

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061418\
 Data File : BG035159.D
 Acq On : 15 Jun 2018 5:31
 Operator : SJ/JU
 Sample : J3246-0MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Quant Time: Jun 15 07:25:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	48310	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	197804	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	148680	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	395685	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	412064	20.00	ng	-0.01
86) Perylene-d12	24.93	264	408896	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	229208	80.07	ng	0.00
7) Phenol-d6	7.22	99	354149	83.82	ng	0.00
23) Nitrobenzene-d5	9.23	82	462522	111.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	199980	105.07	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	1051487	91.94	ng	-0.01
78) Terphenyl-d14	20.04	244	1885096	95.83	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	39304	28.777	ng	# 74
3) Pyridine	3.95	79	125797	34.136	ng	# 75
4) n-Nitrosodimethylamine	3.86	42	55306	34.933	ng	# 79
6) Aniline	7.39	93	84644	15.499	ng	96
8) 2-Chlorophenol	7.63	128	79348	26.444	ng	93
9) Benzaldehyde	7.20	77	108710	33.403	ng	95
10) Phenol	7.25	94	121943	27.889	ng	96
11) bis(2-Chloroethyl)ether	7.48	93	143525	42.291	ng	90
12) 1,3-Dichlorobenzene	7.95	146	150814	42.124	ng	97
13) 1,4-Dichlorobenzene	8.10	146	155752	42.143	ng	91
14) 1,2-Dichlorobenzene	8.42	146	150155	43.253	ng	98
15) Benzyl Alcohol	8.30	79	174425	43.568	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	162126	47.998	ng	77
17) 2-Methylphenol	8.50	107	95568	33.152	ng	# 94
18) Hexachloroethane	9.14	117	57482	43.444	ng	98
19) n-Nitroso-di-n-propylamine	8.87	70	141227	39.344	ng	# 83
20) 3+4-Methylphenols	8.82	107	131407	31.802	ng	98
22) Acetophenone	8.89	105	252614	41.227	ng	# 93
24) Nitrobenzene	9.27	77	207589	48.716	ng	99
25) Isophorone	9.79	82	410464	46.719	ng	99
26) 2-Nitrophenol	9.98	139	46615	31.737	ng	# 90
27) 2,4-Dimethylphenol	10.03	122	119381	38.668	ng	95
28) bis(2-Chloroethoxy)methane	10.27	93	217171	45.998	ng	98
29) 2,4-Dichlorophenol	10.51	162	102384	30.478	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	179219	44.492	ng	97
31) Naphthalene	10.92	128	470957	45.832	ng	97
32) Benzoic acid	10.13	122	26474	12.802	ng	# 82
33) 4-Chloroaniline	11.02	127	23898	5.356	ng	# 89
34) Hexachlorobutadiene	11.21	225	134370	42.892	ng	95
35) Caprolactam	11.79	113	45285	36.476	ng	# 68
36) 4-Chloro-3-methylphenol	12.14	107	146777	35.051	ng	98
37) 2-Methylnaphthalene	12.52	142	376817	48.368	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	253219	45.724	ng	99
40) Hexachlorocyclopentadiene	12.86	237	316251	91.064	ng	92

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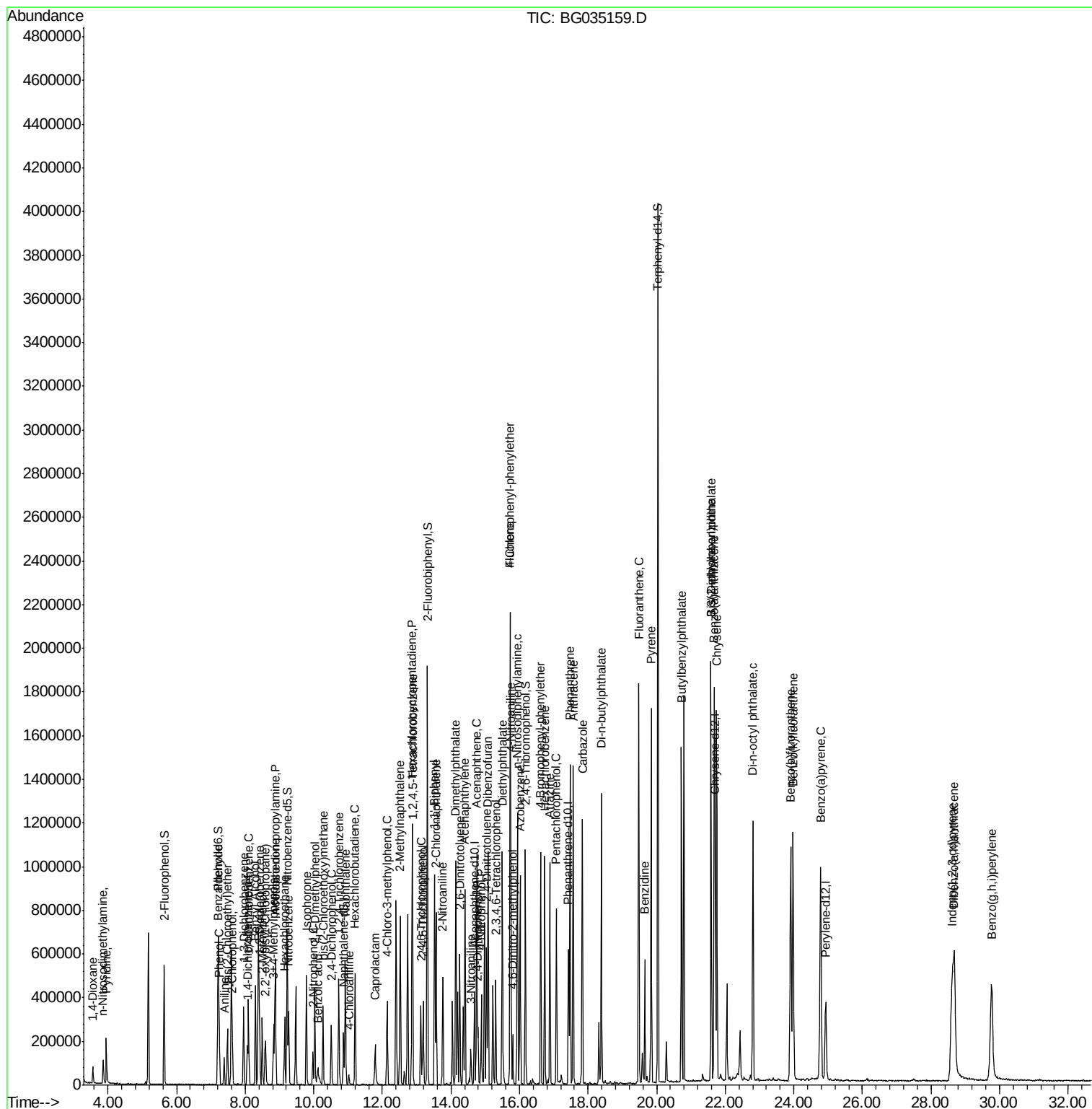
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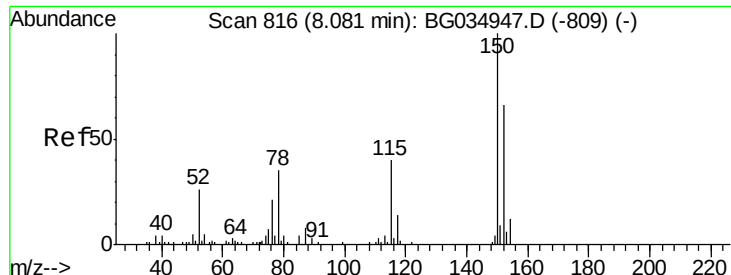
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	98543	29.717	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	114547	31.472	ng	92
45) 1,1'-Biphenyl	13.52	154	510795	42.725	ng	97
46) 2-Chloronaphthalene	13.57	162	407692	45.104	ng	99
47) 2-Nitroaniline	13.76	65	146655	54.945	ng	92
48) Acenaphthylene	14.41	152	690543	45.561	ng	96
49) Dimethylphthalate	14.14	163	665767	51.350	ng	98
50) 2,6-Dinitrotoluene	14.26	165	133352	56.378	ng #	91
51) Acenaphthene	14.75	154	451499	45.593	ng	98
52) 3-Nitroaniline	14.58	138	38355	16.525	ng #	89
53) 2,4-Dinitrophenol	14.78	184	65227	68.139	ng #	64
54) Dibenzofuran	15.08	168	683799	46.105	ng	94
55) 4-Nitrophenol	14.88	139	97834	49.945	ng #	83
56) 2,4-Dinitrotoluene	15.04	165	190000	60.470	ng #	89
57) Fluorene	15.73	166	564328	45.528	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.31	232	108027	30.553	ng	96
59) Diethylphthalate	15.50	149	585116	44.233	ng	97
60) 4-Chlorophenyl-phenylether	15.72	204	322785	45.668	ng	96
61) 4-Nitroaniline	15.75	138	130099	52.267	ng #	85
62) Azobenzene	16.02	77	576444	44.470	ng	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	54473	30.153	ng	84
65) n-Nitrosodiphenylamine	15.94	169	510134	42.930	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	222604	46.716	ng	97
67) Hexachlorobenzene	16.73	284	224125	46.212	ng	95
68) Atrazine	16.89	200	231350	45.655	ng	97
69) Pentachlorophenol	17.08	266	150391	46.114	ng	98
70) Phenanthrene	17.47	178	912604	45.403	ng	97
71) Anthracene	17.56	178	927019	46.043	ng	97
72) Carbazole	17.83	167	849557	45.477	ng	98
73) Di-n-butylphthalate	18.39	149	953964	42.844	ng #	99
74) Fluoranthene	19.48	202	1171646	44.796	ng	97
76) Benzidine	19.65	184	323148	21.079	ng	98
77) Pyrene	19.84	202	1160728	42.729	ng	96
79) Butylbenzylphthalate	20.72	149	445156	45.129	ng	97
80) Benzo(a)anthracene	21.68	228	1198424	45.512	ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	177769	17.944	ng	98
82) Chrysene	21.75	228	1105159	45.840	ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	615085	44.130	ng	100
84) Di-n-octyl phthalate	22.81	149	1063854	44.490	ng #	93
85) Indeno(1,2,3-cd)pyrene	28.61	276	1248349	44.211	ng #	89
87) Benzo(b)fluoranthene	23.91	252	1189187	47.226	ng #	97
88) Benzo(k)fluoranthene	23.98	252	1118956	45.427	ng #	95
89) Benzo(a)pyrene	24.78	252	1129226	47.658	ng #	95
90) Dibenzo(a,h)anthracene	28.68	278	991590	42.393	ng #	97
91) Benzo(g,h,i)perylene	29.77	276	1012235	44.220	ng #	95

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

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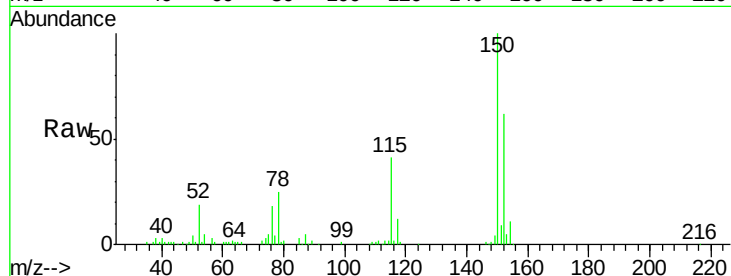


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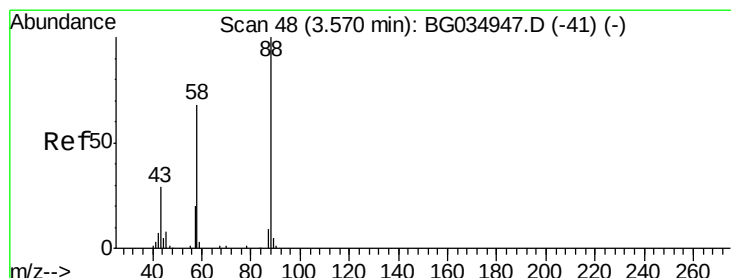
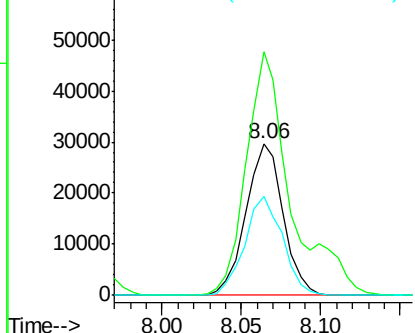
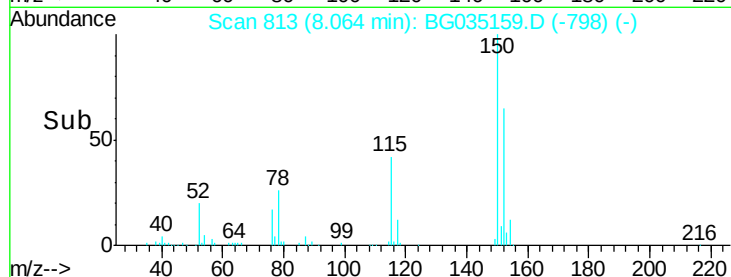
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
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OK-02-061218MSD

Tgt Ion:152 Resp: 48310
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 65.1 53.0 79.4



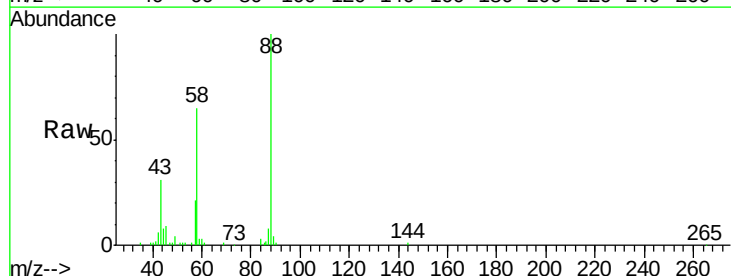
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



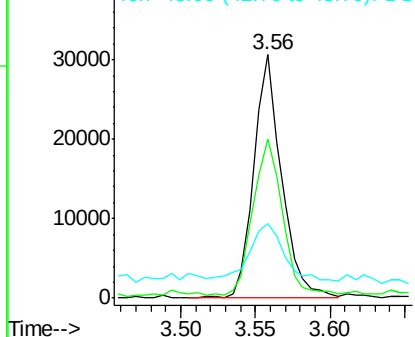
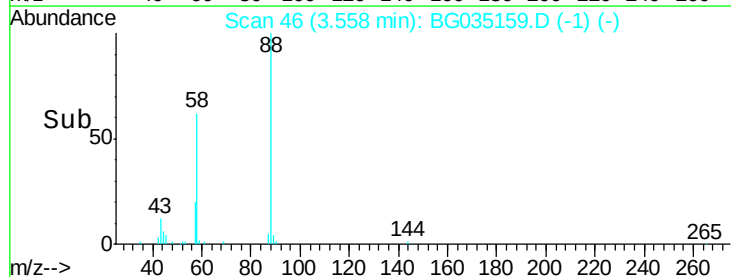
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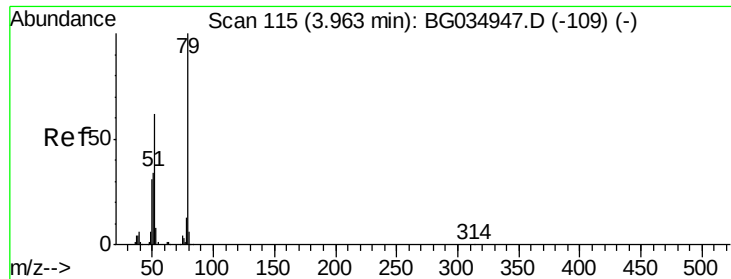
1,4-Dioxane
Concen: 28.777 ng
RT: 3.56 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion: 88 Resp: 39304
Ion Ratio Lower Upper
88 100
58 67.8 79.6 119.4#
43 29.2 27.4 41.0



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

Pyridine

Concen: 34.136 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

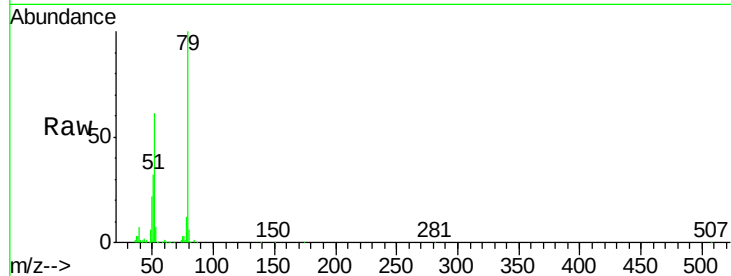
Tgt Ion: 79 Resp: 125797

Ion Ratio Lower Upper

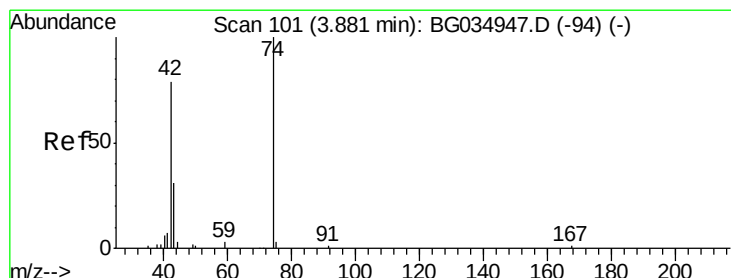
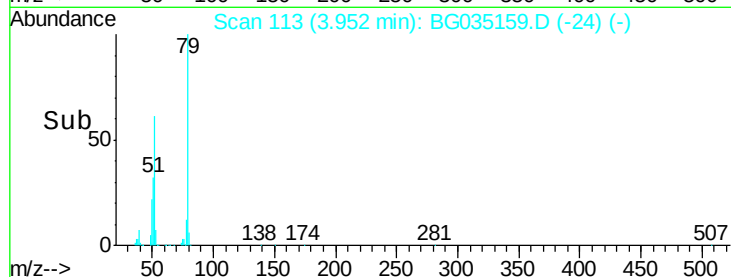
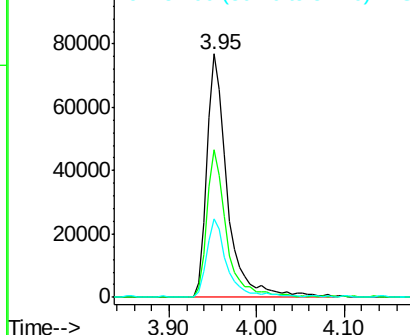
79 100

52 60.6 69.9 104.9#

51 32.2 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.933 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

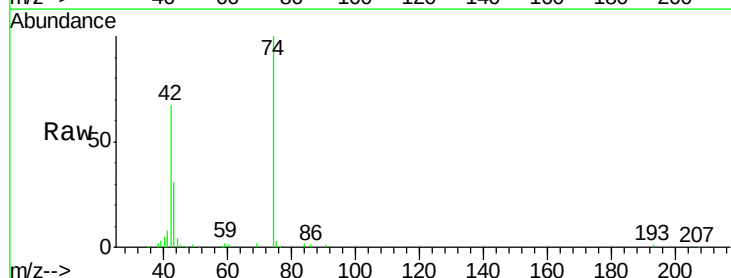
Tgt Ion: 42 Resp: 55306

Ion Ratio Lower Upper

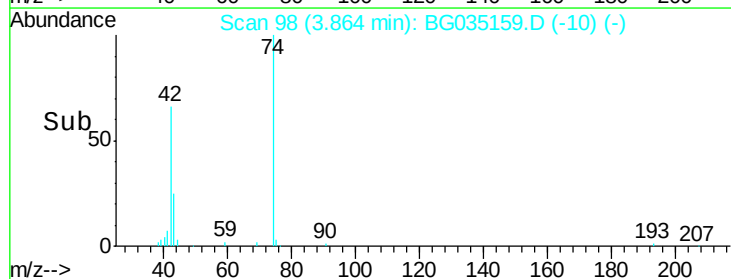
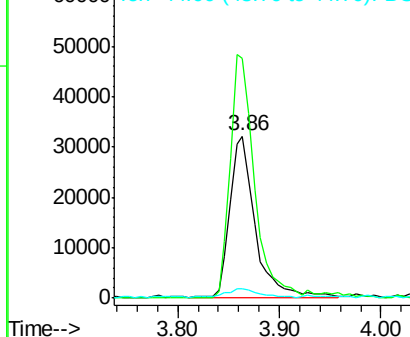
42 100

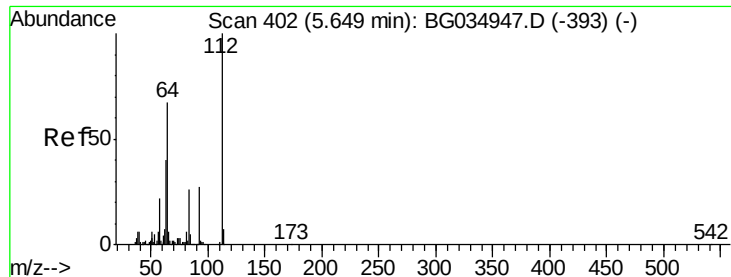
74 148.4 102.5 153.7

44 5.8 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.069 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035159.D

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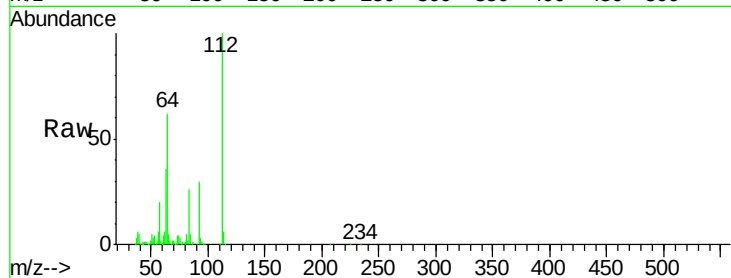
Tgt Ion: 112 Resp: 229208

Ion Ratio Lower Upper

112 100

64 61.9 56.3 84.5

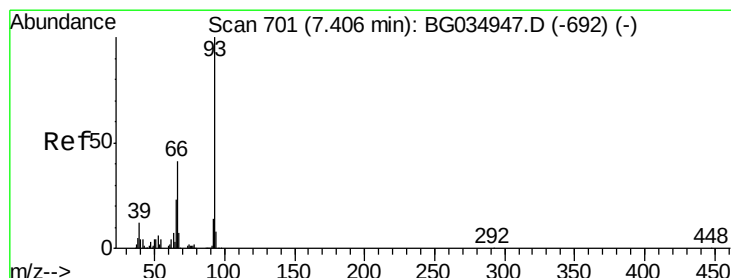
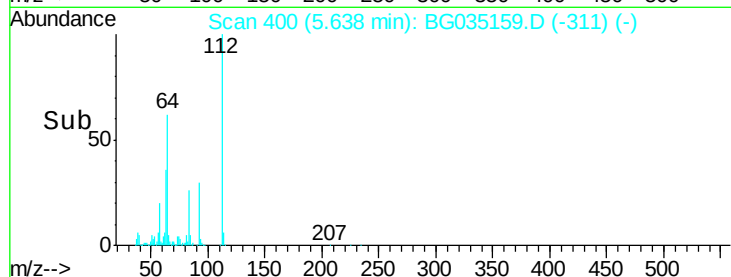
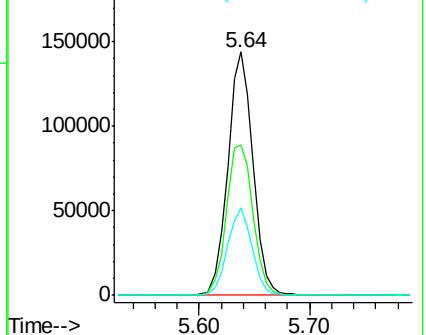
63 36.0 30.1 45.1



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: 15.499 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

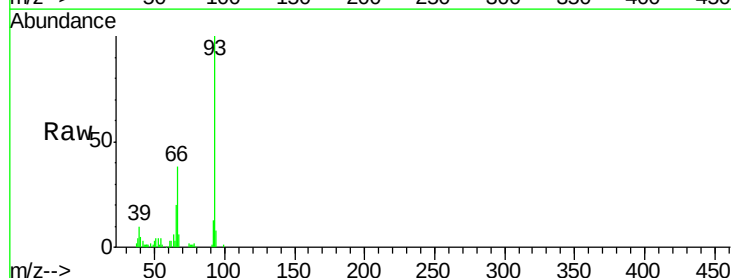
Tgt Ion: 93 Resp: 84644

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

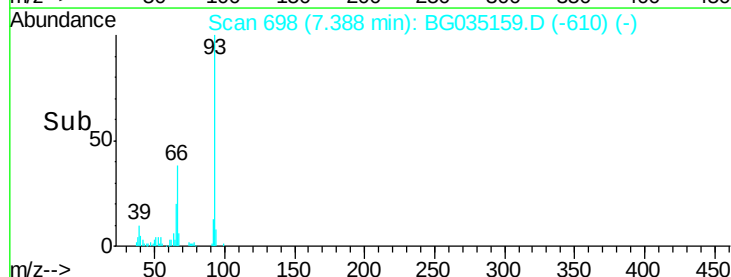
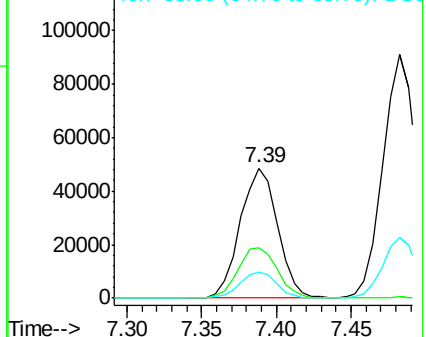
65 20.5 16.1 24.1

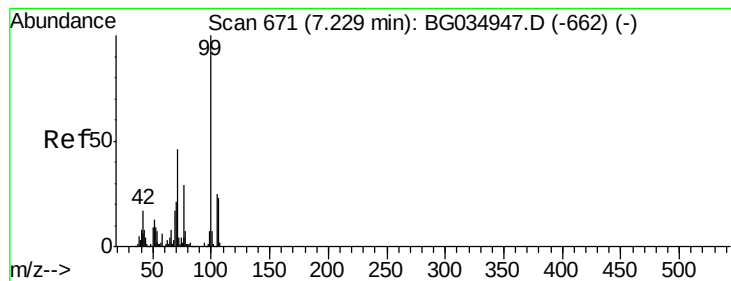


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.821 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

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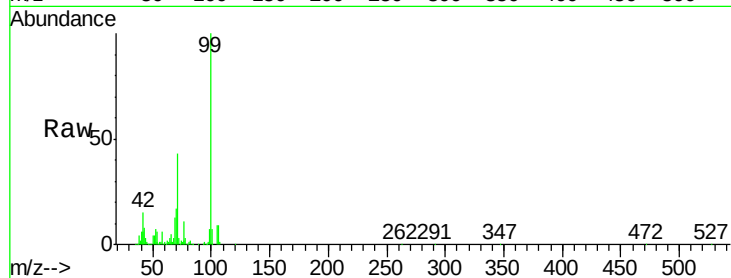
Tgt Ion: 99 Resp: 354149

Ion Ratio Lower Upper

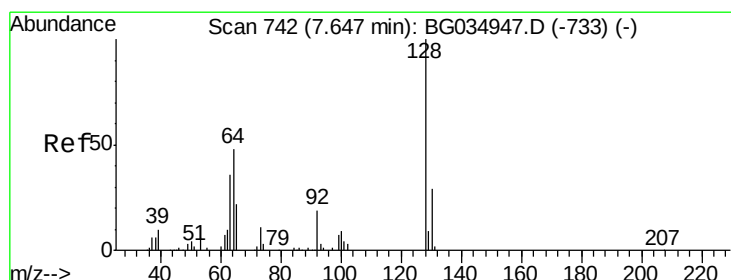
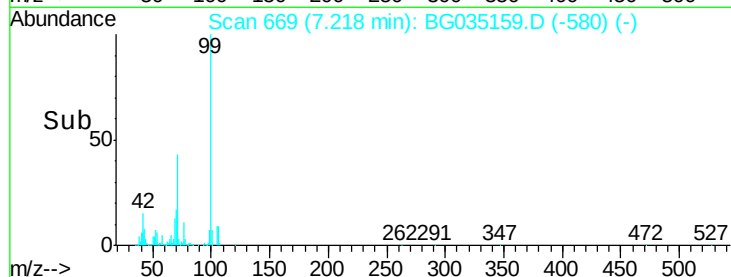
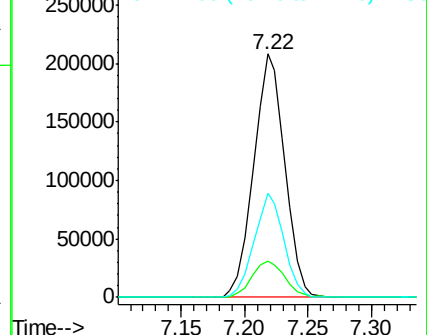
99 100

42 15.1 14.1 21.1

71 42.6 26.1 39.1#



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: 26.444 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

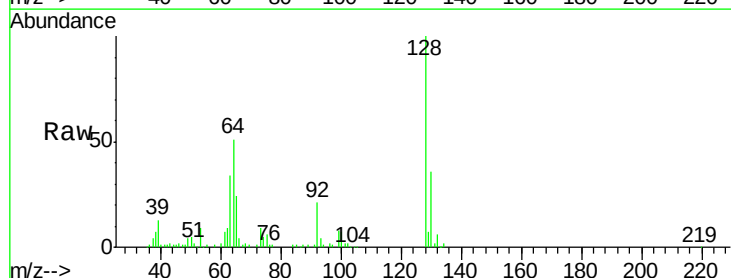
Tgt Ion: 128 Resp: 79348

Ion Ratio Lower Upper

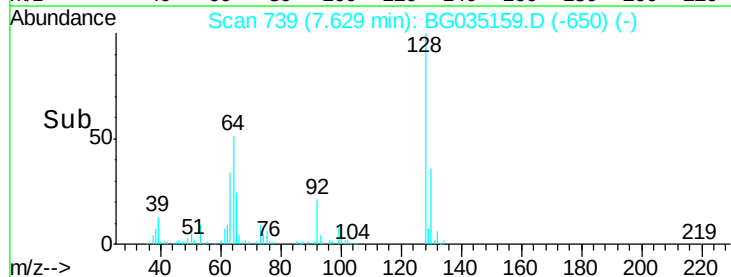
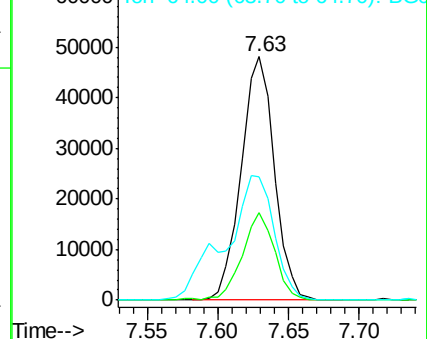
128 100

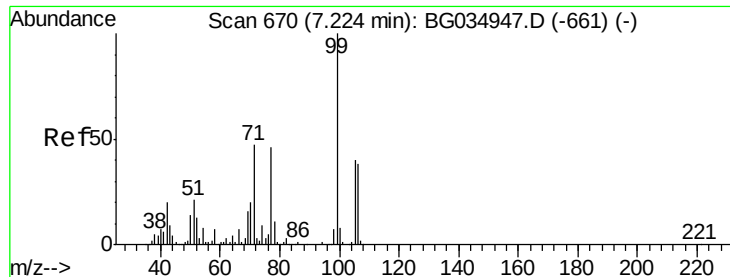
130 35.7 14.0 54.0

64 50.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 33.403 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

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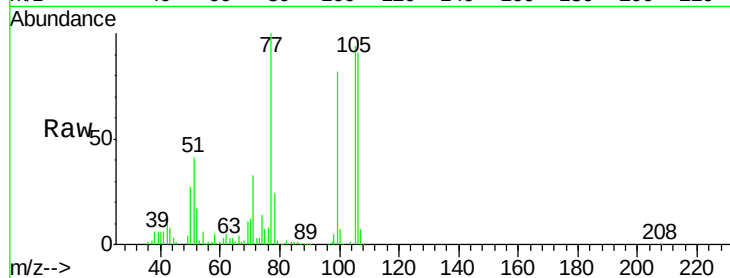
Tgt Ion: 77 Resp: 108710

Ion Ratio Lower Upper

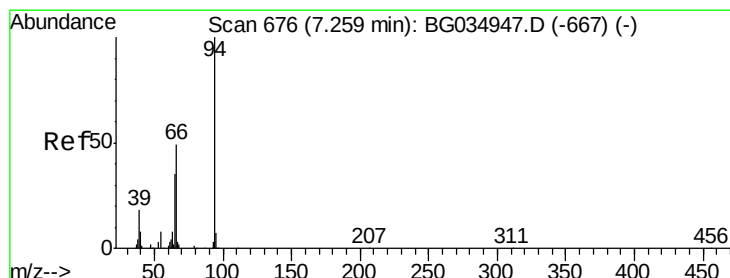
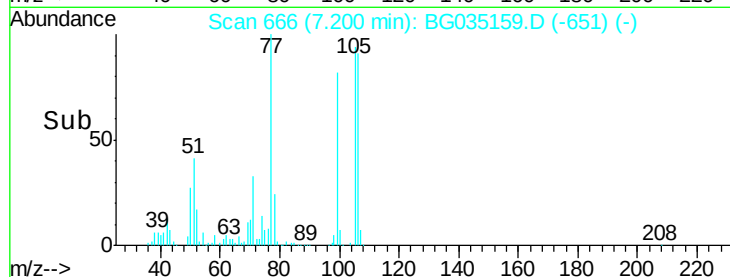
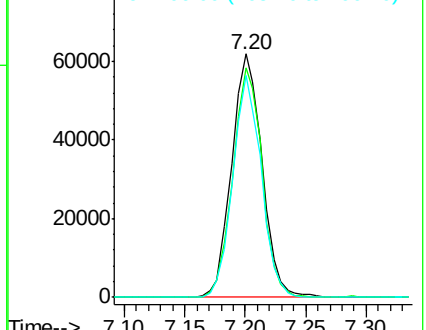
77 100

105 94.3 71.3 111.3

106 91.1 64.2 104.2



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



#10

Phenol

Concen: 27.889 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

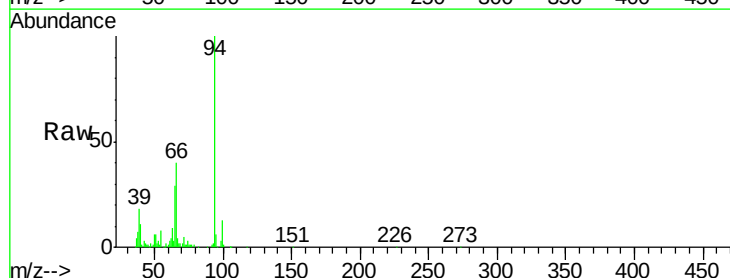
Tgt Ion: 94 Resp: 121943

Ion Ratio Lower Upper

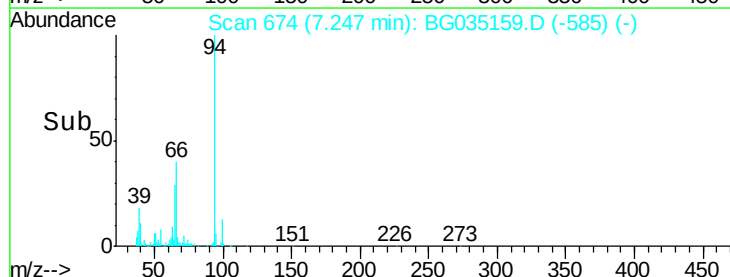
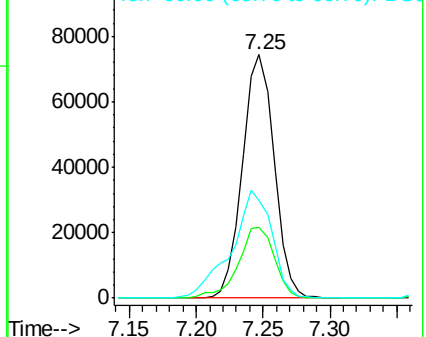
94 100

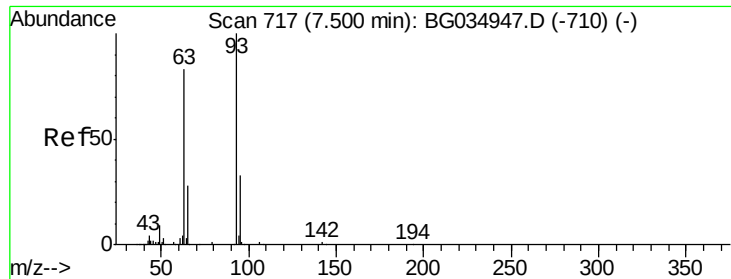
65 29.3 11.9 51.9

66 40.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

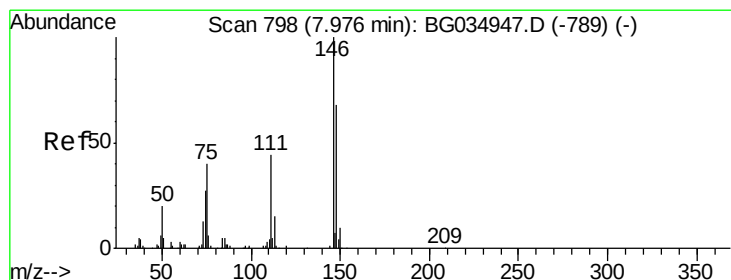
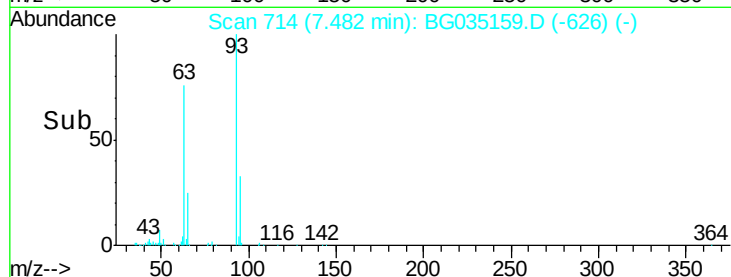
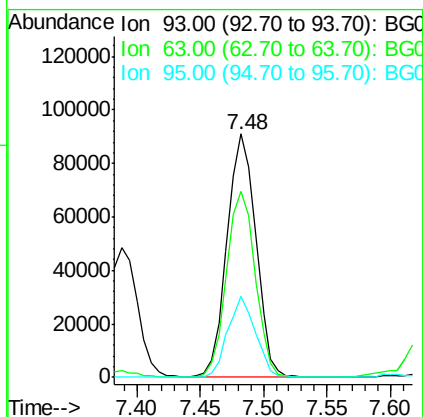
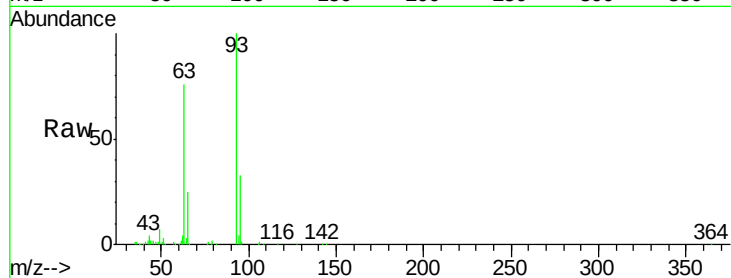




#11
bis(2-Chloroethyl)ether
Concen: 42.291 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

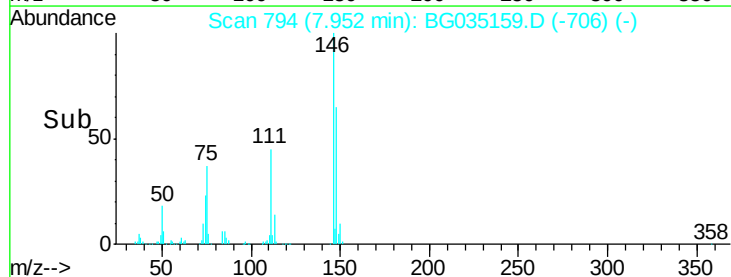
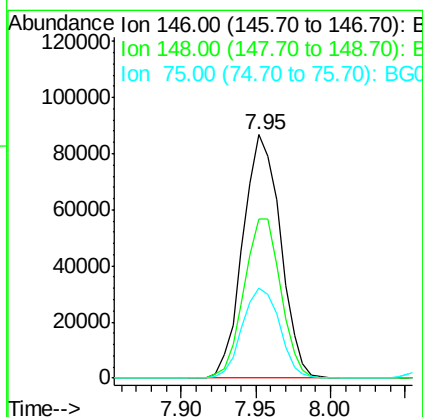
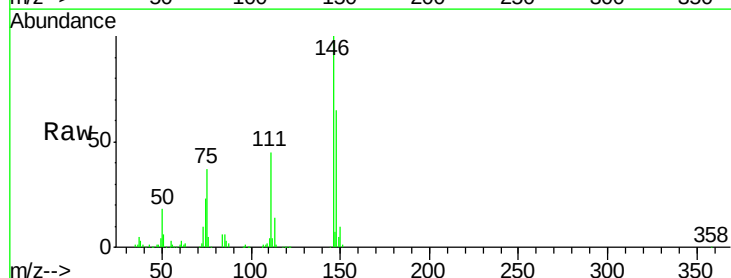
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

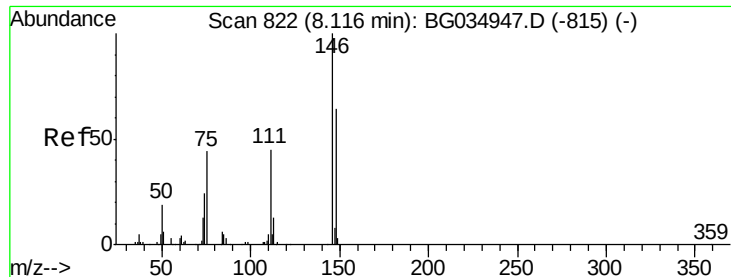
Tgt Ion: 93 Resp: 143525
Ion Ratio Lower Upper
93 100
63 76.1 67.1 107.1
95 33.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 42.124 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion: 146 Resp: 150814
Ion Ratio Lower Upper
146 100
148 65.4 51.4 77.2
75 36.8 26.6 39.8

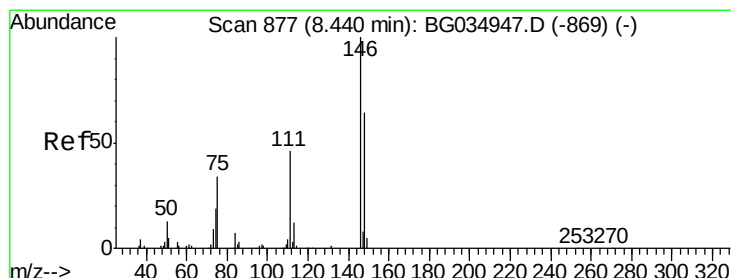
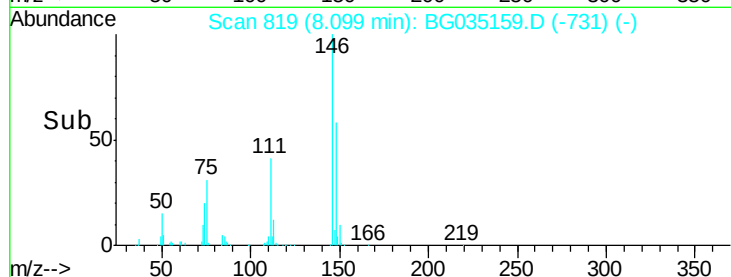
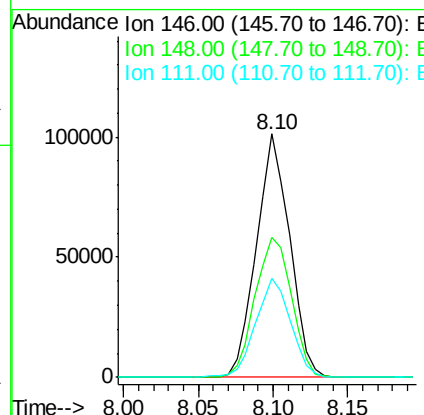
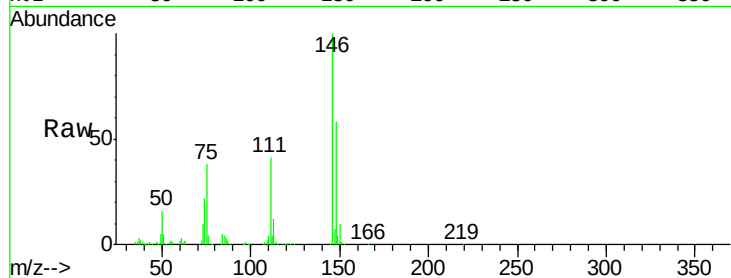




#13
 1,4-Dichlorobenzene
 Concen: 42.143 ng
 RT: 8.10 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

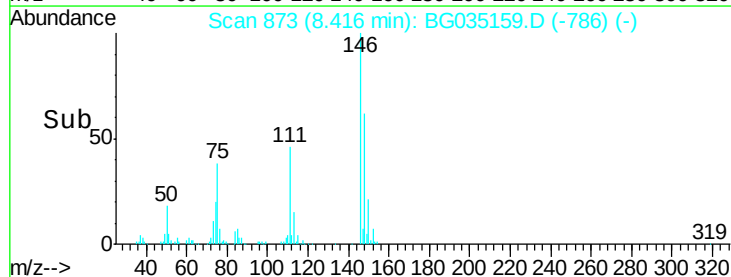
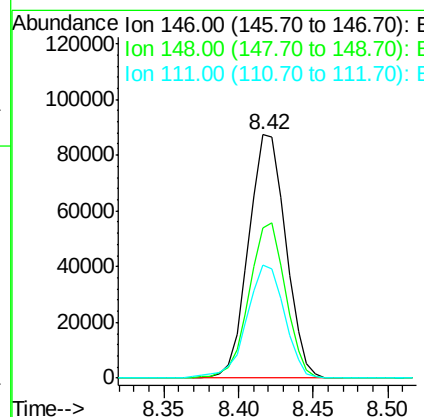
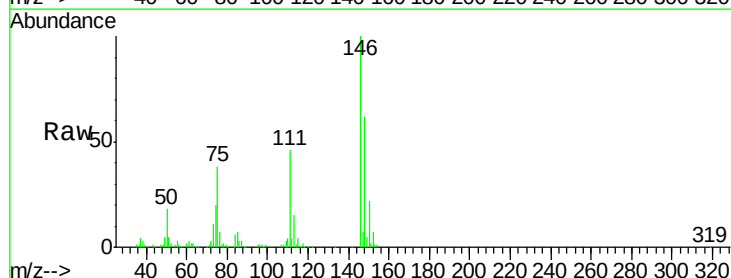
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

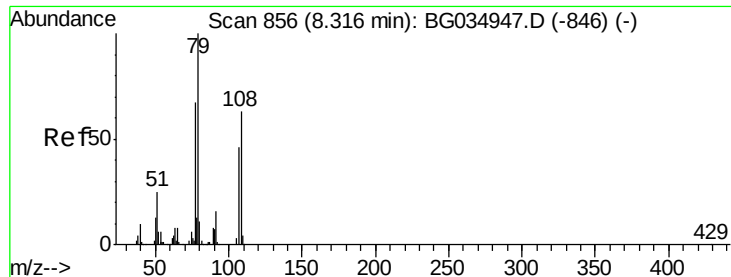
Tgt Ion:146 Resp: 155752
 Ion Ratio Lower Upper
 146 100
 148 57.7 53.7 80.5
 111 40.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 43.253 ng
 RT: 8.42 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:146 Resp: 150155
 Ion Ratio Lower Upper
 146 100
 148 61.7 49.3 73.9
 111 46.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.568 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

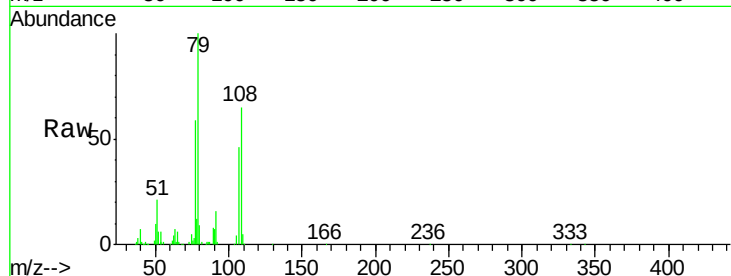
Tgt Ion: 79 Resp: 174425

Ion Ratio Lower Upper

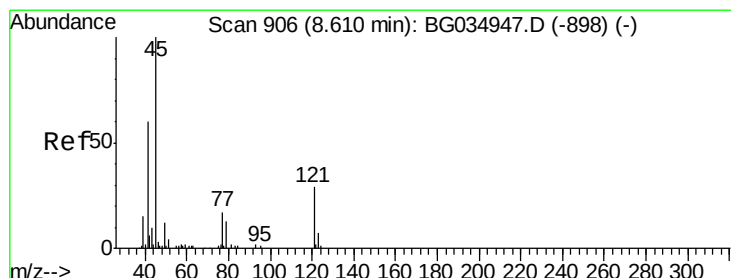
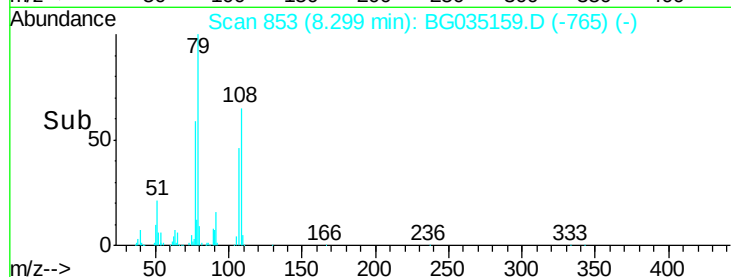
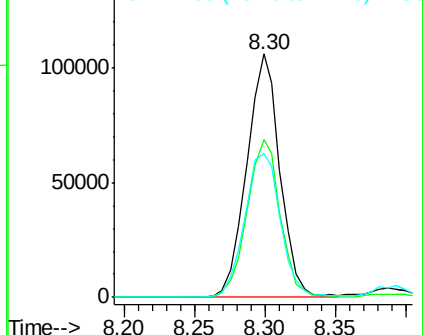
79 100

108 64.6 57.2 85.8

77 59.1 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.998 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

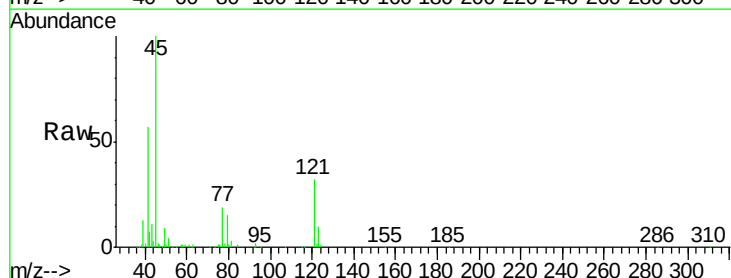
Tgt Ion: 45 Resp: 162126

Ion Ratio Lower Upper

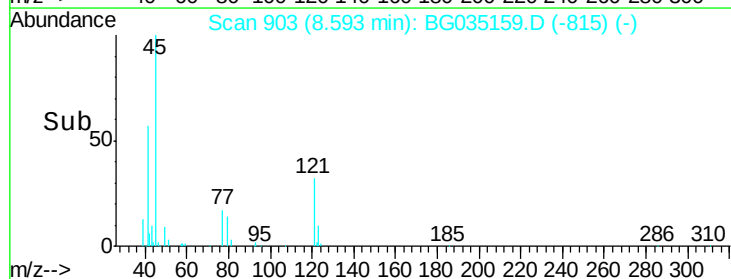
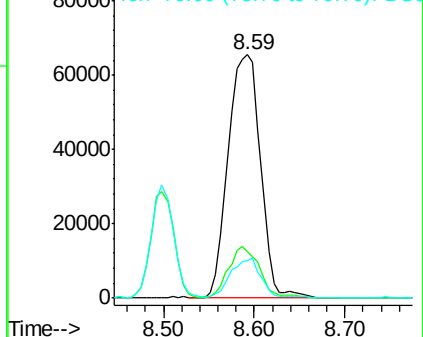
45 100

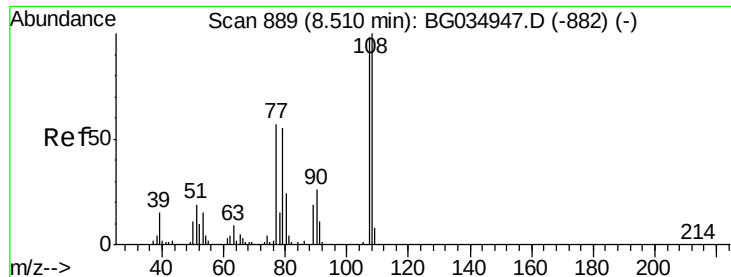
77 19.3 0.0 30.2

79 15.3 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 33.152 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tgt Ion:107 Resp: 95568

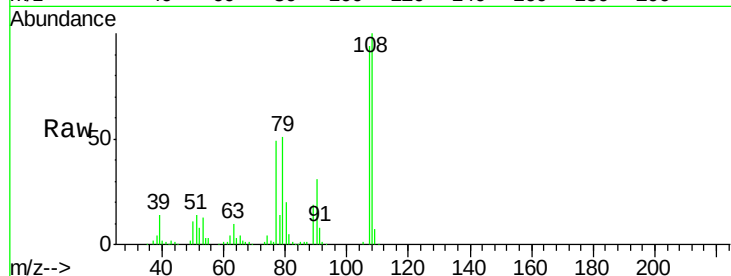
Ion Ratio Lower Upper

107 100

108 105.9 83.9 125.9

77 51.7 37.2 55.8

79 54.4 36.2 54.2#



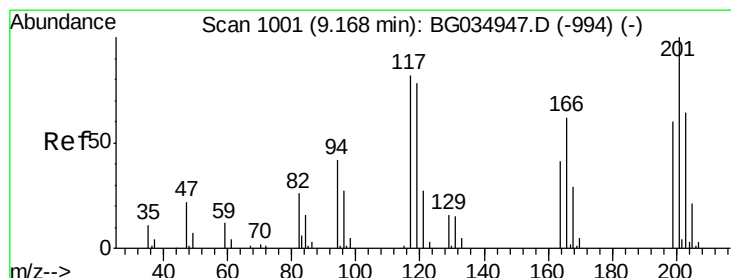
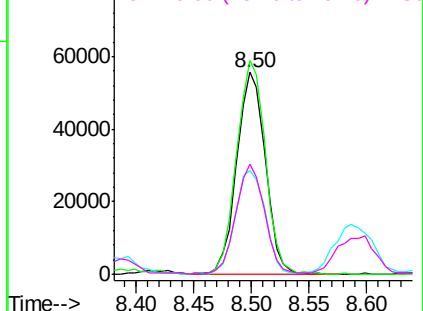
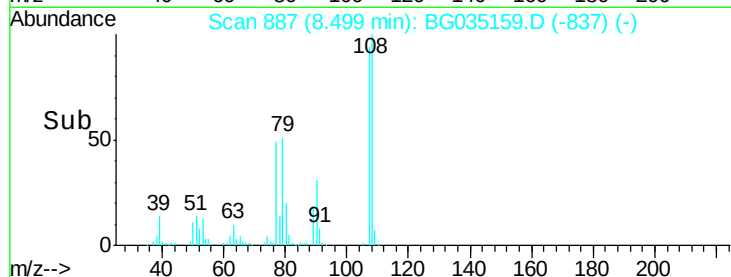
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.444 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

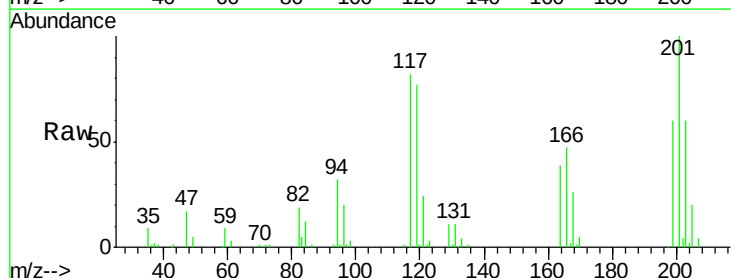
Tgt Ion:117 Resp: 57482

Ion Ratio Lower Upper

117 100

119 93.5 76.7 115.1

201 121.7 95.7 143.5

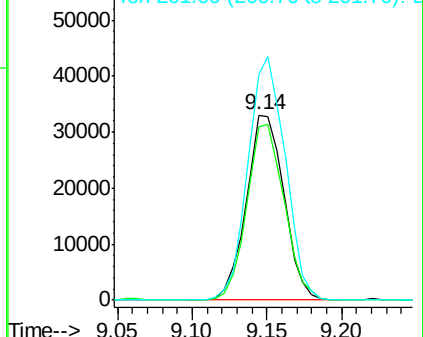
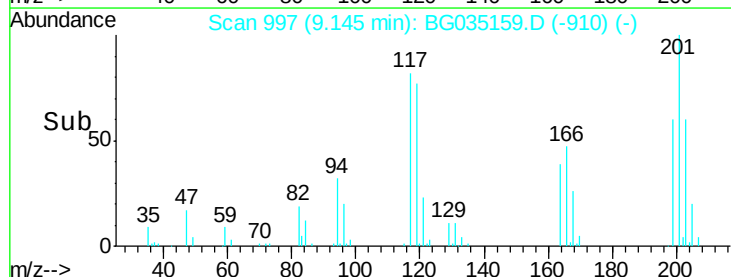


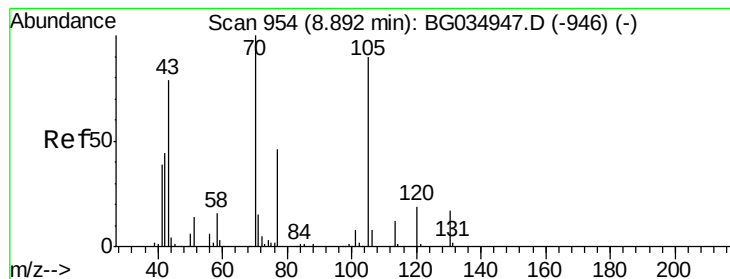
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.344 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

Tgt Ion: 70 Resp: 141227

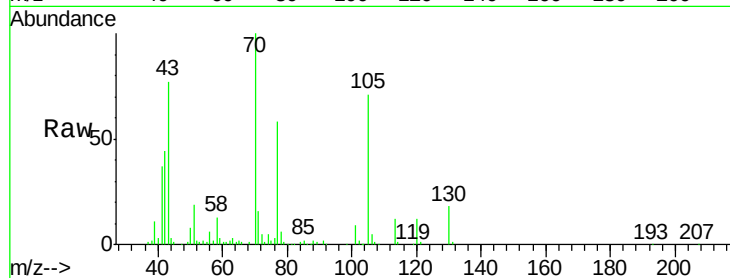
Ion Ratio Lower Upper

70 100

42 43.7 49.1 73.7#

101 9.4 8.5 12.7

130 17.6 13.4 20.0

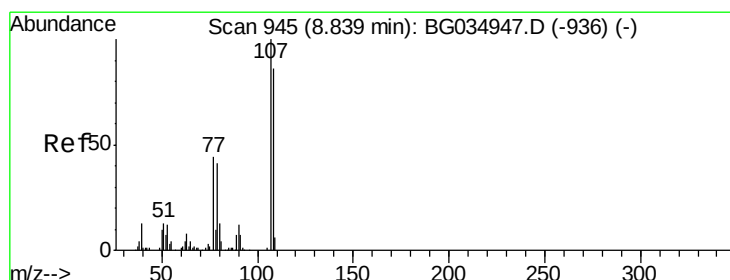
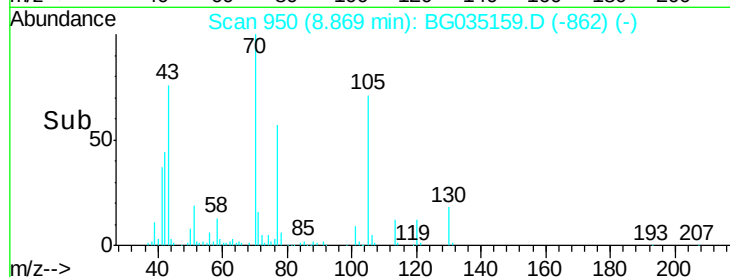
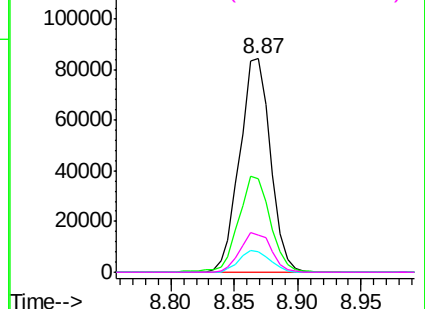


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 31.802 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion: 107 Resp: 131407

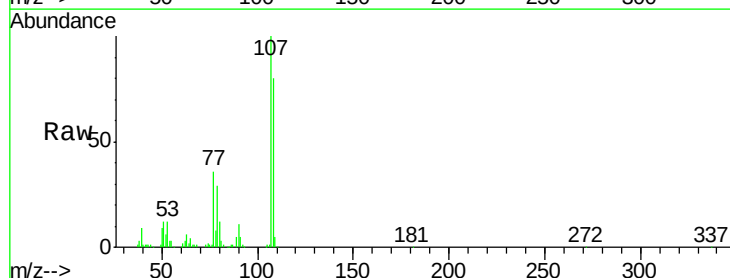
Ion Ratio Lower Upper

107 100

108 79.7 61.6 101.6

77 36.1 13.9 53.9

79 29.0 8.8 48.8

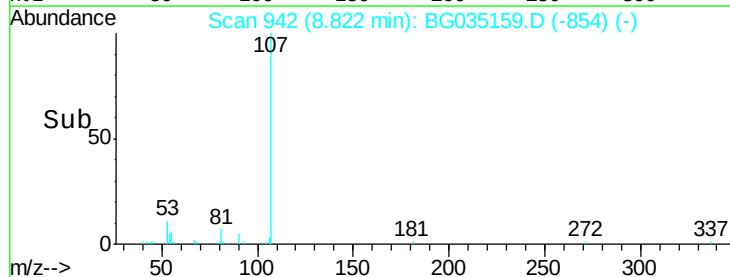
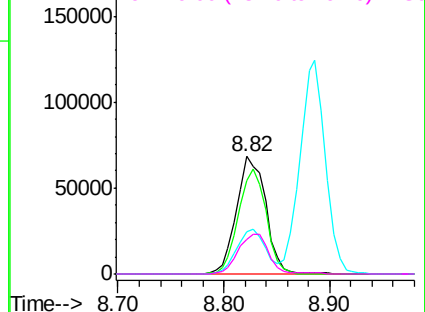


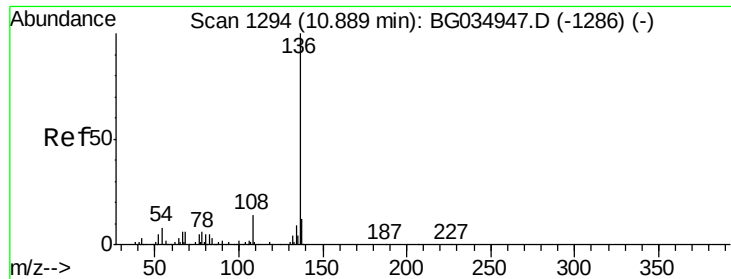
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

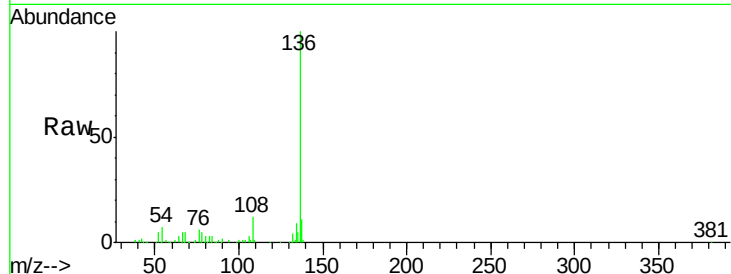




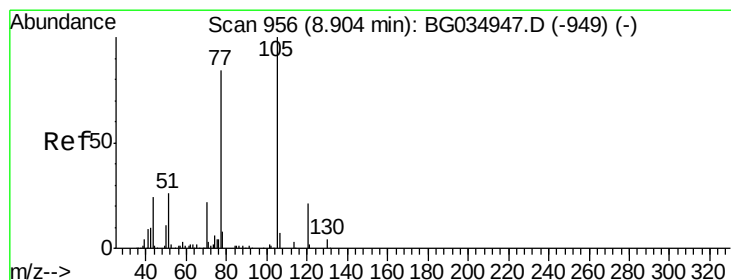
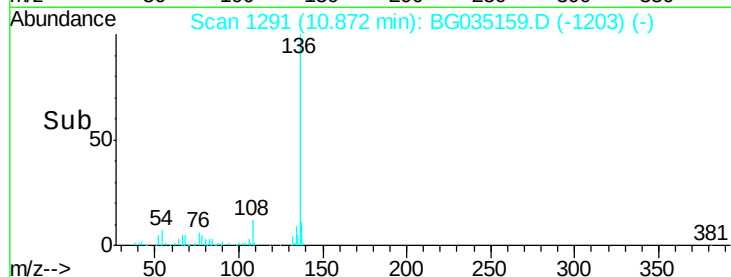
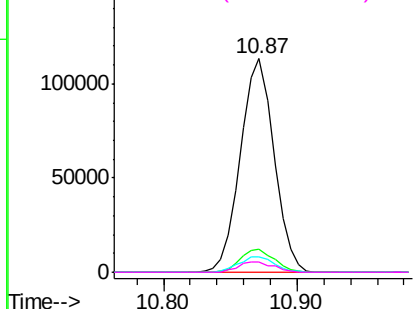
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tgt Ion:	136	Resp:	197804
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.4	10.3	15.5#
68	5.1	4.5	6.7

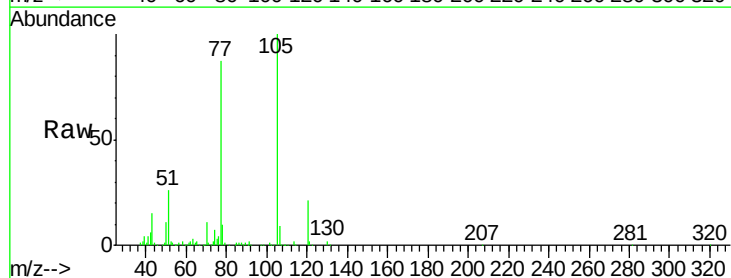


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

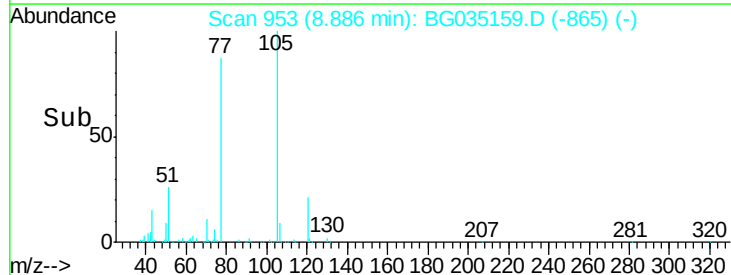
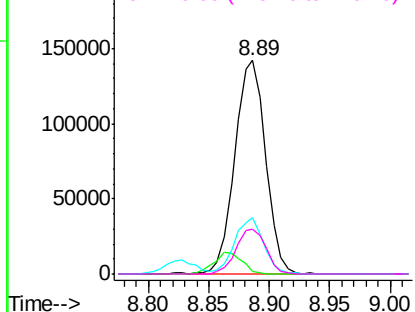


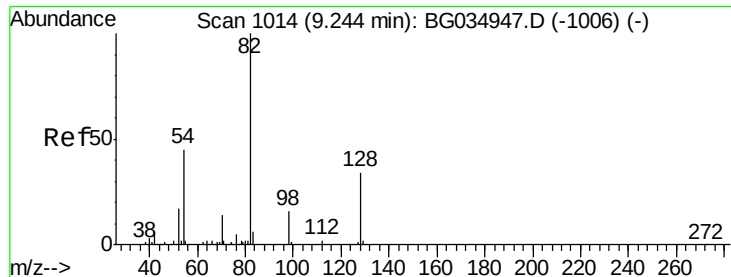
#22
Acetophenone
Concen: 41.227 ng
RT: 8.89 min Scan# 953
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion:	105	Resp:	252614
Ion	Ratio	Lower	Upper
105	100		
71	1.4	3.0	4.4#
51	26.1	26.1	39.1
120	21.3	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

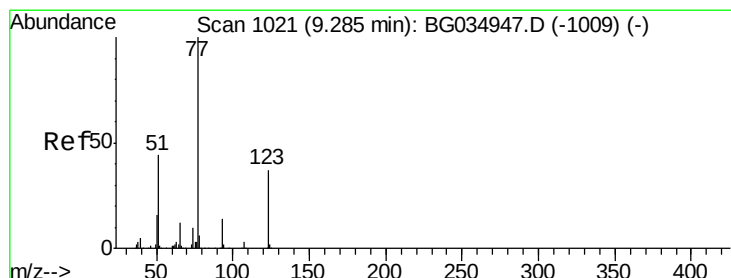
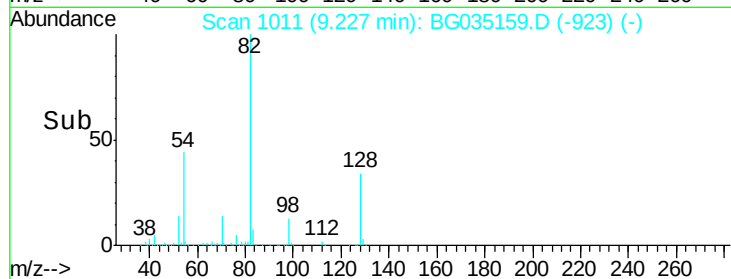
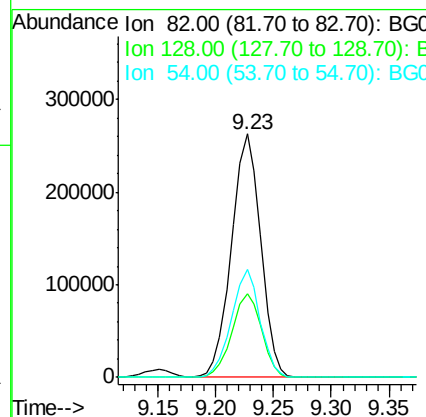
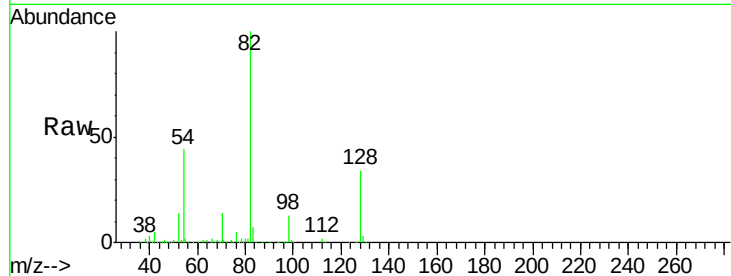




#23
 Nitrobenzene-d5
 Concen: 111.149 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

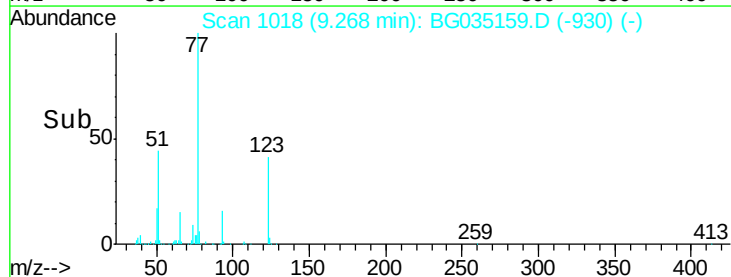
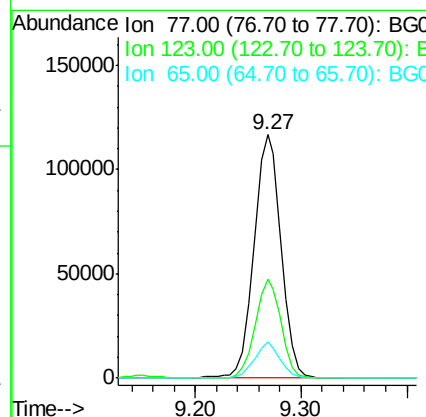
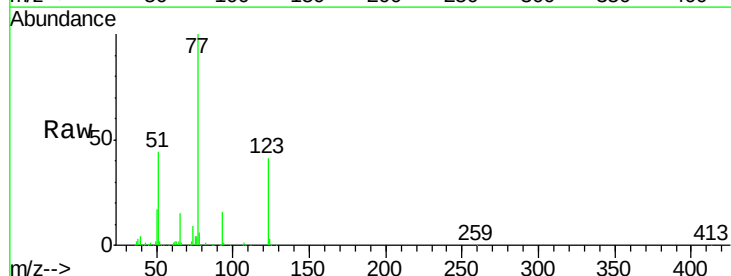
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

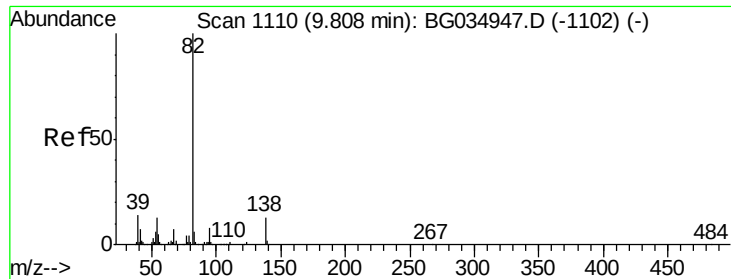
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.2	29.7	44.5
54	44.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 48.716 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.7	33.0	49.6
65	15.0	13.0	19.6





#25

Isophorone

Concen: 46.719 ng

RT: 9.79 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

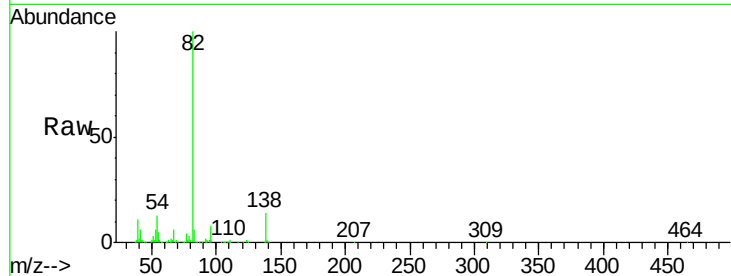
Tgt Ion: 82 Resp: 410464

Ion Ratio Lower Upper

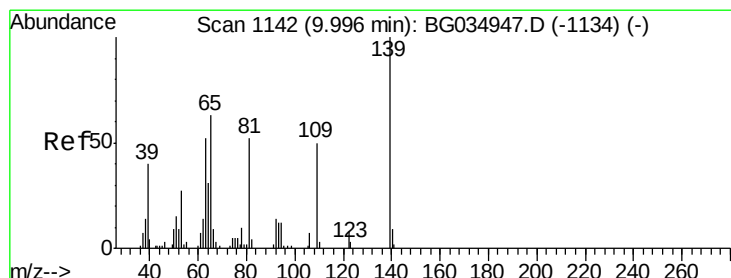
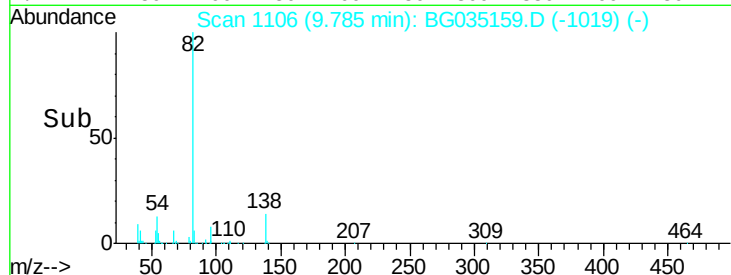
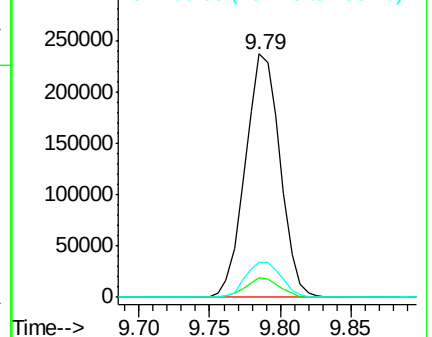
82 100

95 8.0 6.2 9.2

138 14.4 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 31.737 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

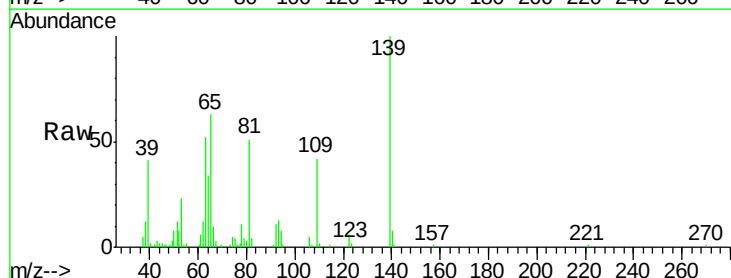
Tgt Ion: 139 Resp: 46615

Ion Ratio Lower Upper

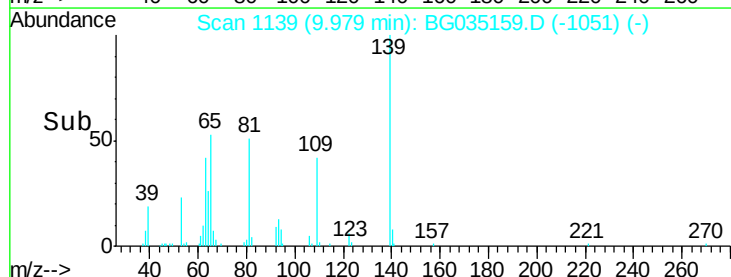
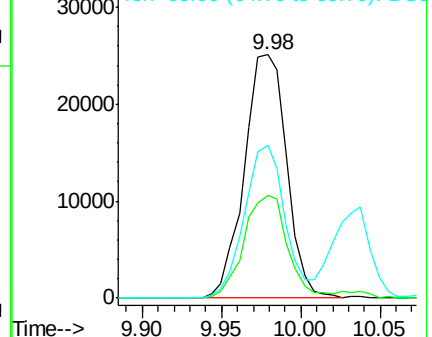
139 100

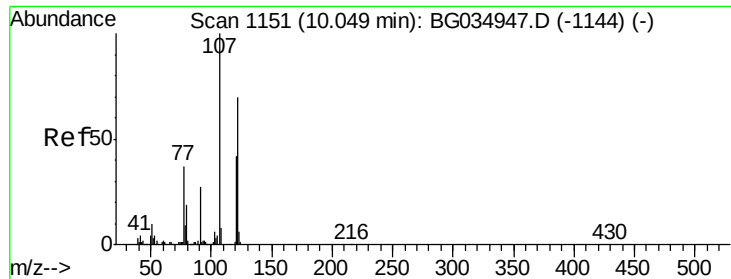
109 42.0 24.2 36.2#

65 62.8 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

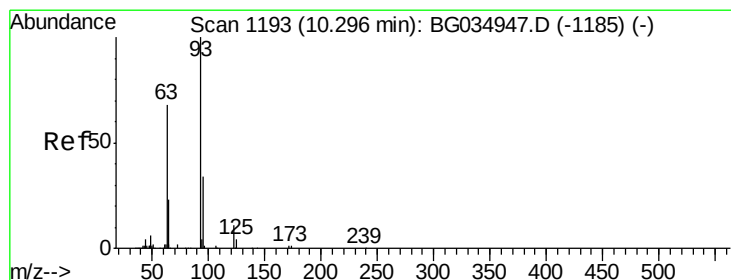
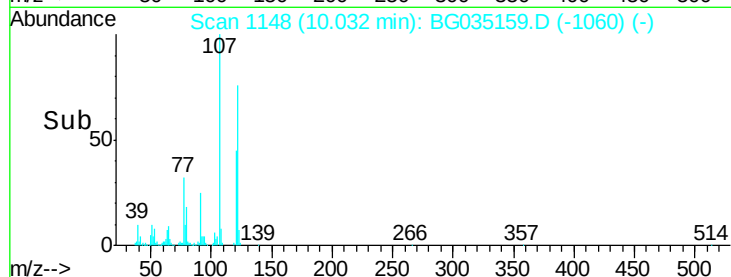
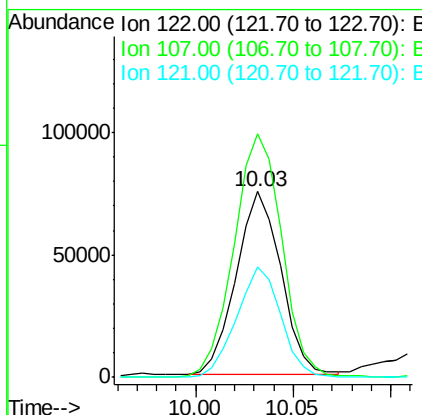
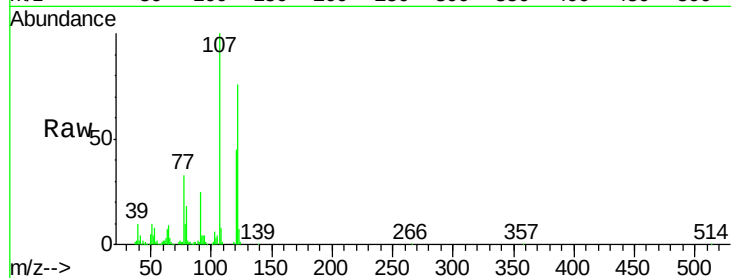




#27
 2,4-Dimethylphenol
 Concen: 38.668 ng
 RT: 10.03 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

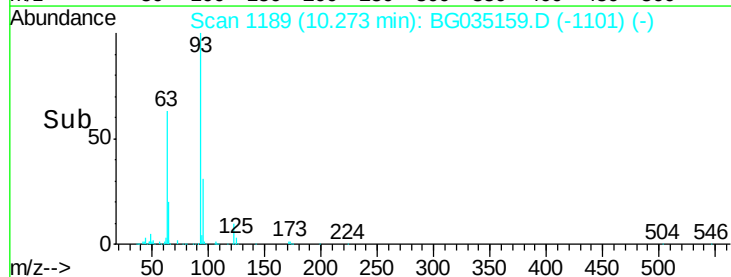
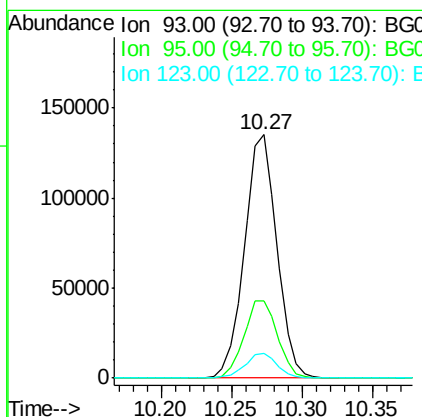
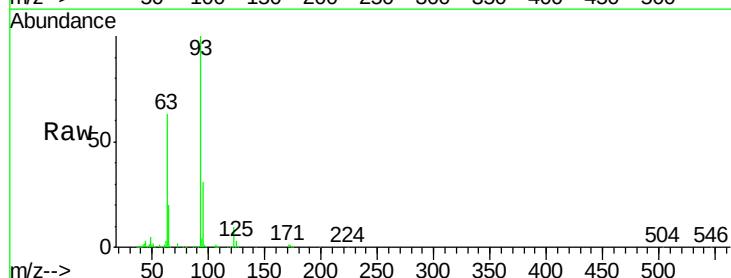
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

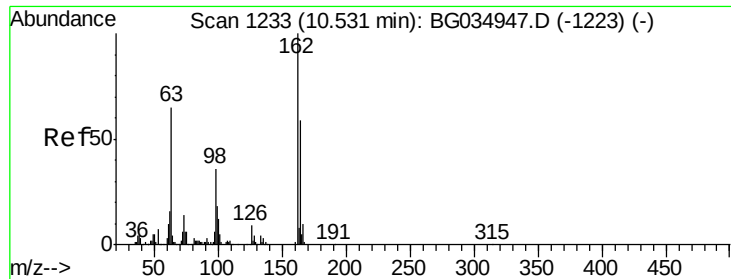
Tgt Ion	Ratio	Lower	Upper
122	100		
107	131.3	100.2	150.2
121	59.7	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.998 ng
 RT: 10.27 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.3	36.5
123	10.4	8.4	12.6

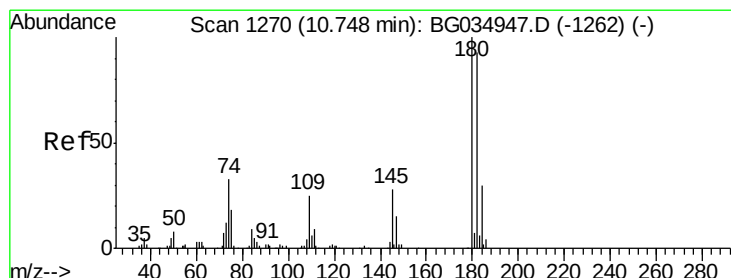
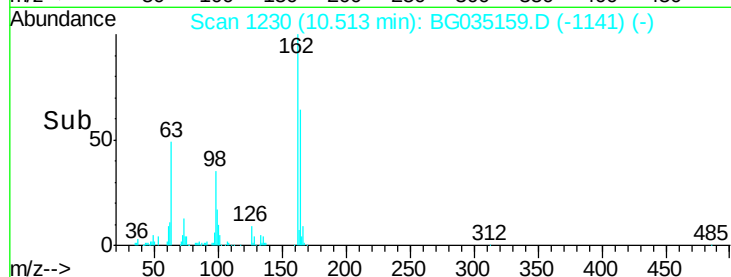
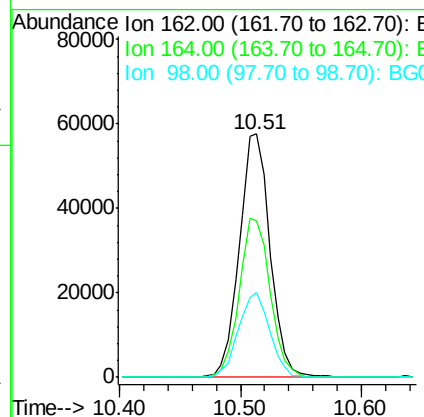
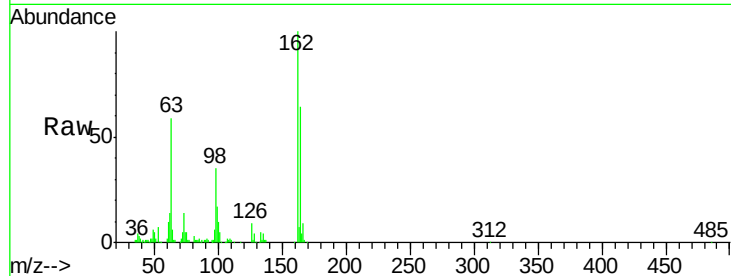




#29
 2,4-Dichlorophenol
 Concen: 30.478 ng
 RT: 10.51 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

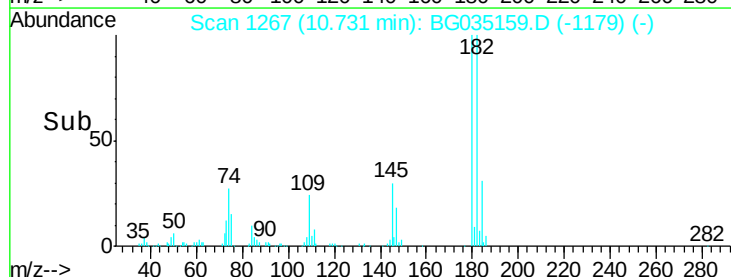
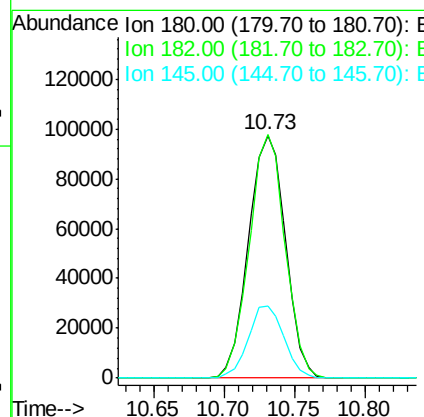
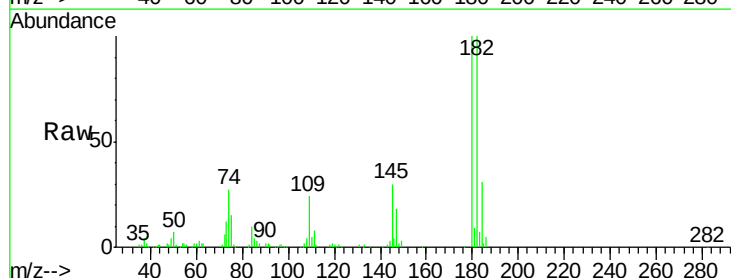
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

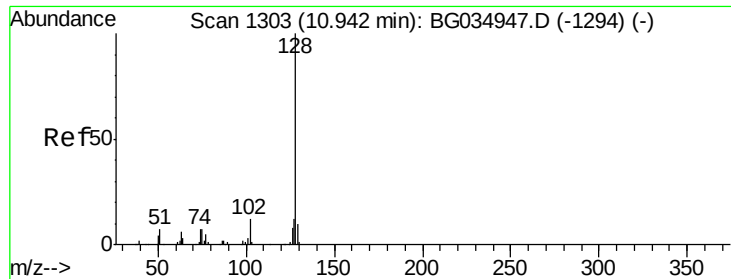
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	48.0	88.0
98	34.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 44.492 ng
 RT: 10.73 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.2	77.5	116.3
145	29.8	23.4	35.2

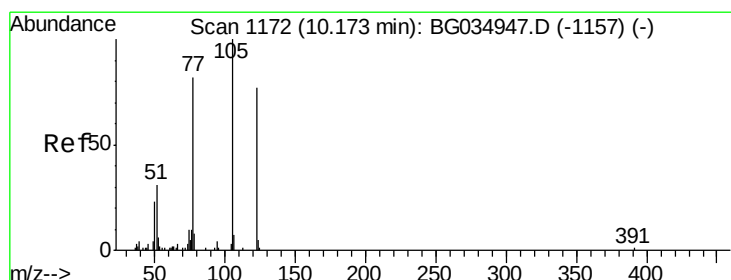
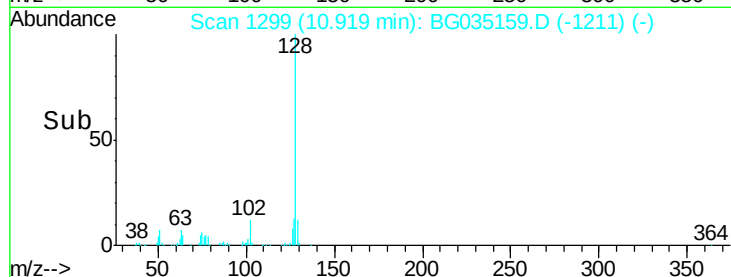
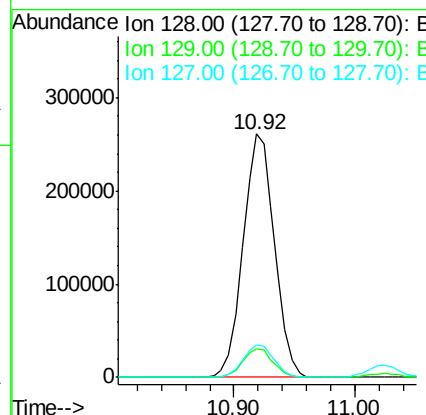
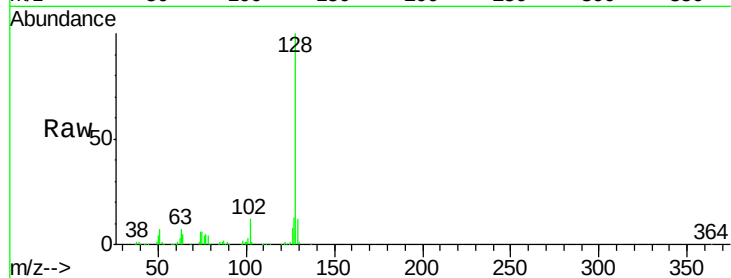




#31
Naphthalene
Concen: 45.832 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

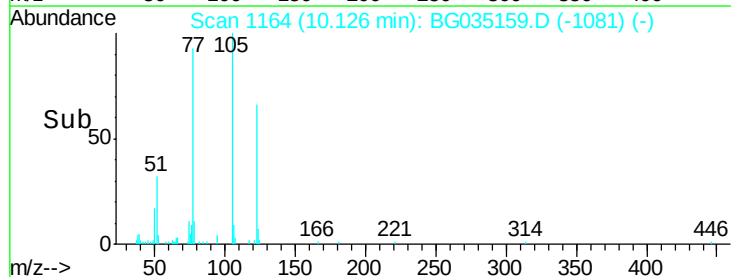
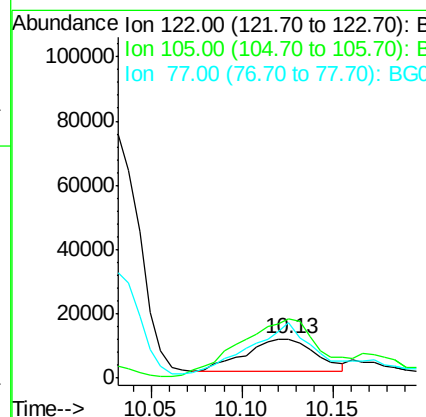
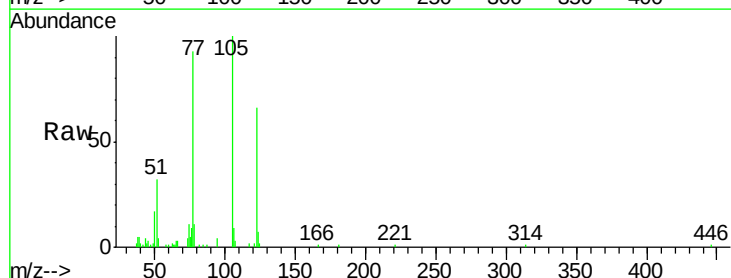
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

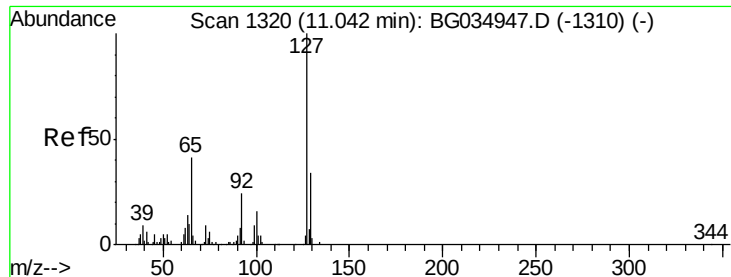
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 12.802 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.04 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	151.8	123.5	163.5
77	140.6	85.7	125.7

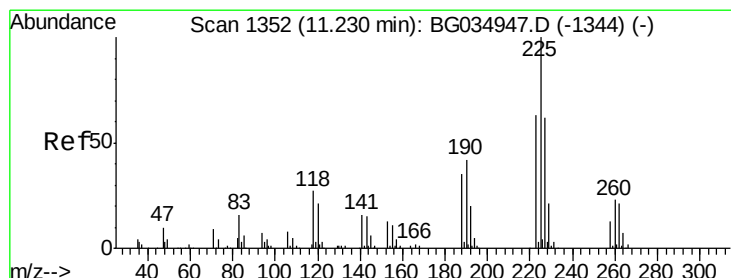
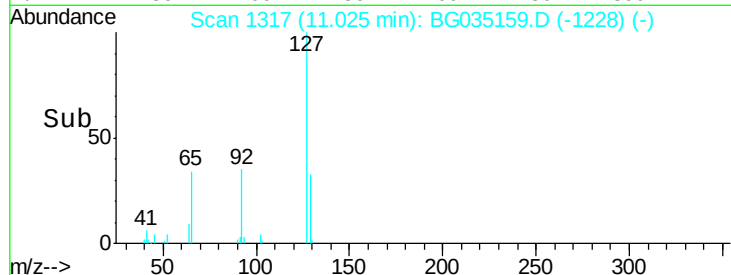
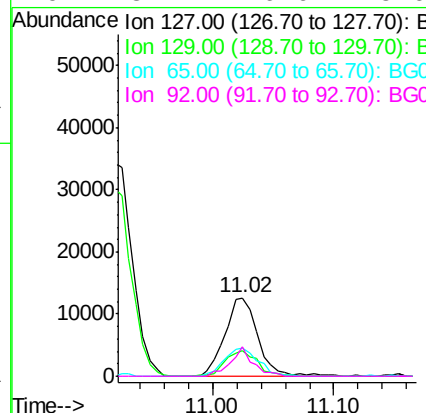
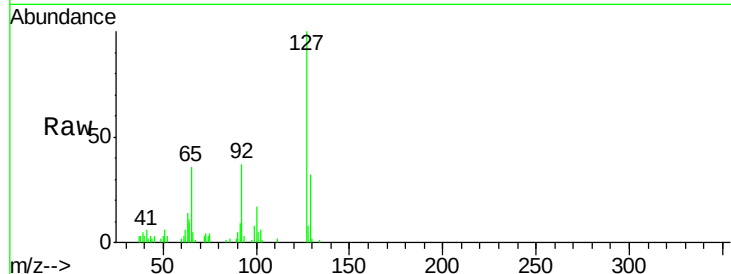




#33
4-Chloroaniline
Concen: 5.356 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

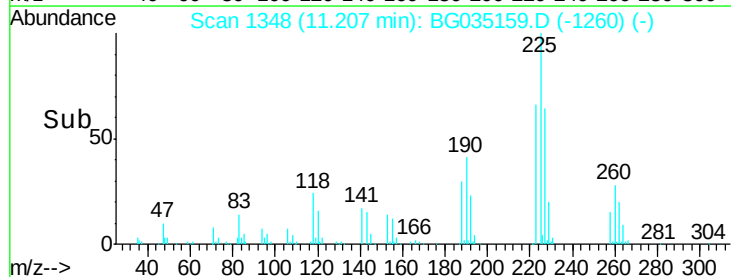
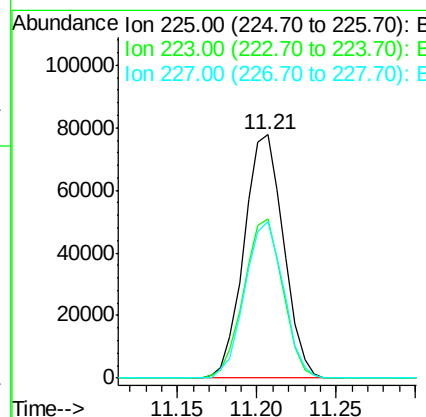
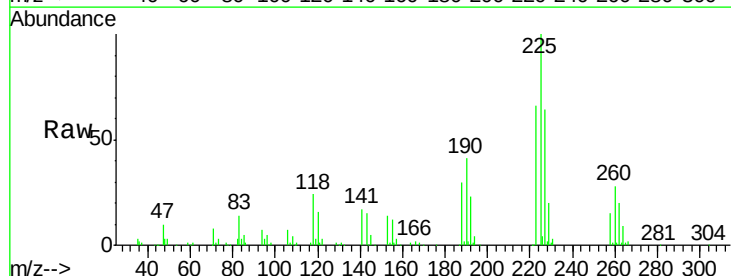
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

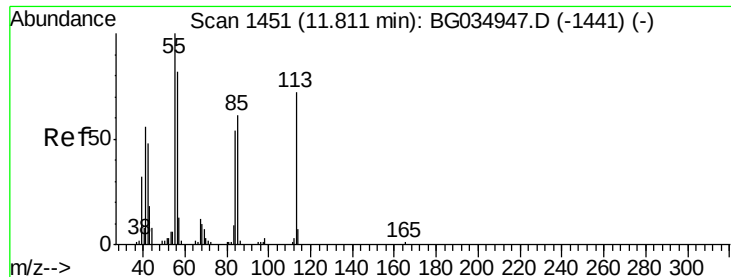
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.0	24.0	36.0
65	35.7	27.0	40.4
92	37.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 42.892 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.7	74.5
227	64.1	48.1	72.1





#35

Caprolactam

Concen: 36.476 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

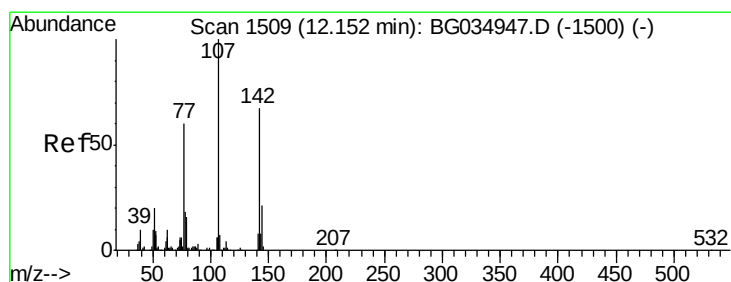
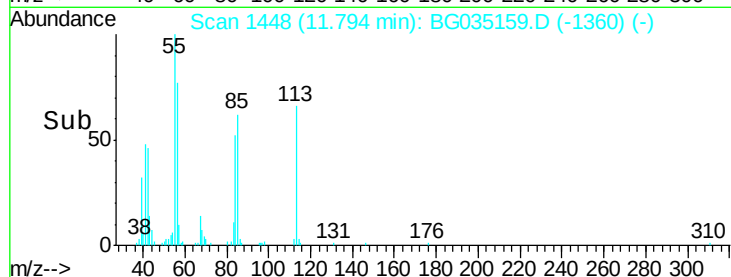
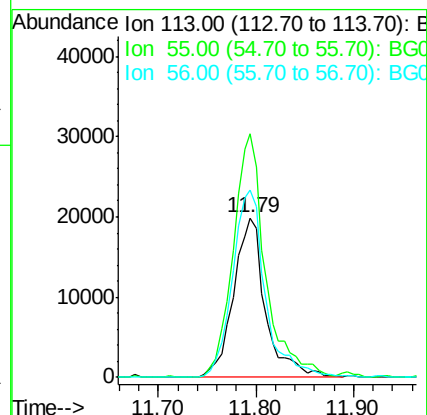
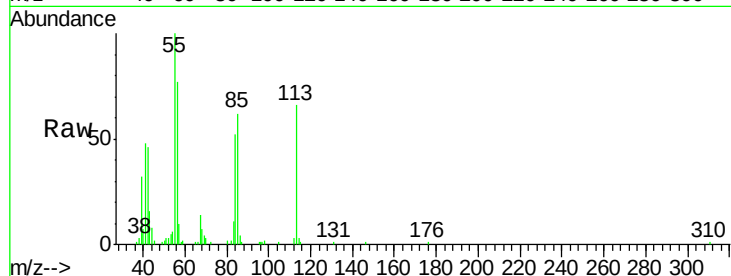
Tgt Ion:113 Resp: 45285

Ion Ratio Lower Upper

113 100

55 152.4 186.9 226.9#

56 117.2 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 35.051 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

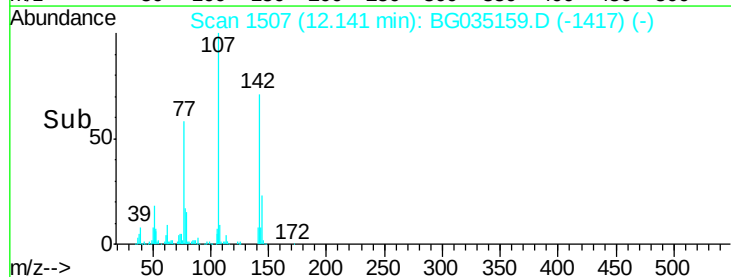
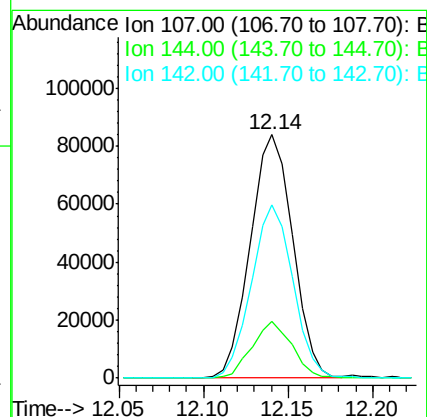
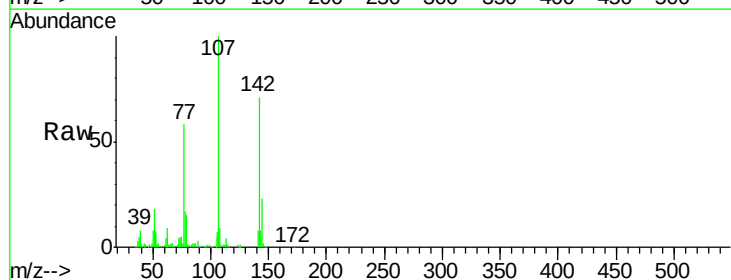
Tgt Ion:107 Resp: 146777

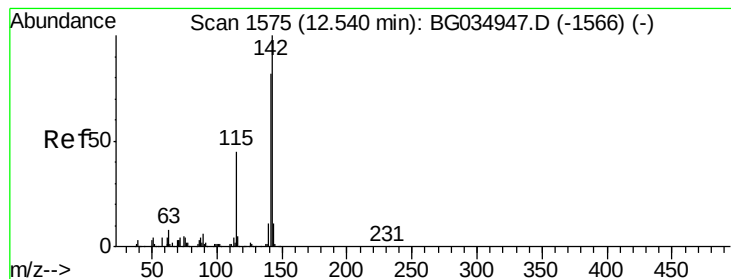
Ion Ratio Lower Upper

107 100

144 23.4 18.2 27.4

142 71.4 59.0 88.4





#37

2-Methylnaphthalene

Concen: 48.368 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

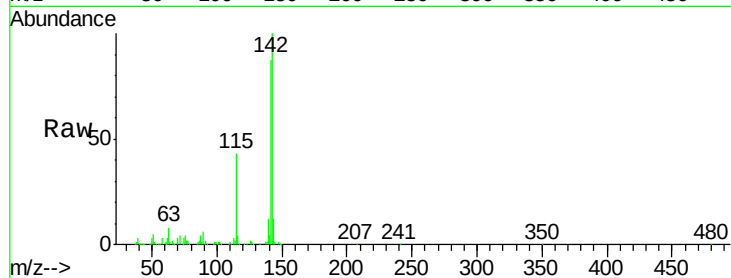
Tgt Ion:142 Resp: 376817

Ion Ratio Lower Upper

142 100

141 87.2 67.1 100.7

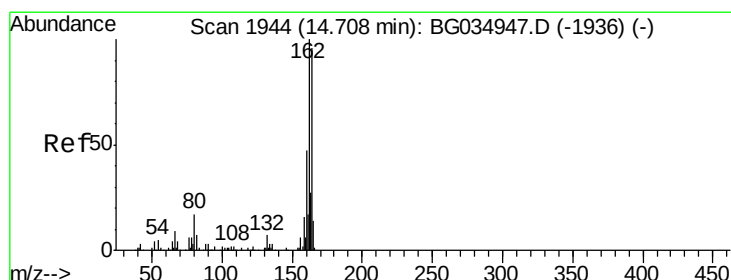
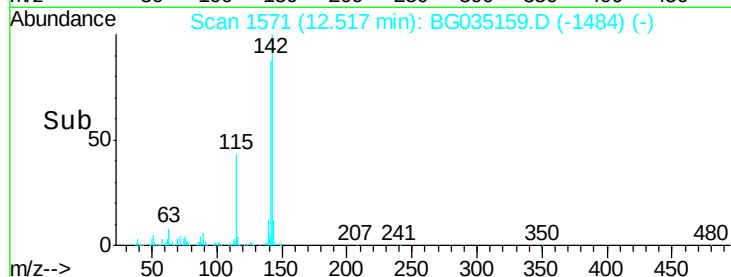
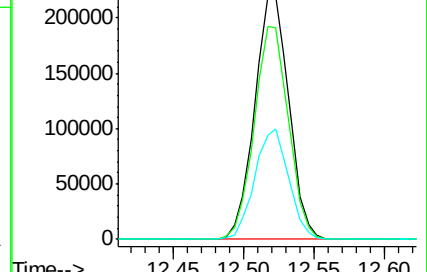
115 43.0 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

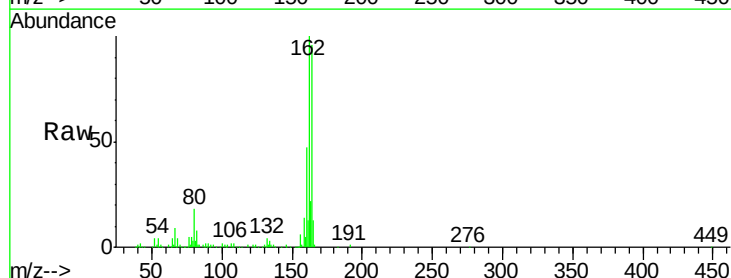
Tgt Ion:164 Resp: 148680

Ion Ratio Lower Upper

164 100

162 104.6 78.8 118.2

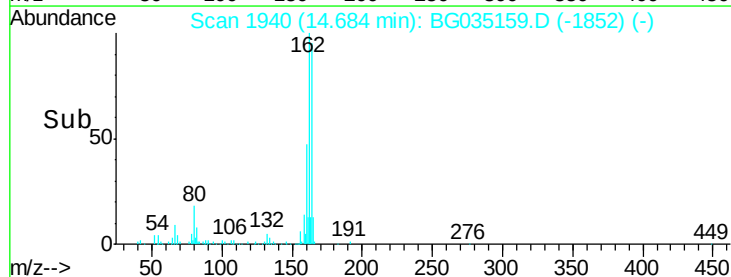
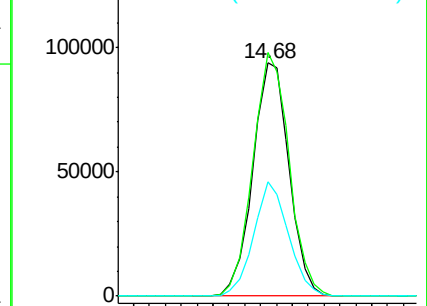
160 48.9 35.4 53.0

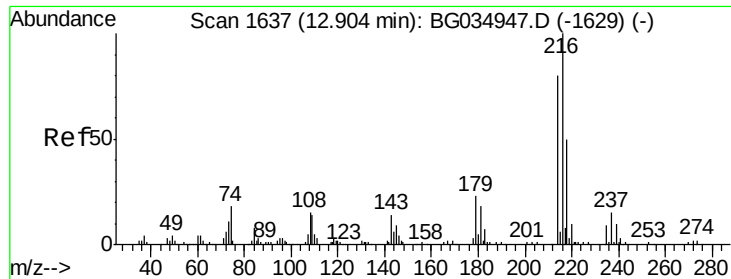


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

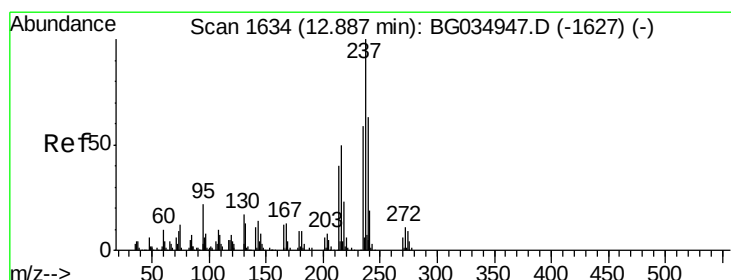
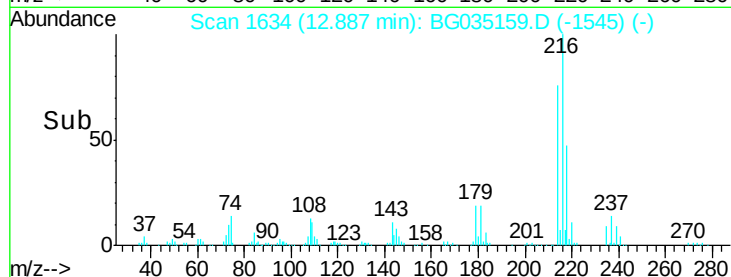
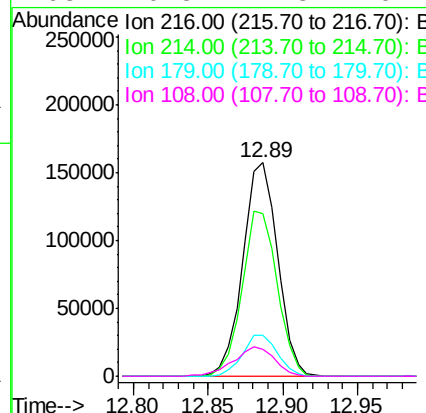
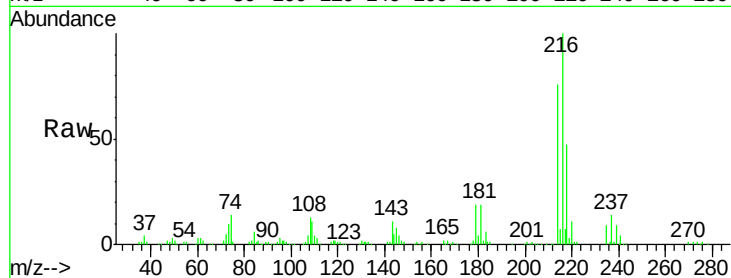




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.724 ng
 RT: 12.89 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

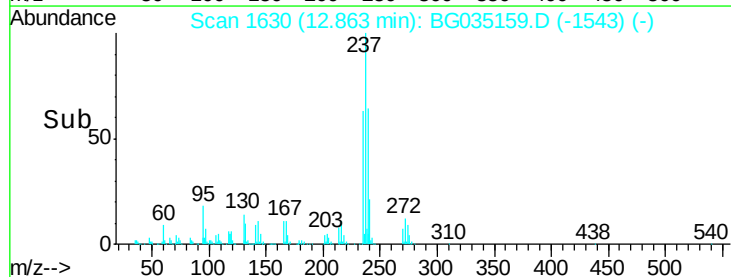
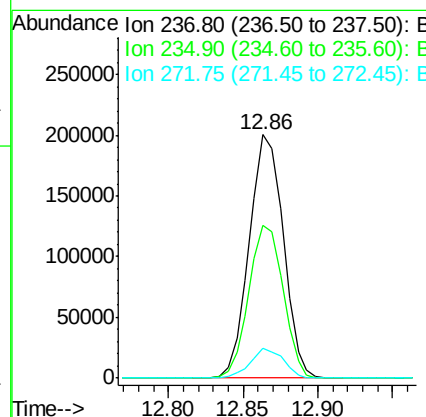
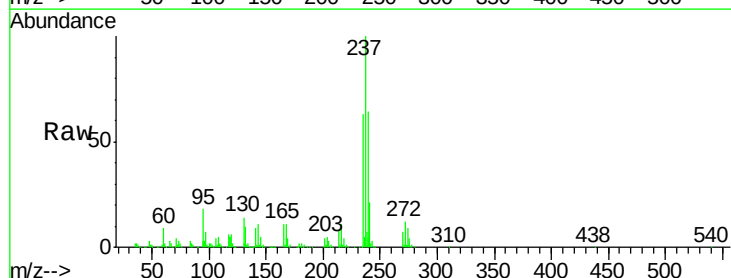
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

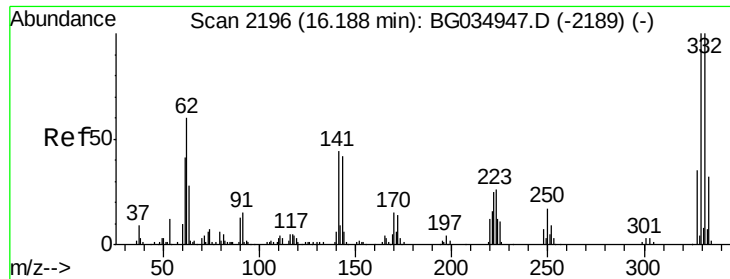
Tgt Ion:	216	Resp:	253219
Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.4	17.0	25.6
108	16.3	12.8	19.2



#40
 Hexachlorocyclopentadiene
 Concen: 91.064 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:	237	Resp:	316251
Ion	Ratio	Lower	Upper
237	100		
235	62.8	50.4	90.4
272	12.4	0.0	31.8

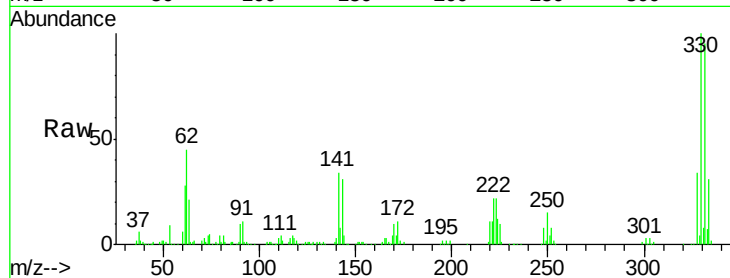




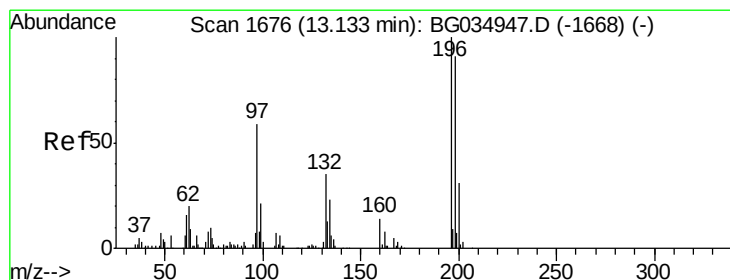
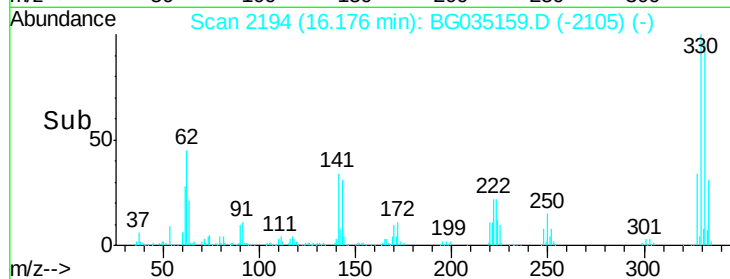
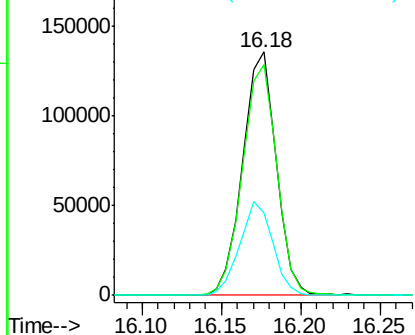
#41
 2,4,6-Tribromophenol
 Concen: 105.071 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tgt Ion:330 Resp: 199980
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.0 115.6
 141 38.0 25.2 37.8#

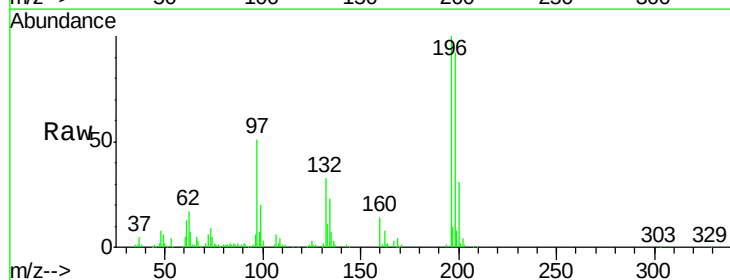


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

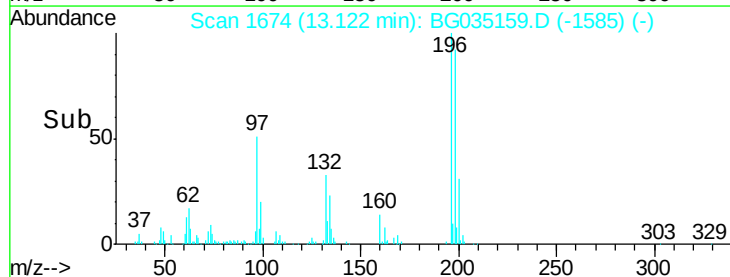
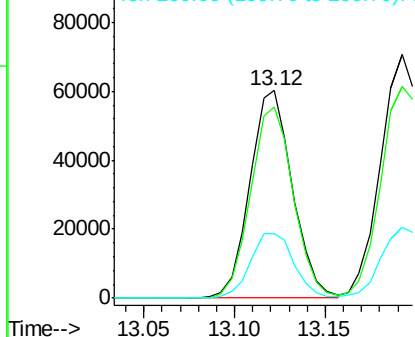


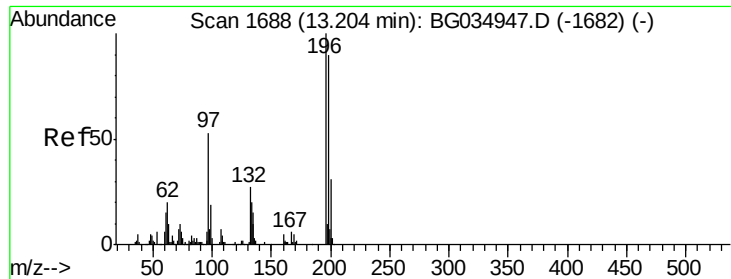
#42
 2,4,6-Trichlorophenol
 Concen: 29.717 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:196 Resp: 98543
 Ion Ratio Lower Upper
 196 100
 198 92.2 78.2 117.2
 200 31.3 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

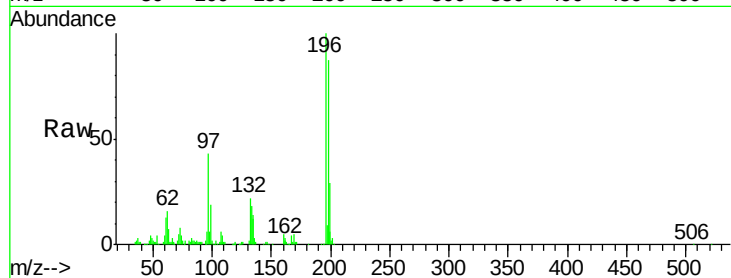




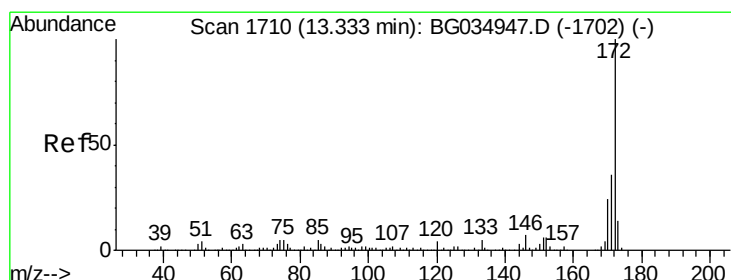
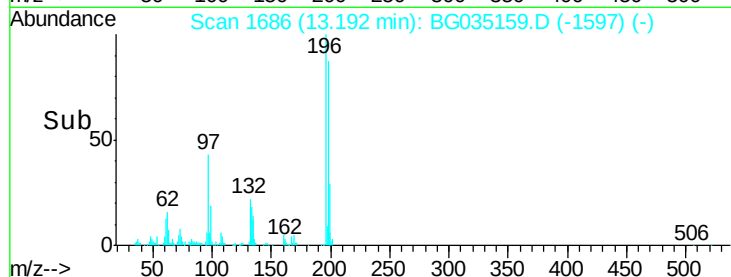
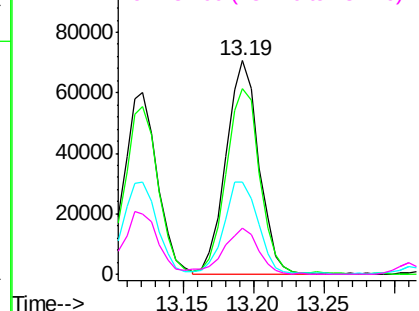
#43
2,4,5-Trichlorophenol
Concen: 31.472 ng
RT: 13.19 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

Tgt Ion:196 Resp: 114547
Ion Ratio Lower Upper
196 100
198 86.9 76.2 114.4
97 42.9 38.7 58.1
132 21.6 20.2 30.2

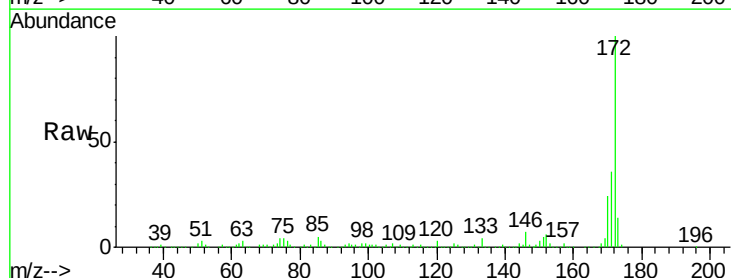


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

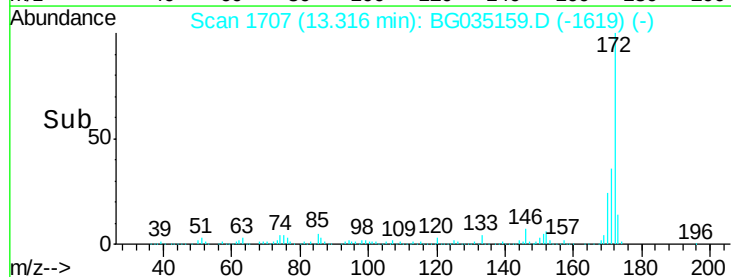
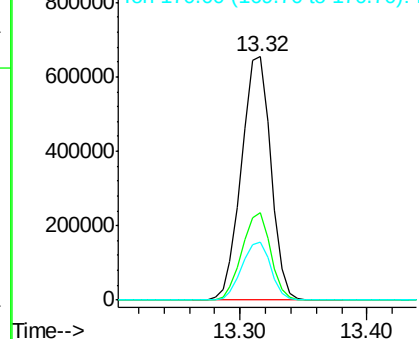


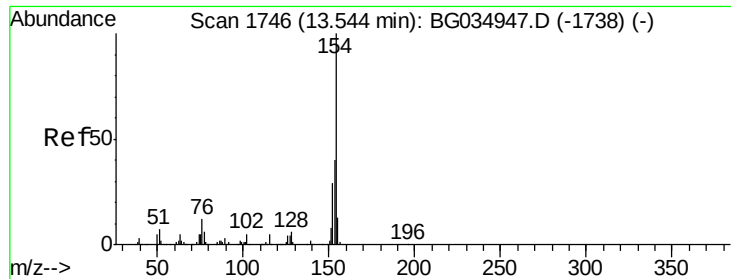
#44
2-Fluorobiphenyl
Concen: 91.938 ng
RT: 13.32 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion:172 Resp: 1051487
Ion Ratio Lower Upper
172 100
171 35.7 30.0 45.0
170 23.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

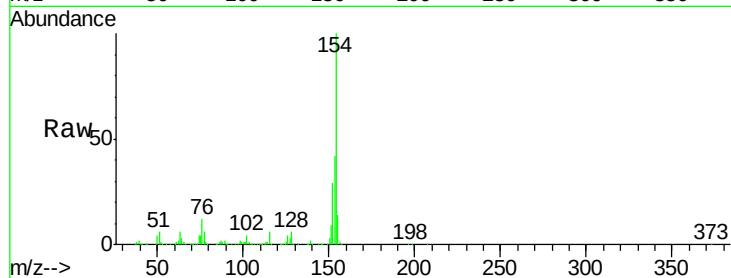




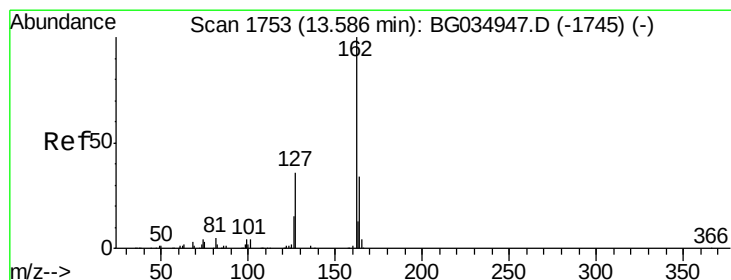
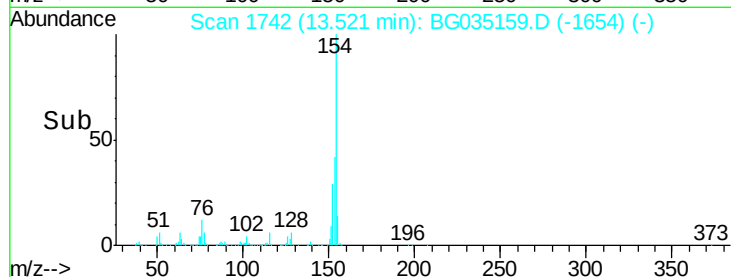
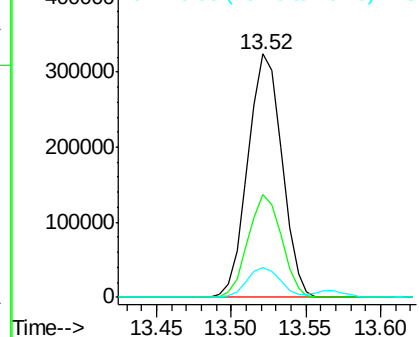
#45
 1,1'-Biphenyl
 Concen: 42.725 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	12.1	0.0	31.9

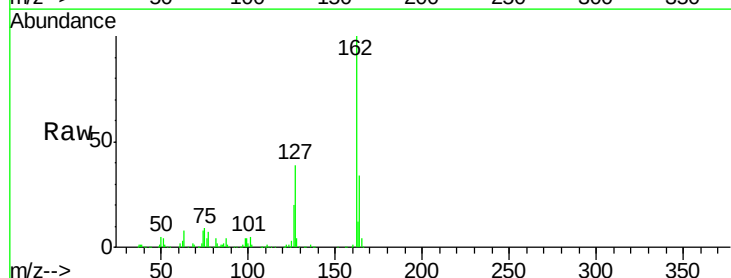


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

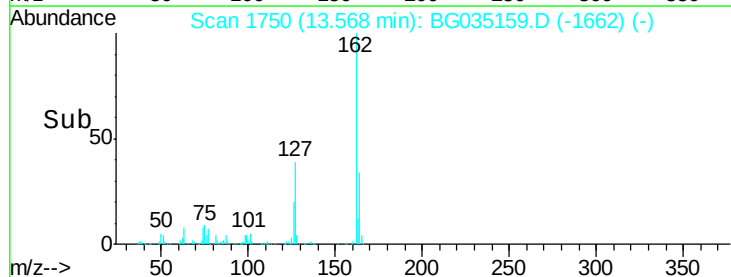
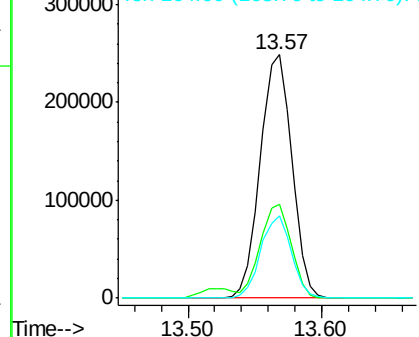


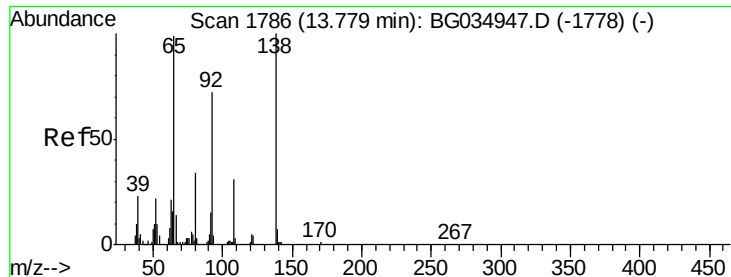
#46
 2-Chloronaphthalene
 Concen: 45.104 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.6	30.7	46.1
164	33.9	26.0	39.0



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





#47

2-Nitroaniline

Concen: 54.945 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

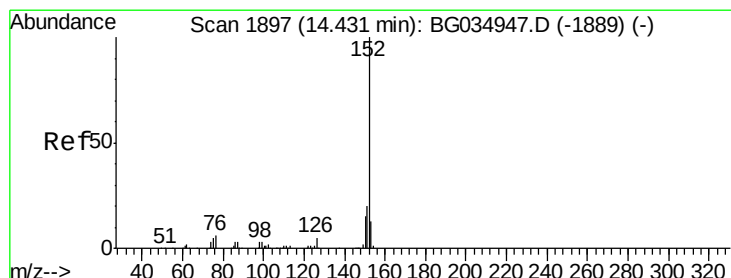
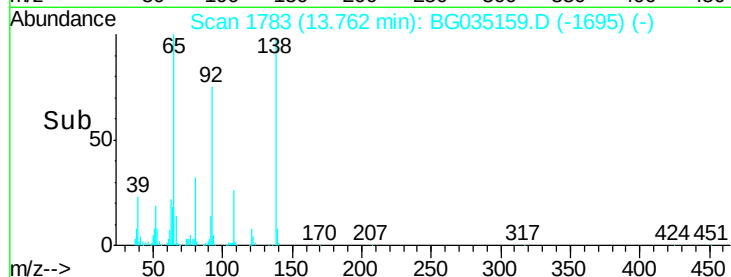
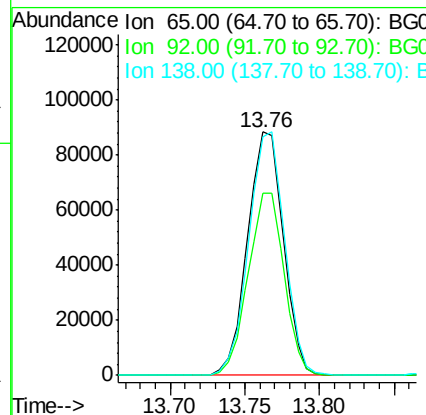
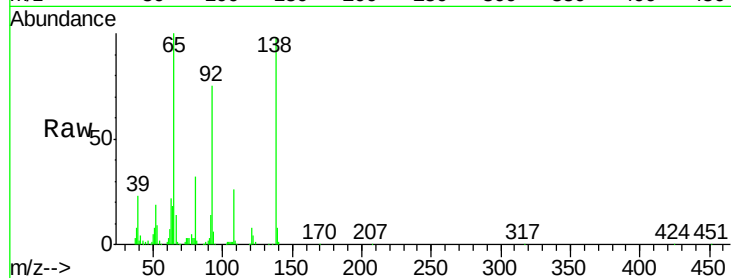
Tgt Ion: 65 Resp: 146655

Ion Ratio Lower Upper

65 100

92 74.8 54.6 82.0

138 98.0 72.9 109.3



#48

Acenaphthylene

Concen: 45.561 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

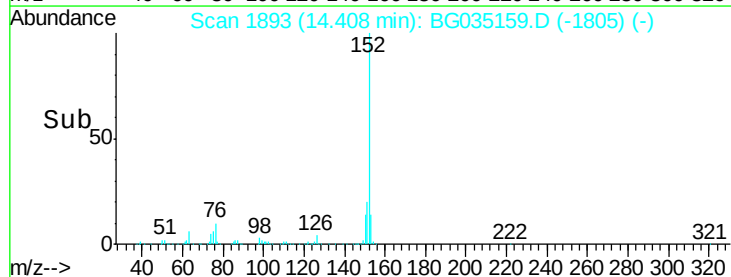
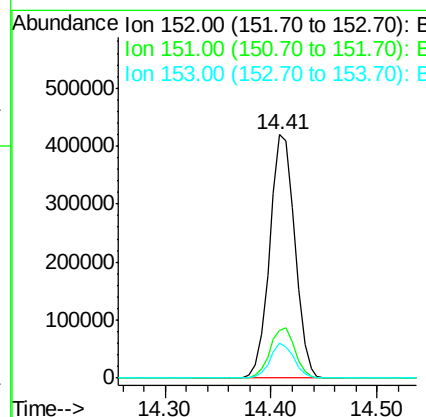
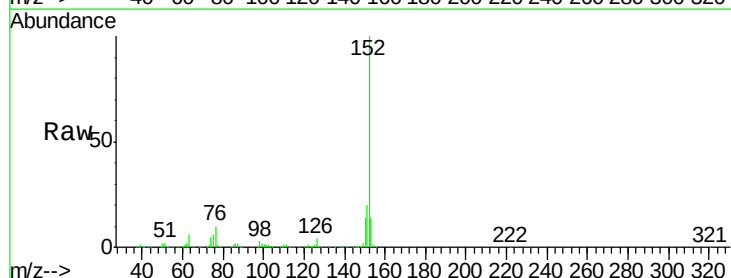
Tgt Ion: 152 Resp: 690543

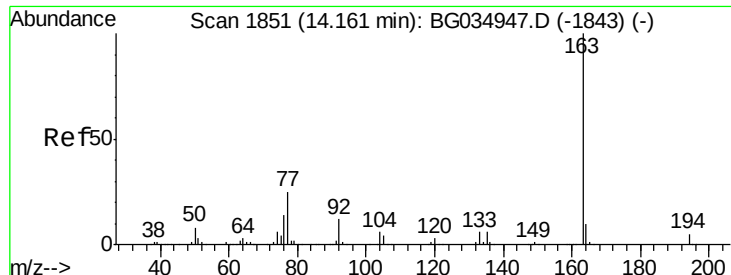
Ion Ratio Lower Upper

152 100

151 19.6 17.2 25.8

153 14.2 10.2 15.4





#49

Dimethylphthalate

Concen: 51.350 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

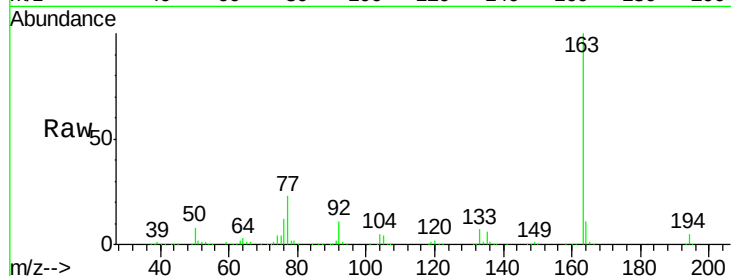
Tgt Ion:163 Resp: 665767

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

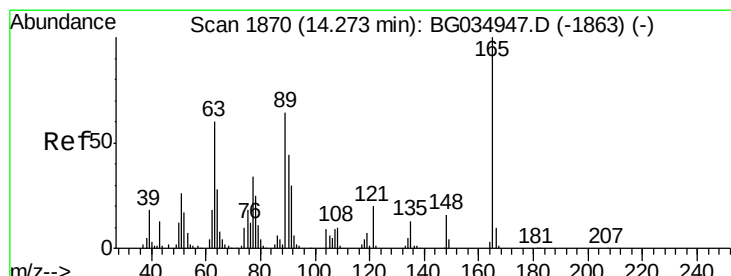
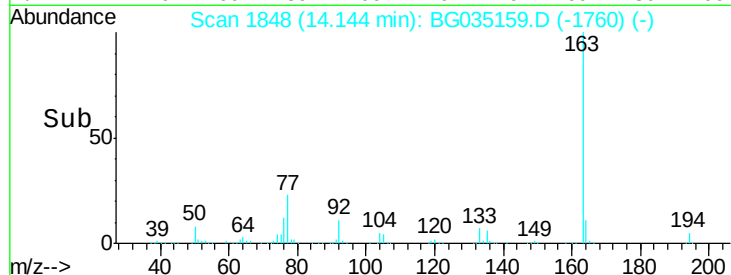
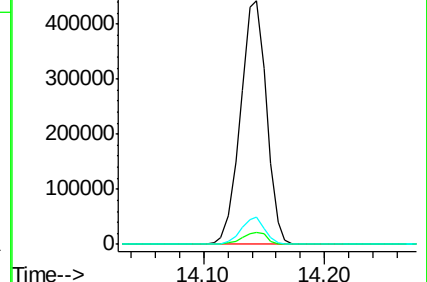
164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 56.378 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

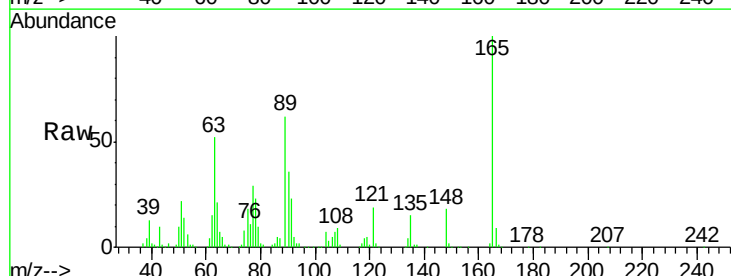
Tgt Ion:165 Resp: 133352

Ion Ratio Lower Upper

165 100

63 52.4 52.7 79.1#

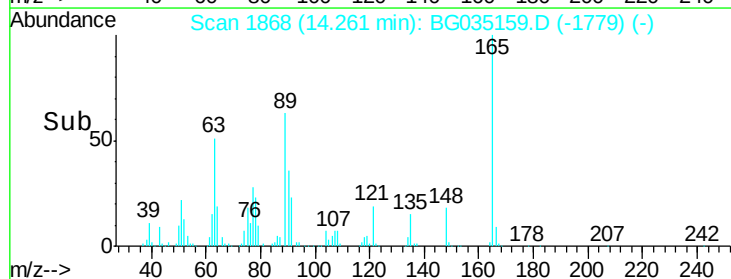
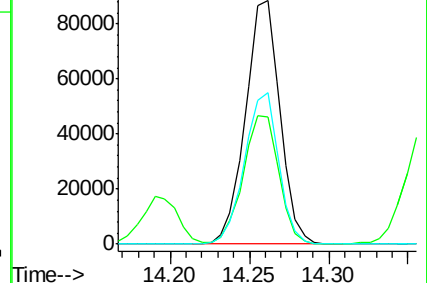
89 62.4 49.2 73.8

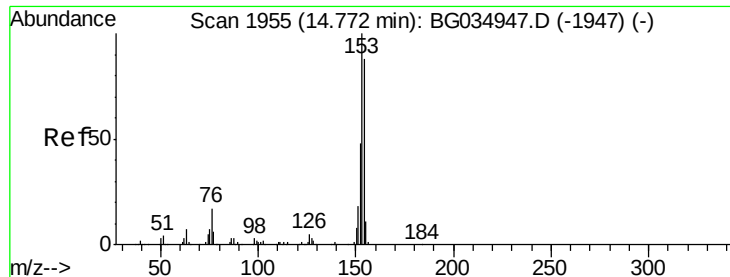


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.593 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

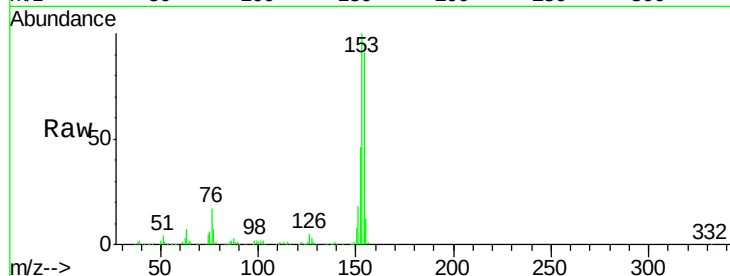
Tgt Ion:154 Resp: 451499

Ion Ratio Lower Upper

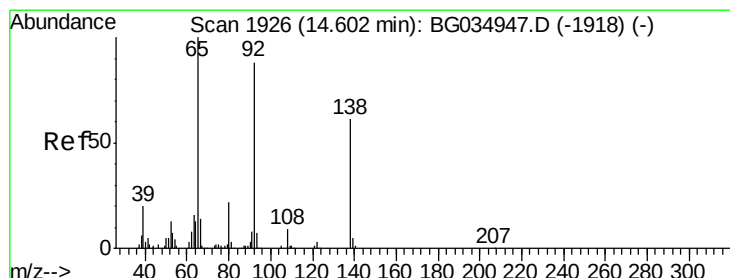
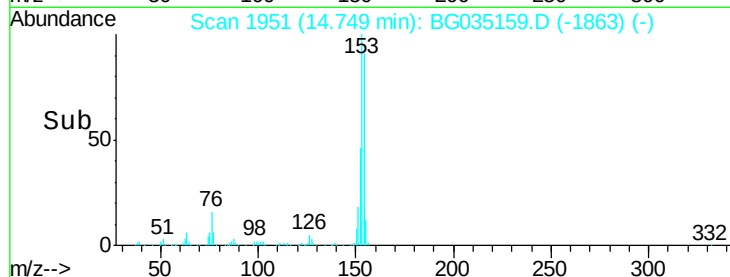
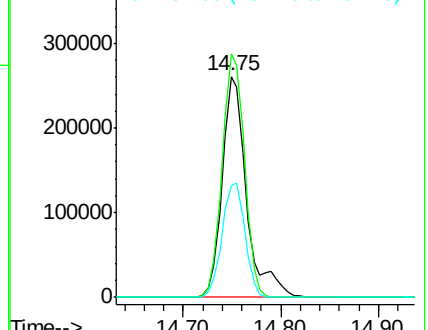
154 100

153 110.1 90.4 135.6

152 50.8 41.6 62.4



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



#52

3-Nitroaniline

Concen: 16.525 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

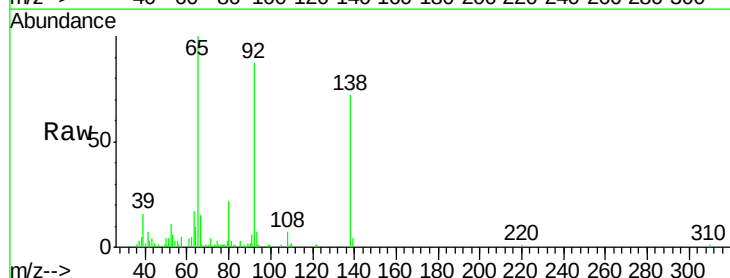
Tgt Ion:138 Resp: 38355

Ion Ratio Lower Upper

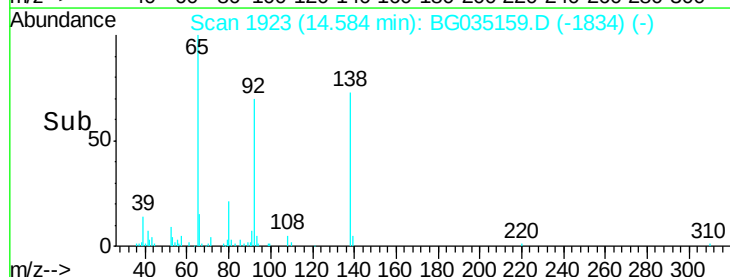
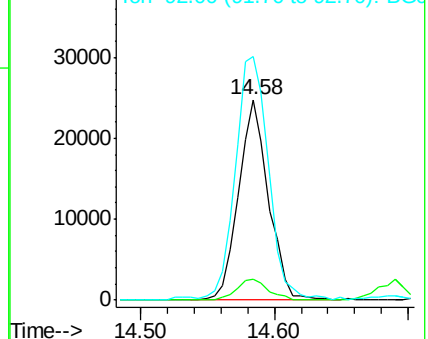
138 100

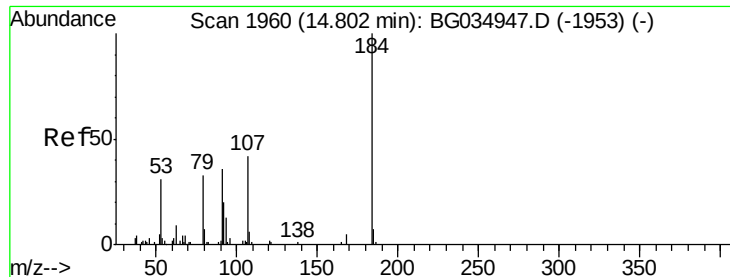
108 10.5 17.5 26.3#

92 121.4 105.8 158.8



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





#53

2,4-Dinitrophenol

Concen: 68.139 ng

RT: 14.78 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

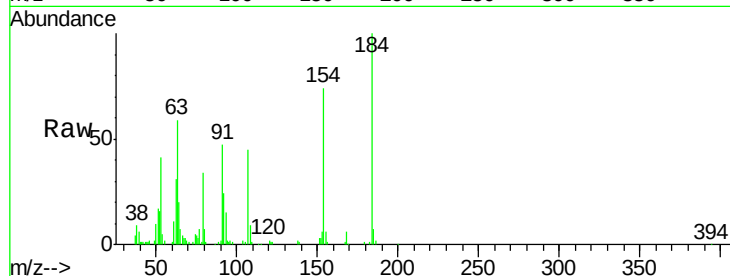
Tgt Ion:184 Resp: 65227

Ion Ratio Lower Upper

184 100

63 59.0 59.8 89.8#

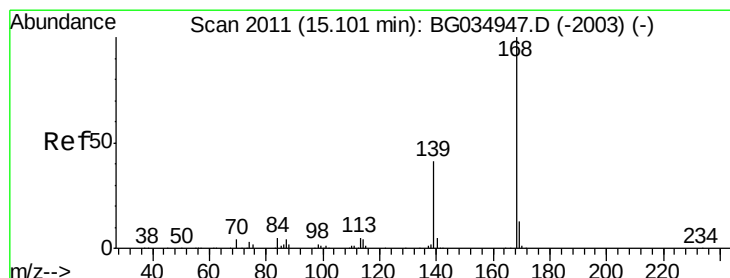
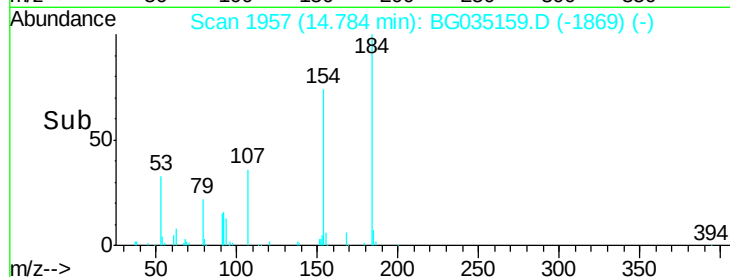
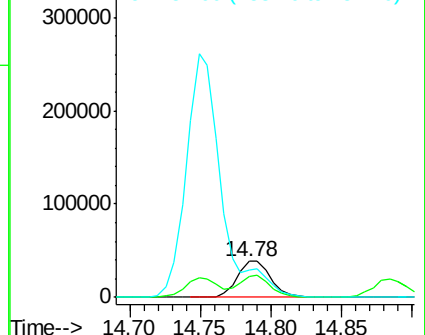
154 74.1 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 46.105 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

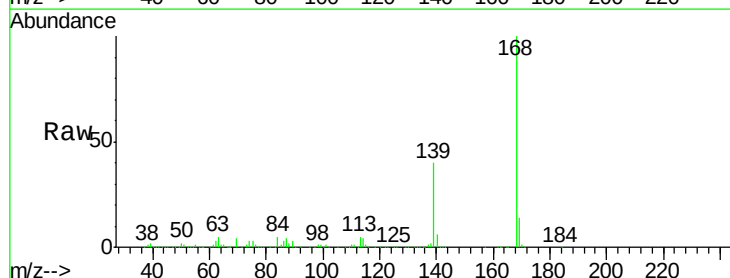
Tgt Ion:168 Resp: 683799

Ion Ratio Lower Upper

168 100

139 40.3 28.6 43.0

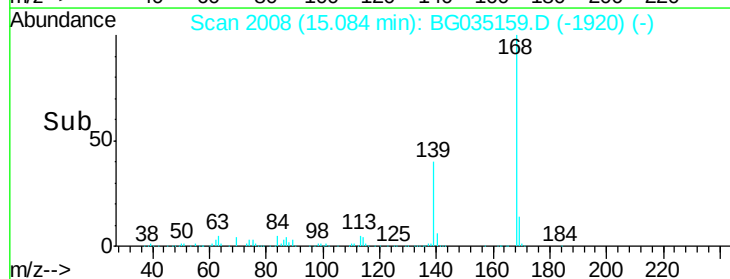
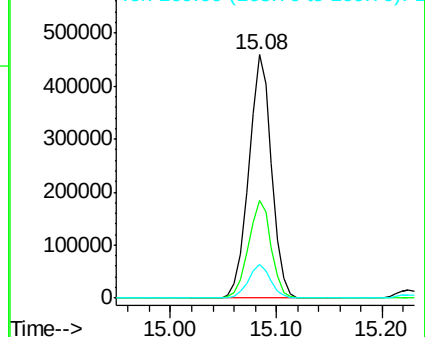
169 13.7 11.2 16.8

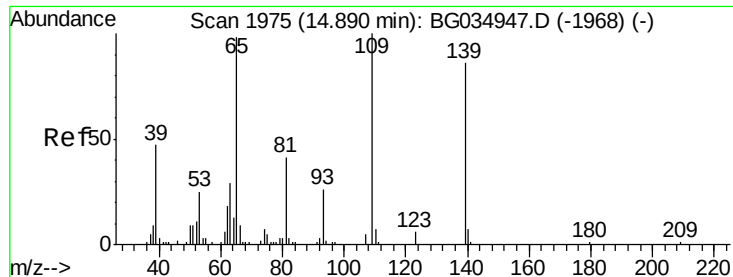


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

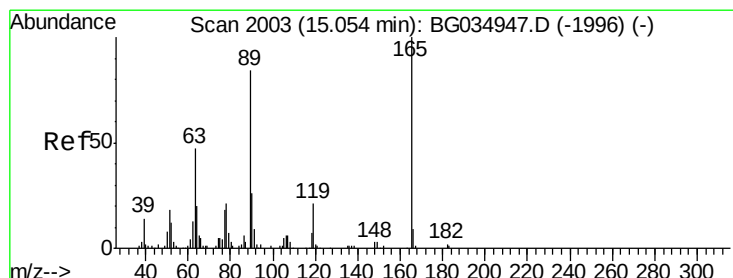
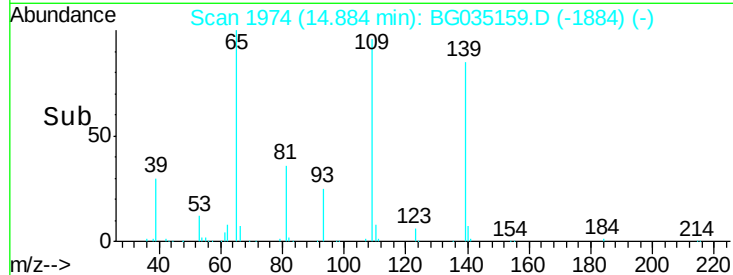
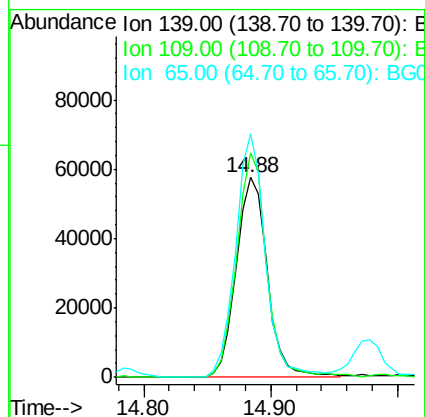
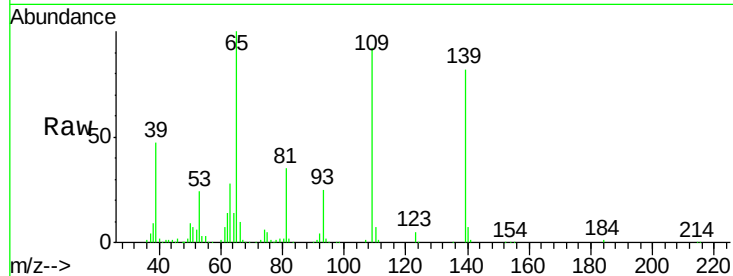




#55
4-Nitrophenol
Concen: 49.945 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

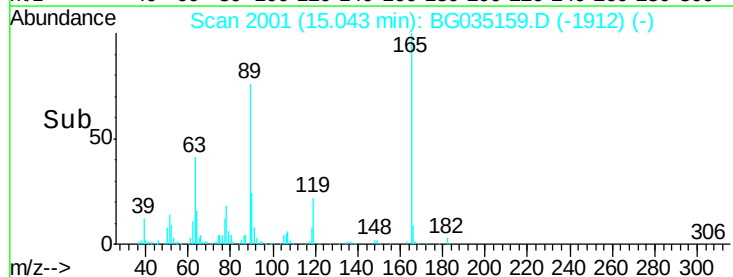
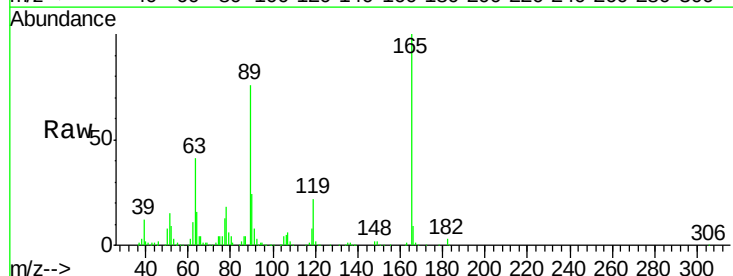
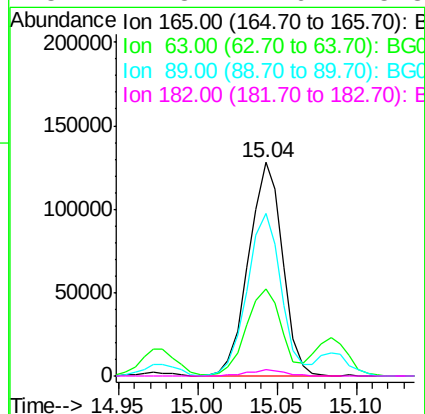
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

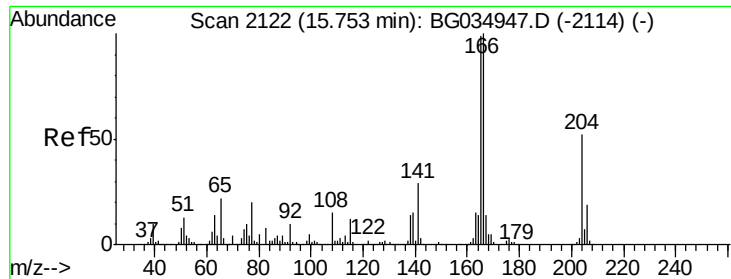
Tgt Ion:139 Resp: 97834
Ion Ratio Lower Upper
139 100
109 112.7 62.2 102.2#
65 122.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 60.470 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion:165 Resp: 190000
Ion Ratio Lower Upper
165 100
63 40.9 42.0 63.0#
89 76.4 66.9 100.3
182 2.8 2.6 3.8

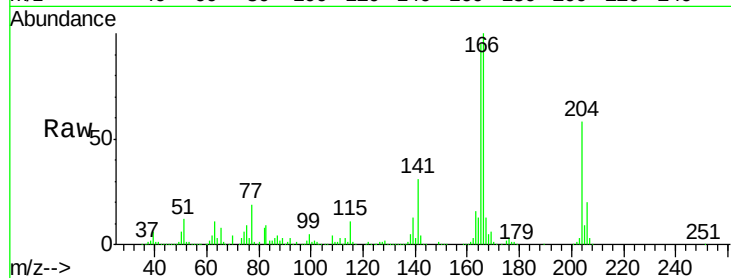




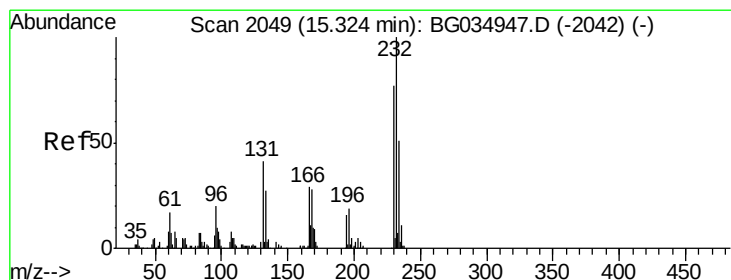
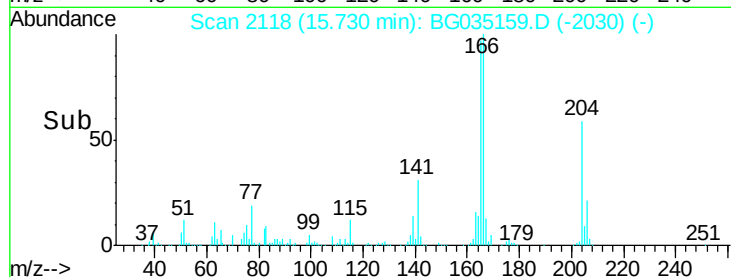
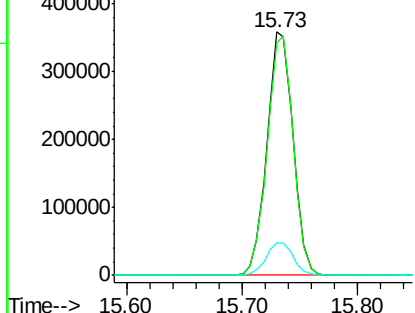
#57
 Fluorene
 Concen: 45.528 ng
 RT: 15.73 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tgt Ion:166 Resp: 564328
 Ion Ratio Lower Upper
 166 100
 165 95.3 80.6 121.0
 167 13.4 10.4 15.6

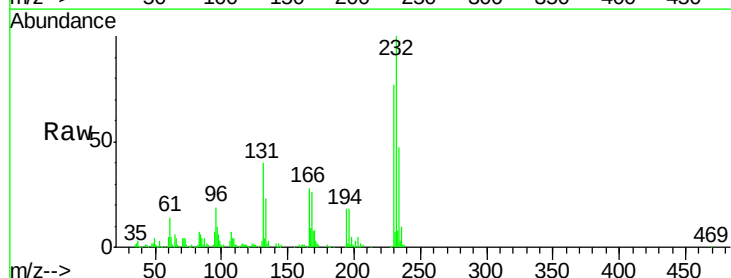


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

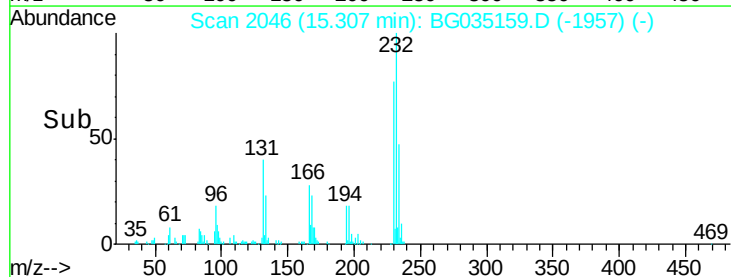
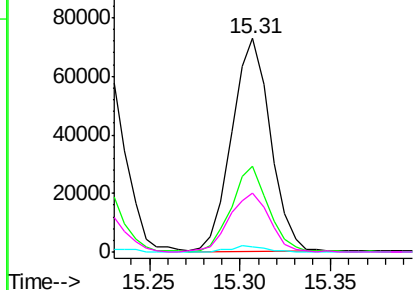


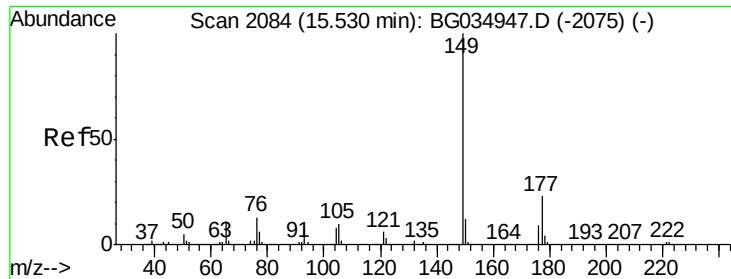
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 30.553 ng
 RT: 15.31 min Scan# 2046
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:232 Resp: 108027
 Ion Ratio Lower Upper
 232 100
 131 38.5 33.5 50.3
 130 2.6 2.2 3.2
 166 29.2 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

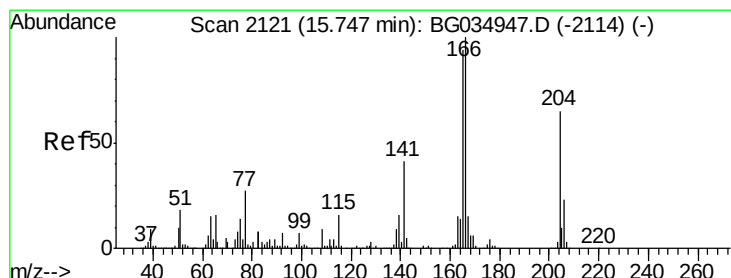
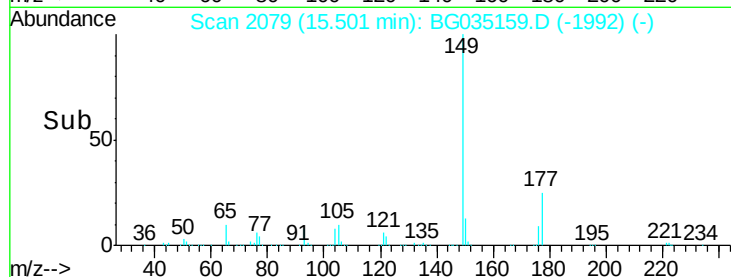
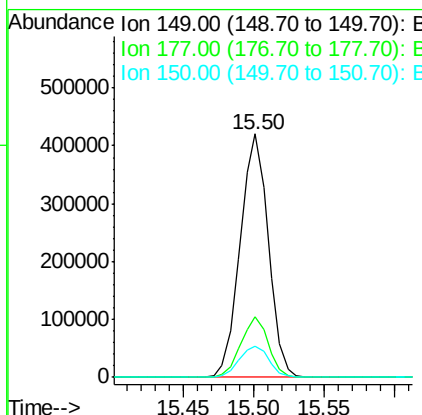
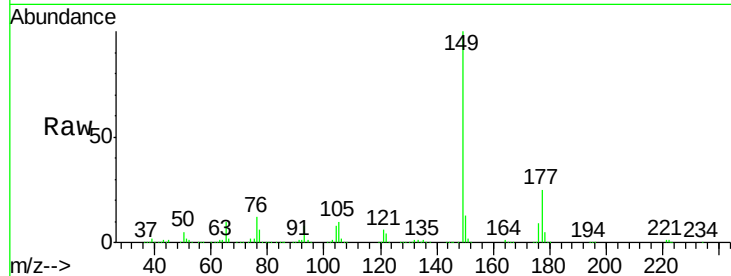




#59
Diethylphthalate
Concen: 44.233 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

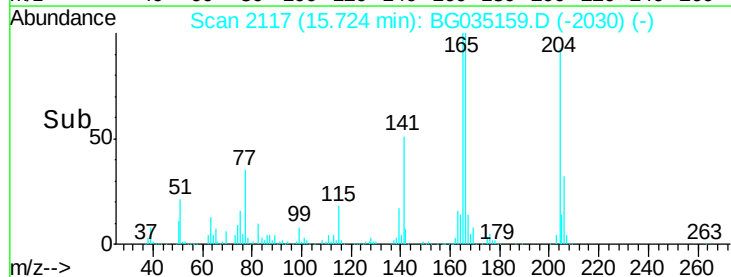
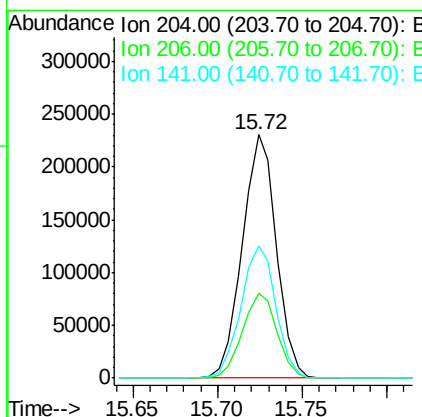
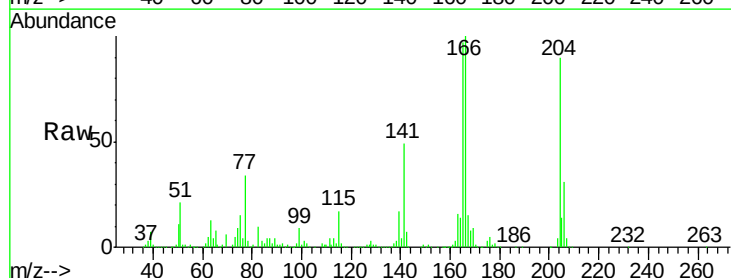
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

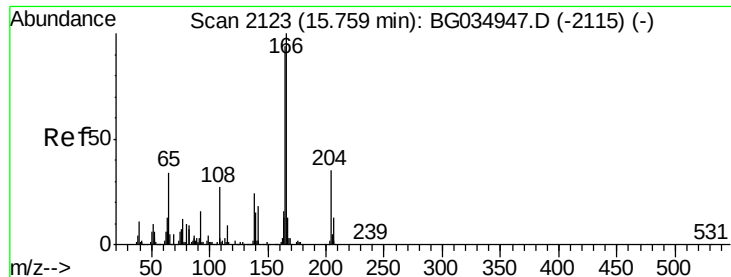
Tgt Ion:149 Resp: 585116
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.668 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion:204 Resp: 322785
Ion Ratio Lower Upper
204 100
206 34.7 26.2 39.2
141 54.4 45.8 68.6

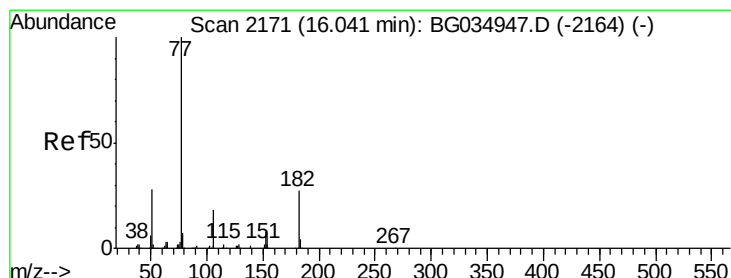
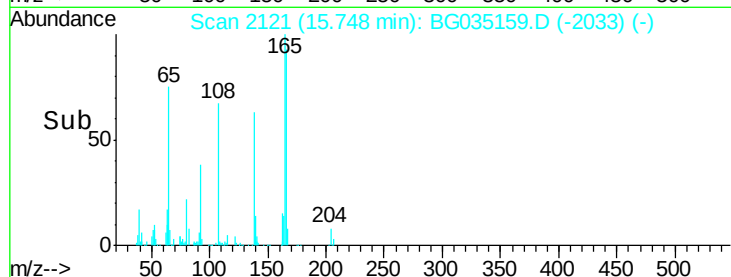
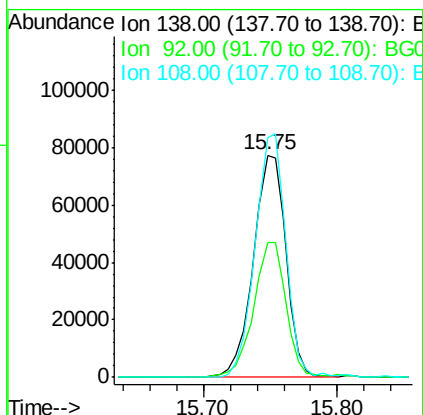
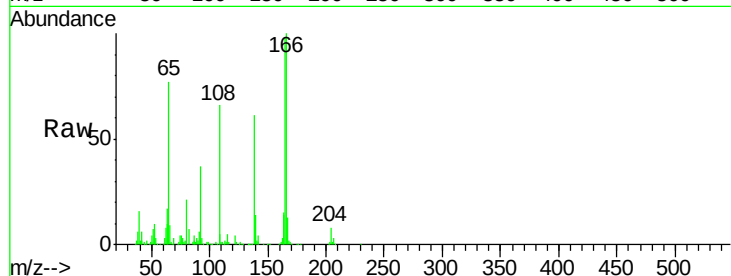




#61
4-Nitroaniline
Concen: 52.267 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

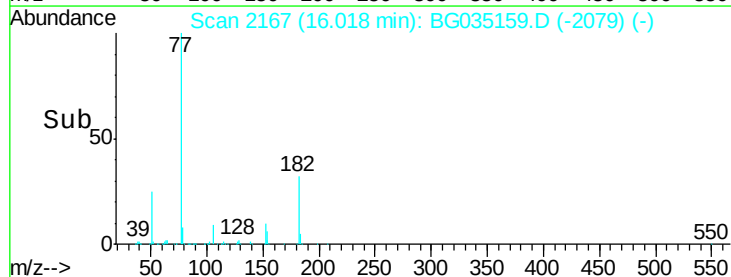
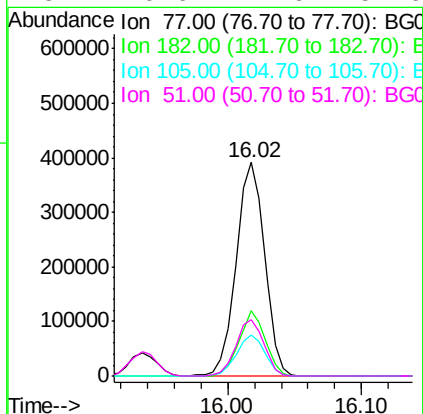
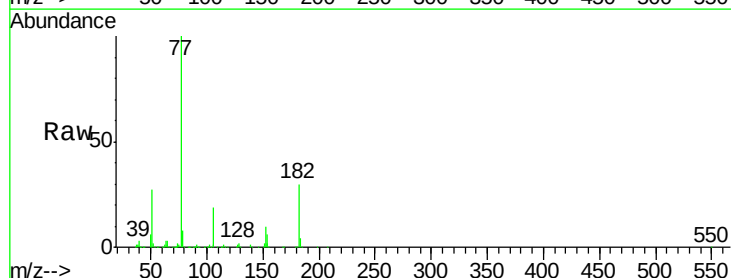
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

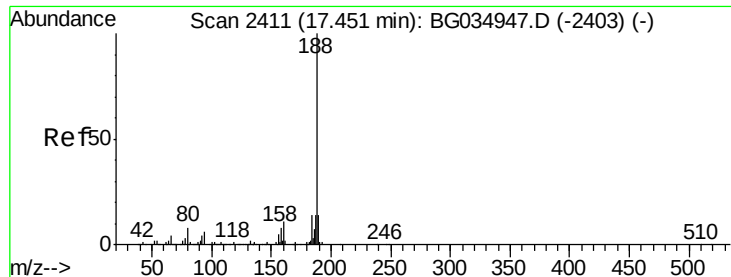
Tgt Ion:138 Resp: 130099
Ion Ratio Lower Upper
138 100
92 60.8 40.1 80.1
108 108.3 65.4 105.4#



#62
Azobenzene
Concen: 44.470 ng
RT: 16.02 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion: 77 Resp: 576444
Ion Ratio Lower Upper
77 100
182 30.3 7.4 47.4
105 19.4 0.3 40.3
51 26.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

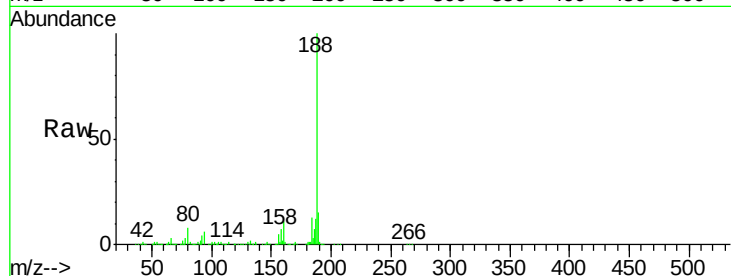
Tgt Ion:188 Resp: 395685

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

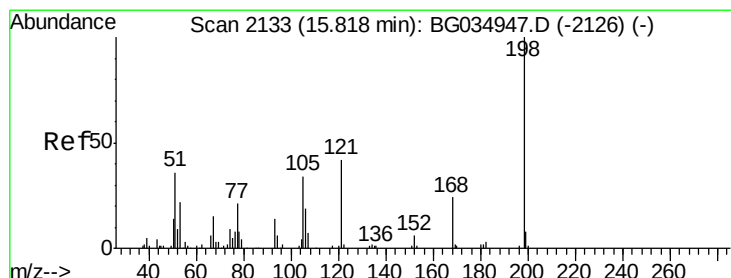
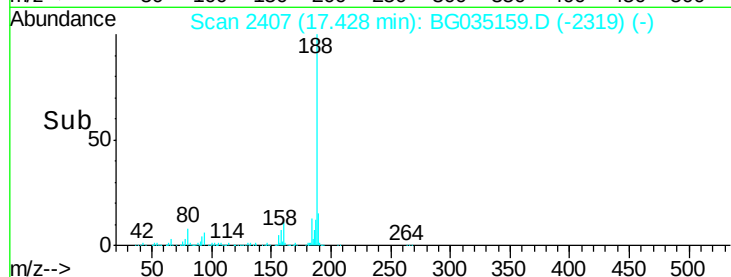
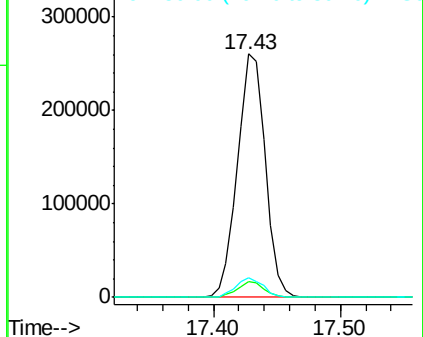
80 7.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 30.153 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

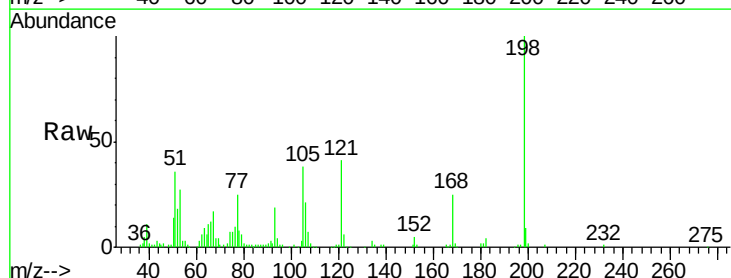
Tgt Ion:198 Resp: 54473

Ion Ratio Lower Upper

198 100

51 35.5 30.6 70.6

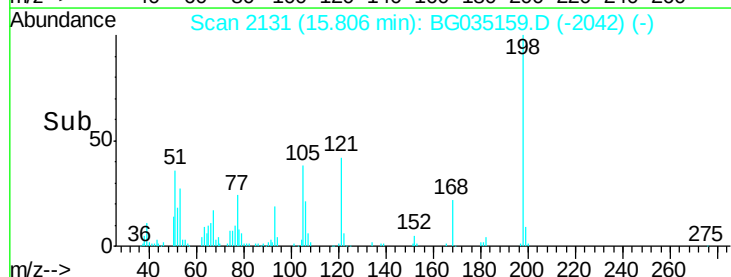
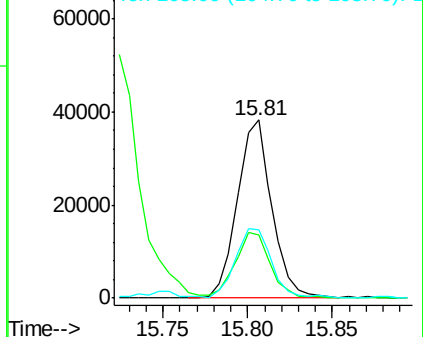
105 38.2 23.8 63.8

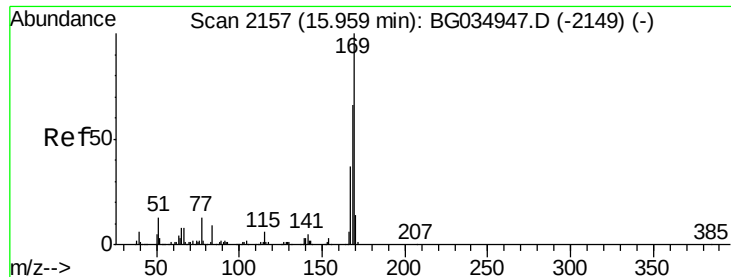


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

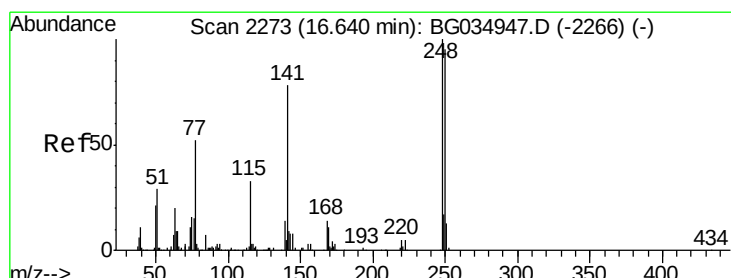
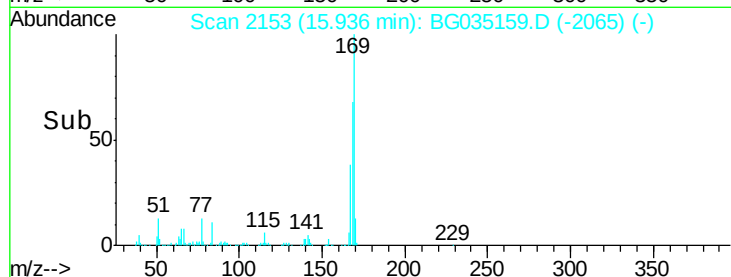
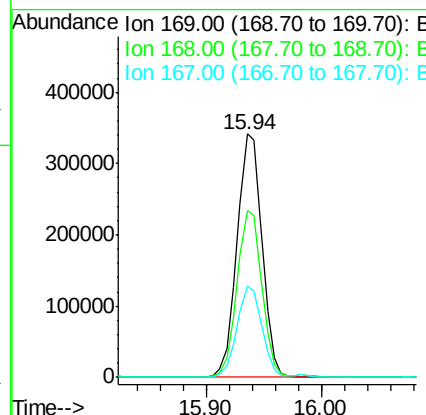
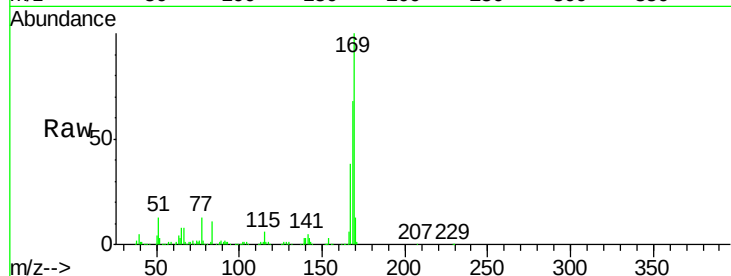




#65
 n-Nitrosodiphenylamine
 Concen: 42.930 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

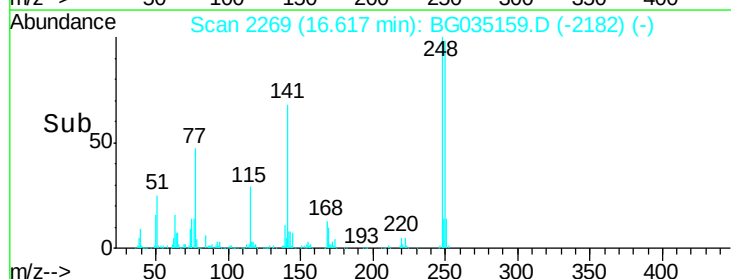
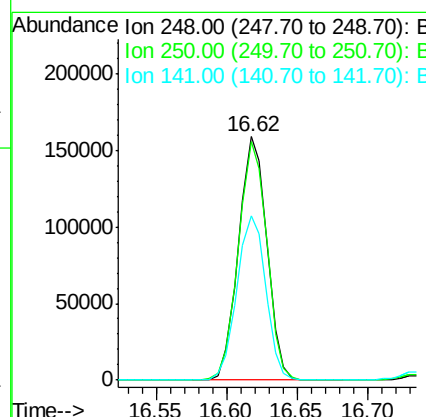
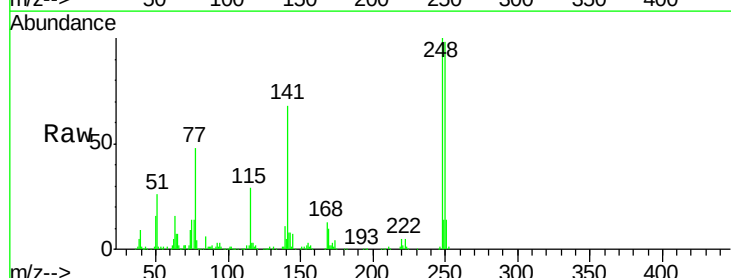
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

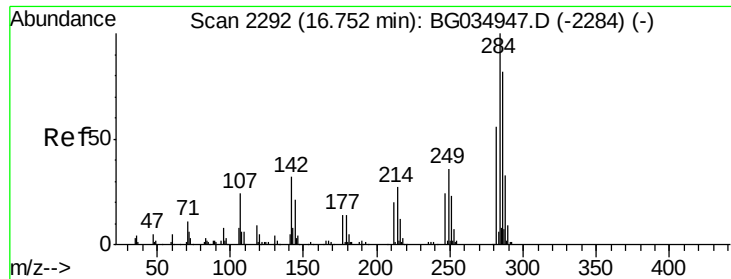
Tgt Ion	Resp	Lower	Upper
169	100		
168	68.4	55.7	83.5
167	37.6	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 46.716 ng
 RT: 16.62 min Scan# 2269
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion	Resp	Lower	Upper
248	100		
250	97.9	77.1	115.7
141	67.7	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.212 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

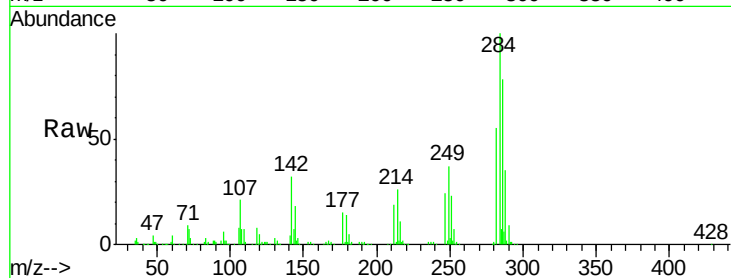
Tgt Ion:284 Resp: 224125

Ion Ratio Lower Upper

284 100

142 31.5 26.8 40.2

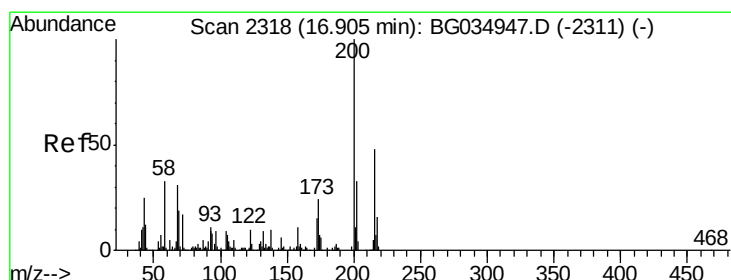
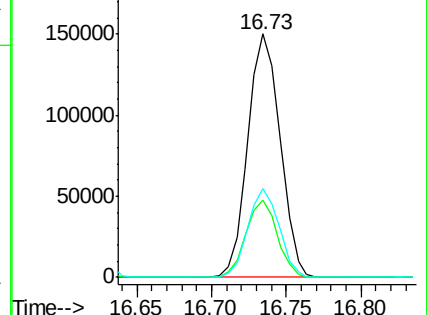
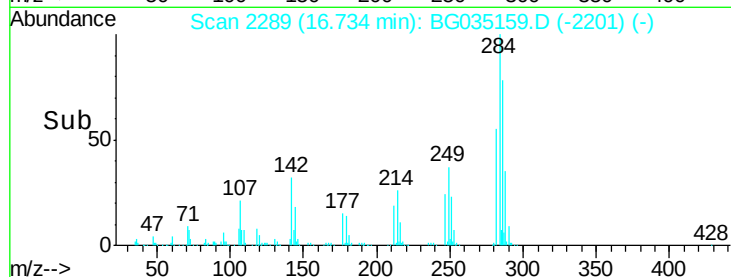
249 36.5 26.3 39.5



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



#68

Atrazine

Concen: 45.655 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

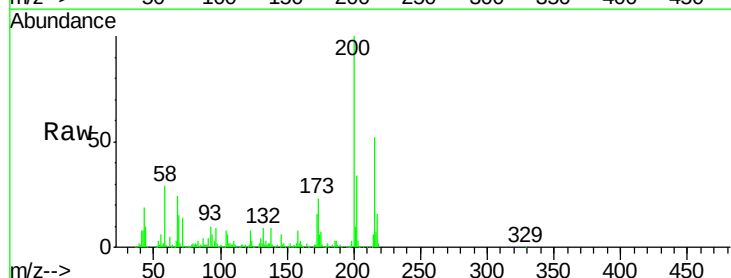
Tgt Ion:200 Resp: 231350

Ion Ratio Lower Upper

200 100

173 23.3 5.2 45.2

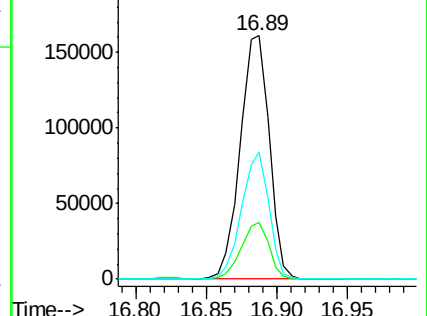
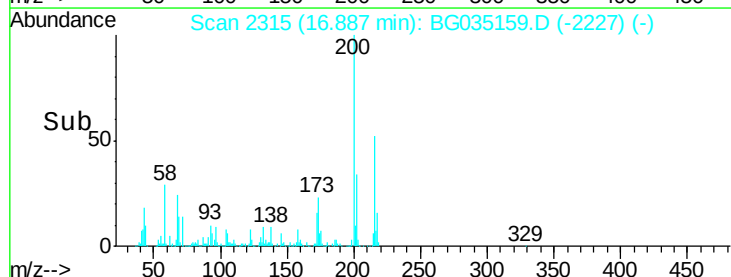
215 52.3 30.4 70.4

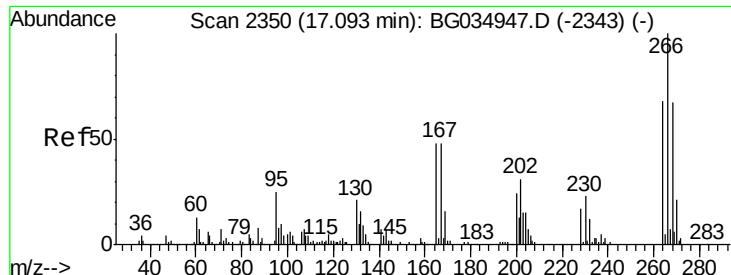


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 46.114 ng

RT: 17.08 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

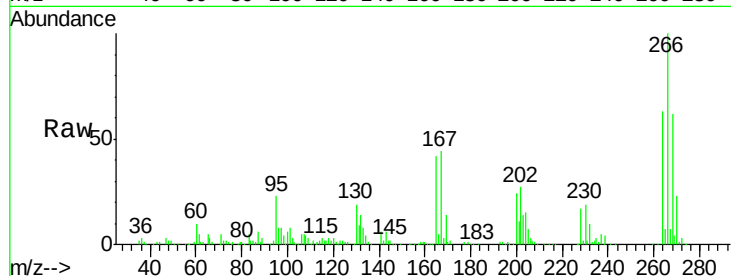
Tgt Ion:266 Resp: 150391

Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

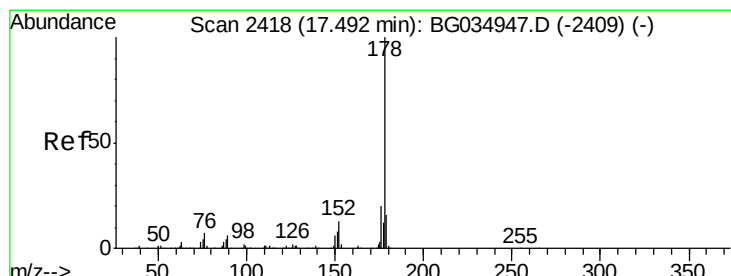
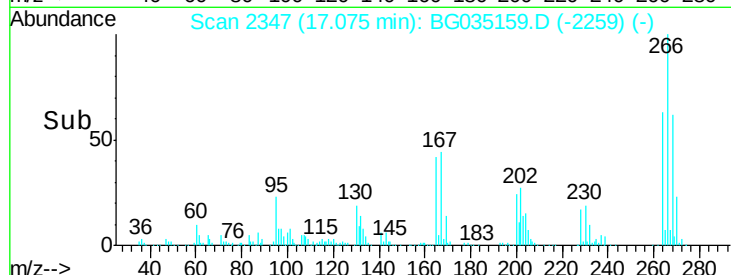
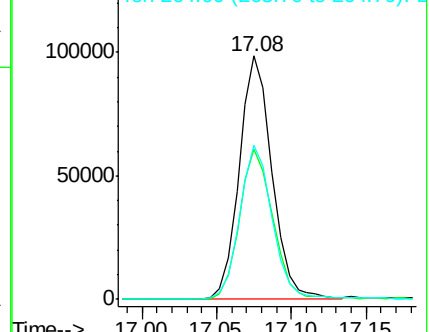
264 63.4 49.6 74.4



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



#70

Phenanthrene

Concen: 45.403 ng

RT: 17.47 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

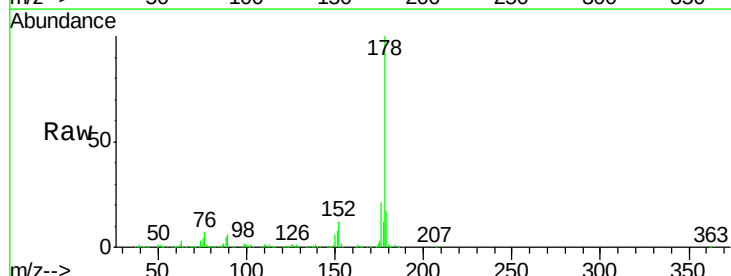
Tgt Ion:178 Resp: 912604

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

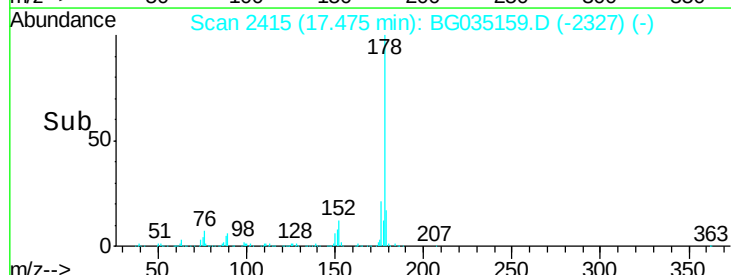
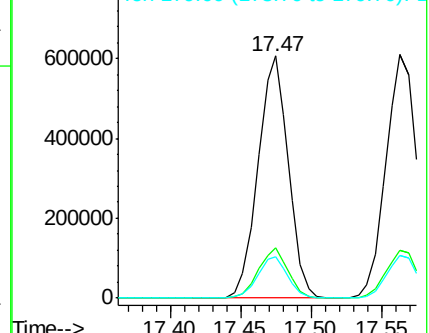
179 17.0 12.5 18.7

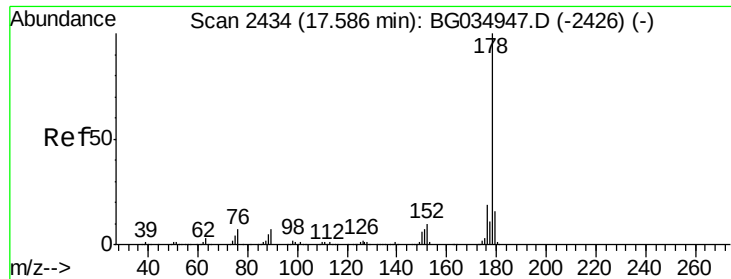


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

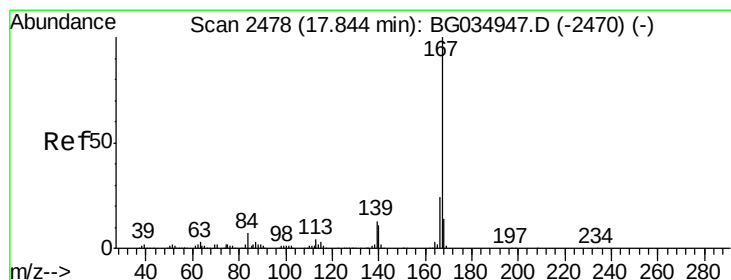
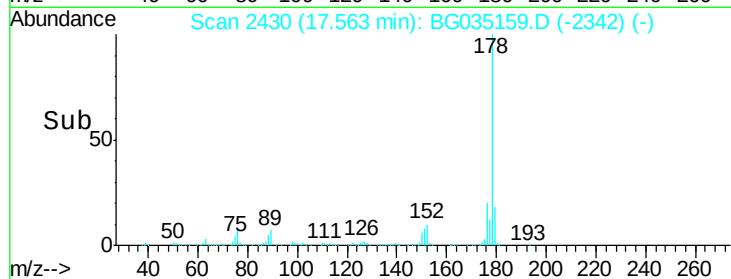
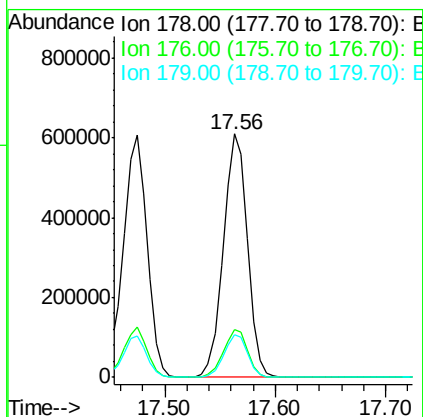
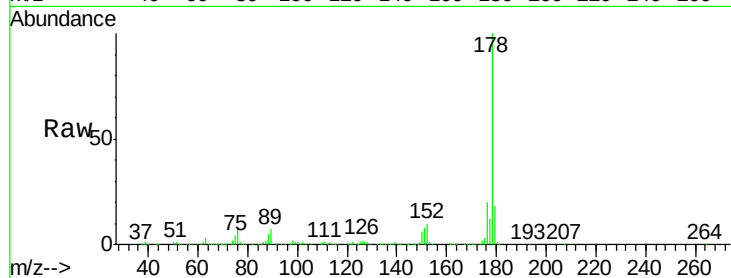




#71
 Anthracene
 Concen: 46.043 ng
 RT: 17.56 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

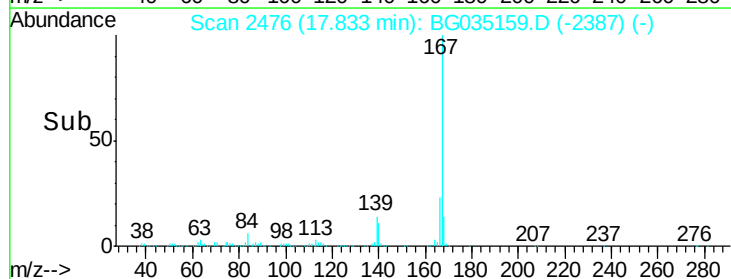
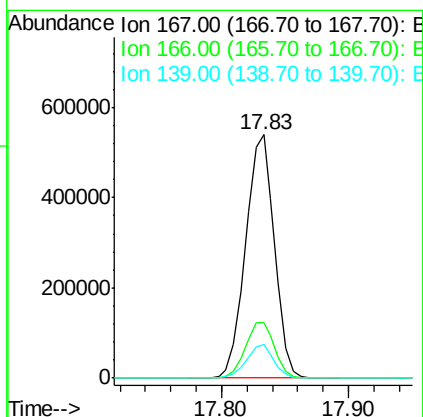
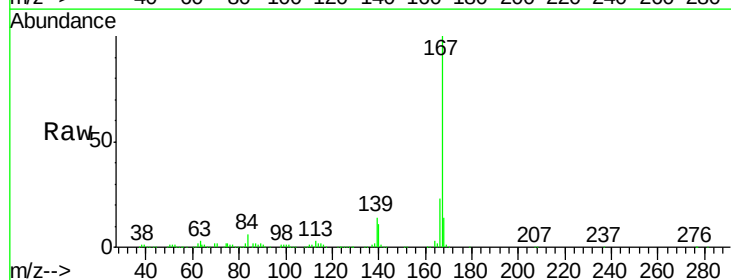
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

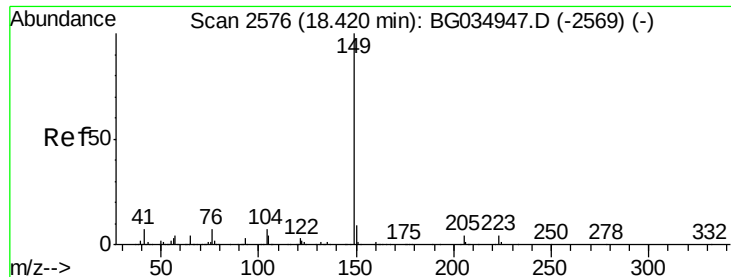
Tgt Ion:178 Resp: 927019
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 17.7 12.5 18.7



#72
 Carbazole
 Concen: 45.477 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.01 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:167 Resp: 849557
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.844 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

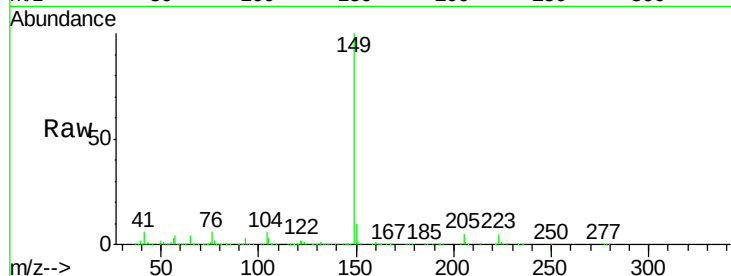
Tgt Ion:149 Resp: 953964

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

104 6.0 3.9 5.9#

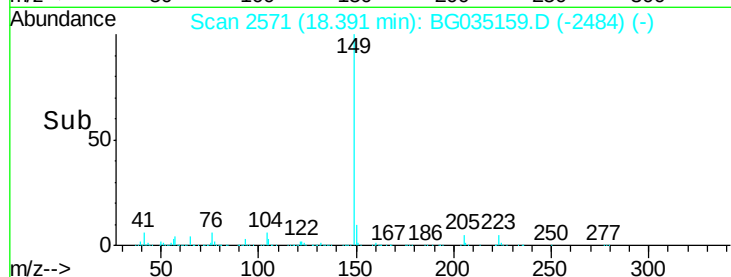


Abundance Ion 149.00 (148.70 to 149.70): E

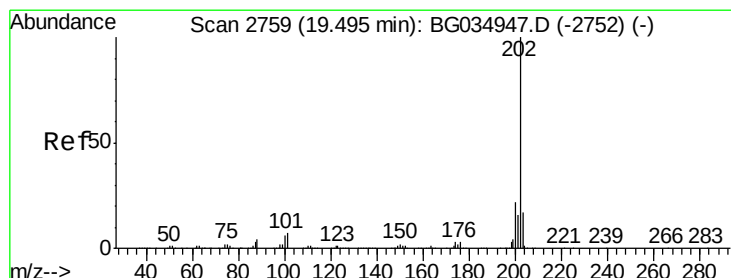
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.39



Time--> 18.30 18.40 18.50



#74

Fluoranthene

Concen: 44.796 ng

RT: 19.48 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

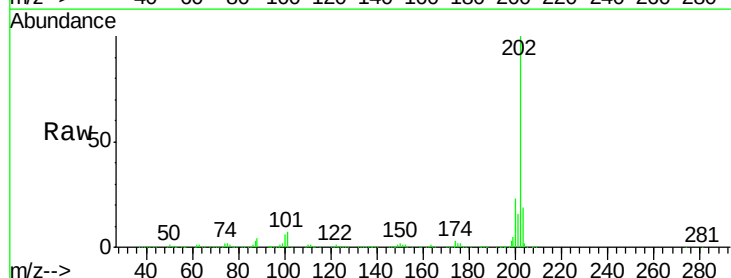
Tgt Ion:202 Resp: 1171646

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.9

203 18.6 0.0 37.5

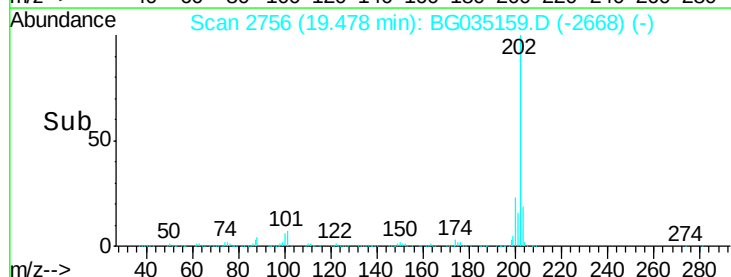


Abundance Ion 202.00 (201.70 to 202.70): E

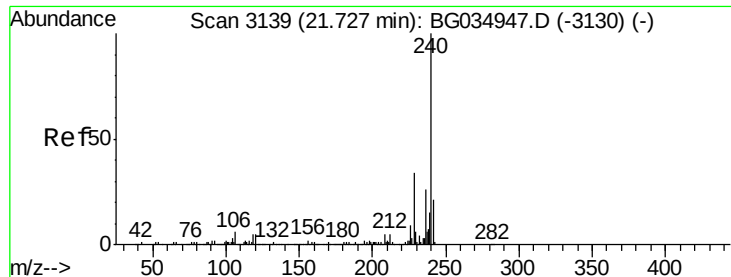
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.48



Time--> 19.40 19.50



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

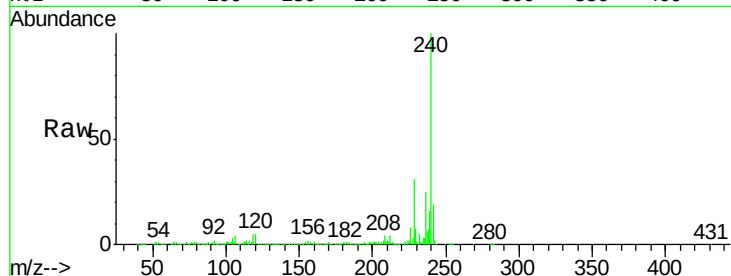
Tgt Ion:240 Resp: 412064

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

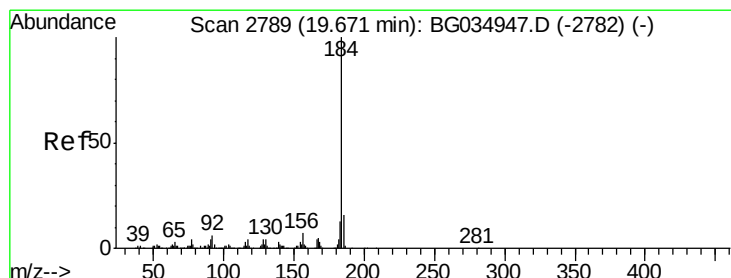
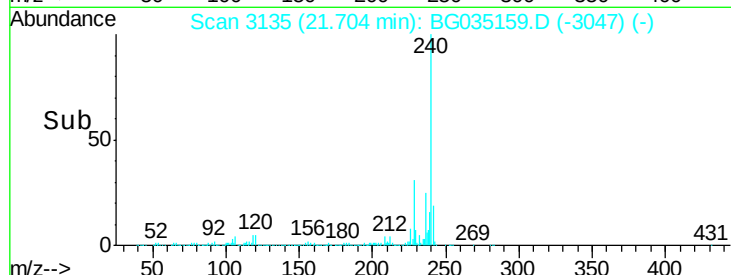
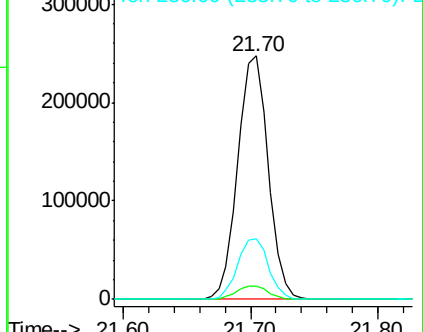
236 25.0 20.9 31.3



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



#76

Benzidine

Concen: 21.079 ng

RT: 19.65 min Scan# 2786

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

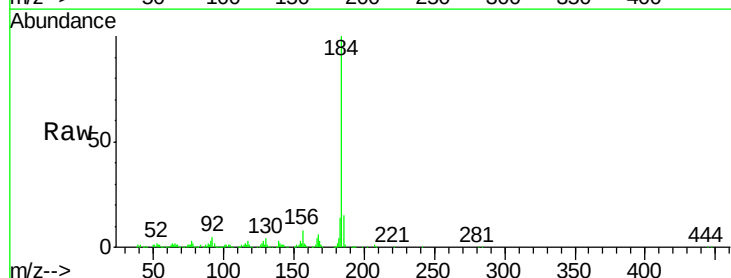
Tgt Ion:184 Resp: 323148

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

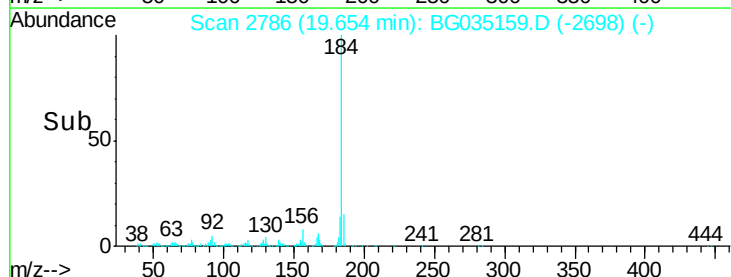
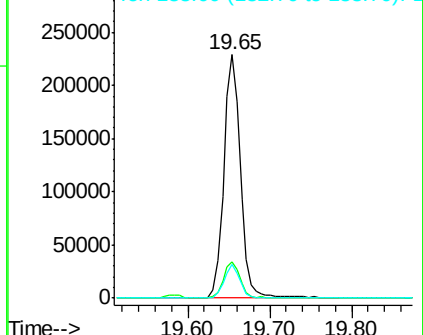
183 14.0 10.6 16.0

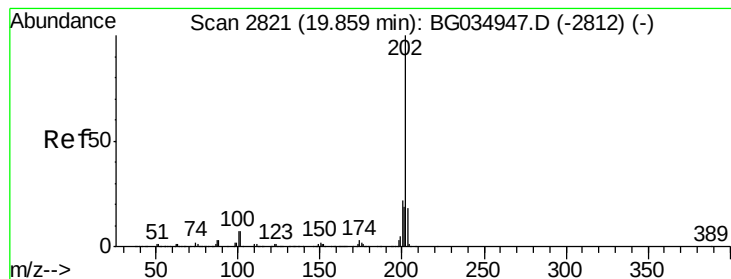


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.729 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

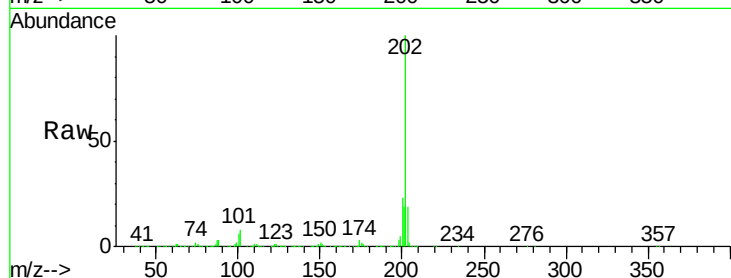
Tgt Ion:202 Resp: 1160728

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

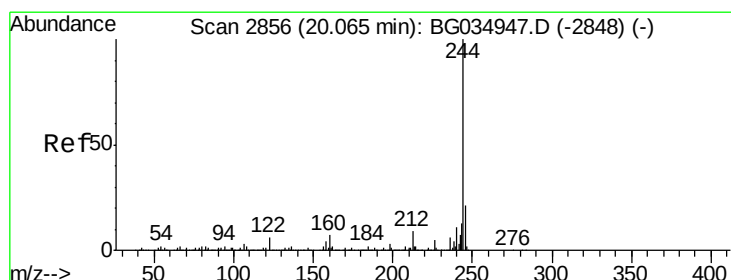
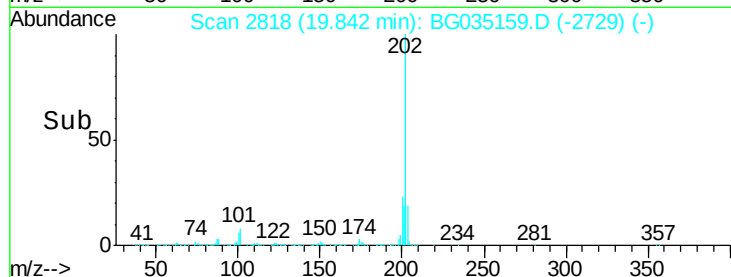
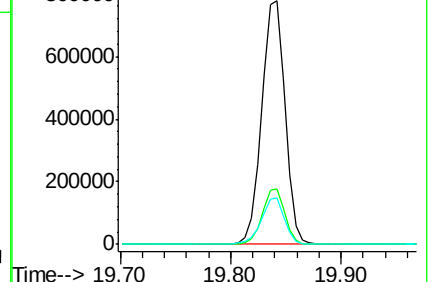
203 19.2 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.826 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

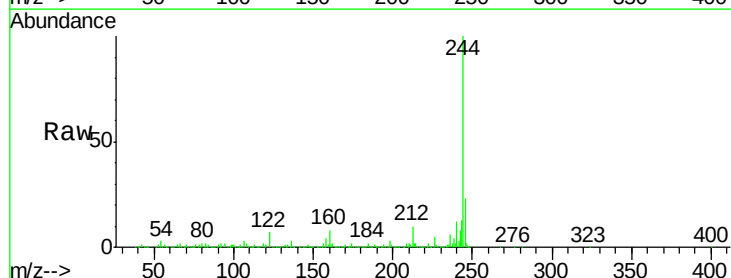
Tgt Ion:244 Resp: 1885096

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

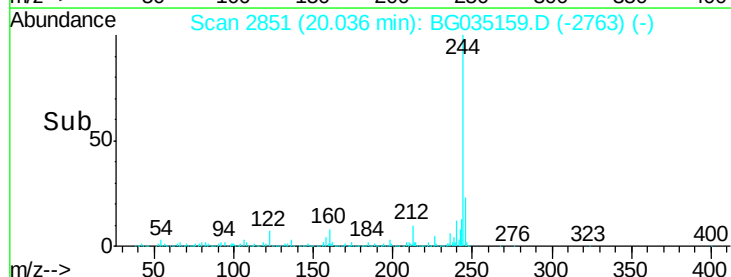
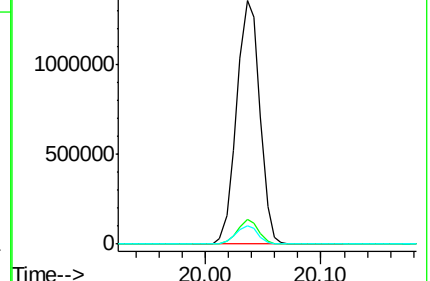
122 7.4 7.0 10.4

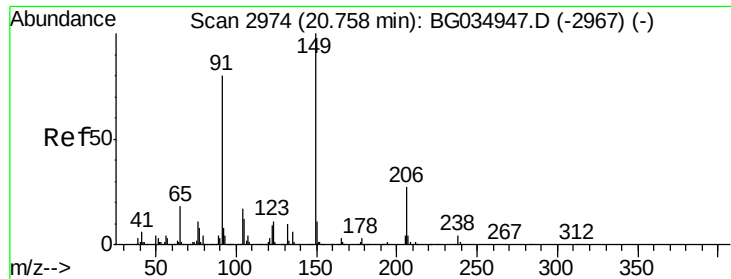


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

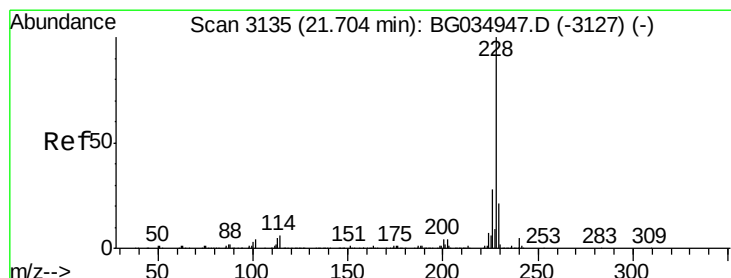
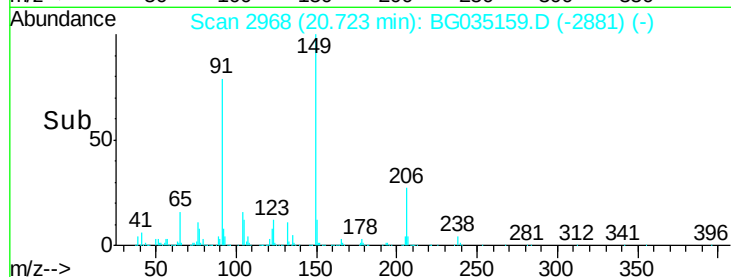
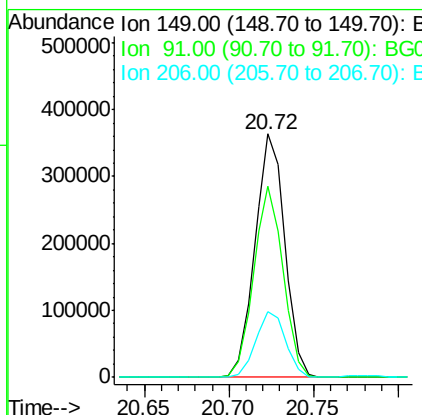
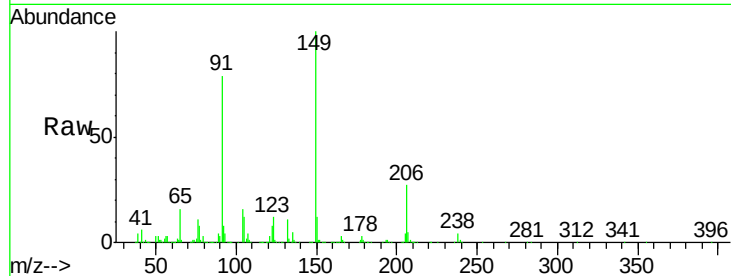




#79
Butylbenzylphthalate
Concen: 45.129 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

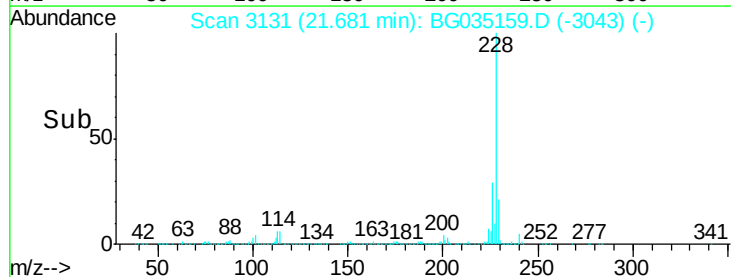
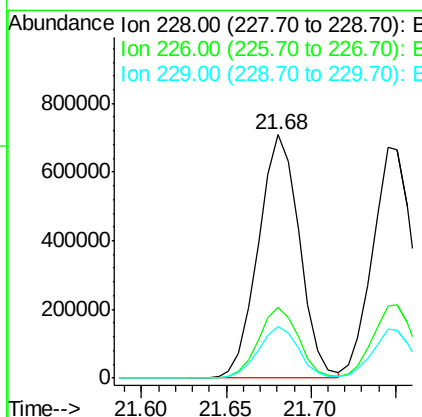
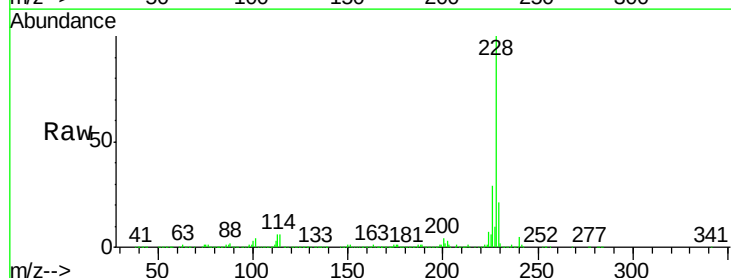
Instrument :
BNA_G
ClientSampleId :
OK-02-061218MSD

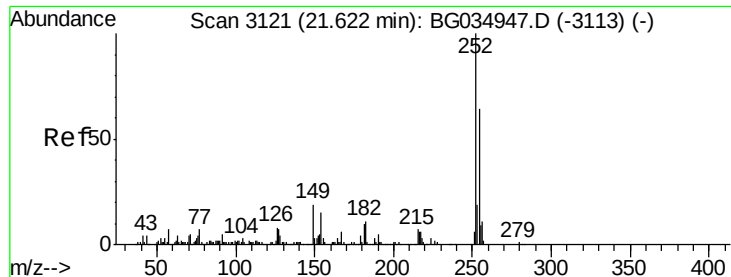
Tgt Ion:149 Resp: 445156
Ion Ratio Lower Upper
149 100
91 78.7 62.2 93.2
206 26.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.512 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG035159.D
Acq: 15 Jun 2018 5:31

Tgt Ion:228 Resp: 1198424
Ion Ratio Lower Upper
228 100
226 29.1 22.7 34.1
229 21.2 16.2 24.2

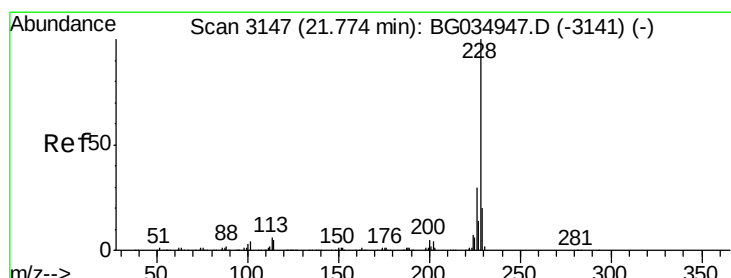
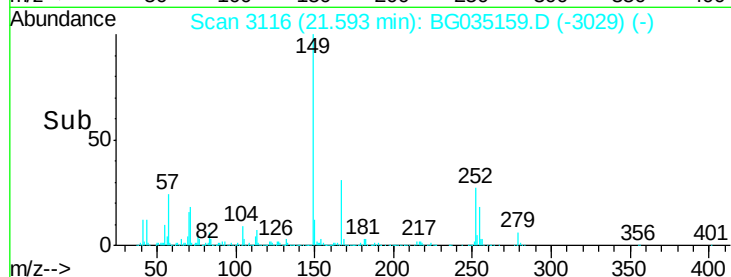
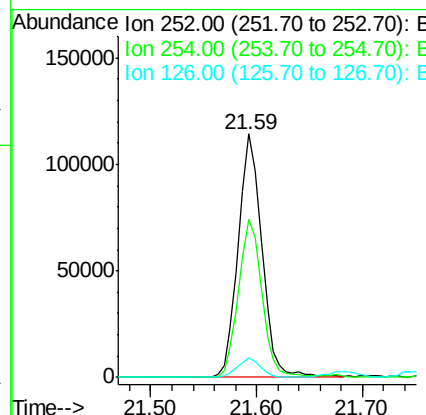
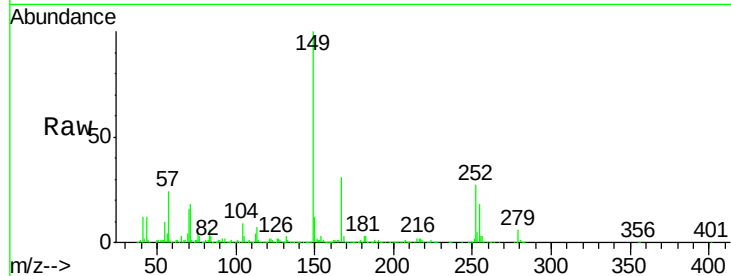




#81
 3,3'-Dichlorobenzidine
 Concen: 17.944 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

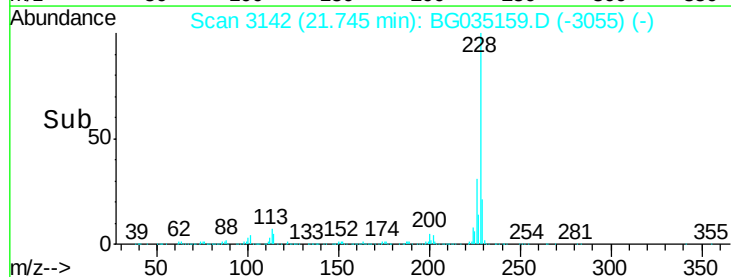
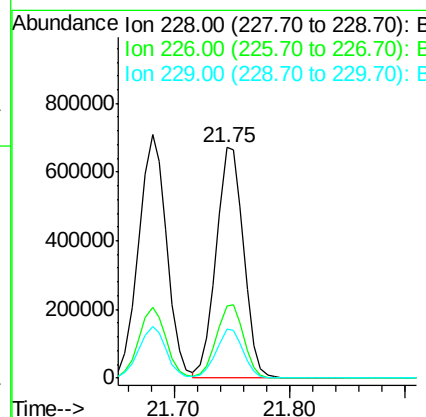
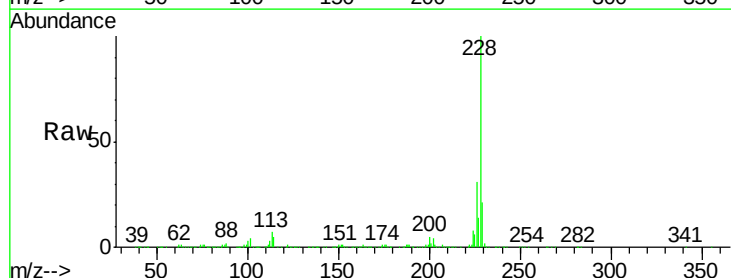
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

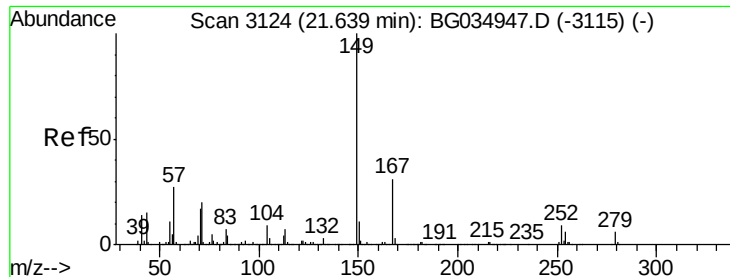
Tgt Ion:252 Resp: 177769
 Ion Ratio Lower Upper
 252 100
 254 65.0 50.8 76.2
 126 7.9 7.4 11.2



#82
 Chrysene
 Concen: 45.840 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:228 Resp: 1105159
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 21.3 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.130 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.03 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

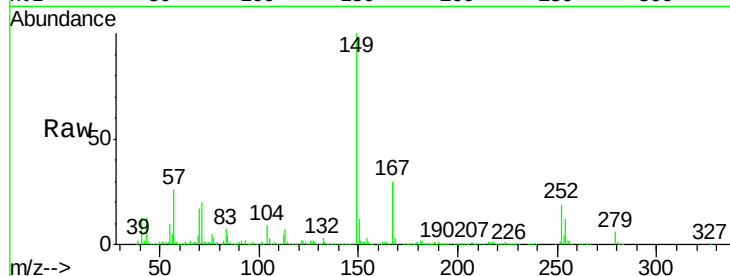
BNA_G

ClientSampleId :

OK-02-061218MSD

Tgt Ion:149 Resp: 615085

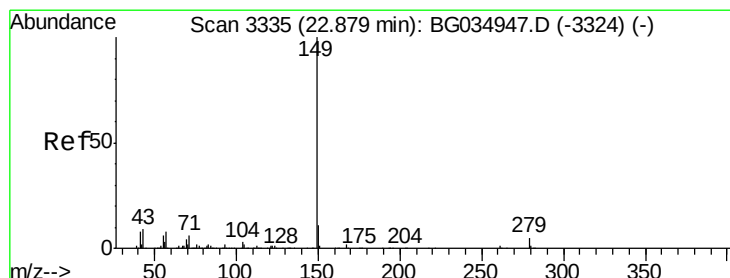
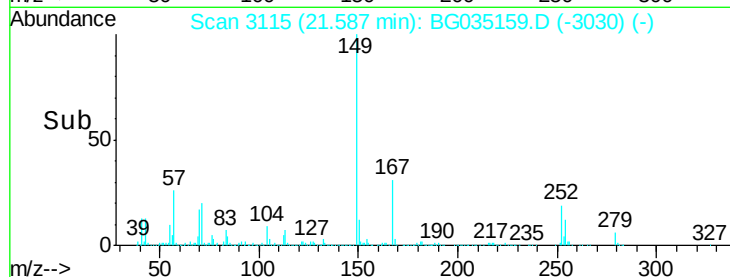
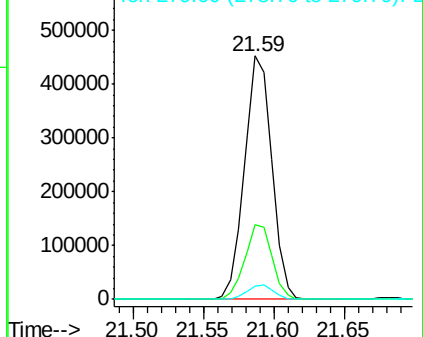
Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.7	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 44.490 ng

RT: 22.81 min Scan# 3323

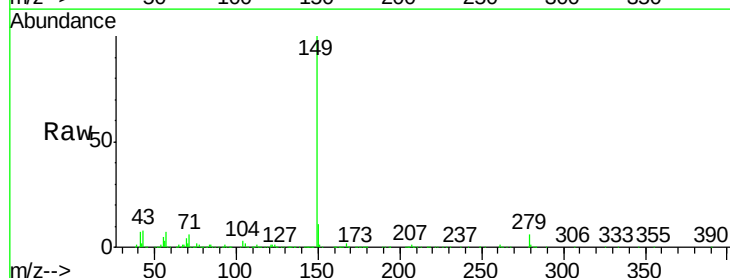
Delta R.T. -0.04 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Tgt Ion:149 Resp: 1063854

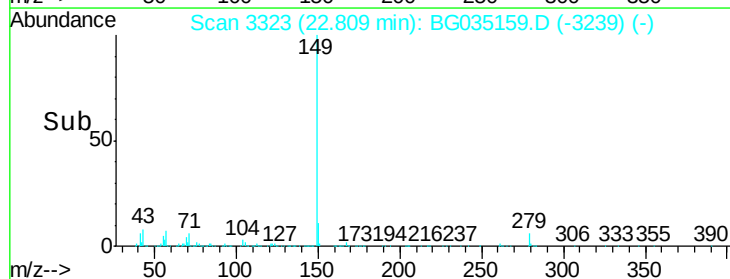
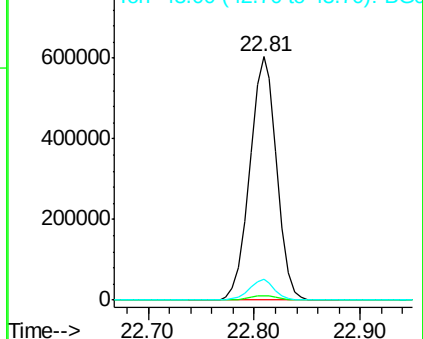
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.9	8.9	13.3#

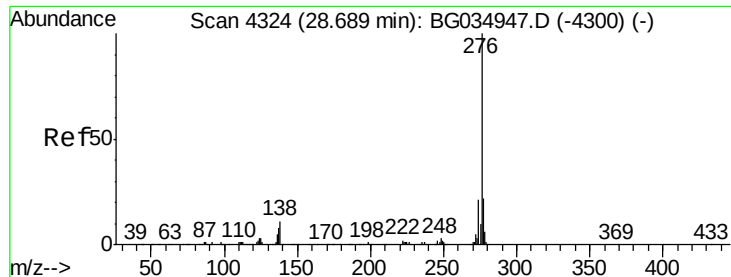


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

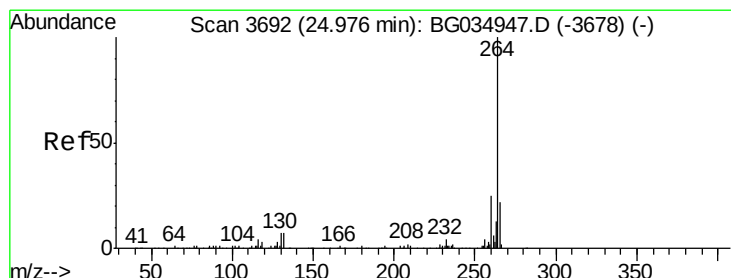
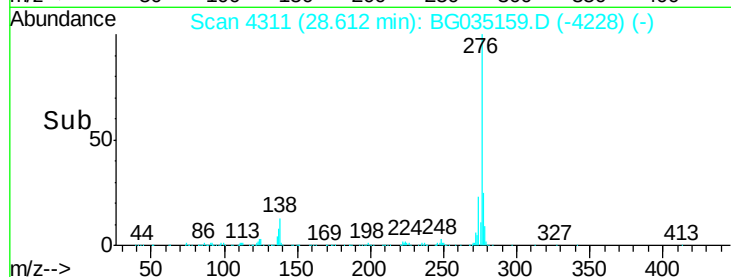
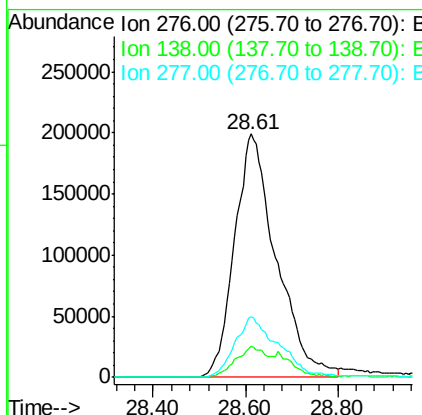
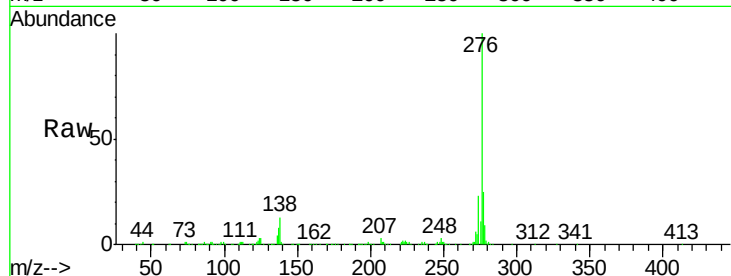




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.211 ng
 RT: 28.61 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

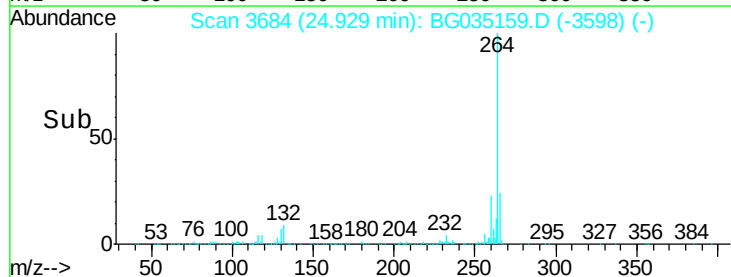
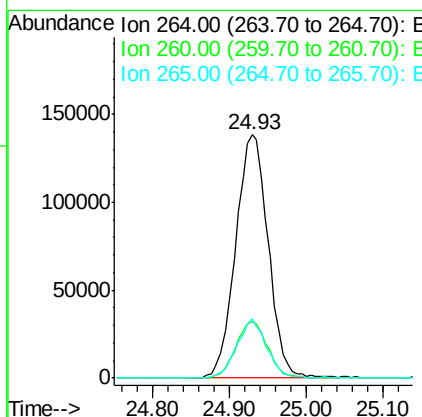
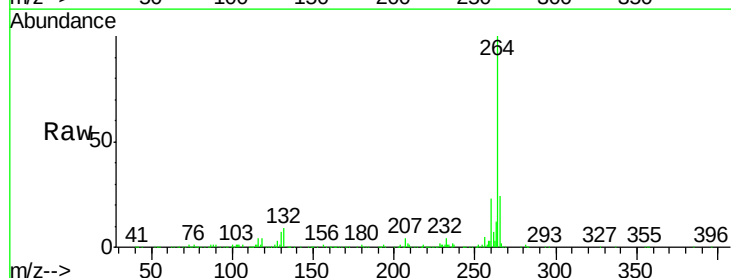
Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

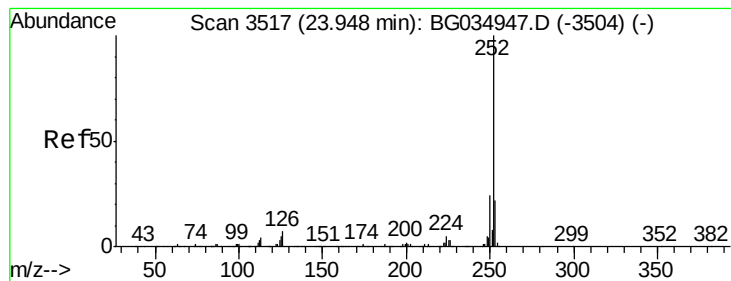
Tgt Ion:276 Resp: 1248349
 Ion Ratio Lower Upper
 276 100
 138 9.7 16.0 24.0#
 277 26.0 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.93 min Scan# 3684
 Delta R.T. -0.02 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Tgt Ion:264 Resp: 408896
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 24.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 47.226 ng

RT: 23.91 min Scan# 3510

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

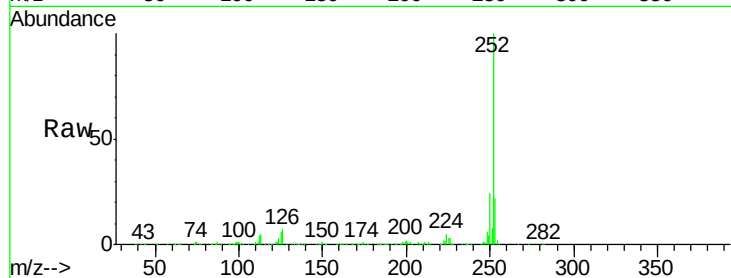
Tgt Ion:252 Resp: 1189187

Ion Ratio Lower Upper

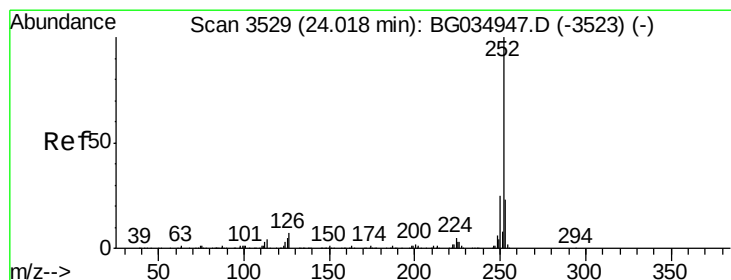
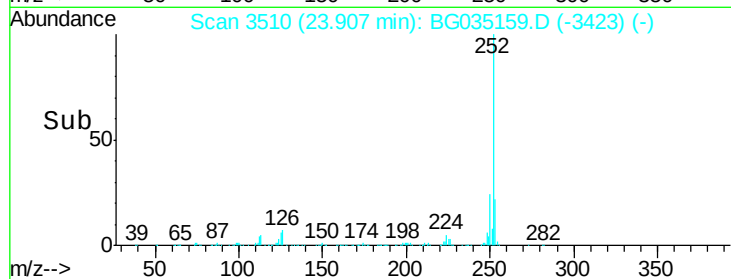
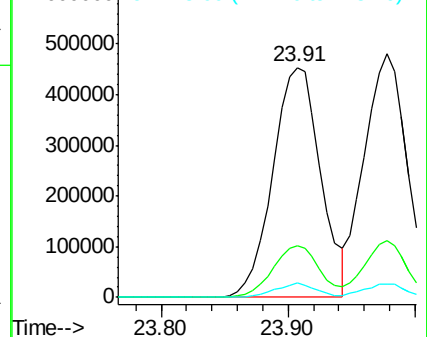
252 100

253 22.4 18.2 27.4

125 6.1 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 45.427 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

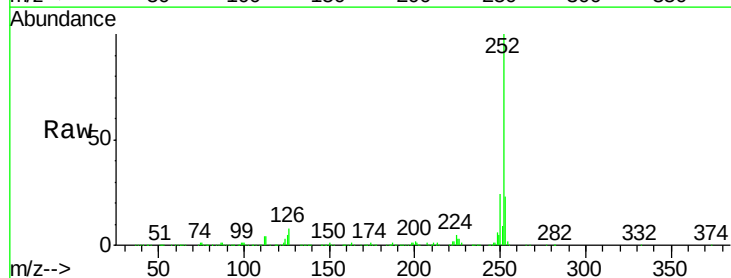
Tgt Ion:252 Resp: 1118956

Ion Ratio Lower Upper

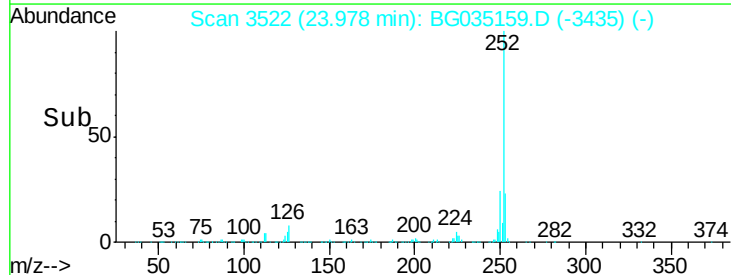
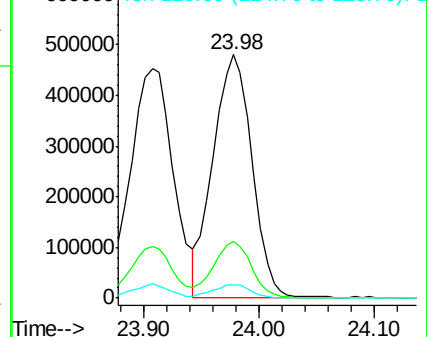
252 100

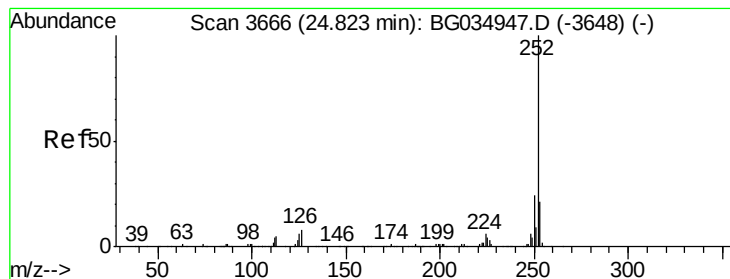
253 23.5 17.4 26.2

125 5.4 6.6 9.8#



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(a)pyrene

Concen: 47.658 ng

RT: 24.78 min Scan# 3659

Delta R.T. -0.02 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

Instrument :

BNA_G

ClientSampleId :

OK-02-061218MSD

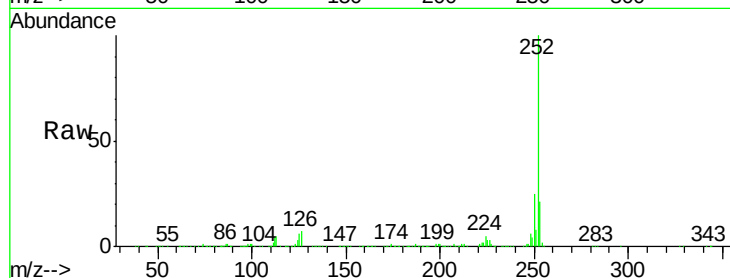
Tgt Ion:252 Resp: 1129226

Ion Ratio Lower Upper

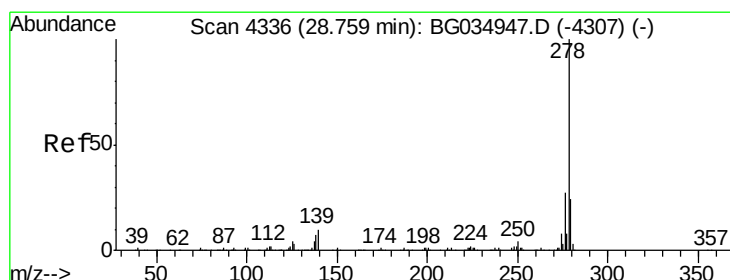
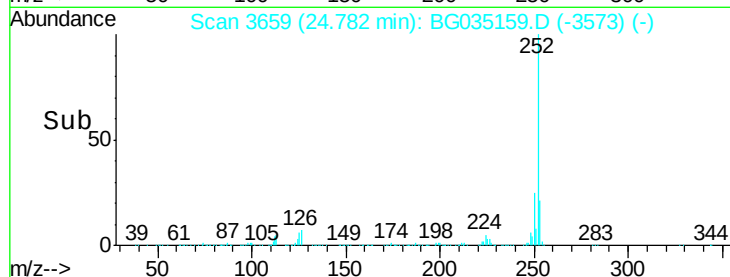
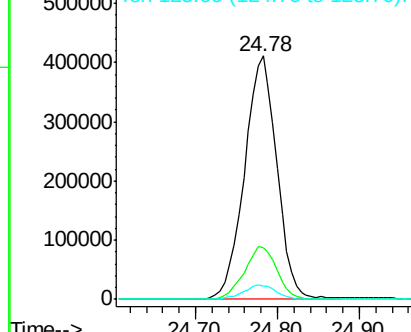
252 100

253 21.3 18.3 27.5

125 5.6 7.3 10.9#



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



#90

Dibenzo(a,h)anthracene

Concen: 42.393 ng

RT: 28.68 min Scan# 4323

Delta R.T. -0.04 min

Lab File: BG035159.D

Acq: 15 Jun 2018 5:31

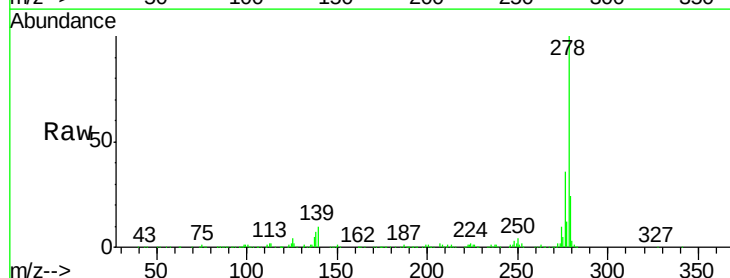
Tgt Ion:278 Resp: 991590

Ion Ratio Lower Upper

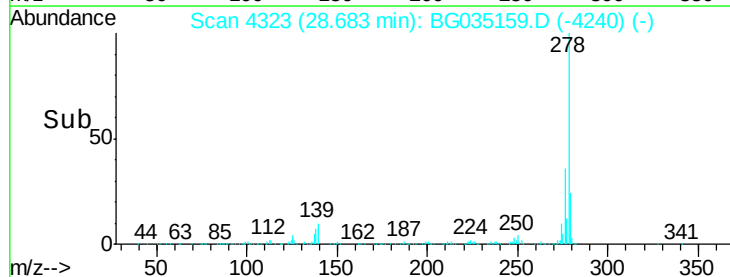
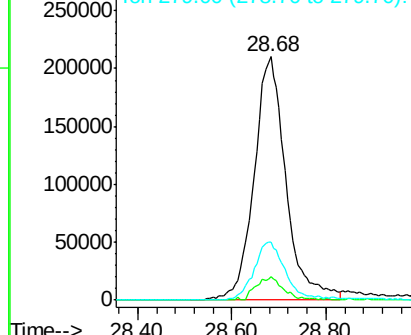
278 100

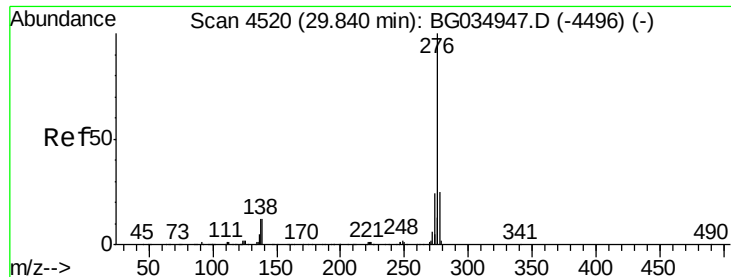
139 9.5 9.8 14.6#

279 23.6 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

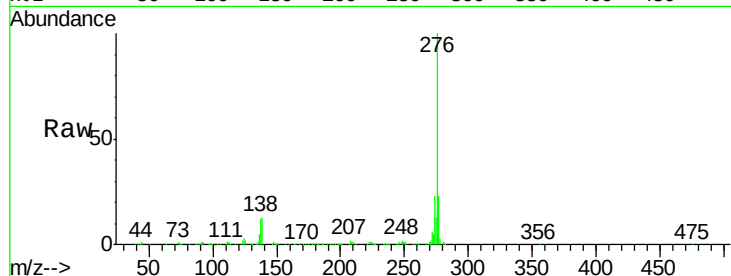




#91
 Benzo(g,h,i)perylene
 Concen: 44.220 ng
 RT: 29.77 min Scan# 4508
 Delta R.T. -0.04 min
 Lab File: BG035159.D
 Acq: 15 Jun 2018 5:31

Instrument :
 BNA_G
 ClientSampleId :
 OK-02-061218MSD

Tgt Ion: 276 Resp: 1012235
 Ion Ratio Lower Upper
 276 100
 277 23.0 18.3 27.5
 138 12.7 13.9 20.9#



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

