

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039154.D
 Acq On : 16 Jan 2019 13:07
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Manual Integrations
 APPROVED

Sohil
 1/17/2019 2:09:08 PM

Quant Time: Jan 16 14:09:40 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	8.01	152	20768	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	102427	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	68684	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187420	20.00	ng	0.00
76) Chrysene-d12	21.69	240	200965	20.00	ng	-0.01
87) Perylene-d12	24.96	264	221180	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	178551	163.09	ng	-0.01
7) Phenol-d6	7.18	99	266490	169.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	135560	72.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	174965	151.97	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	407162	81.13	ng	-0.01
79) Terphenyl-d14	20.02	244	917298	84.44	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.44	88	11834	27.603 ng	92
3) Pyridine	3.85	79	36318	31.176 ng	94
4) n-Nitrosodimethylamine	3.77	42	22959	43.797 ng	85
6) Aniline	7.34	93	74946	39.608 ng	96
8) 2-Chlorophenol	7.58	128	63458	49.172 ng	98
9) Benzaldehyde	7.16	77	16130	17.752 ng	94
10) Phenol	7.21	94	80881	51.203 ng	99
11) bis(2-Chloroethyl)ether	7.44	93	49330	40.860 ng	95
12) 1,3-Dichlorobenzene	7.90	146	55297	35.763 ng	97
13) 1,4-Dichlorobenzene	8.05	146	57175	36.511 ng	95
14) 1,2-Dichlorobenzene	8.37	146	57872	38.760 ng	96
15) Benzyl Alcohol	8.26	79	55623	46.879 ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94885	40.987 ng	98
17) 2-Methylphenol	8.46	107	52111	47.510 ng	98
18) Hexachloroethane	9.09	117	20325	38.204 ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	43980	42.508 ng	99
20) 3+4-Methylphenols	8.79	107	76883	49.164 ng	97
22) Acetophenone	8.85	105	90296	33.757 ng	# 97
24) Nitrobenzene	9.24	77	65060	34.387 ng	97
25) Isophorone	9.75	82	129328	40.110 ng	99
26) 2-Nitrophenol	9.95	139	39139	38.245 ng	95
27) 2,4-Dimethylphenol	10.00	122	69072	47.974 ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	75696	39.062 ng	99
29) 2,4-Dichlorophenol	10.49	162	86970	48.623 ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	78755	36.645 ng	98
31) Naphthalene	10.89	128	216704	42.184 ng	98
32) Benzoic acid	10.17	122	38826	44.664 ng	92
33) 4-Chloroaniline	11.01	127	49136	21.376 ng	95
34) Hexachlorobutadiene	11.14	225	54897	37.123 ng	94
35) Caprolactam	11.80	113	28527m	39.773 ng	
36) 4-Chloro-3-methylphenol	12.12	107	81984	42.854 ng	92
37) 2-Methylnaphthalene	12.49	142	160398	41.645 ng	97
38) 1-Methylnaphthalene	12.71	142	166097	44.929 ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	103798	40.240 ng	99

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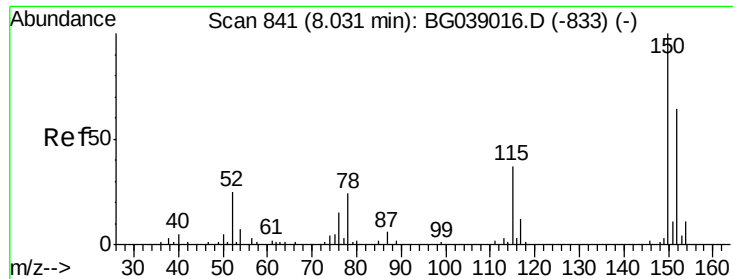
Manual Integrations
 APPROVED

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 1/17/2019 2:09:08 PM

Quant Time: Jan 16 14:09:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	118748	81.614	nq	98
43) 2,4,6-Trichlorophenol	13.10	196	73020	44.978	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	79443	46.299	nq	95
46) 1,1'-Biphenyl	13.49	154	208556	38.321	nq	99
47) 2-Chloronaphthalene	13.54	162	166838	37.882	nq	99
48) 2-Nitroaniline	13.76	65	52711	42.722	nq	92
49) Acenaphthylene	14.39	152	279582	42.235	nq	99
50) Dimethylphthalate	14.12	163	245615	42.317	nq	100
51) 2,6-Dinitrotoluene	14.25	165	55110	42.469	nq	96
52) Acenaphthene	14.73	154	154613	38.875	nq	93
53) 3-Nitroaniline	14.59	138	38374	29.151	nq	93
54) 2,4-Dinitrophenol	14.79	184	75325	95.939	nq	93
55) Dibenzofuran	15.06	168	282810	40.262	nq	99
56) 4-Nitrophenol	14.90	139	84111	88.802	nq	98
57) 2,4-Dinitrotoluene	15.03	165	76883	41.297	nq	# 96
58) Fluorene	15.71	166	223426	42.257	nq	94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	78809	48.656	nq	99
60) Diethylphthalate	15.47	149	243816	40.772	nq	99
61) 4-Chlorophenyl-phenylether	15.69	204	128061	38.445	nq	99
62) 4-Nitroaniline	15.75	138	52283	38.126	nq	89
63) Azobenzene	15.99	77	181409	38.792	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	52444	37.770	nq	94
66) n-Nitrosodiphenylamine	15.91	169	209779	37.757	nq	97
67) 4-Bromophenyl-phenylether	16.59	248	91683	38.055	nq	95
68) Hexachlorobenzene	16.71	284	98104	37.318	nq	97
69) Atrazine	16.86	200	85460	36.207	nq	97
70) Pentachlorophenol	17.06	266	111976	69.742	nq	94
71) Phenanthrene	17.45	178	398541	40.231	nq	99
72) Anthracene	17.54	178	407994	41.654	nq	99
73) Carbazole	17.82	167	354091	36.620	nq	98
74) Di-n-butylphthalate	18.35	149	404262	37.582	nq	99
75) Fluoranthene	19.46	202	547933	44.617	nq	100
77) Benzidine	19.65	184	246118	40.040	nq	99
78) Pyrene	19.83	202	627333	48.983	nq	99
80) Butylbenzylphthalate	20.69	149	196987	40.440	nq	98
81) Benzo(a)anthracene	21.67	228	497517	40.668	nq	99
82) 3,3'-Dichlorobenzidine	21.58	252	123184	24.713	nq	98
83) Chrysene	21.74	228	470472	40.435	nq	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	260974	38.585	nq	97
85) Di-n-octyl phthalate	22.75	149	482288	42.171	nq	99
86) Indeno(1,2,3-cd)pyrene	28.71	276	588179	42.306	nq	99
88) Benzo(b)fluoranthene	23.92	252	588596	48.262	nq	100
89) Benzo(k)fluoranthene	23.98	252	536496	44.492	nq	98
90) Benzo(a)pyrene	24.80	252	515012	43.689	nq	99
91) Dibenzo(a,h)anthracene	28.76	278	491671	41.932	nq	98
92) Benzo(g,h,i)perylene	29.89	276	481286	41.462	nq	99

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



#1

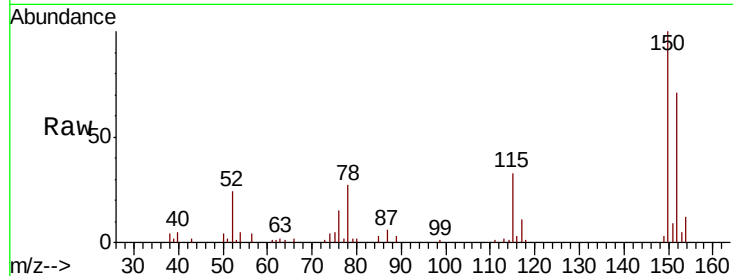
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	124.7	187.1
115	46.9	46.5	69.7

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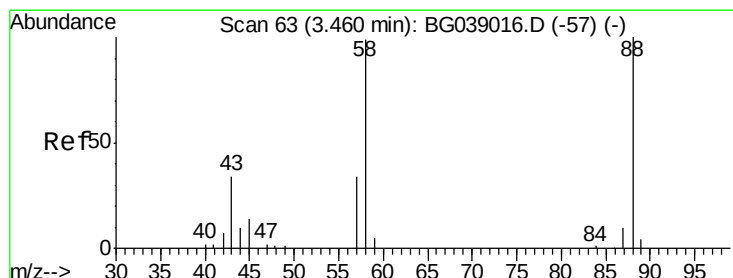
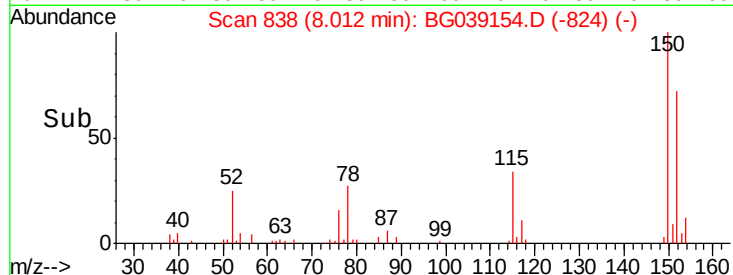
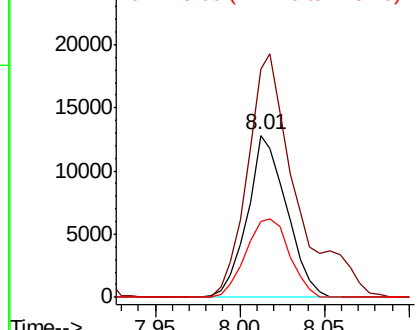


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

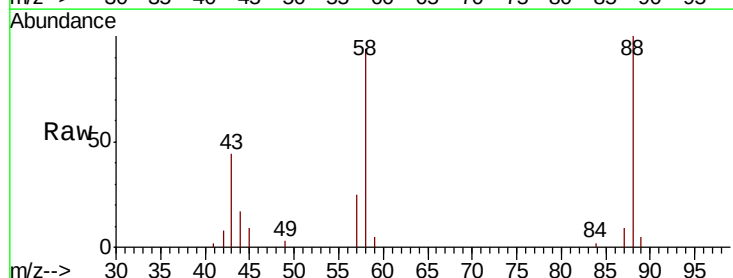
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.603 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.4	72.4	108.6
43	39.5	27.6	41.4

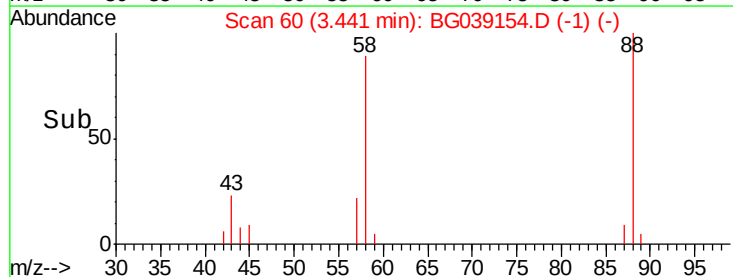
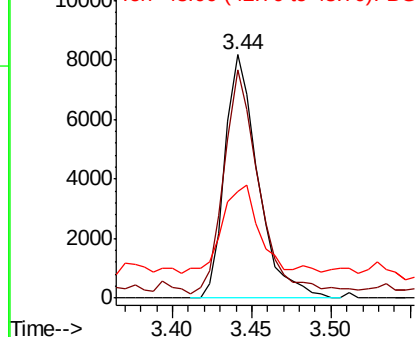


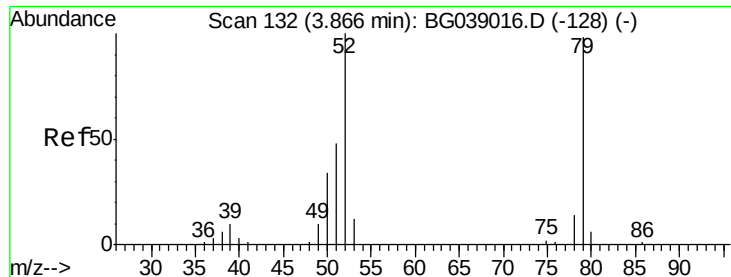
Abundance

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: 31.176 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

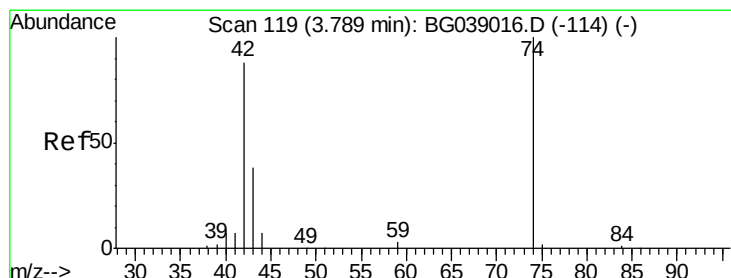
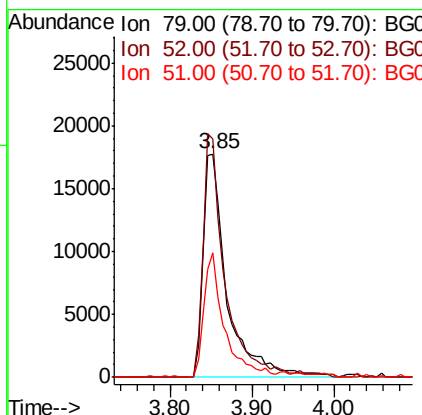
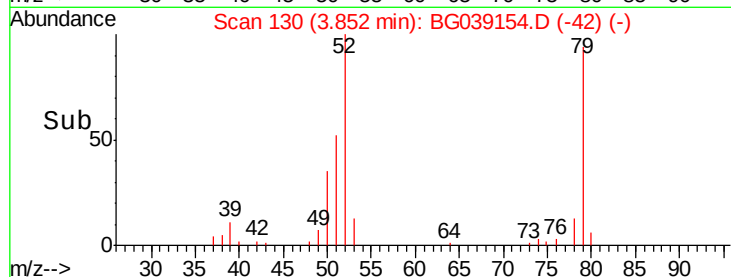
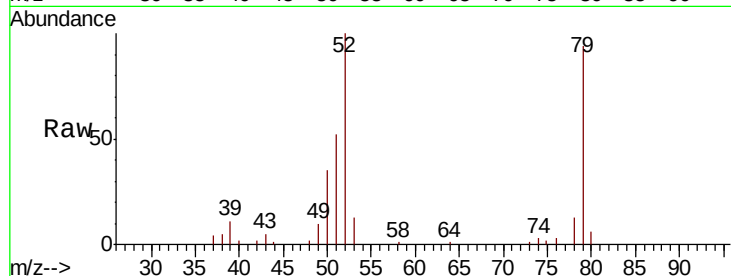
ClientSampled :

PB116382BS

Tot Ion:	79	Resp:	36318
Ion	Ratio	Lower	Upper
79	100		
52	106.7	81.5	122.3
51	55.6	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 43.797 ng

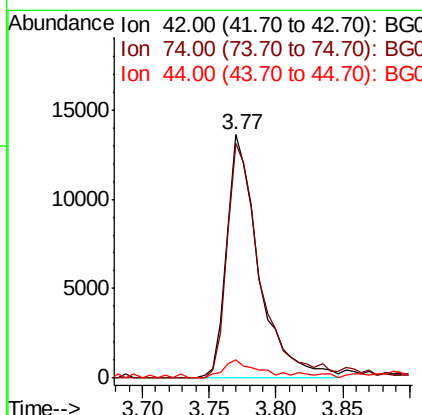
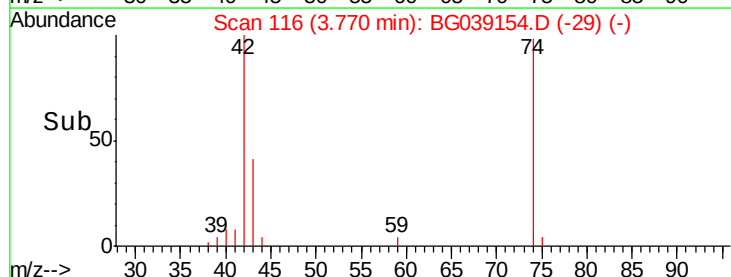
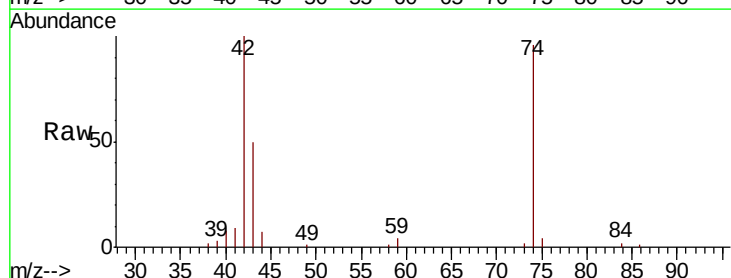
RT: 3.77 min Scan# 116

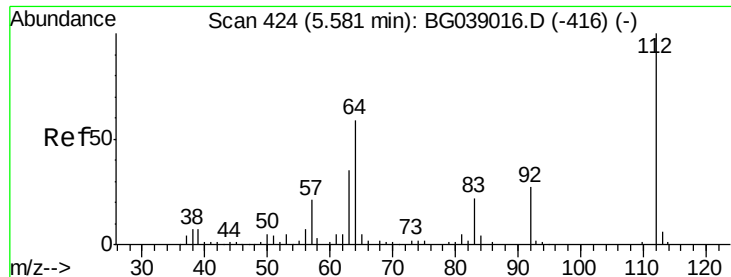
Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	42	Resp:	22959
Ion	Ratio	Lower	Upper
42	100		
74	96.5	90.7	136.1
44	7.3	6.5	9.7





#5

2-Fluorophenol

Concen: 163.091 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

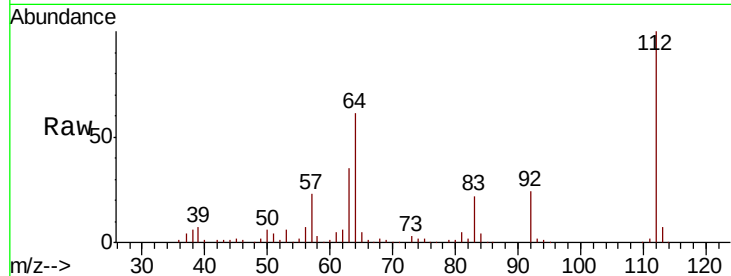
ClientSampleId :

PB116382BS

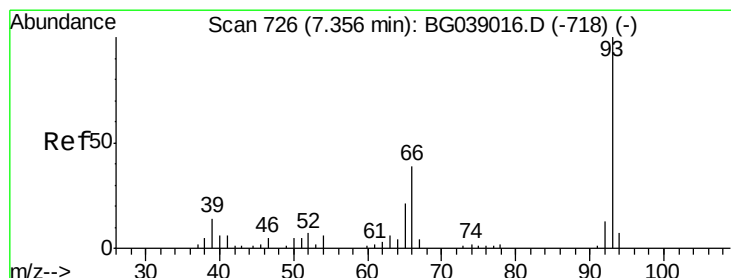
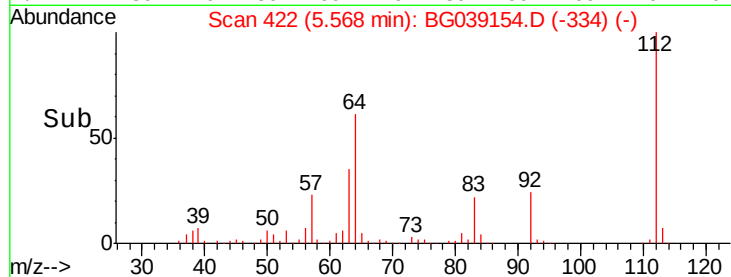
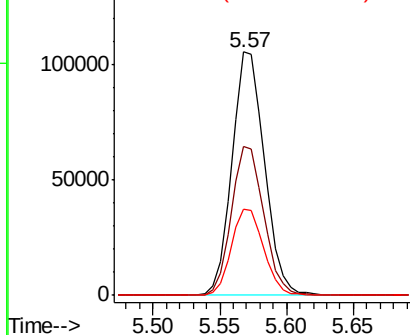
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		178551		
64	61.3		47.0	70.6	
63	35.4		28.0	42.0	

Manual Integrations
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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: 39.608 ng

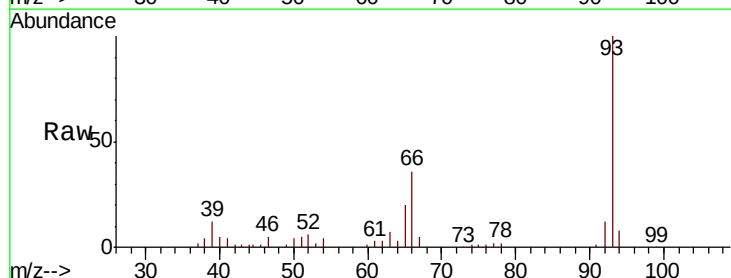
RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

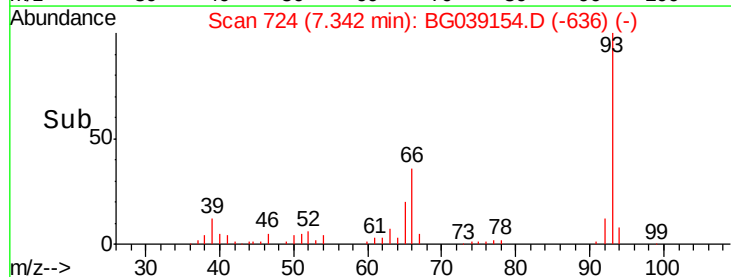
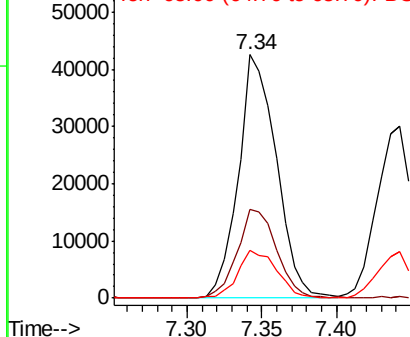
Lab File: BG039154.D

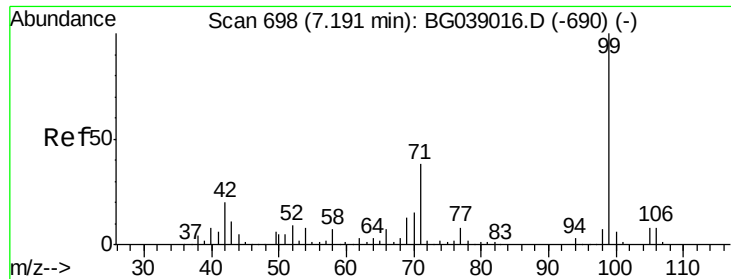
Acq: 16 Jan 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		74946		
66	36.2		30.9	46.3	
65	19.9		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: 169.141 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

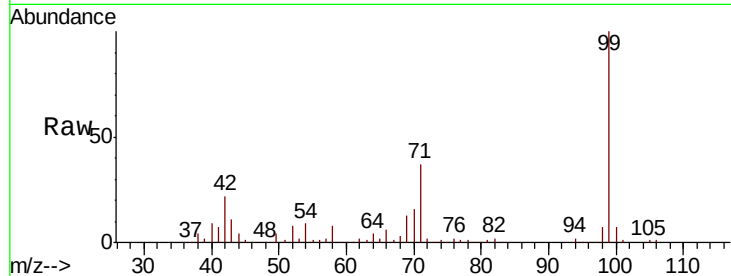
ClientSampleId :

PB116382BS

Tot Ion:	99	Resp:	266490
Ion Ratio	Lower	Upper	
99	100		
42	21.5	15.8	23.6
71	37.2	30.2	45.4

Manual Integrations
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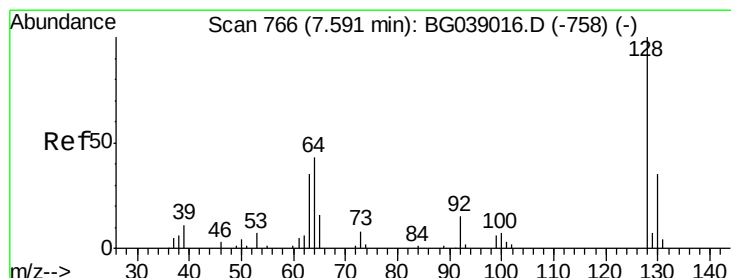
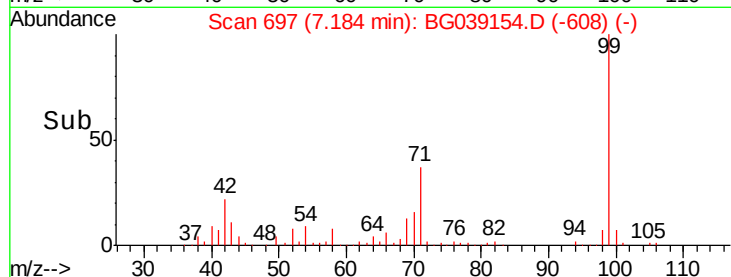
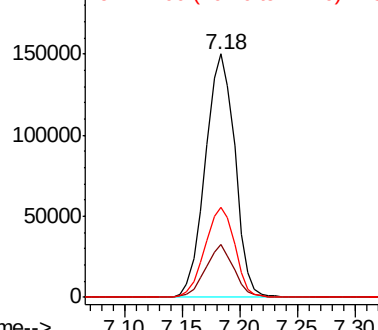


Abundance

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: 49.172 ng

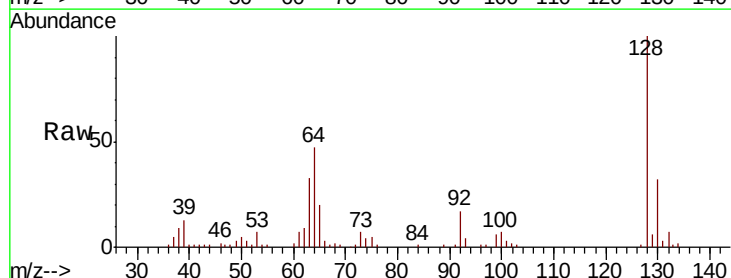
RT: 7.58 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	128	Resp:	63458
Ion Ratio	Lower	Upper	
128	100		
130	31.7	14.5	54.5
64	46.9	27.3	67.3

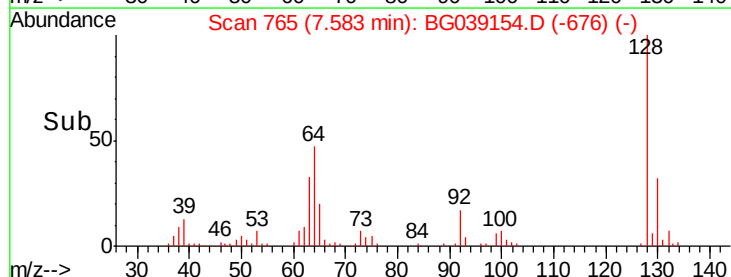
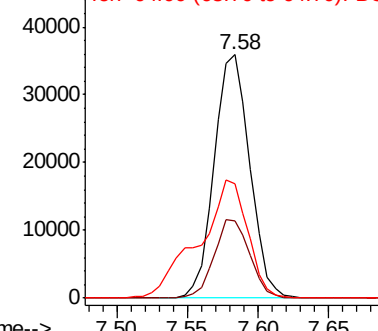


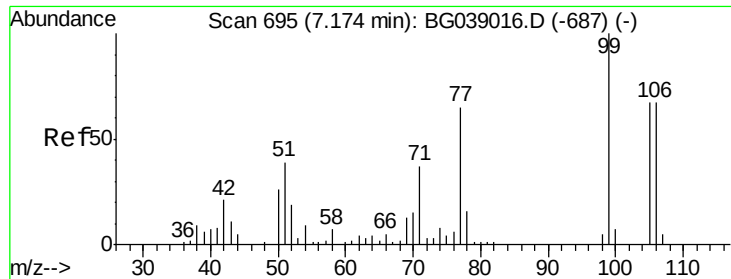
Abundance

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





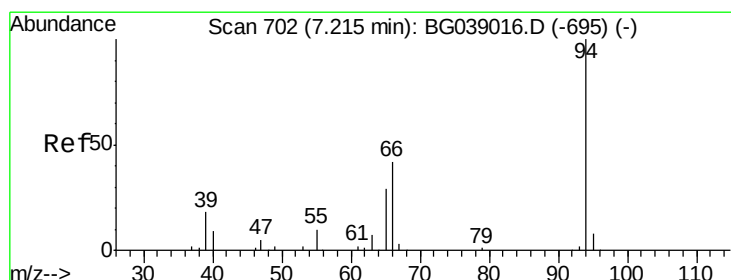
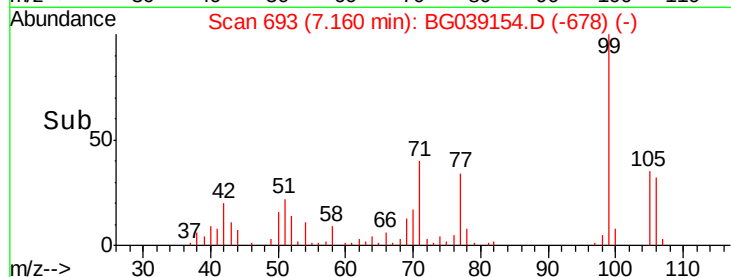
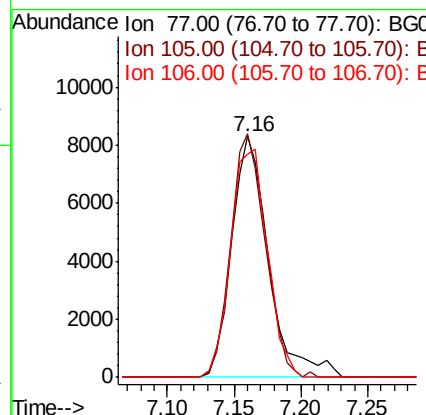
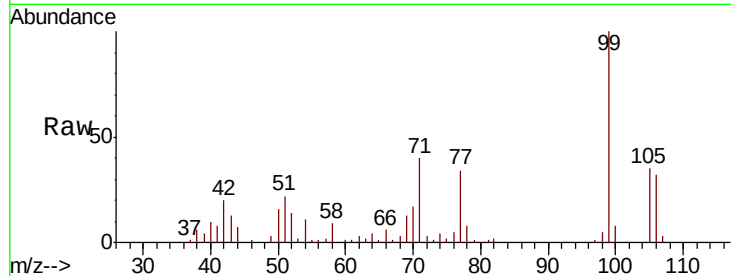
#9
Benzaldehyde
Concen: 17.752 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.2	82.4	122.4
106	92.7	82.8	122.8

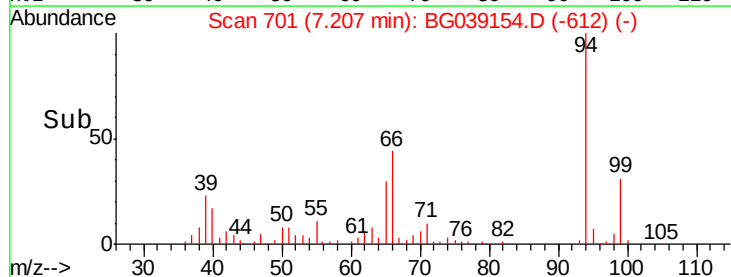
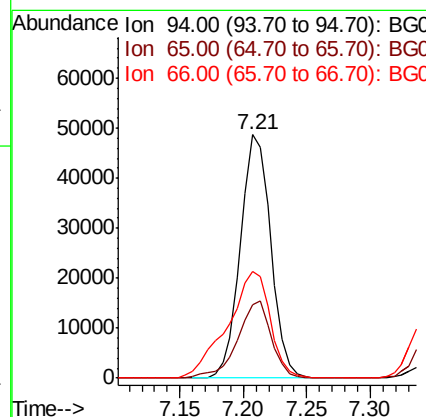
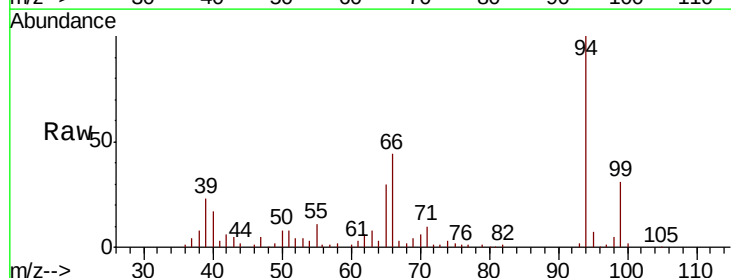
Manual Integrations
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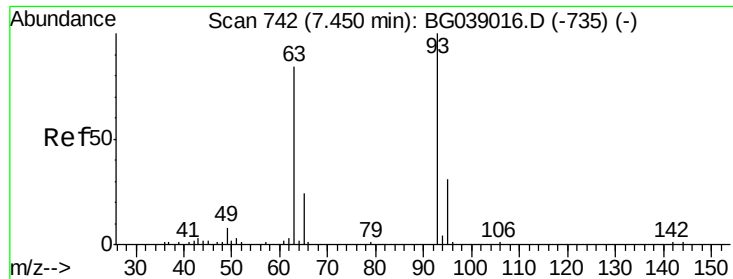
Sohil
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#10
Phenol
Concen: 51.203 ng
RT: 7.21 min Scan# 701
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	10.3	50.3
66	44.0	25.1	65.1





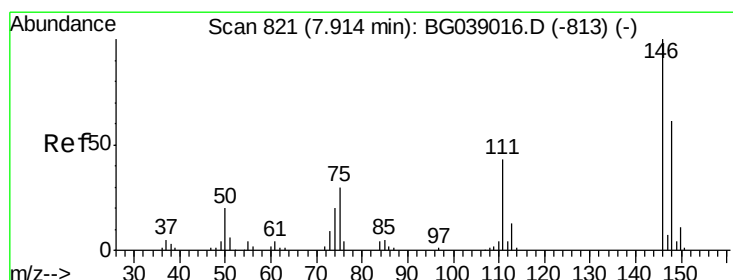
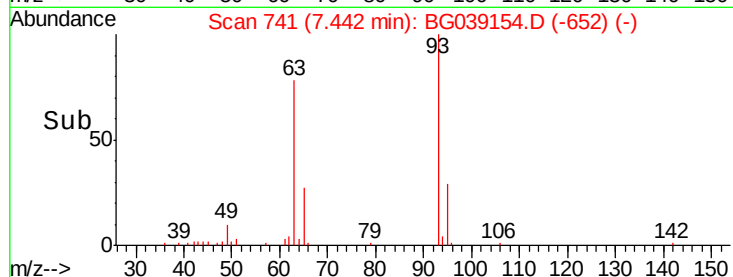
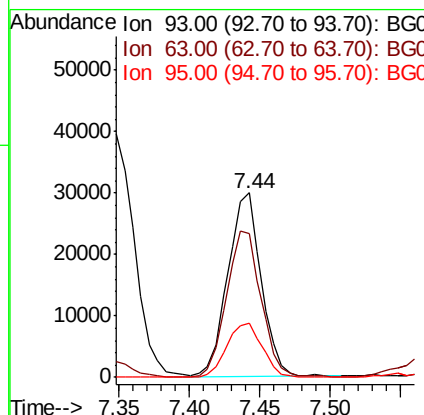
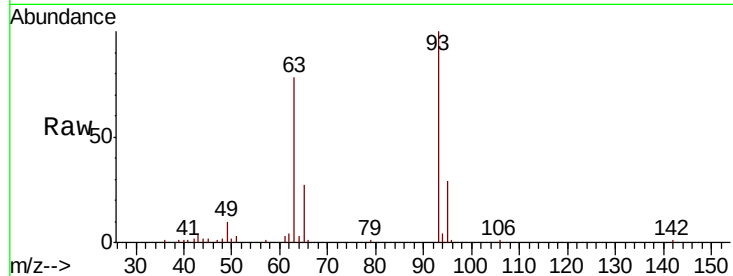
#11
bis(2-Chloroethyl)ether
Concen: 40.860 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.2	63.2	103.2
95	29.4	11.2	51.2

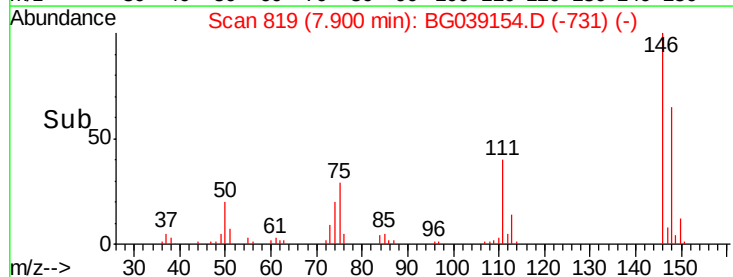
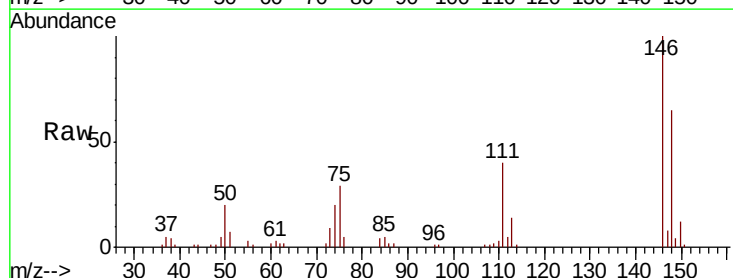
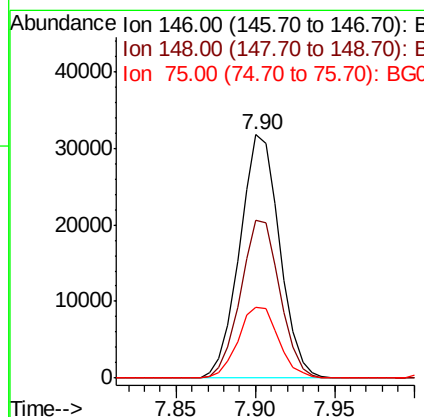
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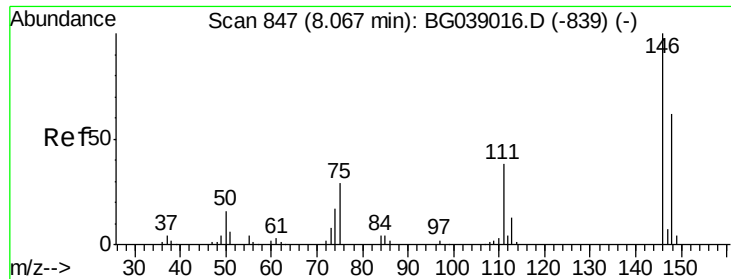
Sohil
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#12
1,3-Dichlorobenzene
Concen: 35.763 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.1	73.7
75	29.3	23.9	35.9





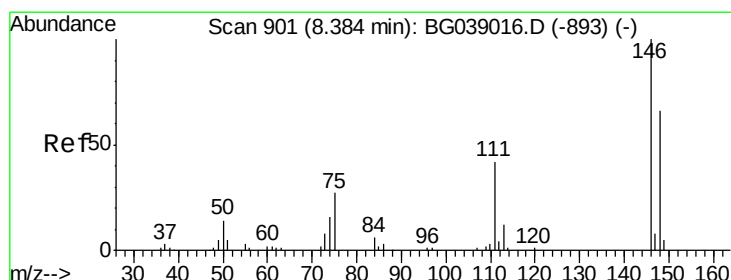
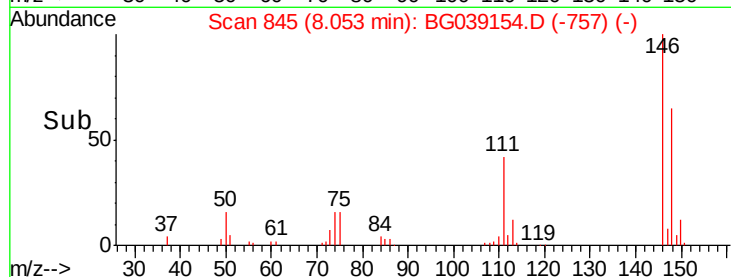
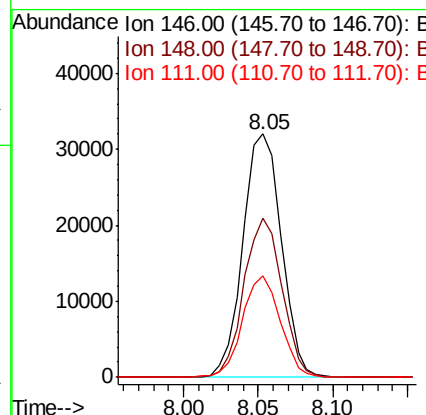
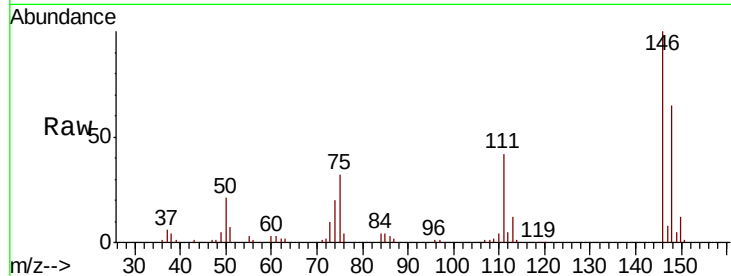
#13
1,4-Dichlorobenzene
Concen: 36.511 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.8	74.6
111	41.9	30.6	45.8

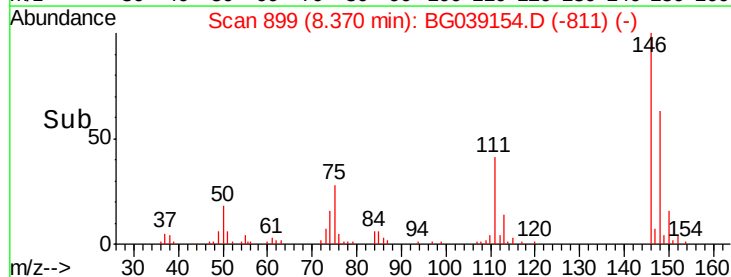
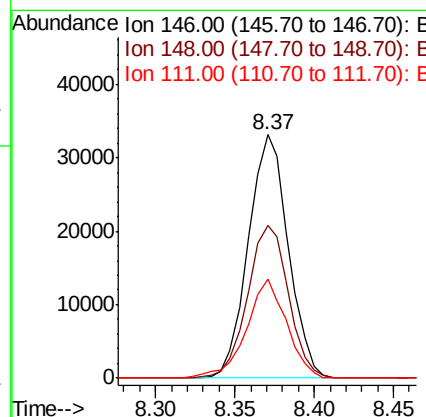
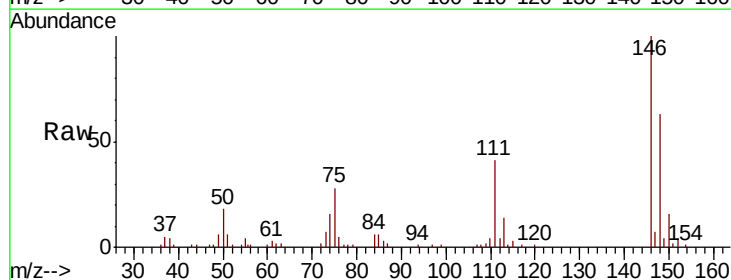
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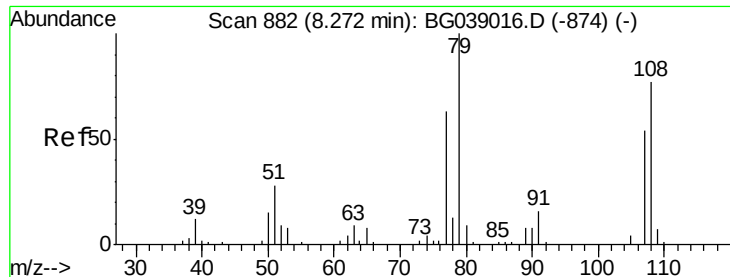
Sohil
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#14
1,2-Dichlorobenzene
Concen: 38.760 ng
RT: 8.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.6	79.0
111	40.8	34.6	51.8





#15

Benzyl Alcohol

Concen: 46.879 ng

RT: 8.26 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

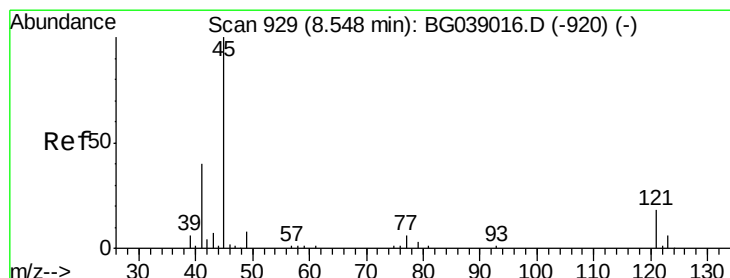
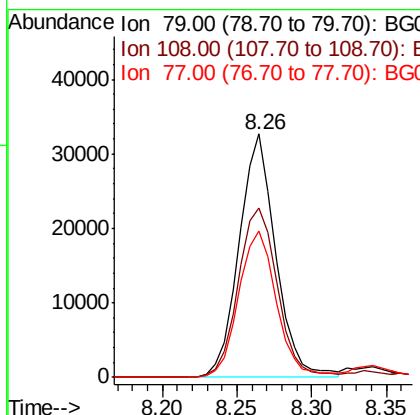
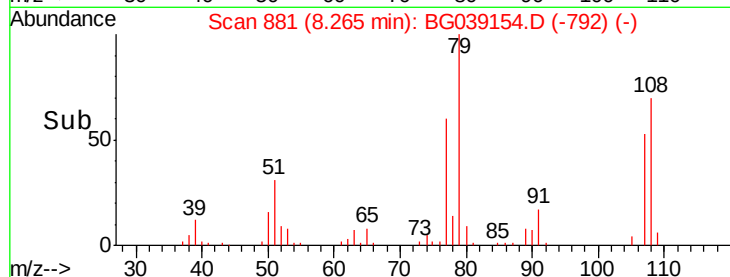
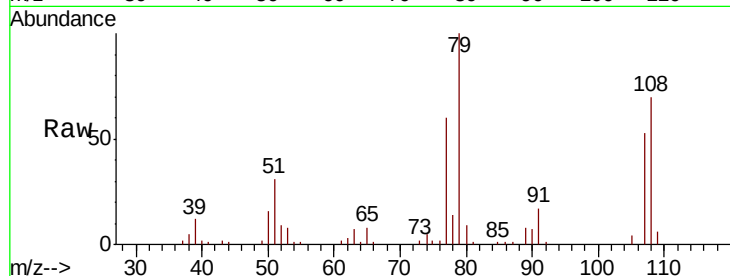
ClientSampled :

PB116382BS

Tot Ion:	79	Resp:	55623
Ion Ratio	Lower	Upper	
79	100		
108	69.7	62.0	93.0
77	60.3	50.1	75.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.987 ng

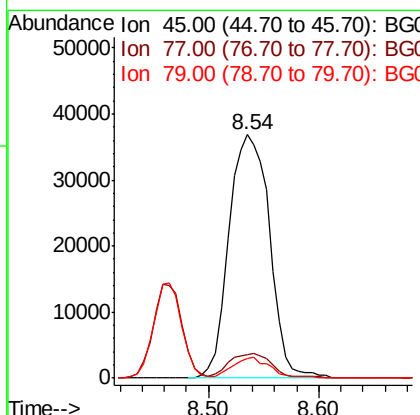
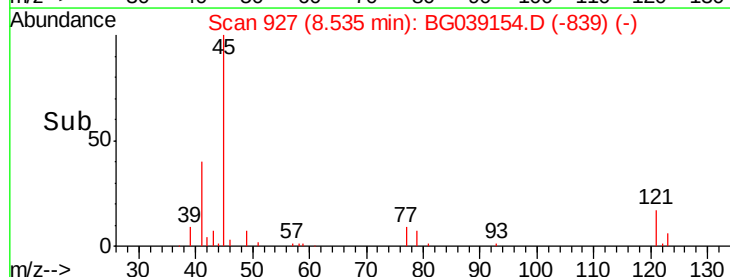
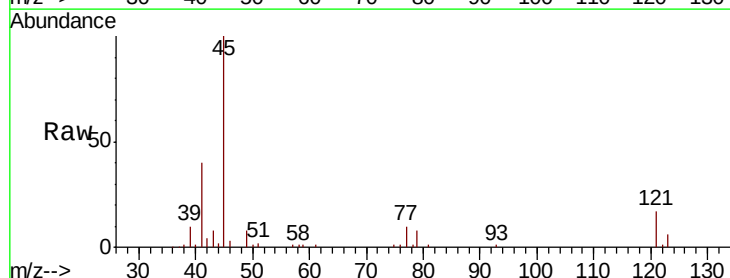
RT: 8.54 min Scan# 927

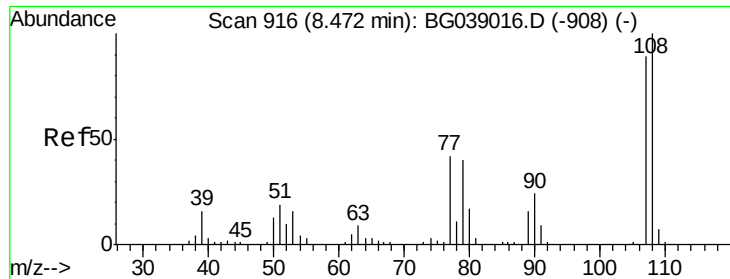
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	45	Resp:	94885
Ion Ratio	Lower	Upper	
45	100		
77	9.5	0.0	30.7
79	8.0	0.0	28.5





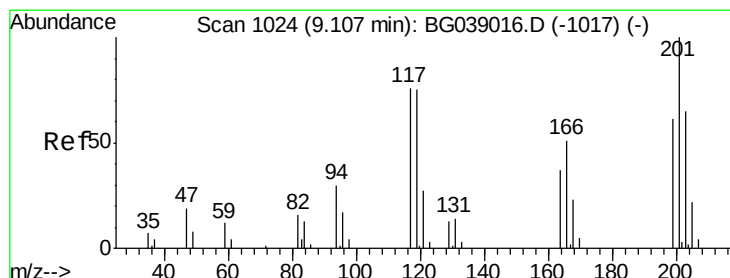
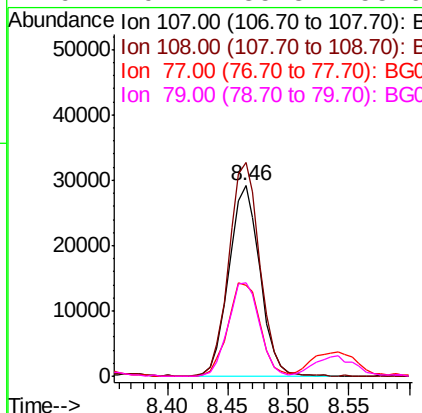
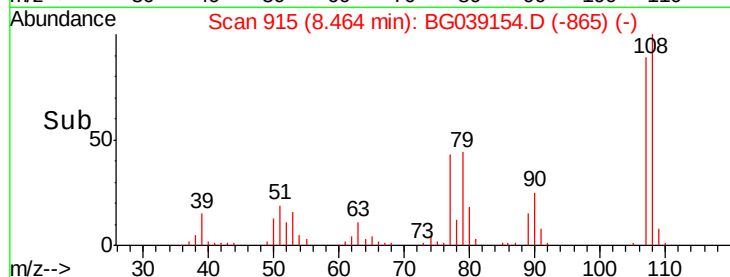
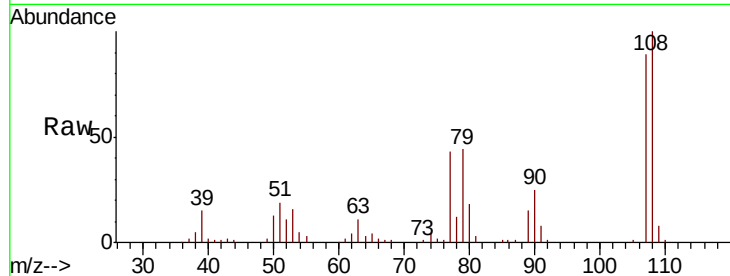
#17
2-Methylphenol
Concen: 47.510 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	48.0	38.3	57.5
79	49.4	35.8	53.6

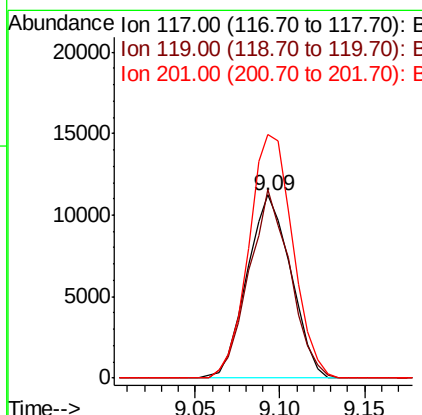
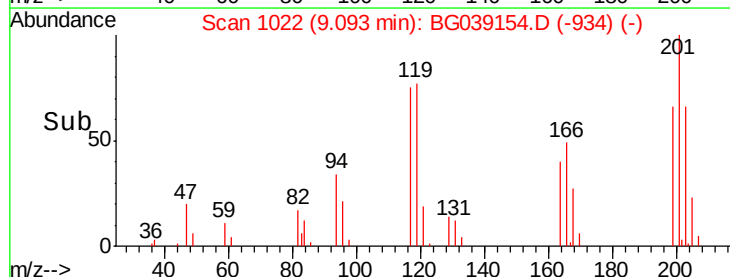
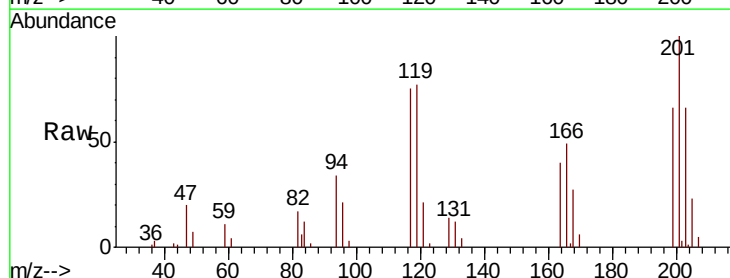
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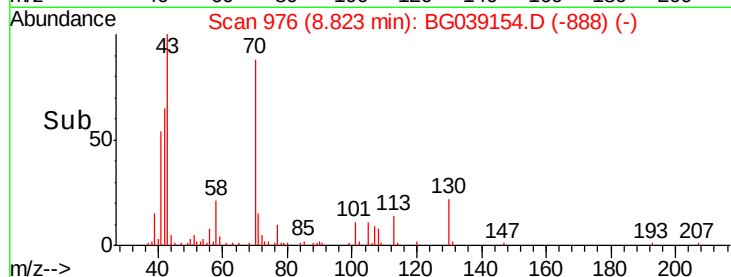
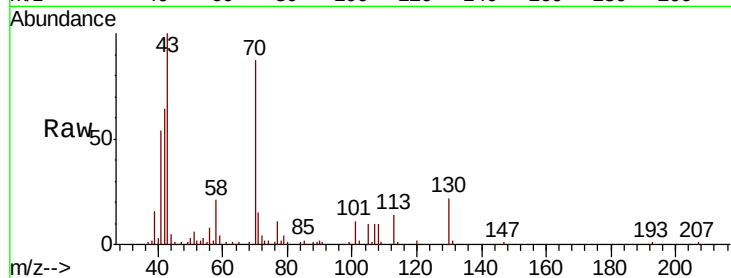
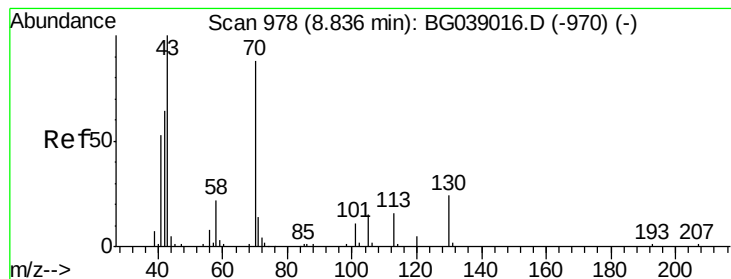
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#18
Hexachloroethane
Concen: 38.204 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	78.7	118.1
201	132.7	108.1	162.1





#19

n-Nitroso-di-n-propylamine

Concen: 42.508 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

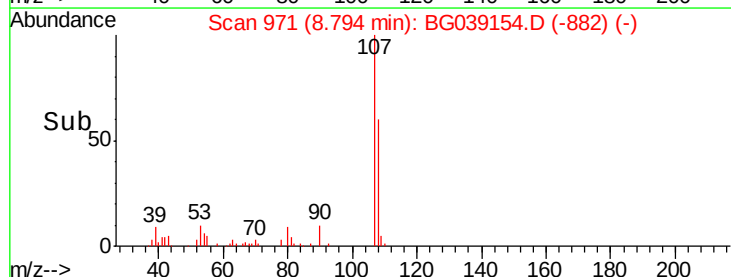
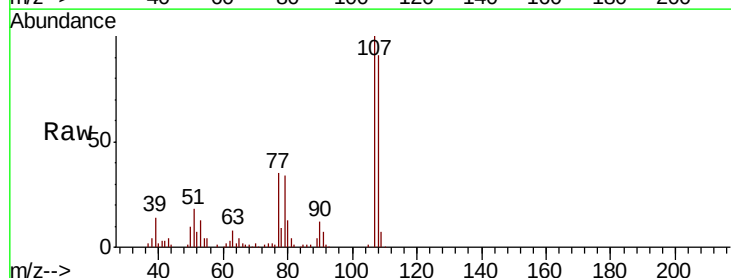
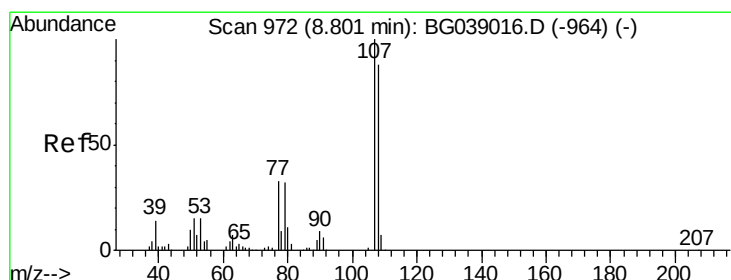
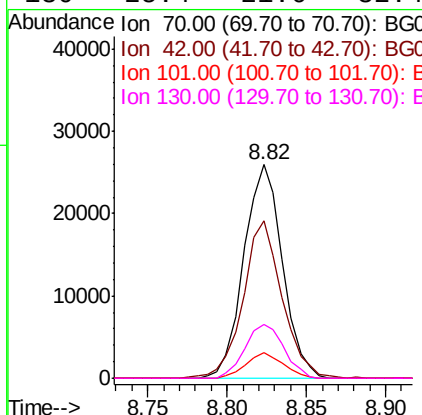
ClientSampleId :

PB116382BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	73.7	59.0	88.4
101	12.2	10.4	15.6
130	25.4	21.6	32.4

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#20

3+4-Methylphenols

Concen: 49.164 ng

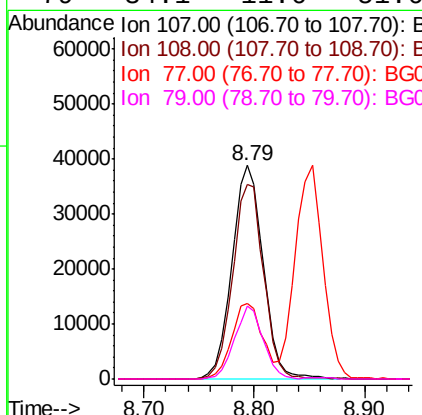
RT: 8.79 min Scan# 971

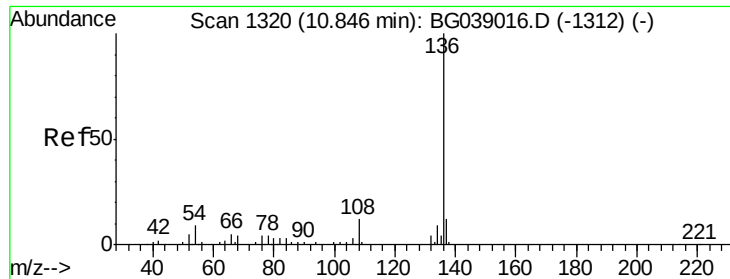
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	68.4	108.4
77	35.1	13.3	53.3
79	34.1	11.6	51.6





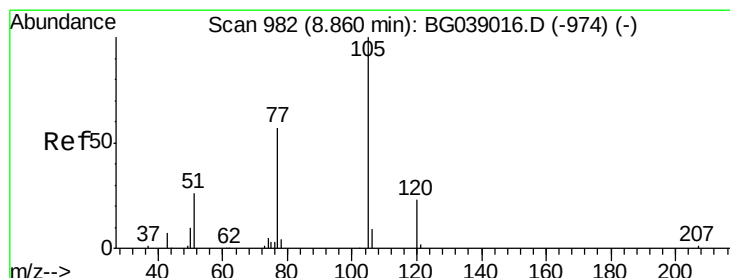
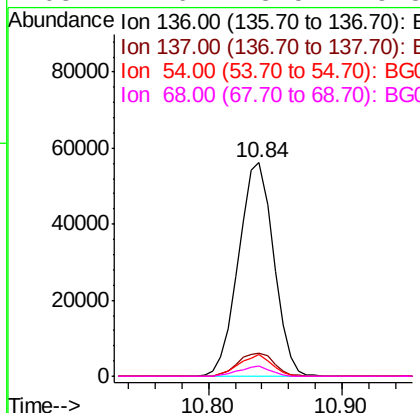
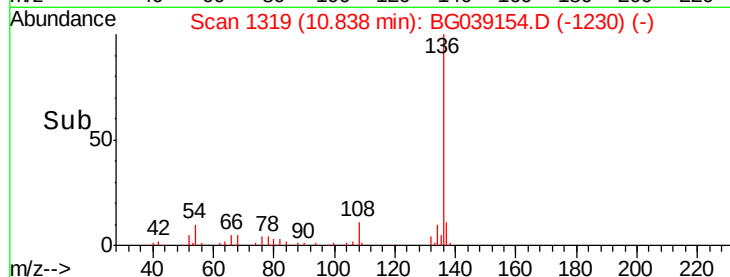
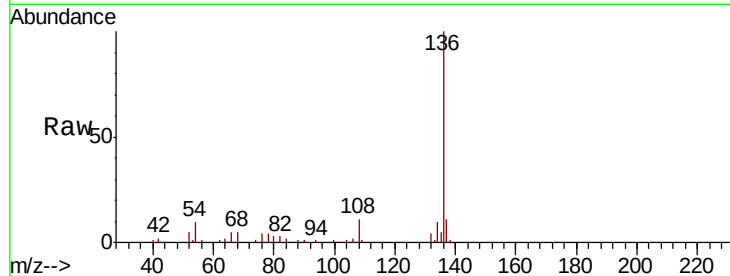
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	102427		
137	10.9		9.4	14.2
54	10.5		7.2	10.8
68	4.6		3.5	5.3

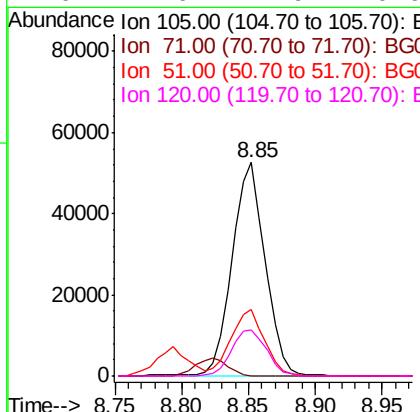
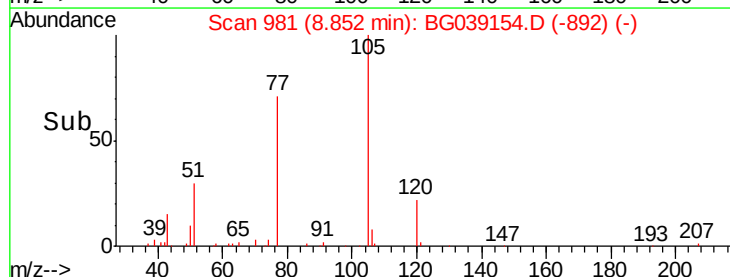
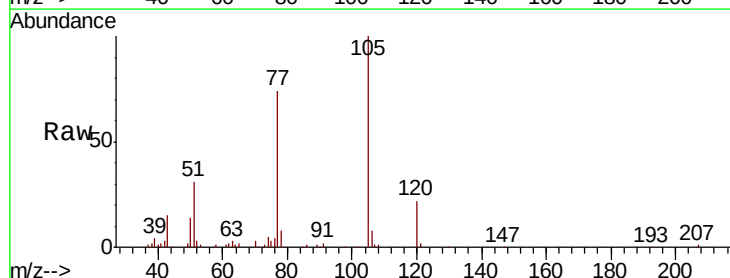
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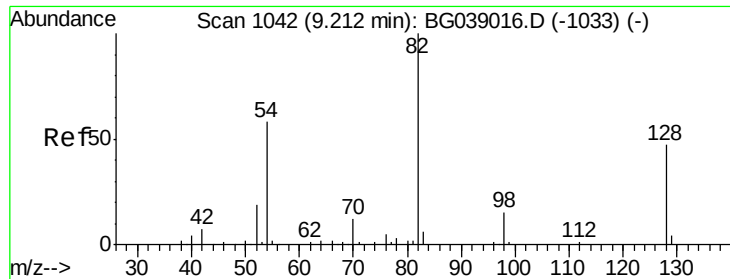
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#22
Acetophenone
Concen: 33.757 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	90296		
71	0.3		0.6	1.0#
51	31.3		26.6	39.8
120	21.6		17.9	26.9





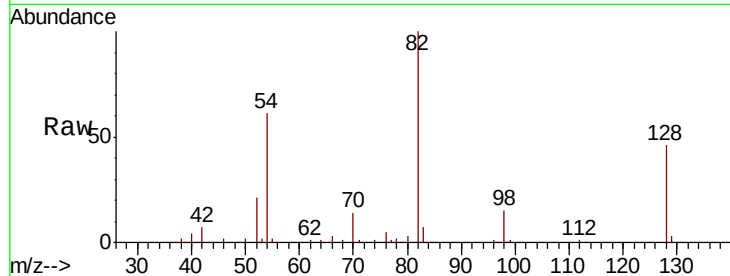
#23
 Nitrobenzene-d5
 Concen: 72.420 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleID :
 PB116382BS

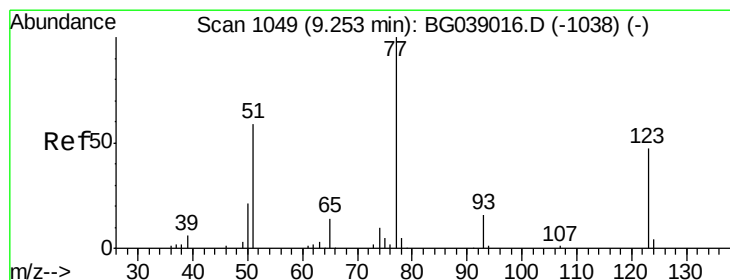
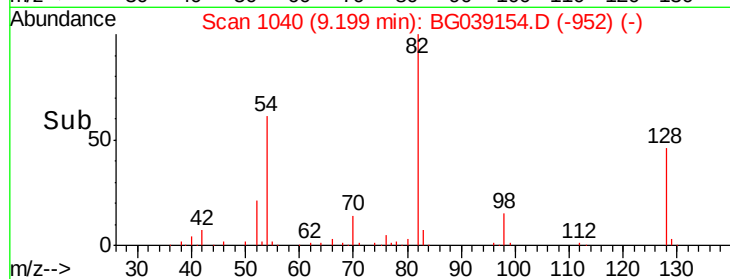
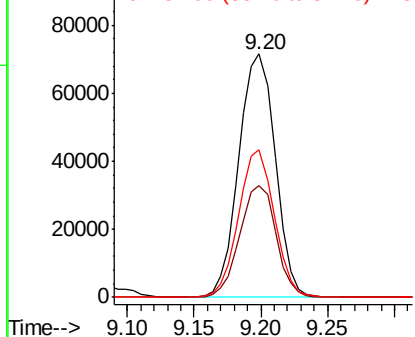
Tot Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.3	55.9
54	60.8	46.4	69.6

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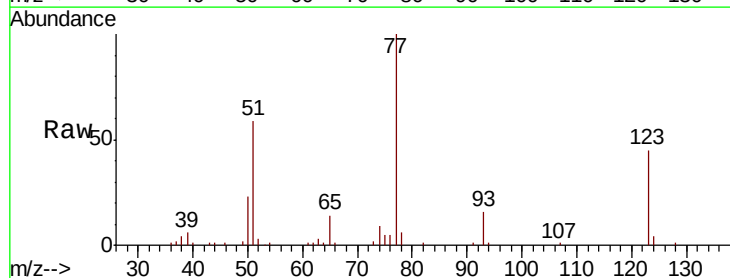


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

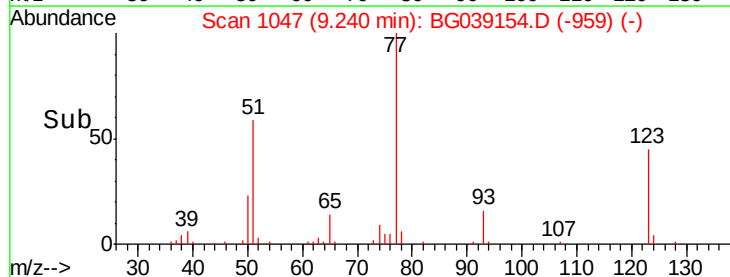
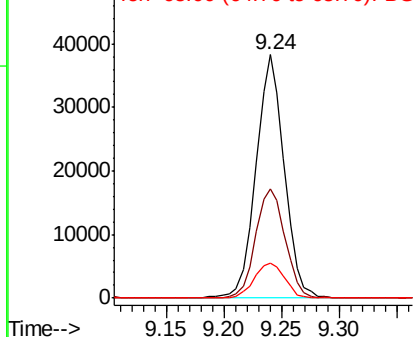


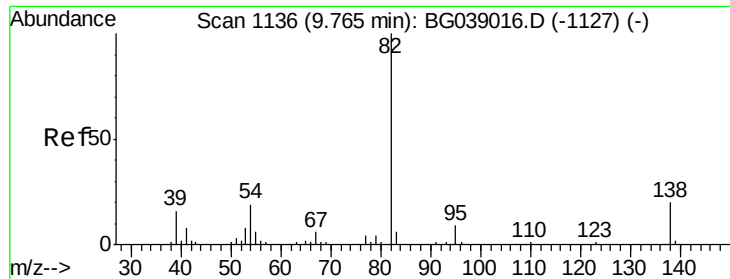
#24
 Nitrobenzene
 Concen: 34.387 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.8	37.6	56.4
65	14.4	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.110 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

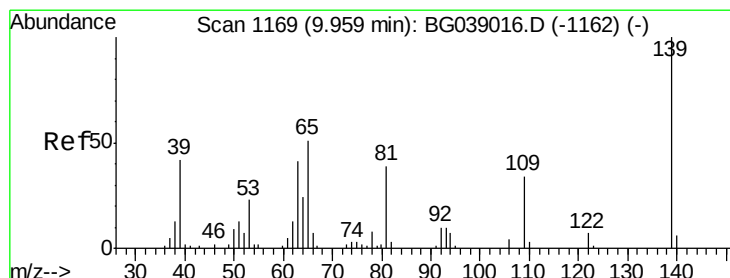
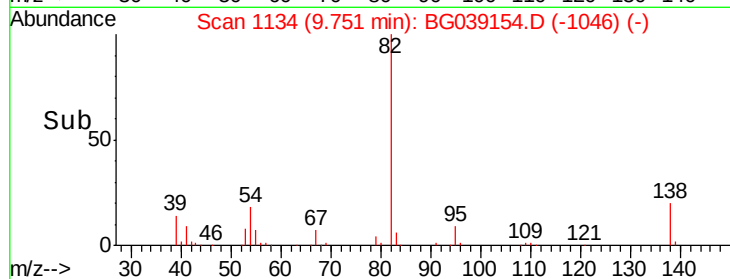
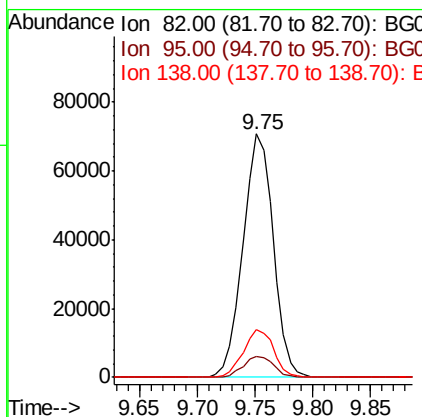
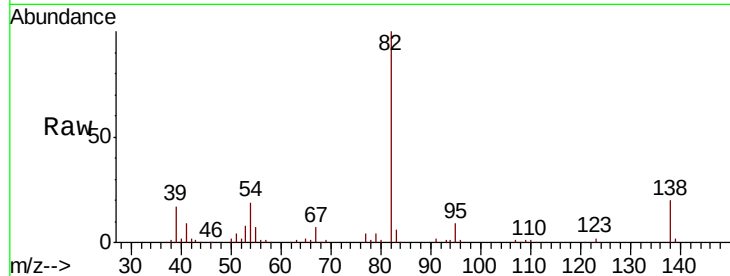
ClientSampleId :

PB116382BS

Tot Ion:	82	Resp:	129328
Ion Ratio	Lower	Upper	
82	100		
95	8.8	7.0	10.6
138	19.8	16.2	24.4

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#26

2-Nitrophenol

Concen: 38.245 ng

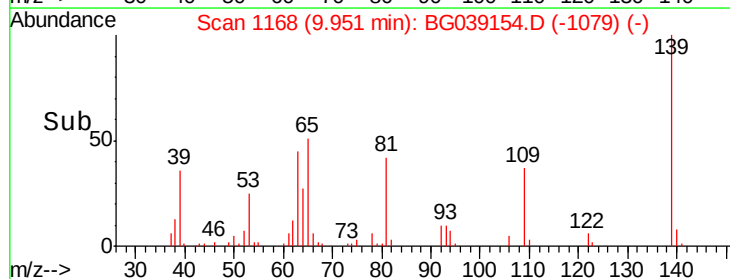
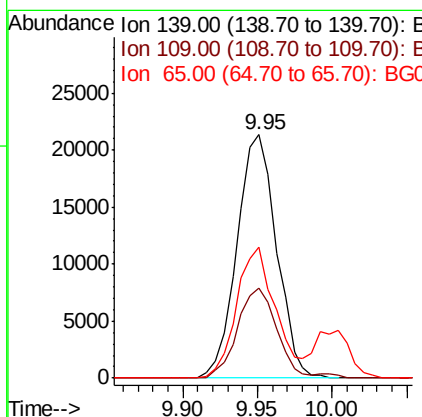
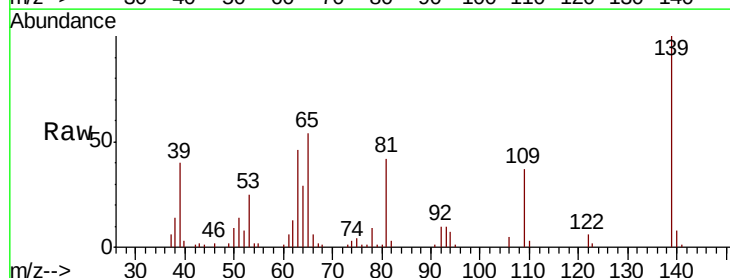
RT: 9.95 min Scan# 1168

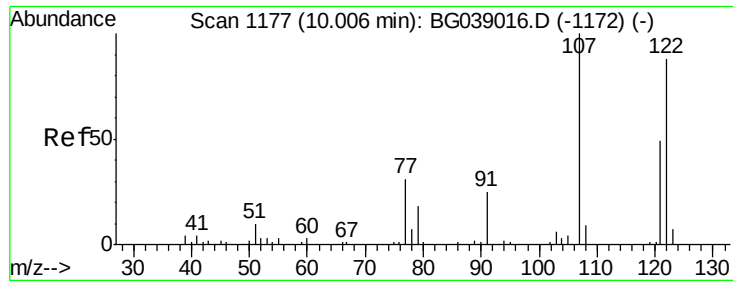
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	139	Resp:	39139
Ion Ratio	Lower	Upper	
139	100		
109	37.1	27.3	40.9
65	54.0	40.6	61.0





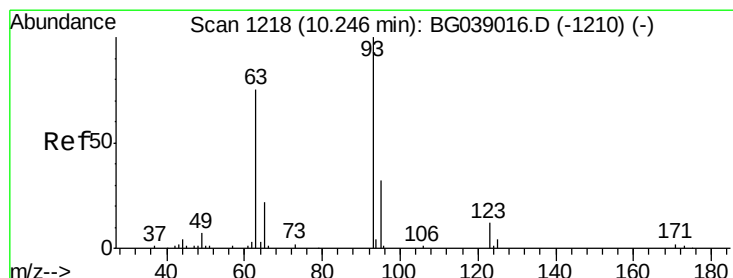
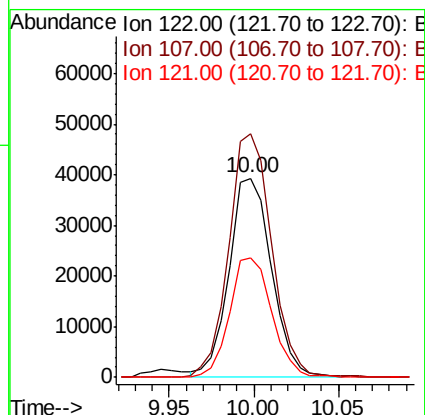
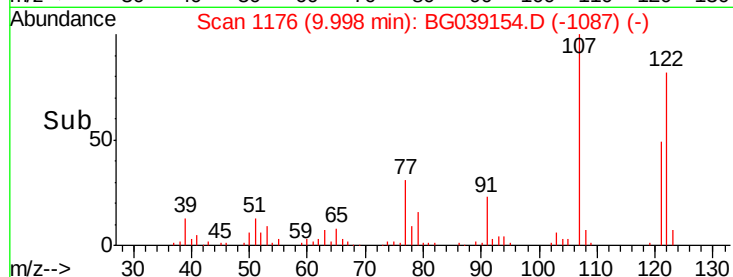
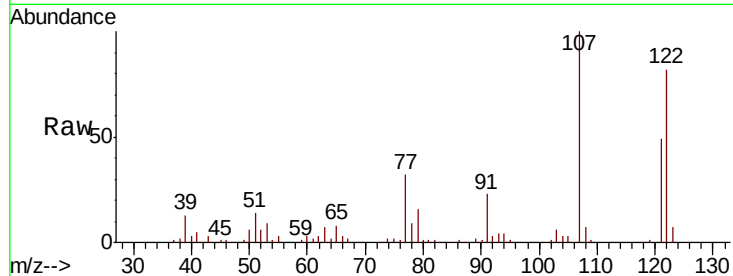
#27
 2,4-Dimethylphenol
 Concen: 47.974 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.3	88.8	133.2
121	59.9	43.1	64.7

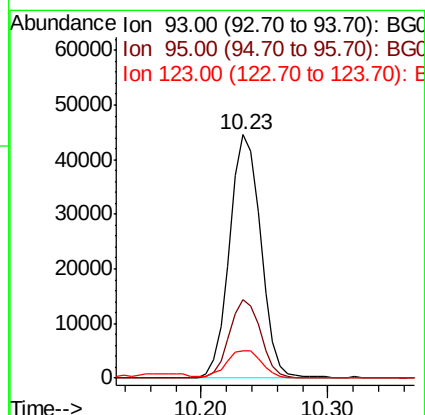
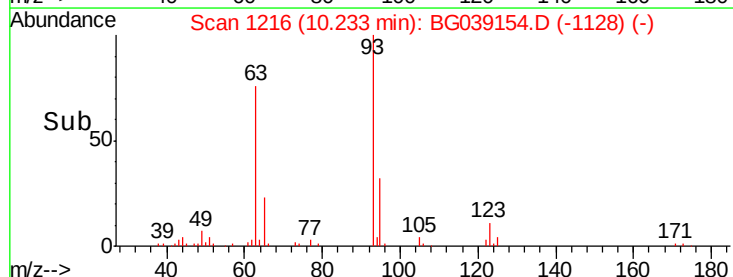
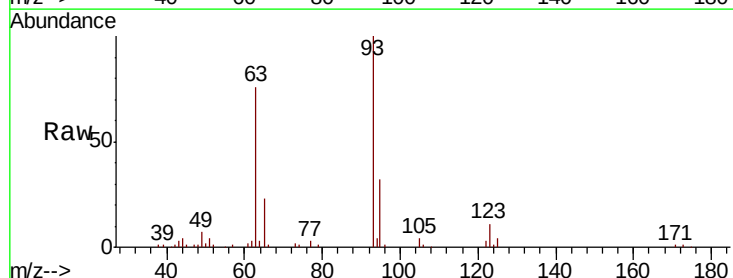
Manual Integrations
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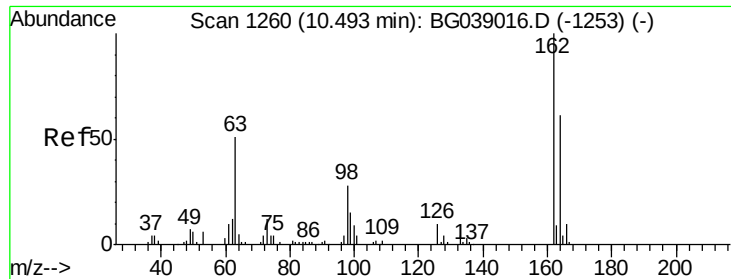
Sohil
 1/17/2019 2:09:08 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.062 ng
 RT: 10.23 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.6	38.4
123	11.4	10.1	15.1





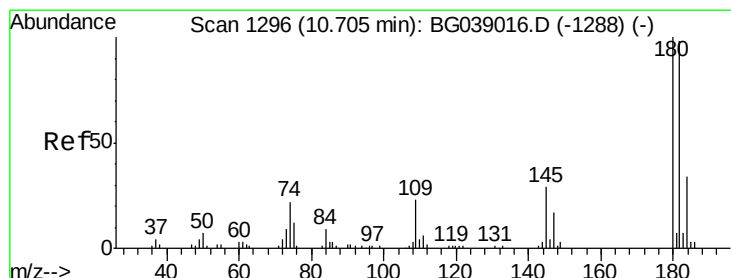
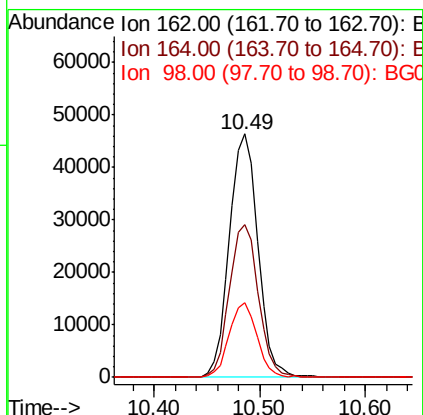
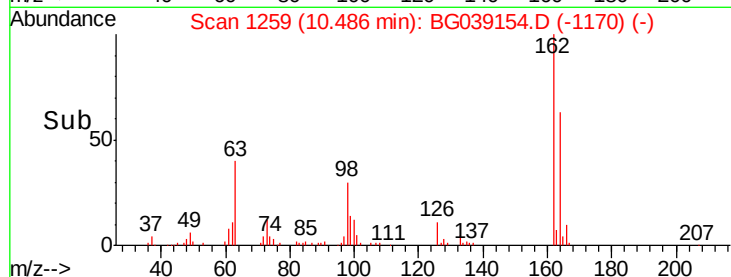
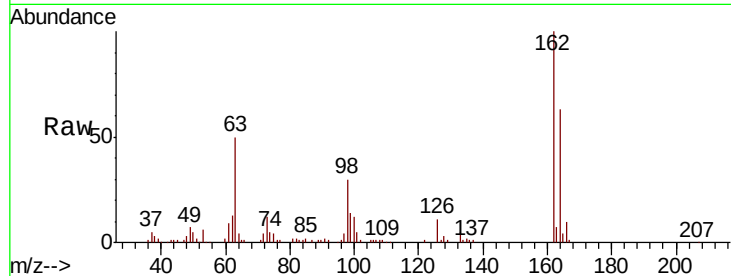
#29
2,4-Dichlorophenol
Concen: 48.623 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	41.3	81.3
98	30.4	8.3	48.3

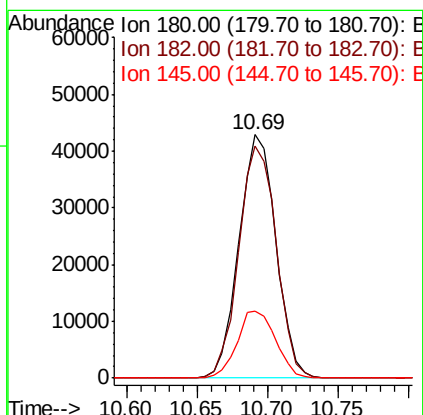
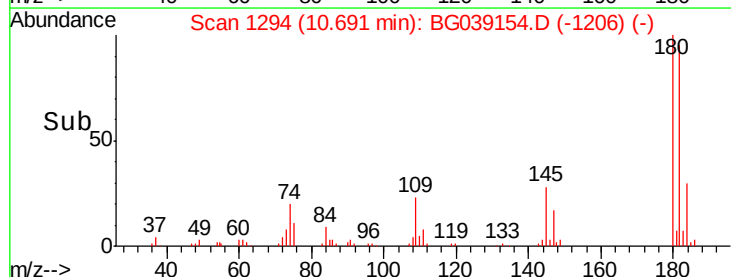
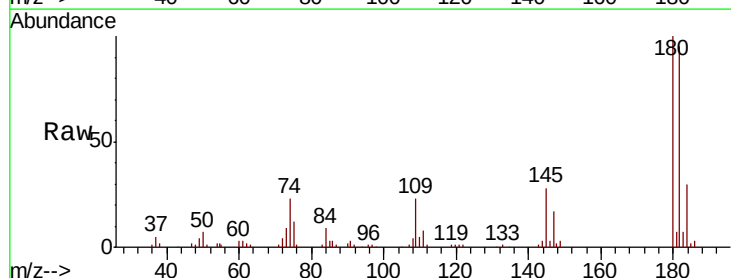
Manual Integrations
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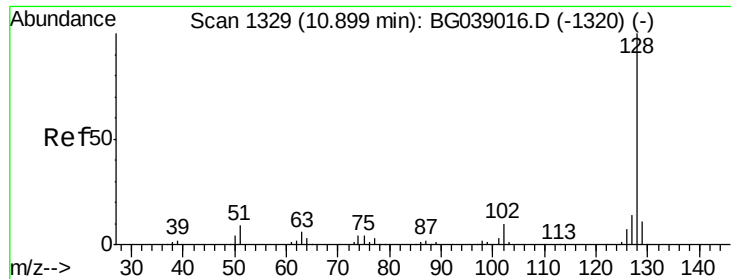
Sohil
1/17/2019 2:09:08 PM



#30
1,2,4-Trichlorobenzene
Concen: 36.645 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.1	117.1
145	27.8	23.1	34.7





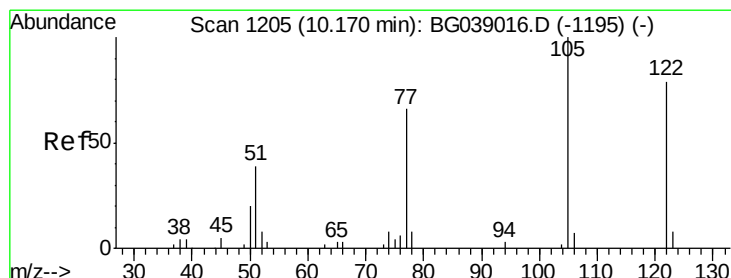
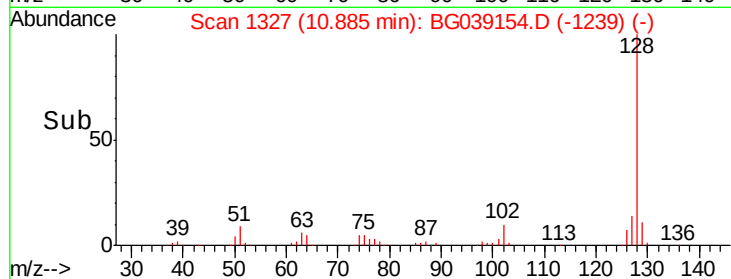
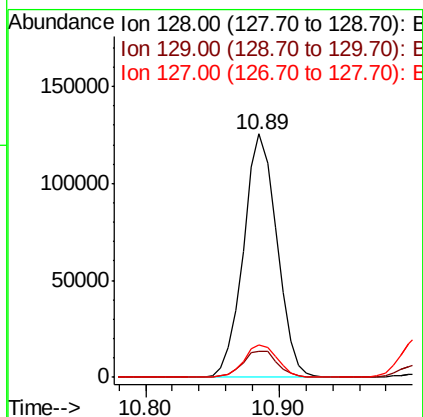
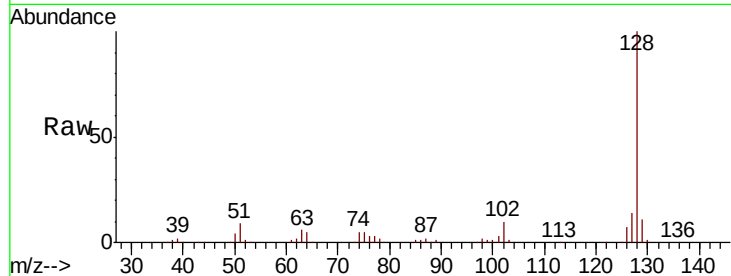
#31
Naphthalene
Concen: 42.184 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.1	13.7
127	13.6	11.2	16.8

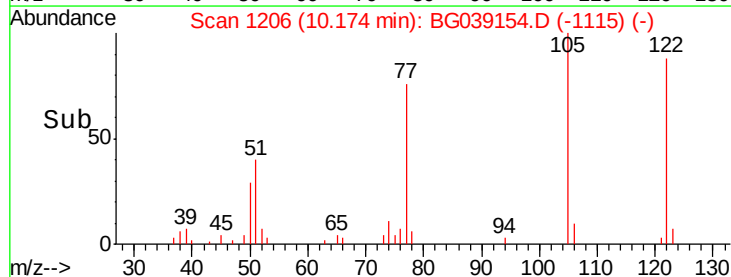
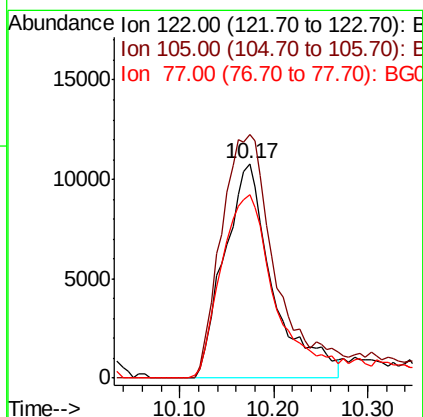
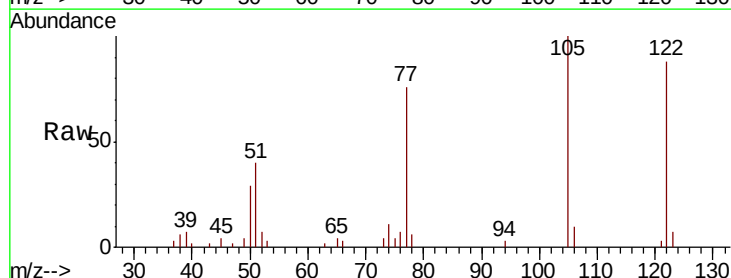
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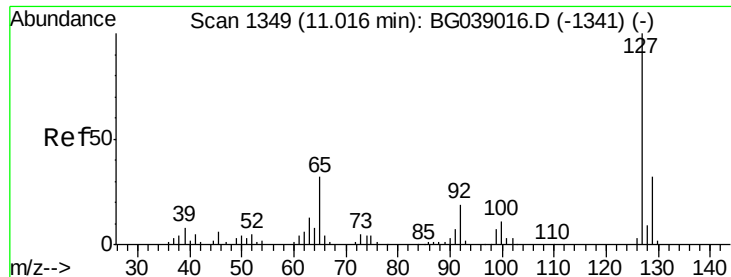
Sohil
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#32
Benzoic acid
Concen: 44.664 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	113.7	106.4	146.4
77	85.9	63.6	103.6





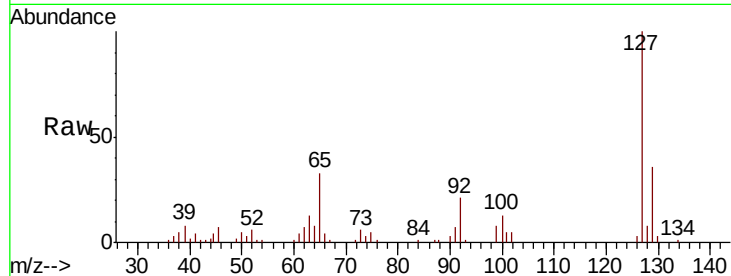
#33
4-Chloroaniline
Concen: 21.376 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.4	38.0
65	33.3	25.4	38.0
92	20.8	15.2	22.8

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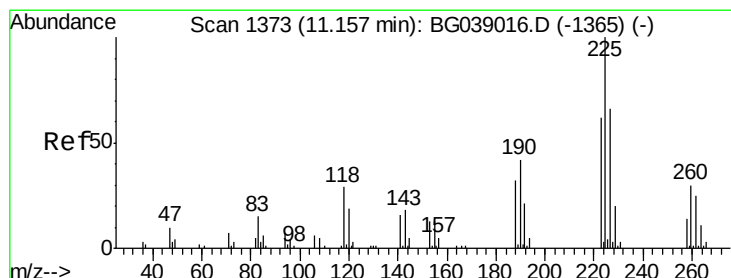
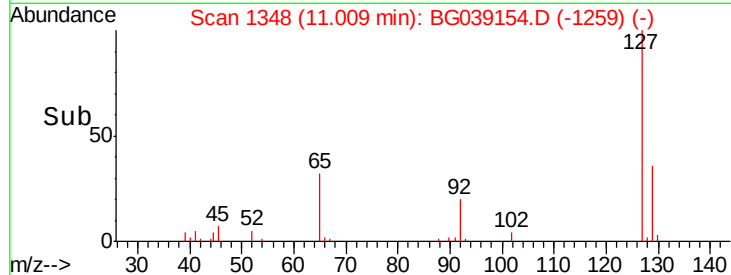
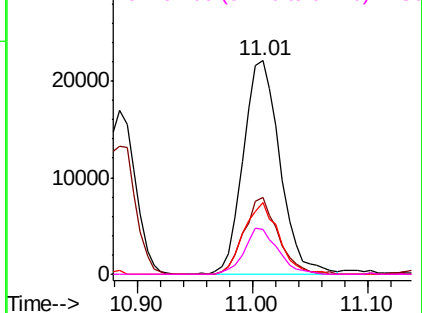
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

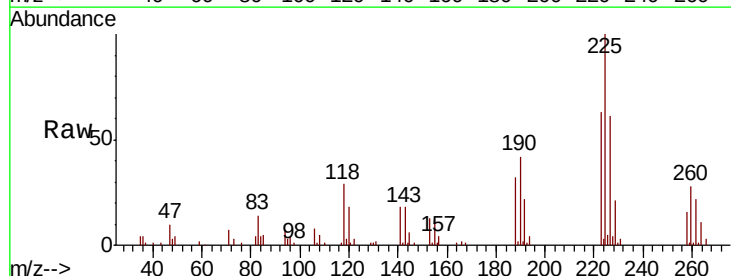
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.123 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	58.0	53.2	79.8

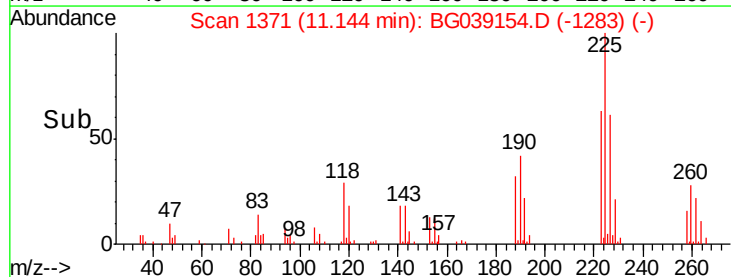
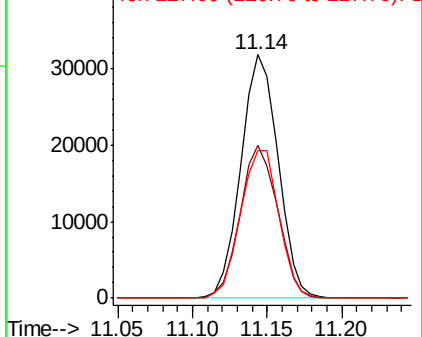


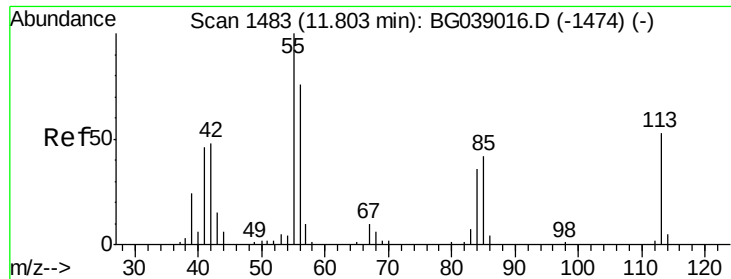
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





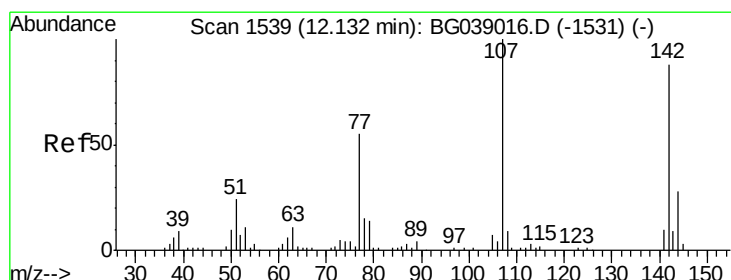
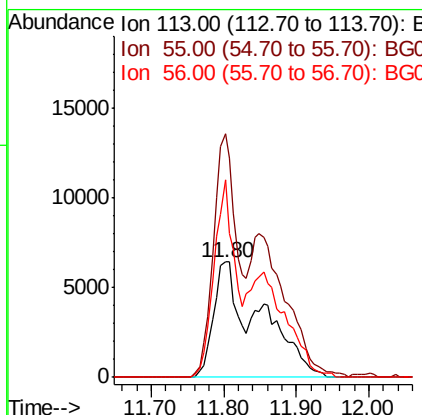
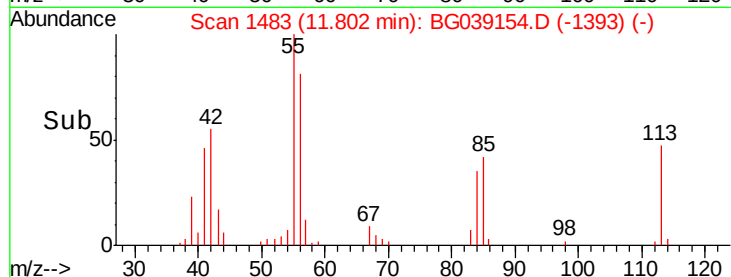
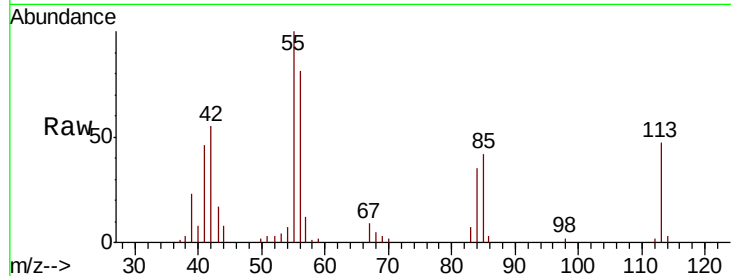
#35
Caprolactam
Concen: 39.773 ng/ml
RT: 11.80 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :
PB116382BS

Tot Ion: 113 Resp: 28527
Ion Ratio Lower Upper
113 100
55 210.9 168.6 208.6#
56 171.0 123.2 163.2#

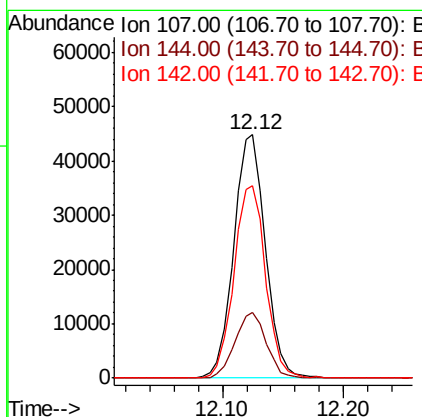
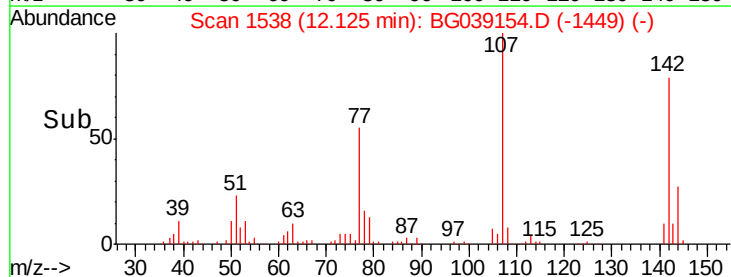
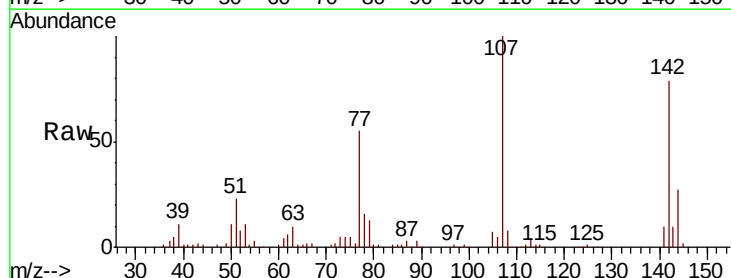
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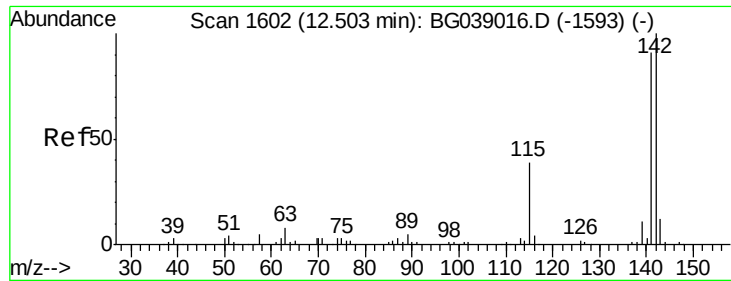
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 42.854 ng/ml
RT: 12.12 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion: 107 Resp: 81984
Ion Ratio Lower Upper
107 100
144 27.2 22.6 34.0
142 78.9 70.2 105.4





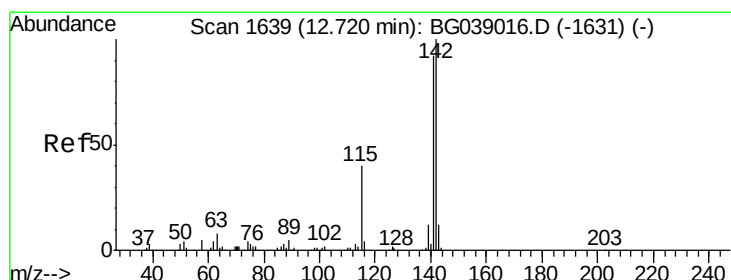
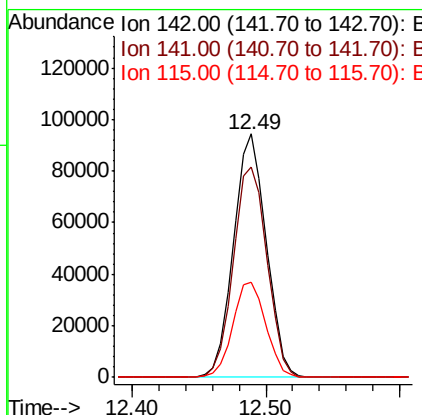
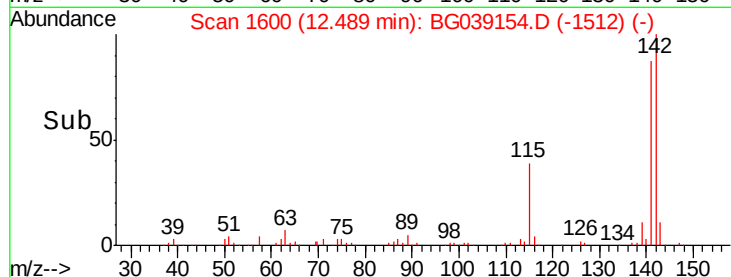
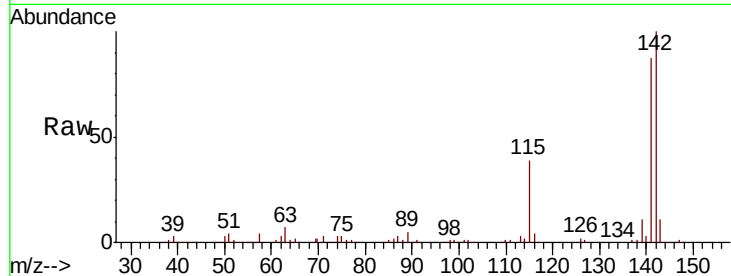
#37
2-Methylnaphthalene
Concen: 41.645 ng
RT: 12.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	72.6	109.0
115	38.8	31.1	46.7

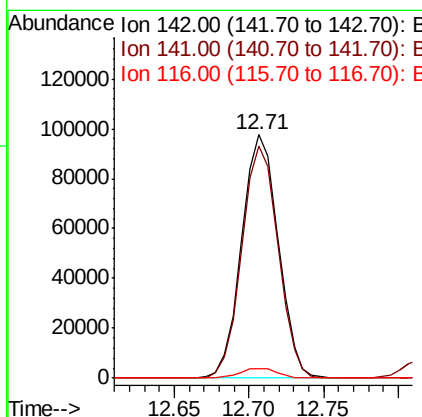
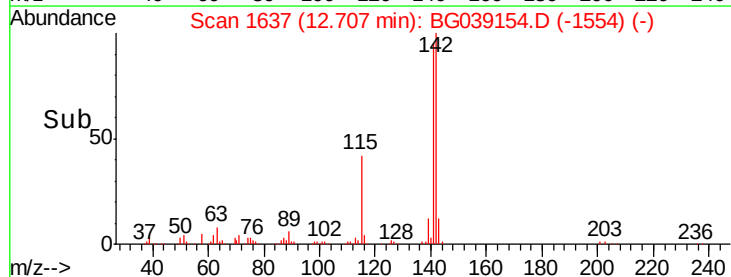
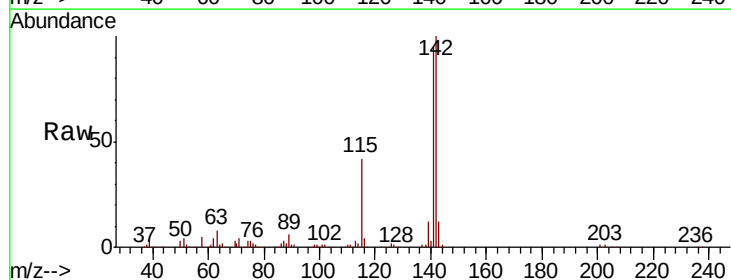
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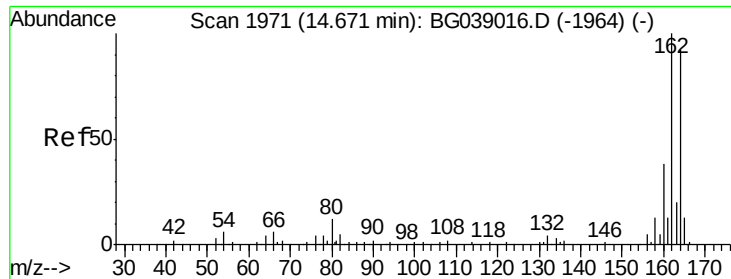
Sohil
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#38
1-Methylnaphthalene
Concen: 44.929 ng
RT: 12.71 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.2	73.3	109.9
116	3.9	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

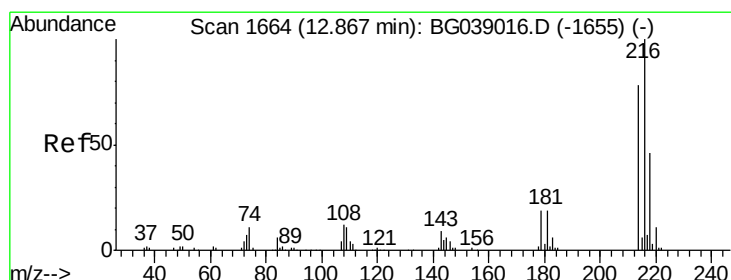
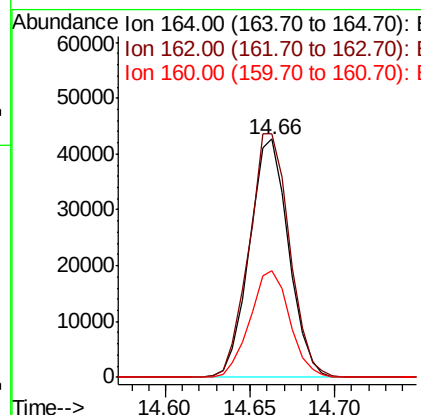
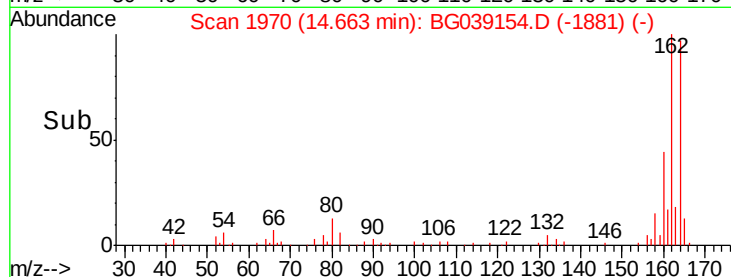
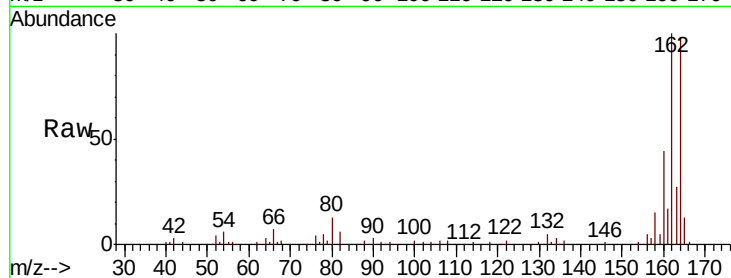
ClientSampleId :

PB116382BS

Tot Ion:	164	Resp:	68684
Ion Ratio	Lower	Upper	
164	100		
162	102.2	87.2	130.8
160	44.9	33.3	49.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.240 ng

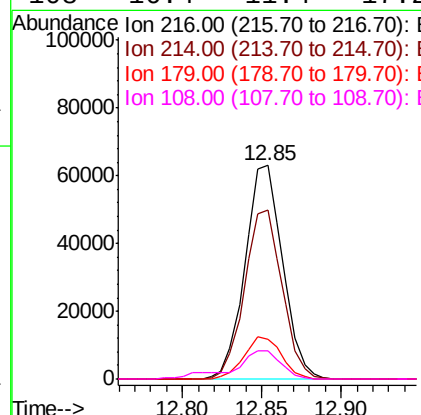
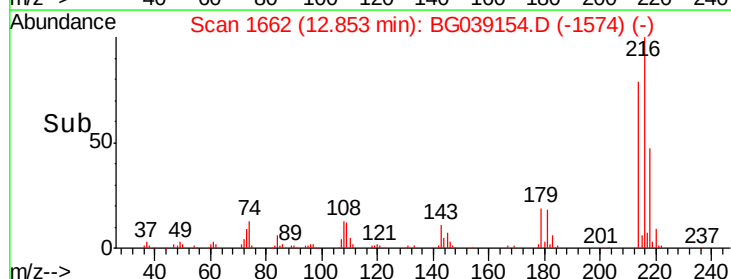
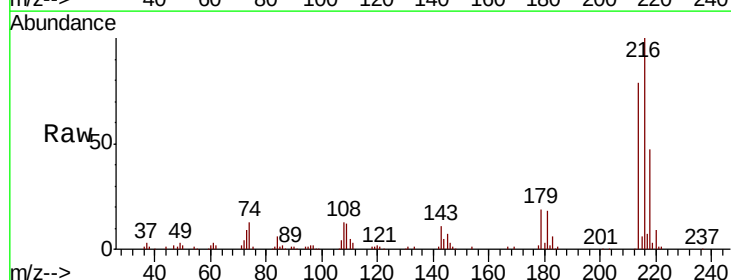
RT: 12.85 min Scan# 1662

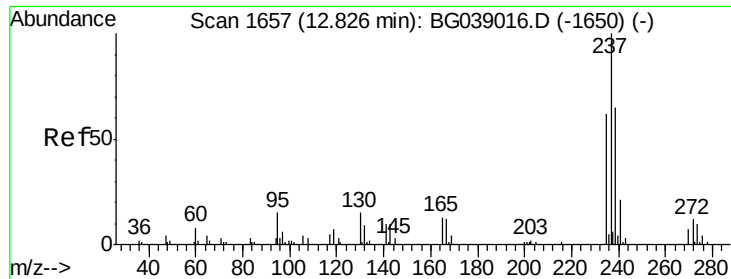
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	216	Resp:	103798
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.4	95.2
179	19.7	15.5	23.3
108	16.4	11.4	17.2





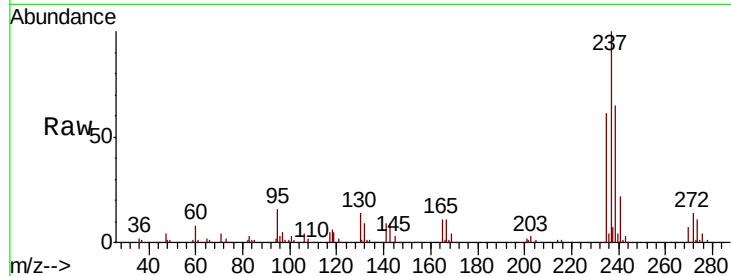
#41
Hexachlorocyclopentadiene
Concen: 81.614 ng
RT: 12.82 min Scan# 1656
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.9	41.7	81.7
272	13.6	0.0	32.1

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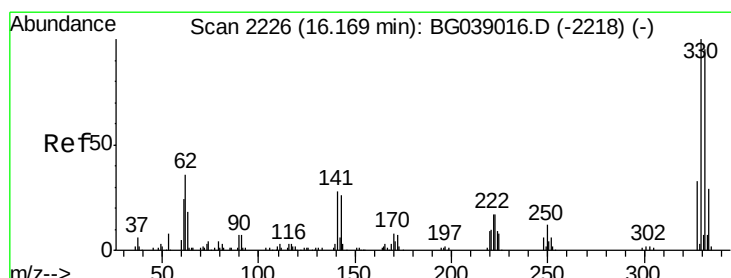
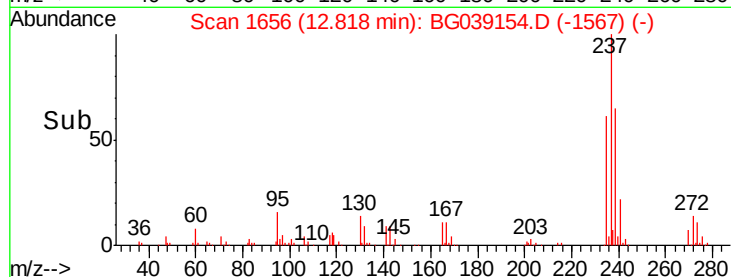
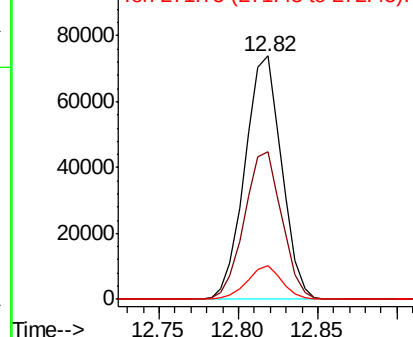


Abundance

Ion 236.80 (236.50 to 237.50): E

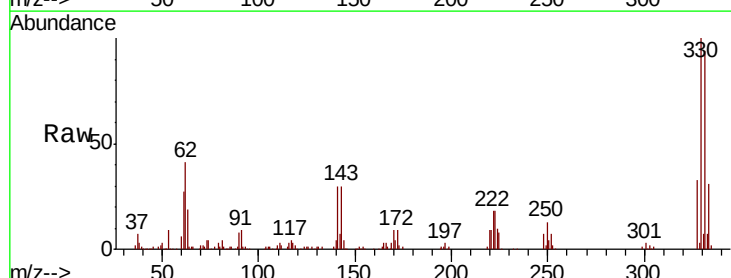
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 151.967 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	75.7	113.5
141	29.9	24.9	37.3

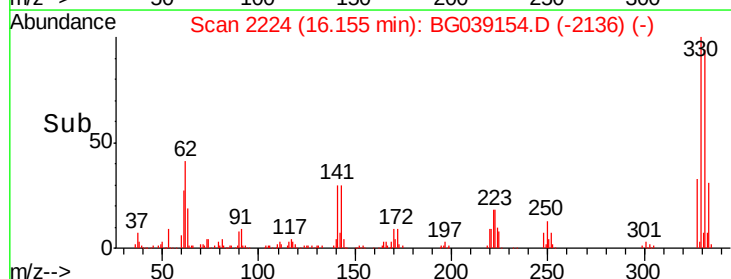
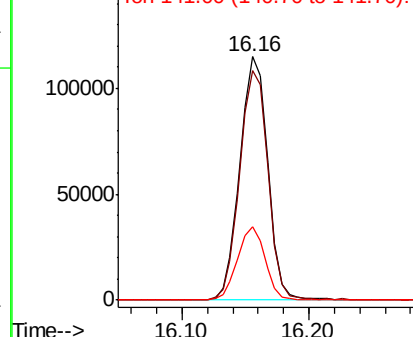


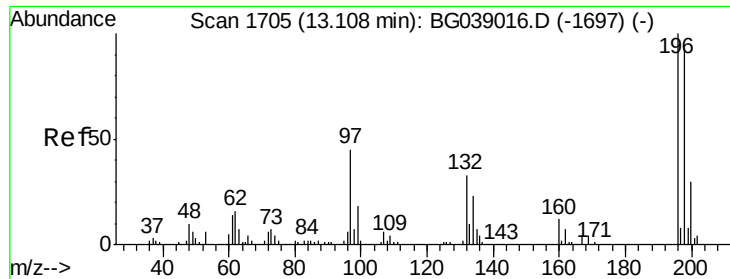
Abundance

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





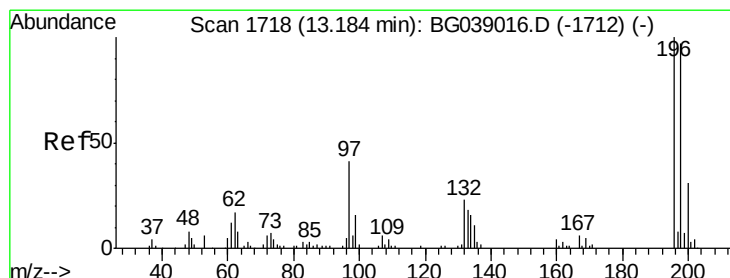
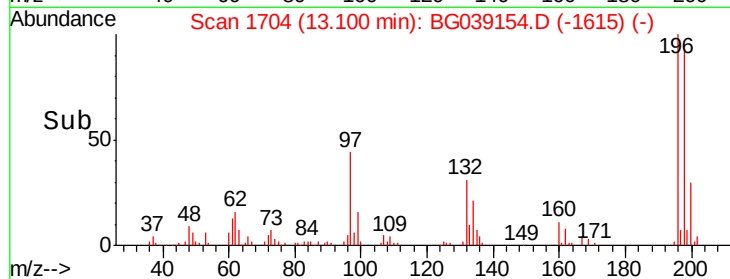
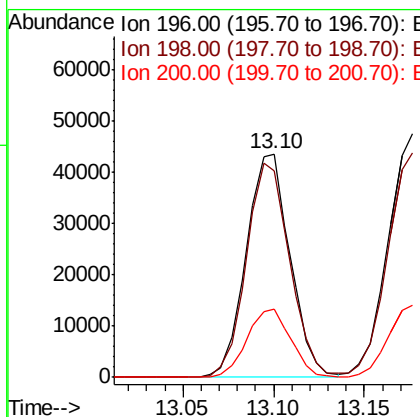
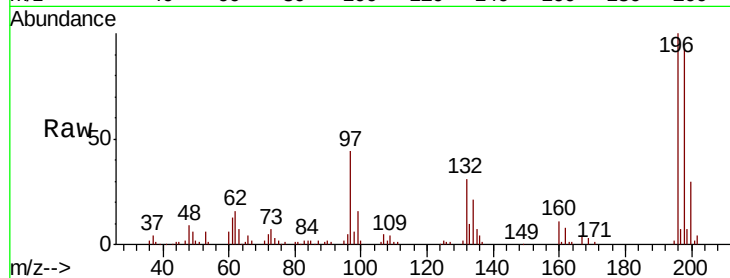
#43
 2,4,6-Trichlorophenol
 Concen: 44.978 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	92.7	74.5	111.7
200	30.3	23.8	35.6

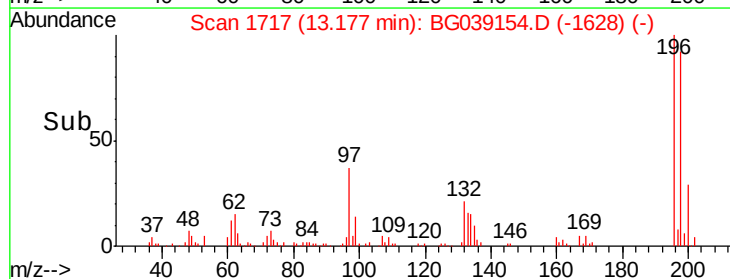
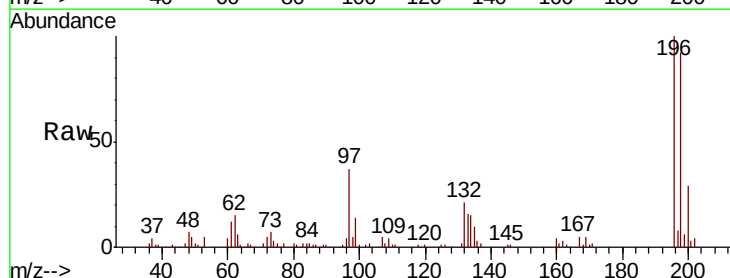
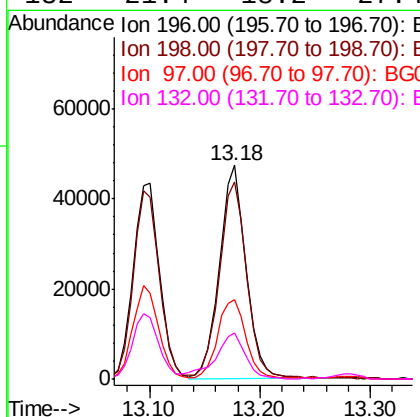
Manual Integrations
 APPROVED

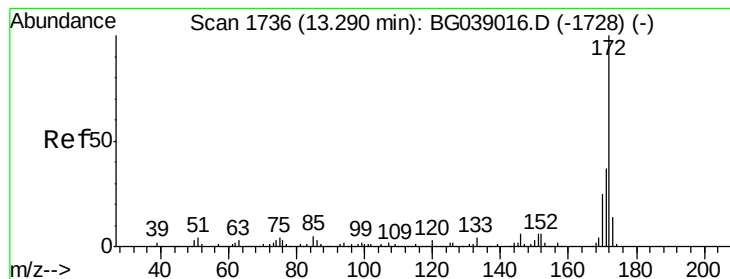
Sohil
 1/17/2019 2:09:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.299 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.1	78.1	117.1
97	37.3	33.2	49.8
132	21.4	18.2	27.4





#45

2-Fluorobiphenyl

Concen: 81.129 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

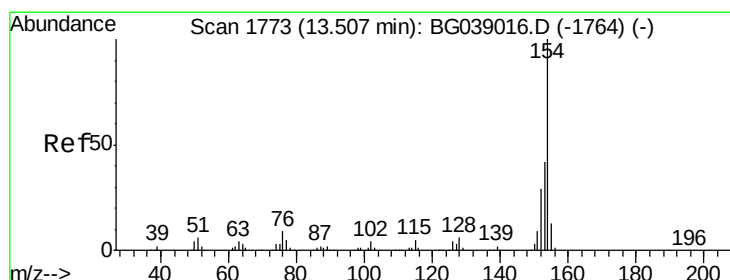
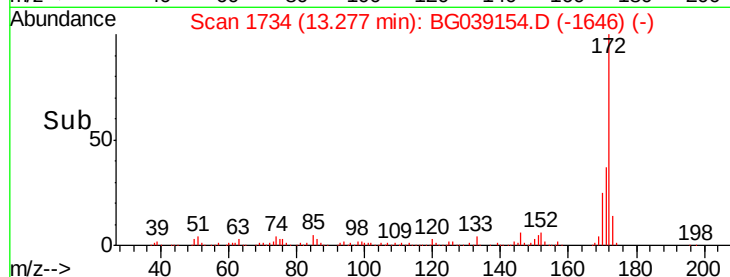
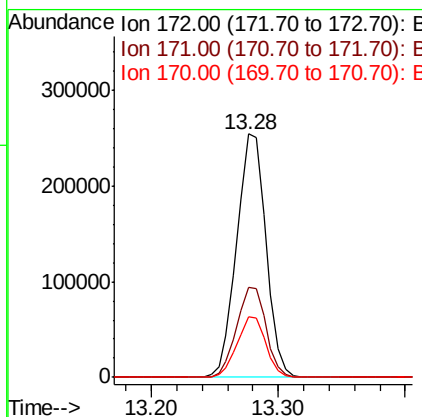
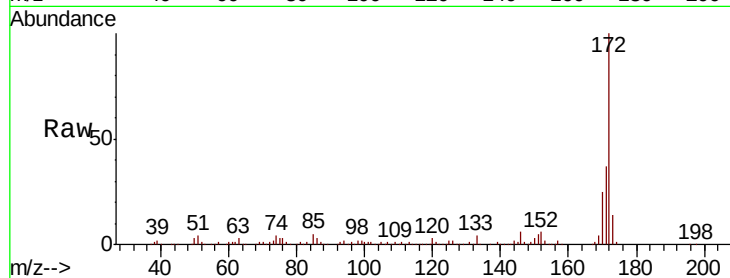
ClientSampleId :

PB116382BS

Tot Ion:	172	Resp:	407162
Ion Ratio	Lower	Upper	
172	100		
171	37.0	29.4	44.0
170	24.8	20.1	30.1

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#46

1,1'-Biphenyl

Concen: 38.321 ng

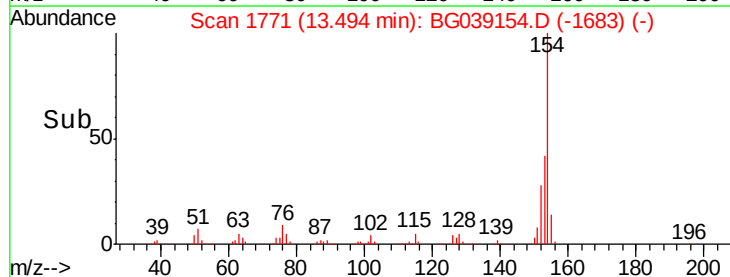
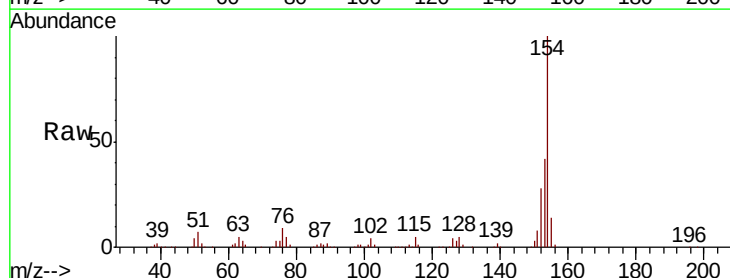
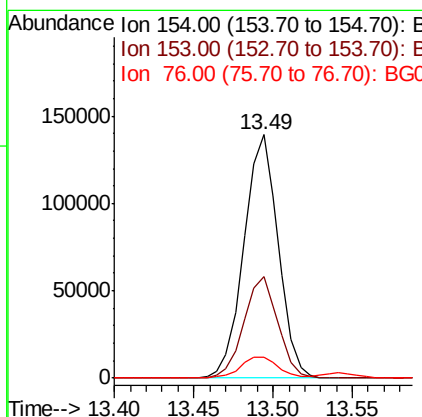
RT: 13.49 min Scan# 1771

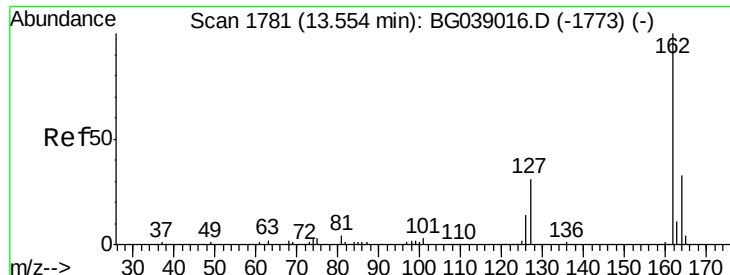
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	154	Resp:	208556
Ion Ratio	Lower	Upper	
154	100		
153	41.6	22.4	62.4
76	8.7	0.0	29.4





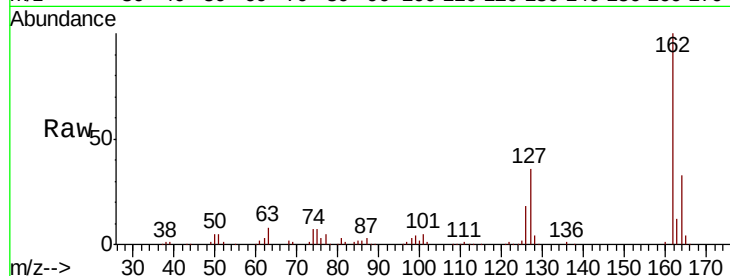
#47
 2-Chloronaphthalene
 Concen: 37.882 ng
 RT: 13.54 min Scan# 1779
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	28.4	42.6
164	32.7	26.3	39.5

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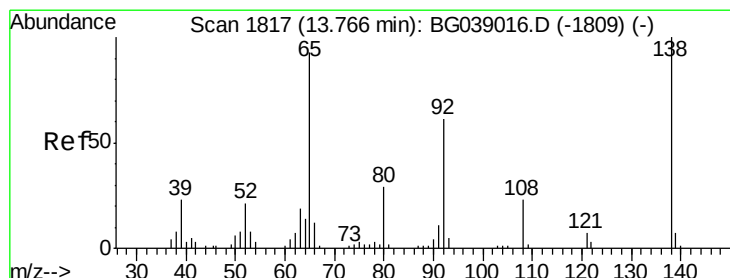
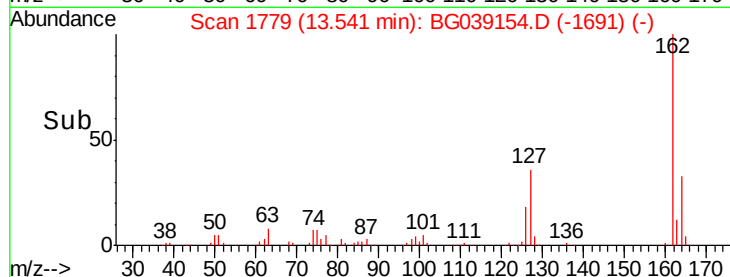
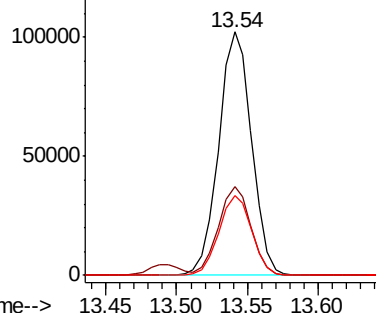


Abundance

Ion 162.00 (161.70 to 162.70): E

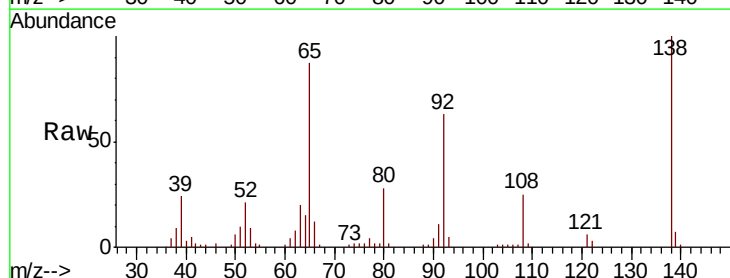
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
 2-Nitroaniline
 Concen: 42.722 ng
 RT: 13.76 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	52.2	78.4
138	114.8	86.0	129.0

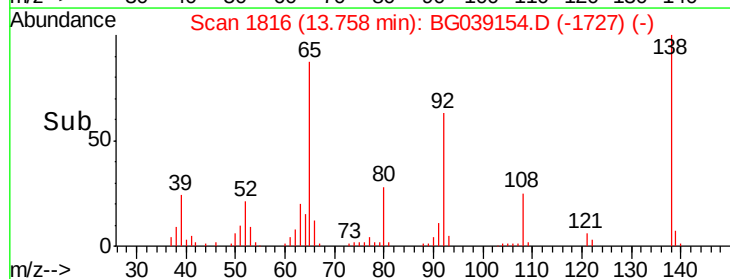
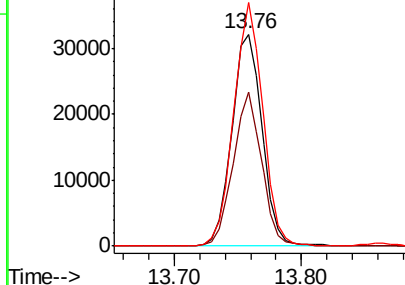


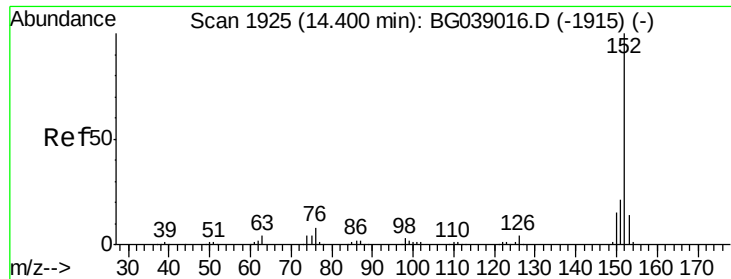
Abundance

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





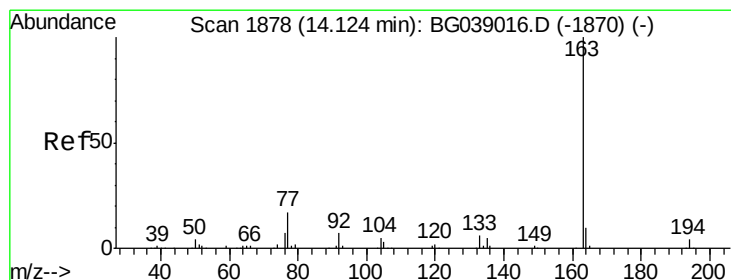
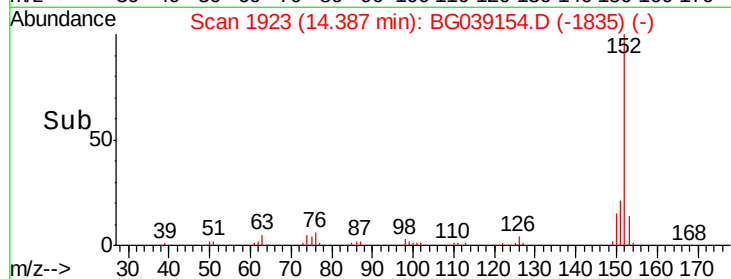
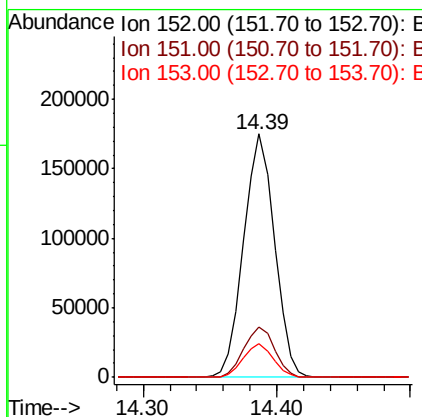
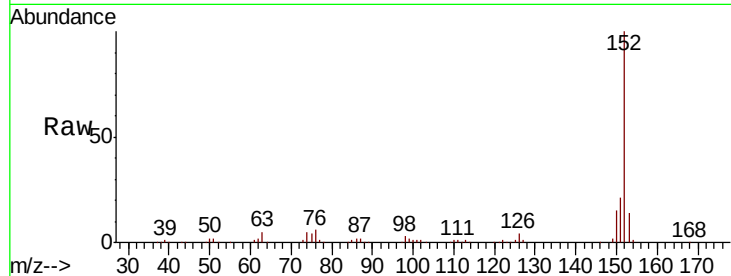
#49
Acenaphthylene
Concen: 42.235 ng
RT: 14.39 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.4
153	13.6	11.2	16.8

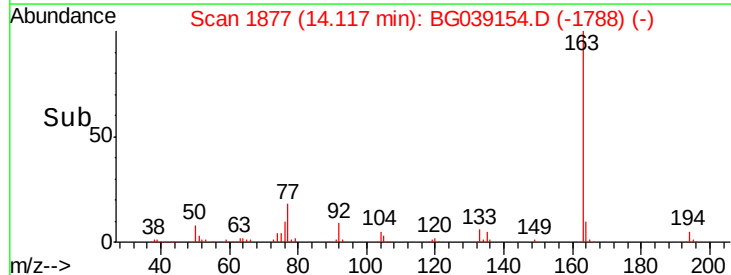
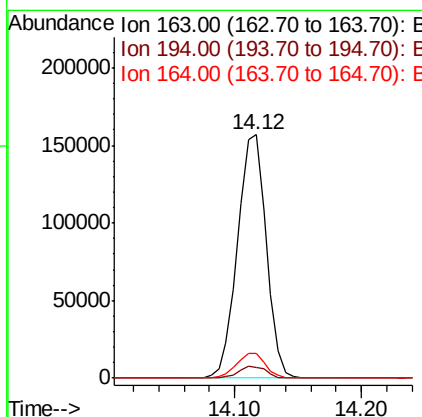
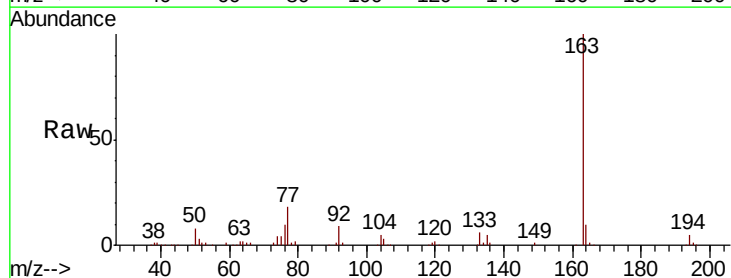
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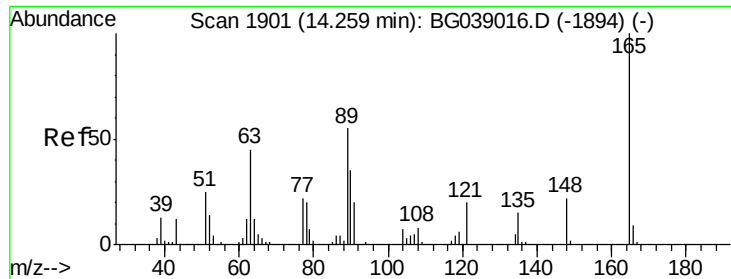
Sohil
1/17/2019 2:09:08 PM



#50
Dimethylphthalate
Concen: 42.317 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.0	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 42.469 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

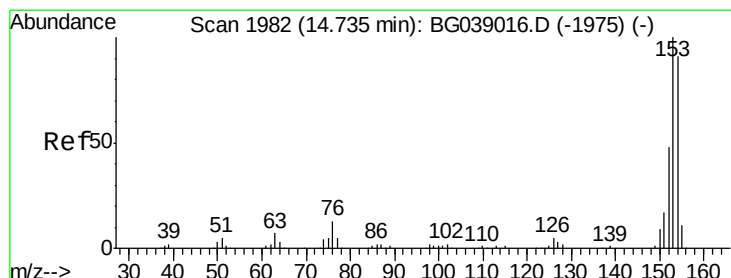
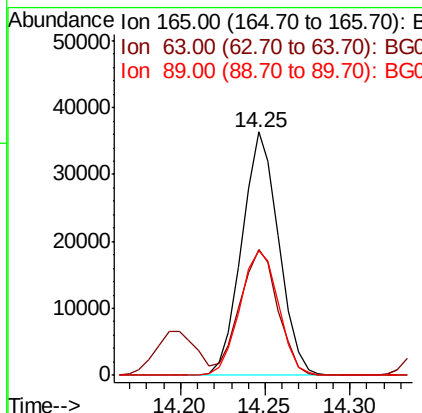
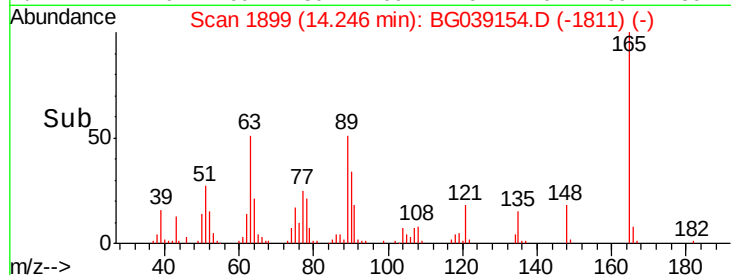
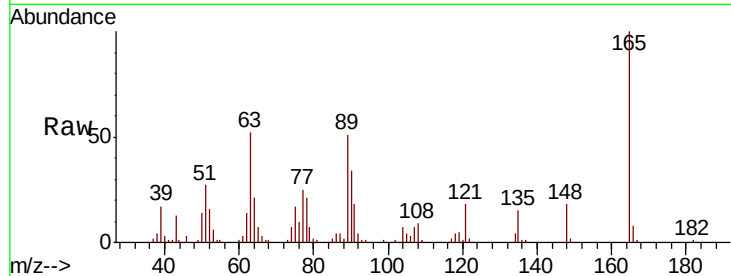
ClientSampleId :

PB116382BS

Tot Ion:	165	Resp:	55110
Ion Ratio	Lower	Upper	
165	100		
63	51.9	43.6	65.4
89	51.0	43.7	65.5

Manual Integrations
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#52

Acenaphthene

Concen: 38.875 ng

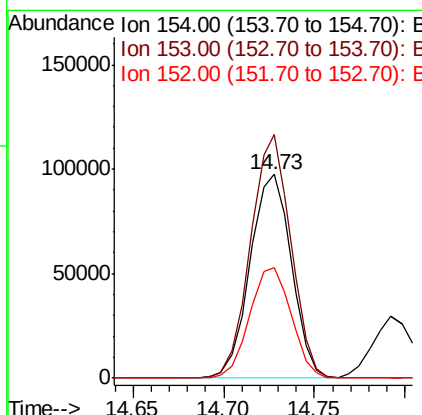
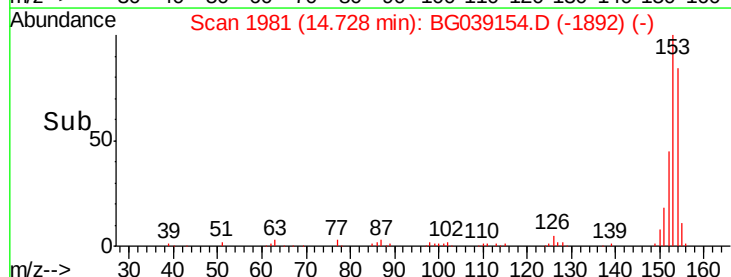
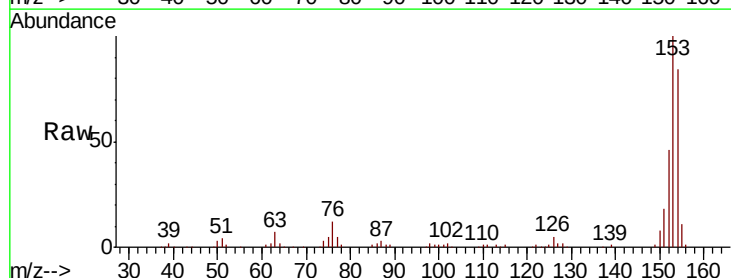
RT: 14.73 min Scan# 1981

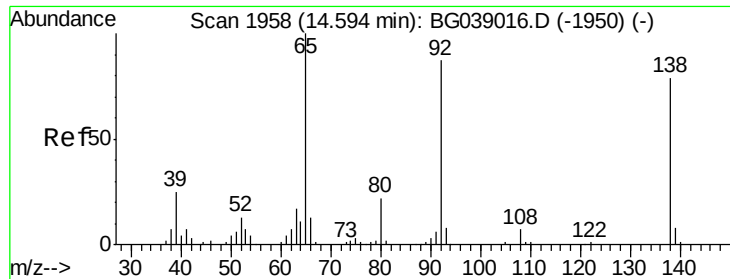
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	154	Resp:	154613
Ion Ratio	Lower	Upper	
154	100		
153	119.5	87.9	131.9
152	54.5	42.2	63.2





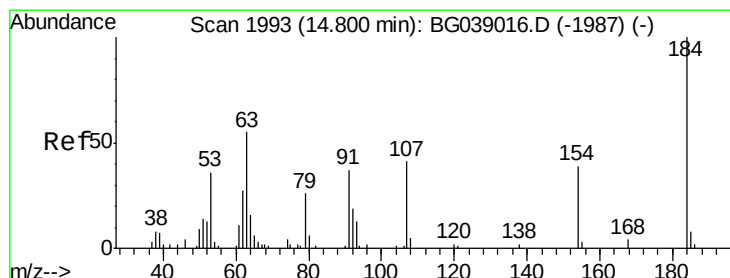
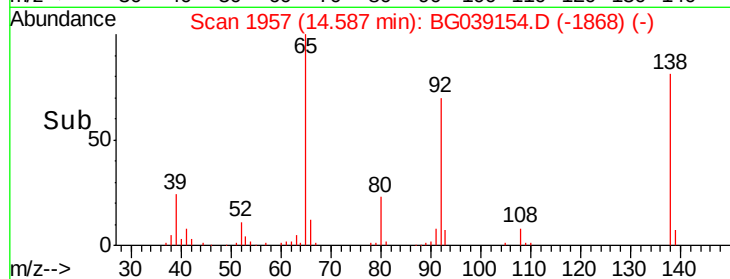
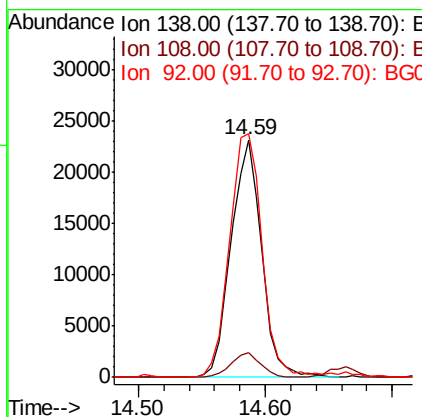
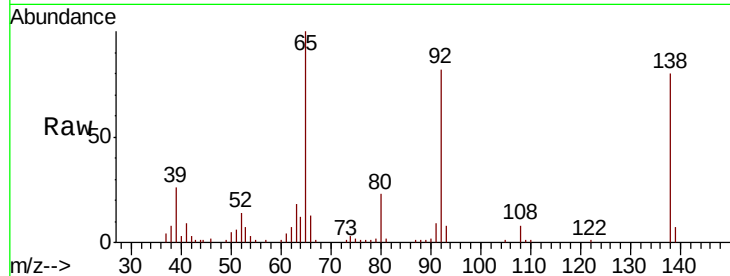
#53
 3-Nitroaniline
 Concen: 29.151 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	7.4	11.0
92	102.4	88.2	132.4

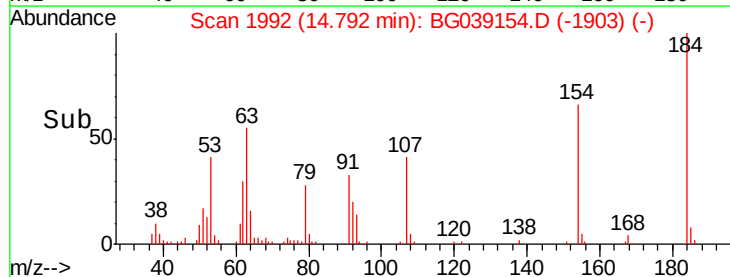
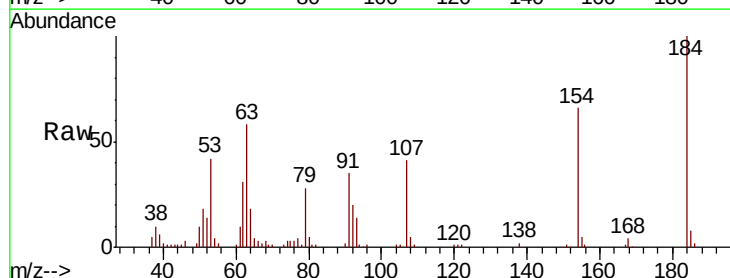
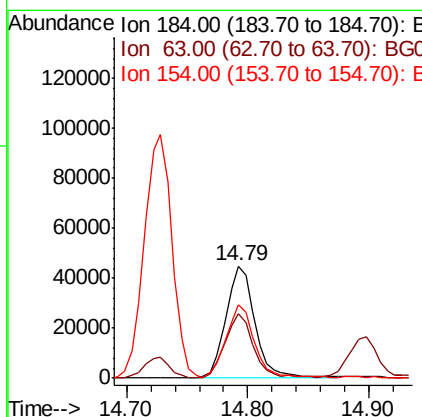
Manual Integrations
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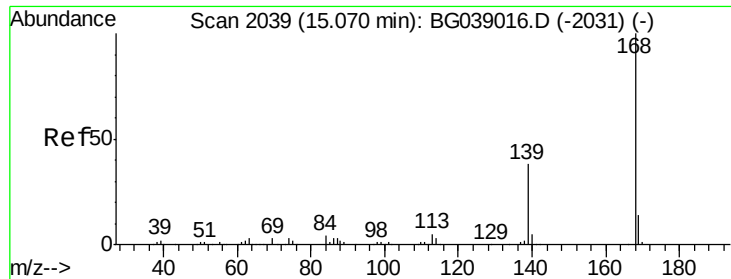
Sohil
 1/17/2019 2:09:08 PM



#54
 2,4-Dinitrophenol
 Concen: 95.939 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.9	44.0	66.0
154	65.6	46.1	69.1





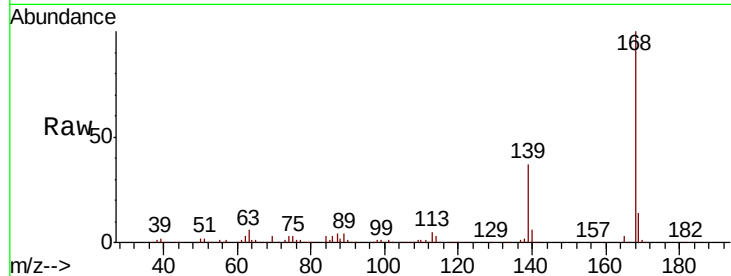
#55
Dibenzenofuran
Concen: 40.262 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.1	45.1
169	14.2	10.9	16.3

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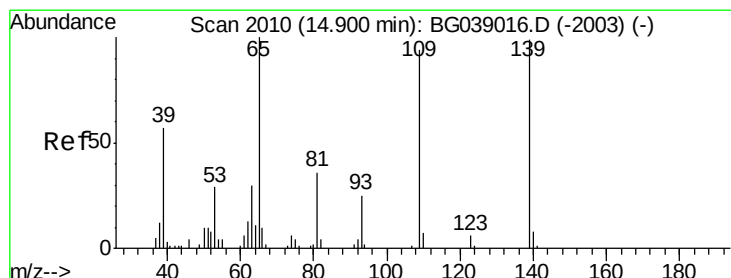
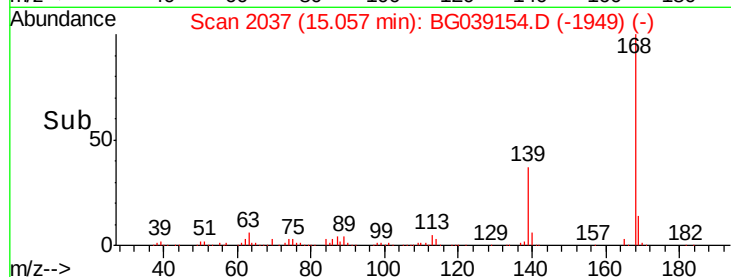
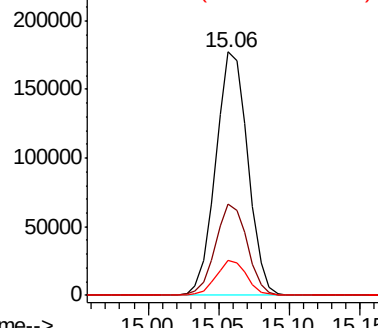


Abundance

Ion 168.00 (167.70 to 168.70): E

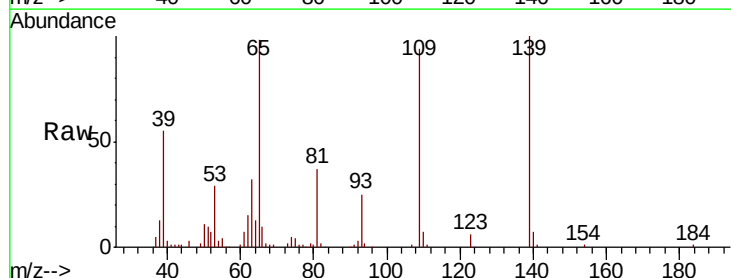
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 88.802 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.2	75.6	115.6
65	98.3	81.2	121.2

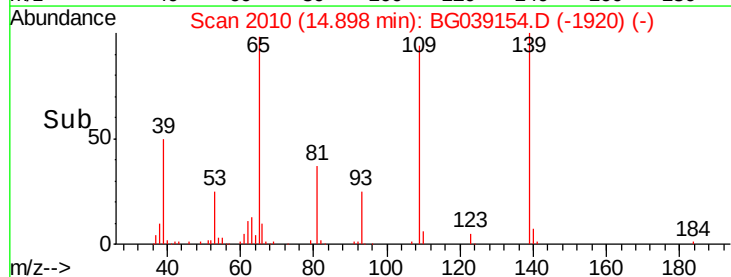
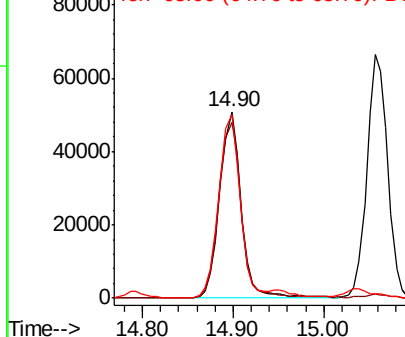


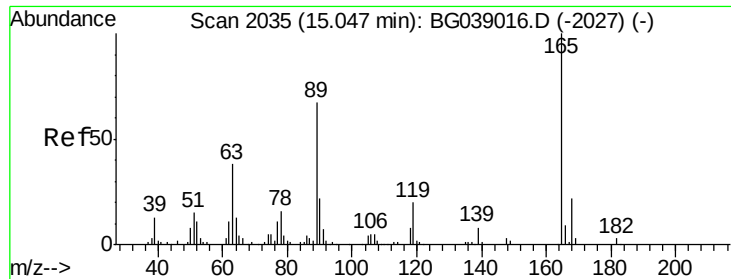
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





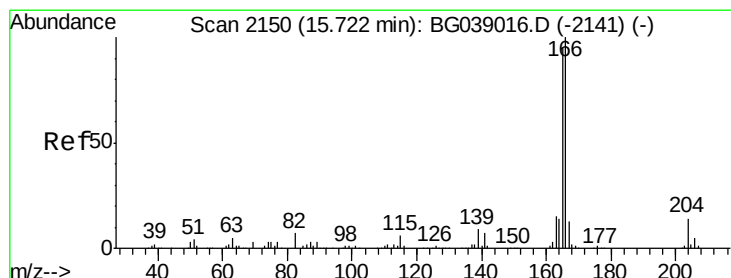
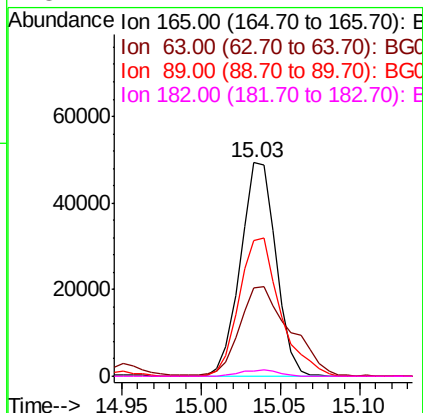
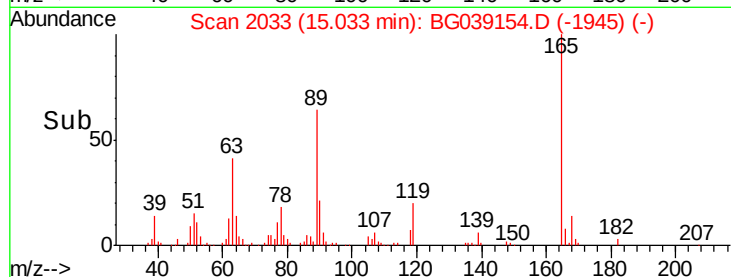
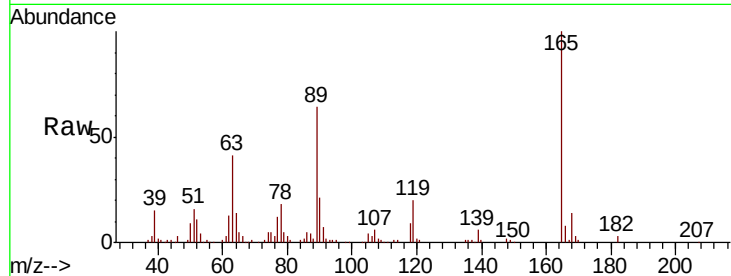
#57
2,4-Dinitrotoluene
Concen: 41.297 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	30.2	45.4
89	63.5	53.2	79.8
182	2.7	2.7	4.1#

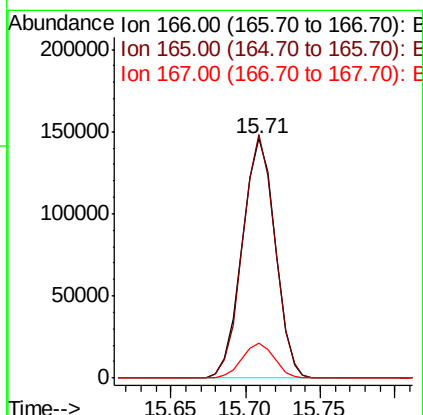
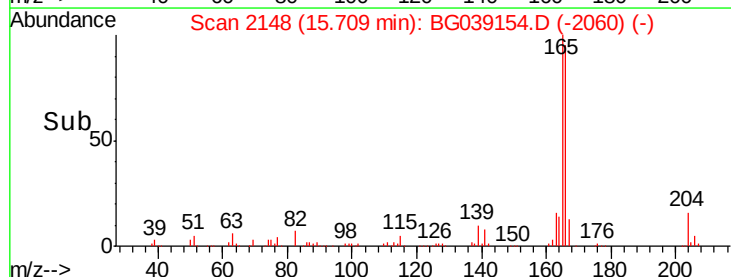
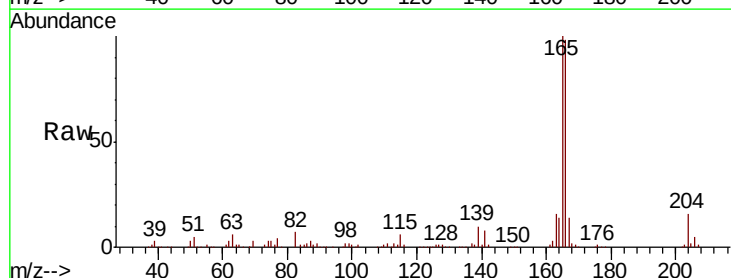
Manual Integrations
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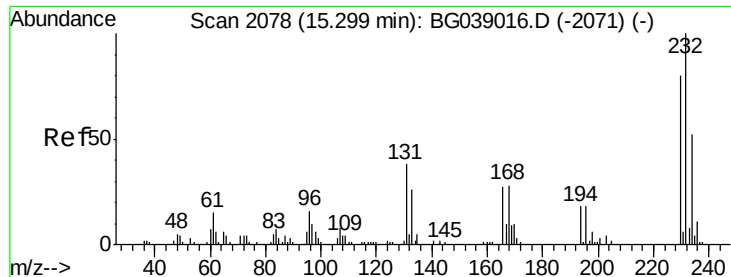
Sohil
1/17/2019 2:09:08 PM



#58
Fluorene
Concen: 42.257 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	76.2	114.2
167	14.3	10.6	16.0





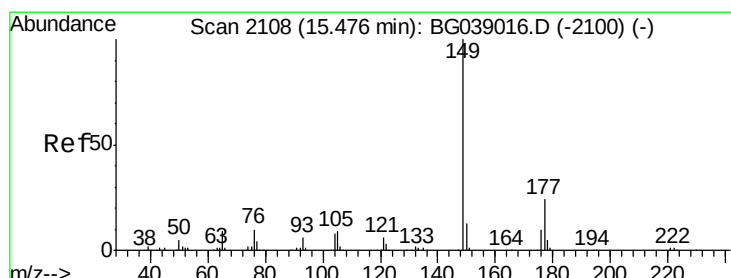
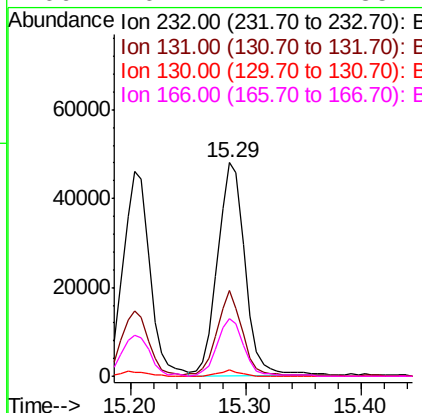
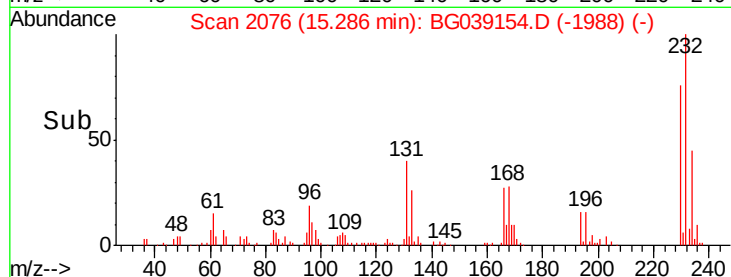
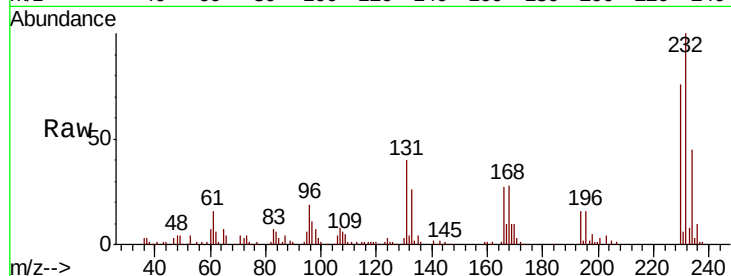
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.656 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.4	30.9	46.3
130	2.2	1.9	2.9
166	26.7	22.1	33.1

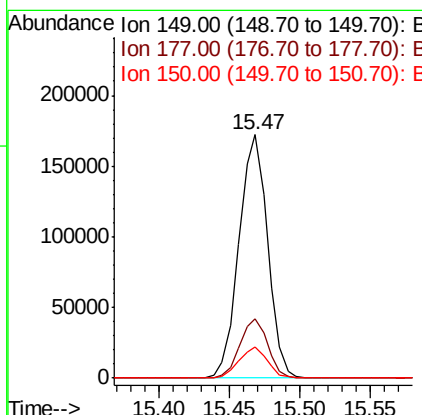
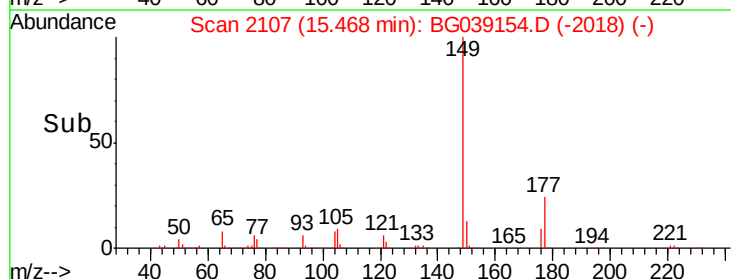
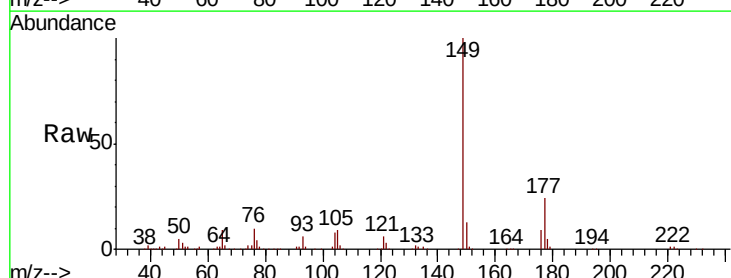
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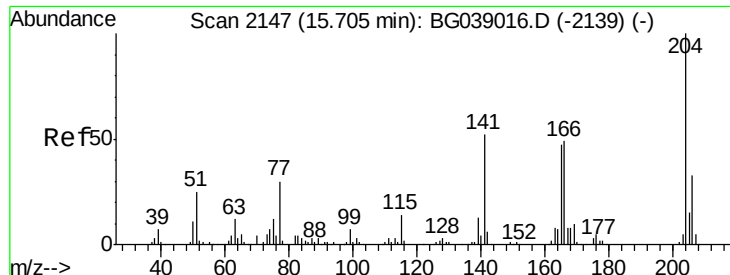
Sohil
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#60
Diethylphthalate
Concen: 40.772 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.0	28.6
150	12.6	10.2	15.4





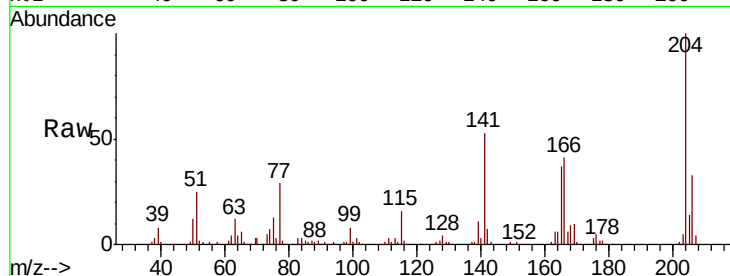
#61
4-Chlorophenyl-phenylether
Concen: 38.445 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	52.7	41.4	62.0

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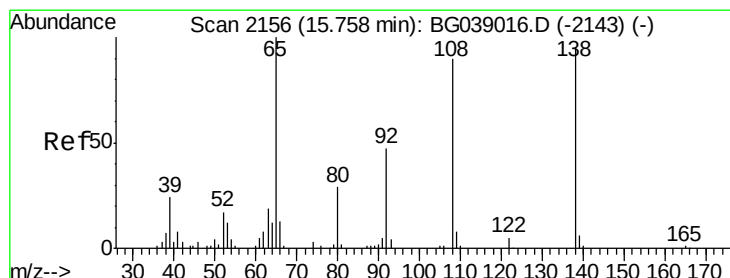
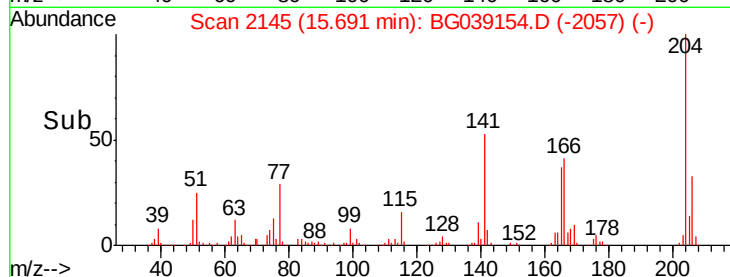
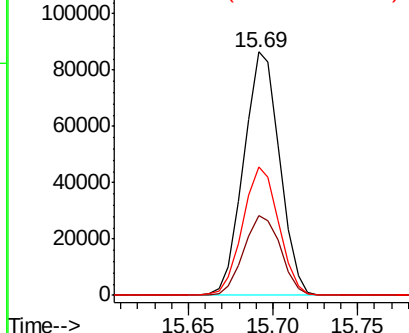


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.126 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

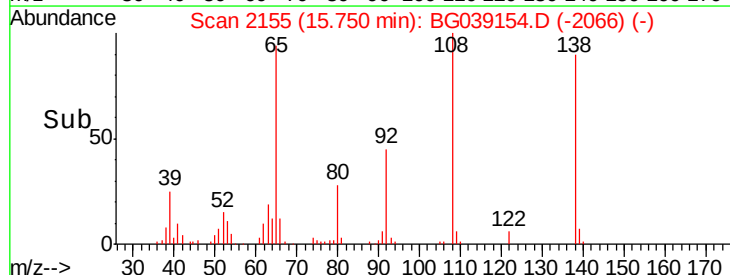
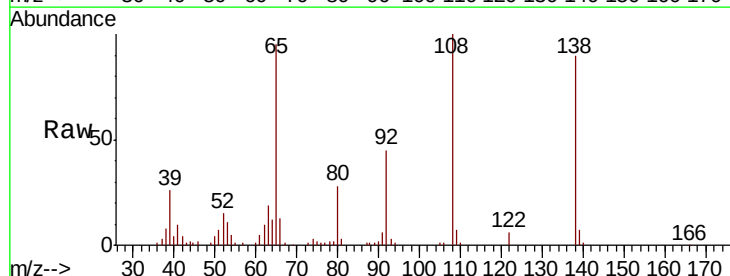
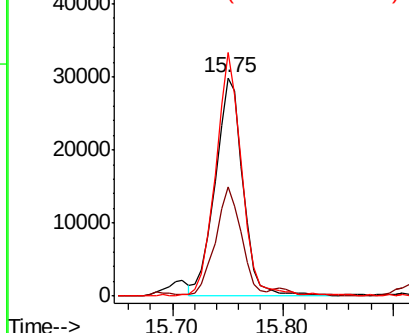
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.7	69.7
108	111.5	75.7	115.7

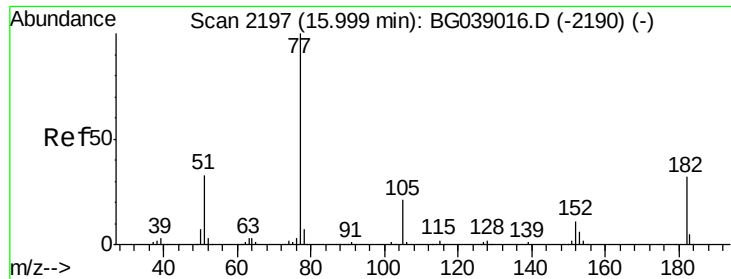
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





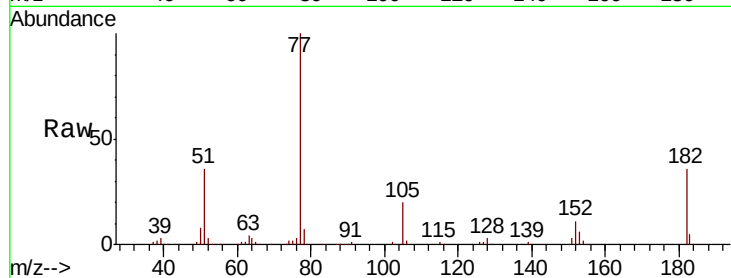
#63
Azobenzene
Concen: 38.792 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

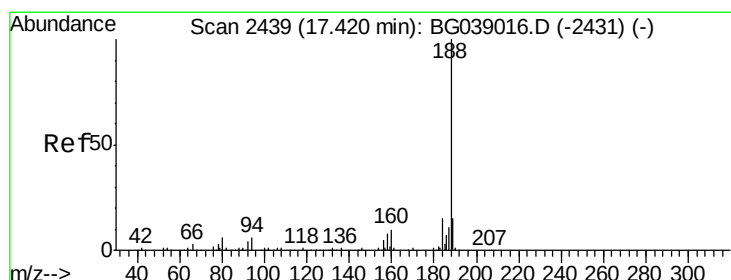
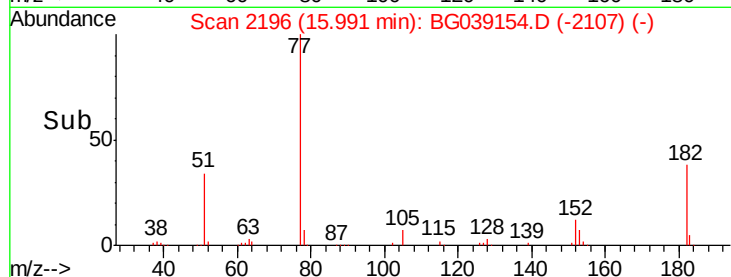
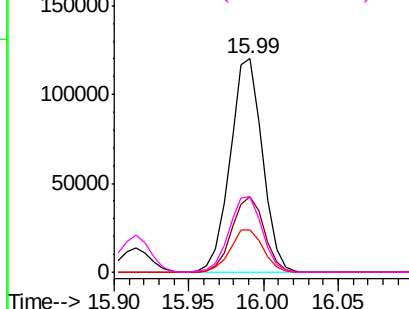
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		181409		
182	35.5	12.2	52.2		
105	20.0	1.2	41.2		
51	35.5	13.4	53.4		

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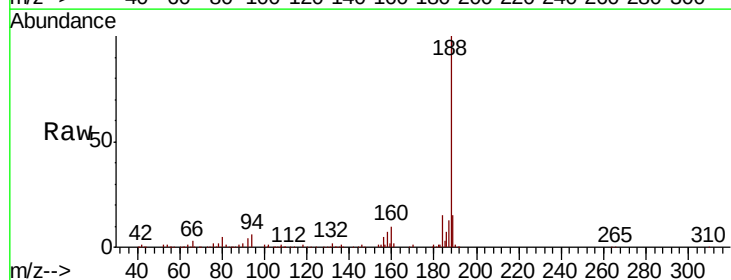


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

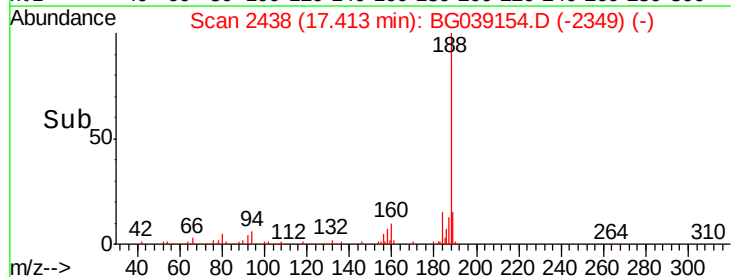
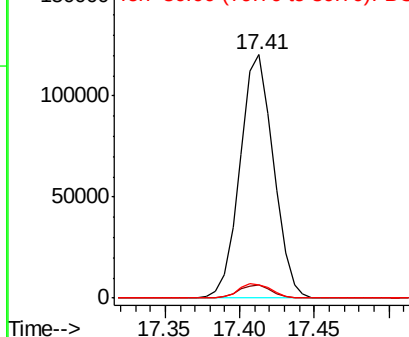


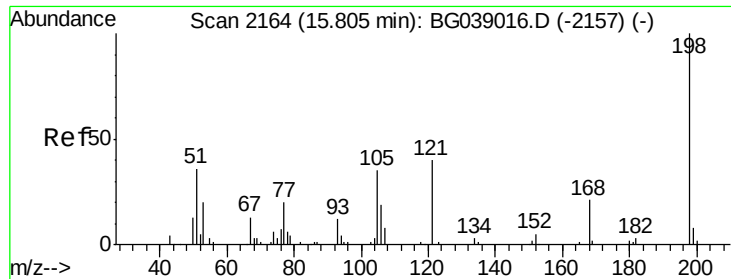
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		187420		
94	5.6	5.0	7.4		
80	5.4	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





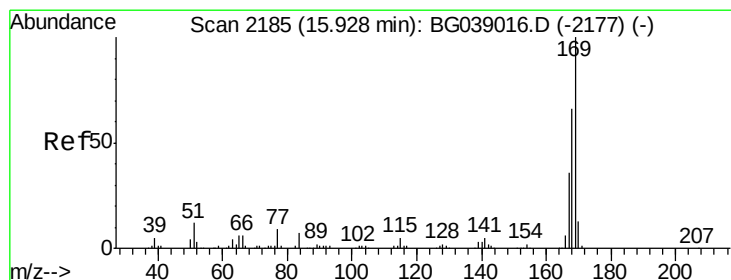
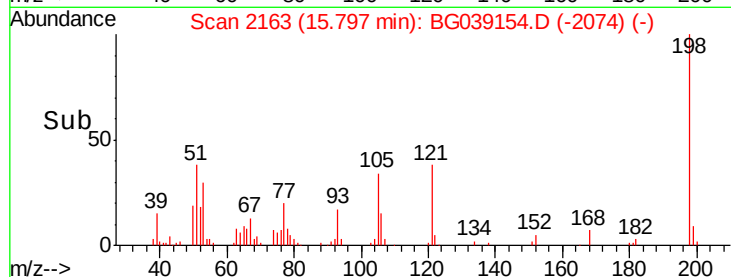
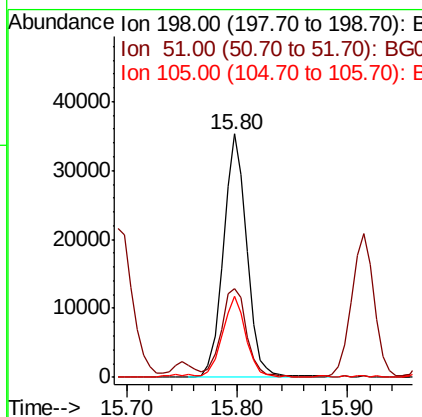
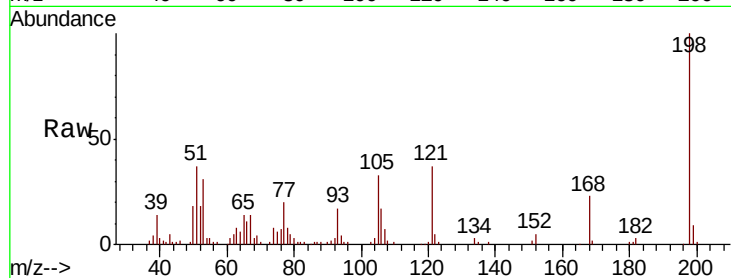
#65
4,6-Dinitro-2-methylphenol
Concen: 37.770 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	20.8	60.8
105	33.2	16.1	56.1

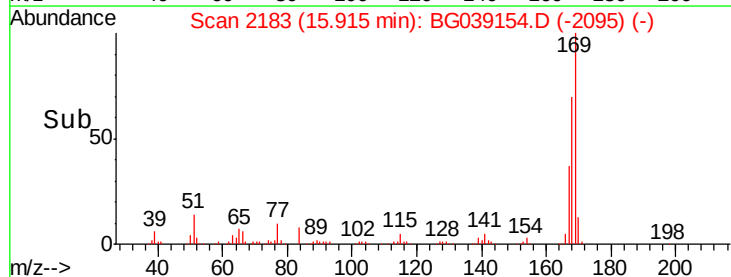
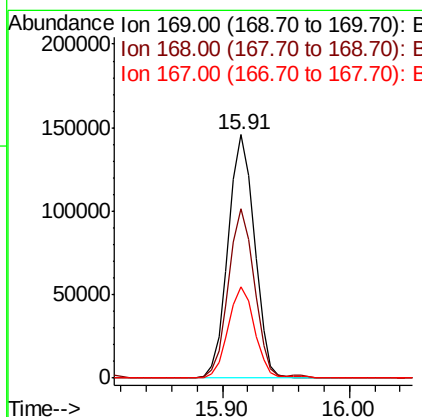
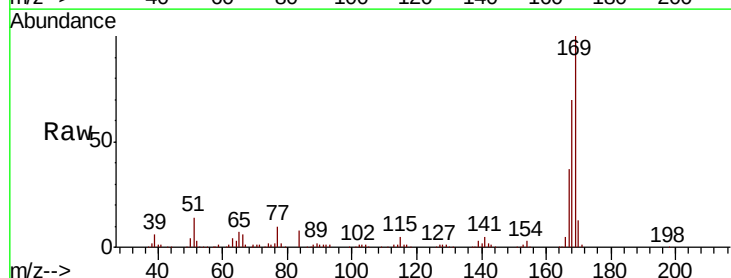
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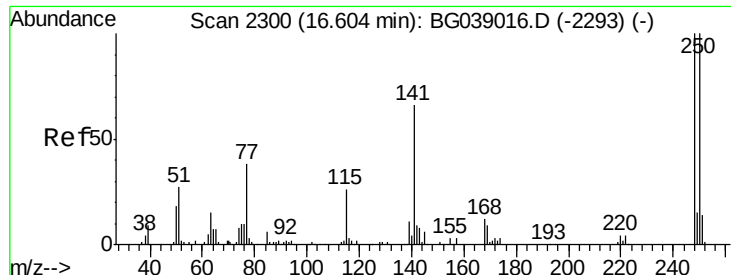
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#66
n-Nitrosodiphenylamine
Concen: 37.757 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	53.2	79.8
167	37.3	29.1	43.7





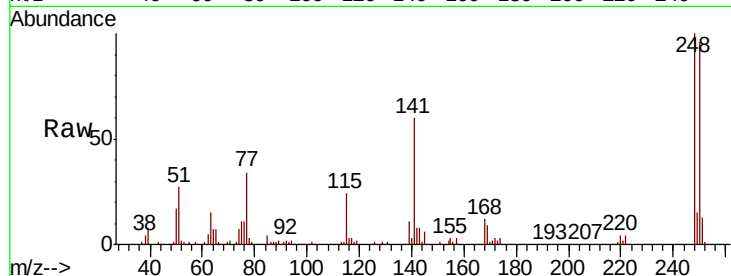
#67
 4-Bromophenyl-phenylether
 Concen: 38.055 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampled :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	79.9	119.9
141	60.0	52.7	79.1

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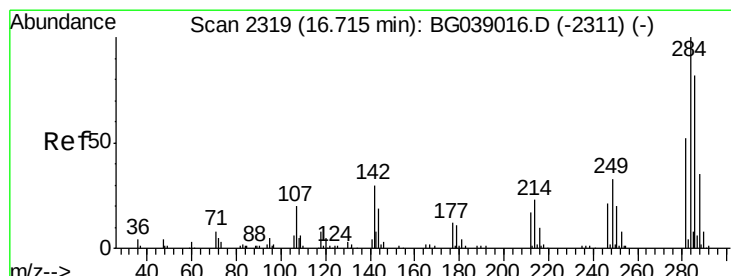
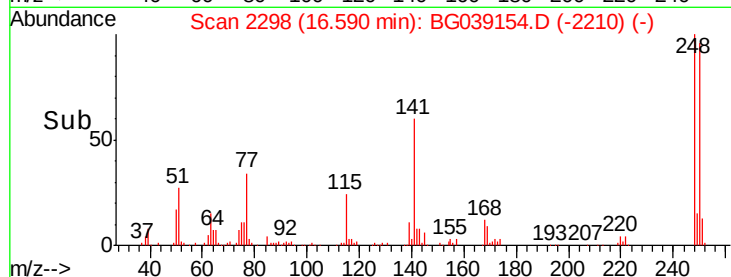
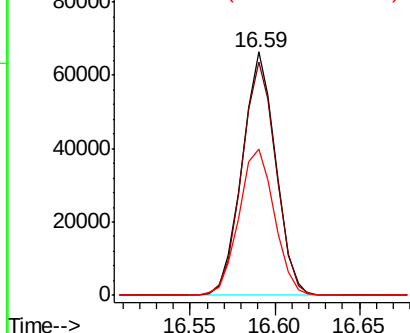


Abundance

Ion 248.00 (247.70 to 248.70): E

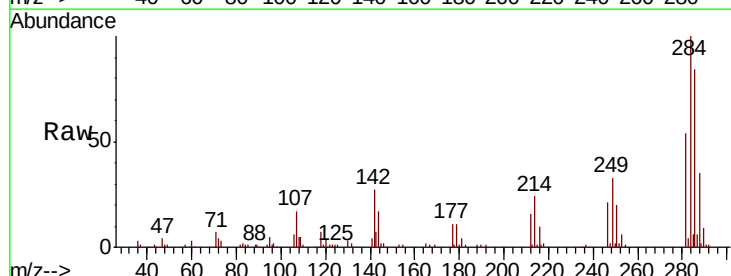
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.318 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.1	24.3	36.5
249	34.9	27.8	41.8

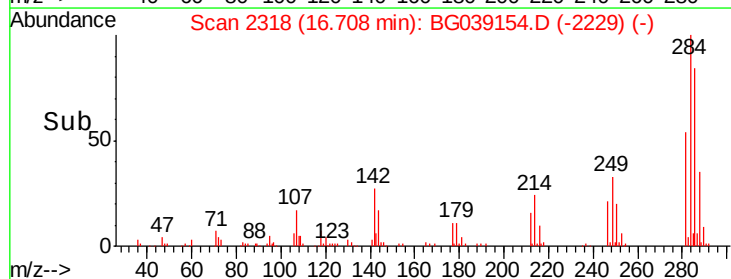
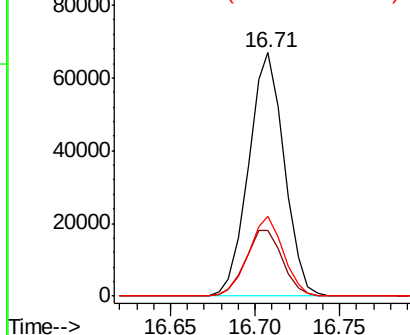


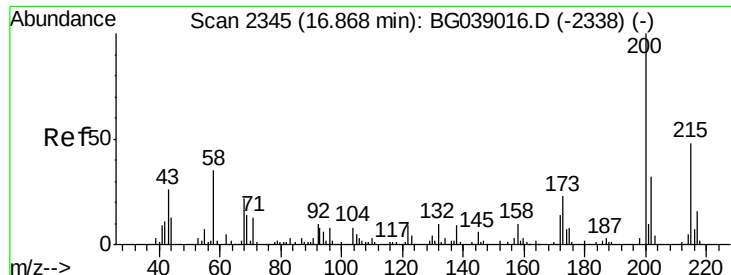
Abundance

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





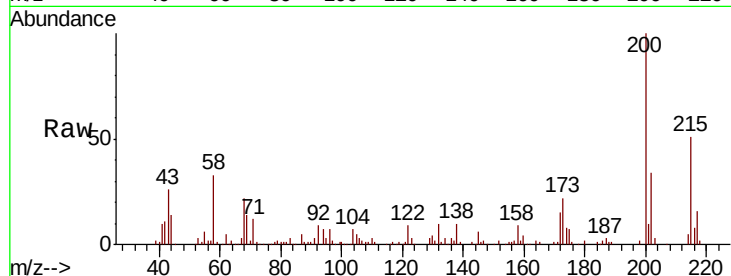
#69
Atrazine
Concen: 36.207 ng
RT: 16.86 min Scan# 2344
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	22.5	2.6	42.6
215	50.6	28.0	68.0

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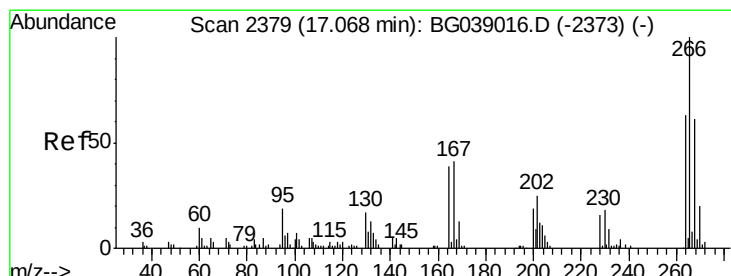
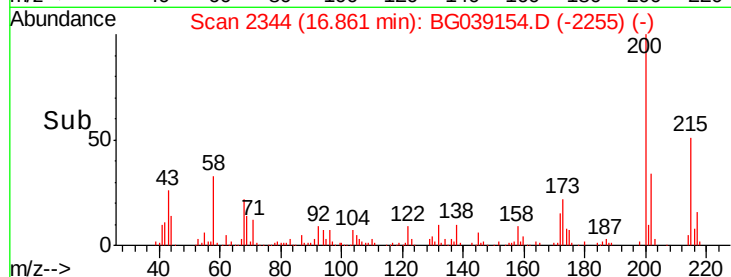
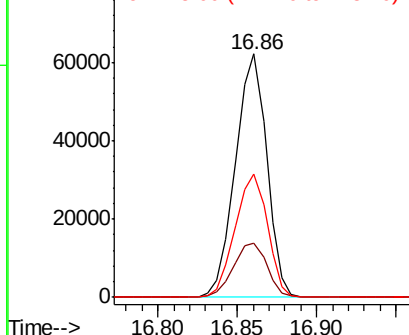


Abundance

Ion 200.00 (199.70 to 200.70): E

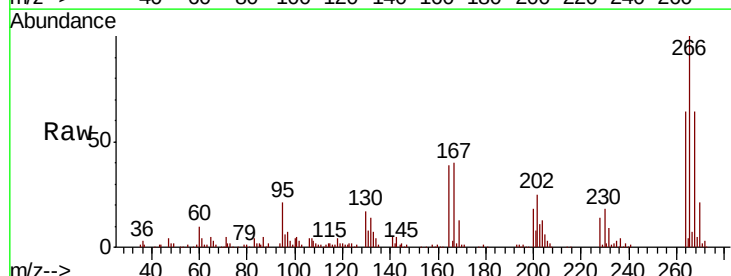
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 69.742 ng
RT: 17.06 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.4	52.0	78.0
264	63.7	54.6	81.8

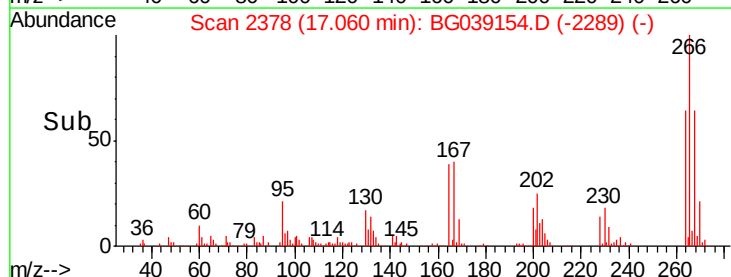
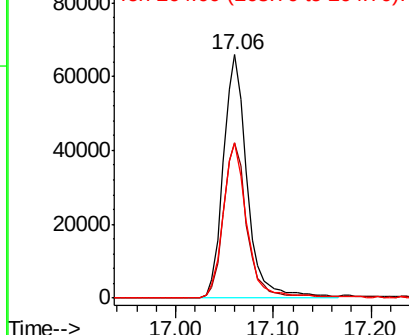


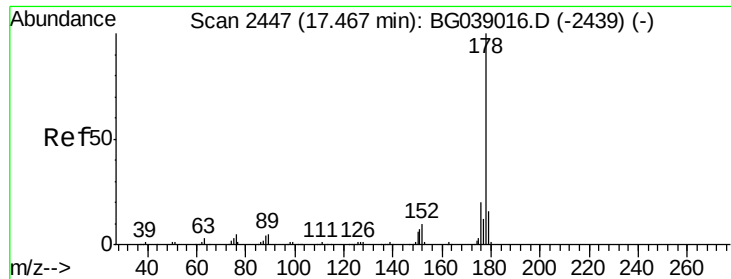
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





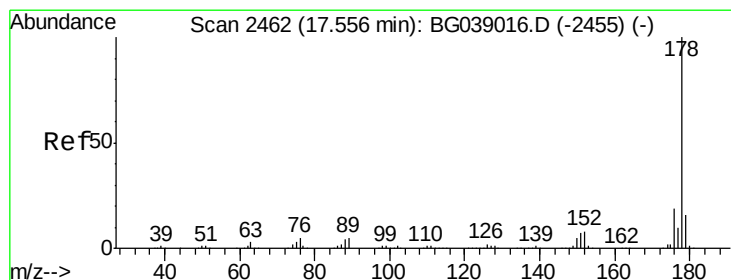
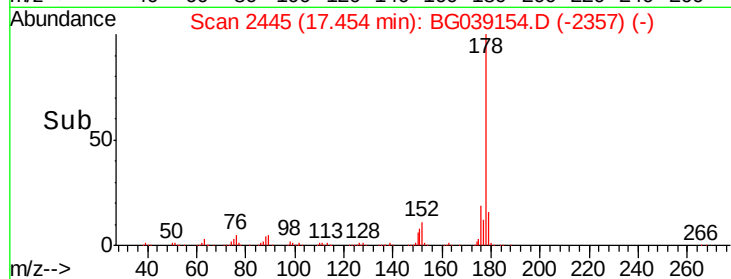
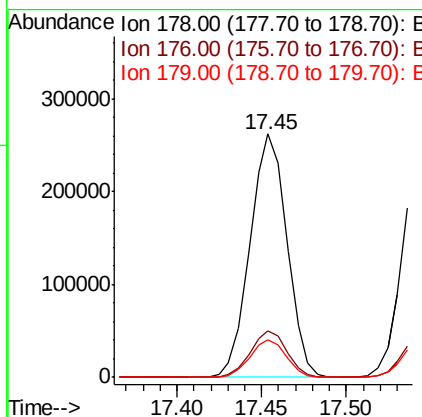
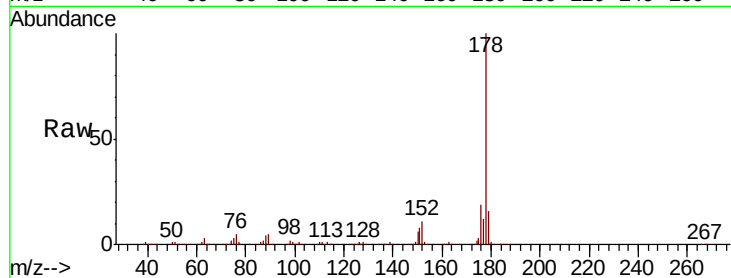
#71
 Phenanthrene
 Concen: 40.231 ng
 RT: 17.45 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.7	23.5
179	15.6	12.9	19.3

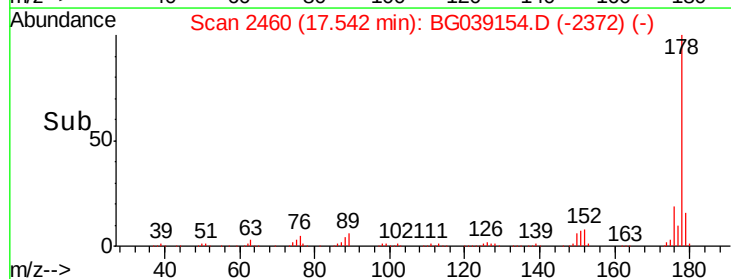
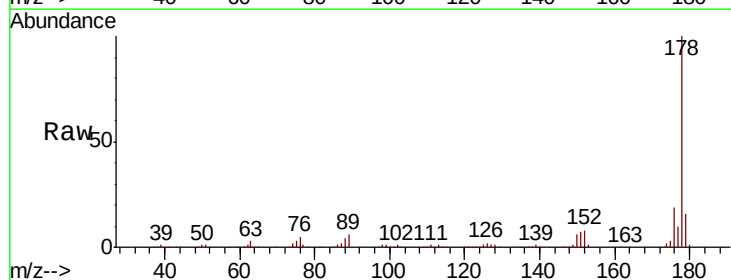
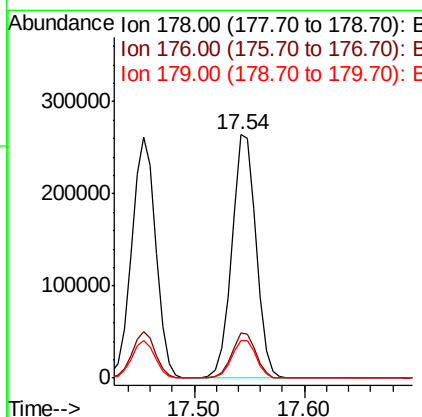
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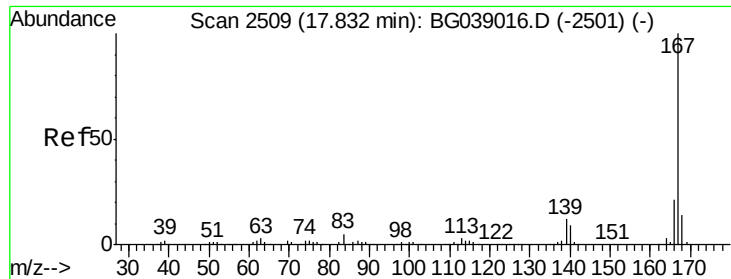
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#72
 Anthracene
 Concen: 41.654 ng
 RT: 17.54 min Scan# 2460
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	13.0	19.4





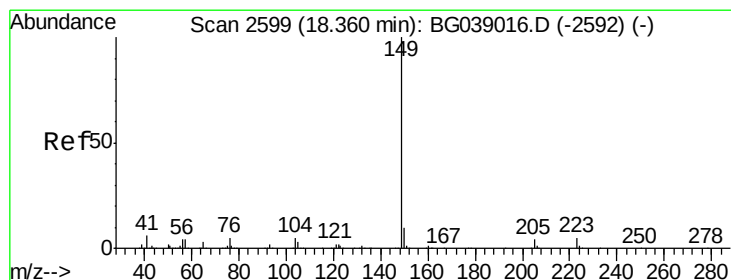
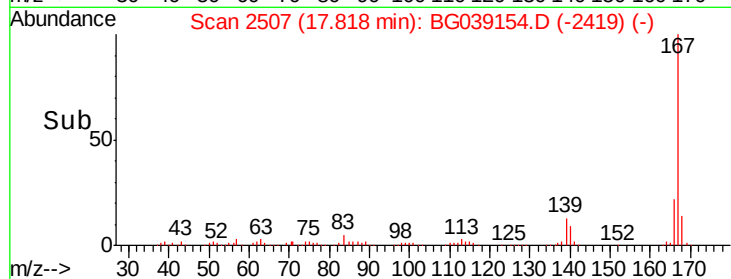
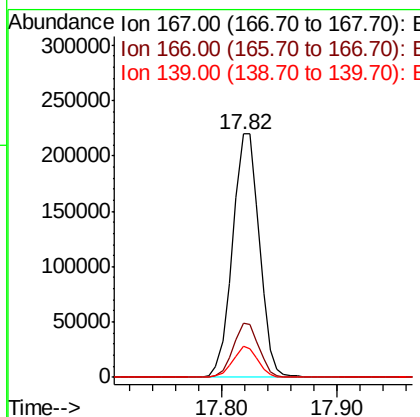
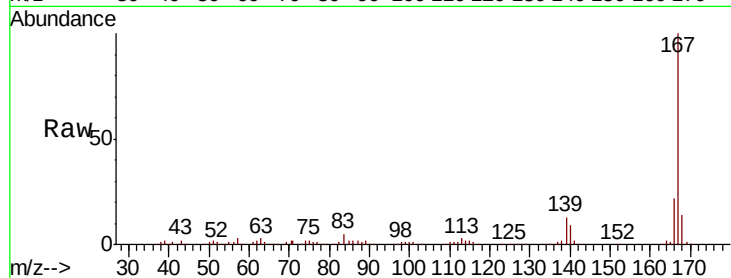
#73
 Carbazole
 Concen: 36.620 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB116382BS

Tot Ion:	167	Resp:	354091
Ion Ratio	Lower	Upper	
167	100		
166	22.1	16.9	25.3
139	12.7	10.0	15.0

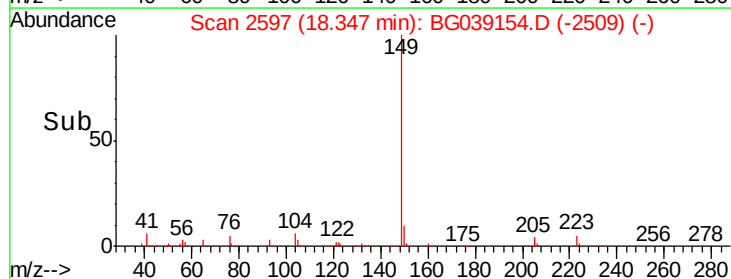
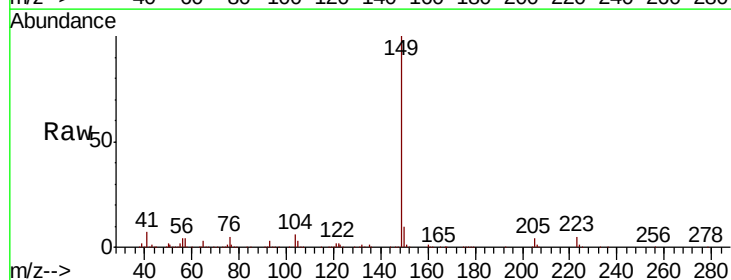
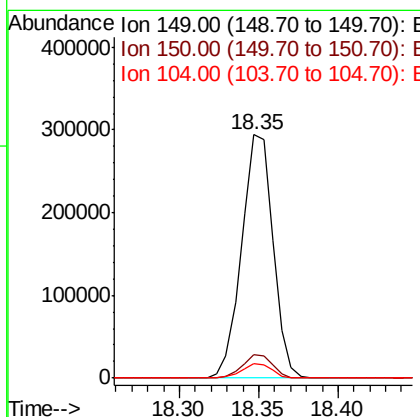
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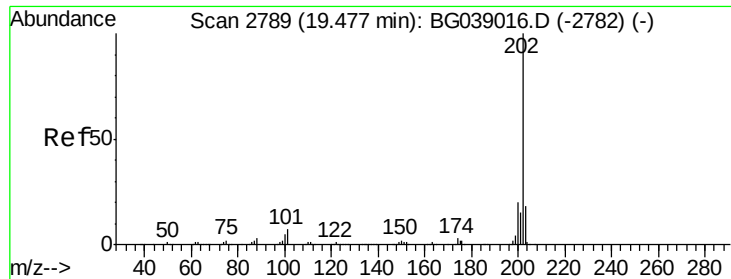
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#74
 Di-n-butylphthalate
 Concen: 37.582 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion:	149	Resp:	404262
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.9	11.9
104	6.0	4.2	6.2





#75

Fluoranthene

Concen: 44.617 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

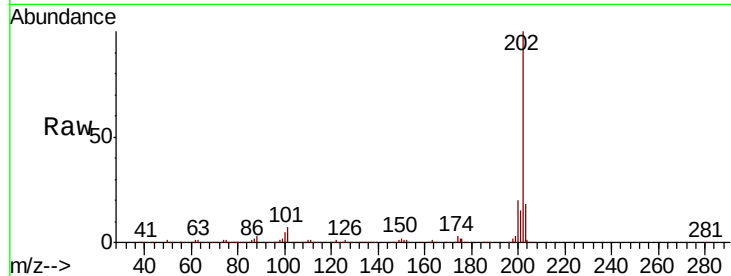
ClientSampleId :

PB116382BS

Tot Ion:	202	Resp:	547933
Ion Ratio	Lower	Upper	
202	100		
101	6.8	0.0	26.9
203	18.0	0.0	38.1

Manual Integrations
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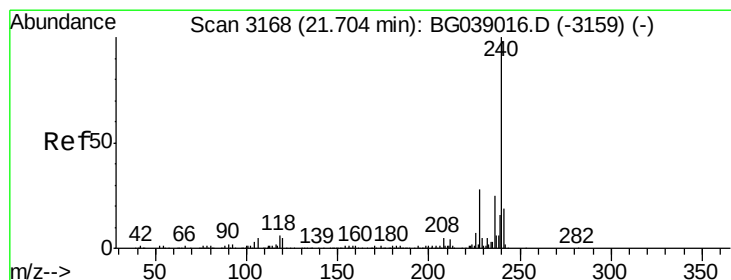
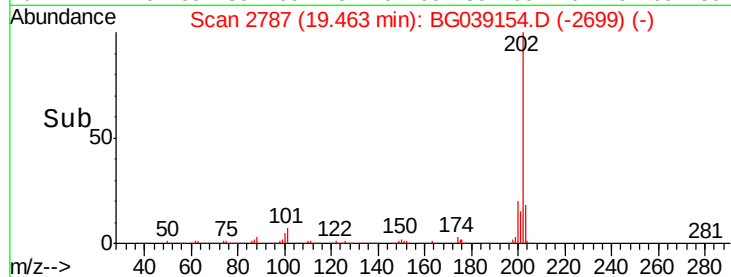
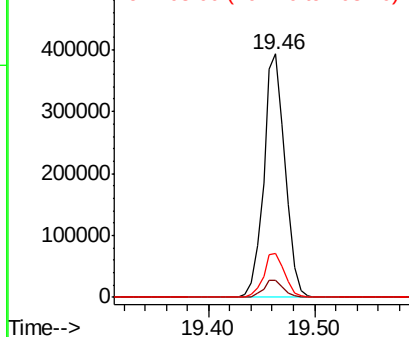


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

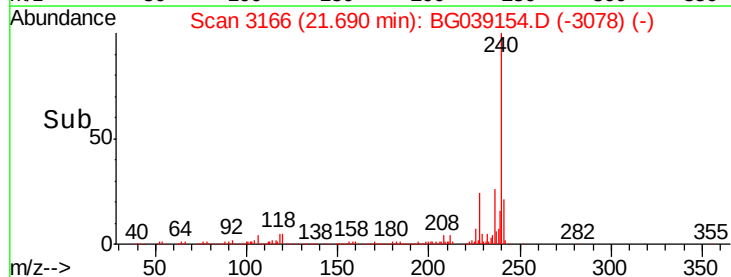
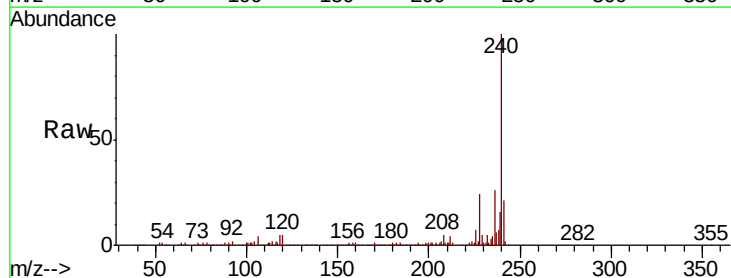
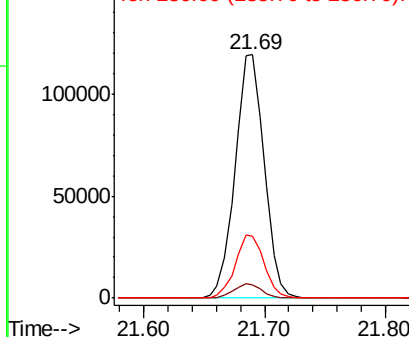
Tgt Ion:	240	Resp:	200965
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.3	6.5
236	25.6	20.1	30.1

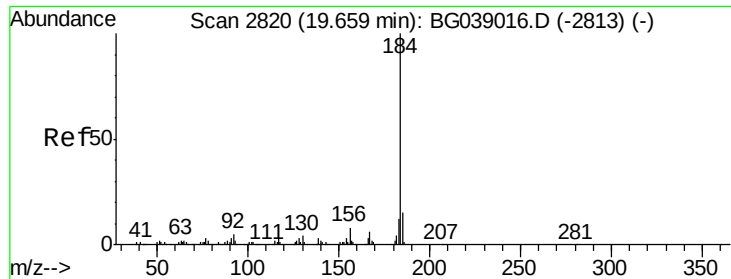
Abundance

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





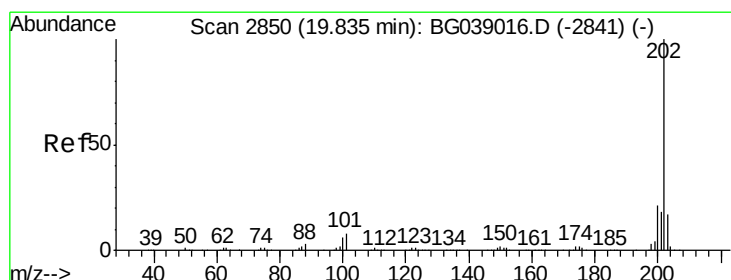
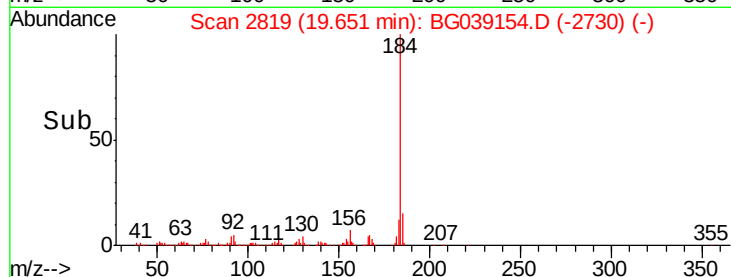
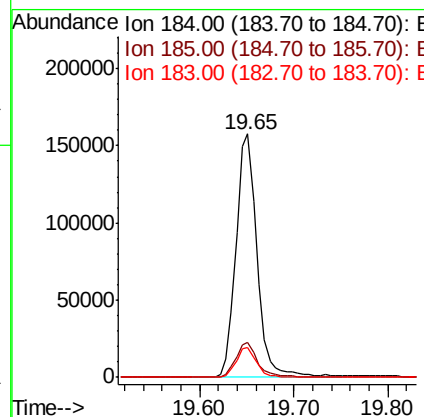
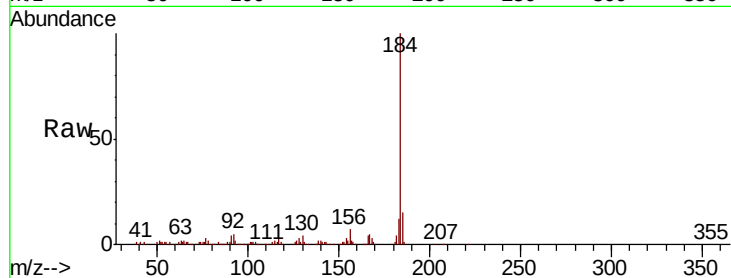
#77
Benzidine
Concen: 40.040 ng
RT: 19.65 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	246118		
185	14.6		12.1	18.1
183	12.0		9.5	14.3

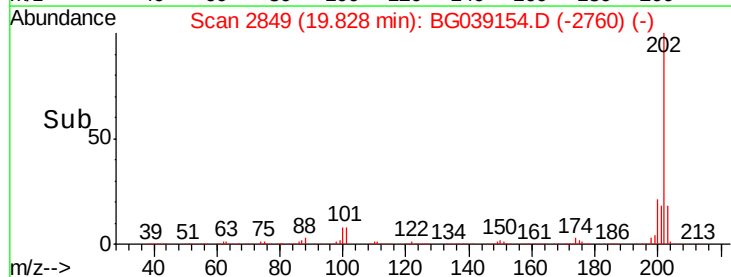
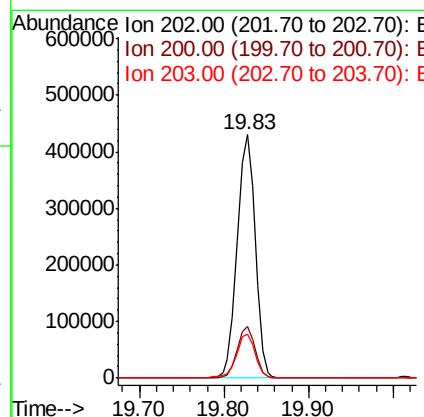
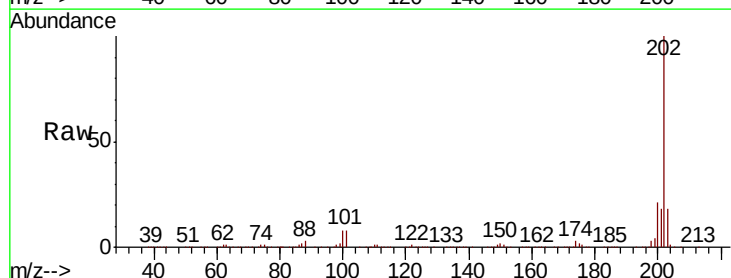
Manual Integrations
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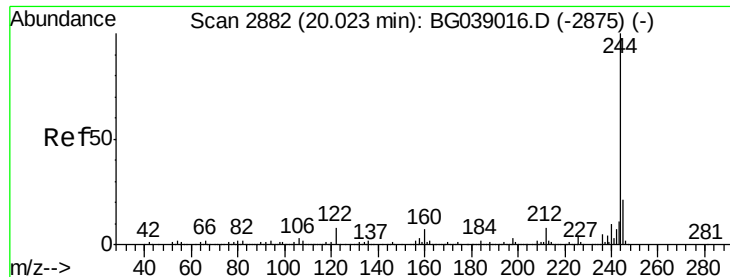
Sohil
1/17/2019 2:09:08 PM



#78
Pyrene
Concen: 48.983 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	627333		
200	21.3		17.0	25.6
203	18.1		14.0	21.0





#79

Terphenyl-d14

Concen: 84.438 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

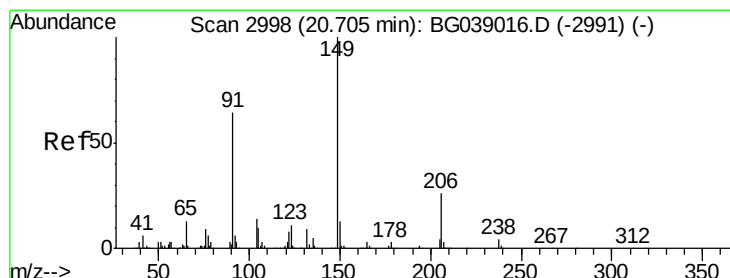
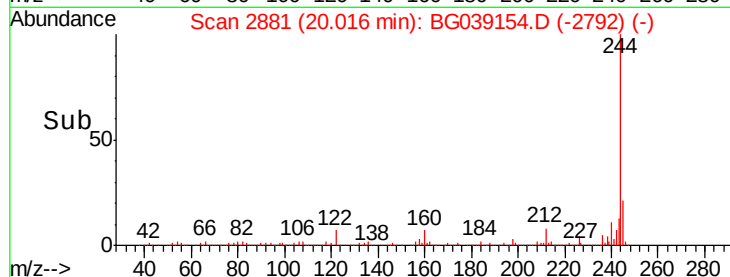
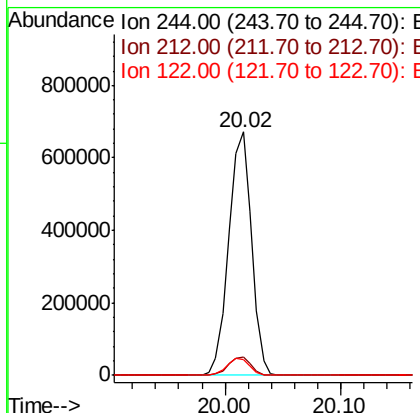
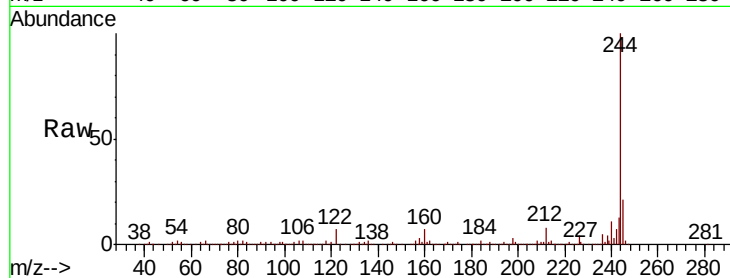
ClientSampleId :

PB116382BS

Tot Ion:	244	Resp:	917298
Ion Ratio		Lower	Upper
244	100		
212	7.8	6.1	9.1
122	6.7	6.1	9.1

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#80

Butylbenzylphthalate

Concen: 40.440 ng

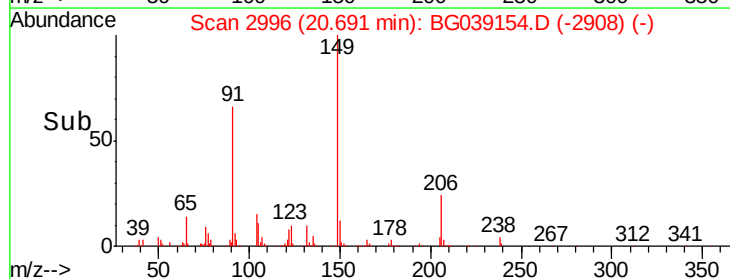
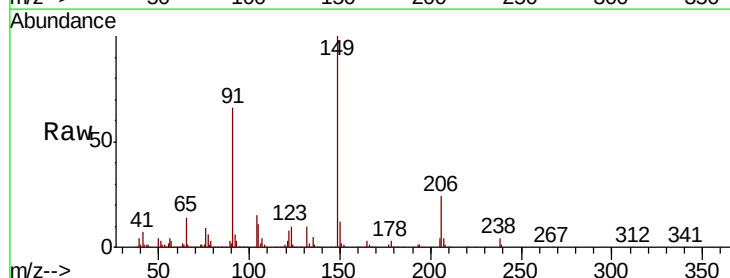
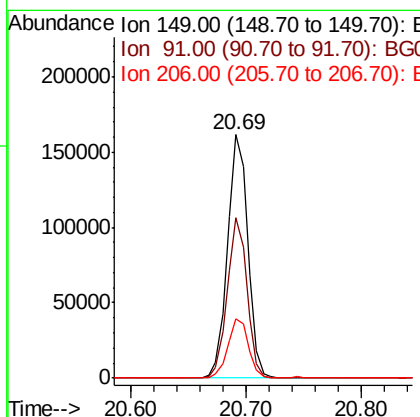
RT: 20.69 min Scan# 2996

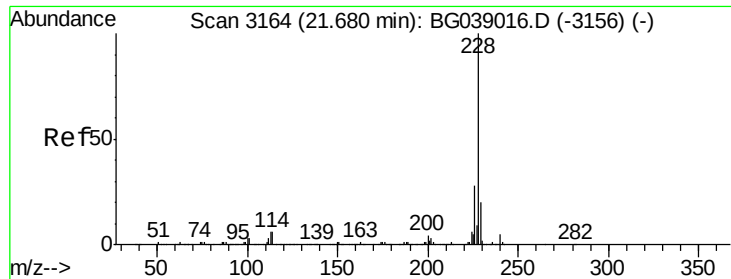
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	149	Resp:	196987
Ion Ratio		Lower	Upper
149	100		
91	65.9	51.4	77.0
206	24.4	20.4	30.6





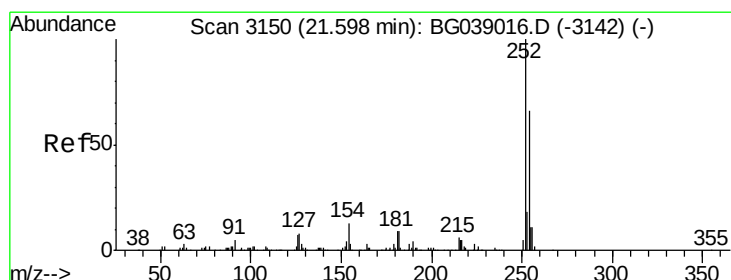
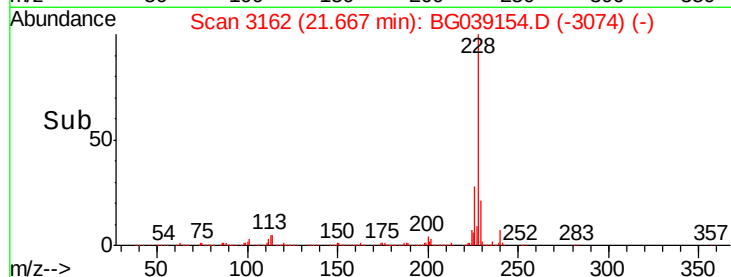
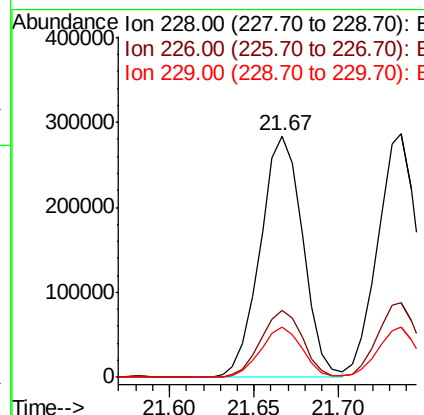
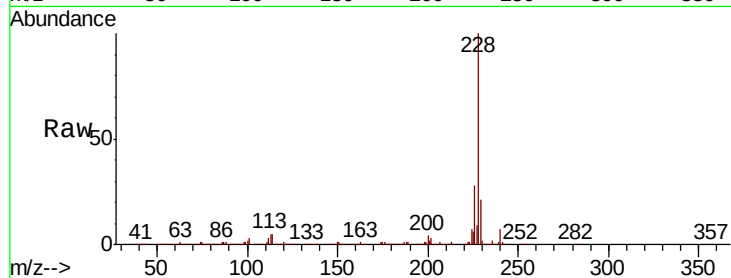
#81
Benzo(a)anthracene
Concen: 40.668 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.4	33.6
229	20.7	16.2	24.2

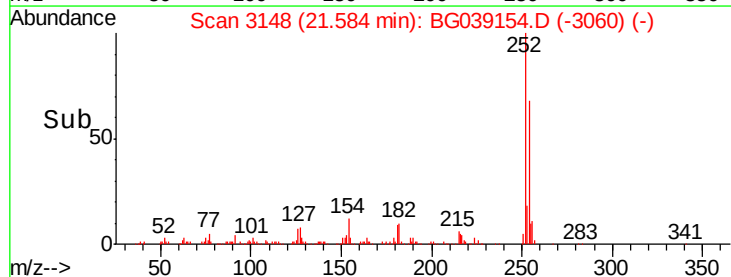
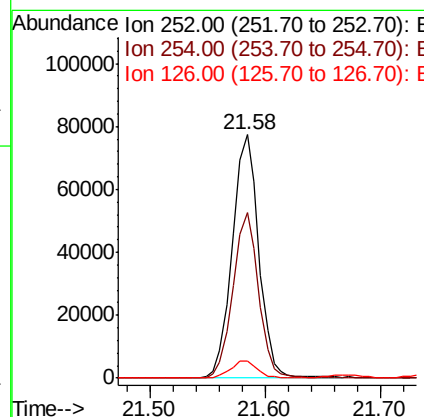
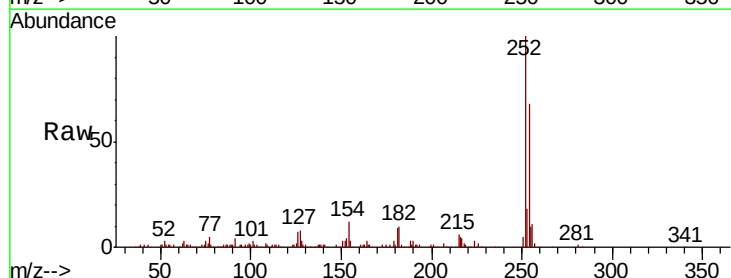
Manual Integrations
APPROVED

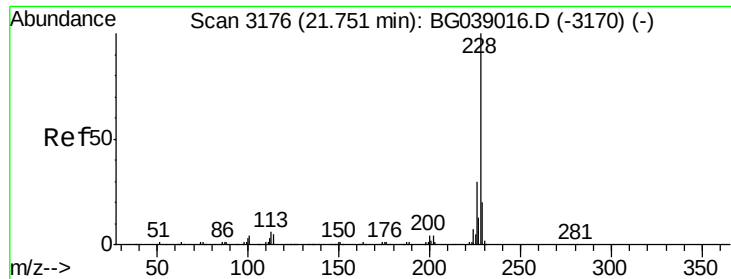
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 24.713 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.2	53.0	79.6
126	7.1	6.0	9.0





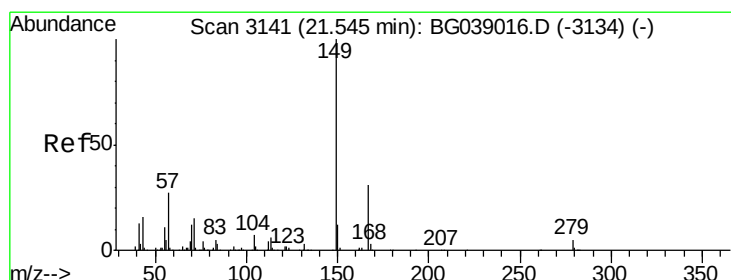
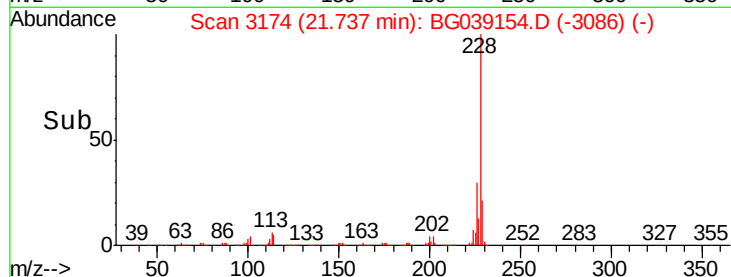
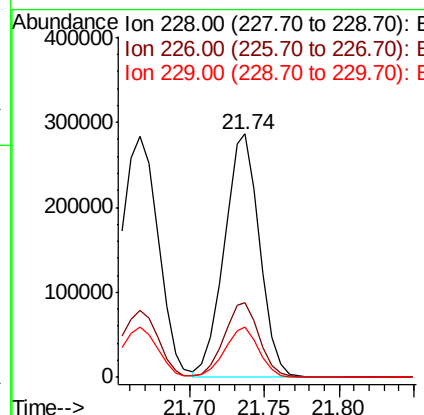
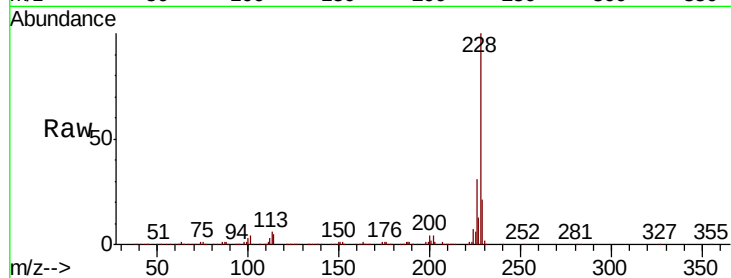
#83
Chrysene
Concen: 40.435 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	20.6	16.0	24.0

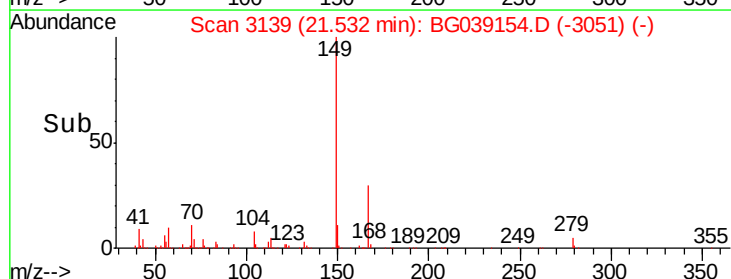
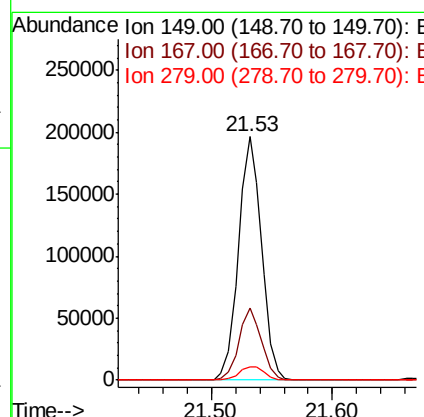
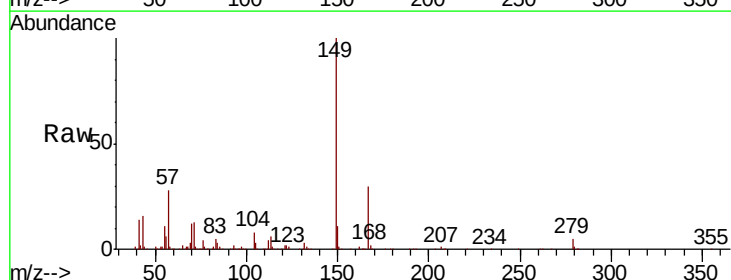
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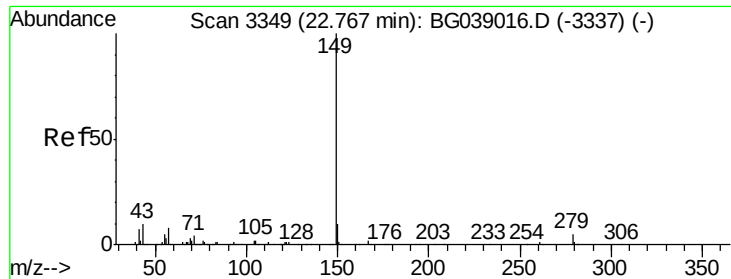
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.585 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	25.0	37.4
279	5.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 42.171 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

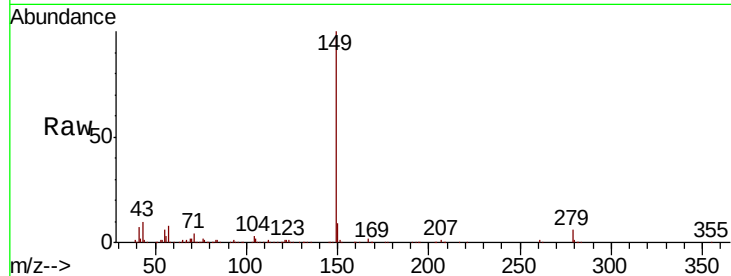
ClientSampleId :

PB116382BS

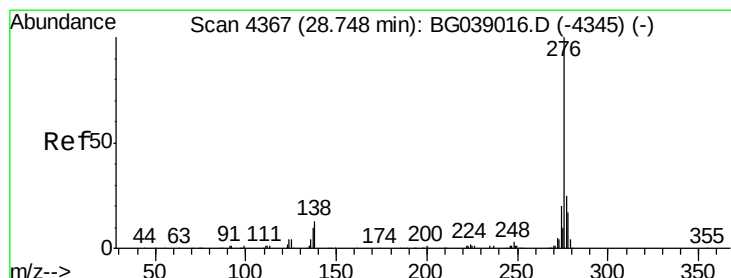
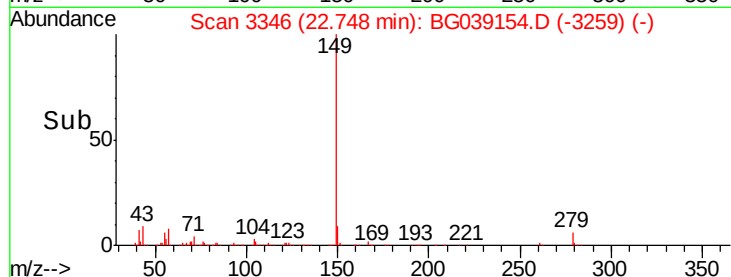
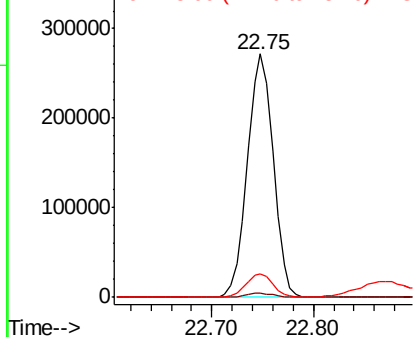
Tot Ion:	149	Resp:	482288
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	9.7	7.5	11.3

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.306 ng

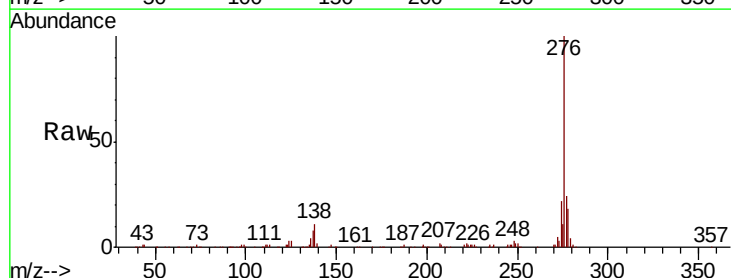
RT: 28.71 min Scan# 4361

Delta R.T. -0.04 min

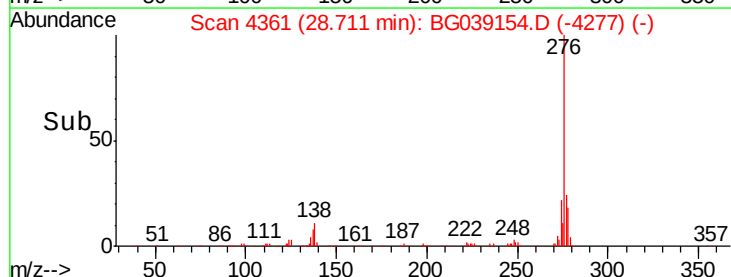
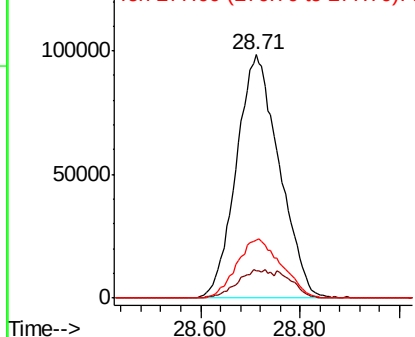
Lab File: BG039154.D

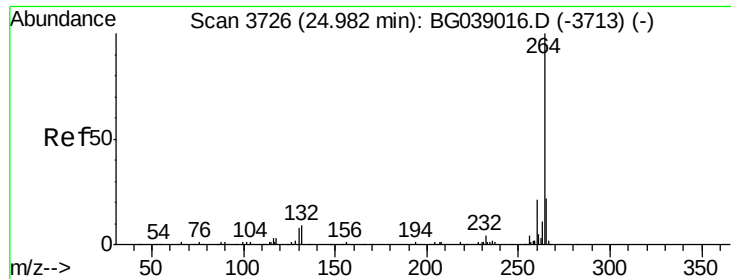
Acq: 16 Jan 2019 13:07

Tgt Ion:	276	Resp:	588179
Ion Ratio	Lower	Upper	
276	100		
138	9.2	8.0	12.0
277	25.5	20.3	30.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

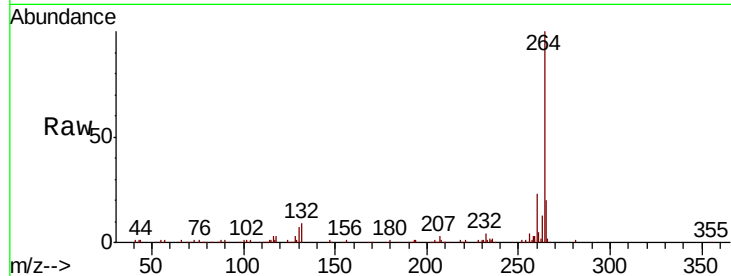
ClientSampled :

PB116382BS

Tot Ion:	264	Resp:	221180
Ion Ratio	Lower	Upper	
264	100		
260	22.7	17.0	25.6
265	20.2	17.2	25.8

Manual Integrations
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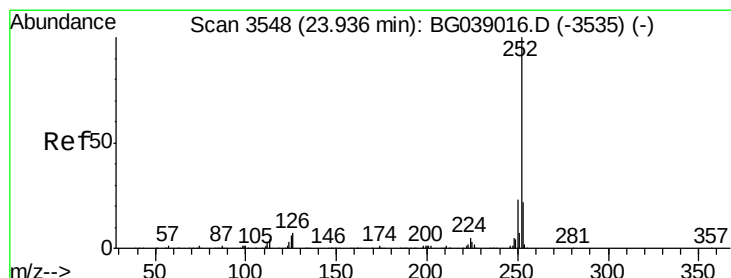
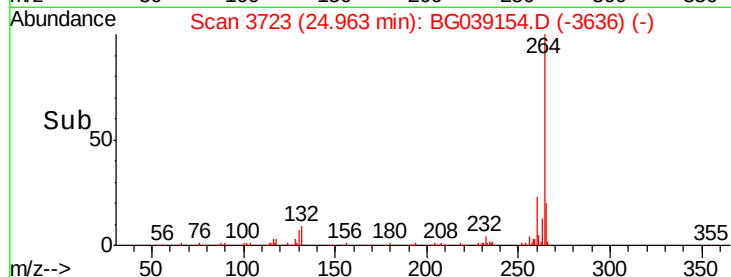
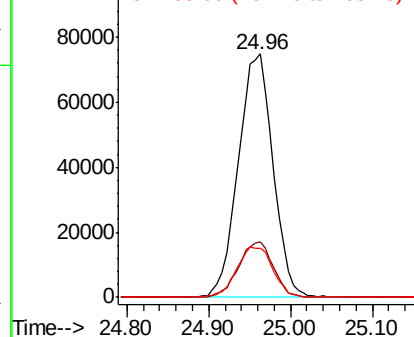


Abundance

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: 48.262 ng

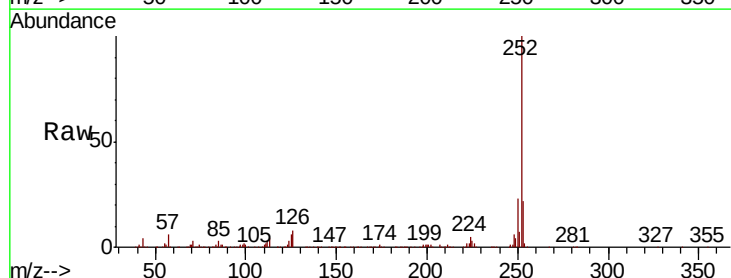
RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	252	Resp:	588596
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	6.0	4.9	7.3

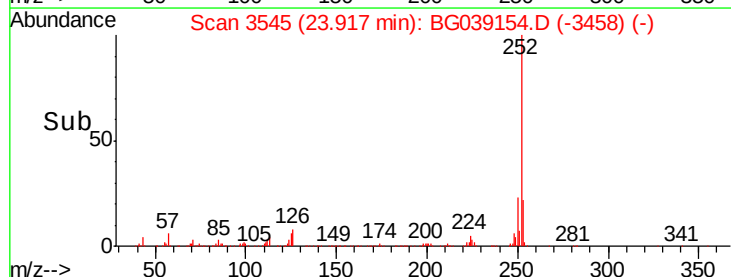
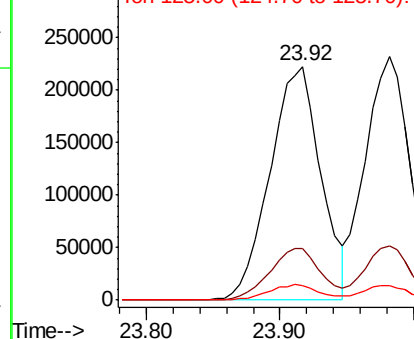


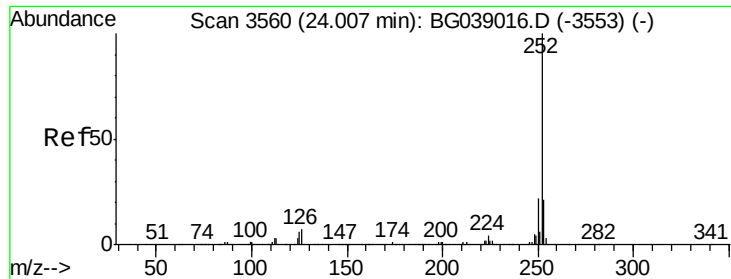
Abundance

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





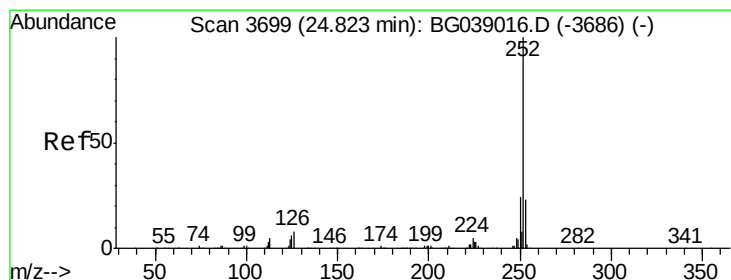
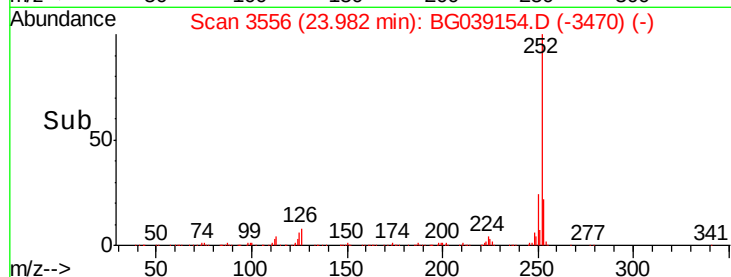
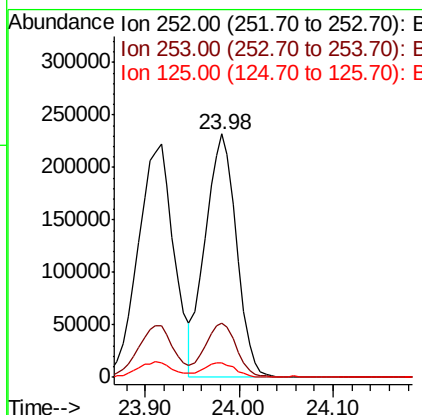
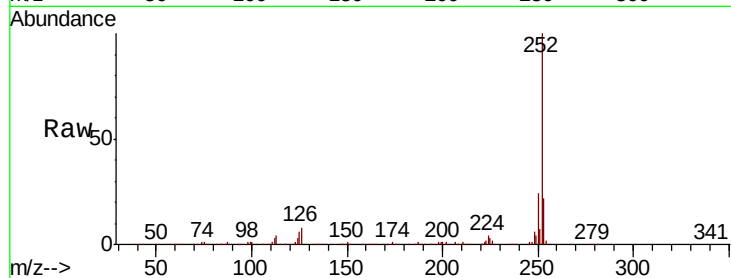
#89
Benzo(k)fluoranthene
Concen: 44.492 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.03 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	5.8	4.6	7.0

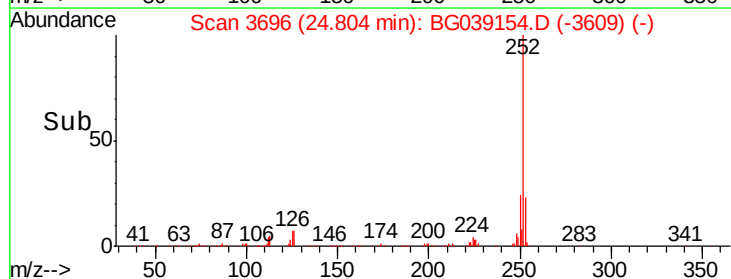
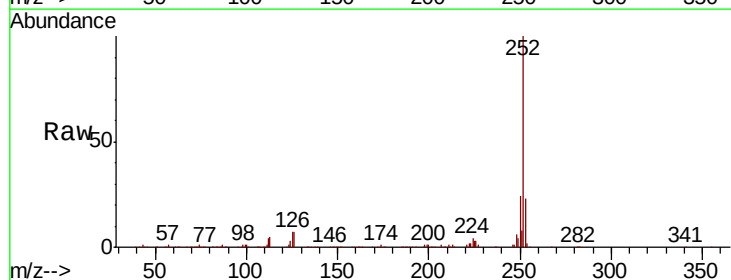
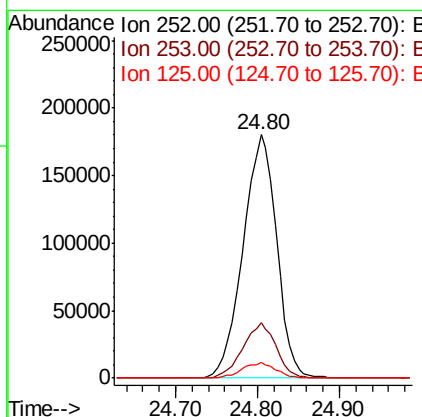
Manual Integrations
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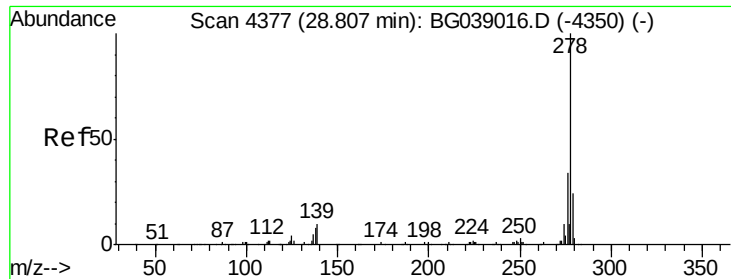
Sohil
1/17/2019 2:09:08 PM



#90
Benzo(a)pyrene
Concen: 43.689 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	6.5	4.9	7.3





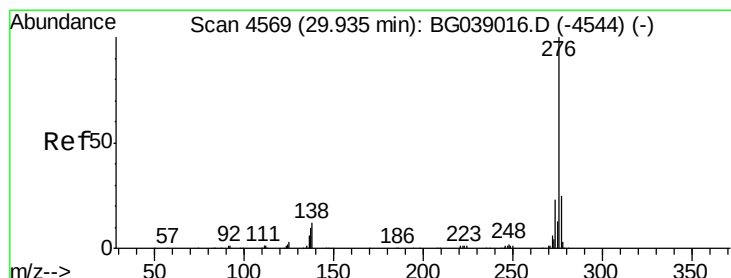
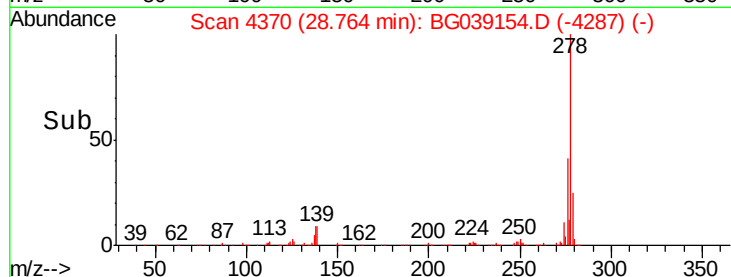
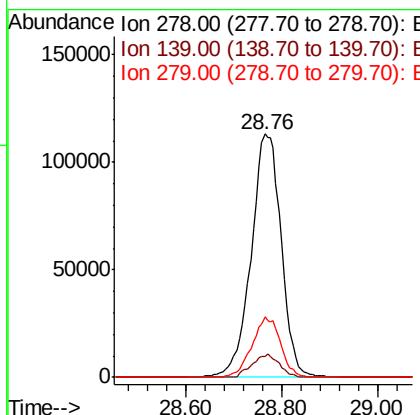
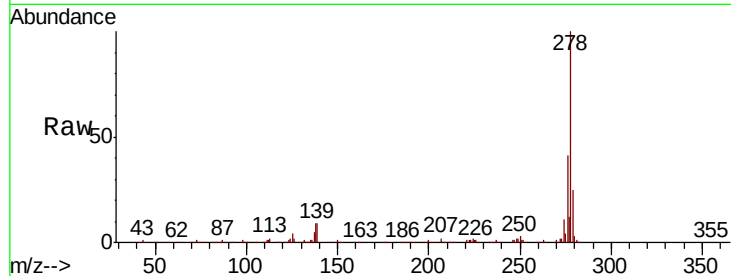
#91
Dibenzo(a,h)anthracene
Concen: 41.932 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.04 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :
PB116382BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.9	11.9
279	24.6	19.3	28.9

Manual Integrations
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1/17/2019 2:09:08 PM



#92
Benzo(g,h,i)perylene
Concen: 41.462 ng
RT: 29.89 min Scan# 4562
Delta R.T. -0.04 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	11.1	9.4	14.2

