

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040338.D
 Acq On : 3 Apr 2019 23:09
 Operator : JU/SJ
 Sample : K1695-08MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:26:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62464	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	243782	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	153727	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	381993	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	390790	20.00	ng	-0.03
87) Perylene-d12	24.98	264	411250	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	628421	167.25	ng	-0.01
7) Phenol-d6	7.21	99	884733	170.38	ng	-0.01
23) Nitrobenzene-d5	9.22	82	532168	116.03	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	345296	207.84	ng	-0.01
45) 2-Fluorobiphenyl	13.30	172	1134471	109.35	ng	-0.02
79) Terphenyl-d14	20.02	244	1763890	101.54	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.50	88	73805	41.773	ng	98
3) Pyridine	3.90	79	198213	41.668	ng	95
4) n-Nitrosodimethylamine	3.82	42	108518	49.316	ng	# 83
6) Aniline	7.38	93	171469	25.416	ng	98
8) 2-Chlorophenol	7.61	128	229152	52.098	ng	97
9) Benzaldehyde	7.19	77	154440	43.358	ng	94
10) Phenol	7.23	94	309911	54.984	ng	99
11) bis(2-Chloroethyl)ether	7.47	93	226438	50.159	ng	95
12) 1,3-Dichlorobenzene	7.93	146	236957	49.558	ng	94
13) 1,4-Dichlorobenzene	8.08	146	241219	50.653	ng	99
14) 1,2-Dichlorobenzene	8.40	146	229407	50.374	ng	98
15) Benzyl Alcohol	8.29	79	219961	52.597	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	422370	48.750	ng	98
17) 2-Methylphenol	8.48	107	215268	55.193	ng	96
18) Hexachloroethane	9.12	117	88452	48.830	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	185073	49.709	ng	99
20) 3+4-Methylphenols	8.82	107	294665	55.769	ng	99
22) Acetophenone	8.88	105	351610	57.820	ng	99
24) Nitrobenzene	9.27	77	264423	55.676	ng	99
25) Isophorone	9.78	82	533609	56.545	ng	97
26) 2-Nitrophenol	9.98	139	130339	57.917	ng	100
27) 2,4-Dimethylphenol	10.02	122	244008	68.261	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	318199	56.993	ng	99
29) 2,4-Dichlorophenol	10.51	162	247621	63.819	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	247546	58.104	ng	99
31) Naphthalene	10.91	128	712430	57.014	ng	99
32) Benzoic acid	10.15	122	74457	34.474	ng	93
33) 4-Chloroaniline	11.03	127	76659	14.382	ng	96
34) Hexachlorobutadiene	11.18	225	148630	54.548	ng	97
35) Caprolactam	11.83	113	55273	35.897	ng	99
36) 4-Chloro-3-methylphenol	12.14	107	284359	63.749	ng	96
37) 2-Methylnaphthalene	12.51	142	539861	58.417	ng	98
38) 1-Methylnaphthalene	12.73	142	520954	58.132	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	281137	57.539	ng	99

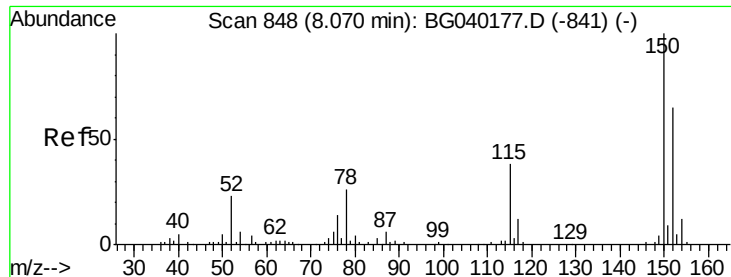
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040338.D
 Acq On : 3 Apr 2019 23:09
 Operator : JU/SJ
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Quant Time: Apr 04 01:26:01 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	326418	121.673	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	208032	66.039	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	230048	66.999	ng	99
46) 1,1'-Biphenyl	13.51	154	697267	57.405	ng	100
47) 2-Chloronaphthalene	13.56	162	538874	57.837	ng	98
48) 2-Nitroaniline	13.77	65	196213	62.434	ng	95
49) Acenaphthylene	14.41	152	905462	57.319	ng	98
50) Dimethylphthalate	14.13	163	803552	66.789	ng	99
51) 2,6-Dinitrotoluene	14.27	165	165705	61.339	ng	99
52) Acenaphthene	14.75	154	522592	57.733	ng	99
53) 3-Nitroaniline	14.59	138	62729	21.937	ng	96
54) 2,4-Dinitrophenol	14.81	184	205301	142.898	ng	97
55) Dibenzofuran	15.08	168	863822	59.389	ng	99
56) 4-Nitrophenol	14.91	139	309268	134.003	ng	97
57) 2,4-Dinitrotoluene	15.05	165	239292	63.748	ng	100
58) Fluorene	15.73	166	673212	58.870	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	217906	69.936	ng	99
60) Diethylphthalate	15.49	149	757796	61.552	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	365041	59.719	ng	96
62) 4-Nitroaniline	15.76	138	189069	61.610	ng	99
63) Azobenzene	16.00	77	689023	59.332	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	142465	66.383	ng	95
66) n-Nitrosodiphenylamine	15.93	169	654069	58.513	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	241710	56.228	ng	94
68) Hexachlorobenzene	16.72	284	251797	58.257	ng	97
69) Atrazine	16.87	200	247459	59.511	ng	98
70) Pentachlorophenol	17.07	266	318744	127.557	ng	96
71) Phenanthrene	17.47	178	1146878	57.120	ng	98
72) Anthracene	17.56	178	1182104	58.821	ng	99
73) Carbazole	17.83	167	1137367	59.801	ng	98
74) Di-n-butylphthalate	18.37	149	1321182	58.603	ng	99
75) Fluoranthene	19.47	202	1423936	59.892	ng	98
77) Benzidine	19.66	184	545489	38.655	ng	99
78) Pyrene	19.84	202	1427809	55.559	ng	97
80) Butylbenzylphthalate	20.71	149	659245	59.948	ng	98
81) Benzo(a)anthracene	21.68	228	1336396	55.520	ng	96
82) 3,3'-Dichlorobenzidine	21.59	252	248766	27.168	ng	96
83) Chrysene	21.75	228	1316395	56.905	ng	98
84) Bis(2-ethylhexyl)phthalate	21.55	149	930030	59.163	ng	99
85) Di-n-octyl phthalate	22.77	149	1579553	58.977	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1699182	60.056	ng	100
88) Benzo(b)fluoranthene	23.93	252	1459563	57.969	ng	97
89) Benzo(k)fluoranthene	24.00	252	1385988	59.859	ng	99
90) Benzo(a)pyrene	24.83	252	1427472	60.425	ng	99
91) Dibenzo(a,h)anthracene	28.81	278	1377002	62.760	ng	97
92) Benzo(g,h,i)perylene	29.94	276	1420266	62.987	ng	98

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

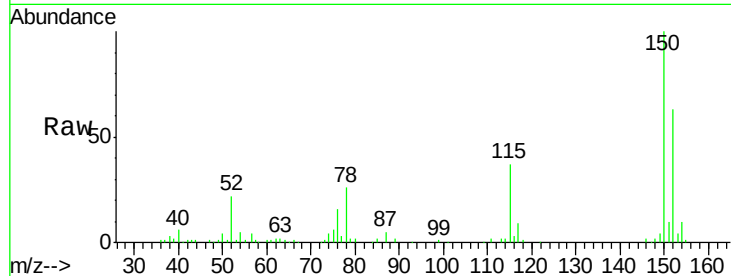


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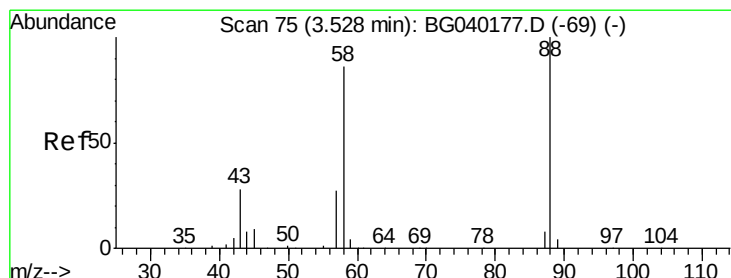
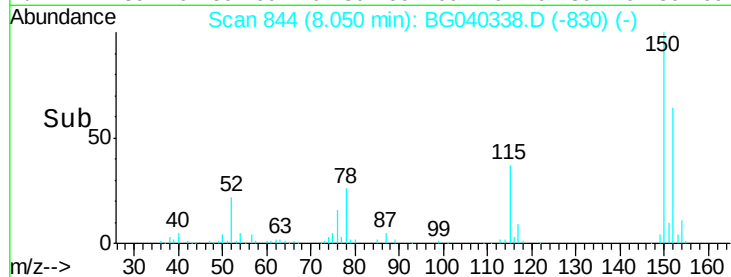
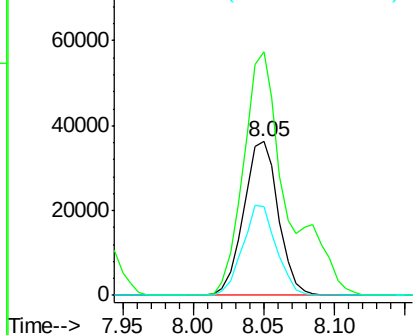
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62464
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 57.9 46.9 70.3



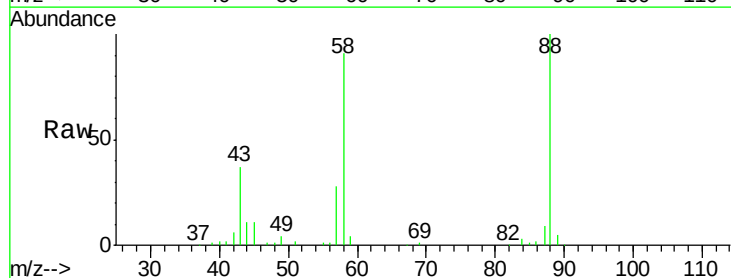
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



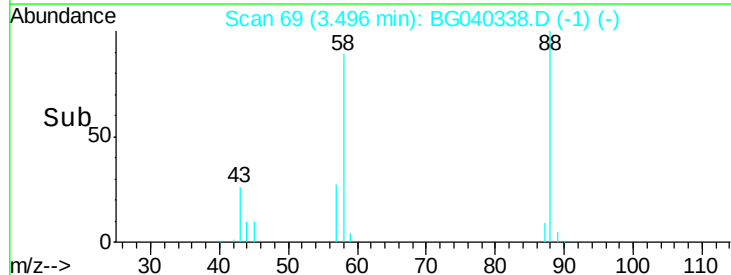
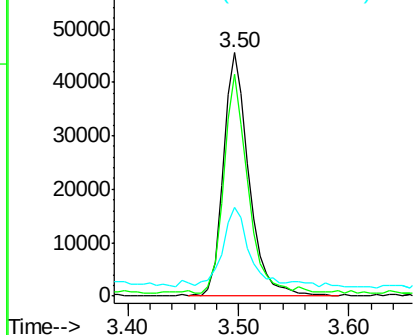
#2

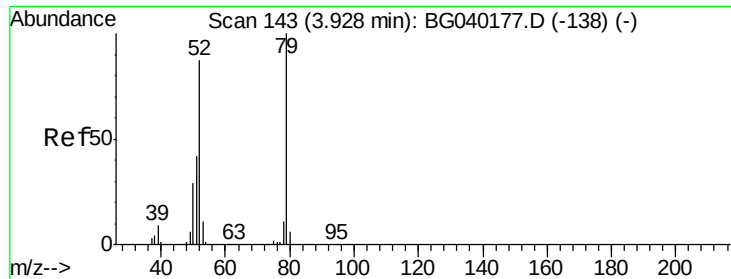
1,4-Dioxane
Concen: 41.773 ng
RT: 3.50 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion: 88 Resp: 73805
Ion Ratio Lower Upper
88 100
58 86.5 70.6 106.0
43 31.9 24.8 37.2



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





#3

Pvridine

Concen: 41.668 ng

RT: 3.90 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

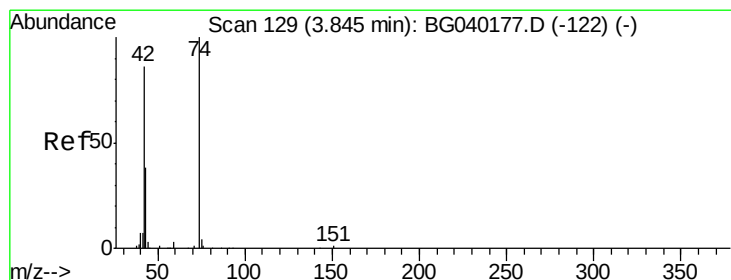
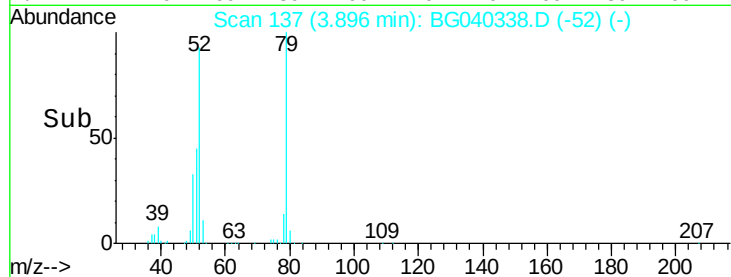
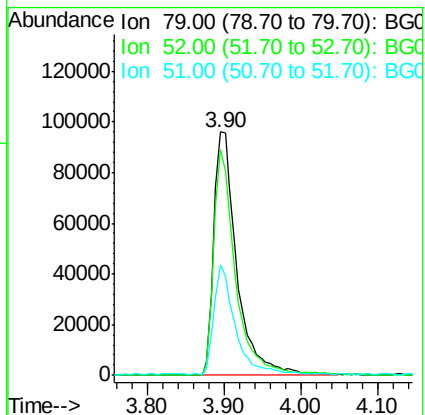
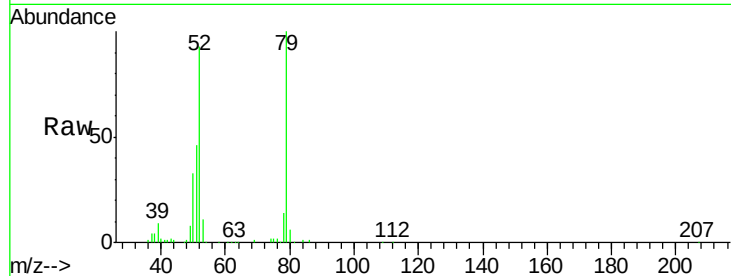
Tot Ion: 79 Resp: 198213

Ion Ratio Lower Upper

79 100

52 92.6 69.8 104.8

51 45.5 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 49.316 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

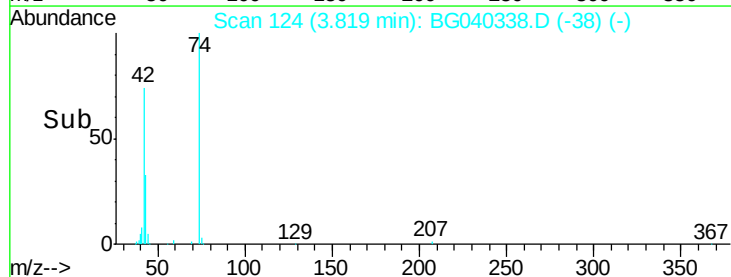
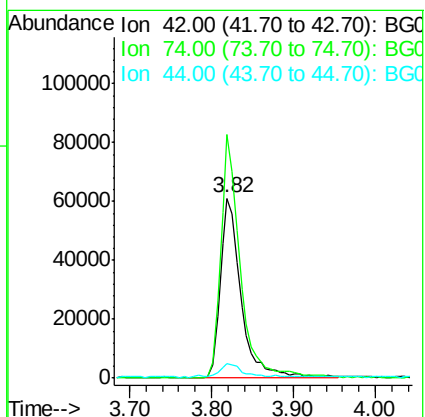
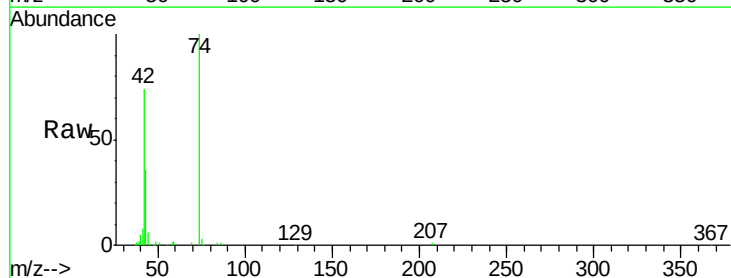
Tgt Ion: 42 Resp: 108518

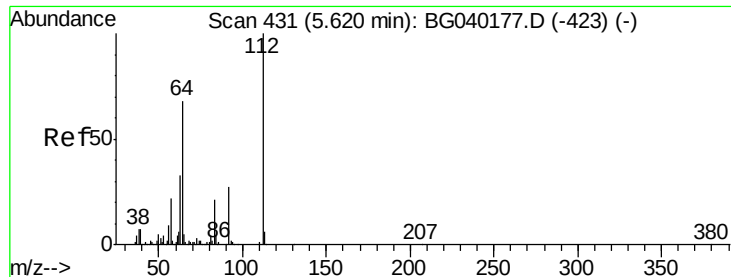
Ion Ratio Lower Upper

42 100

74 135.1 92.9 139.3

44 7.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 167.247 ng

RT: 5.61 min Scan# 428

Delta R.T. -0.01 min

Lab File: BG040338.D

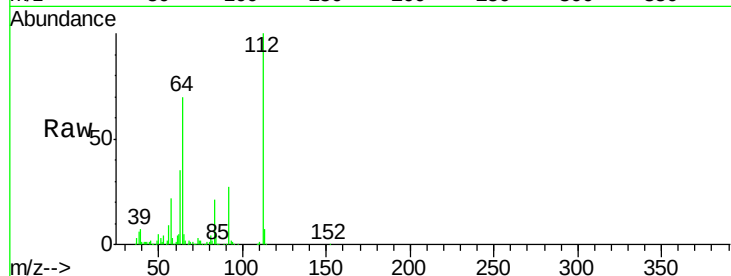
Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampled :

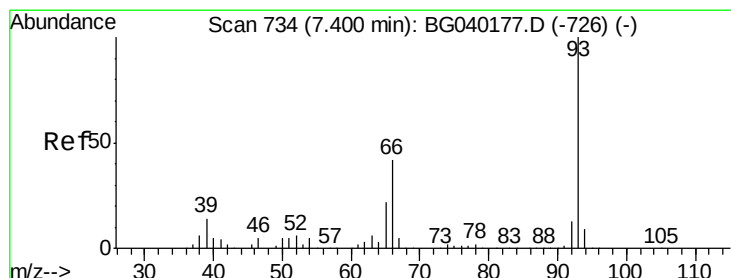
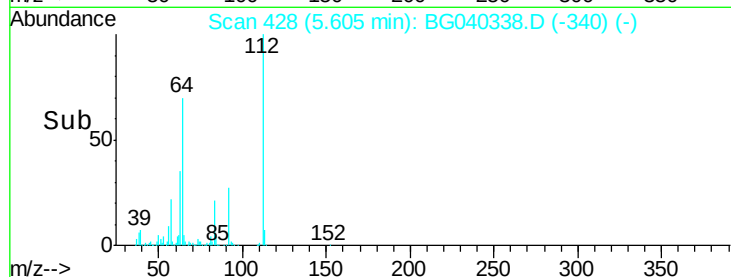
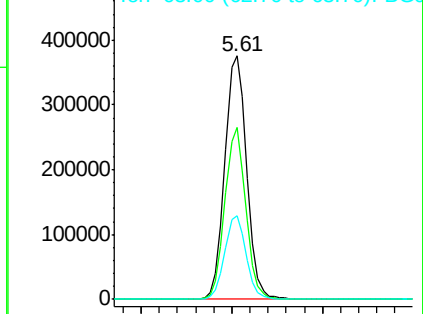
Tot Ion:	112	Resp:	628421
Ion	Ratio	Lower	Upper
112	100		
64	70.5	54.2	81.2
63	34.6	26.4	39.6



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: 25.416 ng

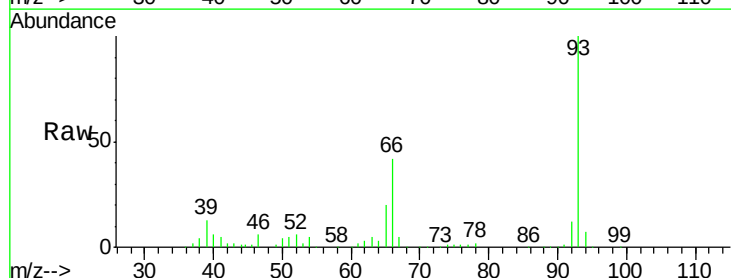
RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

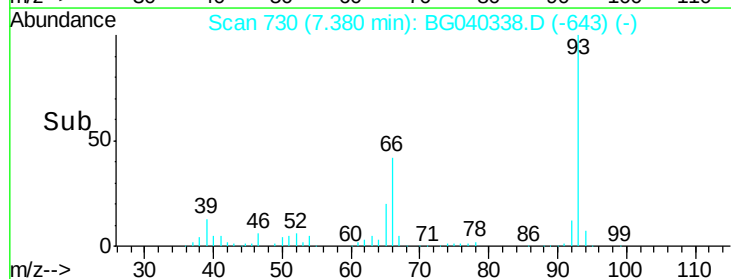
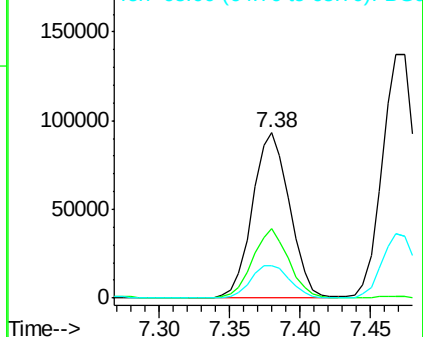
Tgt Ion:	93	Resp:	171469
Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.6	50.4
65	19.7	17.4	26.2

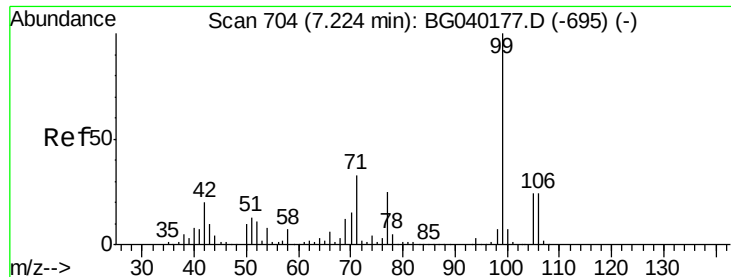


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 170.376 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

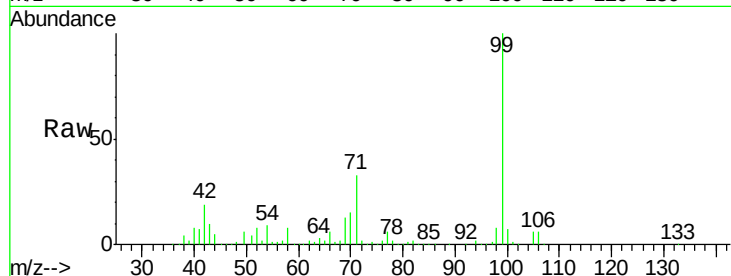
Tot Ion: 99 Resp: 884733

Ion Ratio Lower Upper

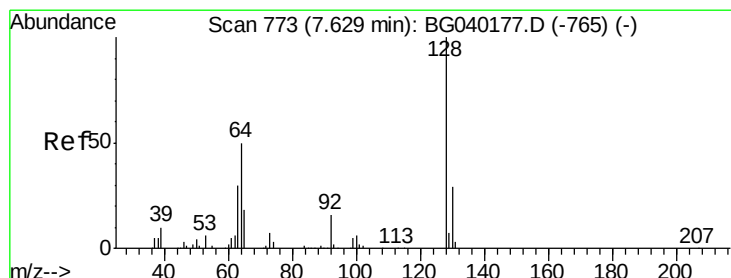
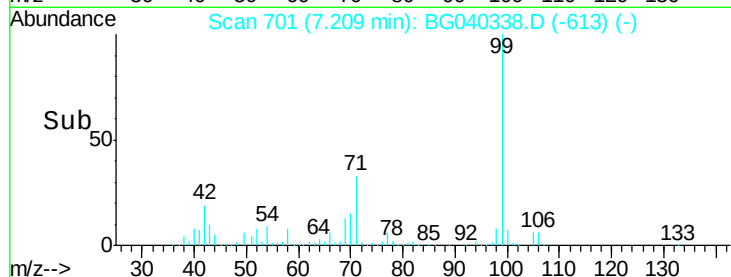
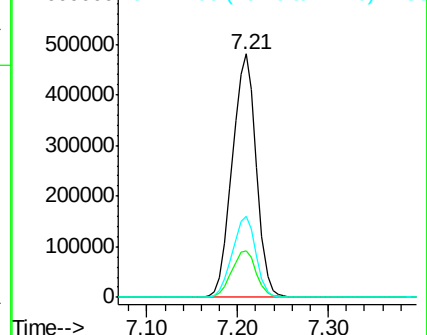
99 100

42 18.9 16.2 24.2

71 33.5 26.8 40.2



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: 52.098 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

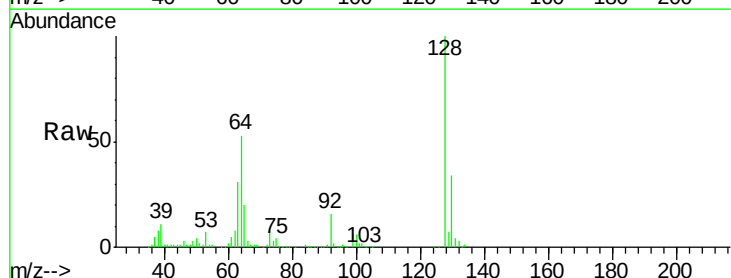
Tgt Ion: 128 Resp: 229152

Ion Ratio Lower Upper

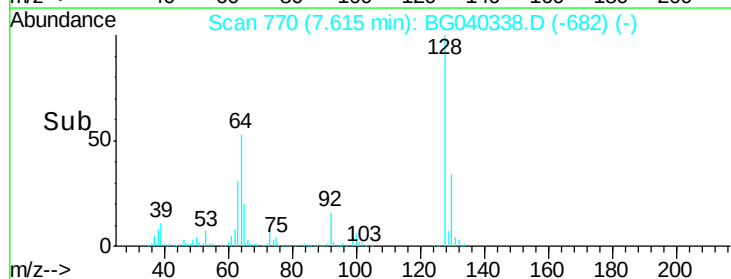
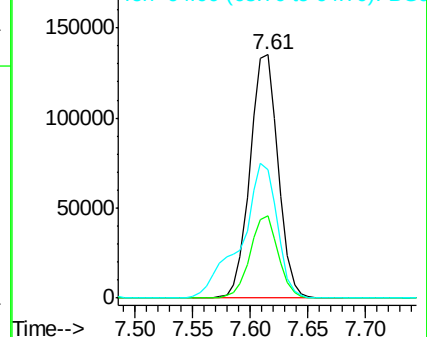
128 100

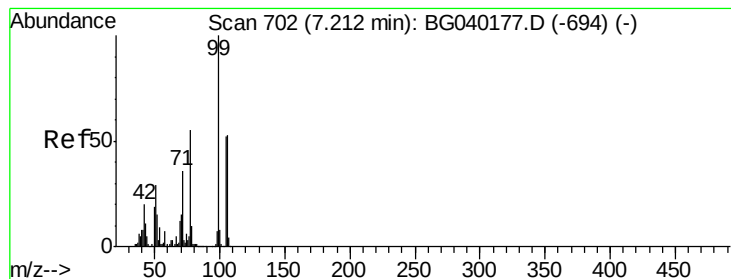
130 33.8 9.1 49.1

64 52.8 33.1 73.1



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: 43.358 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampled :

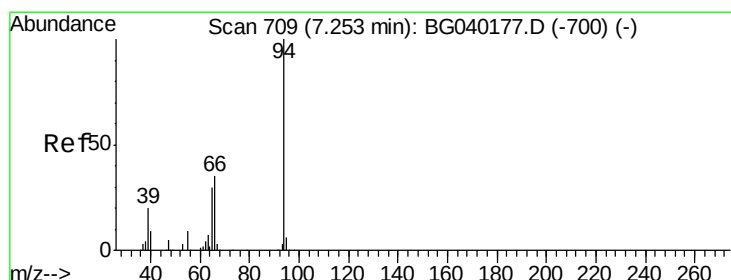
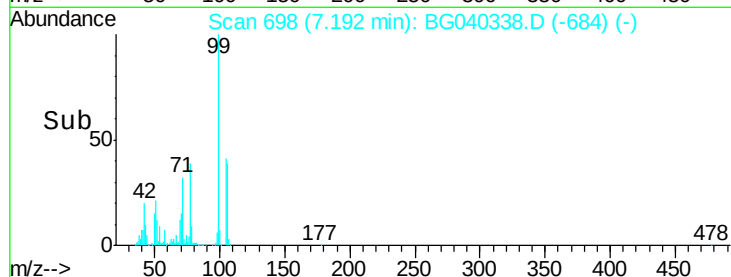
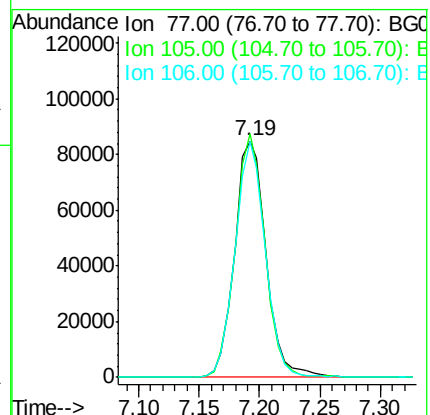
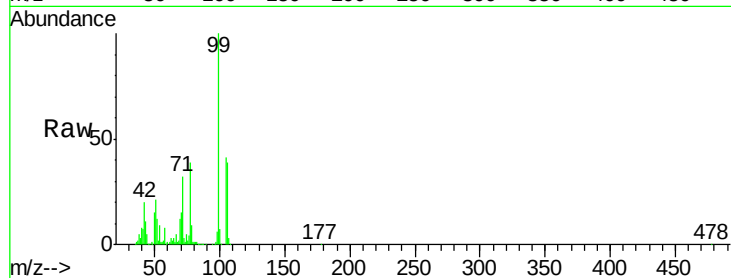
Tot Ion: 77 Resp: 154440

Ion Ratio Lower Upper

77 100

105 103.0 75.0 115.0

106 99.8 75.7 115.7



#10

Phenol

Concen: 54.984 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

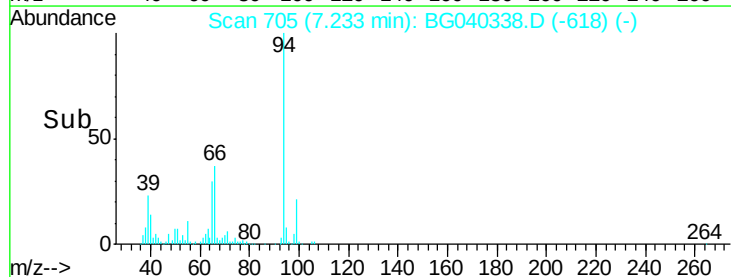
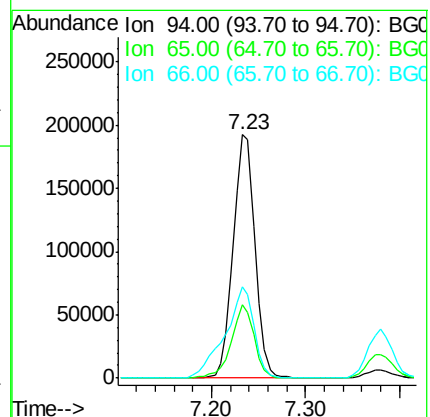
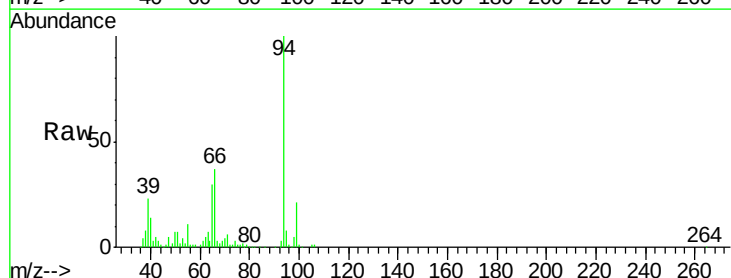
Tgt Ion: 94 Resp: 309911

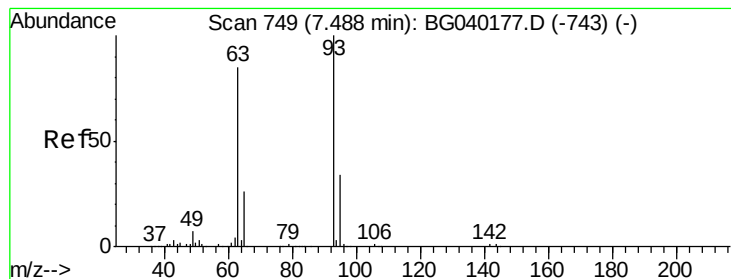
Ion Ratio Lower Upper

94 100

65 30.0 10.5 50.5

66 37.5 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 50.159 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

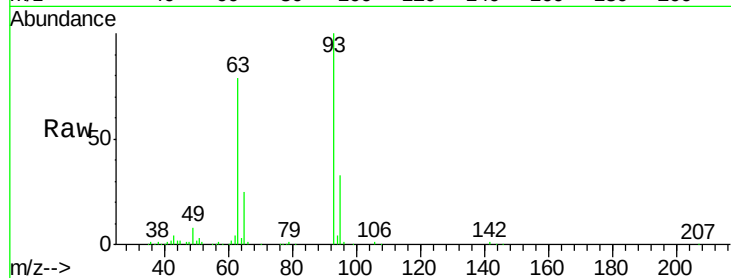
Tot Ion: 93 Resp: 226438

Ion Ratio Lower Upper

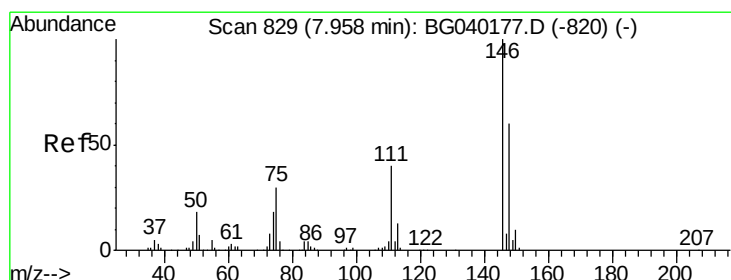
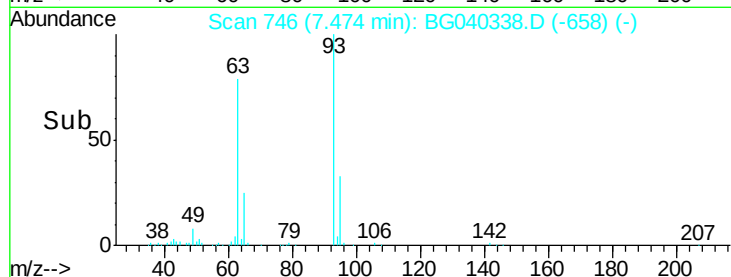
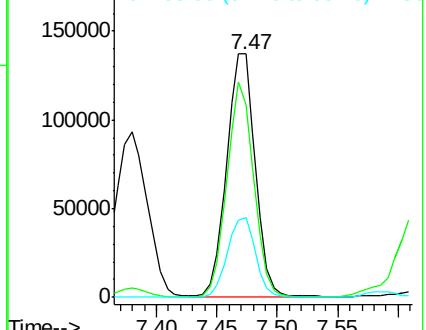
93 100

63 78.9 64.2 104.2

95 32.6 14.0 54.0



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: 49.558 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

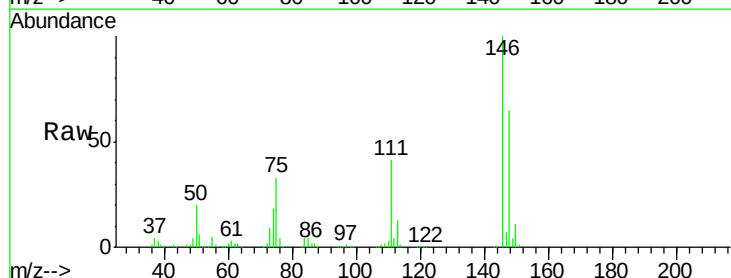
Tgt Ion: 146 Resp: 236957

Ion Ratio Lower Upper

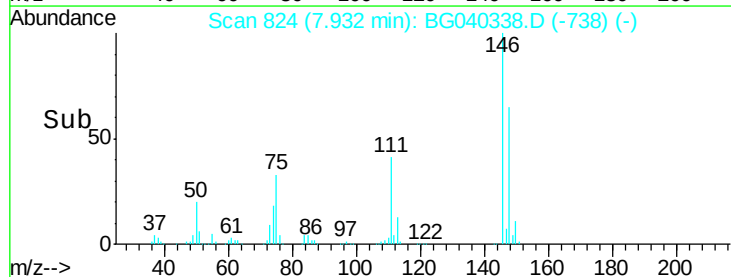
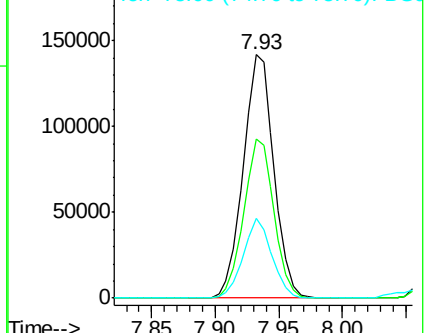
146 100

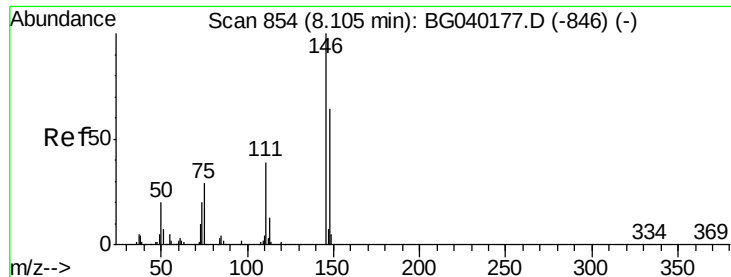
148 65.2 48.2 72.2

75 32.6 24.1 36.1



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

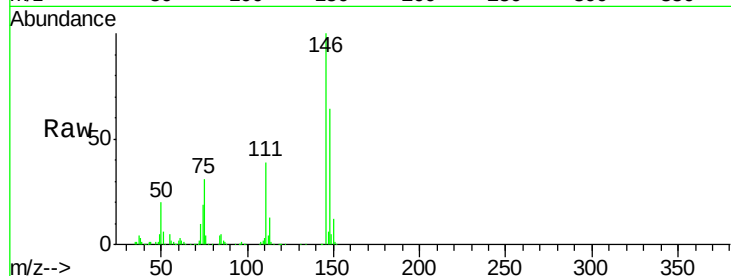




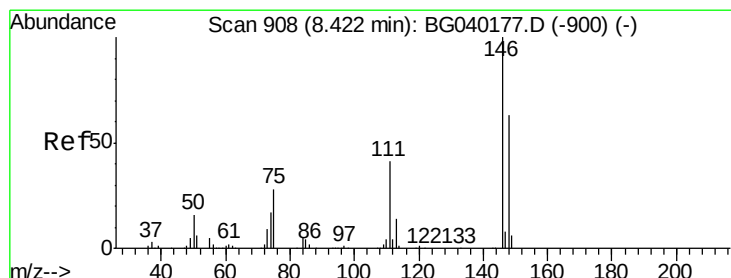
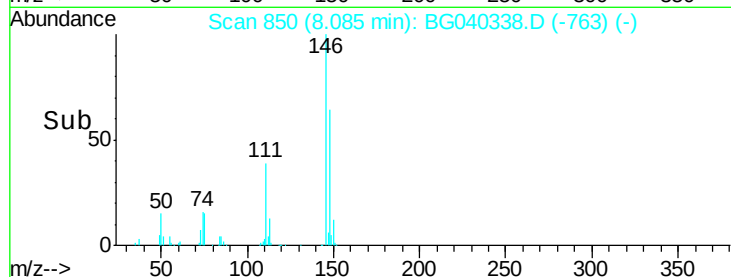
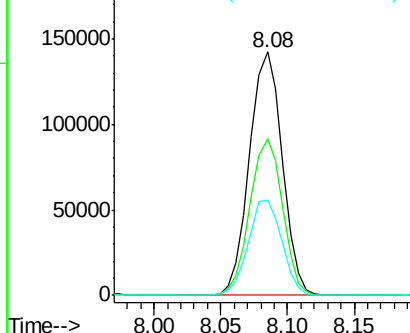
#13
 1,4-Dichlorobenzene
 Concen: 50.653 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 241219
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.0 76.4
 111 39.1 31.8 47.6

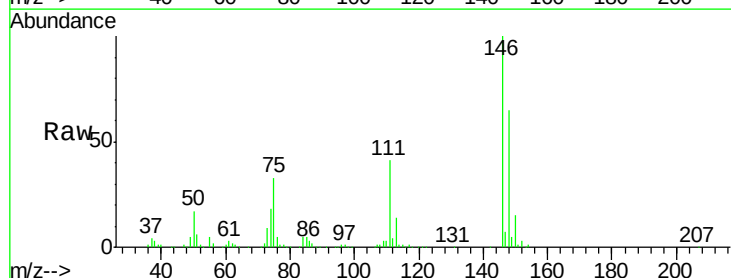


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

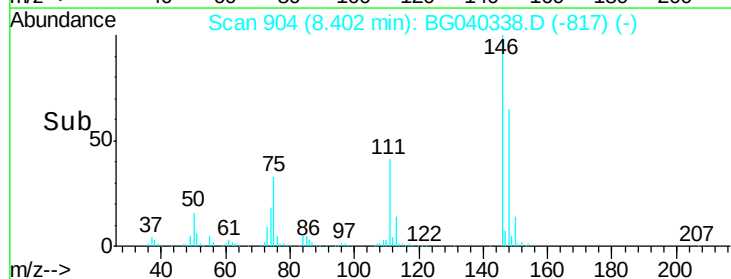
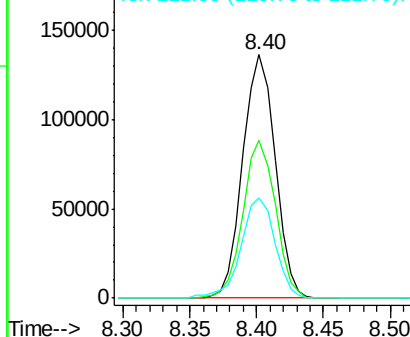


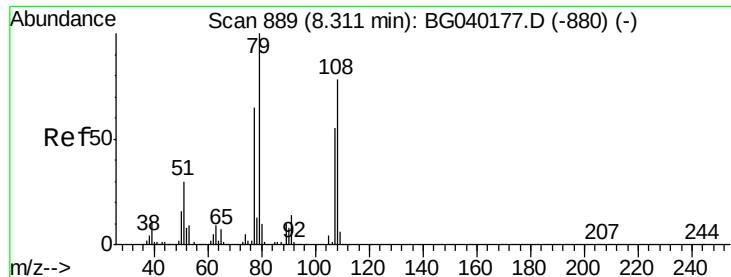
#14
 1,2-Dichlorobenzene
 Concen: 50.374 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:146 Resp: 229407
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.8 76.2
 111 41.2 33.4 50.0



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: 52.597 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

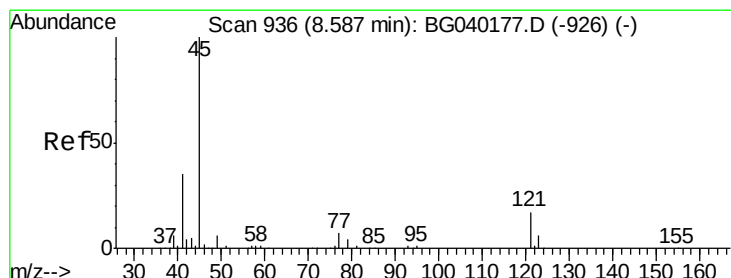
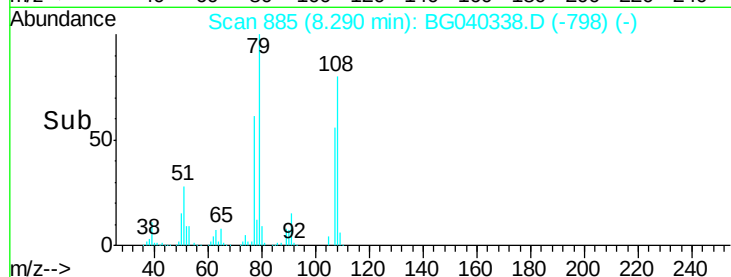
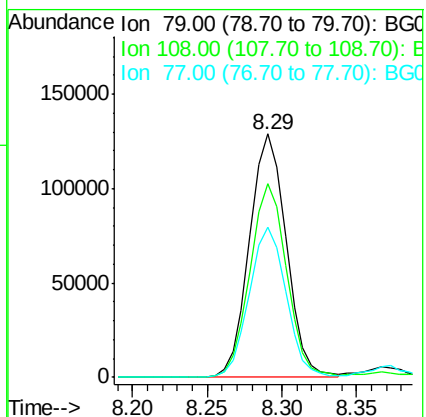
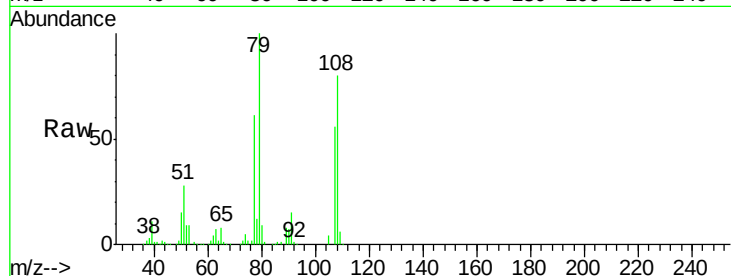
Tot Ion: 79 Resp: 219961

Ion Ratio Lower Upper

79 100

108 79.6 62.1 93.1

77 61.5 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.750 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

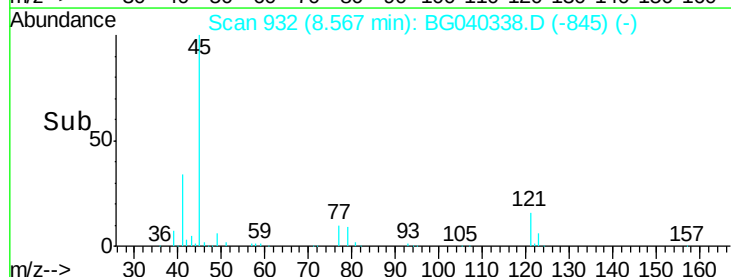
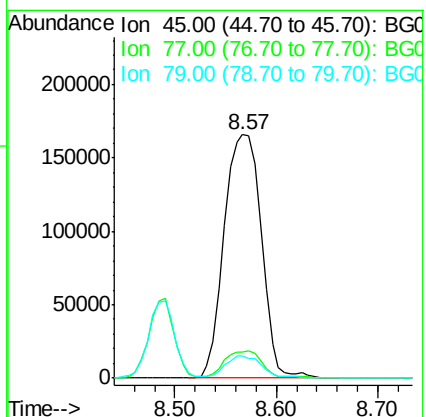
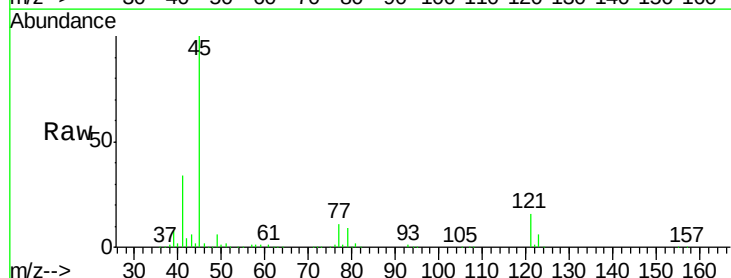
Tgt Ion: 45 Resp: 422370

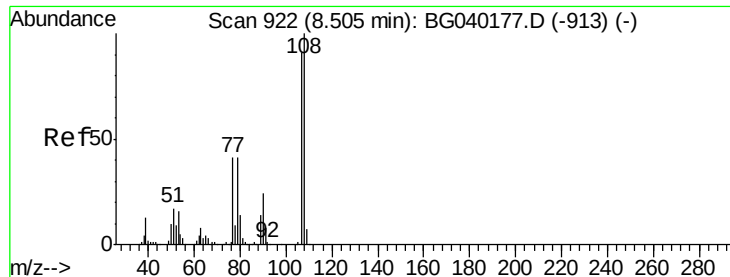
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.4

79 9.4 0.0 28.3





#17

2-Methylphenol

Concen: 55.193 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 215268

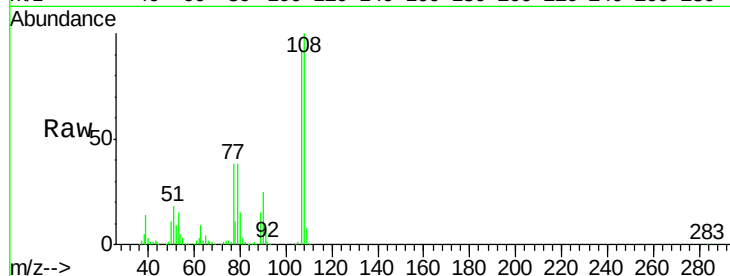
Ion Ratio Lower Upper

107 100

108 108.8 88.2 132.4

77 41.8 36.6 55.0

79 41.4 36.5 54.7

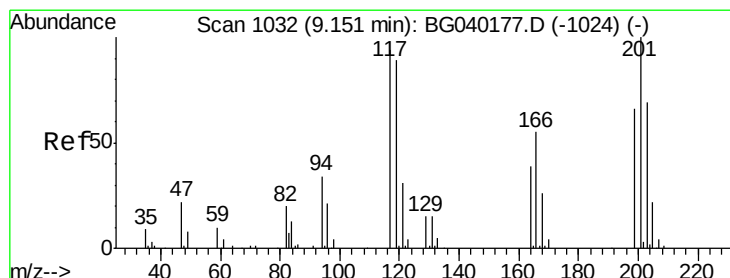
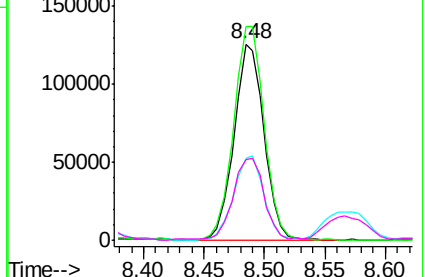
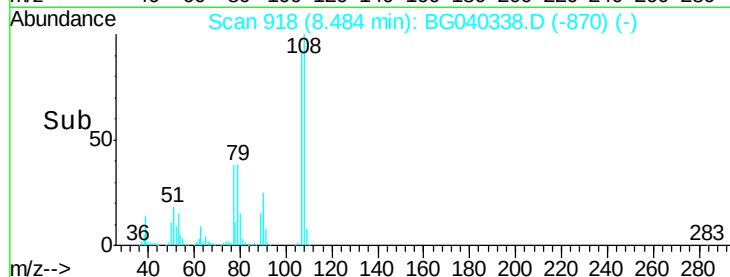


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 48.830 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

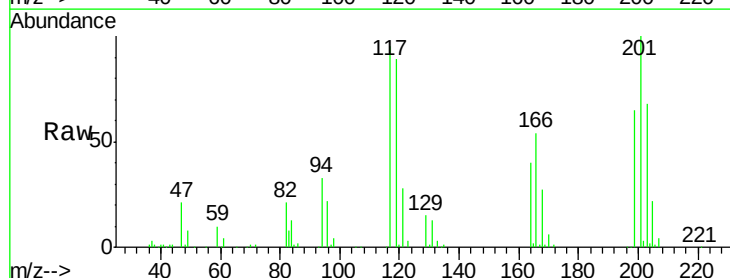
Tgt Ion:117 Resp: 88452

Ion Ratio Lower Upper

117 100

119 93.6 76.6 115.0

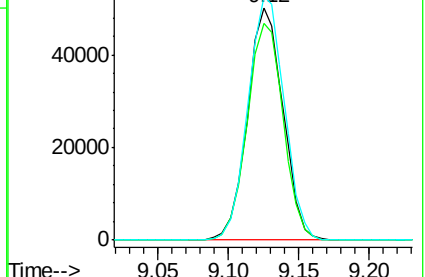
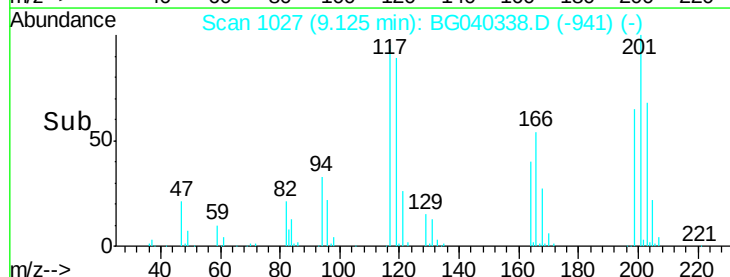
201 104.9 85.0 127.4

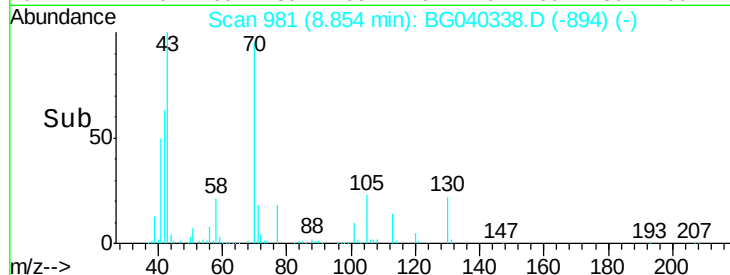
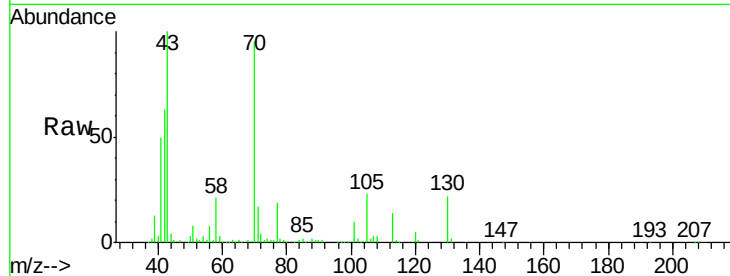
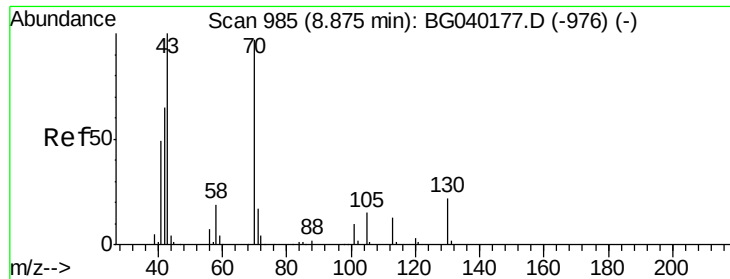


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

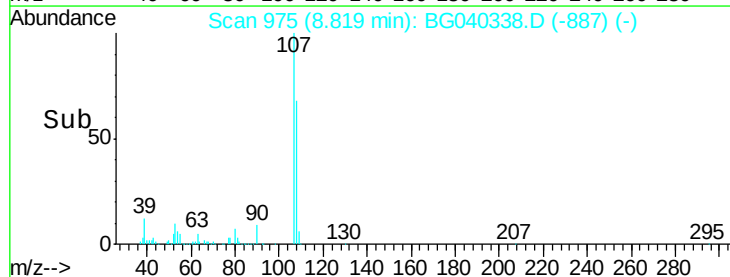
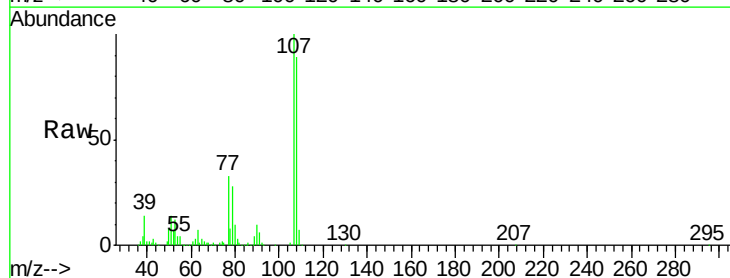
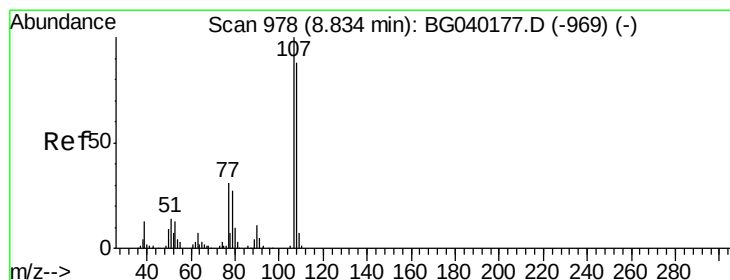
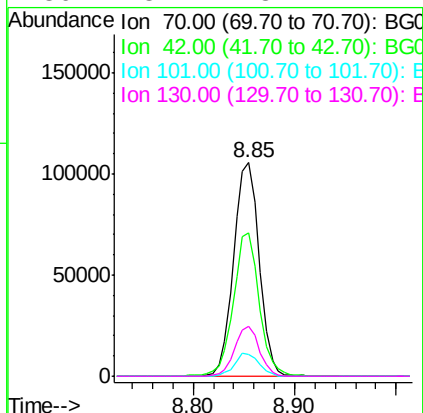




#19
n-Nitroso-di-n-propylamine
Concen: 49.709 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

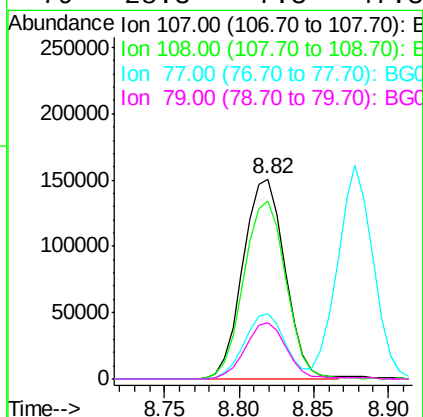
Instrument :
BNA_G
ClientSampleId :

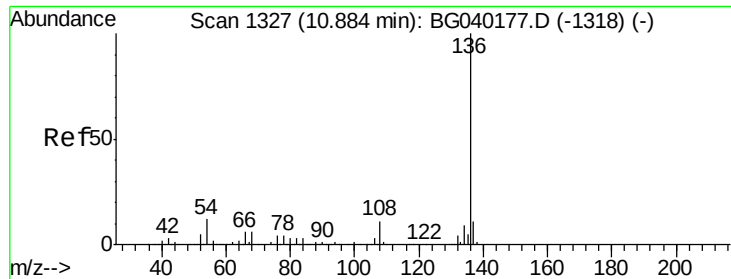
Tot Ion:	70	Resp:	185073
Ion	Ratio	Lower	Upper
70	100		
42	67.0	54.0	81.0
101	10.4	8.6	13.0
130	23.2	18.2	27.2



#20
3+4-Methylphenols
Concen: 55.769 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:	107	Resp:	294665
Ion	Ratio	Lower	Upper
107	100		
108	89.2	68.3	108.3
77	32.8	11.3	51.3
79	28.3	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 243782

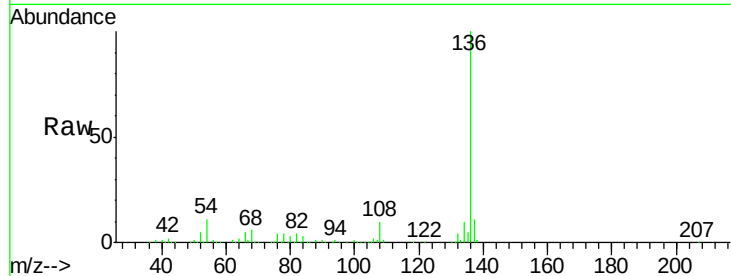
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 10.6 9.6 14.4

68 6.4 5.1 7.7

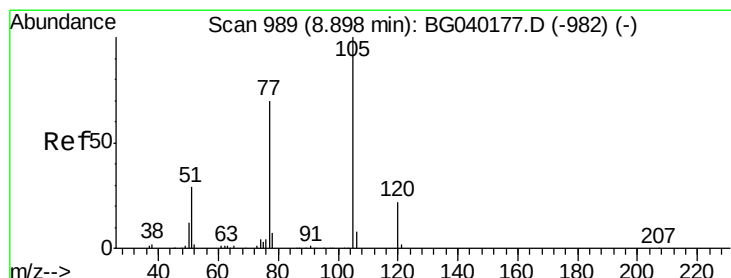
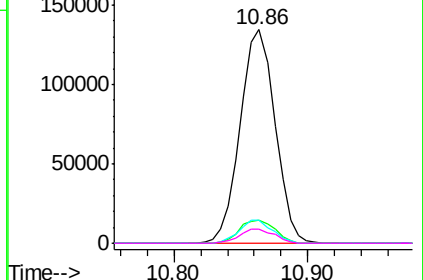
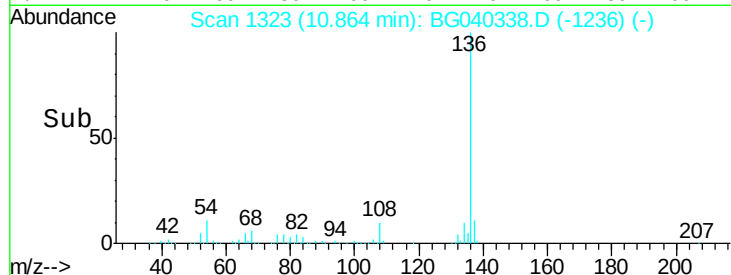


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 57.820 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Tgt Ion:105 Resp: 351610

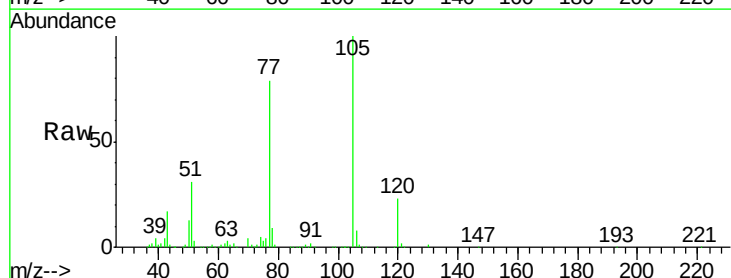
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0

51 31.2 25.1 37.7

120 23.1 17.6 26.4

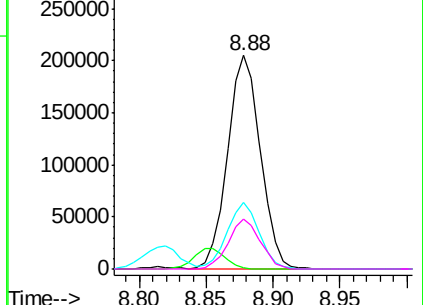
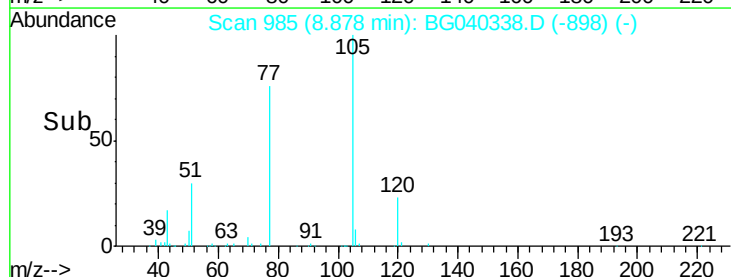


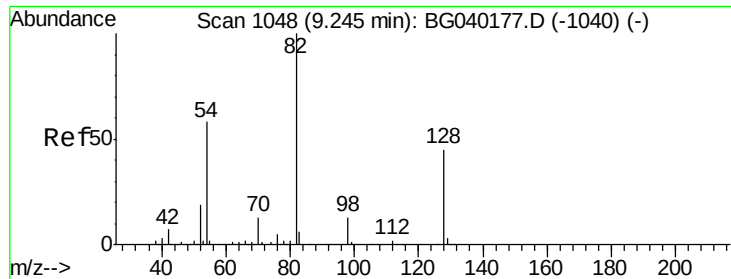
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

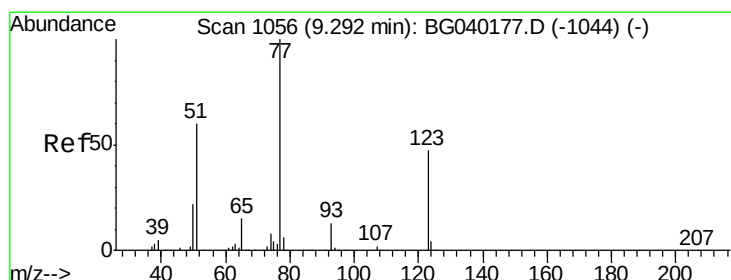
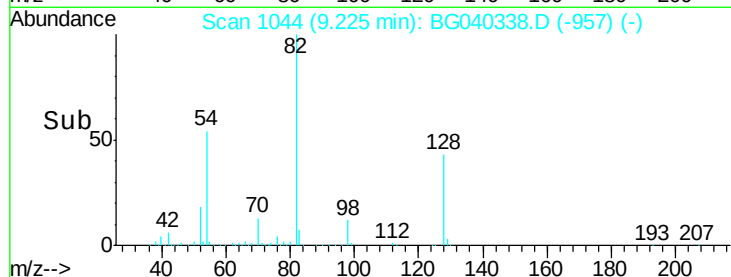
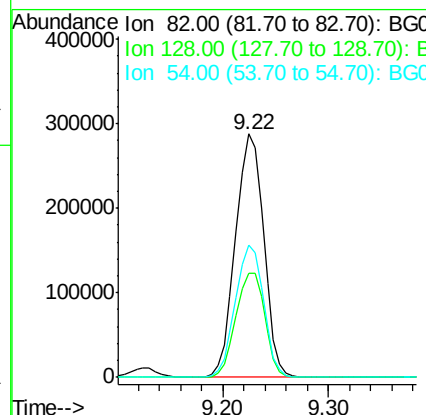
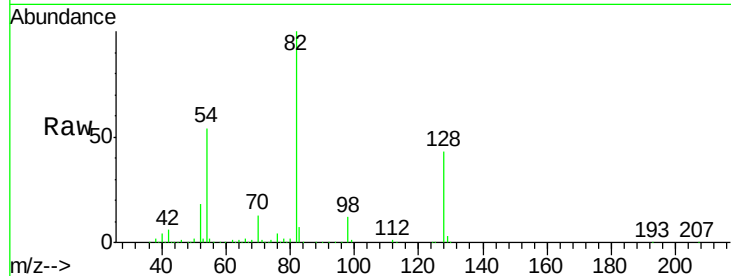




#23
Nitrobenzene-d5
Concen: 116.032 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

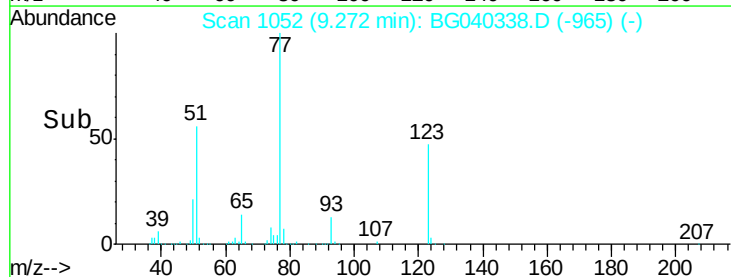
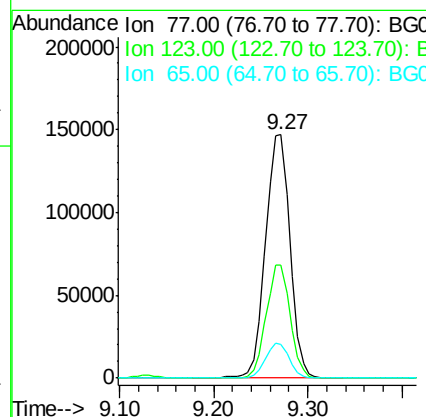
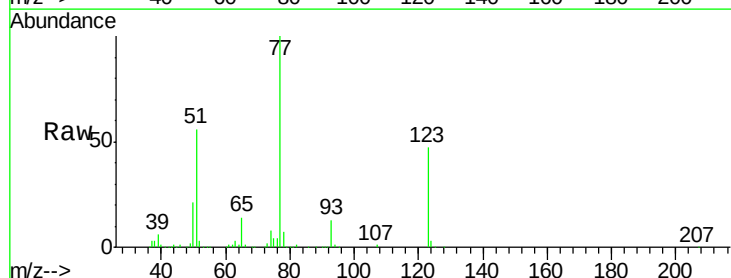
Instrument :
BNA_G
ClientSampleId :

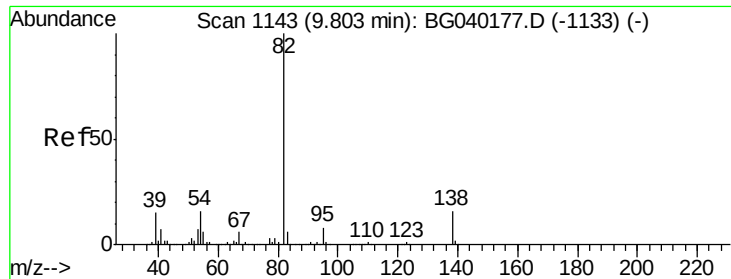
Tot Ion	82	Resp	532168
Ion Ratio	100	Lower	Upper
128	42.6	35.8	53.8
54	54.3	46.2	69.2



#24
Nitrobenzene
Concen: 55.676 ng
RT: 9.27 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion	77	Resp	264423
Ion Ratio	100	Lower	Upper
123	46.6	37.8	56.6
65	13.9	12.0	18.0





#25

Isophorone

Concen: 56.545 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

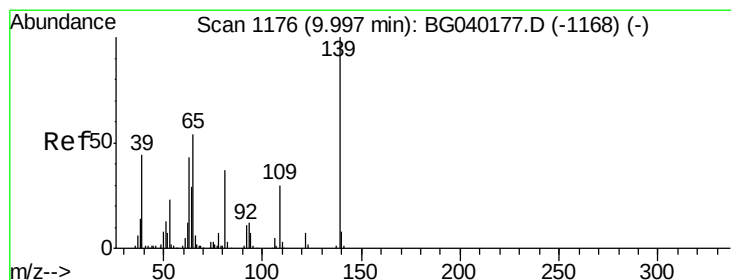
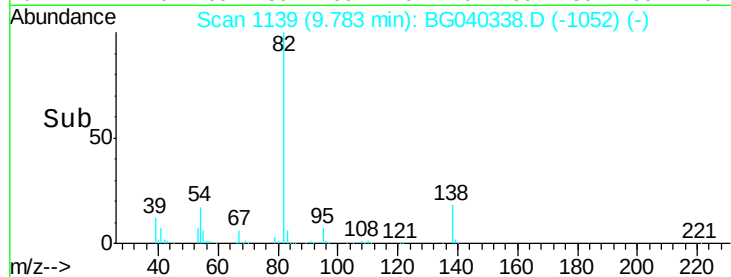
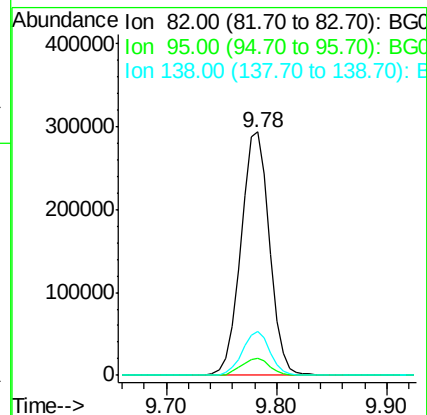
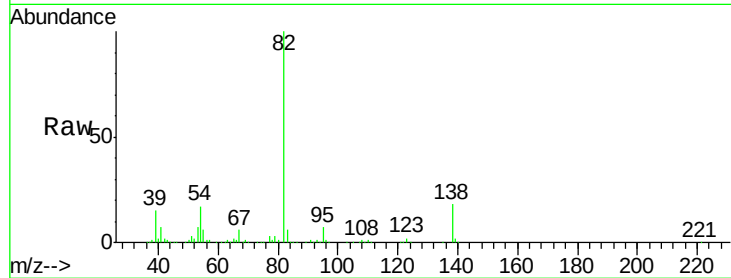
Tot Ion: 82 Resp: 533609

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 17.9 13.2 19.8



#26

2-Nitrophenol

Concen: 57.917 ng

RT: 9.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

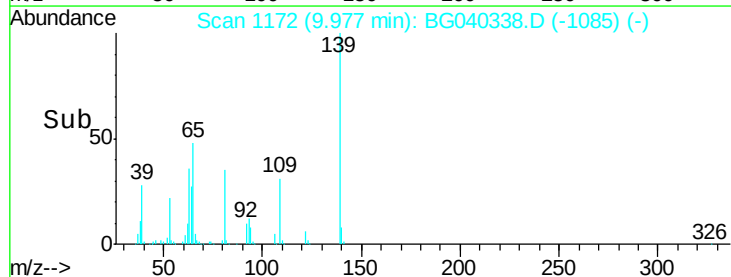
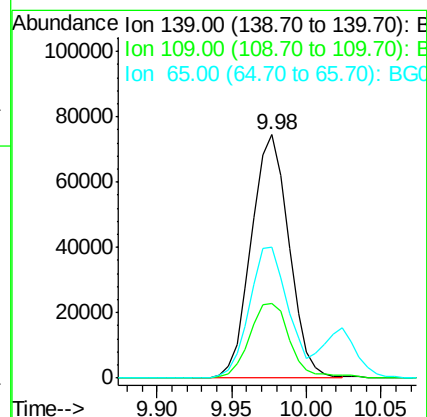
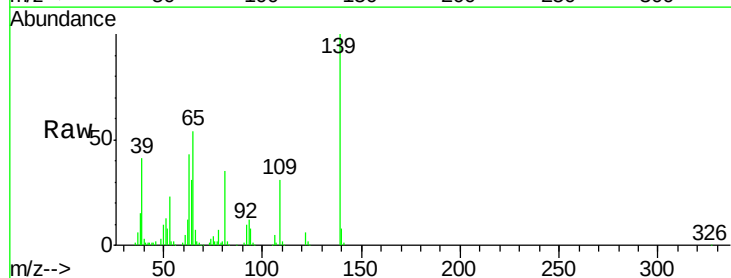
Tgt Ion: 139 Resp: 130339

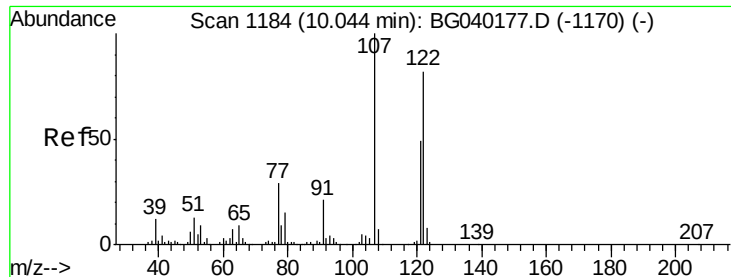
Ion Ratio Lower Upper

139 100

109 30.7 24.1 36.1

65 53.8 43.0 64.6

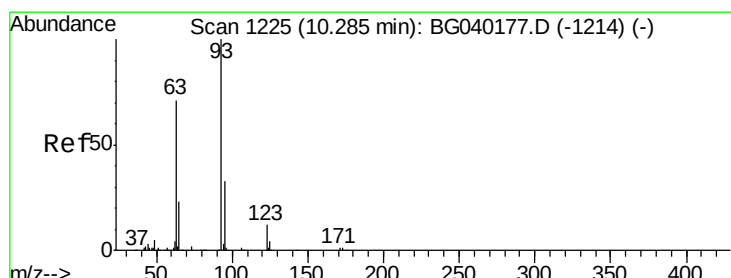
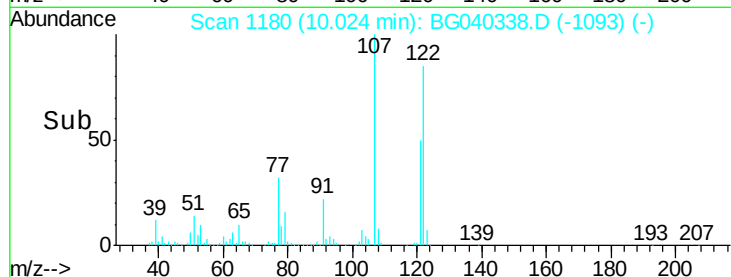
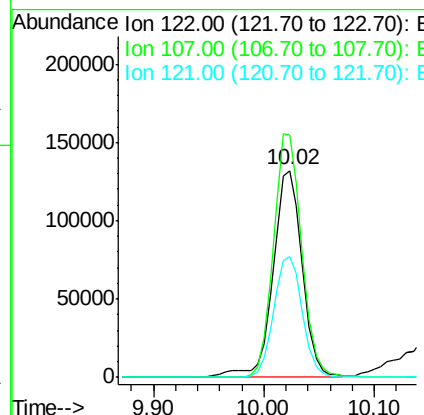
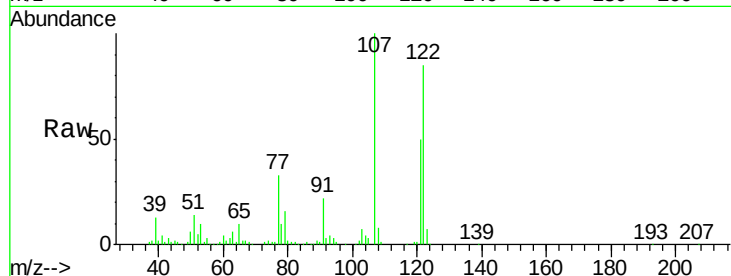




#27
2,4-Dimethylphenol
Concen: 68.261 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

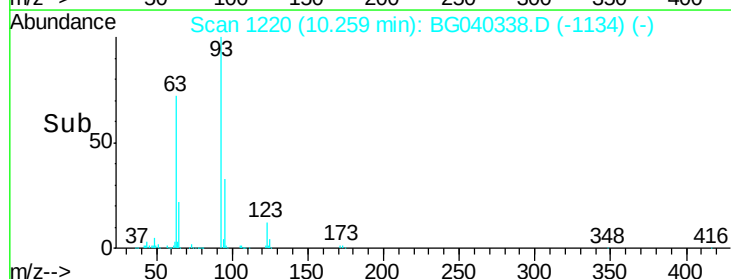
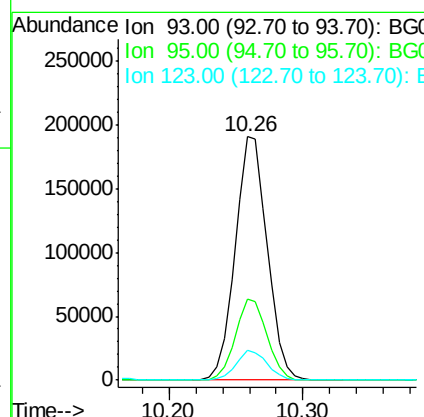
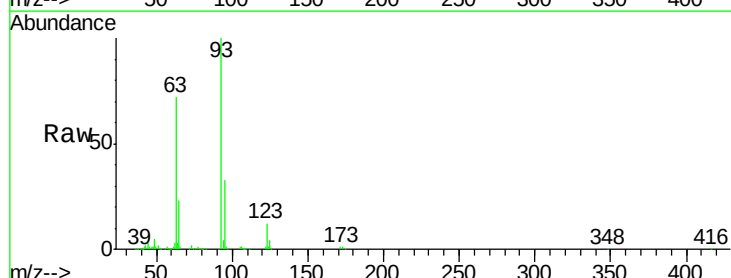
Instrument :
BNA_G
ClientSampleId :

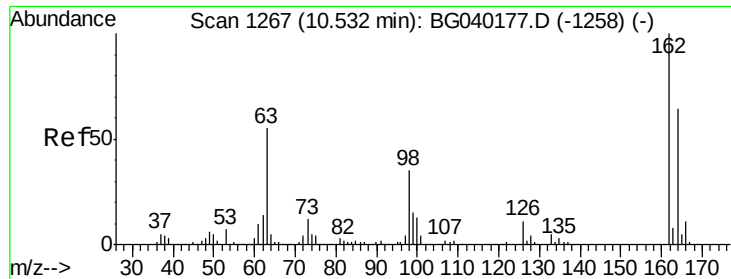
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.0	97.4	146.2
121	58.4	47.7	71.5



#28
bis(2-Chloroethoxy)methane
Concen: 56.993 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.2	39.4
123	12.4	9.4	14.0

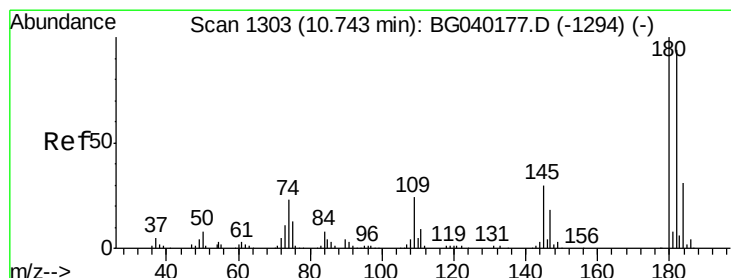
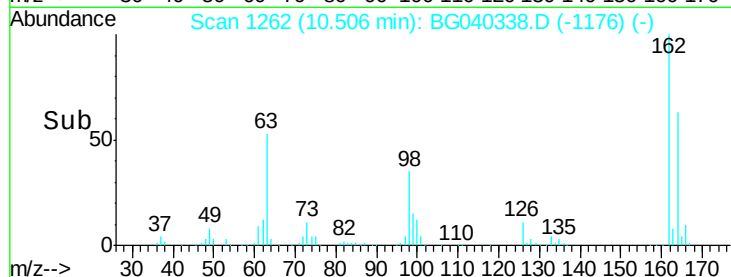
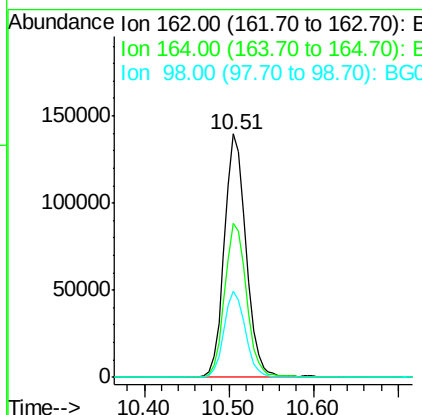
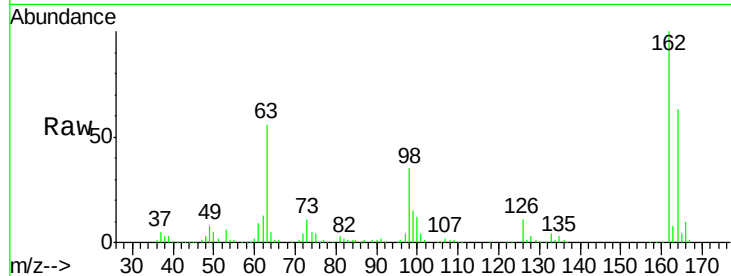




#29
 2,4-Dichlorophenol
 Concen: 63.819 ng
 RT: 10.51 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

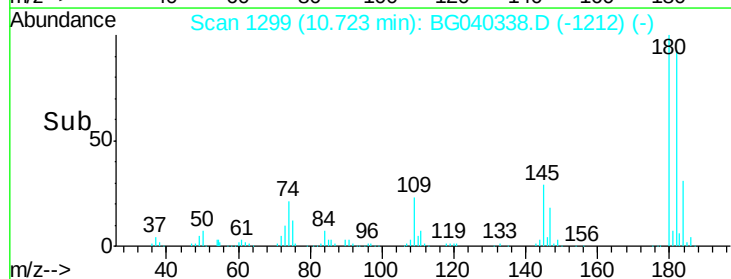
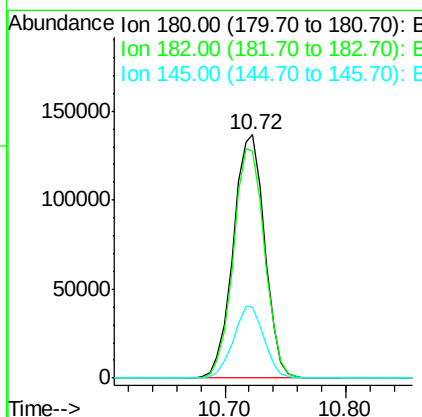
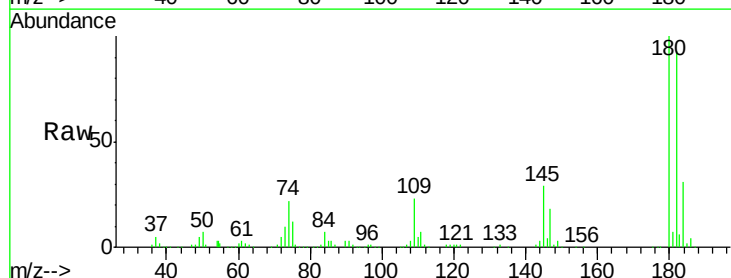
Instrument :
 BNA_G
 ClientSampleId :

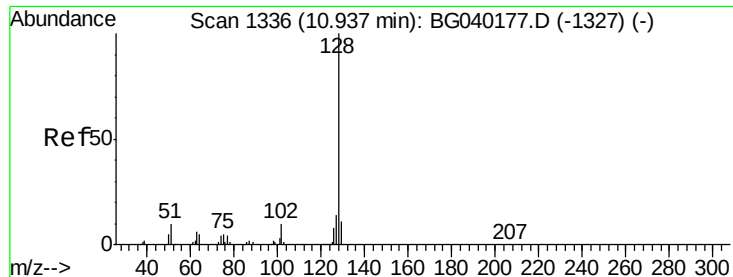
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.9	83.9
98	35.3	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 58.104 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.3	75.1	112.7
145	29.2	24.1	36.1

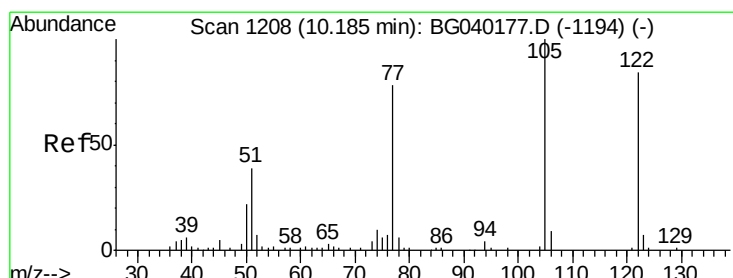
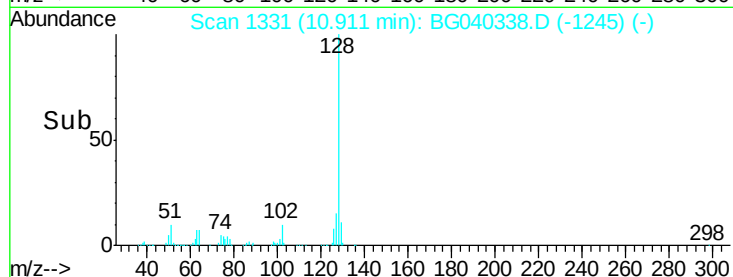
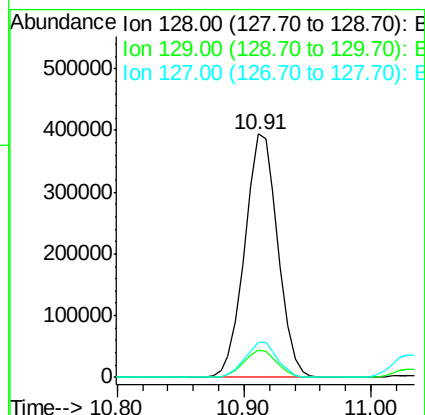
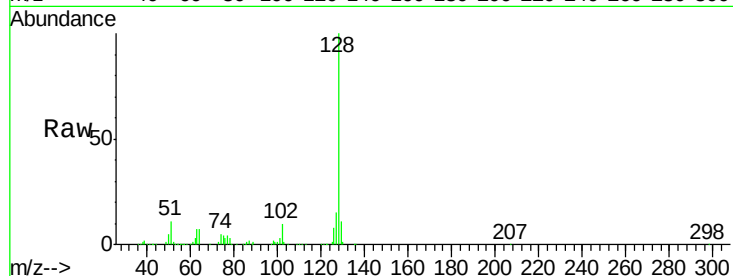




#31
Naphthalene
Concen: 57.014 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

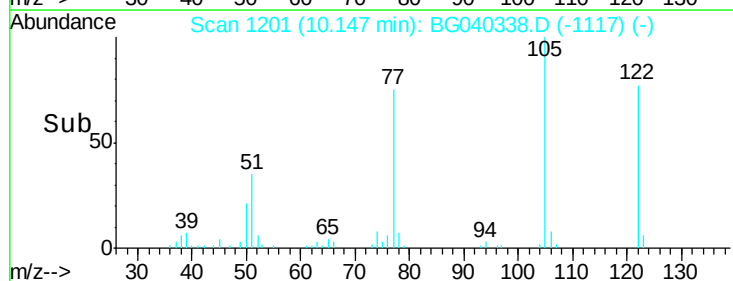
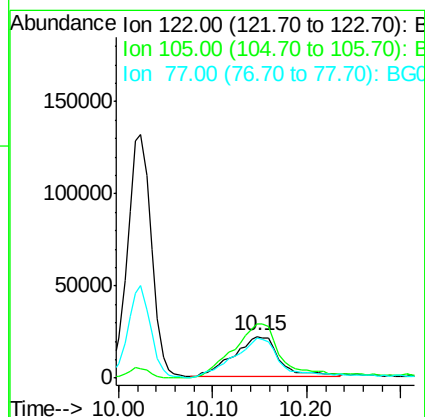
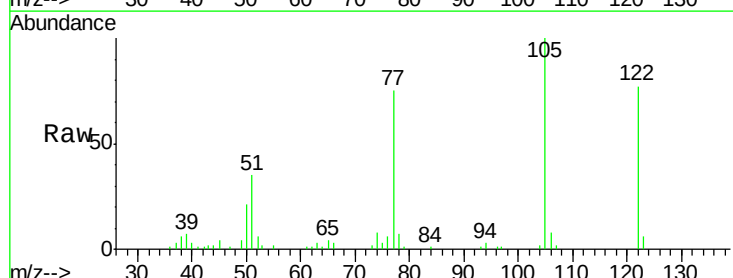
Instrument :
BNA_G
ClientSampled :

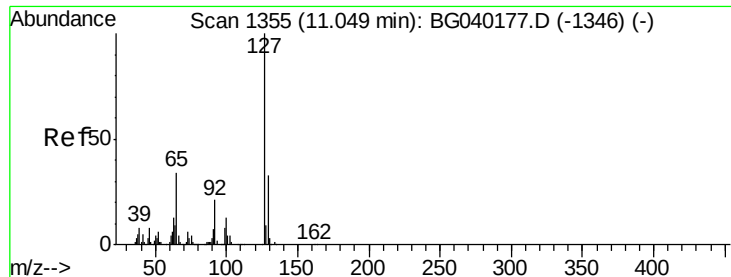
Tot Ion:128 Resp: 712430
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 14.6 11.4 17.0



#32
Benzoic acid
Concen: 34.474 ng
RT: 10.15 min Scan# 1201
Delta R.T. -0.04 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:122 Resp: 74457
Ion Ratio Lower Upper
122 100
105 129.6 98.2 138.2
77 96.6 73.6 113.6

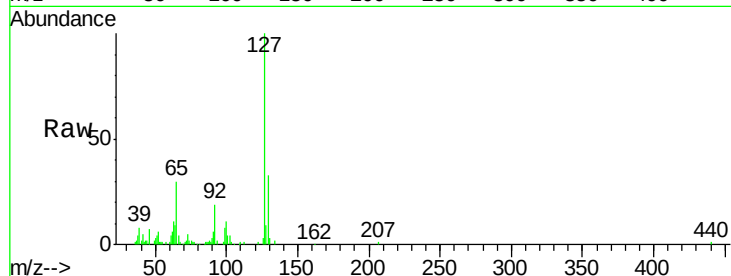




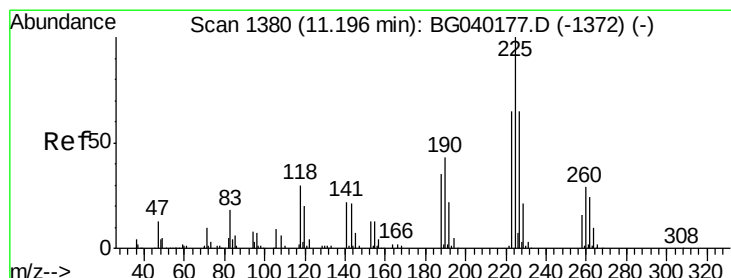
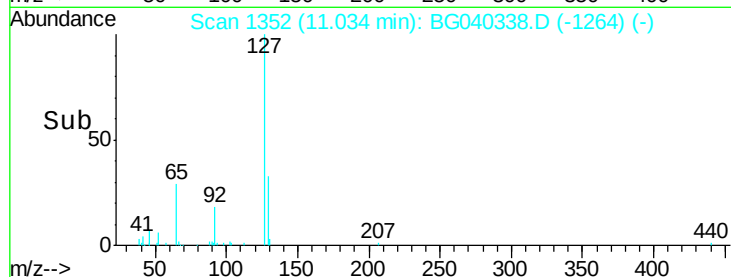
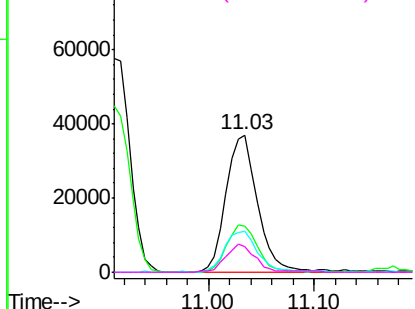
#33
4-Chloroaniline
Concen: 14.382 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	76659	
Ion Ratio	Lower	Upper	
127 100			
129 33.4	26.6	40.0	
65 30.0	27.0	40.4	
92 18.6	16.6	25.0	

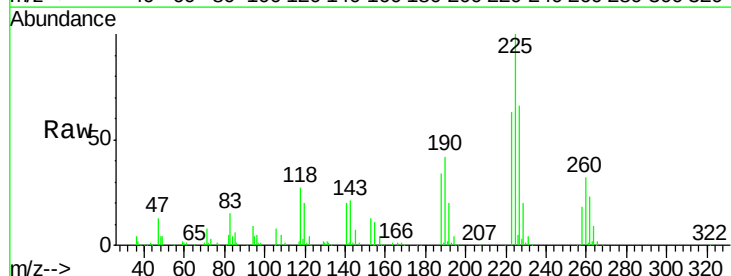


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

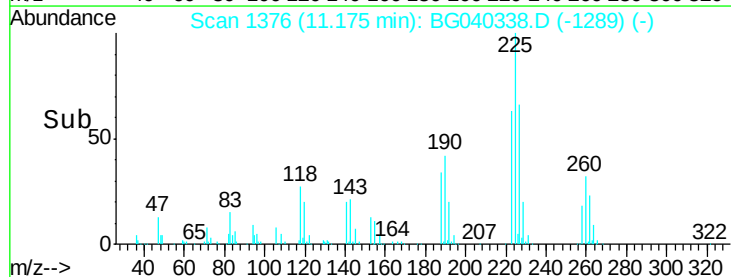
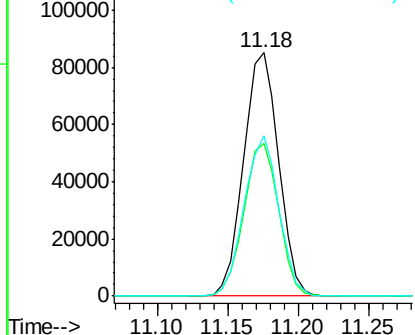


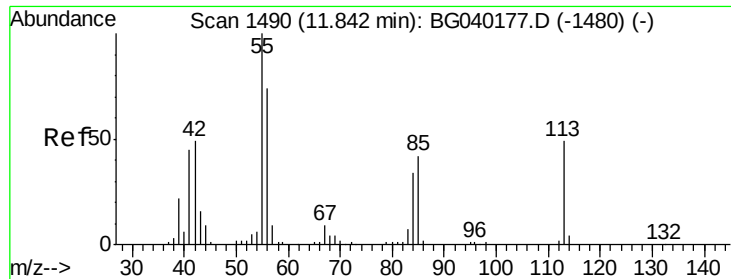
#34
Hexachlorobutadiene
Concen: 54.548 ng
RT: 11.18 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion	225	Resp:	148630
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.8	77.8
227	66.1	54.9	82.3



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: 35.897 ng

RT: 11.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

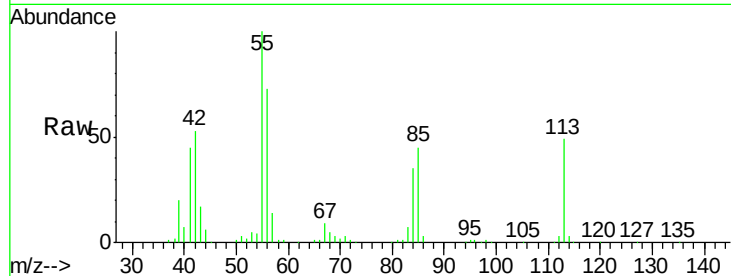
Tot Ion:113 Resp: 55273

Ion Ratio Lower Upper

113 100

55 205.7 184.2 224.2

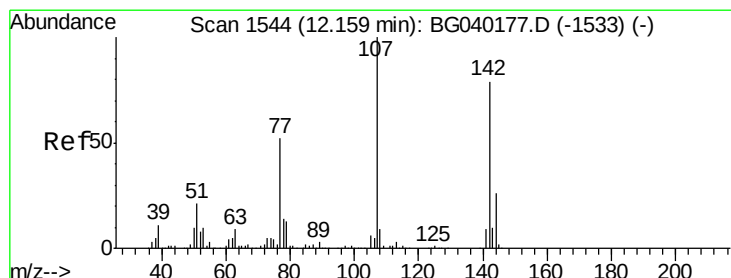
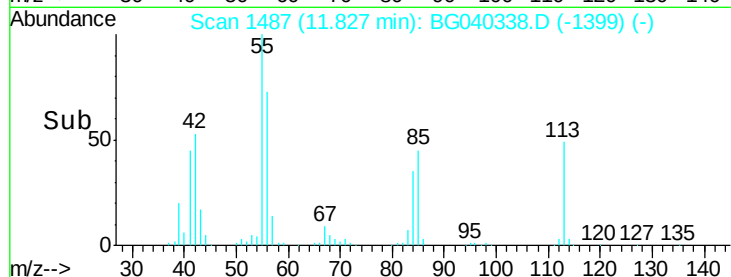
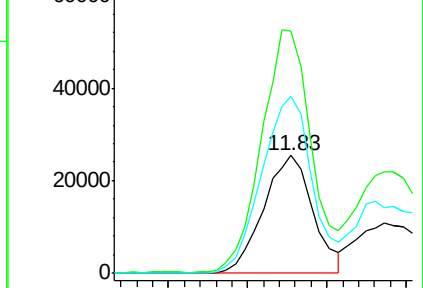
56 149.9 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 63.749 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

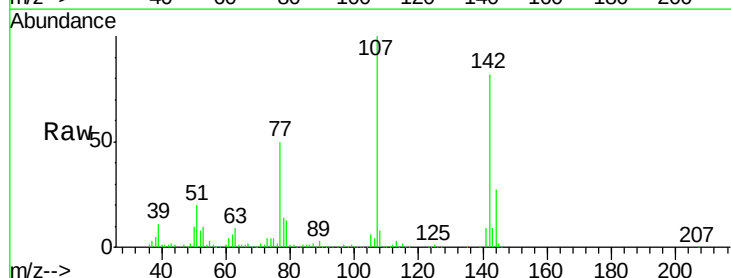
Tgt Ion:107 Resp: 284359

Ion Ratio Lower Upper

107 100

144 27.0 20.5 30.7

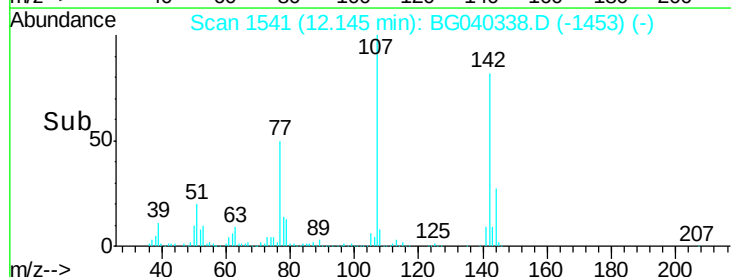
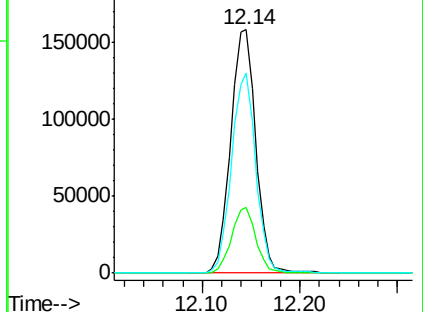
142 82.2 63.1 94.7

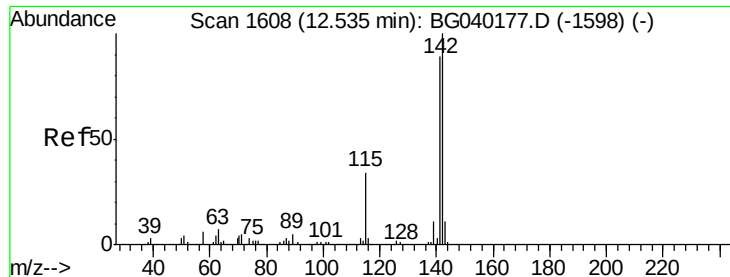


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

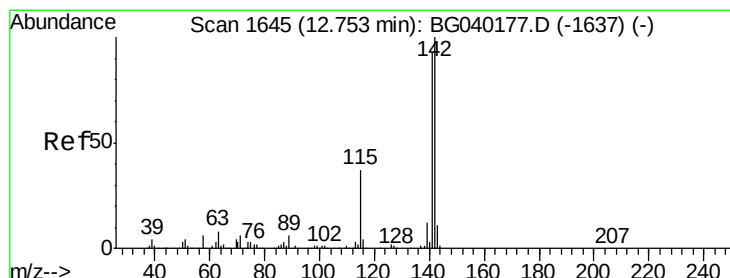
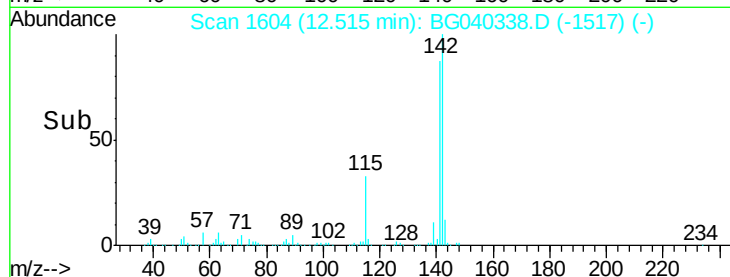
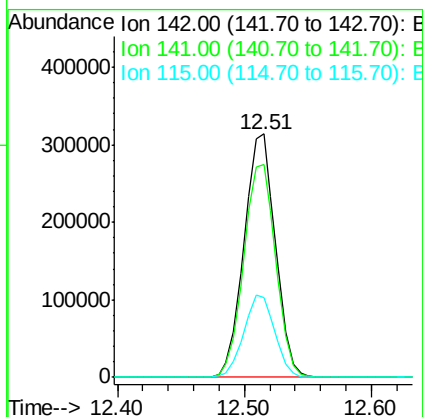
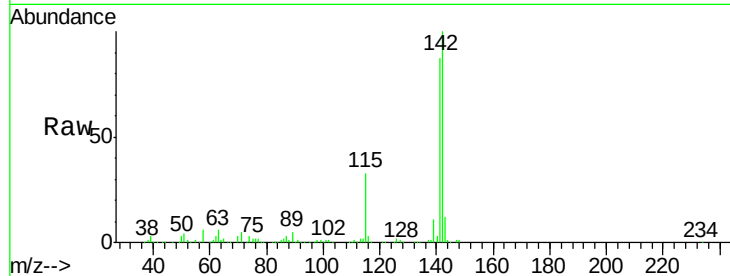




#37
2-Methylnaphthalene
Concen: 58.417 ng
RT: 12.51 min Scan# 1604
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

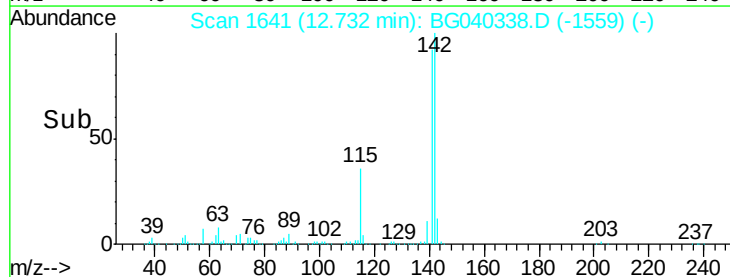
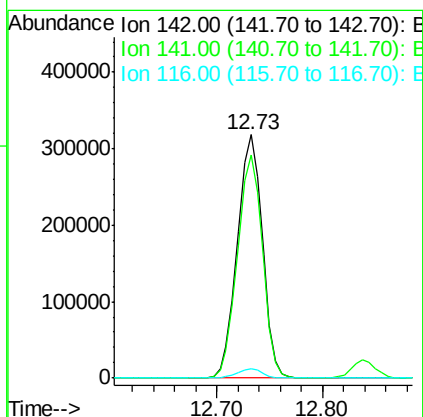
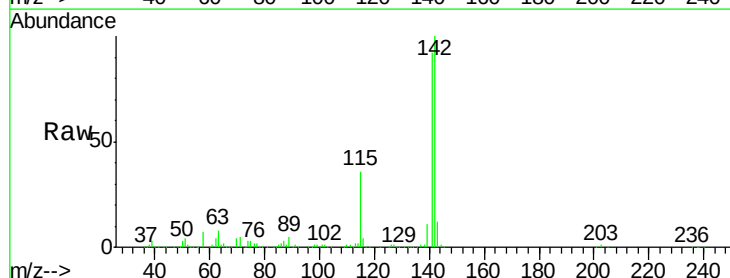
Instrument :
BNA_G
ClientSampleId :

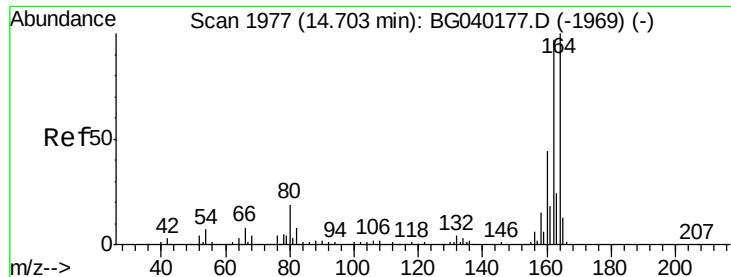
Tot Ion:142 Resp: 539861
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6
115 32.8 27.3 40.9



#38
1-Methylnaphthalene
Concen: 58.132 ng
RT: 12.73 min Scan# 1641
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:142 Resp: 520954
Ion Ratio Lower Upper
142 100
141 91.7 74.2 111.4
116 3.9 3.0 4.4

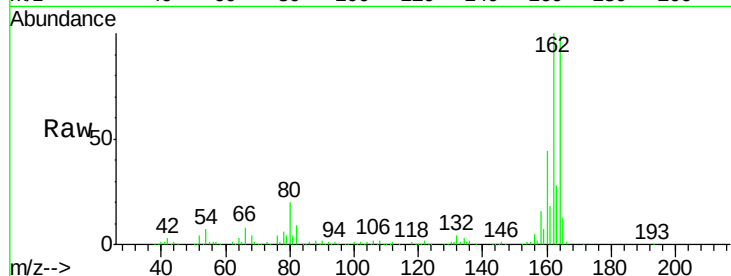




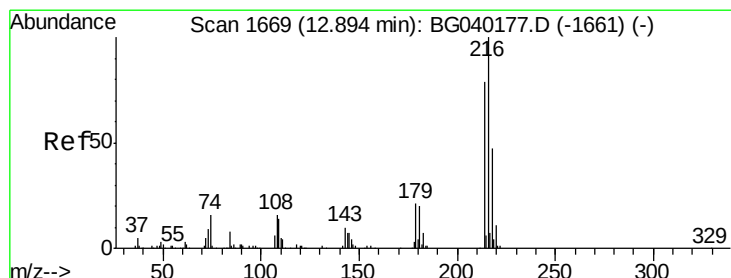
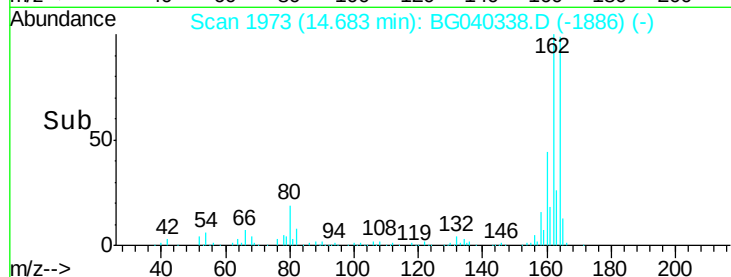
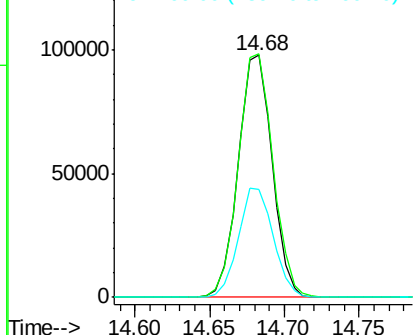
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:164 Resp: 153727
 Ion Ratio Lower Upper
 164 100
 162 100.6 77.4 116.2
 160 44.6 35.3 52.9

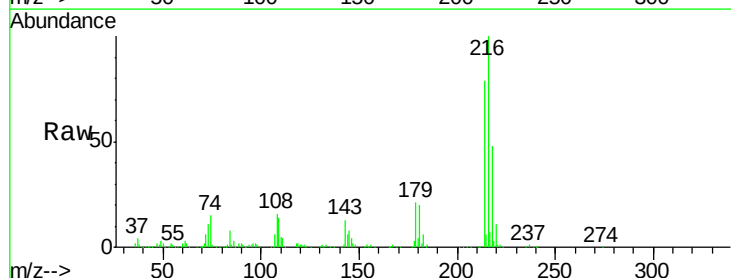


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

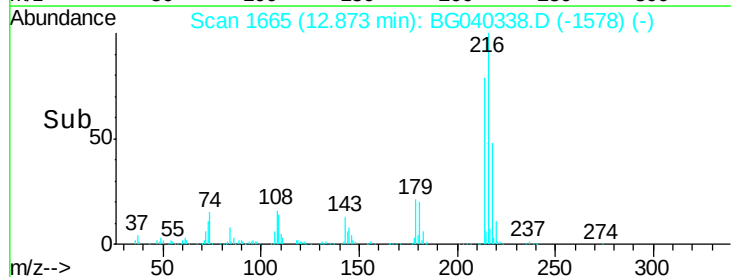
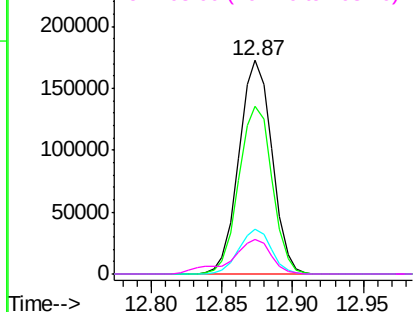


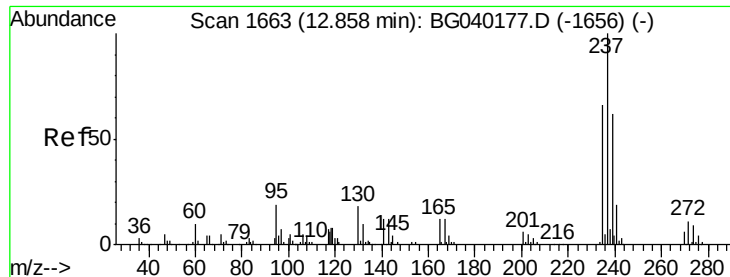
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 57.539 ng
 RT: 12.87 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:216 Resp: 281137
 Ion Ratio Lower Upper
 216 100
 214 79.4 63.5 95.3
 179 20.7 16.6 25.0
 108 19.6 13.8 20.8



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 121.673 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

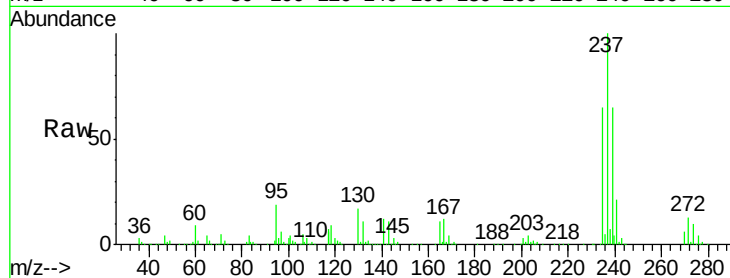
Tot Ion:237 Resp: 326418

Ion Ratio Lower Upper

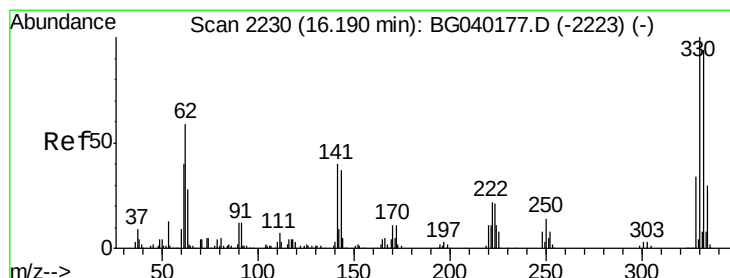
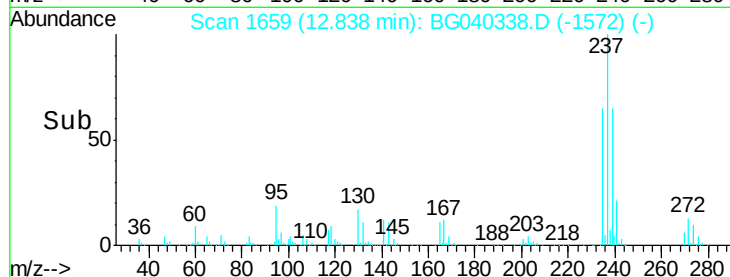
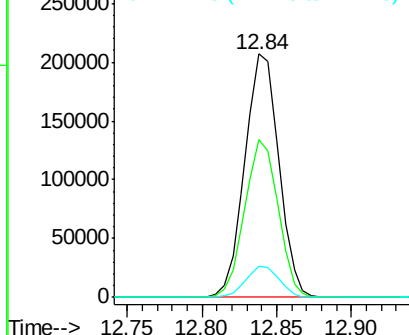
237 100

235 64.7 46.2 86.2

272 12.9 0.0 30.5



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



#42

2,4,6-Tribromophenol

Concen: 207.836 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

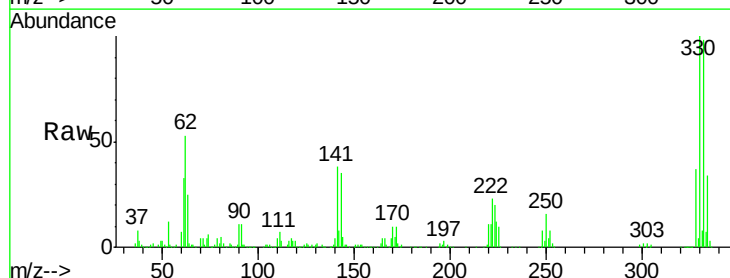
Tgt Ion:330 Resp: 345296

Ion Ratio Lower Upper

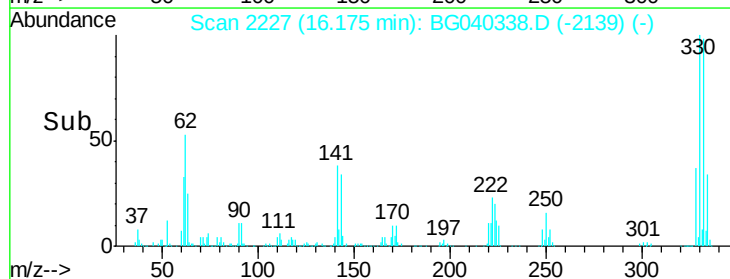
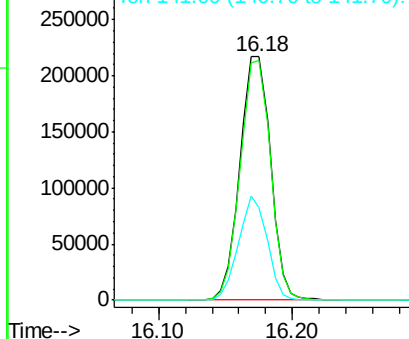
330 100

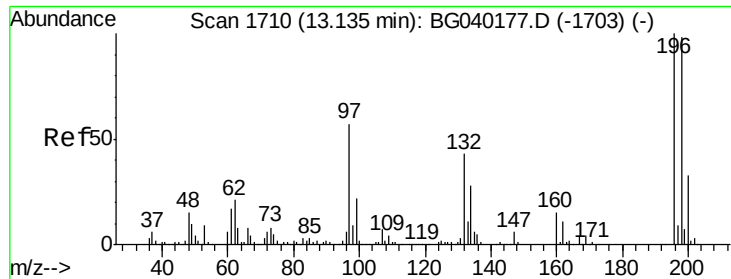
332 97.1 76.6 115.0

141 39.8 32.6 48.8



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

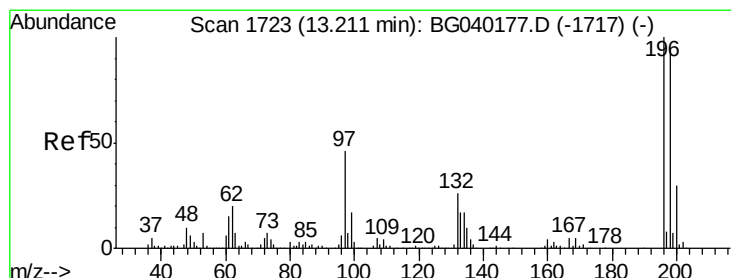
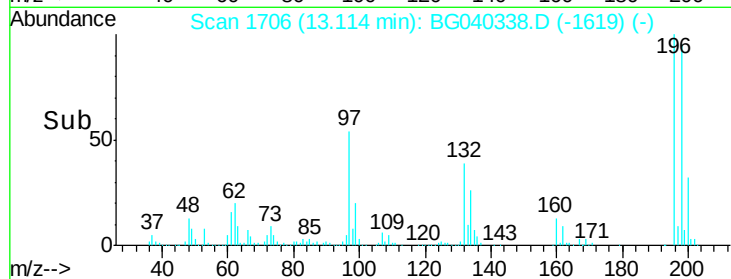
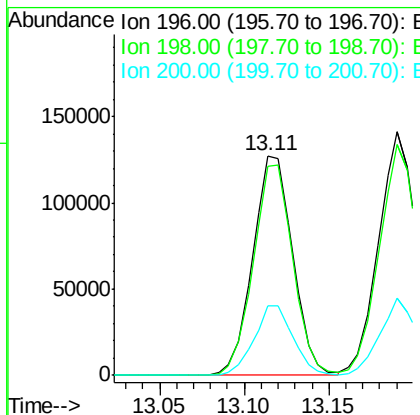
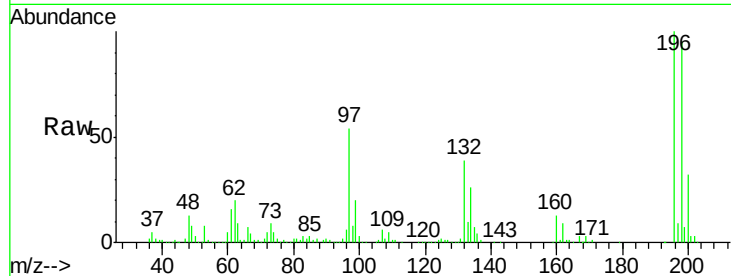




#43
 2,4,6-Trichlorophenol
 Concen: 66.039 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

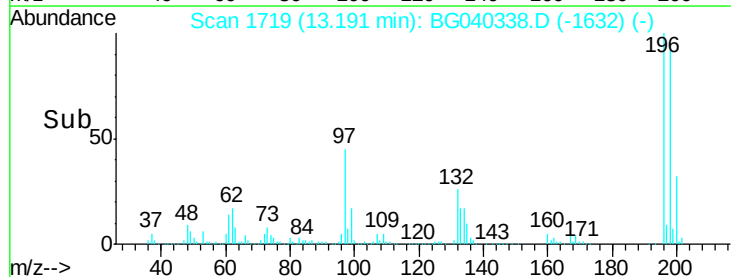
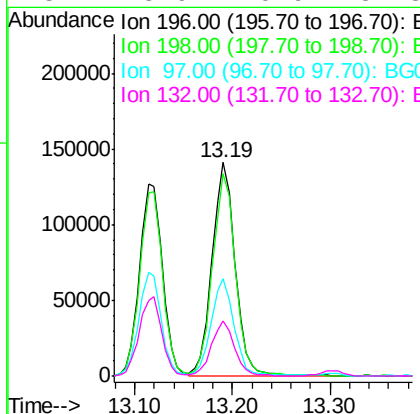
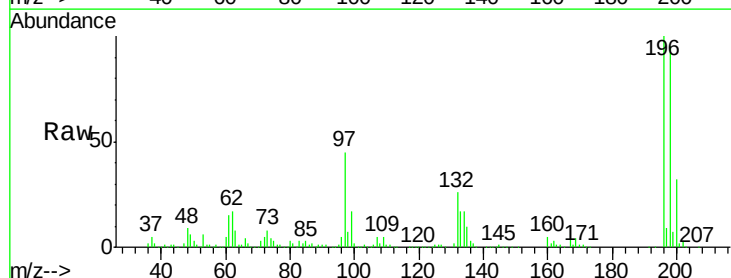
Instrument :
 BNA_G
 ClientSampled :

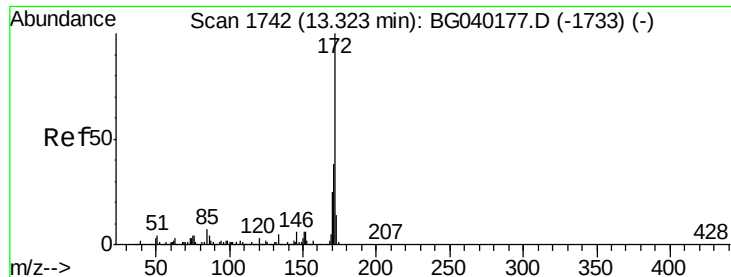
Tot Ion	196	Resp	208032
Ion Ratio	Lower	Upper	
196	100		
198	95.0	78.3	117.5
200	31.7	26.0	39.0



#44
 2,4,5-Trichlorophenol
 Concen: 66.999 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion	196	Resp	230048
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.0	112.6
97	45.3	37.3	55.9
132	25.9	20.9	31.3

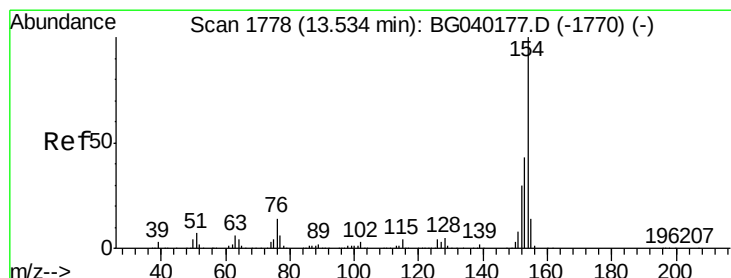
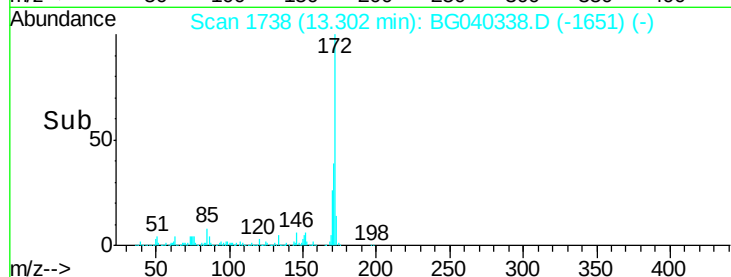
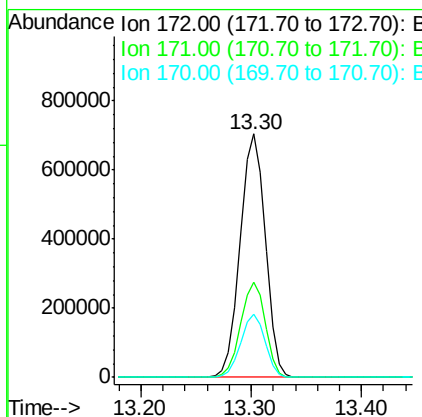
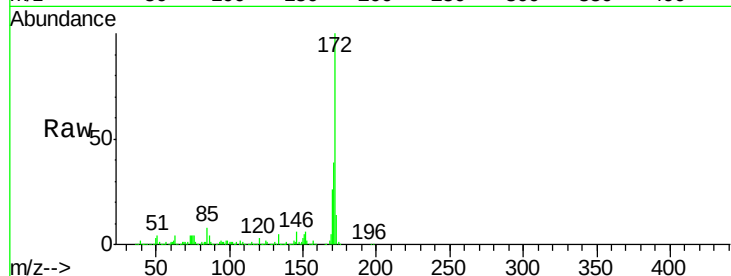




#45
2-Fluorobiphenyl
Concen: 109.351 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

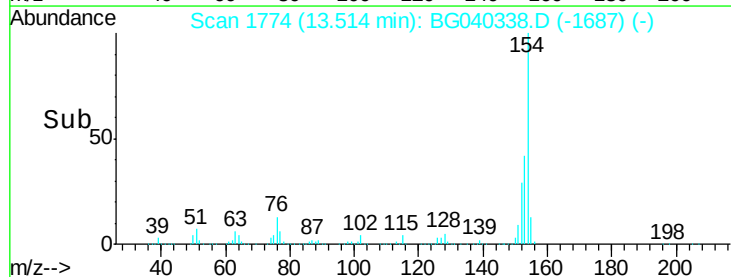
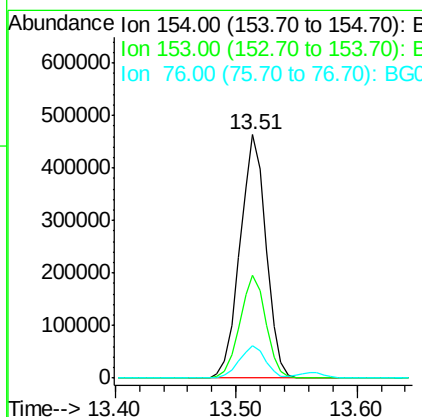
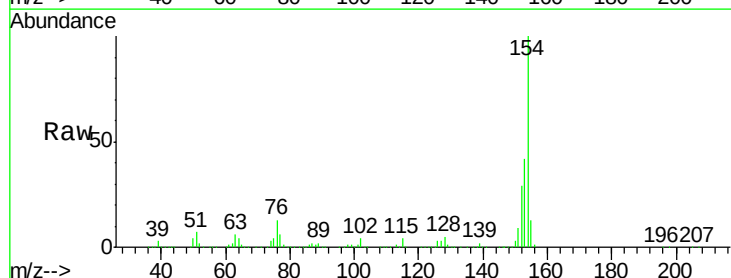
Instrument :
BNA_G
ClientSampleId :

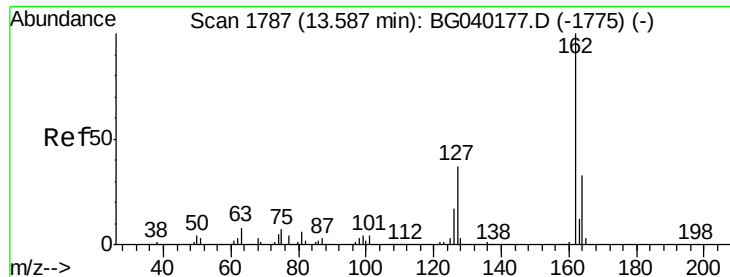
Tot Ion:172 Resp: 1134471
Ion Ratio Lower Upper
172 100
171 39.1 30.5 45.7
170 25.8 20.1 30.1



#46
1,1'-Biphenyl
Concen: 57.405 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:154 Resp: 697267
Ion Ratio Lower Upper
154 100
153 42.4 22.5 62.5
76 13.4 0.0 33.7

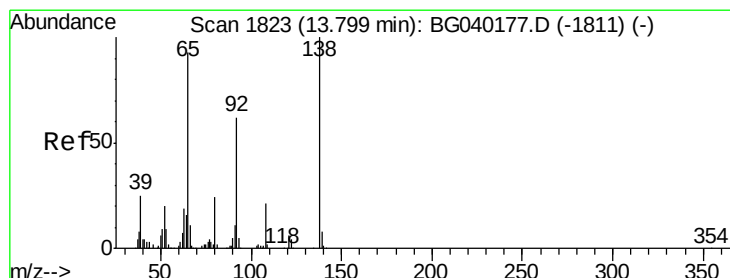
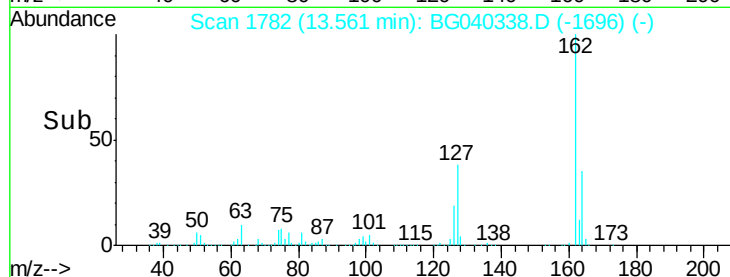
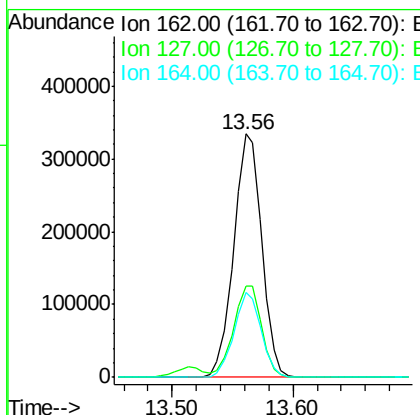
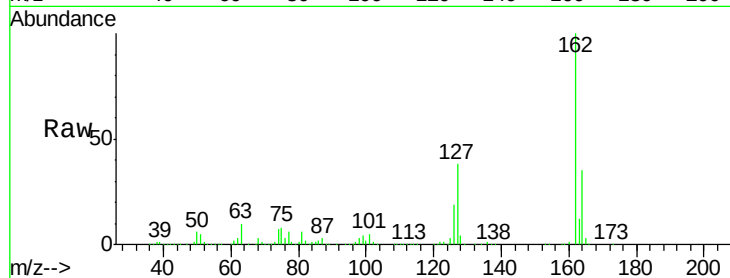




#47
 2-Chloronaphthalene
 Concen: 57.837 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

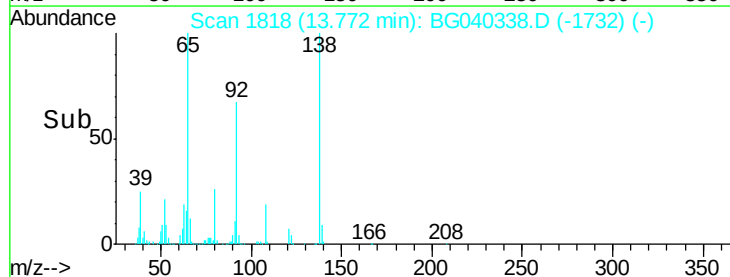
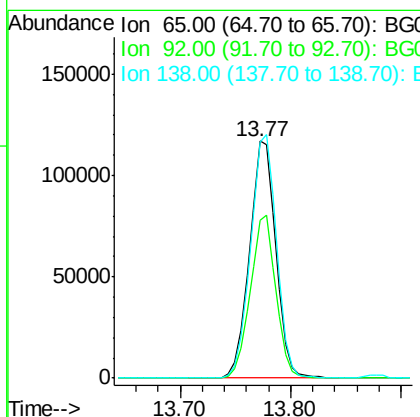
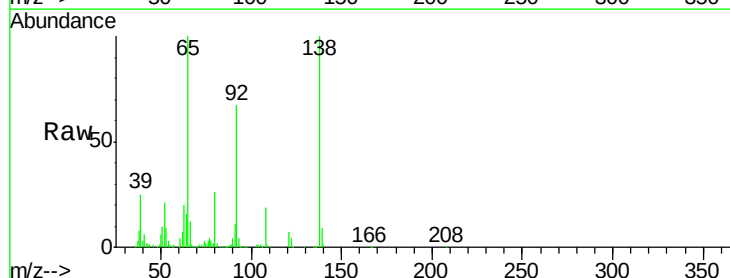
Instrument :
 BNA_G
 ClientSampleId :

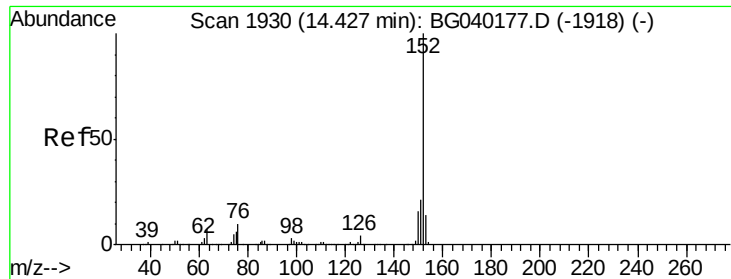
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.6	45.8
164	34.7	26.2	39.4



#48
 2-Nitroaniline
 Concen: 62.434 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.8	53.8	80.6
138	99.5	86.3	129.5





#49

Acenaphthylene

Concen: 57.319 ng

RT: 14.41 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

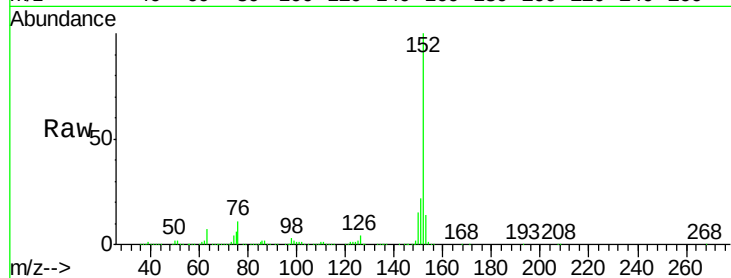
Tot Ion:152 Resp: 905462

Ion Ratio Lower Upper

152 100

151 22.2 17.0 25.6

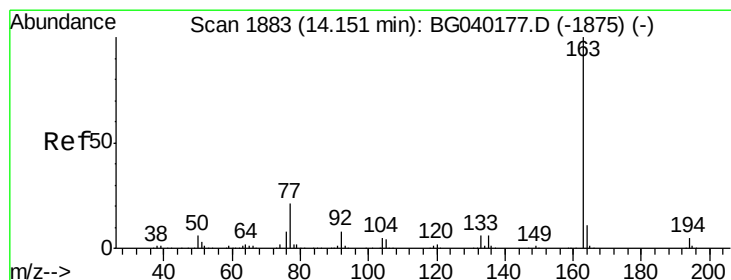
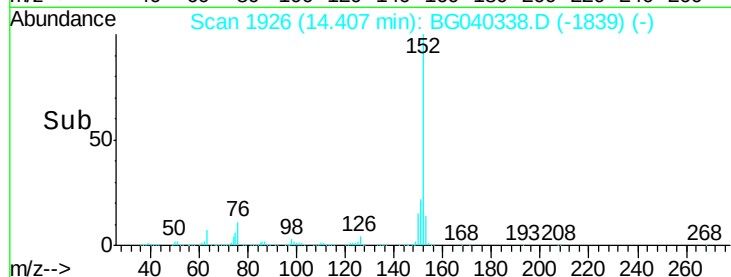
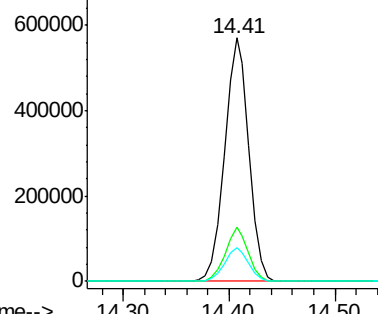
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 66.789 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

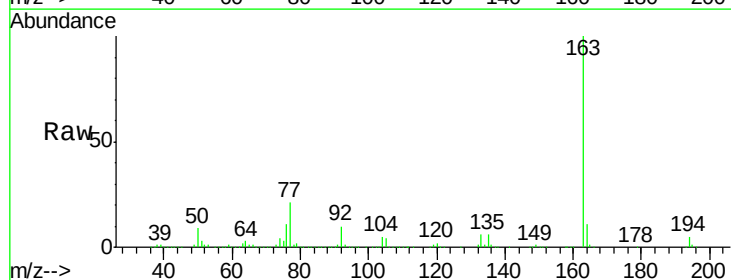
Tgt Ion:163 Resp: 803552

Ion Ratio Lower Upper

163 100

194 4.7 4.1 6.1

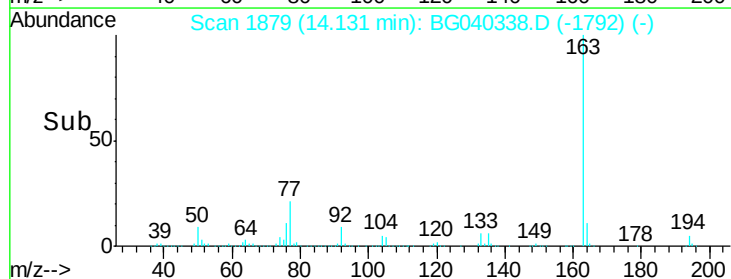
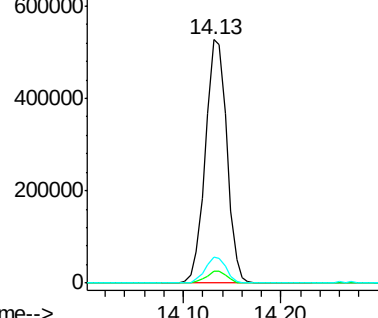
164 10.7 8.6 13.0

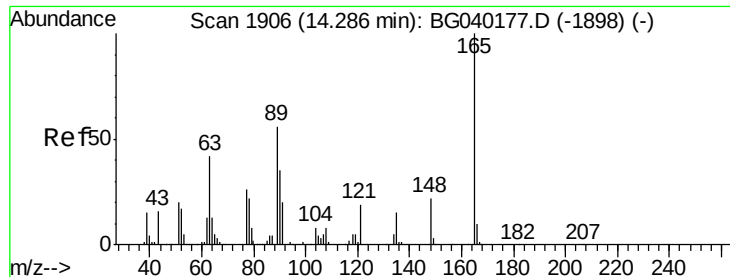


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

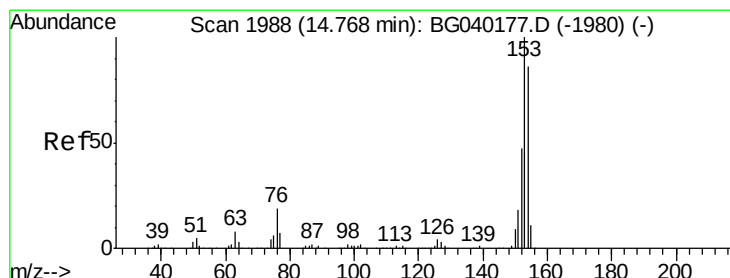
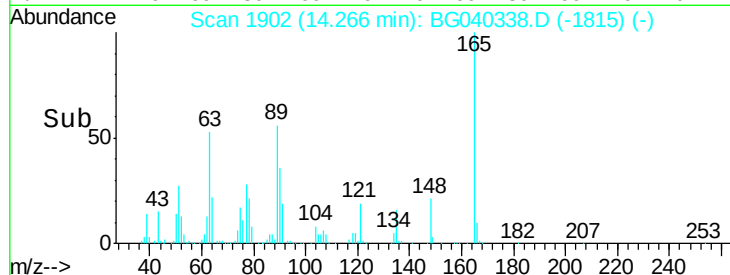
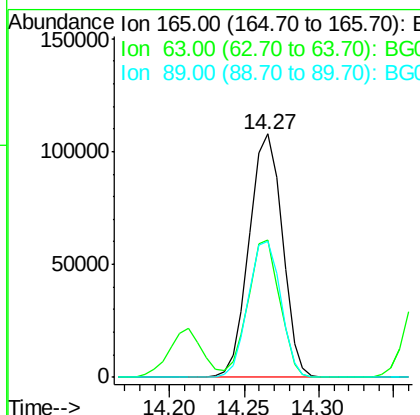
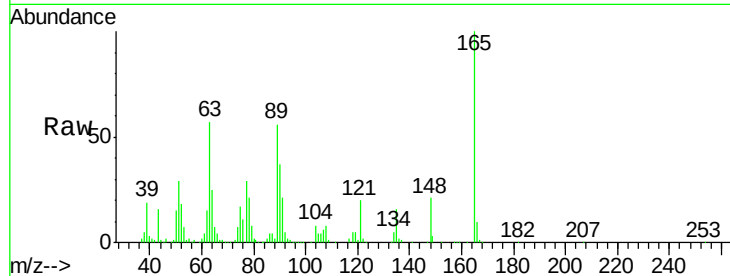




#51
2,6-Dinitrotoluene
Concen: 61.339 ng
RT: 14.27 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

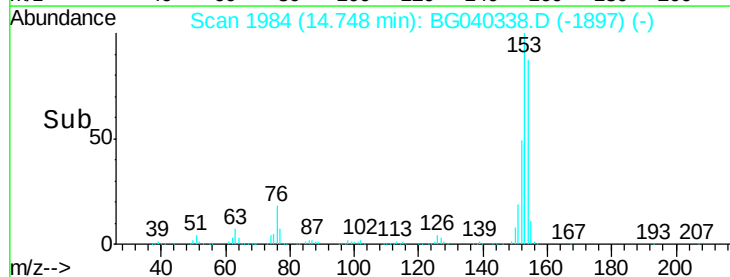
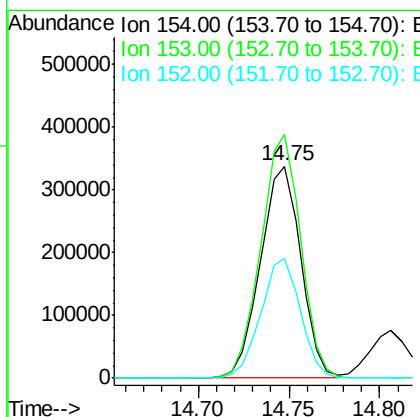
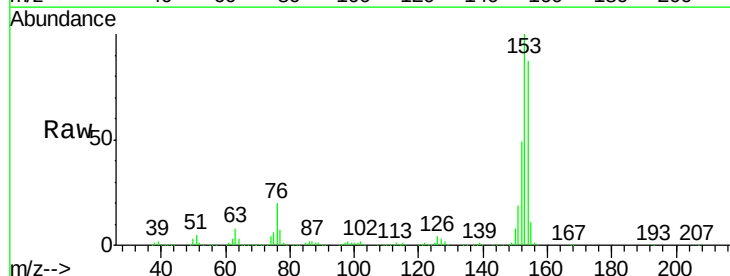
Instrument :
BNA_G
ClientSampleId :

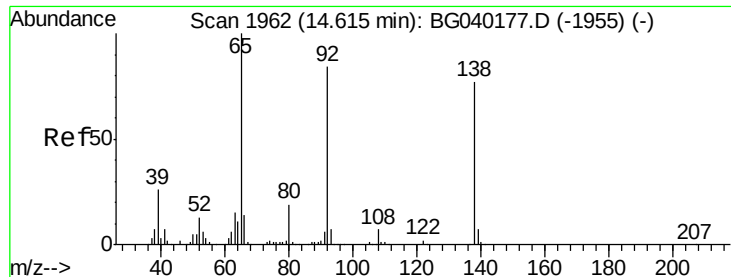
Tot Ion:165 Resp: 165705
Ion Ratio Lower Upper
165 100
63 56.6 44.1 66.1
89 56.0 44.9 67.3



#52
Acenaphthene
Concen: 57.733 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:154 Resp: 522592
Ion Ratio Lower Upper
154 100
153 115.0 92.8 139.2
152 56.1 43.4 65.2





#53

3-Nitroaniline

Concen: 21.937 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

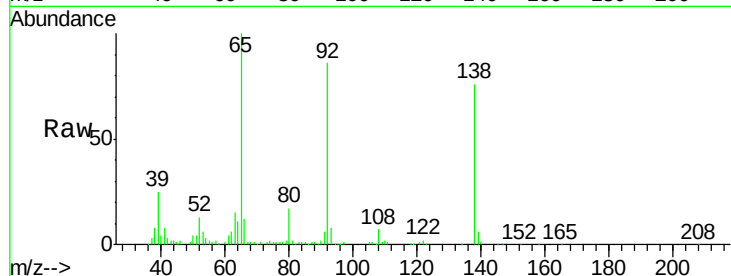
Tot Ion:138 Resp: 62729

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.8

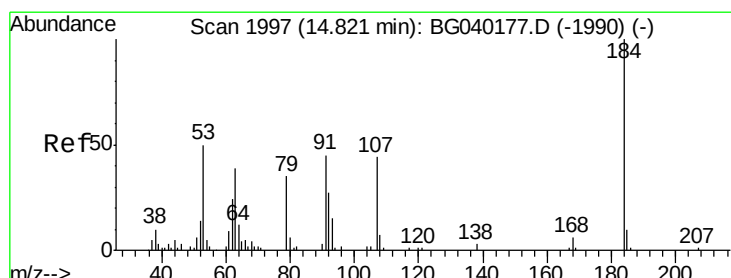
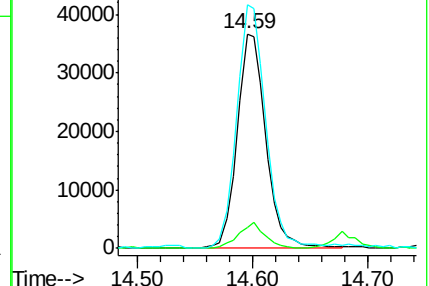
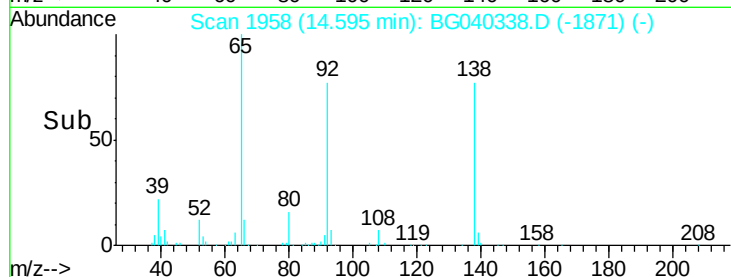
92 113.5 87.5 131.3



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): B



#54

2,4-Dinitrophenol

Concen: 142.898 ng

RT: 14.81 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

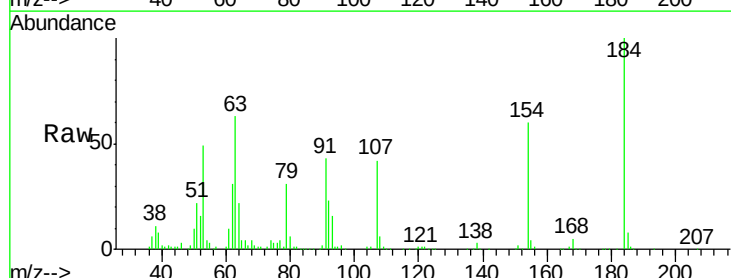
Tgt Ion:184 Resp: 205301

Ion Ratio Lower Upper

184 100

63 63.4 51.8 77.8

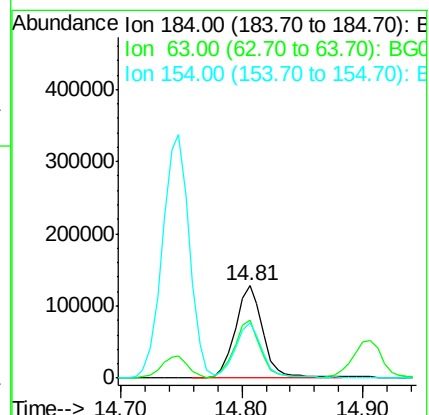
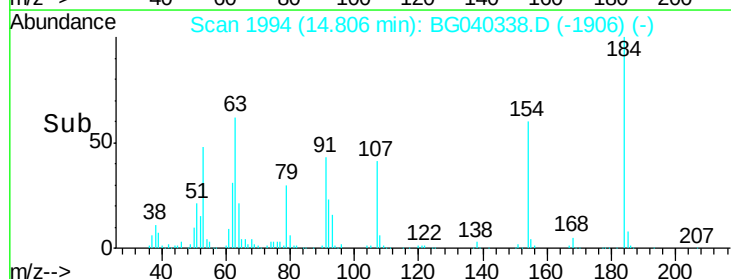
154 60.1 50.9 76.3

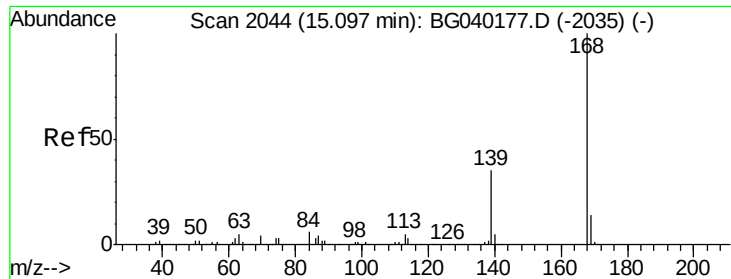


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 154.00 (153.70 to 154.70): E

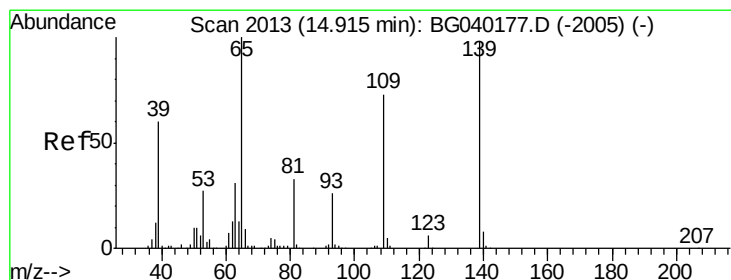
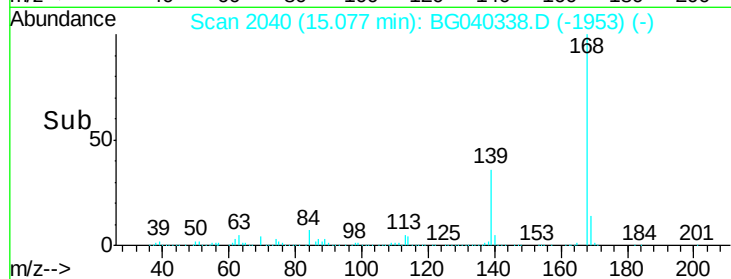
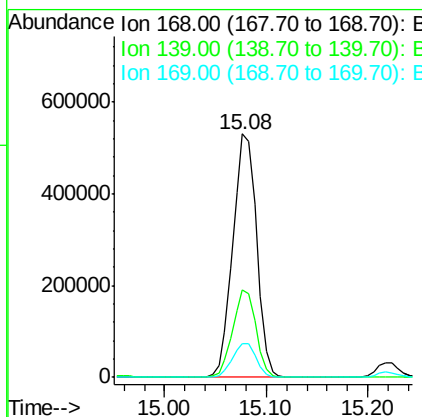
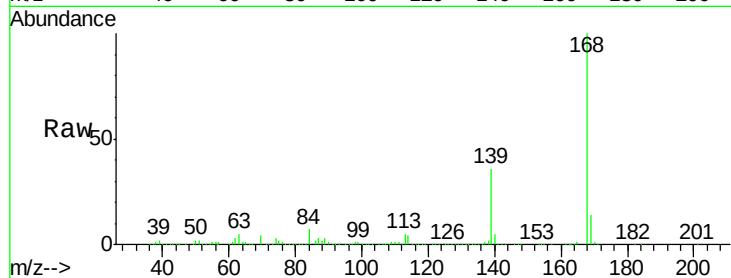




#55
Dibenzenofuran
Concen: 59.389 ng
RT: 15.08 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

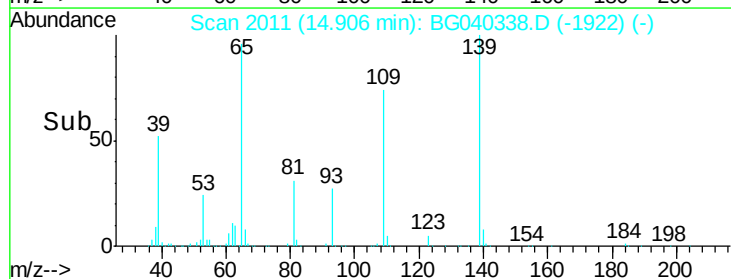
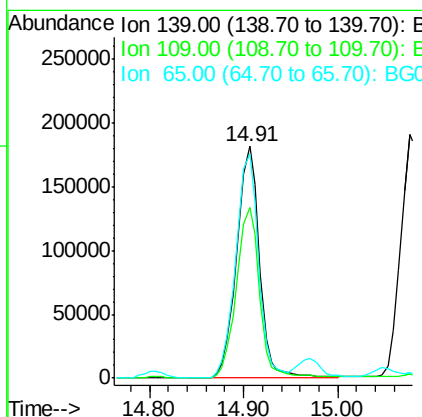
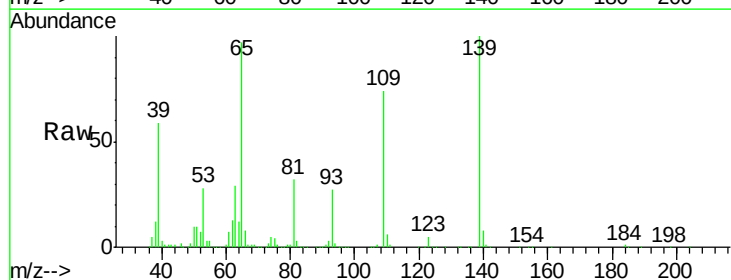
Instrument :
BNA_G
ClientSampleId :

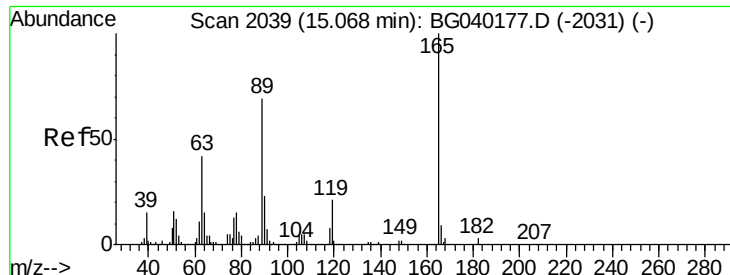
Tot Ion:168 Resp: 863822
Ion Ratio Lower Upper
168 100
139 36.0 27.9 41.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 134.003 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:139 Resp: 309268
Ion Ratio Lower Upper
139 100
109 73.8 54.3 94.3
65 96.9 82.5 122.5

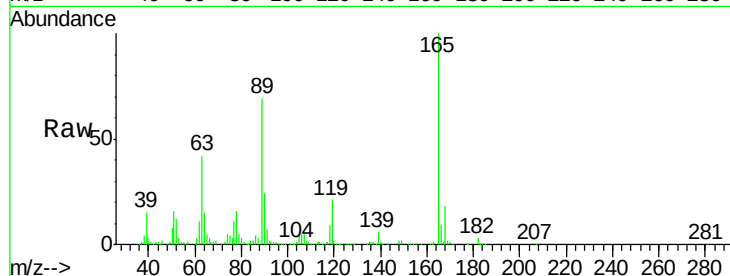




#57
 2,4-Dinitrotoluene
 Concen: 63.748 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		239292		
63	42.3			33.8	50.6
89	68.9			55.4	83.2
182	2.8			2.2	3.4

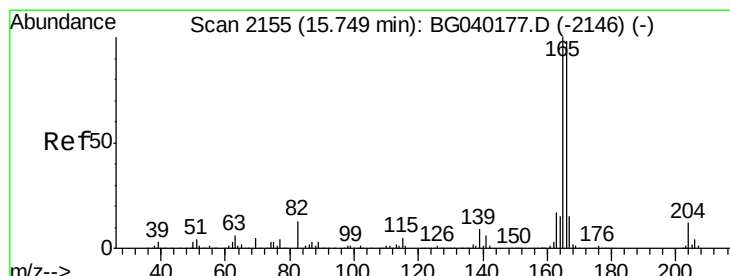
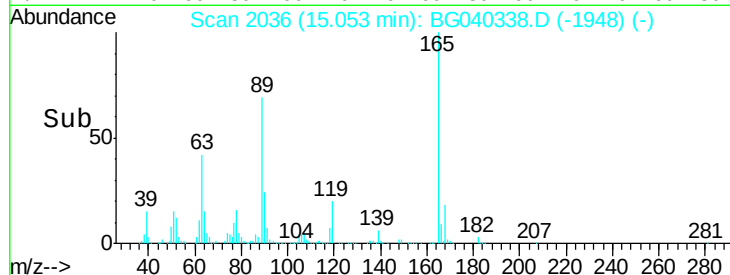
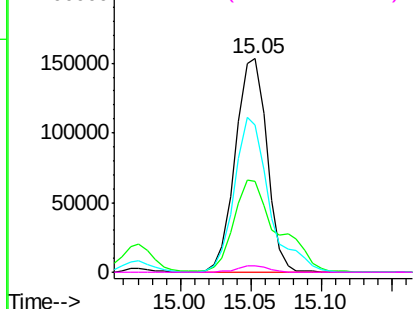


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

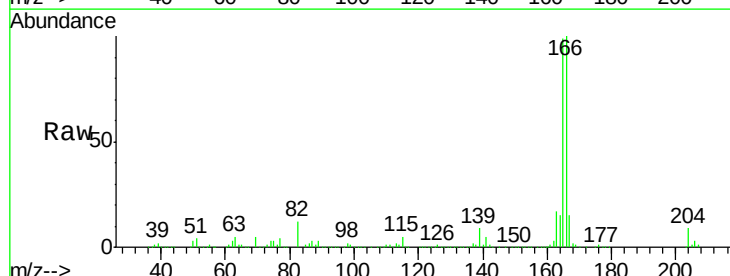
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 58.870 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

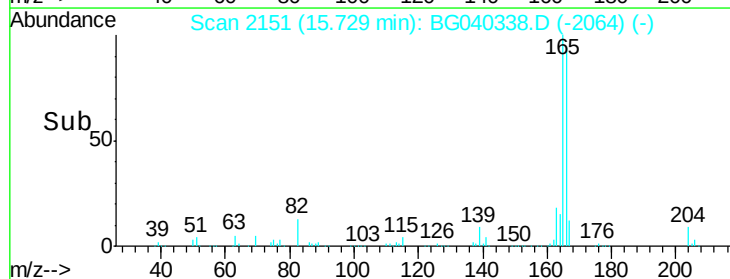
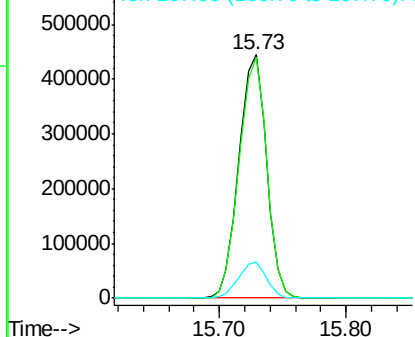
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		673212		
165	99.3			81.7	122.5
167	14.8			11.9	17.9

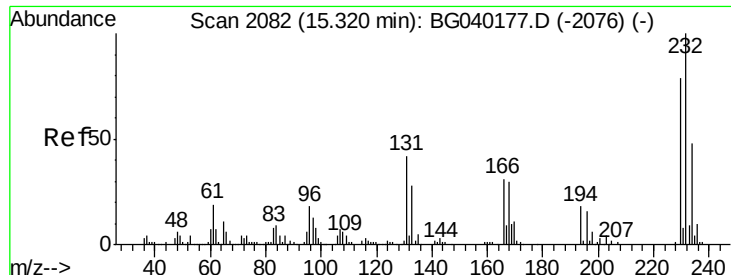


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

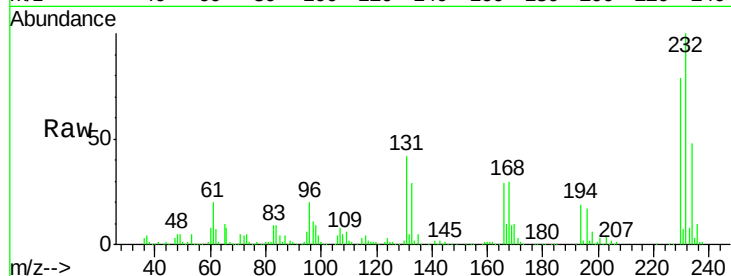




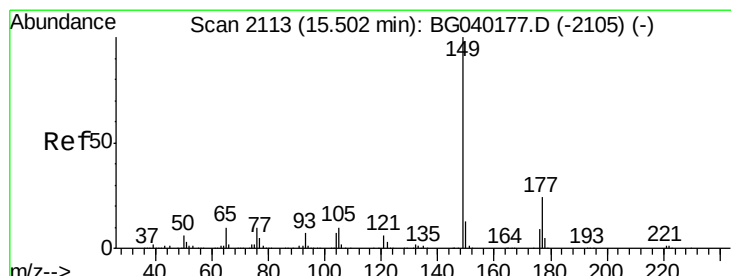
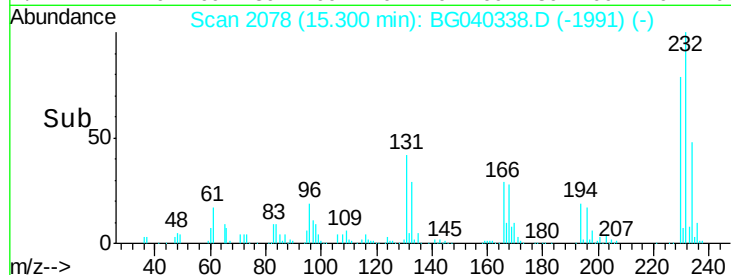
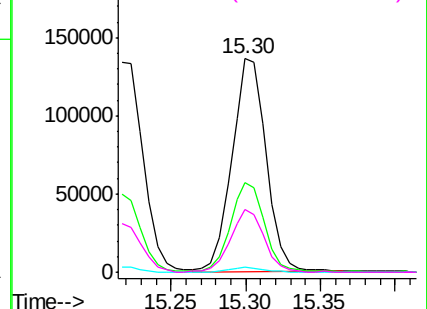
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 69.936 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	217906
Ion	Ratio	Lower	Upper
232	100		
131	41.7	32.9	49.3
130	2.4	1.8	2.8
166	28.3	23.5	35.3

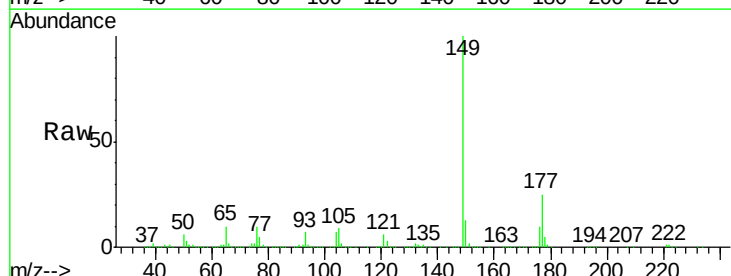


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

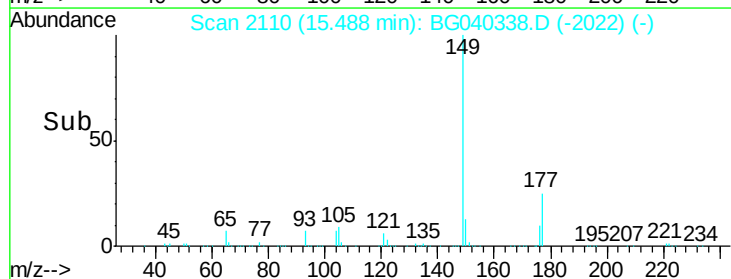
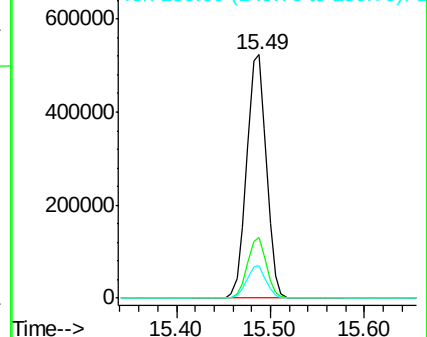


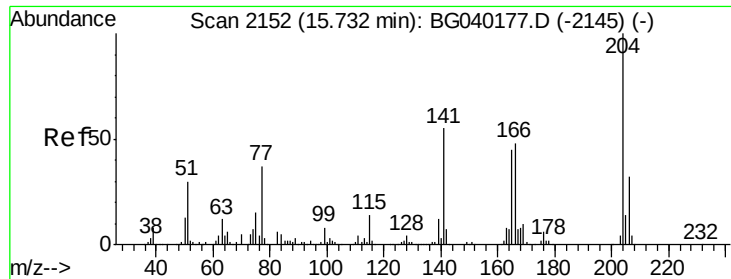
#60
 Diethylphthalate
 Concen: 61.552 ng
 RT: 15.49 min Scan# 2110
 Delta R.T. -0.01 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:	149	Resp:	757796
Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.1	28.7
150	13.1	10.6	15.8



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

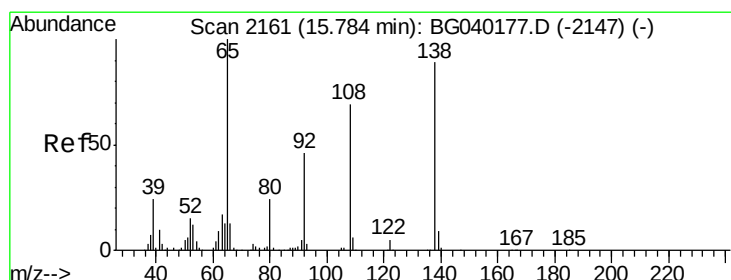
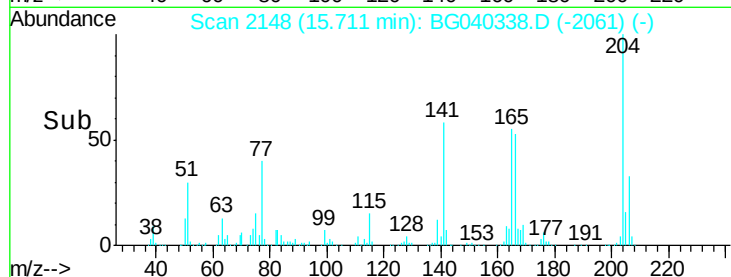
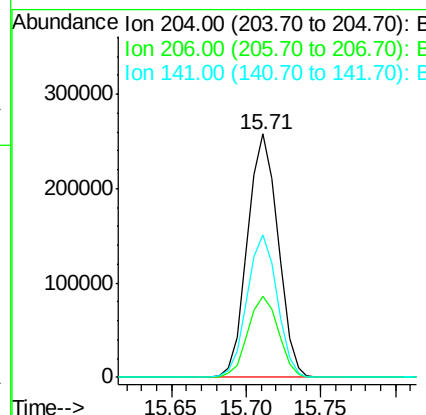
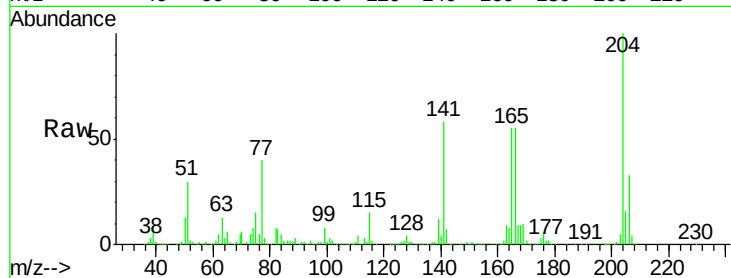




#61
4-Chlorophenyl-phenylether
Concen: 59.719 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

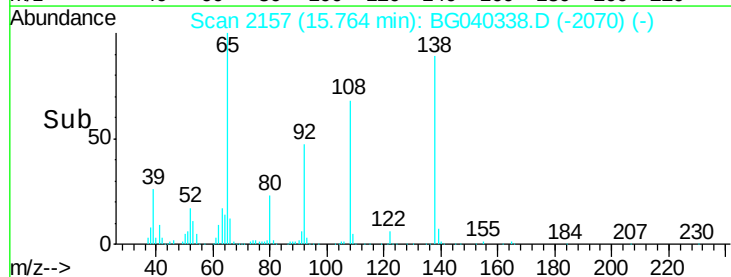
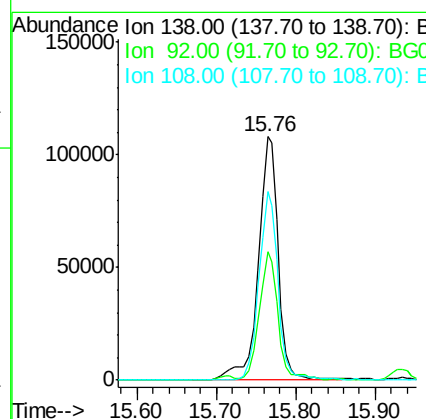
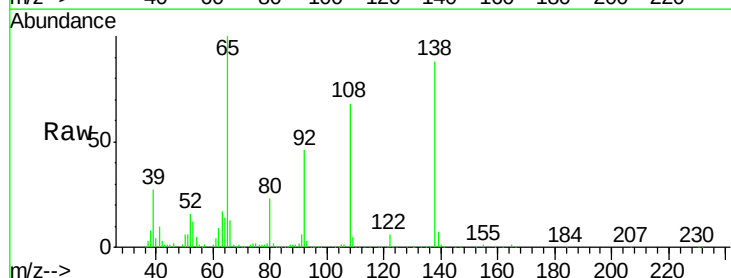
Instrument :
BNA_G
ClientSampled :

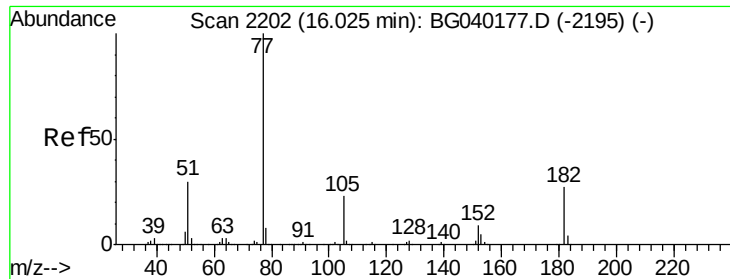
Tot Ion:204 Resp: 365041
Ion Ratio Lower Upper
204 100
206 33.3 25.7 38.5
141 58.3 44.0 66.0



#62
4-Nitroaniline
Concen: 61.610 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:138 Resp: 189069
Ion Ratio Lower Upper
138 100
92 52.8 31.8 71.8
108 77.5 57.2 97.2





#63

Azobenzene

Concen: 59.332 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

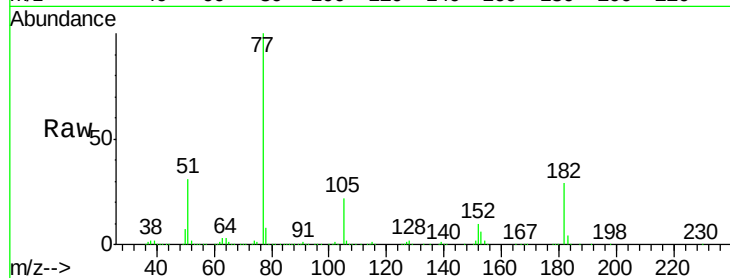
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 689023

Ion	Ratio	Lower	Upper
77	100		
182	28.7	7.2	47.2
105	22.2	2.8	42.8
51	30.8	10.4	50.4

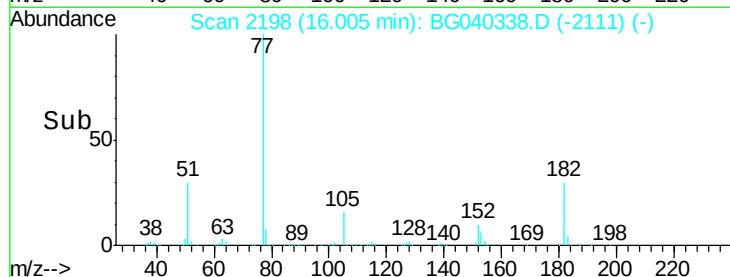


Abundance Ion 77.00 (76.70 to 77.70): BGC

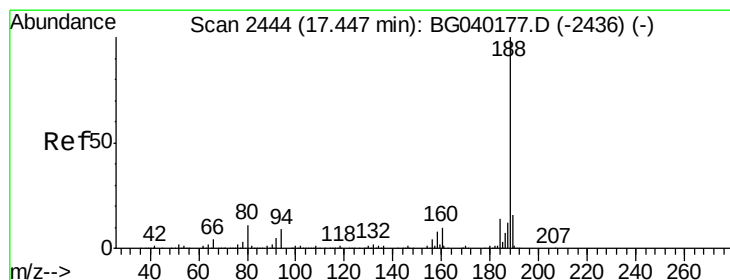
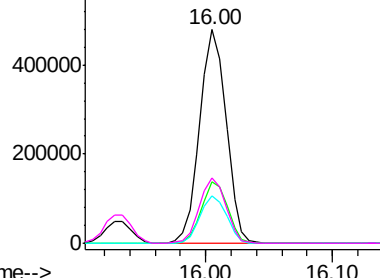
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2440

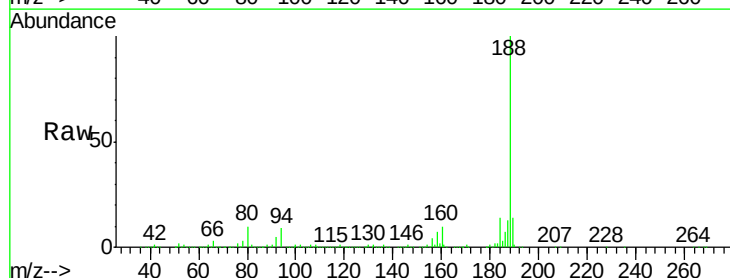
Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Tgt Ion: 188 Resp: 381993

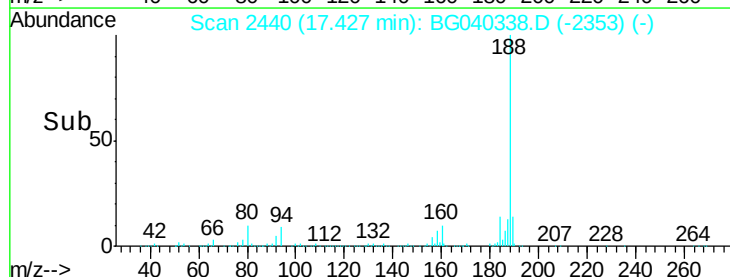
Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.0	10.4
80	9.7	8.6	13.0



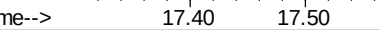
Abundance Ion 188.00 (187.70 to 188.70): BGC

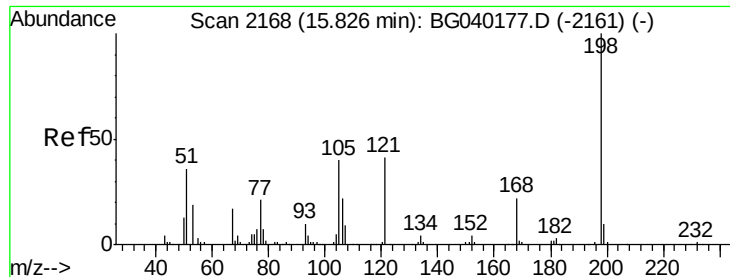
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 66.383 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

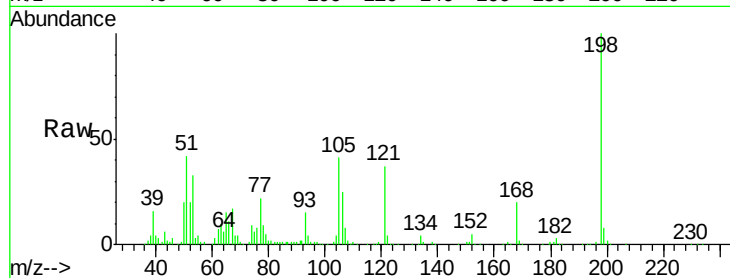
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 142465

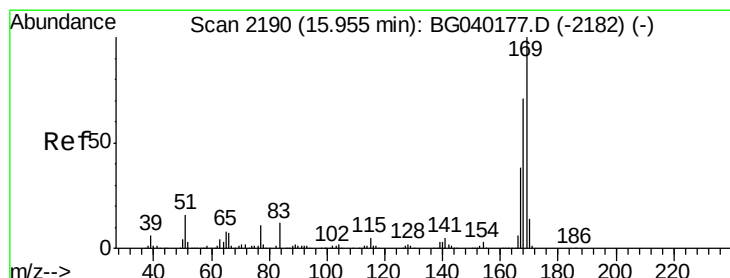
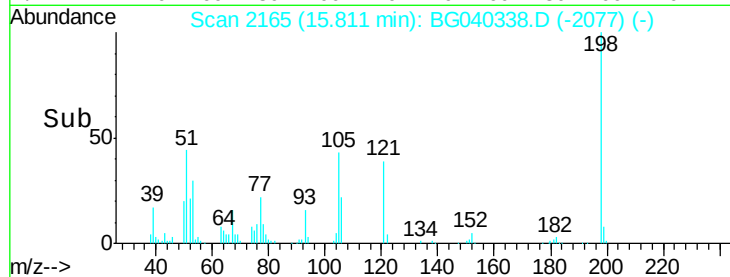
Ion	Ratio	Lower	Upper
198	100		
51	42.2	27.3	67.3
105	40.6	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 58.513 ng

RT: 15.93 min Scan# 2186

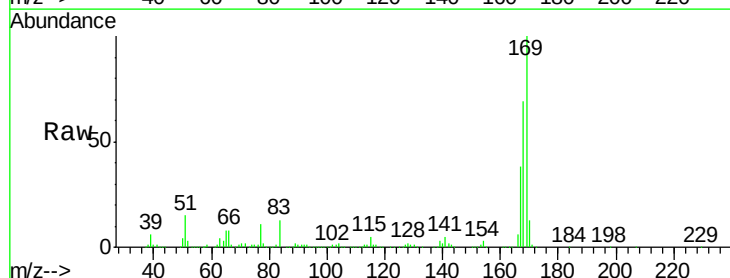
Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Tgt Ion:169 Resp: 654069

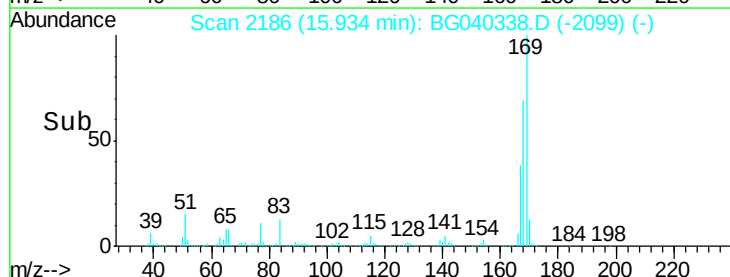
Ion	Ratio	Lower	Upper
169	100		
168	68.8	56.8	85.2
167	38.0	30.2	45.4

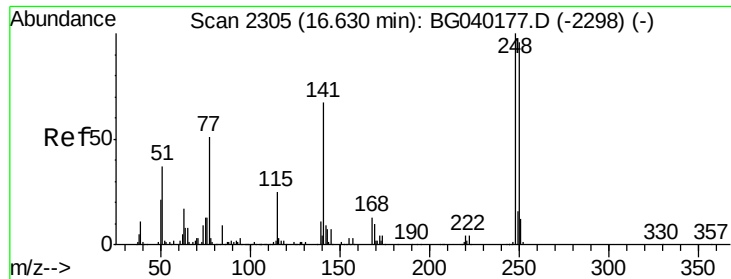


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

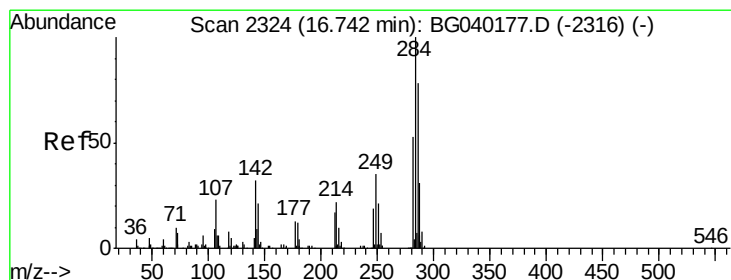
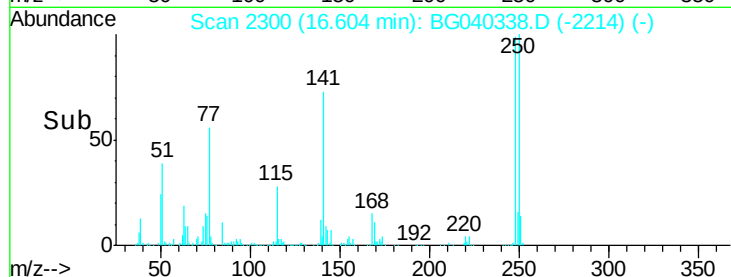
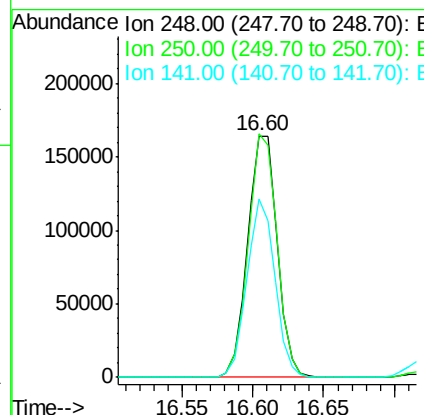
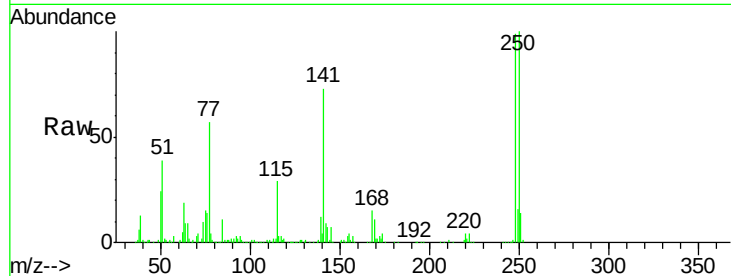




#67
 4-Bromophenyl-phenylether
 Concen: 56.228 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

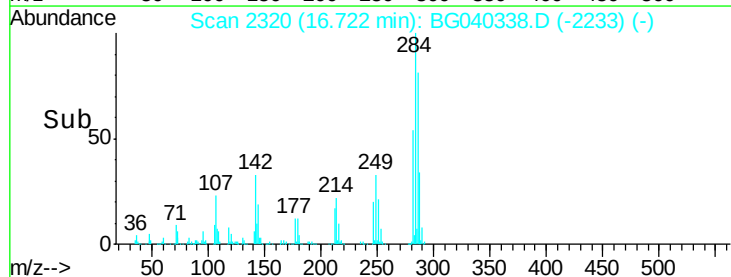
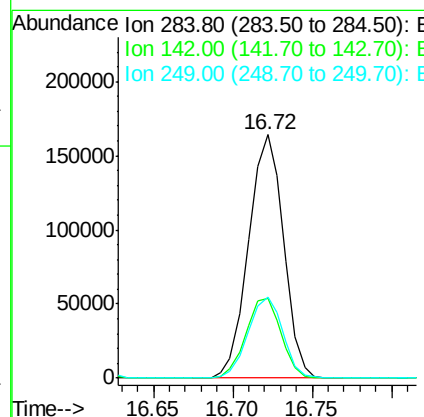
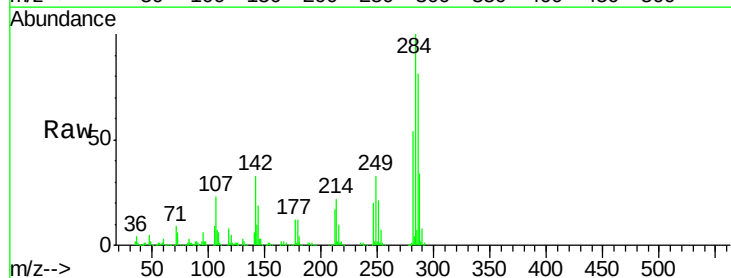
Instrument :
 BNA_G
 ClientSampleId :

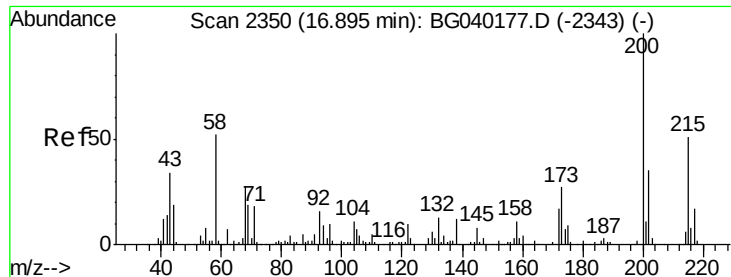
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.4	114.6
141	73.6	53.8	80.8



#68
 Hexachlorobenzene
 Concen: 58.257 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.3	37.9
249	33.3	28.2	42.2

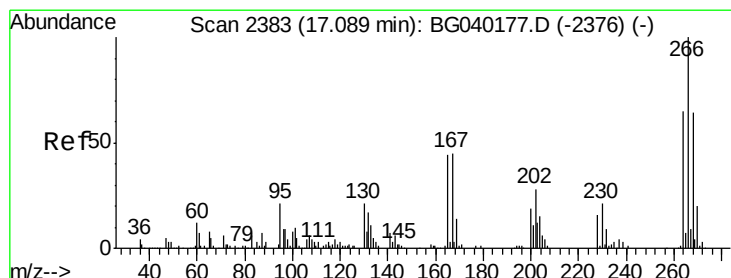
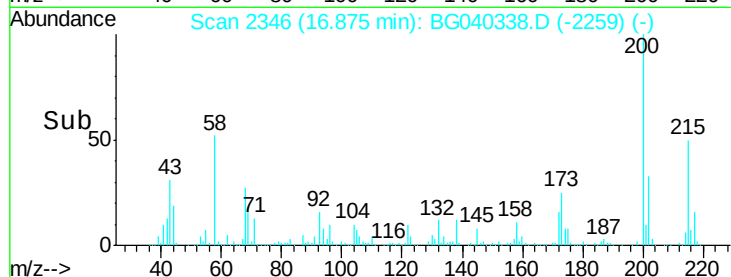
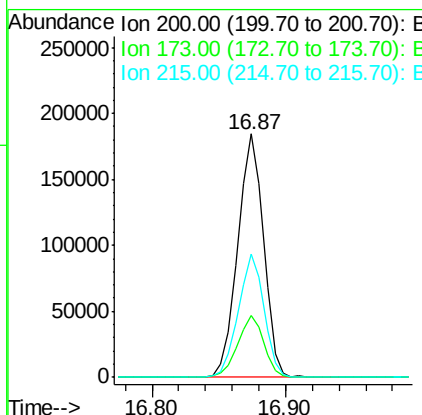
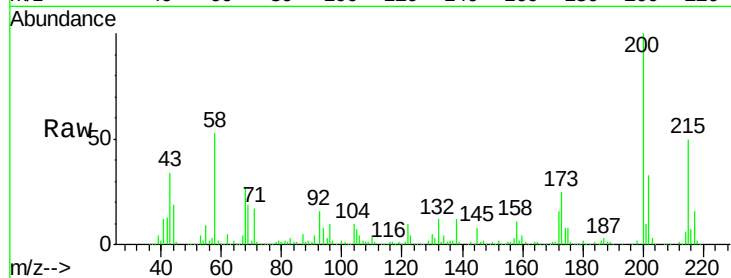




#69
 Atrazine
 Concen: 59.511 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

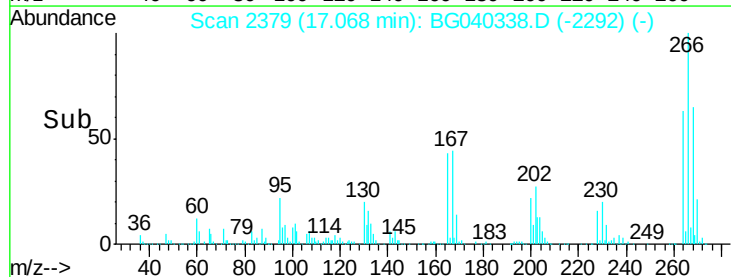
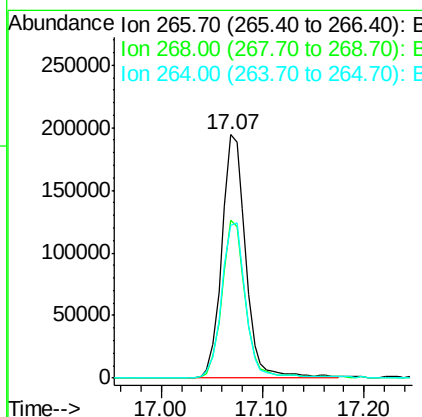
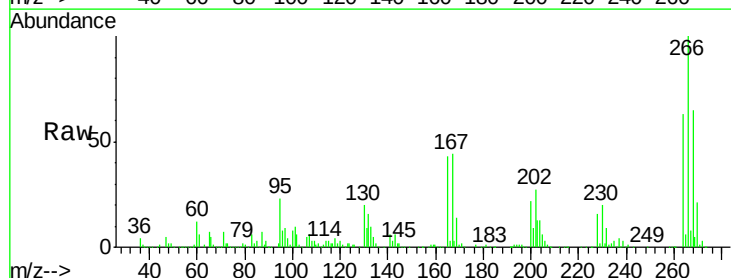
Instrument :
 BNA_G
 ClientSampleId :

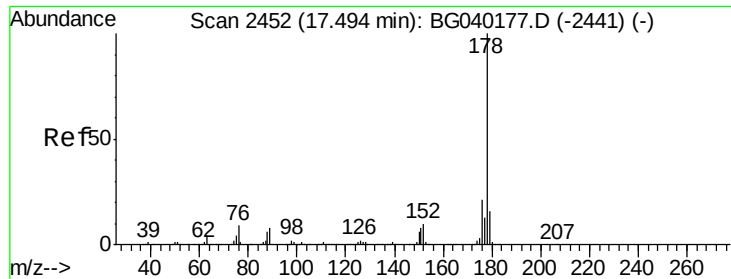
Tot Ion:200 Resp: 247459
 Ion Ratio Lower Upper
 200 100
 173 25.3 7.1 47.1
 215 50.5 30.9 70.9



#70
 Pentachlorophenol
 Concen: 127.557 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:266 Resp: 318744
 Ion Ratio Lower Upper
 266 100
 268 65.0 55.0 82.4
 264 62.9 51.8 77.8

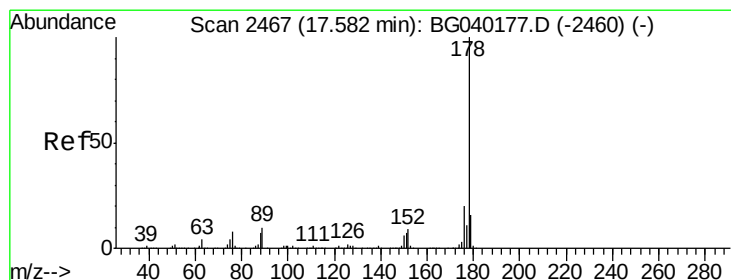
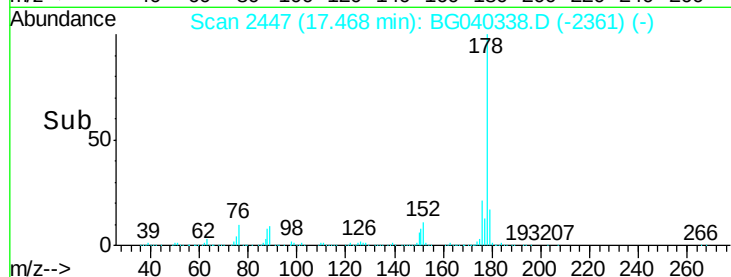
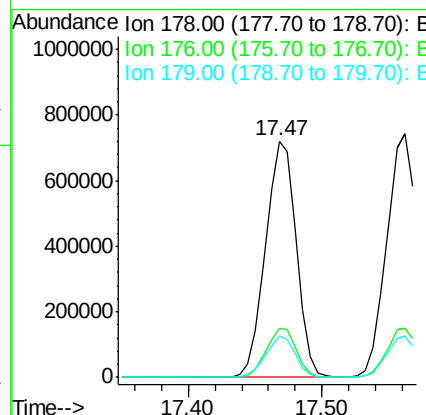
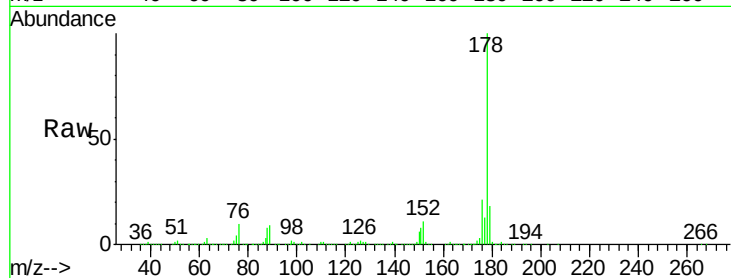




#71
Phenanthrene
Concen: 57.120 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

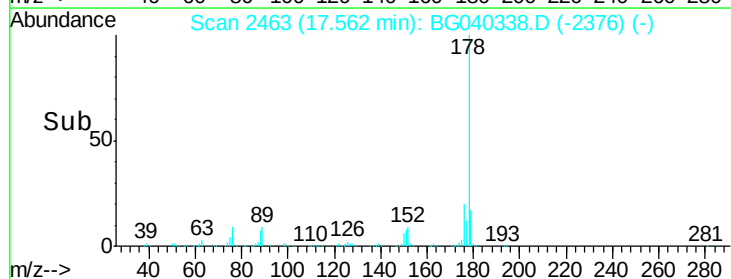
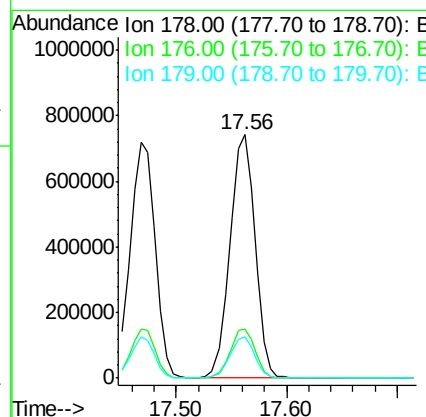
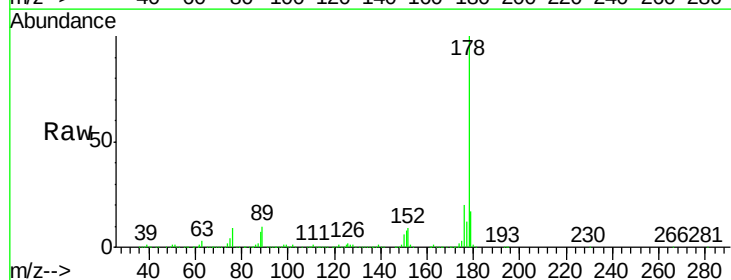
Instrument :
BNA_G
ClientSampled :

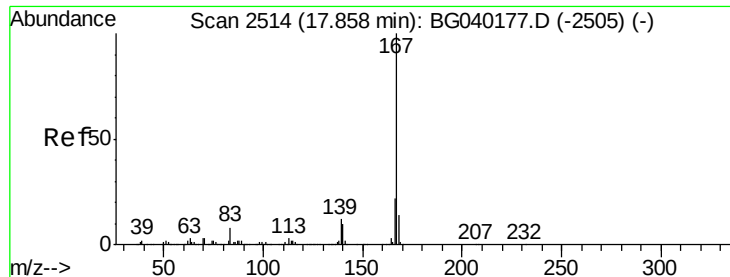
Tot Ion:178 Resp: 1146878
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 17.5 12.8 19.2



#72
Anthracene
Concen: 58.821 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:178 Resp: 1182104
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 17.0 12.9 19.3

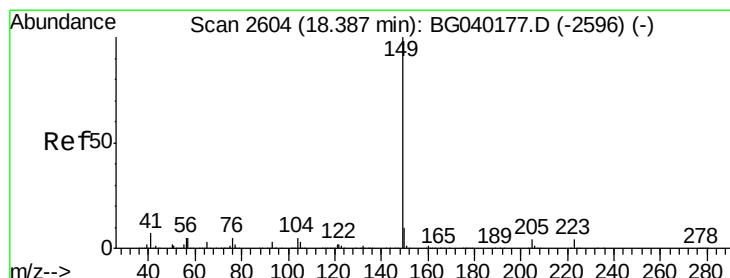
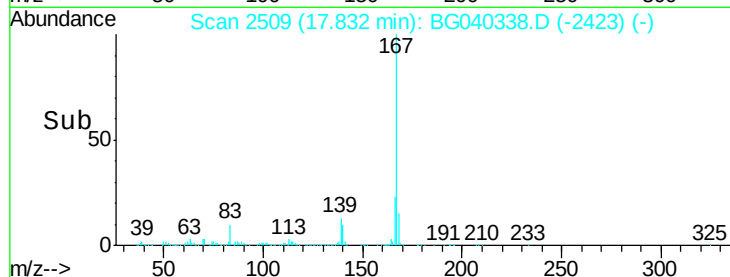
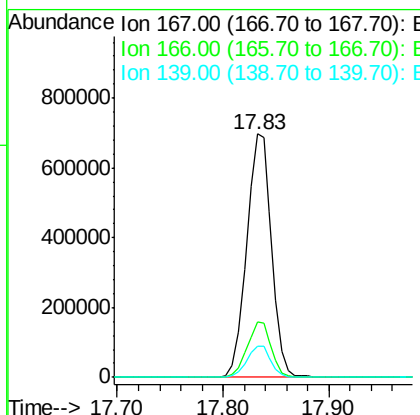
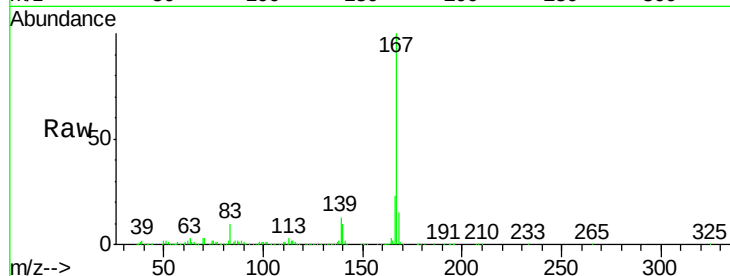




#73
 Carbazole
 Concen: 59.801 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

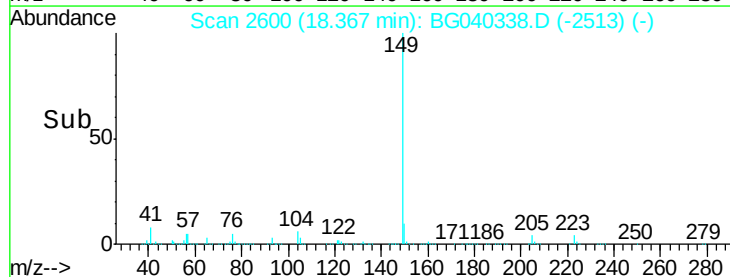
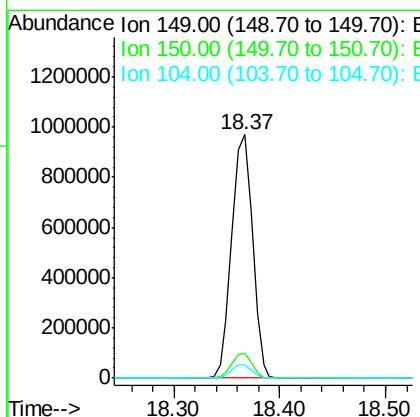
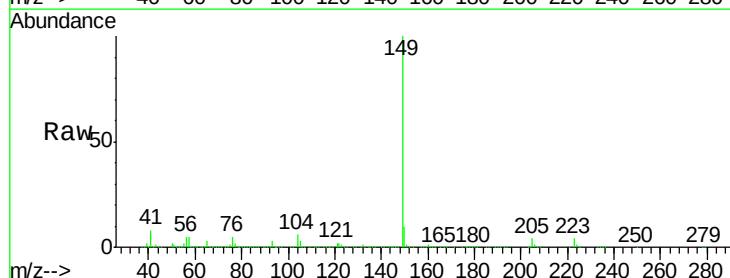
Instrument :
 BNA_G
 ClientSampleId :

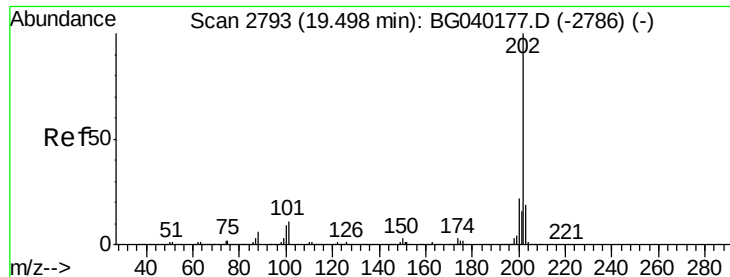
Tot Ion:167 Resp: 1137367
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.5 26.3
 139 13.0 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 58.603 ng
 RT: 18.37 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:149 Resp: 1321182
 Ion Ratio Lower Upper
 149 100
 150 10.3 7.9 11.9
 104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 59.892 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

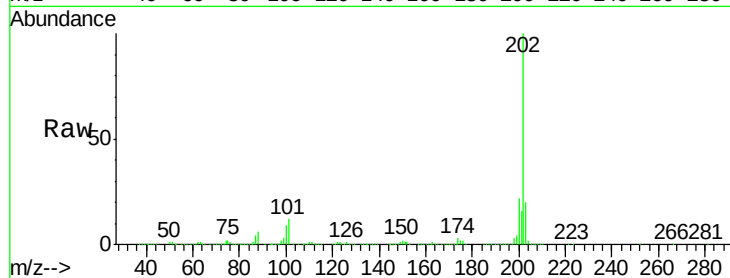
Tot Ion:202 Resp: 1423936

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.8

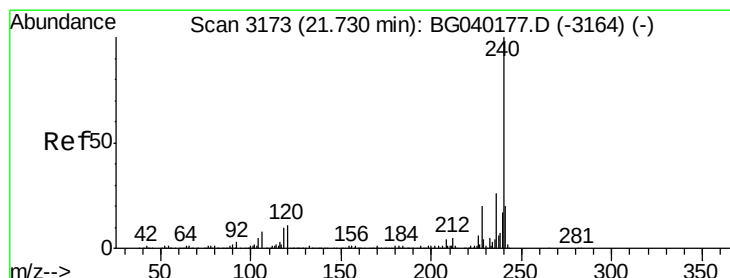
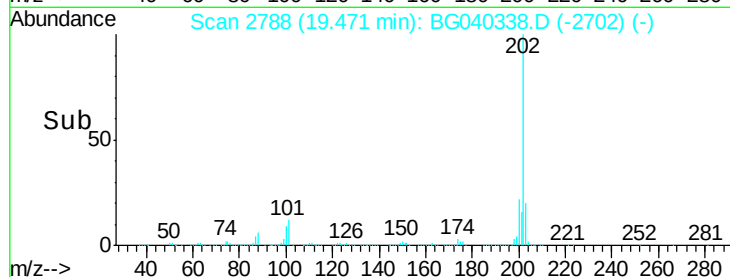
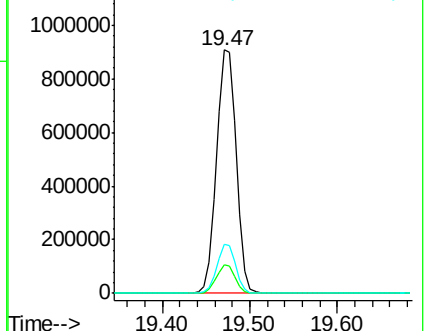
203 19.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

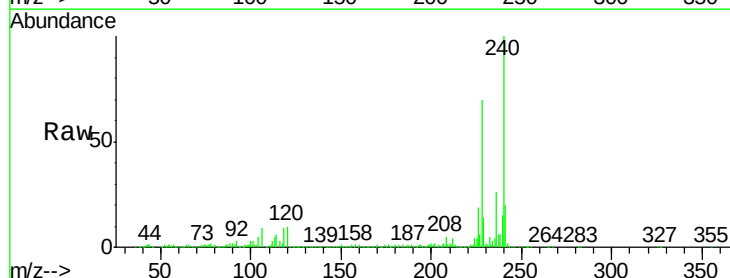
Tgt Ion:240 Resp: 390790

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

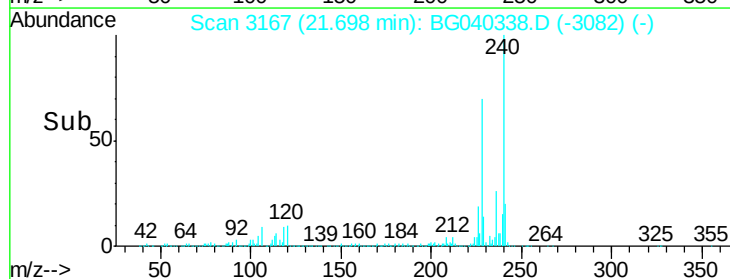
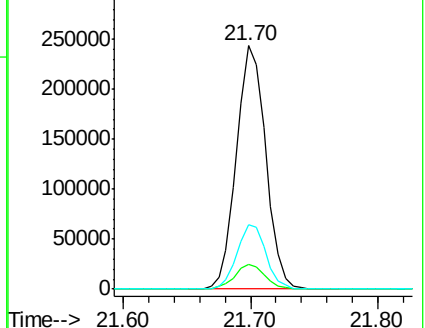
236 26.3 20.8 31.2

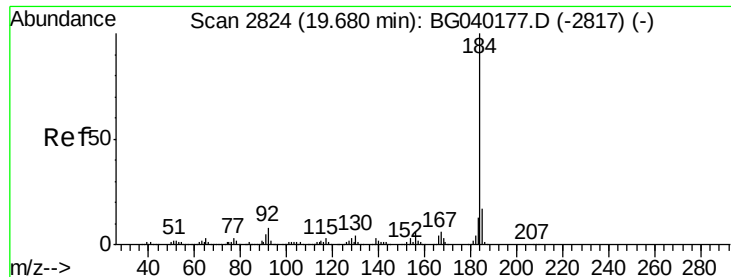


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.655 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

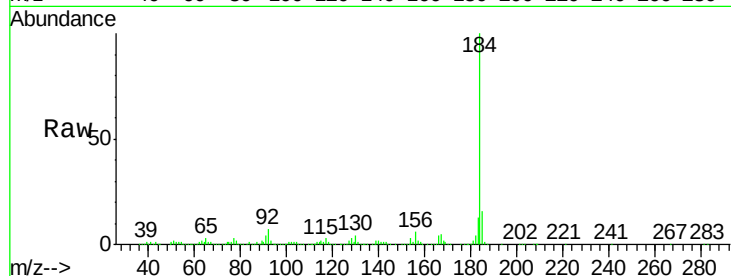
Tot Ion:184 Resp: 545489

Ion Ratio Lower Upper

184 100

185 15.7 13.3 19.9

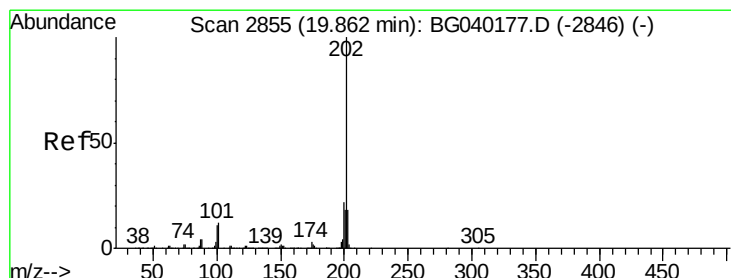
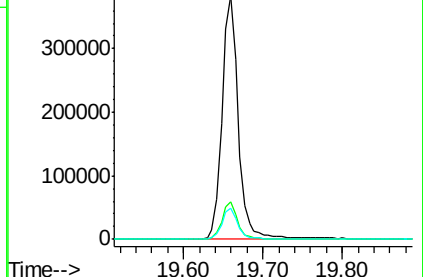
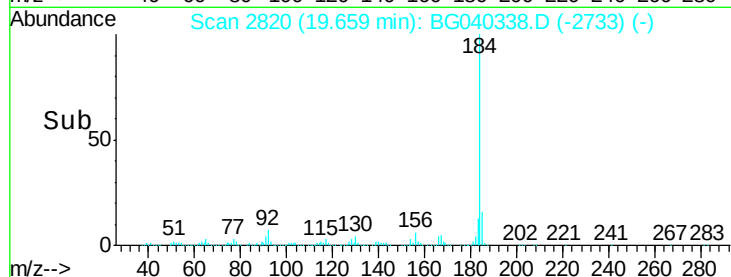
183 12.8 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.559 ng

RT: 19.84 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

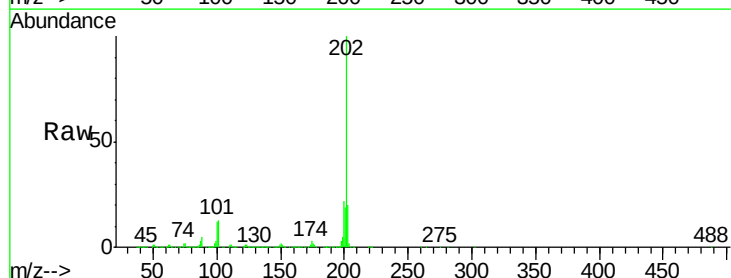
Tgt Ion:202 Resp: 1427809

Ion Ratio Lower Upper

202 100

200 22.5 17.3 25.9

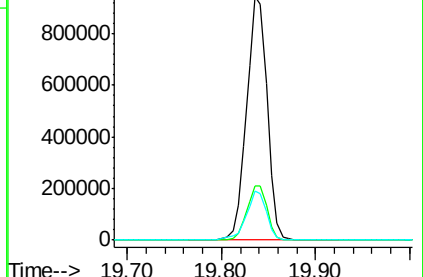
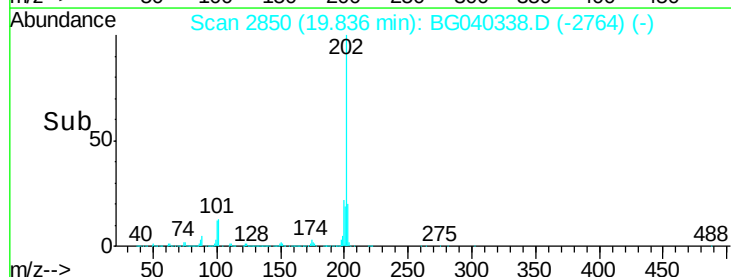
203 20.0 14.6 22.0

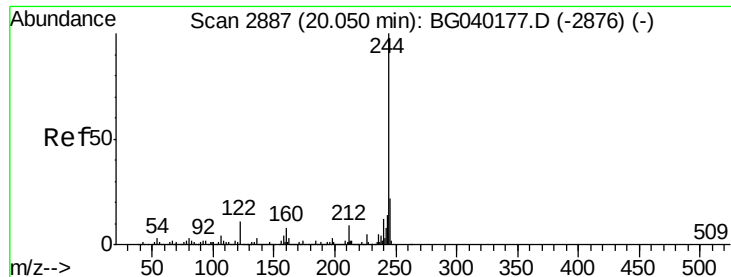


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 101.542 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

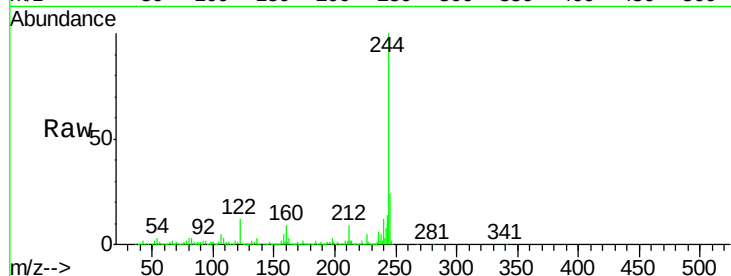
Tot Ion:244 Resp: 1763890

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

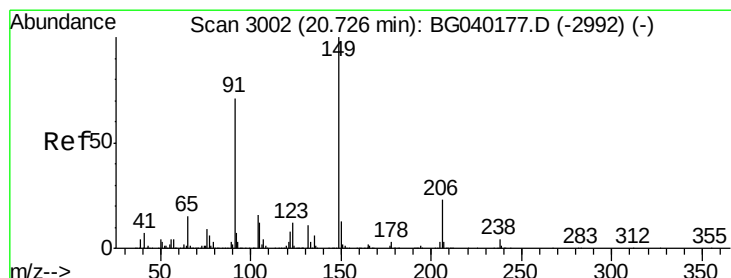
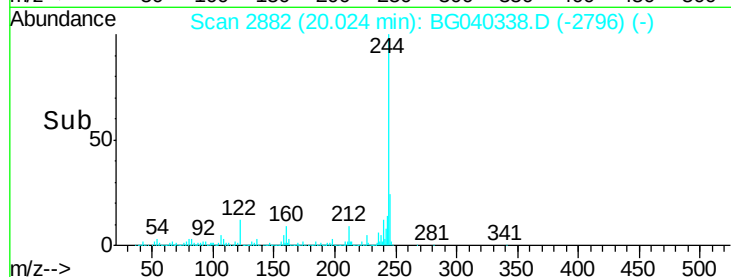
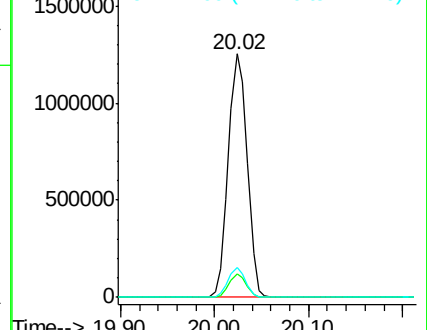
122 12.3 8.5 12.7



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



#80

Butylbenzylphthalate

Concen: 59.948 ng

RT: 20.71 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

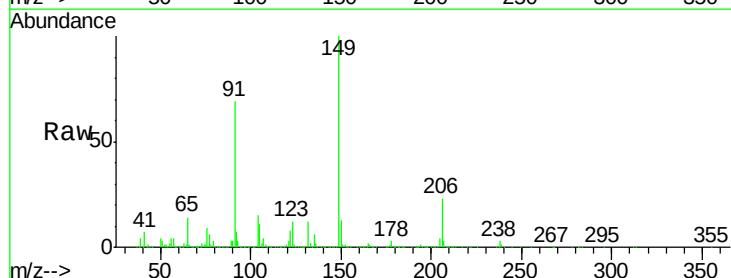
Tgt Ion:149 Resp: 659245

Ion Ratio Lower Upper

149 100

91 69.0 57.0 85.4

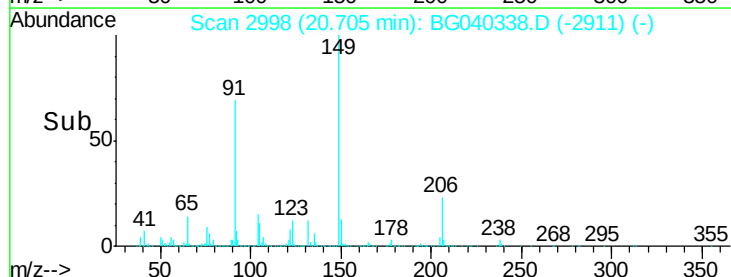
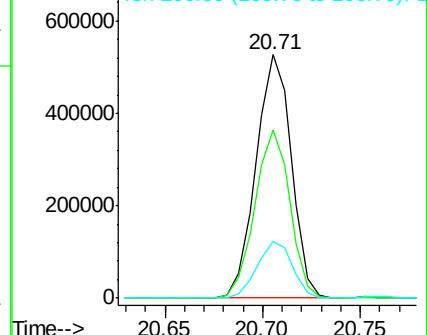
206 23.4 18.2 27.4

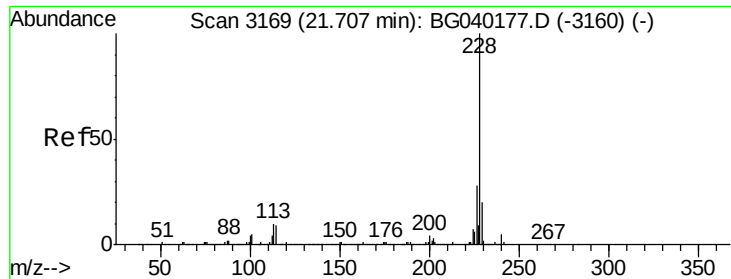


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.520 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

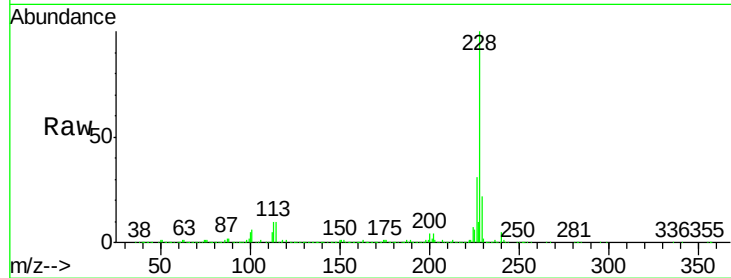
Tot Ion:228 Resp: 1336396

Ion Ratio Lower Upper

228 100

226 30.8 22.6 34.0

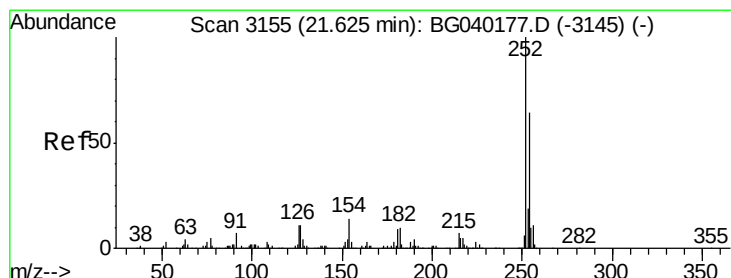
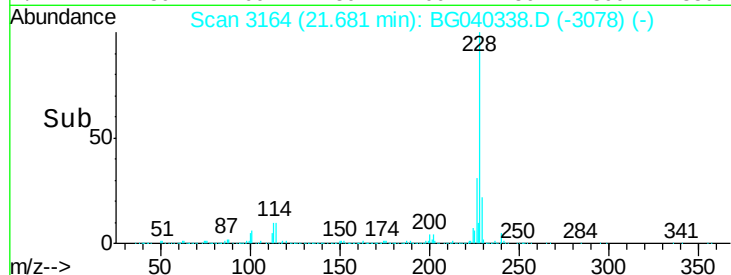
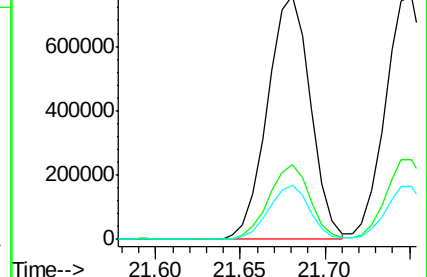
229 22.0 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.168 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

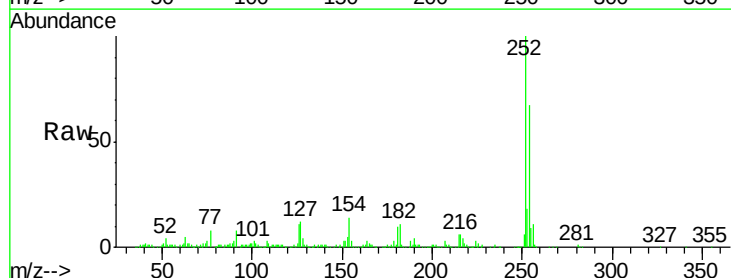
Tgt Ion:252 Resp: 248766

Ion Ratio Lower Upper

252 100

254 67.4 51.4 77.2

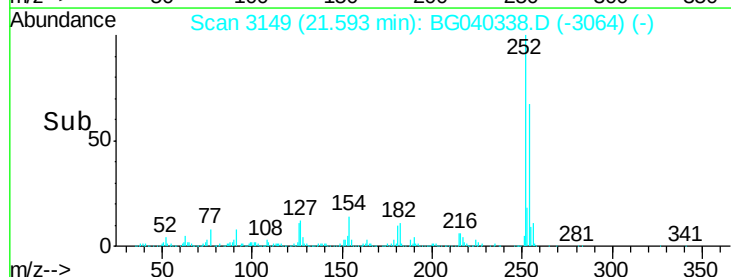
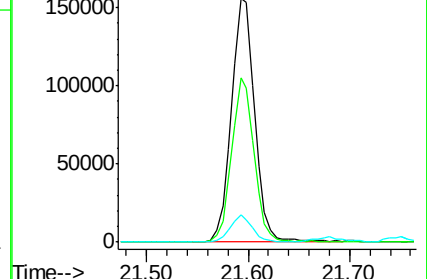
126 11.2 8.5 12.7

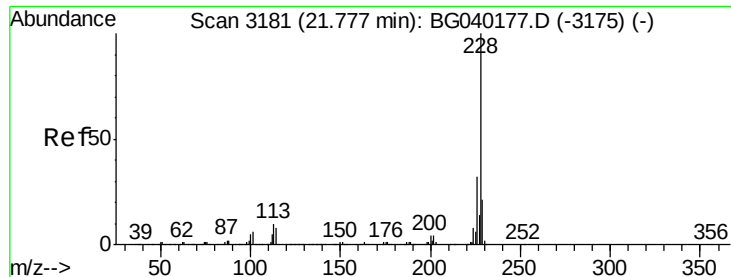


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

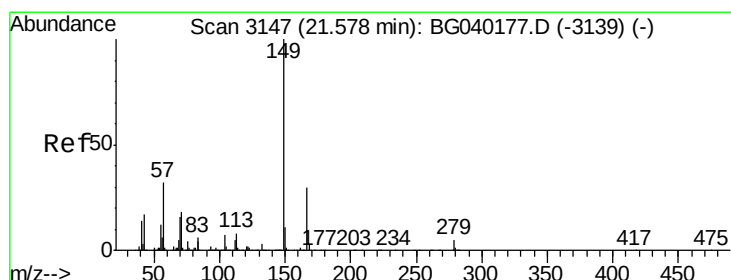
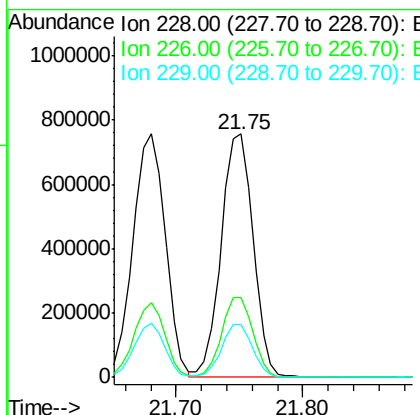
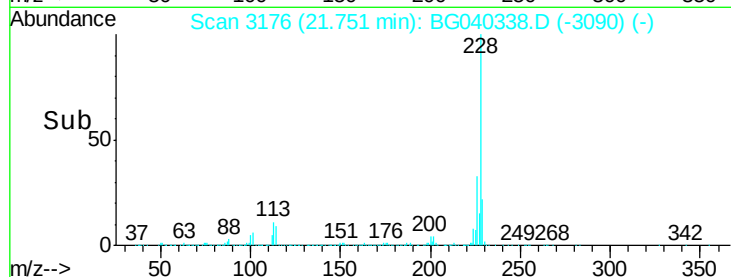
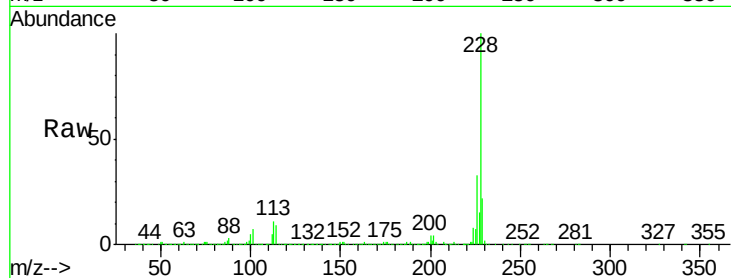




#83
 Chrysene
 Concen: 56.905 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

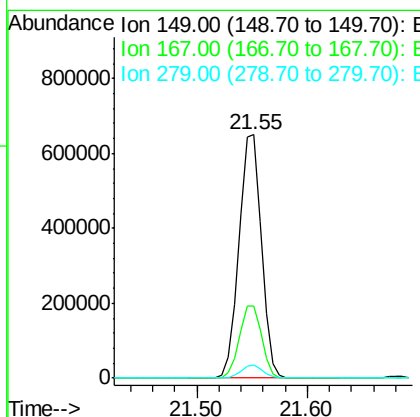
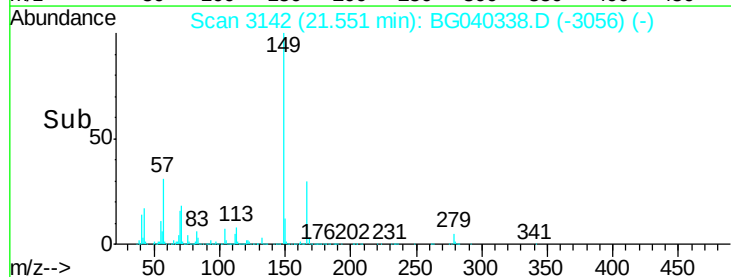
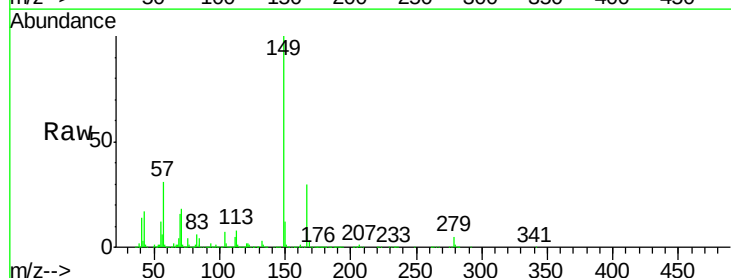
Instrument :
 BNA_G
 ClientSampleId :

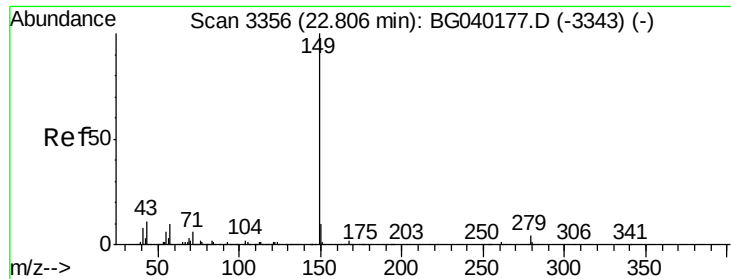
Tot Ion:228 Resp: 1316395
 Ion Ratio Lower Upper
 228 100
 226 33.0 25.4 38.0
 229 21.6 17.0 25.4



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.163 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.03 min
 Lab File: BG040338.D
 Acq: 3 Apr 2019 23:09

Tgt Ion:149 Resp: 930030
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.1 36.1
 279 5.2 4.1 6.1

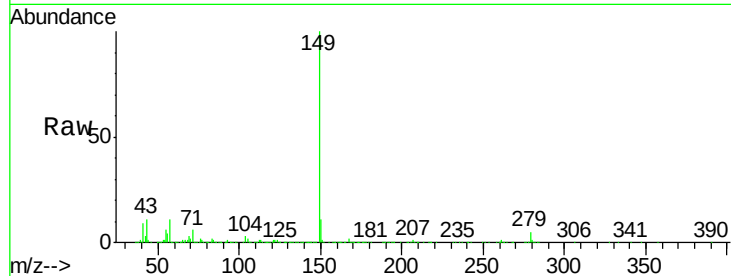




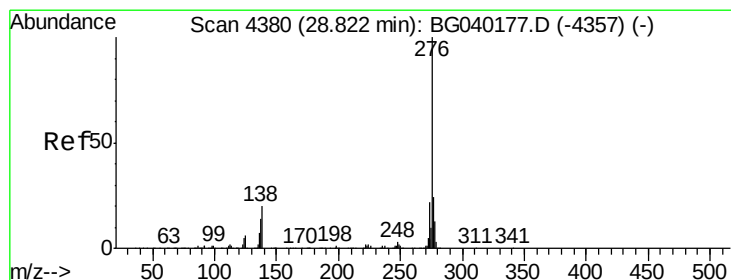
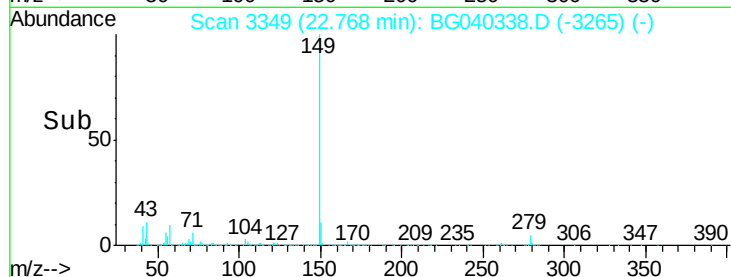
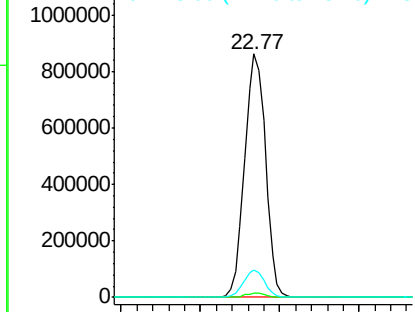
#85
Di-n-octyl phthalate
Concen: 58.977 ng
RT: 22.77 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1579553
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.7 13.1

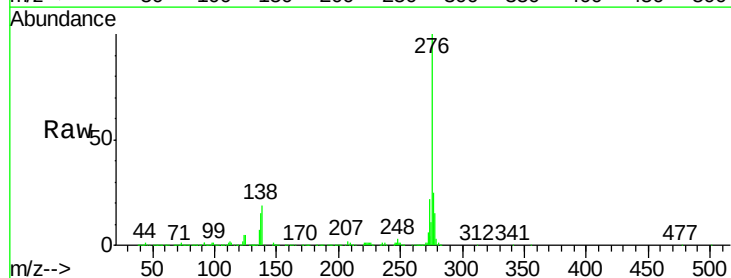


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

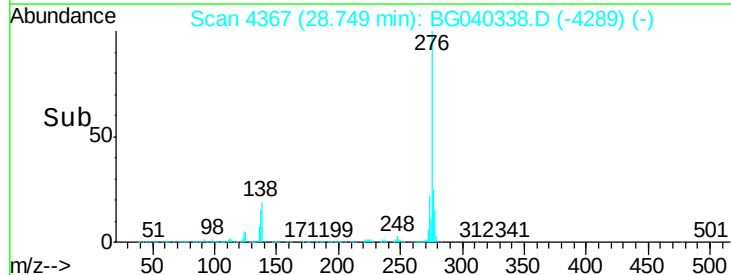
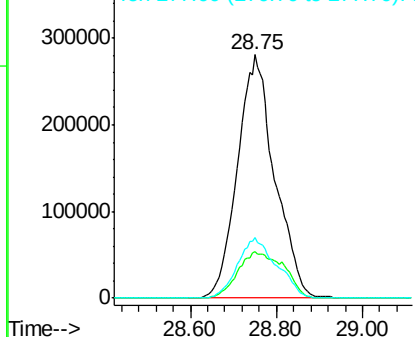


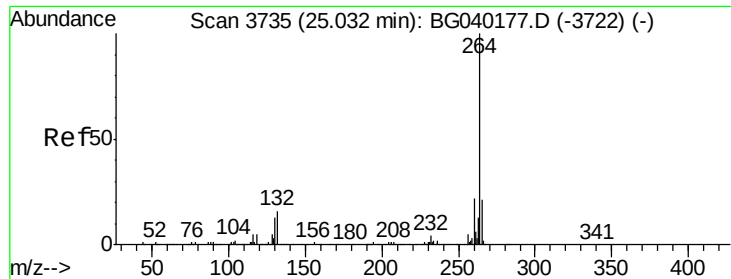
#86
Indeno(1,2,3-cd)pyrene
Concen: 60.056 ng
RT: 28.75 min Scan# 4367
Delta R.T. -0.07 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:276 Resp: 1699182
Ion Ratio Lower Upper
276 100
138 23.6 18.8 28.2
277 26.0 21.0 31.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3725

Delta R.T. -0.06 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

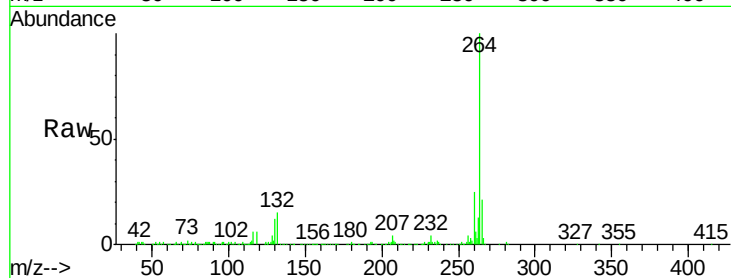
Tot Ion:264 Resp: 411250

Ion Ratio Lower Upper

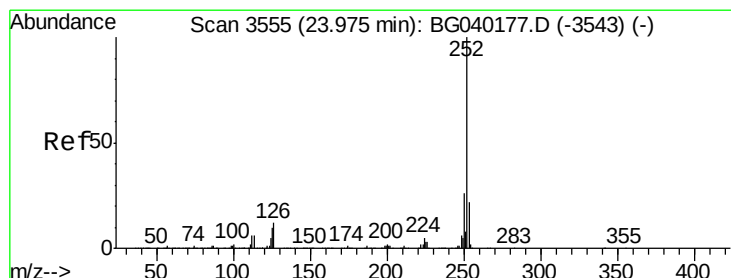
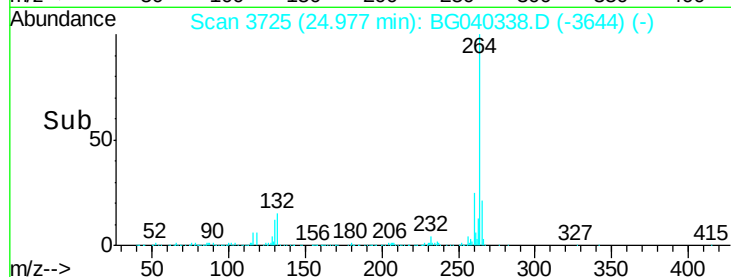
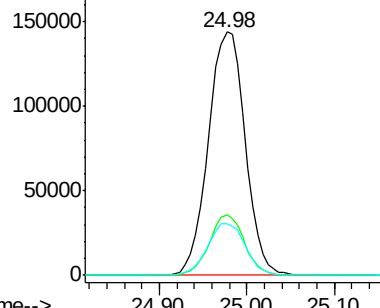
264 100

260 24.7 17.9 26.9

265 21.2 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 57.969 ng

RT: 23.93 min Scan# 3547

Delta R.T. -0.04 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

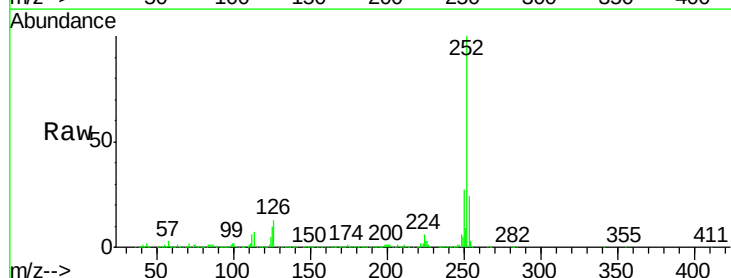
Tgt Ion:252 Resp: 1459563

Ion Ratio Lower Upper

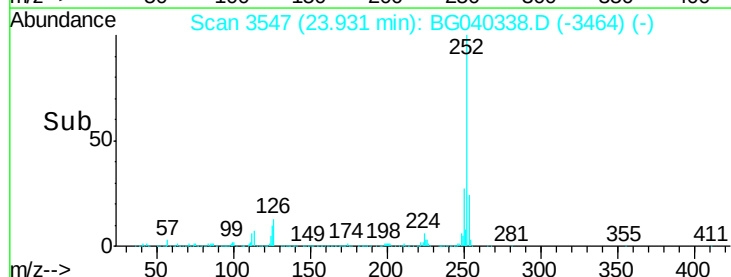
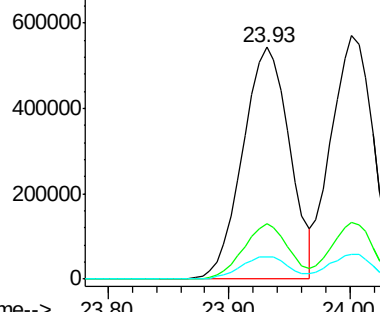
252 100

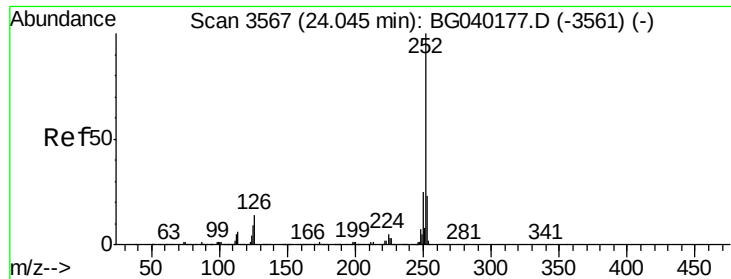
253 23.8 17.6 26.4

125 9.8 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

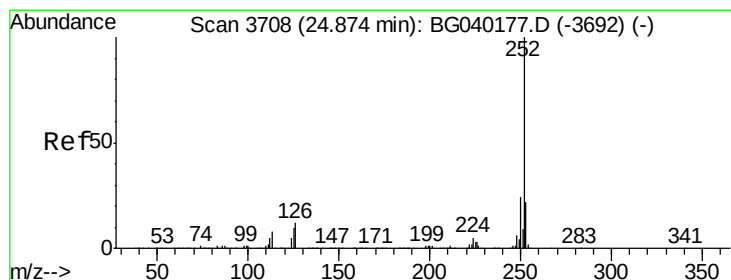
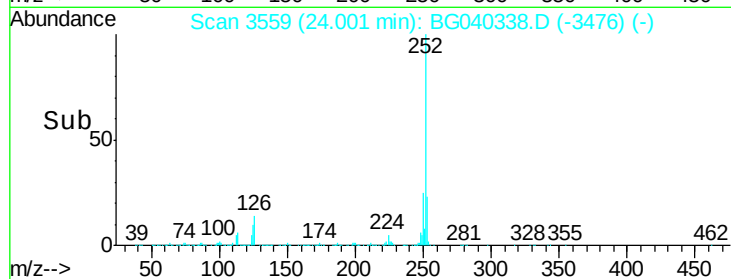
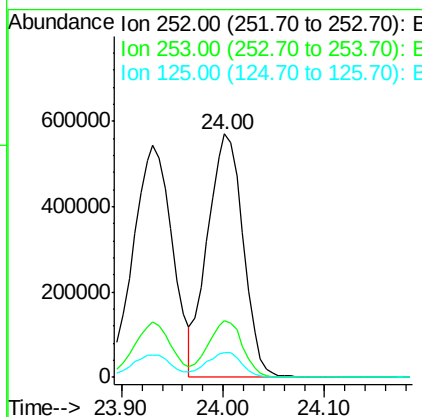
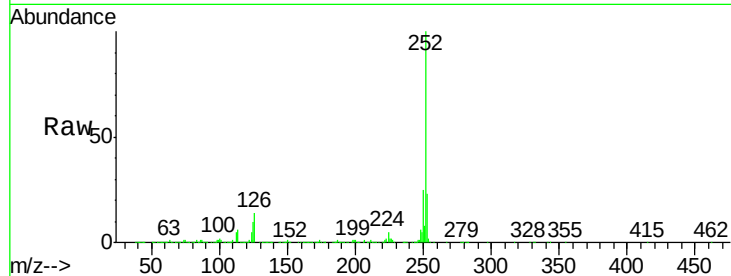




#89
Benzo(k)fluoranthene
Concen: 59.859 ng
RT: 24.00 min Scan# 3559
Delta R.T. -0.04 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

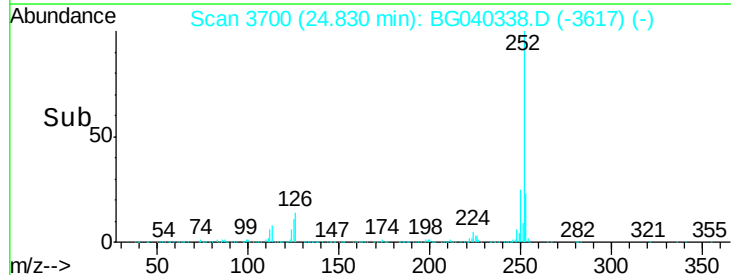
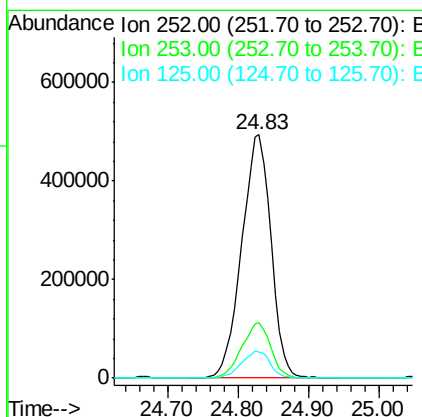
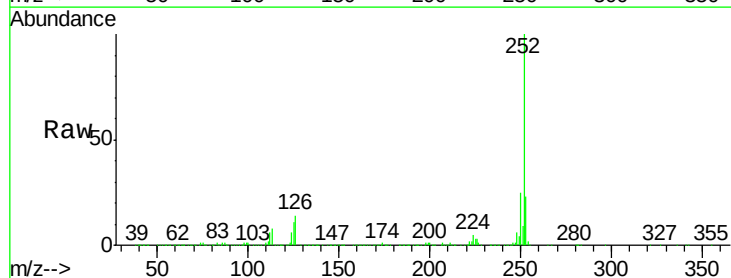
Instrument :
BNA_G
ClientSampleId :

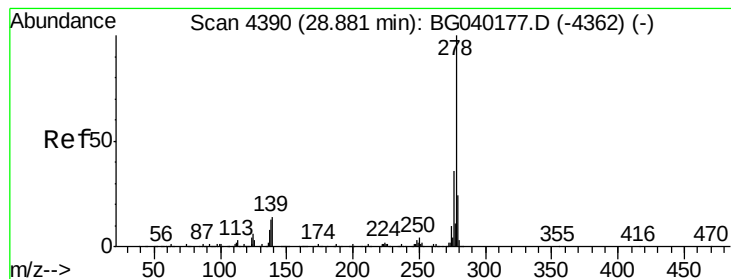
Tot Ion:252 Resp: 1385988
Ion Ratio Lower Upper
252 100
253 23.3 18.6 28.0
125 10.0 7.3 10.9



#90
Benzo(a)pyrene
Concen: 60.425 ng
RT: 24.83 min Scan# 3700
Delta R.T. -0.04 min
Lab File: BG040338.D
Acq: 3 Apr 2019 23:09

Tgt Ion:252 Resp: 1427472
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 10.8 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 62.760 ng

RT: 28.81 min Scan# 4378

Delta R.T. -0.07 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

Instrument :

BNA_G

ClientSampleId :

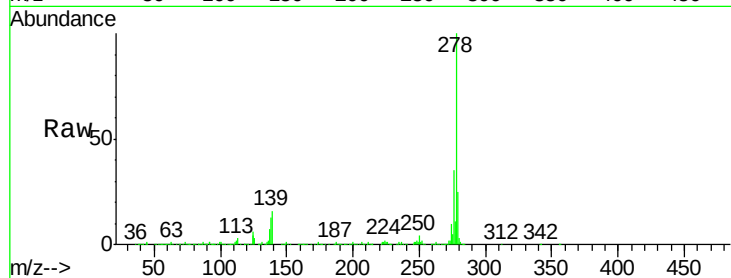
Tot Ion:278 Resp: 1377002

Ion Ratio Lower Upper

278 100

139 15.6 11.2 16.8

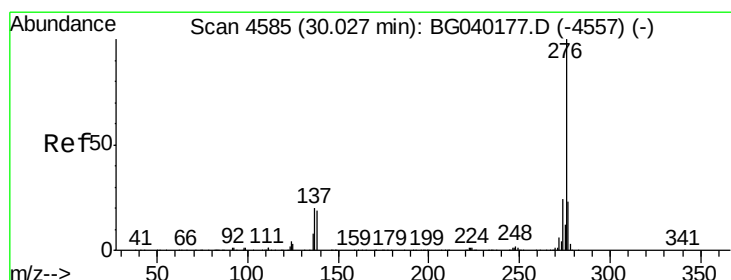
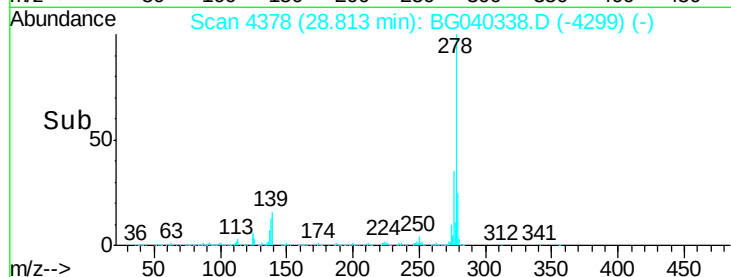
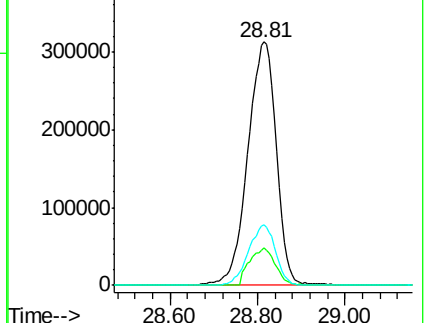
279 24.8 18.9 28.3



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



#92

Benzo(g,h,i)perylene

Concen: 62.987 ng

RT: 29.94 min Scan# 4569

Delta R.T. -0.09 min

Lab File: BG040338.D

Acq: 3 Apr 2019 23:09

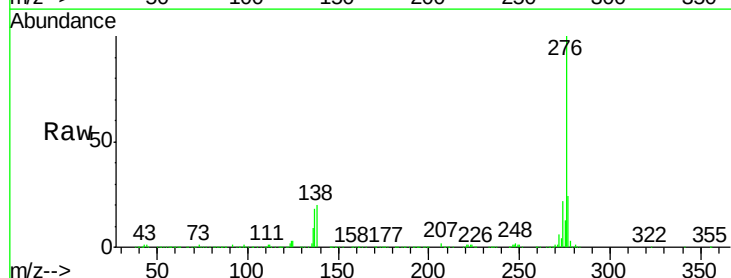
Tgt Ion:276 Resp: 1420266

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 19.7 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

