

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
 Data File : BG040451.D
 Acq On : 11 Apr 2019 21:29
 Operator : JU/SJ
 Sample : PB118783BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Quant Time: Apr 12 01:27:31 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	8.04	152	70097	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	280422	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	174211	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	435340	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	423322	20.00	ng	-0.03
87) Perylene-d12	24.97	264	412470	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	559932	132.79	ng	-0.02
7) Phenol-d6	7.21	99	746848	128.16	ng	-0.02
23) Nitrobenzene-d5	9.22	82	403161	76.42	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	268432	142.57	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	883946	75.18	ng	-0.02
79) Terphenyl-d14	20.02	244	1389174	73.82	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	103960	52.433	ng	99
3) Pyridine	3.89	79	179861	33.692	ng	98
4) n-Nitrosodimethylamine	3.82	42	93830	37.998	ng	# 86
6) Aniline	7.38	93	220467	29.120	ng	96
8) 2-Chlorophenol	7.61	128	201482	40.820	ng	97
9) Benzaldehyde	7.19	77	77930	19.496	ng	98
10) Phenol	7.24	94	263664	41.685	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	199680	39.415	ng	96
12) 1,3-Dichlorobenzene	7.93	146	207604	38.691	ng	96
13) 1,4-Dichlorobenzene	8.08	146	214683	40.172	ng	99
14) 1,2-Dichlorobenzene	8.40	146	204633	40.041	ng	99
15) Benzyl Alcohol	8.29	79	179171	38.178	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	374099	38.477	ng	98
17) 2-Methylphenol	8.48	107	181133	41.384	ng	99
18) Hexachloroethane	9.12	117	77684	38.216	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	153416	36.719	ng	96
20) 3+4-Methylphenols	8.81	107	242315	40.867	ng	99
22) Acetophenone	8.88	105	307022	43.891	ng	# 95
24) Nitrobenzene	9.26	77	229219	41.957	ng	96
25) Isophorone	9.77	82	434539	40.031	ng	99
26) 2-Nitrophenol	9.97	139	112650	43.517	ng	95
27) 2,4-Dimethylphenol	10.02	122	203879	49.583	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	264180	41.135	ng	98
29) 2,4-Dichlorophenol	10.50	162	200104	44.834	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	209484	42.745	ng	97
31) Naphthalene	10.91	128	605598	42.132	ng	99
32) Benzoic acid	10.17	122	71064	28.604	ng	97
33) 4-Chloroaniline	11.03	127	156994	25.606	ng	97
34) Hexachlorobutadiene	11.17	225	125722	40.112	ng	98
35) Caprolactam	11.82	113	73163	41.307	ng	99
36) 4-Chloro-3-methylphenol	12.14	107	223852	43.627	ng	99
37) 2-Methylnaphthalene	12.51	142	453853	42.693	ng	99
38) 1-Methylnaphthalene	12.73	142	435469	42.244	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	228981	41.354	ng	99

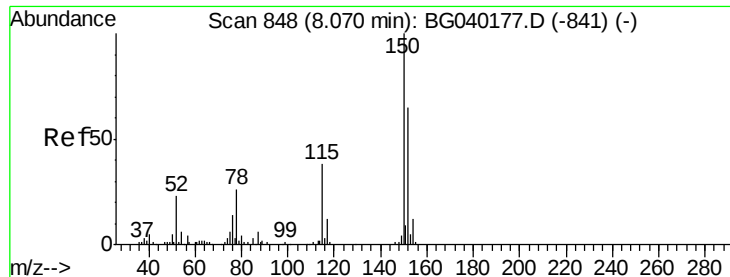
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	257763	84.784	ng	94
43) 2,4,6-Trichlorophenol	13.11	196	165167	46.267	ng	97
44) 2,4,5-Trichlorophenol	13.19	196	171621	44.106	ng	96
46) 1,1'-Biphenyl	13.51	154	579245	42.081	ng	100
47) 2-Chloronaphthalene	13.56	162	449210	42.545	ng	100
48) 2-Nitroaniline	13.77	65	158601	44.532	ng	92
49) Acenaphthylene	14.40	152	739696	41.319	ng	99
50) Dimethylphthalate	14.13	163	578585	42.436	ng	99
51) 2,6-Dinitrotoluene	14.26	165	135236	44.174	ng	98
52) Acenaphthene	14.74	154	433005	42.211	ng	97
53) 3-Nitroaniline	14.60	138	104036	32.104	ng	88
54) 2,4-Dinitrophenol	14.80	184	122174	75.039	ng	94
55) Dibenzofuran	15.07	168	704455	42.738	ng	99
56) 4-Nitrophenol	14.90	139	212528	81.259	ng	96
57) 2,4-Dinitrotoluene	15.04	165	193069	45.387	ng	100
58) Fluorene	15.72	166	554756	42.807	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	167119	47.329	ng	99
60) Diethylphthalate	15.48	149	598476	42.895	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	298606	43.107	ng	99
62) 4-Nitroaniline	15.76	138	148807	42.789	ng	97
63) Azobenzene	16.00	77	570575	43.356	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	104652	42.788	ng	94
66) n-Nitrosodiphenylamine	15.93	169	530307	41.628	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	198454	40.508	ng	96
68) Hexachlorobenzene	16.72	284	202427	41.095	ng	98
69) Atrazine	16.87	200	193609	40.855	ng	99
70) Pentachlorophenol	17.07	266	209277	73.487	ng	96
71) Phenanthrene	17.47	178	950879	41.555	ng	100
72) Anthracene	17.56	178	976612	42.641	ng	99
73) Carbazole	17.83	167	910847	42.022	ng	99
74) Di-n-butylphthalate	18.36	149	1090861	42.458	ng	100
75) Fluoranthene	19.47	202	1165663	43.021	ng	99
77) Benzidine	19.66	184	388560	25.418	ng	98
78) Pyrene	19.83	202	1155141	41.495	ng	99
80) Butylbenzylphthalate	20.70	149	516347	43.346	ng	95
81) Benzo(a)anthracene	21.67	228	1038909	39.844	ng	97
82) 3,3'-Dichlorobenzidine	21.59	252	299678	30.213	ng	97
83) Chrysene	21.74	228	1017912	40.621	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	719552	42.256	ng	99
85) Di-n-octyl phthalate	22.76	149	1222815	42.148	ng	100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1232104	40.201	ng	# 77
88) Benzo(b)fluoranthene	23.92	252	1101677	43.626	ng	98
89) Benzo(k)fluoranthene	23.99	252	1068116	45.994	ng	98
90) Benzo(a)pyrene	24.82	252	1086957	45.875	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	1014490	46.101	ng	99
92) Benzo(g,h,i)perylene	29.92	276	1029372	45.516	ng	97

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

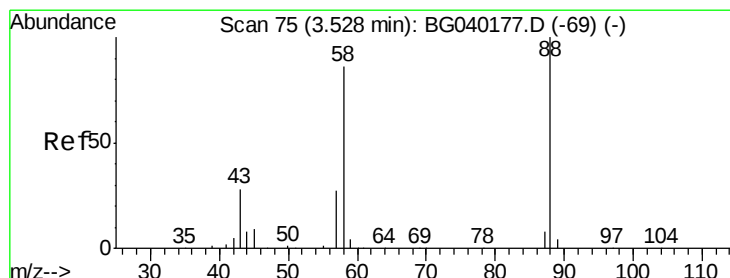
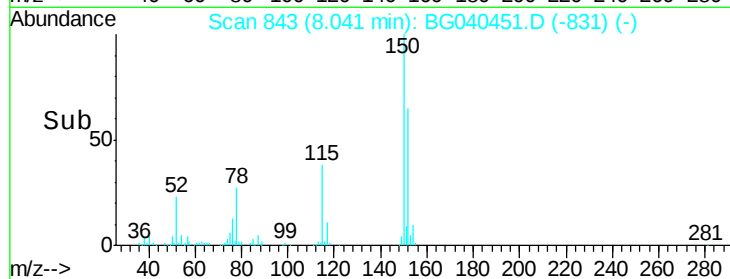
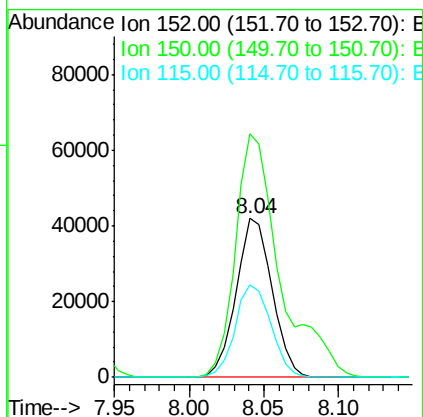
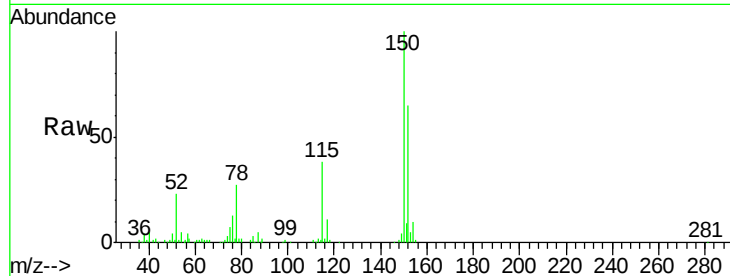


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB118783BSD

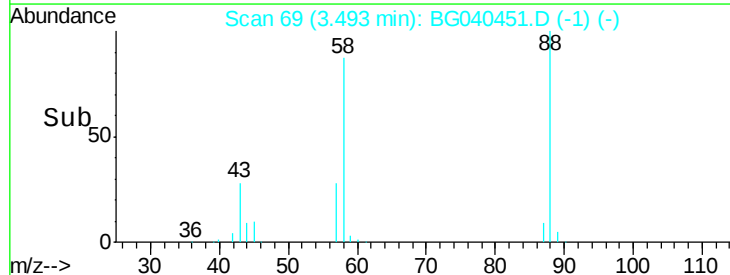
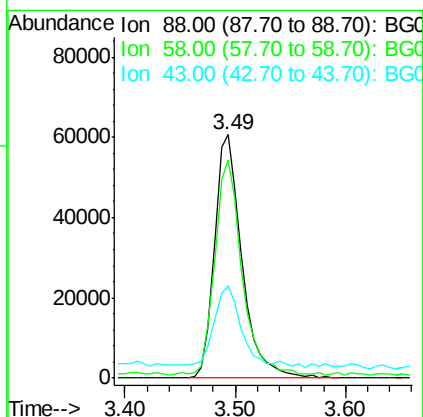
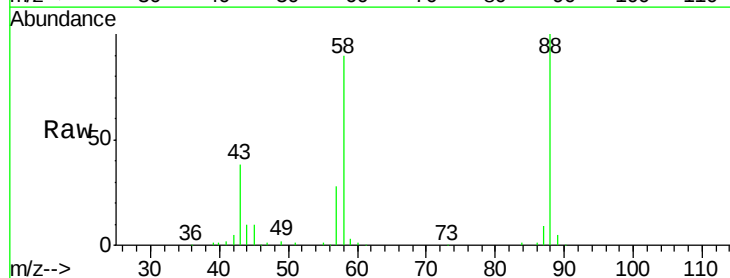
Tgt Ion:152 Resp: 70097
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 58.4 46.9 70.3

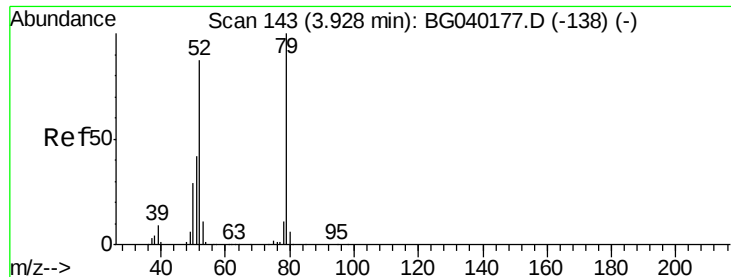


#2

1,4-Dioxane
Concen: 52.433 ng
RT: 3.49 min Scan# 69
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion: 88 Resp: 103960
Ion Ratio Lower Upper
88 100
58 87.5 70.6 106.0
43 31.0 24.8 37.2





#3

Pyridine

Concen: 33.692 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

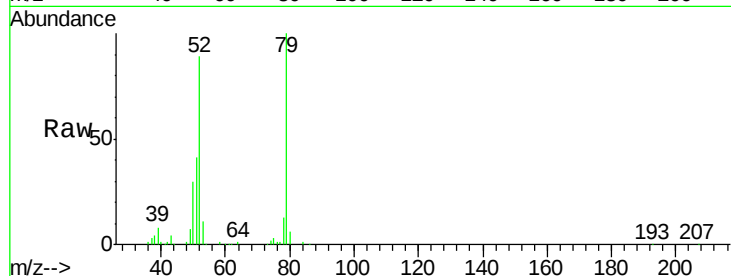
Tgt Ion: 79 Resp: 179861

Ion Ratio Lower Upper

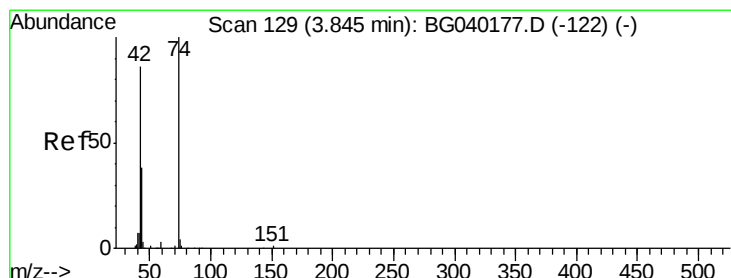
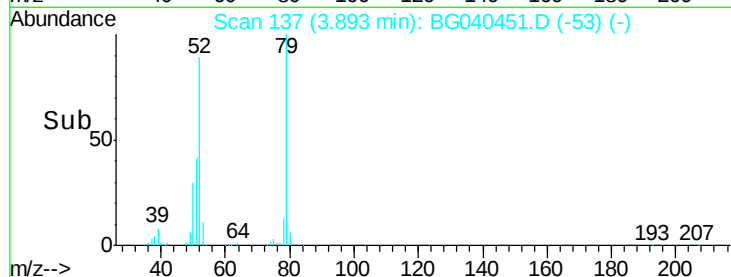
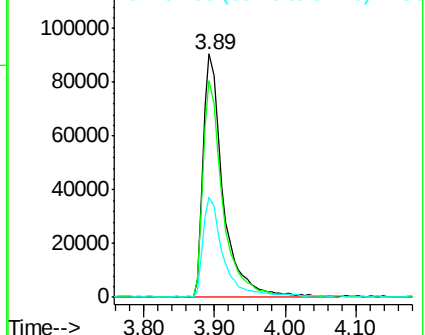
79 100

52 89.0 69.8 104.8

51 41.1 33.9 50.9



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



#4

n-Nitrosodimethylamine

Concen: 37.998 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

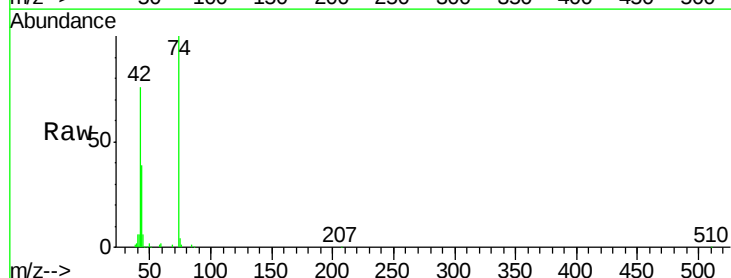
Tgt Ion: 42 Resp: 93830

Ion Ratio Lower Upper

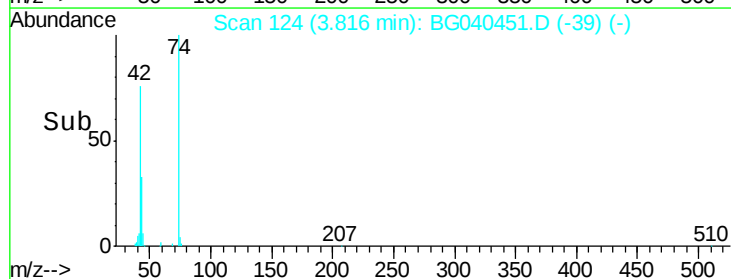
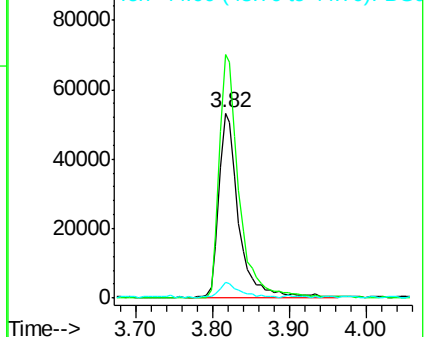
42 100

74 131.5 92.9 139.3

44 8.4 9.7 14.5#



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





#5

2-Fluorophenol

Concen: 132.793 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

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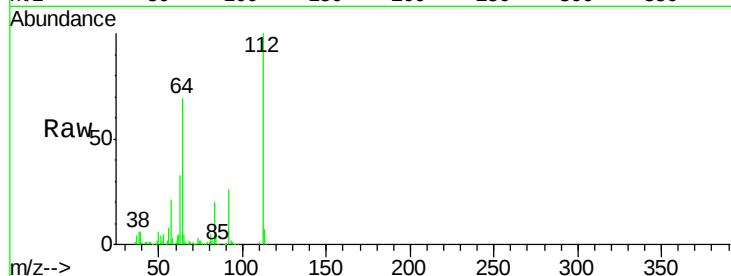
Tgt Ion: 112 Resp: 559932

Ion Ratio Lower Upper

112 100

64 69.0 54.2 81.2

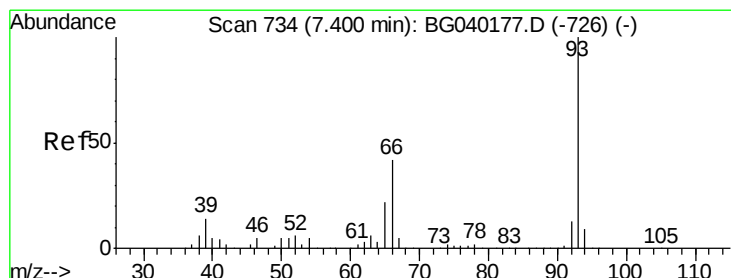
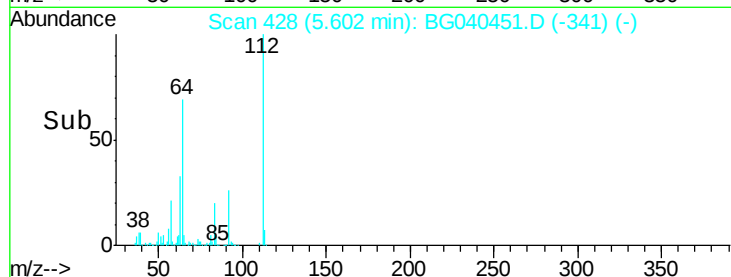
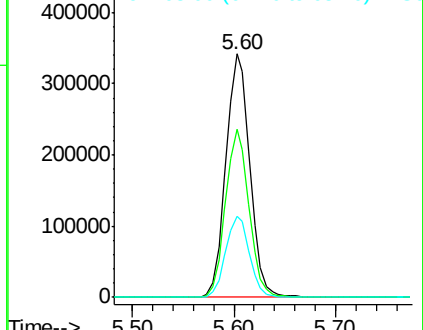
63 33.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.120 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

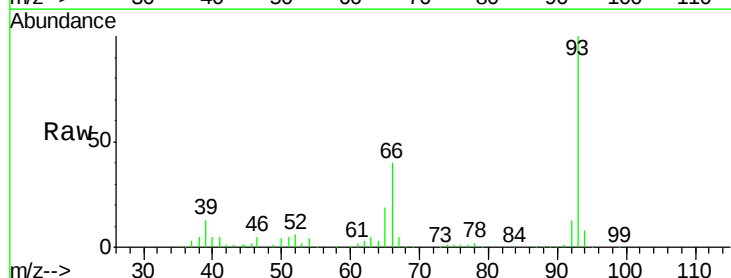
Tgt Ion: 93 Resp: 220467

Ion Ratio Lower Upper

93 100

66 39.9 33.6 50.4

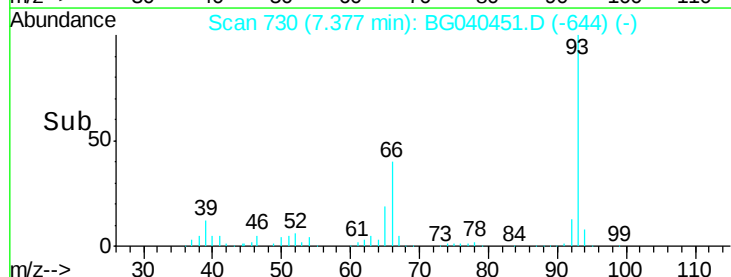
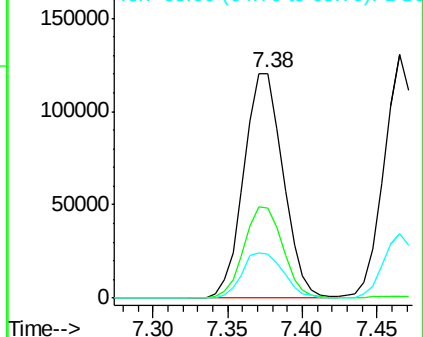
65 19.3 17.4 26.2

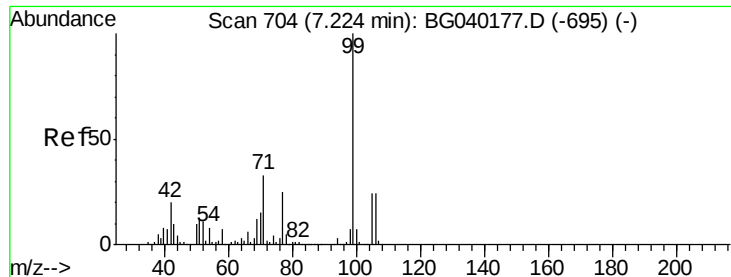


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.162 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

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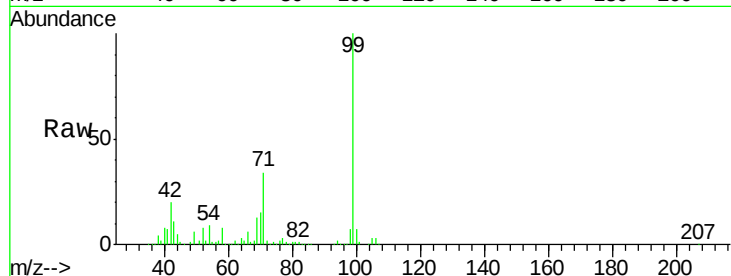
Tgt Ion: 99 Resp: 746848

Ion Ratio Lower Upper

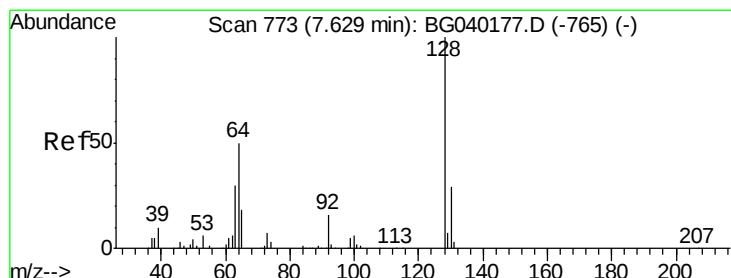
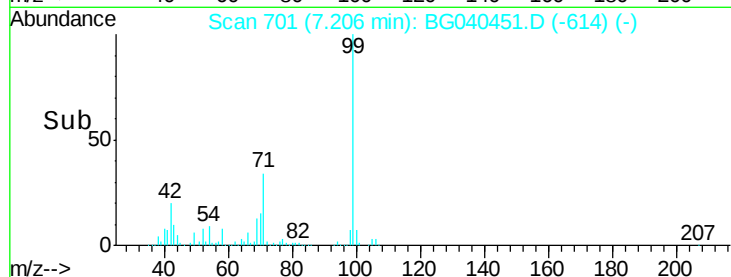
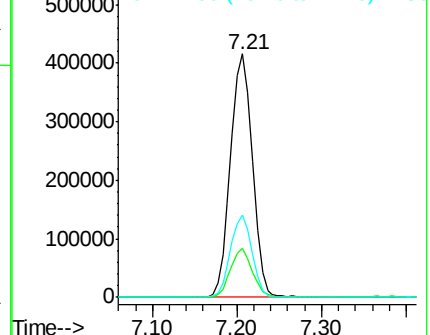
99 100

42 20.1 16.2 24.2

71 33.6 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: 40.820 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

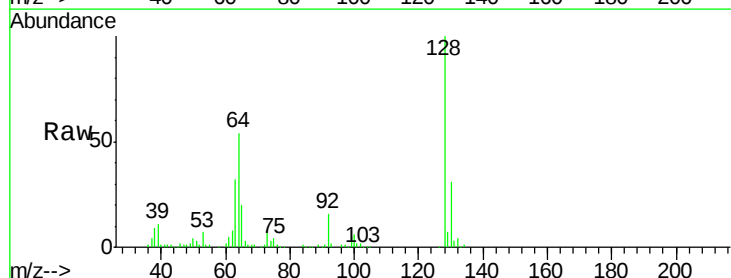
Tgt Ion: 128 Resp: 201482

Ion Ratio Lower Upper

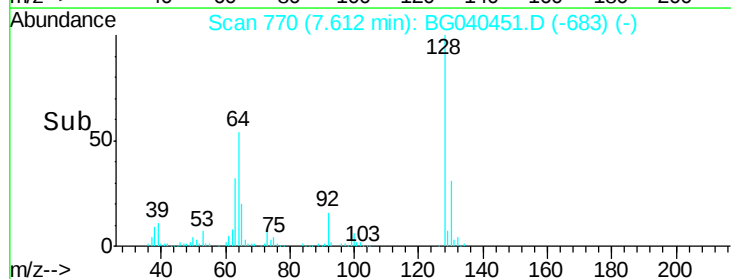
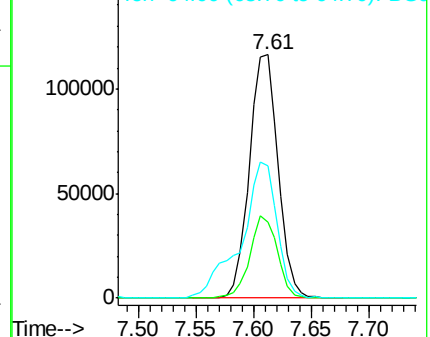
128 100

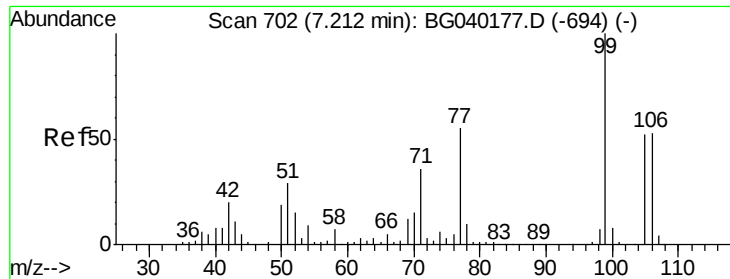
130 31.2 9.1 49.1

64 54.4 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: 19.496 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

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ClientSampleId :

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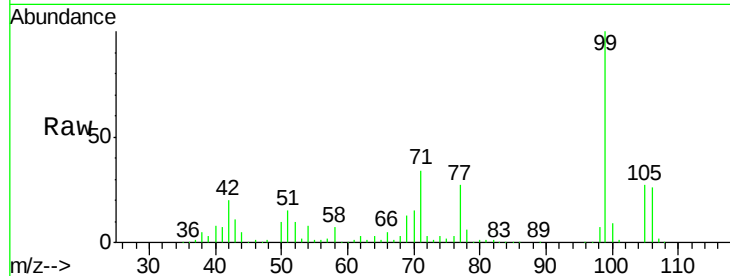
Tgt Ion: 77 Resp: 77930

Ion Ratio Lower Upper

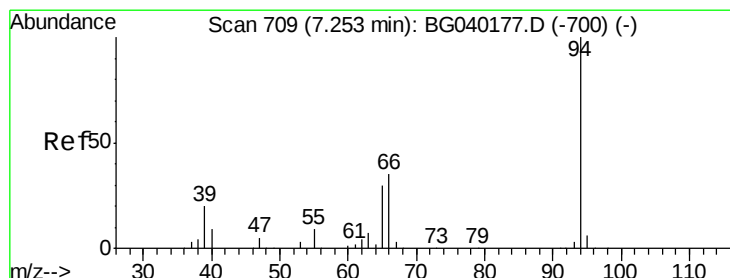
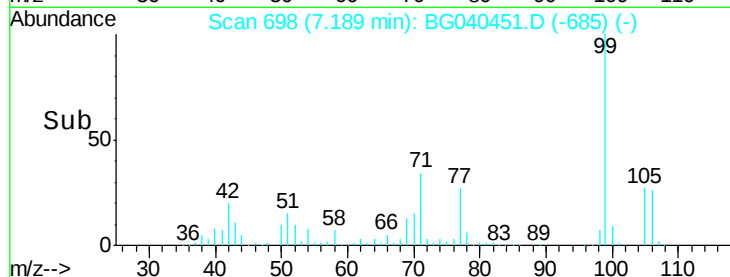
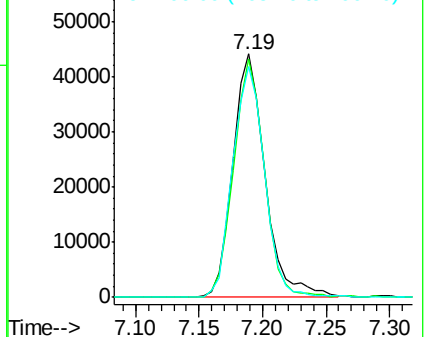
77 100

105 97.7 75.0 115.0

106 94.9 75.7 115.7



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



#10

Phenol

Concen: 41.685 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

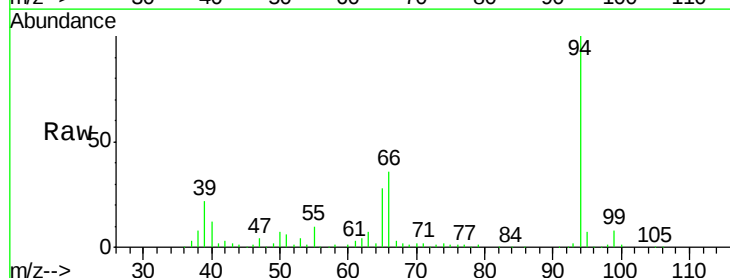
Tgt Ion: 94 Resp: 263664

Ion Ratio Lower Upper

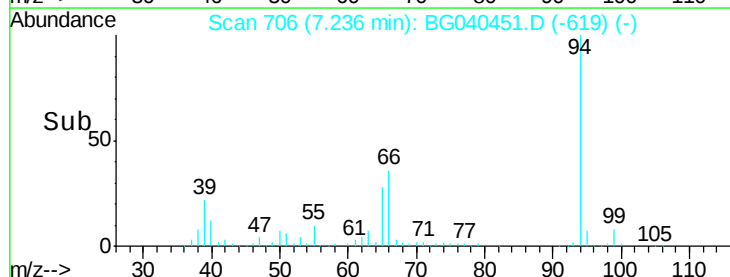
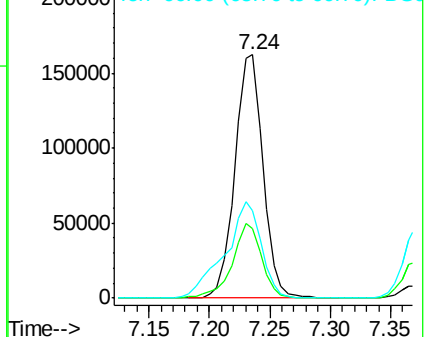
94 100

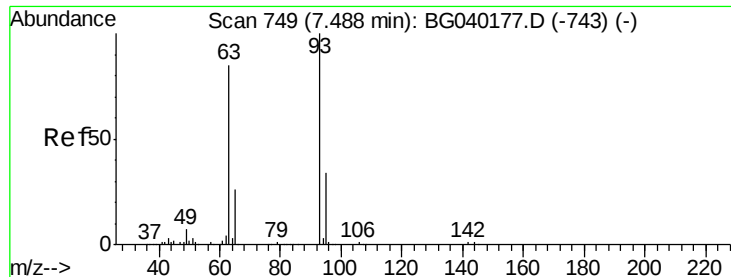
65 28.4 10.5 50.5

66 35.9 16.9 56.9



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

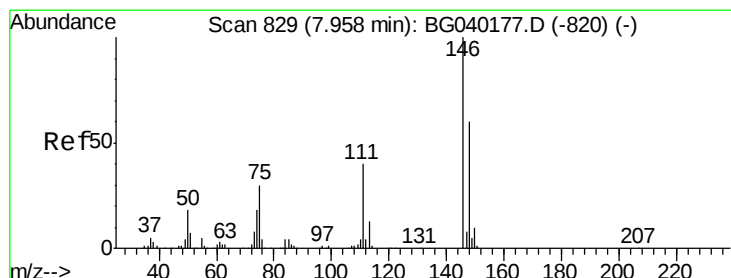
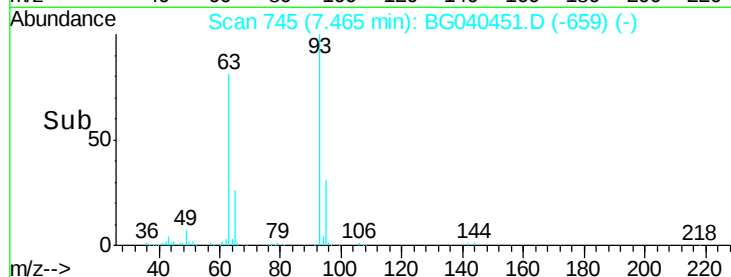
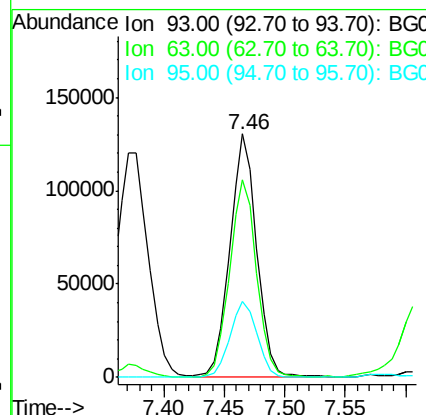
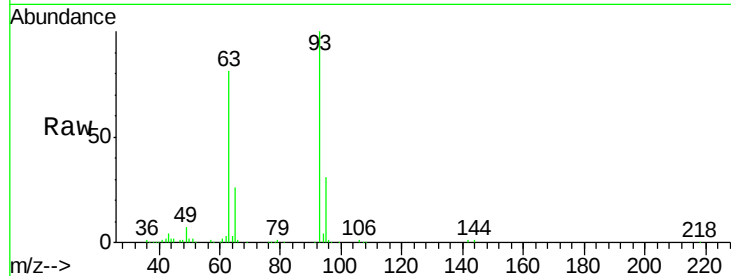




#11
 bis(2-Chloroethyl)ether
 Concen: 39.415 ng
 RT: 7.46 min Scan# 745
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

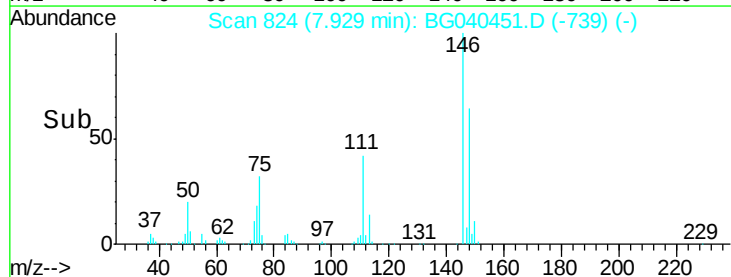
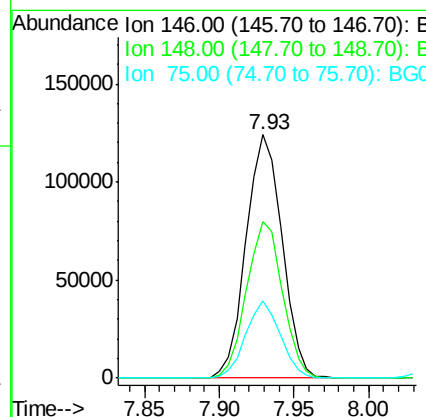
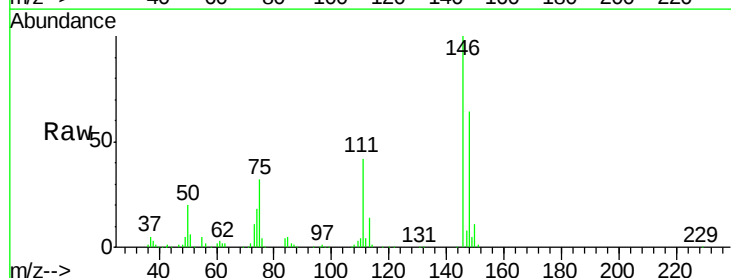
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion: 93 Resp: 199680
 Ion Ratio Lower Upper
 93 100
 63 81.0 64.2 104.2
 95 31.3 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 38.691 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion: 146 Resp: 207604
 Ion Ratio Lower Upper
 146 100
 148 64.1 48.2 72.2
 75 31.8 24.1 36.1





#13

1,4-Dichlorobenzene

Concen: 40.172 ng

RT: 8.08 min Scan# 850

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

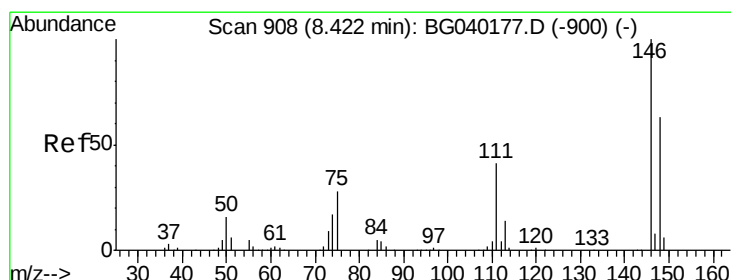
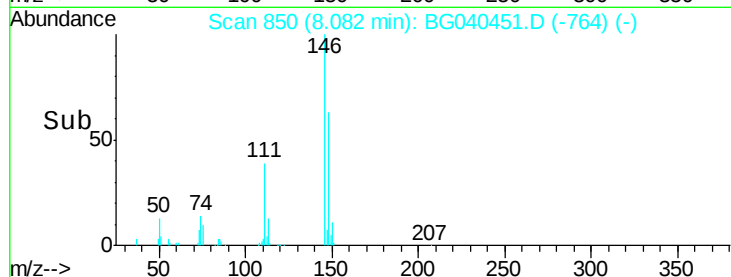
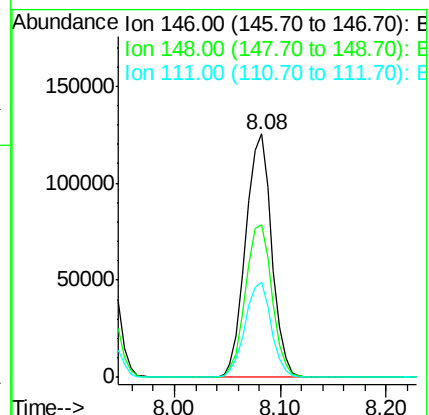
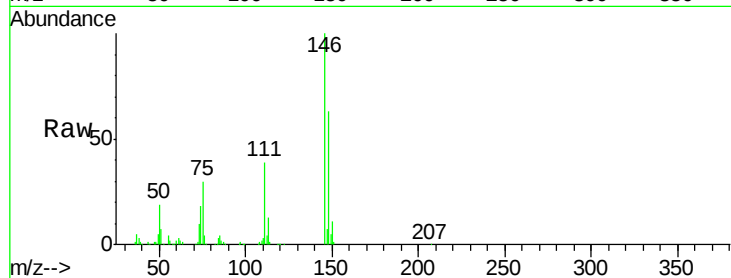
Tgt Ion:146 Resp: 214683

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.4

111 39.2 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 40.041 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

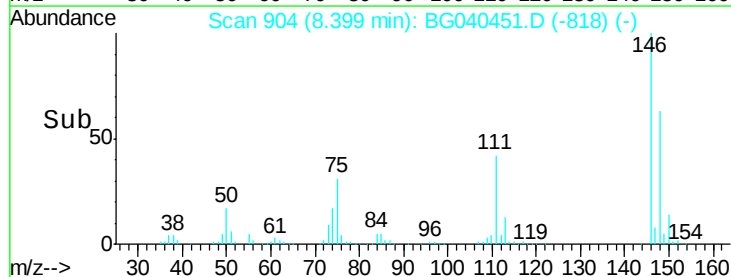
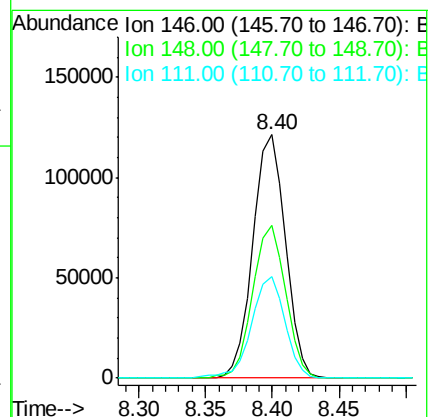
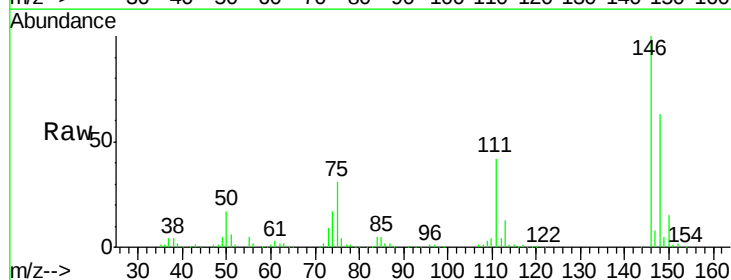
Tgt Ion:146 Resp: 204633

Ion Ratio Lower Upper

146 100

148 62.8 50.8 76.2

111 41.8 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.178 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

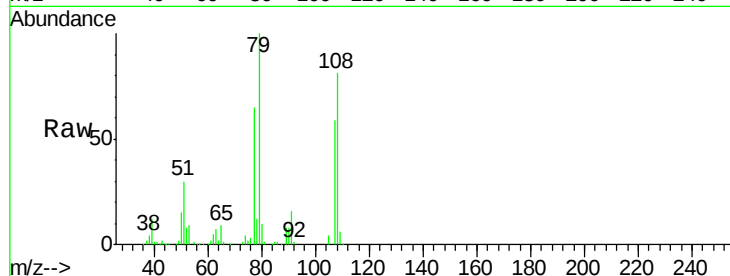
Tgt Ion: 79 Resp: 179171

Ion Ratio Lower Upper

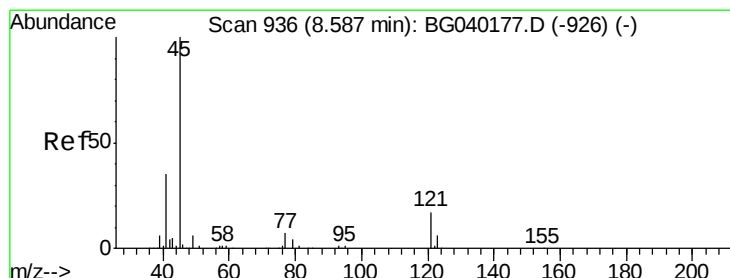
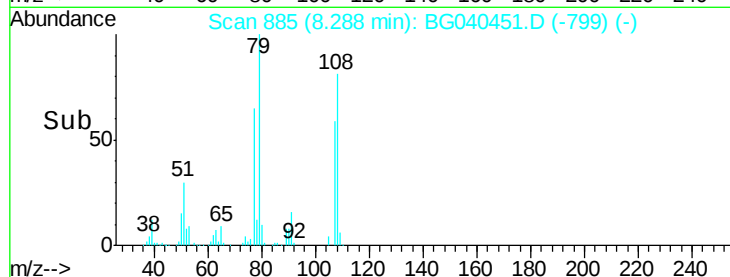
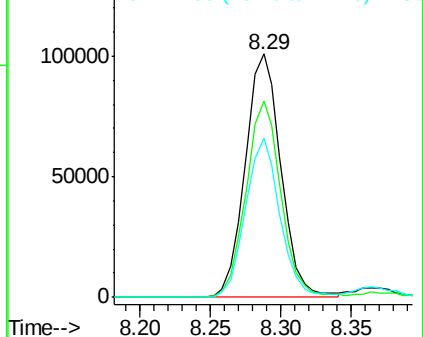
79 100

108 80.8 62.1 93.1

77 65.4 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.477 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

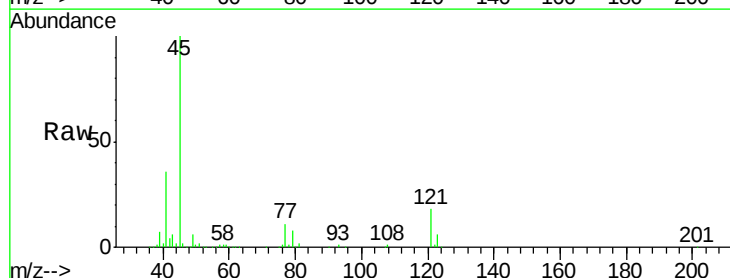
Tgt Ion: 45 Resp: 374099

Ion Ratio Lower Upper

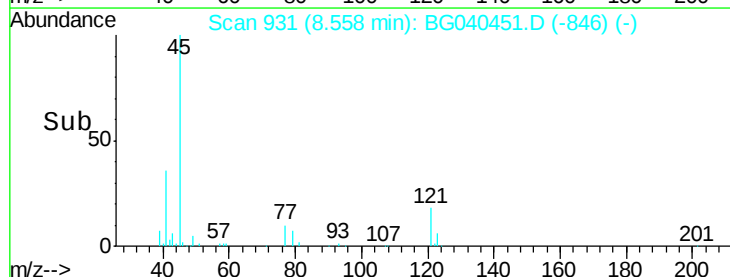
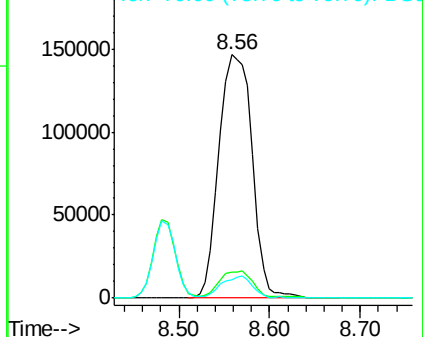
45 100

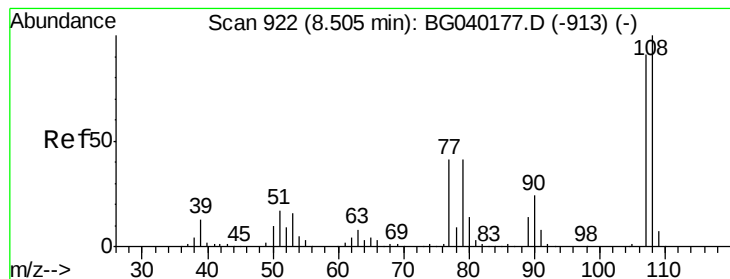
77 10.5 0.0 31.4

79 7.7 0.0 28.3



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





#17

2-Methylphenol

Concen: 41.384 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

Tgt Ion:107 Resp: 181133

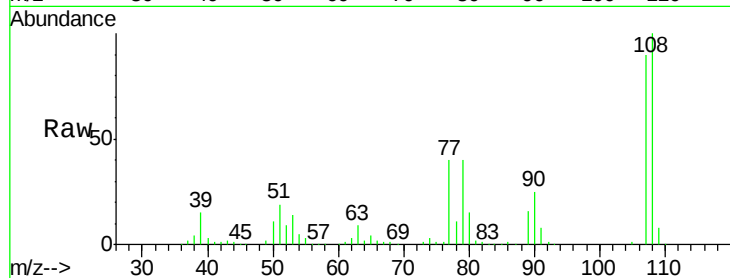
Ion Ratio Lower Upper

107 100

108 111.5 88.2 132.4

77 44.6 36.6 55.0

79 44.5 36.5 54.7

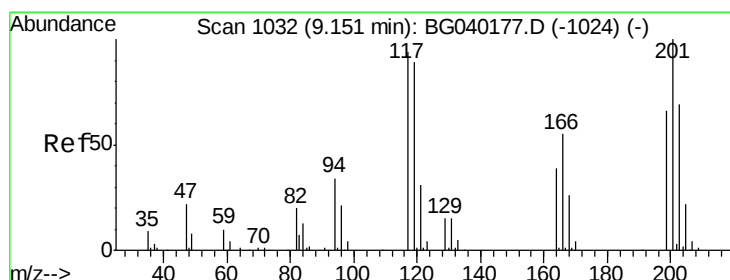
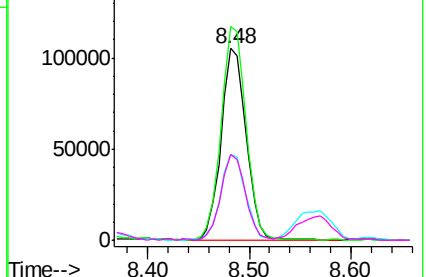
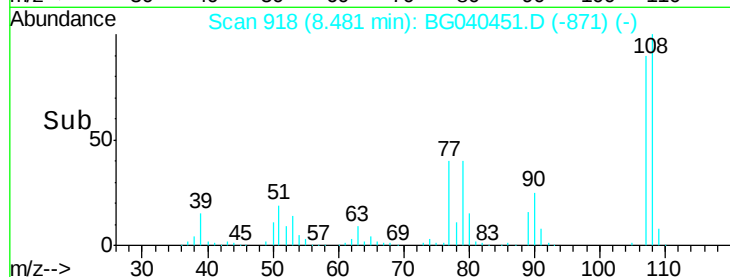


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.216 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

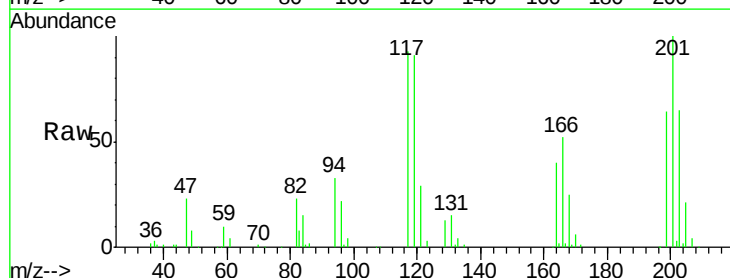
Tgt Ion:117 Resp: 77684

Ion Ratio Lower Upper

117 100

119 98.6 76.6 115.0

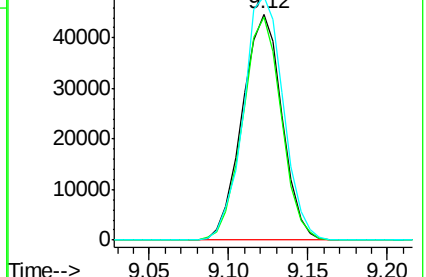
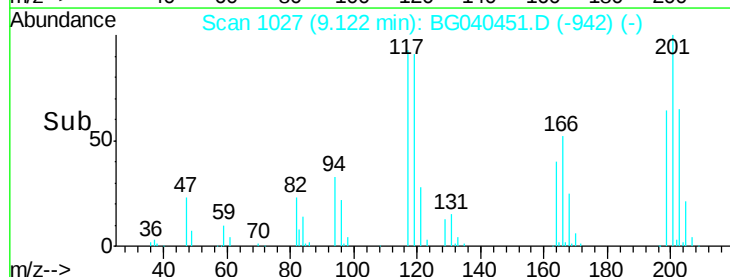
201 107.9 85.0 127.4

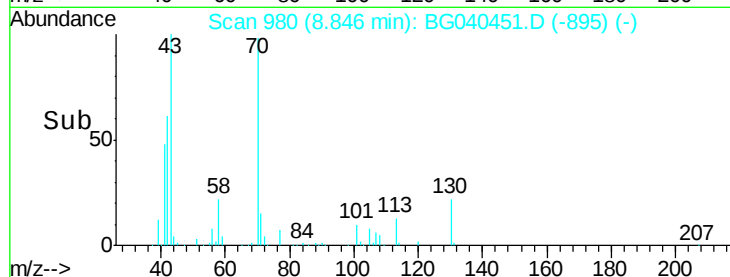
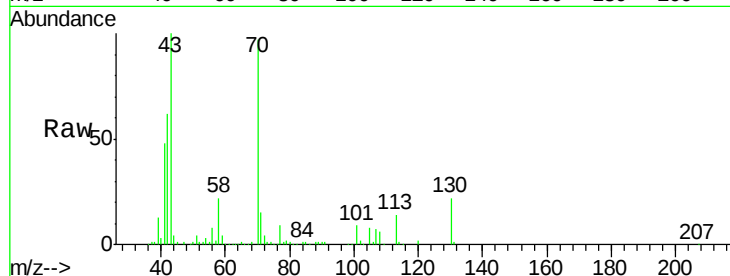
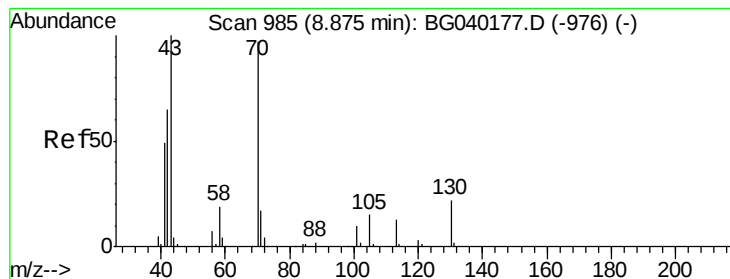


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.719 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

Tgt Ion: 70 Resp: 153416

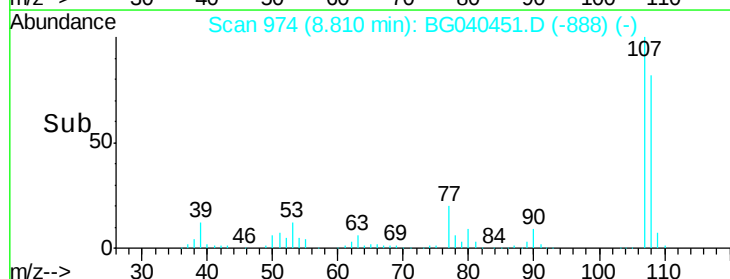
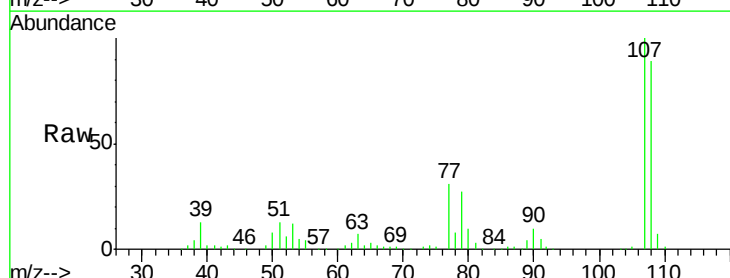
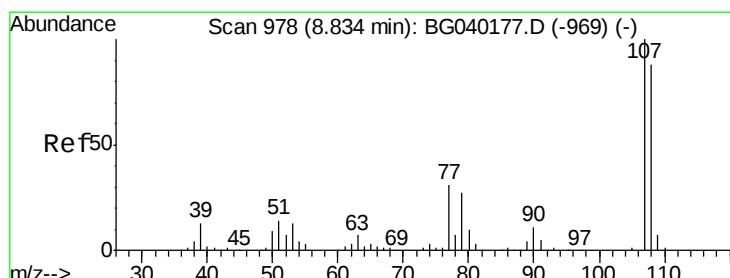
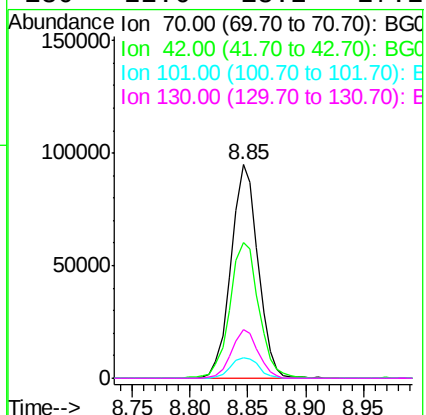
Ion Ratio Lower Upper

70 100

42 63.4 54.0 81.0

101 9.8 8.6 13.0

130 22.6 18.2 27.2



#20

3+4-Methylphenols

Concen: 40.867 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Tgt Ion: 107 Resp: 242315

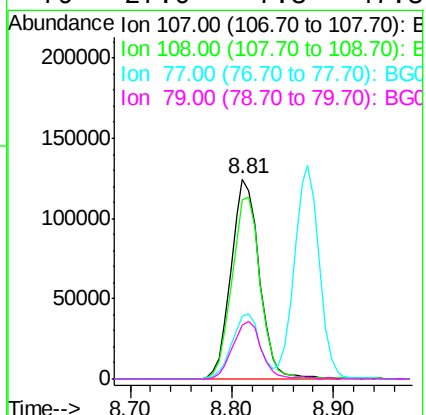
Ion Ratio Lower Upper

107 100

108 89.5 68.3 108.3

77 31.1 11.3 51.3

79 27.0 7.3 47.3

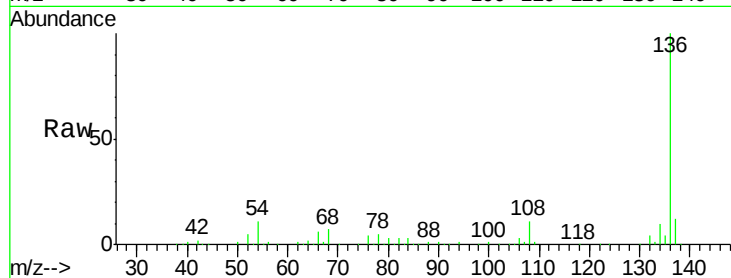




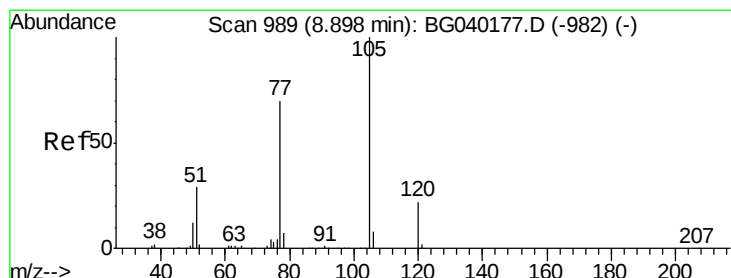
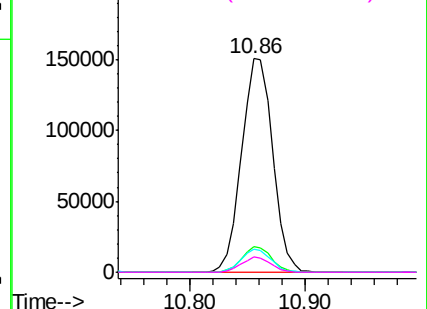
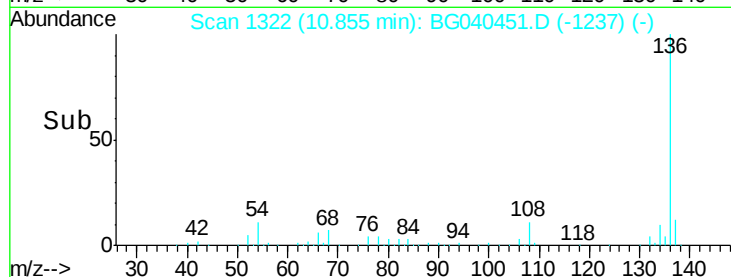
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion:	136	Resp:	280422
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	11.0	9.6	14.4
68	7.2	5.1	7.7

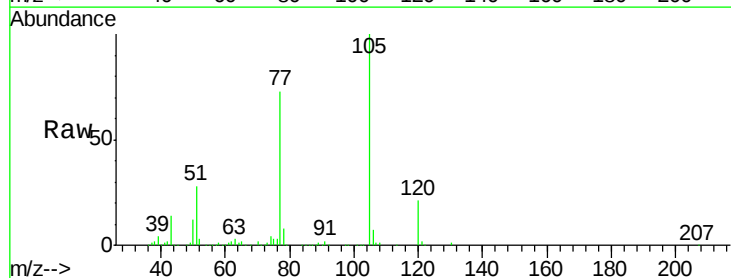


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

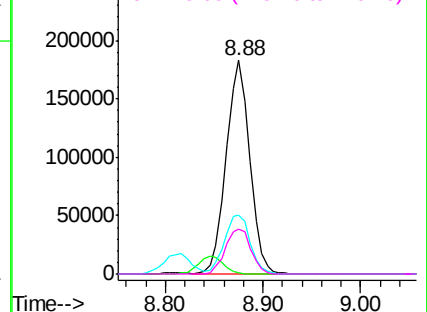
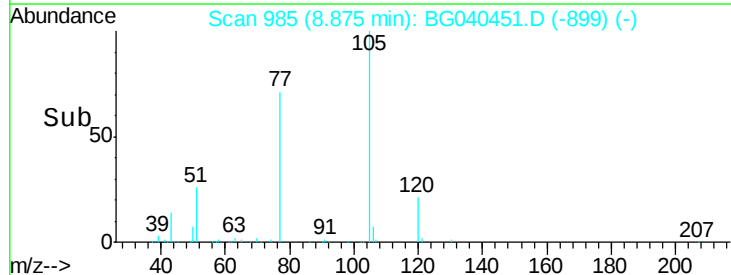


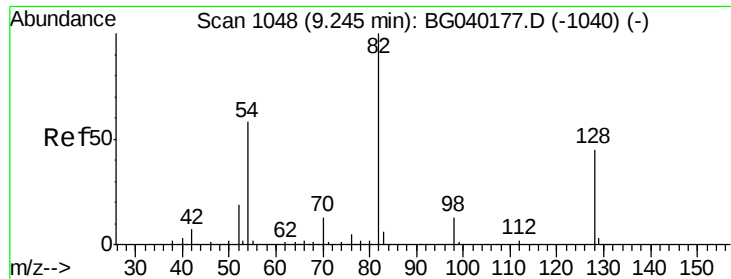
#22
Acetophenone
Concen: 43.891 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:	105	Resp:	307022
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.6	1.0#
51	27.6	25.1	37.7
120	20.8	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

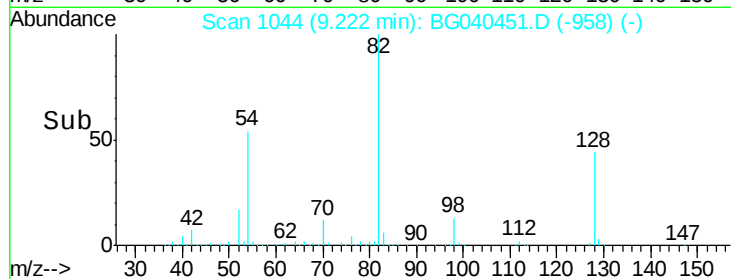
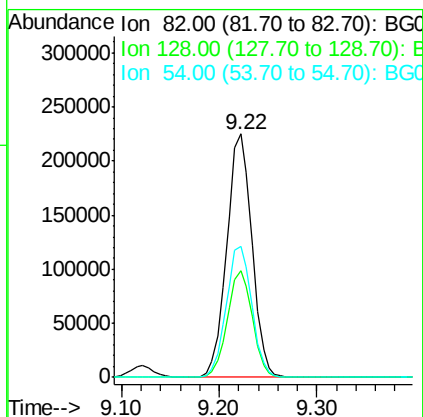
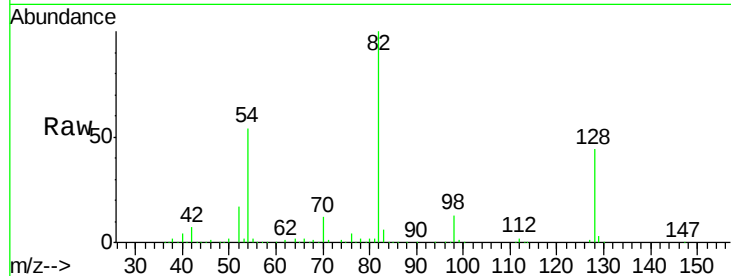




#23
 Nitrobenzene-d5
 Concen: 76.418 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

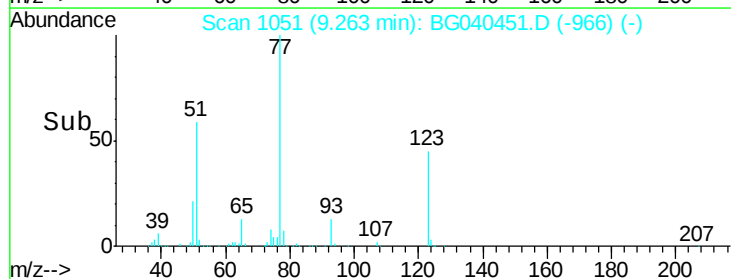
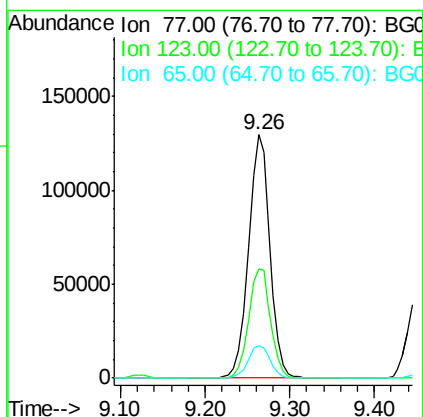
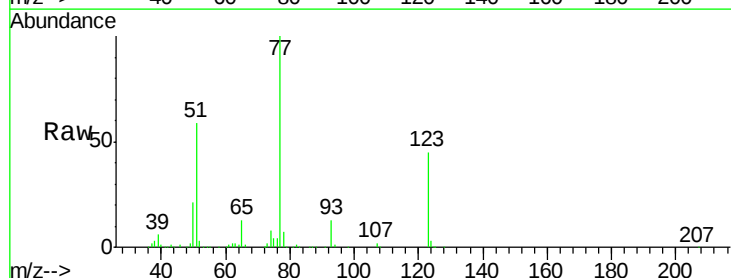
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

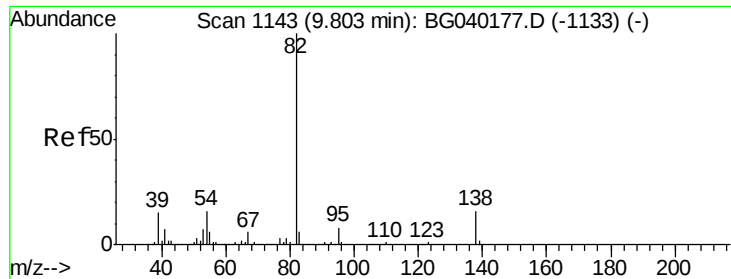
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	35.8	53.8
54	53.9	46.2	69.2



#24
 Nitrobenzene
 Concen: 41.957 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.7	37.8	56.6
65	13.5	12.0	18.0





#25

Isophorone

Concen: 40.031 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

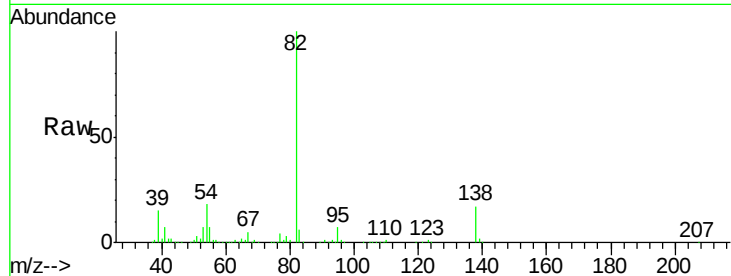
Tgt Ion: 82 Resp: 434539

Ion Ratio Lower Upper

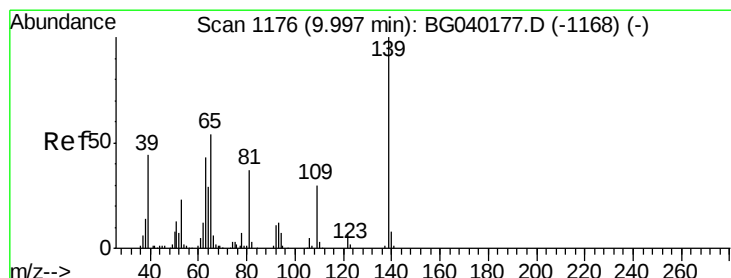
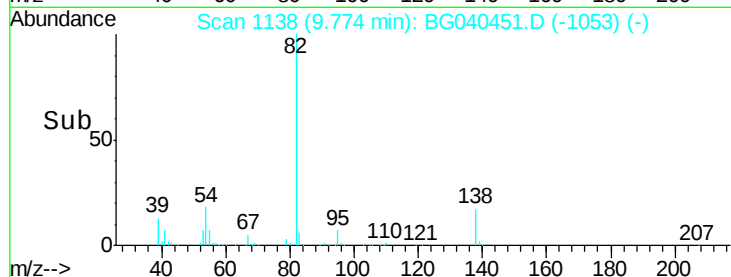
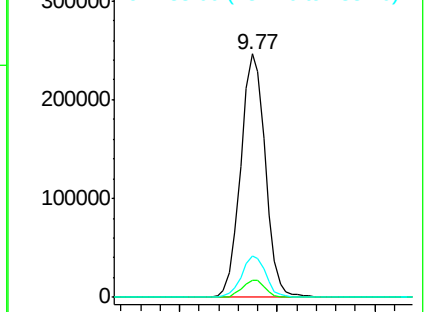
82 100

95 7.0 6.1 9.1

138 17.1 13.2 19.8



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



#26

2-Nitrophenol

Concen: 43.517 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

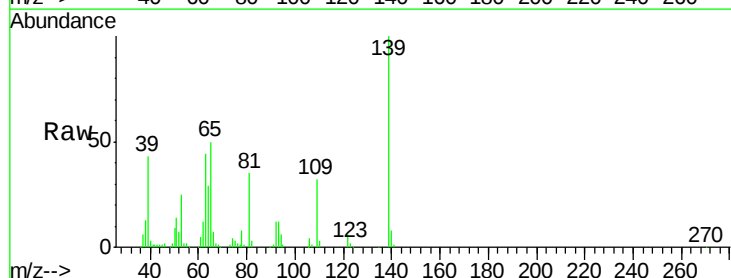
Tgt Ion: 139 Resp: 112650

Ion Ratio Lower Upper

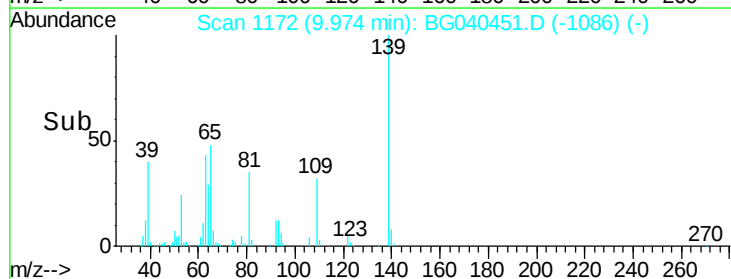
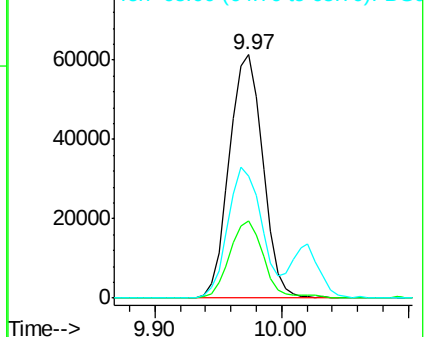
139 100

109 31.9 24.1 36.1

65 49.9 43.0 64.6



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

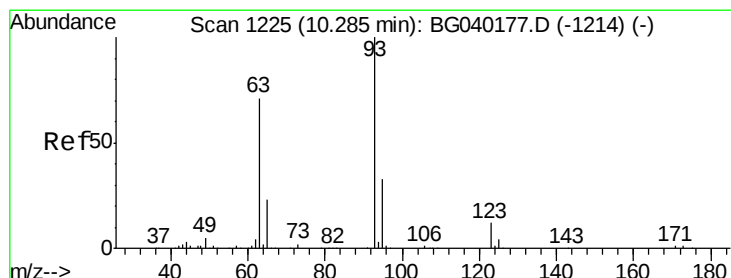
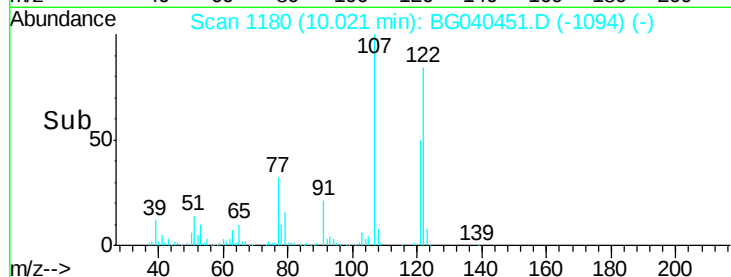
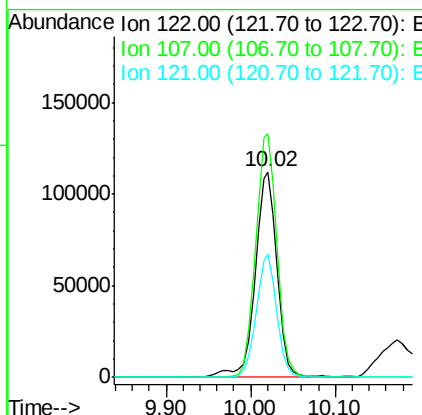
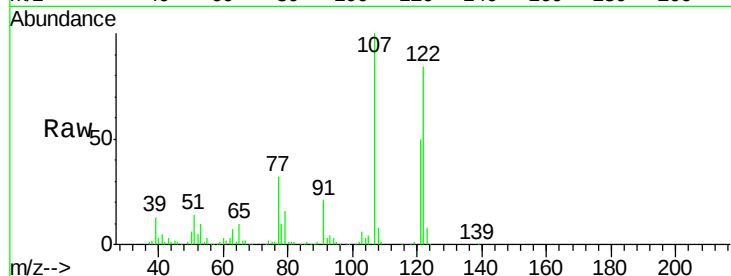




#27
2,4-Dimethylphenol
Concen: 49.583 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

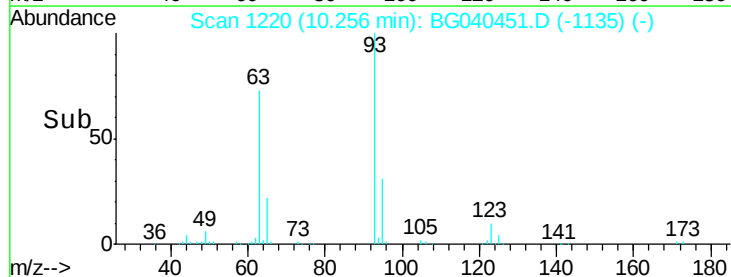
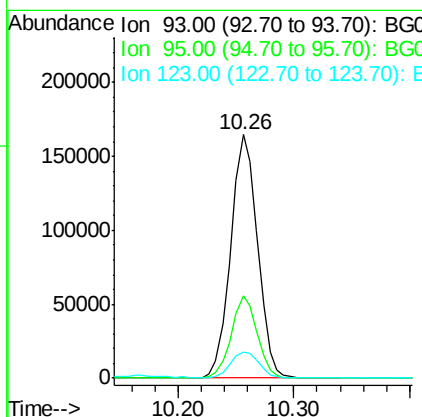
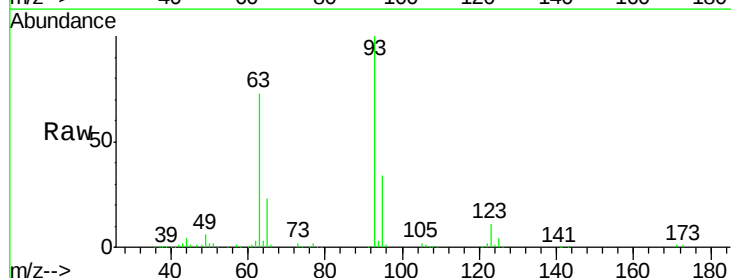
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion:122 Resp: 203879
Ion Ratio Lower Upper
122 100
107 118.6 97.4 146.2
121 59.8 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 41.135 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion: 93 Resp: 264180
Ion Ratio Lower Upper
93 100
95 33.6 26.2 39.4
123 10.9 9.4 14.0

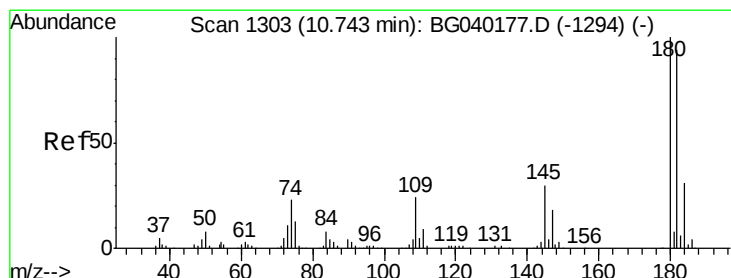
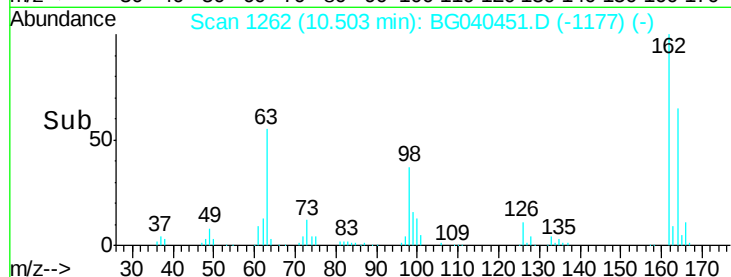
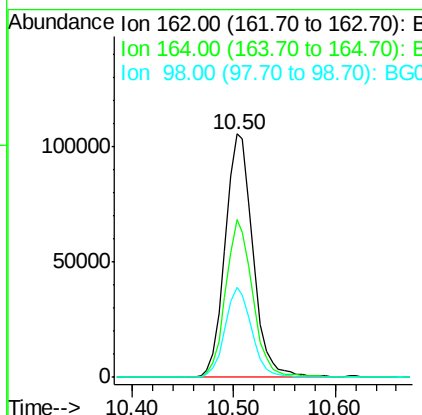
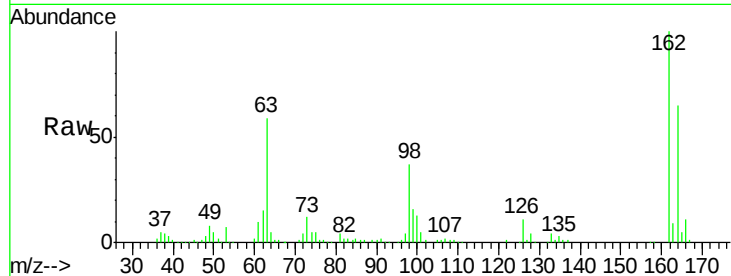




#29
 2,4-Dichlorophenol
 Concen: 44.834 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

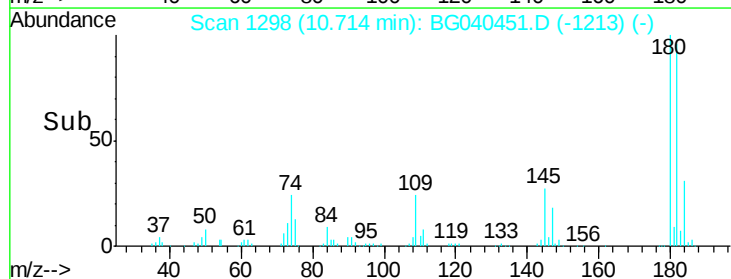
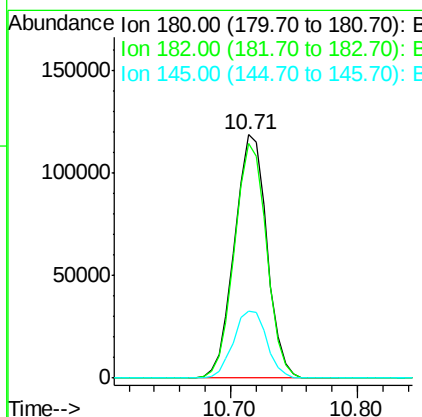
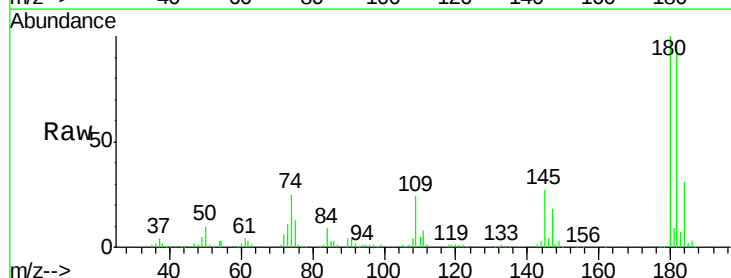
Instrument :
 BNA_G
 ClientSampled :
 PB118783BSD

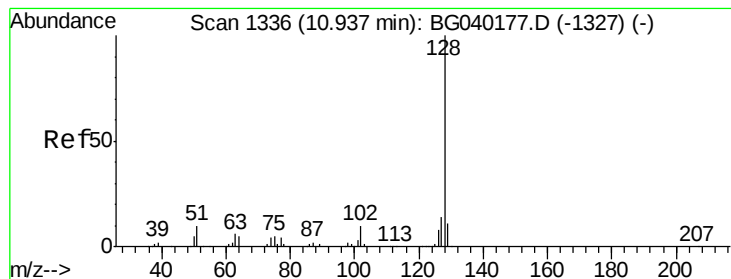
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.9	83.9
98	37.2	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 42.745 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.1	112.7
145	27.4	24.1	36.1

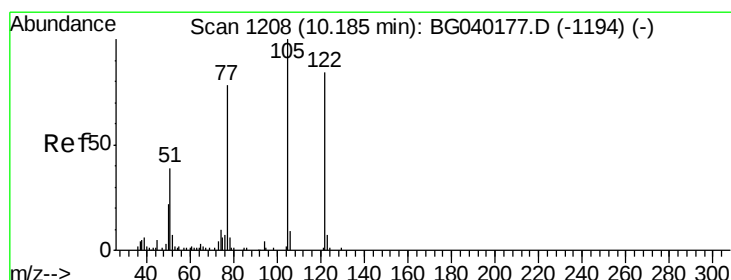
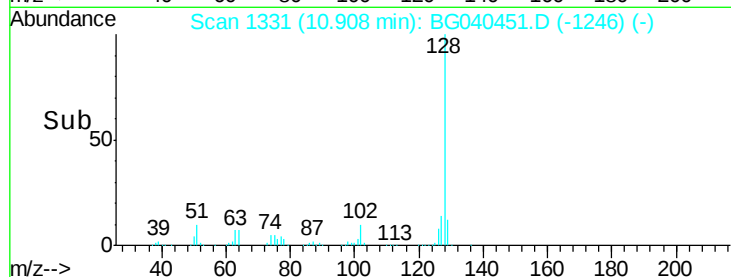
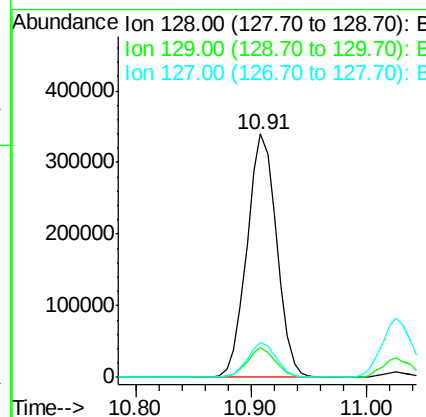
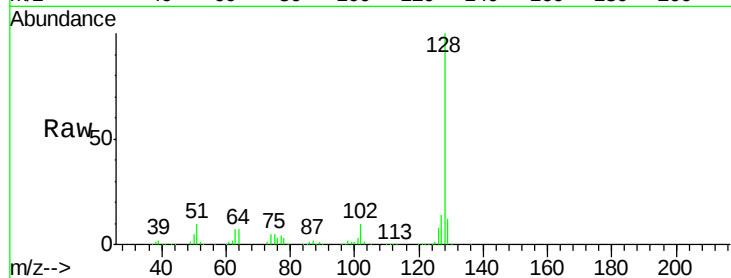




#31
Naphthalene
Concen: 42.132 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

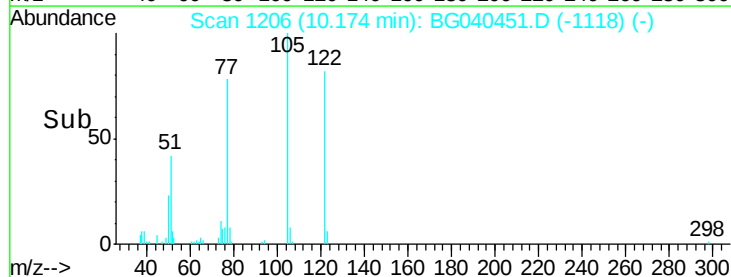
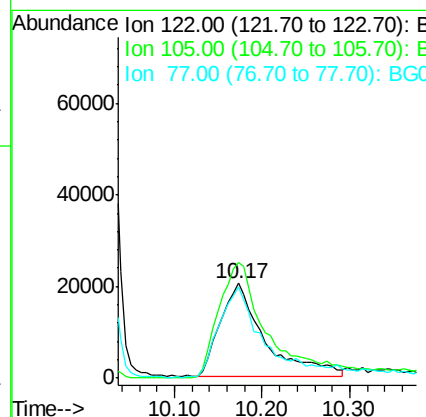
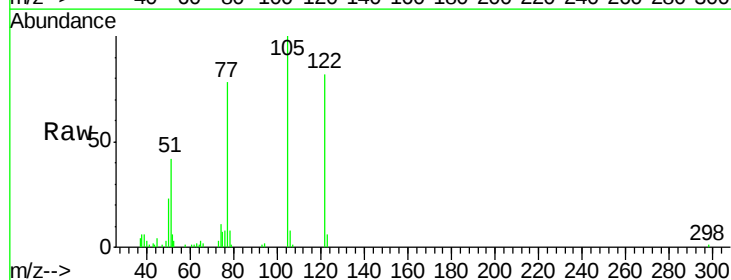
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

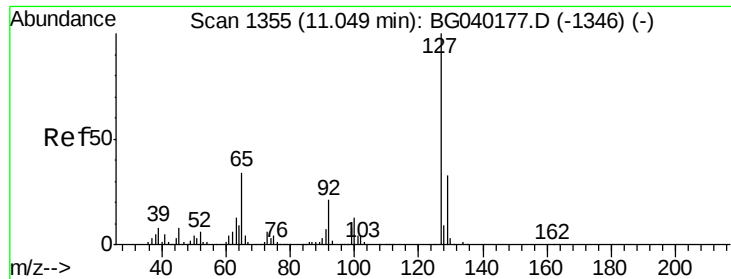
Tgt Ion:128 Resp: 605598
Ion Ratio Lower Upper
128 100
129 12.0 8.9 13.3
127 14.2 11.4 17.0



#32
Benzoic acid
Concen: 28.604 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:122 Resp: 71064
Ion Ratio Lower Upper
122 100
105 122.5 98.2 138.2
77 95.9 73.6 113.6

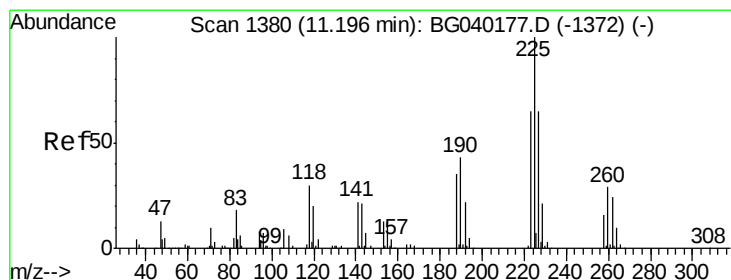
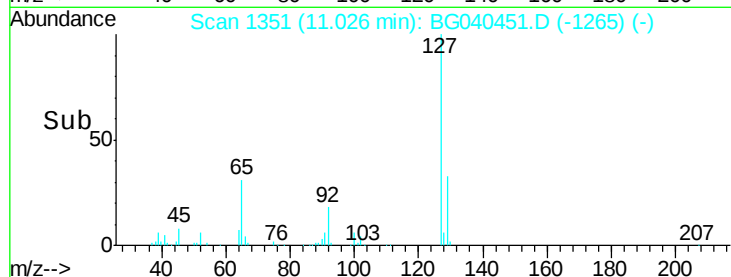
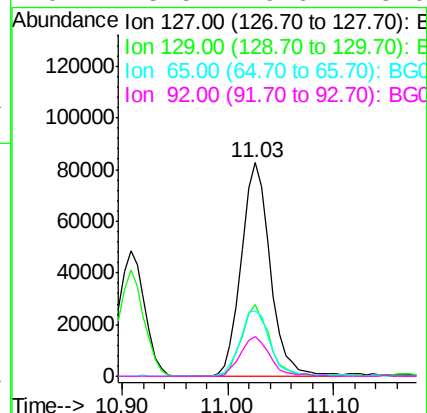
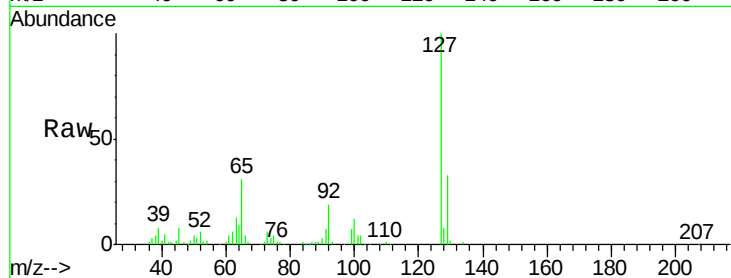




#33
4-Chloroaniline
Concen: 25.606 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

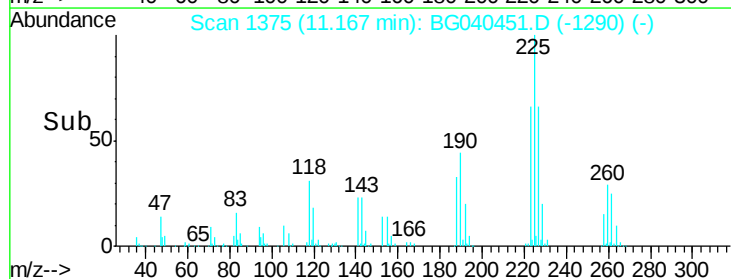
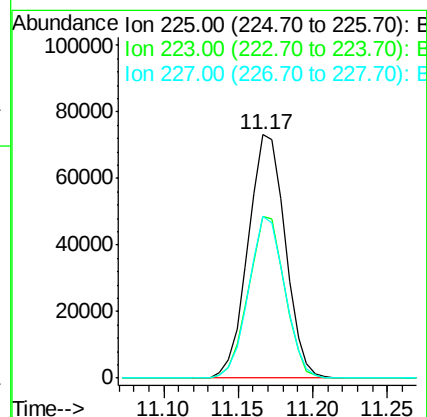
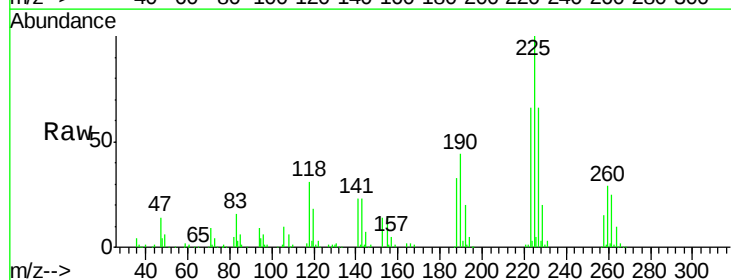
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

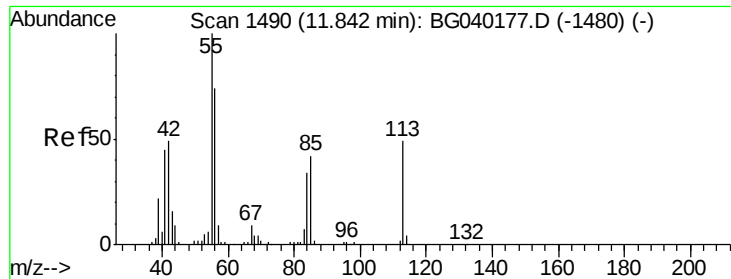
Tgt Ion:	127	Resp:	156994
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	40.0
65	30.8	27.0	40.4
92	18.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.112 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:	225	Resp:	125722
Ion	Ratio	Lower	Upper
225	100		
223	66.3	51.8	77.8
227	66.2	54.9	82.3

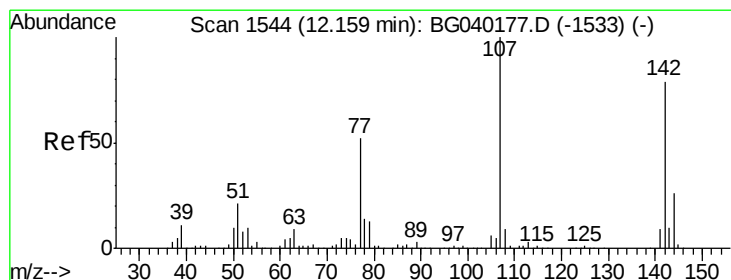
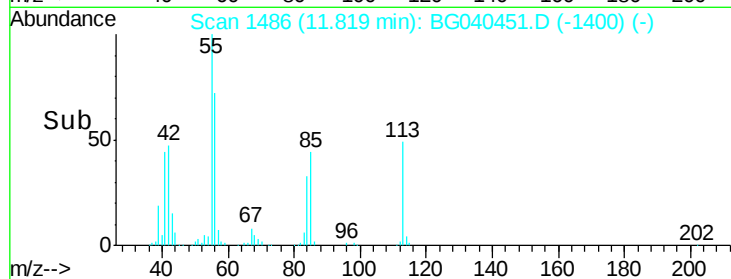
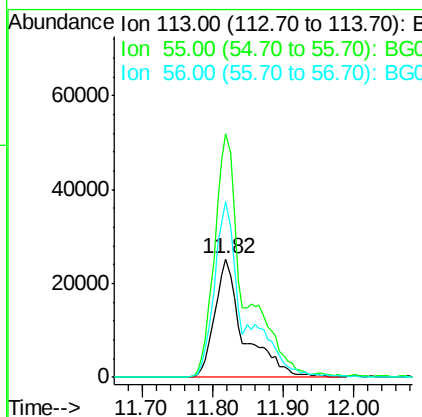
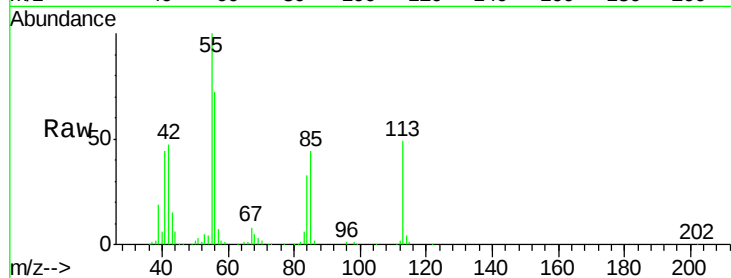




#35
 Caprolactam
 Concen: 41.307 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

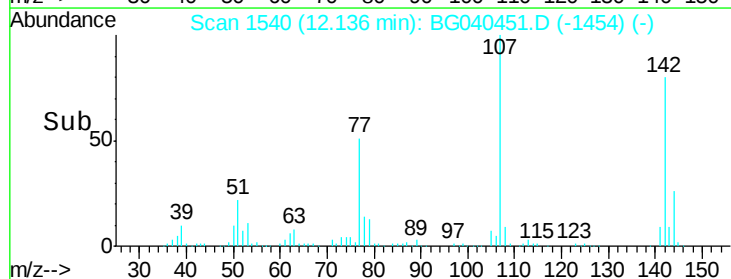
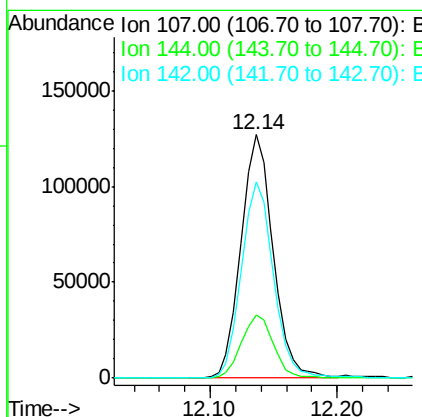
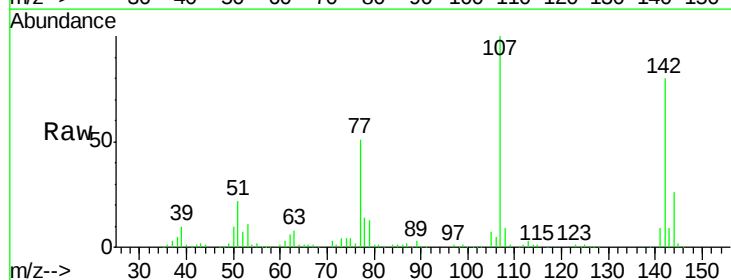
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

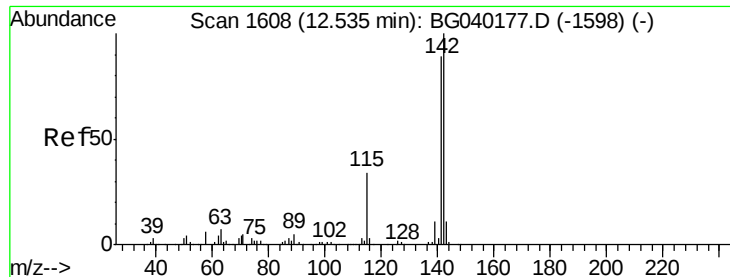
Tgt Ion:113 Resp: 73163
 Ion Ratio Lower Upper
 113 100
 55 205.7 184.2 224.2
 56 148.8 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.627 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion:107 Resp: 223852
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.4 63.1 94.7

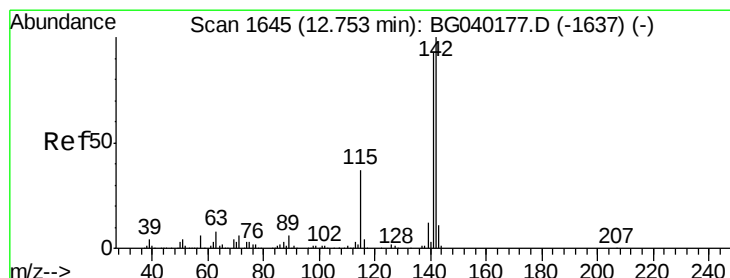
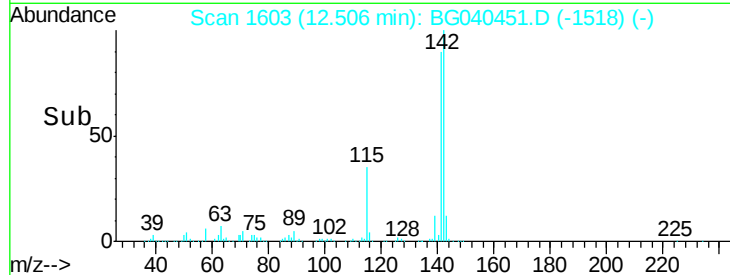
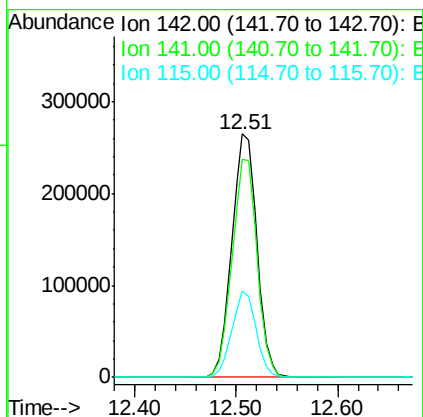
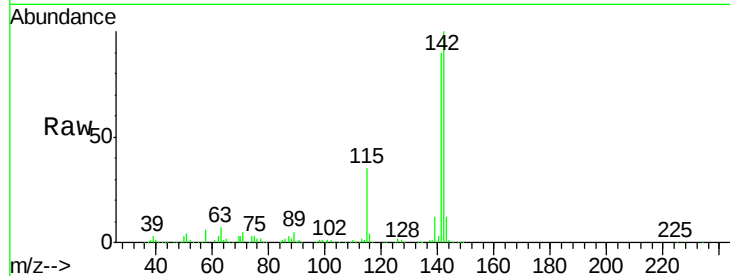




#37
 2-Methylnaphthalene
 Concen: 42.693 ng
 RT: 12.51 min Scan# 1603
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

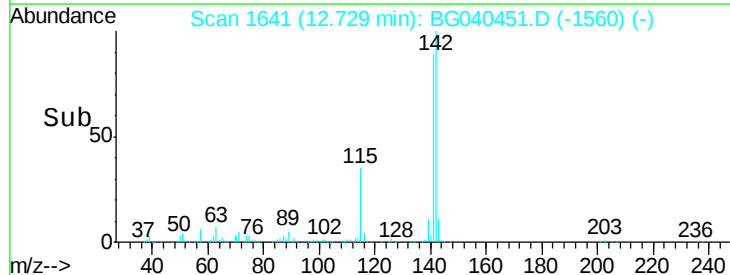
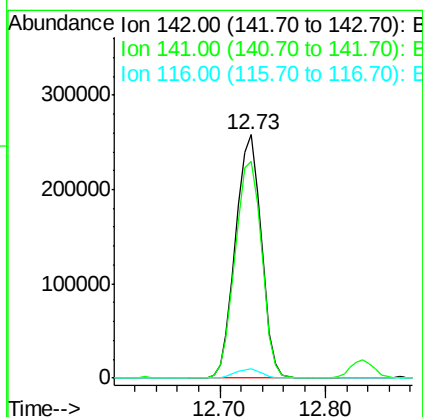
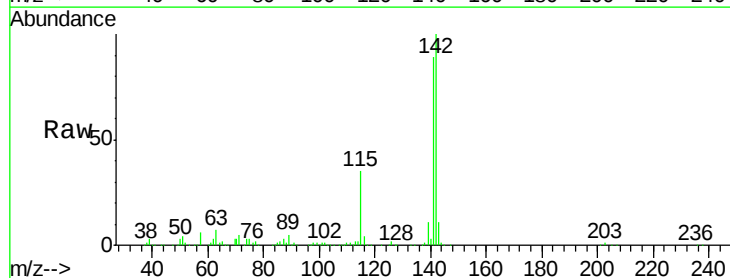
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion:142 Resp: 453853
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 35.1 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 42.244 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion:142 Resp: 435469
 Ion Ratio Lower Upper
 142 100
 141 88.8 74.2 111.4
 116 4.0 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

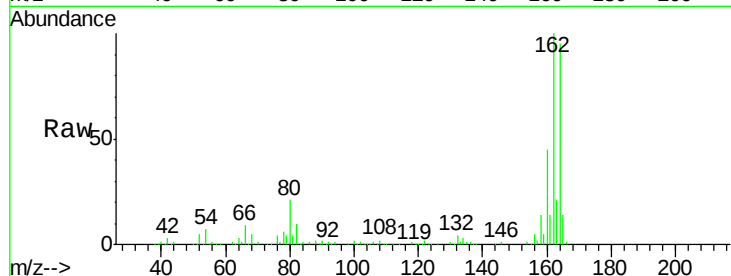
Tgt Ion:164 Resp: 174211

Ion Ratio Lower Upper

164 100

162 105.3 77.4 116.2

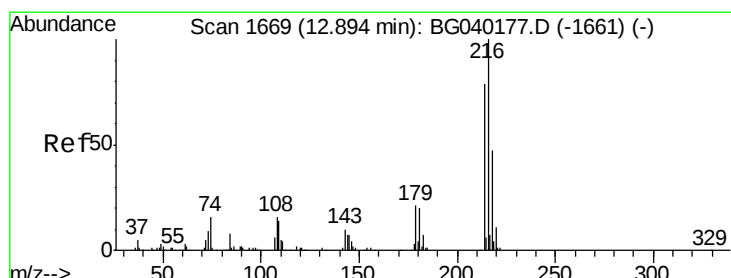
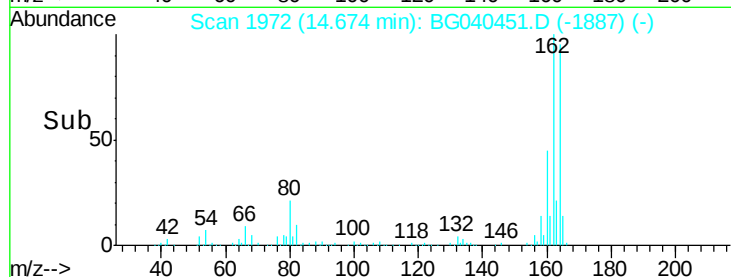
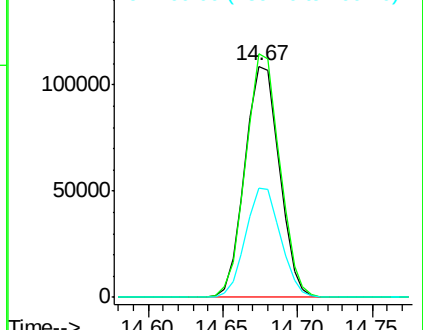
160 47.1 35.3 52.9



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: 41.354 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Tgt Ion:216 Resp: 228981

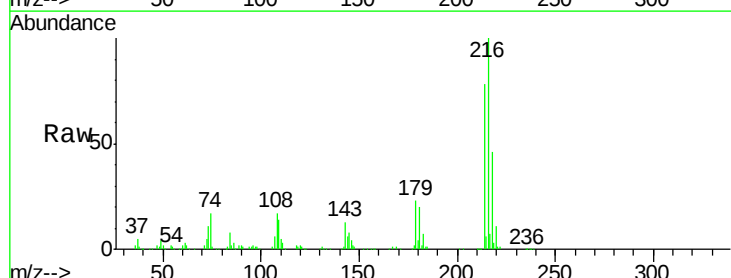
Ion Ratio Lower Upper

216 100

214 80.0 63.5 95.3

179 21.5 16.6 25.0

108 19.5 13.8 20.8

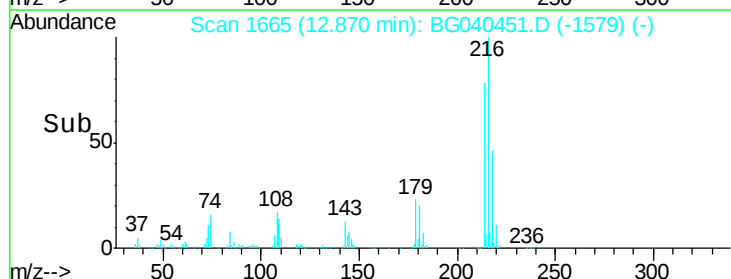
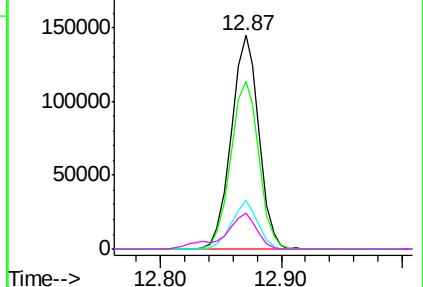


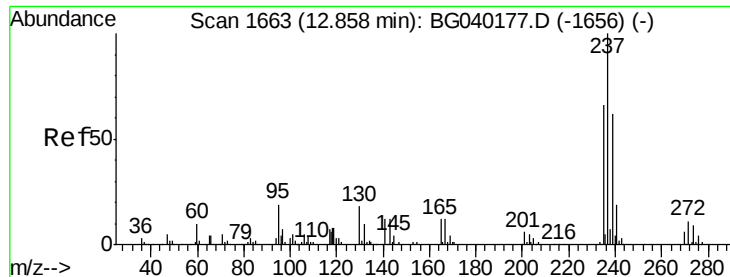
Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.784 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

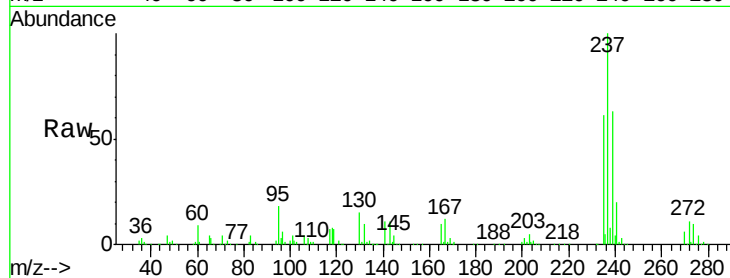
Tgt Ion: 237 Resp: 257763

Ion Ratio Lower Upper

237 100

235 61.0 46.2 86.2

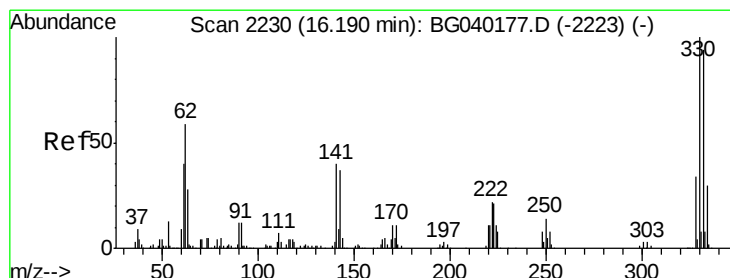
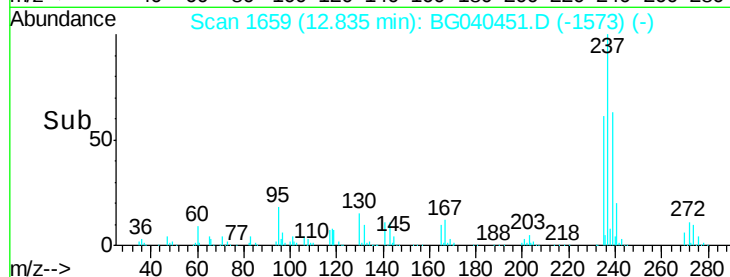
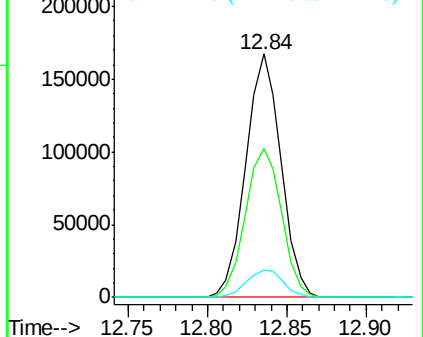
272 11.2 0.0 30.5



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: 142.573 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

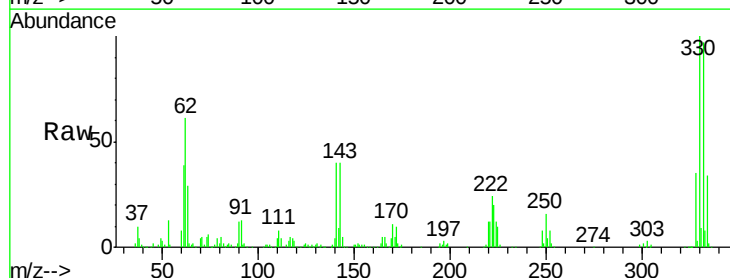
Tgt Ion: 330 Resp: 268432

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

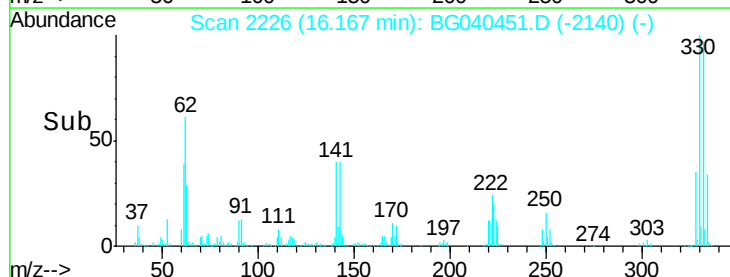
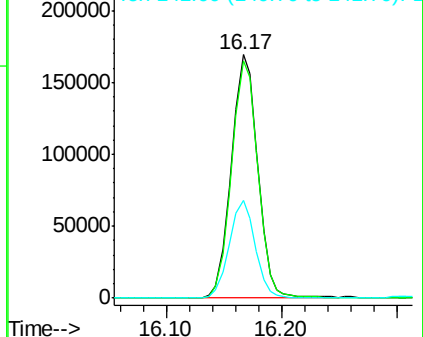
141 39.8 32.6 48.8

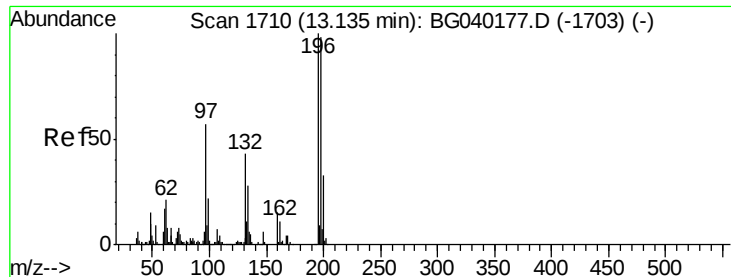


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

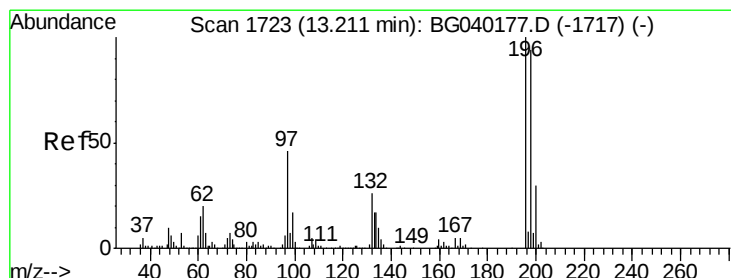
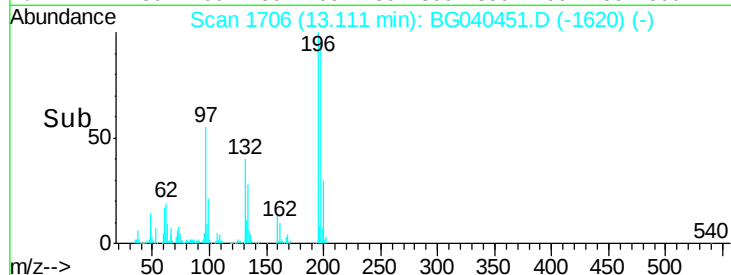
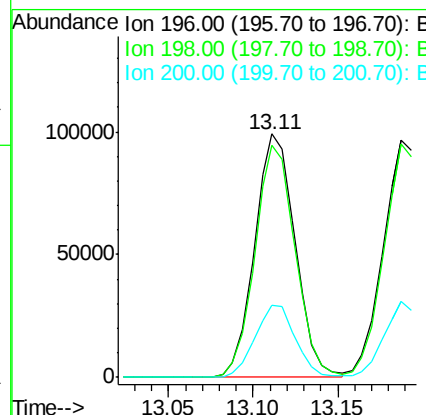
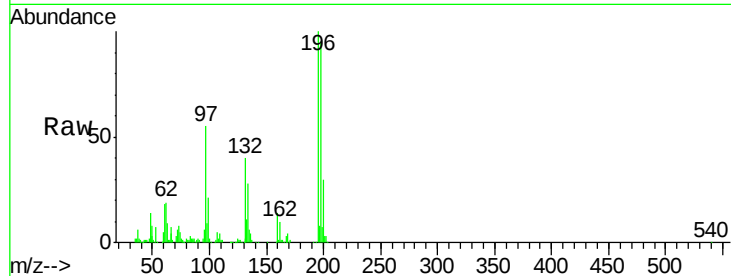




#43
 2,4,6-Trichlorophenol
 Concen: 46.267 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

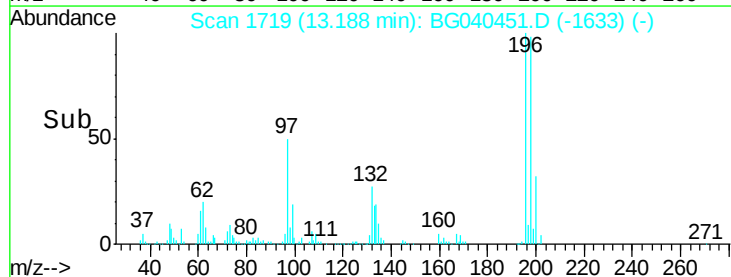
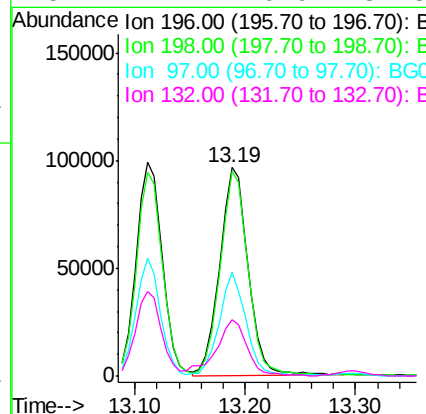
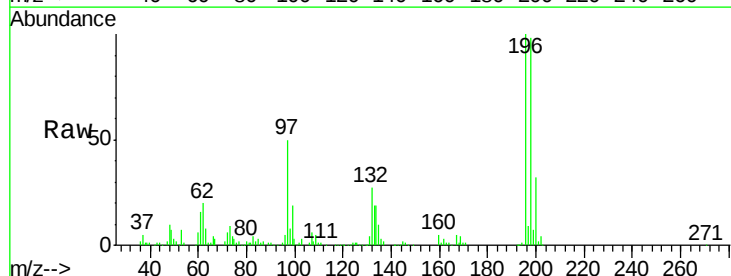
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion:196 Resp: 165167
 Ion Ratio Lower Upper
 196 100
 198 95.5 78.3 117.5
 200 29.6 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 44.106 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion:196 Resp: 171621
 Ion Ratio Lower Upper
 196 100
 198 98.1 75.0 112.6
 97 49.9 37.3 55.9
 132 27.1 20.9 31.3

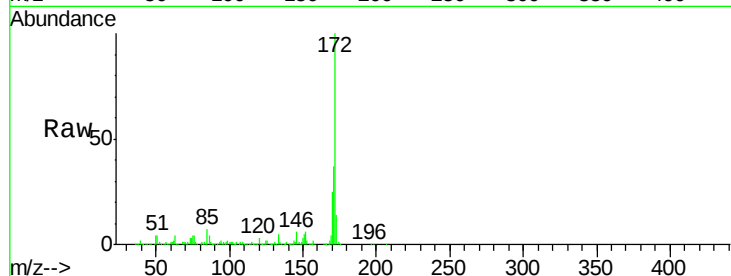




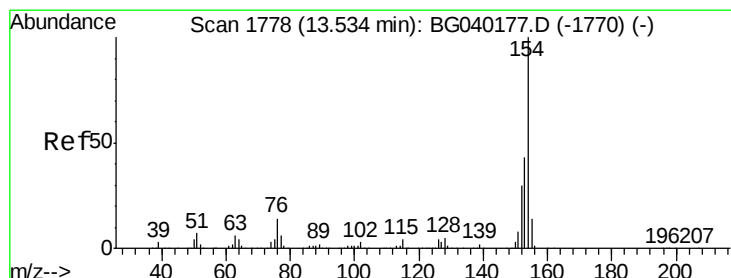
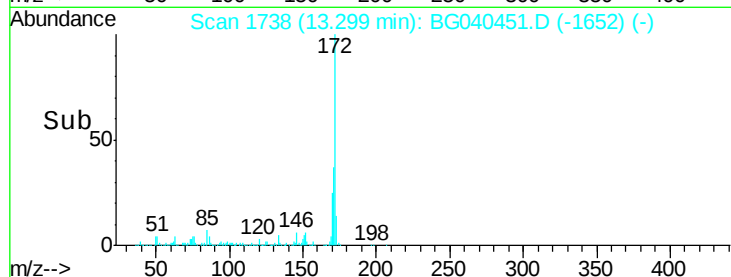
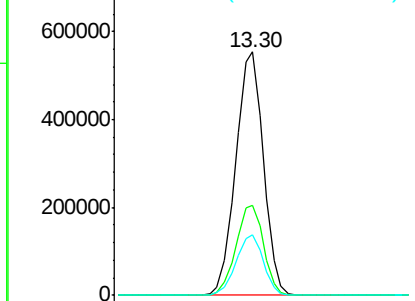
#45
2-Fluorobiphenyl
Concen: 75.185 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion:172 Resp: 883946
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 25.0 20.1 30.1

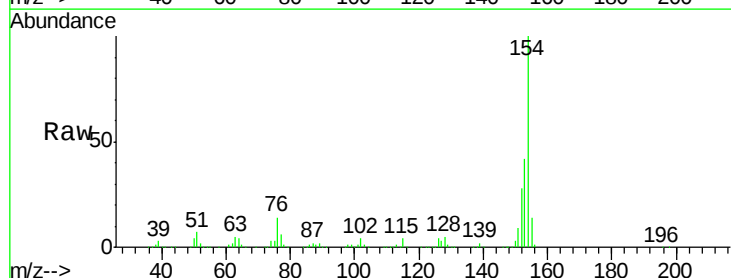


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

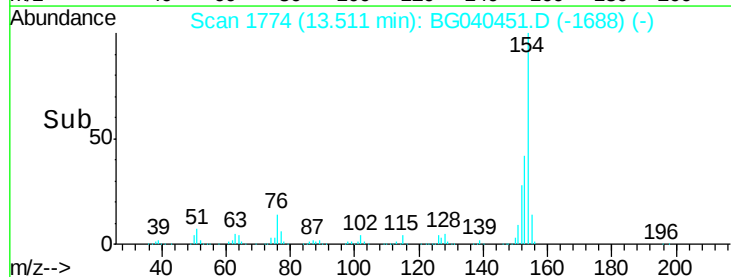
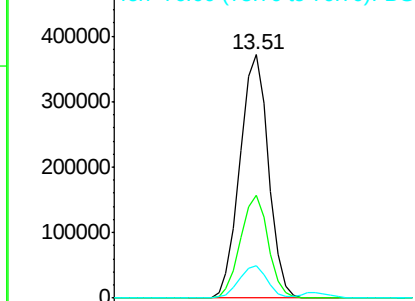


#46
1,1'-Biphenyl
Concen: 42.081 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:154 Resp: 579245
Ion Ratio Lower Upper
154 100
153 42.4 22.5 62.5
76 13.6 0.0 33.7



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





#47

2-Chloronaphthalene

Concen: 42.545 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

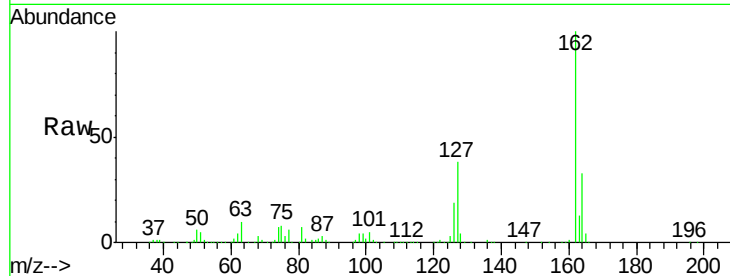
Tgt Ion: 162 Resp: 449210

Ion Ratio Lower Upper

162 100

127 37.8 30.6 45.8

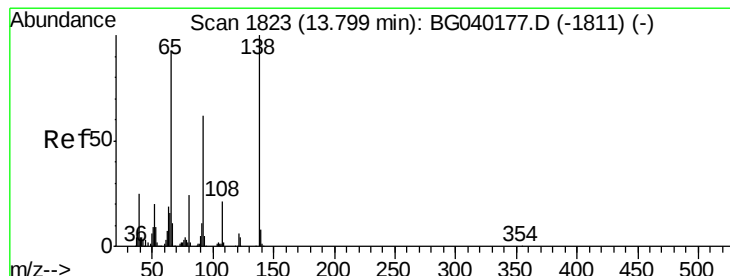
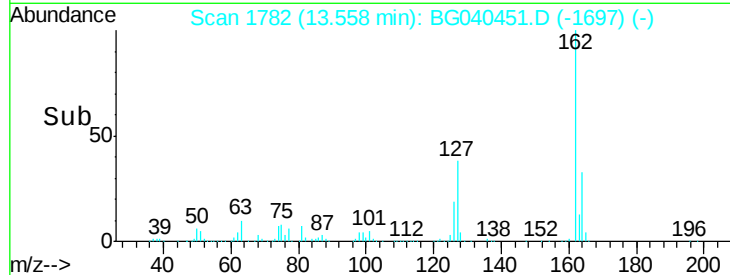
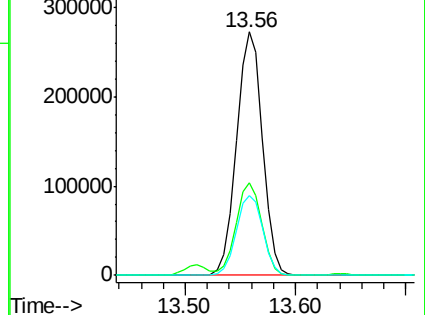
164 32.9 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 44.532 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

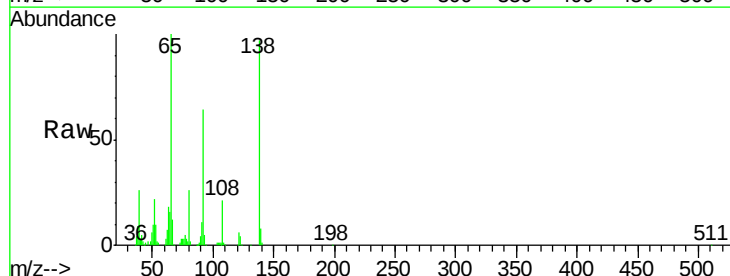
Tgt Ion: 65 Resp: 158601

Ion Ratio Lower Upper

65 100

92 63.7 53.8 80.6

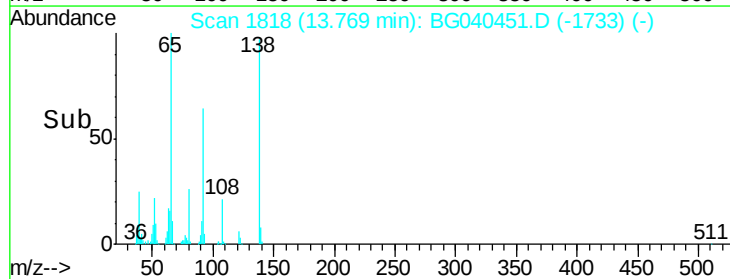
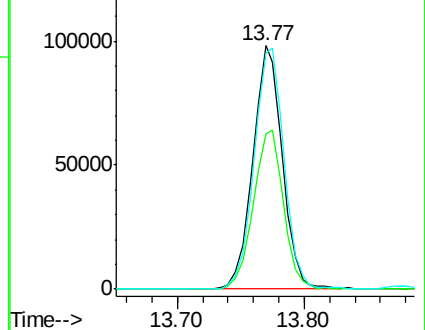
138 96.9 86.3 129.5

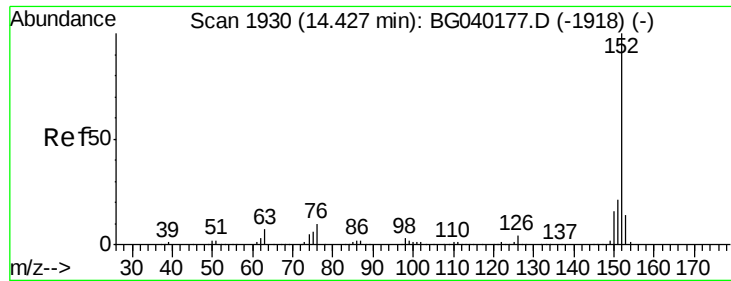


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.319 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

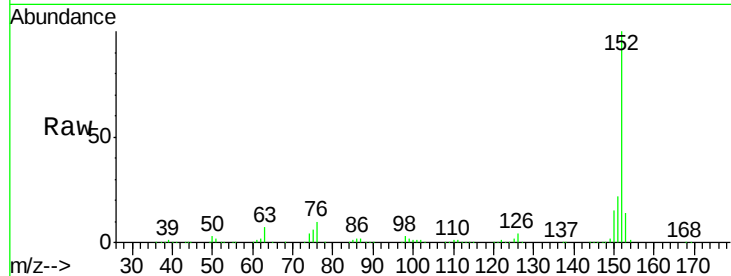
Tgt Ion:152 Resp: 739696

Ion Ratio Lower Upper

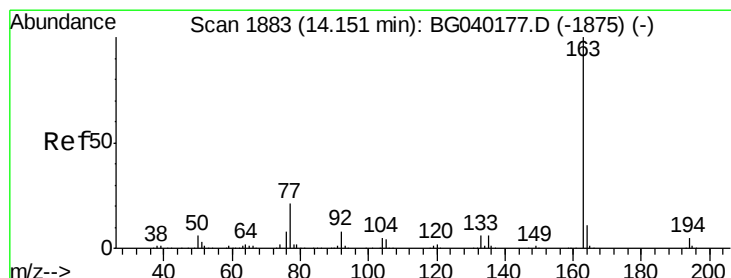
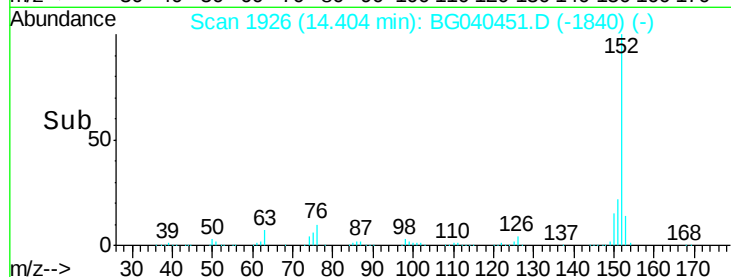
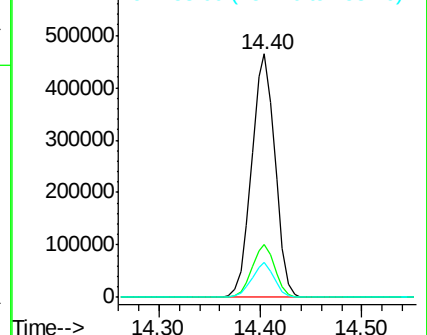
152 100

151 21.8 17.0 25.6

153 14.1 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: 42.436 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

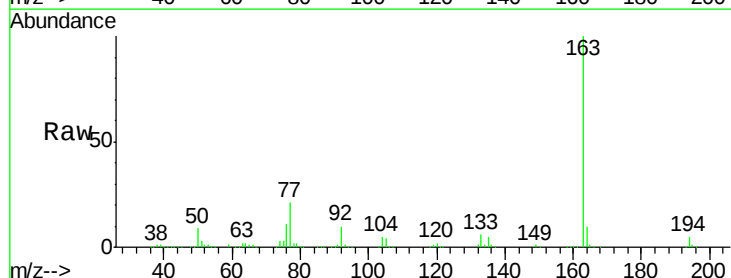
Tgt Ion:163 Resp: 578585

Ion Ratio Lower Upper

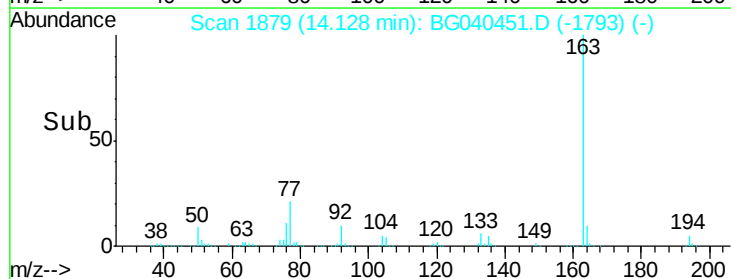
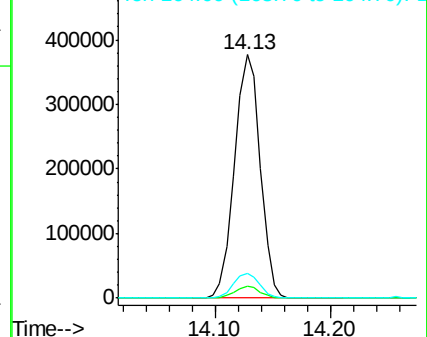
163 100

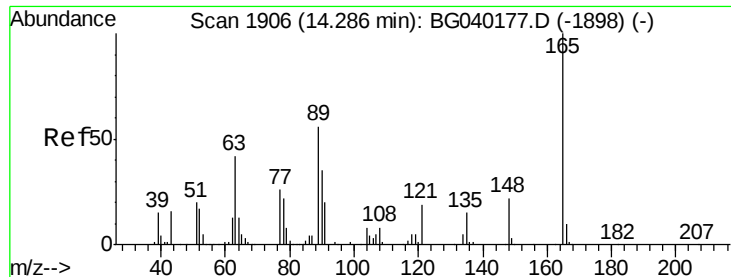
194 4.8 4.1 6.1

164 10.4 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

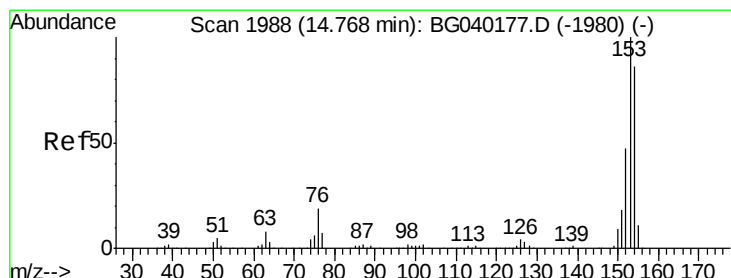
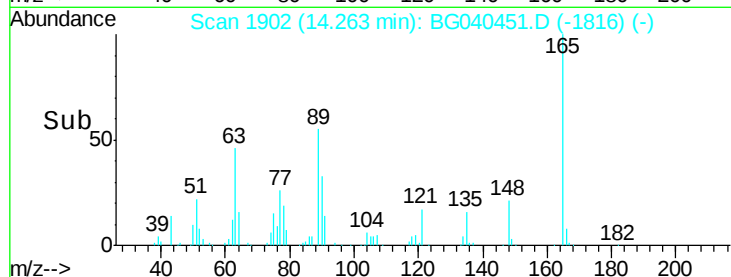
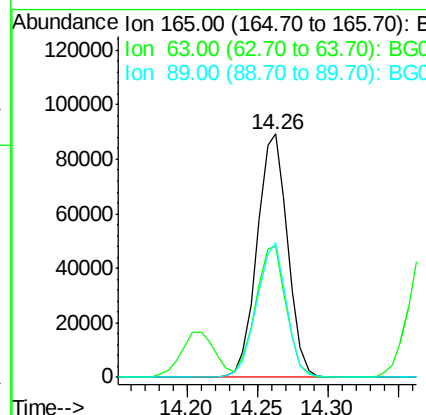
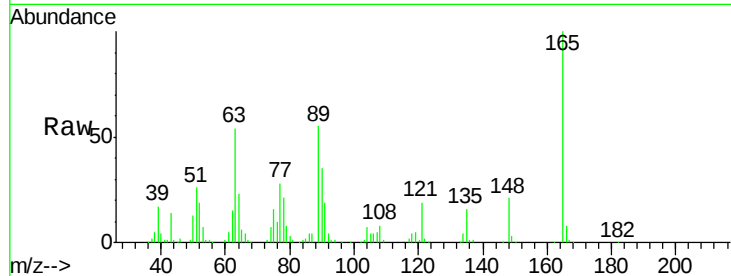




#51
 2,6-Dinitrotoluene
 Concen: 44.174 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

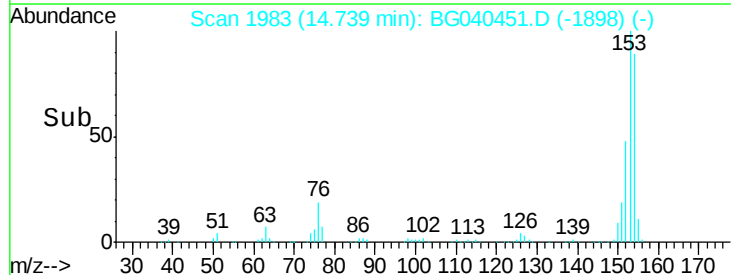
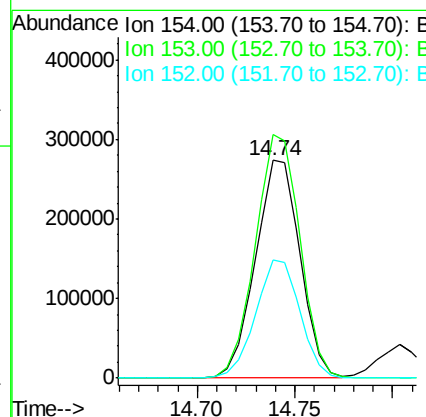
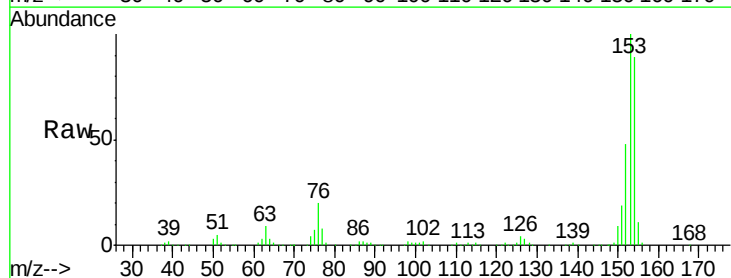
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion:165 Resp: 135236
 Ion Ratio Lower Upper
 165 100
 63 53.7 44.1 66.1
 89 55.1 44.9 67.3



#52
 Acenaphthene
 Concen: 42.211 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion:154 Resp: 433005
 Ion Ratio Lower Upper
 154 100
 153 111.8 92.8 139.2
 152 54.0 43.4 65.2





#53

3-Nitroaniline

Concen: 32.104 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

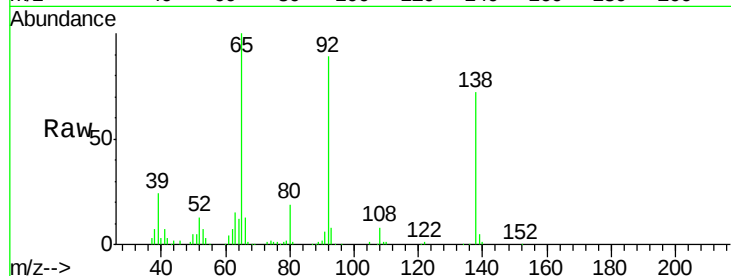
Tgt Ion:138 Resp: 104036

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

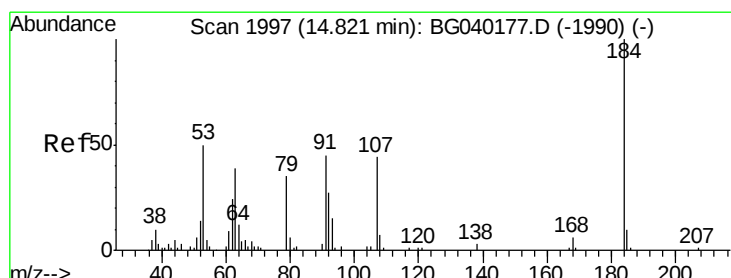
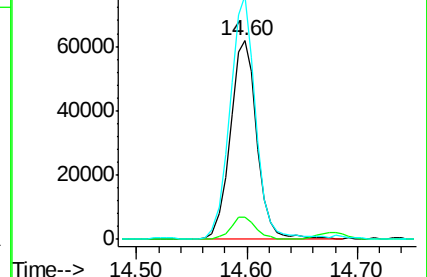
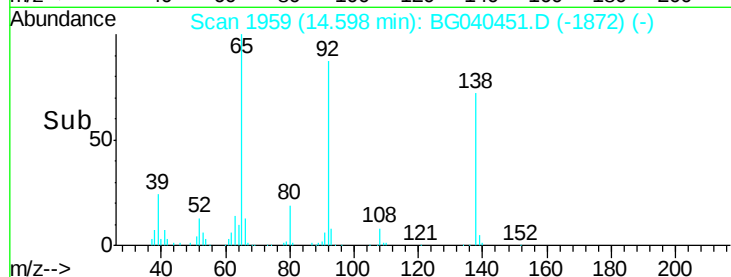
92 122.8 87.5 131.3



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): BGC



#54

2,4-Dinitrophenol

Concen: 75.039 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

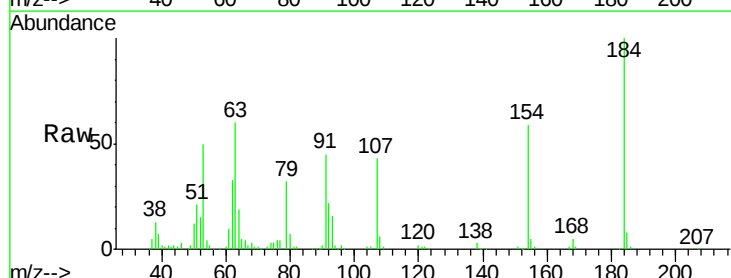
Tgt Ion:184 Resp: 122174

Ion Ratio Lower Upper

184 100

63 60.4 51.8 77.8

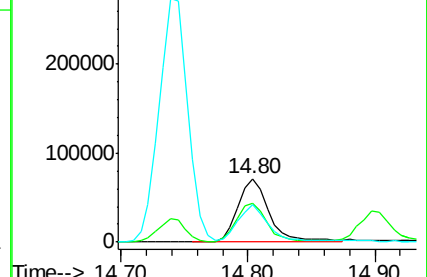
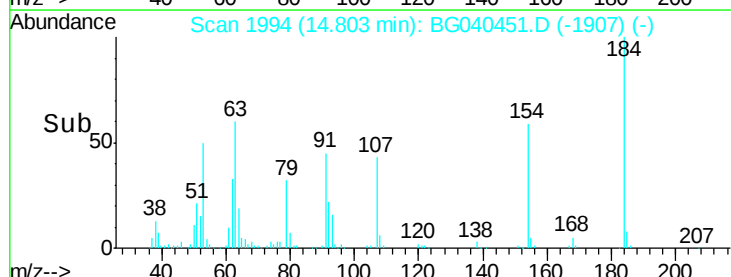
154 58.9 50.9 76.3

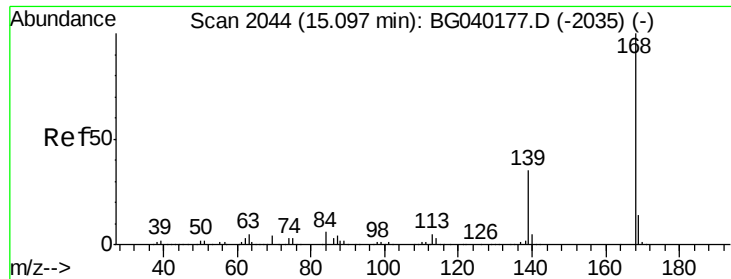


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

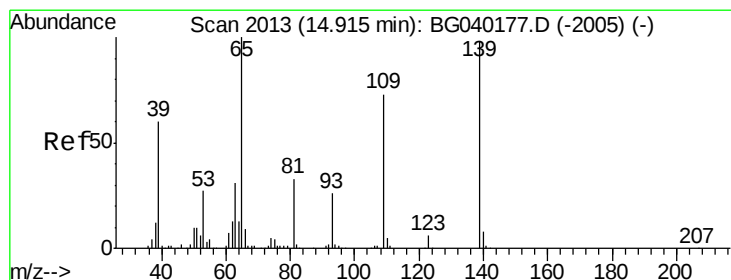
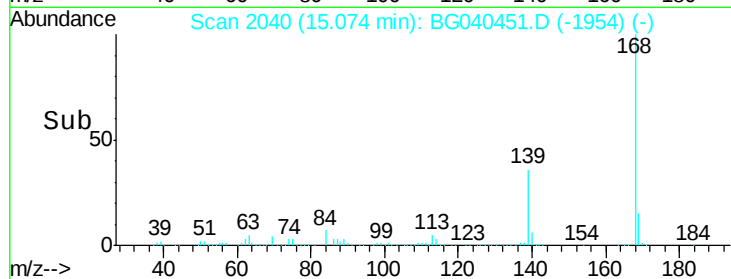
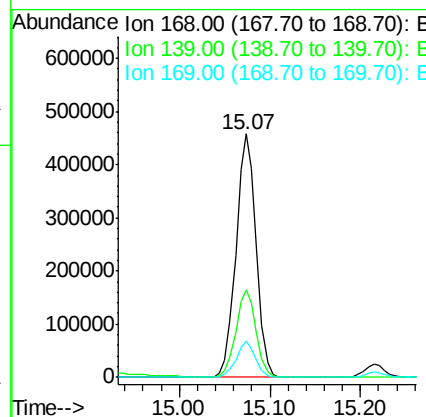
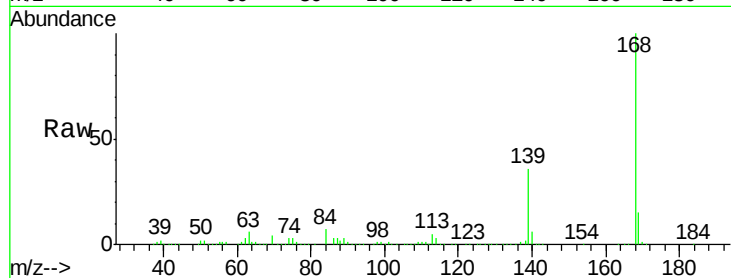




#55
Dibenzenofuran
Concen: 42.738 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

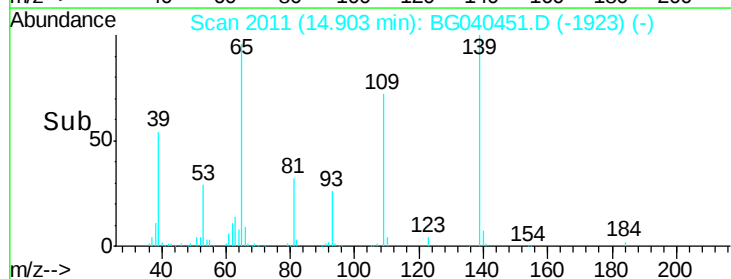
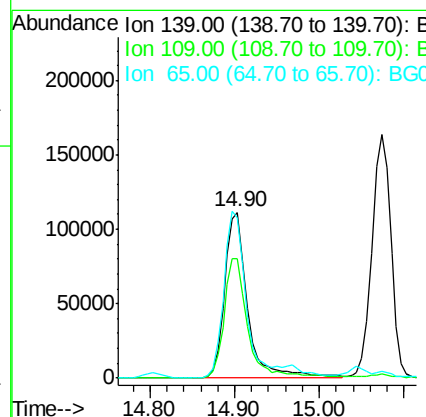
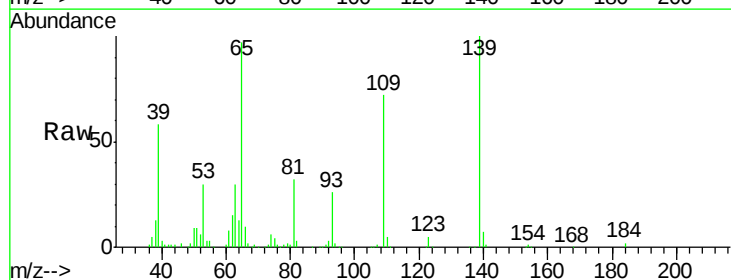
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

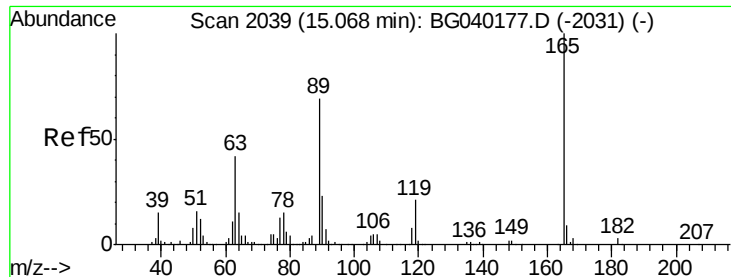
Tgt Ion:168 Resp: 704455
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 81.259 ng
RT: 14.90 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:139 Resp: 212528
Ion Ratio Lower Upper
139 100
109 72.3 54.3 94.3
65 96.7 82.5 122.5

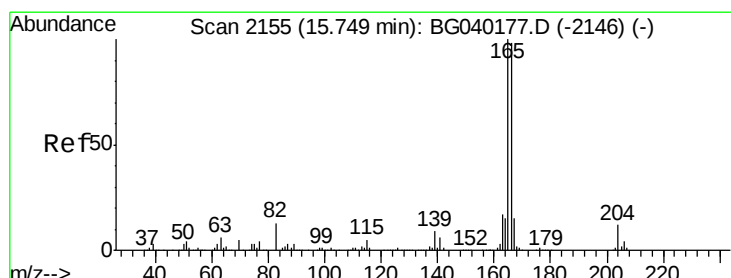
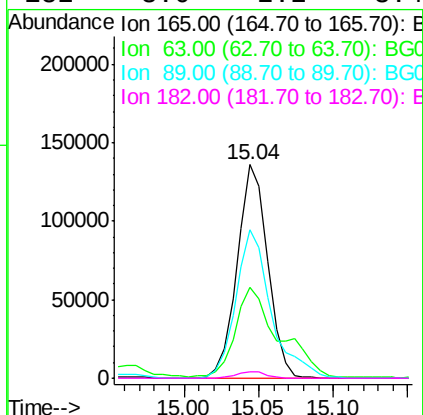
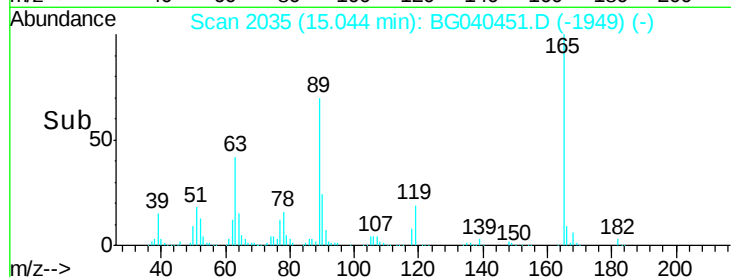
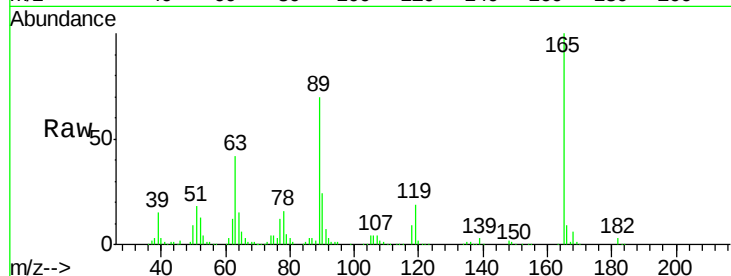




#57
2,4-Dinitrotoluene
Concen: 45.387 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

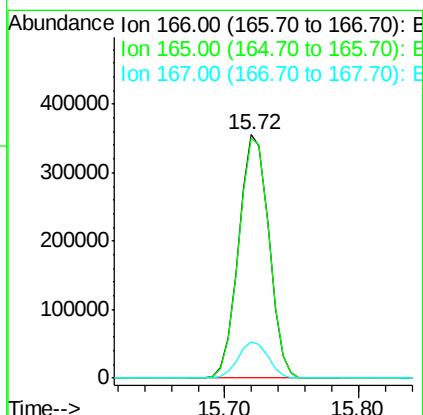
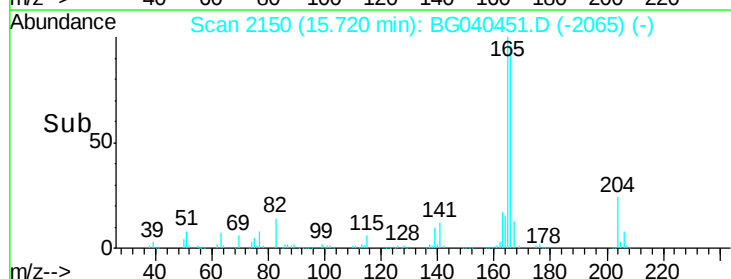
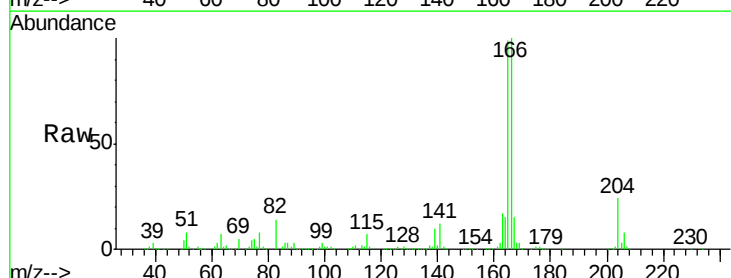
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

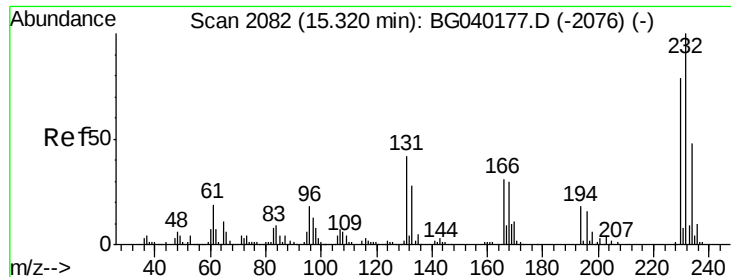
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.3	33.8	50.6
89	69.6	55.4	83.2
182	3.0	2.2	3.4



#58
Fluorene
Concen: 42.807 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	81.7	122.5
167	14.8	11.9	17.9

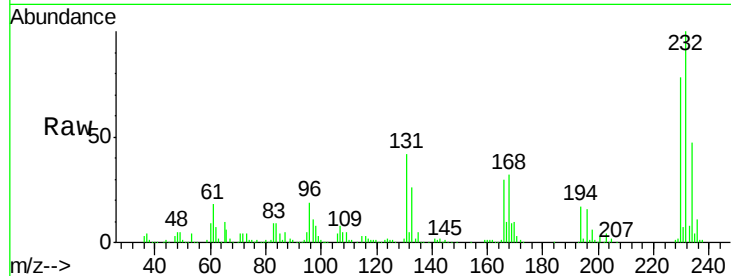




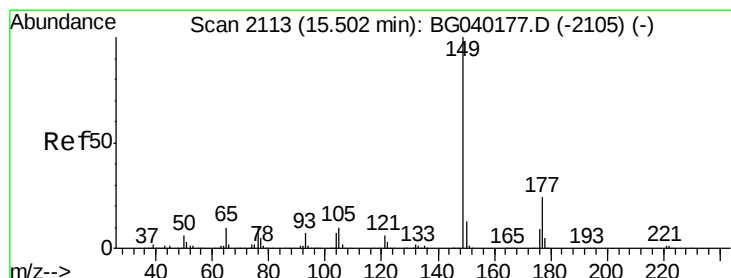
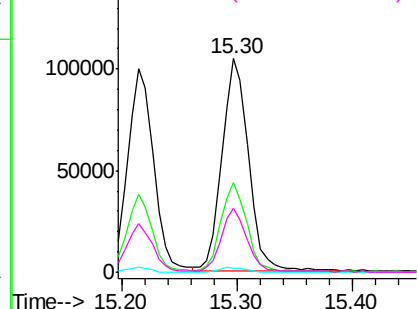
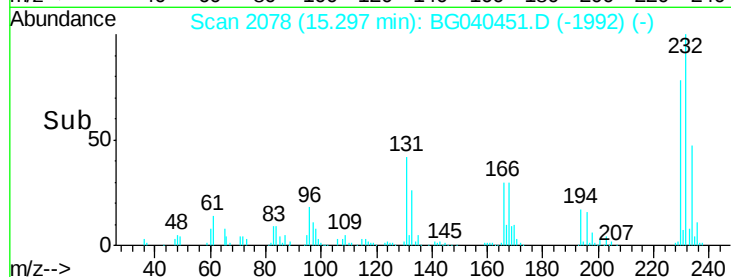
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.329 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion:	232	Resp:	167119
Ion	Ratio	Lower	Upper
232	100		
131	41.4	32.9	49.3
130	2.4	1.8	2.8
166	28.2	23.5	35.3

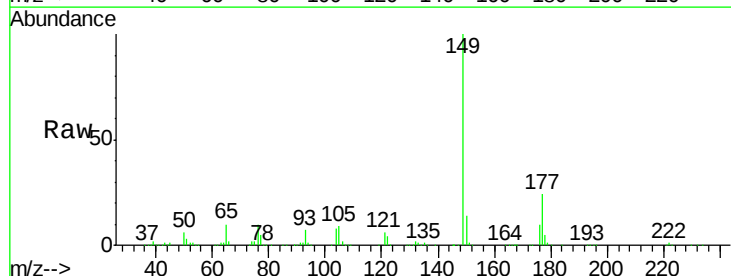


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

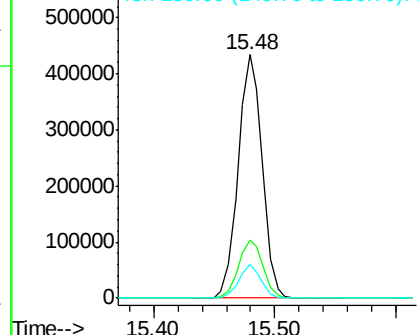
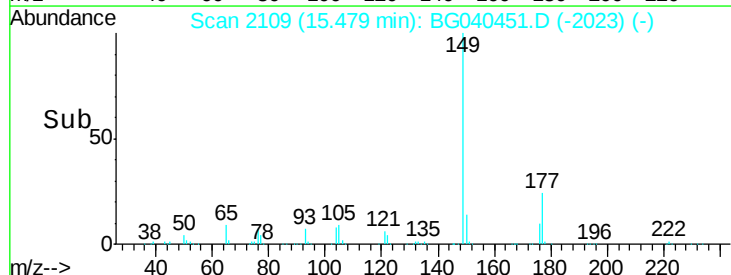


#60
 Diethylphthalate
 Concen: 42.895 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion:	149	Resp:	598476
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	13.9	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

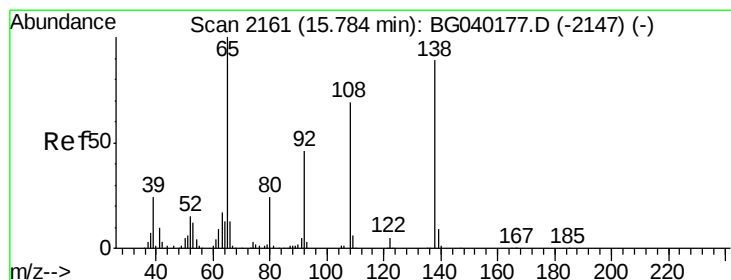
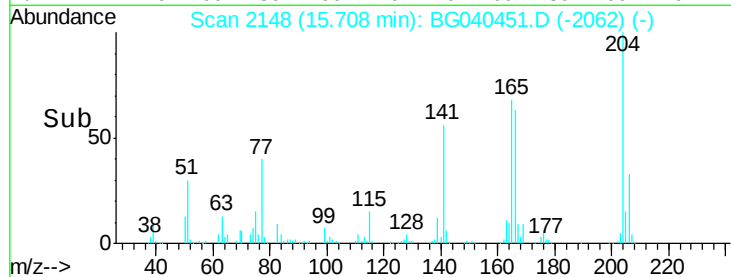
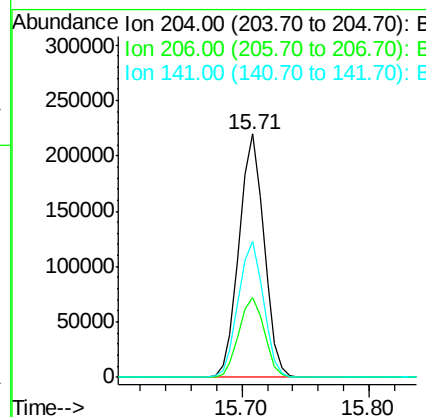
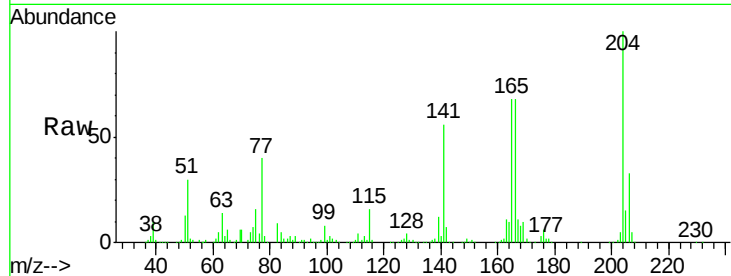




#61
 4-Chlorophenyl-phenylether
 Concen: 43.107 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

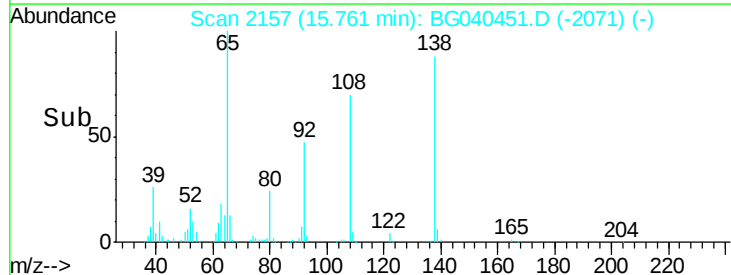
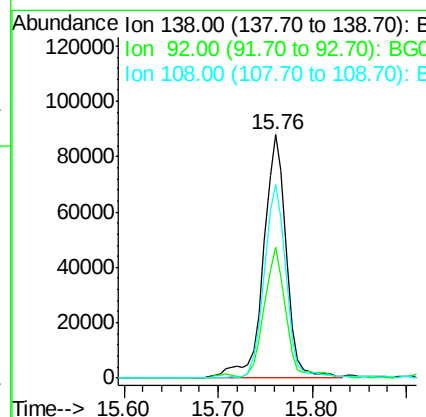
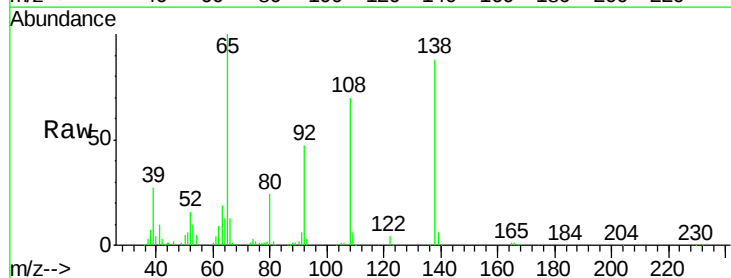
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

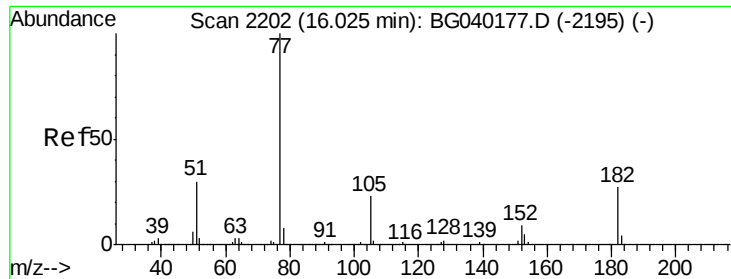
Tgt Ion: 204 Resp: 298606
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.7 38.5
 141 56.0 44.0 66.0



#62
 4-Nitroaniline
 Concen: 42.789 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion: 138 Resp: 148807
 Ion Ratio Lower Upper
 138 100
 92 53.9 31.8 71.8
 108 79.5 57.2 97.2

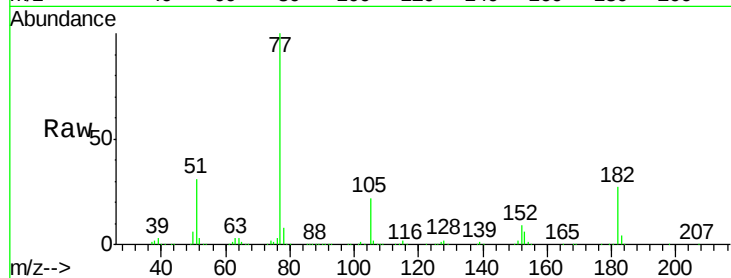




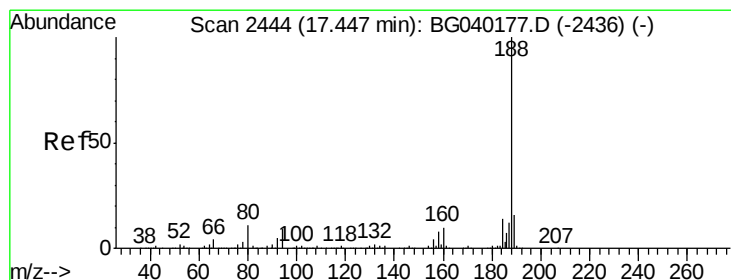
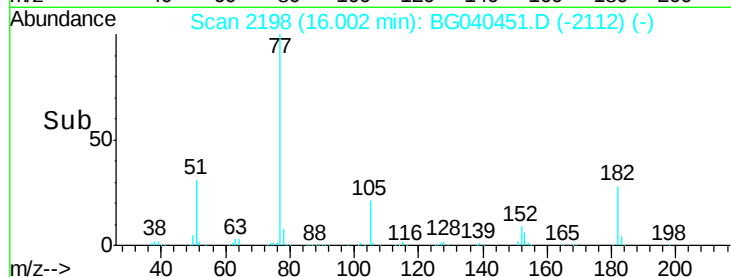
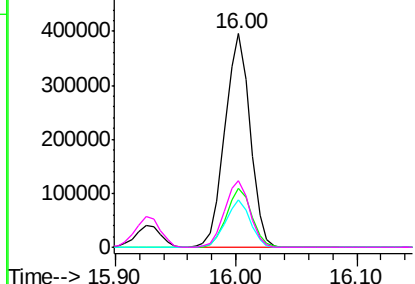
#63
Azobenzene
Concen: 43.356 ng
RT: 16.00 min Scan# 2198
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion: 77 Resp: 570575
Ion Ratio Lower Upper
77 100
182 27.4 7.2 47.2
105 22.0 2.8 42.8
51 31.0 10.4 50.4

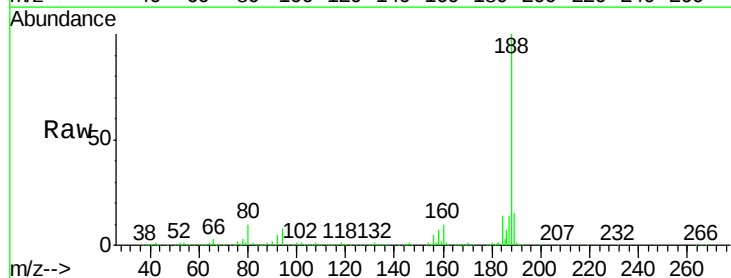


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

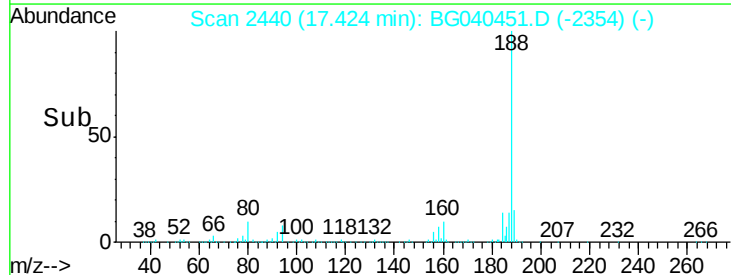
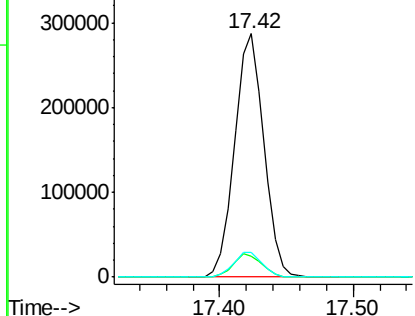


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2440
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion: 188 Resp: 435340
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.4
80 10.0 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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.788 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

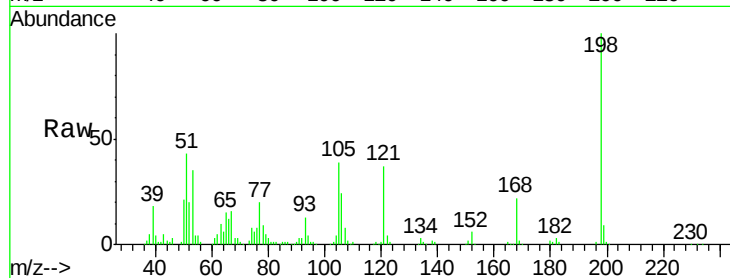
Tgt Ion:198 Resp: 104652

Ion Ratio Lower Upper

198 100

51 42.7 27.3 67.3

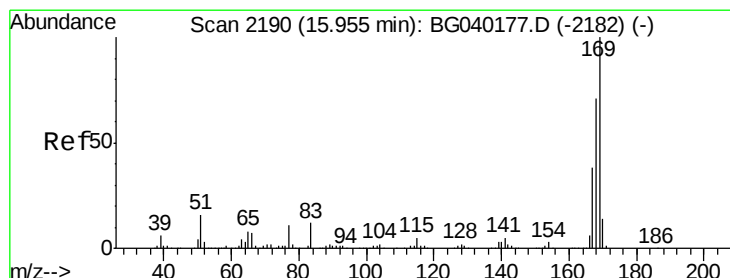
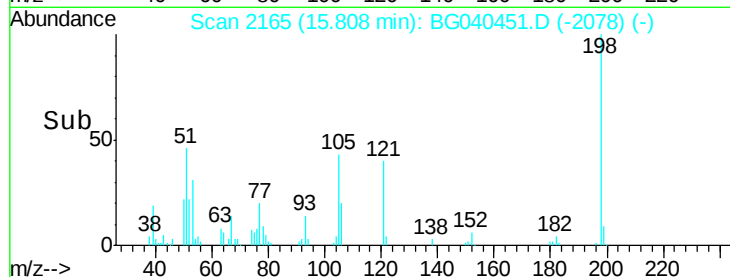
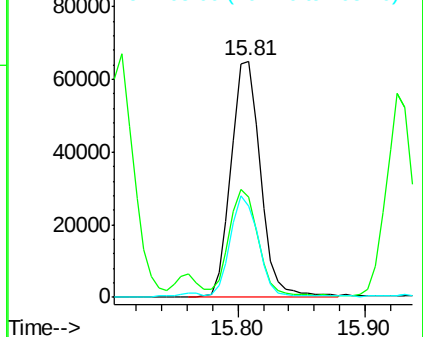
105 38.9 21.7 61.7



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: 41.628 ng

RT: 15.93 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

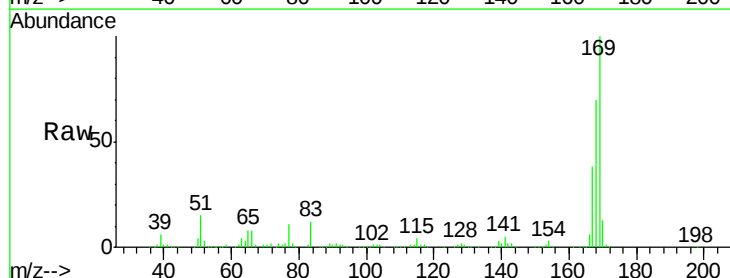
Tgt Ion:169 Resp: 530307

Ion Ratio Lower Upper

169 100

168 70.0 56.8 85.2

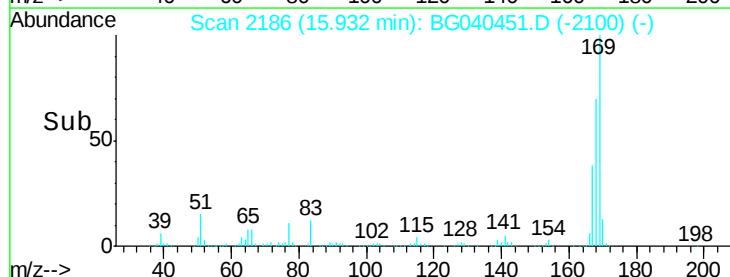
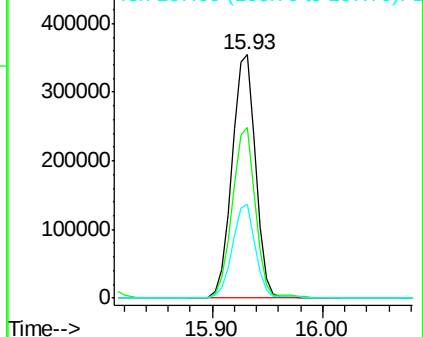
167 38.4 30.2 45.4

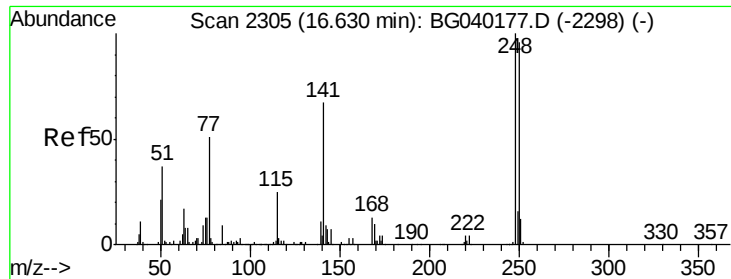


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

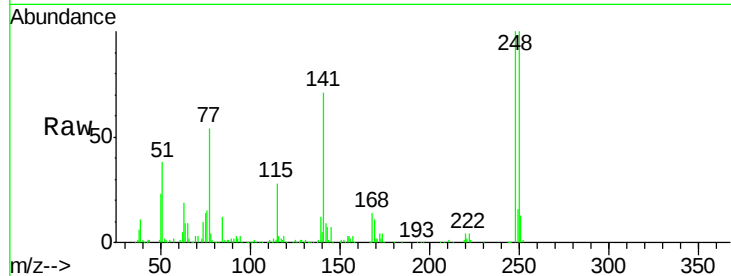




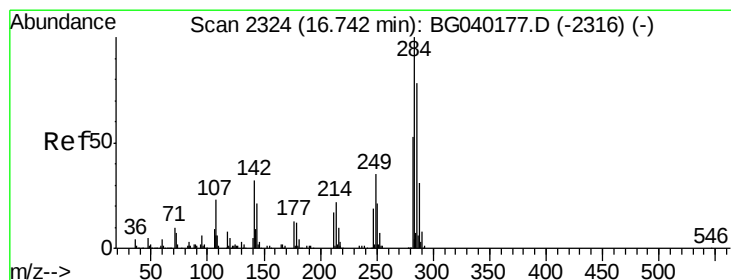
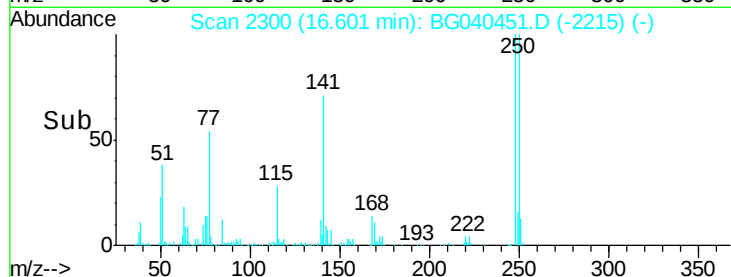
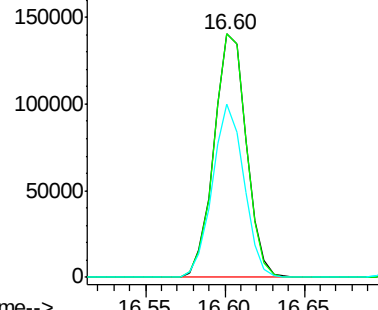
#67
 4-Bromophenyl-phenylether
 Concen: 40.508 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.8	76.4	114.6
141	71.0	53.8	80.8

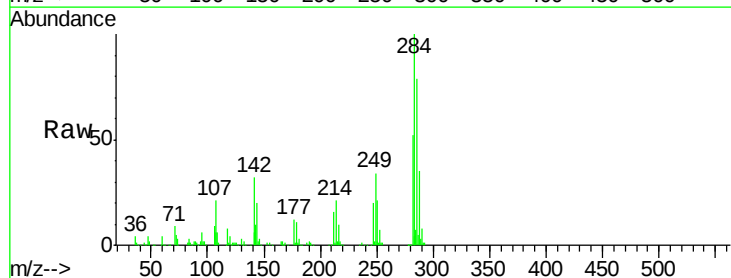


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

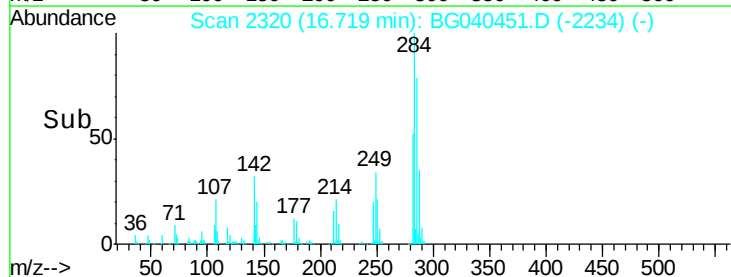
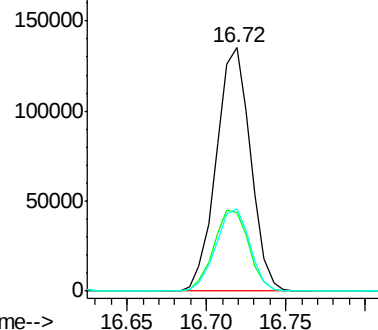


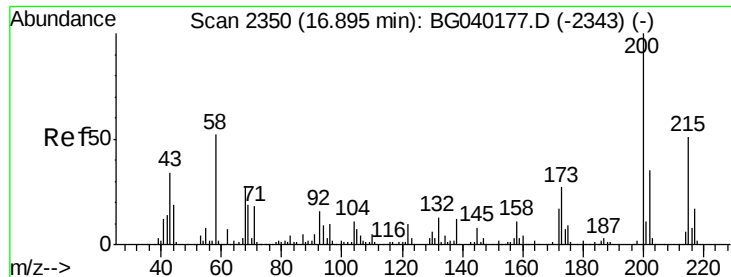
#68
 Hexachlorobenzene
 Concen: 41.095 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.3	25.3	37.9
249	33.6	28.2	42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

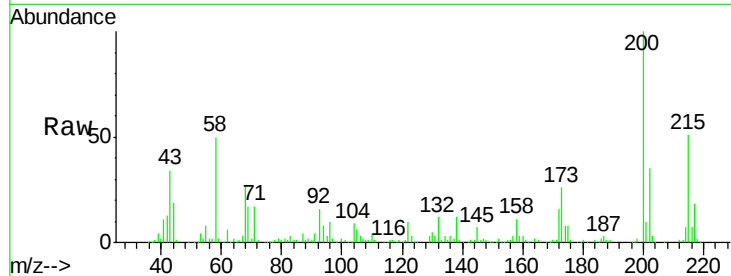




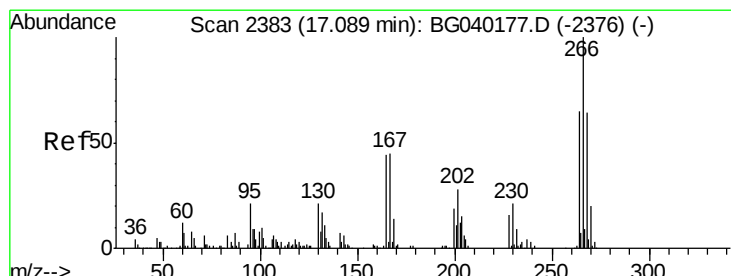
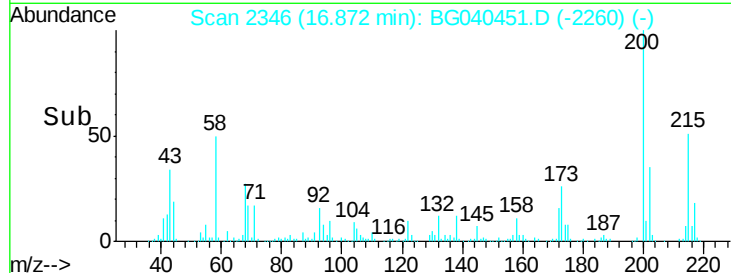
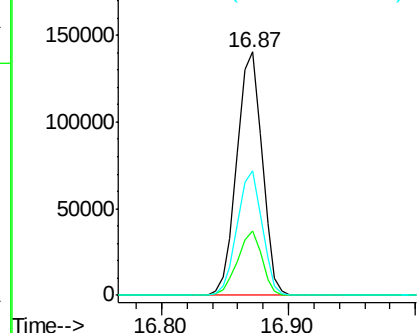
#69
 Atrazine
 Concen: 40.855 ng
 RT: 16.87 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.1	47.1
215	51.2	30.9	70.9

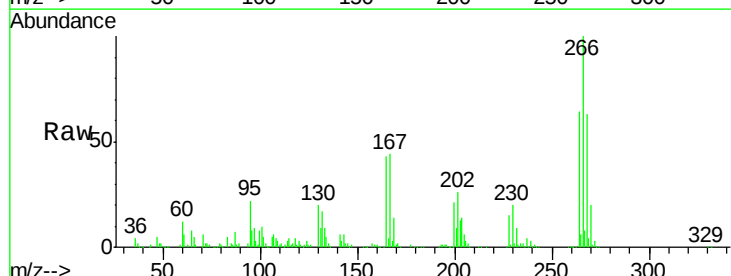


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

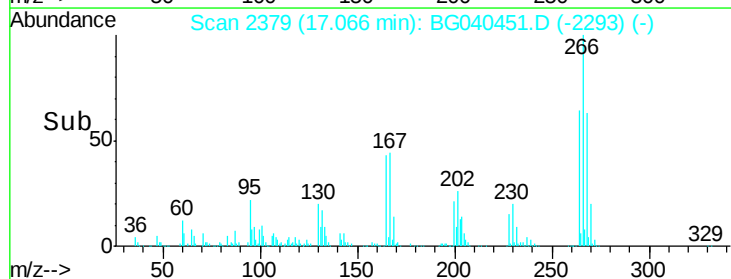
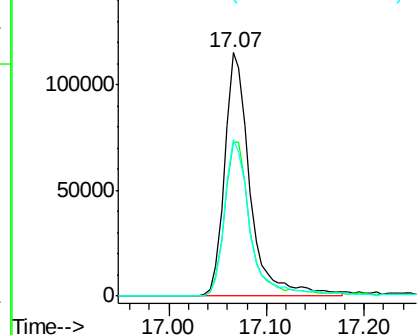


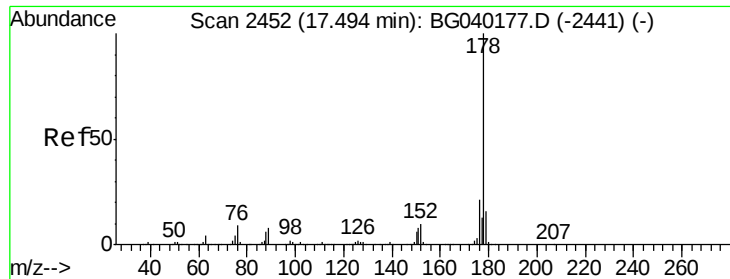
#70
 Pentachlorophenol
 Concen: 73.487 ng
 RT: 17.07 min Scan# 2379
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.0	55.0	82.4
264	64.3	51.8	77.8



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

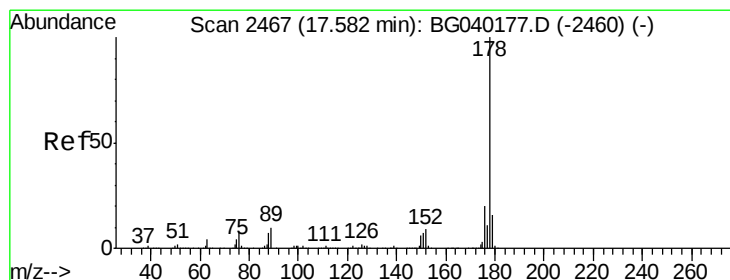
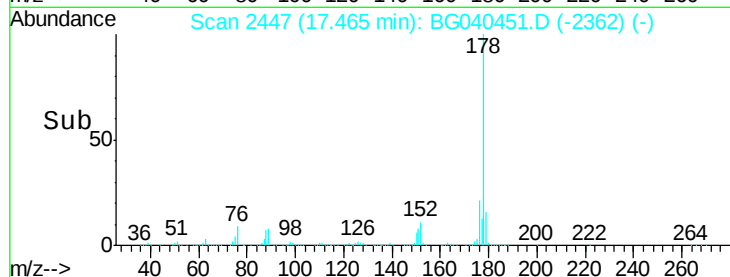
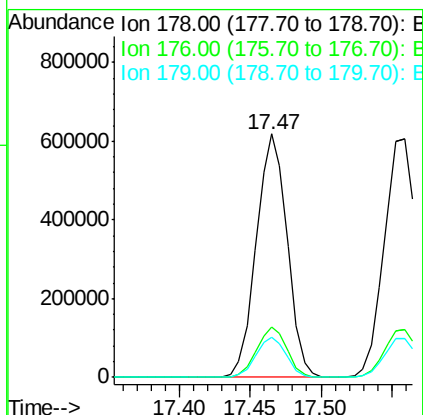
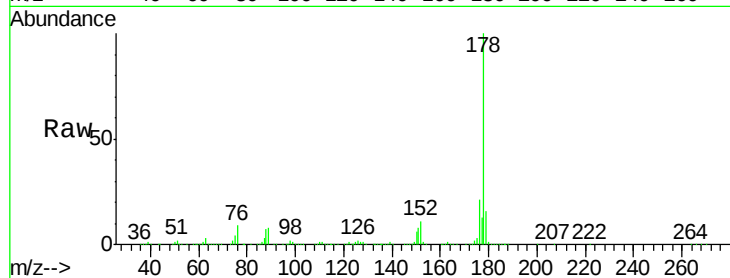




#71
Phenanthrene
Concen: 41.555 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

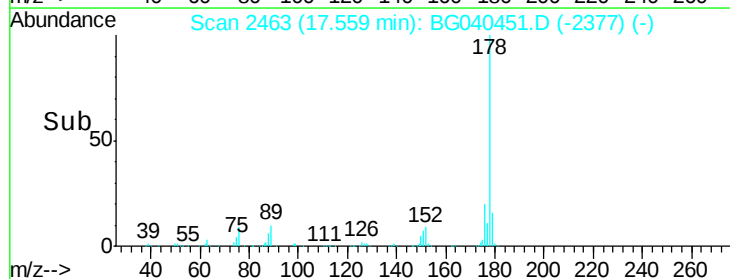
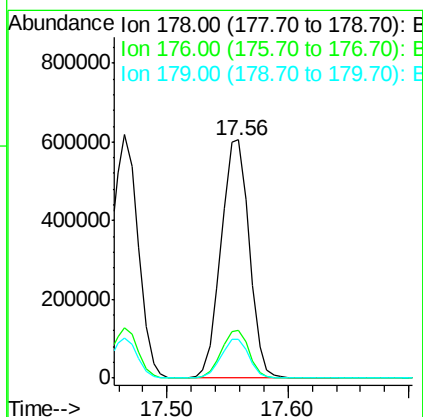
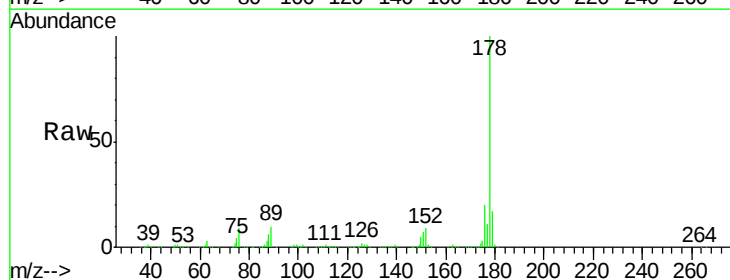
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

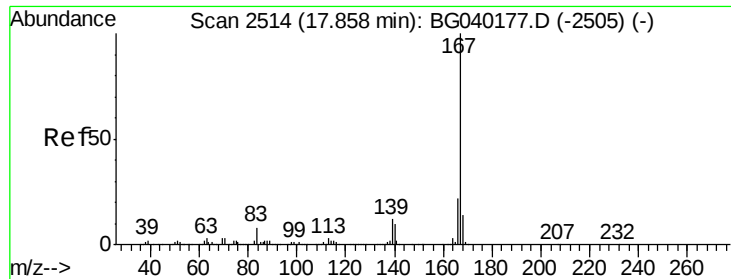
Tgt Ion:178 Resp: 950879
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 16.4 12.8 19.2



#72
Anthracene
Concen: 42.641 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:178 Resp: 976612
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 16.5 12.9 19.3

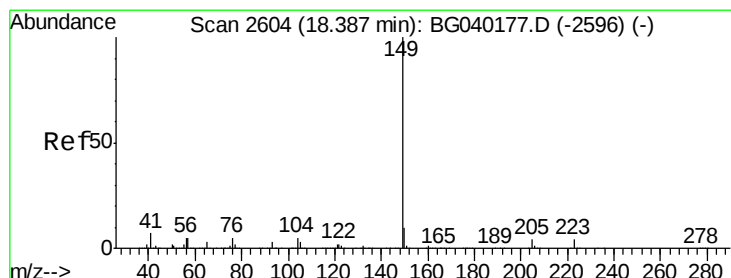
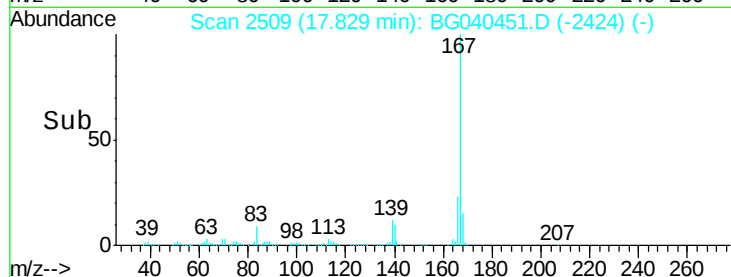
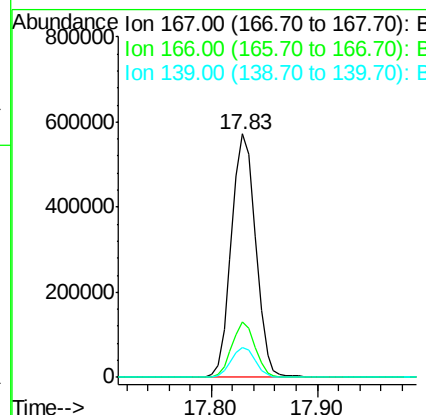
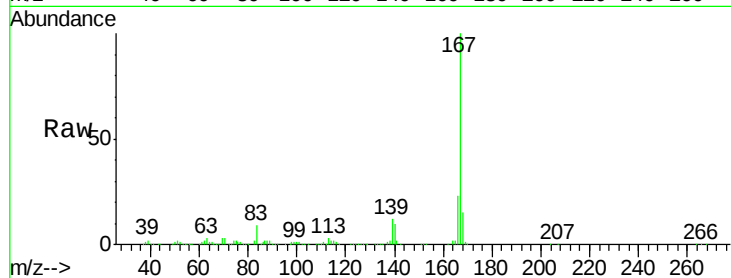




#73
 Carbazole
 Concen: 42.022 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

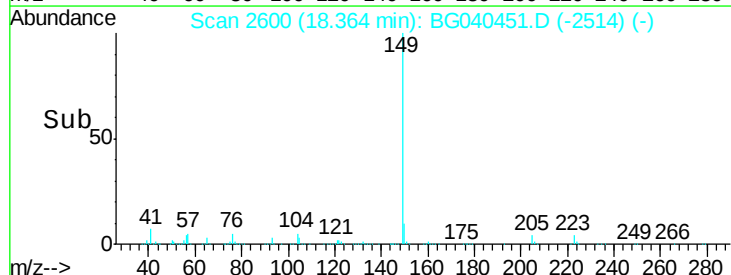
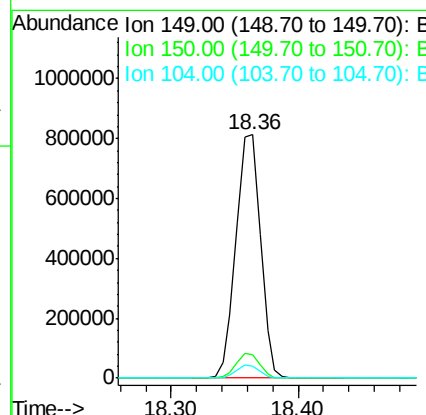
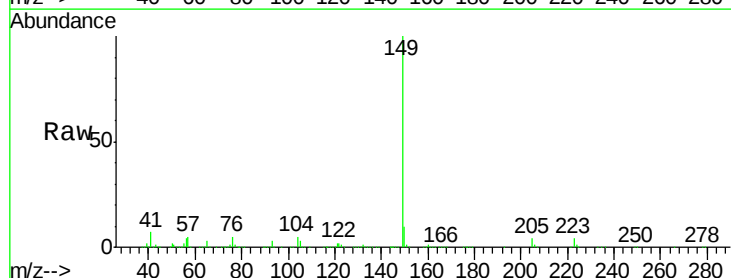
Instrument :
 BNA_G
 ClientSampleId :
 PB118783BSD

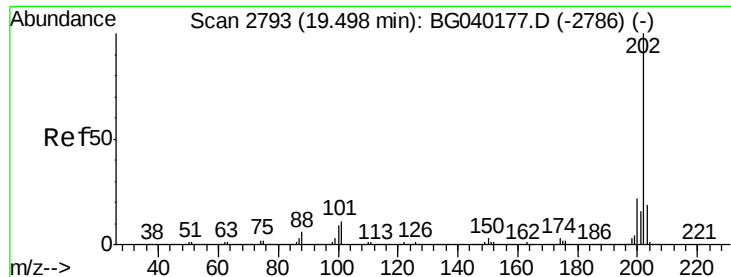
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.5	26.3
139	12.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.458 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. -0.02 min
 Lab File: BG040451.D
 Acq: 11 Apr 2019 21:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 43.021 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

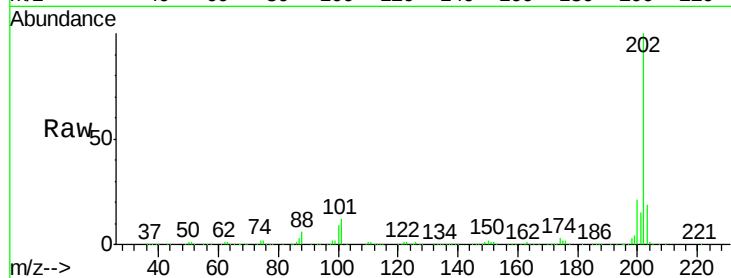
Tgt Ion:202 Resp: 1165663

Ion Ratio Lower Upper

202 100

101 11.6 0.0 30.8

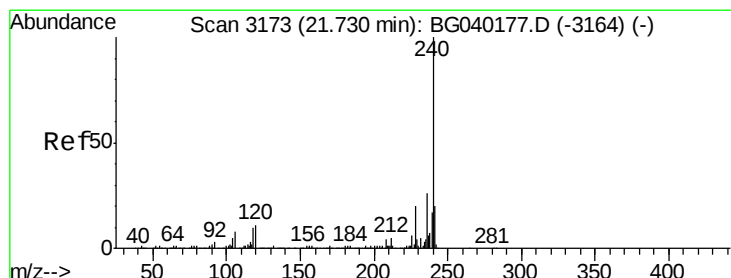
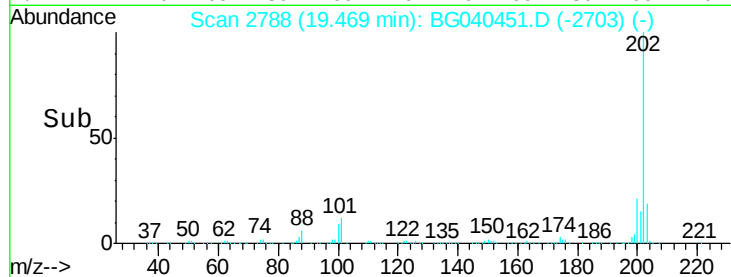
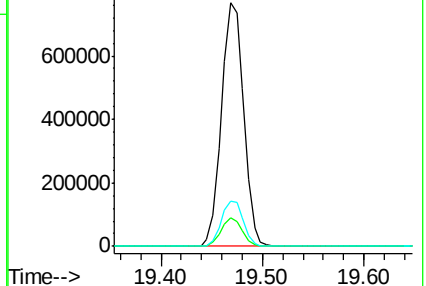
203 18.6 0.0 38.9



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: BG040451.D

Acq: 11 Apr 2019 21:29

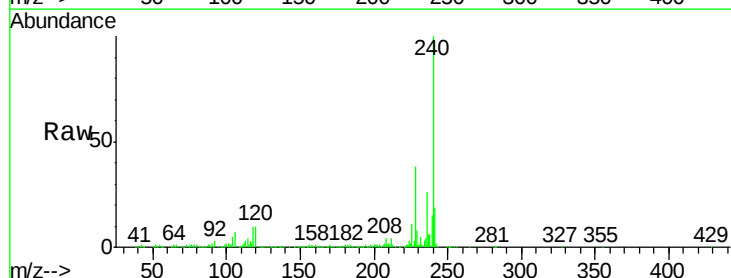
Tgt Ion:240 Resp: 423322

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

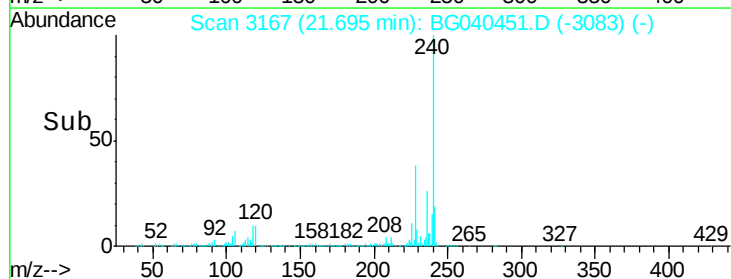
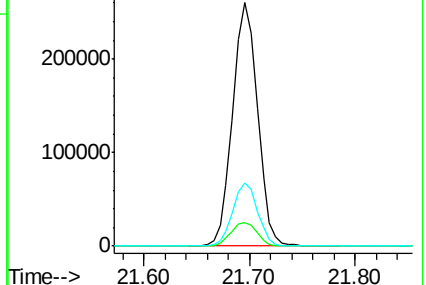
236 26.0 20.8 31.2

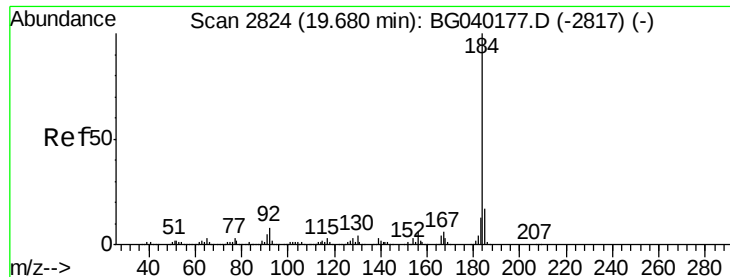


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.418 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

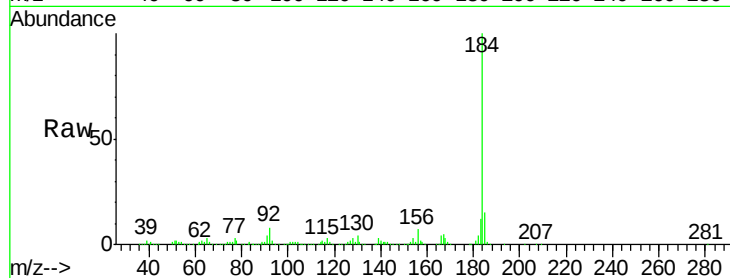
Tgt Ion:184 Resp: 388560

Ion Ratio Lower Upper

184 100

185 15.4 13.3 19.9

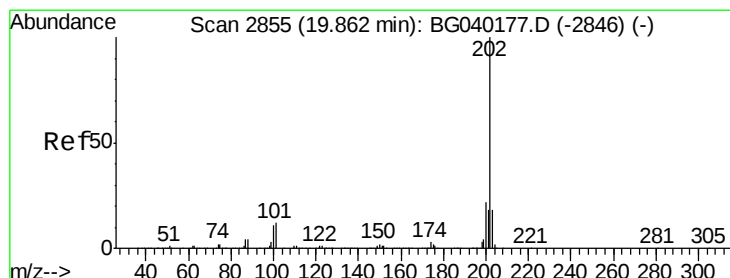
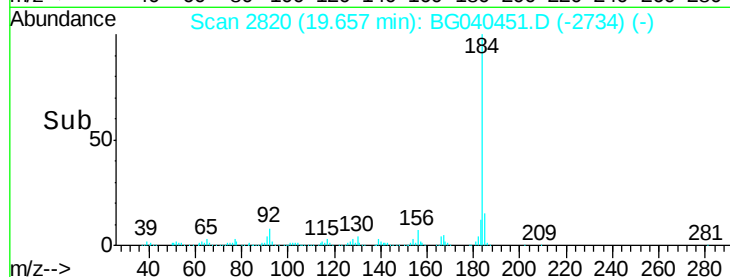
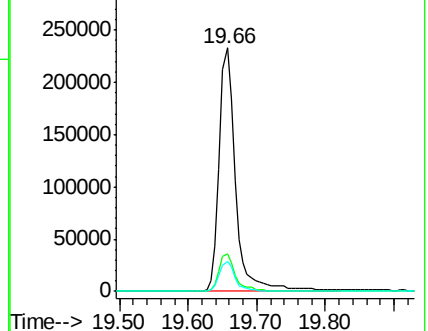
183 12.1 10.3 15.5



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: 41.495 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

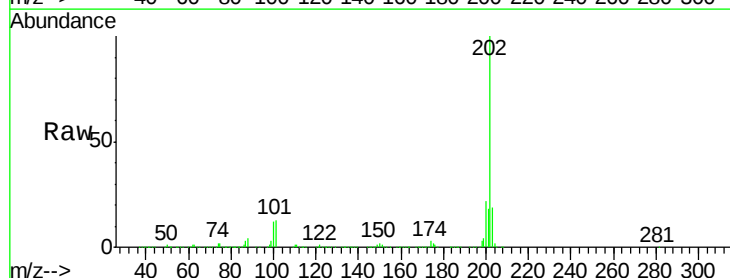
Tgt Ion:202 Resp: 1155141

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

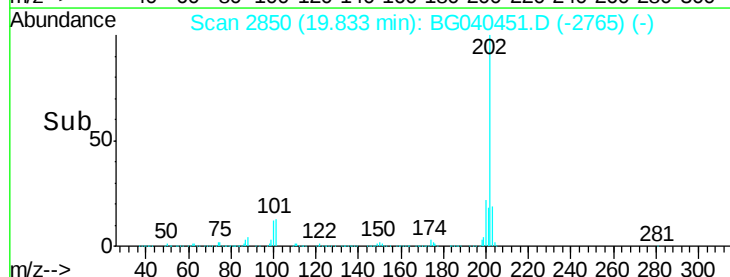
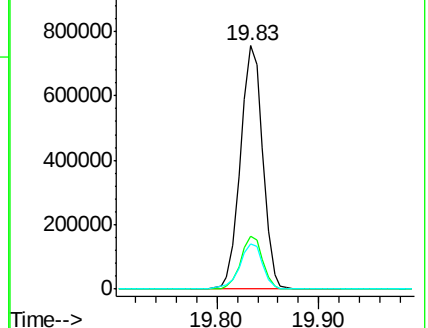
203 18.8 14.6 22.0



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: 73.825 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

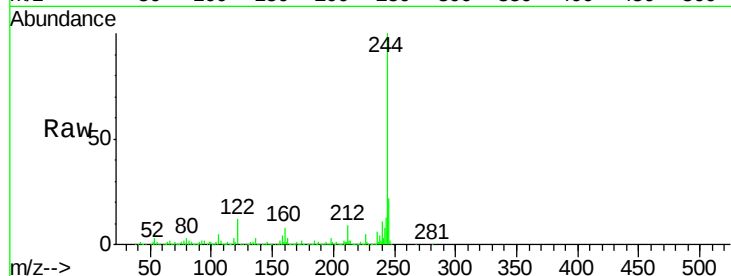
Tgt Ion:244 Resp: 1389174

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

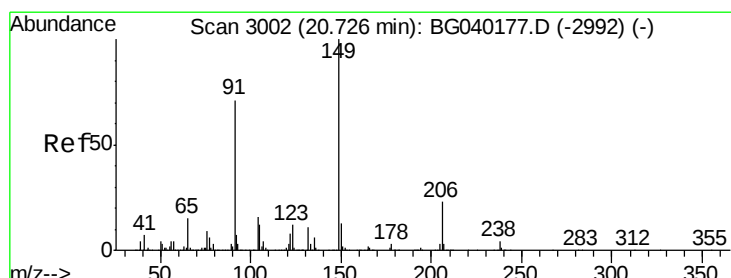
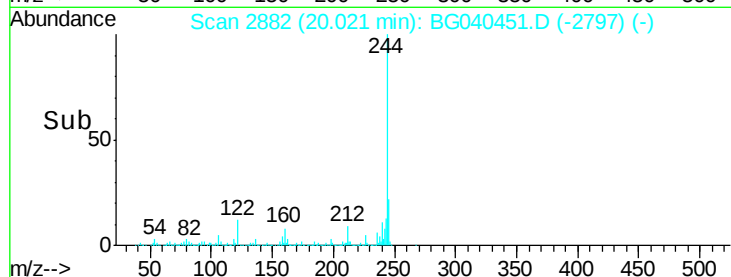
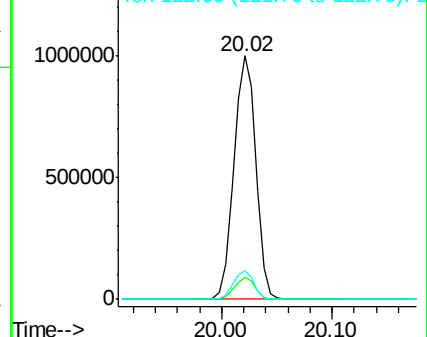
122 11.6 8.5 12.7



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: 43.346 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

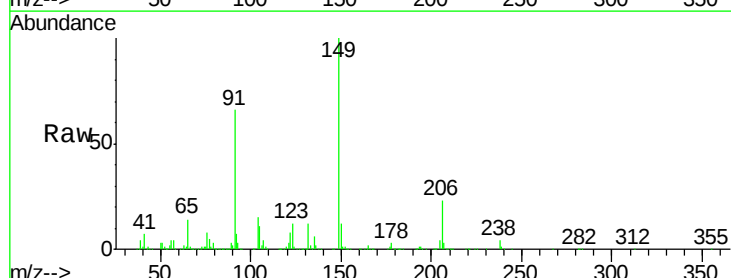
Tgt Ion:149 Resp: 516347

Ion Ratio Lower Upper

149 100

91 66.3 57.0 85.4

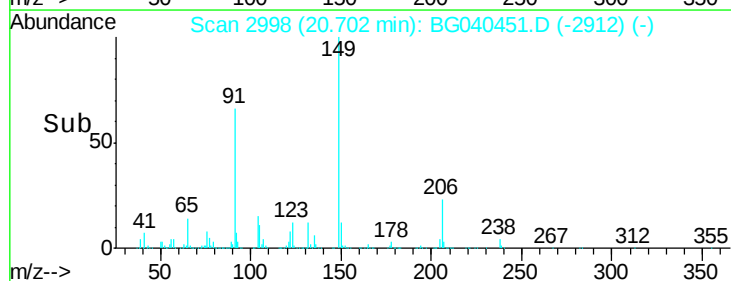
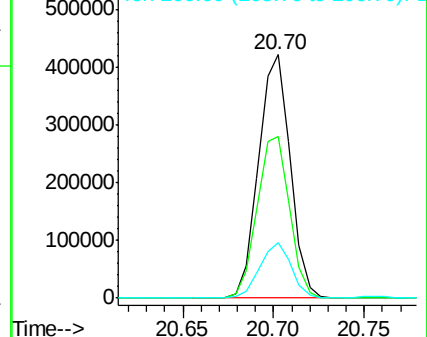
206 22.8 18.2 27.4

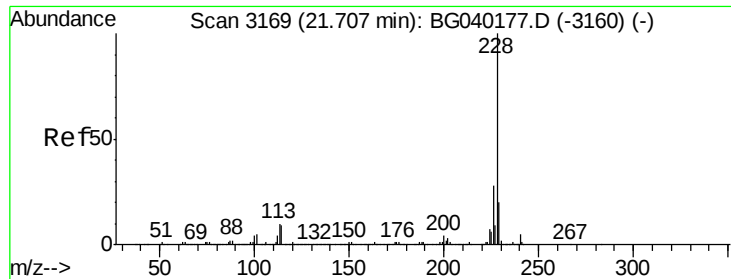


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

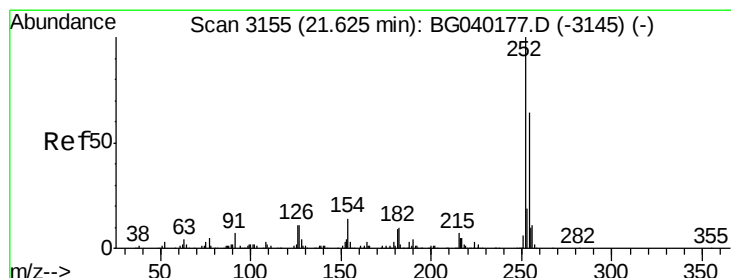
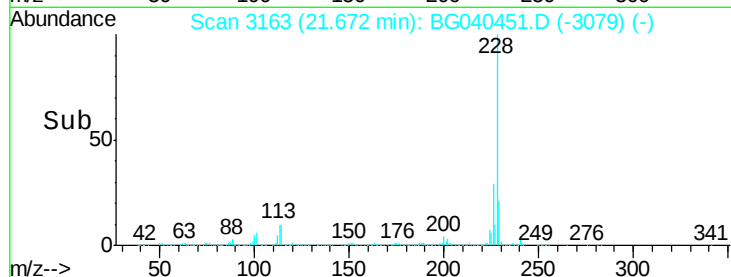
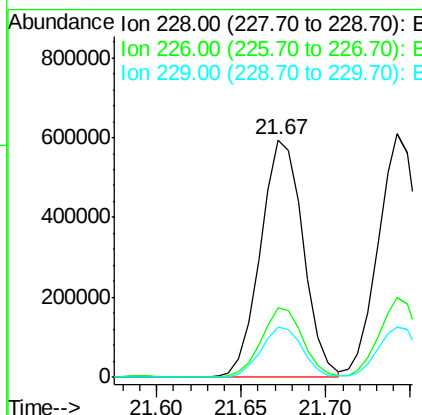
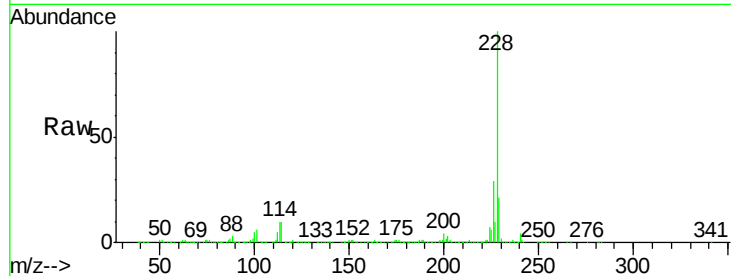




#81
Benzo(a)anthracene
Concen: 39.844 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

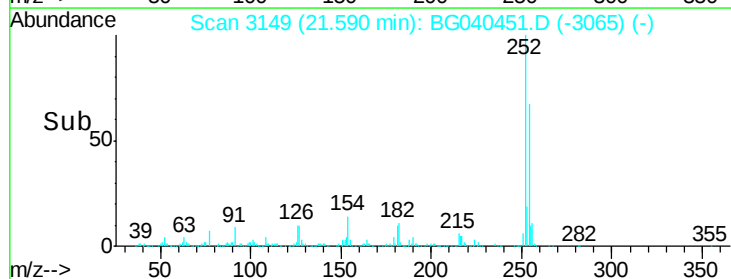
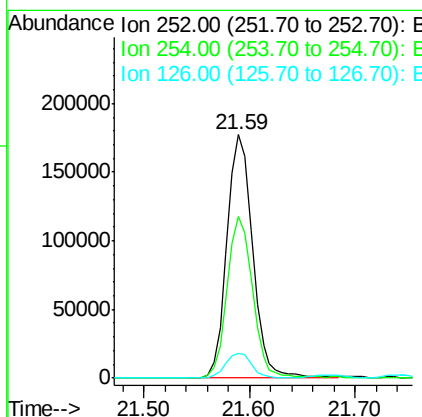
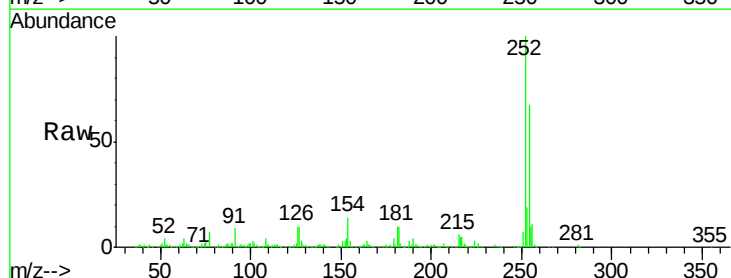
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion:228 Resp: 1038909
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 21.4 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 30.213 ng
RT: 21.59 min Scan# 3149
Delta R.T. -0.04 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:252 Resp: 299678
Ion Ratio Lower Upper
252 100
254 66.6 51.4 77.2
126 10.4 8.5 12.7





#83

Chrysene

Concen: 40.621 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.04 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

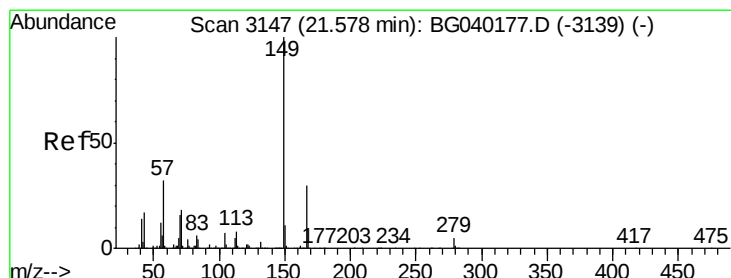
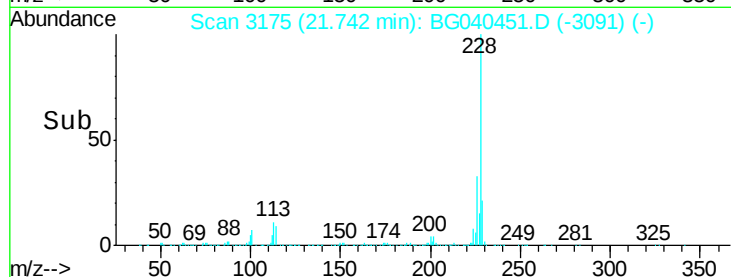
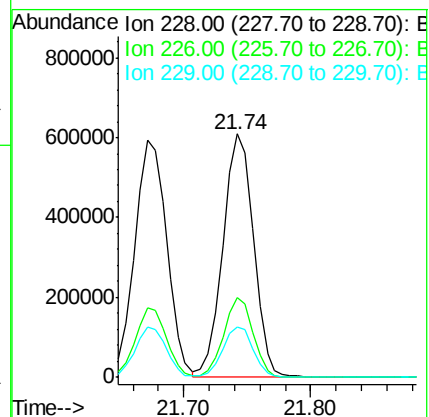
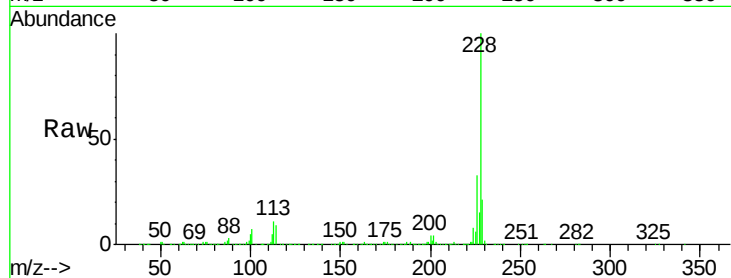
Tgt Ion:228 Resp: 1017912

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

229 20.9 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.256 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

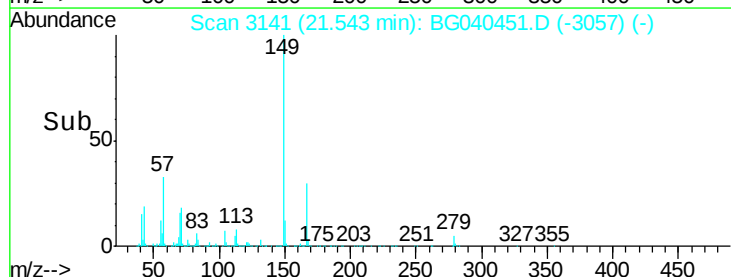
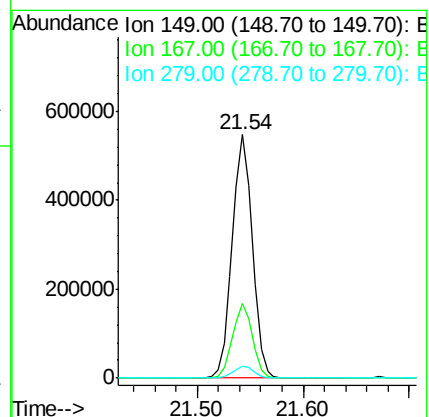
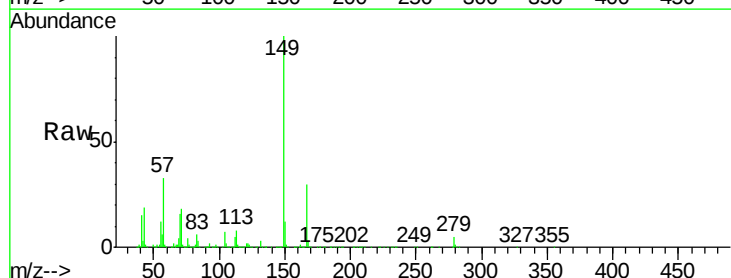
Tgt Ion:149 Resp: 719552

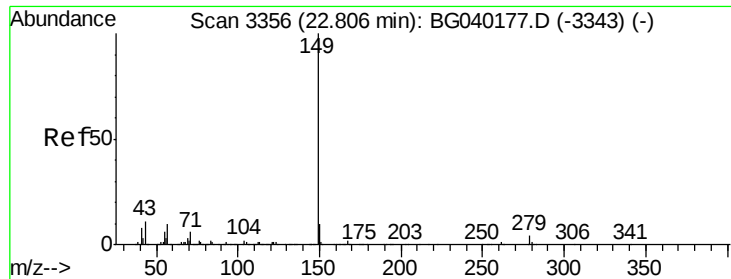
Ion Ratio Lower Upper

149 100

167 30.5 24.1 36.1

279 4.8 4.1 6.1

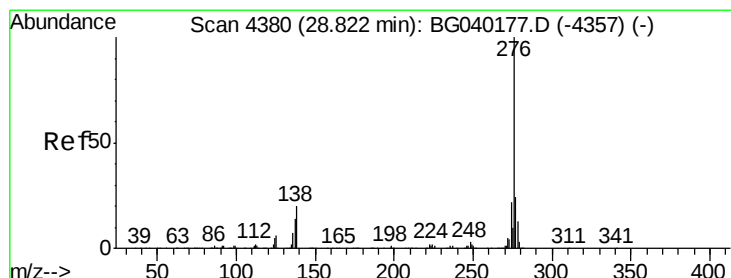
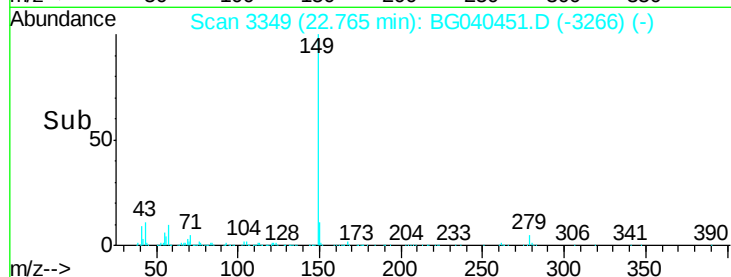
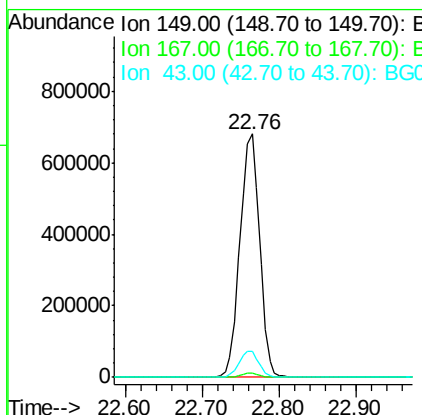
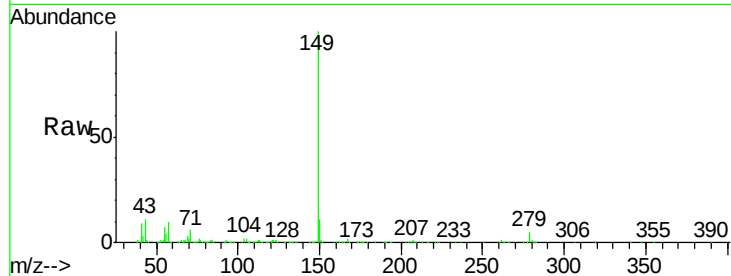




#85
Di-n-octyl phthalate
Concen: 42.148 ng
RT: 22.76 min Scan# 3349
Delta R.T. -0.04 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

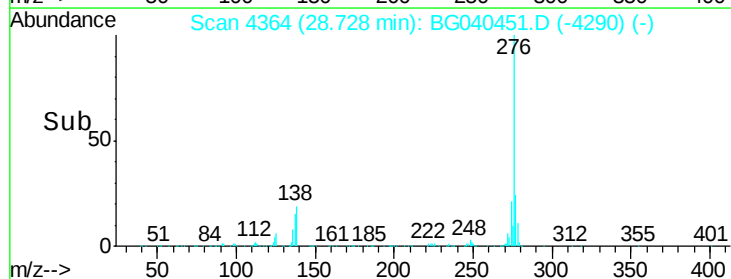
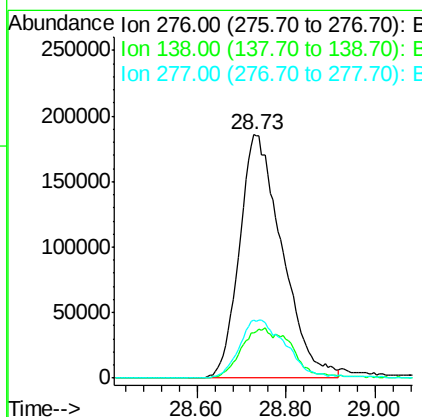
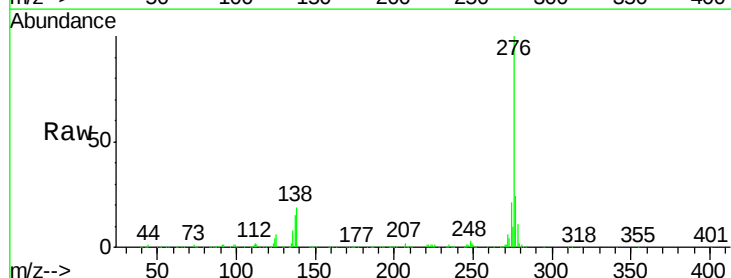
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

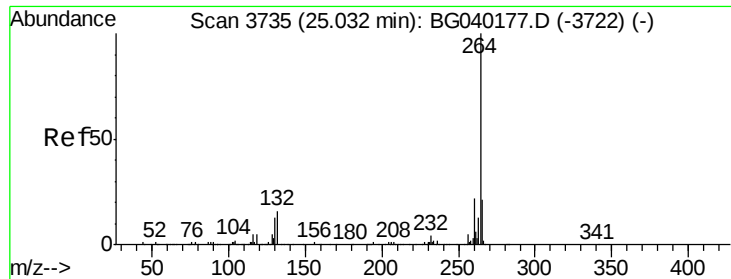
Tgt Ion:149 Resp: 1222815
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.7 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.201 ng
RT: 28.73 min Scan# 4364
Delta R.T. -0.09 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:276 Resp: 1232104
Ion Ratio Lower Upper
276 100
138 0.0 18.8 28.2#
277 25.6 21.0 31.4



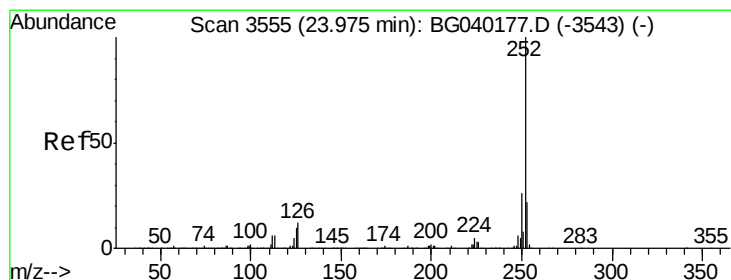
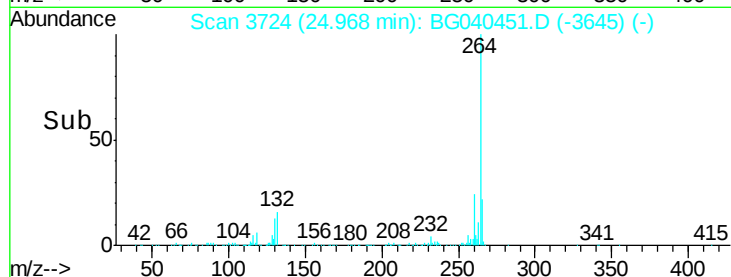
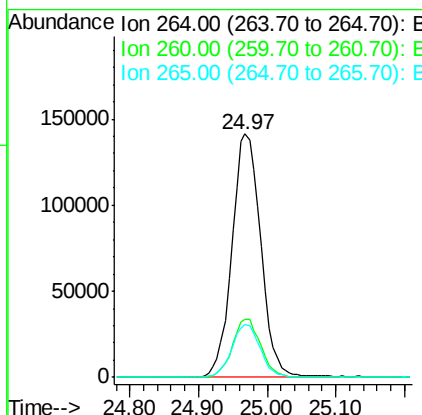
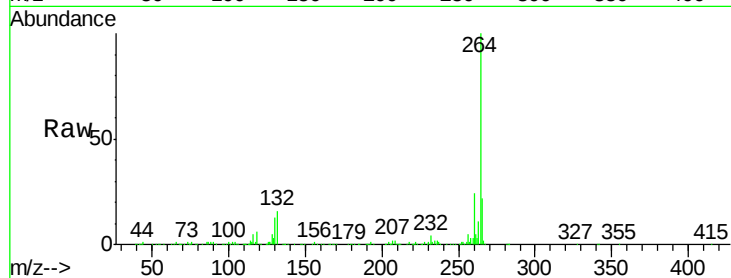


#87
Perylene-d12
Concen: 20.000 ng
RT: 24.97 min Scan# 3724
Delta R.T. -0.06 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Instrument :
BNA_G
ClientSampleId :
PB118783BSD

Tgt Ion: 264 Resp: 412470

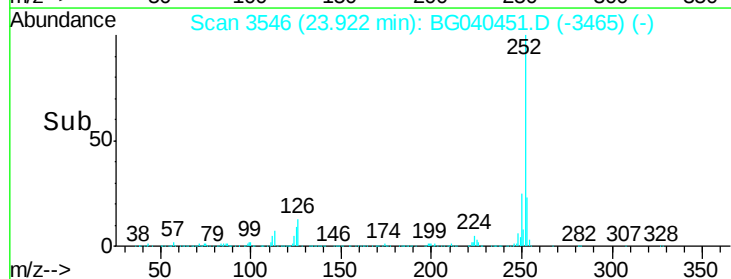
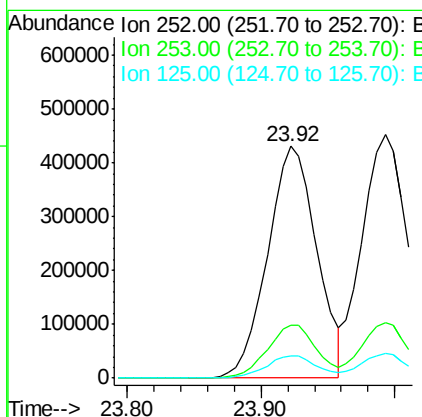
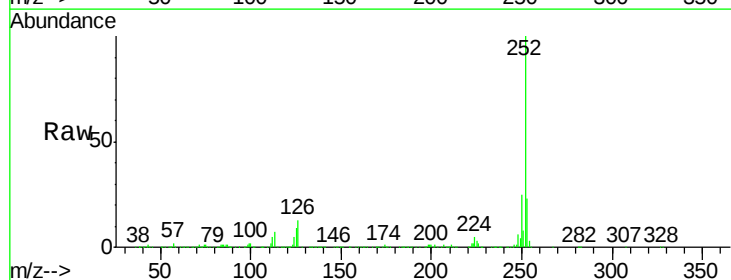
Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.9	26.9
265	21.9	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 43.626 ng
RT: 23.92 min Scan# 3546
Delta R.T. -0.05 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion: 252 Resp: 1101677

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	9.5	8.2	12.4

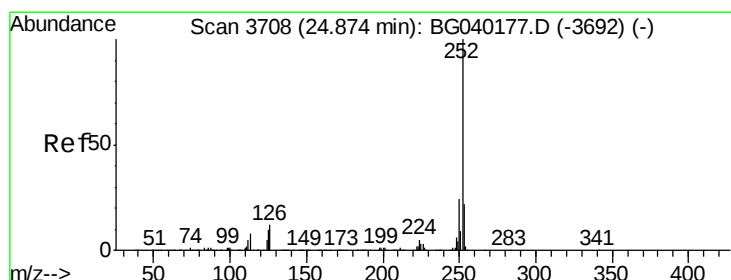
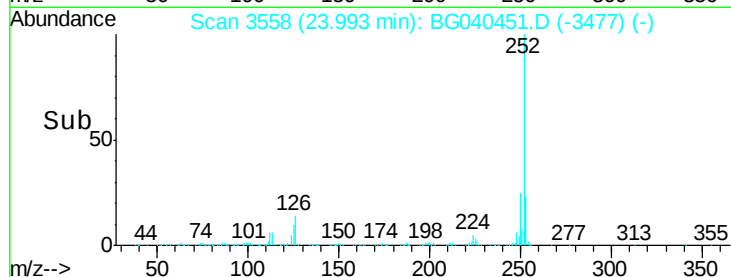
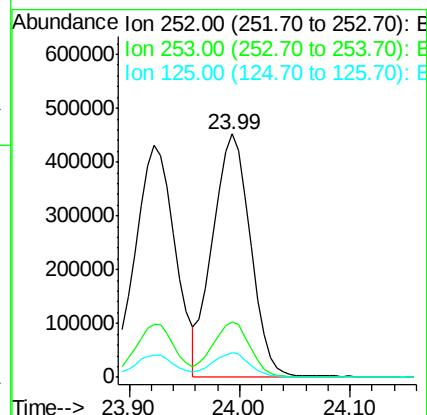
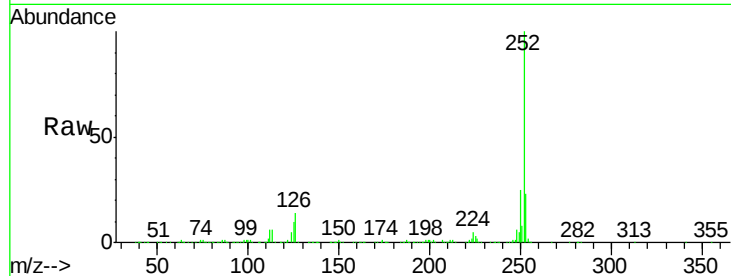




#89
Benzo(k)fluoranthene
Concen: 45.994 ng
RT: 23.99 min Scan# 3558
Delta R.T. -0.05 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

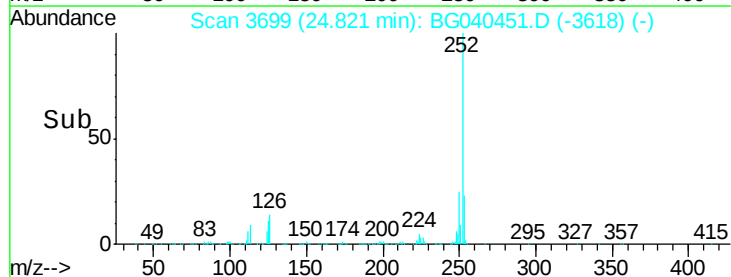
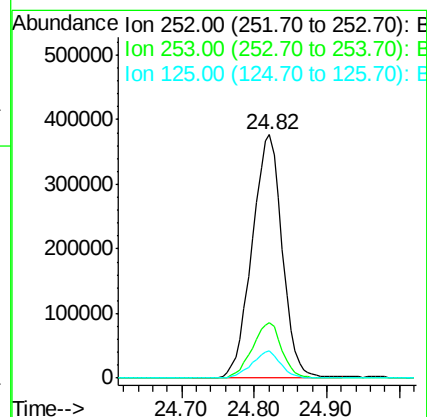
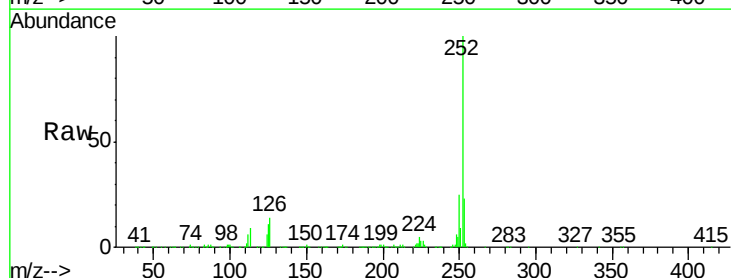
Instrument :
BNA_G
ClientSampleId :
PB118783BSD

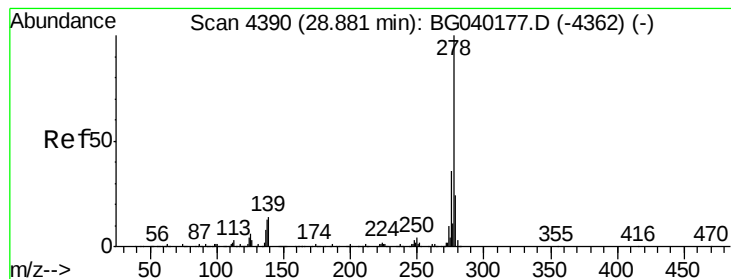
Tgt Ion:252 Resp: 1068116
Ion Ratio Lower Upper
252 100
253 22.8 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 45.875 ng
RT: 24.82 min Scan# 3699
Delta R.T. -0.05 min
Lab File: BG040451.D
Acq: 11 Apr 2019 21:29

Tgt Ion:252 Resp: 1086957
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 11.0 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 46.101 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.08 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

Instrument :

BNA_G

ClientSampleId :

PB118783BSD

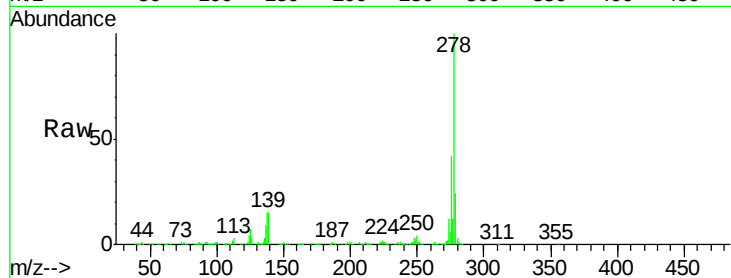
Tgt Ion:278 Resp: 1014490

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

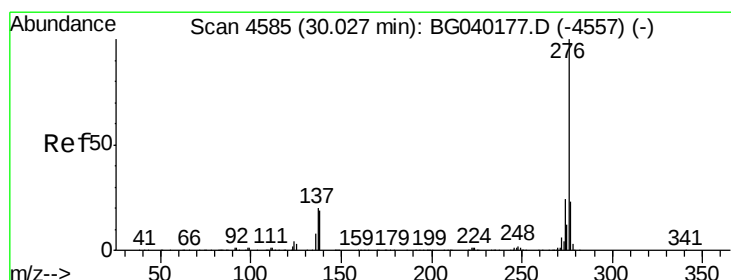
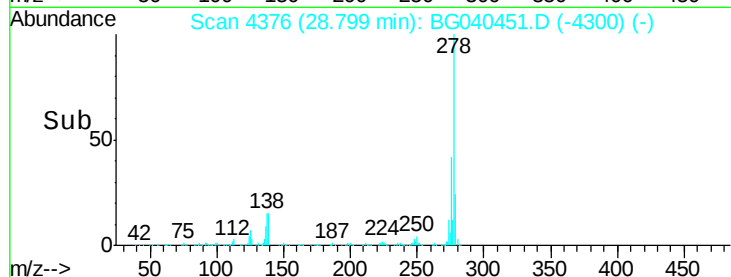
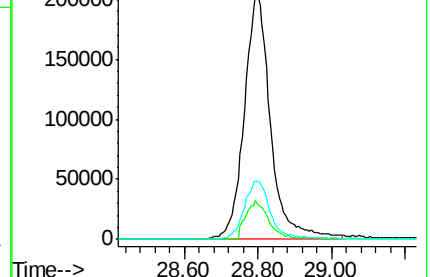
279 23.8 18.9 28.3



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: 45.516 ng

RT: 29.92 min Scan# 4567

Delta R.T. -0.11 min

Lab File: BG040451.D

Acq: 11 Apr 2019 21:29

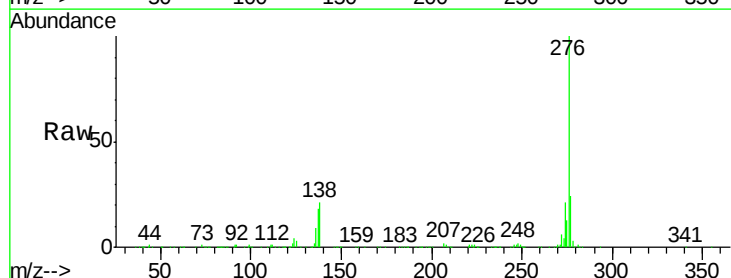
Tgt Ion:276 Resp: 1029372

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 21.4 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

