

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
 Data File : BG040519.D
 Acq On : 17 Apr 2019 2:14
 Operator : JU/SJ
 Sample : PB118938BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Quant Time: Apr 17 04:58:19 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	62004	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	260971	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	165728	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	418001	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	405103	20.00	ng	-0.03
87) Perylene-d12	24.97	264	384807	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	510265	136.81	ng	-0.02
7) Phenol-d6	7.20	99	689519	133.77	ng	-0.02
23) Nitrobenzene-d5	9.22	82	431945	87.98	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	256073	142.97	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	947622	84.73	ng	-0.03
79) Terphenyl-d14	20.02	244	1511271	83.93	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	61451	35.039	ng	97
3) Pyridine	3.89	79	151934	32.176	ng	99
4) n-Nitrosodimethylamine	3.82	42	81814	37.456	ng	# 87
6) Aniline	7.37	93	203816	30.434	ng	96
8) 2-Chlorophenol	7.61	128	177327	40.615	ng	93
9) Benzaldehyde	7.18	77	78935	22.325	ng	98
10) Phenol	7.23	94	233797	41.787	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	174295	38.895	ng	98
12) 1,3-Dichlorobenzene	7.93	146	182979	38.553	ng	97
13) 1,4-Dichlorobenzene	8.08	146	184475	39.025	ng	99
14) 1,2-Dichlorobenzene	8.39	146	176113	38.959	ng	99
15) Benzyl Alcohol	8.28	79	160043	38.553	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	337743	39.271	ng	99
17) 2-Methylphenol	8.48	107	158275	40.882	ng	99
18) Hexachloroethane	9.12	117	67144	37.342	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	135523	36.670	ng	99
20) 3+4-Methylphenols	8.81	107	220081	41.962	ng	96
22) Acetophenone	8.87	105	268819	41.294	ng	# 98
24) Nitrobenzene	9.26	77	206138	40.545	ng	97
25) Isophorone	9.78	82	393522	38.954	ng	99
26) 2-Nitrophenol	9.97	139	99607	41.346	ng	98
27) 2,4-Dimethylphenol	10.02	122	174728	45.660	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	235388	39.384	ng	100
29) 2,4-Dichlorophenol	10.50	162	181894	43.792	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	185805	40.739	ng	98
31) Naphthalene	10.91	128	549648	41.090	ng	99
32) Benzoic acid	10.19	122	46128	19.951	ng	96
33) 4-Chloroaniline	11.03	127	156615	27.448	ng	95
34) Hexachlorobutadiene	11.17	225	112519	38.575	ng	96
35) Caprolactam	11.81	113	67238	40.792	ng	88
36) 4-Chloro-3-methylphenol	12.14	107	207686	43.494	ng	98
37) 2-Methylnaphthalene	12.51	142	413641	41.811	ng	98
38) 1-Methylnaphthalene	12.73	142	392503	40.914	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	211388	40.131	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	218430	75.524	ng	96
43) 2,4,6-Trichlorophenol	13.11	196	146822	43.233	ng	93
44) 2,4,5-Trichlorophenol	13.19	196	159136	42.991	ng	95
46) 1,1'-Biphenyl	13.51	154	529300	40.421	ng	100
47) 2-Chloronaphthalene	13.56	162	408526	40.672	ng	99
48) 2-Nitroaniline	13.77	65	148698	43.889	ng	96
49) Acenaphthylene	14.40	152	687743	40.384	ng	99
50) Dimethylphthalate	14.13	163	542048	41.791	ng	99
51) 2,6-Dinitrotoluene	14.26	165	123072	42.259	ng	98
52) Acenaphthene	14.74	154	400511	41.042	ng	99
53) 3-Nitroaniline	14.59	138	99367	32.233	ng	92
54) 2,4-Dinitrophenol	14.80	184	105557	68.152	ng	95
55) Dibenzofuran	15.07	168	661954	42.215	ng	96
56) 4-Nitrophenol	14.90	139	182174	73.218	ng	100
57) 2,4-Dinitrotoluene	15.05	165	178102	44.011	ng	98
58) Fluorene	15.72	166	526908	42.740	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	154399	45.965	ng	98
60) Diethylphthalate	15.48	149	576902	43.465	ng	100
61) 4-Chlorophenyl-phenylether	15.70	204	279366	42.393	ng	95
62) 4-Nitroaniline	15.76	138	137068	41.431	ng	96
63) Azobenzene	16.00	77	539394	43.084	ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	88771	37.801	ng	96
66) n-Nitrosodiphenylamine	15.93	169	500988	40.958	ng	99
67) 4-Bromophenyl-phenylether	16.60	248	186965	39.746	ng	99
68) Hexachlorobenzene	16.71	284	190420	40.261	ng	97
69) Atrazine	16.87	200	182845	40.184	ng	99
70) Pentachlorophenol	17.07	266	171207	62.613	ng	96
71) Phenanthrene	17.46	178	886605	40.354	ng	99
72) Anthracene	17.55	178	912923	41.513	ng	99
73) Carbazole	17.83	167	860348	41.339	ng	99
74) Di-n-butylphthalate	18.36	149	1032049	41.835	ng	99
75) Fluoranthene	19.47	202	1088240	41.829	ng	100
77) Benzidine	19.65	184	357359	24.429	ng	98
78) Pyrene	19.83	202	1056648	39.664	ng	99
80) Butylbenzylphthalate	20.70	149	475434	41.706	ng	98
81) Benzo(a)anthracene	21.67	228	965693	38.702	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	284408	29.963	ng	97
83) Chrysene	21.74	228	942893	39.319	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	683640	41.953	ng	99
85) Di-n-octyl phthalate	22.75	149	1163216	41.897	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	1118731	38.143	ng	97
88) Benzo(b)fluoranthene	23.92	252	1014190	43.048	ng	98
89) Benzo(k)fluoranthene	23.99	252	993897	45.875	ng	99
90) Benzo(a)pyrene	24.82	252	989545	44.766	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	908685	44.261	ng	99
92) Benzo(g,h,i)perylene	29.91	276	903788	42.836	ng	100

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

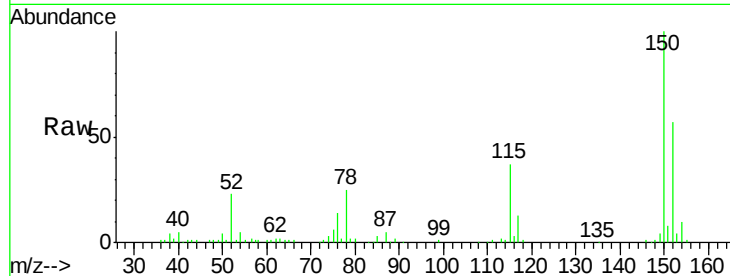


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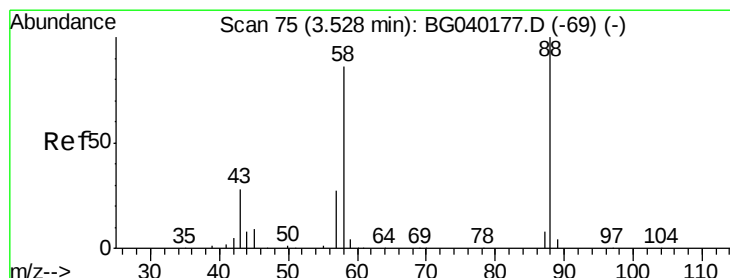
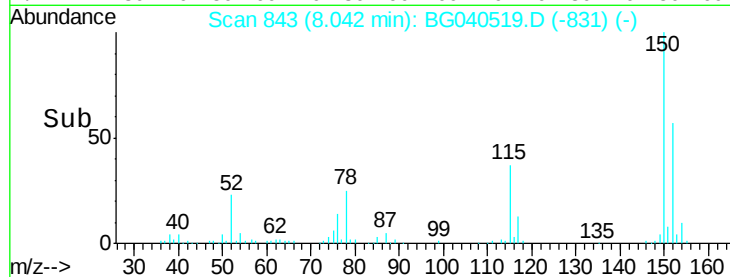
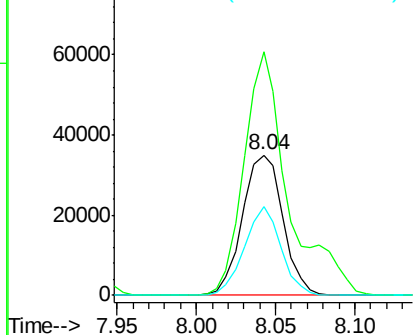
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:152 Resp: 62004
Ion Ratio Lower Upper
152 100
150 174.0 123.7 185.5
115 63.7 46.9 70.3



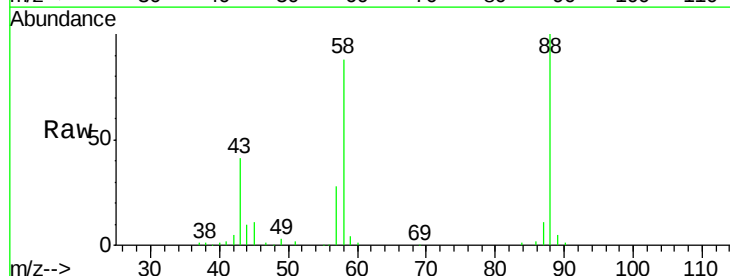
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



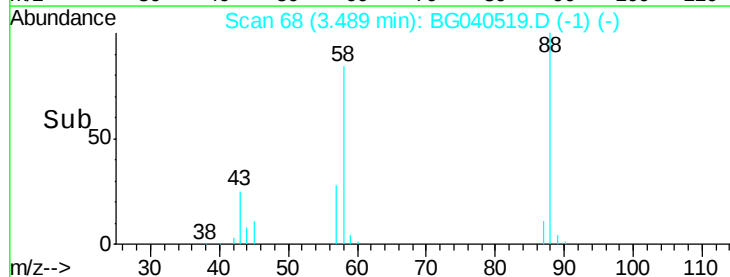
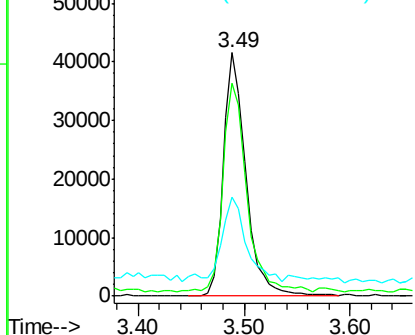
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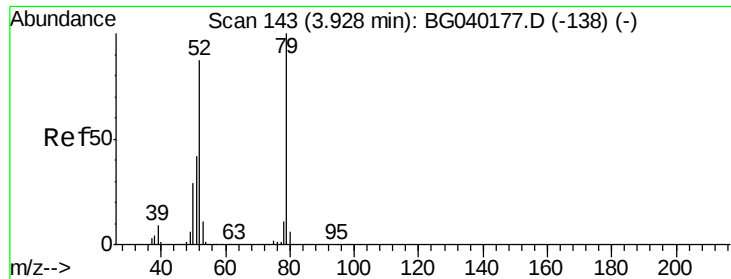
1,4-Dioxane
Concen: 35.039 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion: 88 Resp: 61451
Ion Ratio Lower Upper
88 100
58 89.7 70.6 106.0
43 35.8 24.8 37.2



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





#3

Pyridine

Concen: 32.176 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.04 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

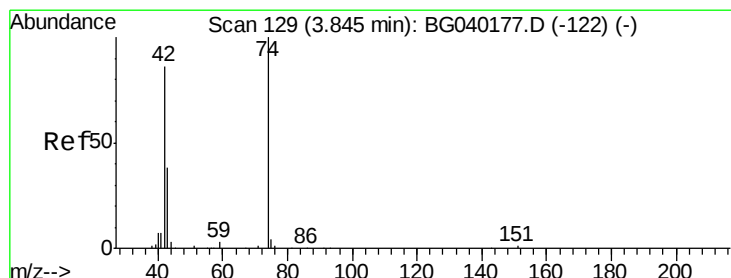
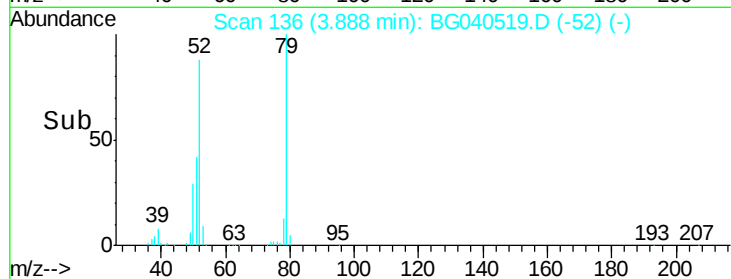
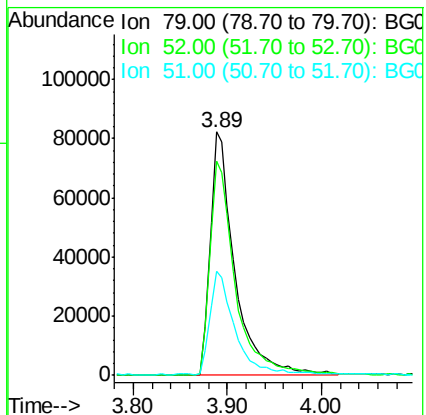
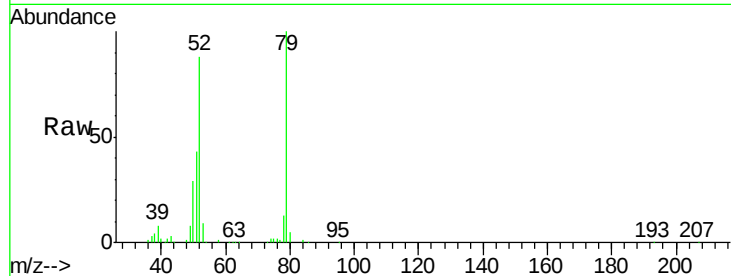
Tgt Ion: 79 Resp: 151934

Ion Ratio Lower Upper

79 100

52 87.9 69.8 104.8

51 42.8 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.456 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

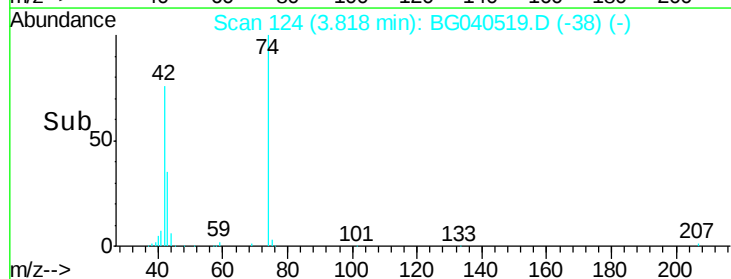
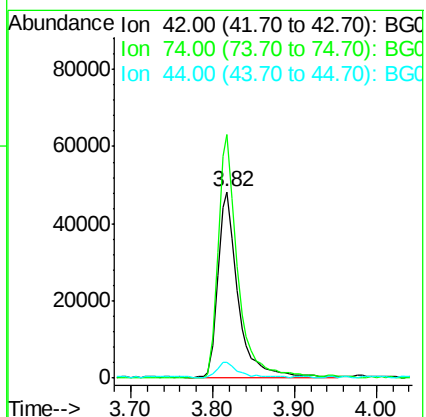
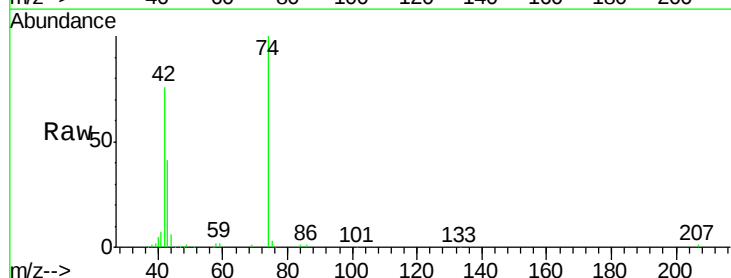
Tgt Ion: 42 Resp: 81814

Ion Ratio Lower Upper

42 100

74 130.9 92.9 139.3

44 8.4 9.7 14.5#





#5

2-Fluorophenol

Concen: 136.809 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

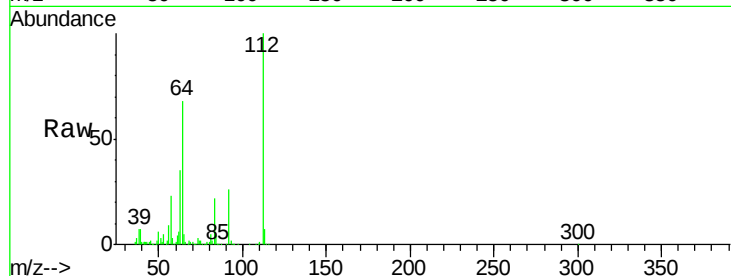
Tgt Ion: 112 Resp: 510265

Ion Ratio Lower Upper

112 100

64 67.7 54.2 81.2

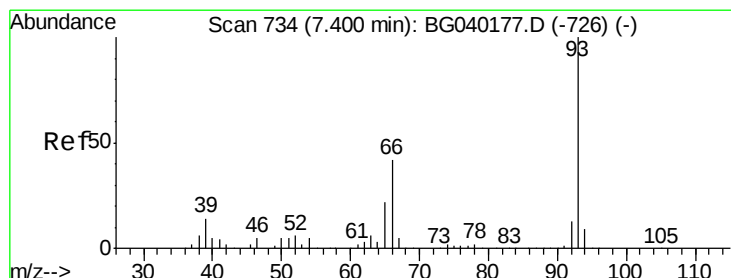
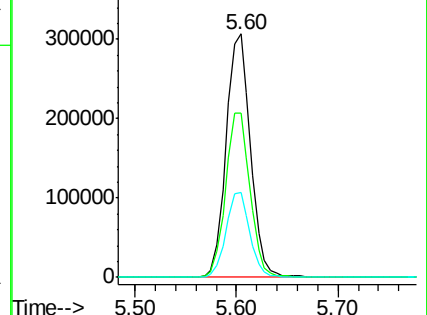
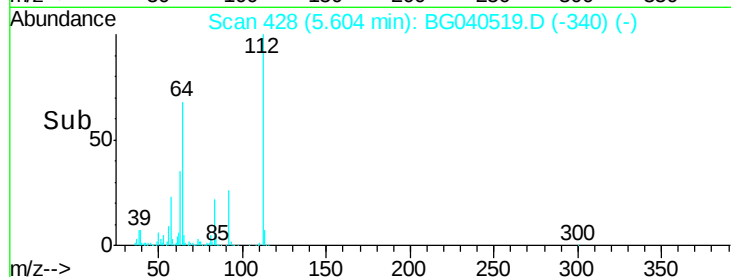
63 34.8 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.434 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

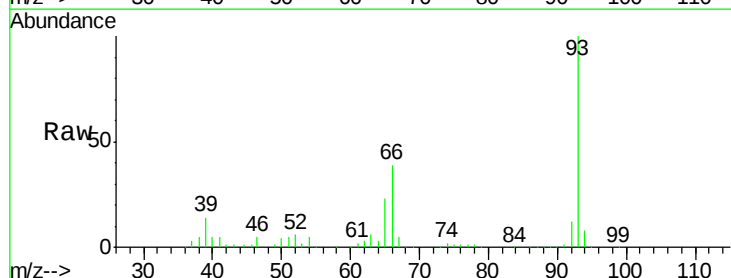
Tgt Ion: 93 Resp: 203816

Ion Ratio Lower Upper

93 100

66 39.2 33.6 50.4

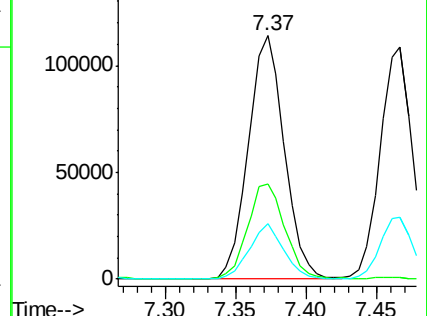
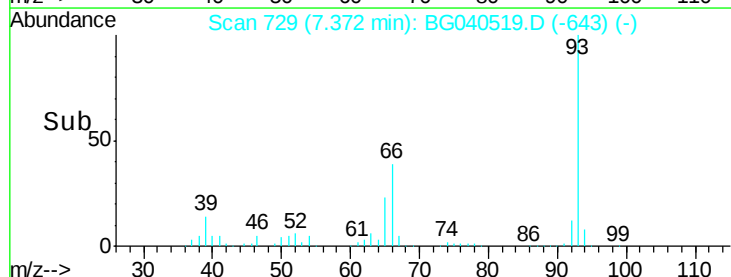
65 22.8 17.4 26.2



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: 133.768 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

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ClientSampleId :

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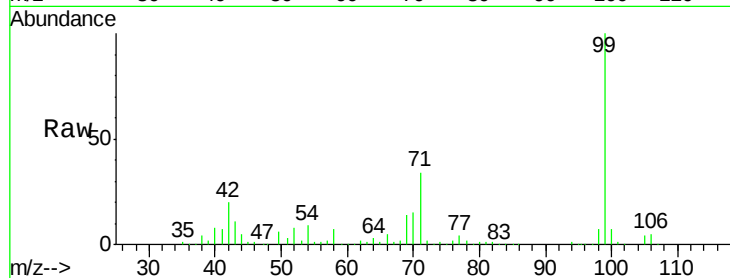
Tgt Ion: 99 Resp: 689519

Ion Ratio Lower Upper

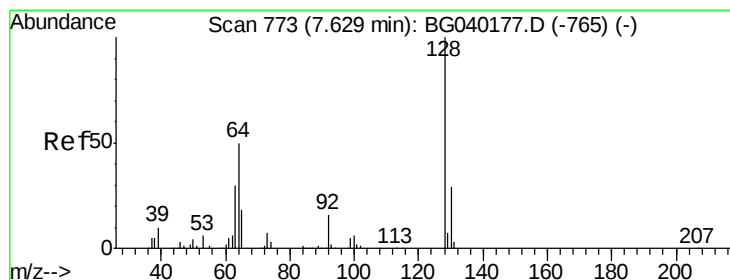
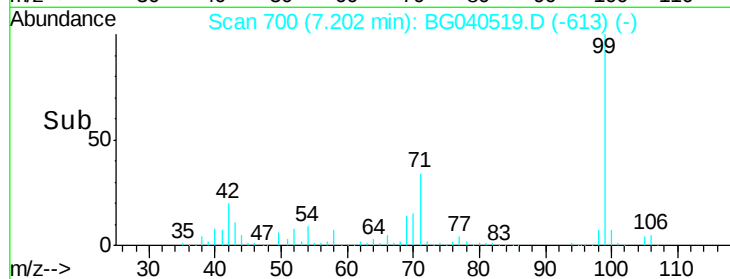
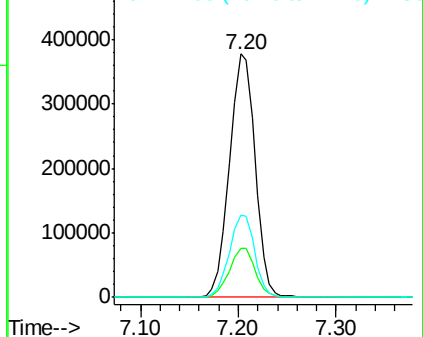
99 100

42 20.2 16.2 24.2

71 33.7 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: 40.615 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

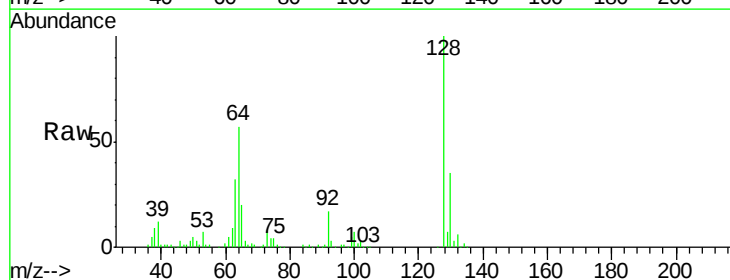
Tgt Ion: 128 Resp: 177327

Ion Ratio Lower Upper

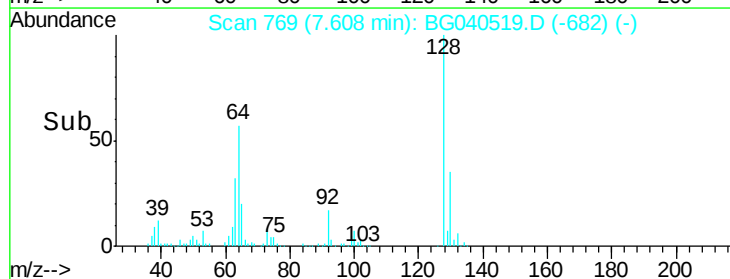
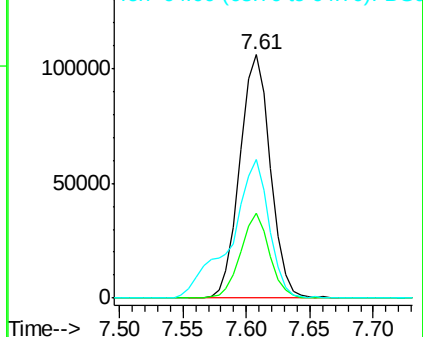
128 100

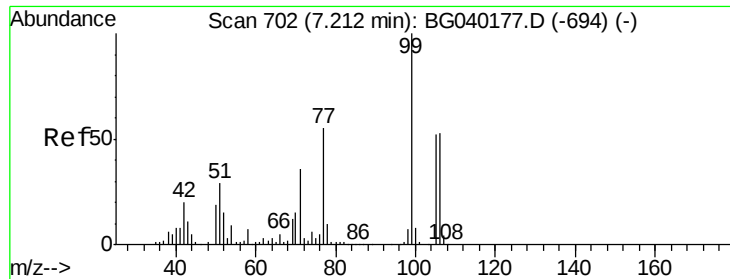
130 34.7 9.1 49.1

64 57.1 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: 22.325 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

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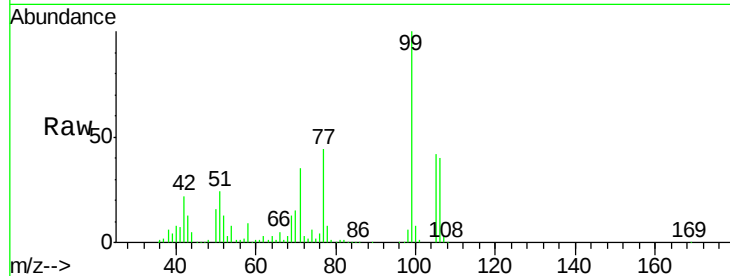
Tgt Ion: 77 Resp: 78935

Ion Ratio Lower Upper

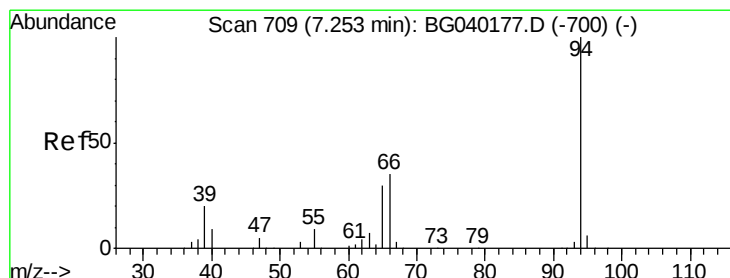
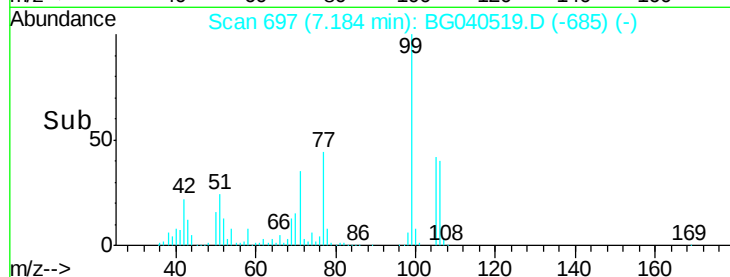
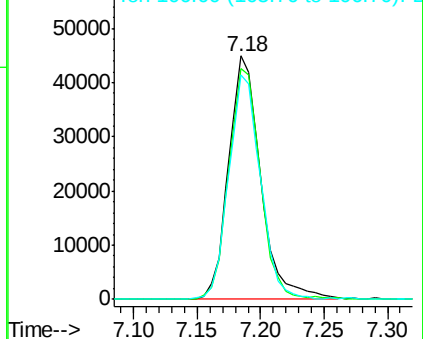
77 100

105 94.9 75.0 115.0

106 92.1 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: 41.787 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

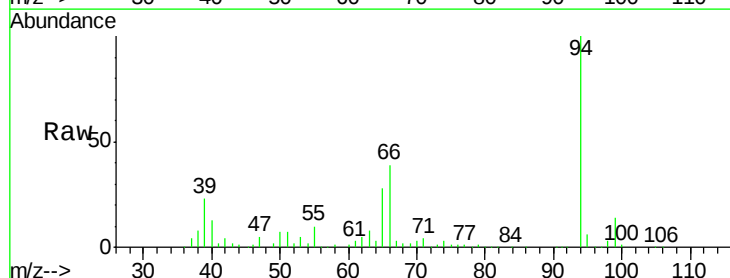
Tgt Ion: 94 Resp: 233797

Ion Ratio Lower Upper

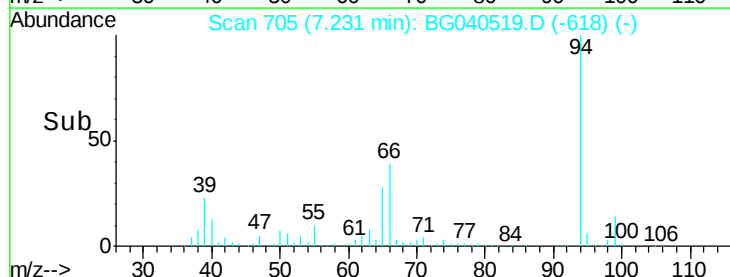
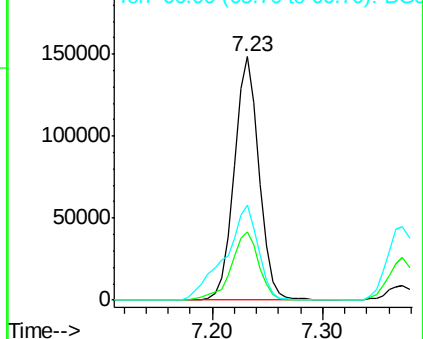
94 100

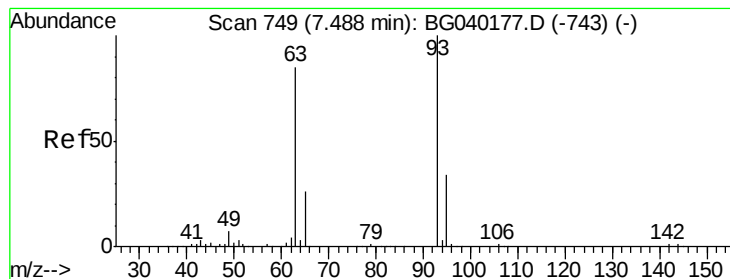
65 28.2 10.5 50.5

66 39.3 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: 38.895 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

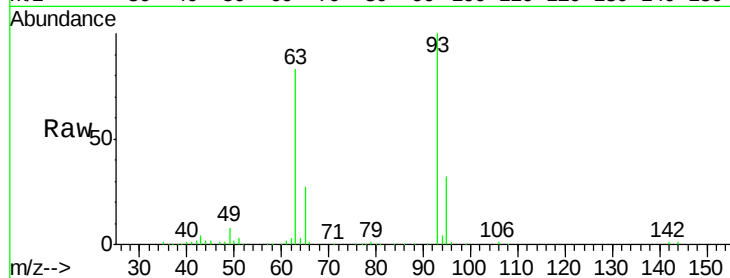
Tgt Ion: 93 Resp: 174295

Ion Ratio Lower Upper

93 100

63 83.2 64.2 104.2

95 32.0 14.0 54.0

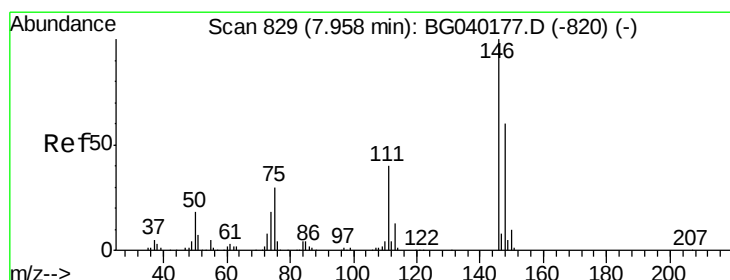
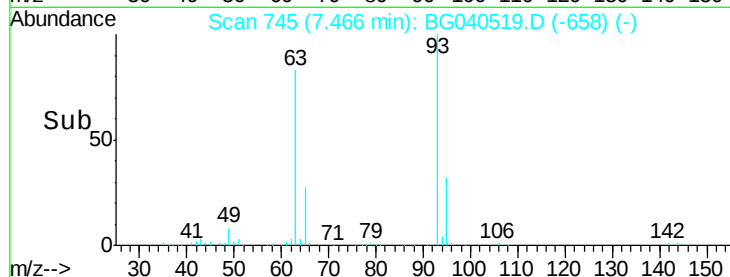
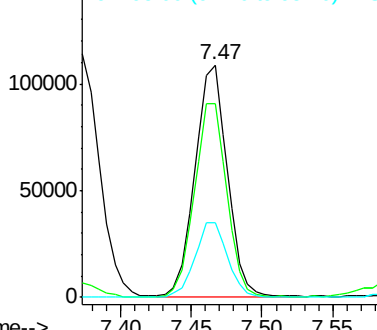


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 38.553 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

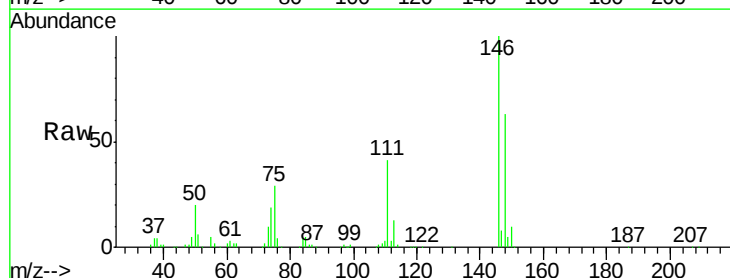
Tgt Ion: 146 Resp: 182979

Ion Ratio Lower Upper

146 100

148 62.7 48.2 72.2

75 29.2 24.1 36.1

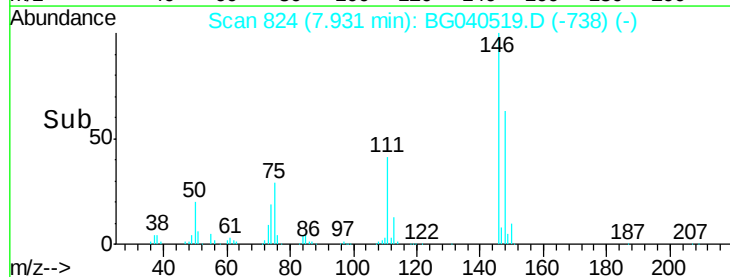
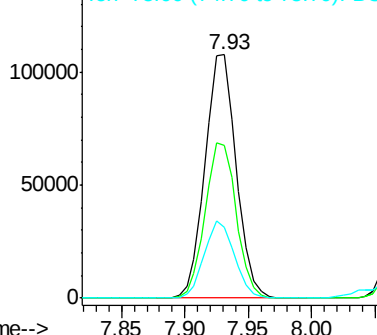


Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 39.025 ng

RT: 8.08 min Scan# 849

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

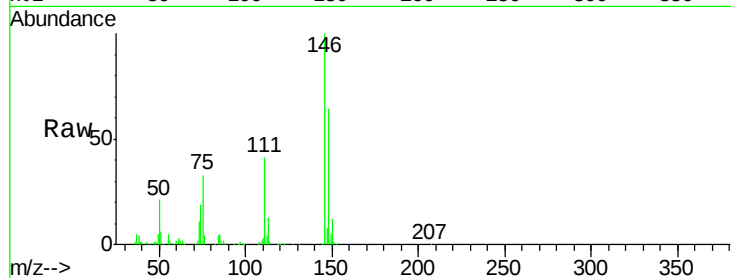
Tgt Ion:146 Resp: 184475

Ion Ratio Lower Upper

146 100

148 63.7 51.0 76.4

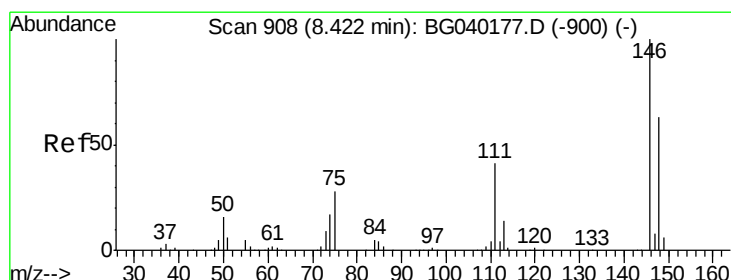
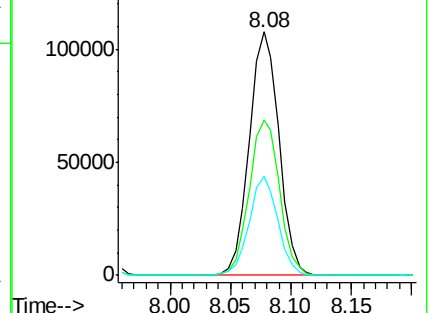
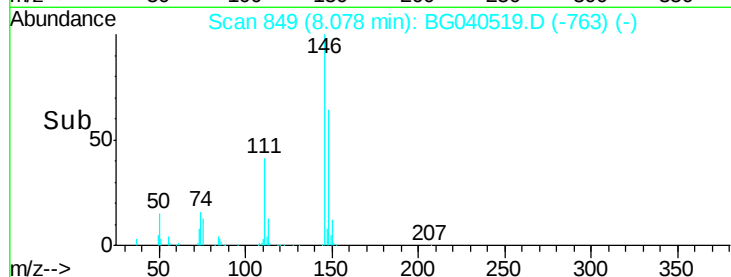
111 40.8 31.8 47.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.959 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

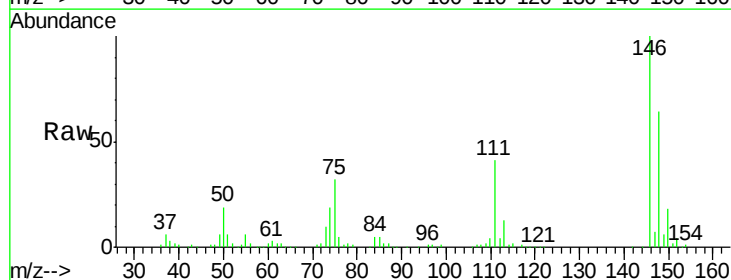
Tgt Ion:146 Resp: 176113

Ion Ratio Lower Upper

146 100

148 63.7 50.8 76.2

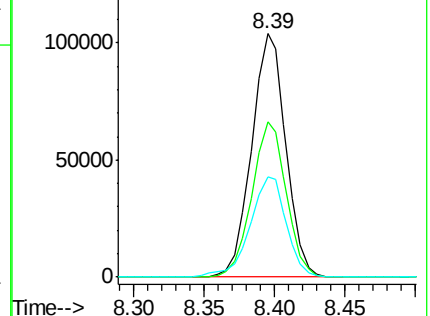
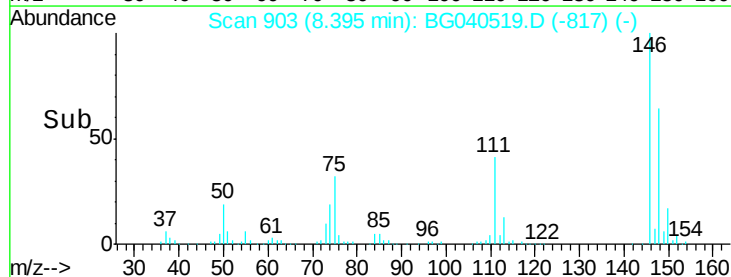
111 41.0 33.4 50.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.553 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

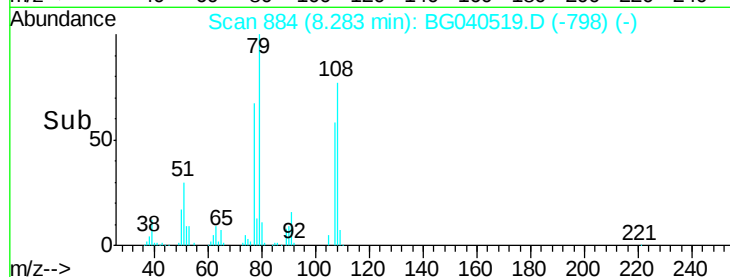
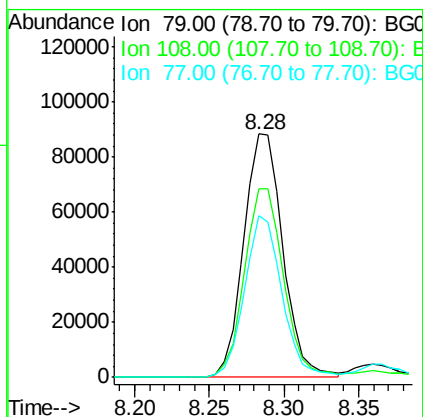
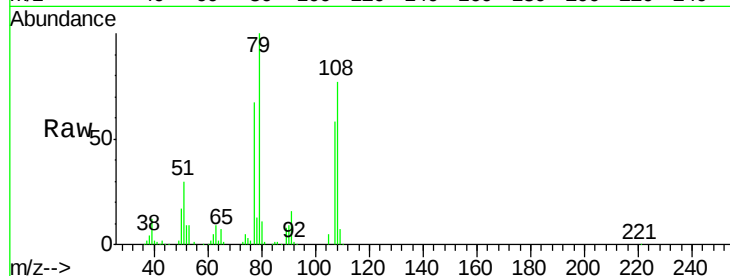
Tgt Ion: 79 Resp: 160043

Ion Ratio Lower Upper

79 100

108 77.4 62.1 93.1

77 66.5 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.271 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

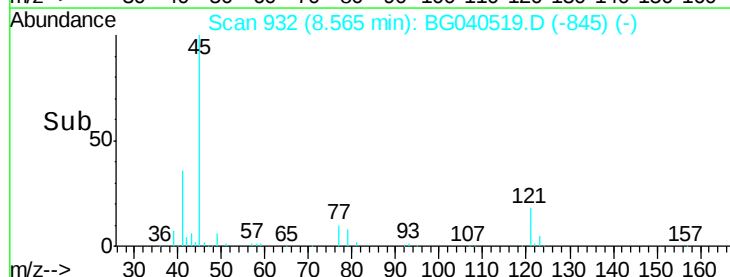
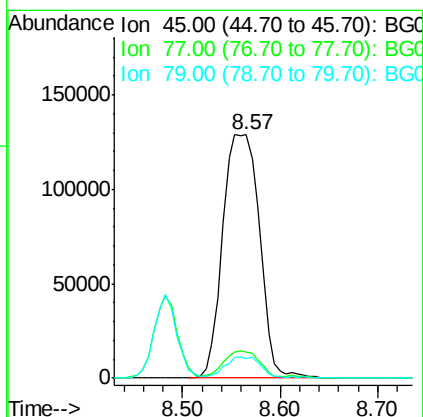
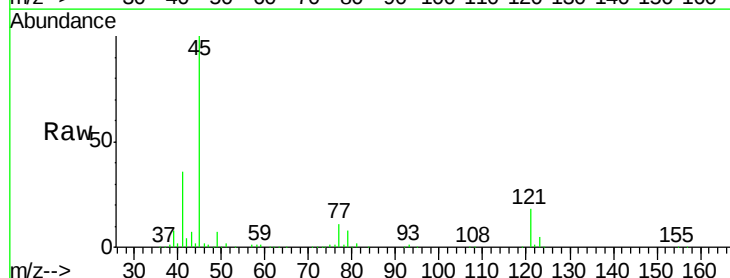
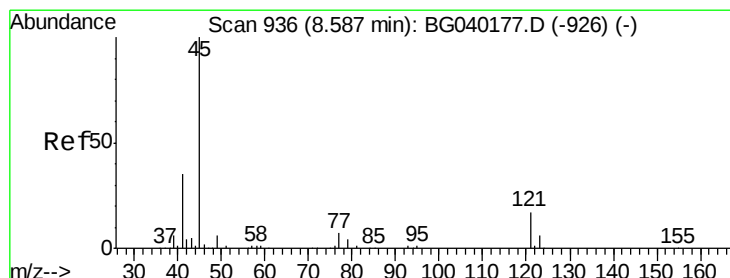
Tgt Ion: 45 Resp: 337743

Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.4

79 8.1 0.0 28.3

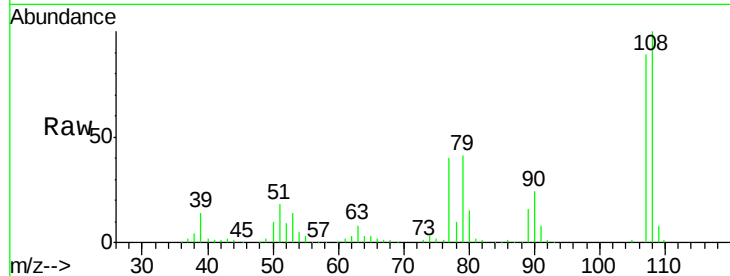




#17
 2-Methylphenol
 Concen: 40.882 ng
 RT: 8.48 min Scan# 918
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Tgt Ion:	107	Resp:	158275
Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.2	132.4
77	45.1	36.6	55.0
79	46.2	36.5	54.7



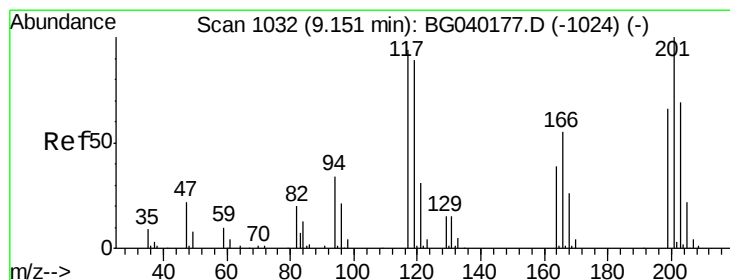
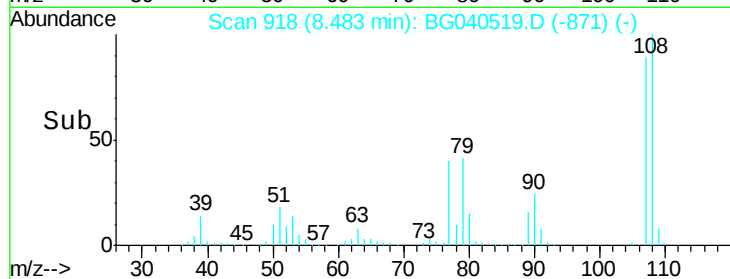
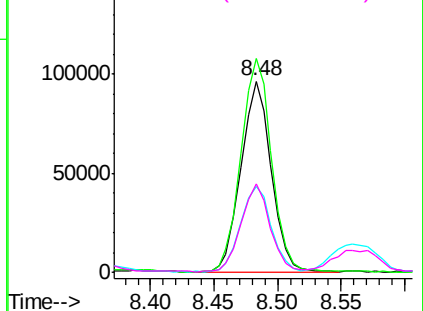
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

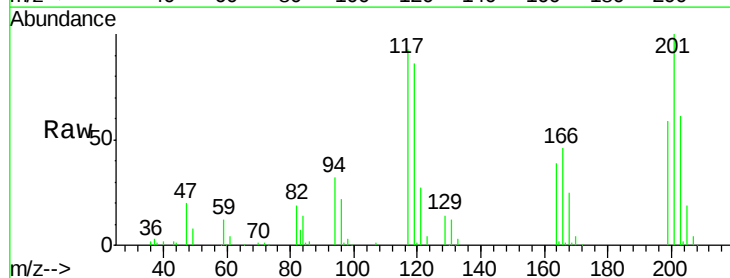
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
 Hexachloroethane
 Concen: 37.342 ng
 RT: 9.12 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:	117	Resp:	67144
Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.6	115.0
201	107.8	85.0	127.4

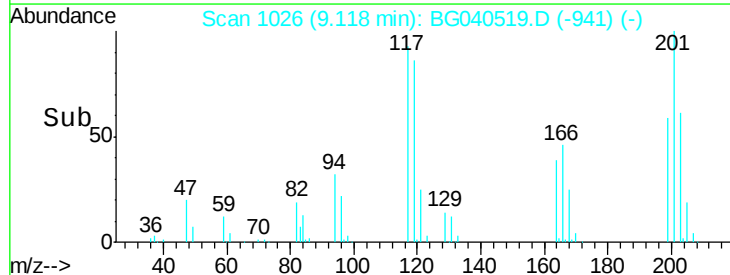
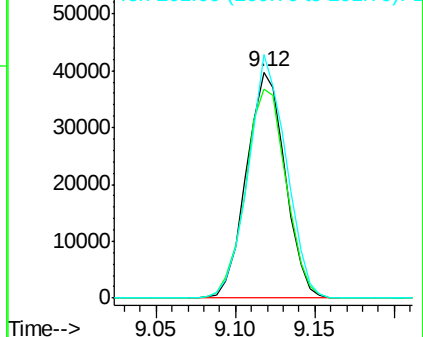


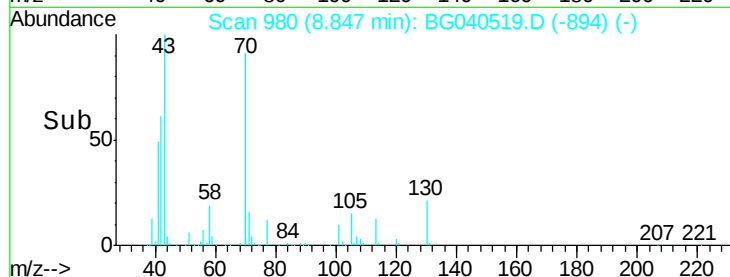
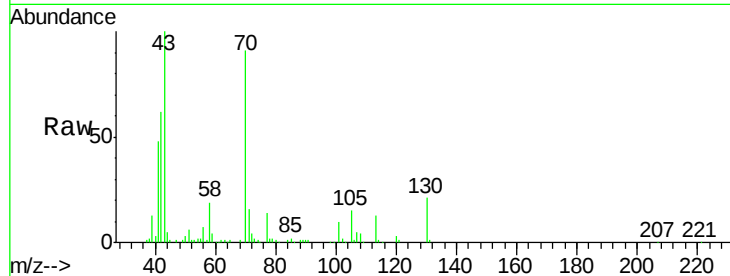
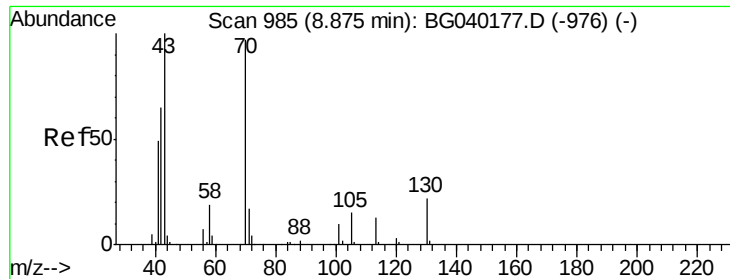
Abundance

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

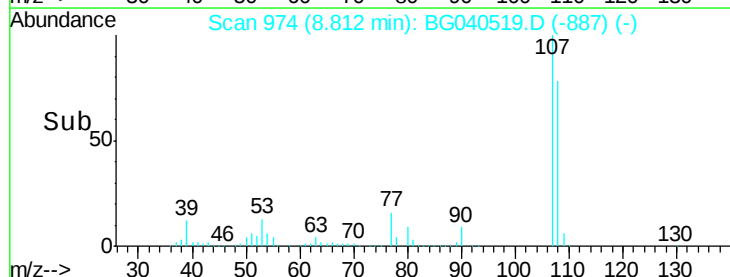
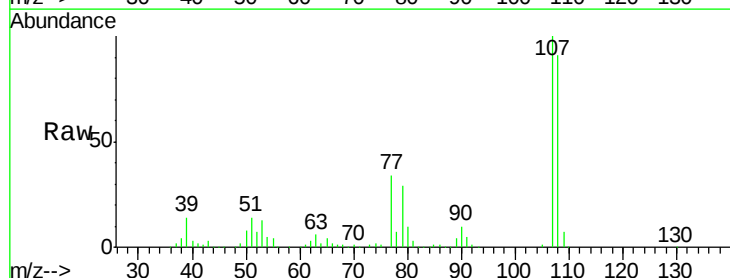
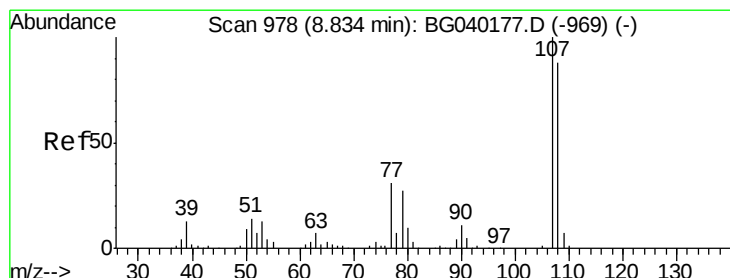
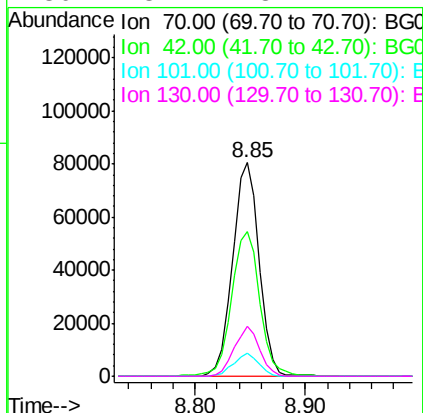




#19
n-Nitroso-di-n-propylamine
Concen: 36.670 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

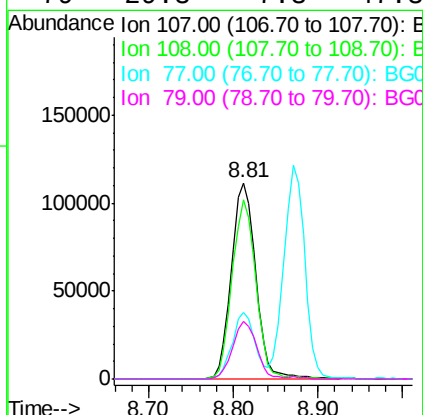
Instrument :
BNA_G
ClientSampleId :
PB118938BS

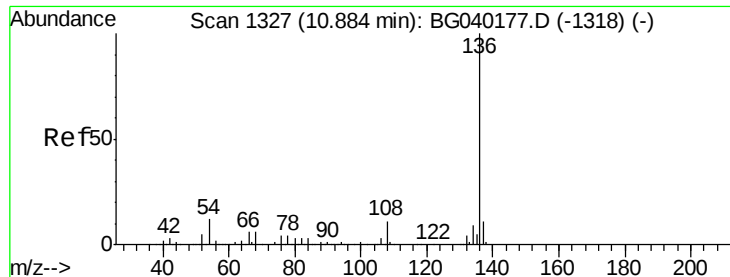
Tgt Ion:	70	Resp:	135523
Ion	Ratio	Lower	Upper
70	100		
42	68.0	54.0	81.0
101	10.9	8.6	13.0
130	23.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.962 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:	107	Resp:	220081
Ion	Ratio	Lower	Upper
107	100		
108	91.4	68.3	108.3
77	33.7	11.3	51.3
79	29.3	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: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

Tgt Ion:136 Resp: 260971

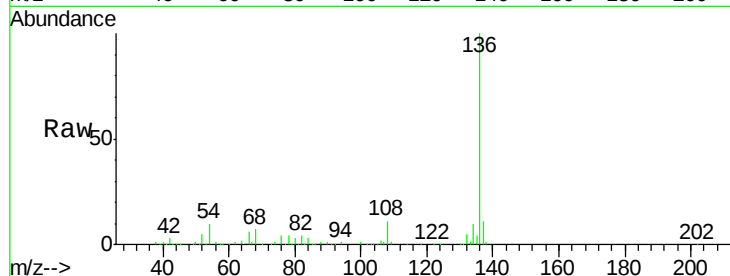
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.1 9.6 14.4

68 7.3 5.1 7.7

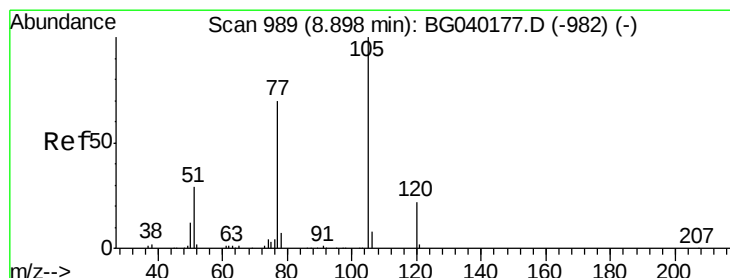
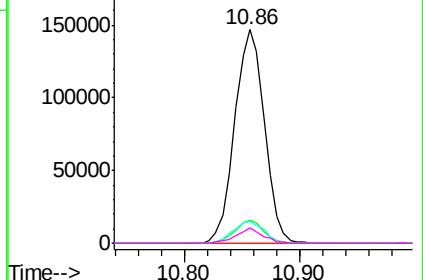
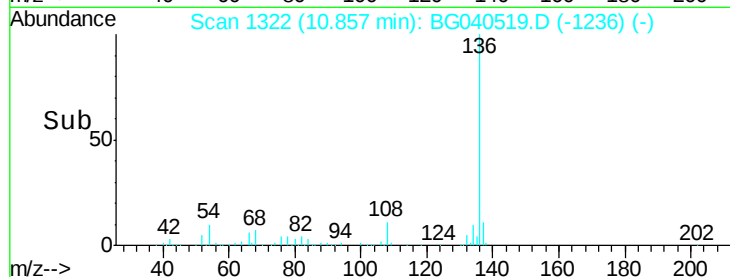


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.294 ng

RT: 8.87 min Scan# 984

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Tgt Ion:105 Resp: 268819

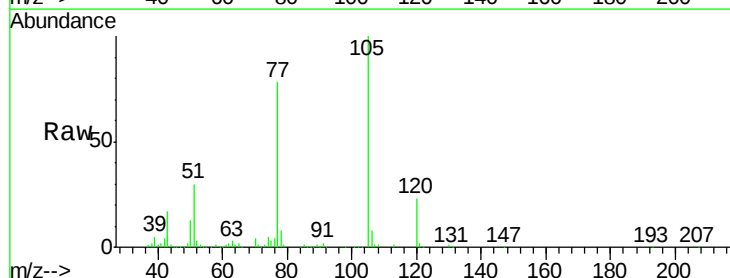
Ion Ratio Lower Upper

105 100

71 0.6 0.6 1.0#

51 30.4 25.1 37.7

120 22.7 17.6 26.4

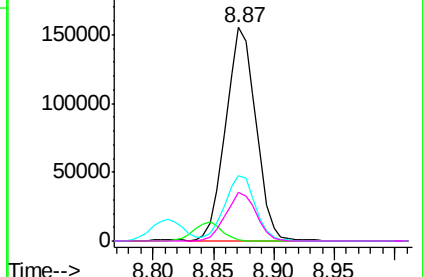
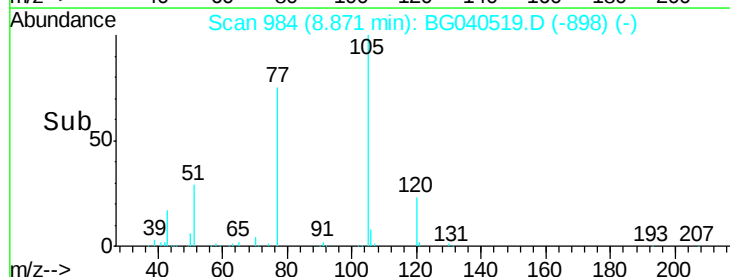


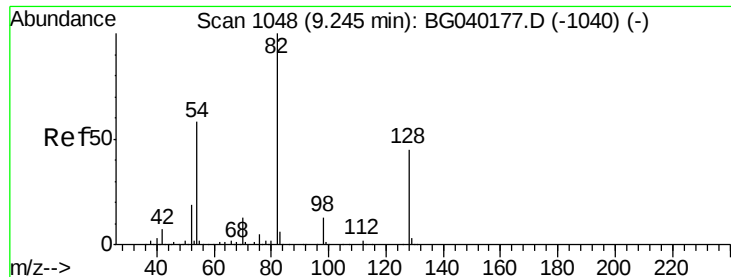
Abundance Ion 105.00 (104.70 to 105.70): E

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

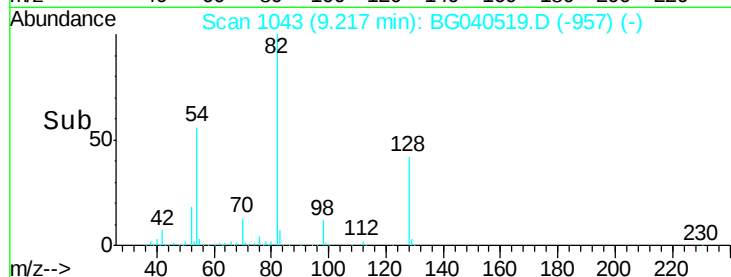
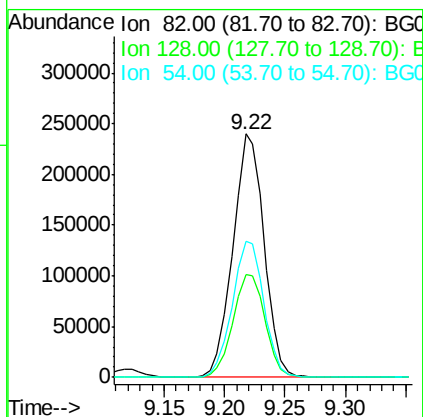
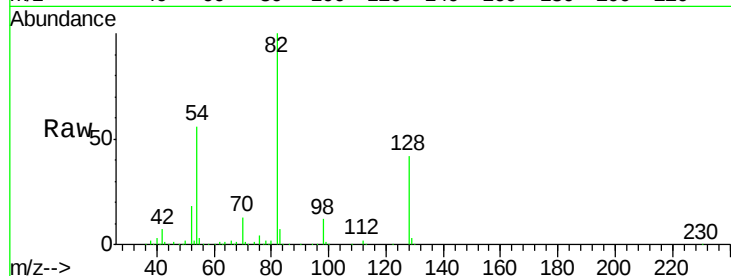




#23
 Nitrobenzene-d5
 Concen: 87.977 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

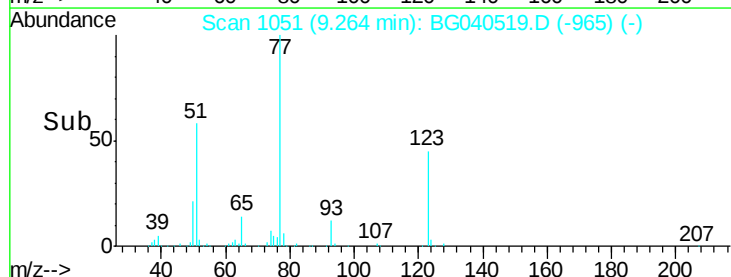
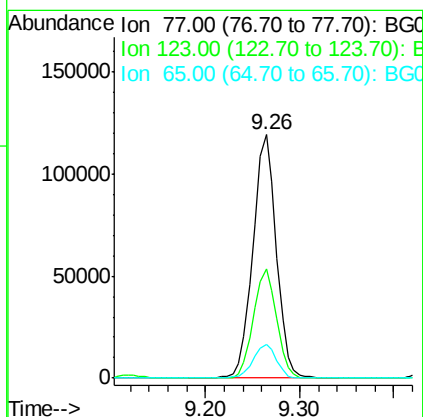
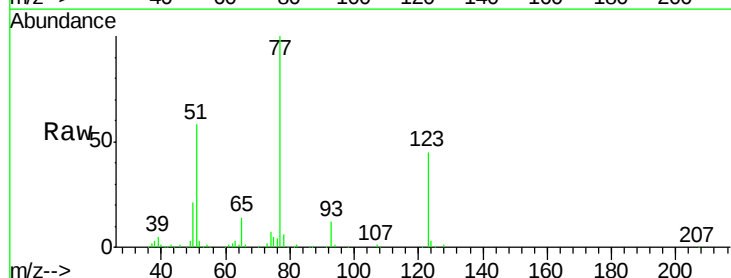
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

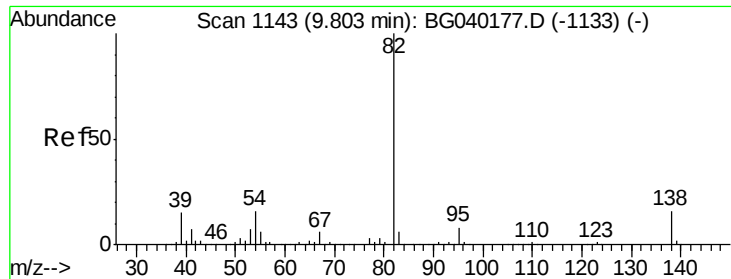
Tgt Ion: 82 Resp: 431945
 Ion Ratio Lower Upper
 82 100
 128 42.0 35.8 53.8
 54 55.8 46.2 69.2



#24
 Nitrobenzene
 Concen: 40.545 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 77 Resp: 206138
 Ion Ratio Lower Upper
 77 100
 123 45.0 37.8 56.6
 65 13.6 12.0 18.0





#25

Isophorone

Concen: 38.954 ng

RT: 9.78 min Scan# 1138

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

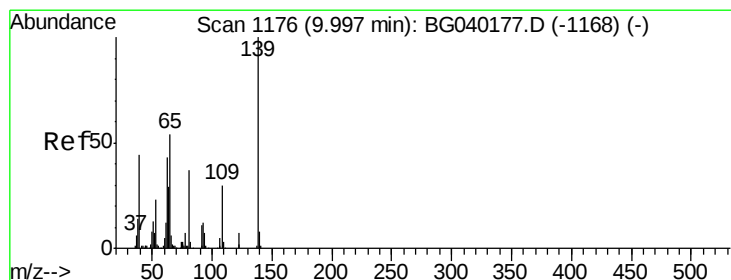
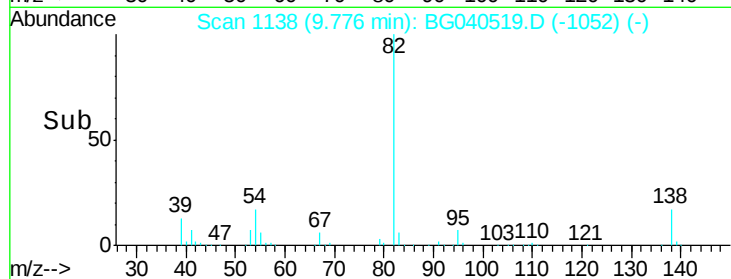
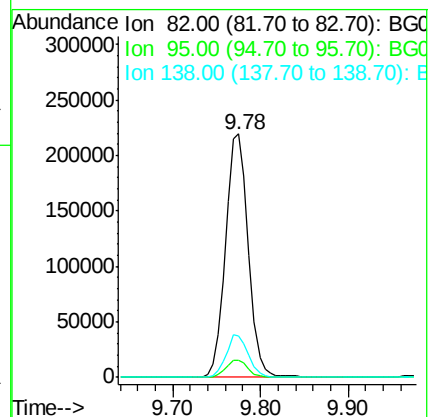
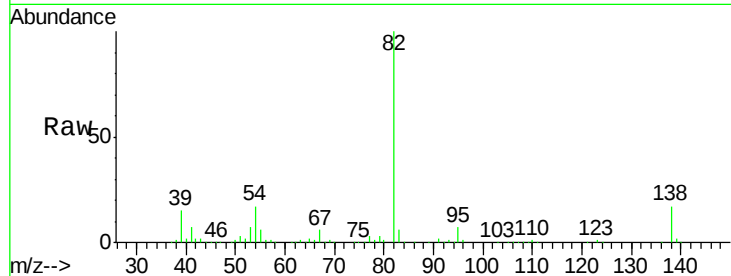
Tgt Ion: 82 Resp: 393522

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 41.346 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

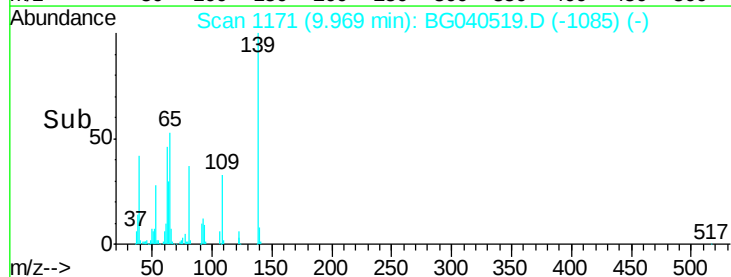
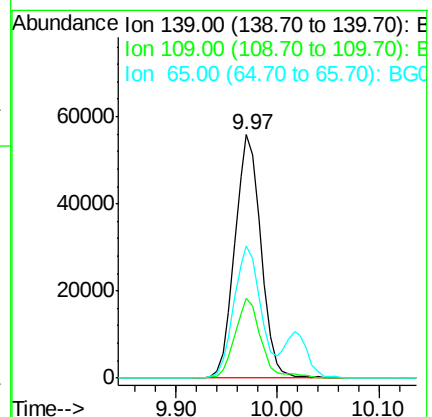
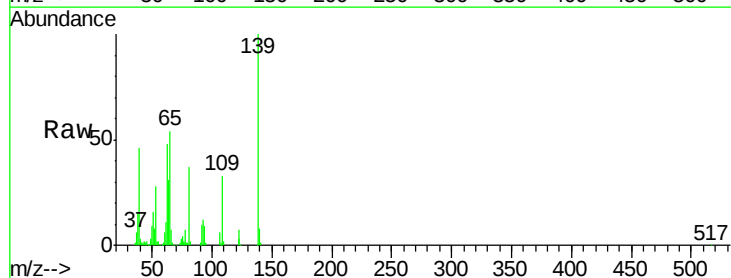
Tgt Ion: 139 Resp: 99607

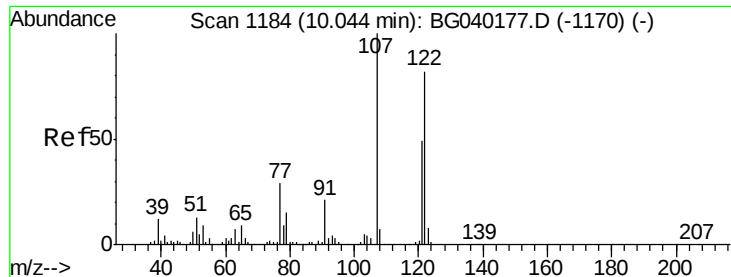
Ion Ratio Lower Upper

139 100

109 32.7 24.1 36.1

65 54.5 43.0 64.6

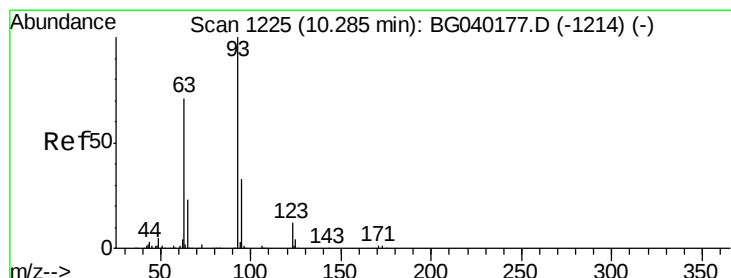
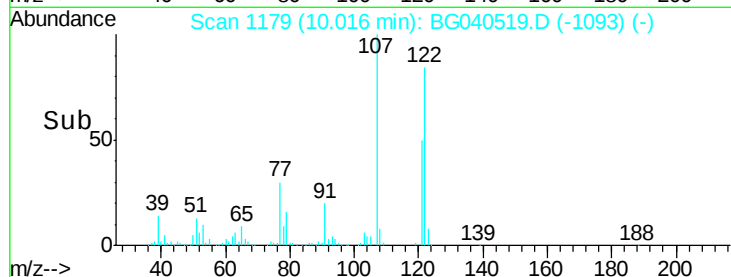
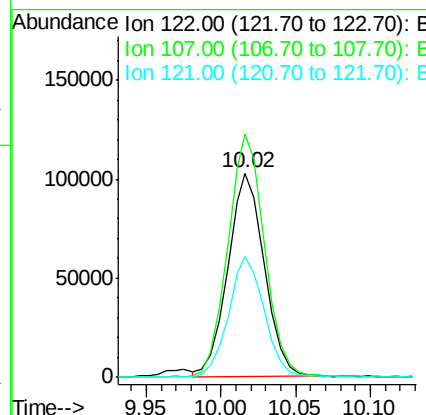
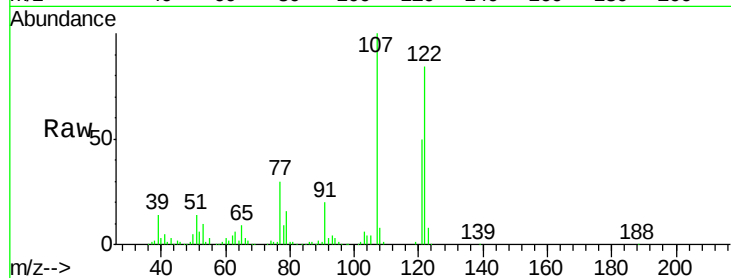




#27
 2,4-Dimethylphenol
 Concen: 45.660 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

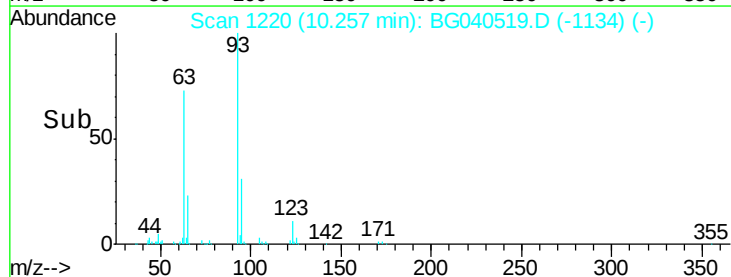
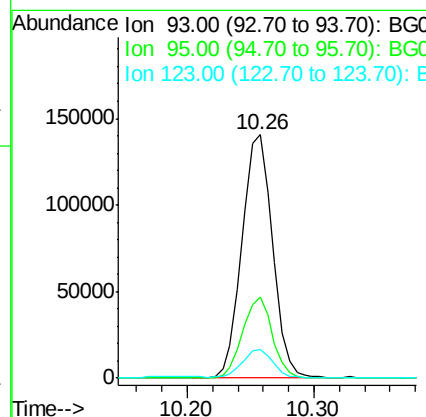
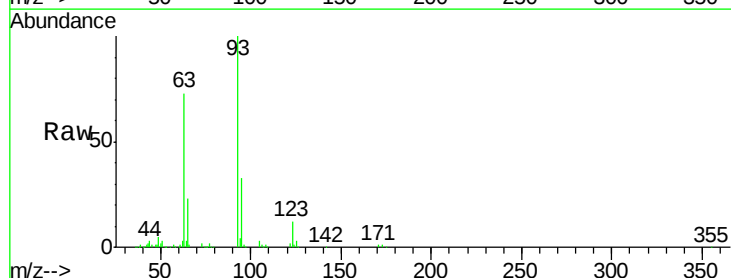
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Tgt Ion: 122 Resp: 174728
 Ion Ratio Lower Upper
 122 100
 107 119.4 97.4 146.2
 121 59.1 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.384 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 93 Resp: 235388
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 11.7 9.4 14.0

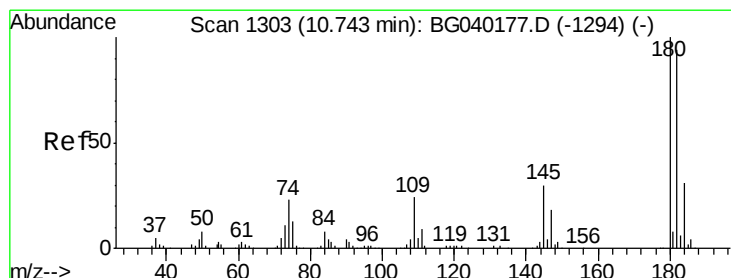
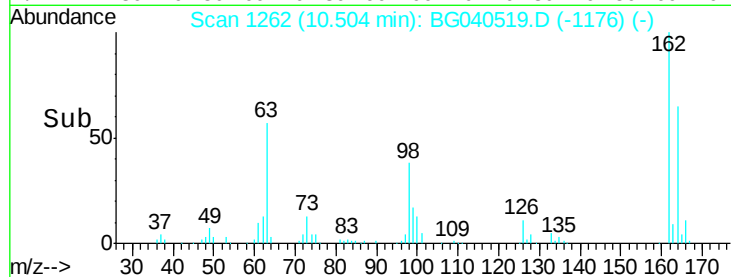
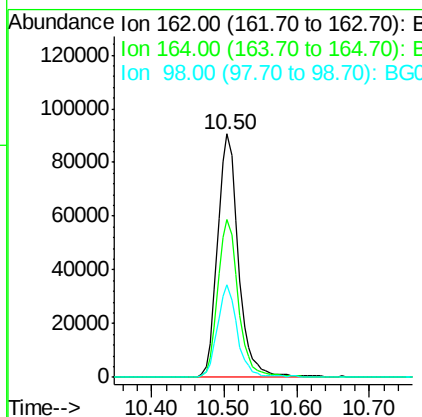
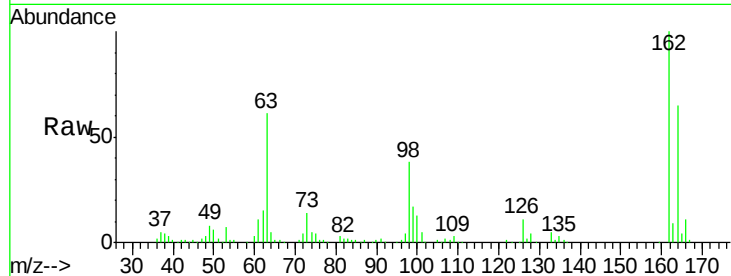




#29
 2,4-Dichlorophenol
 Concen: 43.792 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

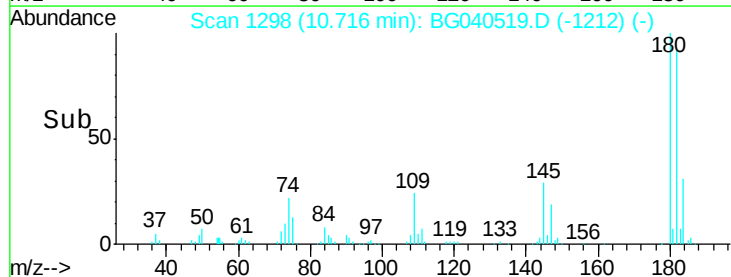
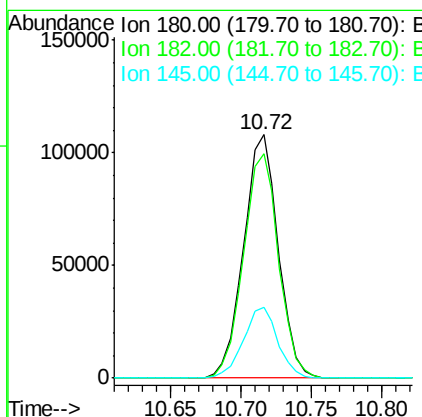
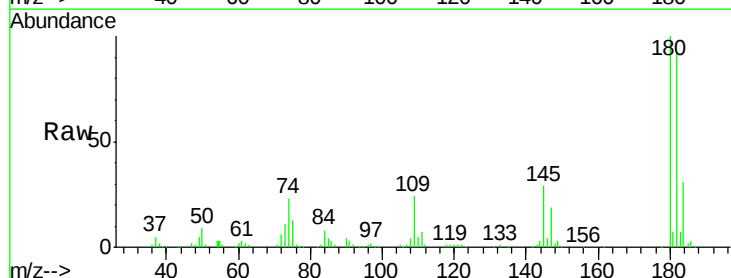
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

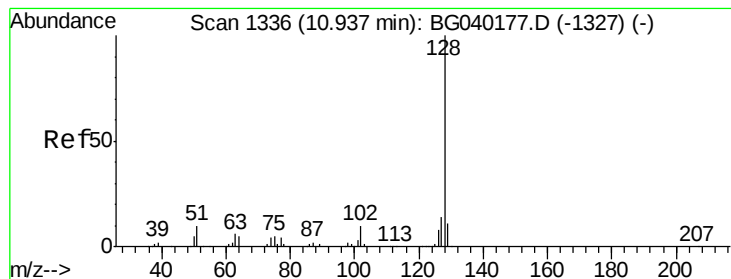
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.9	83.9
98	38.1	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.739 ng
 RT: 10.72 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	75.1	112.7
145	28.9	24.1	36.1

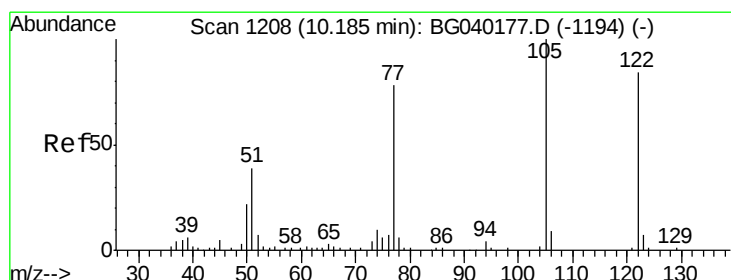
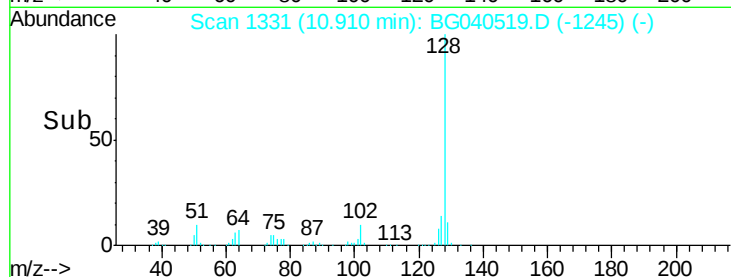
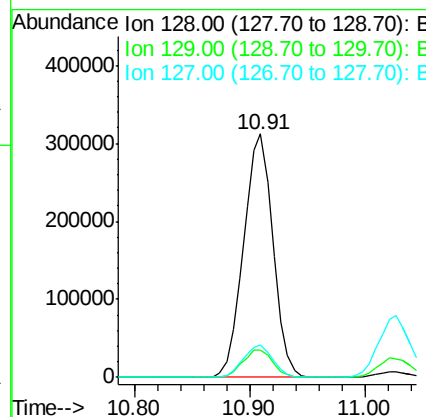
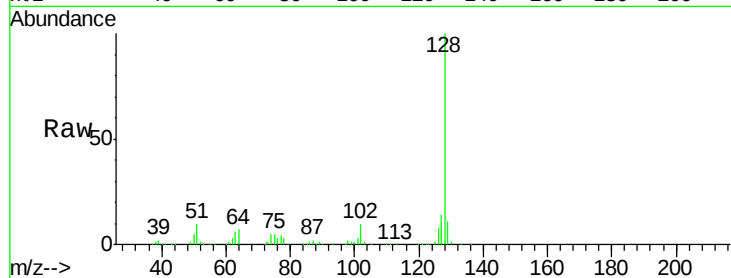




#31
Naphthalene
Concen: 41.090 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

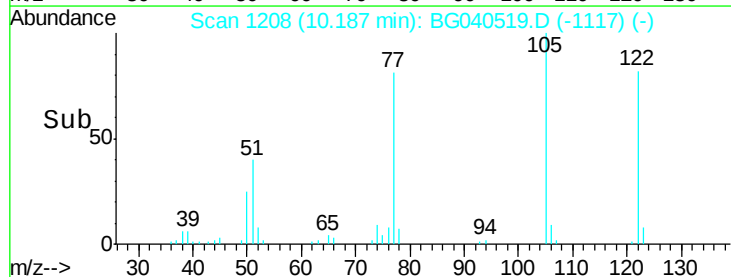
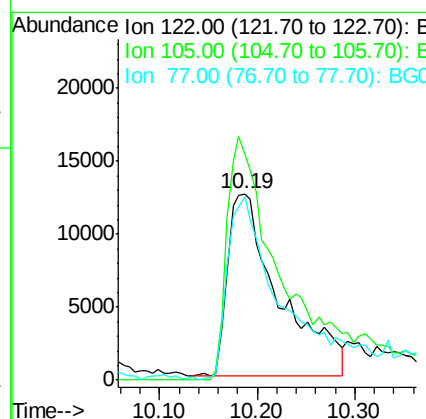
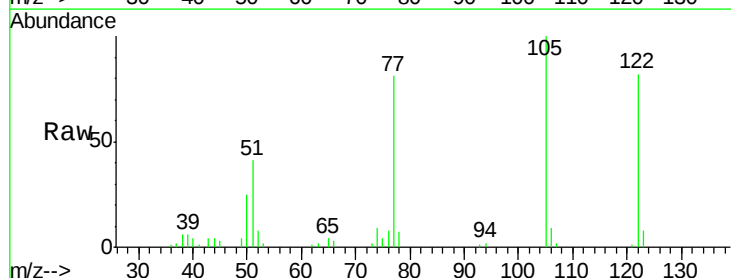
Instrument :
BNA_G
ClientSampleId :
PB118938BS

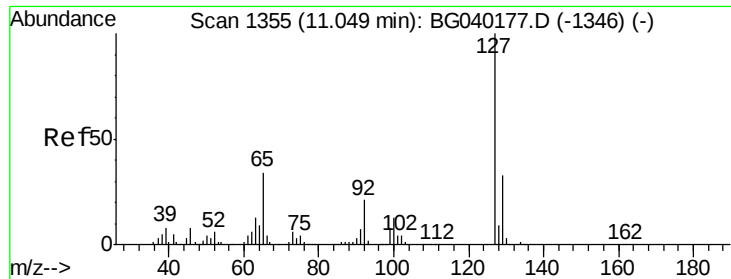
Tgt Ion:128 Resp: 549648
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 13.5 11.4 17.0



#32
Benzoic acid
Concen: 19.951 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:122 Resp: 46128
Ion Ratio Lower Upper
122 100
105 121.4 98.2 138.2
77 98.6 73.6 113.6

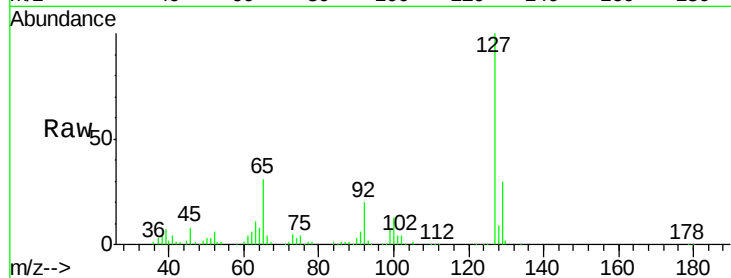




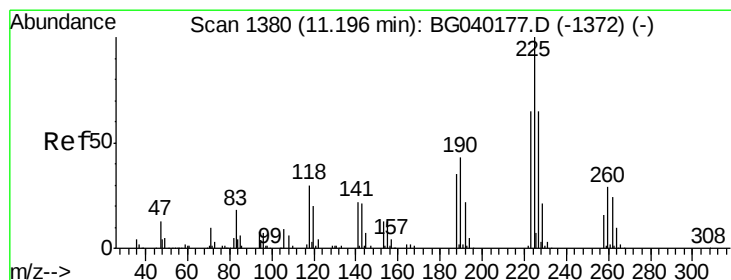
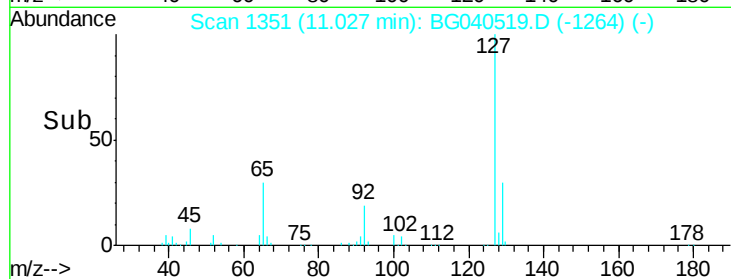
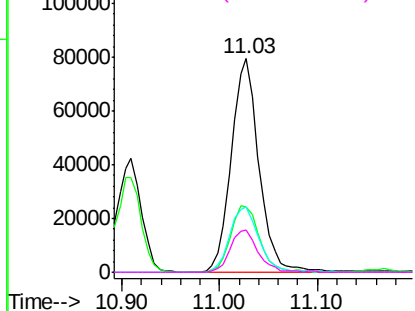
#33
4-Chloroaniline
Concen: 27.448 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:	127	Resp:	156615
Ion	Ratio	Lower	Upper
127	100		
129	30.4	26.6	40.0
65	30.6	27.0	40.4
92	19.7	16.6	25.0

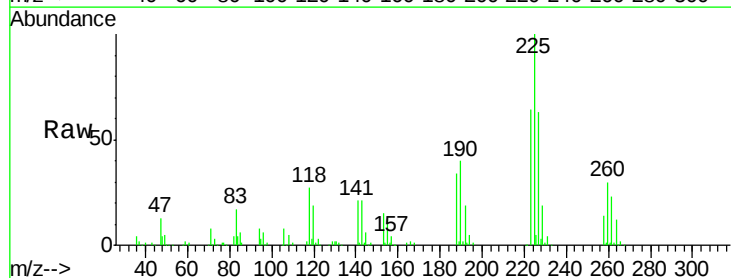


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

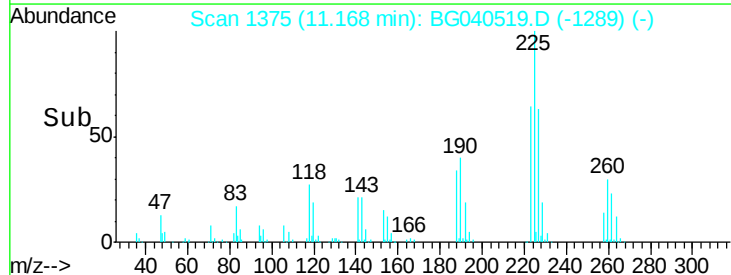
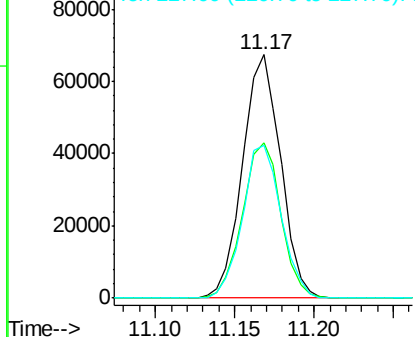


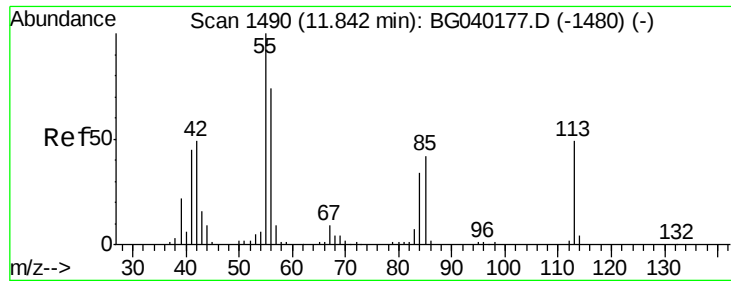
#34
Hexachlorobutadiene
Concen: 38.575 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:	225	Resp:	112519
Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.8	77.8
227	62.8	54.9	82.3



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





#35

Caprolactam

Concen: 40.792 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

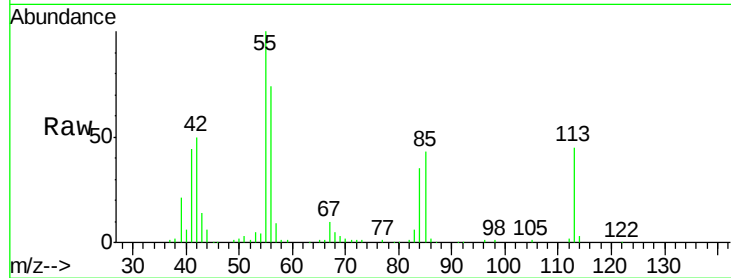
Tgt Ion:113 Resp: 67238

Ion Ratio Lower Upper

113 100

55 223.5 184.2 224.2

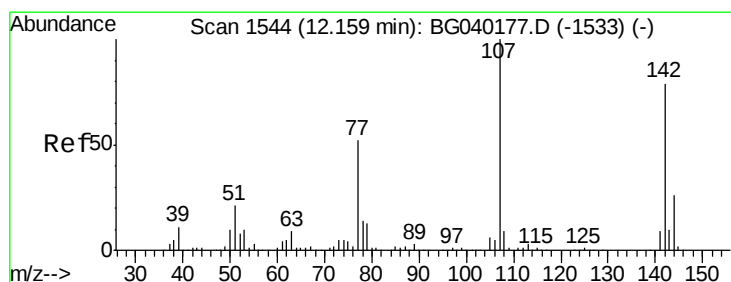
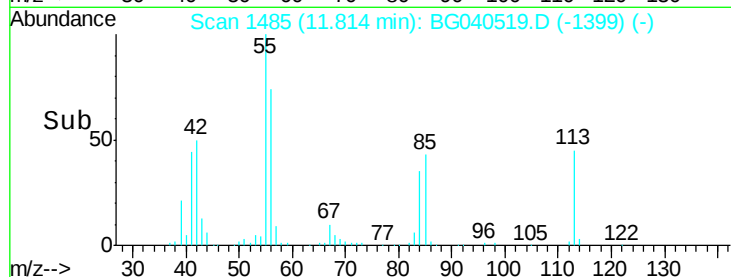
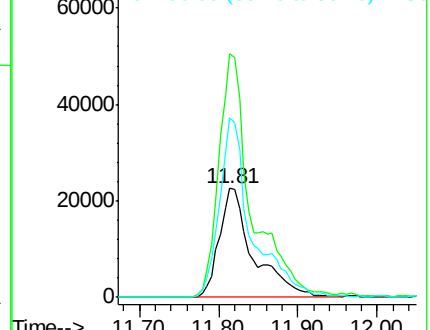
56 165.0 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.494 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

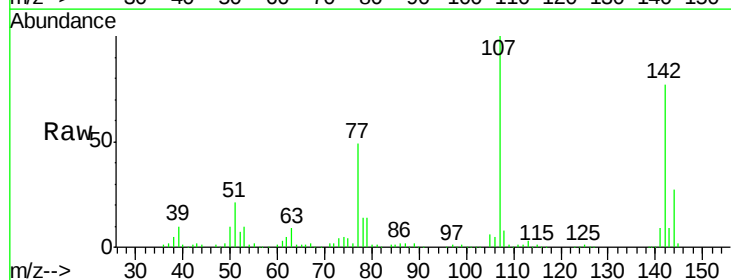
Tgt Ion:107 Resp: 207686

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

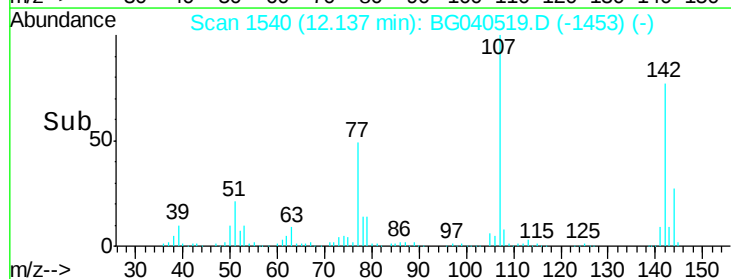
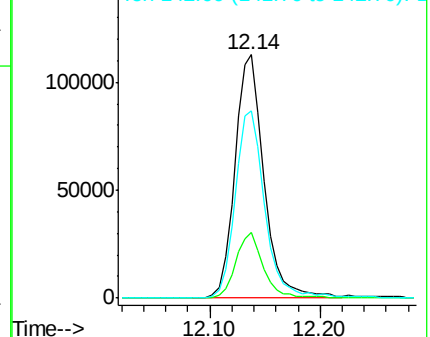
142 77.1 63.1 94.7

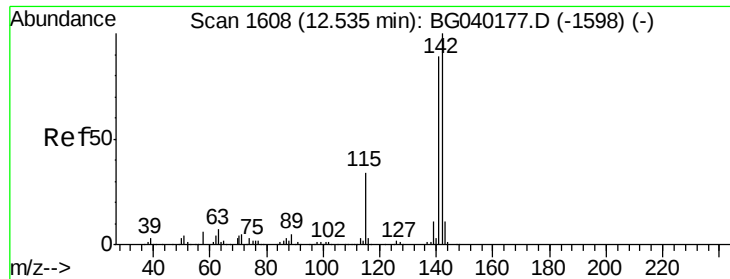


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

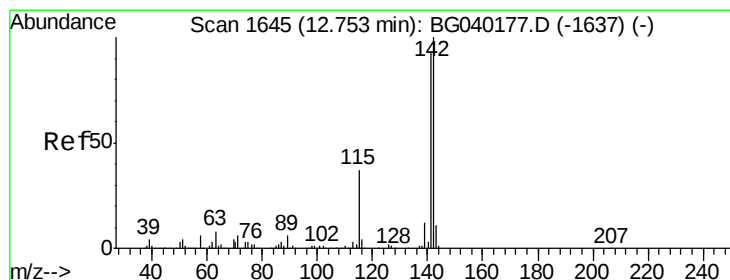
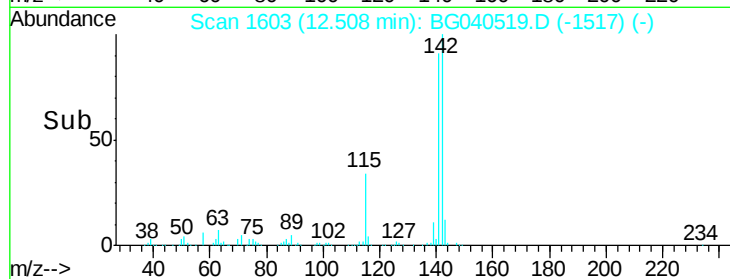
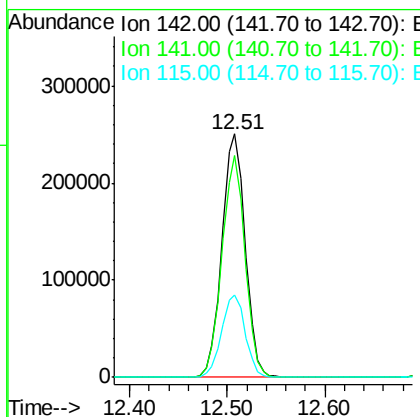
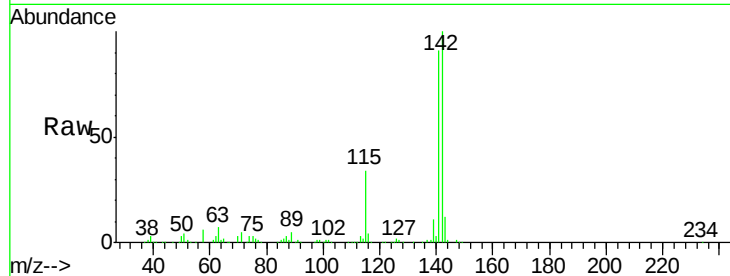




#37
2-Methylnaphthalene
Concen: 41.811 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

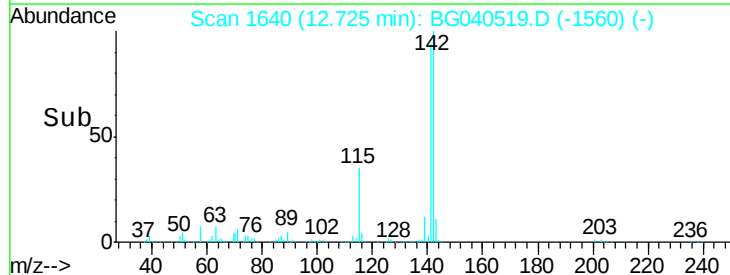
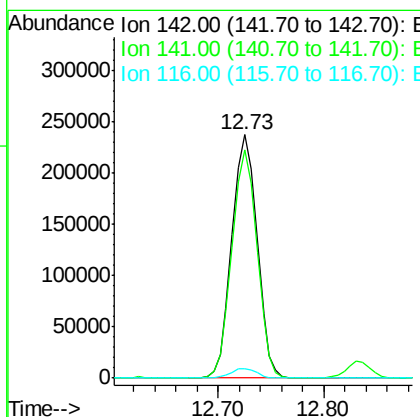
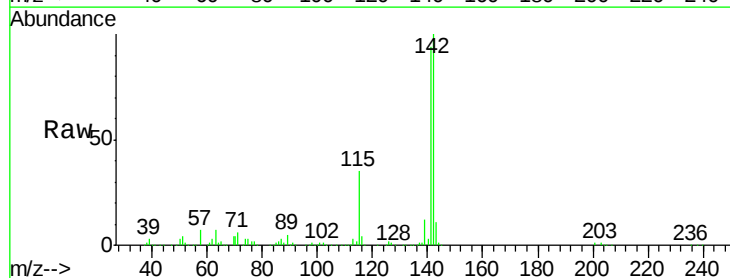
Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:142 Resp: 413641
Ion Ratio Lower Upper
142 100
141 91.3 71.0 106.6
115 34.0 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.914 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:142 Resp: 392503
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

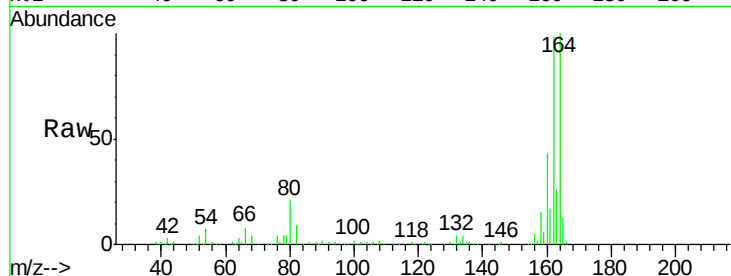
Tgt Ion:164 Resp: 165728

Ion Ratio Lower Upper

164 100

162 98.1 77.4 116.2

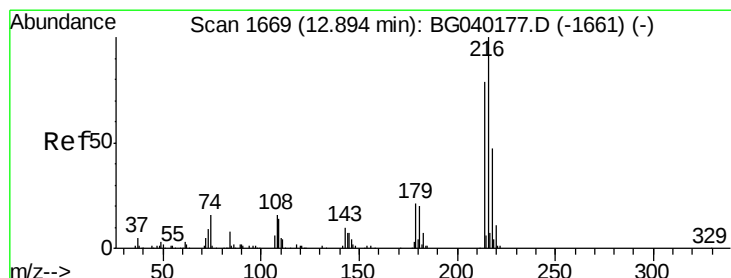
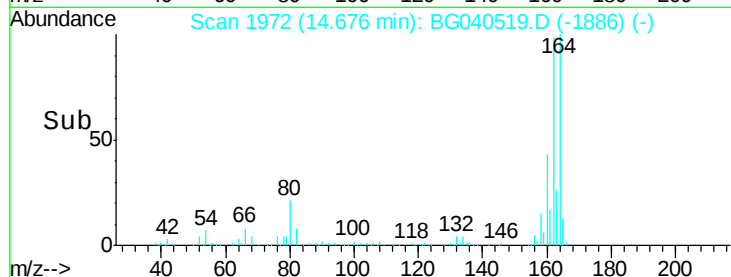
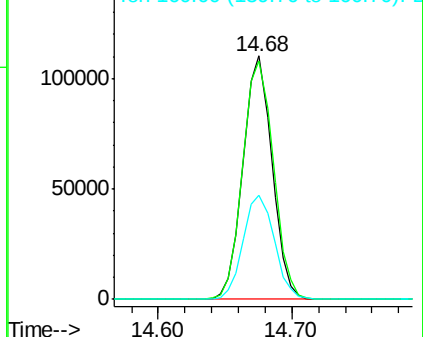
160 42.9 35.3 52.9



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: 40.131 ng

RT: 12.87 min Scan# 1664

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Tgt Ion:216 Resp: 211388

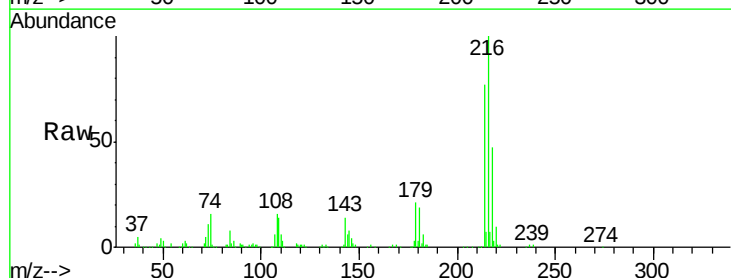
Ion Ratio Lower Upper

216 100

214 78.4 63.5 95.3

179 20.2 16.6 25.0

108 18.9 13.8 20.8

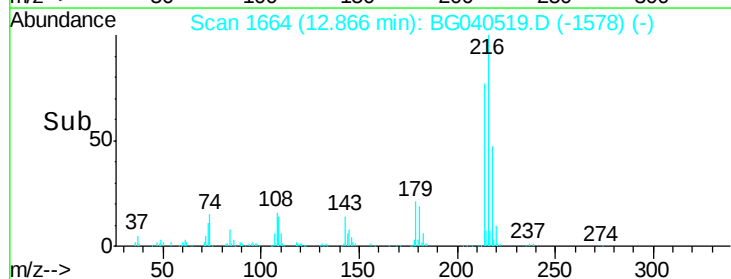
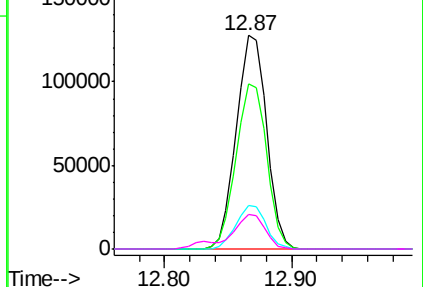


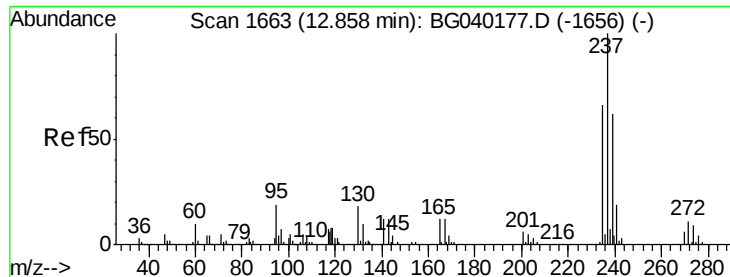
Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.524 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

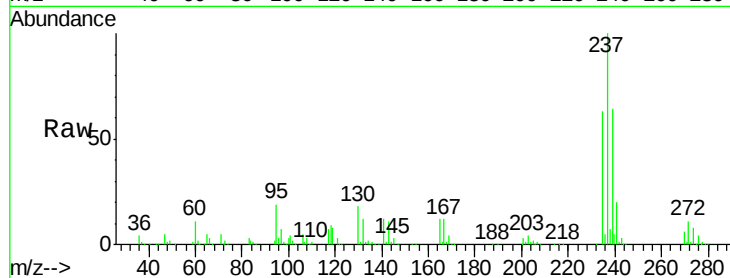
Tgt Ion: 237 Resp: 218430

Ion Ratio Lower Upper

237 100

235 63.0 46.2 86.2

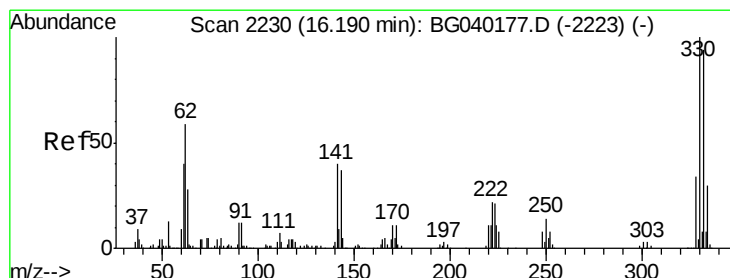
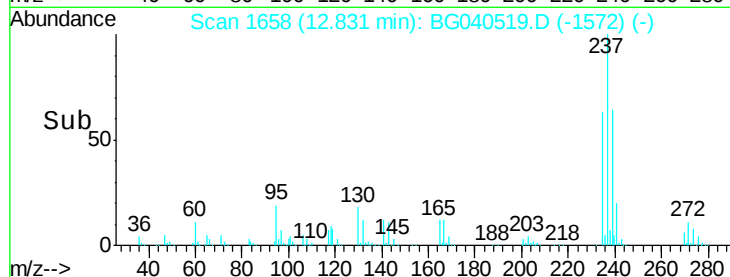
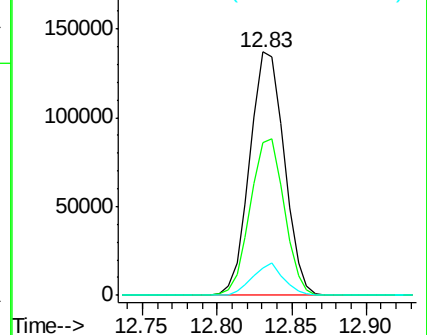
272 11.4 0.0 30.5



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: 142.971 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

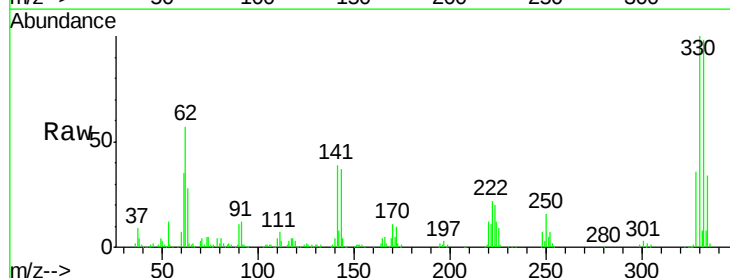
Tgt Ion: 330 Resp: 256073

Ion Ratio Lower Upper

330 100

332 99.3 76.6 115.0

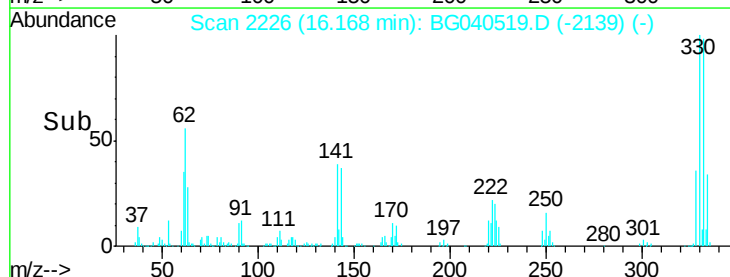
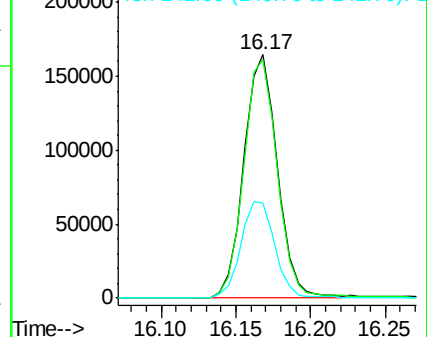
141 40.6 32.6 48.8

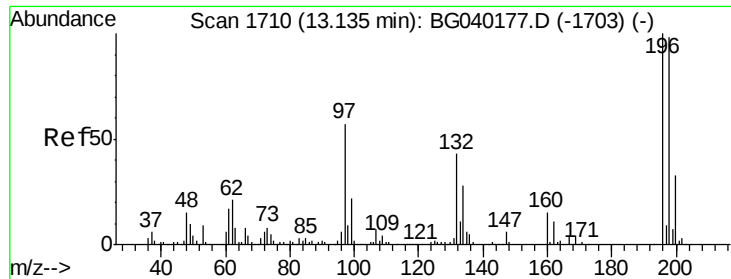


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

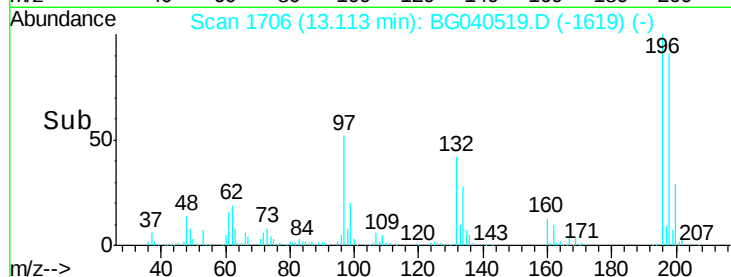
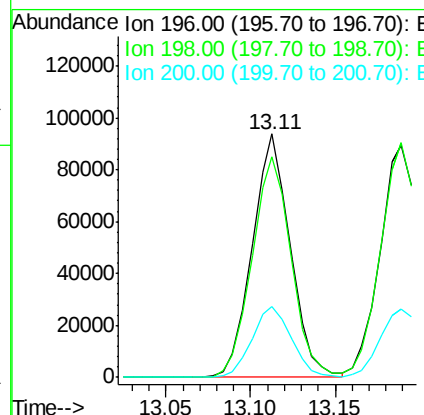
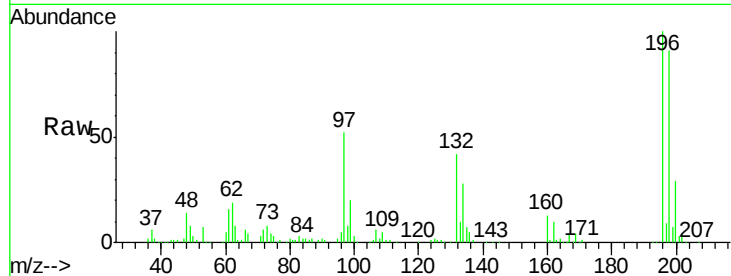




#43
 2,4,6-Trichlorophenol
 Concen: 43.233 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

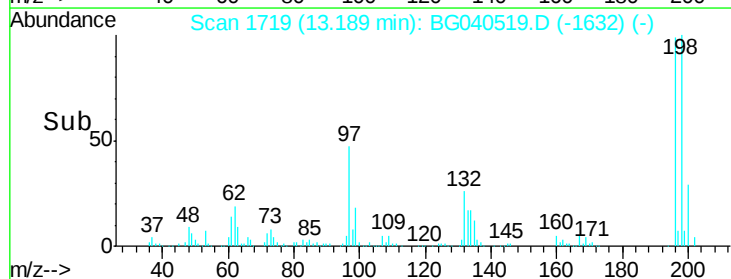
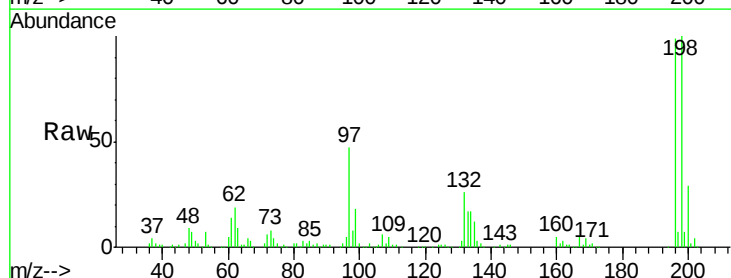
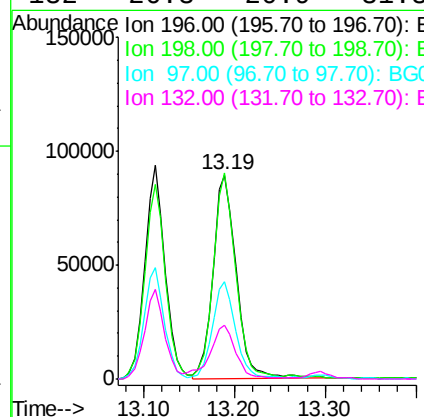
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Tgt Ion:196 Resp: 146822
 Ion Ratio Lower Upper
 196 100
 198 90.9 78.3 117.5
 200 29.0 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.991 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:196 Resp: 159136
 Ion Ratio Lower Upper
 196 100
 198 100.9 75.0 112.6
 97 47.5 37.3 55.9
 132 26.3 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 84.726 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

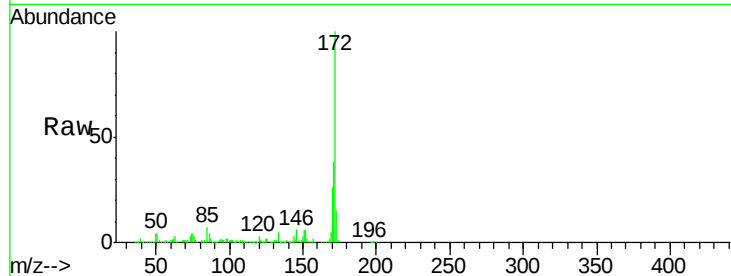
Tgt Ion:172 Resp: 947622

Ion Ratio Lower Upper

172 100

171 37.7 30.5 45.7

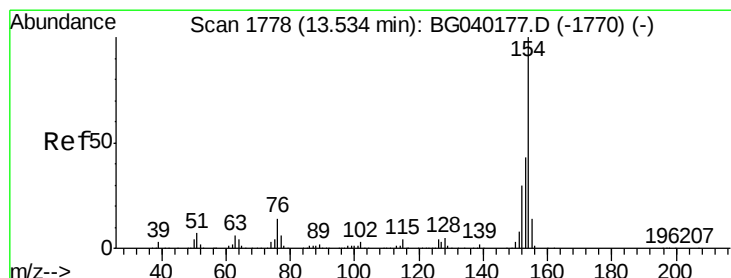
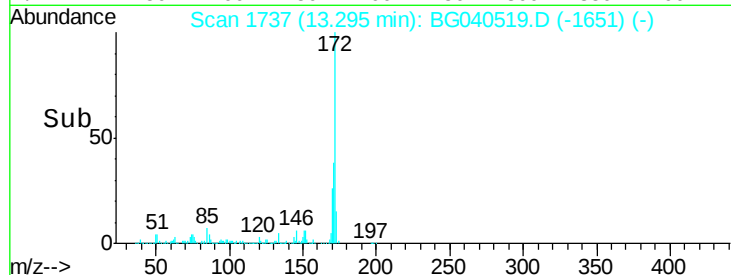
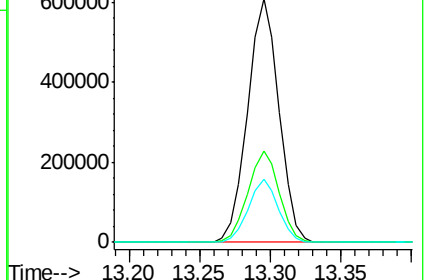
170 25.8 20.1 30.1



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: 40.421 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

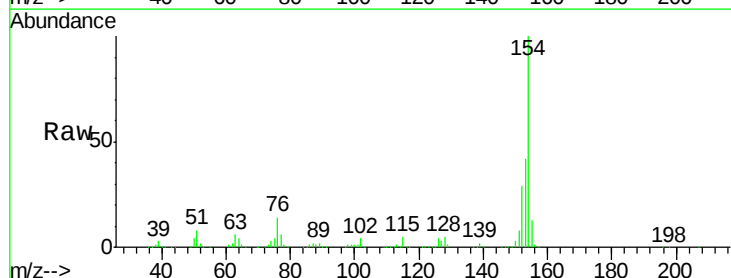
Tgt Ion:154 Resp: 529300

Ion Ratio Lower Upper

154 100

153 42.2 22.5 62.5

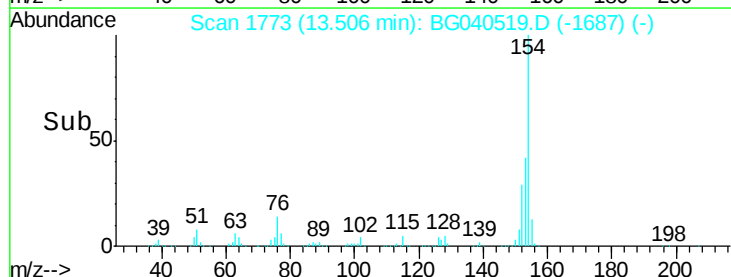
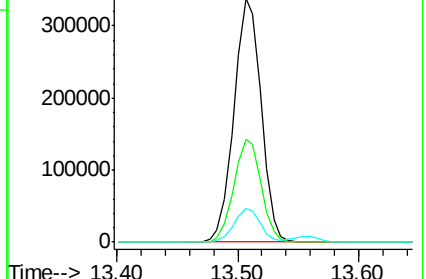
76 13.8 0.0 33.7

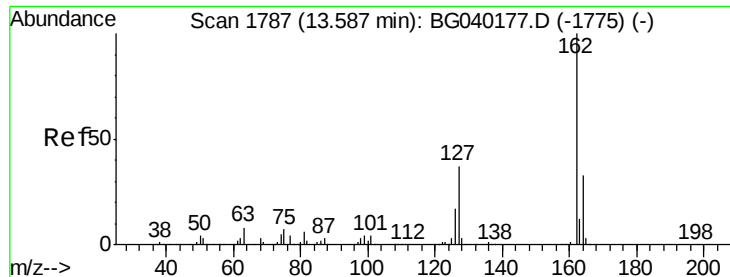


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

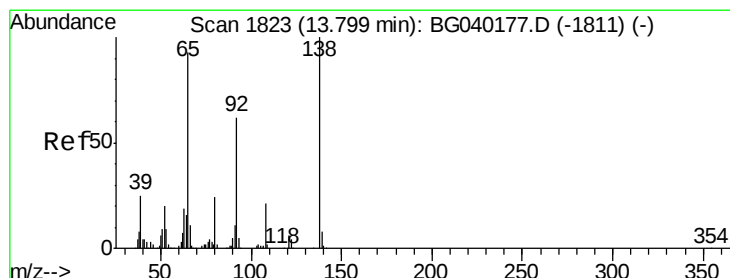
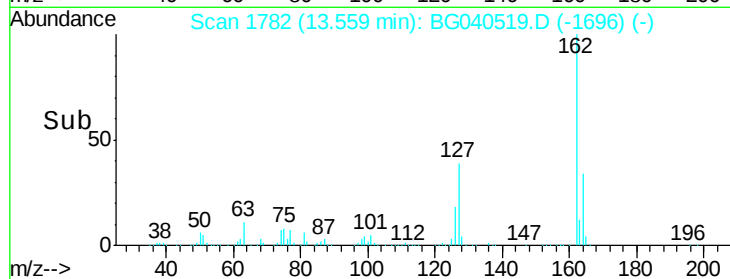
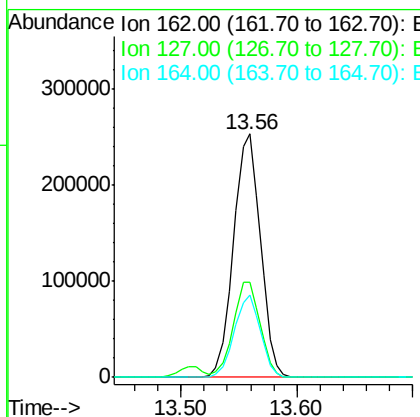
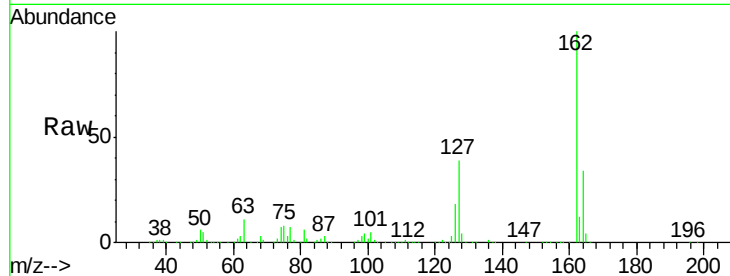




#47
 2-Chloronaphthalene
 Concen: 40.672 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

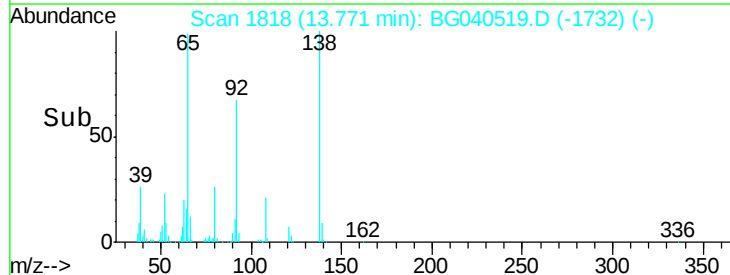
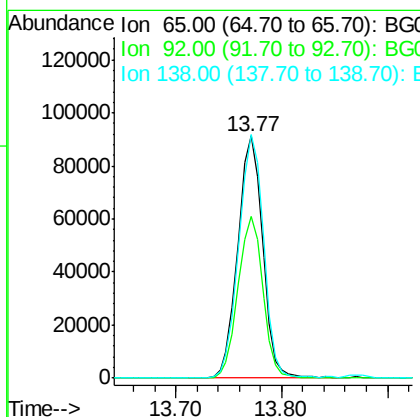
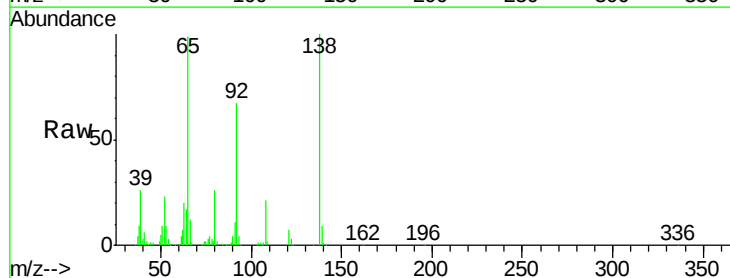
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

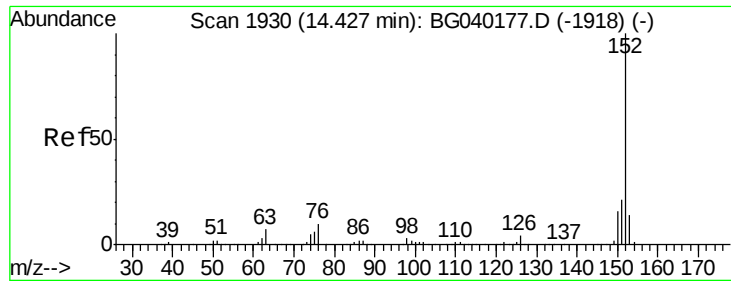
Tgt Ion: 162 Resp: 408526
 Ion Ratio Lower Upper
 162 100
 127 38.9 30.6 45.8
 164 33.6 26.2 39.4



#48
 2-Nitroaniline
 Concen: 43.889 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 65 Resp: 148698
 Ion Ratio Lower Upper
 65 100
 92 67.0 53.8 80.6
 138 100.5 86.3 129.5





#49

Acenaphthylene

Concen: 40.384 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

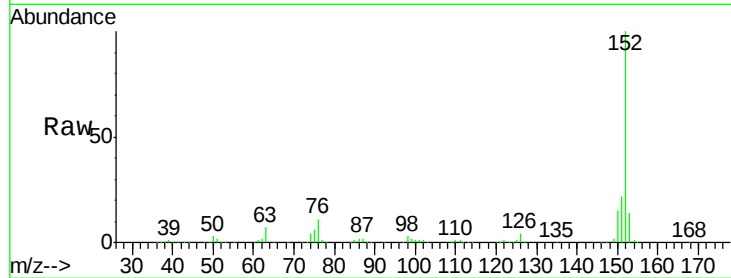
Tgt Ion:152 Resp: 687743

Ion Ratio Lower Upper

152 100

151 21.7 17.0 25.6

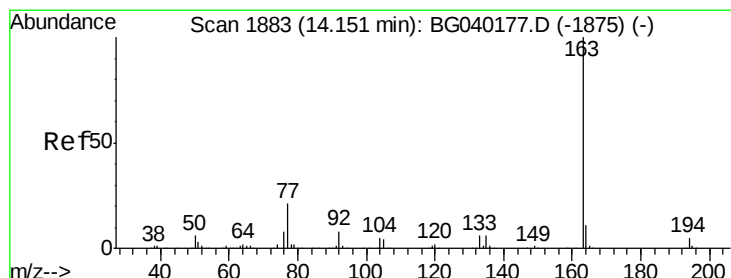
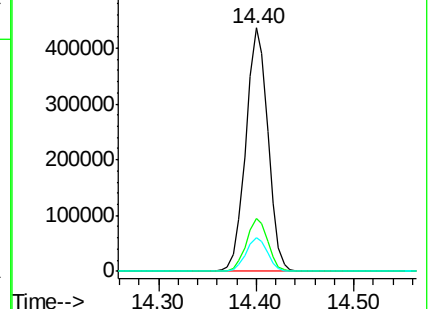
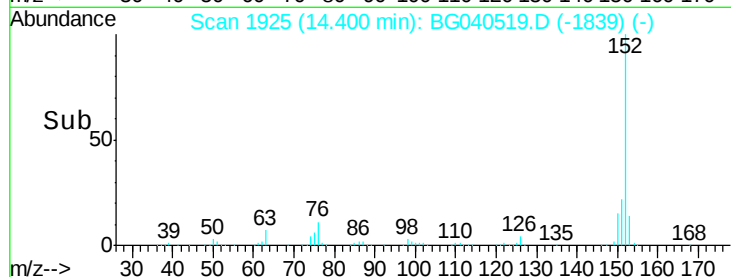
153 13.7 10.8 16.2



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: 41.791 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

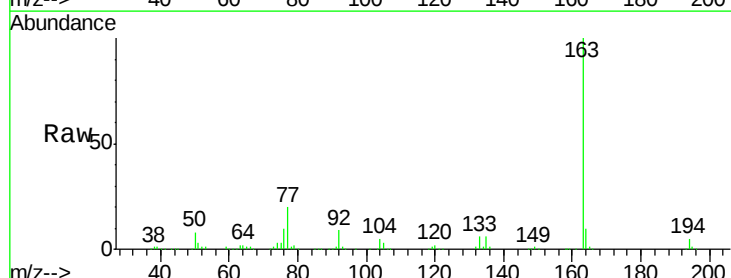
Tgt Ion:163 Resp: 542048

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

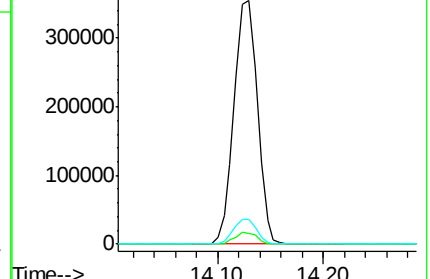
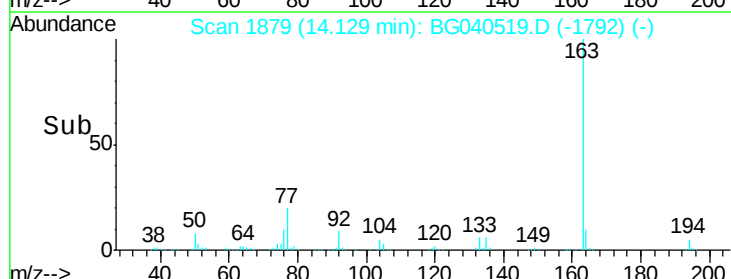
164 10.2 8.6 13.0

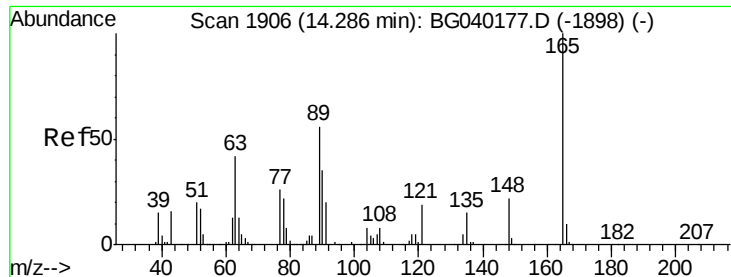


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

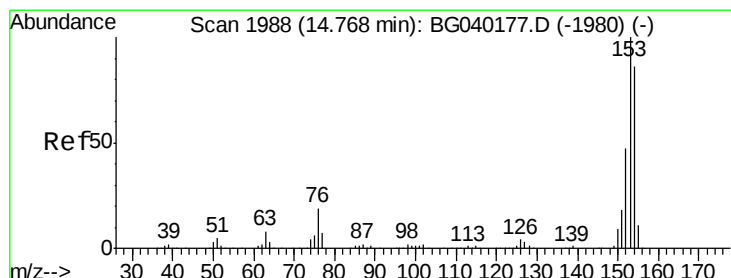
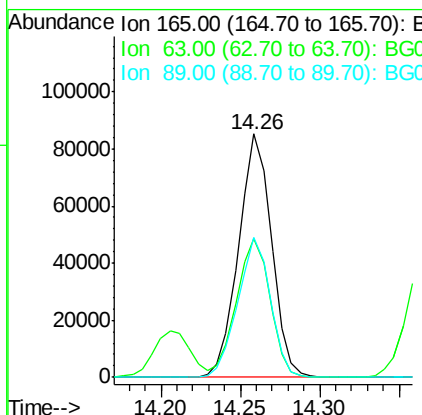
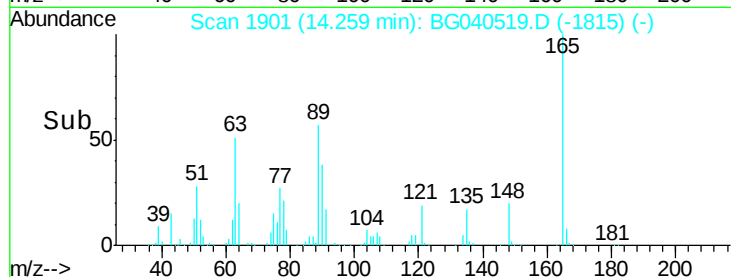
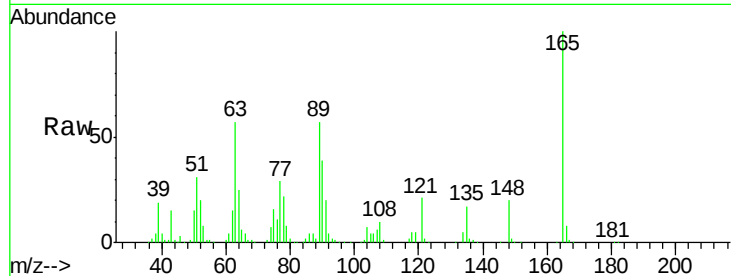




#51
 2,6-Dinitrotoluene
 Concen: 42.259 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

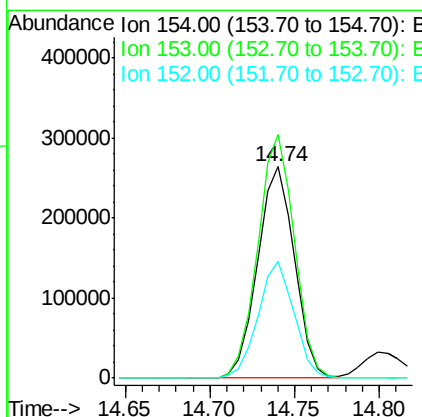
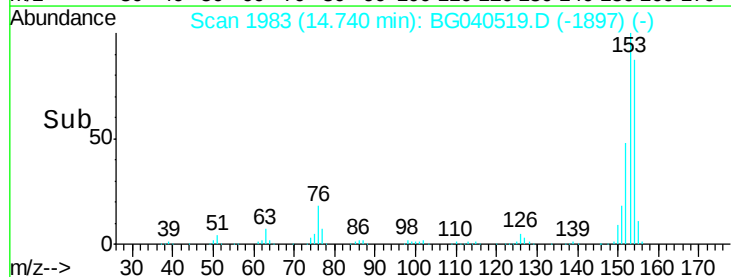
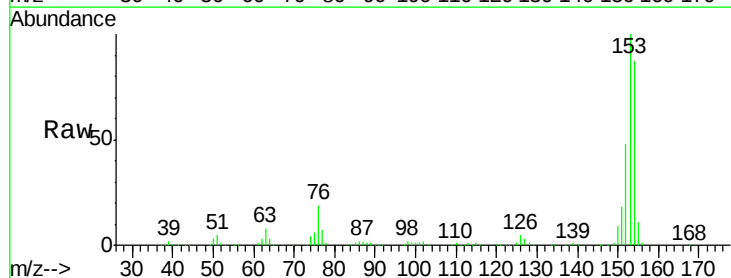
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

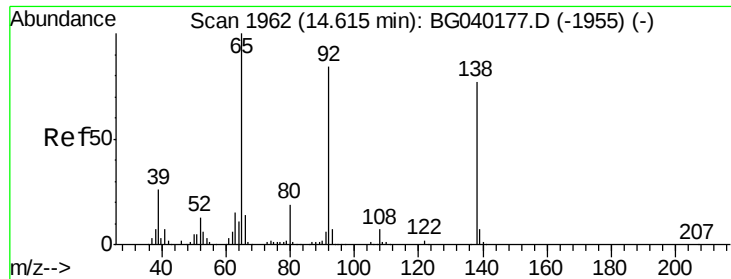
Tgt Ion:165 Resp: 123072
 Ion Ratio Lower Upper
 165 100
 63 56.8 44.1 66.1
 89 57.5 44.9 67.3



#52
 Acenaphthene
 Concen: 41.042 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:154 Resp: 400511
 Ion Ratio Lower Upper
 154 100
 153 115.1 92.8 139.2
 152 55.2 43.4 65.2

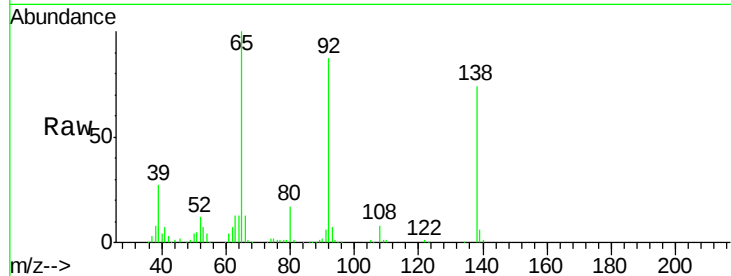




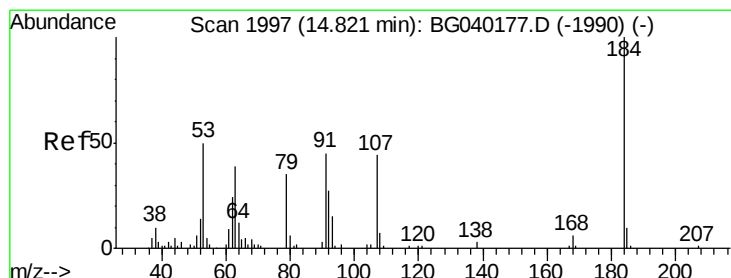
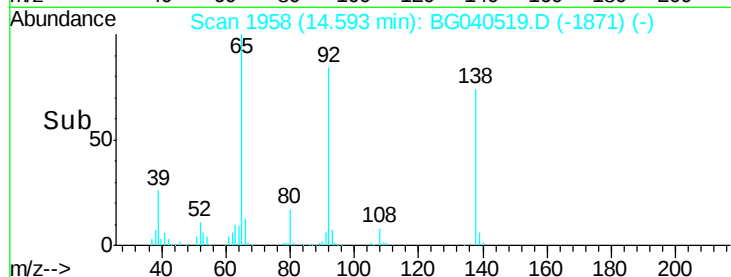
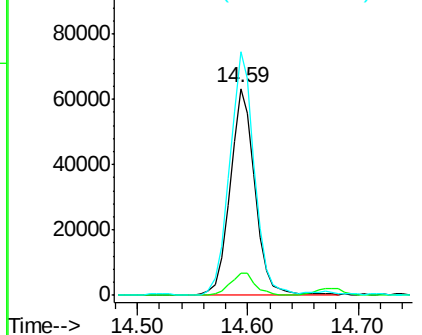
#53
 3-Nitroaniline
 Concen: 32.233 ng
 RT: 14.59 min Scan# 1958
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Tgt Ion:138 Resp: 99367
 Ion Ratio Lower Upper
 138 100
 108 10.8 7.8 11.8
 92 117.9 87.5 131.3

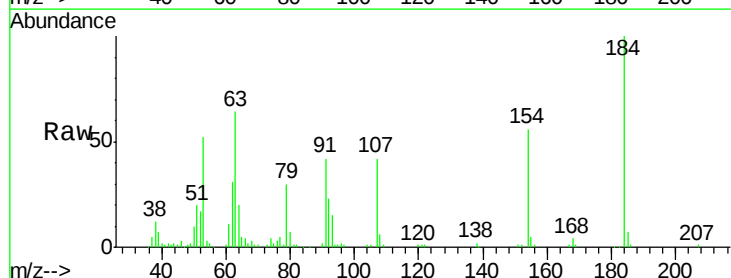


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): B

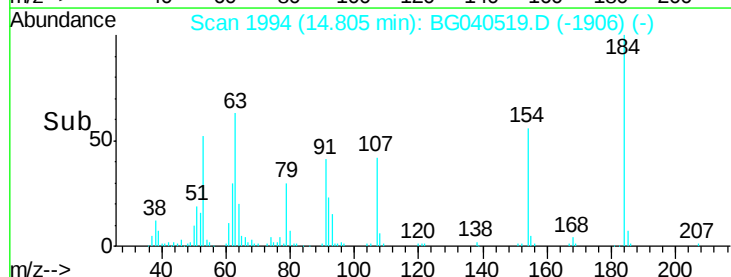
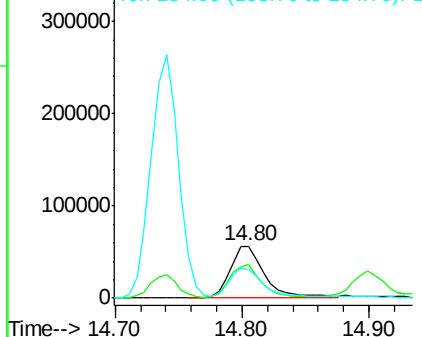


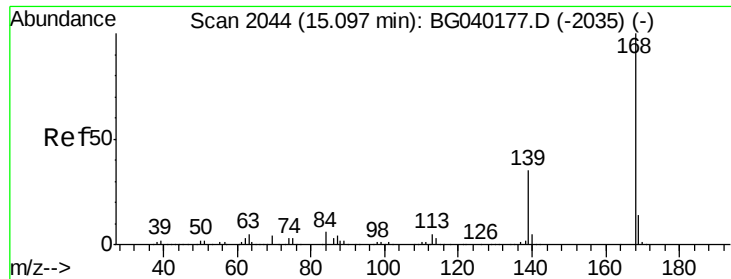
#54
 2,4-Dinitrophenol
 Concen: 68.152 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.02 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:184 Resp: 105557
 Ion Ratio Lower Upper
 184 100
 63 64.3 51.8 77.8
 154 55.7 50.9 76.3



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

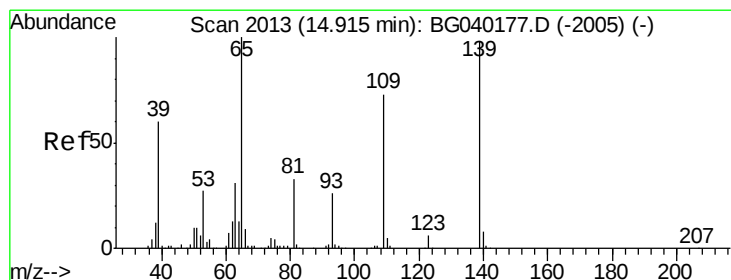
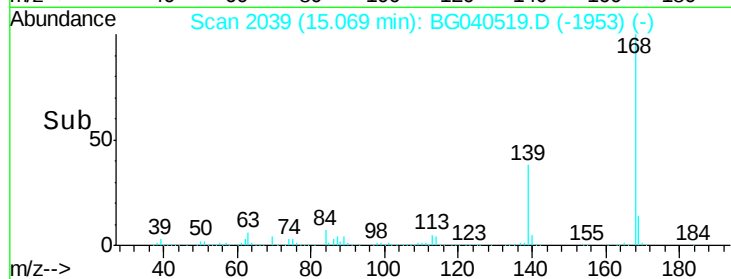
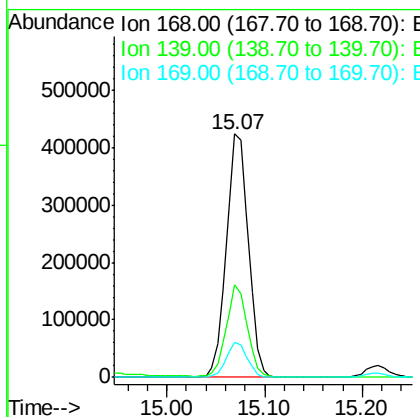
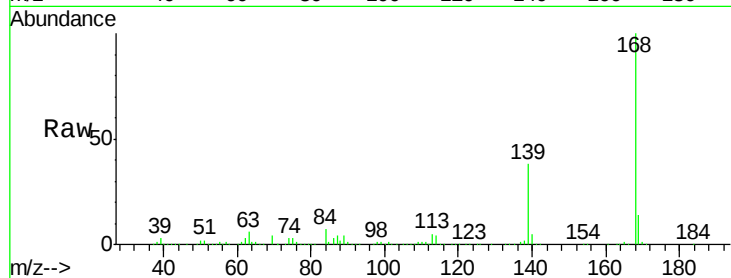




#55
Dibenzenofuran
Concen: 42.215 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

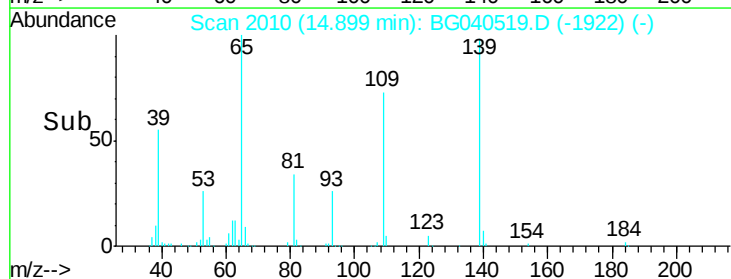
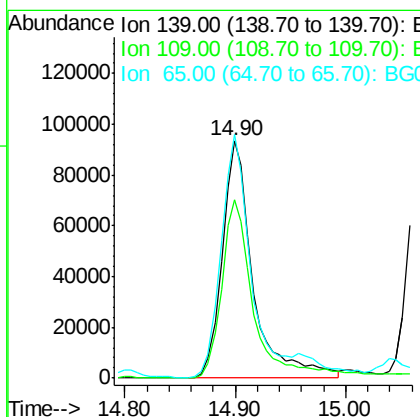
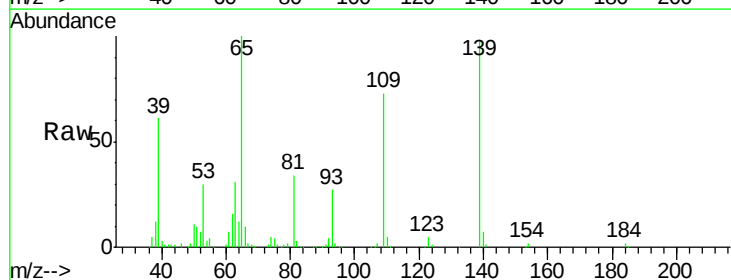
Instrument :
BNA_G
ClientSampleId :
PB118938BS

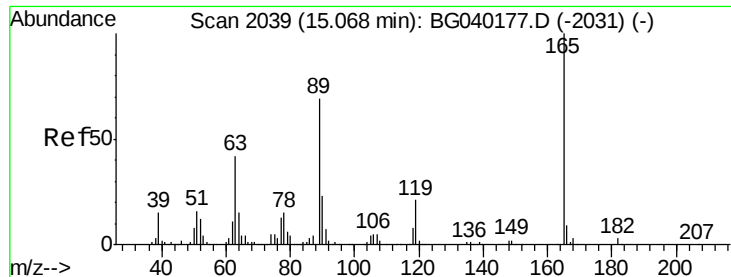
Tgt Ion:168 Resp: 661954
Ion Ratio Lower Upper
168 100
139 37.8 27.9 41.9
169 14.4 11.3 16.9



#56
4-Nitrophenol
Concen: 73.218 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:139 Resp: 182174
Ion Ratio Lower Upper
139 100
109 74.9 54.3 94.3
65 102.4 82.5 122.5

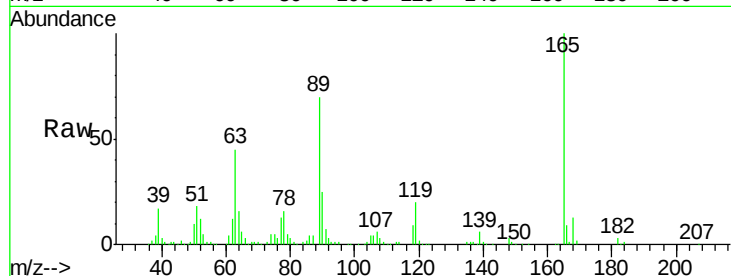




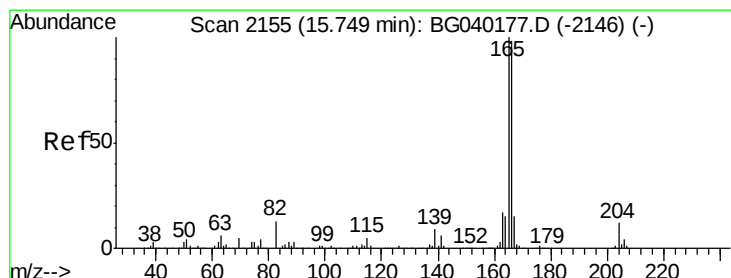
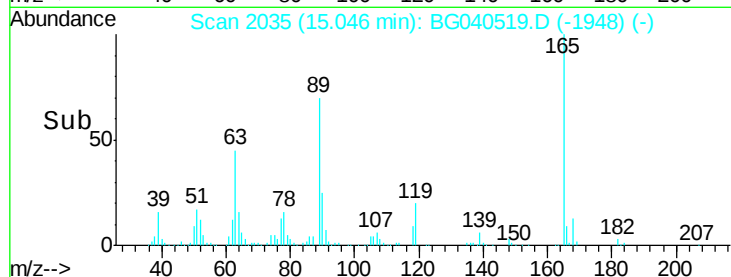
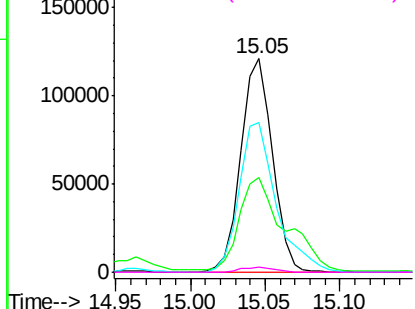
#57
2,4-Dinitrotoluene
Concen: 44.011 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:	165	Resp:	178102
Ion	Ratio	Lower	Upper
165	100		
63	44.6	33.8	50.6
89	70.4	55.4	83.2
182	2.7	2.2	3.4

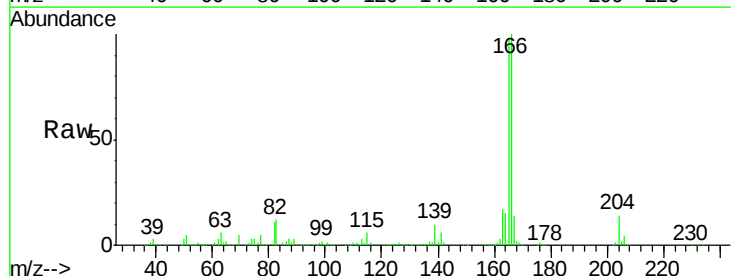


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

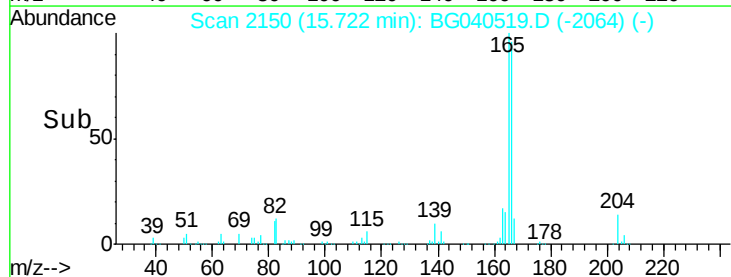
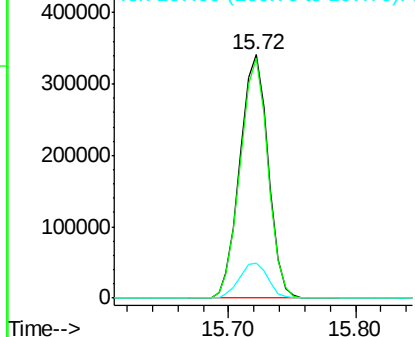


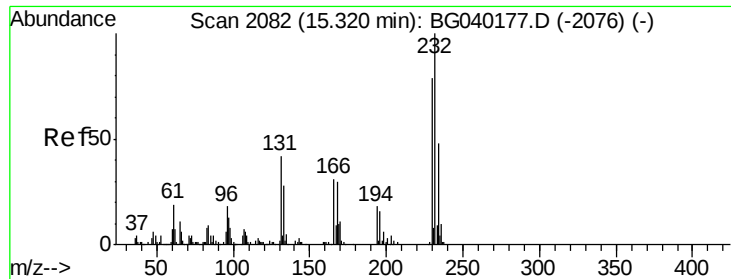
#58
Fluorene
Concen: 42.740 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:	166	Resp:	526908
Ion	Ratio	Lower	Upper
166	100		
165	98.5	81.7	122.5
167	14.3	11.9	17.9



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

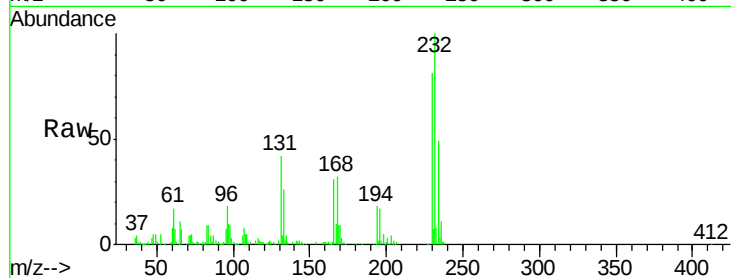




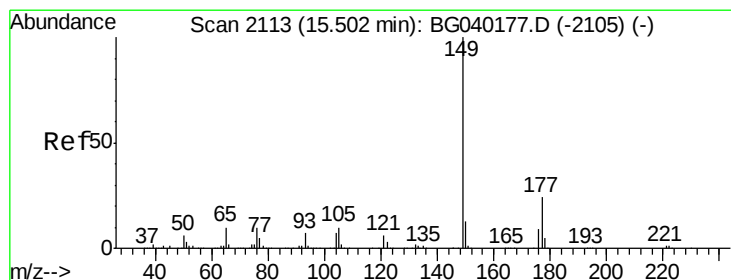
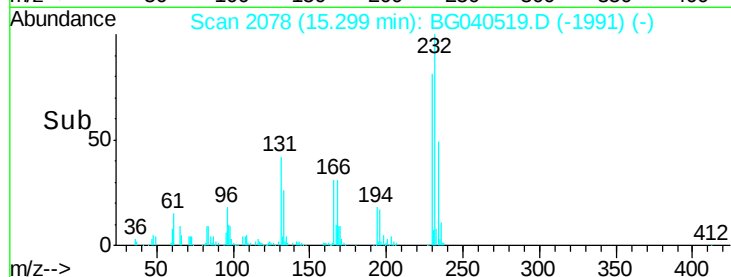
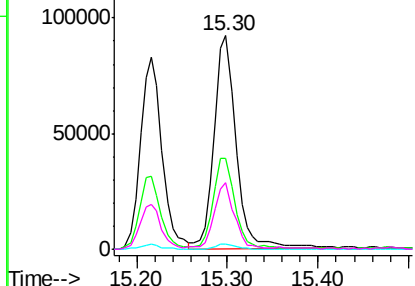
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.965 ng
RT: 15.30 min Scan# 2078
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:	232	Resp:	154399
Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.9	49.3
130	2.3	1.8	2.8
166	27.7	23.5	35.3

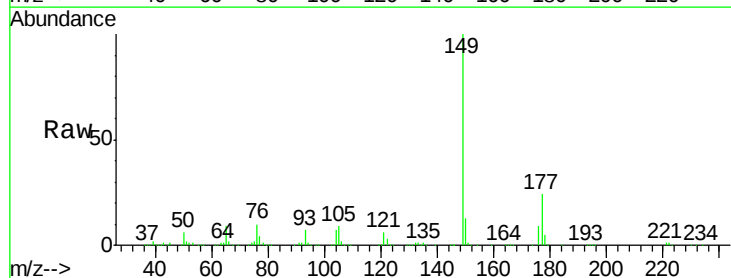


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

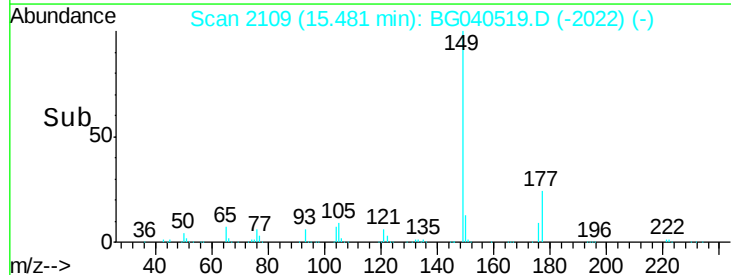
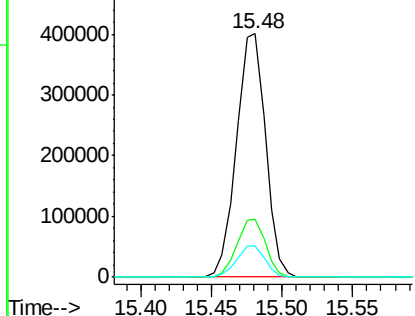


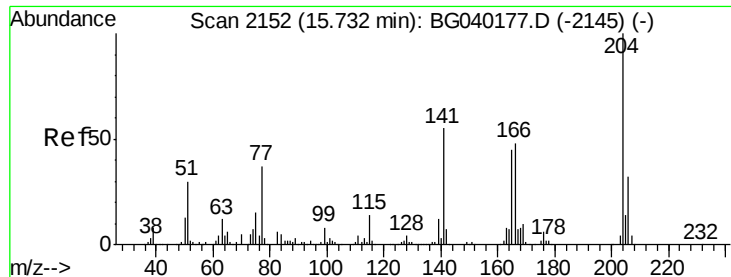
#60
Diethylphthalate
Concen: 43.465 ng
RT: 15.48 min Scan# 2109
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:	149	Resp:	576902
Ion	Ratio	Lower	Upper
149	100		
177	23.7	19.1	28.7
150	13.0	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

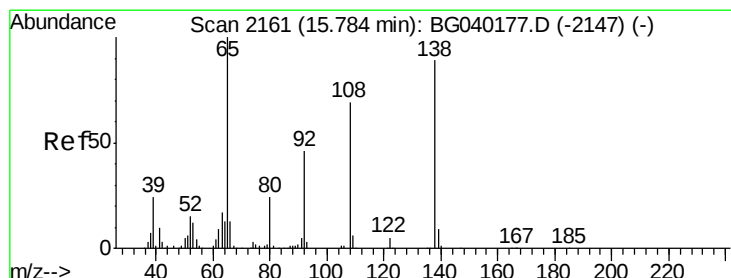
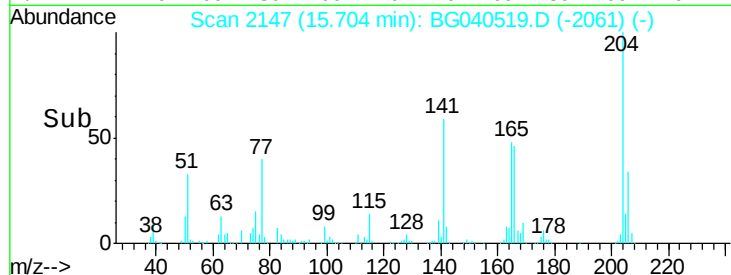
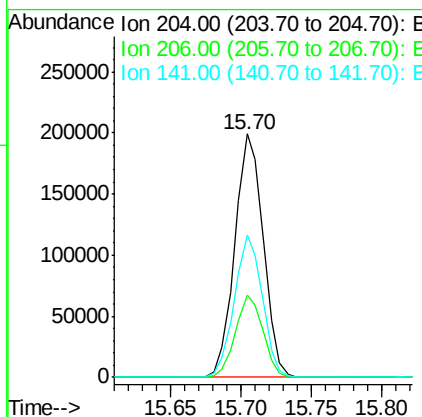
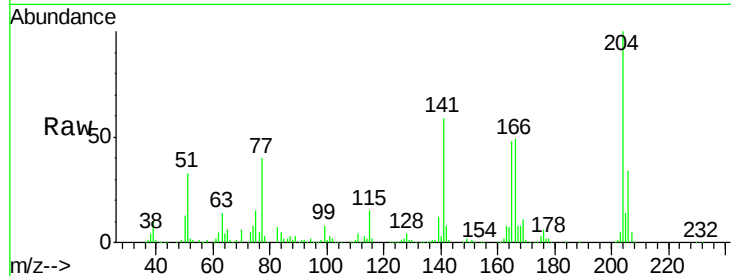




#61
 4-Chlorophenyl-phenylether
 Concen: 42.393 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

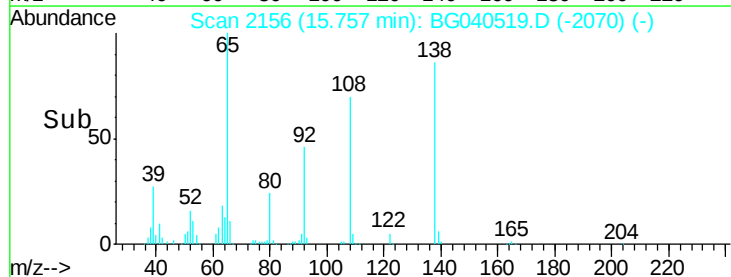
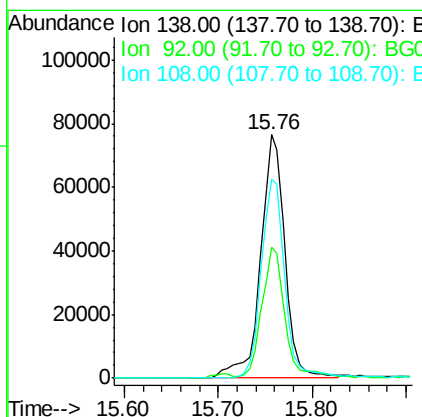
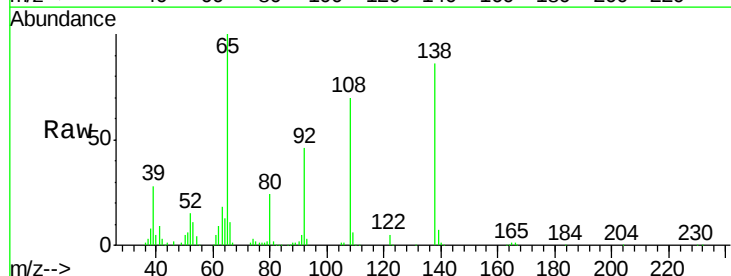
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

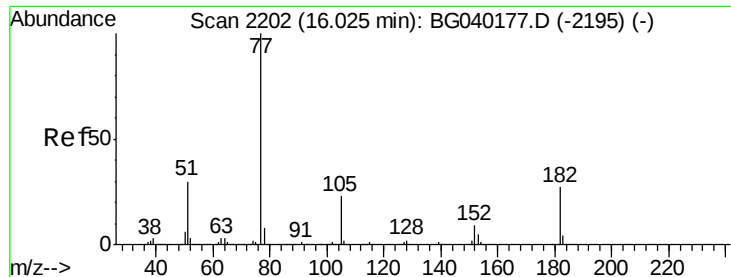
Tgt Ion: 204 Resp: 279366
 Ion Ratio Lower Upper
 204 100
 206 34.0 25.7 38.5
 141 58.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 41.431 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion: 138 Resp: 137068
 Ion Ratio Lower Upper
 138 100
 92 53.5 31.8 71.8
 108 81.6 57.2 97.2





#63

Azobenzene

Concen: 43.084 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

Tgt Ion: 77 Resp: 539394

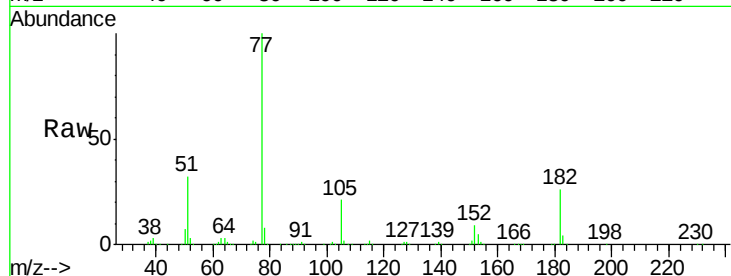
Ion Ratio Lower Upper

77 100

182 25.8 7.2 47.2

105 20.9 2.8 42.8

51 31.5 10.4 50.4

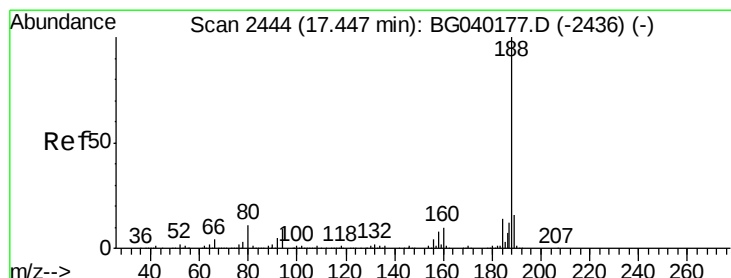
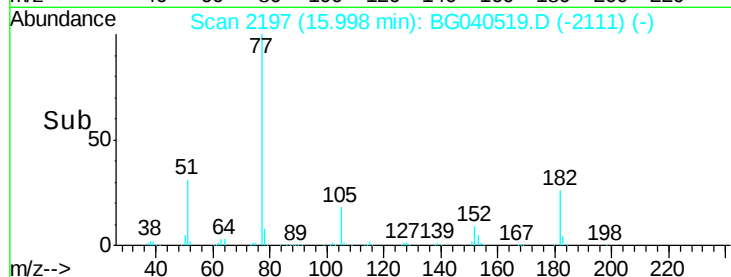
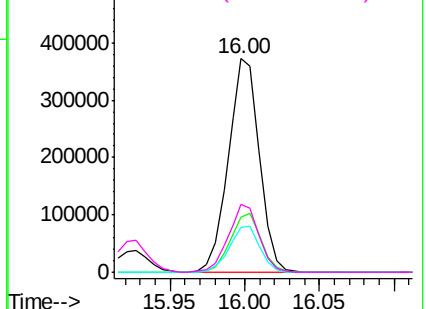


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2439

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

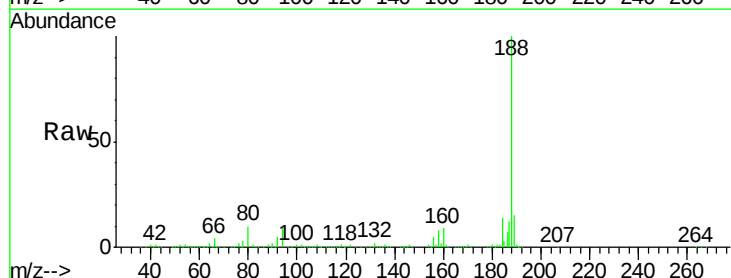
Tgt Ion: 188 Resp: 418001

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

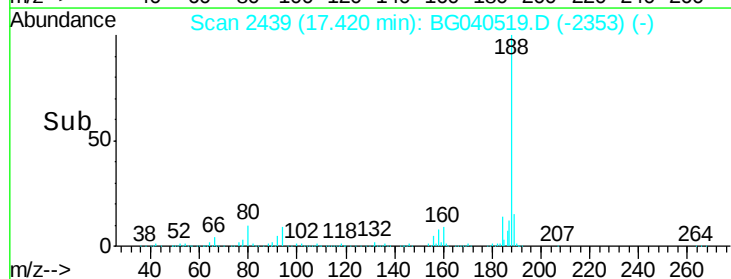
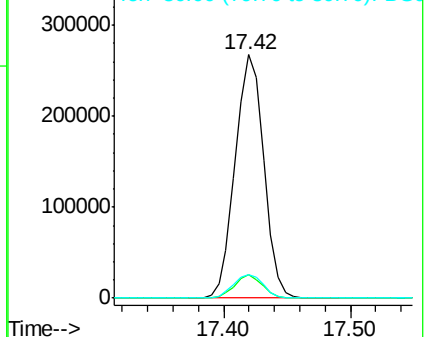
80 9.8 8.6 13.0



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

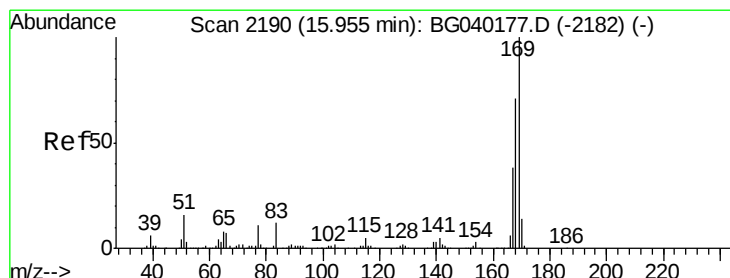
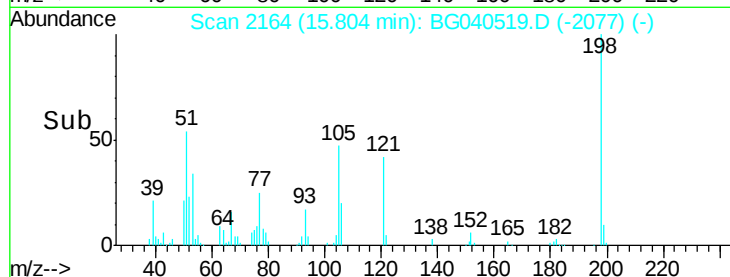
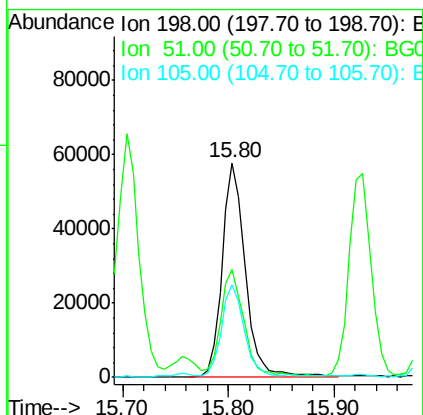
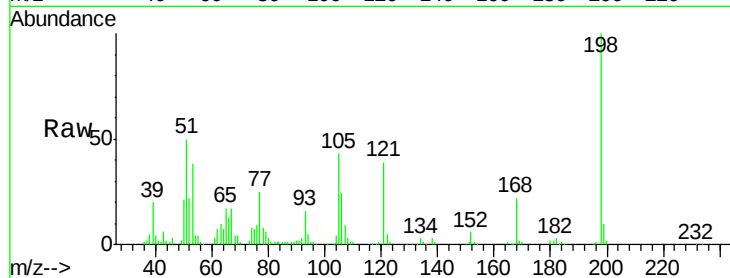




#65
4,6-Dinitro-2-methylphenol
Concen: 37.801 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

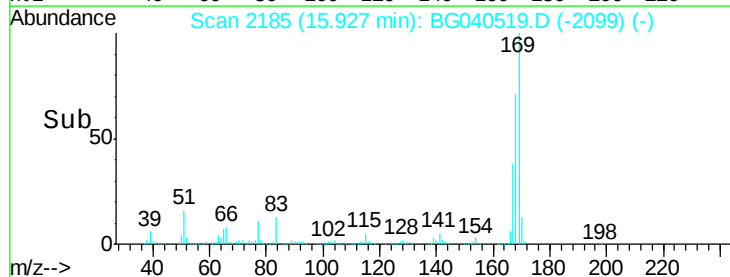
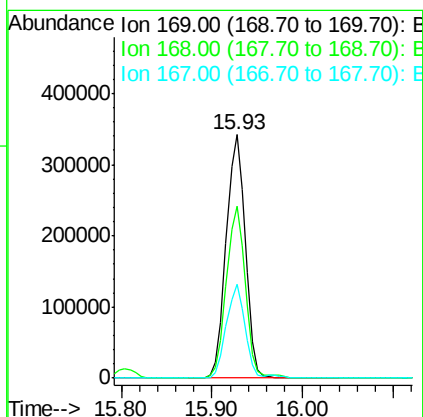
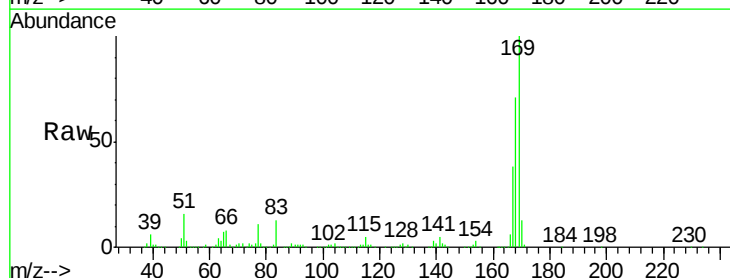
Instrument :
BNA_G
ClientSampleId :
PB118938BS

Tgt Ion:198 Resp: 88771
Ion Ratio Lower Upper
198 100
51 50.3 27.3 67.3
105 43.4 21.7 61.7



#66
n-Nitrosodiphenylamine
Concen: 40.958 ng
RT: 15.93 min Scan# 2185
Delta R.T. -0.03 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:169 Resp: 500988
Ion Ratio Lower Upper
169 100
168 70.8 56.8 85.2
167 38.5 30.2 45.4

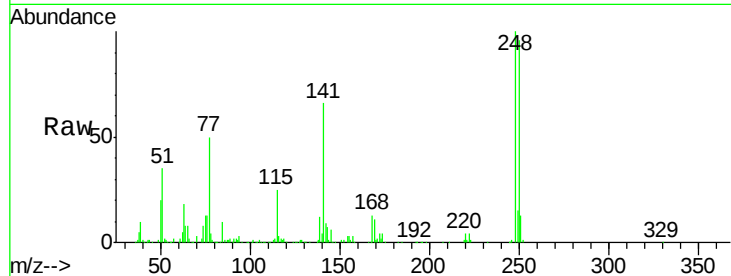




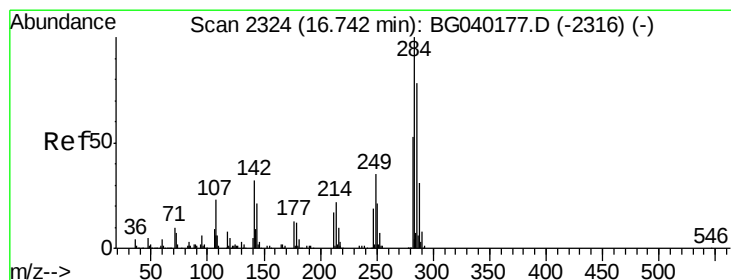
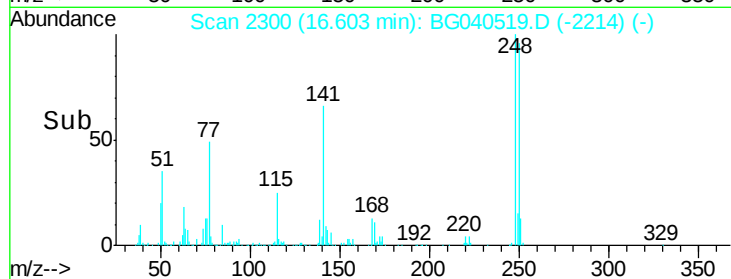
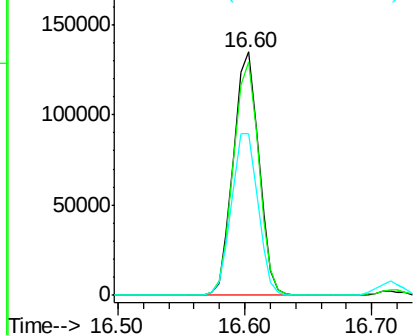
#67
 4-Bromophenyl-phenylether
 Concen: 39.746 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

Tgt Ion:248 Resp: 186965
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.4 114.6
 141 66.4 53.8 80.8

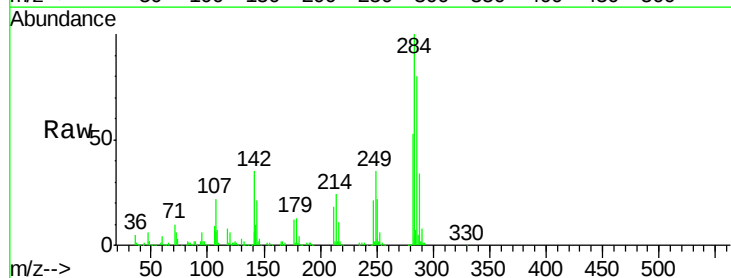


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

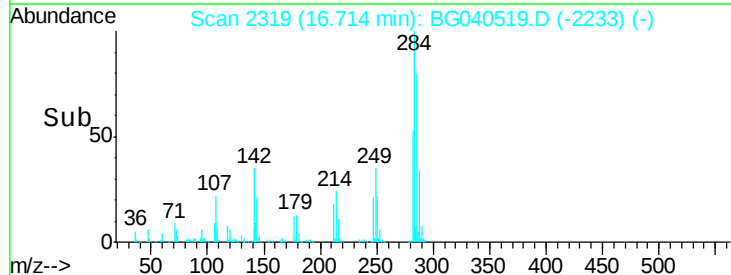
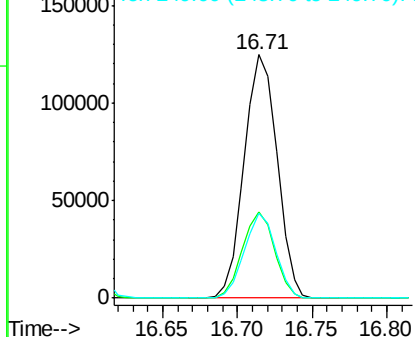


#68
 Hexachlorobenzene
 Concen: 40.261 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:284 Resp: 190420
 Ion Ratio Lower Upper
 284 100
 142 35.3 25.3 37.9
 249 35.1 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: 40.184 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

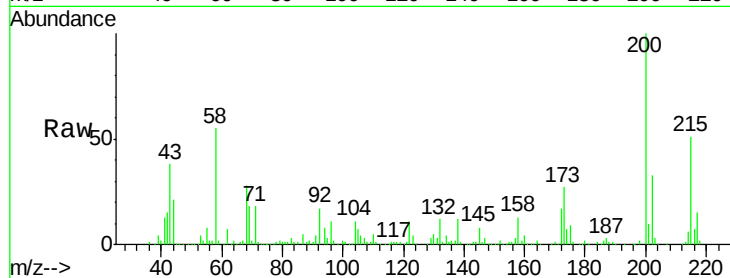
Tgt Ion:200 Resp: 182845

Ion Ratio Lower Upper

200 100

173 27.4 7.1 47.1

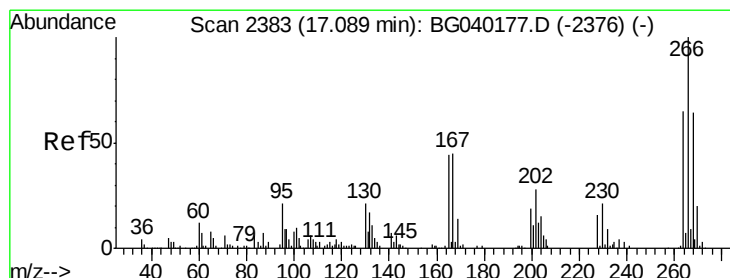
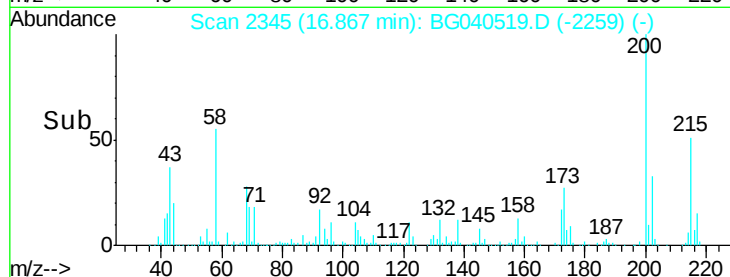
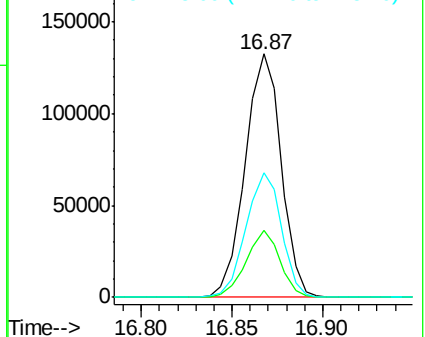
215 51.3 30.9 70.9



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: 62.613 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

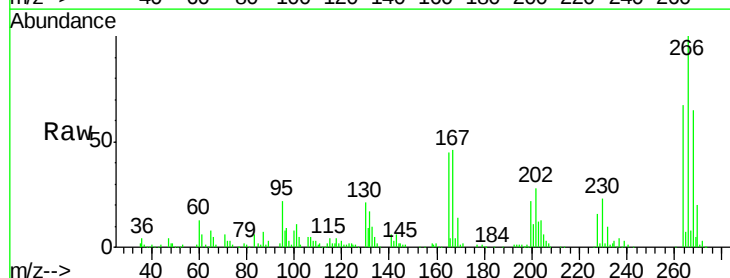
Tgt Ion:266 Resp: 171207

Ion Ratio Lower Upper

266 100

268 64.9 55.0 82.4

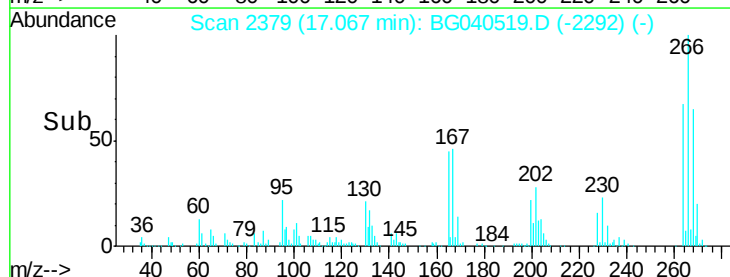
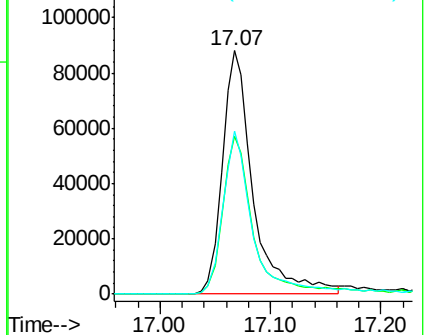
264 67.1 51.8 77.8

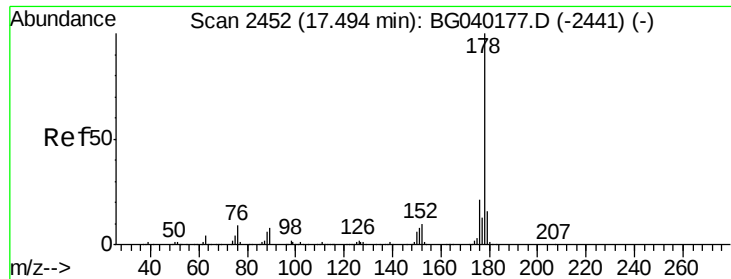


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.354 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

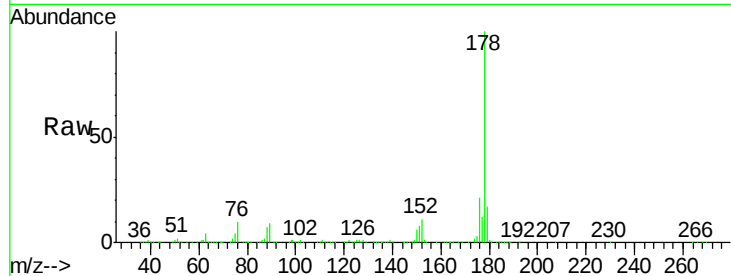
Tgt Ion:178 Resp: 886605

Ion Ratio Lower Upper

178 100

176 21.1 16.7 25.1

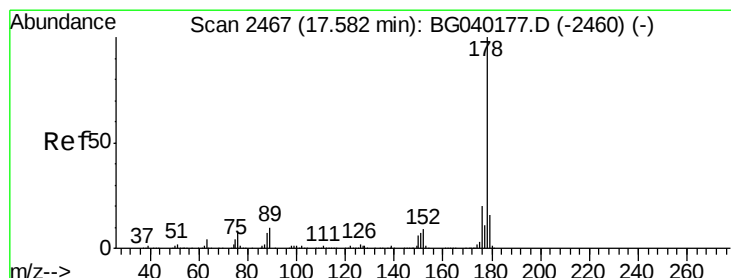
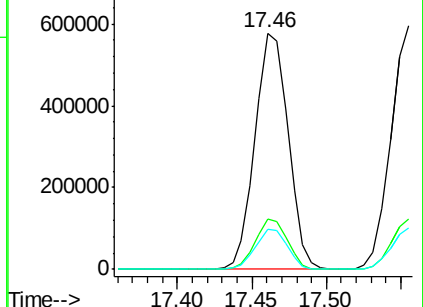
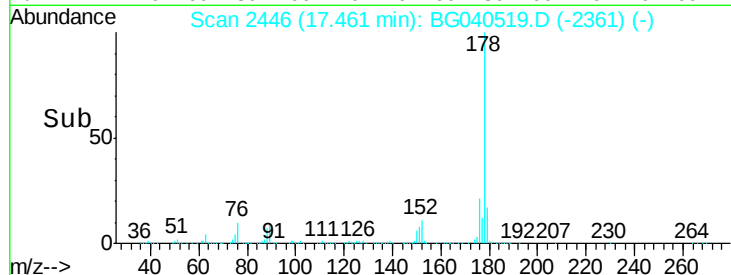
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.513 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

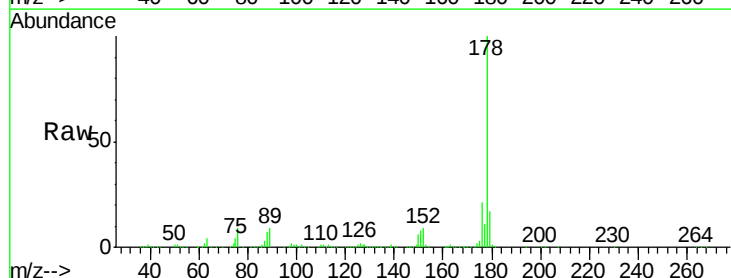
Tgt Ion:178 Resp: 912923

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

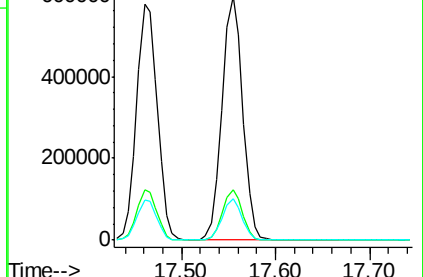
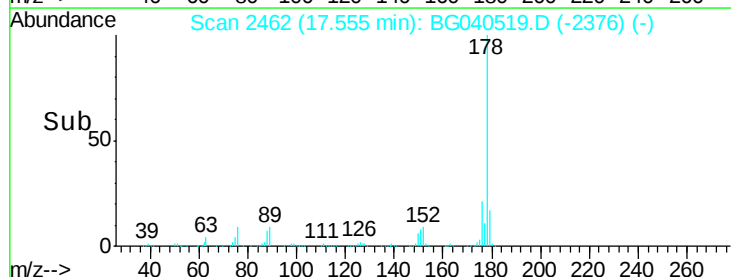
179 16.8 12.9 19.3

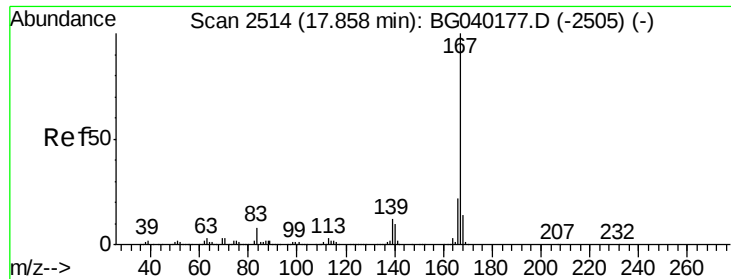


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

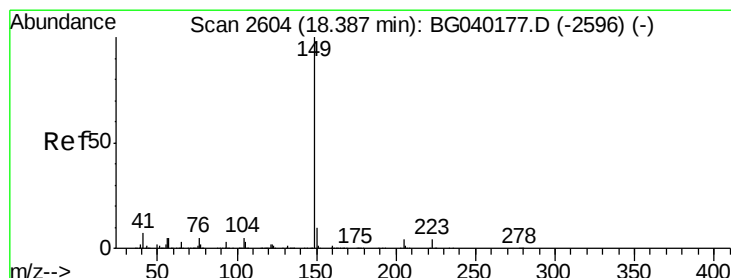
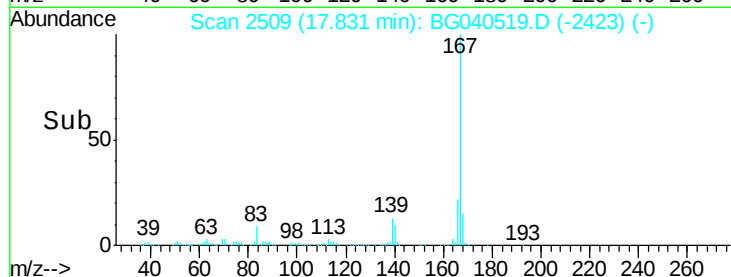
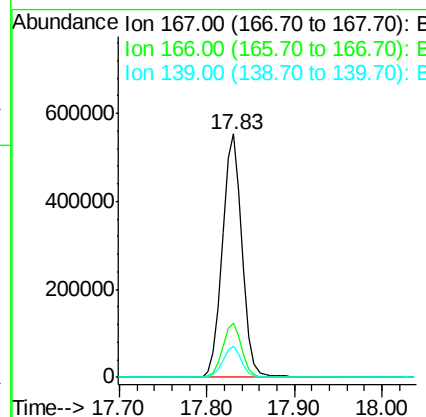
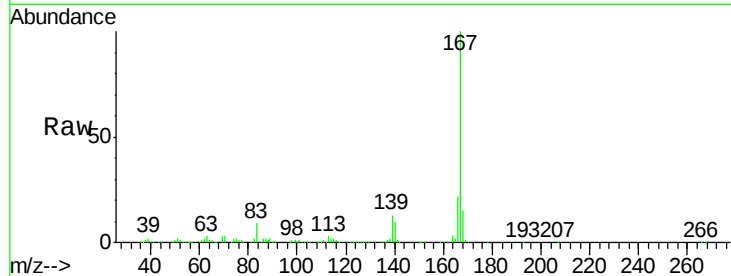




#73
 Carbazole
 Concen: 41.339 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

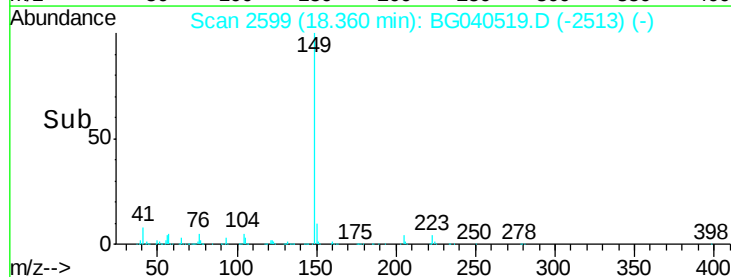
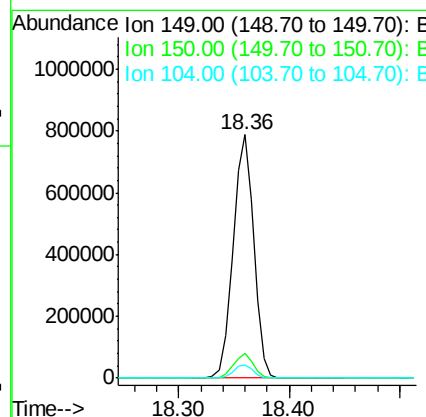
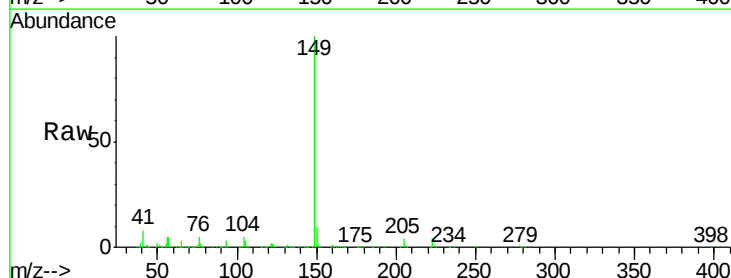
Instrument :
 BNA_G
 ClientSampleId :
 PB118938BS

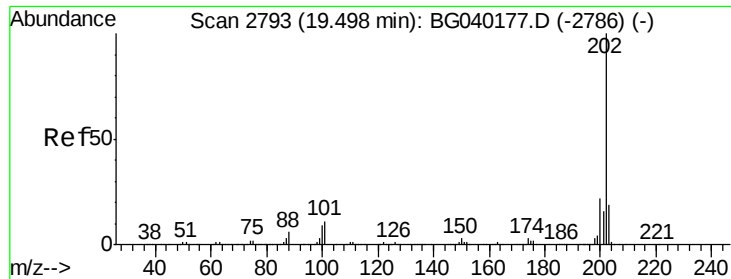
Tgt Ion:167 Resp: 860348
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 12.9 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.835 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.03 min
 Lab File: BG040519.D
 Acq: 17 Apr 2019 2:14

Tgt Ion:149 Resp: 1032049
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.9 11.9
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 41.829 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

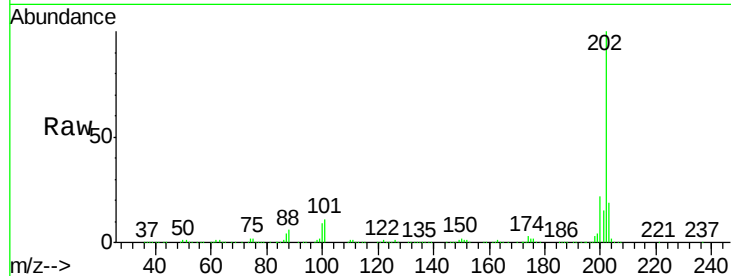
Tgt Ion:202 Resp: 1088240

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

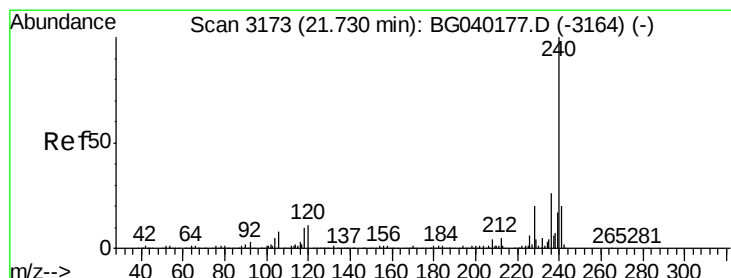
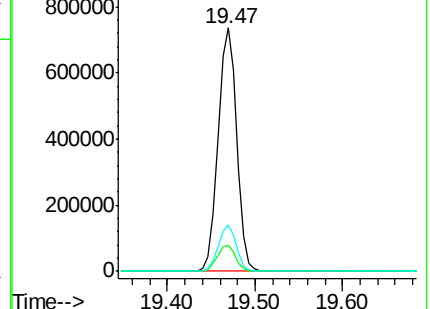
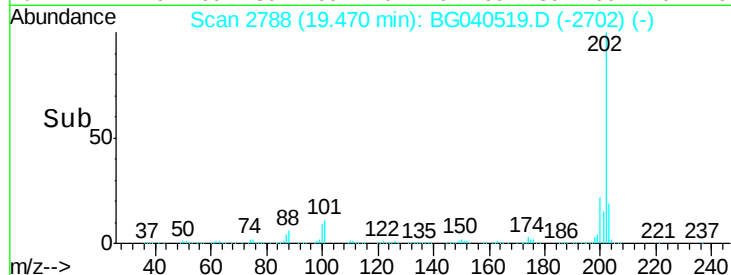
203 19.2 0.0 38.9



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: BG040519.D

Acq: 17 Apr 2019 2:14

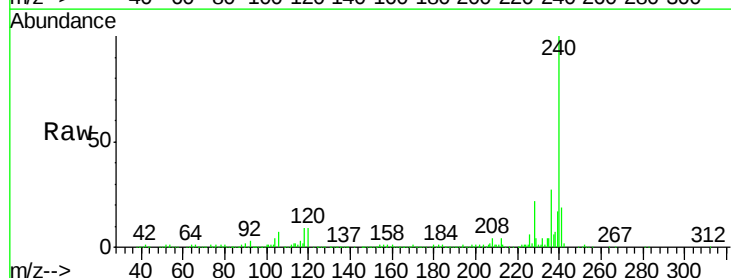
Tgt Ion:240 Resp: 405103

Ion Ratio Lower Upper

240 100

120 9.4 8.4 12.6

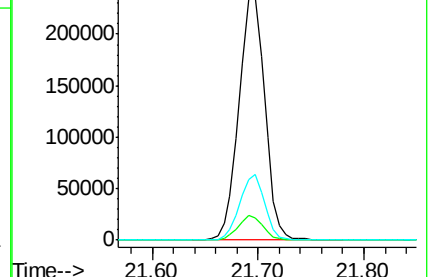
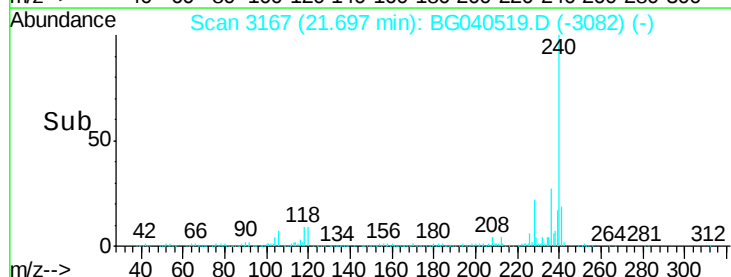
236 26.9 20.8 31.2

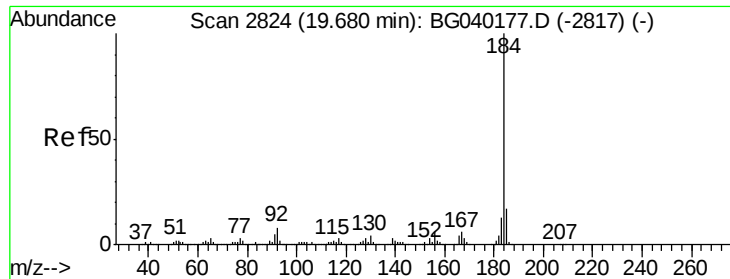


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.429 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

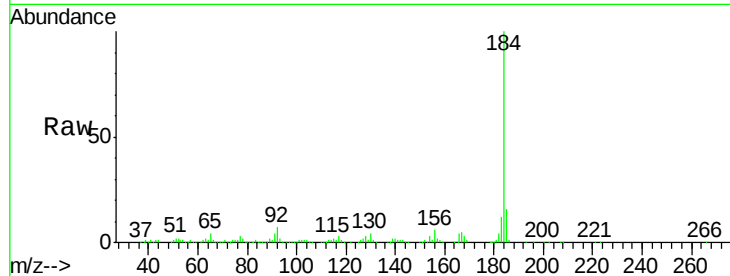
Tgt Ion:184 Resp: 357359

Ion Ratio Lower Upper

184 100

185 15.5 13.3 19.9

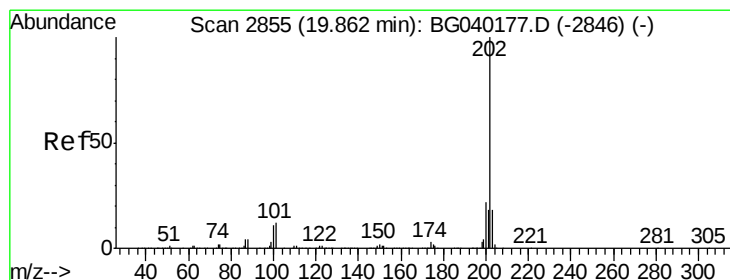
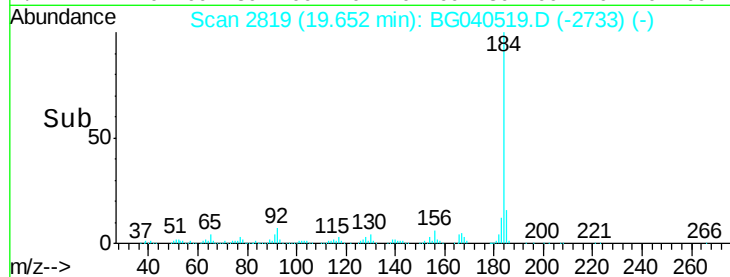
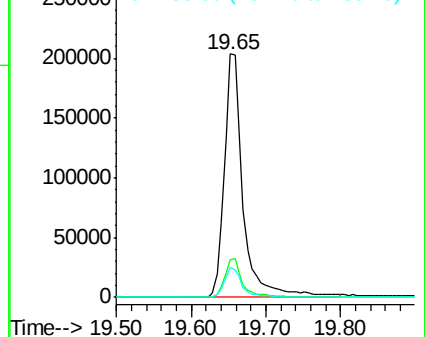
183 12.0 10.3 15.5



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: 39.664 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

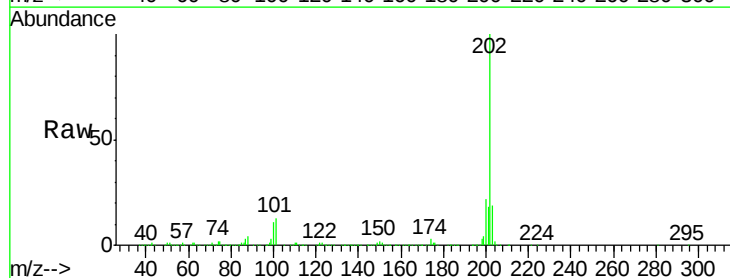
Tgt Ion:202 Resp: 1056648

Ion Ratio Lower Upper

202 100

200 21.9 17.3 25.9

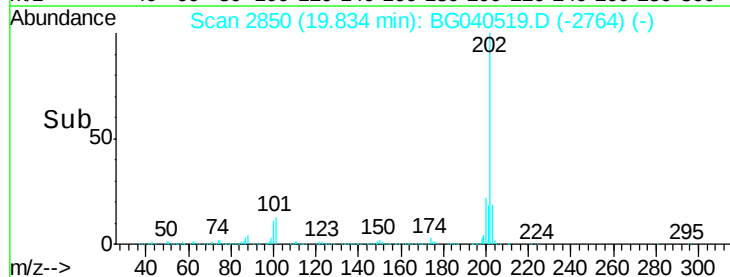
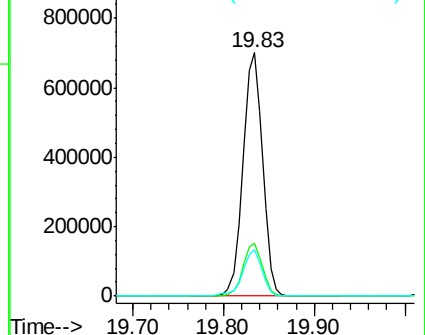
203 18.9 14.6 22.0



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: 83.925 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

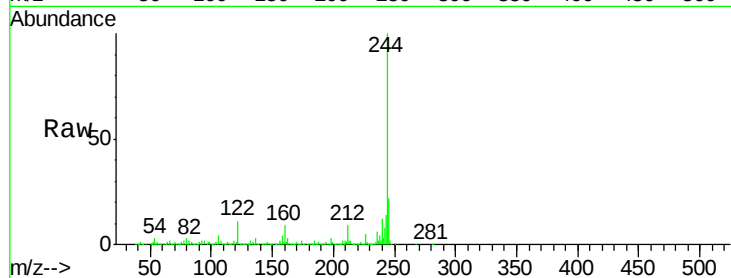
Tgt Ion:244 Resp: 1511271

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

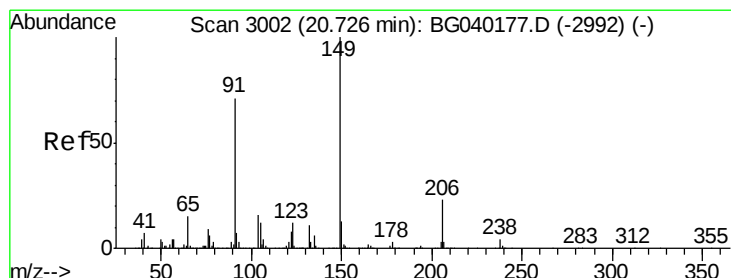
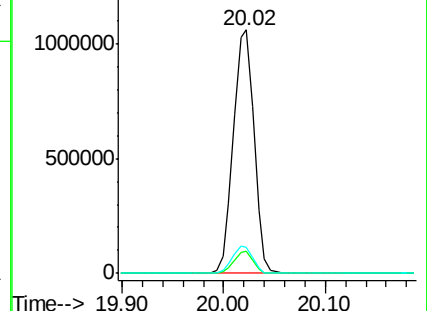
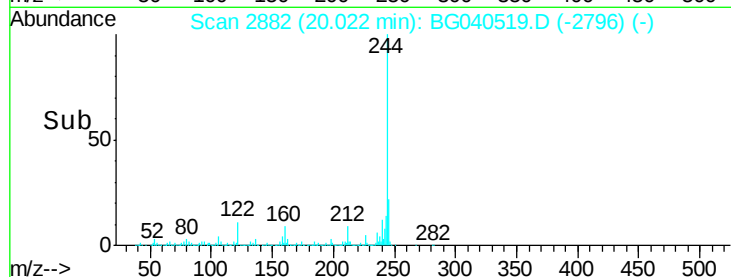
122 10.7 8.5 12.7



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: 41.706 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

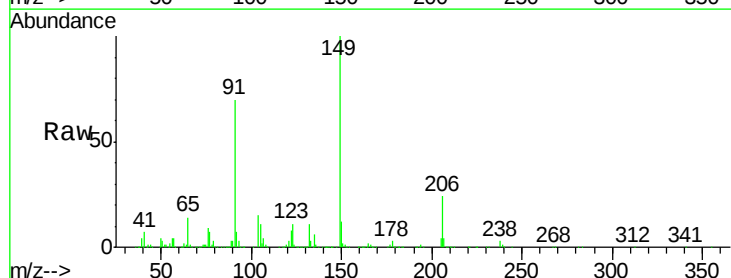
Tgt Ion:149 Resp: 475434

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

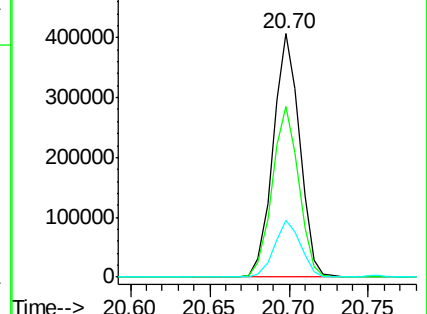
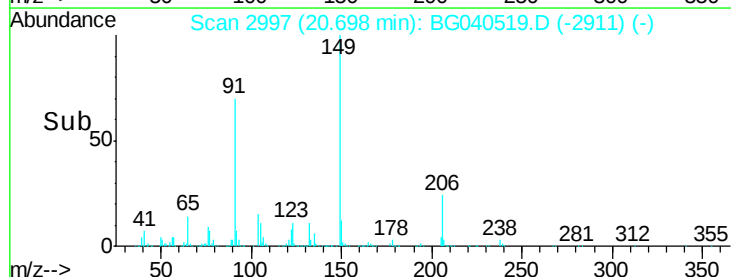
206 23.6 18.2 27.4

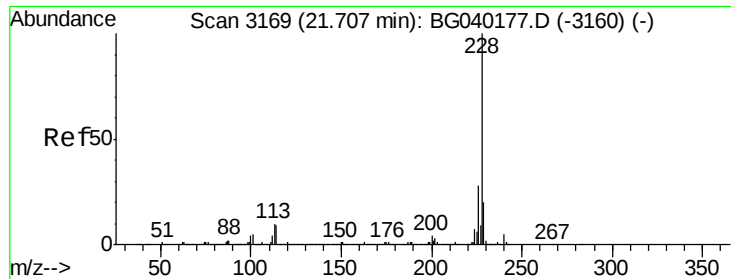


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.702 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

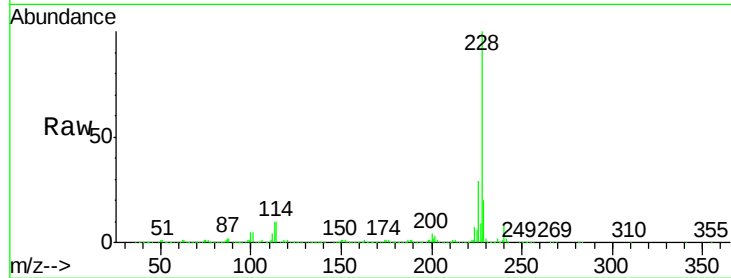
Tgt Ion:228 Resp: 965693

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

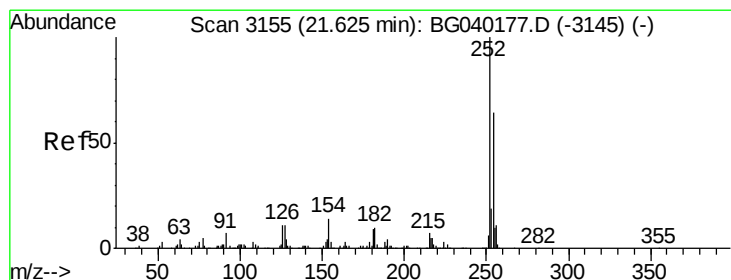
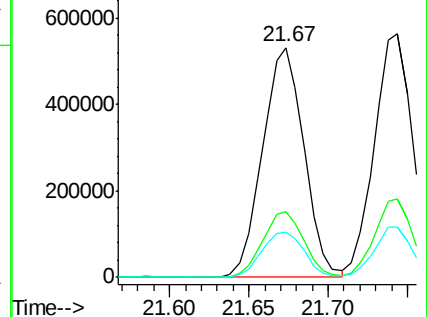
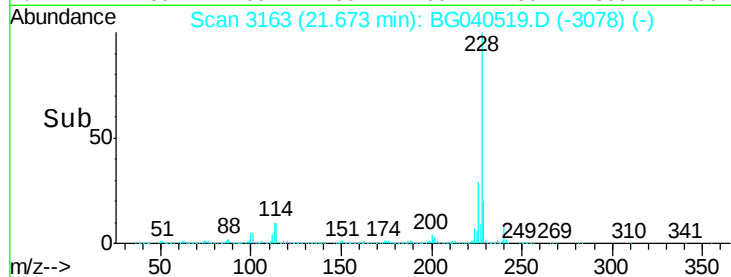
229 19.9 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.963 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

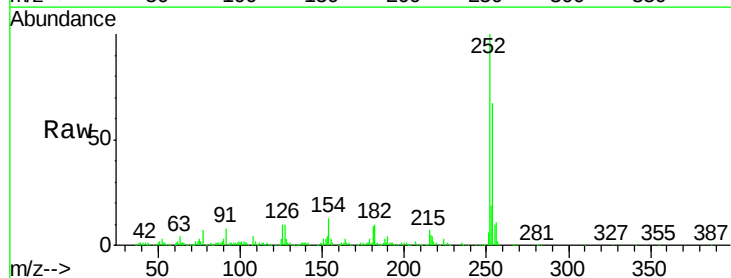
Tgt Ion:252 Resp: 284408

Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.2

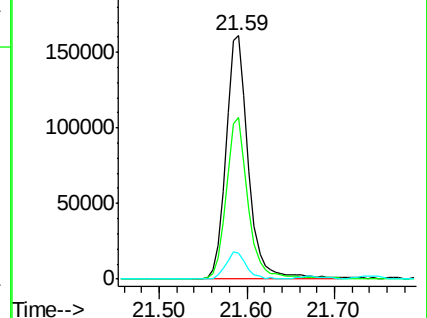
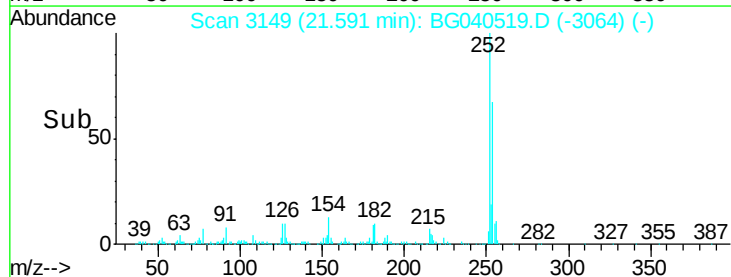
126 10.5 8.5 12.7

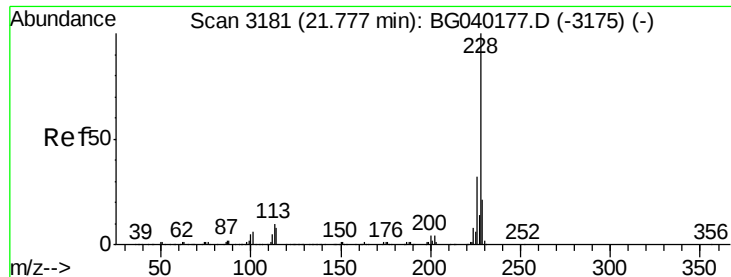


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.319 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

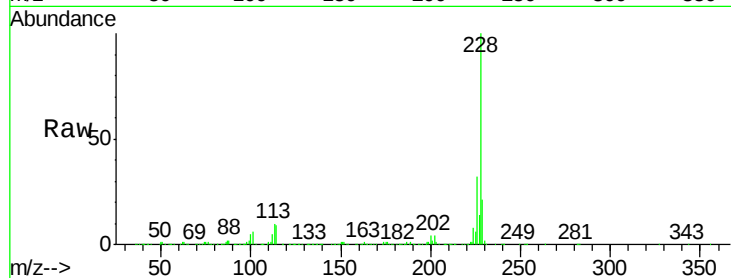
Tgt Ion:228 Resp: 942893

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

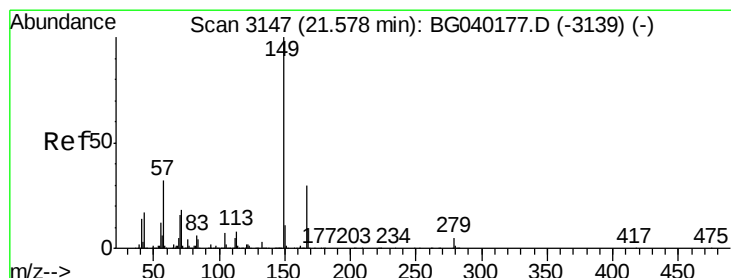
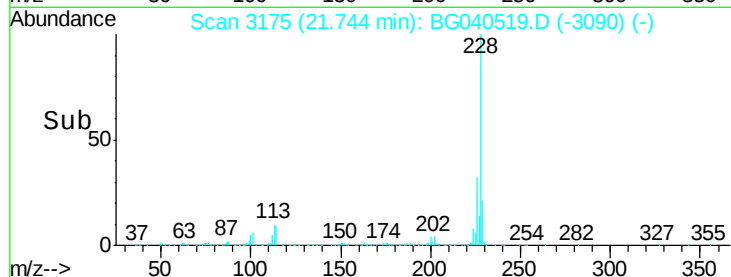
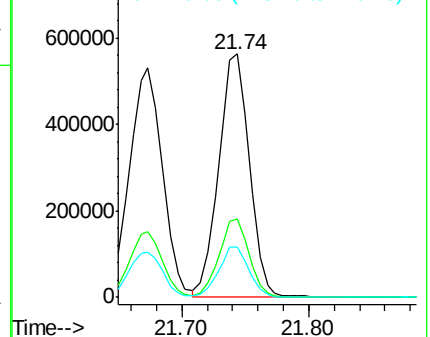
229 20.9 17.0 25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.953 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.04 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

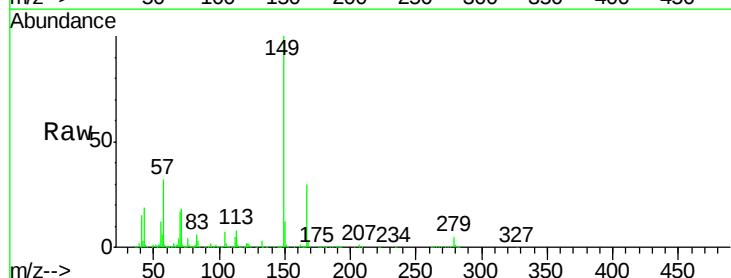
Tgt Ion:149 Resp: 683640

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

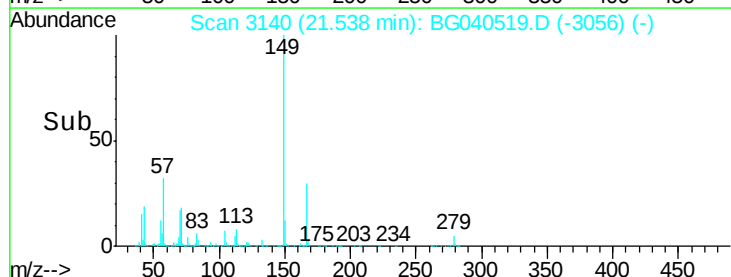
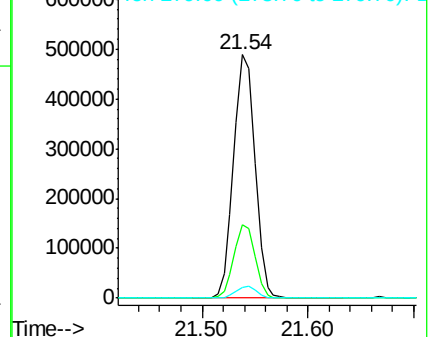
279 4.6 4.1 6.1

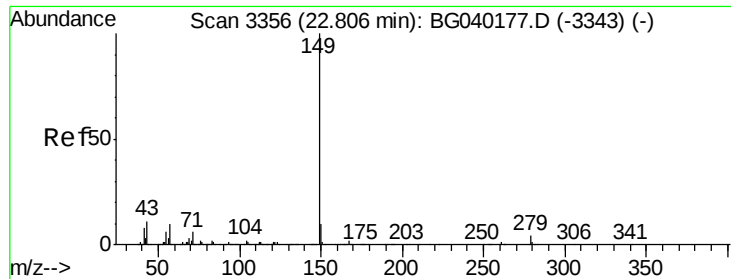


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.897 ng

RT: 22.75 min Scan# 3347

Delta R.T. -0.05 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

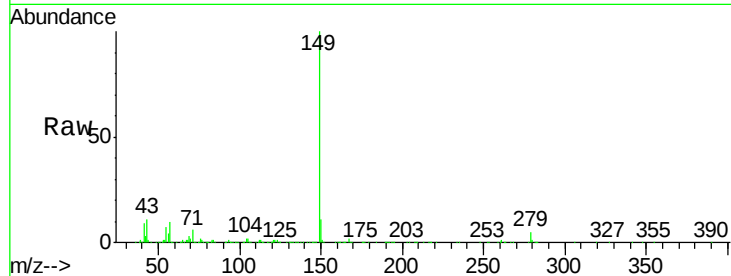
Tgt Ion:149 Resp: 1163216

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

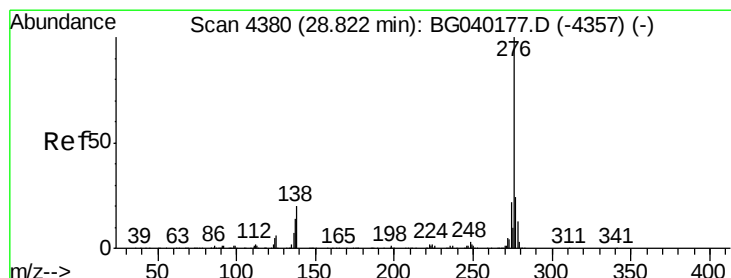
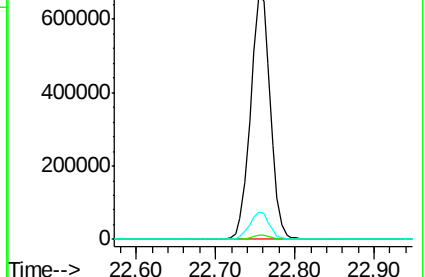
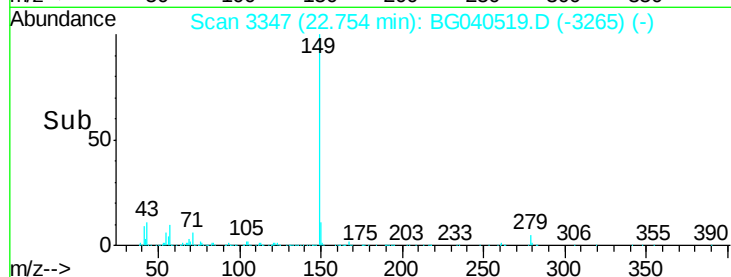
43 11.0 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.143 ng

RT: 28.74 min Scan# 4366

Delta R.T. -0.08 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

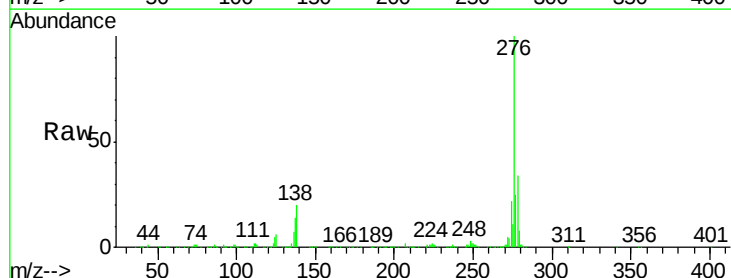
Tgt Ion:276 Resp: 1118731

Ion Ratio Lower Upper

276 100

138 22.3 18.8 28.2

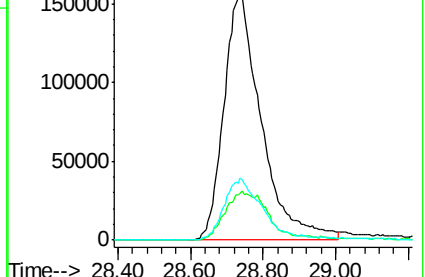
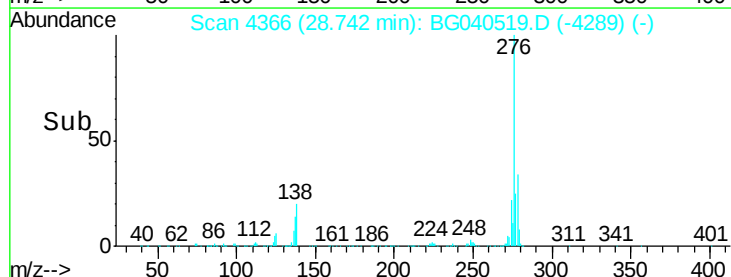
277 24.7 21.0 31.4

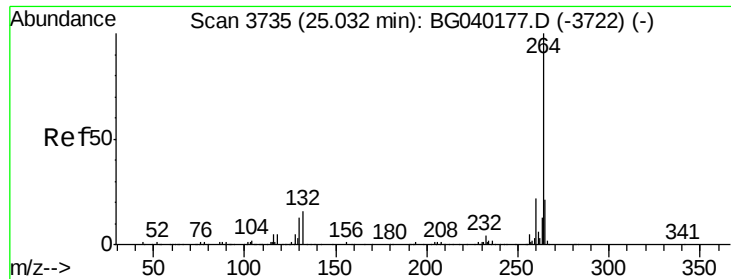


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

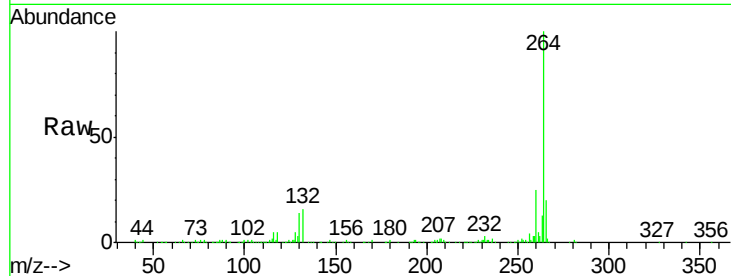
Tgt Ion:264 Resp: 384807

Ion Ratio Lower Upper

264 100

260 24.7 17.9 26.9

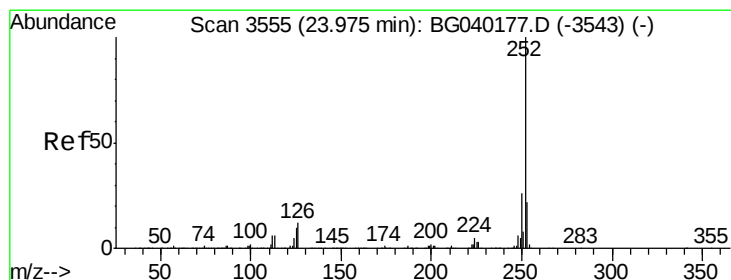
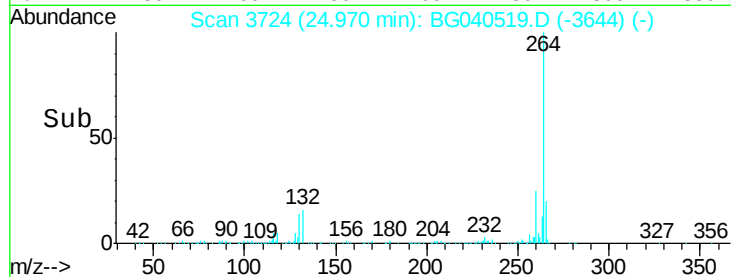
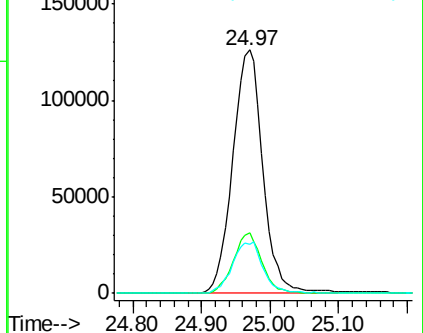
265 20.3 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.048 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.05 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

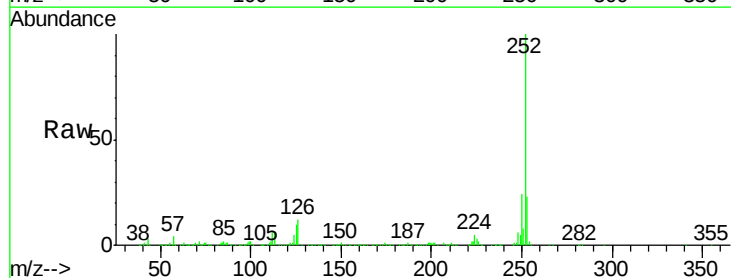
Tgt Ion:252 Resp: 1014190

Ion Ratio Lower Upper

252 100

253 23.1 17.6 26.4

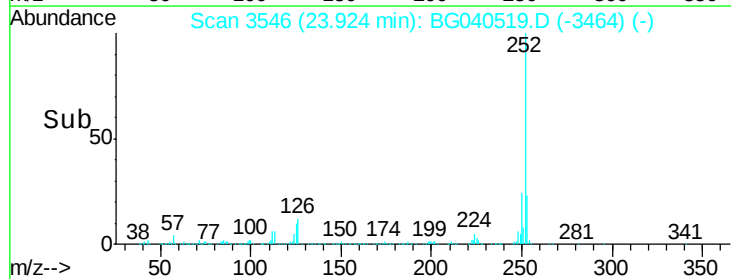
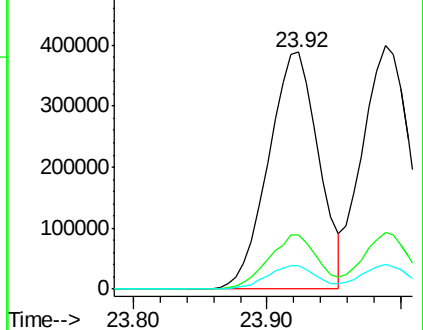
125 9.8 8.2 12.4

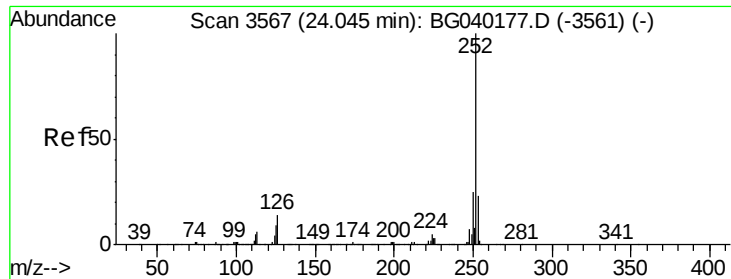


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

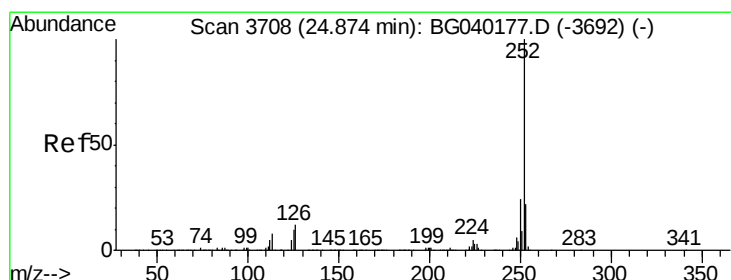
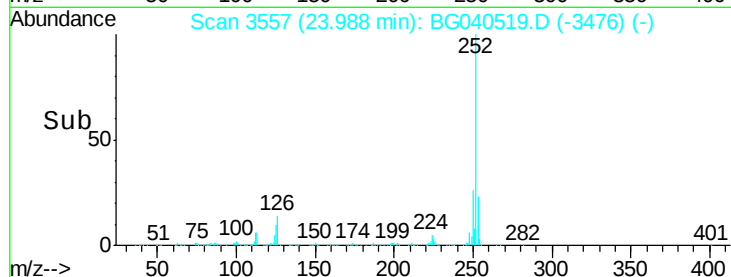
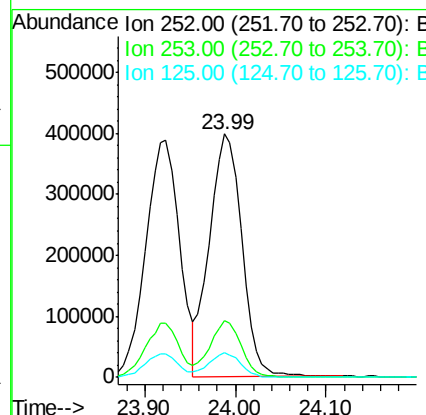
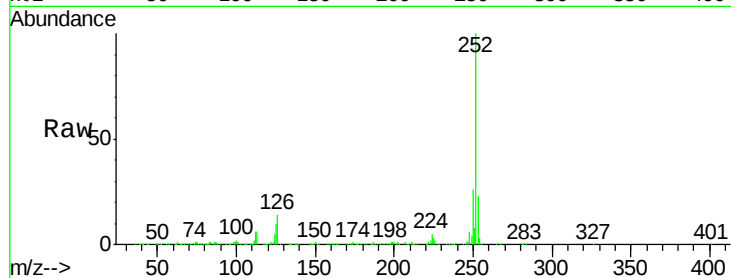




#89
Benzo(k)fluoranthene
Concen: 45.875 ng
RT: 23.99 min Scan# 3557
Delta R.T. -0.06 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

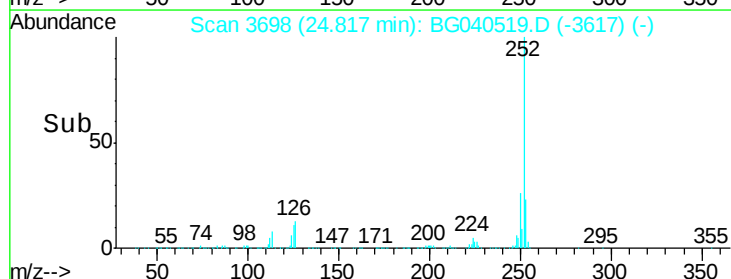
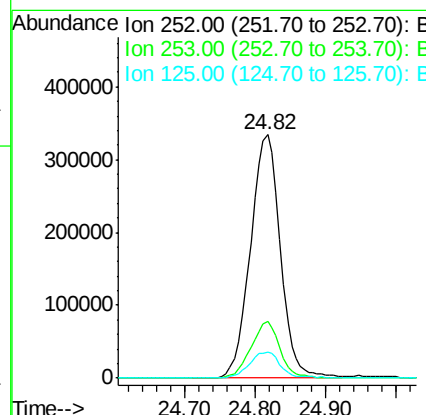
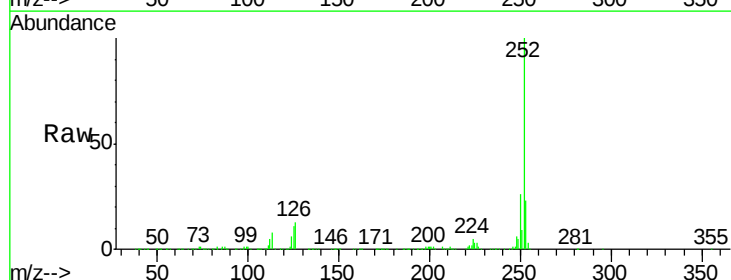
Instrument :
BNA_G
ClientSampleId :
PB118938BS

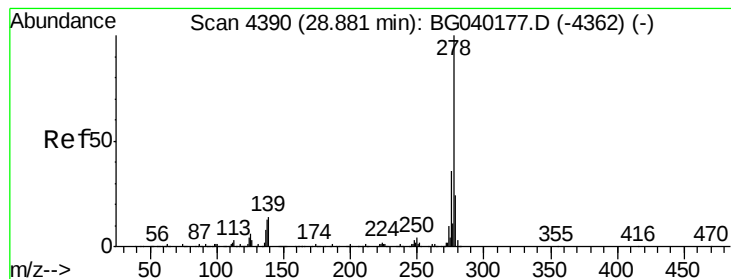
Tgt Ion:252 Resp: 993897
Ion Ratio Lower Upper
252 100
253 23.1 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 44.766 ng
RT: 24.82 min Scan# 3698
Delta R.T. -0.06 min
Lab File: BG040519.D
Acq: 17 Apr 2019 2:14

Tgt Ion:252 Resp: 989545
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 10.7 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.261 ng

RT: 28.79 min Scan# 4375

Delta R.T. -0.09 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

Instrument :

BNA_G

ClientSampleId :

PB118938BS

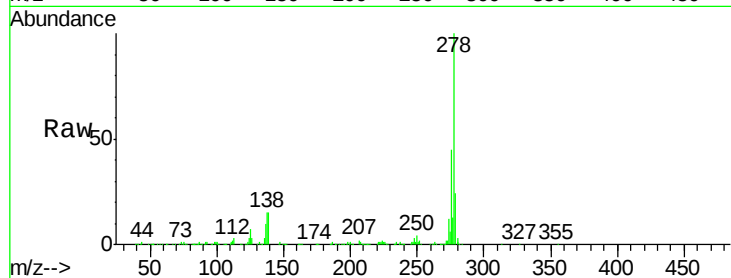
Tgt Ion:278 Resp: 908685

Ion Ratio Lower Upper

278 100

139 14.6 11.2 16.8

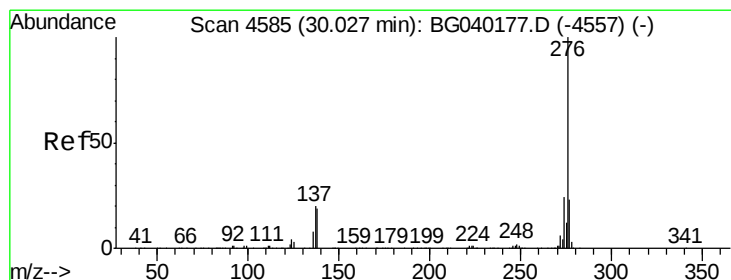
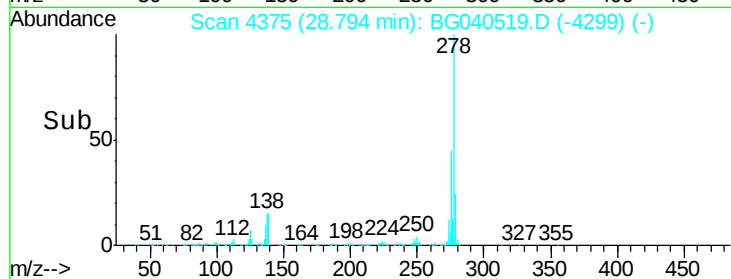
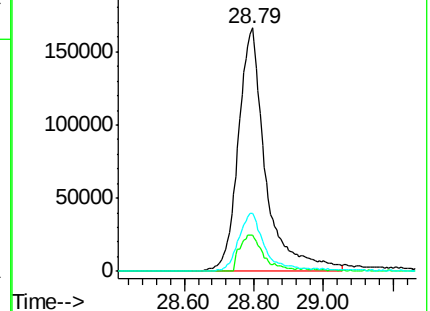
279 23.7 18.9 28.3



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: 42.836 ng

RT: 29.91 min Scan# 4565

Delta R.T. -0.12 min

Lab File: BG040519.D

Acq: 17 Apr 2019 2:14

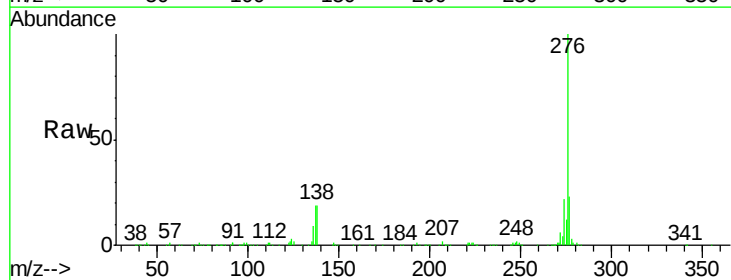
Tgt Ion:276 Resp: 903788

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 19.3 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

