

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035338.D
 Acq On : 22 Jun 2018 18:06
 Operator : JU/SJ
 Sample : J3246-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Quant Time: Jun 22 22:04:45 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	8.05	152	51827	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	183030	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	128530	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	344000	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	369847	20.00	ng	-0.03
86) Perylene-d12	24.91	264	364478	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	448630	146.08	ng	0.00
7) Phenol-d6	7.22	99	610696	134.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	453403	117.75	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	333616	202.76	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	988175	99.95	ng	-0.02
78) Terphenyl-d14	20.03	244	1849434	104.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.56	88	56512	38.568	ng	# 72
3) Pyridine	3.96	79	151578	38.340	ng	# 69
4) n-Nitrosodimethylamine	3.86	42	68685	40.440	ng	# 75
6) Aniline	7.38	93	144049	24.586	ng	98
8) 2-Chlorophenol	7.62	128	155759	48.386	ng	94
9) Benzaldehyde	7.19	77	85139	24.386	ng	93
10) Phenol	7.25	94	203815	43.450	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	163115	44.802	ng	87
12) 1,3-Dichlorobenzene	7.95	146	179842	46.823	ng	98
13) 1,4-Dichlorobenzene	8.09	146	182461	46.019	ng	93
14) 1,2-Dichlorobenzene	8.41	146	168968	45.370	ng	97
15) Benzyl Alcohol	8.29	79	193844	45.133	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	171962	47.455	ng	77
17) 2-Methylphenol	8.49	107	153794	49.730	ng	91
18) Hexachloroethane	9.14	117	69109	48.687	ng	84
19) n-Nitroso-di-n-propylamine	8.86	70	150445	39.068	ng	# 84
20) 3+4-Methylphenols	8.82	107	212260	47.884	ng	93
22) Acetophenone	8.87	105	273569	48.251	ng	# 88
24) Nitrobenzene	9.26	77	220480	55.918	ng	93
25) Isophorone	9.78	82	428150	52.666	ng	99
26) 2-Nitrophenol	9.97	139	89056	65.526	ng	# 86
27) 2,4-Dimethylphenol	10.03	122	162238	56.791	ng	93
28) bis(2-Chloroethoxy)methane	10.26	93	222999	51.045	ng	99
29) 2,4-Dichlorophenol	10.50	162	185841	59.787	ng	94
30) 1,2,4-Trichlorobenzene	10.72	180	198512	53.259	ng	96
31) Naphthalene	10.91	128	484339	50.939	ng	98
32) Benzoic acid	10.17	122	98670	51.566	ng	92
33) 4-Chloroaniline	11.02	127	26087	6.319	ng	92
34) Hexachlorobutadiene	11.19	225	155199	53.540	ng	97
35) Caprolactam	11.79	113	37199	32.381	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	219372	56.615	ng	93
37) 2-Methylnaphthalene	12.51	142	385132	53.426	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	266263	55.617	ng	97
40) Hexachlorocyclopentadiene	12.86	237	355528	118.423	ng	93

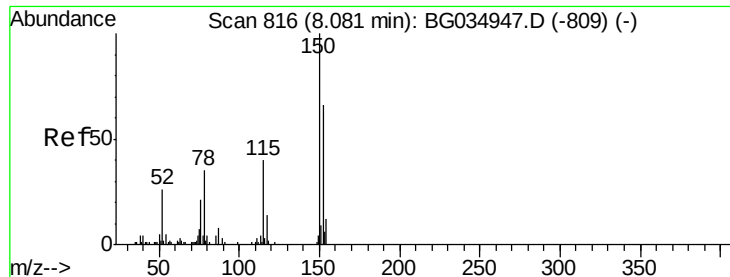
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035338.D
 Acq On : 22 Jun 2018 18:06
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	175938	61.374	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	194312	61.757	ng	97
45) 1,1'-Biphenyl	13.52	154	520478	50.360	ng	97
46) 2-Chloronaphthalene	13.56	162	410822	52.575	ng	100
47) 2-Nitroaniline	13.76	65	143384	62.141	ng	90
48) Acenaphthylene	14.40	152	691034	52.741	ng	97
49) Dimethylphthalate	14.13	163	575923	51.384	ng	# 99
50) 2,6-Dinitrotoluene	14.25	165	136896	66.950	ng	# 85
51) Acenaphthene	14.74	154	408602	47.730	ng	99
52) 3-Nitroaniline	14.58	138	62406	31.103	ng	# 94
53) 2,4-Dinitrophenol	14.78	184	169019	204.247	ng	# 65
54) Dibenzofuran	15.08	168	667624	52.071	ng	93
55) 4-Nitrophenol	14.88	139	188841	111.518	ng	# 86
56) 2,4-Dinitrotoluene	15.04	165	196500	72.343	ng	# 87
57) Fluorene	15.72	166	568750	53.079	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	198383	64.904	ng	# 93
59) Diethylphthalate	15.49	149	577147	50.471	ng	96
60) 4-Chlorophenyl-phenylether	15.71	204	321597	52.633	ng	97
61) 4-Nitroaniline	15.75	138	133082	61.847	ng	# 81
62) Azobenzene	16.01	77	568214	50.707	ng	94
64) 4,6-Dinitro-2-methylphenol	15.80	198	118264	75.298	ng	86
65) n-Nitrosodiphenylamine	15.93	169	514252	49.779	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	233004	56.246	ng	98
67) Hexachlorobenzene	16.73	284	232542	55.151	ng	93
68) Atrazine	16.88	200	237712	53.958	ng	98
69) Pentachlorophenol	17.07	266	293673	103.578	ng	97
70) Phenanthrene	17.46	178	921768	52.749	ng	98
71) Anthracene	17.56	178	951829	54.378	ng	98
72) Carbazole	17.82	167	882144	54.316	ng	97
73) Di-n-butylphthalate	18.38	149	972148	50.221	ng	# 98
74) Fluoranthene	19.47	202	1250910	55.012	ng	96
76) Benzidine	20.03	184	32972	2.396	ng	95
77) Pyrene	19.83	202	1232596	50.554	ng	97
79) Butylbenzylphthalate	20.71	149	448625	50.672	ng	# 96
80) Benzo(a)anthracene	21.67	228	1262149	53.403	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	285281	32.084	ng	# 97
82) Chrysene	21.74	228	1170967	54.113	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	624092	49.887	ng	98
84) Di-n-octyl phthalate	22.79	149	1057209	49.259	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.58	276	1411627	55.700	ng	# 86
87) Benzo(b)fluoranthene	23.89	252	1230409	54.818	ng	# 97
88) Benzo(k)fluoranthene	23.96	252	1196669	54.502	ng	# 97
89) Benzo(a)pyrene	24.76	252	1200349	56.833	ng	# 97
90) Dibenzo(a,h)anthracene	28.64	278	1141222	54.736	ng	# 96
91) Benzo(g,h,i)perylene	29.73	276	1168169	57.251	ng	# 92

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

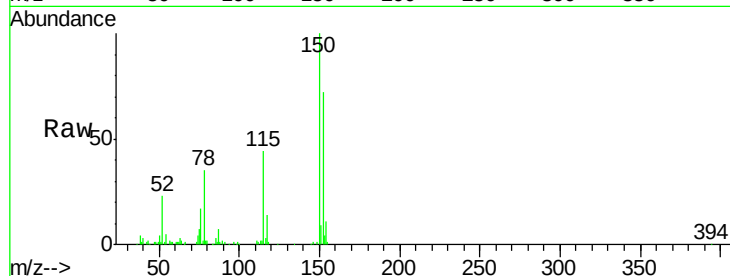


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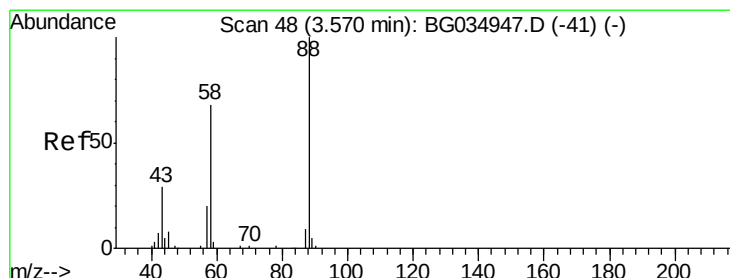
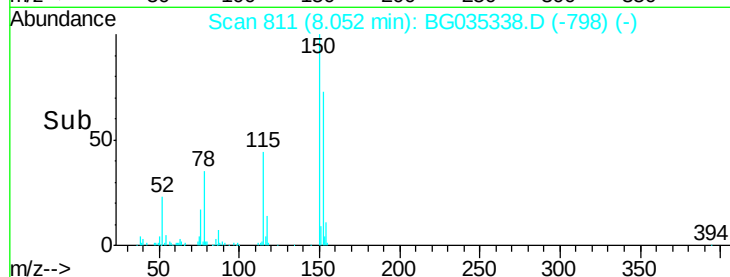
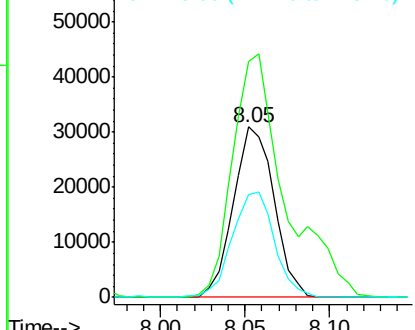
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tgt Ion:152 Resp: 51827
 Ion Ratio Lower Upper
 152 100
 150 138.7 126.6 189.8
 115 60.7 53.0 79.4



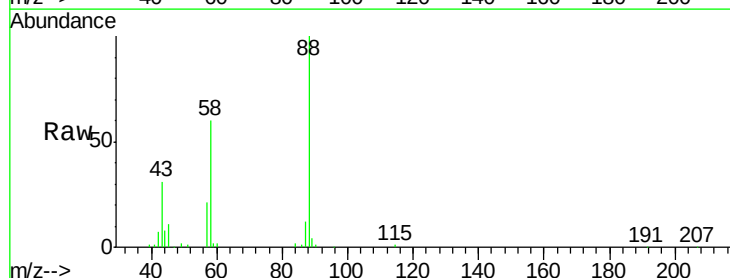
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



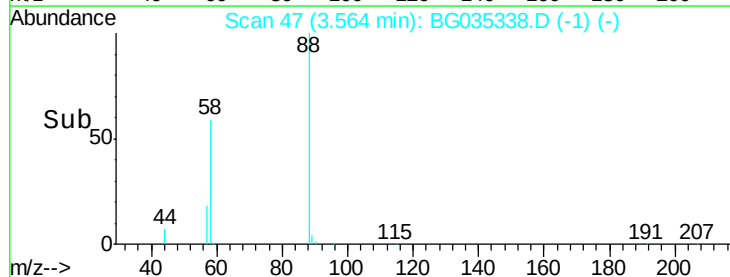
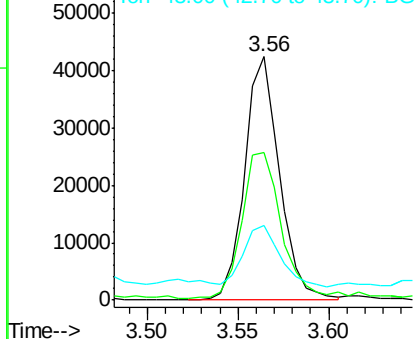
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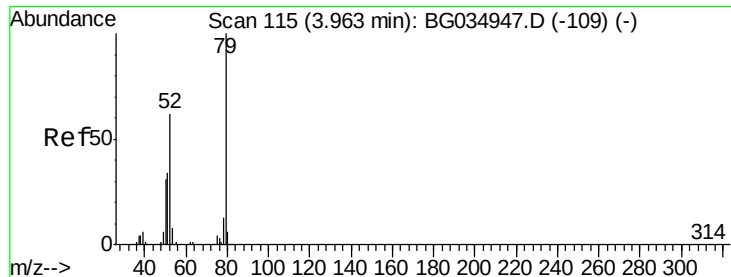
1,4-Dioxane
 Concen: 38.568 ng
 RT: 3.56 min Scan# 47
 Delta R.T. -0.00 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion: 88 Resp: 56512
 Ion Ratio Lower Upper
 88 100
 58 66.7 79.6 119.4#
 43 26.5 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: 38.340 ng

RT: 3.96 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

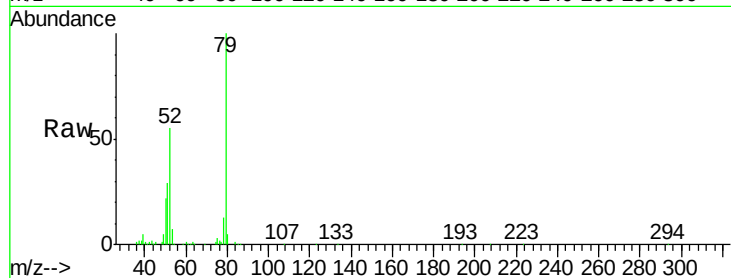
Tgt Ion: 79 Resp: 151578

Ion Ratio Lower Upper

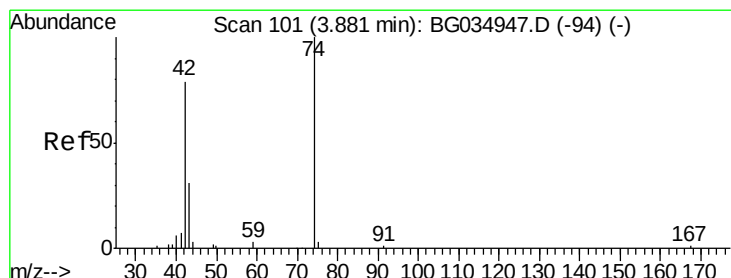
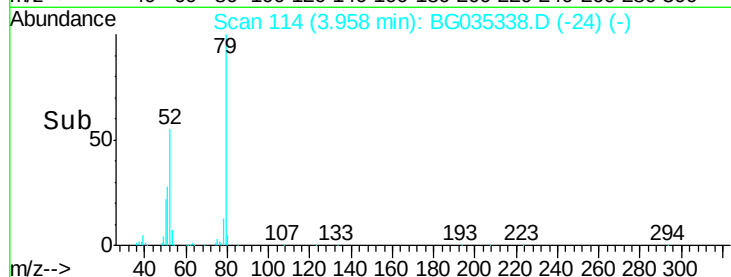
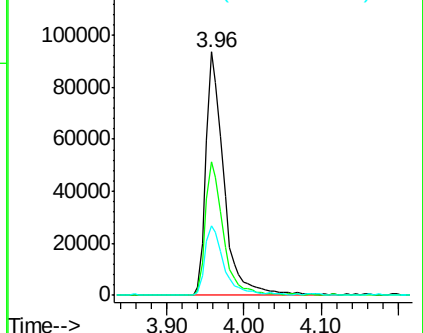
79 100

52 55.1 69.9 104.9#

51 28.7 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: 40.440 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

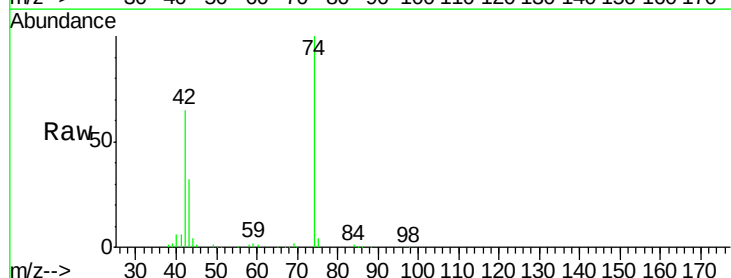
Tgt Ion: 42 Resp: 68685

Ion Ratio Lower Upper

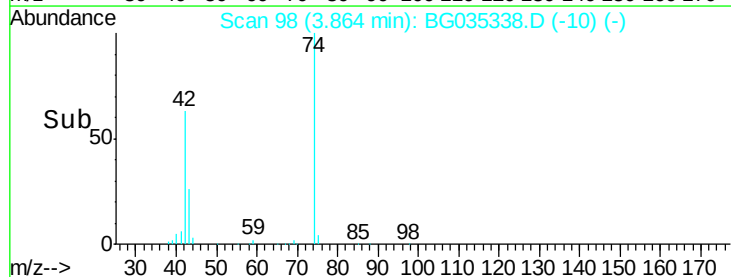
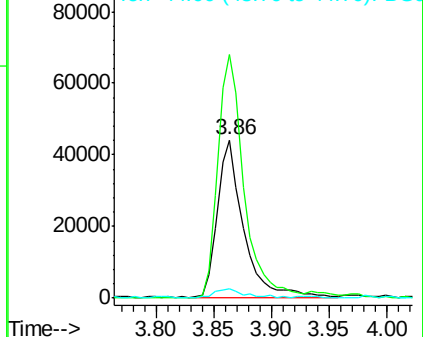
42 100

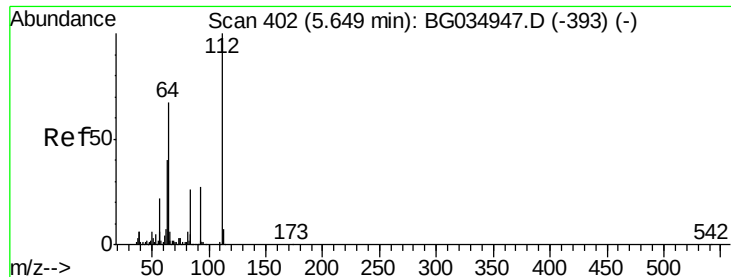
74 154.0 102.5 153.7#

44 5.7 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: 146.084 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

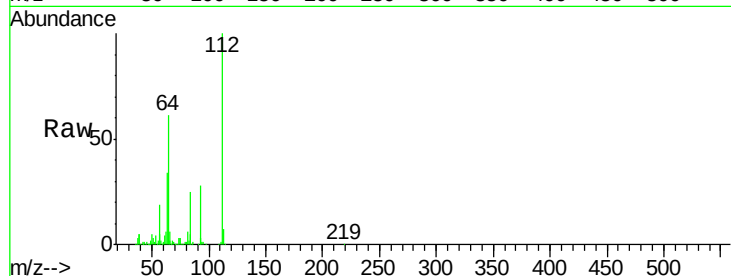
Tgt Ion: 112 Resp: 448630

Ion Ratio Lower Upper

112 100

64 60.7 56.3 84.5

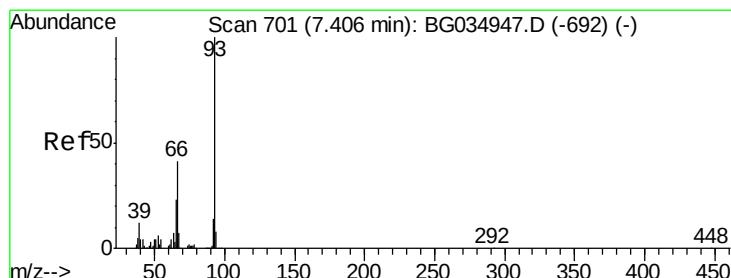
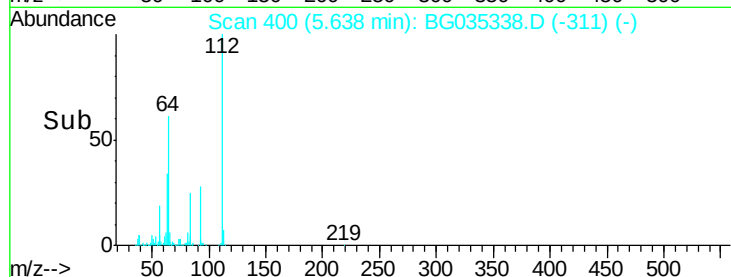
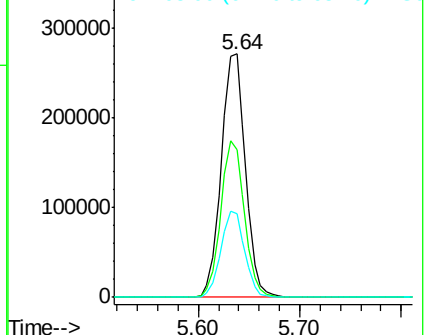
63 34.2 30.1 45.1



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: 24.586 ng

RT: 7.38 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

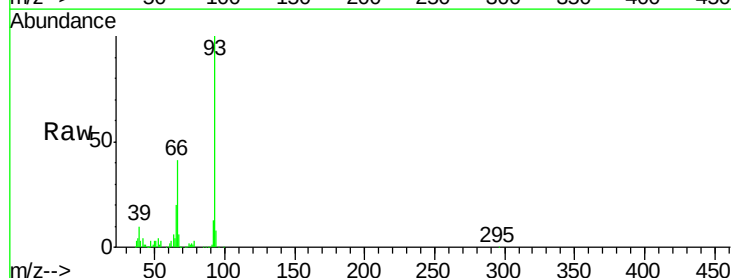
Tgt Ion: 93 Resp: 144049

Ion Ratio Lower Upper

93 100

66 40.7 33.7 50.5

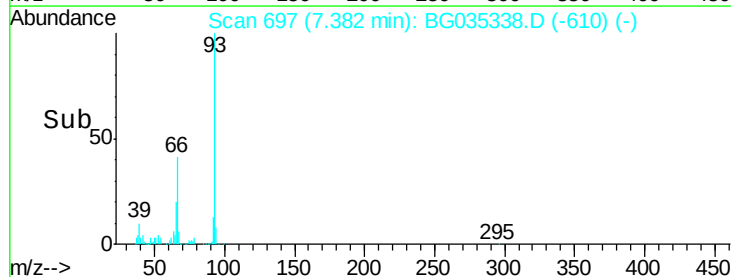
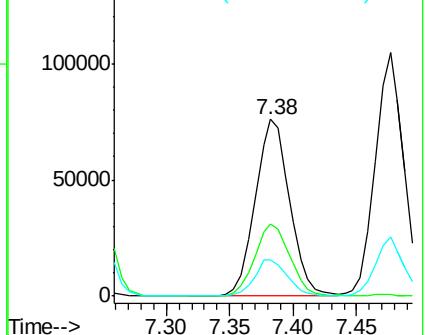
65 20.2 16.1 24.1

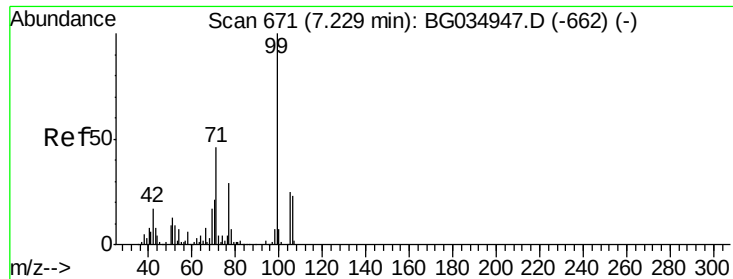


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.732 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

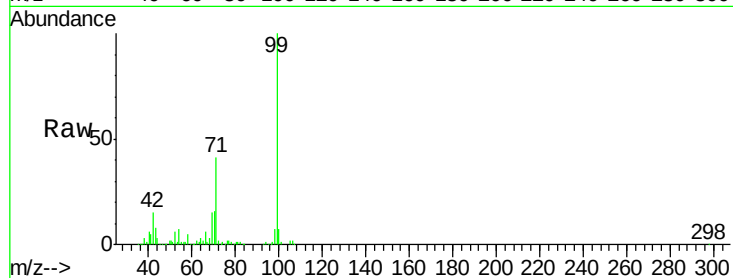
Tgt Ion: 99 Resp: 610696

Ion Ratio Lower Upper

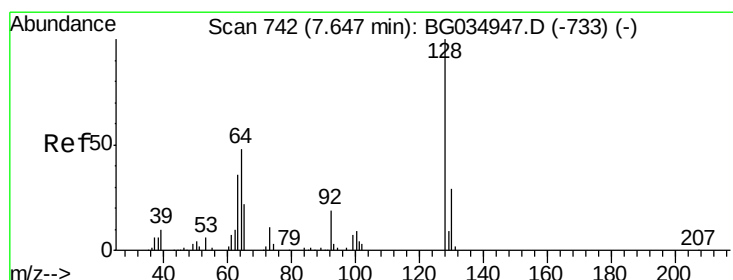
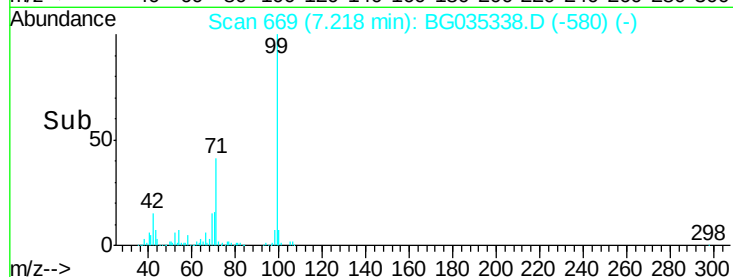
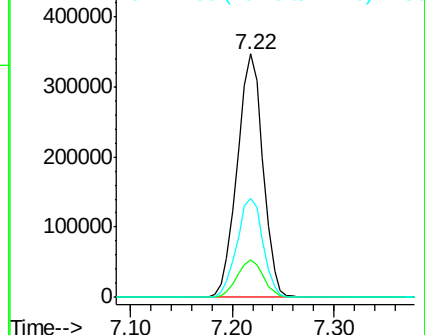
99 100

42 15.3 14.1 21.1

71 40.5 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: 48.386 ng

RT: 7.62 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

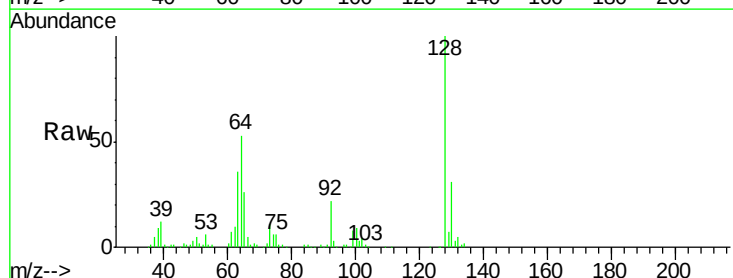
Tgt Ion: 128 Resp: 155759

Ion Ratio Lower Upper

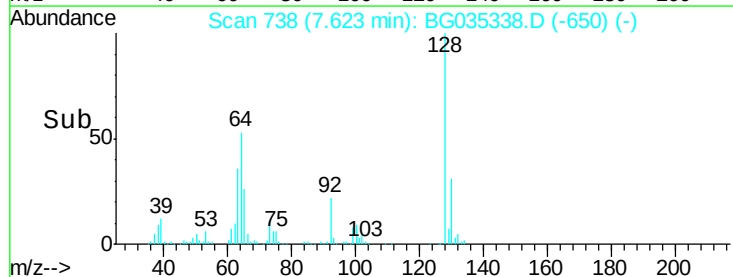
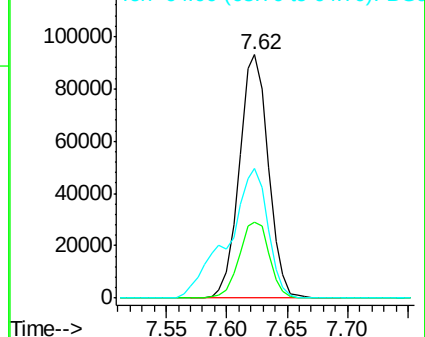
128 100

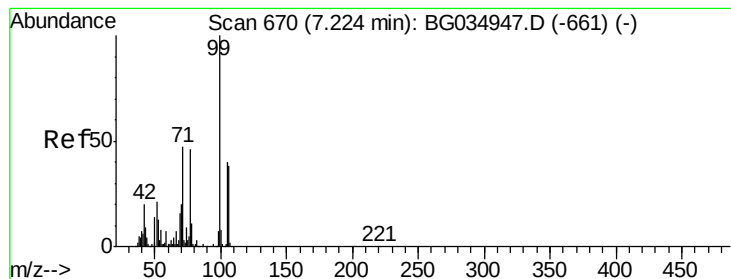
130 31.3 14.0 54.0

64 53.2 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: 24.386 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

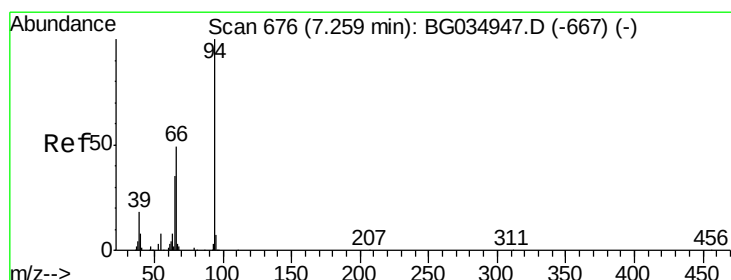
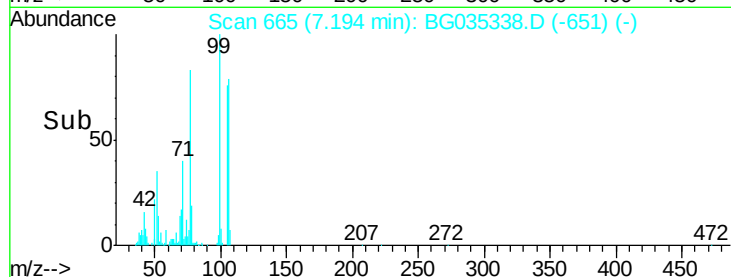
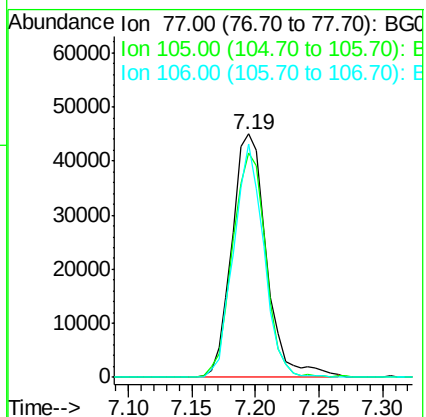
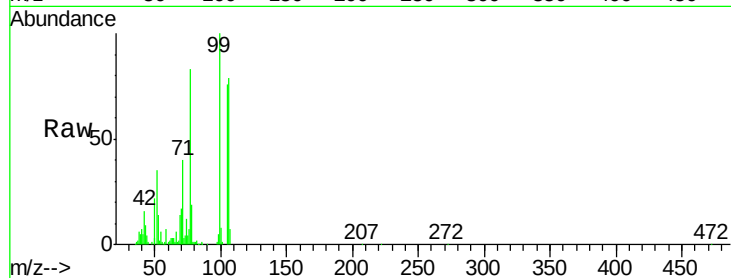
Tgt Ion: 77 Resp: 85139

Ion Ratio Lower Upper

77 100

105 92.2 71.3 111.3

106 95.9 64.2 104.2



#10

Phenol

Concen: 43.450 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

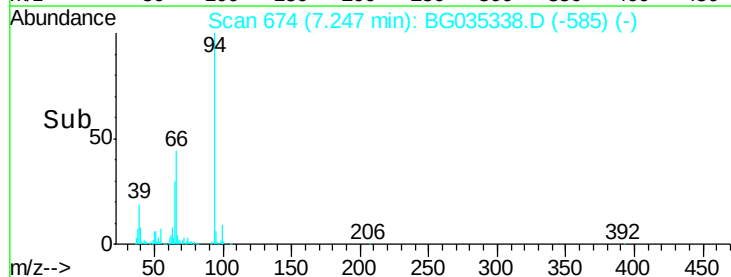
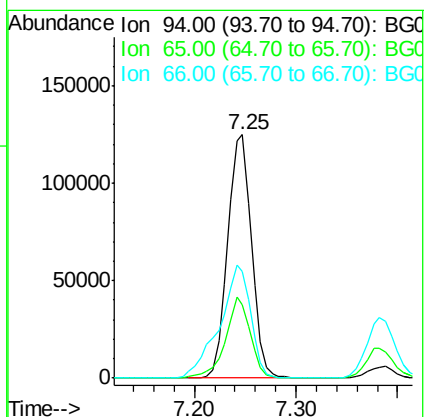
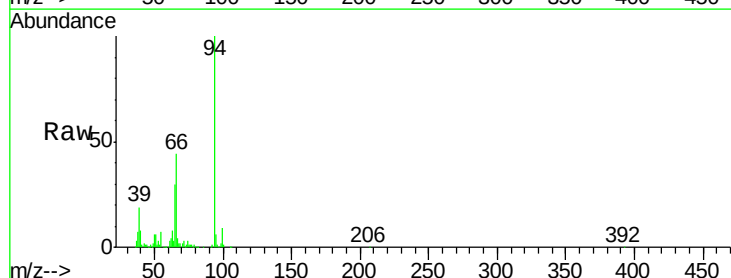
Tgt Ion: 94 Resp: 203815

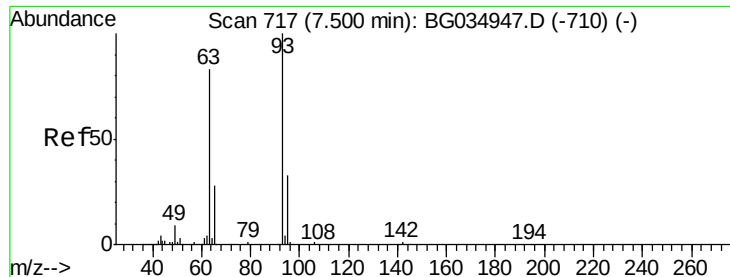
Ion Ratio Lower Upper

94 100

65 29.9 11.9 51.9

66 43.9 22.2 62.2

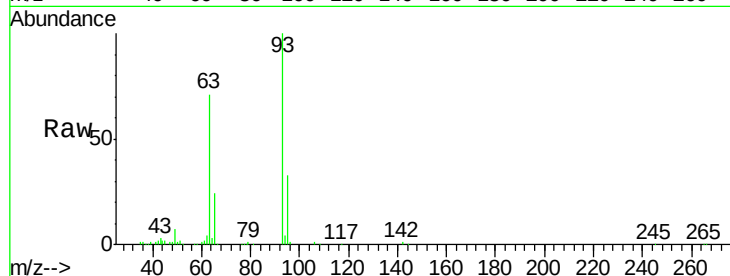




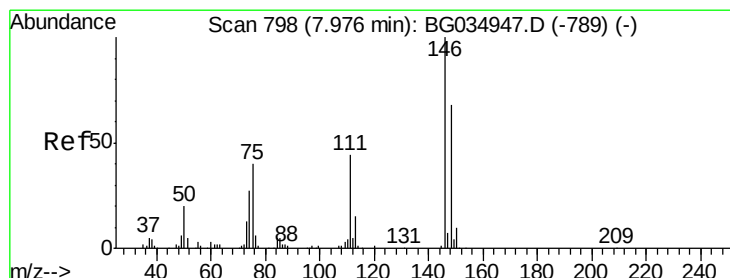
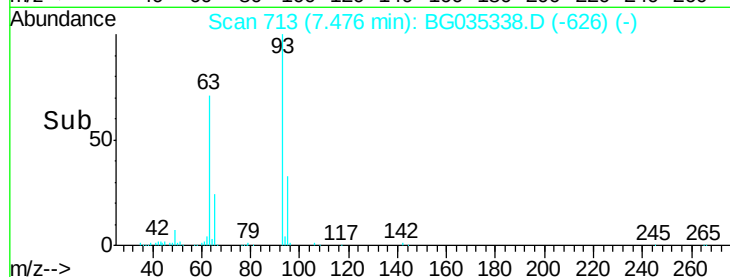
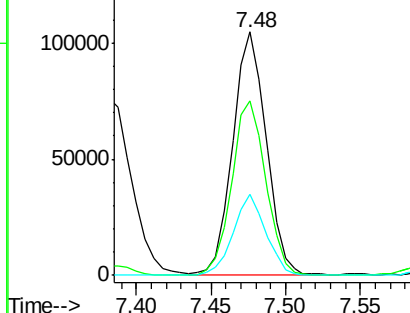
#11
bis(2-Chloroethyl)ether
Concen: 44.802 ng
RT: 7.48 min Scan# 713
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tgt Ion: 93 Resp: 163115
Ion Ratio Lower Upper
93 100
63 71.4 67.1 107.1
95 33.2 11.5 51.5

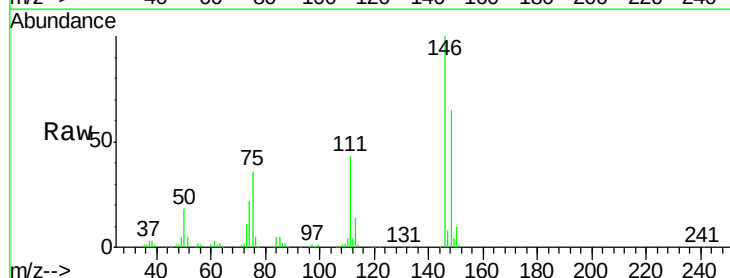


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

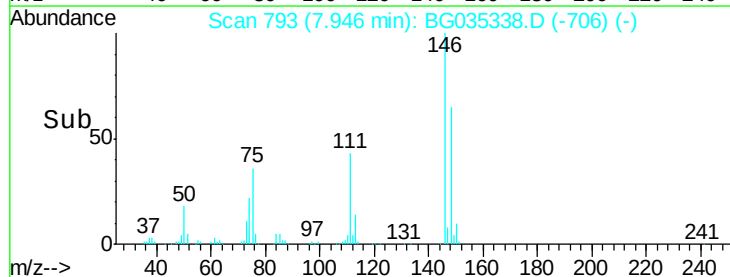
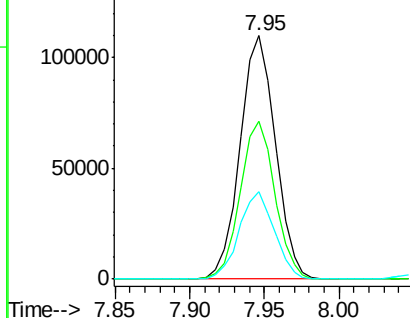


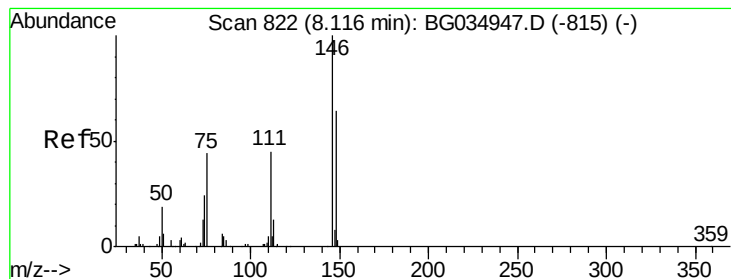
#12
1,3-Dichlorobenzene
Concen: 46.823 ng
RT: 7.95 min Scan# 793
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion: 146 Resp: 179842
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 35.9 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 46.019 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

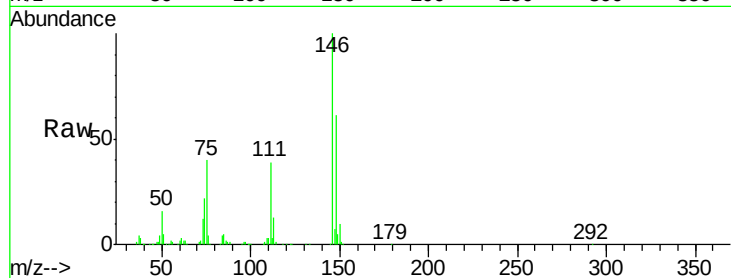
Tgt Ion:146 Resp: 182461

Ion Ratio Lower Upper

146 100

148 61.0 53.7 80.5

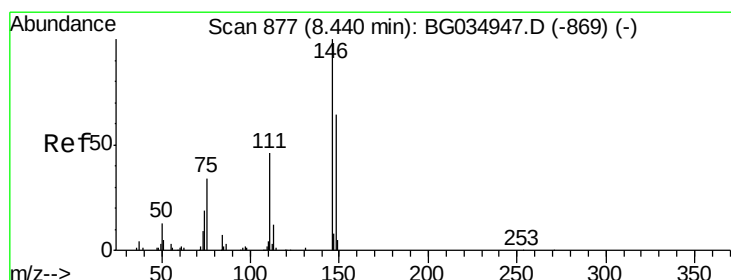
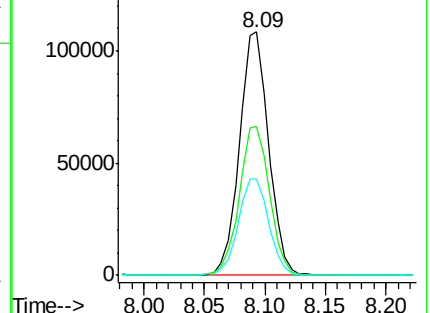
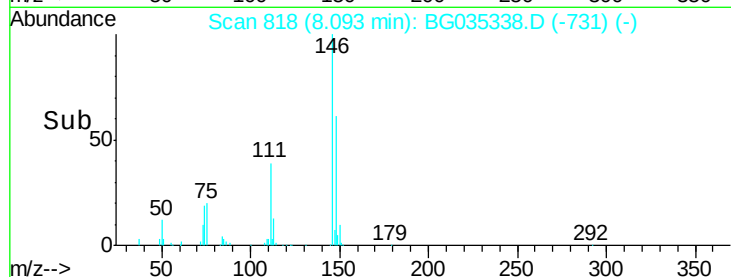
111 39.4 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.370 ng

RT: 8.41 min Scan# 872

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

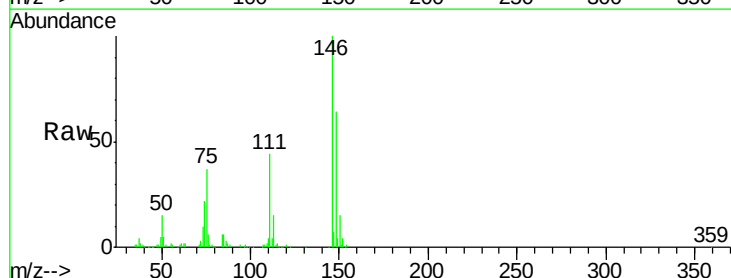
Tgt Ion:146 Resp: 168968

Ion Ratio Lower Upper

146 100

148 64.3 49.3 73.9

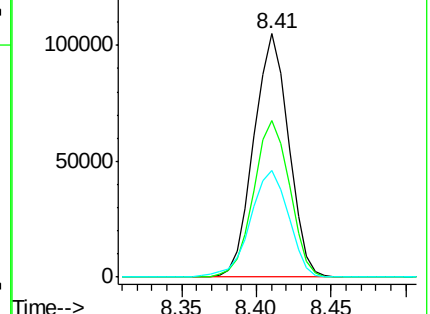
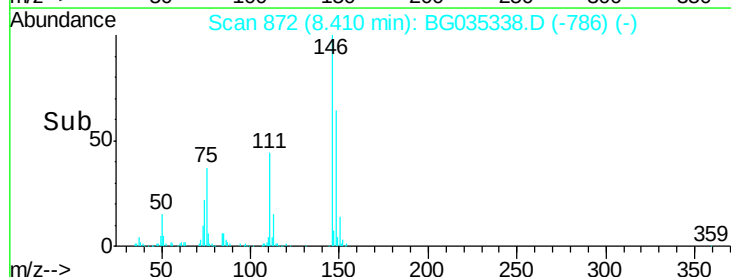
111 44.0 34.3 51.5

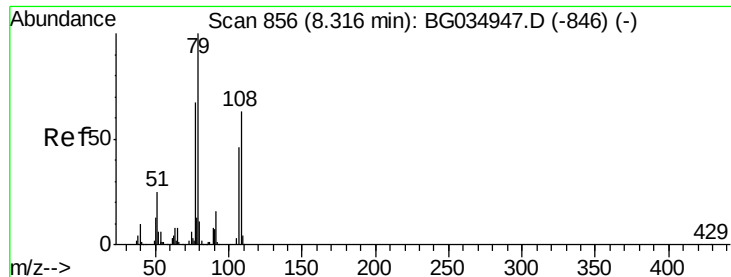


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.133 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

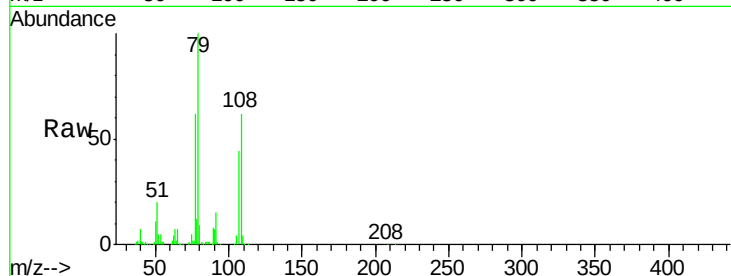
Tgt Ion: 79 Resp: 193844

Ion Ratio Lower Upper

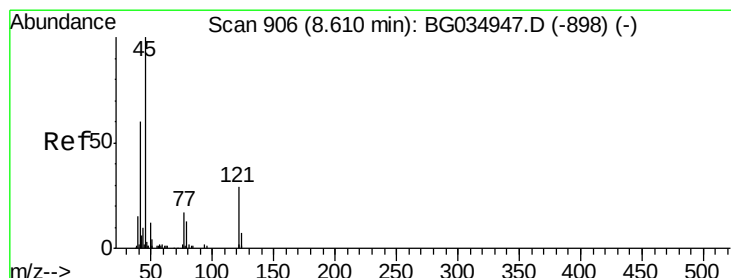
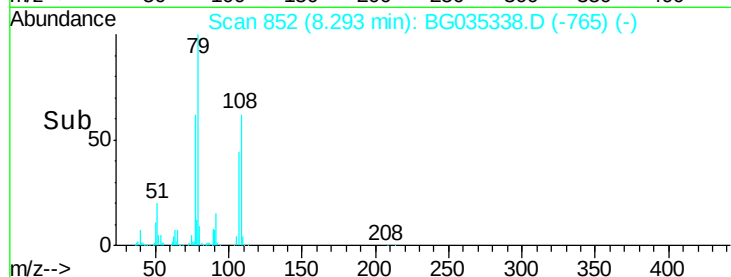
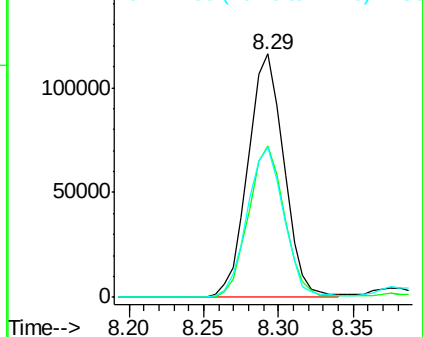
79 100

108 62.2 57.2 85.8

77 61.9 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: 47.455 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

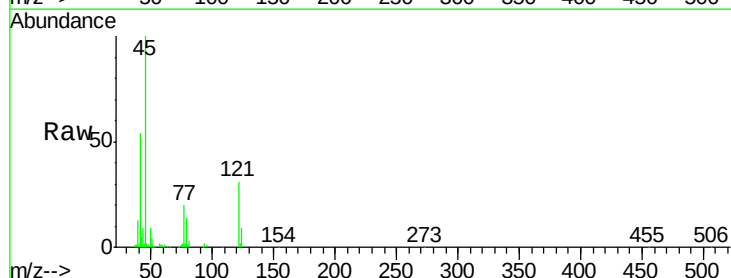
Tgt Ion: 45 Resp: 171962

Ion Ratio Lower Upper

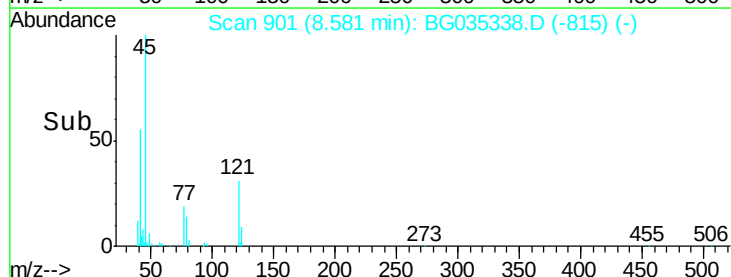
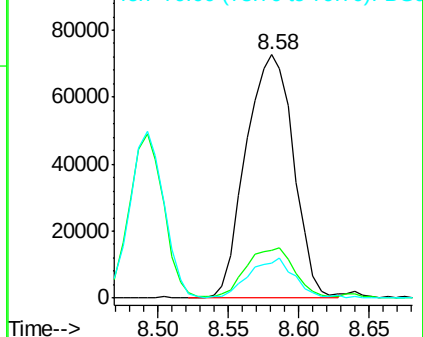
45 100

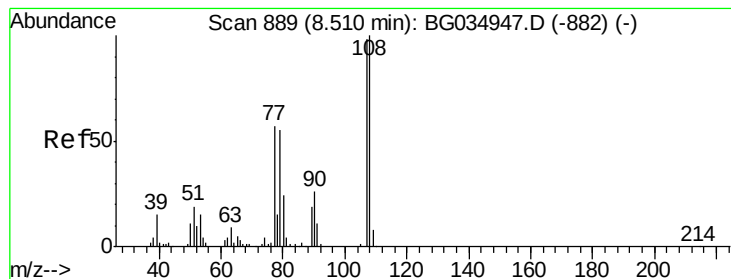
77 19.7 0.0 30.2

79 14.4 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: 49.730 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

Tgt Ion:107 Resp: 153794

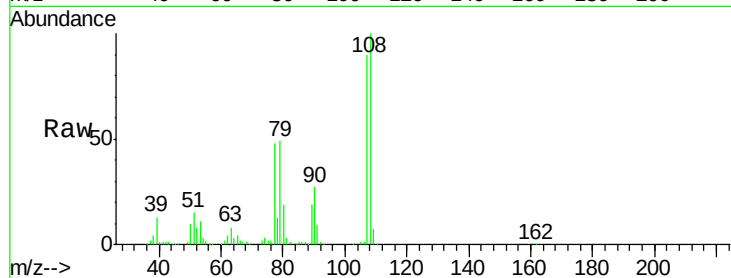
Ion Ratio Lower Upper

107 100

108 110.9 83.9 125.9

77 53.3 37.2 55.8

79 54.2 36.2 54.2



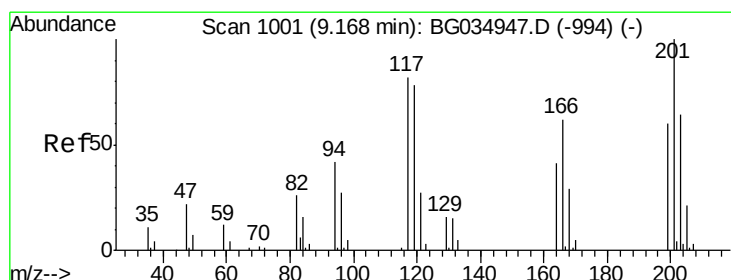
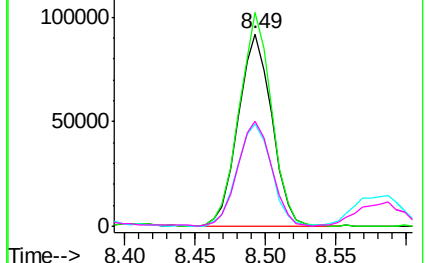
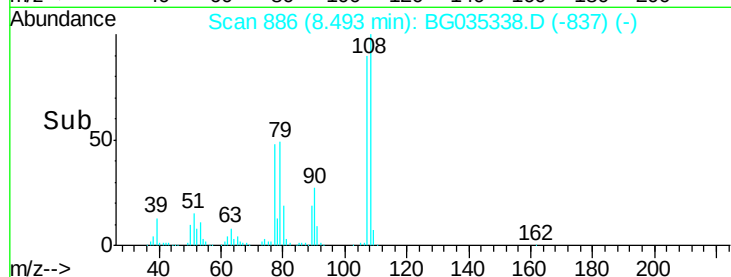
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 48.687 ng

RT: 9.14 min Scan# 996

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

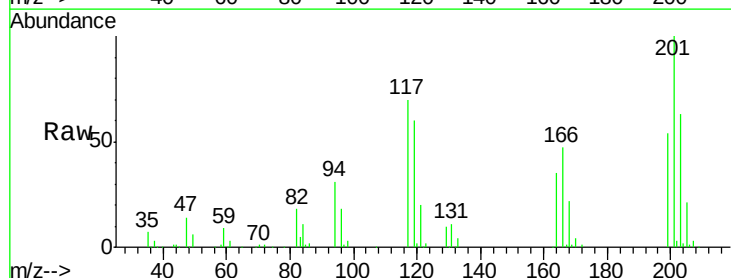
Tgt Ion:117 Resp: 69109

Ion Ratio Lower Upper

117 100

119 85.9 76.7 115.1

201 143.3 95.7 143.5

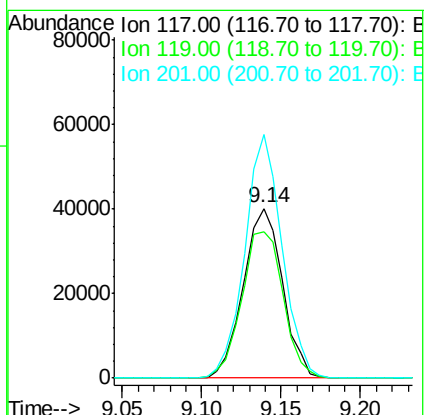
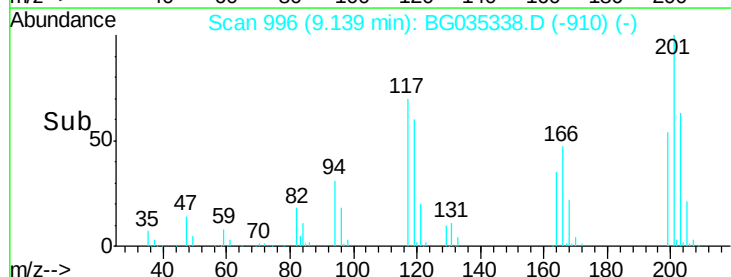


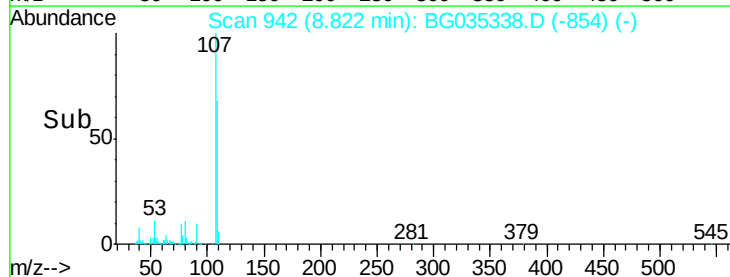
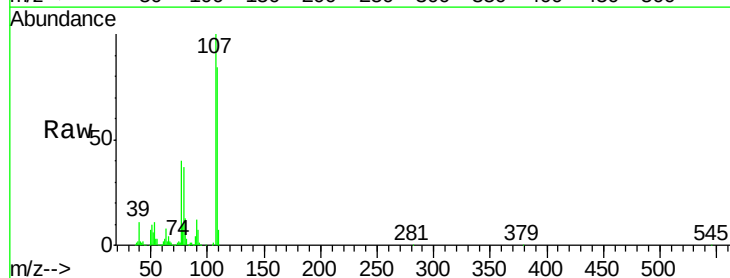
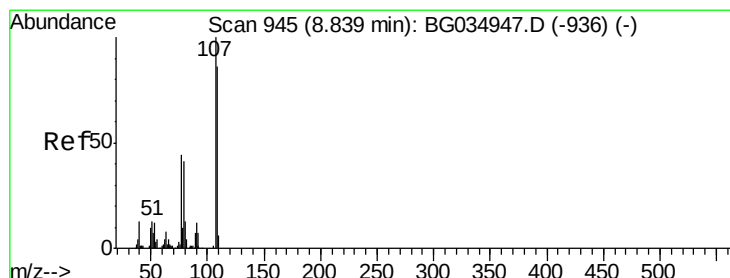
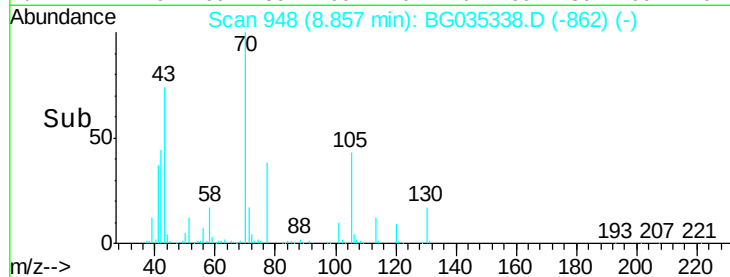
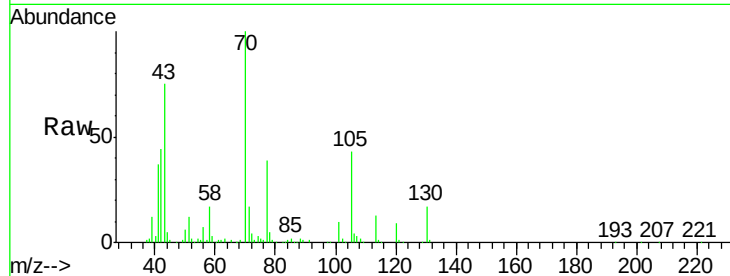
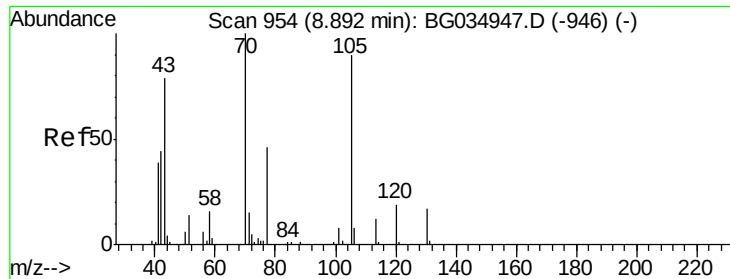
Abundance

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: 39.068 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

Tgt Ion: 70 Resp: 150445

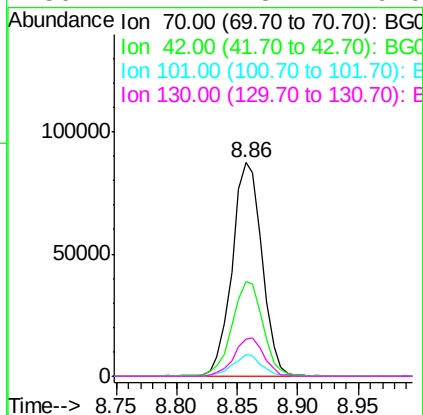
Ion Ratio Lower Upper

70 100

42 44.4 49.1 73.7#

101 10.2 8.5 12.7

130 17.4 13.4 20.0



#20

3+4-Methylphenols

Concen: 47.884 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion: 107 Resp: 212260

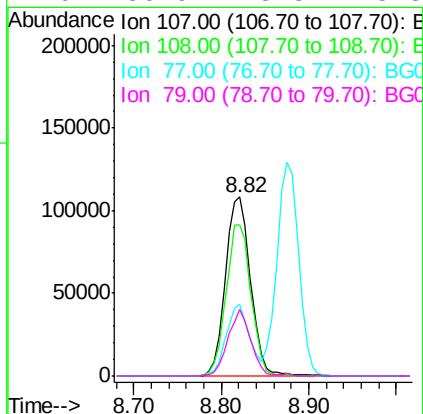
Ion Ratio Lower Upper

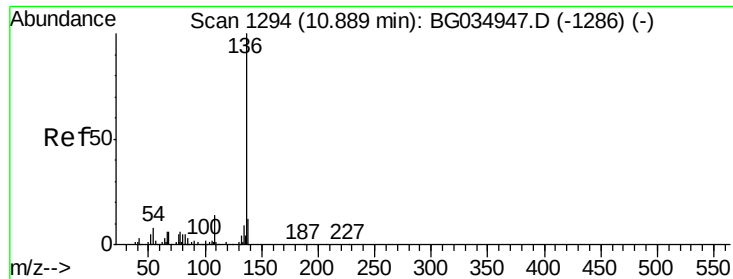
107 100

108 84.3 61.6 101.6

77 40.3 13.9 53.9

79 36.9 8.8 48.8

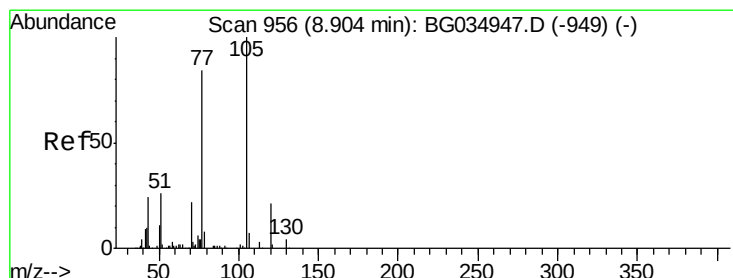
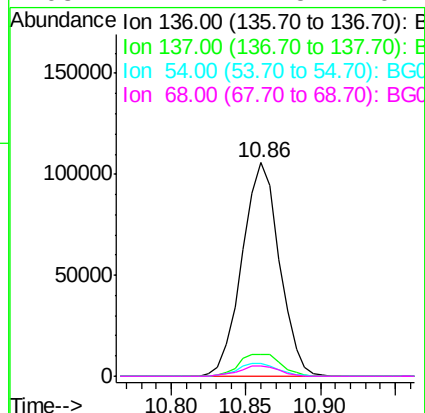
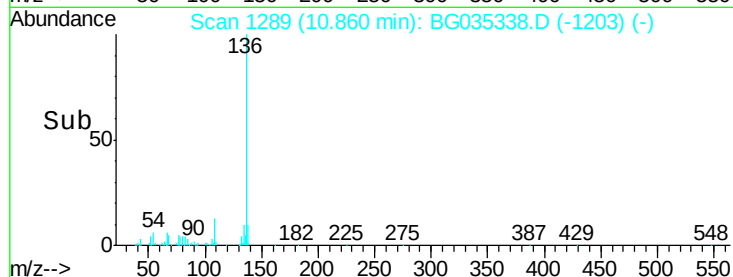
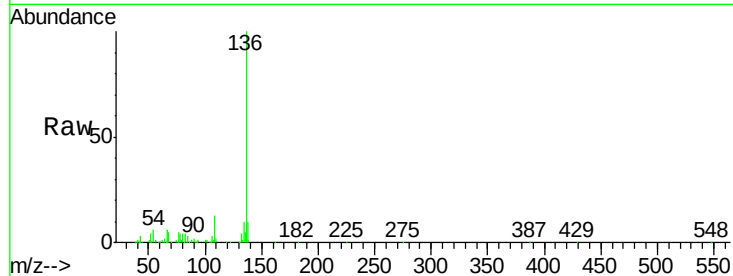




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

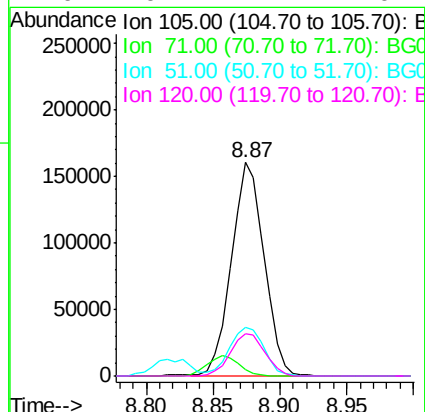
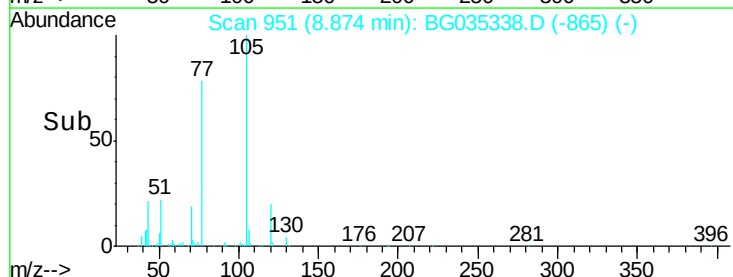
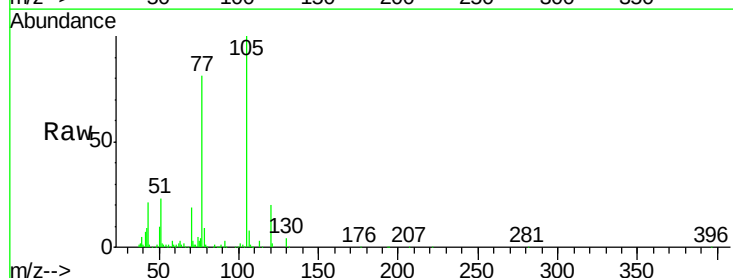
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

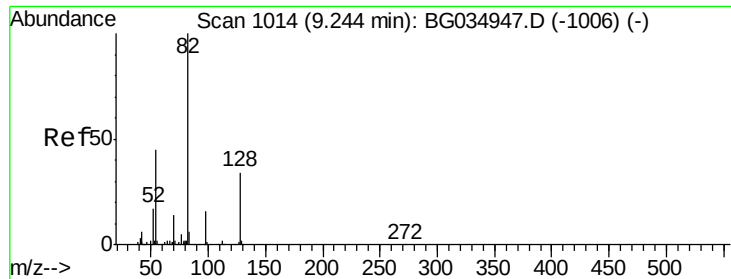
Tgt Ion:	136	Resp:	183030
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	5.9	10.3	15.5#
68	4.7	4.5	6.7



#22
Acetophenone
Concen: 48.251 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:	105	Resp:	273569
Ion	Ratio	Lower	Upper
105	100		
71	2.9	3.0	4.4#
51	22.7	26.1	39.1#
120	19.7	17.4	26.2

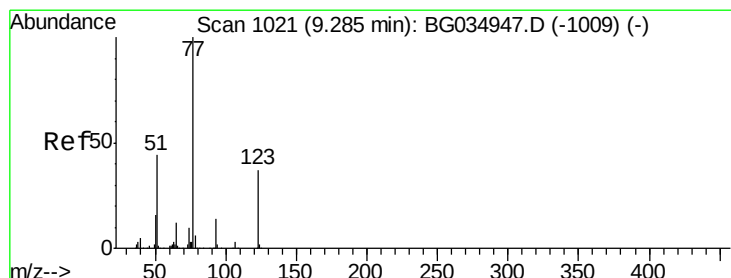
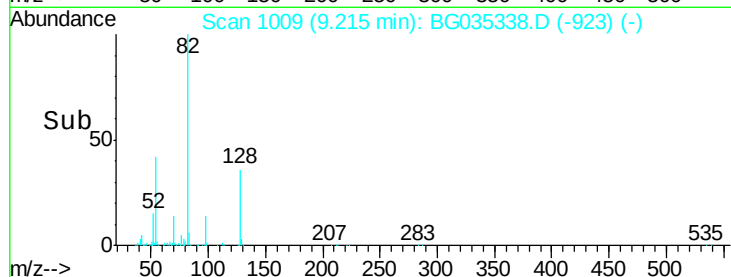
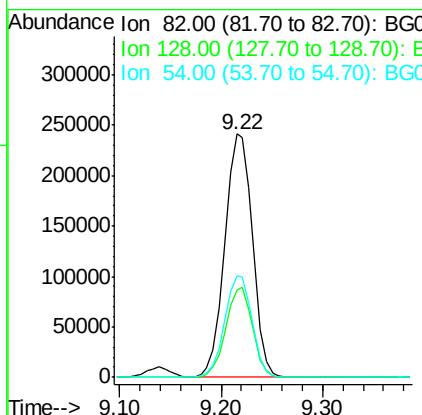
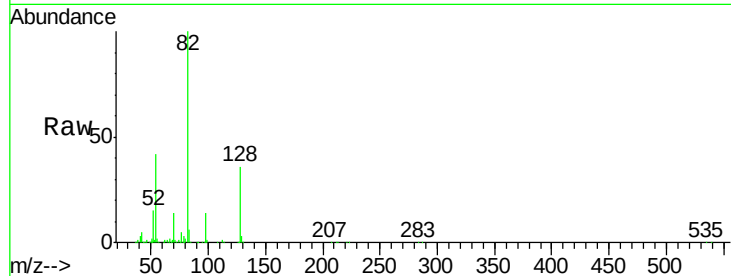




#23
 Nitrobenzene-d5
 Concen: 117.752 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

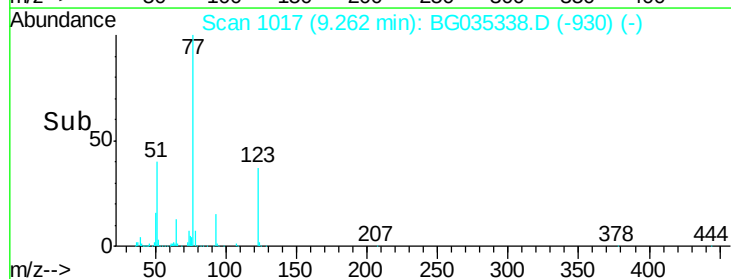
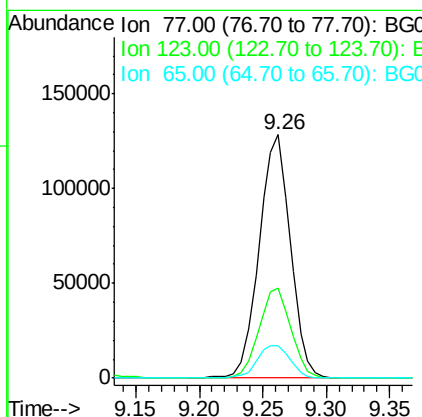
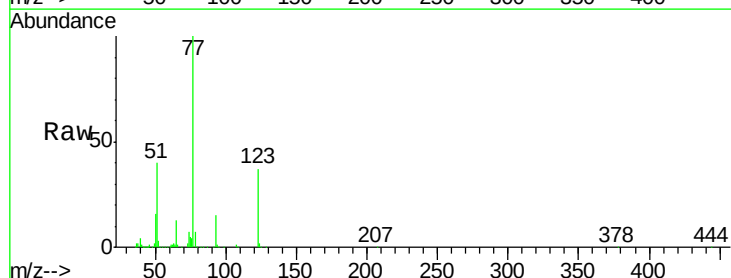
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

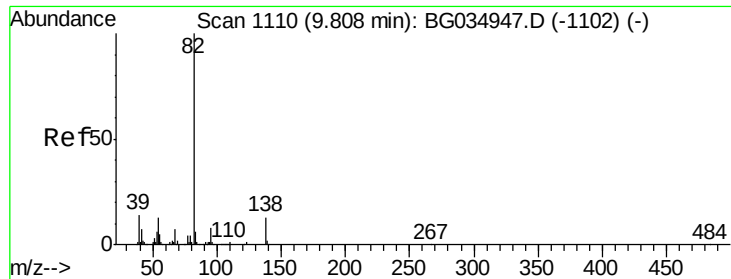
Tgt Ion: 82 Resp: 453403
 Ion Ratio Lower Upper
 82 100
 128 36.1 29.7 44.5
 54 41.9 43.1 64.7#



#24
 Nitrobenzene
 Concen: 55.918 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion: 77 Resp: 220480
 Ion Ratio Lower Upper
 77 100
 123 37.1 33.0 49.6
 65 13.5 13.0 19.6

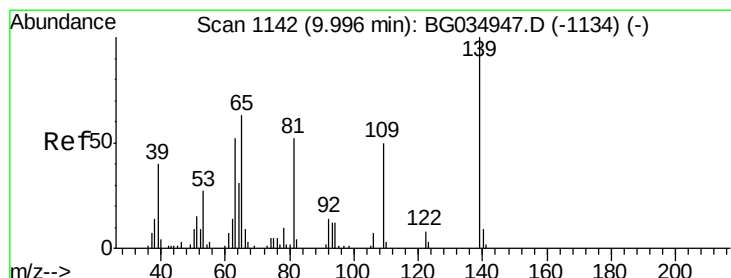
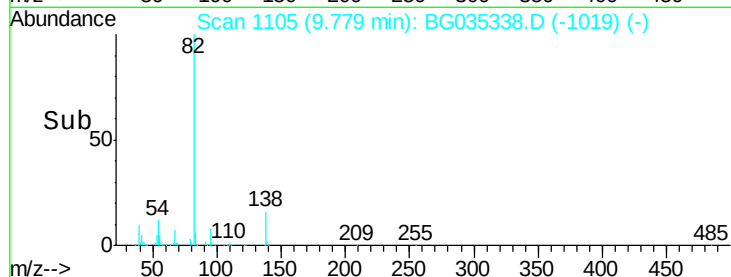
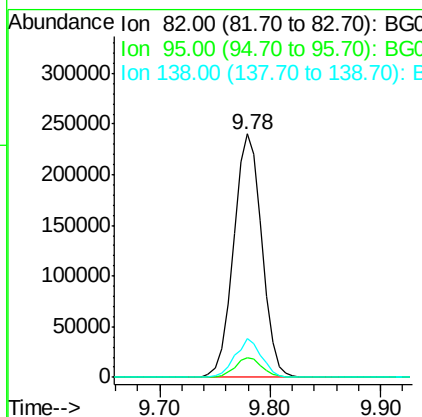
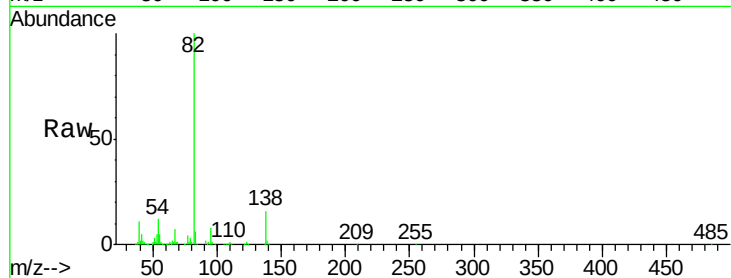




#25
Isophorone
Concen: 52.666 ng
RT: 9.78 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

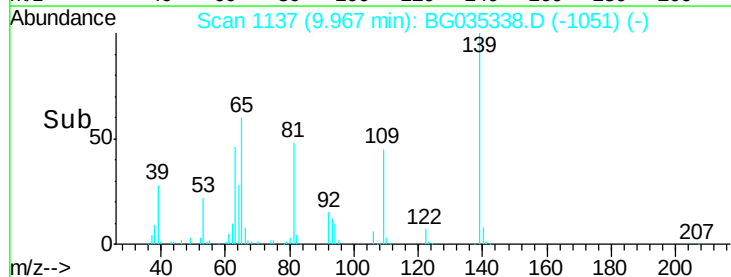
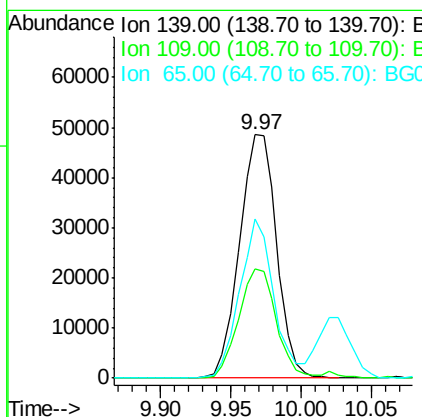
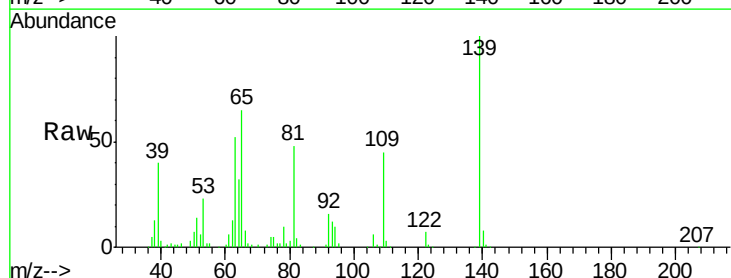
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

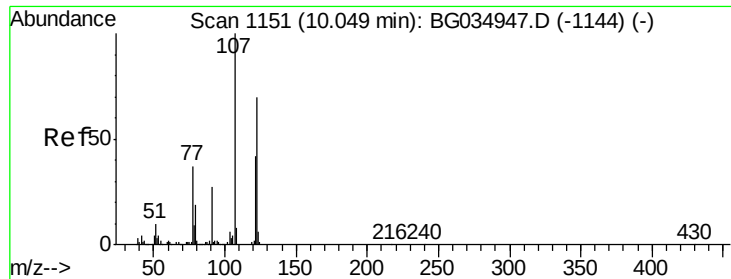
Tgt Ion: 82 Resp: 428150
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 15.7 12.1 18.1



#26
2-Nitrophenol
Concen: 65.526 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion: 139 Resp: 89056
Ion Ratio Lower Upper
139 100
109 45.1 24.2 36.2#
65 65.1 47.4 71.0

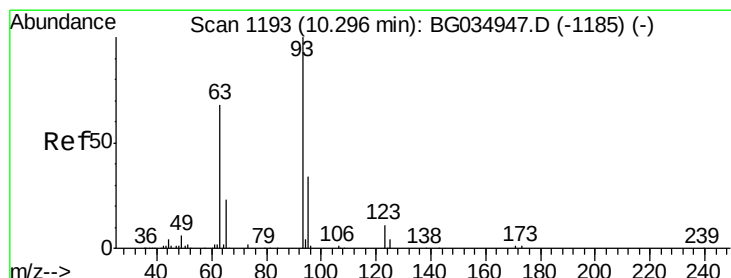
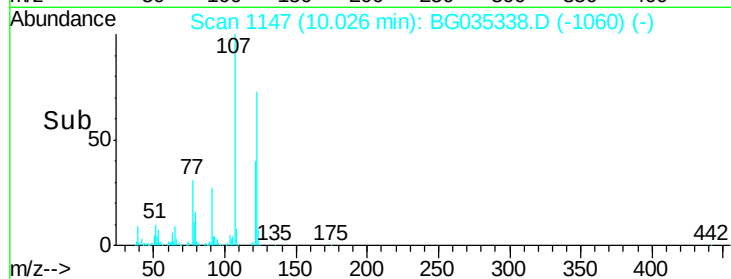
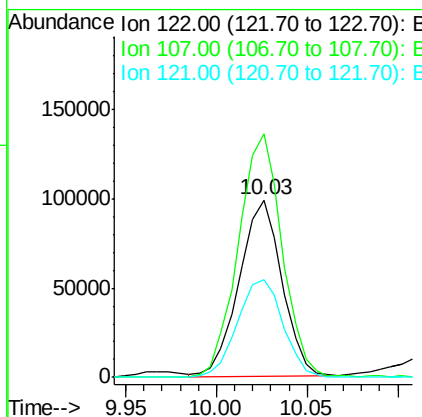
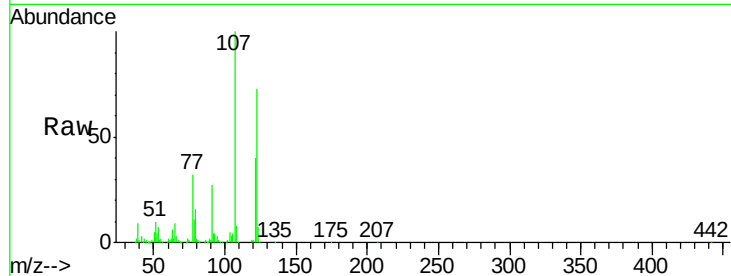




#27
2,4-Dimethylphenol
Concen: 56.791 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

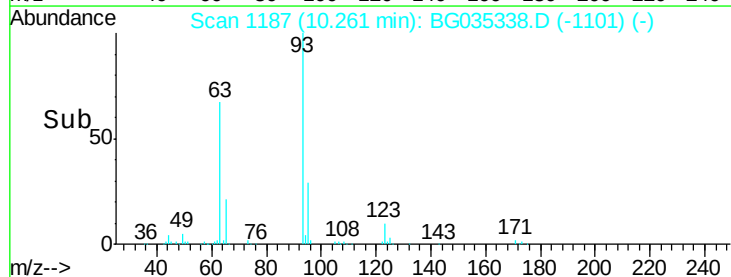
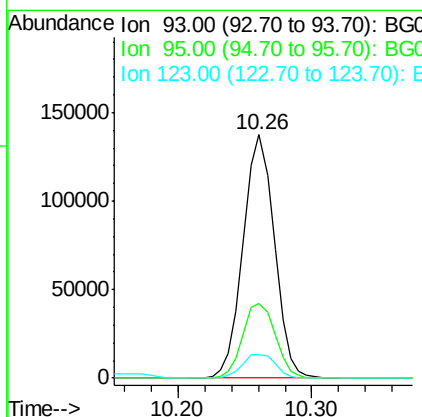
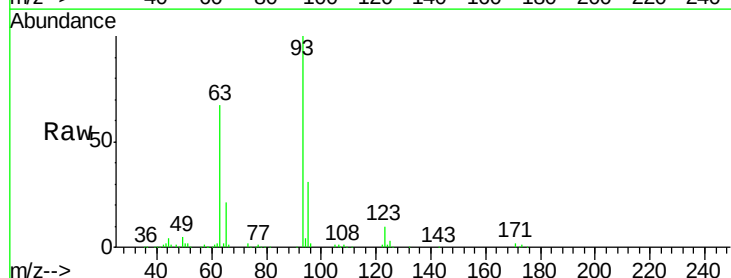
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

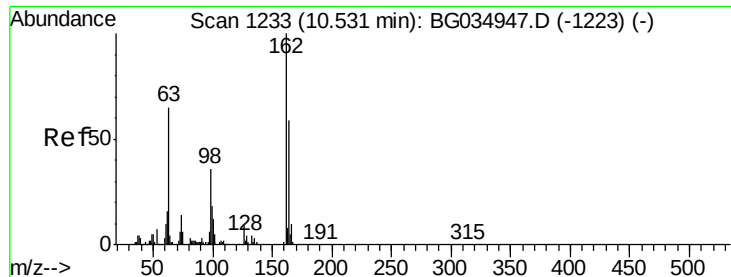
Tgt Ion:122 Resp: 162238
Ion Ratio Lower Upper
122 100
107 137.2 100.2 150.2
121 55.1 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.045 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion: 93 Resp: 222999
Ion Ratio Lower Upper
93 100
95 30.6 24.3 36.5
123 9.9 8.4 12.6

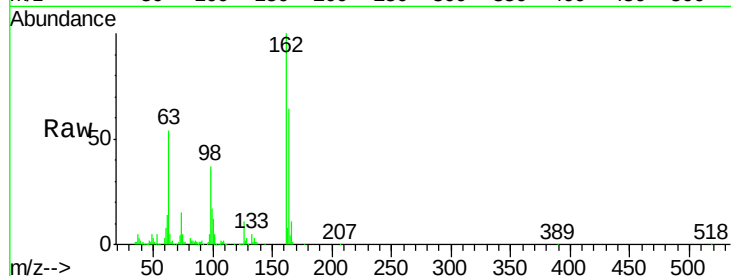




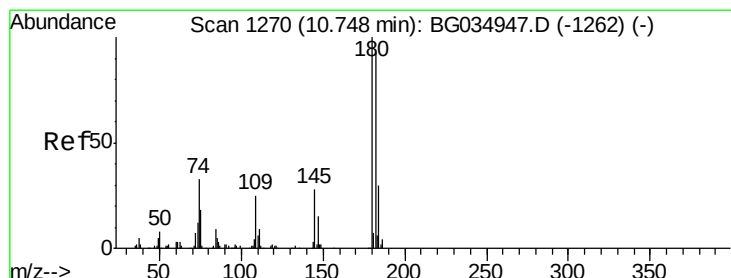
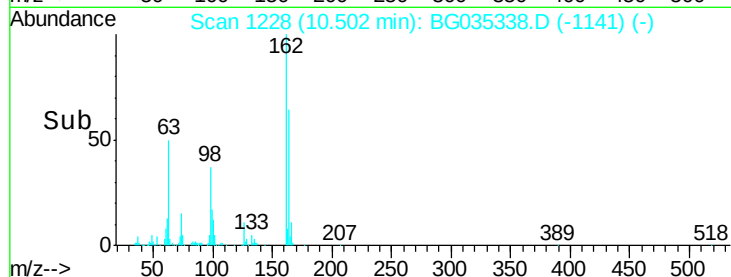
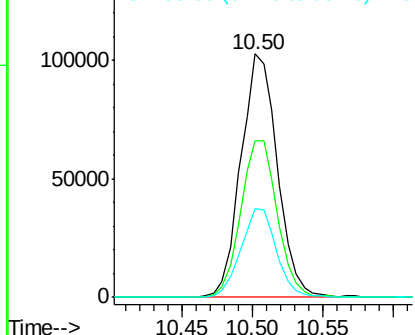
#29
 2,4-Dichlorophenol
 Concen: 59.787 ng
 RT: 10.50 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	48.0	88.0
98	36.6	21.1	61.1

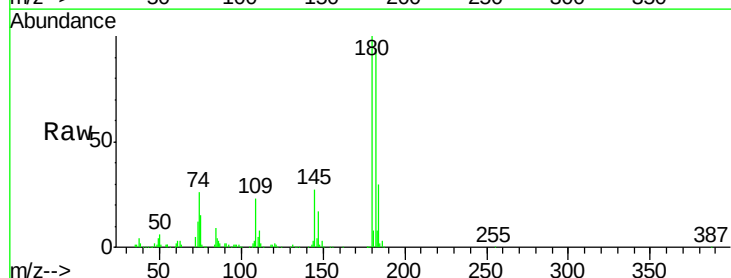


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

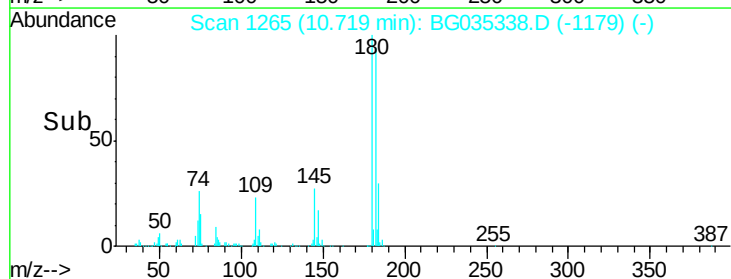
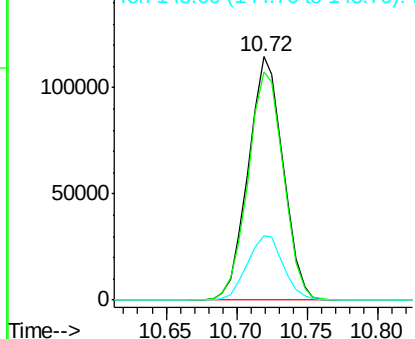


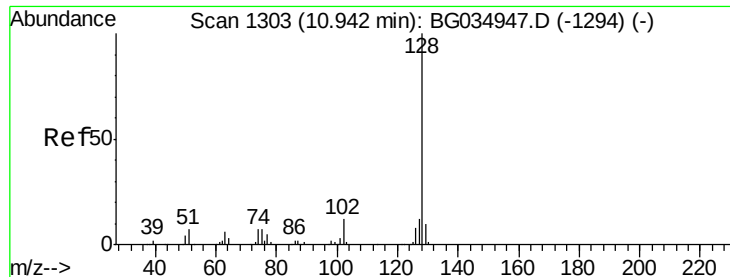
#30
 1,2,4-Trichlorobenzene
 Concen: 53.259 ng
 RT: 10.72 min Scan# 1265
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.5	116.3
145	26.5	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

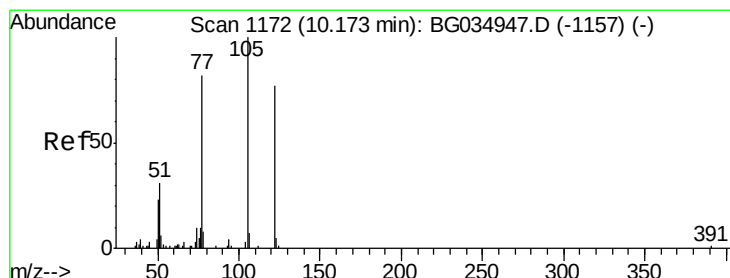
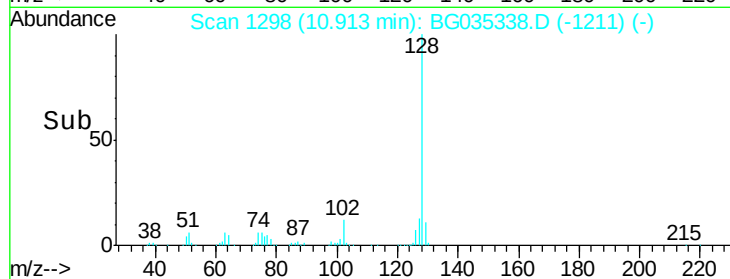
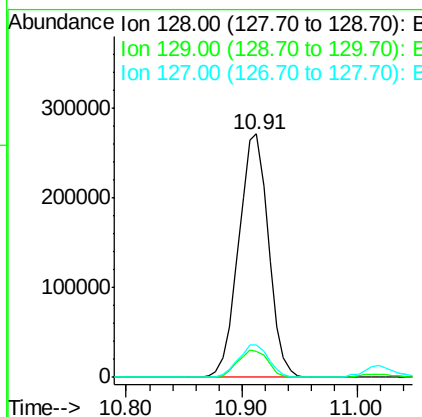
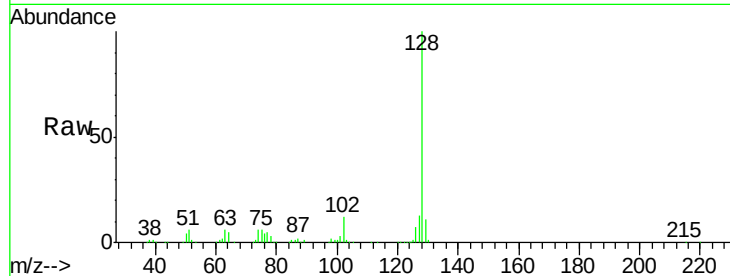




#31
Naphthalene
Concen: 50.939 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

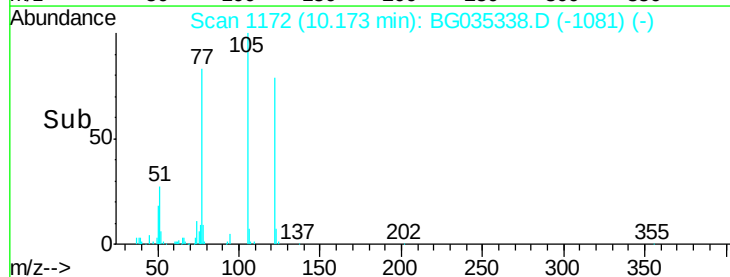
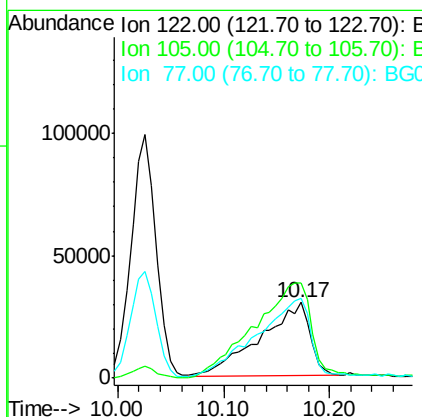
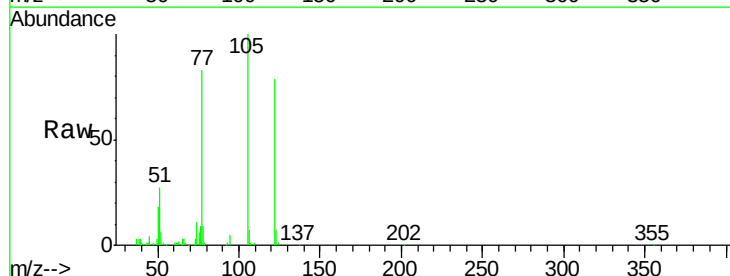
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

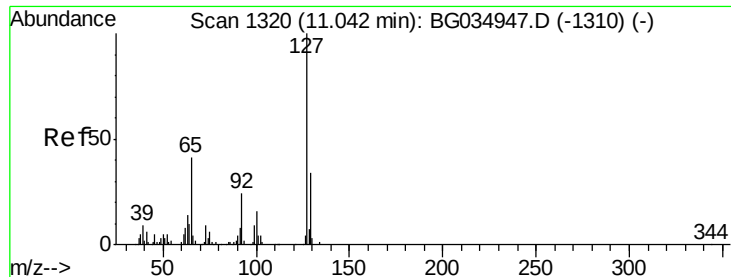
Tgt Ion:128 Resp: 484339
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 51.566 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:122 Resp: 98670
Ion Ratio Lower Upper
122 100
105 126.1 123.5 163.5
77 104.9 85.7 125.7

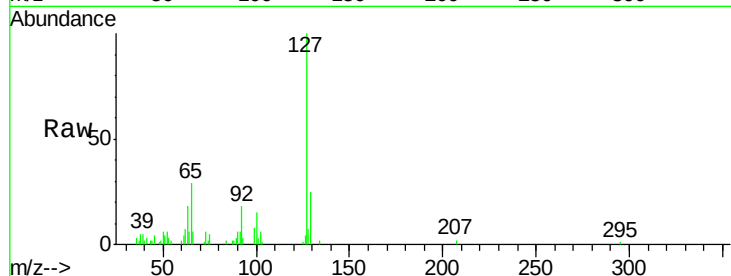




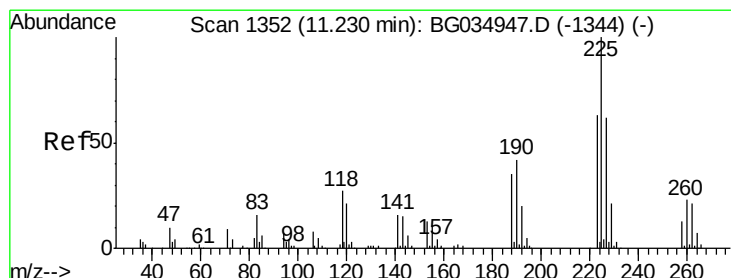
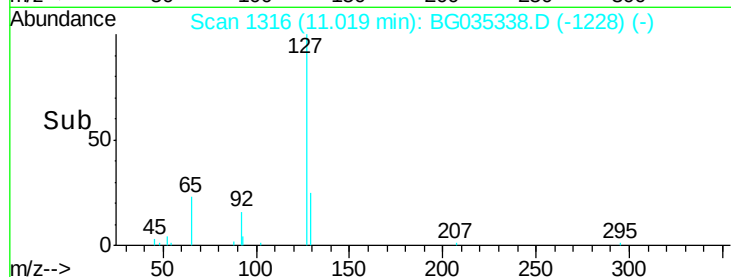
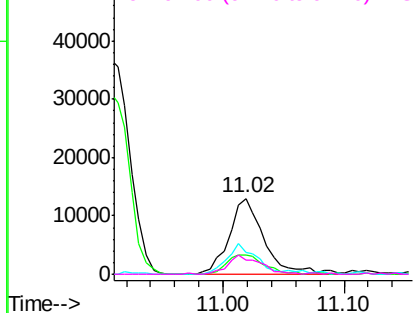
#33
4-Chloroaniline
Concen: 6.319 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tgt Ion:	127	Resp:	26087
Ion	Ratio	Lower	Upper
127	100		
129	25.1	24.0	36.0
65	28.7	27.0	40.4
92	18.2	16.6	25.0

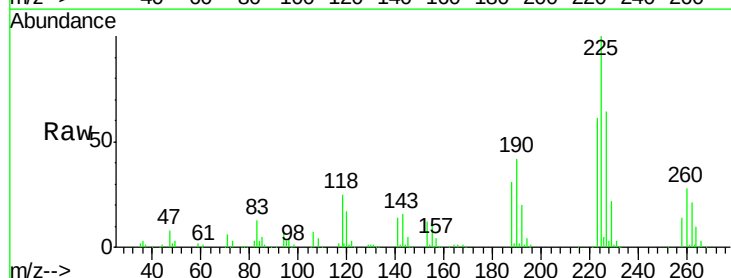


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

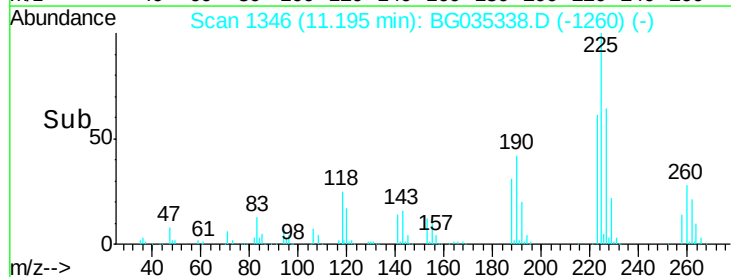
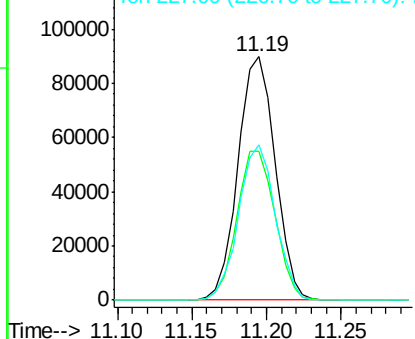


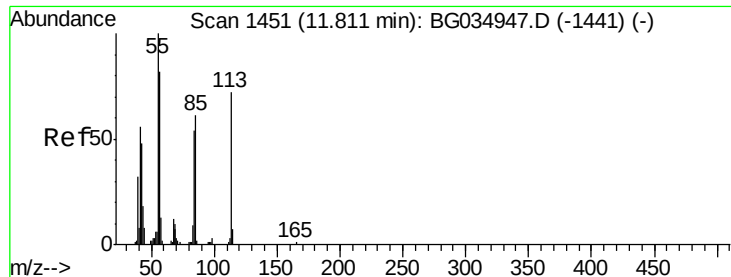
#34
Hexachlorobutadiene
Concen: 53.540 ng
RT: 11.19 min Scan# 1346
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:	225	Resp:	155199
Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.7	74.5
227	63.8	48.1	72.1



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





#35

Caprolactam

Concen: 32.381 ng

RT: 11.79 min Scan# 1447

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

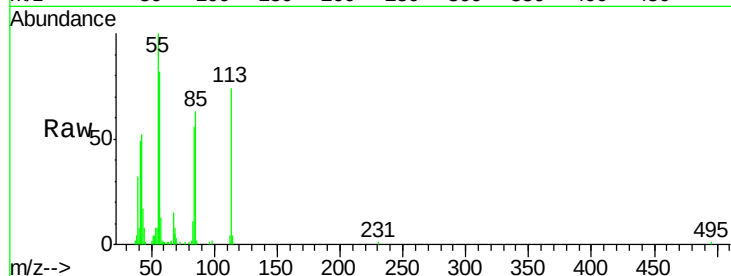
Tgt Ion:113 Resp: 37199

Ion Ratio Lower Upper

113 100

55 135.3 186.9 226.9#

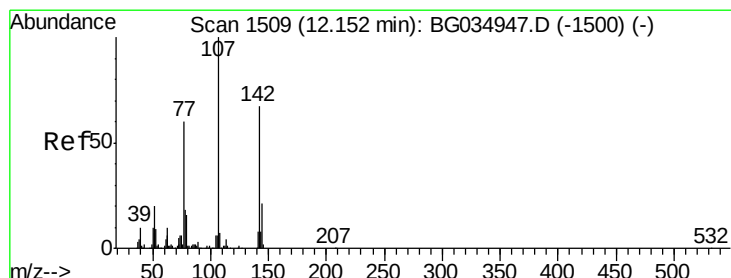
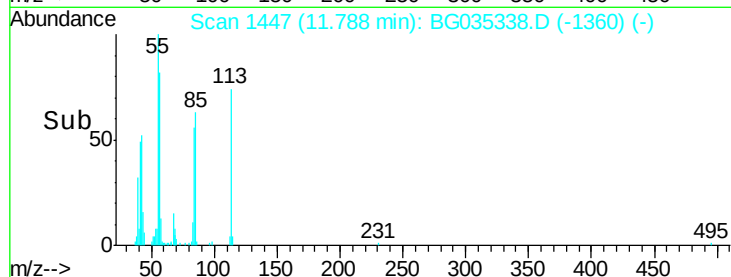
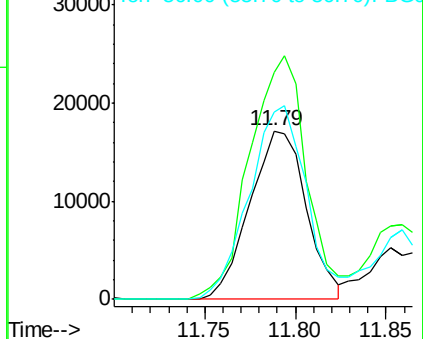
56 111.0 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 56.615 ng

RT: 12.13 min Scan# 1505

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

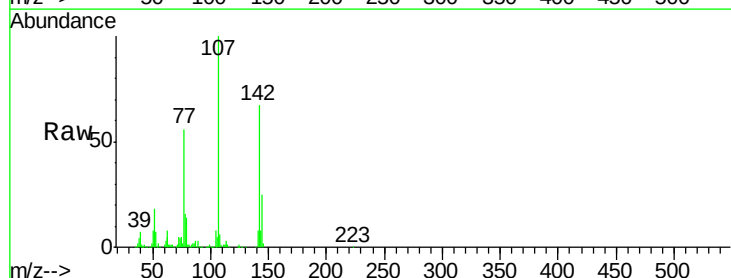
Tgt Ion:107 Resp: 219372

Ion Ratio Lower Upper

107 100

144 25.0 18.2 27.4

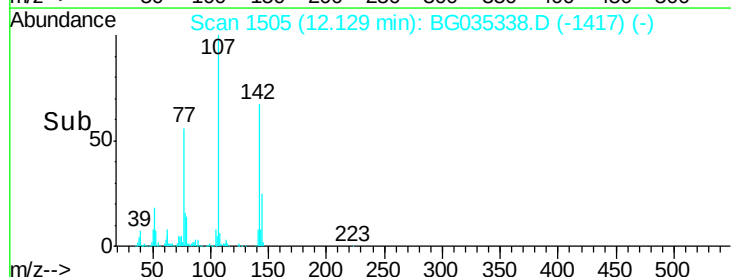
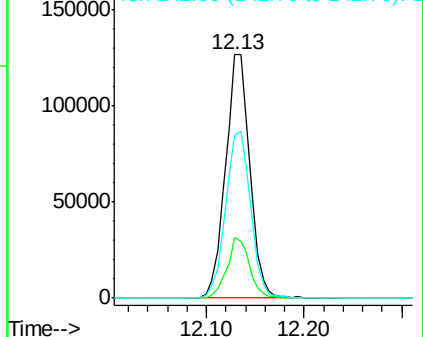
142 67.1 59.0 88.4

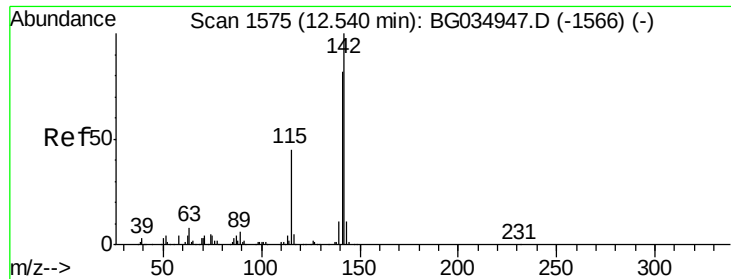


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

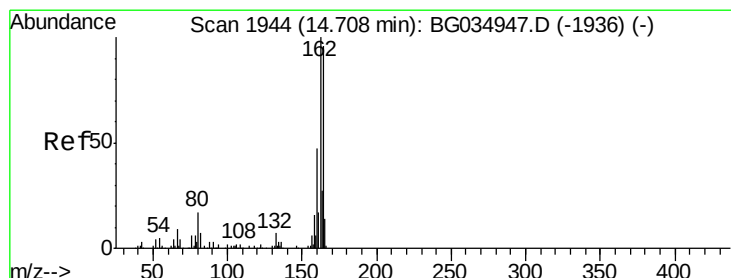
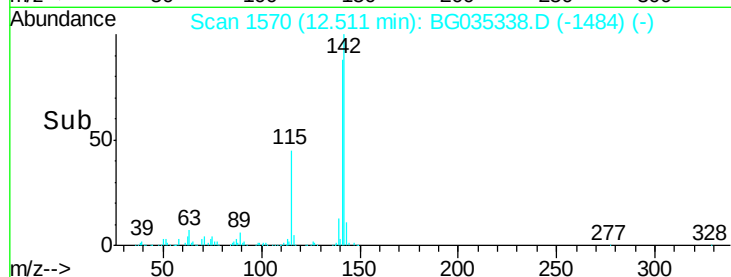
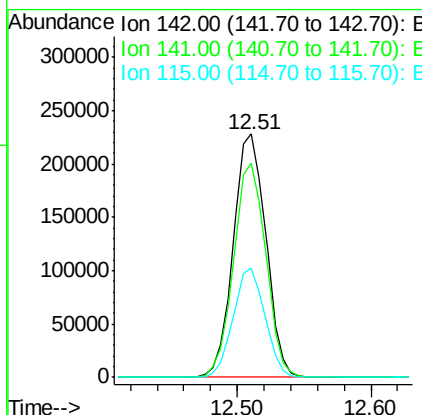
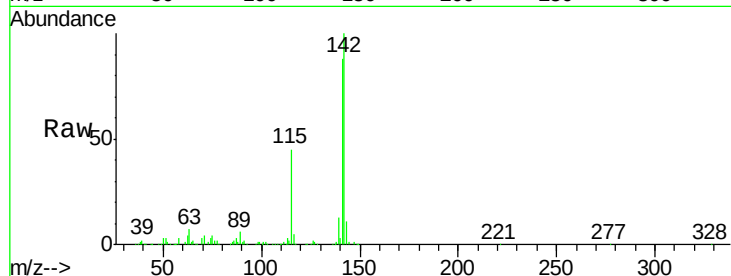




#37
 2-Methylnaphthalene
 Concen: 53.426 ng
 RT: 12.51 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

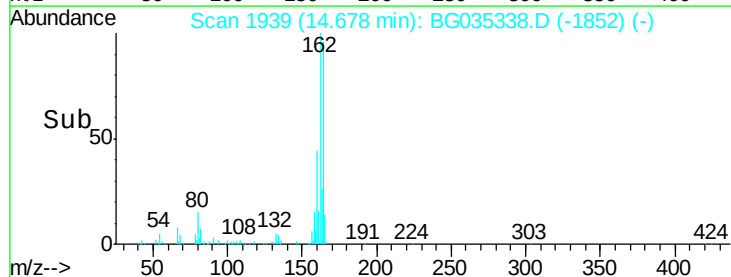
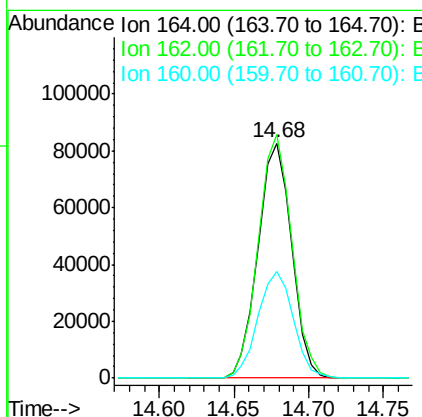
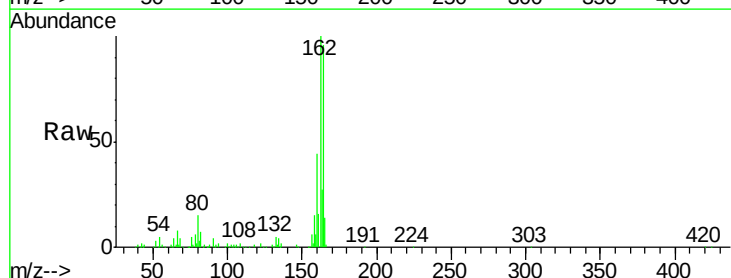
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

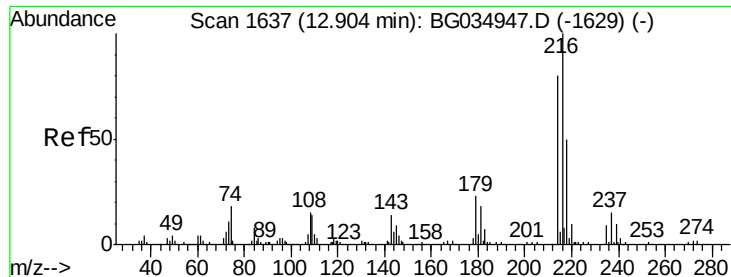
Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	67.1	100.7
115	44.9	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	45.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 55.617 ng

RT: 12.87 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

Tgt Ion:216 Resp: 266263

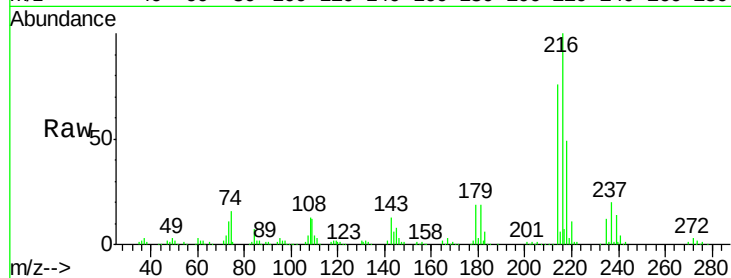
Ion Ratio Lower Upper

216 100

214 76.5 63.0 94.4

179 19.0 17.0 25.6

108 15.9 12.8 19.2

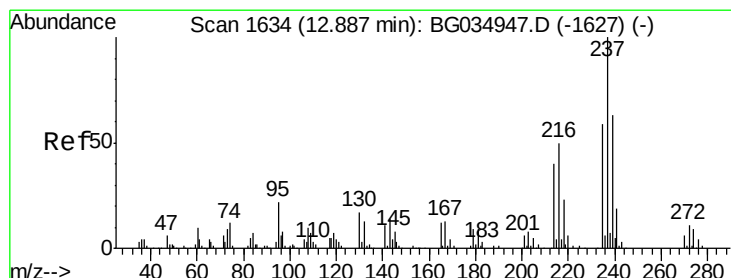
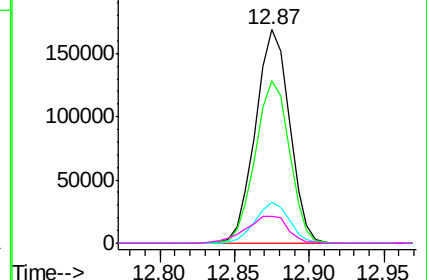
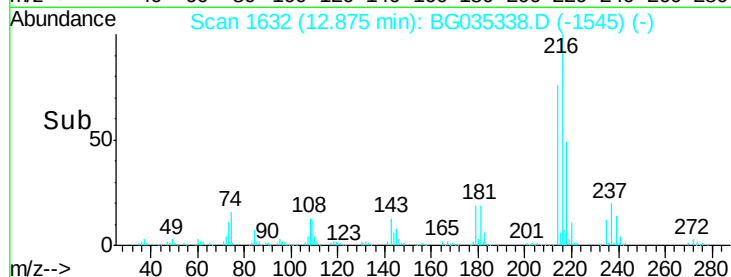


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 118.423 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

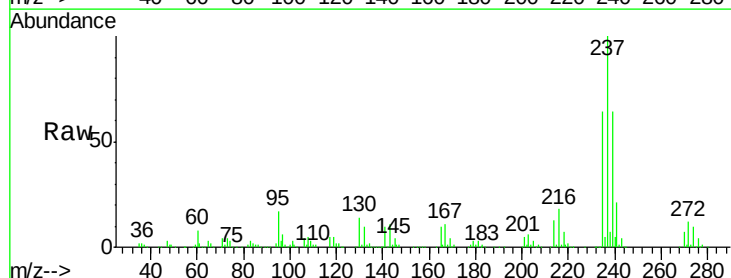
Tgt Ion:237 Resp: 355528

Ion Ratio Lower Upper

237 100

235 63.9 50.4 90.4

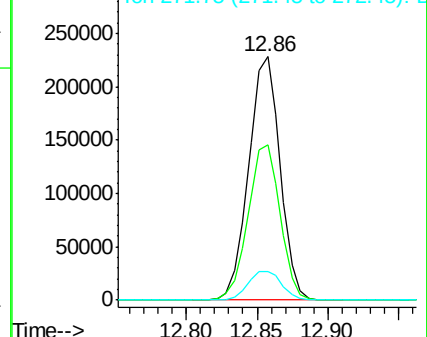
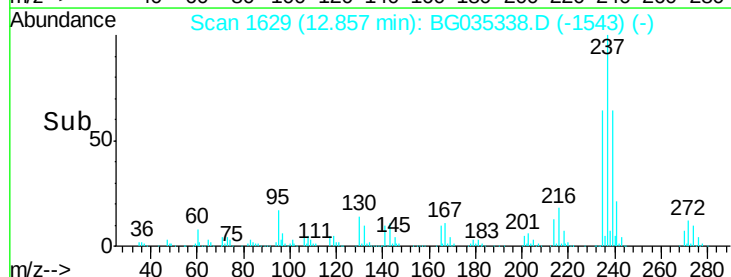
272 11.7 0.0 31.8

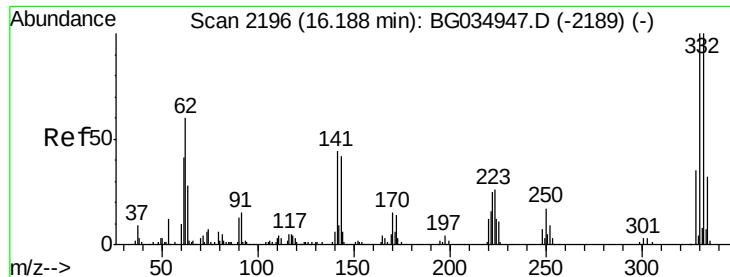


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

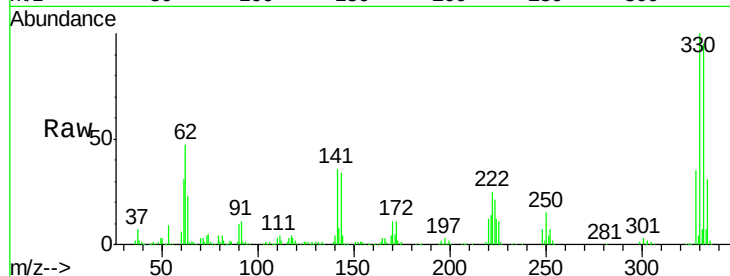




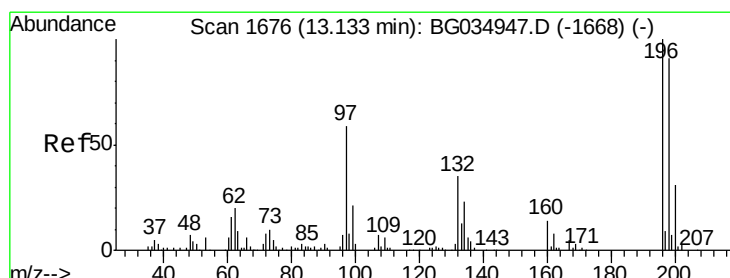
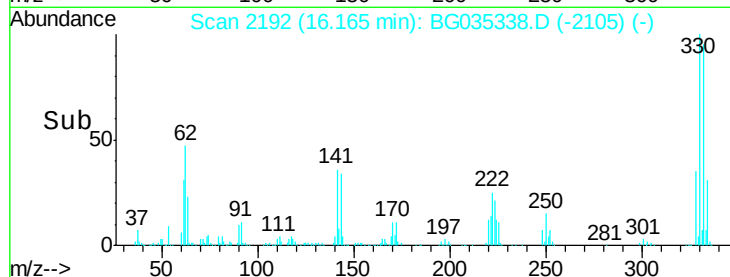
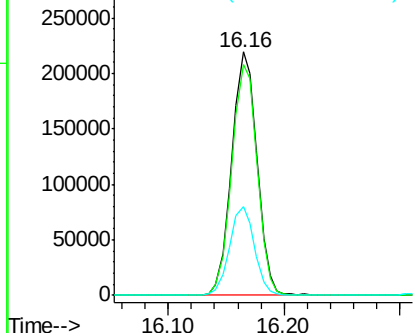
#41
 2,4,6-Tribromophenol
 Concen: 202.763 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.8	25.2	37.8

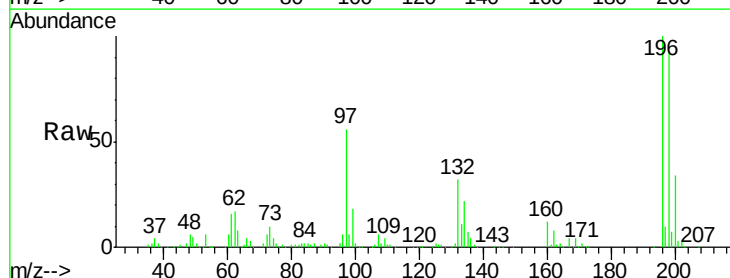


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

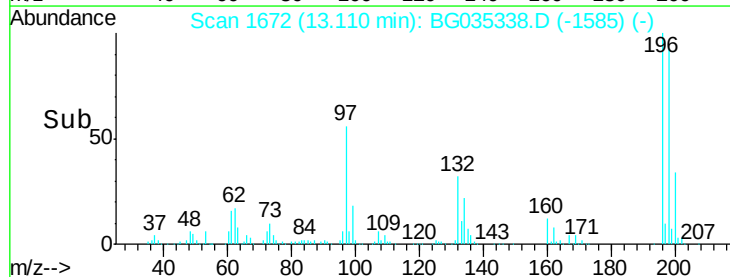
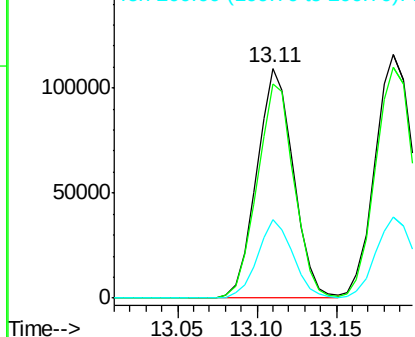


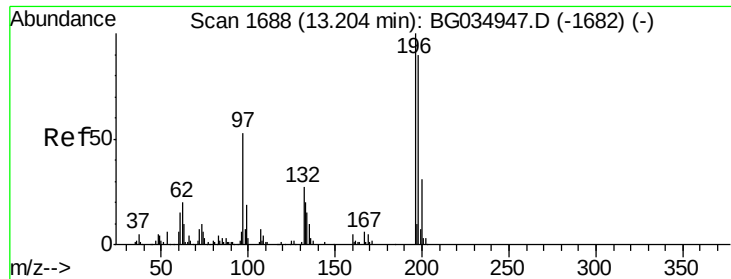
#42
 2,4,6-Trichlorophenol
 Concen: 61.374 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.0	78.2	117.2
200	34.0	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

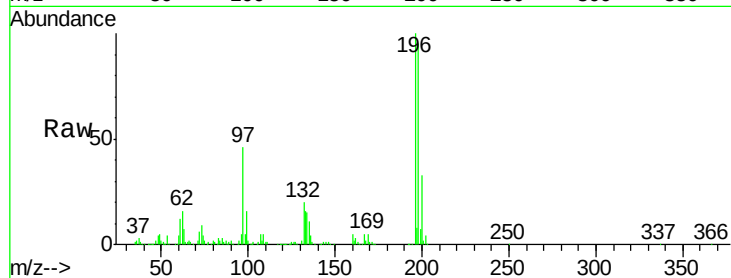




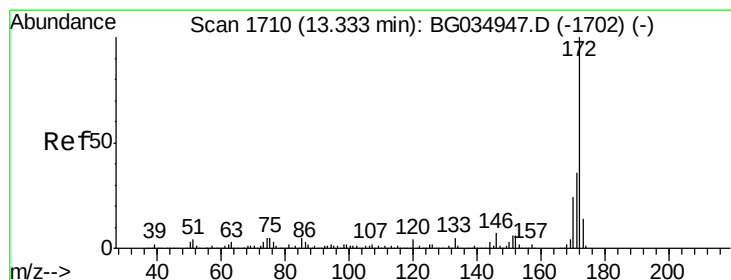
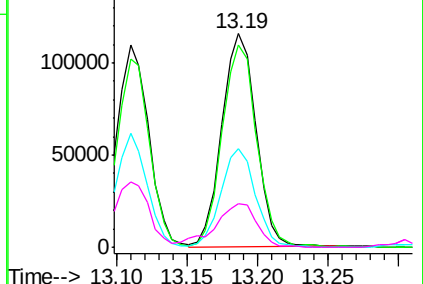
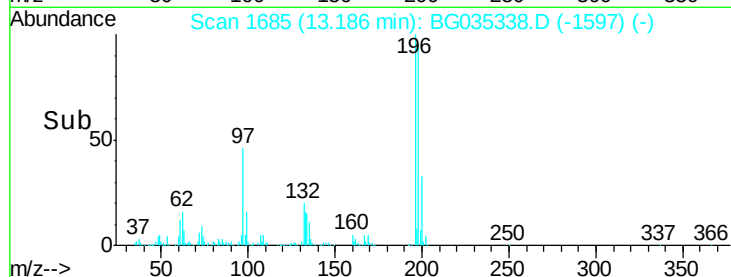
#43
2,4,5-Trichlorophenol
Concen: 61.757 ng
RT: 13.19 min Scan# 1685
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tgt Ion:196 Resp: 194312
Ion Ratio Lower Upper
196 100
198 94.5 76.2 114.4
97 46.2 38.7 58.1
132 20.2 20.2 30.2

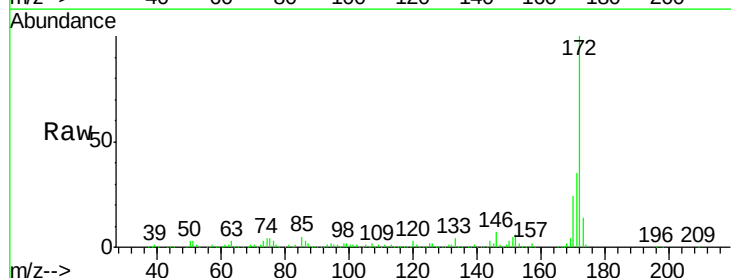


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

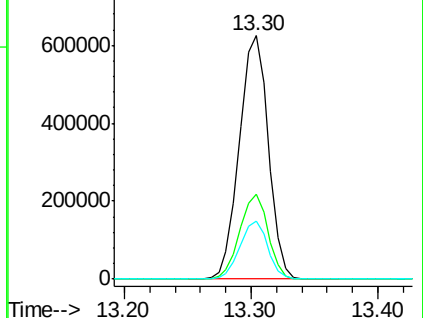
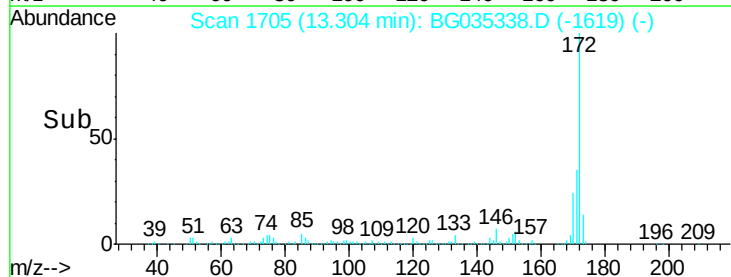


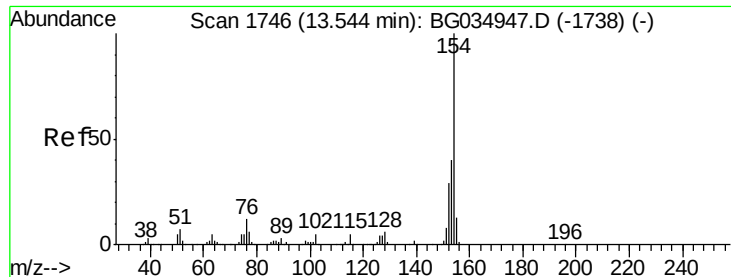
#44
2-Fluorobiphenyl
Concen: 99.947 ng
RT: 13.30 min Scan# 1705
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:172 Resp: 988175
Ion Ratio Lower Upper
172 100
171 35.1 30.0 45.0
170 23.9 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

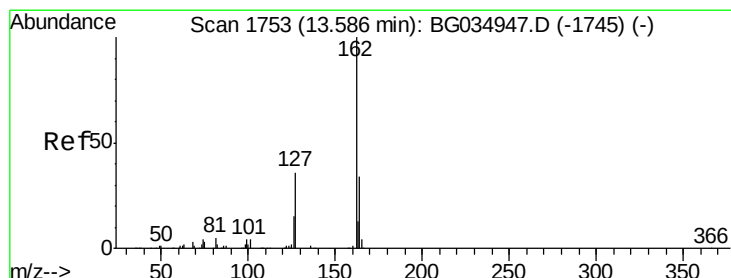
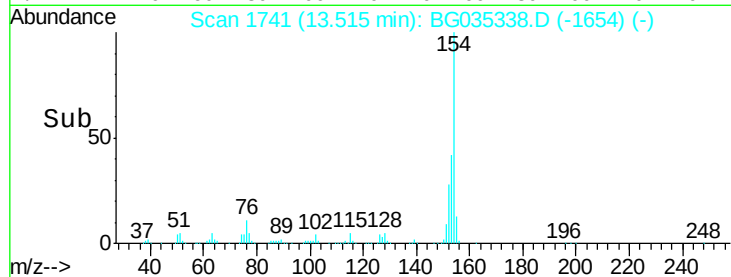
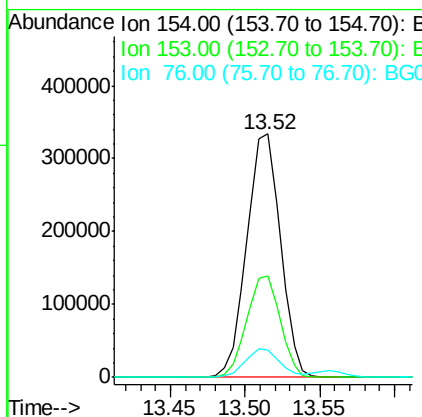
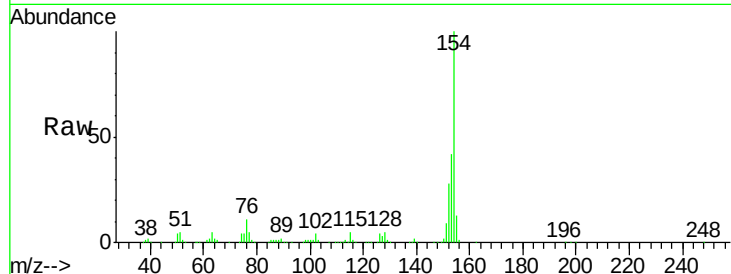




#45
 1,1'-Biphenyl
 Concen: 50.360 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

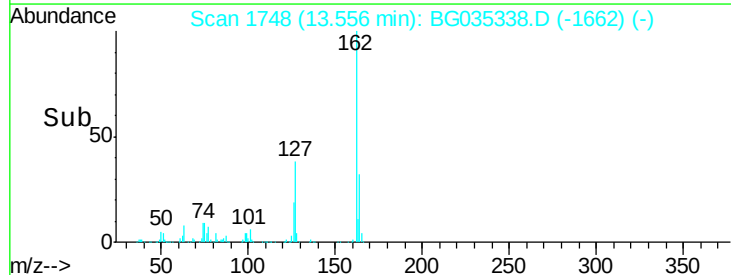
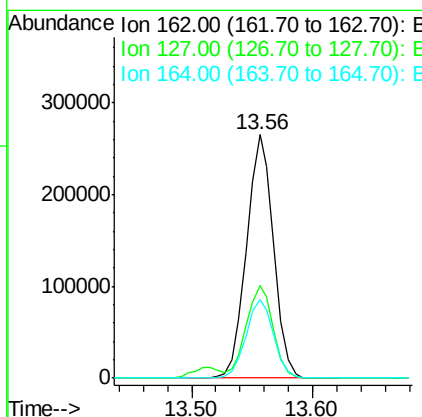
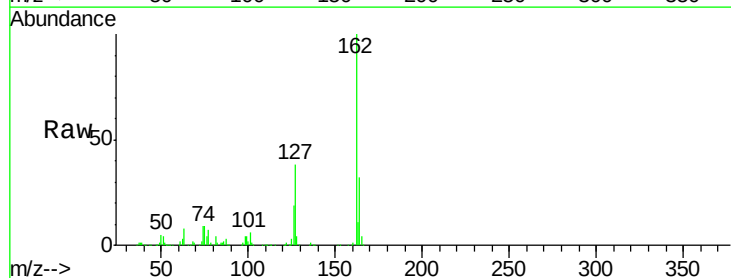
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

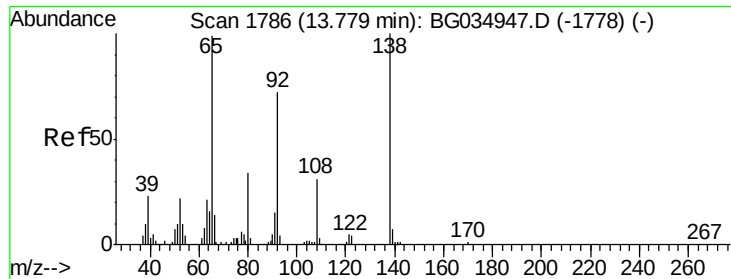
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 52.575 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	32.4	26.0	39.0

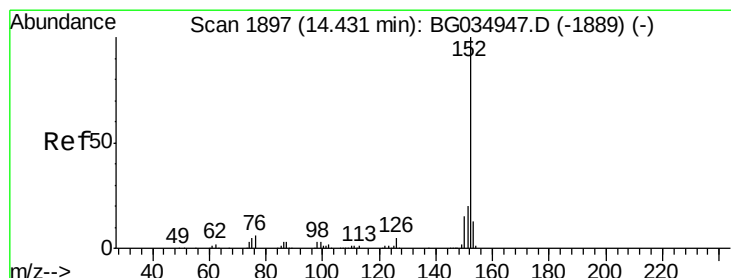
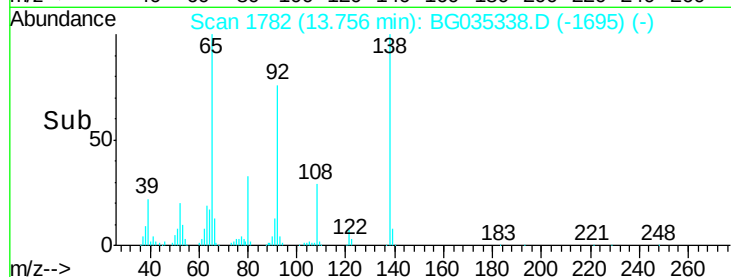
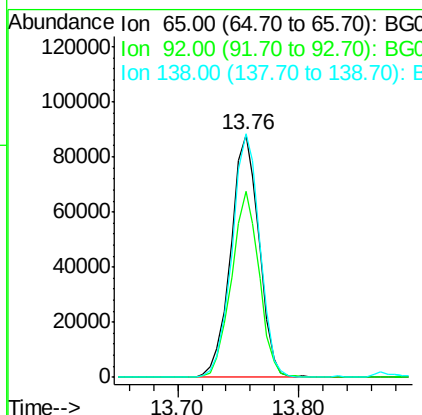
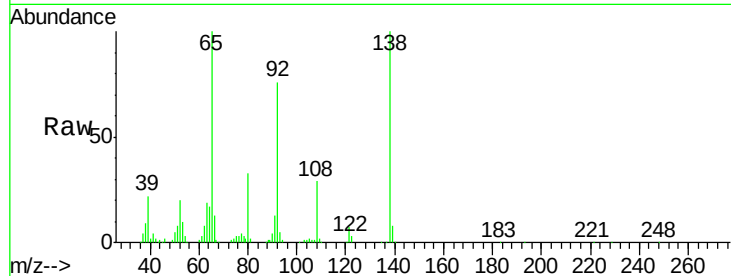




#47
2-Nitroaniline
Concen: 62.141 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

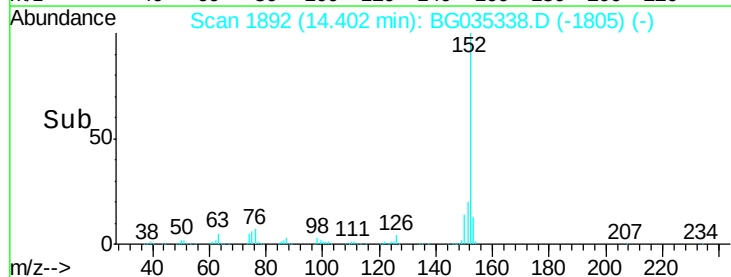
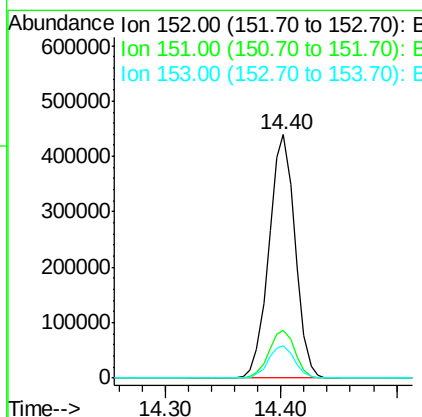
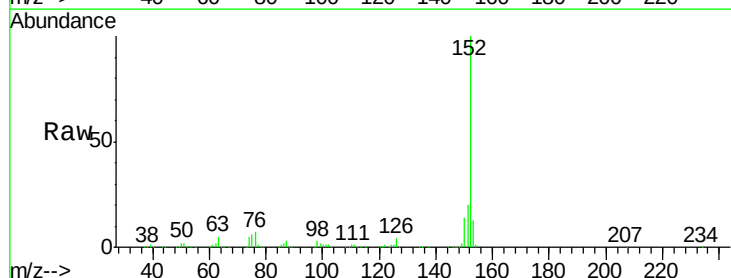
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

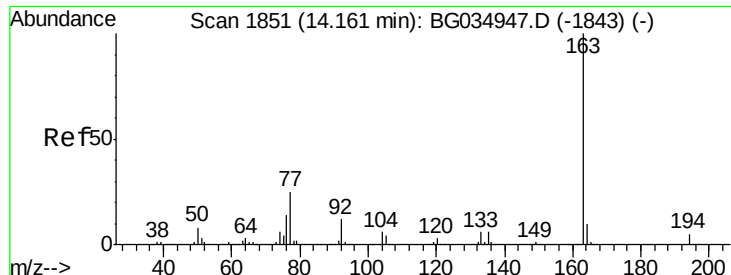
Tgt Ion: 65 Resp: 143384
Ion Ratio Lower Upper
65 100
92 76.5 54.6 82.0
138 100.3 72.9 109.3



#48
Acenaphthylene
Concen: 52.741 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion: 152 Resp: 691034
Ion Ratio Lower Upper
152 100
151 19.7 17.2 25.8
153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 51.384 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

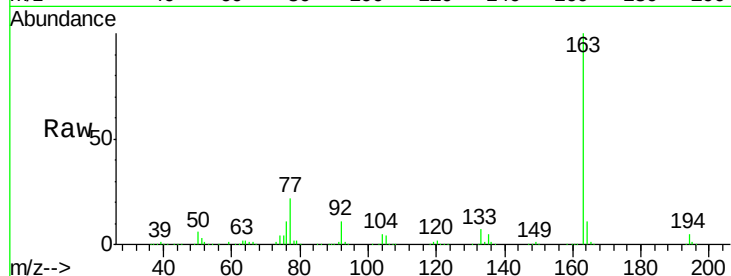
Tgt Ion:163 Resp: 575923

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

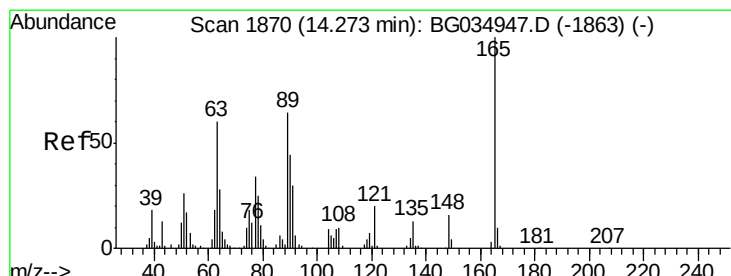
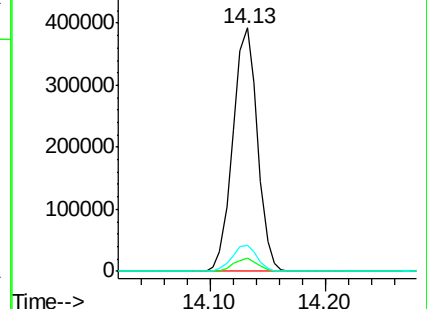
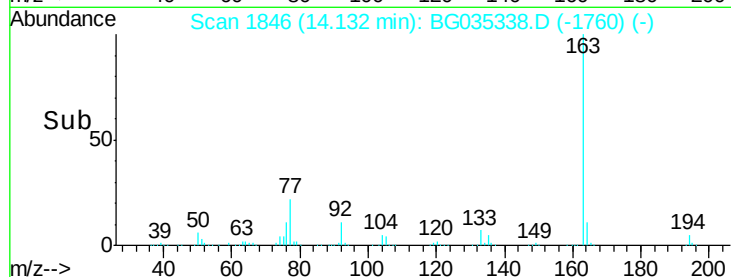
164 10.6 8.2 12.4



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: 66.950 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

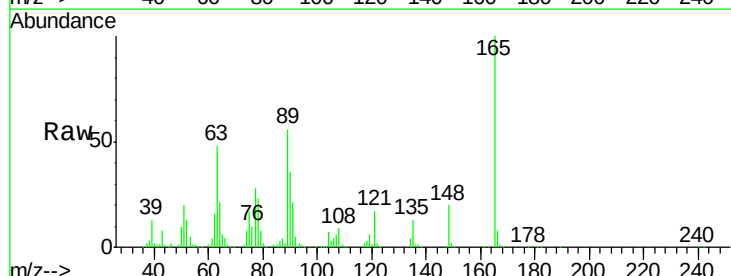
Tgt Ion:165 Resp: 136896

Ion Ratio Lower Upper

165 100

63 48.1 52.7 79.1#

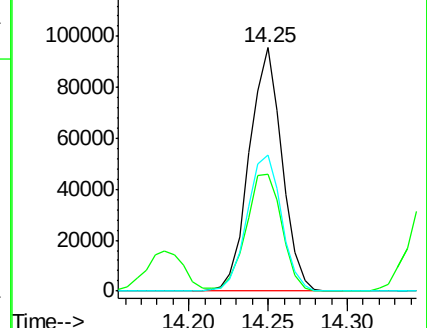
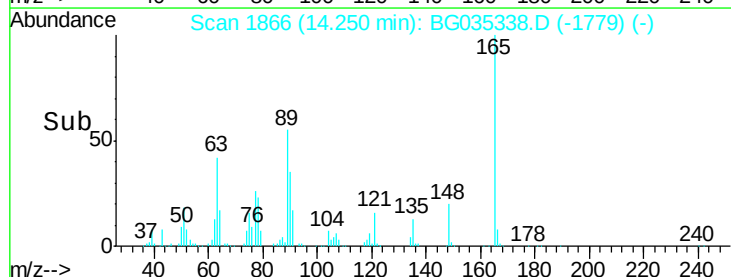
89 55.7 49.2 73.8

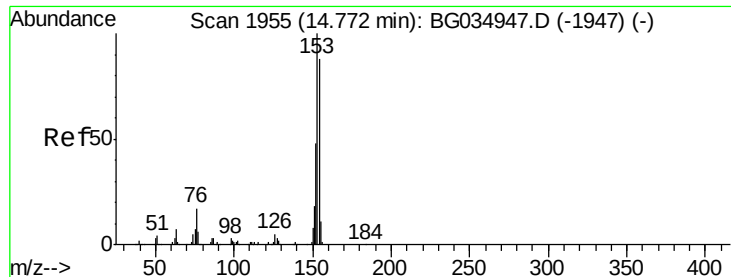


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.730 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

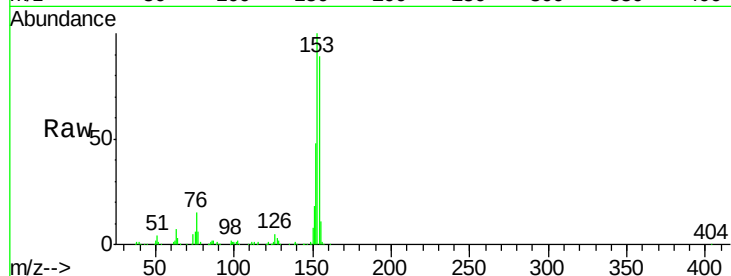
Tgt Ion:154 Resp: 408602

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

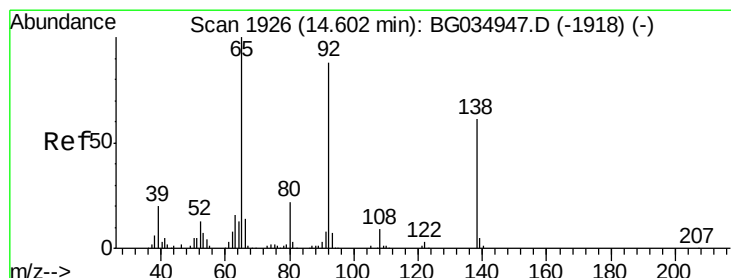
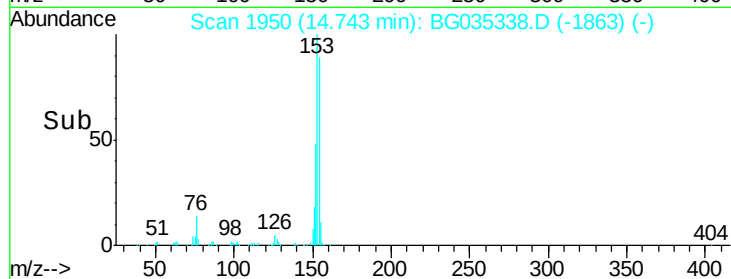
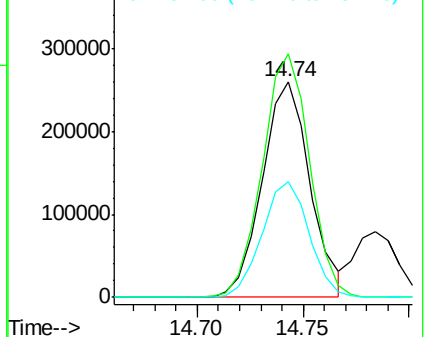
152 53.6 41.6 62.4



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: 31.103 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

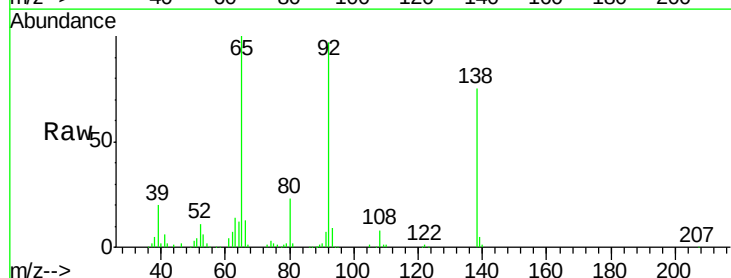
Tgt Ion:138 Resp: 62406

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

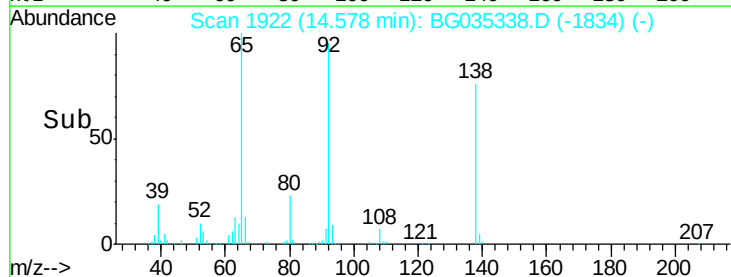
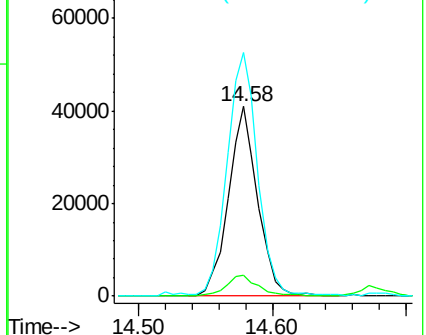
92 128.4 105.8 158.8

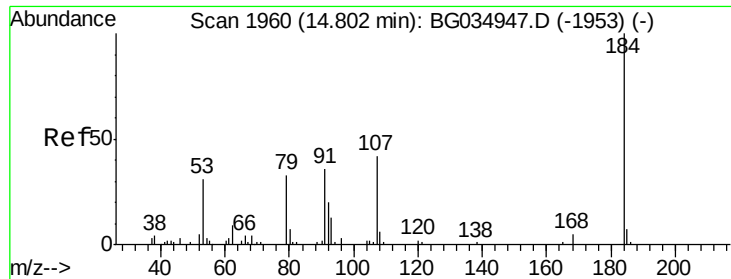


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

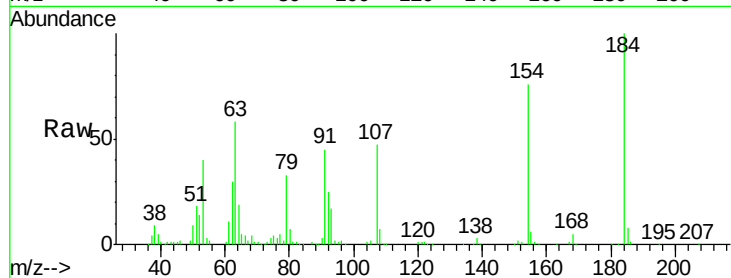




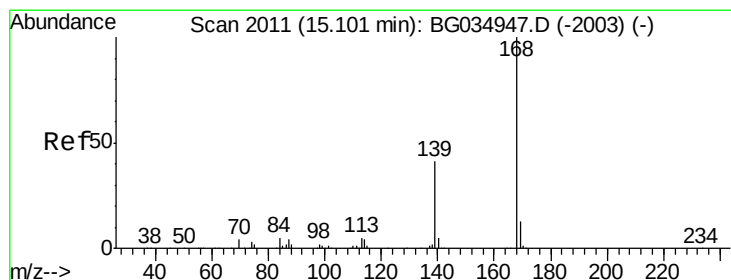
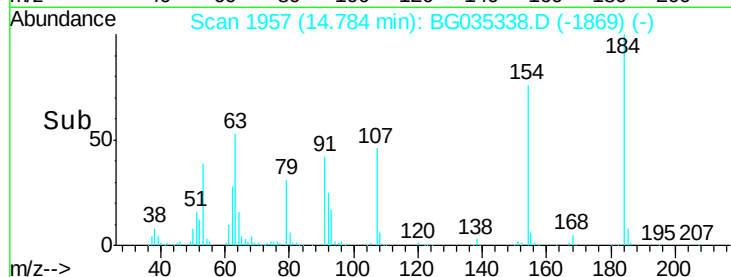
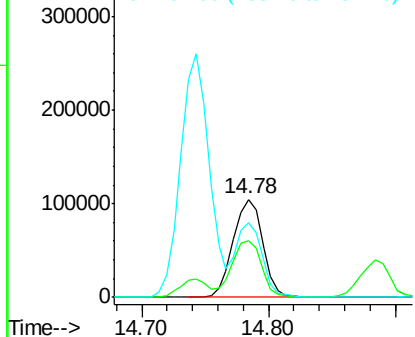
#53
2,4-Dinitrophenol
Concen: 204.247 ng
RT: 14.78 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tgt Ion:184 Resp: 169019
Ion Ratio Lower Upper
184 100
63 58.4 59.8 89.8#
154 75.8 101.8 152.8#

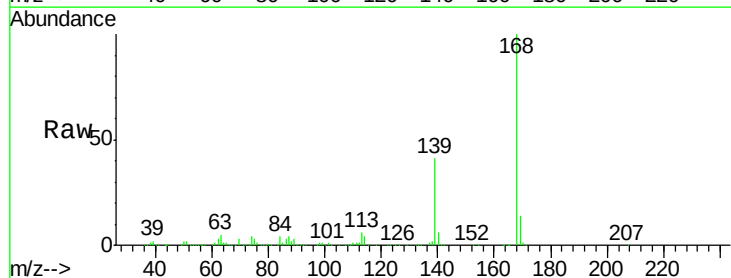


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

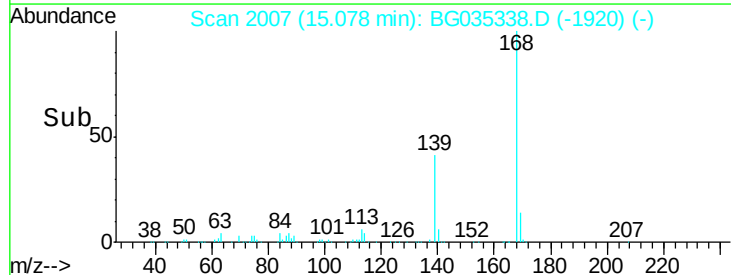
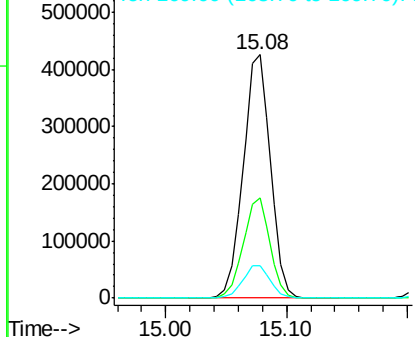


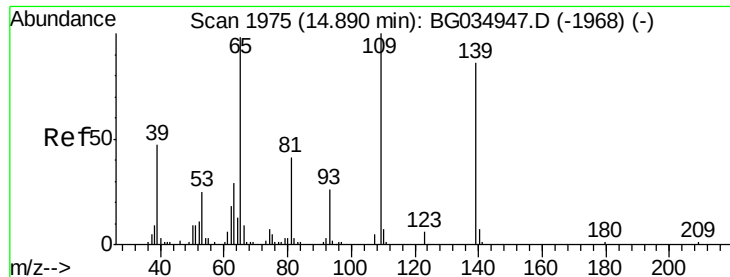
#54
Dibenzofuran
Concen: 52.071 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:168 Resp: 667624
Ion Ratio Lower Upper
168 100
139 41.4 28.6 43.0
169 13.5 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

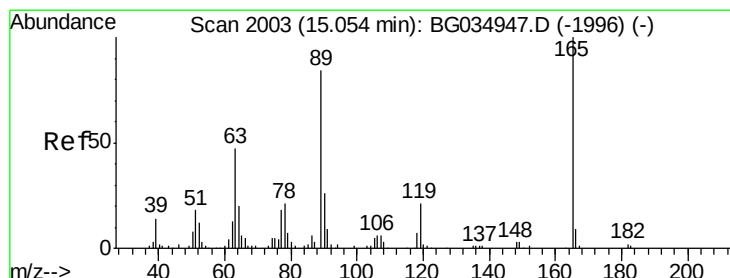
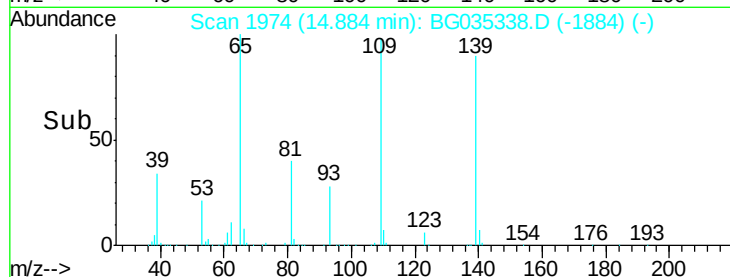
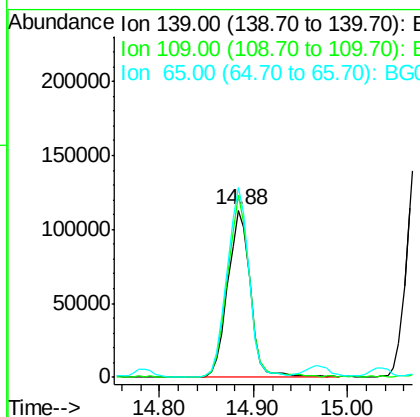
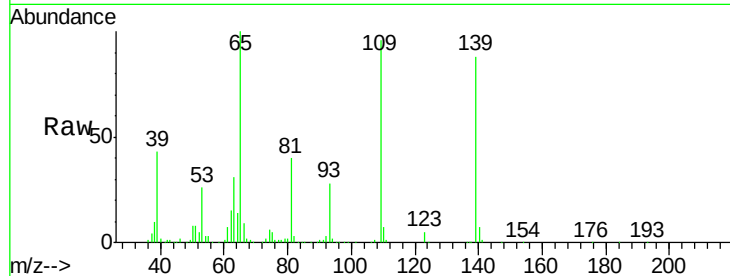




#55
4-Nitrophenol
Concen: 111.518 ng
RT: 14.88 min Scan# 1974
Delta R.T. -0.00 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

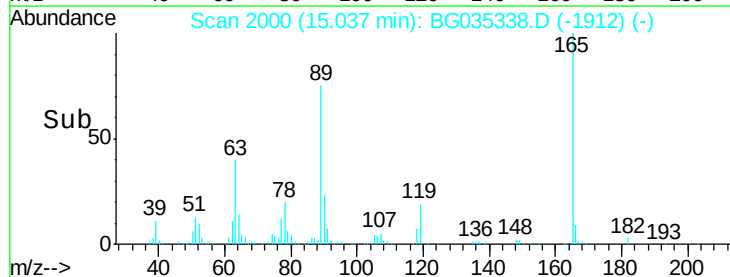
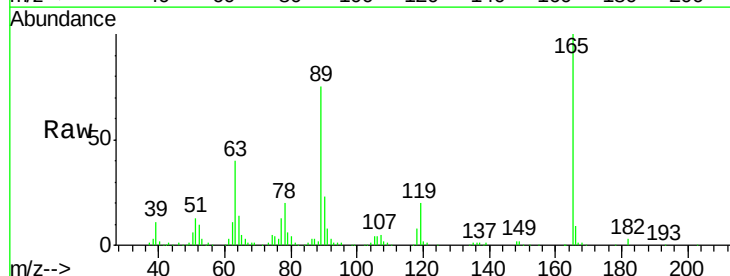
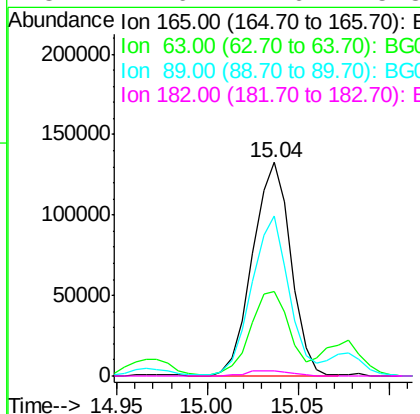
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

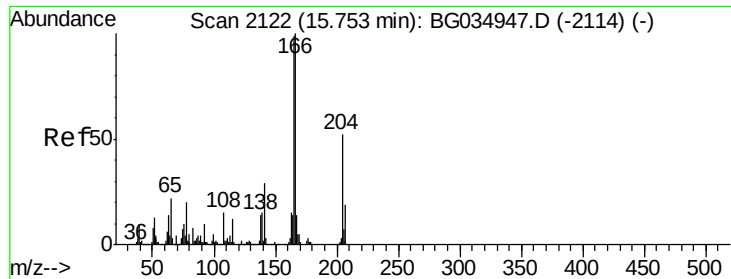
Tgt Ion:139 Resp: 188841
Ion Ratio Lower Upper
139 100
109 109.1 62.2 102.2#
65 113.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 72.343 ng
RT: 15.04 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:165 Resp: 196500
Ion Ratio Lower Upper
165 100
63 39.8 42.0 63.0#
89 74.9 66.9 100.3
182 2.6 2.6 3.8





#57

Fluorene

Concen: 53.079 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

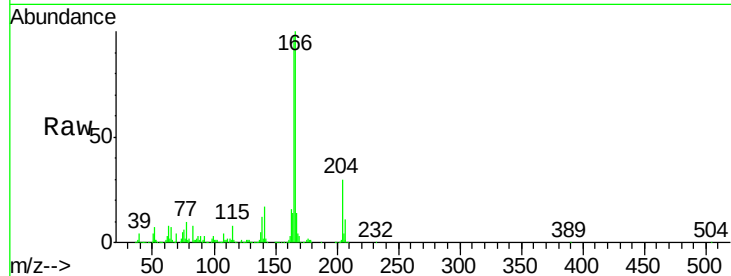
Tgt Ion:166 Resp: 568750

Ion Ratio Lower Upper

166 100

165 97.7 80.6 121.0

167 13.7 10.4 15.6

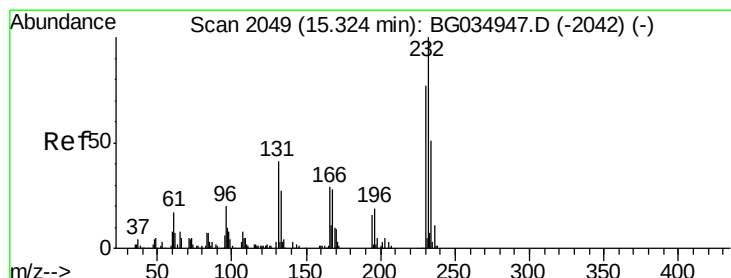
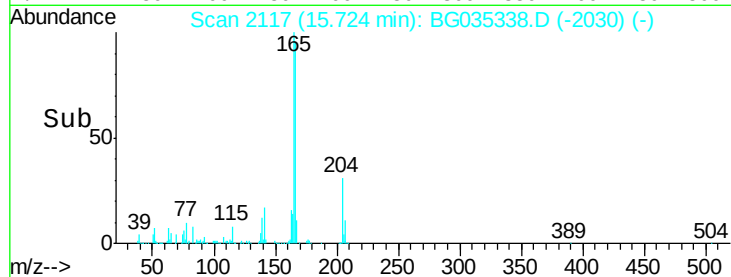
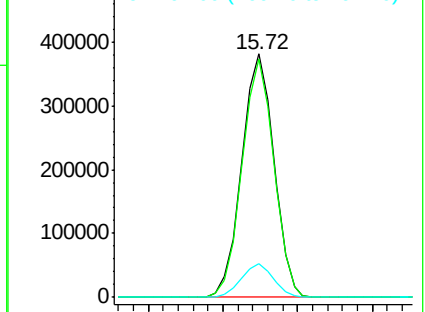


Abundance

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: 64.904 ng

RT: 15.30 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Tgt Ion:232 Resp: 198383

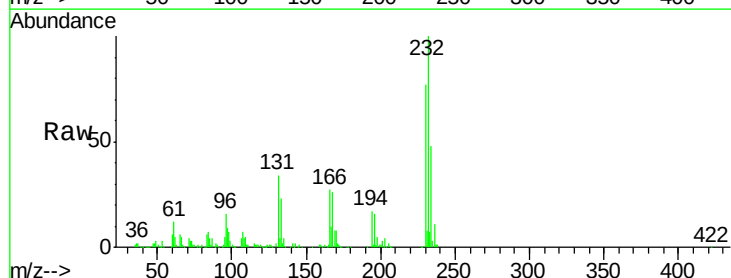
Ion Ratio Lower Upper

232 100

131 36.1 33.5 50.3

130 2.1 2.2 3.2#

166 27.9 24.8 37.2



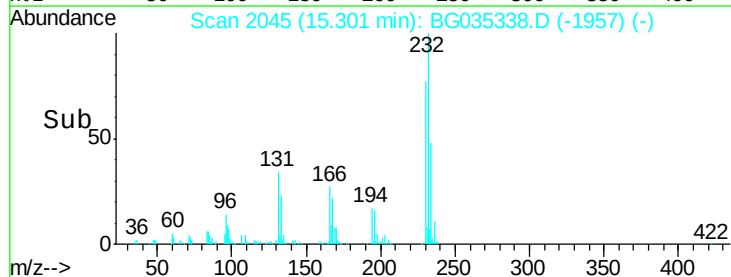
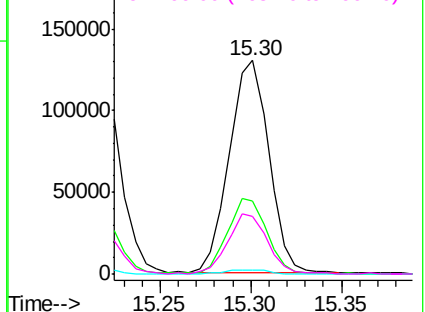
Abundance

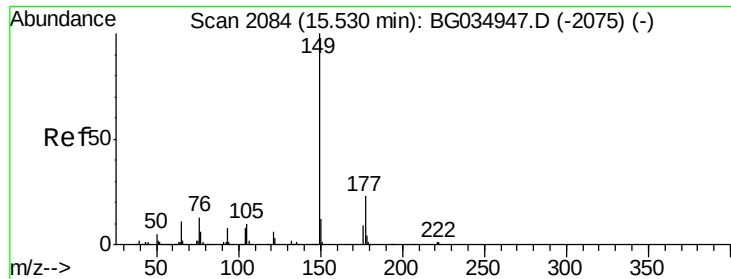
Ion 232.00 (231.70 to 232.70): E

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

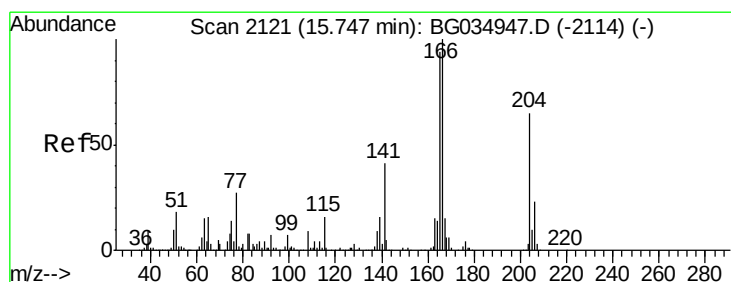
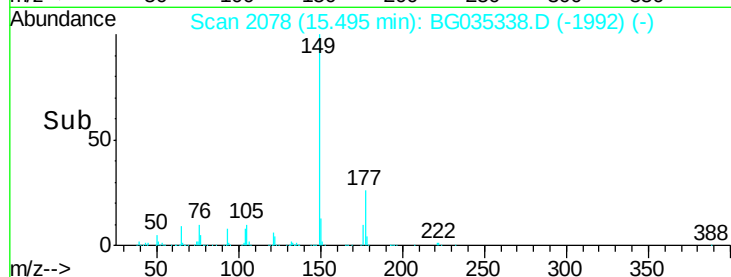
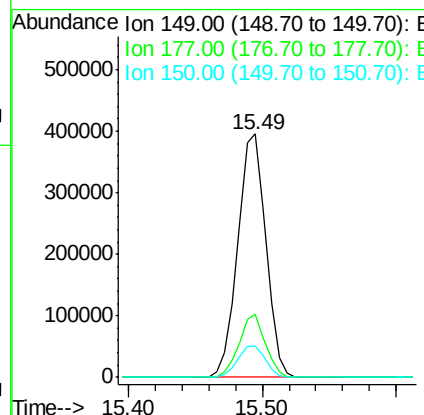
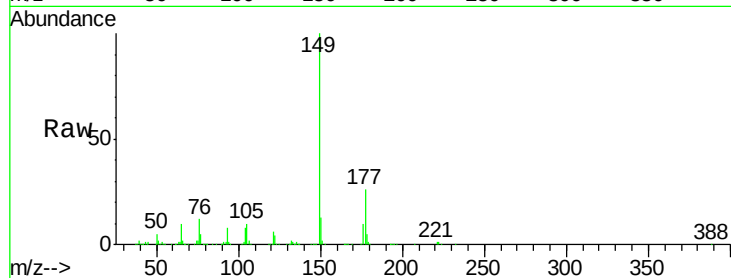




#59
Diethylphthalate
Concen: 50.471 ng
RT: 15.49 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

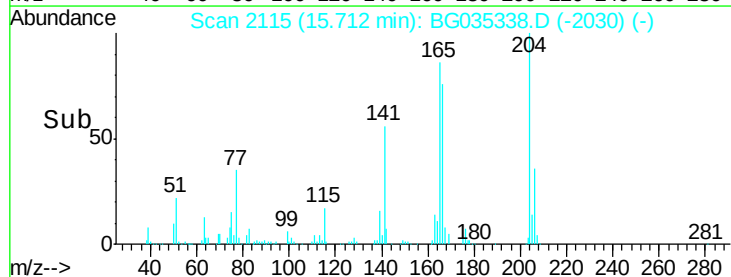
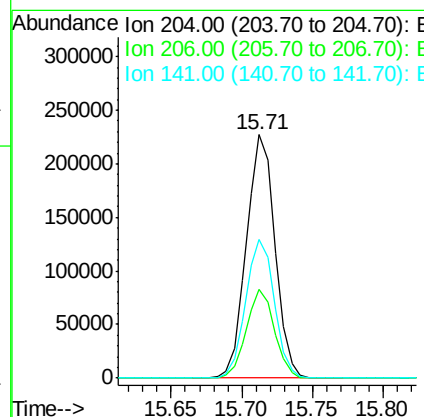
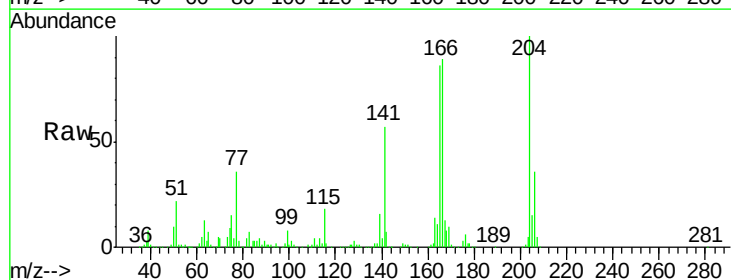
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

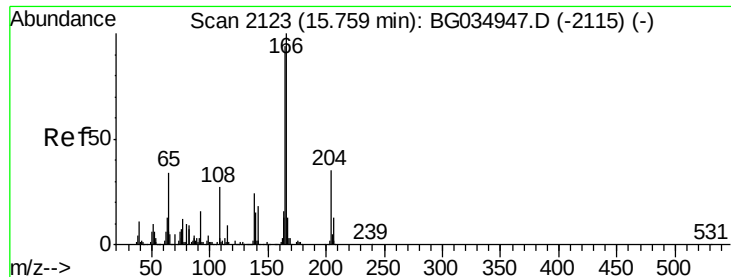
Tgt Ion:149 Resp: 577147
Ion Ratio Lower Upper
149 100
177 26.2 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 52.633 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:204 Resp: 321597
Ion Ratio Lower Upper
204 100
206 36.3 26.2 39.2
141 56.9 45.8 68.6

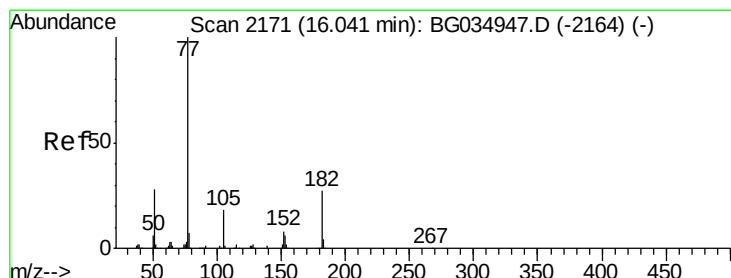
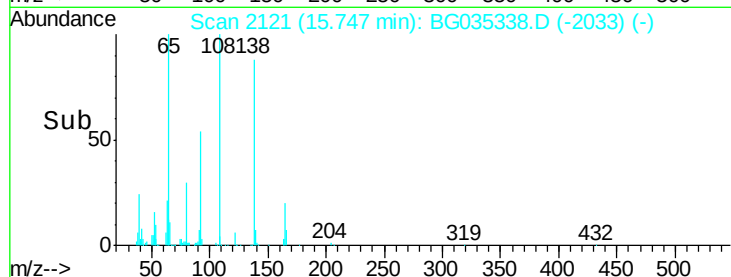
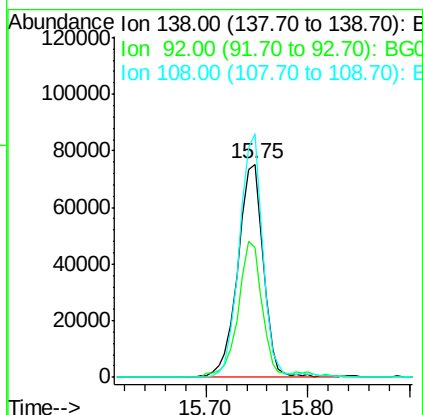
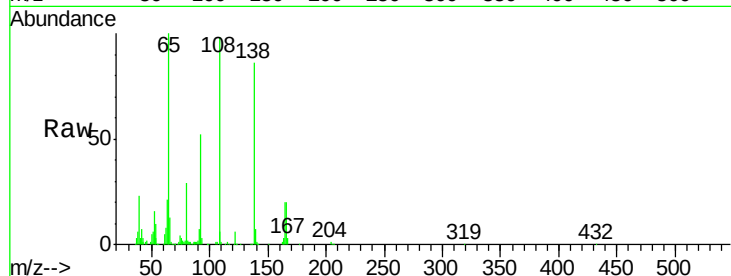




#61
4-Nitroaniline
Concen: 61.847 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

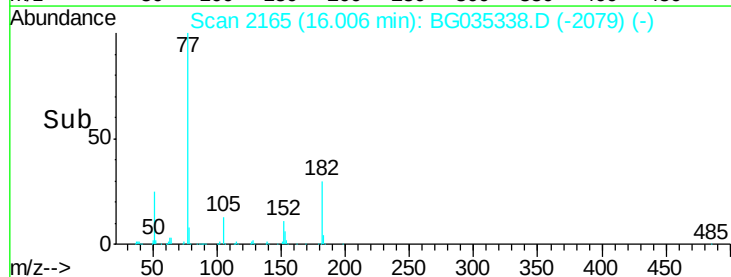
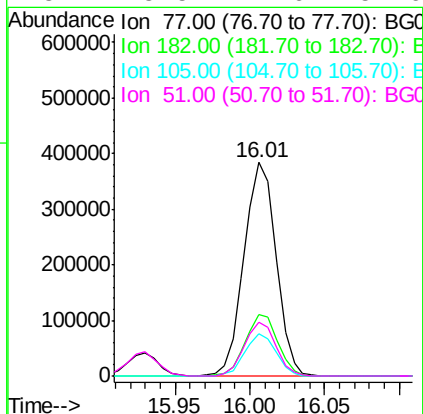
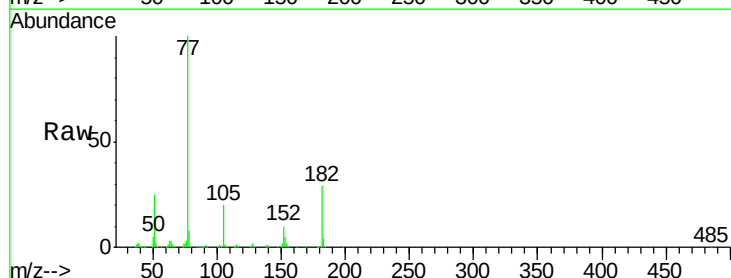
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

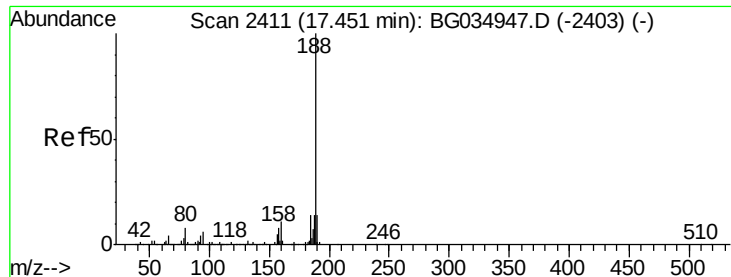
Tgt Ion:138 Resp: 133082
Ion Ratio Lower Upper
138 100
92 61.1 40.1 80.1
108 114.4 65.4 105.4#



#62
Azobenzene
Concen: 50.707 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion: 77 Resp: 568214
Ion Ratio Lower Upper
77 100
182 28.8 7.4 47.4
105 19.6 0.3 40.3
51 25.5 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

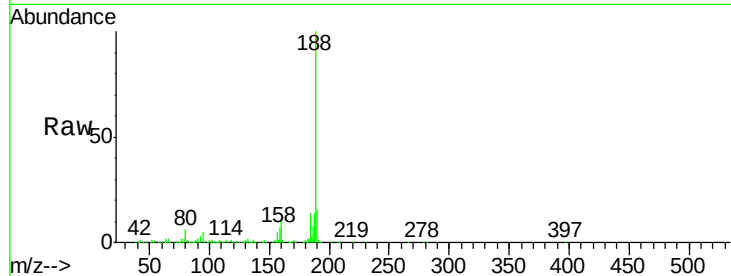
Tgt Ion:188 Resp: 344000

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

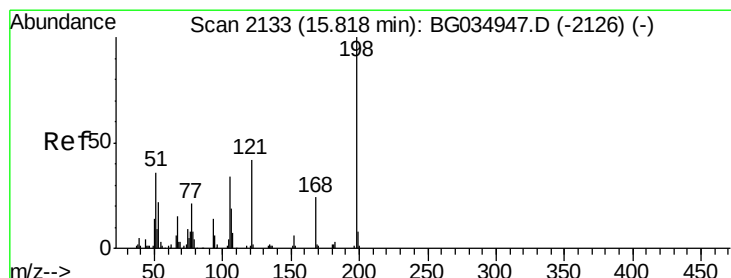
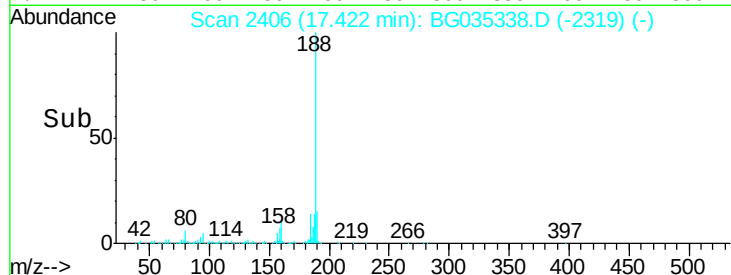
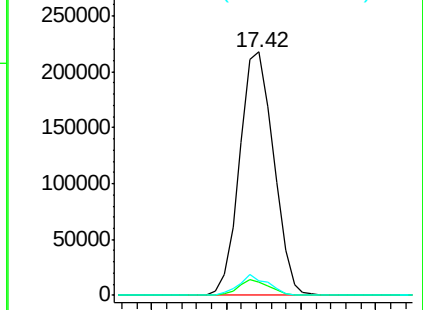
80 6.1 7.7 11.5#



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: 75.298 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

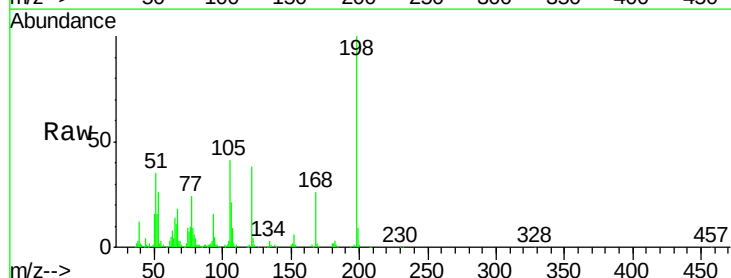
Tgt Ion:198 Resp: 118264

Ion Ratio Lower Upper

198 100

51 35.0 30.6 70.6

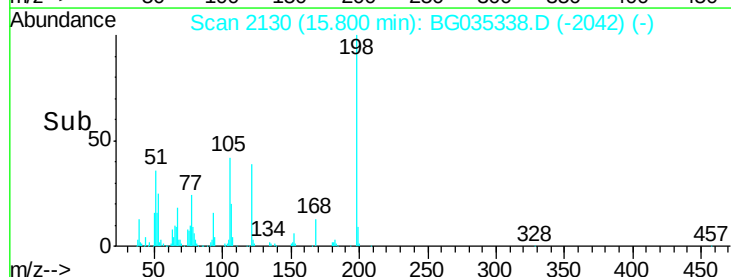
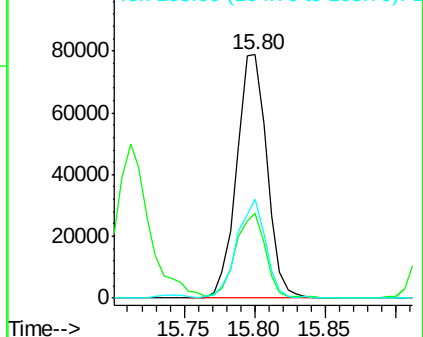
105 40.8 23.8 63.8

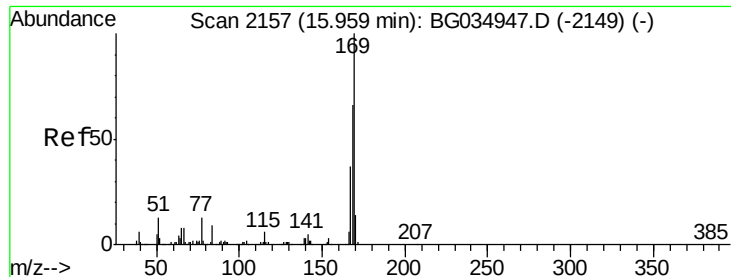


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

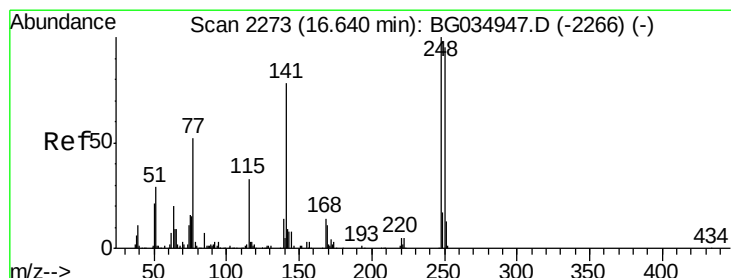
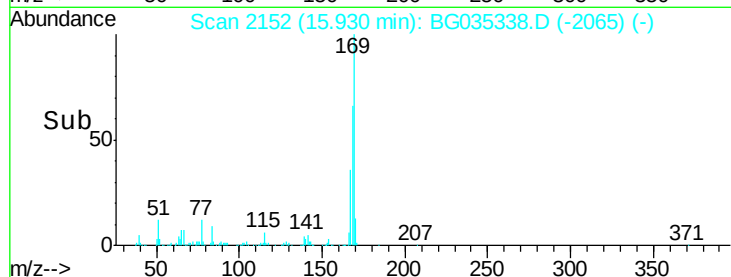
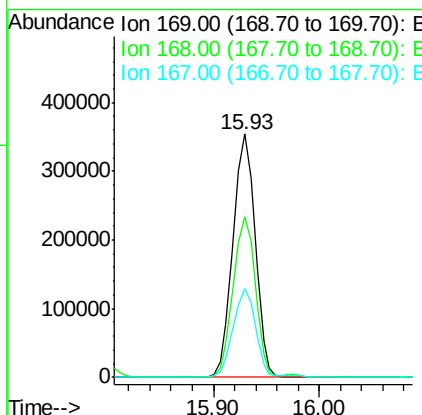
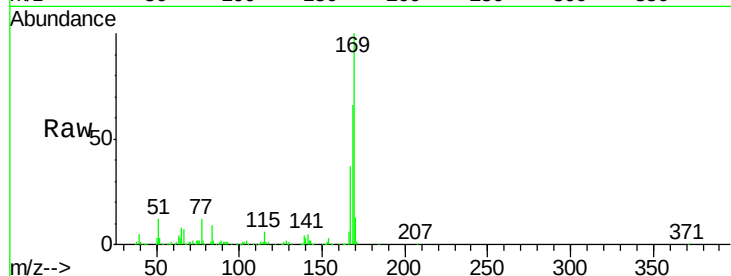




#65
n-Nitrosodiphenylamine
Concen: 49.779 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

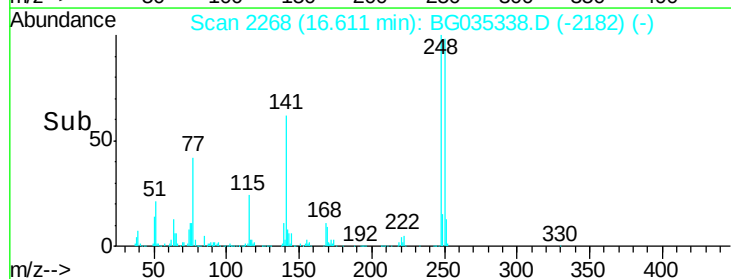
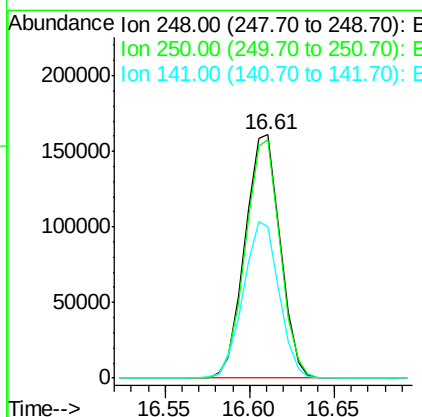
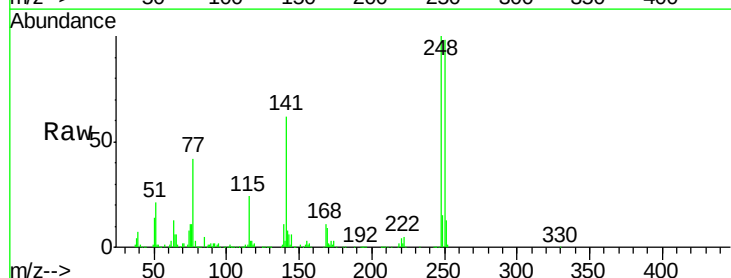
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

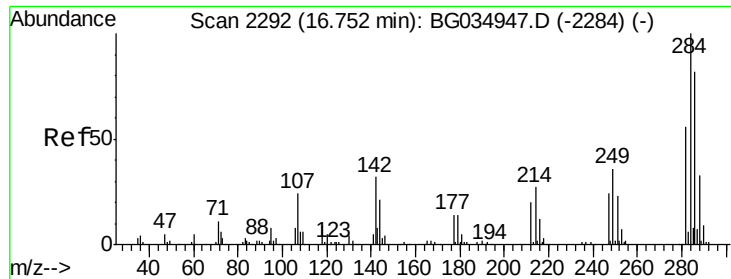
Tgt Ion:169 Resp: 514252
Ion Ratio Lower Upper
169 100
168 66.1 55.7 83.5
167 36.5 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 56.246 ng
RT: 16.61 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:248 Resp: 233004
Ion Ratio Lower Upper
248 100
250 97.8 77.1 115.7
141 62.0 50.8 76.2





#67

Hexachlorobenzene

Concen: 55.151 ng

RT: 16.73 min Scan# 2288

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

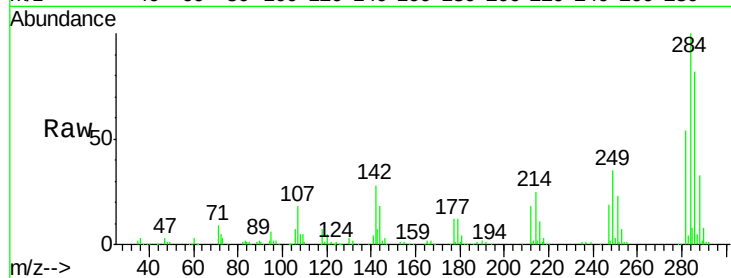
Tgt Ion:284 Resp: 232542

Ion Ratio Lower Upper

284 100

142 28.4 26.8 40.2

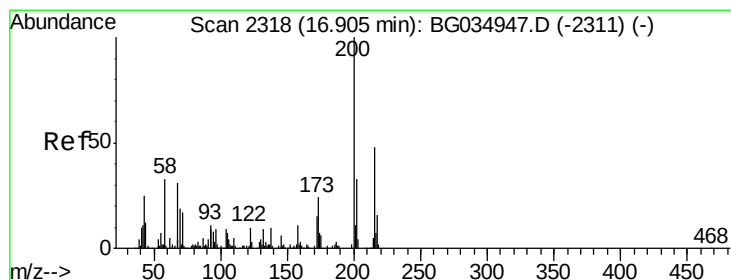
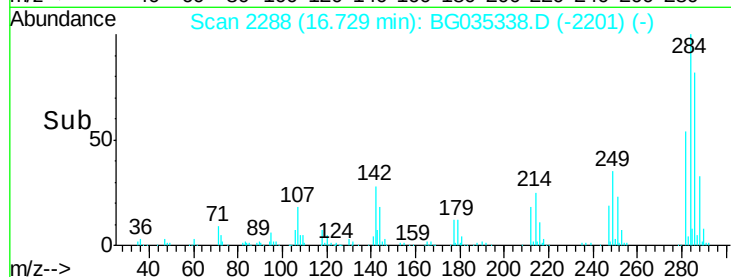
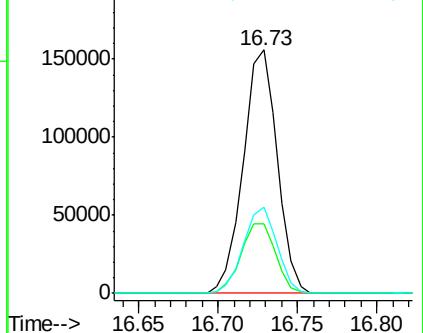
249 35.2 26.3 39.5



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: 53.958 ng

RT: 16.88 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

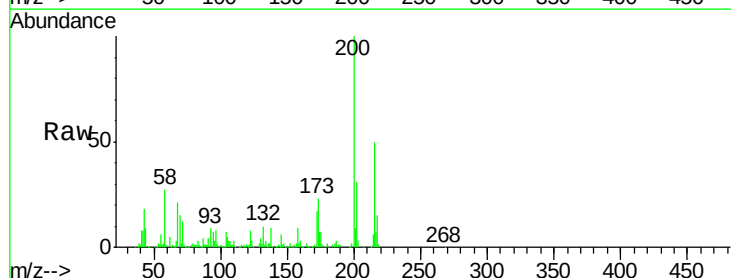
Tgt Ion:200 Resp: 237712

Ion Ratio Lower Upper

200 100

173 23.4 5.2 45.2

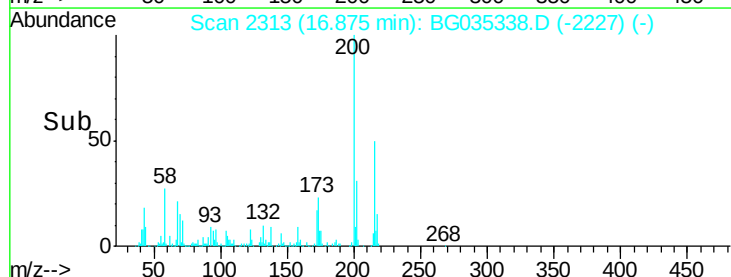
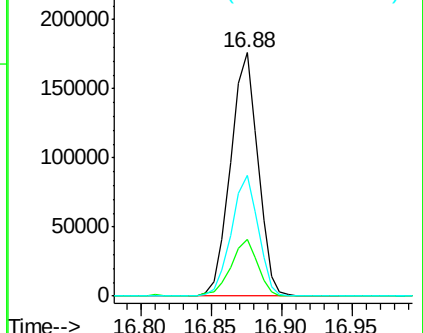
215 49.7 30.4 70.4

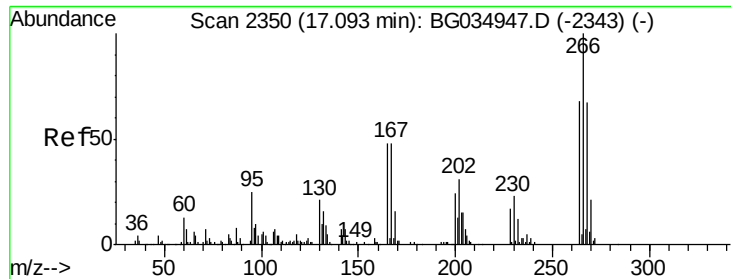


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

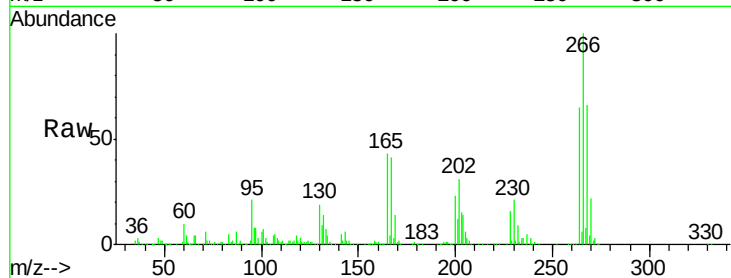




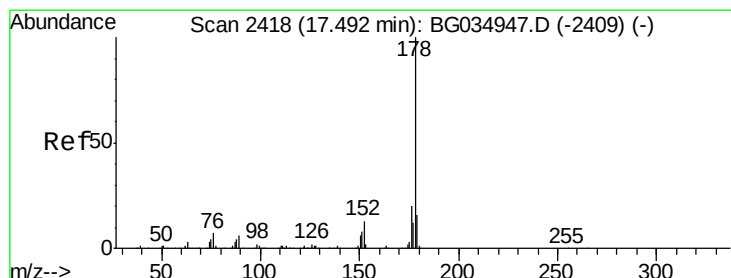
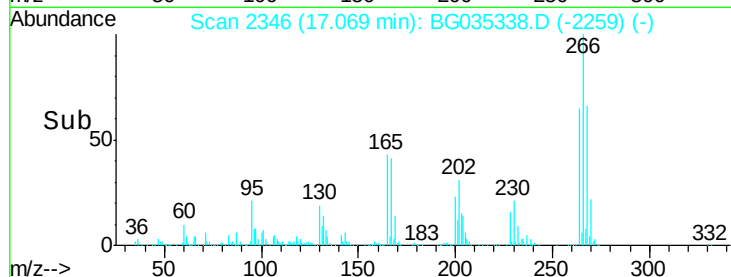
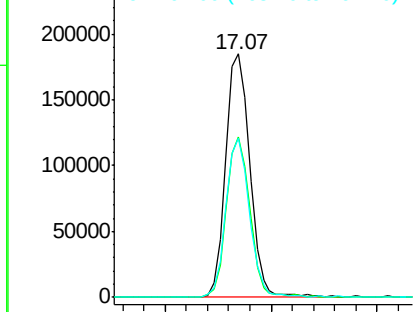
#69
 Pentachlorophenol
 Concen: 103.578 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.1	76.7
264	65.3	49.6	74.4

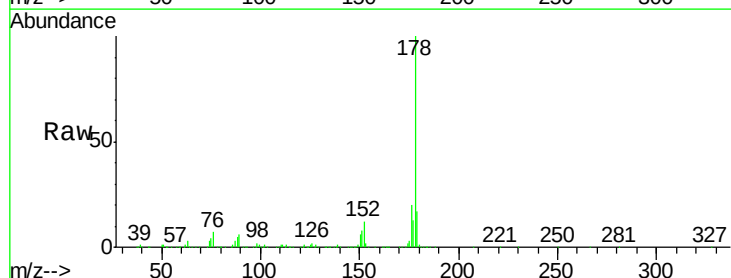


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

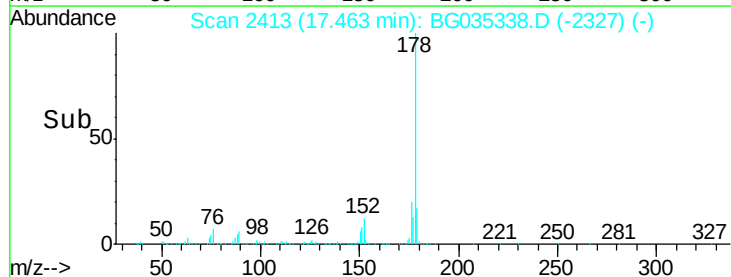
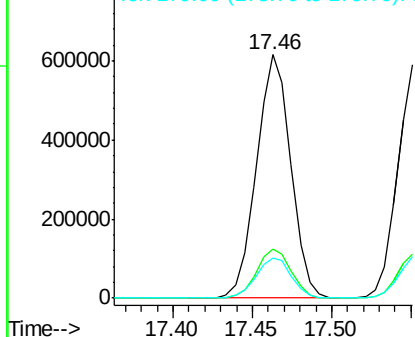


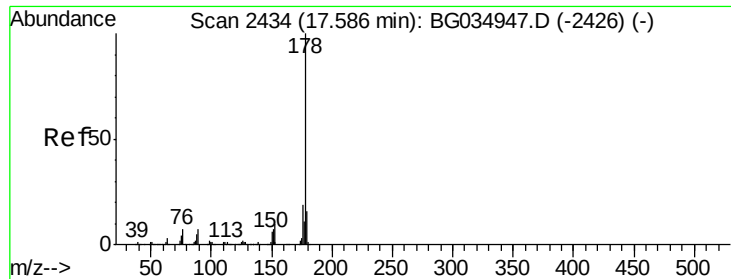
#70
 Phenanthrene
 Concen: 52.749 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.6	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

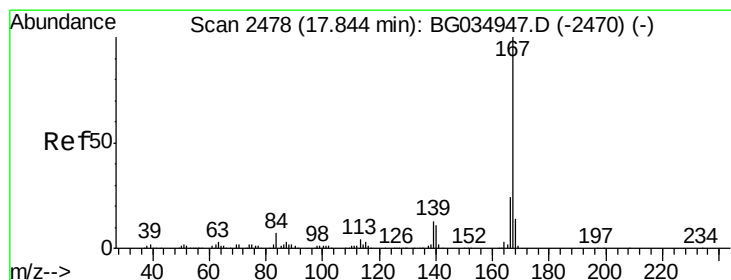
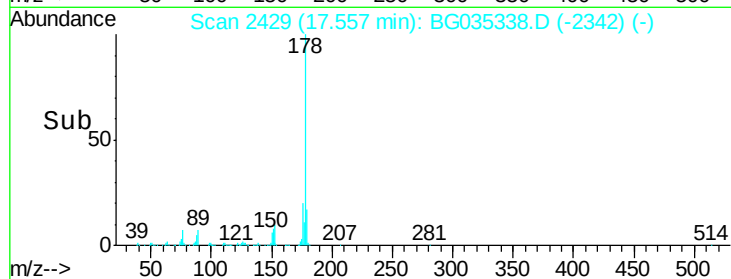
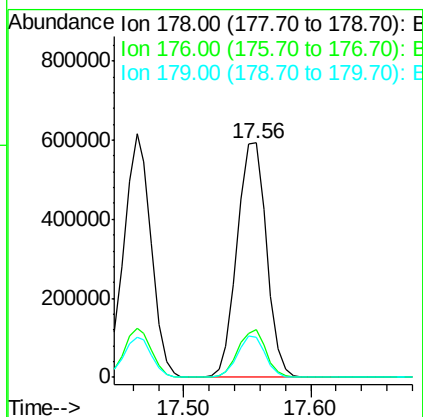
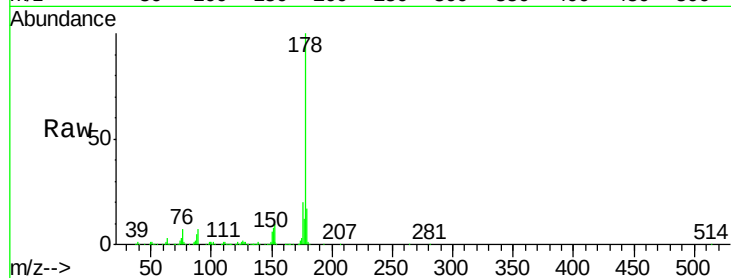




#71
 Anthracene
 Concen: 54.378 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

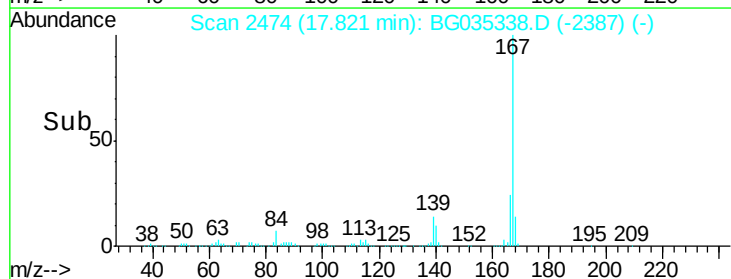
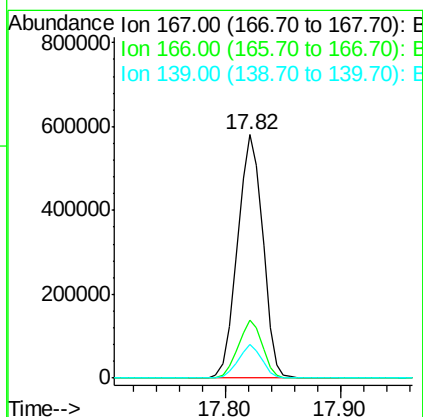
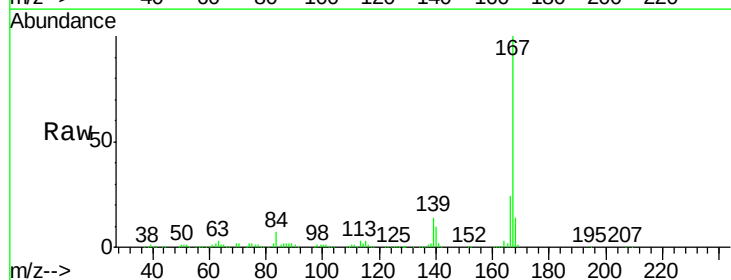
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

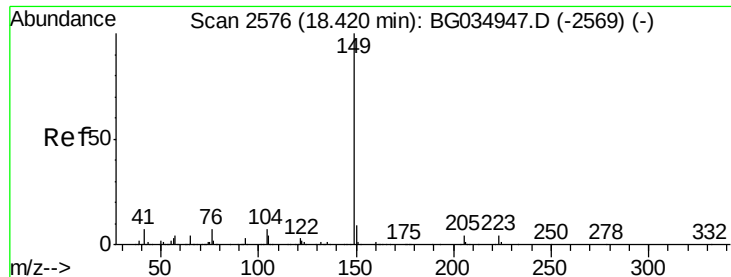
Tgt Ion:178 Resp: 951829
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.0 24.0
 179 17.2 12.5 18.7



#72
 Carbazole
 Concen: 54.316 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion:167 Resp: 882144
 Ion Ratio Lower Upper
 167 100
 166 24.0 18.2 27.4
 139 13.7 9.4 14.2

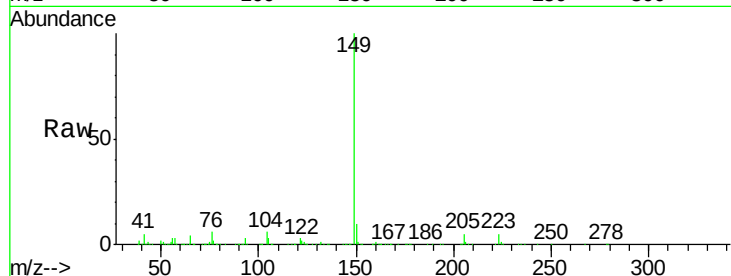




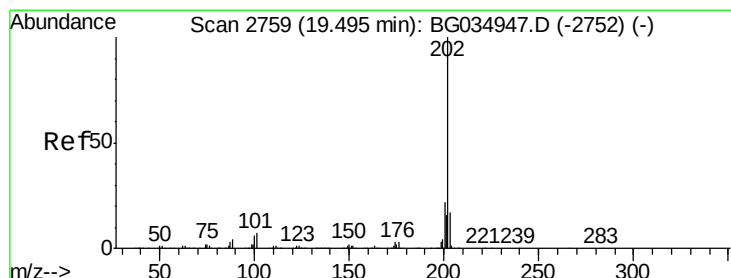
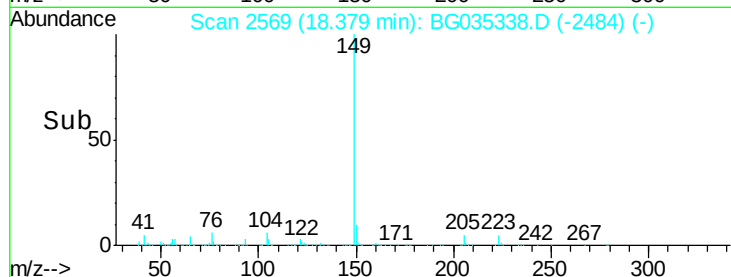
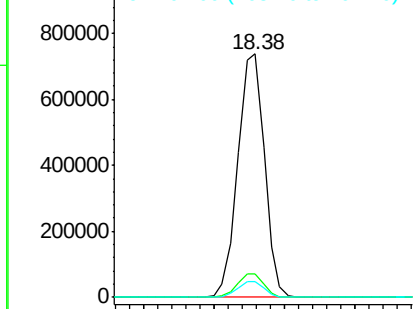
#73
Di-n-butylphthalate
Concen: 50.221 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.03 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

Tgt Ion:149 Resp: 972148
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 6.5 3.9 5.9#

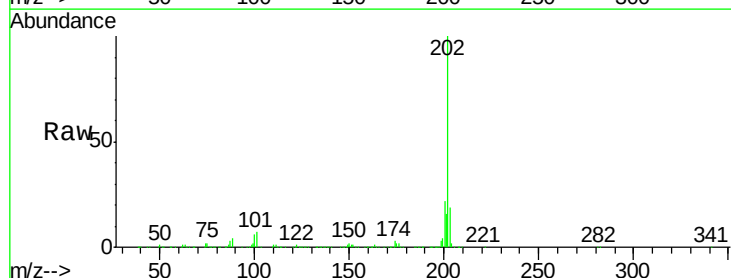


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

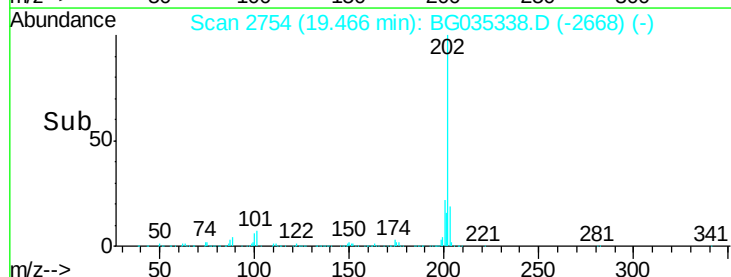
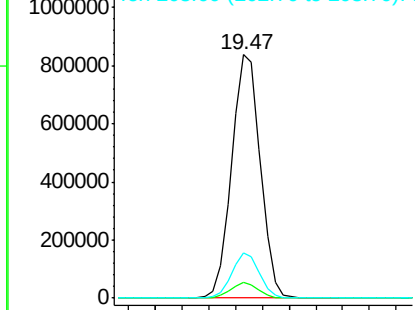


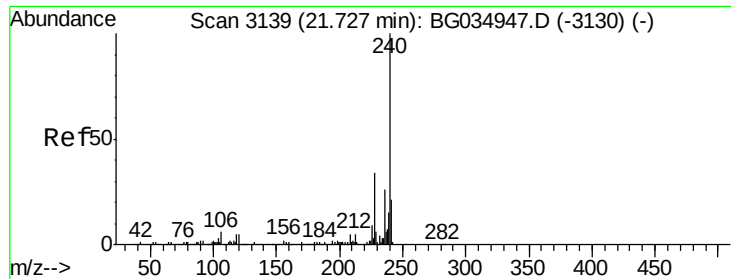
#74
Fluoranthene
Concen: 55.012 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:202 Resp: 1250910
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.9
203 18.5 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

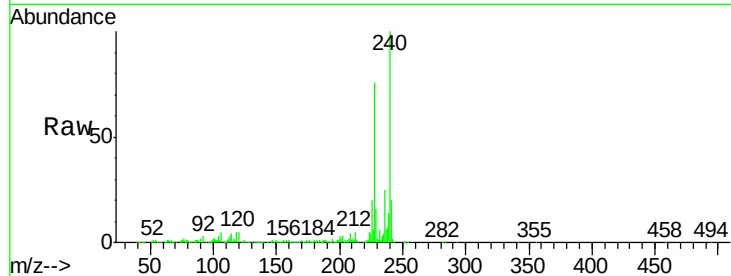
Tgt Ion:240 Resp: 369847

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

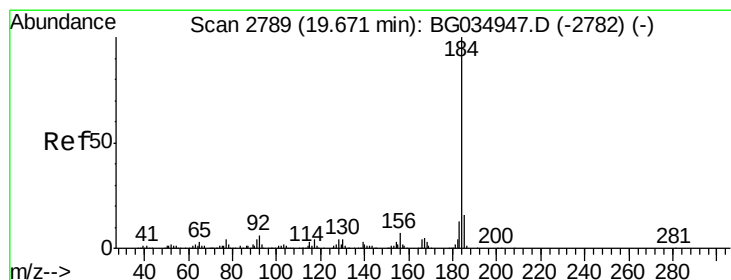
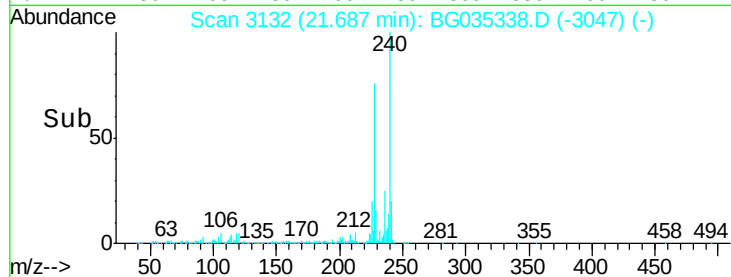
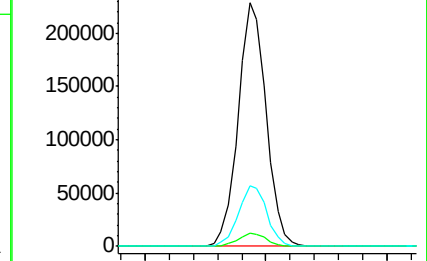
236 25.0 20.9 31.3



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: 2.396 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.36 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

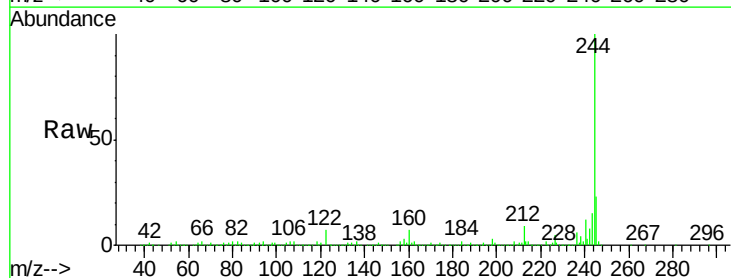
Tgt Ion:184 Resp: 32972

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

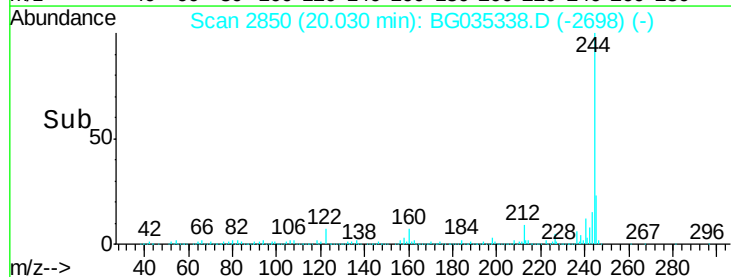
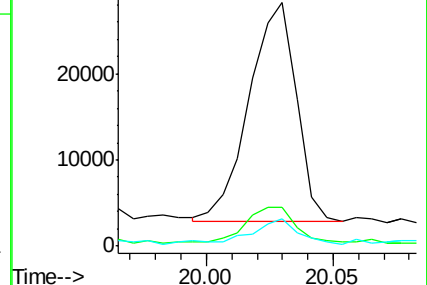
183 11.4 10.6 16.0

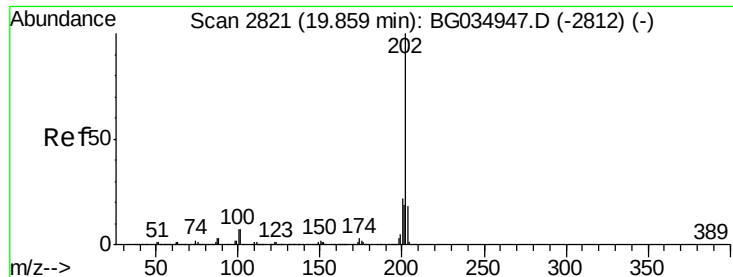


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 50.554 ng

RT: 19.83 min Scan# 2816

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

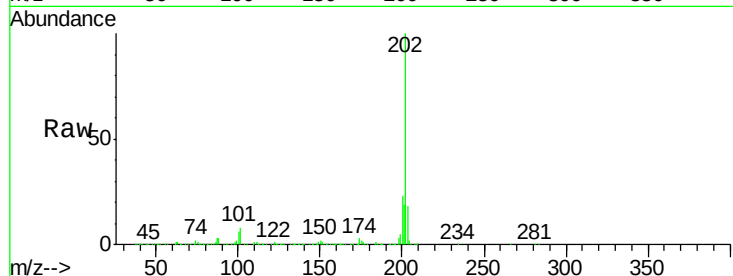
Tgt Ion:202 Resp: 1232596

Ion Ratio Lower Upper

202 100

200 22.9 16.9 25.3

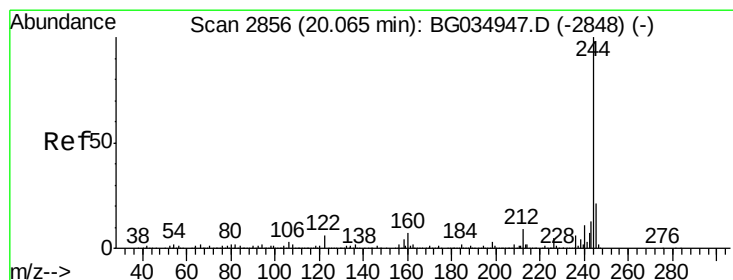
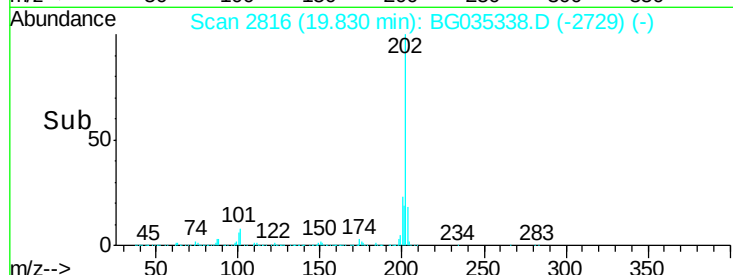
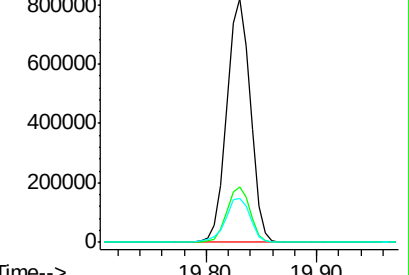
203 18.2 13.9 20.9



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: 104.745 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

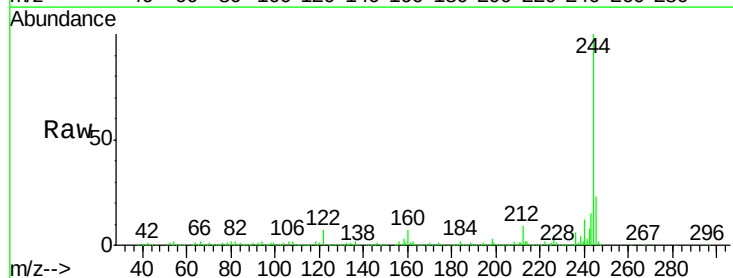
Tgt Ion:244 Resp: 1849434

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

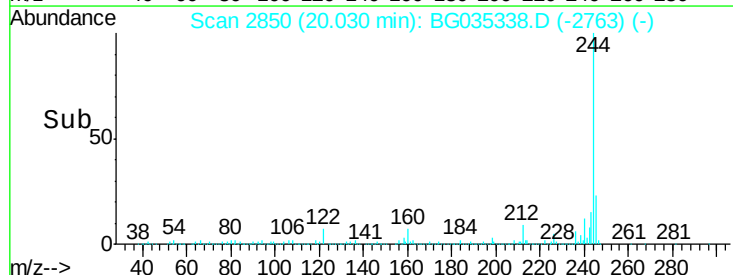
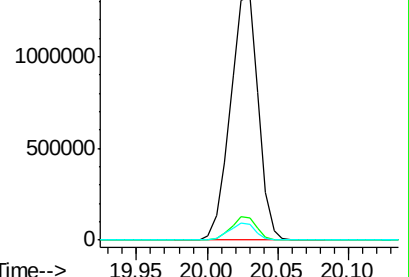
122 6.7 7.0 10.4#

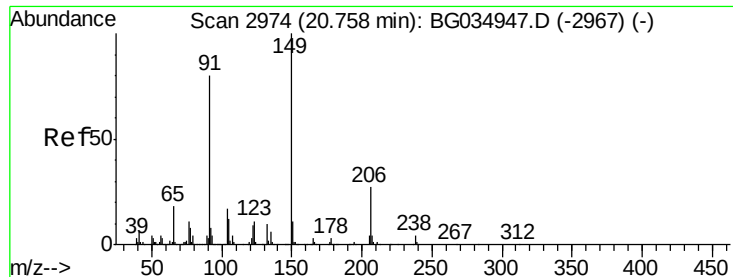


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

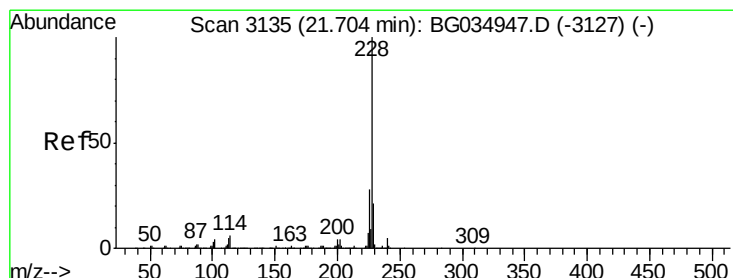
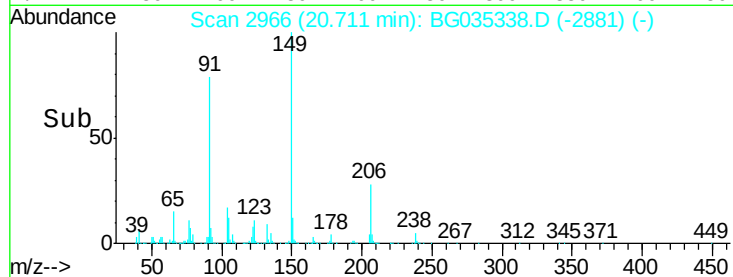
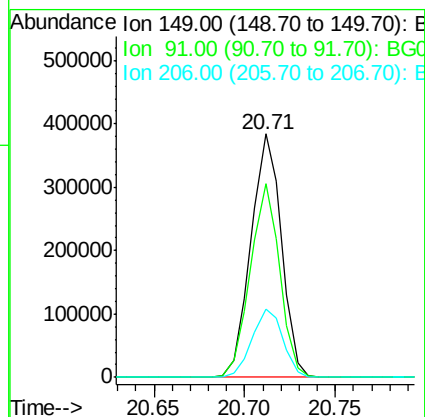
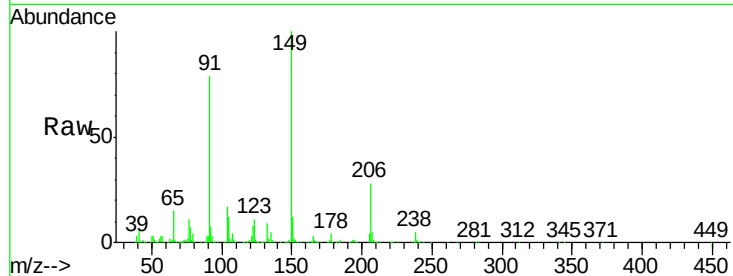




#79
Butylbenzylphthalate
Concen: 50.672 ng
RT: 20.71 min Scan# 2966
Delta R.T. -0.03 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

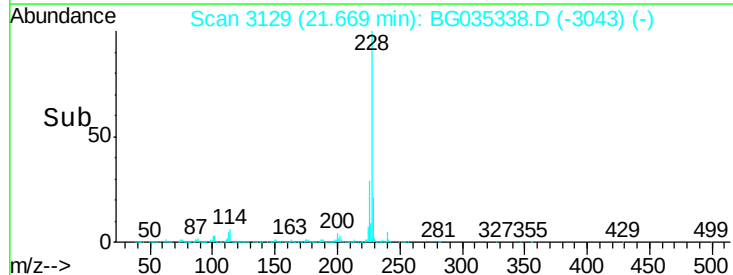
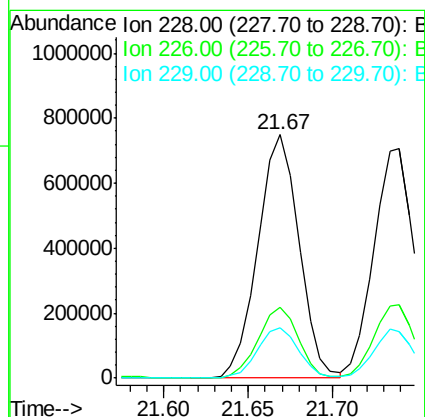
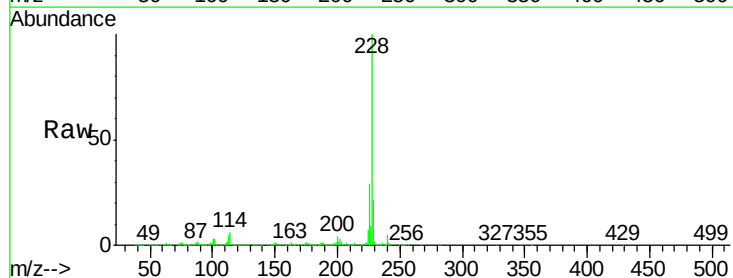
Instrument :
BNA_G
ClientSampleId :
OK-01-062018MSD

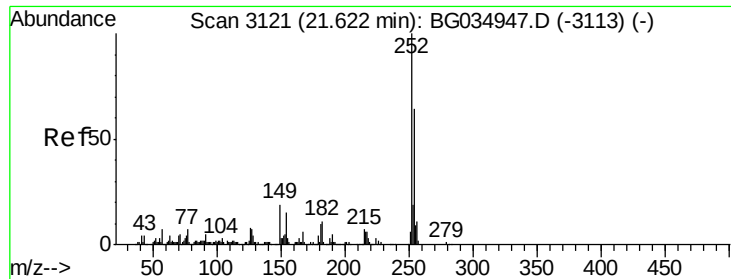
Tgt Ion:149 Resp: 448625
Ion Ratio Lower Upper
149 100
91 79.5 62.2 93.2
206 28.1 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 53.403 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035338.D
Acq: 22 Jun 2018 18:06

Tgt Ion:228 Resp: 1262149
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.9 16.2 24.2

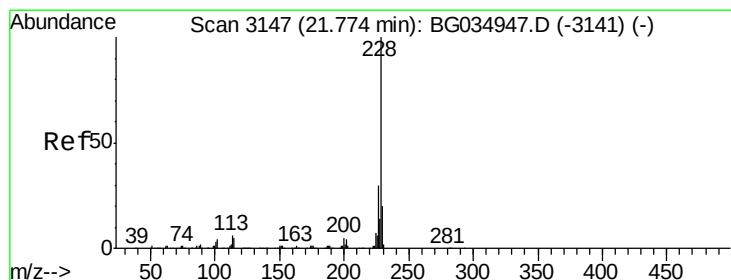
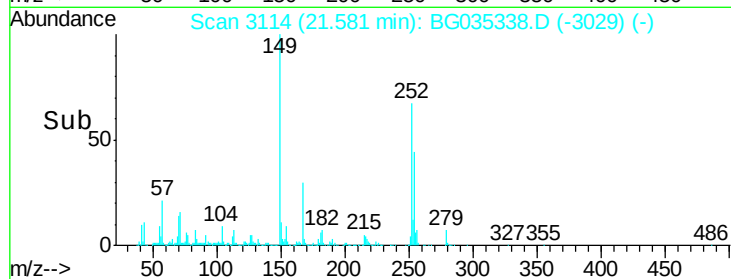
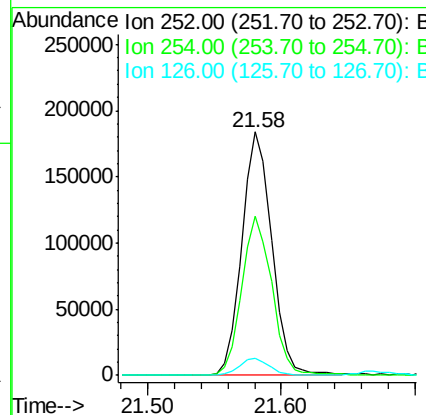
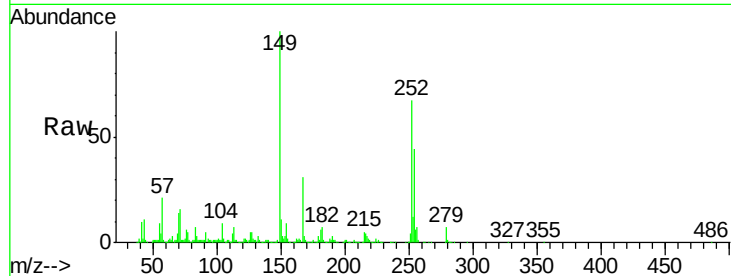




#81
 3,3'-Dichlorobenzidine
 Concen: 32.084 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

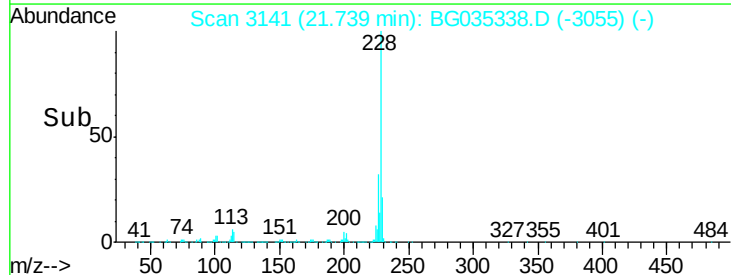
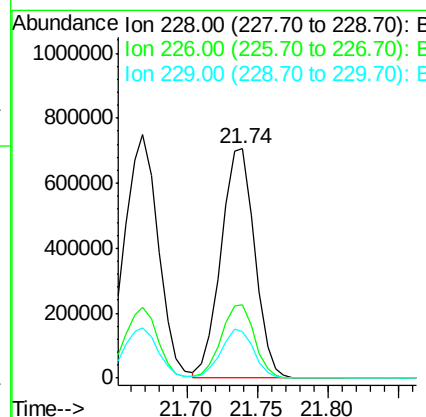
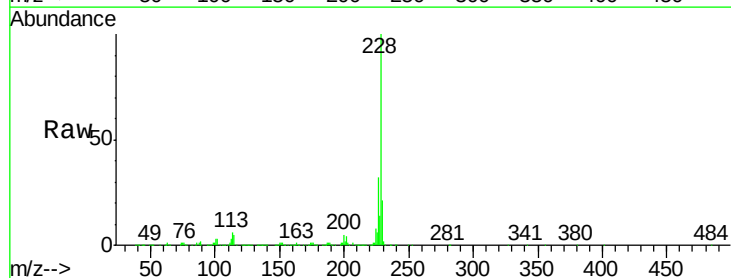
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

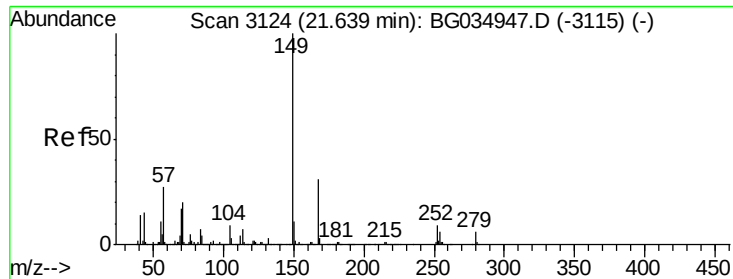
Tgt Ion:252 Resp: 285281
 Ion Ratio Lower Upper
 252 100
 254 65.2 50.8 76.2
 126 7.0 7.4 11.2#



#82
 Chrysene
 Concen: 54.113 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.02 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion:228 Resp: 1170967
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 20.5 15.0 22.4

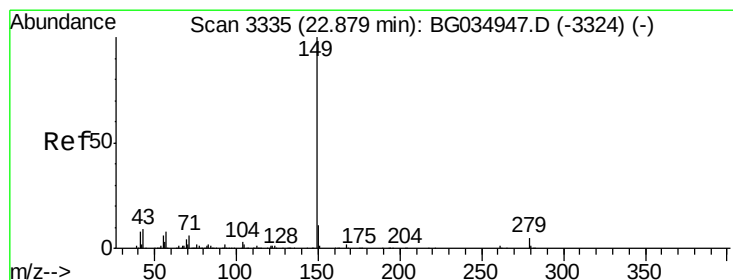
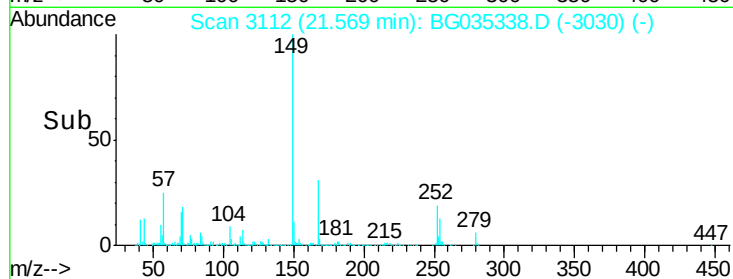
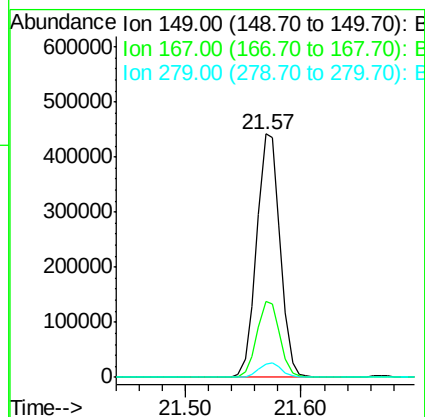
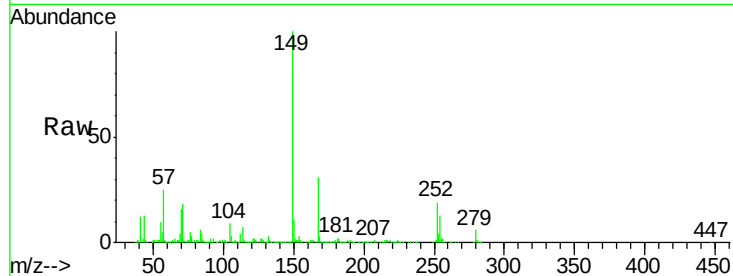




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.887 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

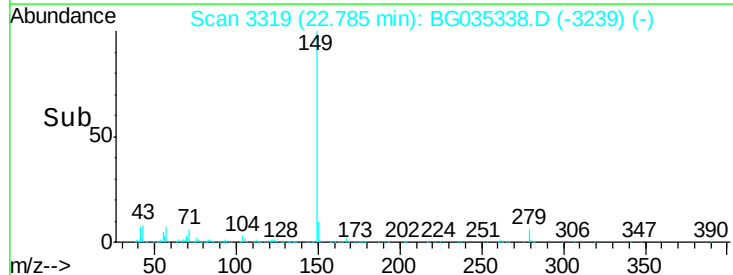
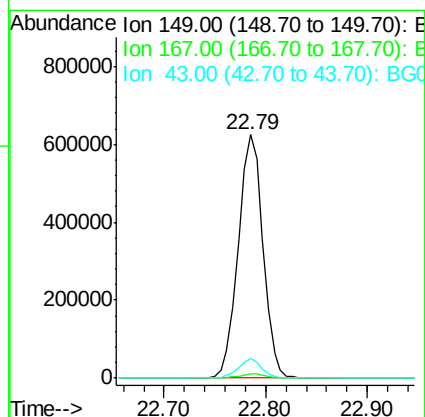
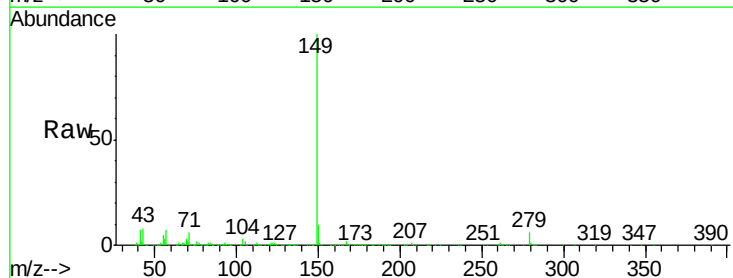
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

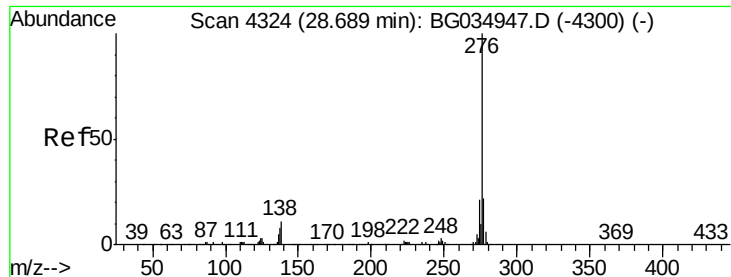
Tgt Ion:149 Resp: 624092
 Ion Ratio Lower Upper
 149 100
 167 31.4 24.3 36.5
 279 5.5 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 49.259 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.06 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Tgt Ion:149 Resp: 1057209
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 7.4 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 55.700 ng

RT: 28.58 min Scan# 4306

Delta R.T. -0.07 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

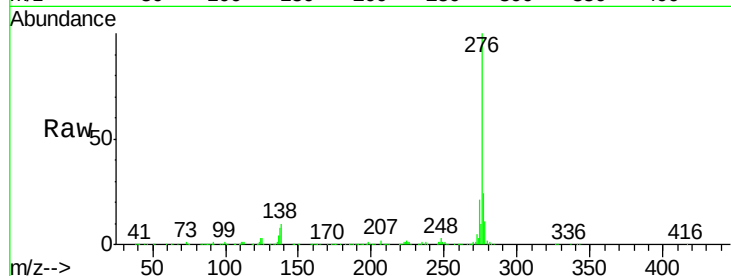
Tgt Ion:276 Resp: 1411627

Ion Ratio Lower Upper

276 100

138 7.4 16.0 24.0#

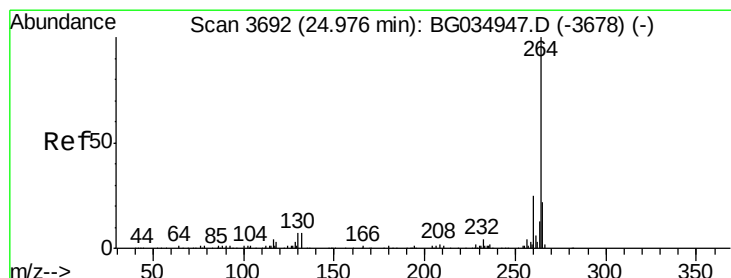
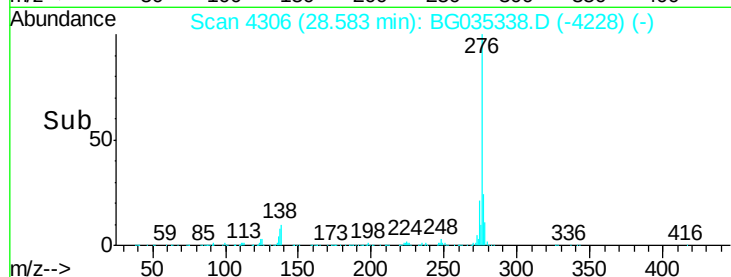
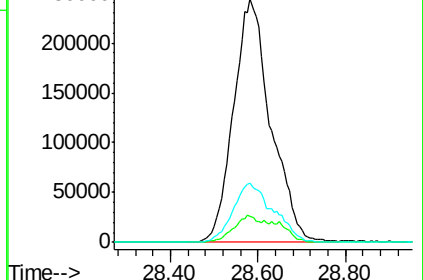
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.04 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

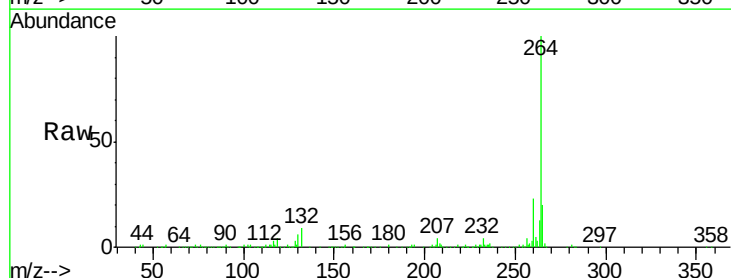
Tgt Ion:264 Resp: 364478

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

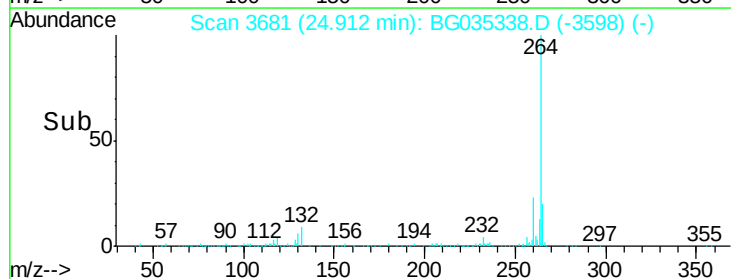
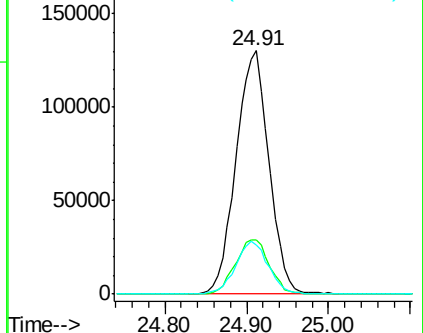
265 20.2 17.7 26.5

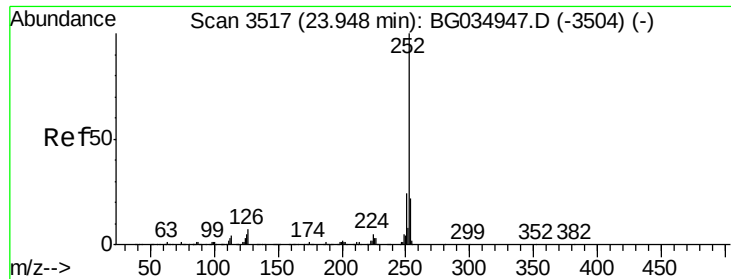


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.818 ng

RT: 23.89 min Scan# 3507

Delta R.T. -0.04 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

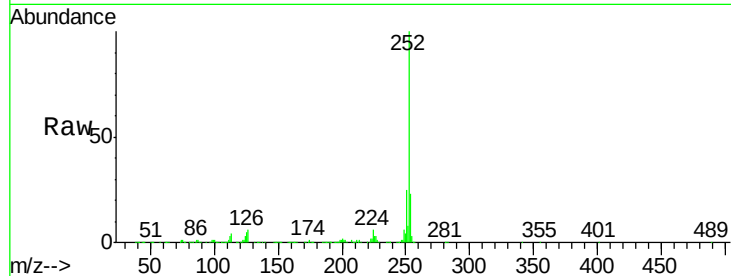
Tgt Ion:252 Resp: 1230409

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

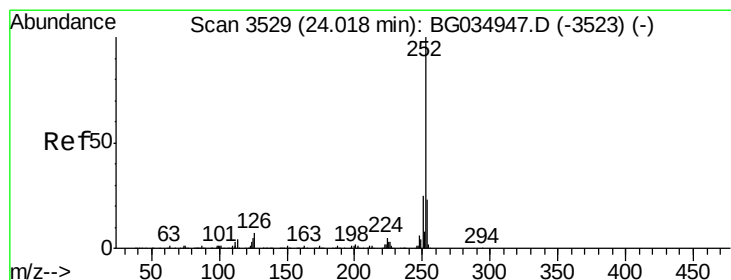
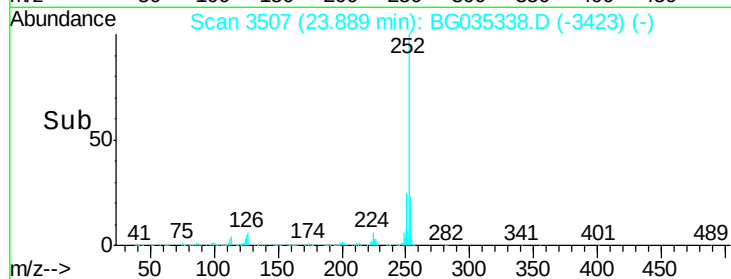
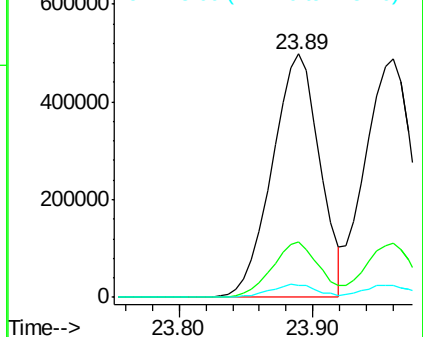
125 5.0 7.2 10.8#



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: 54.502 ng

RT: 23.96 min Scan# 3519

Delta R.T. -0.04 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

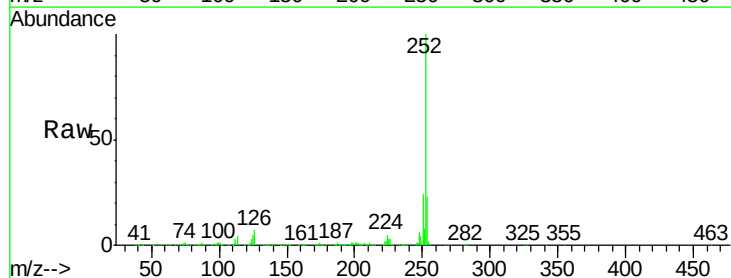
Tgt Ion:252 Resp: 1196669

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

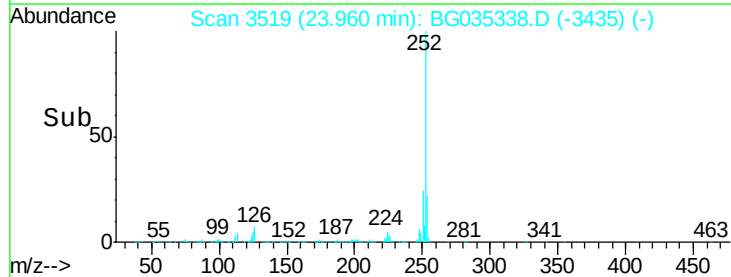
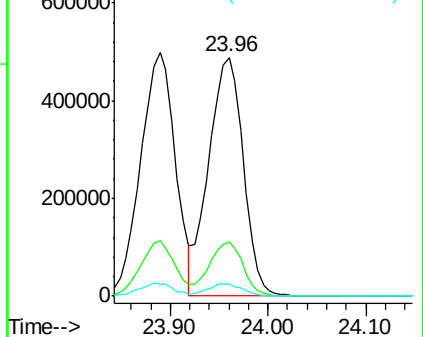
125 5.2 6.6 9.8#

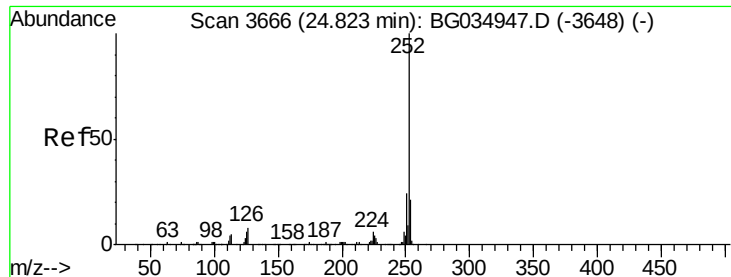


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 56.833 ng

RT: 24.76 min Scan# 3655

Delta R.T. -0.05 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

Instrument :

BNA_G

ClientSampleId :

OK-01-062018MSD

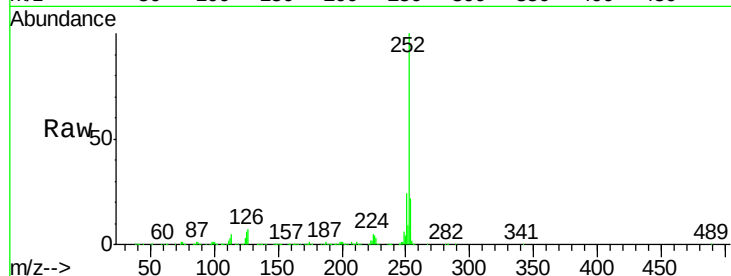
Tgt Ion:252 Resp: 1200349

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

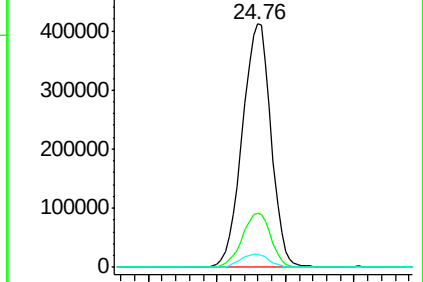
125 5.6 7.3 10.9#



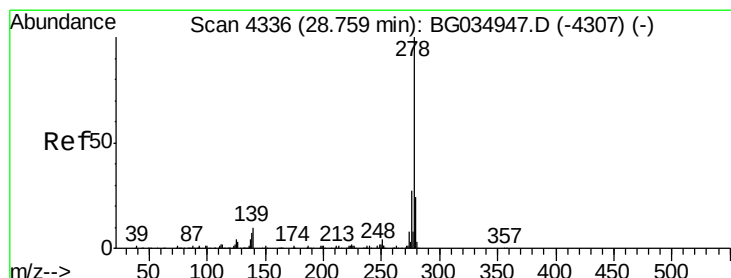
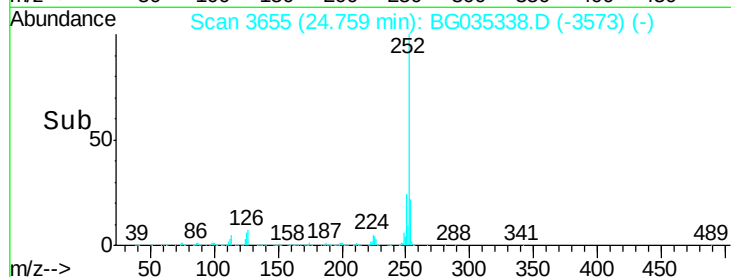
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 54.736 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.08 min

Lab File: BG035338.D

Acq: 22 Jun 2018 18:06

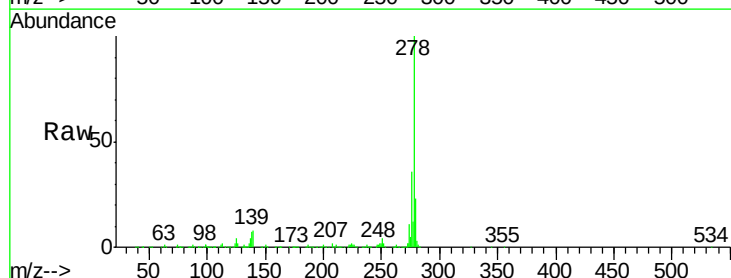
Tgt Ion:278 Resp: 1141222

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

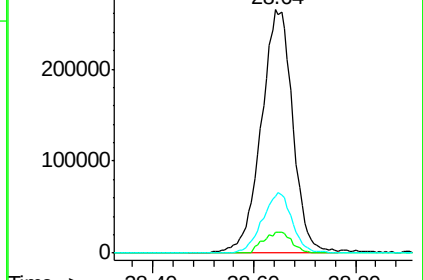
279 23.5 18.4 27.6



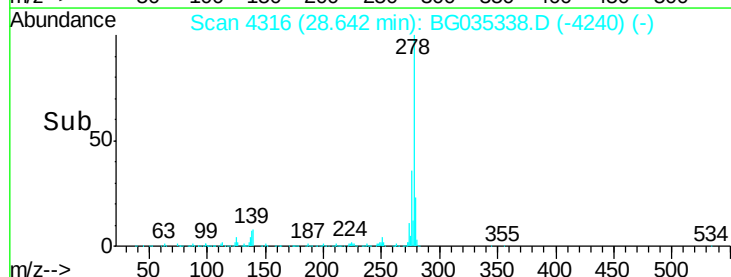
Abundance Ion 278.00 (277.70 to 278.70): E

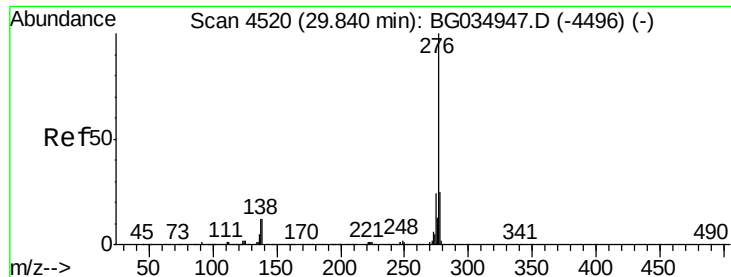
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91
 Benzo(g,h,i)perylene
 Concen: 57.251 ng
 RT: 29.73 min Scan# 4502
 Delta R.T. -0.07 min
 Lab File: BG035338.D
 Acq: 22 Jun 2018 18:06

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-062018MSD

Tgt Ion: 276 Resp: 1168169
 Ion Ratio Lower Upper
 276 100
 277 24.7 18.3 27.5
 138 11.0 13.9 20.9#

