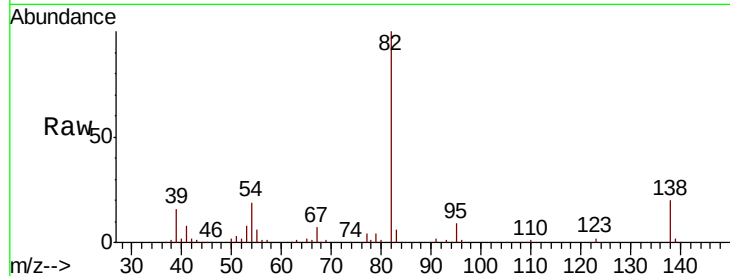
#25
Isophorone
Concen: 47.424 ng
RT: 9.76 min Scan# 1136
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

Tot Ion	82	Resp	136588
Ion Ratio	100	Lower	Upper
82	100		
95	8.6	7.0	10.6
138	20.1	16.2	24.4

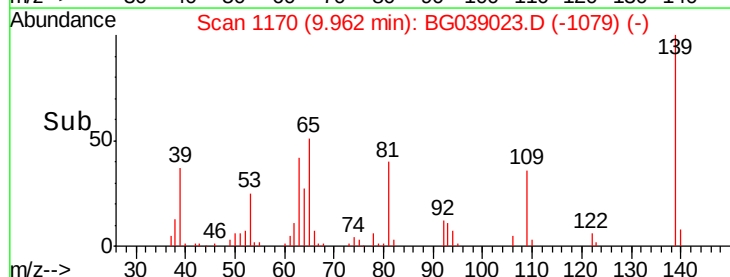
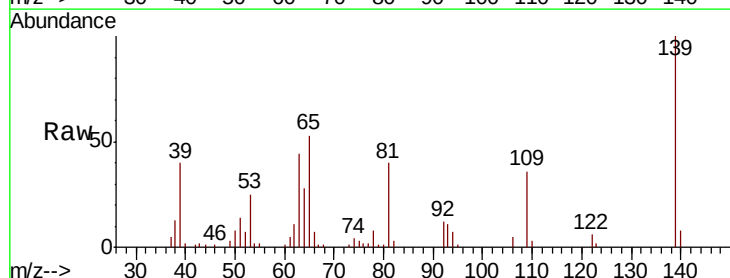
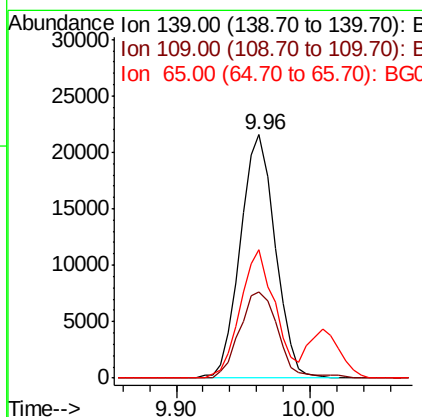
Manual Integrations
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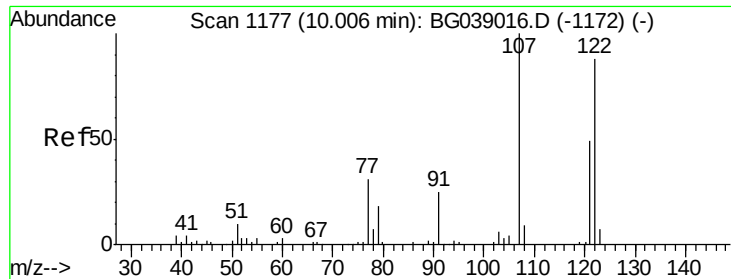
Sohil
1/10/2019 3:15:23 PM



#26
2-Nitrophenol
Concen: 42.608 ng
RT: 9.96 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	139	Resp	38949
Ion Ratio	100	Lower	Upper
139	100		
109	35.7	27.3	40.9
65	52.5	40.6	61.0





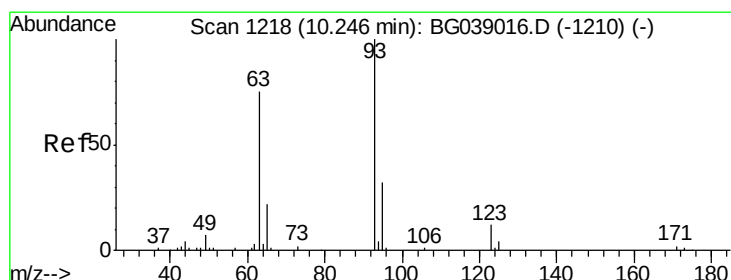
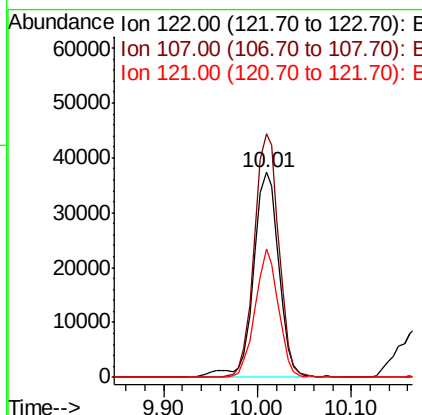
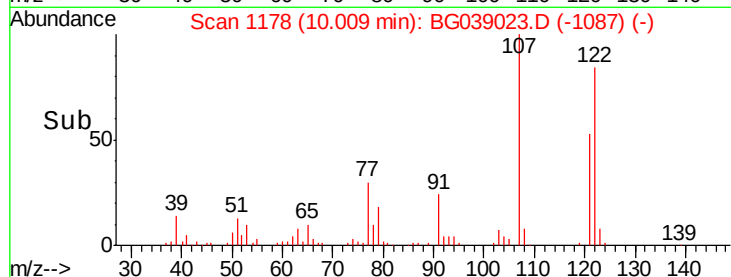
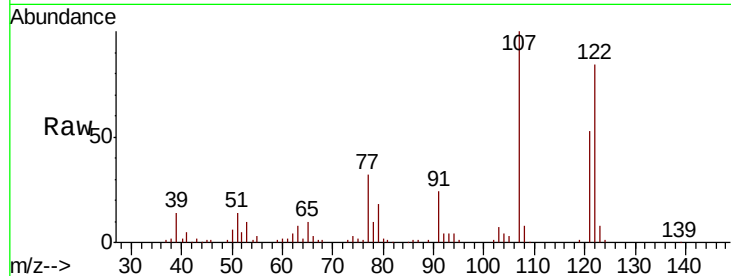
#27
2,4-Dimethylphenol
Concen: 54.431 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.8	88.8	133.2
121	62.7	43.1	64.7

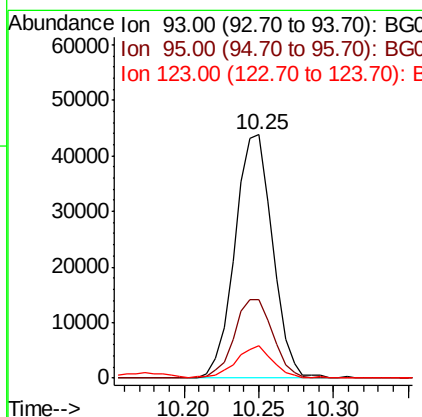
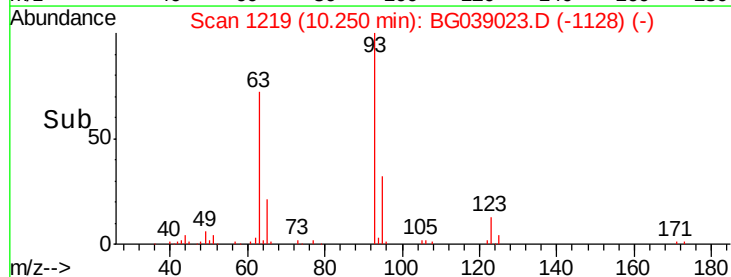
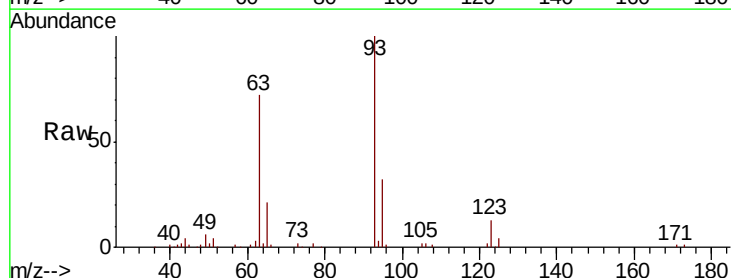
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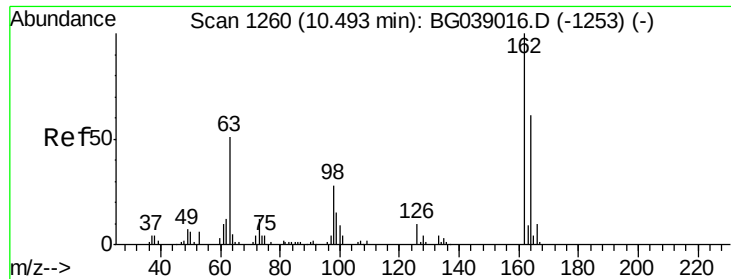
Sohil
1/10/2019 3:15:23 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.194 ng
RT: 10.25 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	25.6	38.4
123	13.3	10.1	15.1





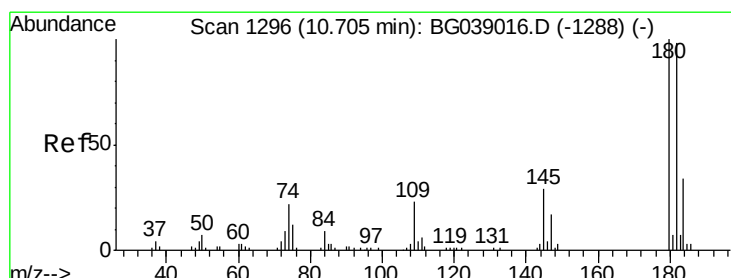
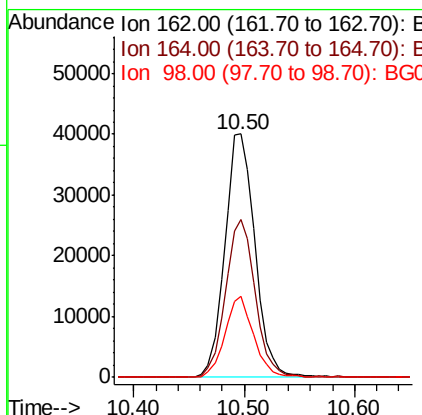
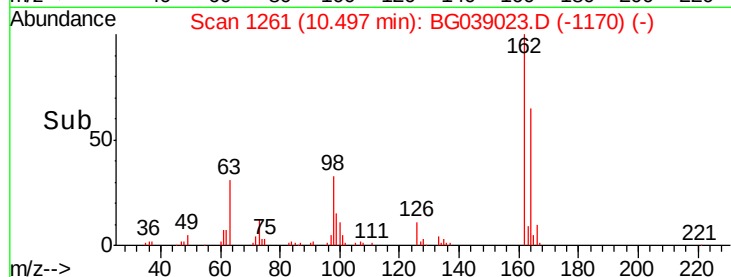
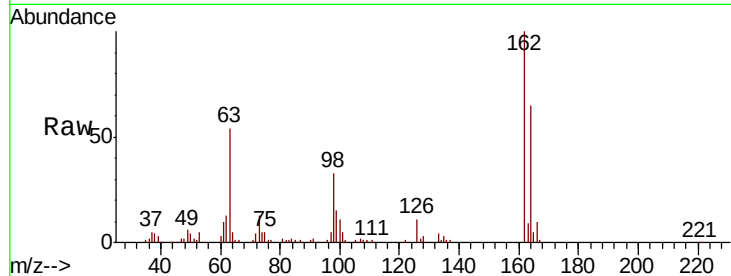
#29
2,4-Dichlorophenol
Concen: 47.894 ng
RT: 10.50 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	41.3	81.3
98	33.3	8.3	48.3

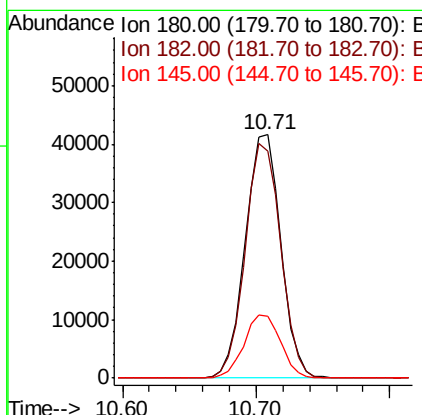
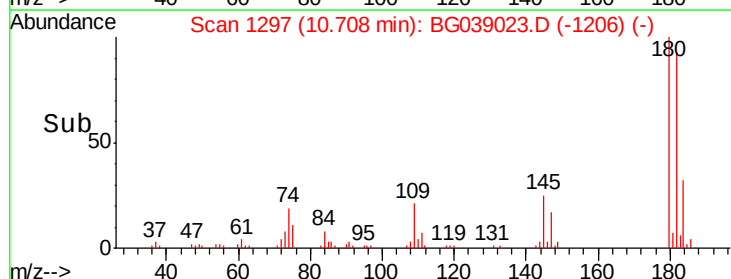
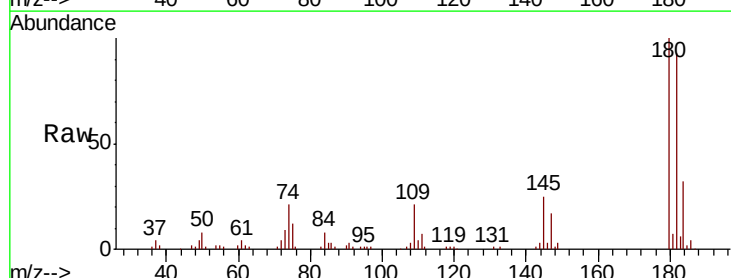
Manual Integrations
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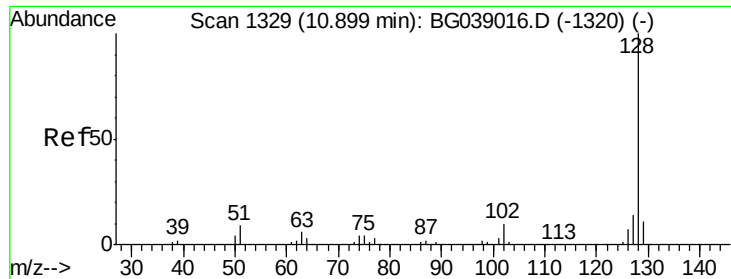
Sohil
1/10/2019 3:15:23 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.791 ng
RT: 10.71 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	78.1	117.1
145	25.4	23.1	34.7





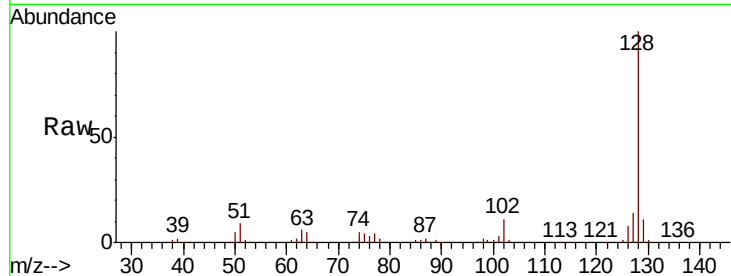
#31
Naphthalene
Concen: 43.935 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.7	11.2	16.8

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1/10/2019 3:15:23 PM

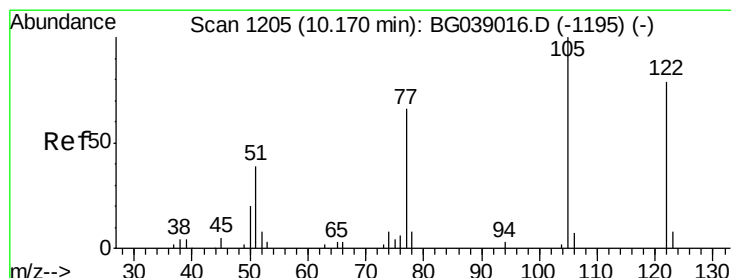
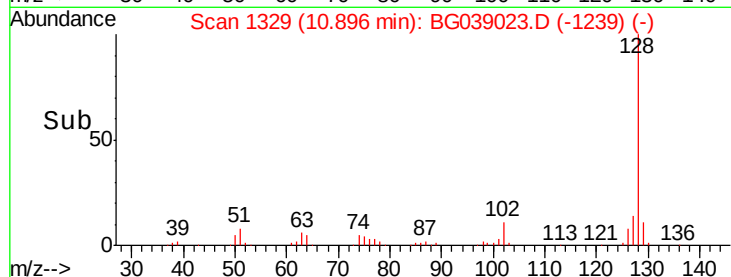
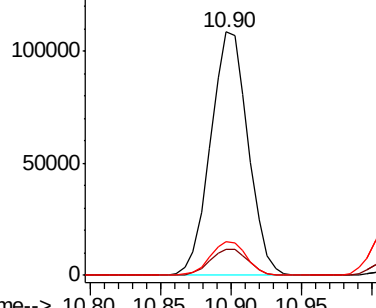


Abundance

Ion 128.00 (127.70 to 128.70): E

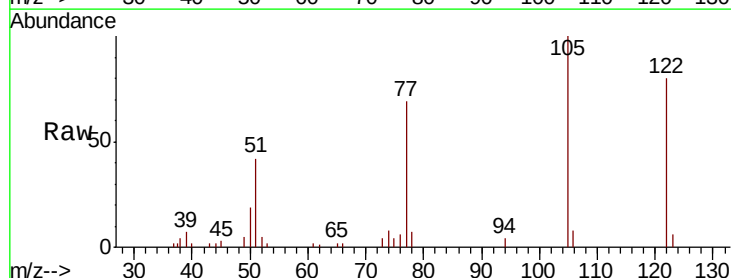
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 42.573 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.5	106.4	146.4
77	86.4	63.6	103.6

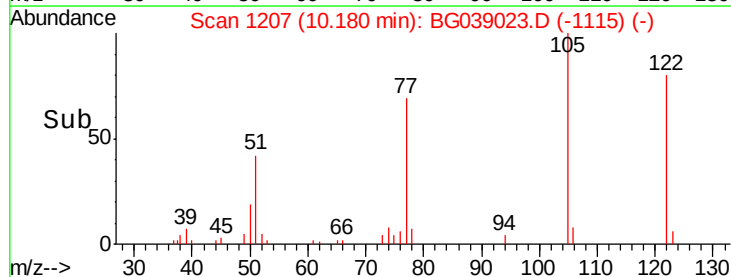
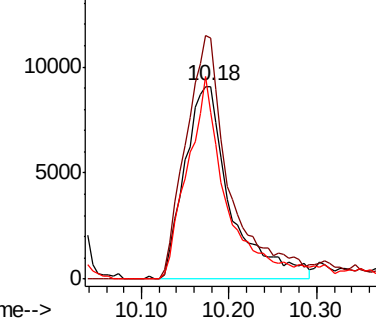


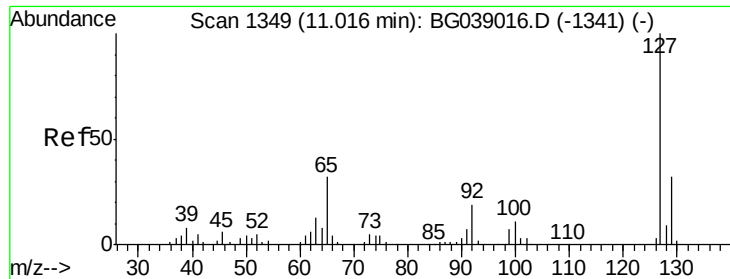
Abundance

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): BGC





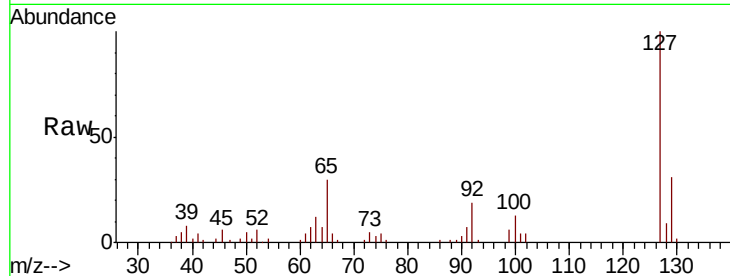
#33
4-Chloroaniline
Concen: 32.242 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

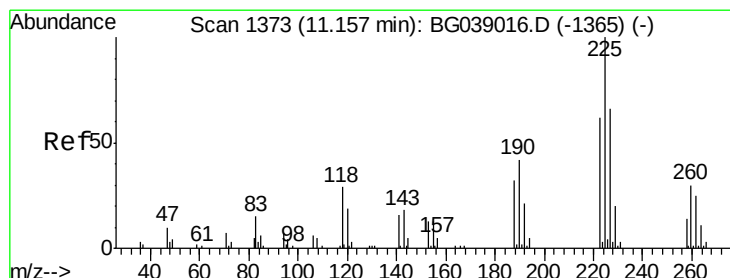
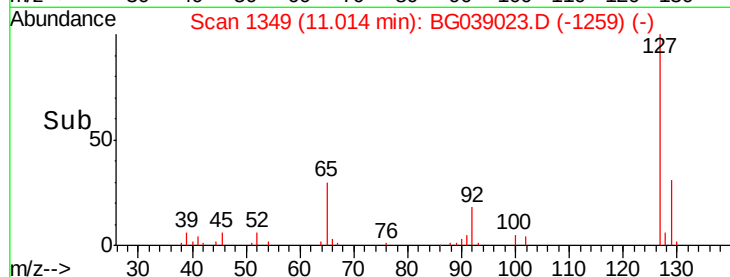
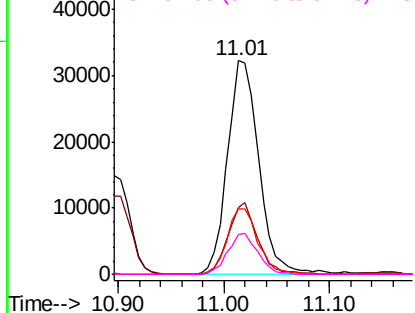
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.4	38.0
65	30.4	25.4	38.0
92	18.5	15.2	22.8

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1/10/2019 3:15:23 PM

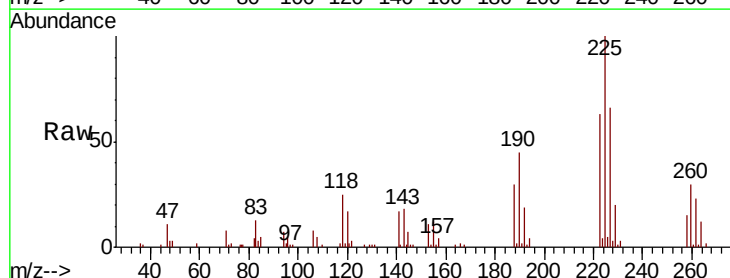


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

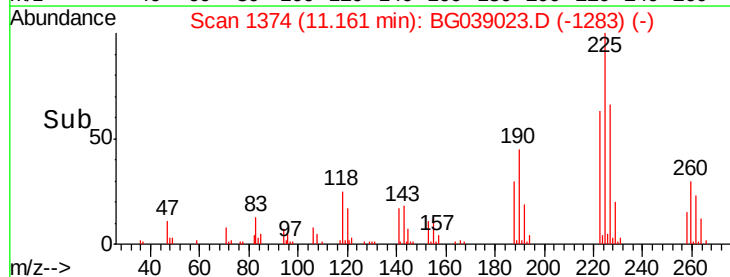
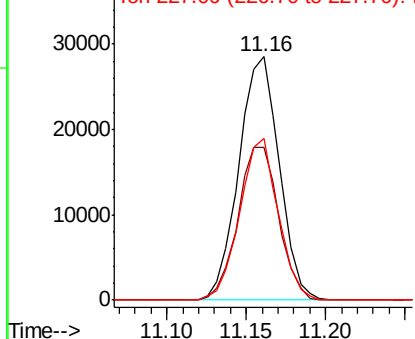


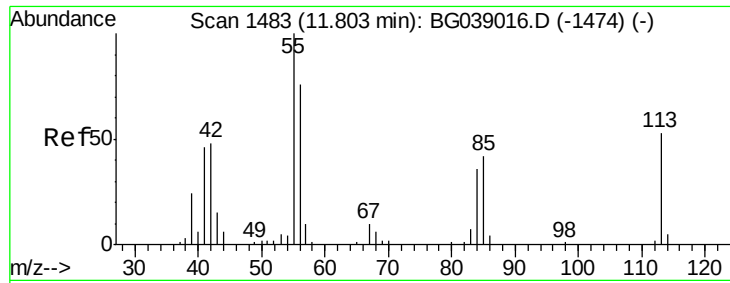
#34
Hexachlorobutadiene
Concen: 38.172 ng
RT: 11.16 min Scan# 1374
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.8	50.2	75.4
227	63.3	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





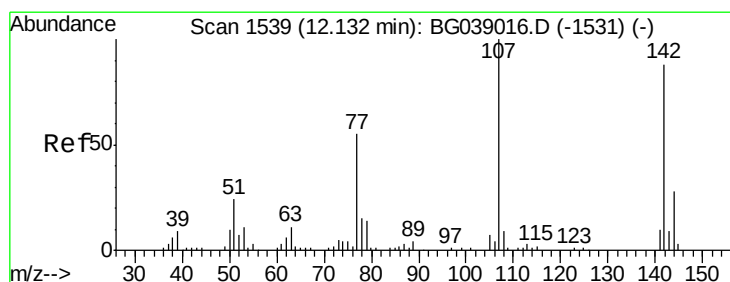
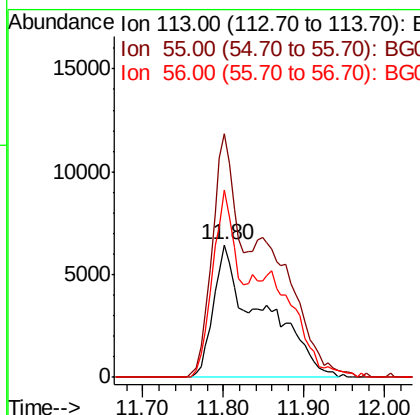
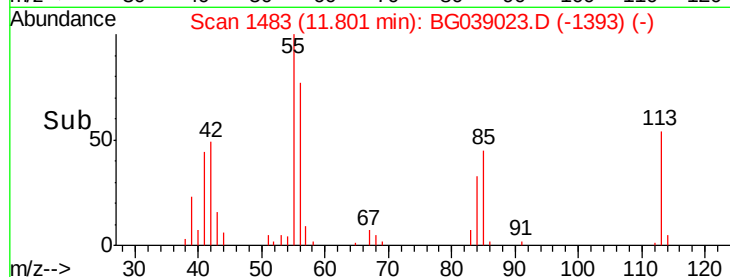
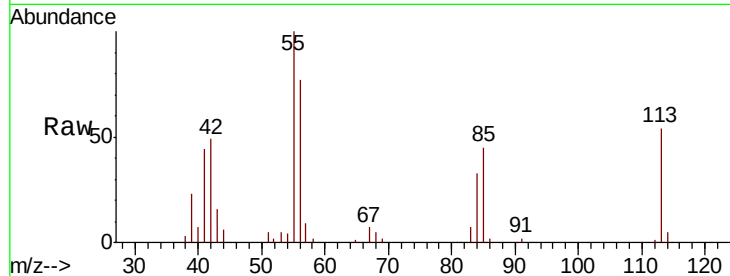
#35
Caprolactam
Concen: 42.221 ng/ml
RT: 11.80 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion: 113 Resp: 27050
Ion Ratio Lower Upper
113 100
55 184.1 168.6 208.6
56 142.0 123.2 163.2

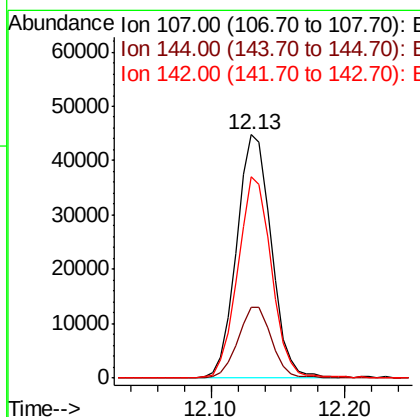
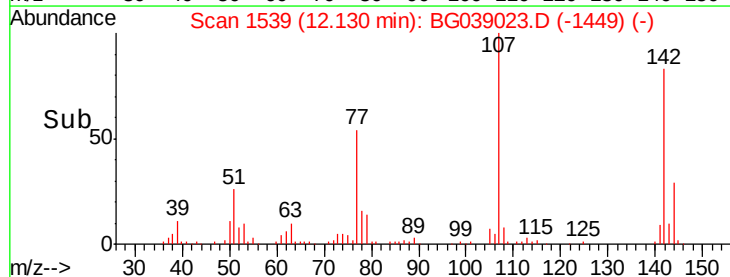
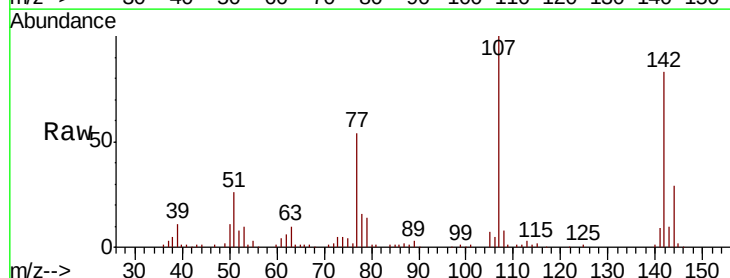
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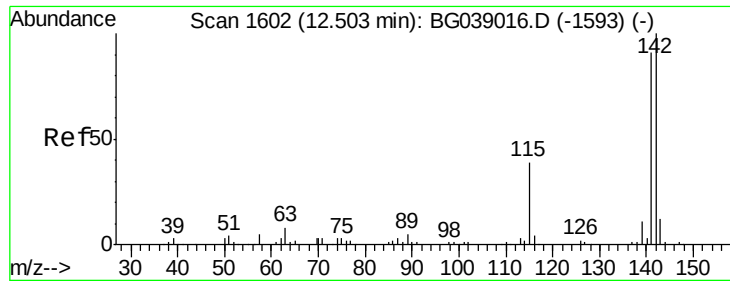
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1/10/2019 3:15:23 PM



#36
4-Chloro-3-methylphenol
Concen: 46.997 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion: 107 Resp: 80310
Ion Ratio Lower Upper
107 100
144 29.0 22.6 34.0
142 82.9 70.2 105.4





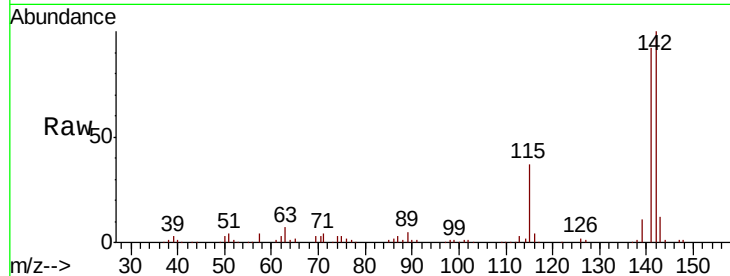
#37
2-Methylnaphthalene
Concen: 47.191 ng
RT: 12.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.5	72.6	109.0
115	36.8	31.1	46.7

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1/10/2019 3:15:23 PM

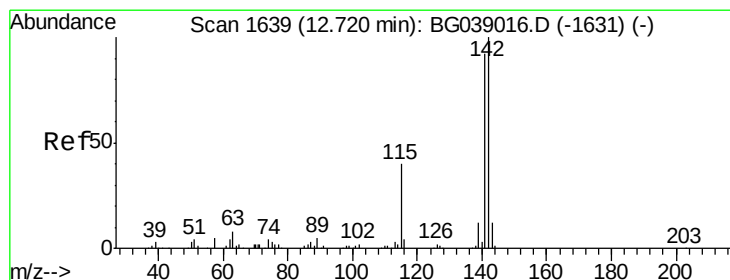
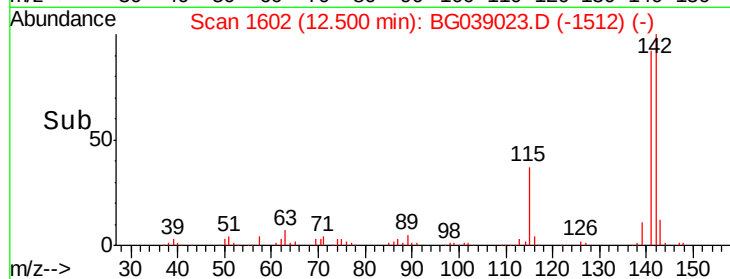
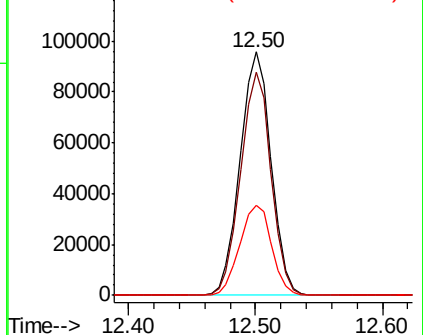


Abundance

Ion 142.00 (141.70 to 142.70): E

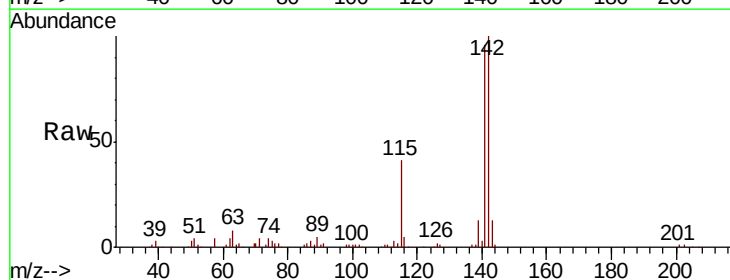
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 46.879 ng m
RT: 12.72 min Scan# 1639
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.3	109.9
116	5.1	3.1	4.7#

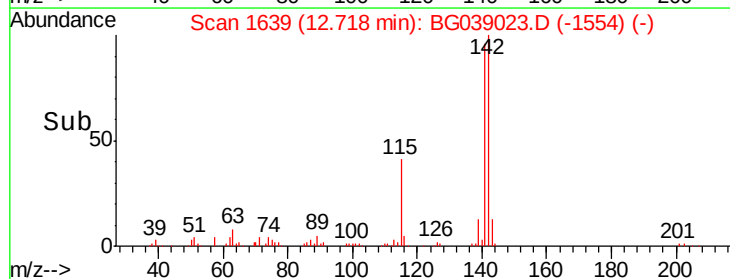
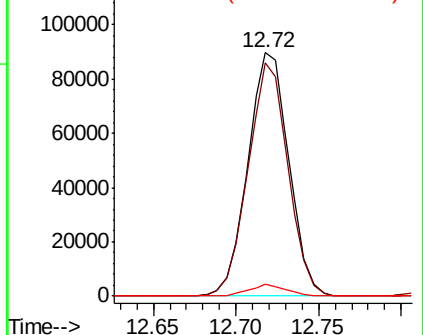


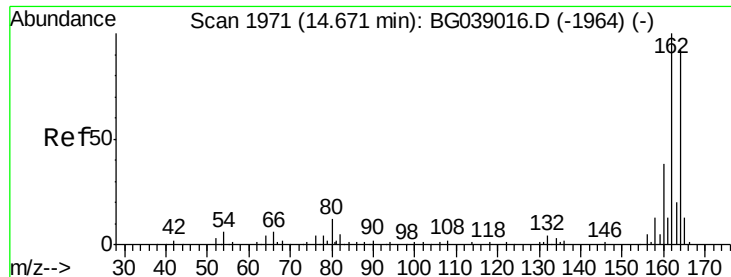
Abundance

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# 1972

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

PB116250BS

Tot Ion:164 Resp: 69757

Ion Ratio Lower Upper

164 100

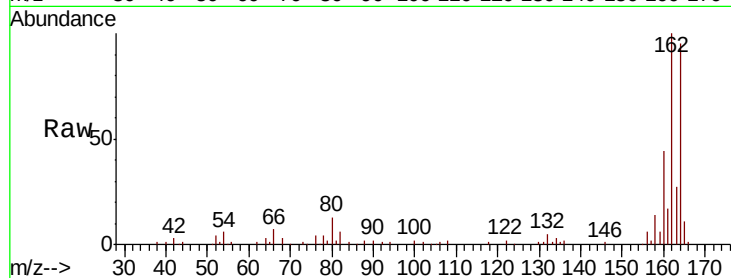
162 105.2 87.2 130.8

160 46.2 33.3 49.9

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1/10/2019 3:15:23 PM

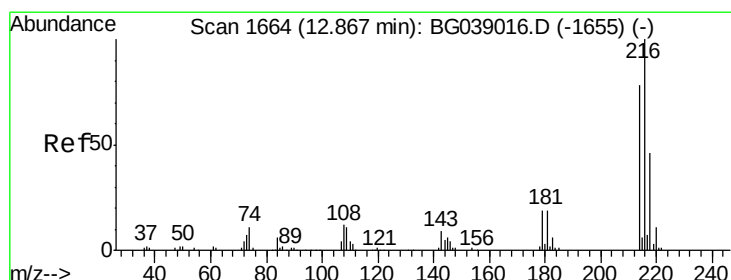
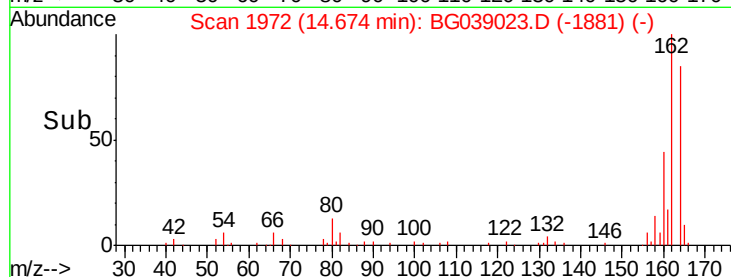
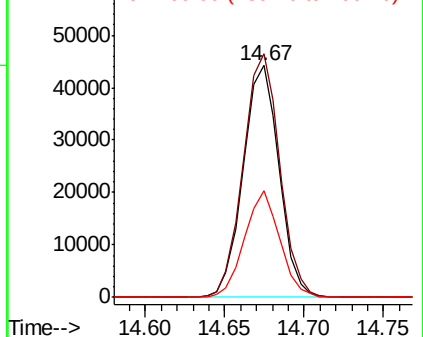


Abundance

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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.922 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:216 Resp: 101967

Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 19.2 15.5 23.3

108 16.6 11.4 17.2

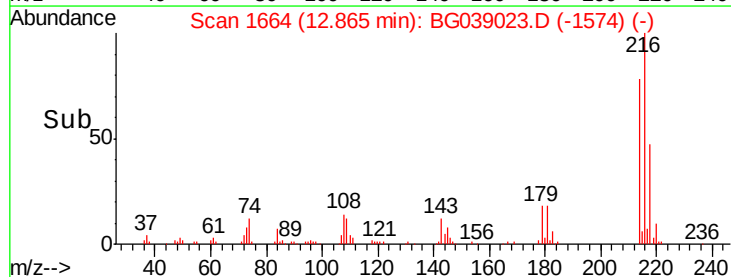
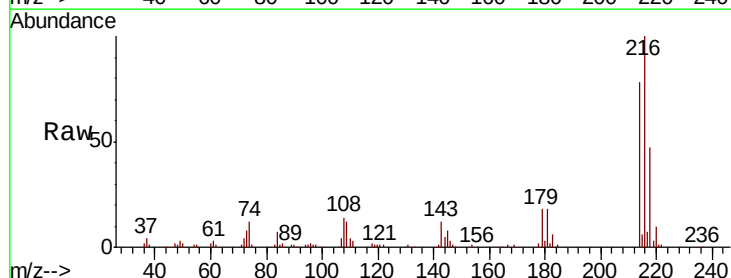
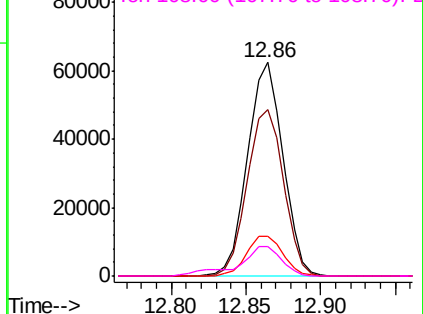
Abundance

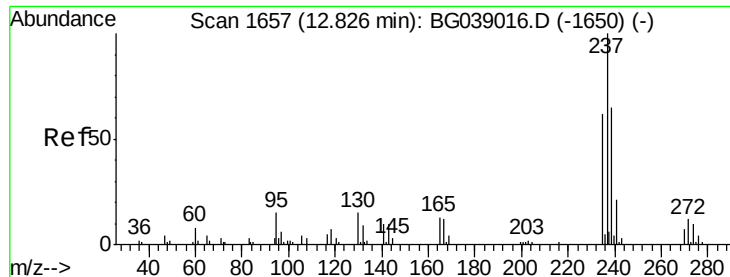
Ion 216.00 (215.70 to 216.70): E

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





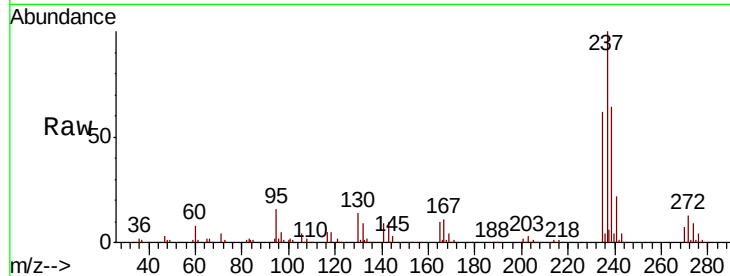
#41
Hexachlorocyclopentadiene
Concen: 81.094 ng
RT: 12.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.5	41.7	81.7	
272	12.6	0.0	32.1	

Manual Integrations
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1/10/2019 3:15:23 PM

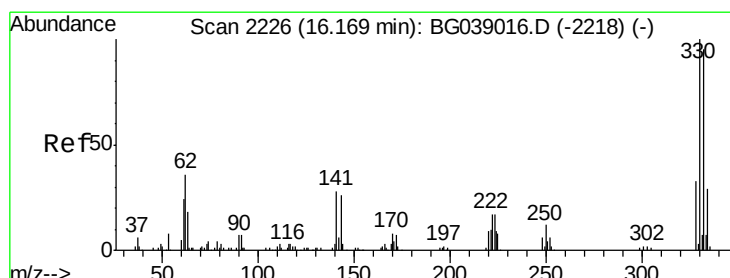
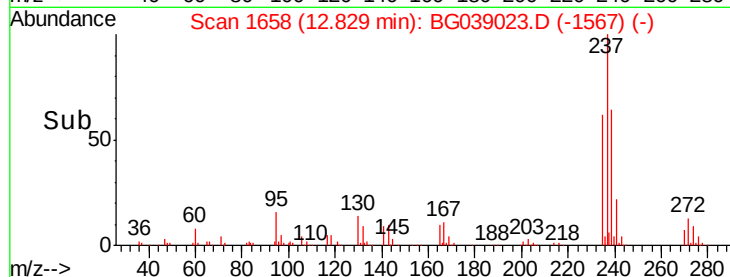
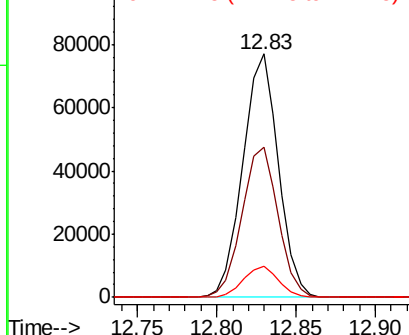


Abundance

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



#42
2,4,6-Tribromophenol
Concen: 134.328 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

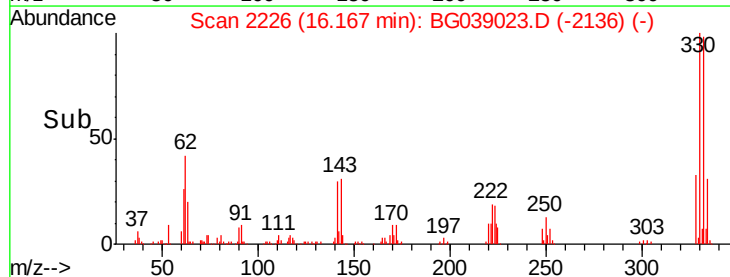
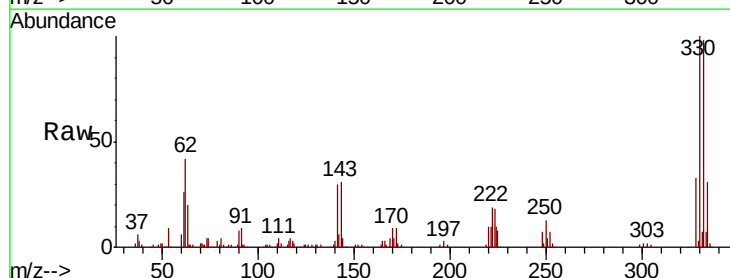
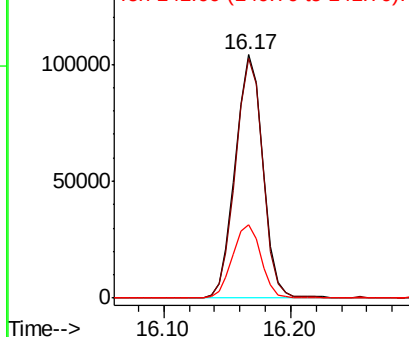
Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.3	75.7	113.5	
141	31.1	24.9	37.3	

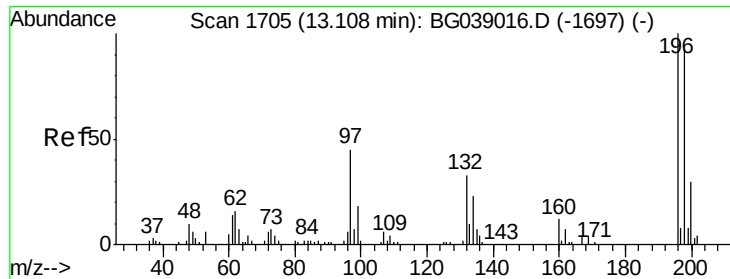
Abundance

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





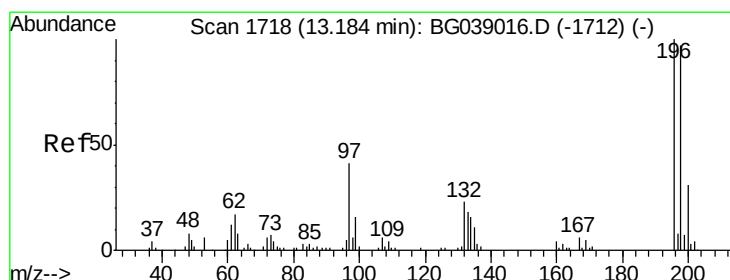
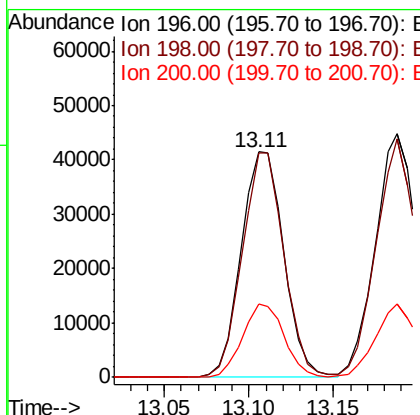
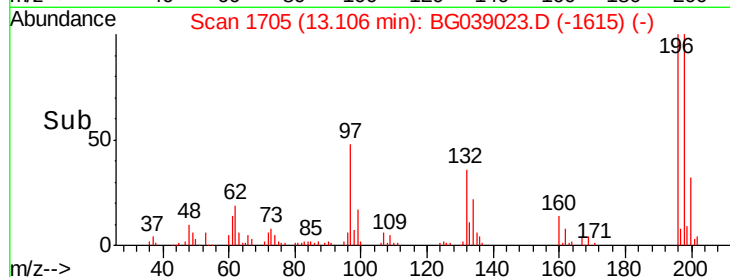
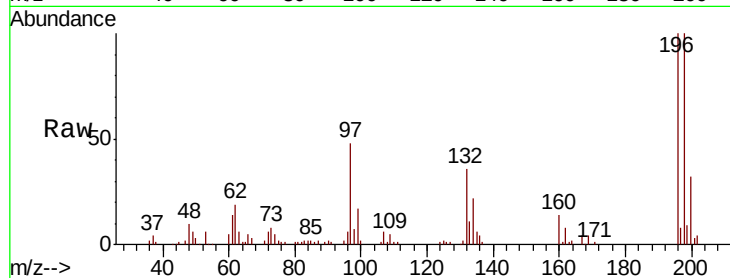
#43
 2,4,6-Trichlorophenol
 Concen: 44.213 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.8	74.5	111.7
200	32.3	23.8	35.6

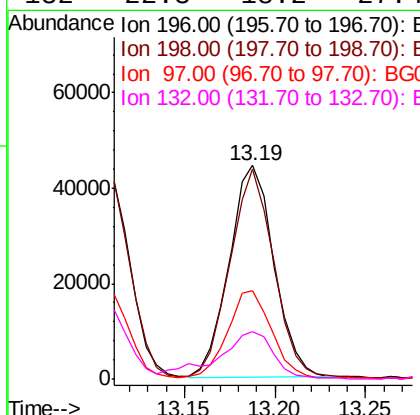
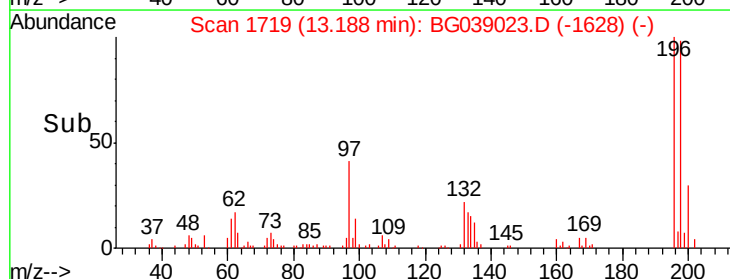
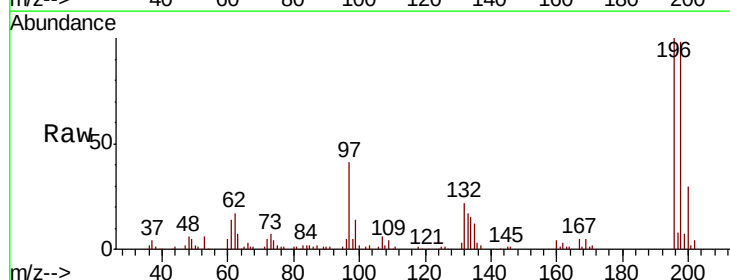
Manual Integrations
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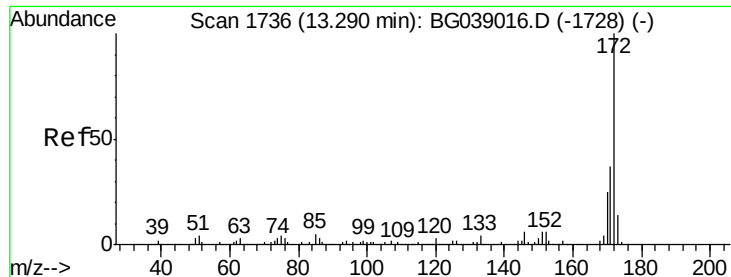
Sohil
 1/10/2019 3:15:23 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.107 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	78.1	117.1
97	41.2	33.2	49.8
132	22.3	18.2	27.4





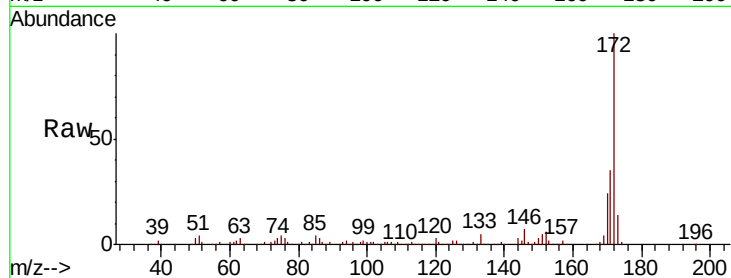
#45
2-Fluorobiphenyl
Concen: 68.670 ng
RT: 13.29 min Scan# 1736
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.4	44.0
170	23.9	20.1	30.1

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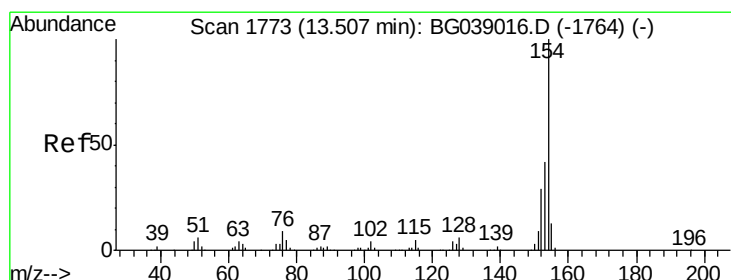
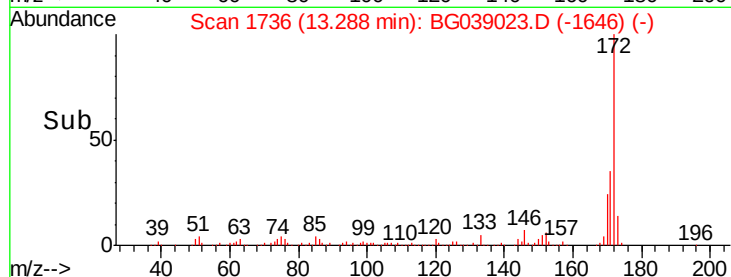
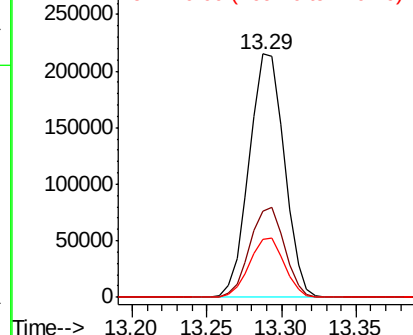


Abundance

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



#46
1,1'-Biphenyl
Concen: 39.839 ng
RT: 13.51 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

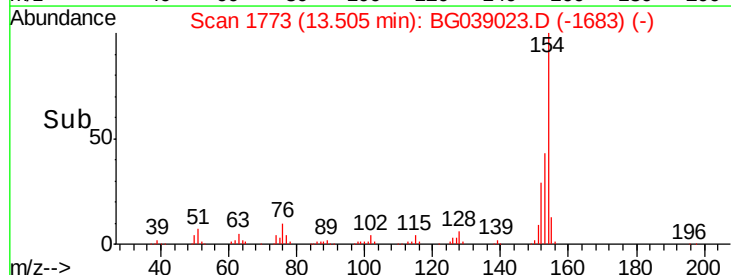
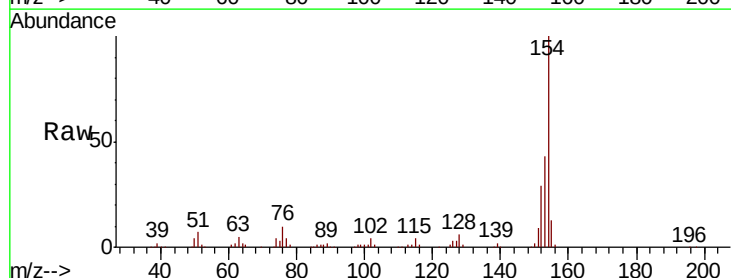
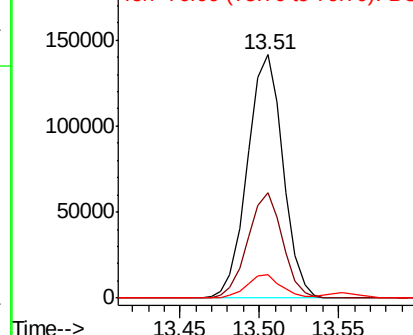
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.4	62.4
76	9.9	0.0	29.4

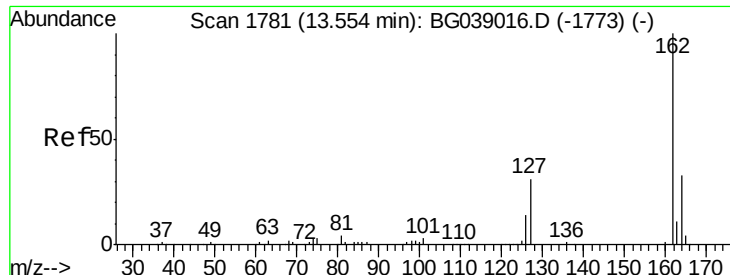
Abundance

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): BG





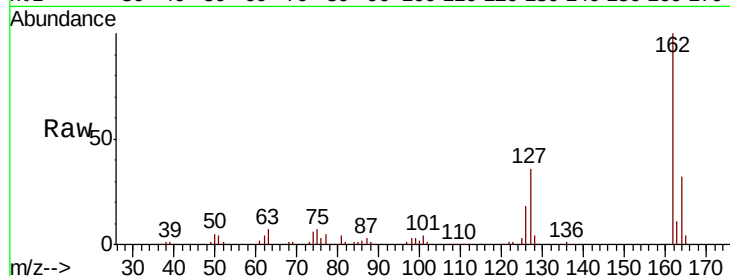
#47
2-Chloronaphthalene
Concen: 40.851 ng
RT: 13.55 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.9	28.4	42.6
164	32.1	26.3	39.5

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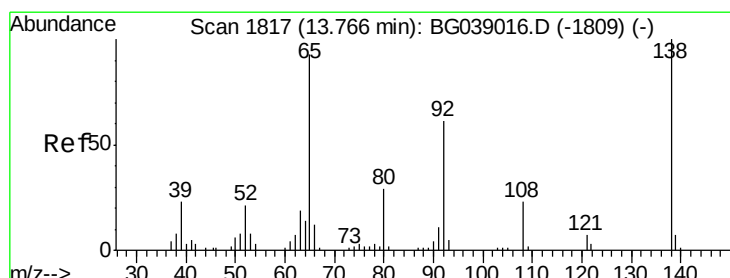
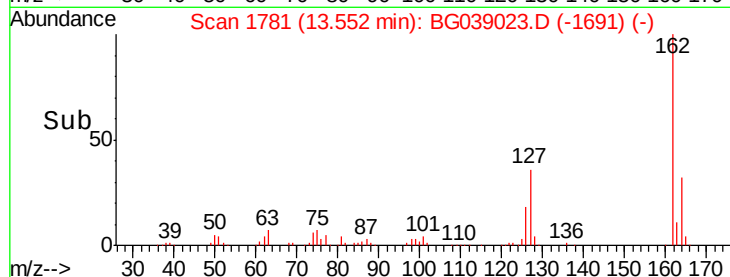
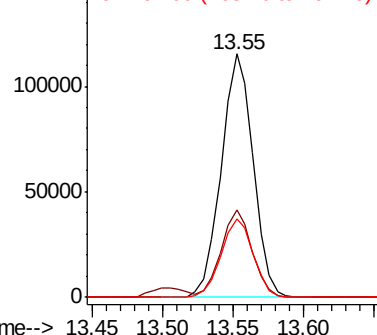


Abundance

Ion 162.00 (161.70 to 162.70): E

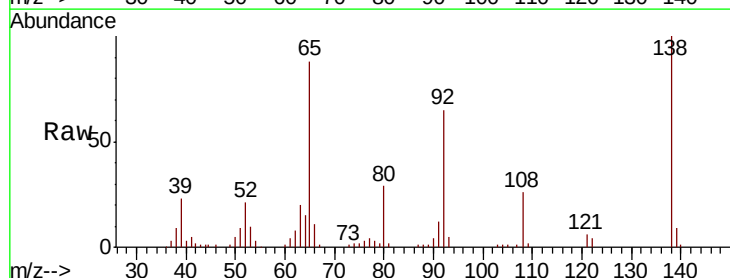
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.351 ng
RT: 13.77 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	52.2	78.4
138	113.8	86.0	129.0

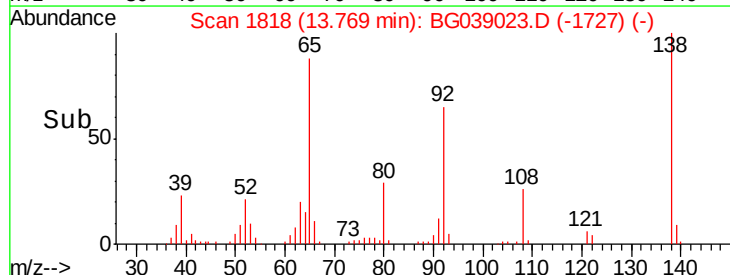
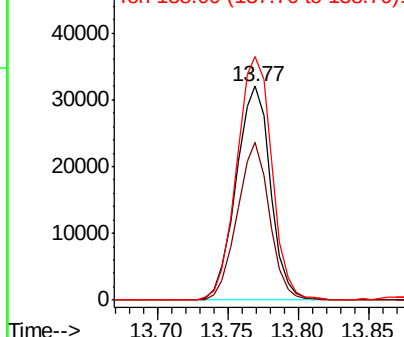


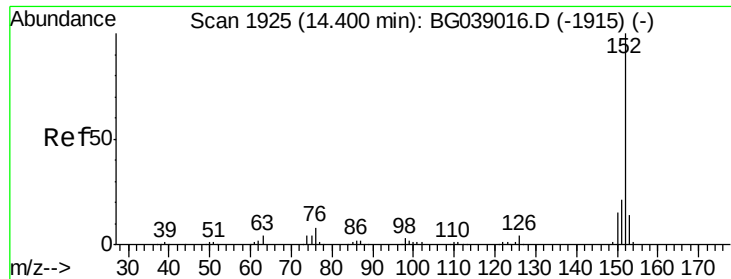
Abundance

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: 44.223 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

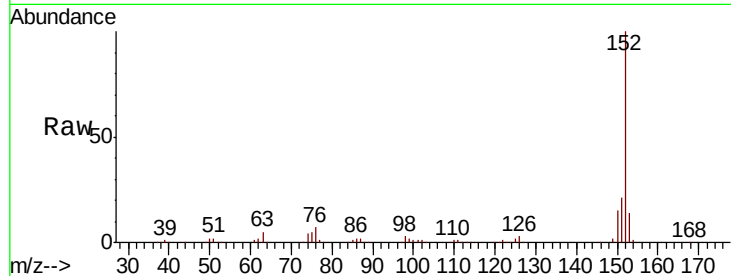
ClientSampleId :

PB116250BS

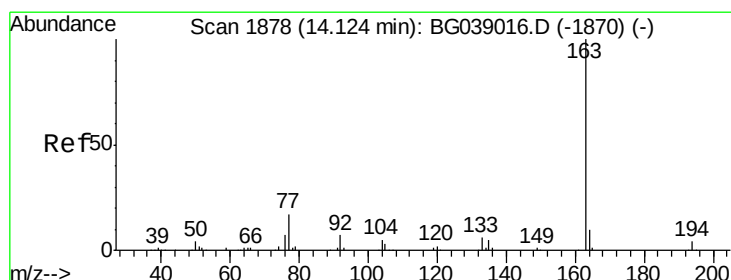
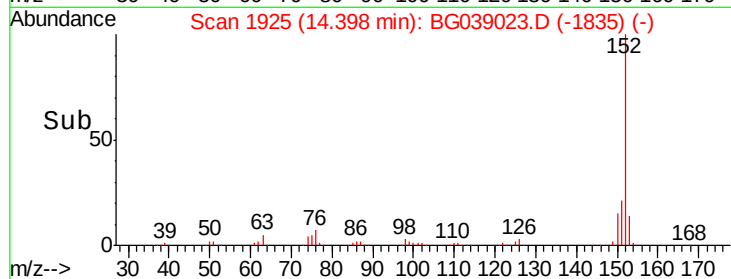
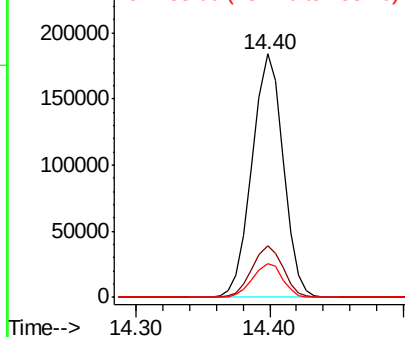
Tot Ion:	152	Resp:	297316
Ion Ratio		Lower	Upper
152	100		
151	21.2	17.0	25.4
153	13.9	11.2	16.8

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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



#50

Dimethylphthalate

Concen: 42.859 ng

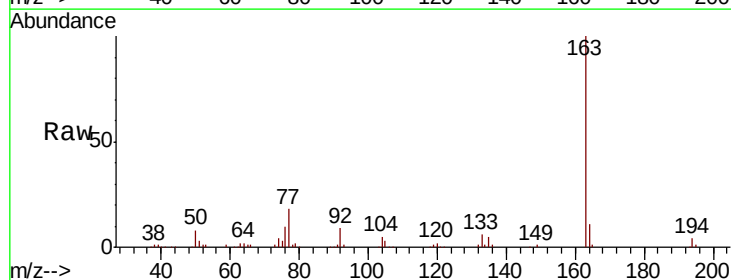
RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

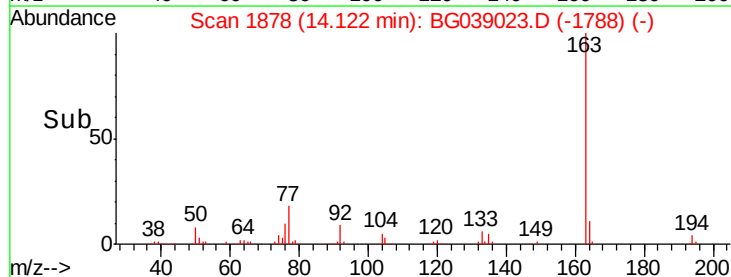
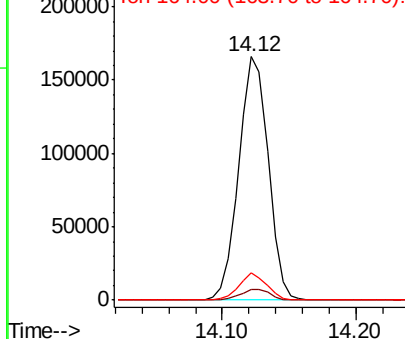
Lab File: BG039023.D

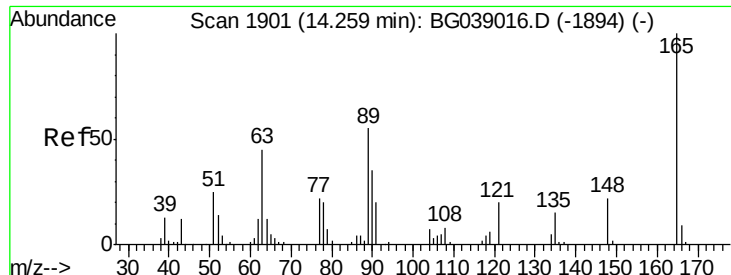
Acq: 9 Jan 2019 16:33

Tgt Ion:	163	Resp:	252644
Ion Ratio		Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.1	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: 43.785 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampled :

PB116250BS

Tot Ion:165 Resp: 57705

Ion Ratio Lower Upper

165 100

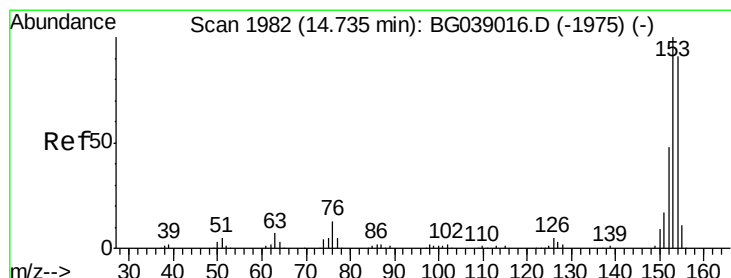
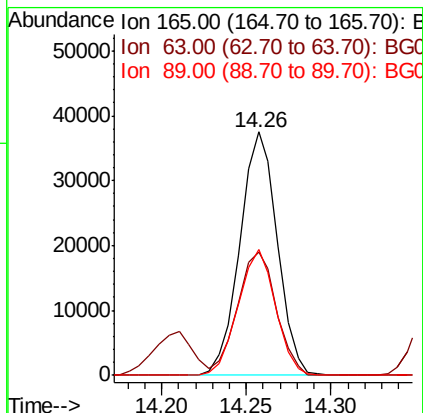
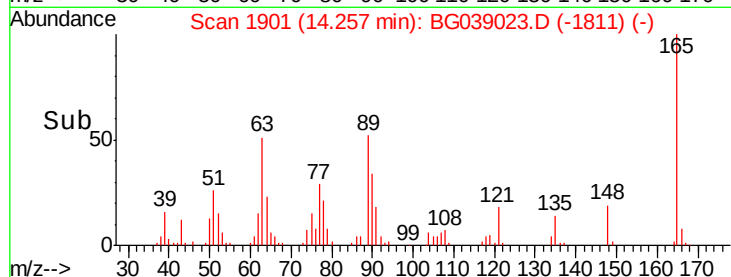
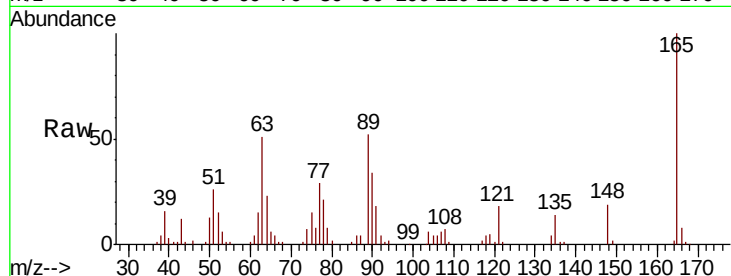
63 50.8 43.6 65.4

89 51.9 43.7 65.5

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1/10/2019 3:15:23 PM



#52

Acenaphthene

Concen: 42.362 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

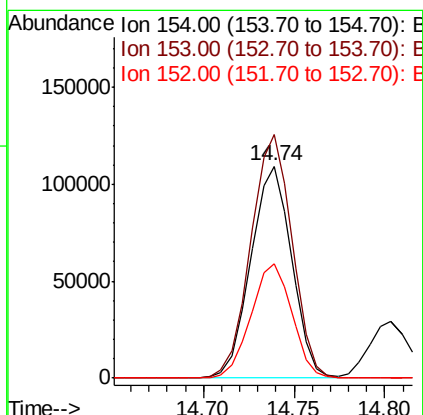
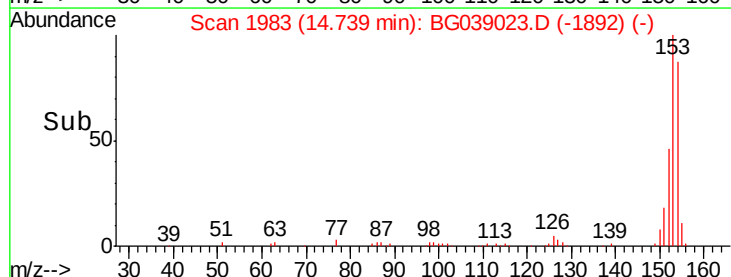
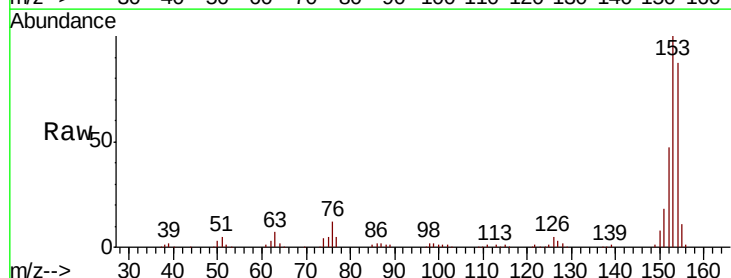
Tgt Ion:154 Resp: 171115

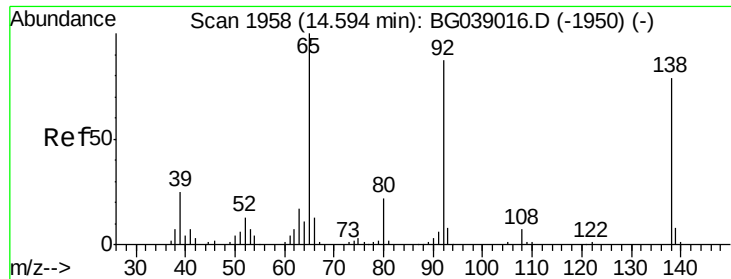
Ion Ratio Lower Upper

154 100

153 115.0 87.9 131.9

152 53.9 42.2 63.2





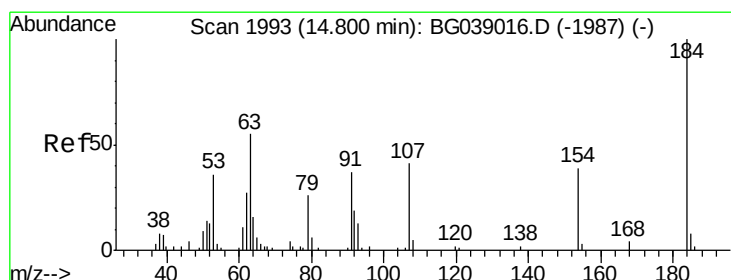
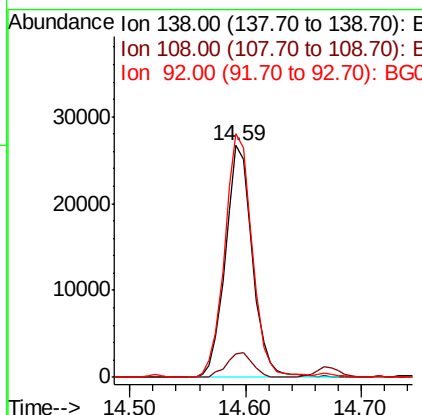
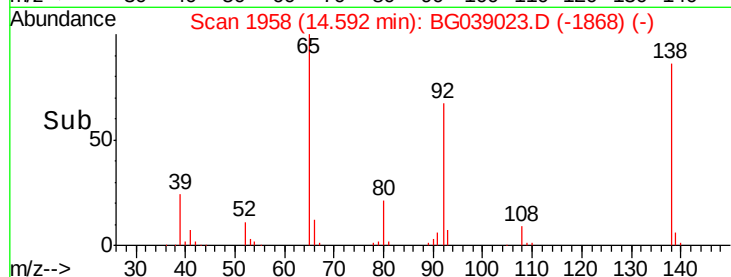
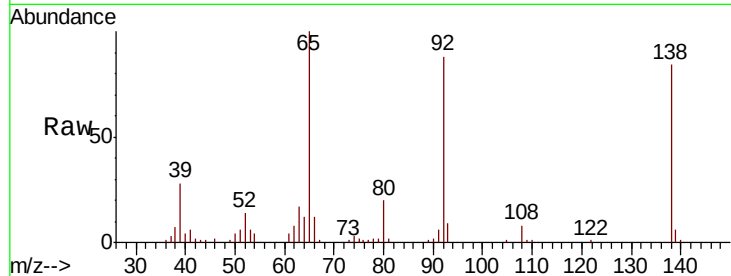
#53
3-Nitroaniline
Concen: 32.208 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.0
92	104.9	88.2	132.4

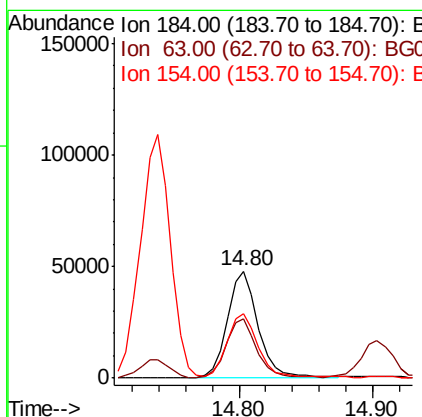
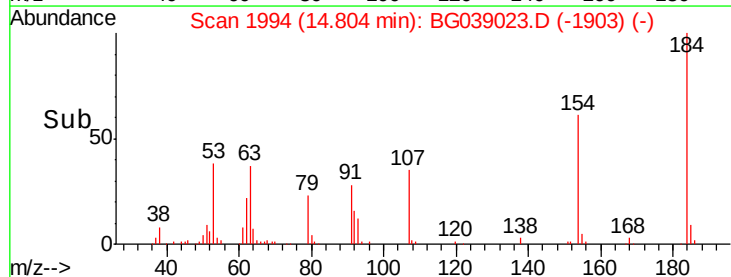
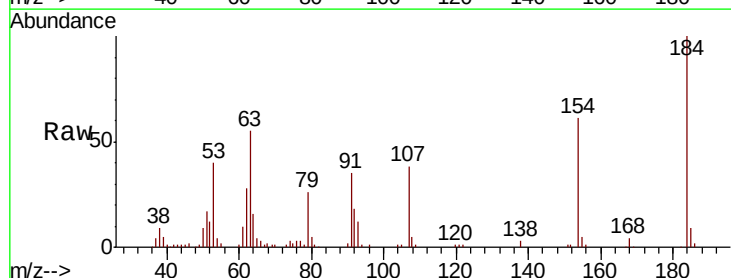
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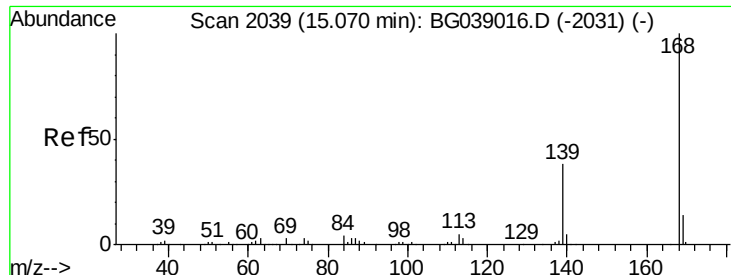
Sohil
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#54
2,4-Dinitrophenol
Concen: 97.230 ng
RT: 14.80 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.5	44.0	66.0
154	60.5	46.1	69.1





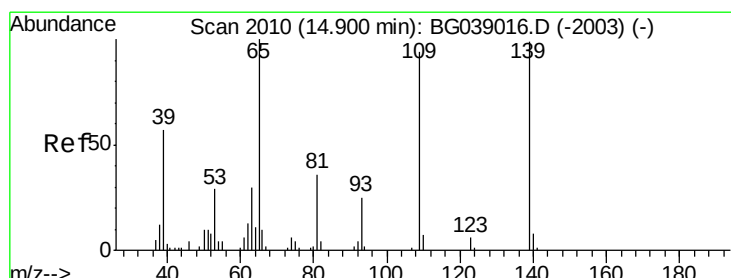
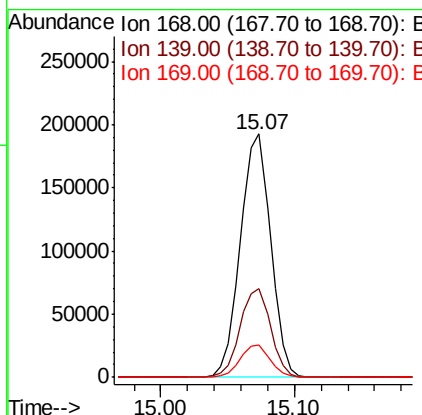
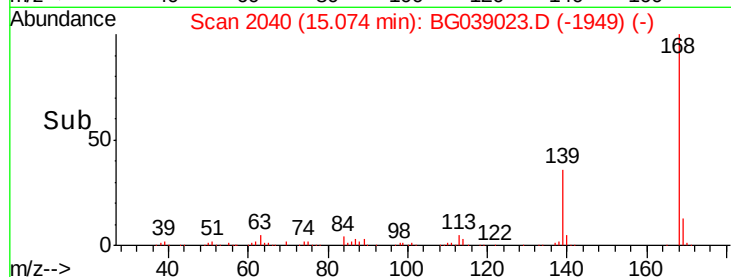
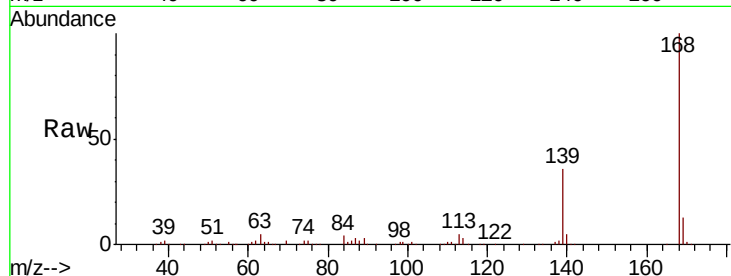
#55
Dibenzenofuran
Concen: 42.291 ng
RT: 15.07 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampled :
PB116250BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.3	30.1	45.1
169	13.4	10.9	16.3

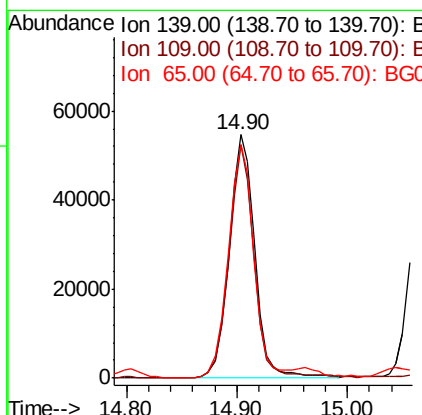
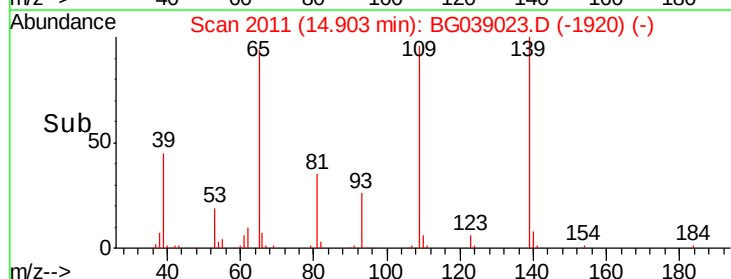
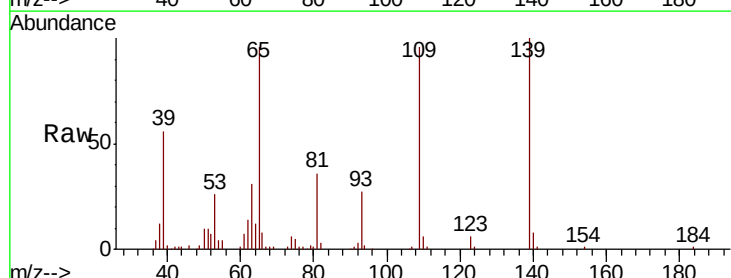
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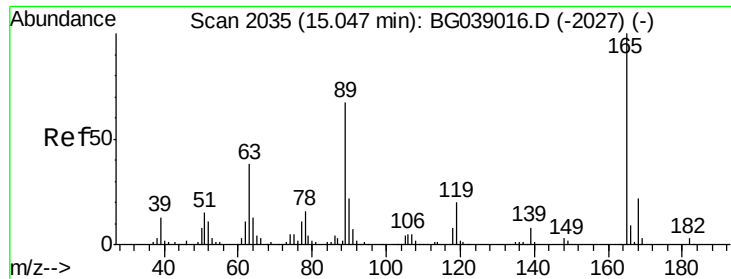
Sohil
1/10/2019 3:15:23 PM



#56
4-Nitrophenol
Concen: 92.477 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.7	75.6	115.6
65	95.8	81.2	121.2





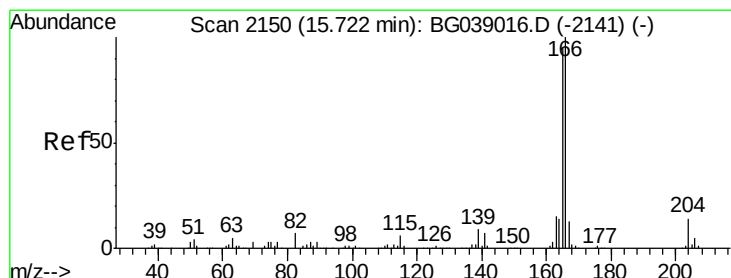
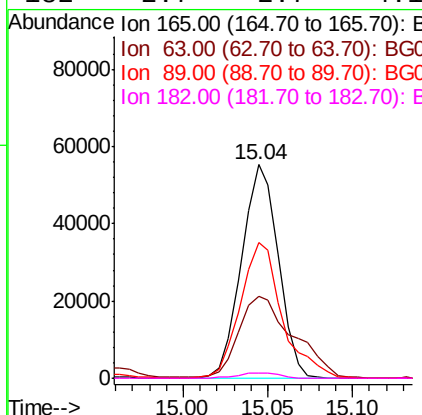
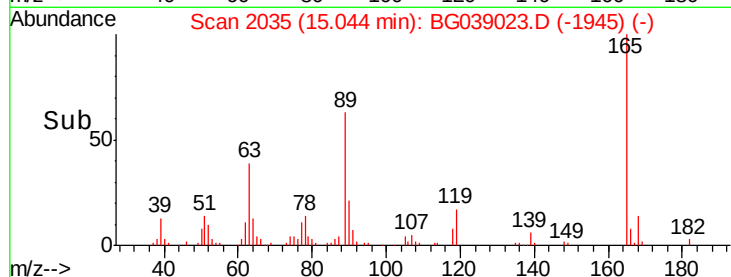
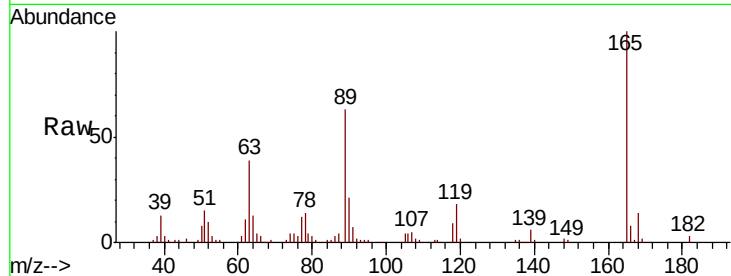
#57
2,4-Dinitrotoluene
Concen: 44.303 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	83768		
63	38.7		30.2	45.4
89	63.3		53.2	79.8
182	2.7		2.7	4.1#

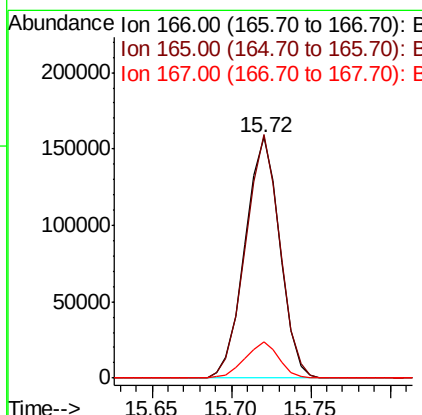
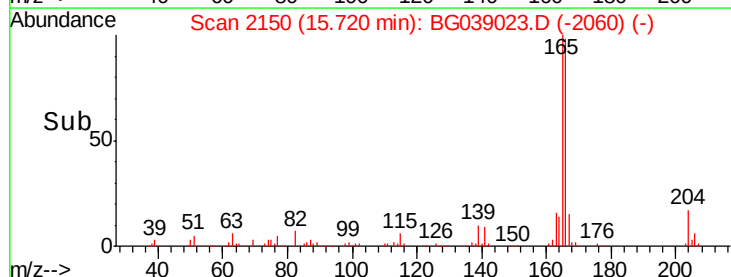
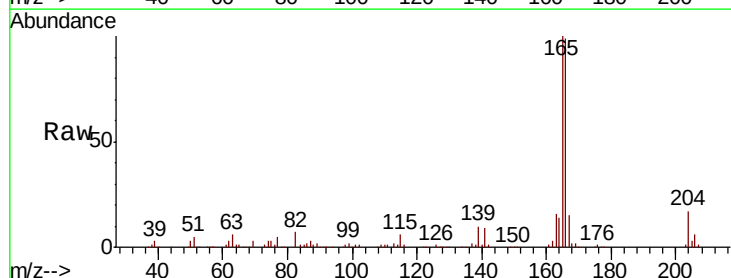
Manual Integrations
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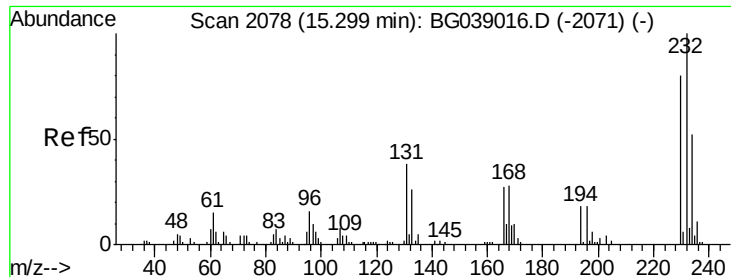
Sohil
1/10/2019 3:15:23 PM



#58
Fluorene
Concen: 44.797 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	240557		
165	101.1		76.2	114.2
167	15.1		10.6	16.0





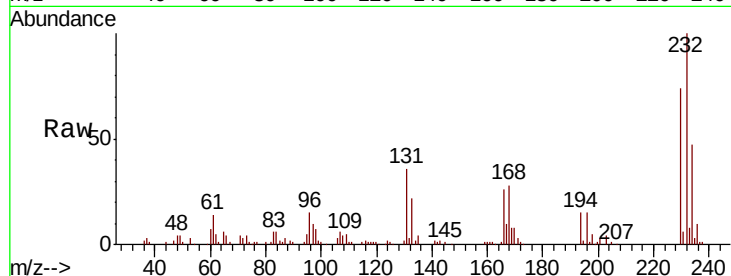
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.585 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.9	30.9	46.3
130	2.3	1.9	2.9
166	25.5	22.1	33.1

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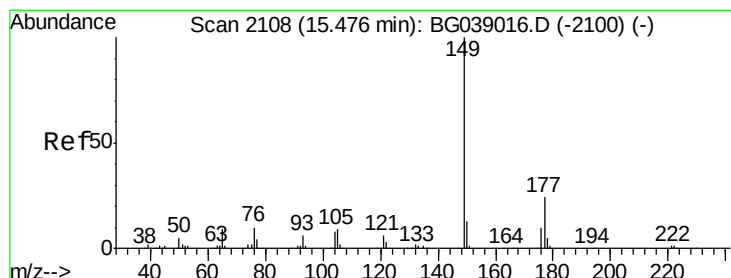
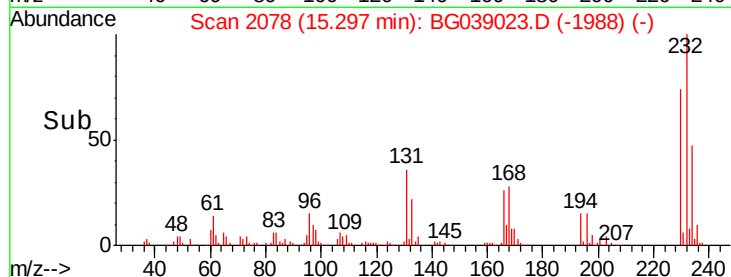
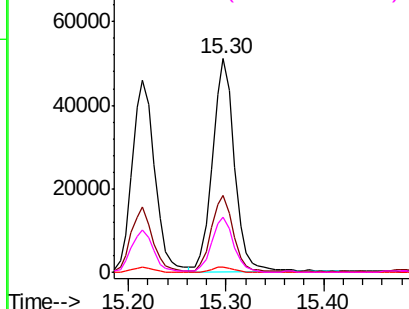
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

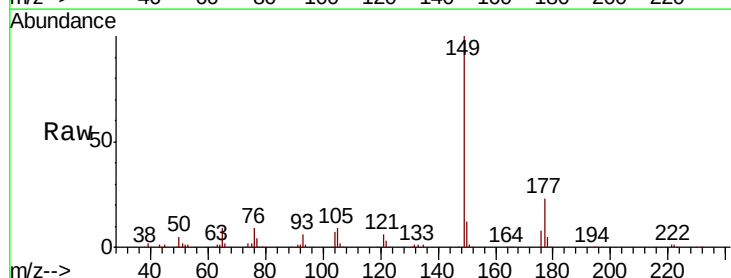
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.941 ng
RT: 15.48 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.0	28.6
150	12.2	10.2	15.4

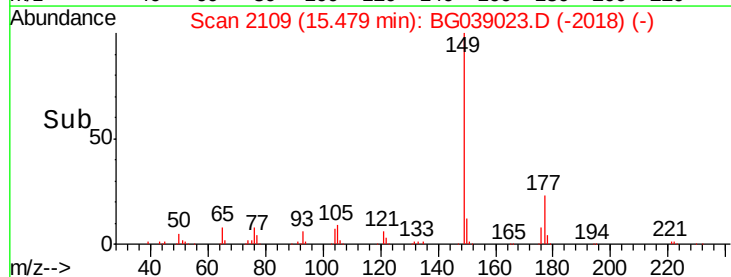
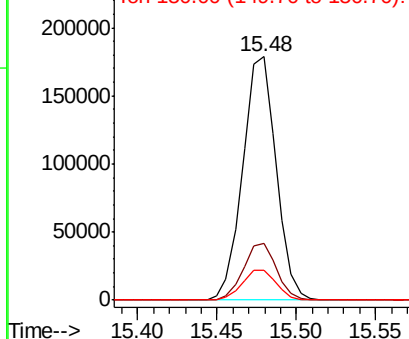


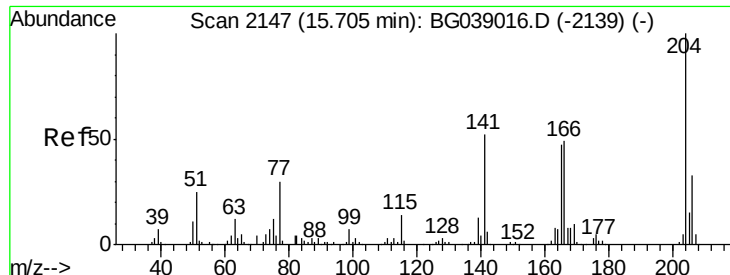
Abundance

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





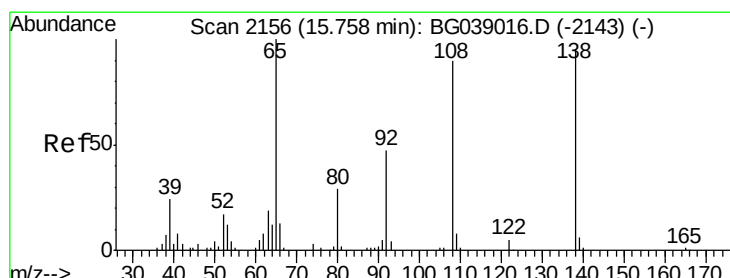
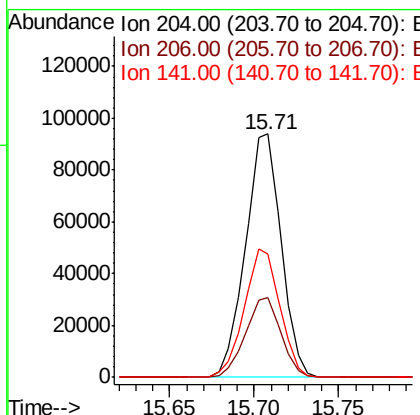
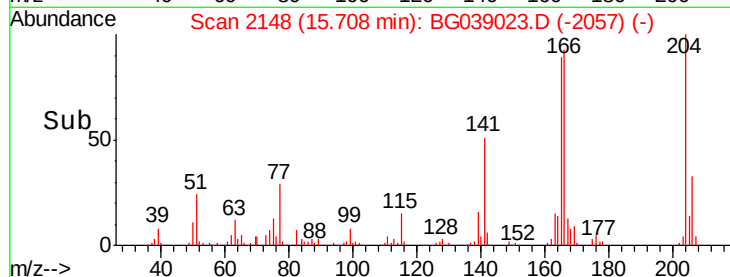
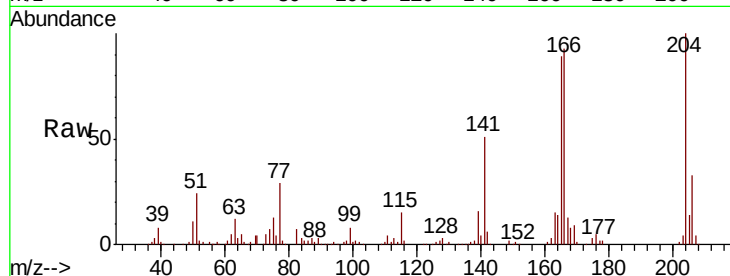
#61
4-Chlorophenyl-phenylether
Concen: 40.904 ng
RT: 15.71 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	50.8	41.4	62.0

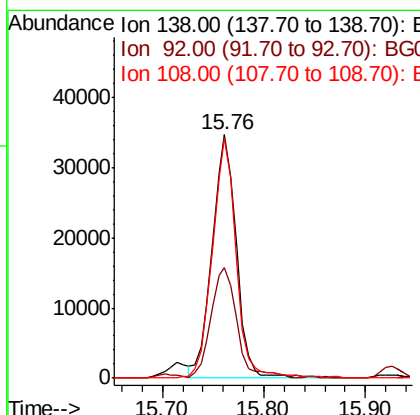
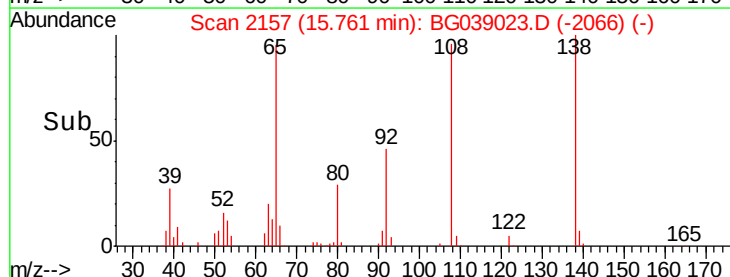
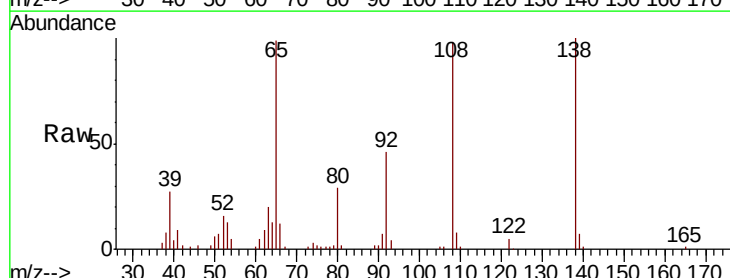
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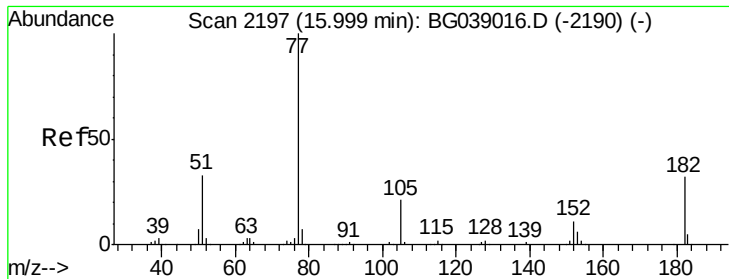
Sohil
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#62
4-Nitroaniline
Concen: 41.240 ng
RT: 15.76 min Scan# 2157
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.6	29.7	69.7
108	98.5	75.7	115.7





#63

Azobenzene

Concen: 41.498 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampleId :

PB116250BS

Tot Ion: 77 Resp: 197099

Ion Ratio Lower Upper

77 100

182 33.7 12.2 52.2

105 20.2 1.2 41.2

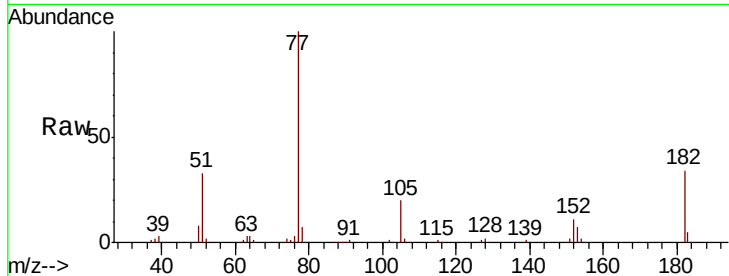
51 32.9 13.4 53.4

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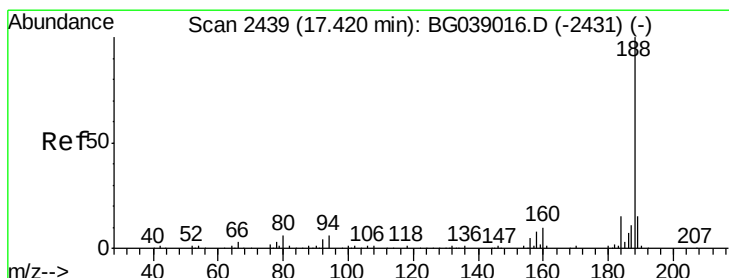
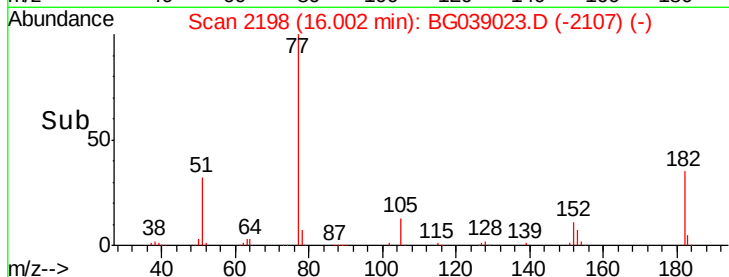
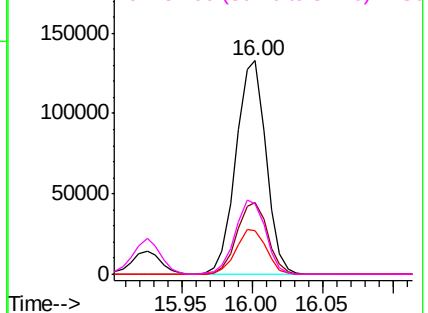
Abundance

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion: 188 Resp: 185545

Ion Ratio Lower Upper

188 100

94 5.7 5.0 7.4

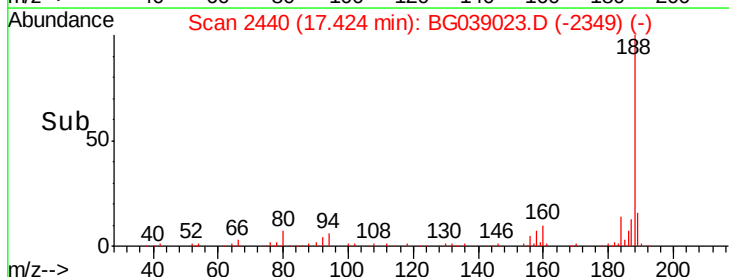
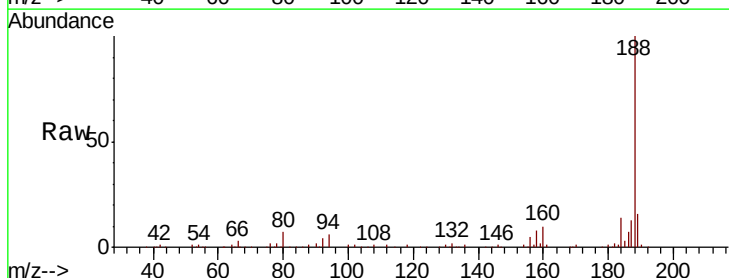
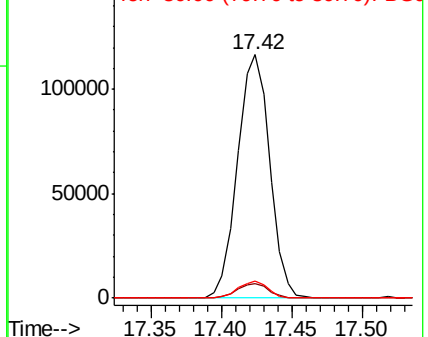
80 7.0 4.7 7.1

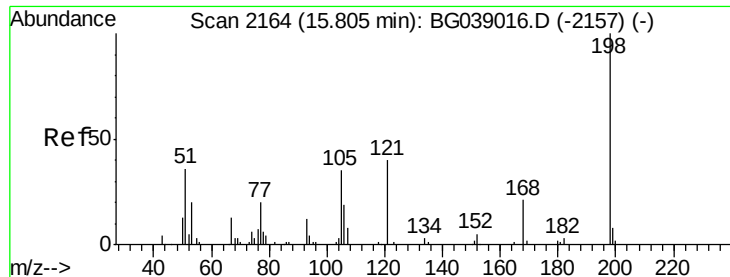
Abundance

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: 42.236 ng

RT: 15.81 min Scan# 2165

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

ClientSampled :

PB116250BS

Tot Ion:198 Resp: 58059

Ion Ratio Lower Upper

198 100

51 35.7 20.8 60.8

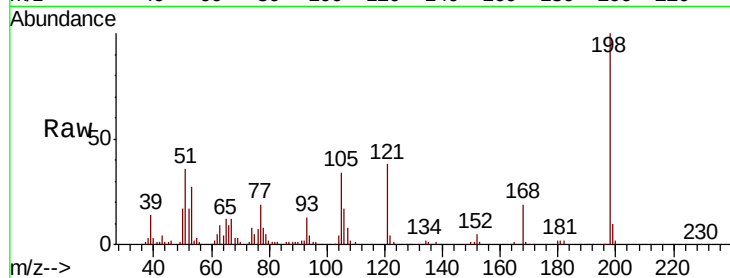
105 33.6 16.1 56.1

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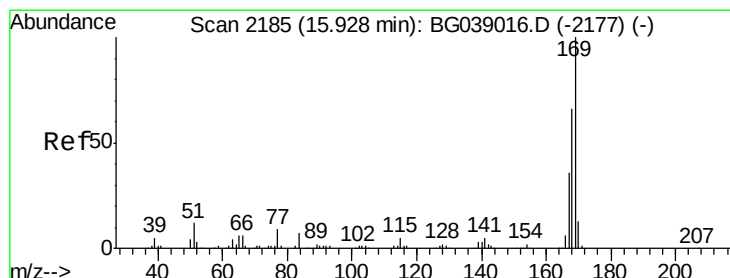
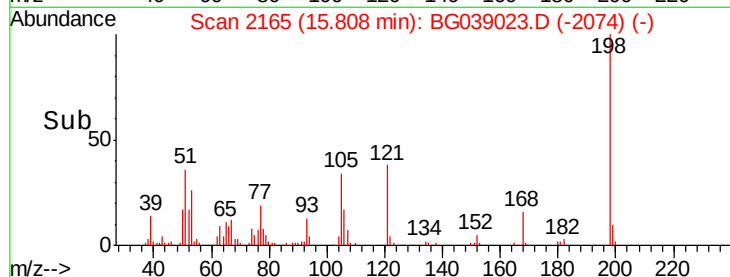
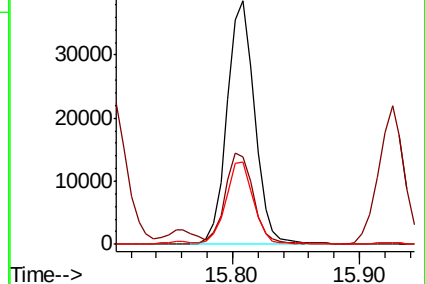
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.300 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

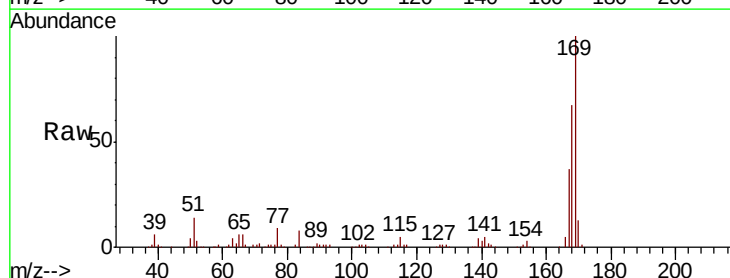
Tgt Ion:169 Resp: 227168

Ion Ratio Lower Upper

169 100

168 67.2 53.2 79.8

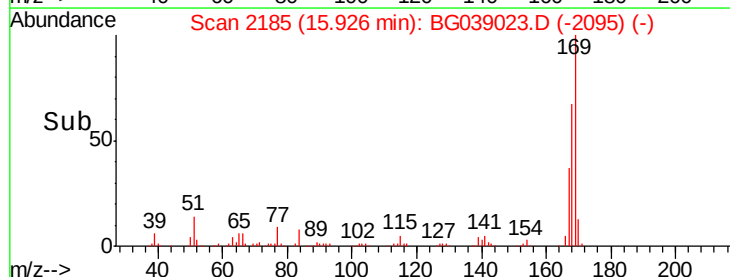
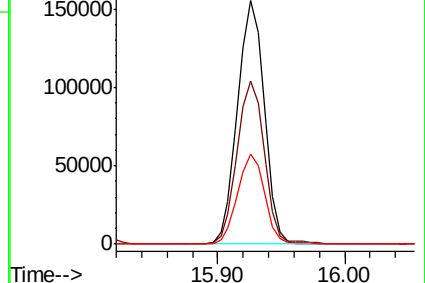
167 36.7 29.1 43.7

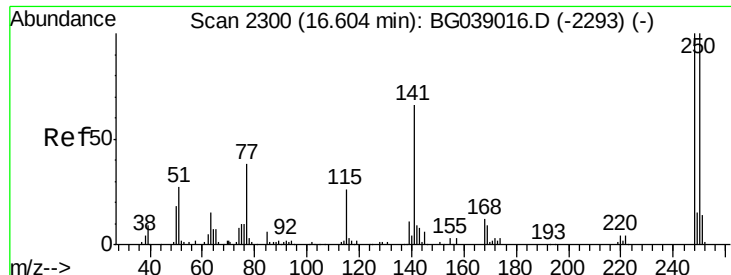


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





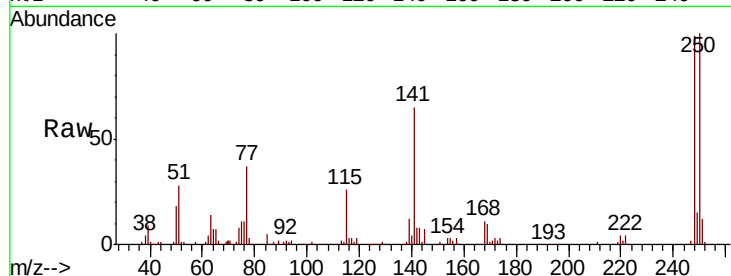
#67
 4-Bromophenyl-phenylether
 Concen: 40.149 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.3	79.9	119.9
141	66.2	52.7	79.1

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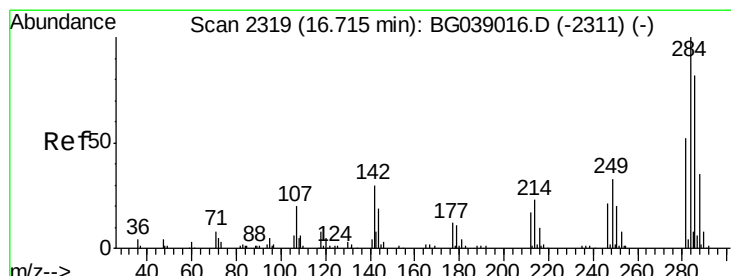
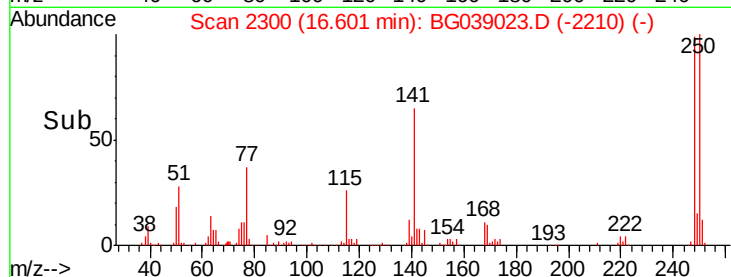
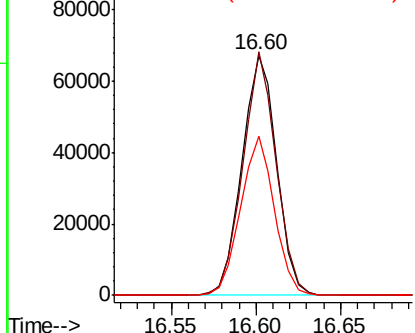


Abundance

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



#68
 Hexachlorobenzene
 Concen: 39.483 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

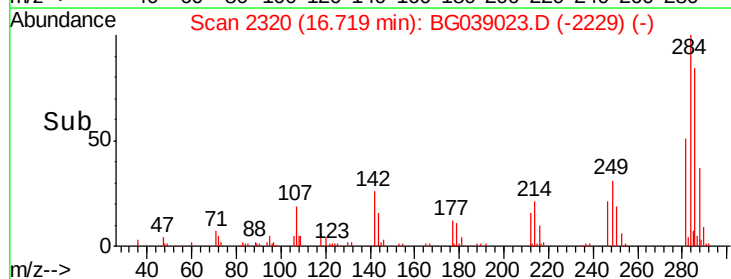
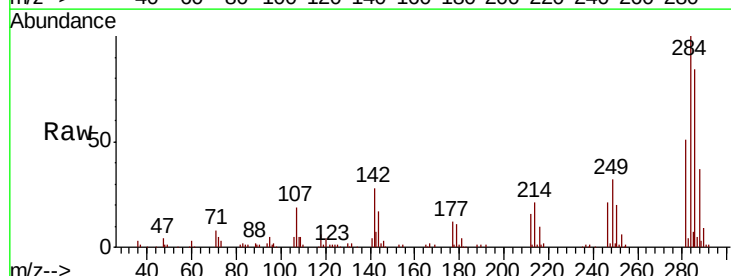
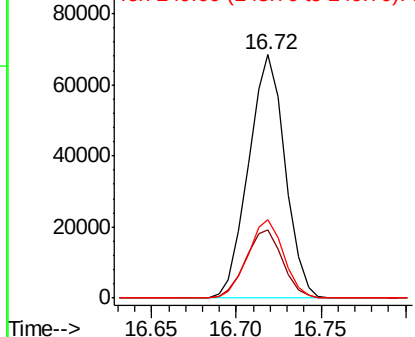
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.8	24.3	36.5
249	34.5	27.8	41.8

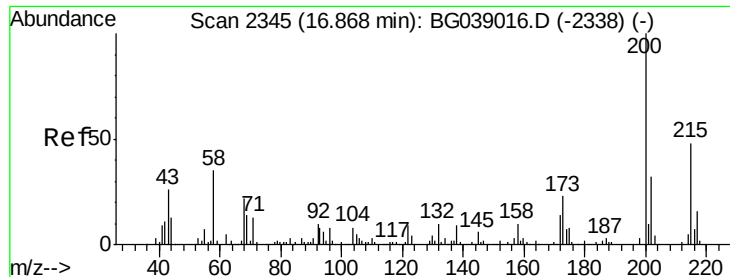
Abundance

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





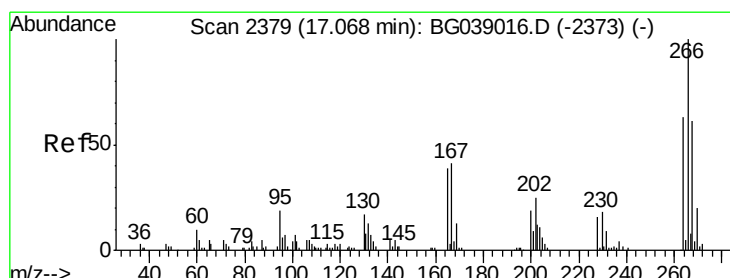
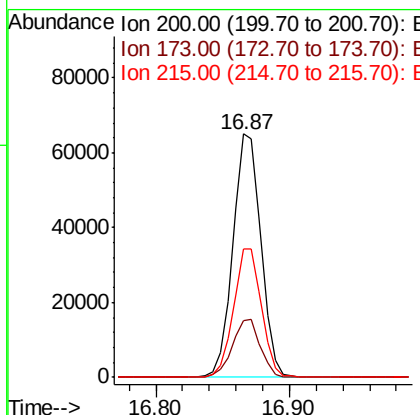
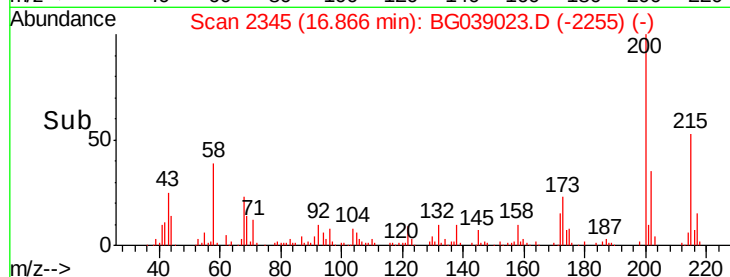
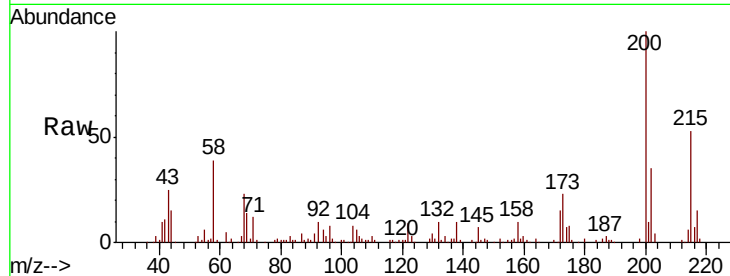
#69
Atrazine
Concen: 40.556 ng
RT: 16.87 min Scan# 2345
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	2.6	42.6
215	52.6	28.0	68.0

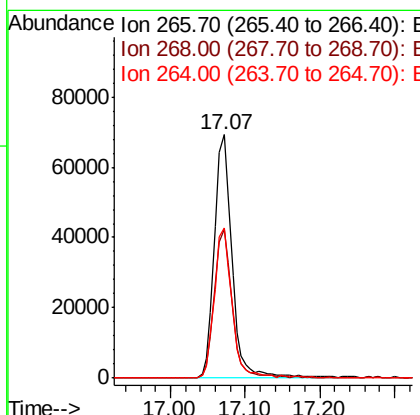
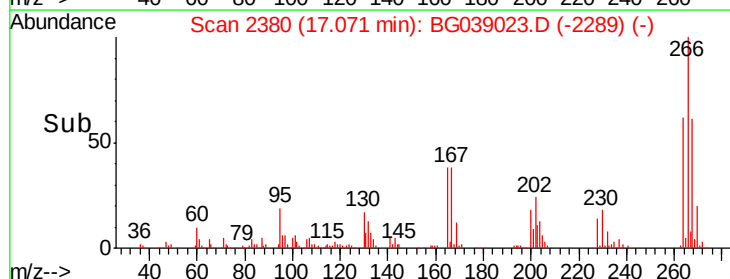
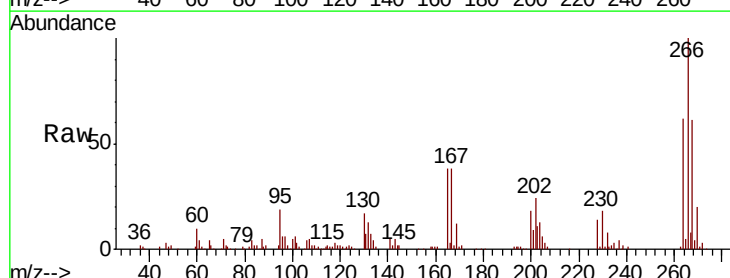
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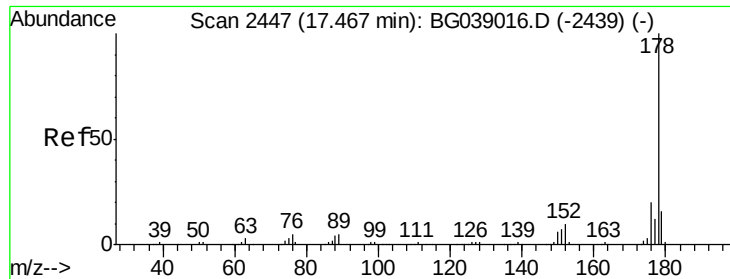
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#70
Pentachlorophenol
Concen: 71.825 ng
RT: 17.07 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	52.0	78.0
264	66.5	54.6	81.8





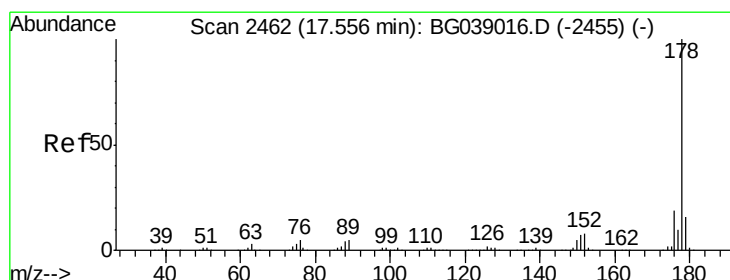
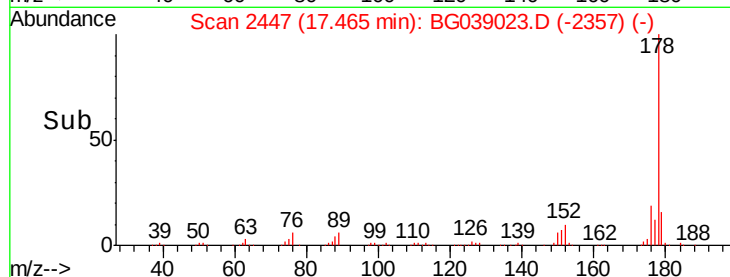
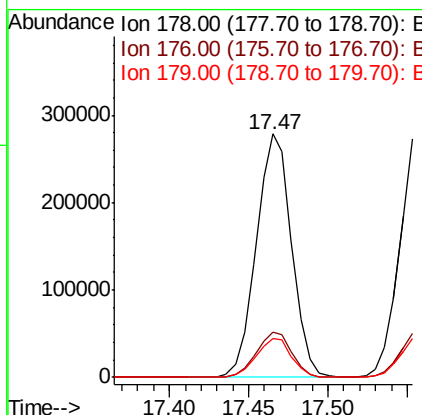
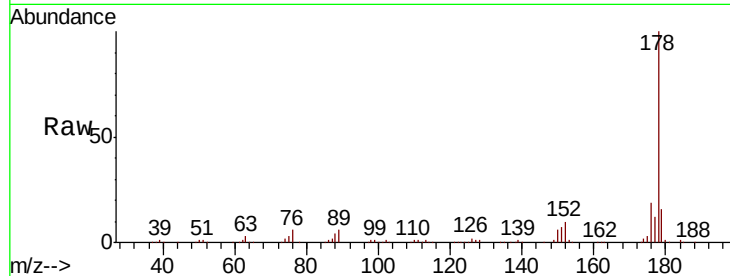
#71
 Phenanthrene
 Concen: 43.686 ng
 RT: 17.47 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.7	23.5
179	16.2	12.9	19.3

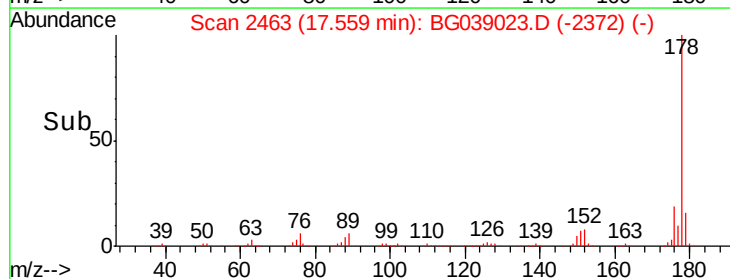
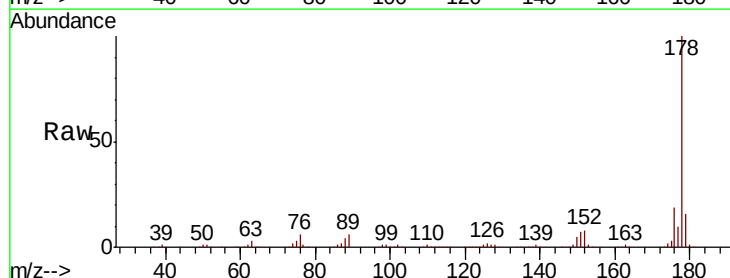
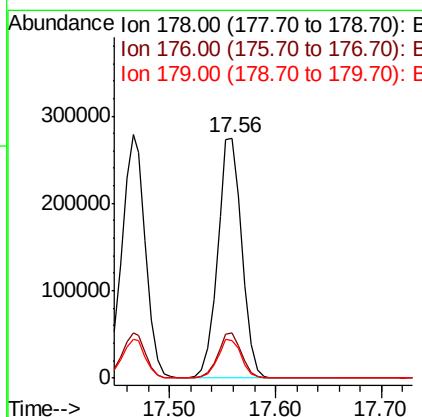
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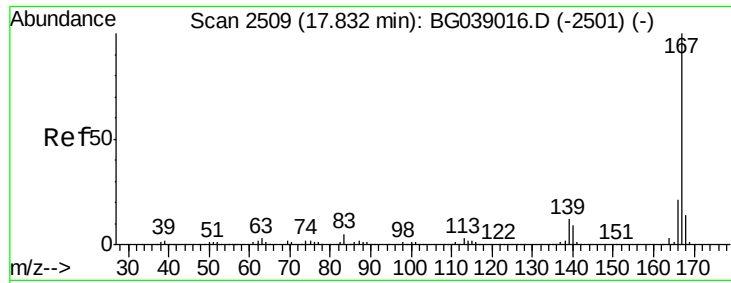
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#72
 Anthracene
 Concen: 44.871 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	13.0	19.4





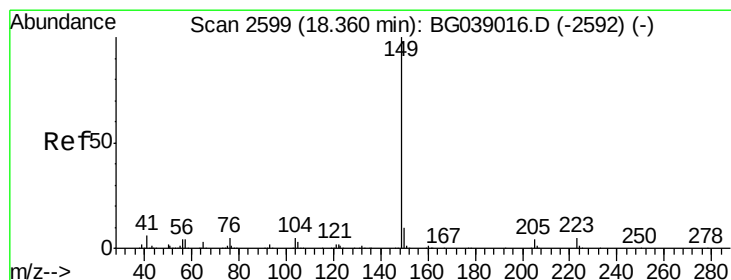
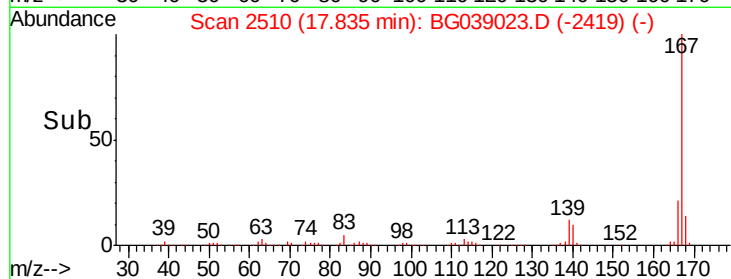
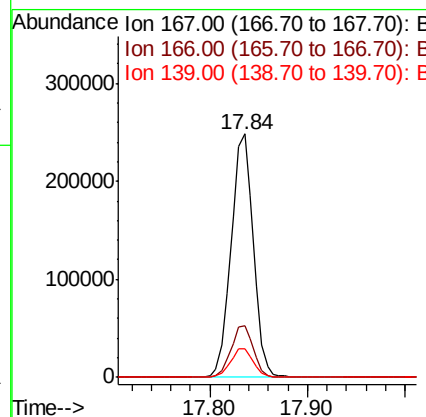
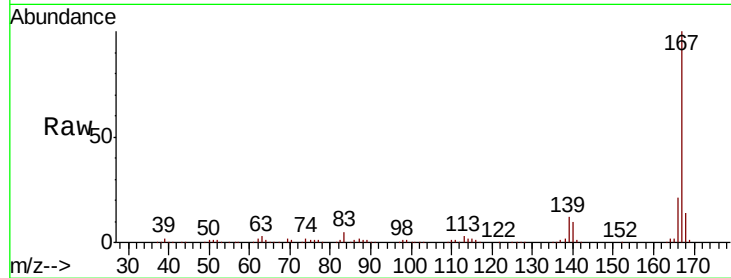
#73
 Carbazole
 Concen: 40.875 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	11.8	10.0	15.0

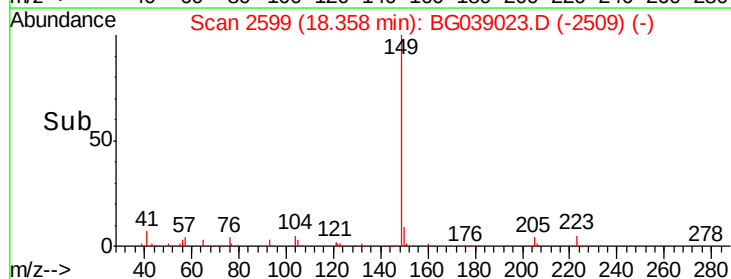
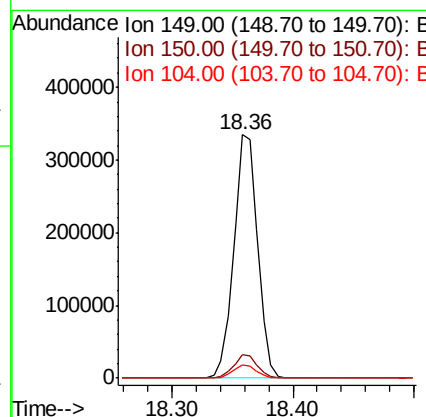
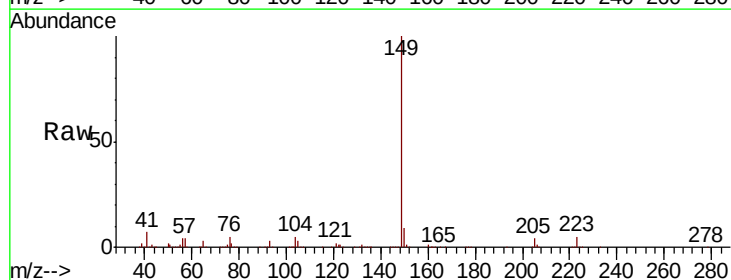
Manual Integrations
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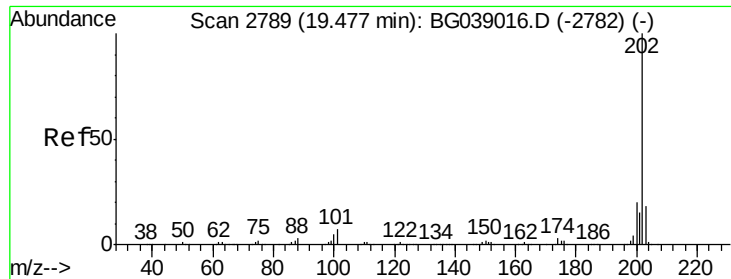
Sohil
 1/10/2019 3:15:23 PM



#74
 Di-n-butylphthalate
 Concen: 42.911 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.9	11.9
104	5.4	4.2	6.2





#75

Fluoranthene

Concen: 44.820 ng

RT: 19.47 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

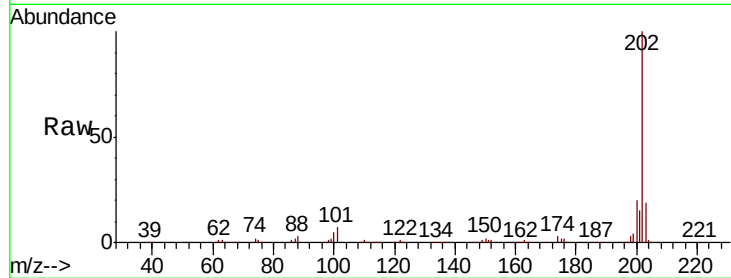
ClientSampled :

PB116250BS

Tot Ion:	202	Resp:	544925
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	26.9
203	18.9	0.0	38.1

Manual Integrations
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Sohil
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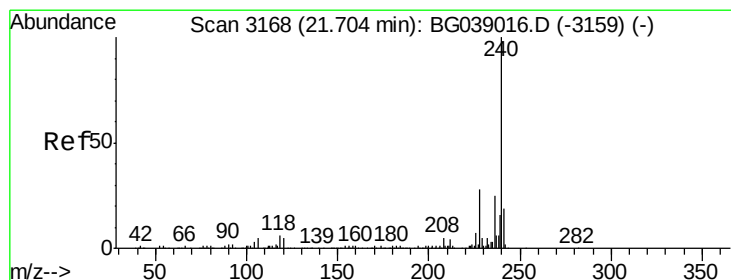
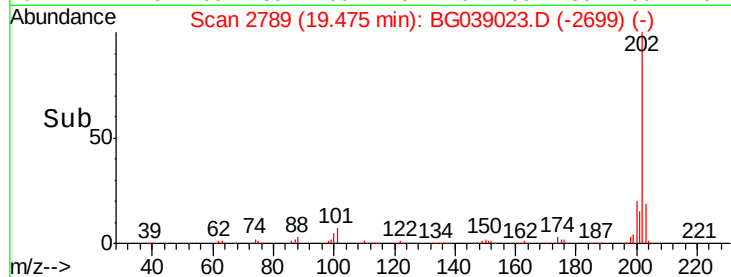
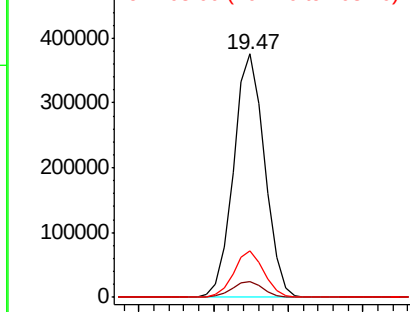


Abundance

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



#76

Chrysene-d12

Concen: 20.000 ng

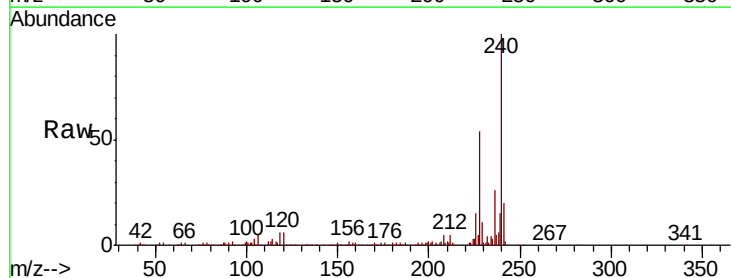
RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	240	Resp:	195452
Ion Ratio	Lower	Upper	
240	100		
120	6.1	4.3	6.5
236	25.7	20.1	30.1

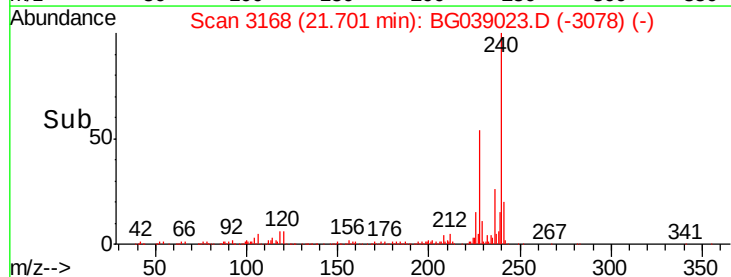
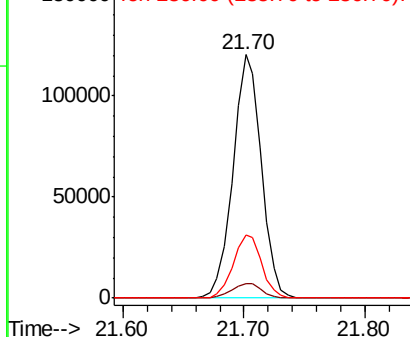


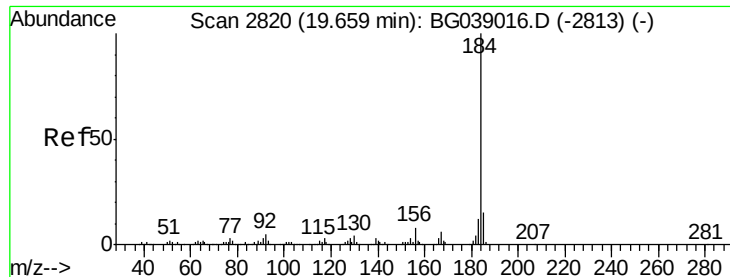
Abundance

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: 33.209 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

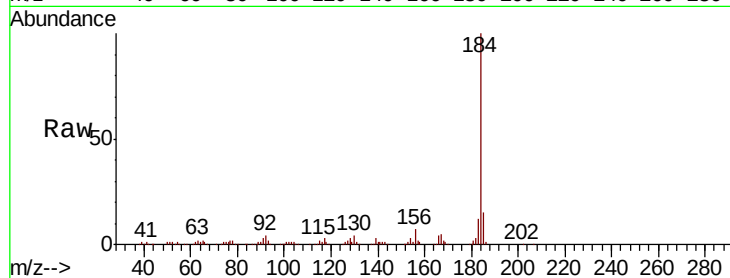
ClientSampleId :

PB116250BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.1	18.1
183	12.3	9.5	14.3

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1/10/2019 3:15:23 PM

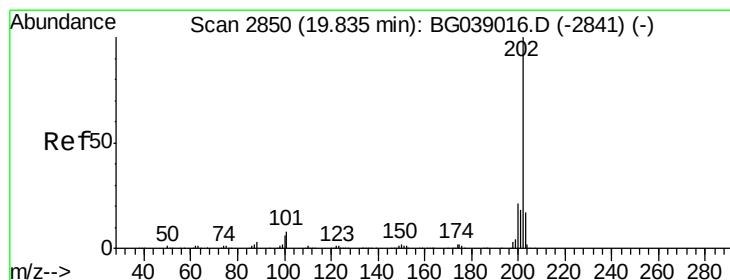
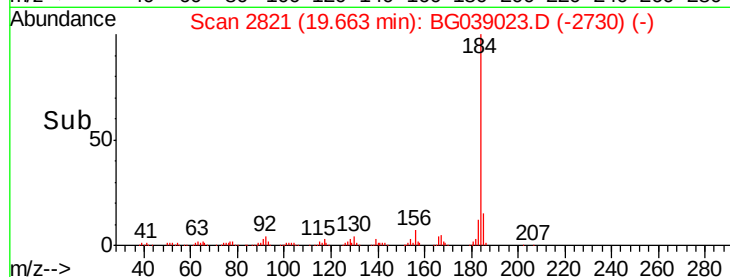
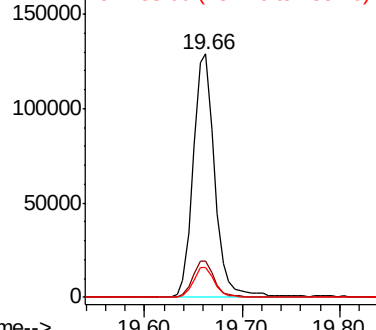


Abundance

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



#78

Pyrene

Concen: 43.432 ng

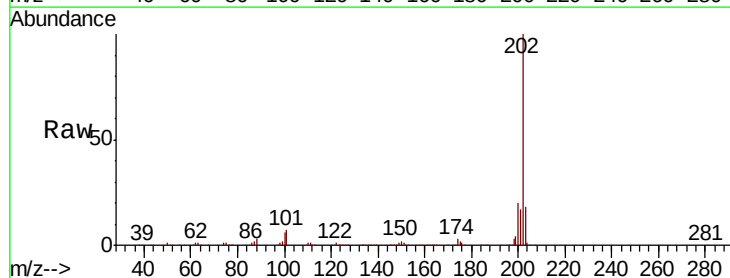
RT: 19.84 min Scan# 2851

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.0	25.6
203	18.1	14.0	21.0

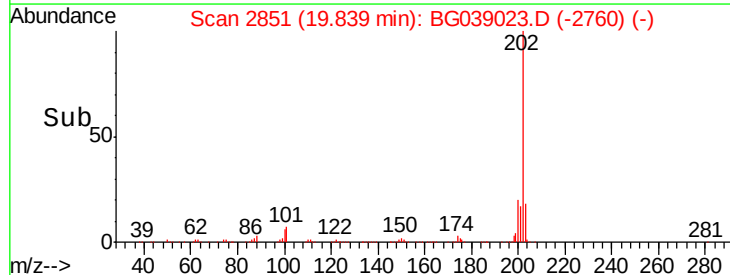
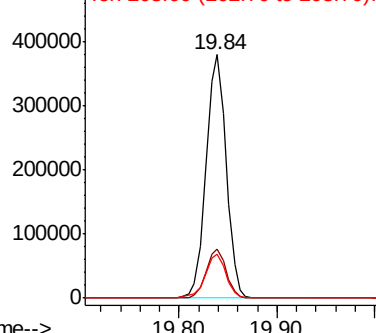


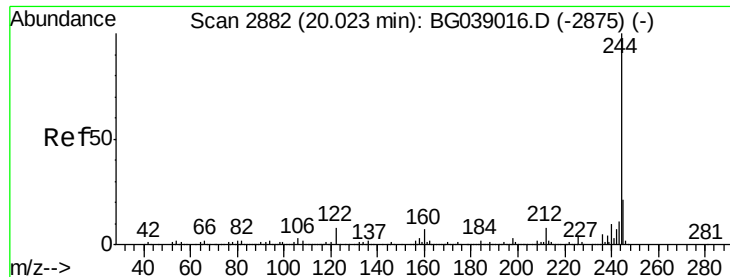
Abundance

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: 70.855 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

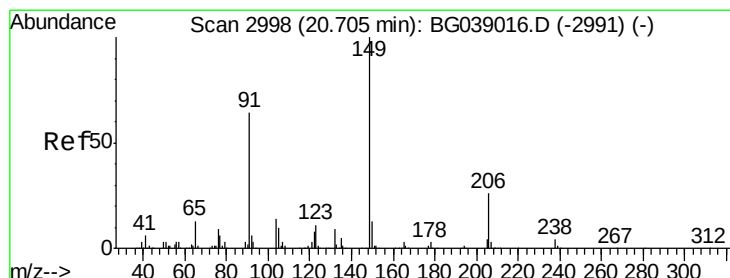
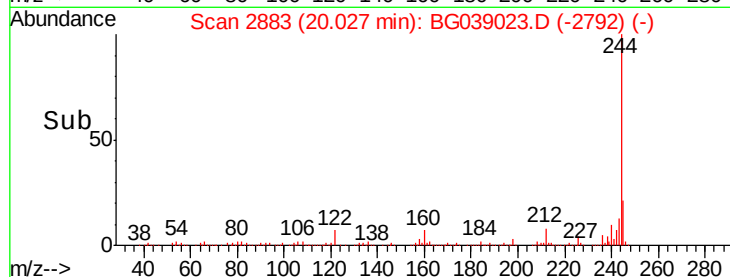
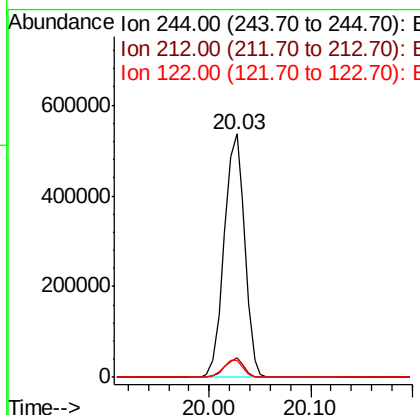
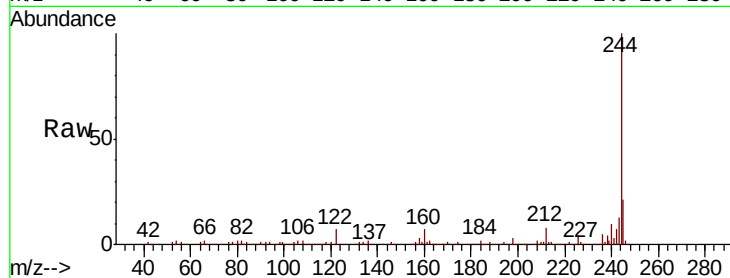
ClientSampled :

PB116250BS

Tot Ion:	244	Resp:	748621
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.1	9.1
122	6.9	6.1	9.1

Manual Integrations
APPROVED

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1/10/2019 3:15:23 PM



#80

Butylbenzylphthalate

Concen: 42.897 ng

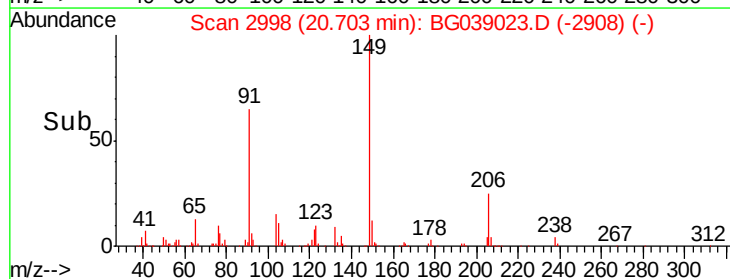
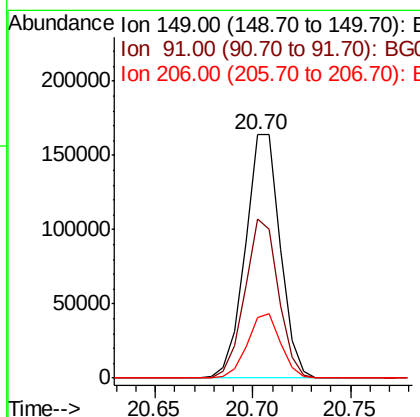
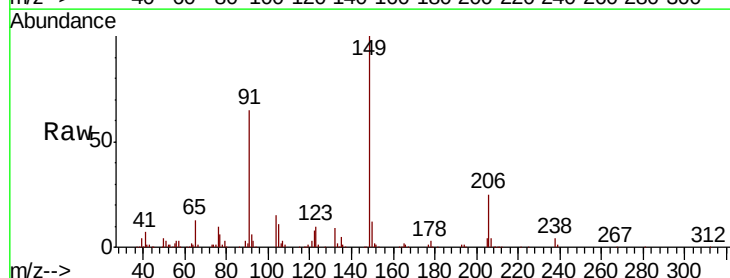
RT: 20.70 min Scan# 2998

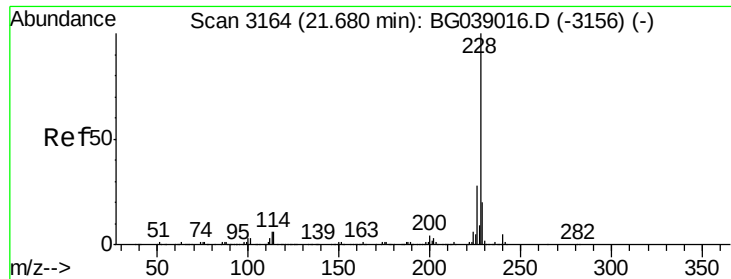
Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	149	Resp:	203224
Ion Ratio		Lower	Upper
149	100		
91	65.2	51.4	77.0
206	25.0	20.4	30.6





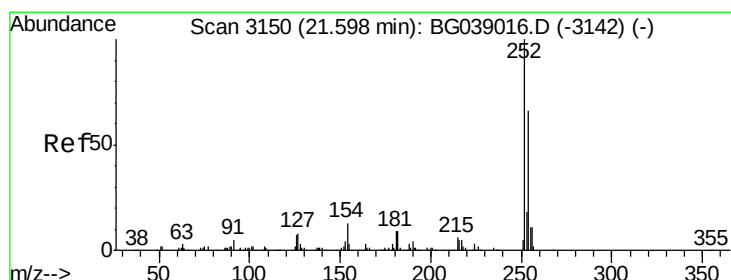
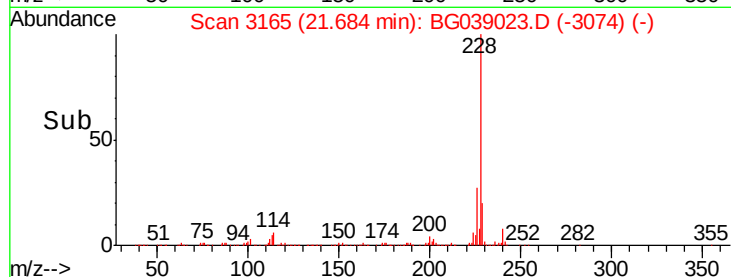
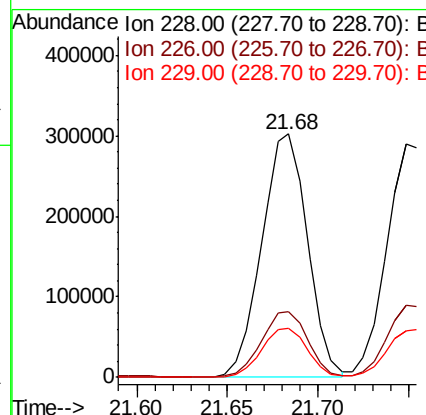
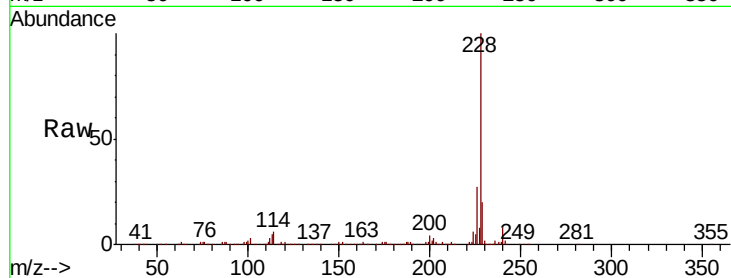
#81
Benzo(a)anthracene
Concen: 44.638 ng
RT: 21.68 min Scan# 3165
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.4	33.6
229	20.1	16.2	24.2

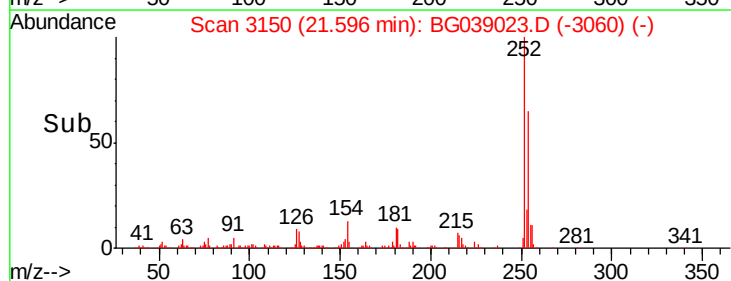
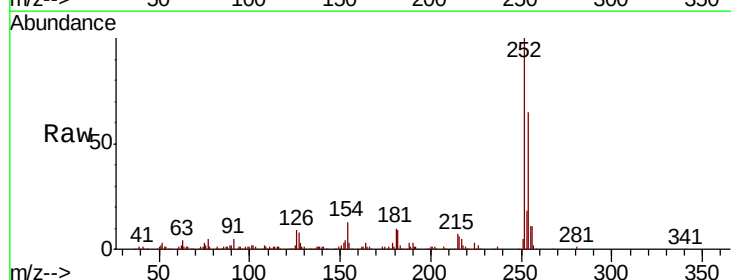
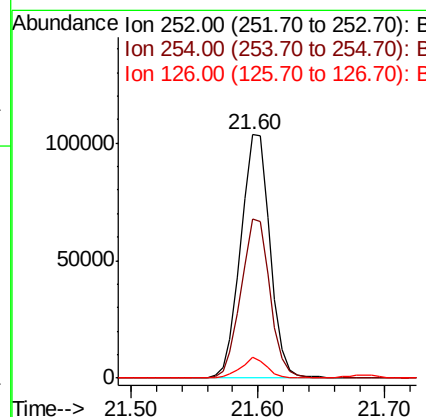
Manual Integrations
APPROVED

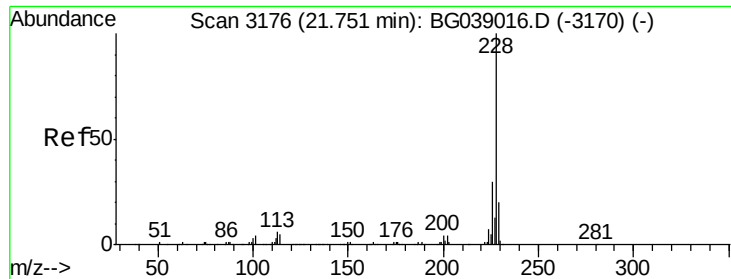
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 34.106 ng
RT: 21.60 min Scan# 3150
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	53.0	79.6
126	8.7	6.0	9.0





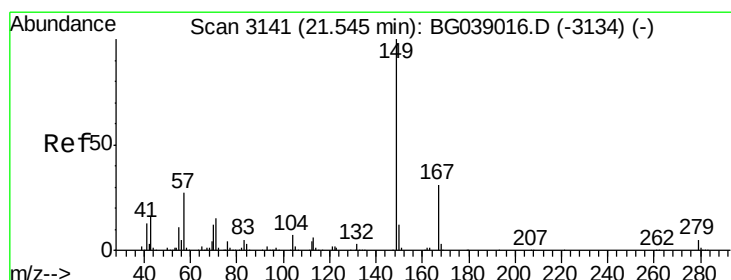
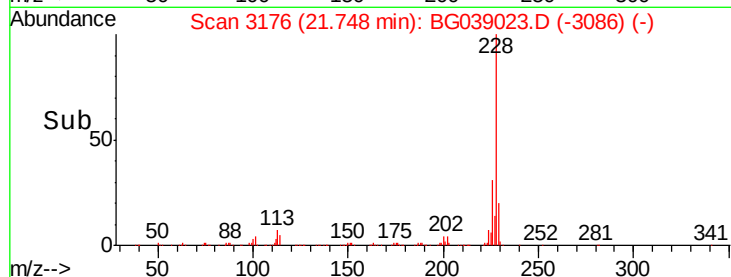
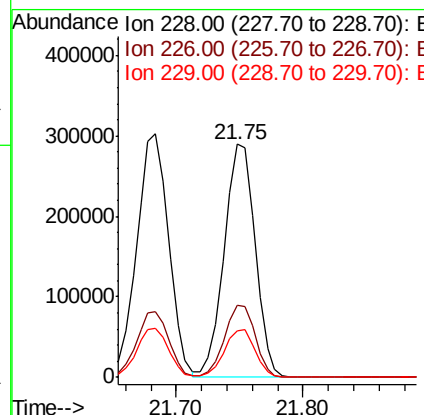
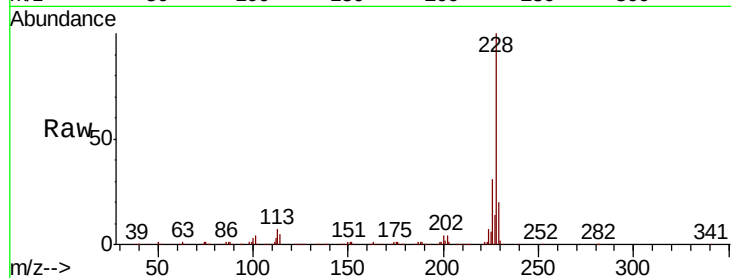
#83
 Chrysene
 Concen: 43.475 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Instrument :
 BNA_G
 ClientSampleId :
 PB116250BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.1	36.1
229	20.0	16.0	24.0

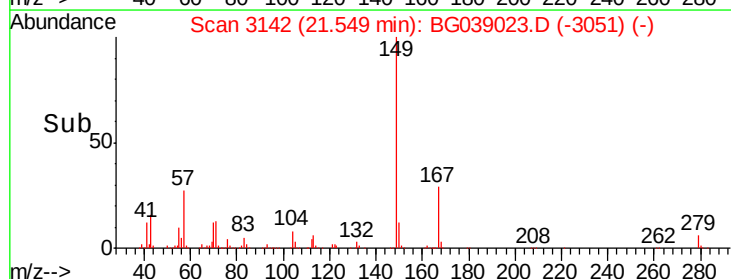
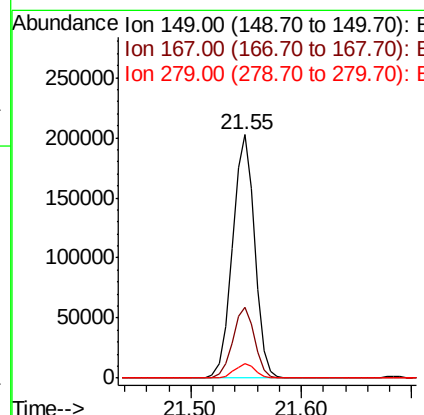
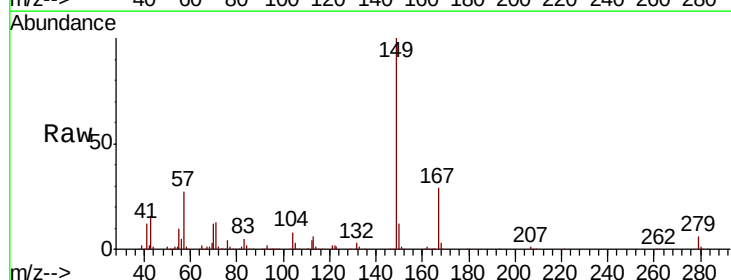
Manual Integrations
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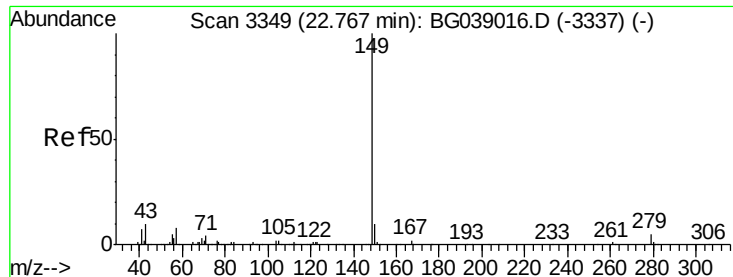
Sohil
 1/10/2019 3:15:23 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.239 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: BG039023.D
 Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	25.0	37.4
279	6.1	4.3	6.5





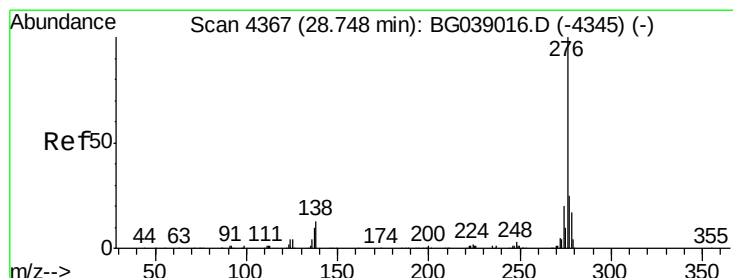
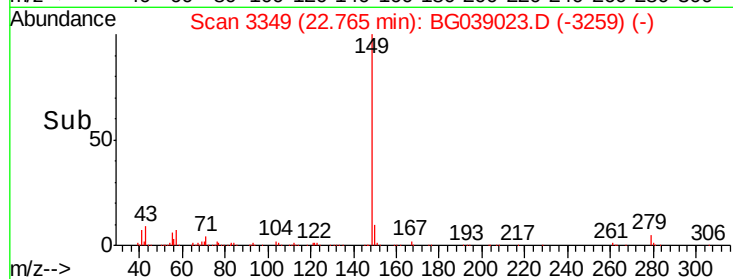
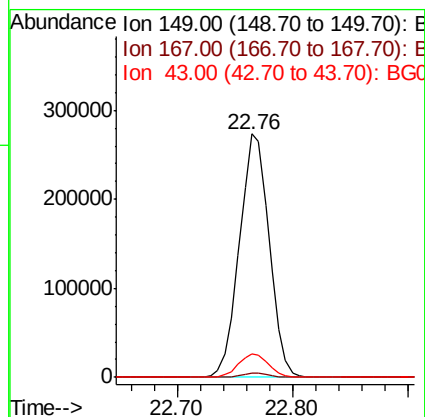
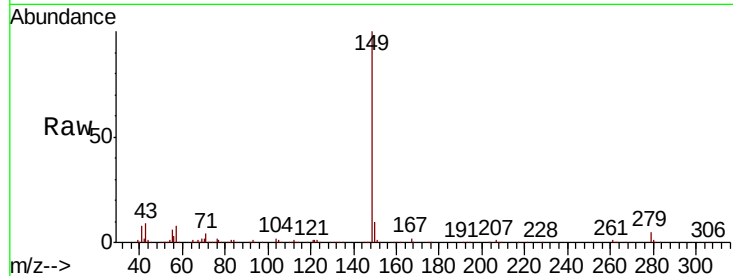
#85
Di-n-octyl phthalate
Concen: 43.860 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.4	7.5	11.3

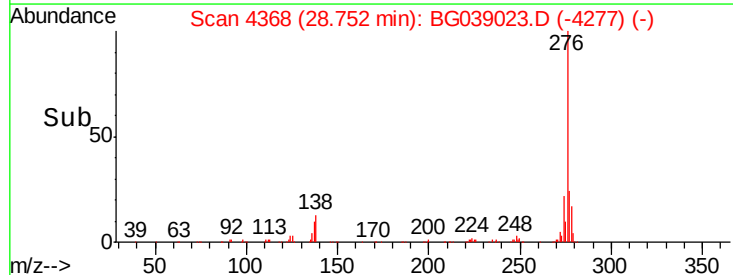
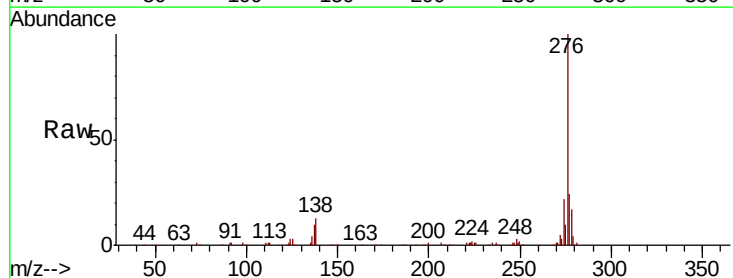
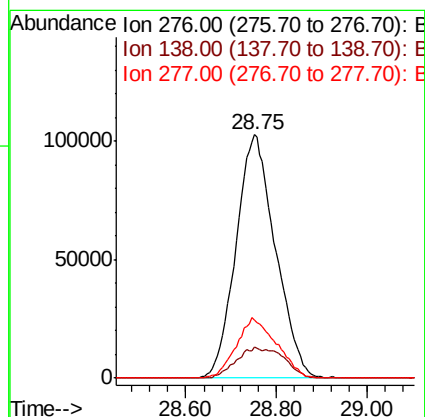
Manual Integrations
APPROVED

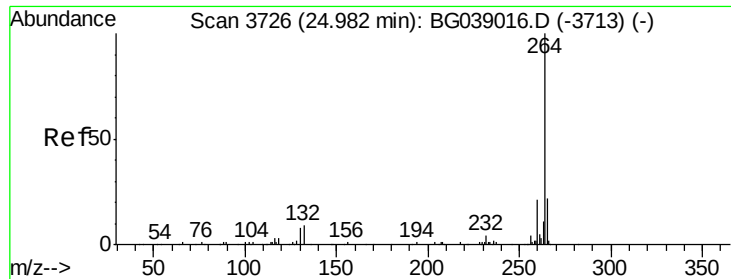
Sohil
1/10/2019 3:15:23 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 45.799 ng
RT: 28.75 min Scan# 4368
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	8.0	12.0#
277	25.2	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: BG039023.D

Acq: 9 Jan 2019 16:33

Instrument :

BNA_G

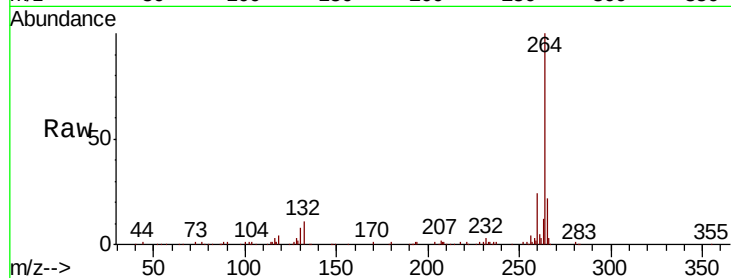
ClientSampleId :

PB116250BS

Tot Ion:	264	Resp:	191239
Ion Ratio		Lower	Upper
264	100		
260	23.7	17.0	25.6
265	22.1	17.2	25.8

Manual Integrations
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1/10/2019 3:15:23 PM

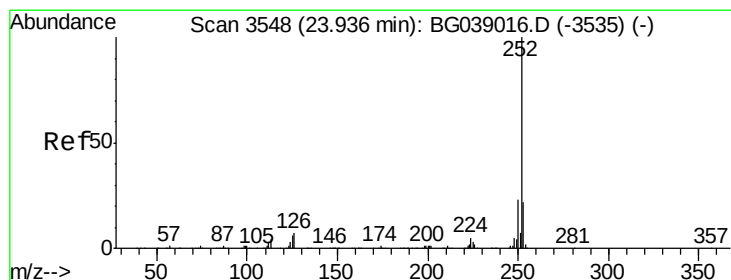
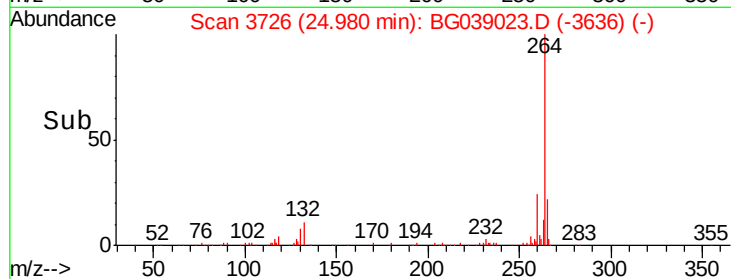
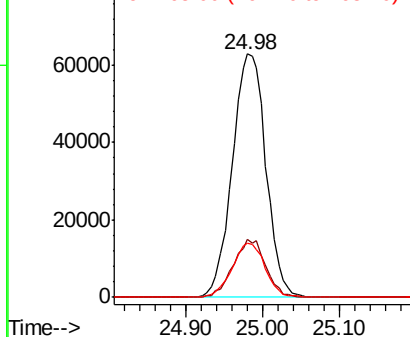


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.322 ng

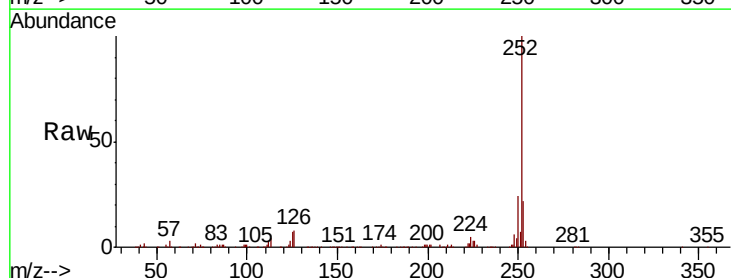
RT: 23.93 min Scan# 3548

Delta R.T. -0.00 min

Lab File: BG039023.D

Acq: 9 Jan 2019 16:33

Tgt Ion:	252	Resp:	541183
Ion Ratio		Lower	Upper
252	100		
253	22.2	17.8	26.6
125	6.7	4.9	7.3

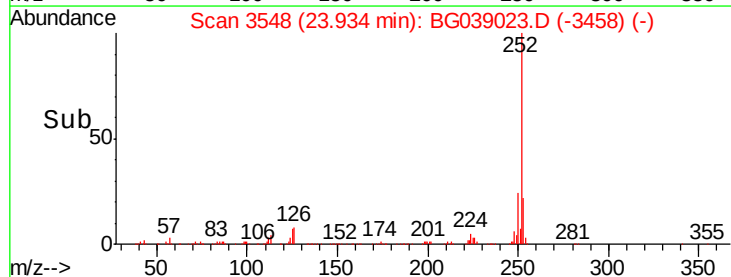
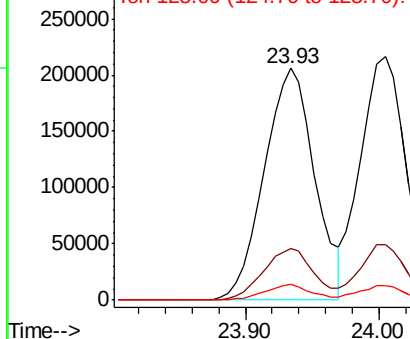


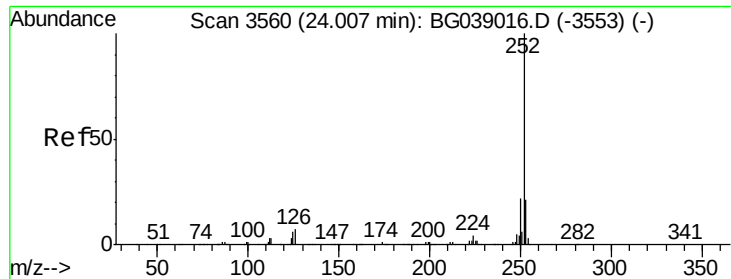
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





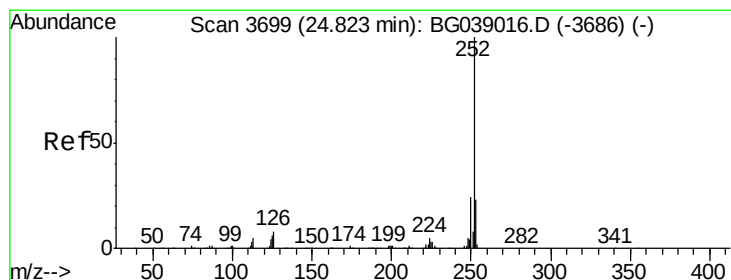
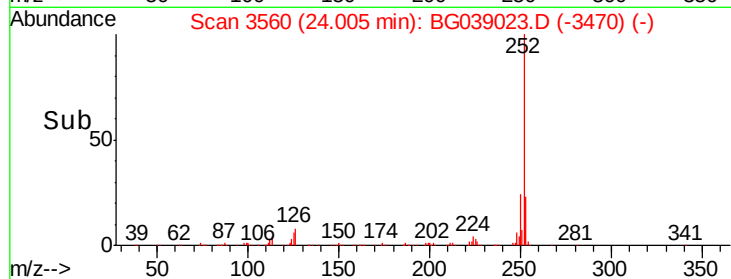
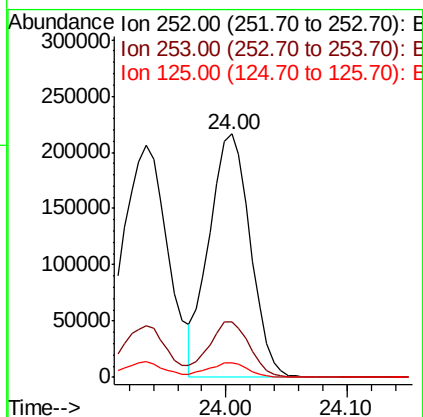
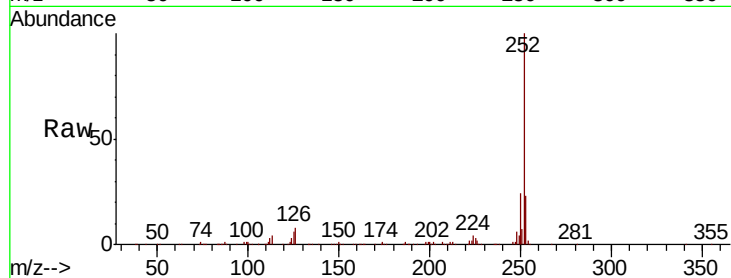
#89
Benzo(k)fluoranthene
Concen: 48.868 ng
RT: 24.00 min Scan# 3560
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	5.7	4.6	7.0

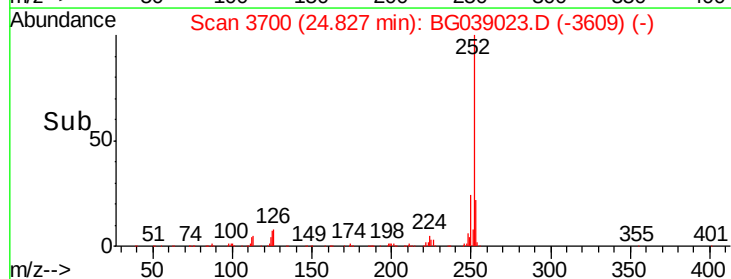
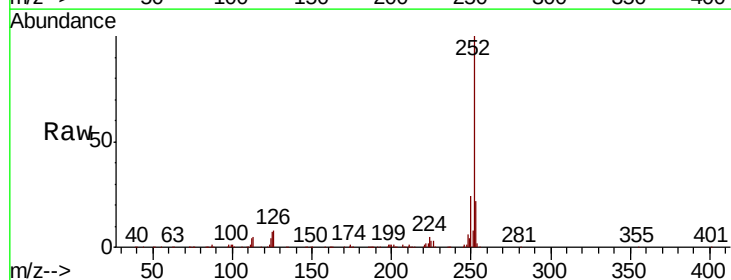
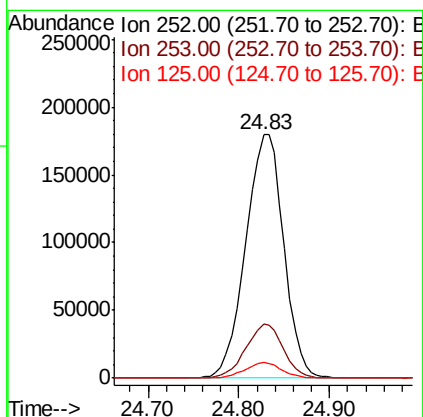
Manual Integrations
APPROVED

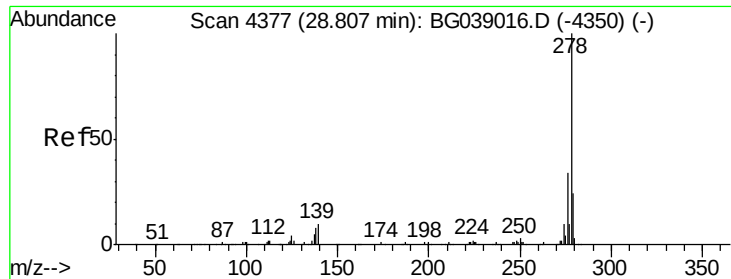
Sohil
1/10/2019 3:15:23 PM



#90
Benzo(a)pyrene
Concen: 51.266 ng
RT: 24.83 min Scan# 3700
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.3	27.5
125	6.7	4.9	7.3





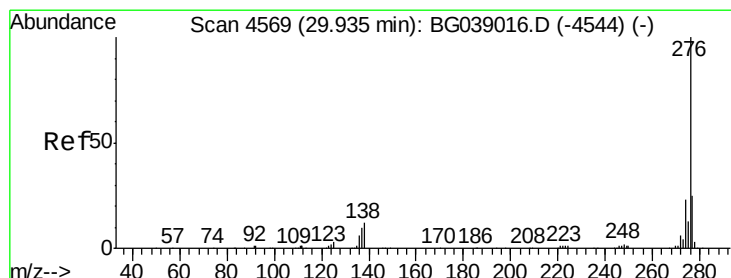
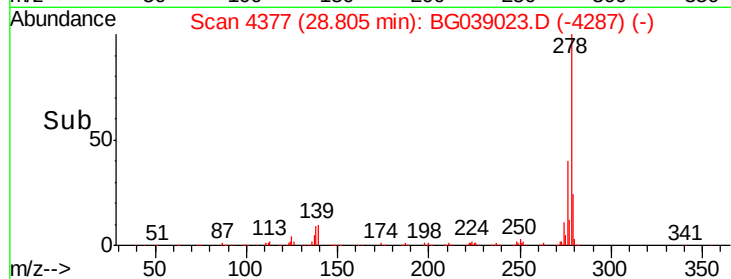
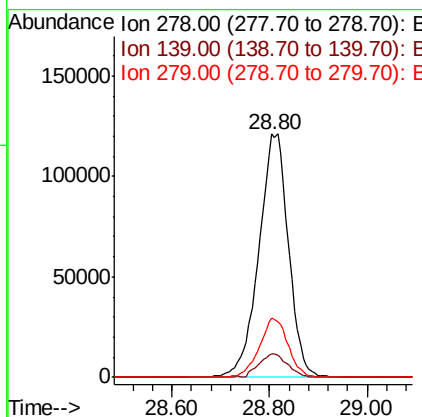
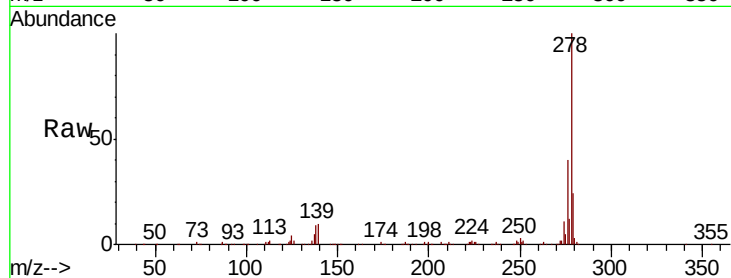
#91
Dibenzo(a,h)anthracene
Concen: 50.666 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Instrument :
BNA_G
ClientSampleId :
PB116250BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.8	7.9	11.9
279	24.2	19.3	28.9

Manual Integrations
APPROVED

Sohil
1/10/2019 3:15:23 PM



#92
Benzo(g,h,i)perylene
Concen: 50.575 ng
RT: 29.94 min Scan# 4570
Delta R.T. 0.00 min
Lab File: BG039023.D
Acq: 9 Jan 2019 16:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.3	30.5
138	13.4	9.4	14.2

