

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
 Data File : BG040478.D
 Acq On : 15 Apr 2019 13:38
 Operator : JU/SJ
 Sample : PB118717BSD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Quant Time: Apr 15 14:21:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53478	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	222389	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	144208	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	390786	20.00	ng	0.00
76) Chrysene-d12	21.70	240	434244	20.00	ng	0.00
87) Perylene-d12	24.99	264	444128	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	281773	87.59	ng	0.00
7) Phenol-d6	7.21	99	389659	87.65	ng	0.00
23) Nitrobenzene-d5	9.22	82	346279	82.76	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	155889	100.02	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	799203	82.12	ng	0.00
79) Terphenyl-d14	20.03	244	1377780	71.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	50087	33.112	ng	# 96
3) Pyridine	3.89	79	129169	31.716	ng	97
4) n-Nitrosodimethylamine	3.82	42	67854	36.018	ng	# 92
6) Aniline	7.38	93	84110	14.562	ng	92
8) 2-Chlorophenol	7.61	128	146306	38.852	ng	95
9) Benzaldehyde	7.19	77	69866	22.910	ng	98
10) Phenol	7.23	94	193012	39.998	ng	98
11) bis(2-Chloroethyl)ether	7.46	93	137849	35.666	ng	98
12) 1,3-Dichlorobenzene	7.93	146	148574	36.295	ng	97
13) 1,4-Dichlorobenzene	8.08	146	153478	37.644	ng	97
14) 1,2-Dichlorobenzene	8.40	146	145667	37.361	ng	98
15) Benzyl Alcohol	8.29	79	128699	35.945	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	266569	35.937	ng	99
17) 2-Methylphenol	8.49	107	133999	40.130	ng	99
18) Hexachloroethane	9.13	117	53780	34.678	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	112574	35.317	ng	98
20) 3+4-Methylphenols	8.82	107	182194	40.277	ng	97
22) Acetophenone	8.87	105	220486	39.745	ng	# 96
24) Nitrobenzene	9.26	77	169897	39.214	ng	97
25) Isophorone	9.77	82	328901	38.206	ng	99
26) 2-Nitrophenol	9.97	139	80720	39.319	ng	98
27) 2,4-Dimethylphenol	10.02	122	155044	47.546	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	196212	38.525	ng	99
29) 2,4-Dichlorophenol	10.51	162	151386	42.770	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	152838	39.325	ng	98
31) Naphthalene	10.91	128	457237	40.112	ng	98
32) Benzoic acid	10.17	122	45910	23.302	ng	94
33) 4-Chloroaniline	11.04	127	69409	14.275	ng	95
34) Hexachlorobutadiene	11.17	225	90640	36.466	ng	98
35) Caprolactam	11.81	113	56511	40.232	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	178944	43.976	ng	99
37) 2-Methylnaphthalene	12.51	142	346654	41.119	ng	98
38) 1-Methylnaphthalene	12.73	142	328992	40.243	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	177368	38.698	ng	98

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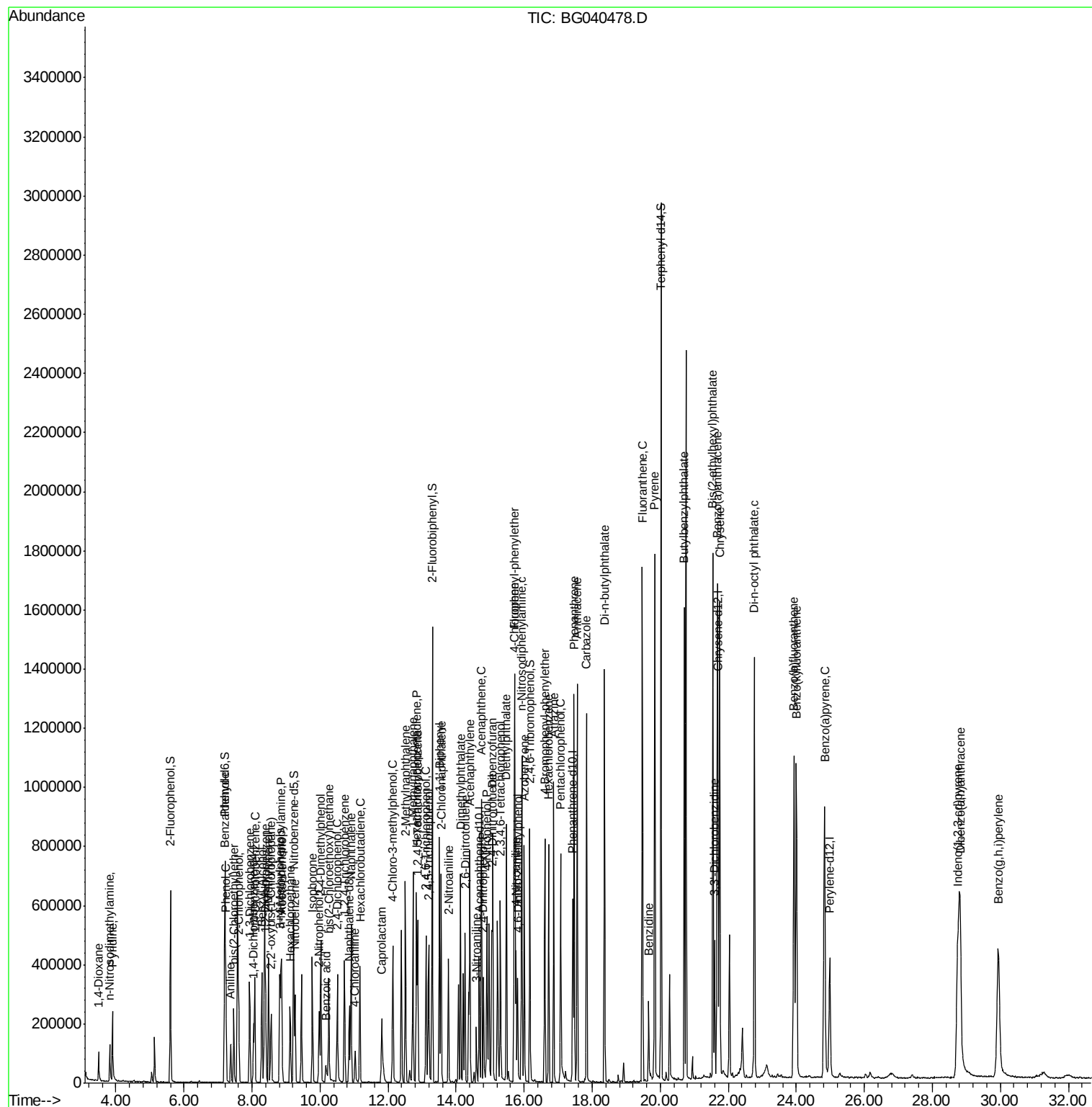
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41) Hexachlorocyclopentadiene	12.84	237	194622	77.334	ng	96
43) 2,4,6-Trichlorophenol	13.12	196	124546	42.146	ng	95
44) 2,4,5-Trichlorophenol	13.19	196	141174	43.830	ng	96
46) 1,1'-Biphenyl	13.51	154	448927	39.399	ng	98
47) 2-Chloronaphthalene	13.56	162	346763	39.675	ng	97
48) 2-Nitroaniline	13.77	65	126891	43.041	ng	98
49) Acenaphthylene	14.40	152	595122	40.160	ng	98
50) Dimethylphthalate	14.13	163	467241	41.399	ng	99
51) 2,6-Dinitrotoluene	14.26	165	109478	43.201	ng	97
52) Acenaphthene	14.74	154	344387	40.557	ng	98
53) 3-Nitroaniline	14.60	138	49872	18.592	ng	89
54) 2,4-Dinitrophenol	14.80	184	94362	70.015	ng	94
55) Dibenzofuran	15.08	168	574021	42.070	ng	99
56) 4-Nitrophenol	14.90	139	182589	84.336	ng	98
57) 2,4-Dinitrotoluene	15.05	165	162716	46.210	ng	# 98
58) Fluorene	15.73	166	457790	42.675	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	136809	46.806	ng	98
60) Diethylphthalate	15.48	149	504008	43.640	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	244074	42.565	ng	95
62) 4-Nitroaniline	15.76	138	128717	44.712	ng	98
63) Azobenzene	16.00	77	467768	42.939	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	84469	38.474	ng	98
66) n-Nitrosodiphenylamine	15.93	169	445568	38.964	ng	97
67) 4-Bromophenyl-phenylether	16.61	248	163936	37.278	ng	98
68) Hexachlorobenzene	16.72	284	167823	37.955	ng	96
69) Atrazine	16.87	200	176706	41.540	ng	97
70) Pentachlorophenol	17.07	266	177645	69.491	ng	95
71) Phenanthrene	17.47	178	838041	40.800	ng	98
72) Anthracene	17.56	178	849637	41.326	ng	99
73) Carbazole	17.83	167	841594	43.254	ng	100
74) Di-n-butylphthalate	18.36	149	1006768	43.652	ng	99
75) Fluoranthene	19.47	202	1085636	44.635	ng	99
77) Benzidine	19.66	184	189954	12.114	ng	96
78) Pyrene	19.84	202	1098219	38.458	ng	98
80) Butylbenzylphthalate	20.71	149	490491	40.140	ng	96
81) Benzo(a)anthracene	21.68	228	1014875	37.943	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	177793	17.474	ng	100
83) Chrysene	21.75	228	1001405	38.957	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	705023	40.362	ng	100
85) Di-n-octyl phthalate	22.77	149	1200498	40.338	ng	100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1211755	38.542	ng	# 86
88) Benzo(b)fluoranthene	23.93	252	1103480	40.582	ng	98
89) Benzo(k)fluoranthene	24.00	252	1048417	41.928	ng	98
90) Benzo(a)pyrene	24.83	252	1075090	42.140	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1000795	42.237	ng	99
92) Benzo(g,h,i)perylene	29.94	276	1003923	41.227	ng	99

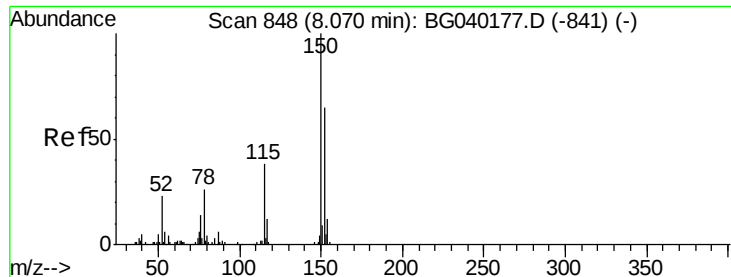
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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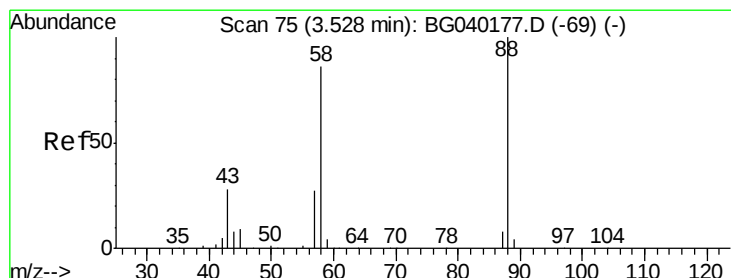
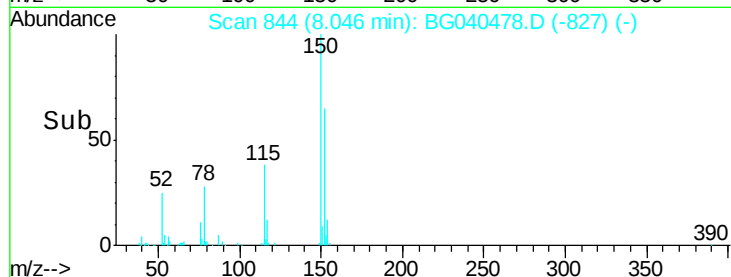
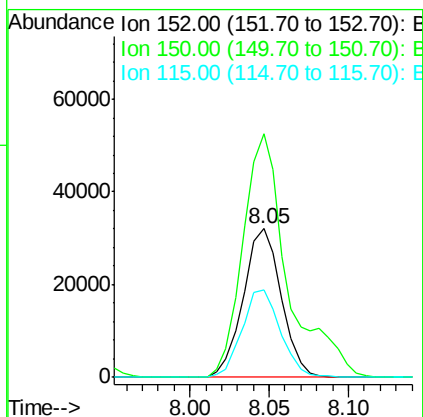
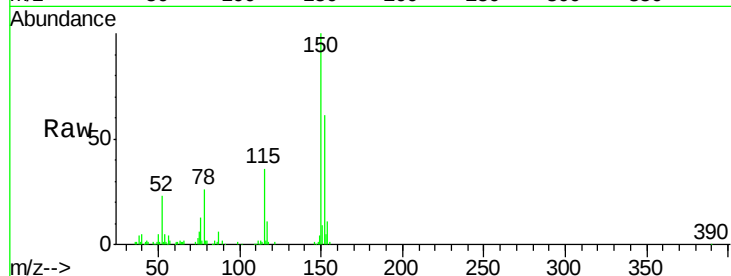


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Instrument :
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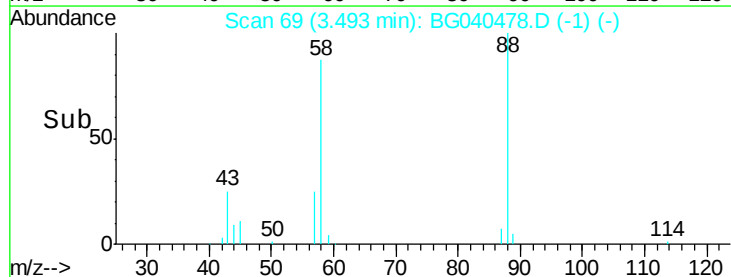
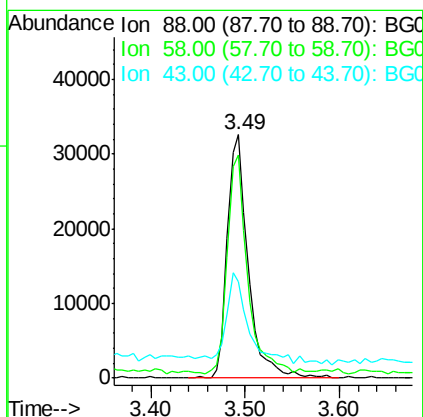
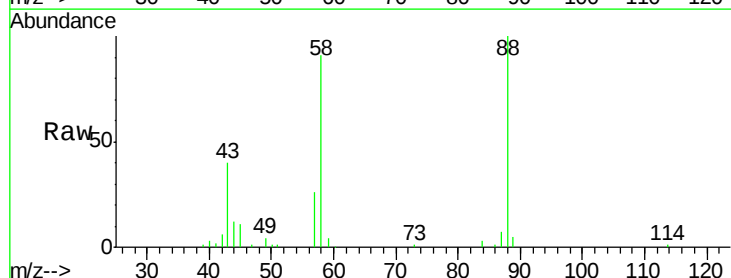
Tgt Ion:152 Resp: 53478
 Ion Ratio Lower Upper
 152 100
 150 164.2 123.7 185.5
 115 58.6 46.9 70.3

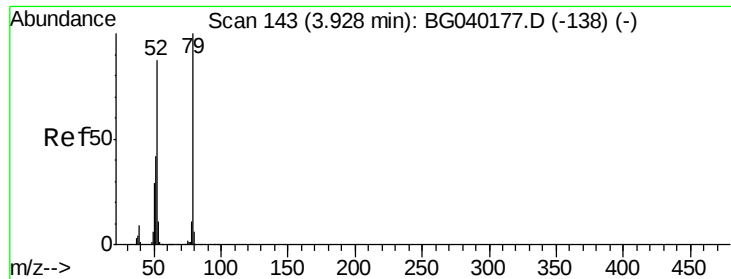


#2

1,4-Dioxane
 Concen: 33.112 ng
 RT: 3.49 min Scan# 69
 Delta R.T. -0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 88 Resp: 50087
 Ion Ratio Lower Upper
 88 100
 58 89.0 70.6 106.0
 43 39.1 24.8 37.2#





#3

Pyridine

Concen: 31.716 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

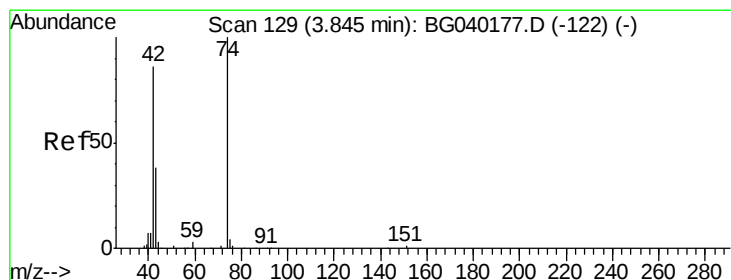
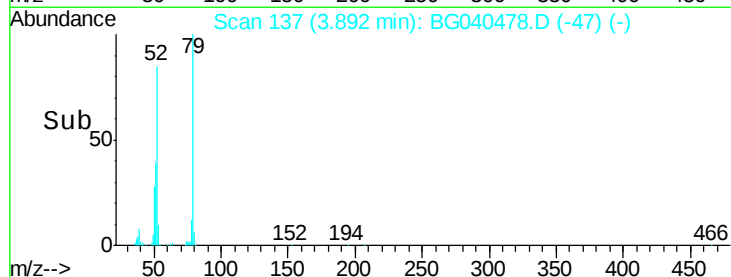
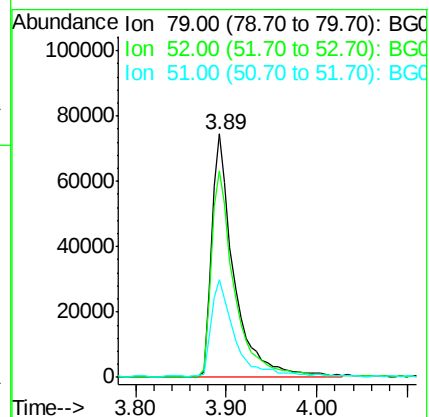
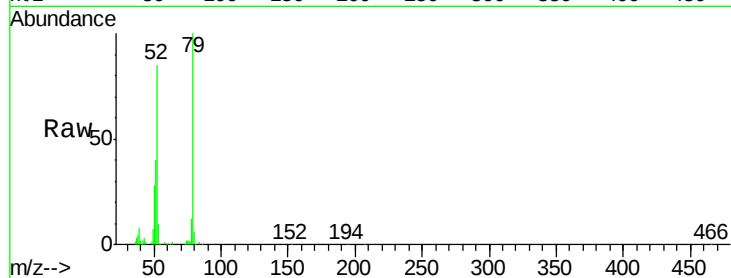
Tgt Ion: 79 Resp: 129169

Ion Ratio Lower Upper

79 100

52 84.6 69.8 104.8

51 40.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 36.018 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

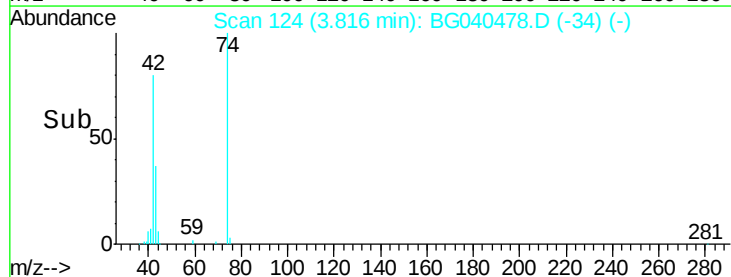
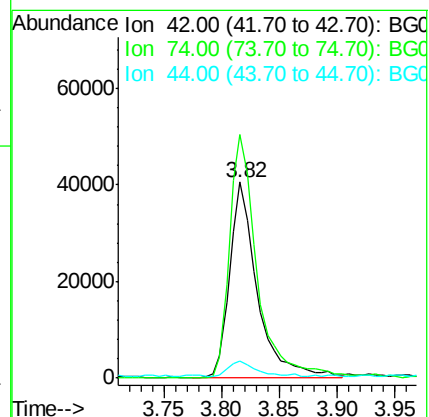
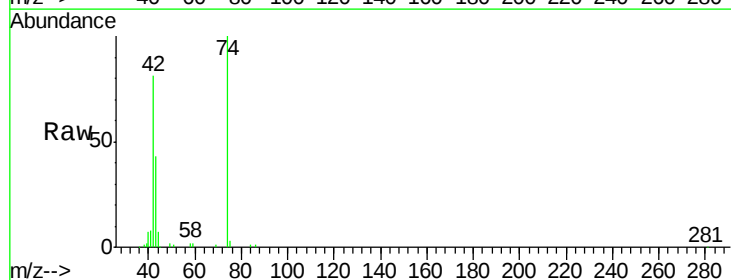
Tgt Ion: 42 Resp: 67854

Ion Ratio Lower Upper

42 100

74 124.2 92.9 139.3

44 8.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 87.592 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

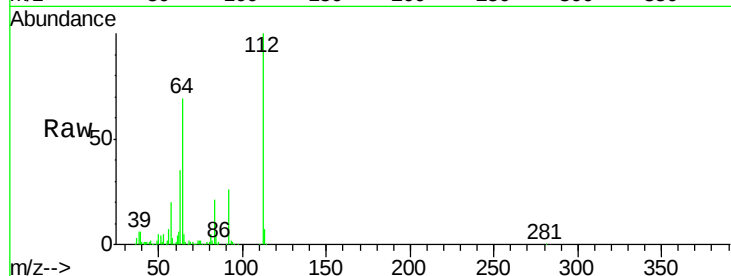
Tgt Ion: 112 Resp: 281773

Ion Ratio Lower Upper

112 100

64 68.5 54.2 81.2

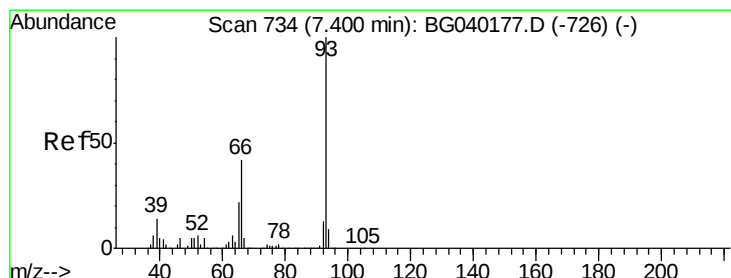
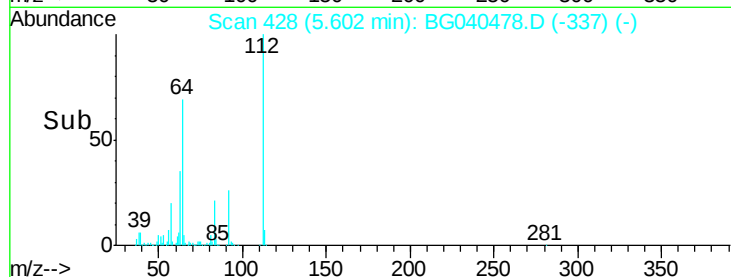
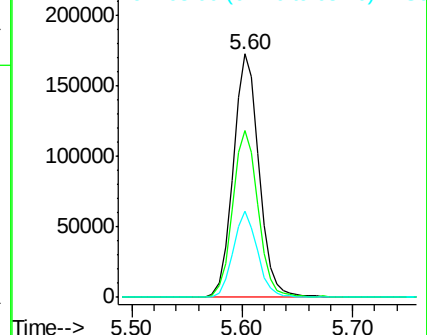
63 35.4 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.562 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG040478.D

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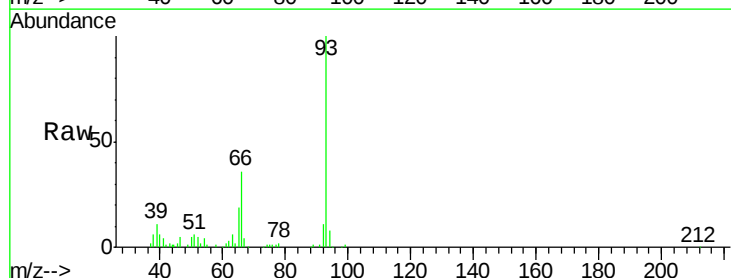
Tgt Ion: 93 Resp: 84110

Ion Ratio Lower Upper

93 100

66 35.9 33.6 50.4

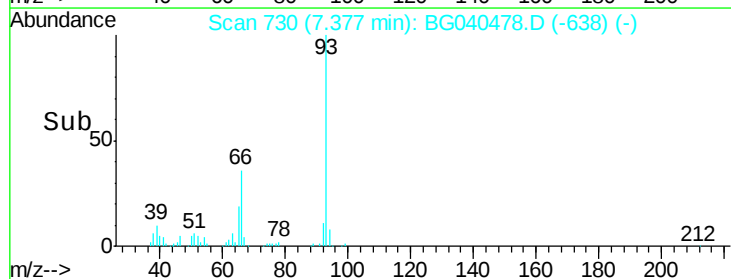
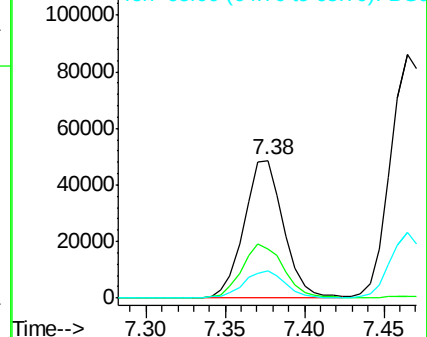
65 19.4 17.4 26.2

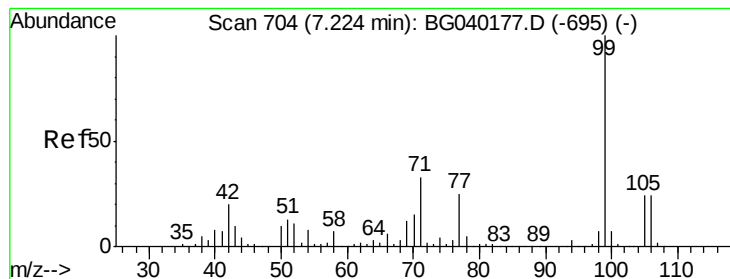


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.647 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

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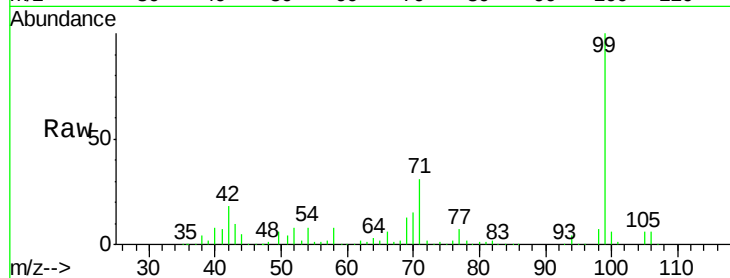
Tgt Ion: 99 Resp: 389659

Ion Ratio Lower Upper

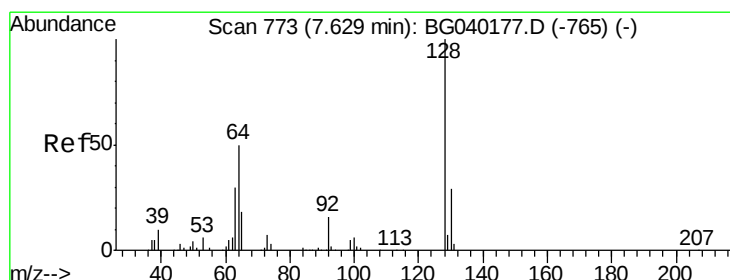
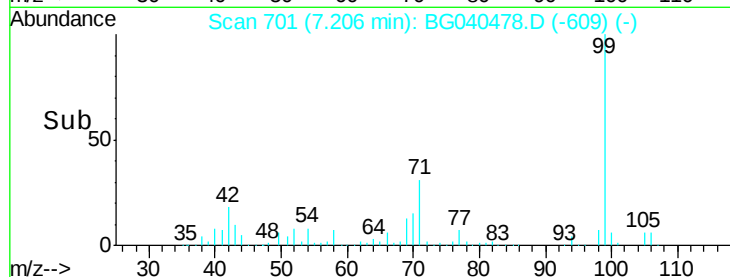
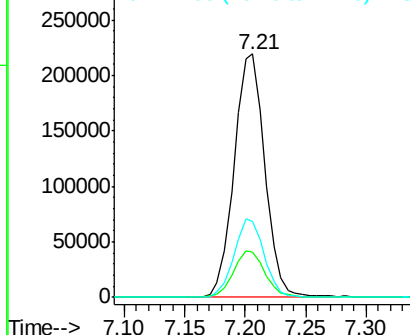
99 100

42 18.5 16.2 24.2

71 31.2 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: 38.852 ng

RT: 7.61 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

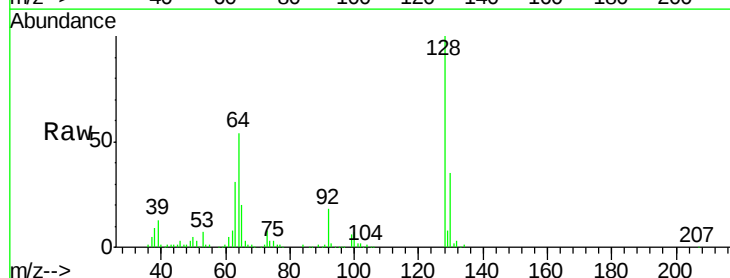
Tgt Ion: 128 Resp: 146306

Ion Ratio Lower Upper

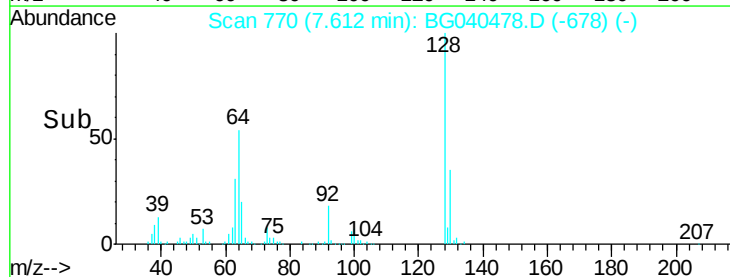
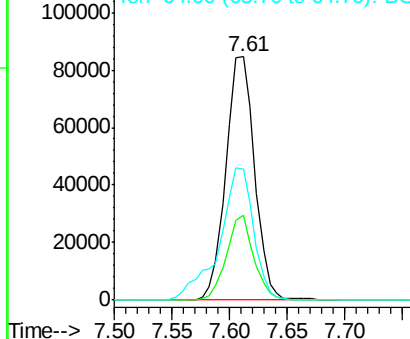
128 100

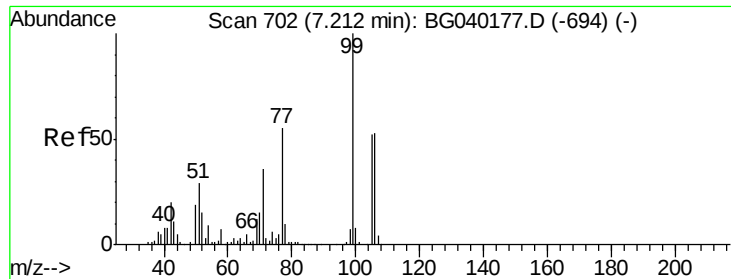
130 34.7 9.1 49.1

64 54.0 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: 22.910 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

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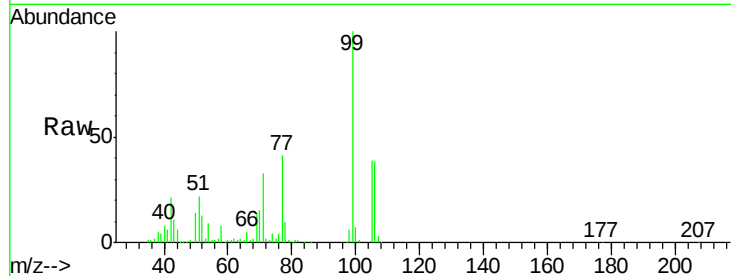
Tgt Ion: 77 Resp: 69866

Ion Ratio Lower Upper

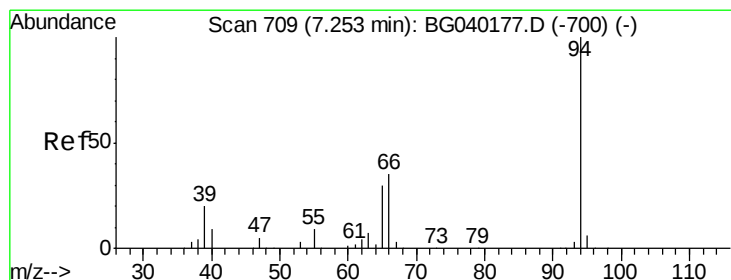
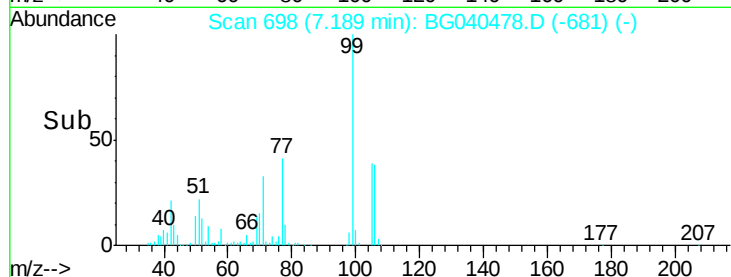
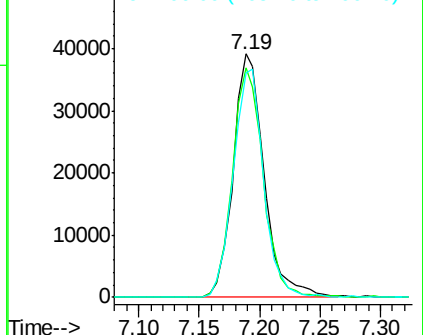
77 100

105 94.2 75.0 115.0

106 92.2 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: 39.998 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

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Acq: 15 Apr 2019 13:38

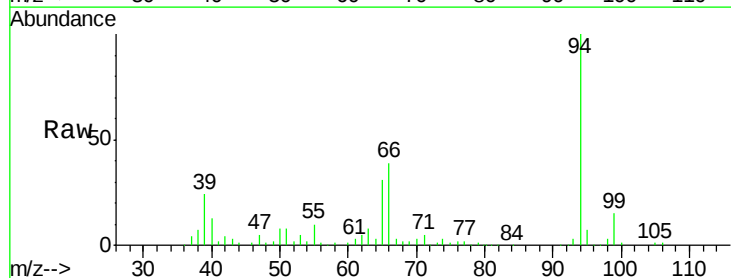
Tgt Ion: 94 Resp: 193012

Ion Ratio Lower Upper

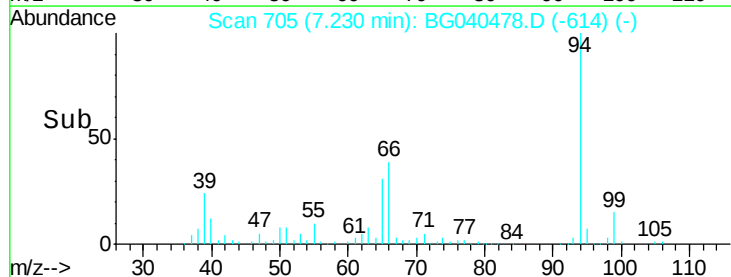
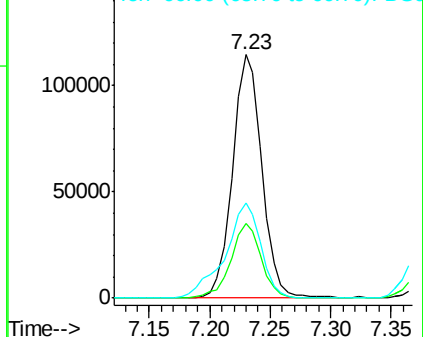
94 100

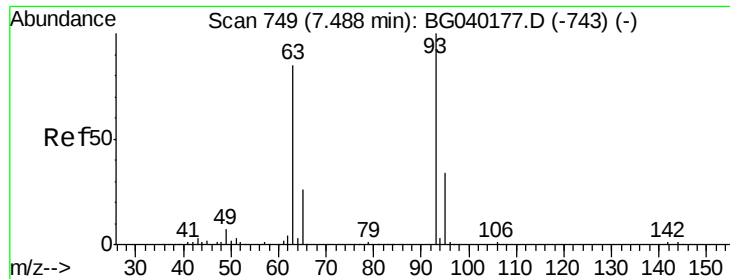
65 30.7 10.5 50.5

66 39.2 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

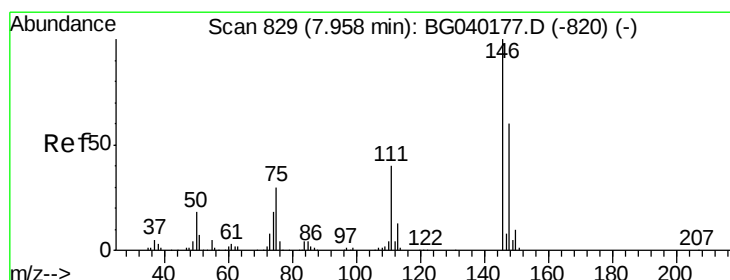
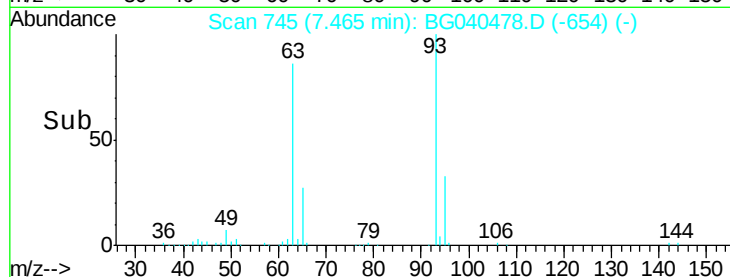
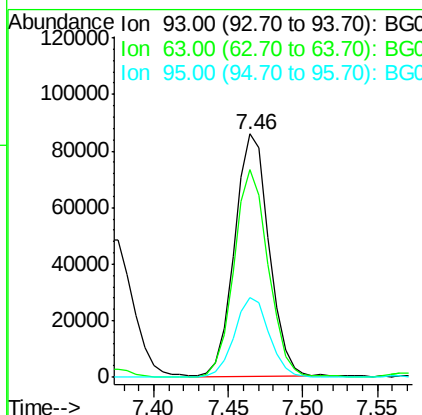
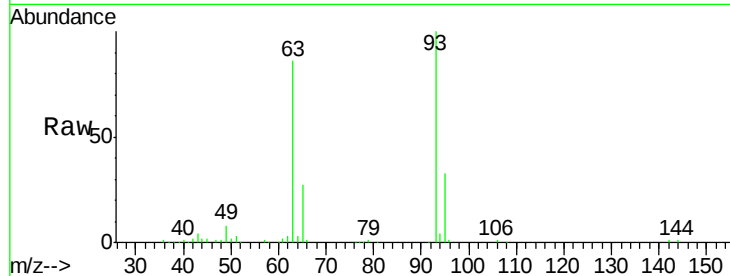




#11
 bis(2-Chloroethyl)ether
 Concen: 35.666 ng
 RT: 7.46 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

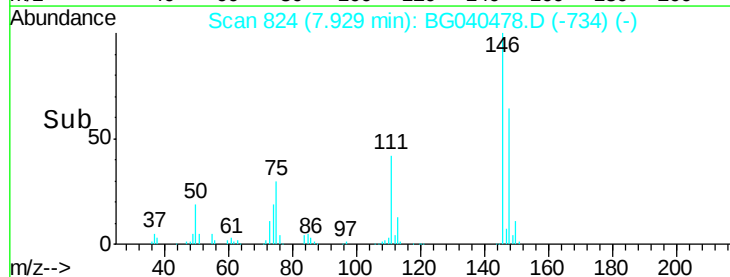
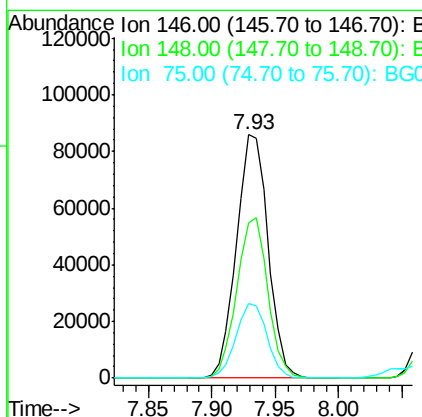
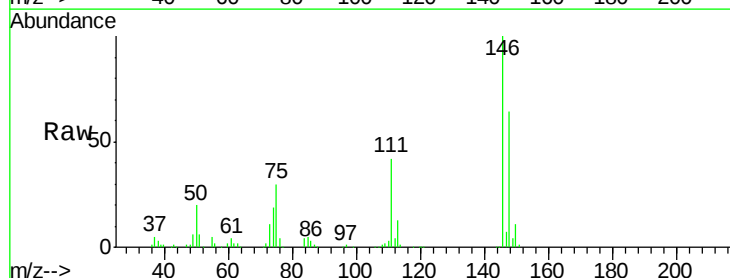
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion: 93 Resp: 137849
 Ion Ratio Lower Upper
 93 100
 63 85.6 64.2 104.2
 95 32.7 14.0 54.0



#12
 1,3-Dichlorobenzene
 Concen: 36.295 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 146 Resp: 148574
 Ion Ratio Lower Upper
 146 100
 148 63.8 48.2 72.2
 75 30.5 24.1 36.1

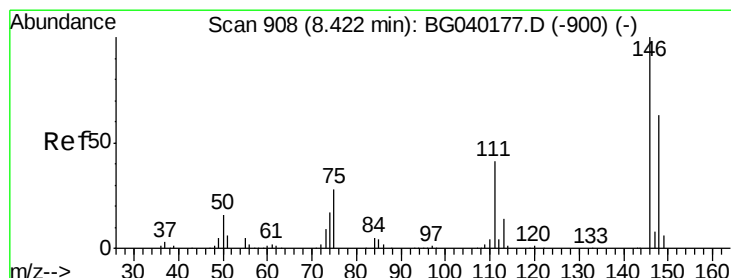
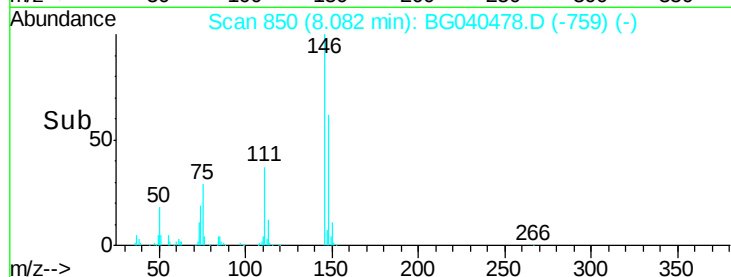
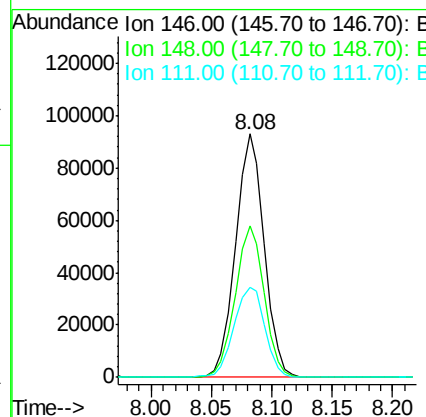
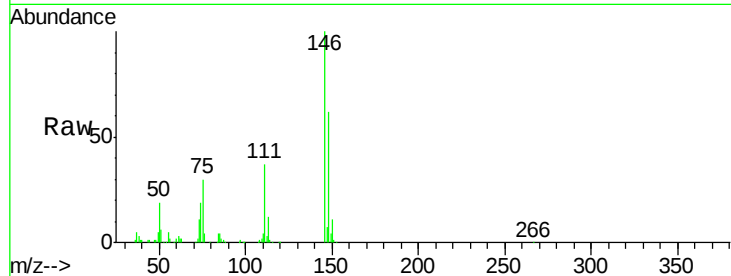




#13
 1,4-Dichlorobenzene
 Concen: 37.644 ng
 RT: 8.08 min Scan# 850
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

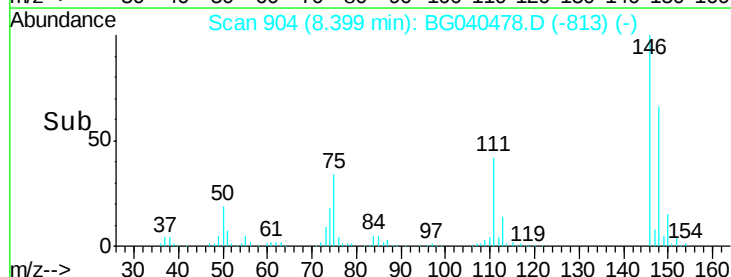
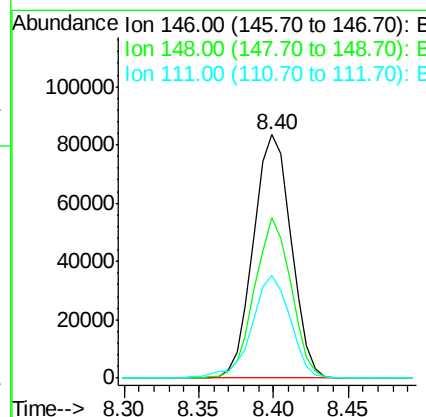
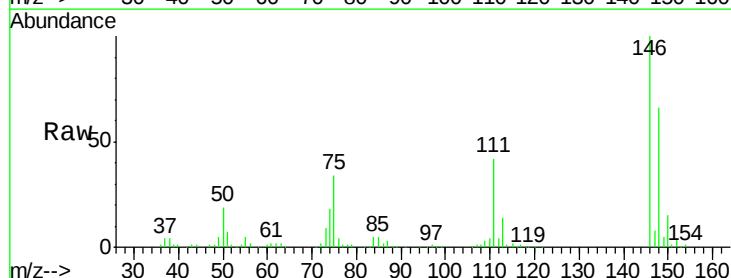
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:146 Resp: 153478
 Ion Ratio Lower Upper
 146 100
 148 62.1 51.0 76.4
 111 36.8 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 37.361 ng
 RT: 8.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:146 Resp: 145667
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.8 76.2
 111 42.4 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.945 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

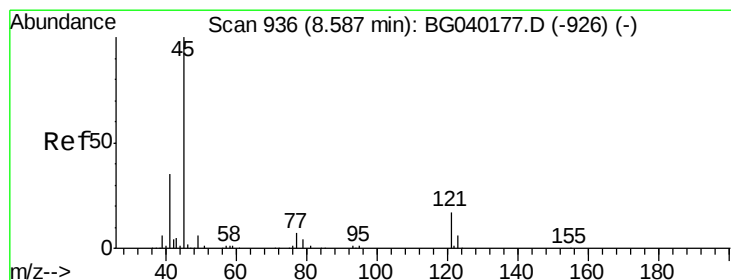
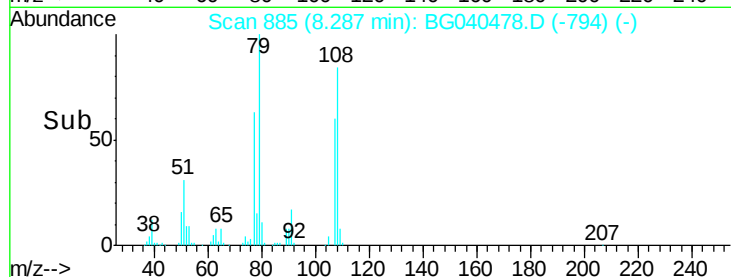
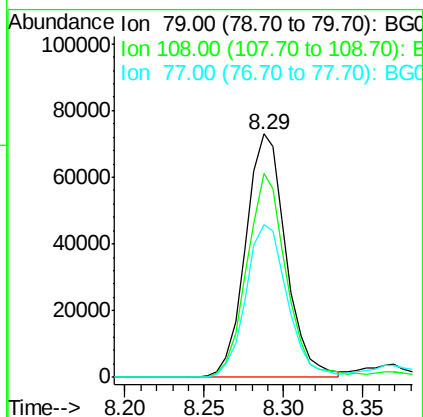
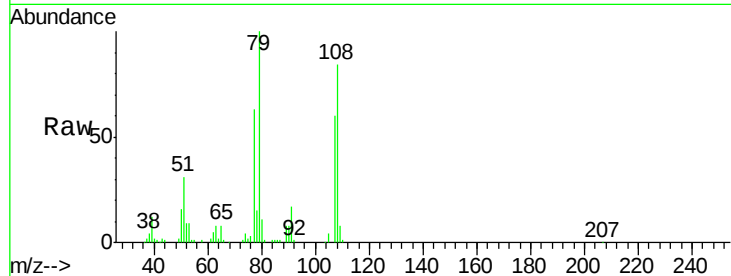
Tgt Ion: 79 Resp: 128699

Ion Ratio Lower Upper

79 100

108 83.6 62.1 93.1

77 62.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.937 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

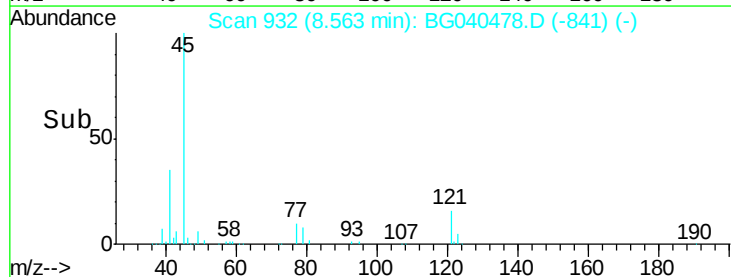
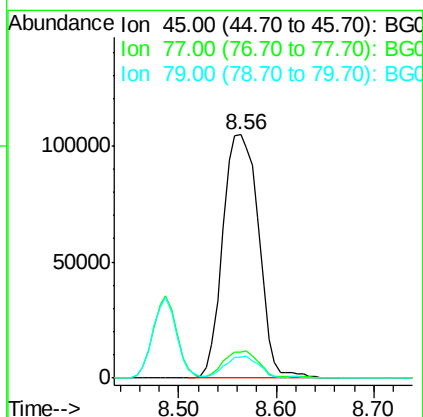
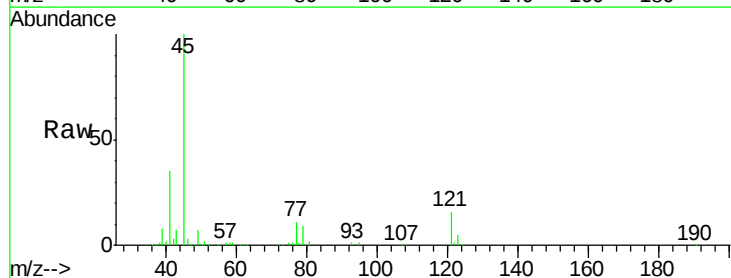
Tgt Ion: 45 Resp: 266569

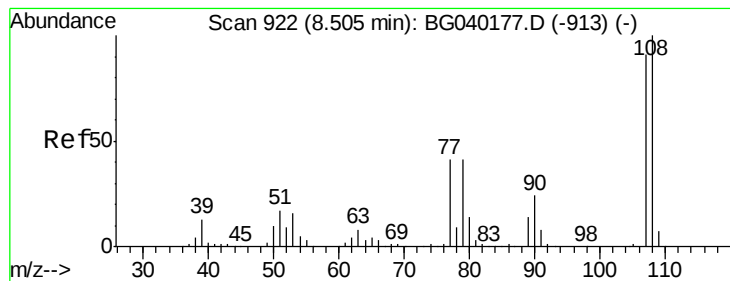
Ion Ratio Lower Upper

45 100

77 10.9 0.0 31.4

79 8.6 0.0 28.3





#17

2-Methylphenol

Concen: 40.130 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

Tgt Ion:107 Resp: 133999

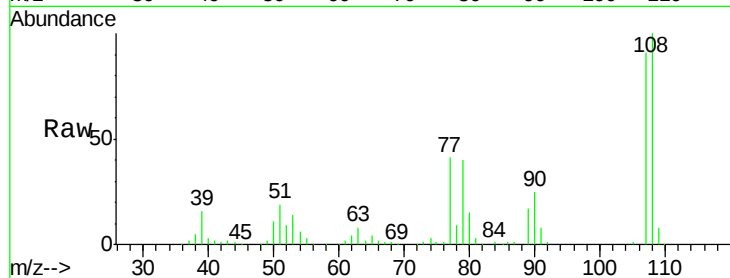
Ion Ratio Lower Upper

107 100

108 109.7 88.2 132.4

77 45.0 36.6 55.0

79 44.2 36.5 54.7

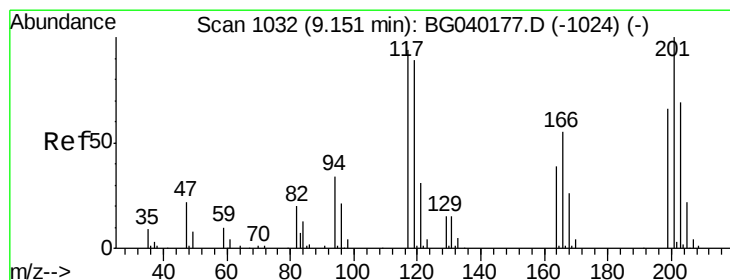
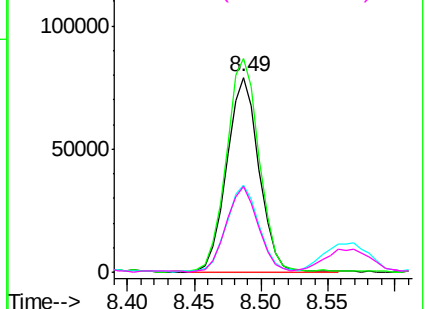
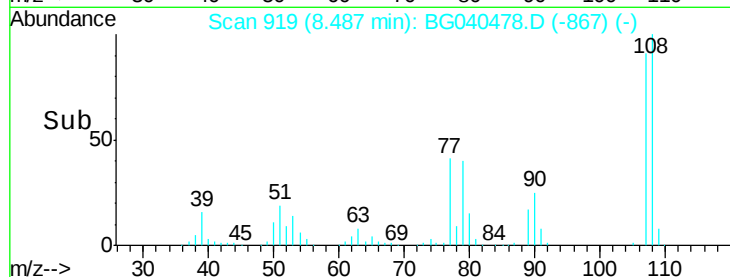


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.678 ng

RT: 9.13 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

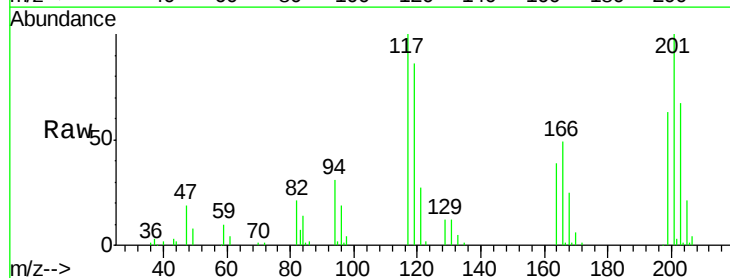
Tgt Ion:117 Resp: 53780

Ion Ratio Lower Upper

117 100

119 86.6 76.6 115.0

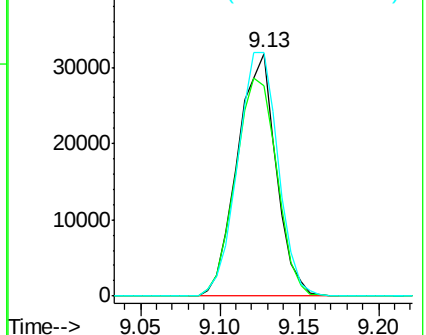
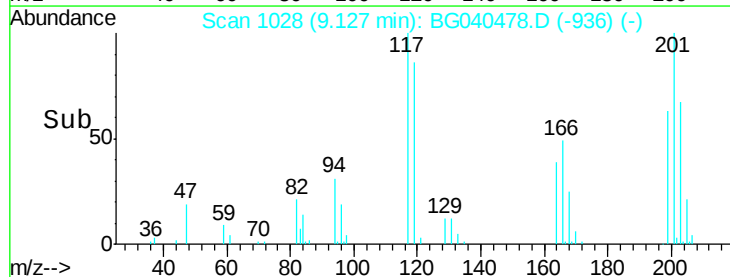
201 103.5 85.0 127.4

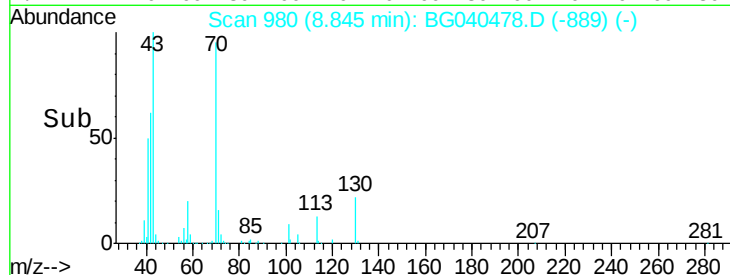
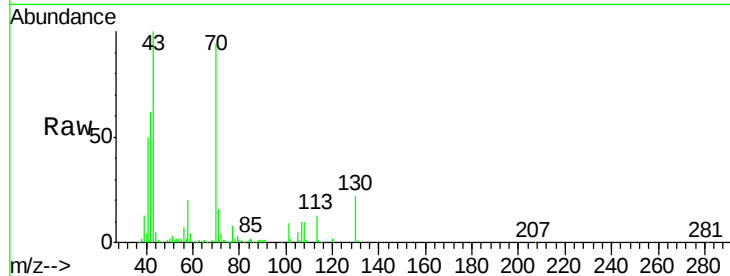
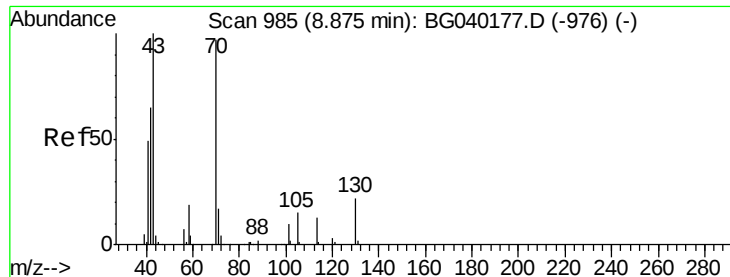


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

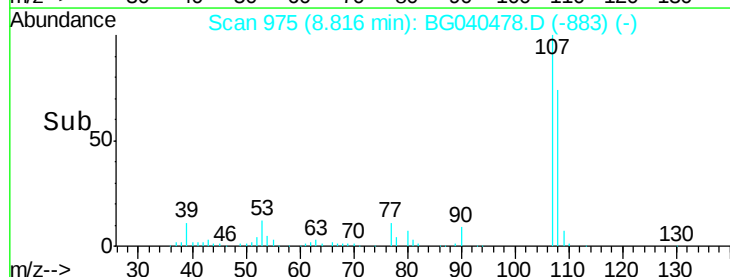
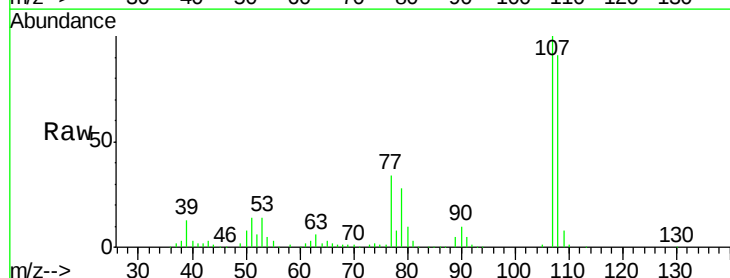
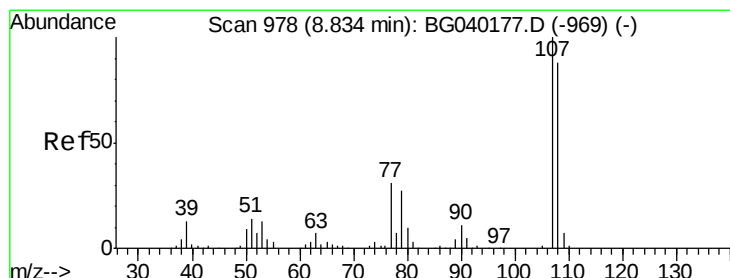
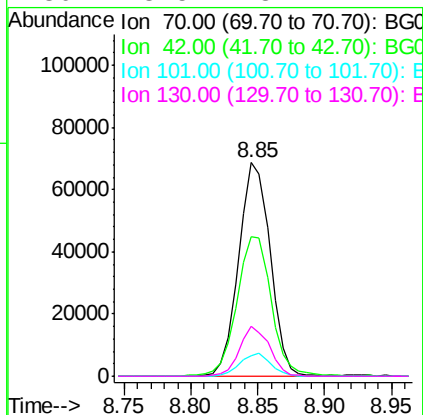




#19
n-Nitroso-di-n-propylamine
Concen: 35.317 ng
RT: 8.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

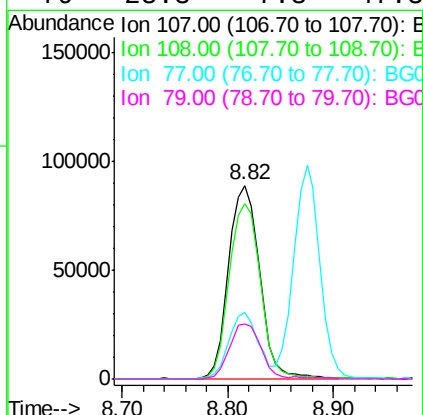
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

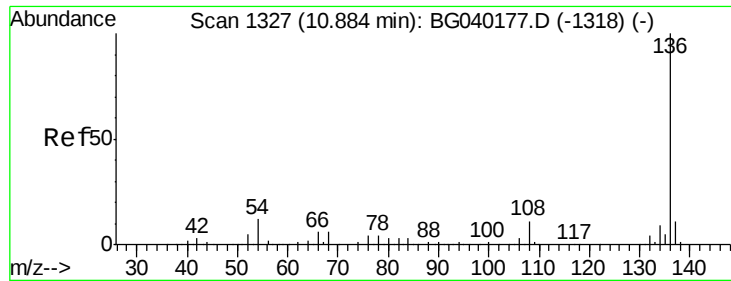
Tgt Ion:	70	Resp:	112574
Ion	Ratio	Lower	Upper
70	100		
42	65.5	54.0	81.0
101	9.5	8.6	13.0
130	23.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 40.277 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:	107	Resp:	182194
Ion	Ratio	Lower	Upper
107	100		
108	90.6	68.3	108.3
77	34.2	11.3	51.3
79	28.3	7.3	47.3

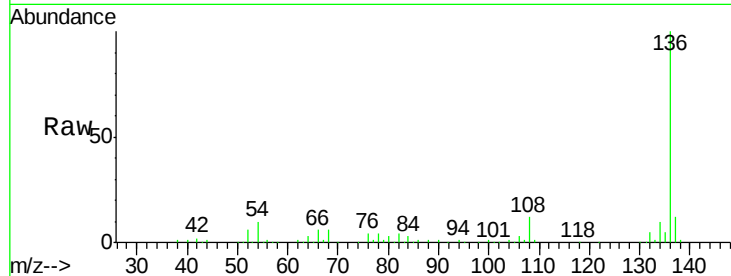




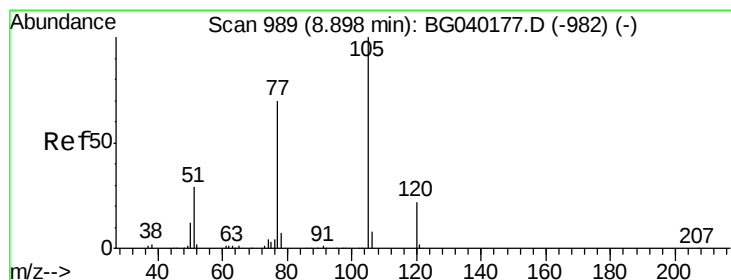
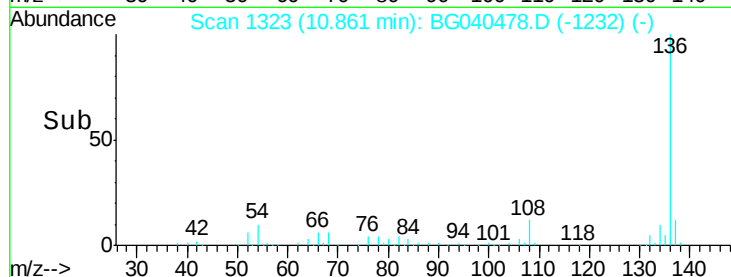
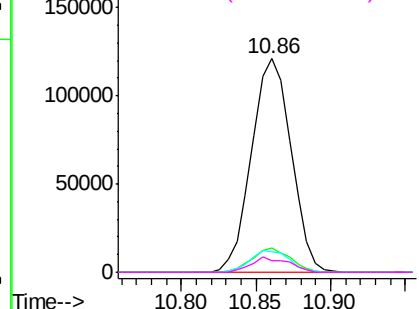
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Instrument :
BNA_G
ClientSampleId :
PB118717BSD

Tgt Ion:	136	Resp:	222389
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	9.8	9.6	14.4
68	5.6	5.1	7.7

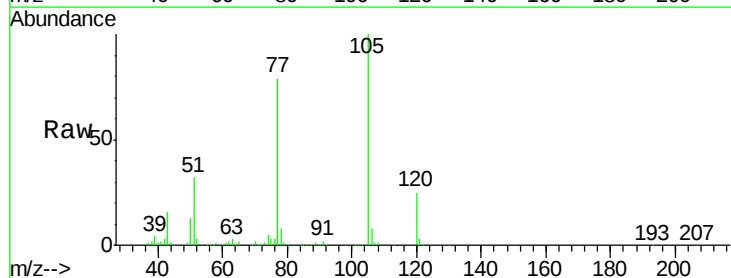


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

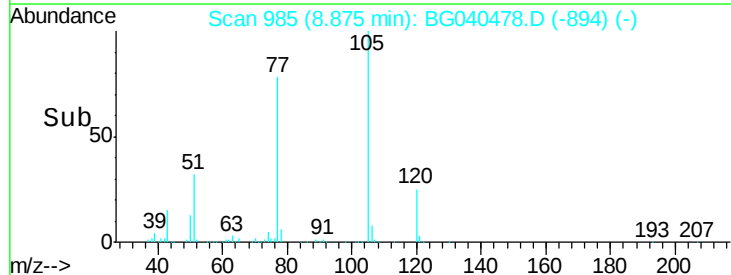
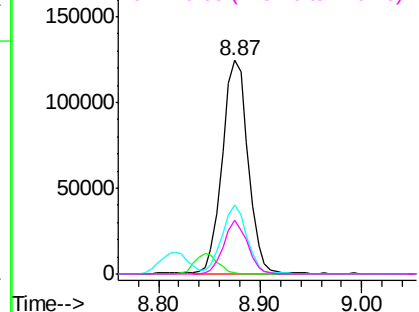


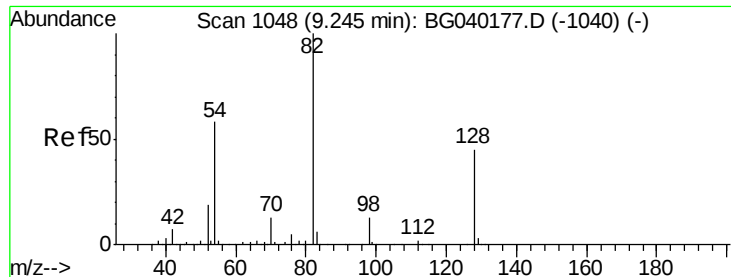
#22
Acetophenone
Concen: 39.745 ng
RT: 8.87 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:	105	Resp:	220486
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	32.5	25.1	37.7
120	25.4	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

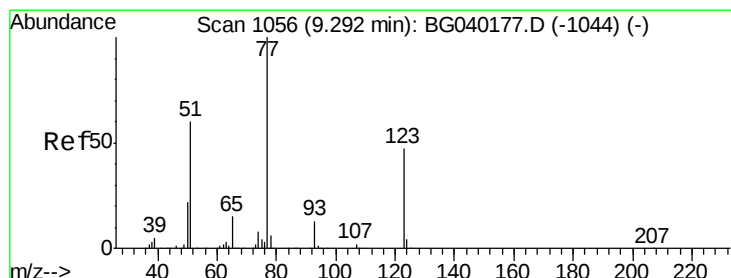
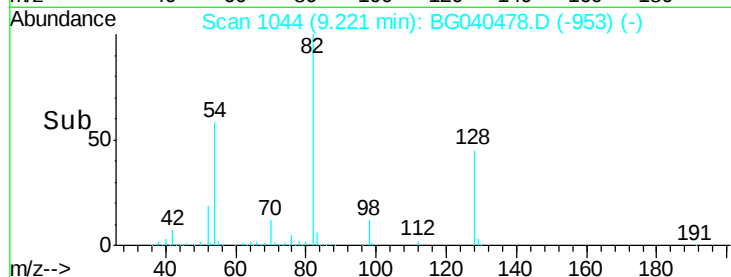
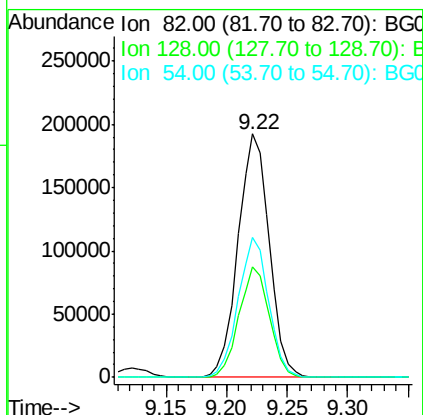
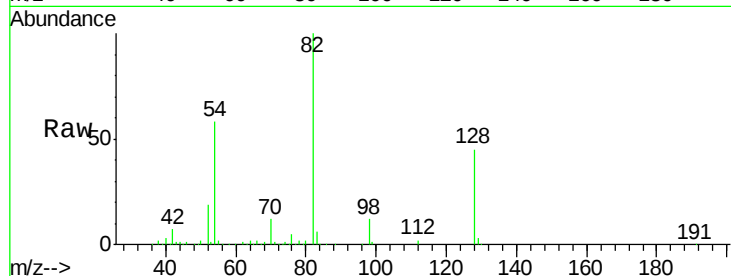




#23
 Nitrobenzene-d5
 Concen: 82.764 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

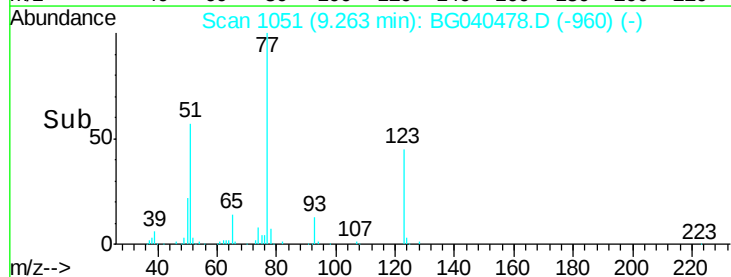
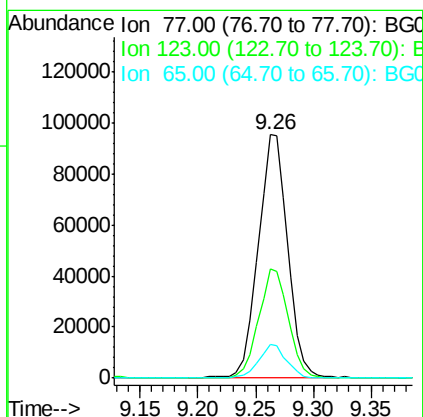
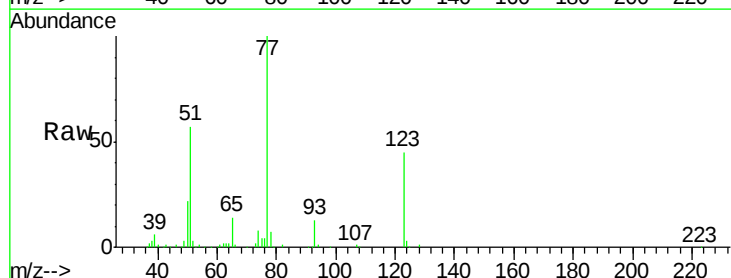
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

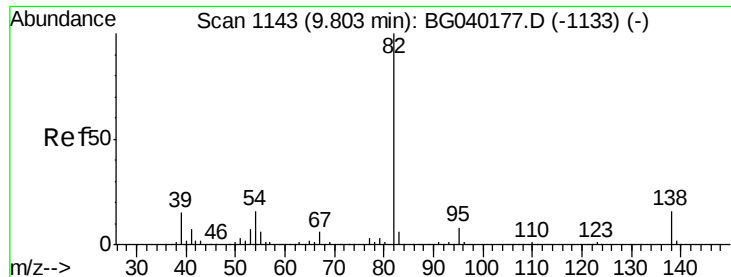
Tgt Ion: 82 Resp: 346279
 Ion Ratio Lower Upper
 82 100
 128 45.4 35.8 53.8
 54 57.7 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.214 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 77 Resp: 169897
 Ion Ratio Lower Upper
 77 100
 123 44.8 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 38.206 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

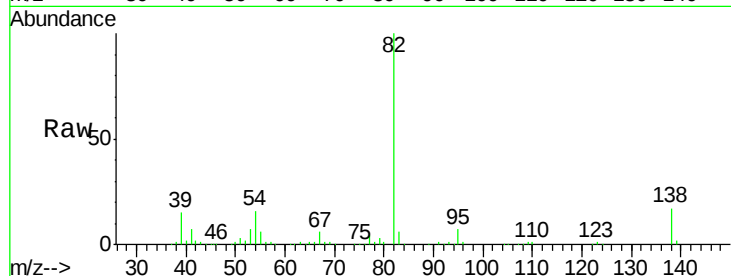
Tgt Ion: 82 Resp: 328901

Ion Ratio Lower Upper

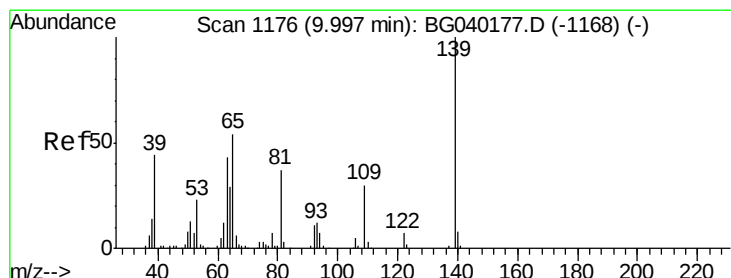
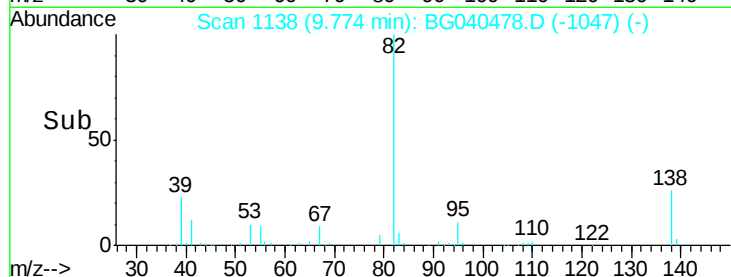
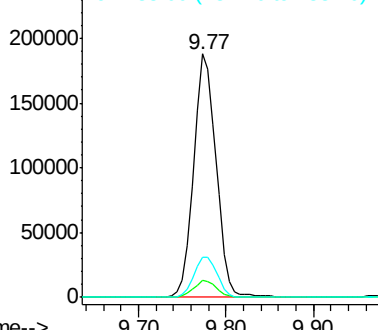
82 100

95 7.0 6.1 9.1

138 16.6 13.2 19.8



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



#26

2-Nitrophenol

Concen: 39.319 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

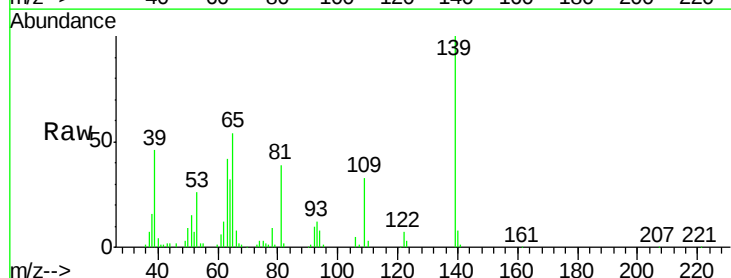
Tgt Ion: 139 Resp: 80720

Ion Ratio Lower Upper

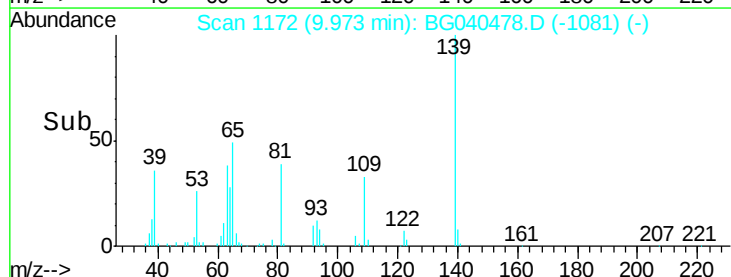
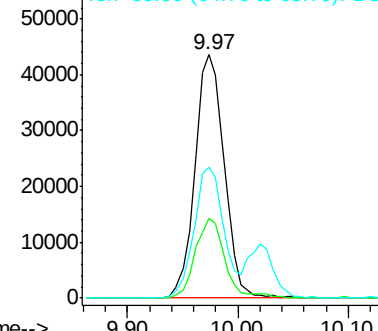
139 100

109 32.6 24.1 36.1

65 53.8 43.0 64.6



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

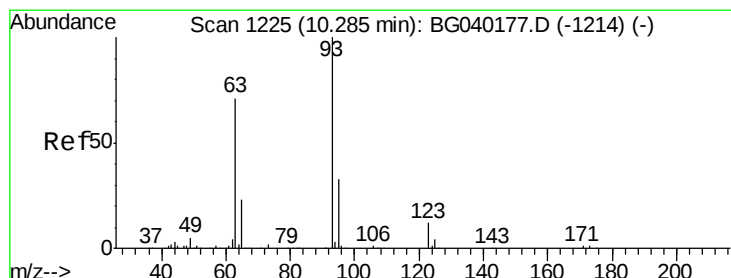
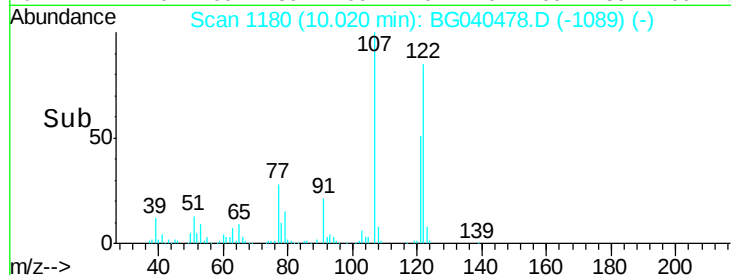
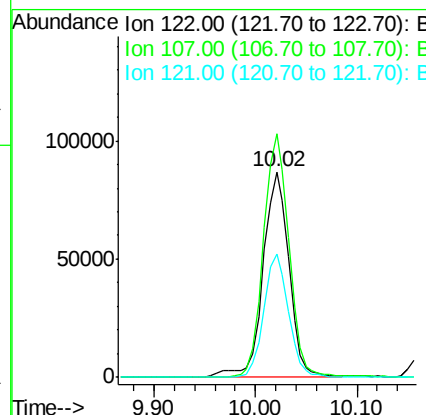
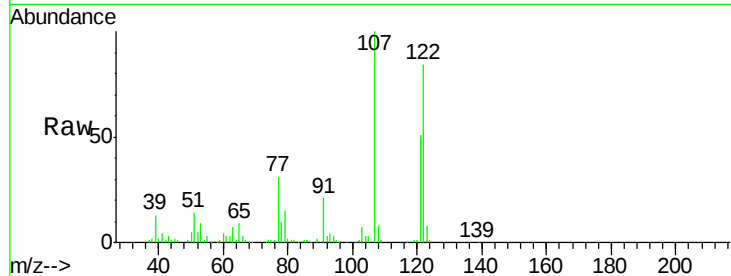




#27
 2,4-Dimethylphenol
 Concen: 47.546 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

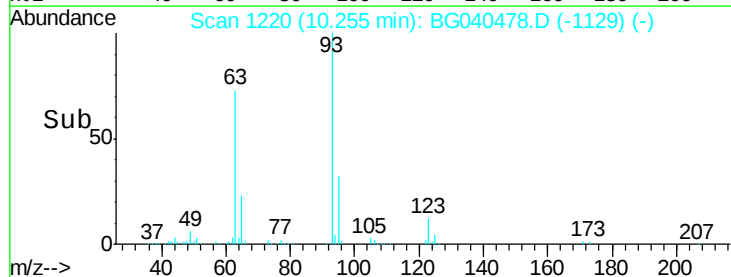
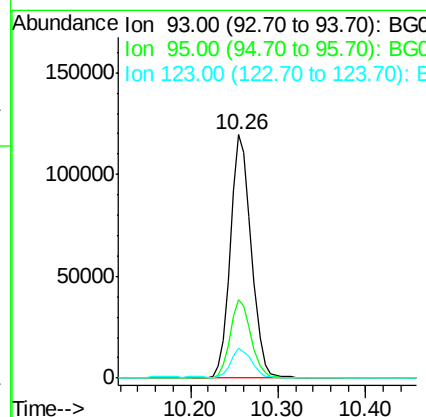
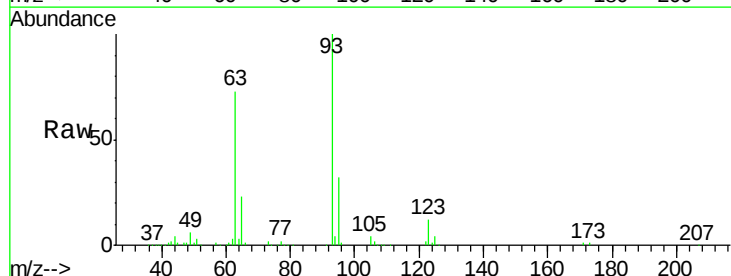
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:122 Resp: 155044
 Ion Ratio Lower Upper
 122 100
 107 118.5 97.4 146.2
 121 60.3 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.525 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 93 Resp: 196212
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.2 39.4
 123 12.3 9.4 14.0

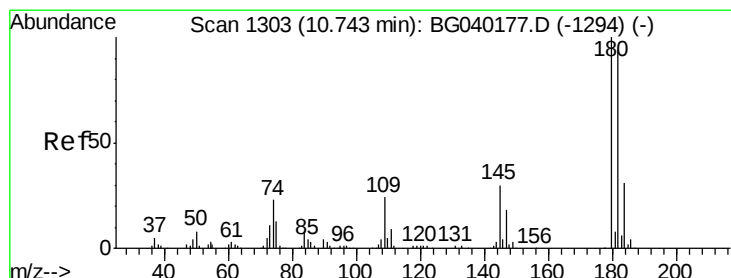
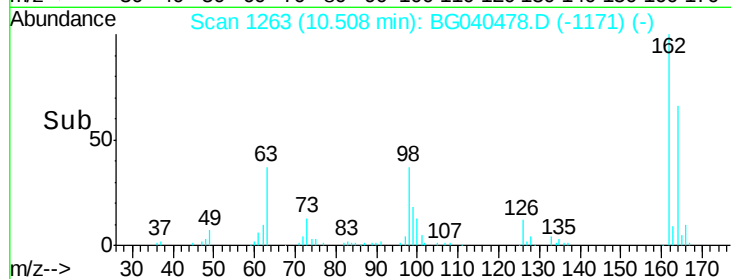
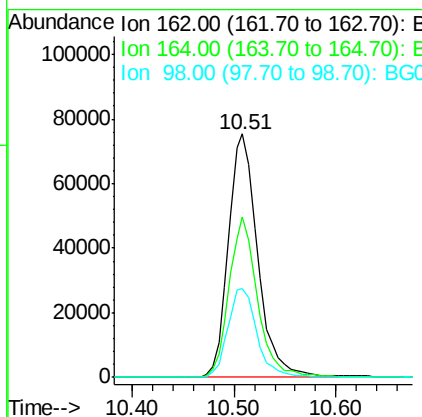
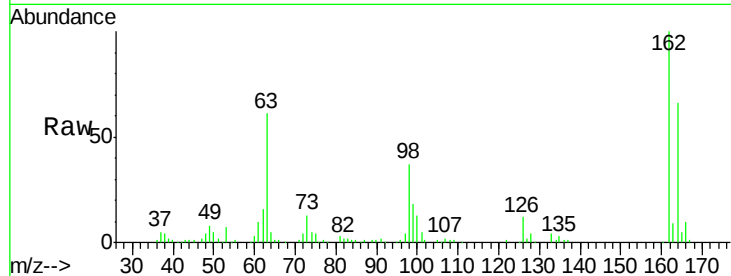




#29
 2,4-Dichlorophenol
 Concen: 42.770 ng
 RT: 10.51 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

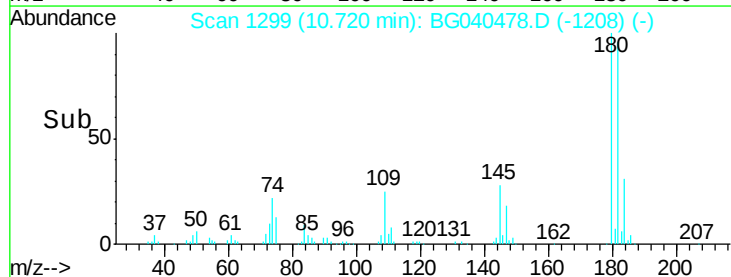
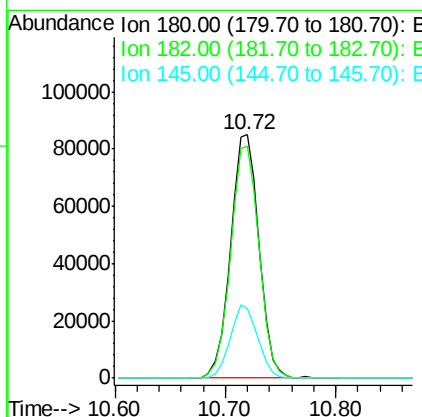
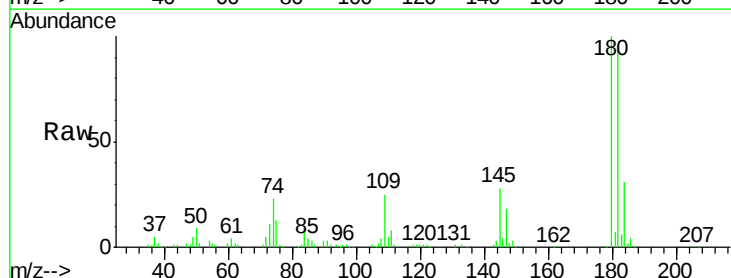
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:162 Resp: 151386
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.9 83.9
 98 36.7 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 39.325 ng
 RT: 10.72 min Scan# 1299
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:180 Resp: 152838
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.1 112.7
 145 28.3 24.1 36.1

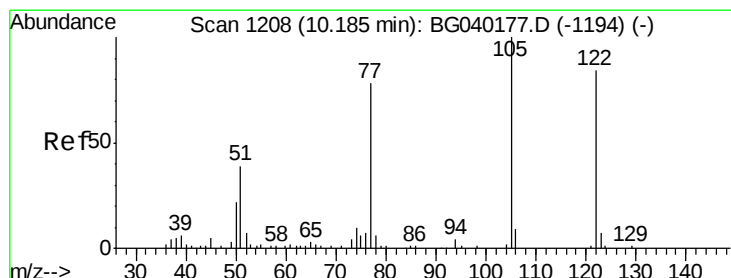
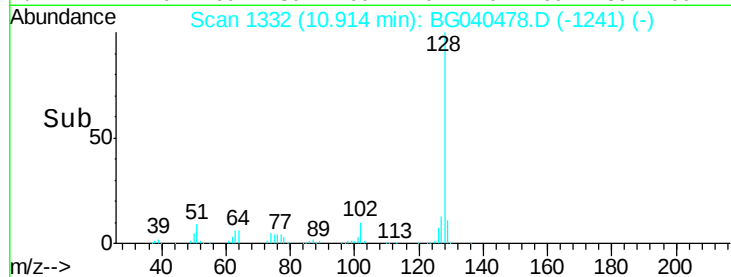
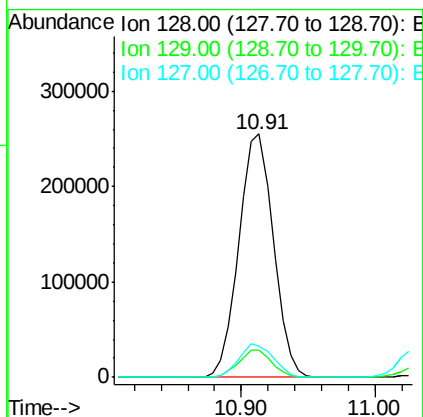
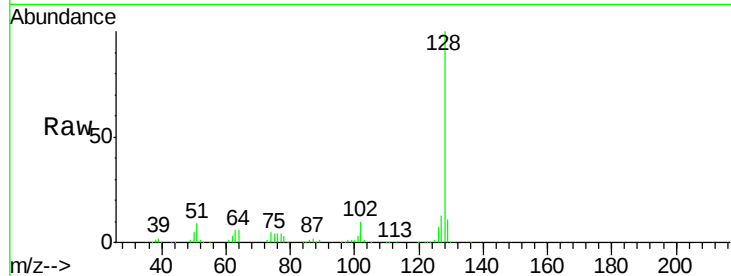




#31
Naphthalene
Concen: 40.112 ng
RT: 10.91 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

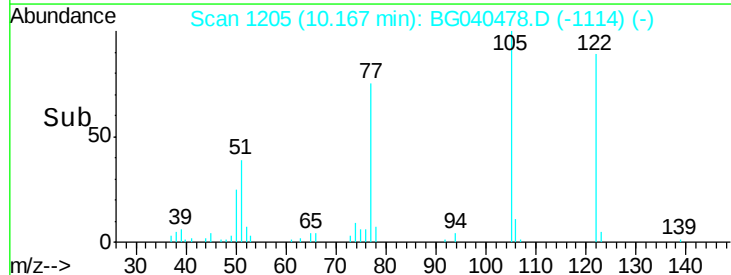
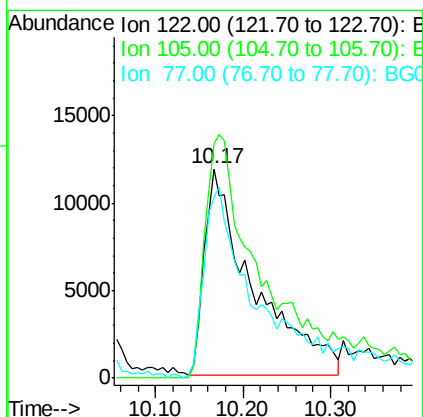
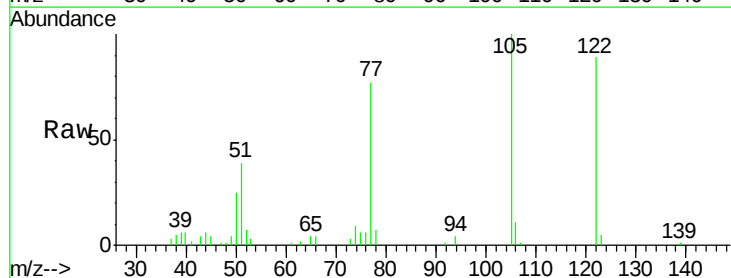
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

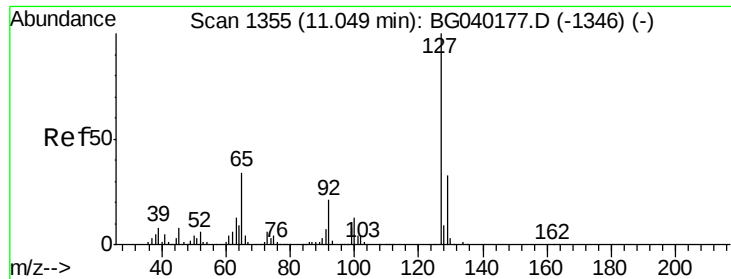
Tgt Ion:128 Resp: 457237
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.0 11.4 17.0



#32
Benzoic acid
Concen: 23.302 ng
RT: 10.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:122 Resp: 45910
Ion Ratio Lower Upper
122 100
105 112.4 98.2 138.2
77 86.3 73.6 113.6

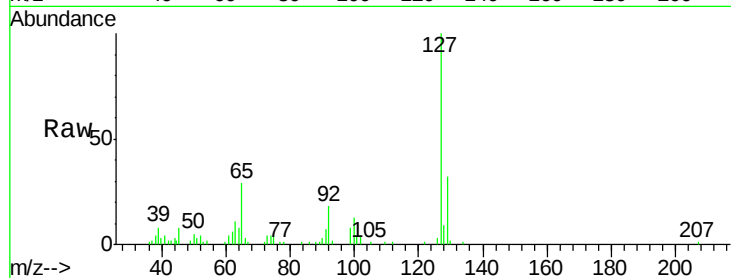




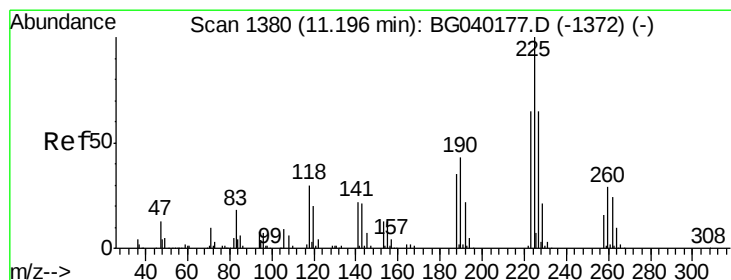
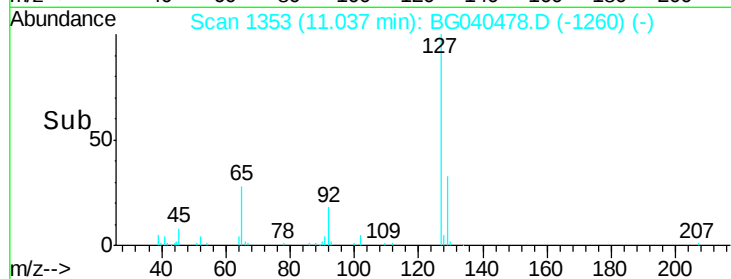
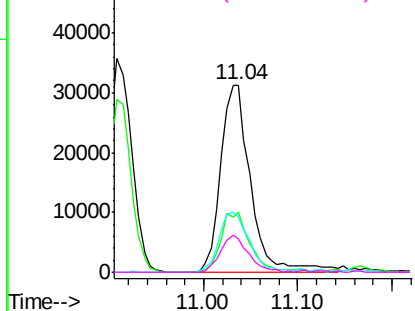
#33
4-Chloroaniline
Concen: 14.275 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Instrument :
BNA_G
ClientSampleId :
PB118717BSD

Tgt Ion:	127	Resp:	69409
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	40.0
65	29.2	27.0	40.4
92	17.5	16.6	25.0

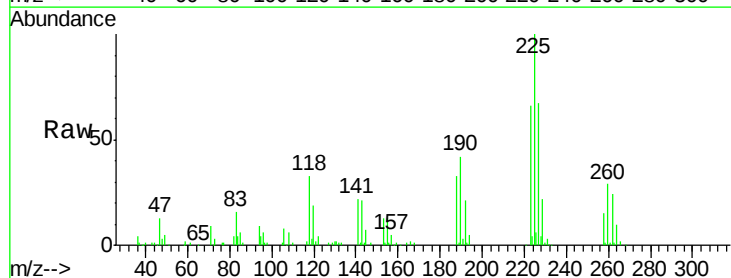


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

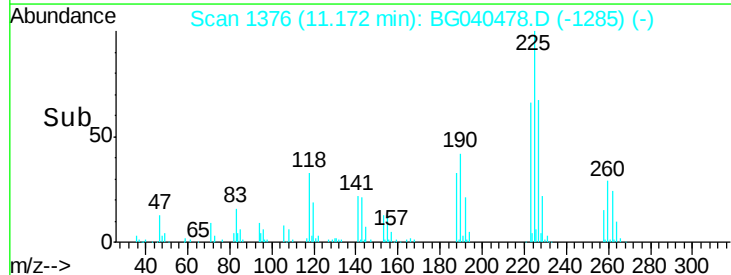
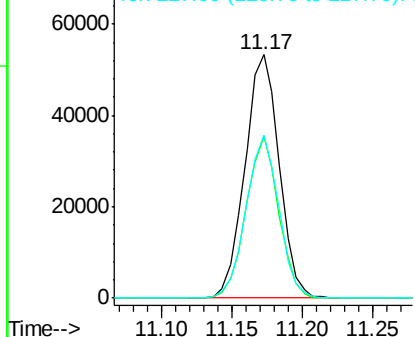


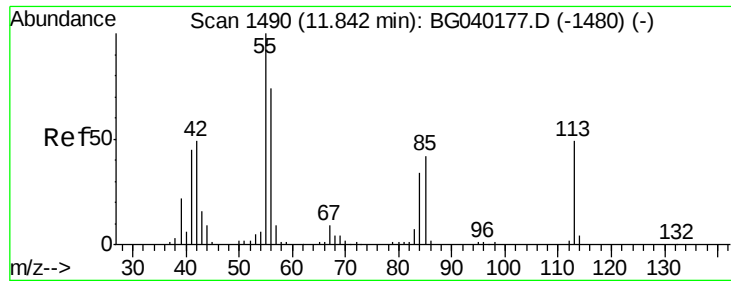
#34
Hexachlorobutadiene
Concen: 36.466 ng
RT: 11.17 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:	225	Resp:	90640
Ion	Ratio	Lower	Upper
225	100		
223	66.4	51.8	77.8
227	67.2	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: 40.232 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

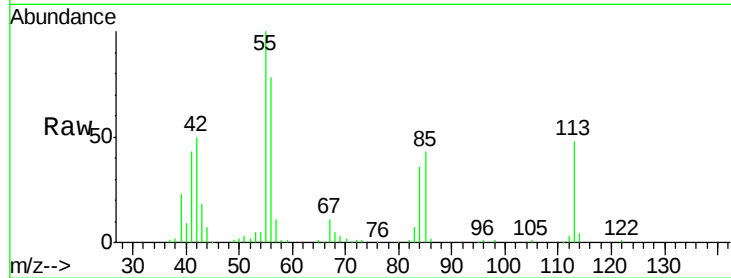
Tgt Ion:113 Resp: 56511

Ion Ratio Lower Upper

113 100

55 209.2 184.2 224.2

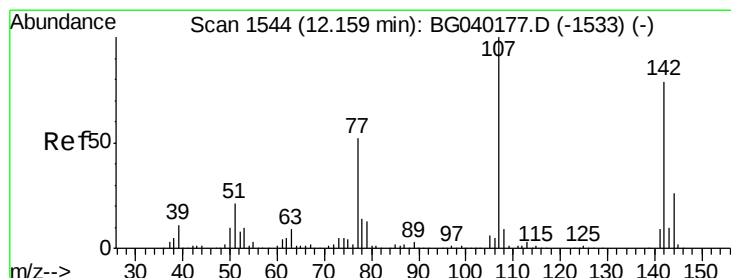
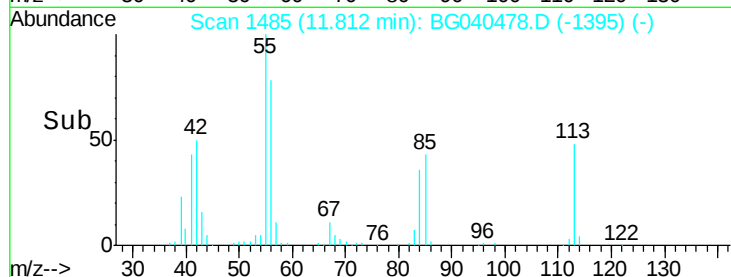
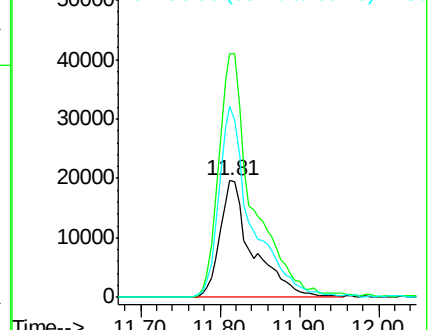
56 164.2 131.3 171.3



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: 43.976 ng

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

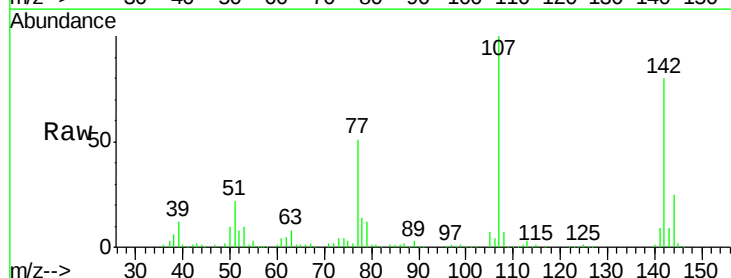
Tgt Ion:107 Resp: 178944

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

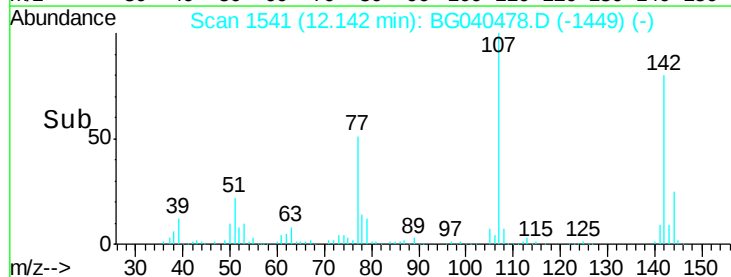
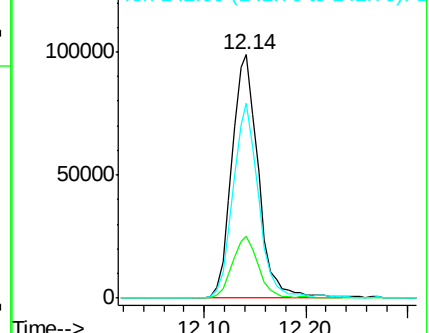
142 80.0 63.1 94.7

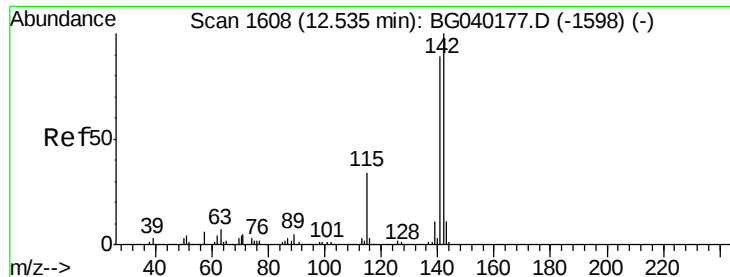


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

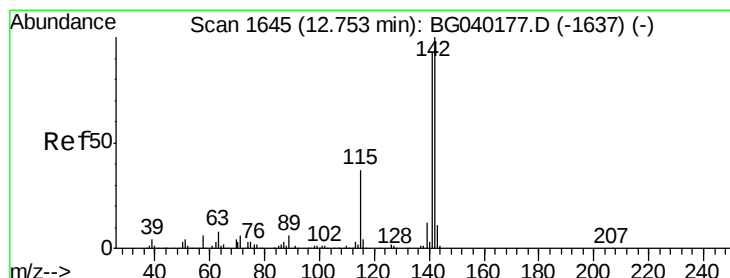
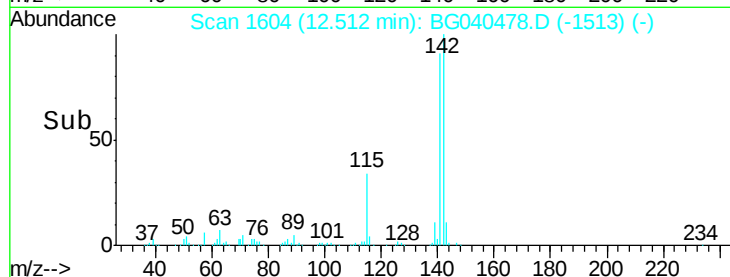
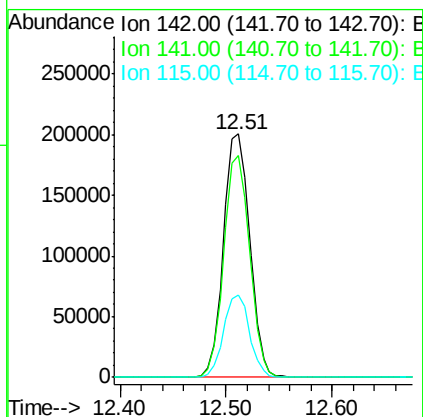
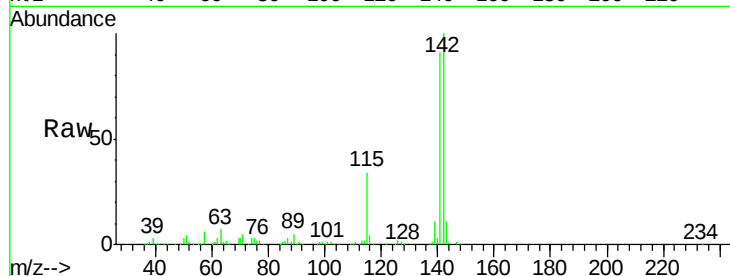




#37
 2-Methylnaphthalene
 Concen: 41.119 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

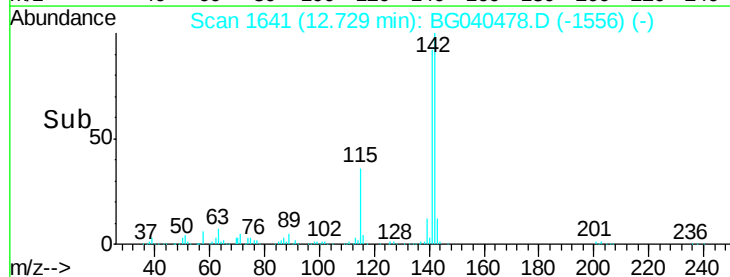
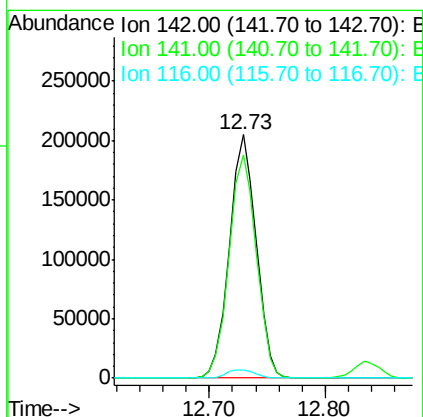
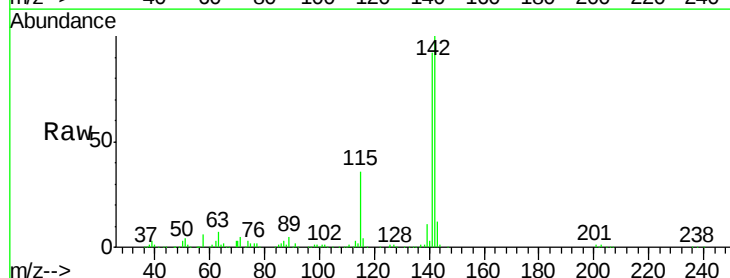
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

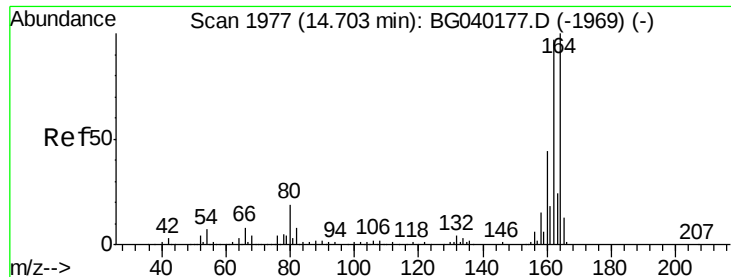
Tgt Ion:142 Resp: 346654
 Ion Ratio Lower Upper
 142 100
 141 91.1 71.0 106.6
 115 34.0 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 40.243 ng
 RT: 12.73 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:142 Resp: 328992
 Ion Ratio Lower Upper
 142 100
 141 91.7 74.2 111.4
 116 3.5 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

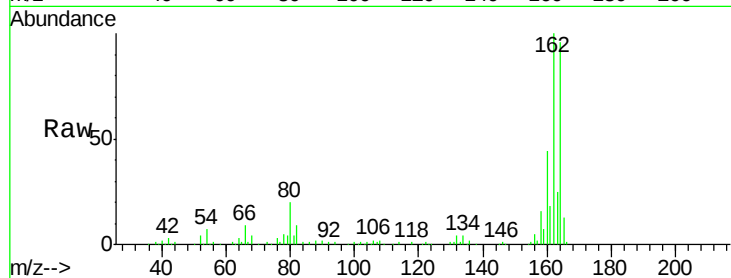
Tgt Ion:164 Resp: 144208

Ion Ratio Lower Upper

164 100

162 104.0 77.4 116.2

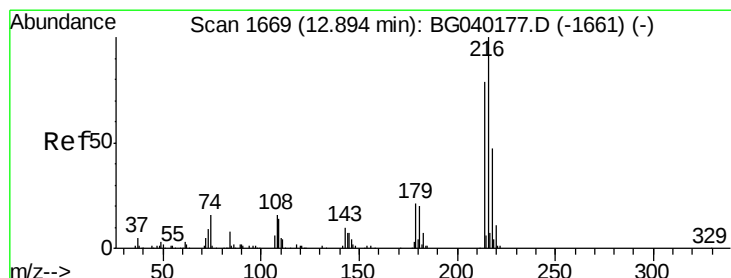
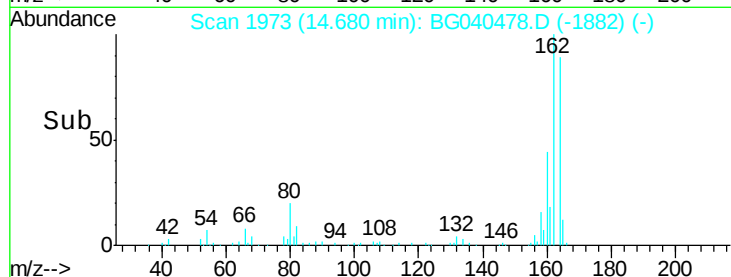
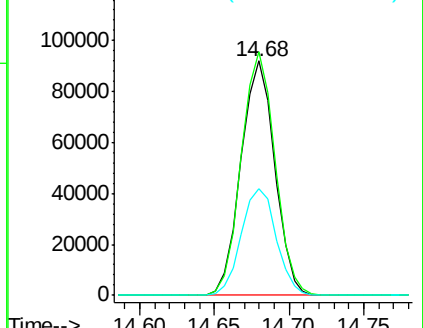
160 45.8 35.3 52.9



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: 38.698 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Tgt Ion:216 Resp: 177368

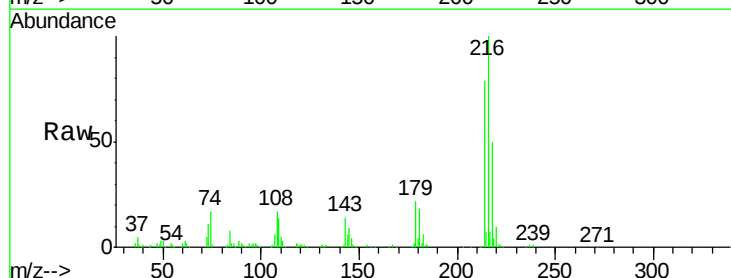
Ion Ratio Lower Upper

216 100

214 78.6 63.5 95.3

179 20.4 16.6 25.0

108 19.4 13.8 20.8

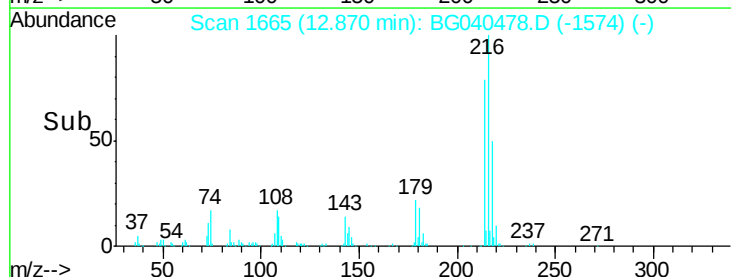
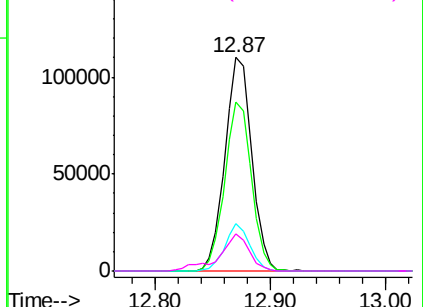


Abundance Ion 216.00 (215.70 to 216.70): E

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: 77.334 ng

RT: 12.84 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

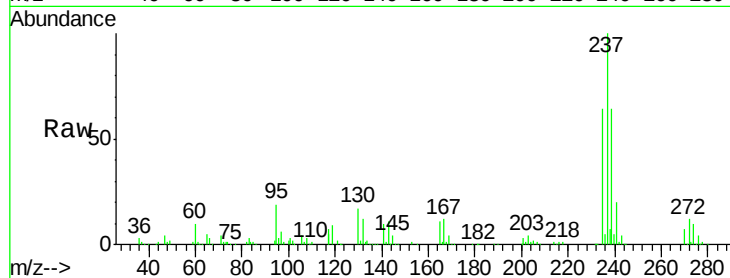
Tgt Ion: 237 Resp: 194622

Ion Ratio Lower Upper

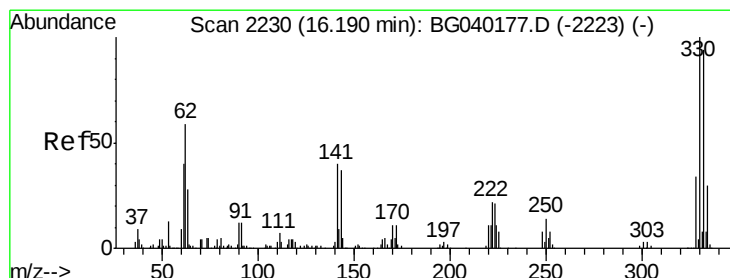
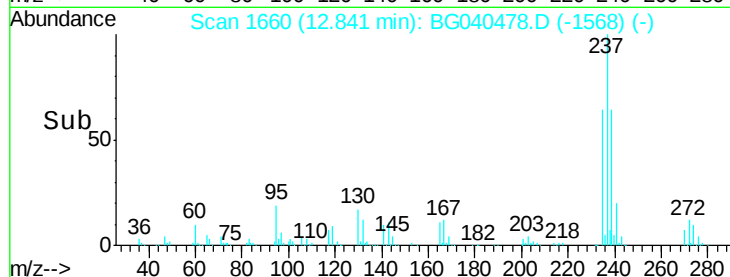
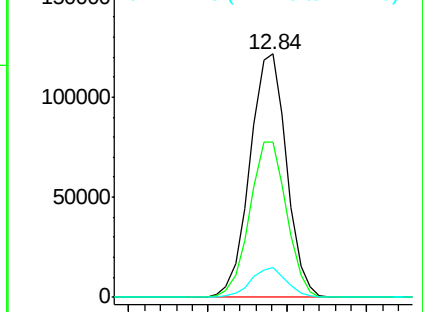
237 100

235 63.6 46.2 86.2

272 12.5 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: 100.024 ng

RT: 16.17 min Scan# 2227

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

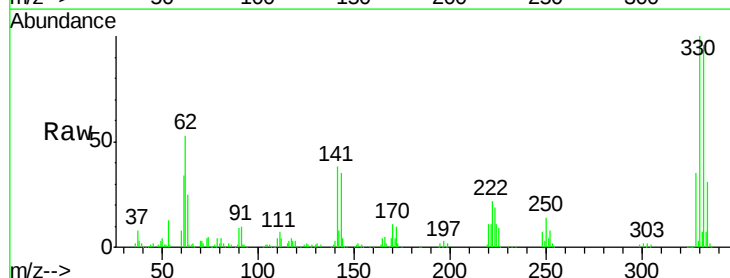
Tgt Ion: 330 Resp: 155889

Ion Ratio Lower Upper

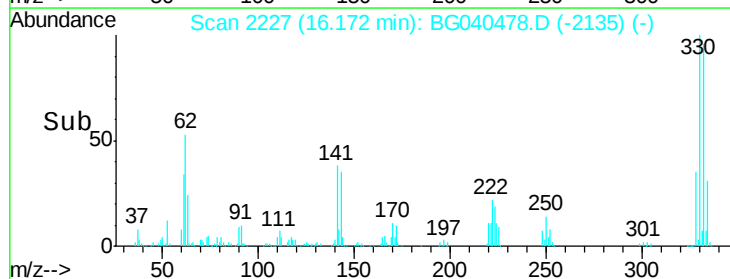
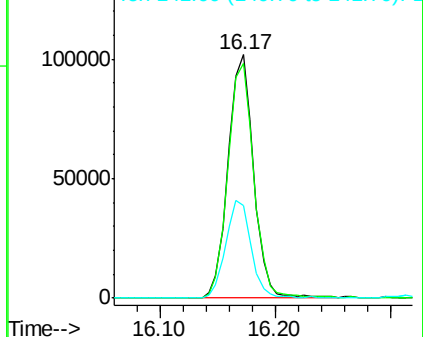
330 100

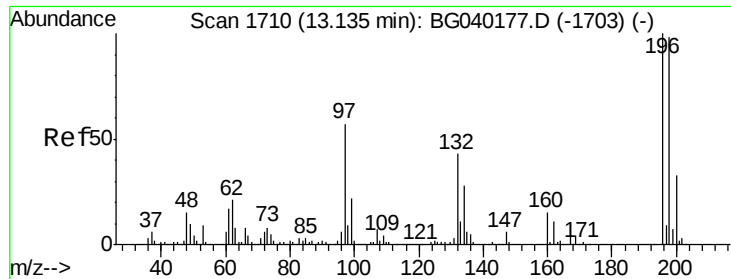
332 98.4 76.6 115.0

141 39.9 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

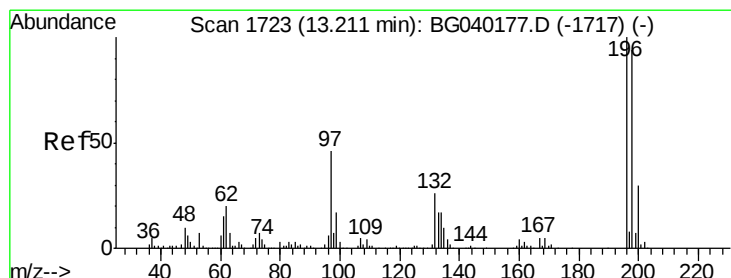
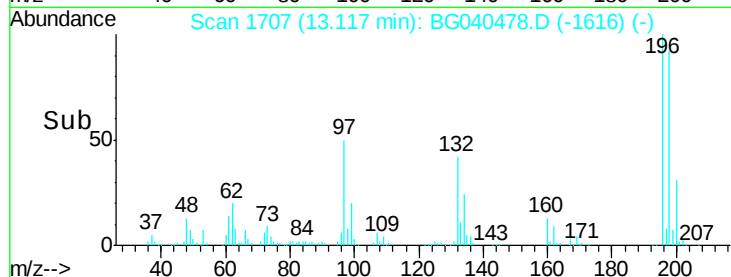
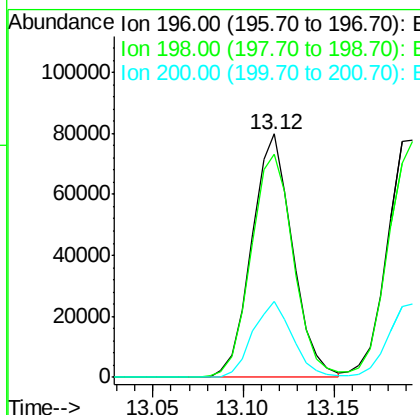
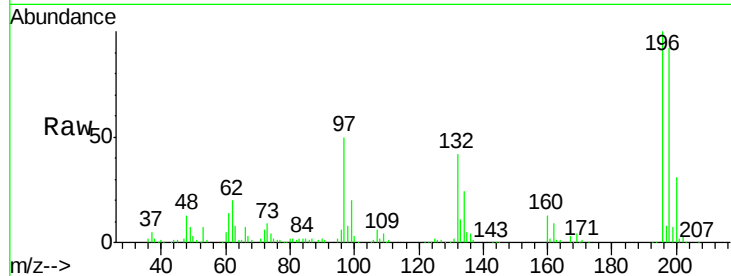




#43
 2,4,6-Trichlorophenol
 Concen: 42.146 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

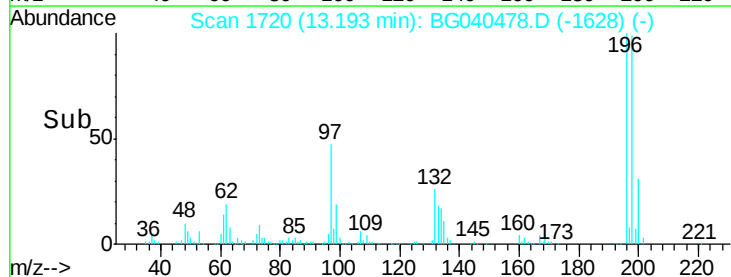
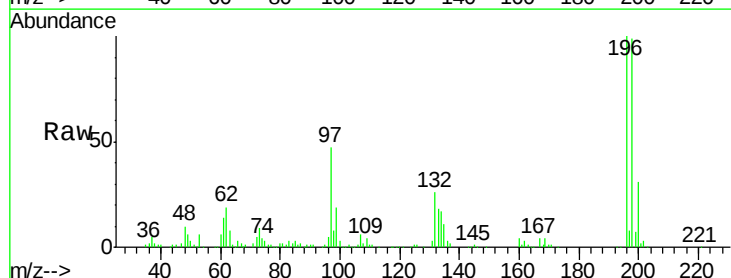
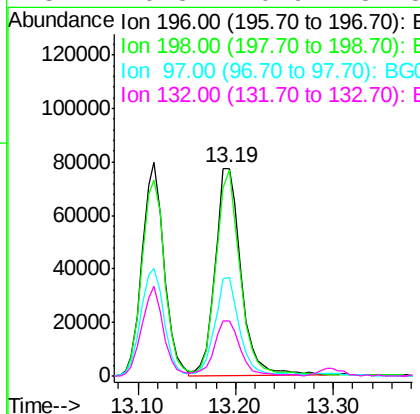
Instrument :
 BNA_G
 ClientSampleID :
 PB118717BSD

Tgt Ion:196 Resp: 124546
 Ion Ratio Lower Upper
 196 100
 198 91.6 78.3 117.5
 200 31.4 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.830 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. 0.01 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:196 Resp: 141174
 Ion Ratio Lower Upper
 196 100
 198 99.5 75.0 112.6
 97 47.3 37.3 55.9
 132 26.3 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 82.120 ng

RT: 13.30 min Scan# 1738

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

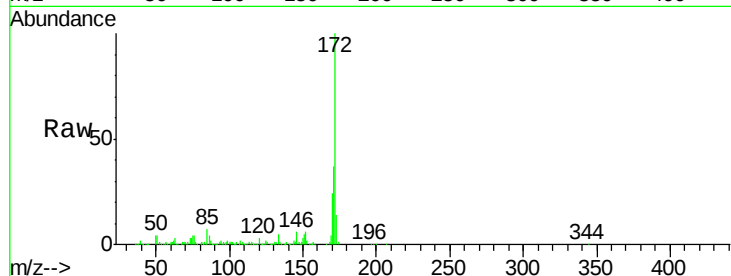
Tgt Ion:172 Resp: 799203

Ion Ratio Lower Upper

172 100

171 37.2 30.5 45.7

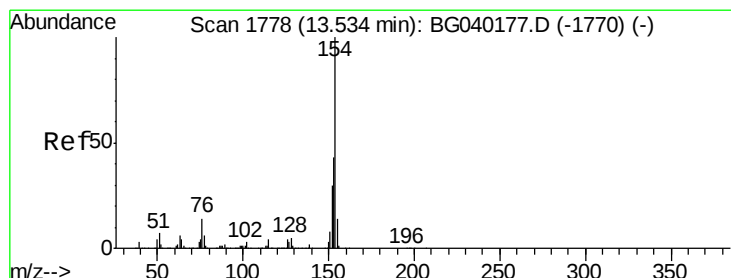
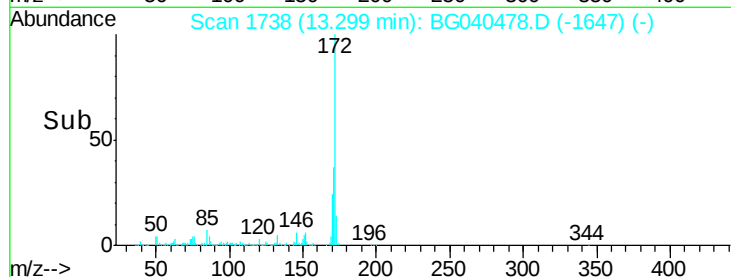
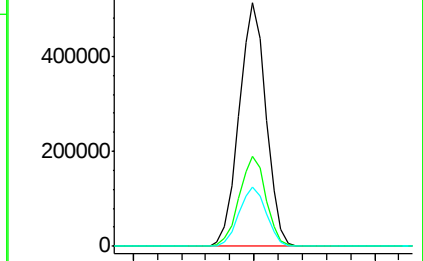
170 24.3 20.1 30.1



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: 39.399 ng

RT: 13.51 min Scan# 1774

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

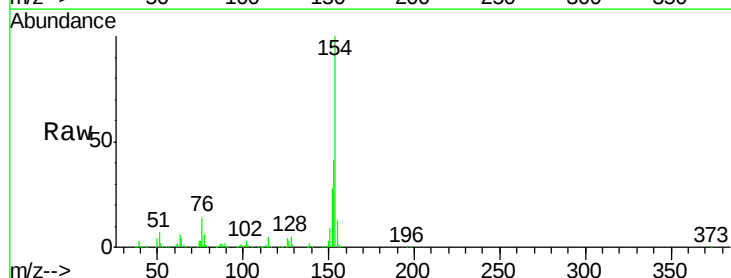
Tgt Ion:154 Resp: 448927

Ion Ratio Lower Upper

154 100

153 41.2 22.5 62.5

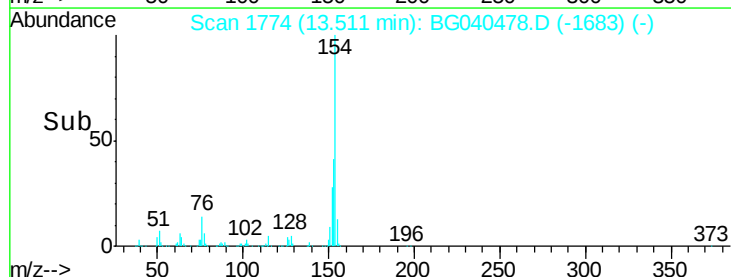
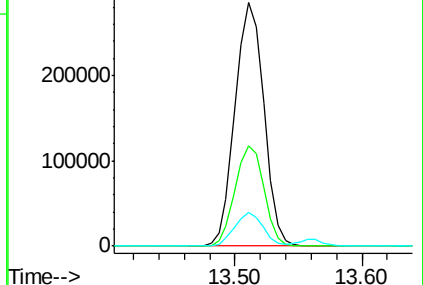
76 14.0 0.0 33.7

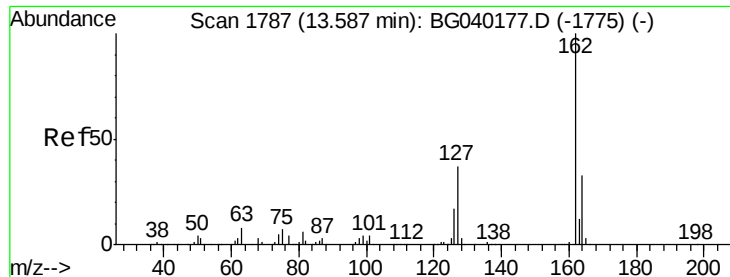


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

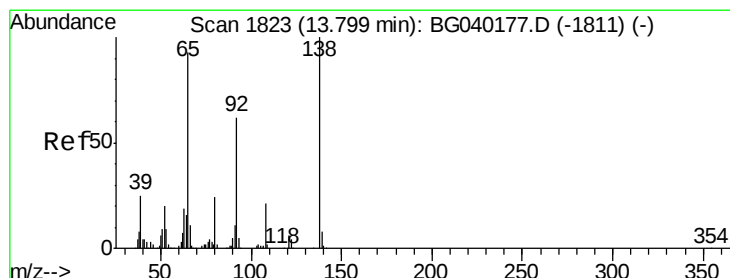
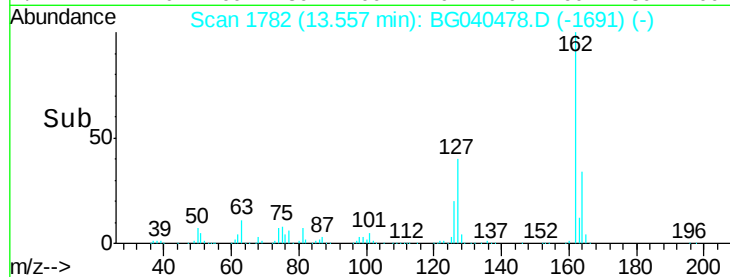
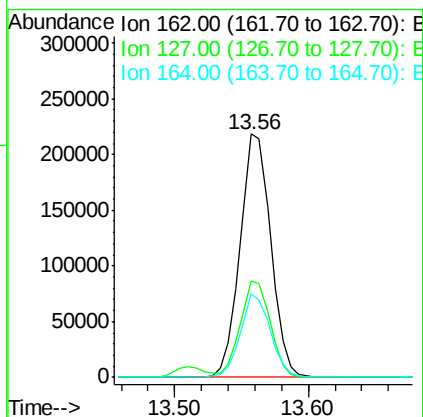
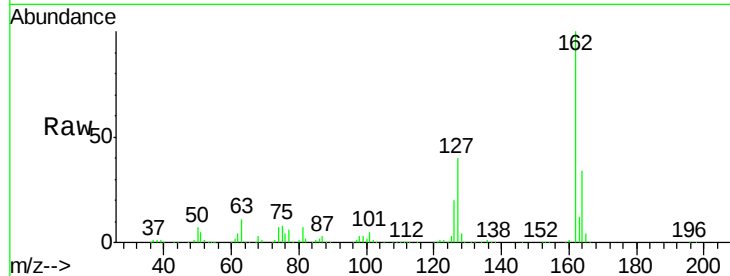




#47
 2-Chloronaphthalene
 Concen: 39.675 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

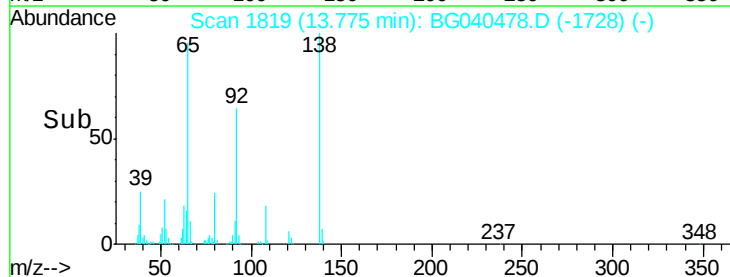
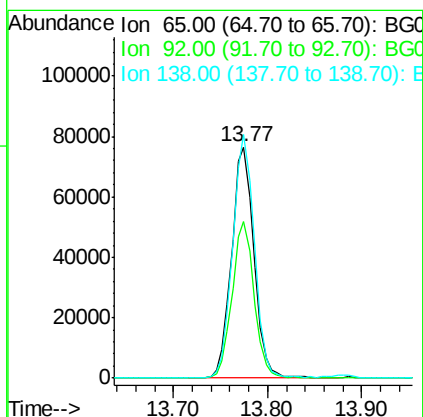
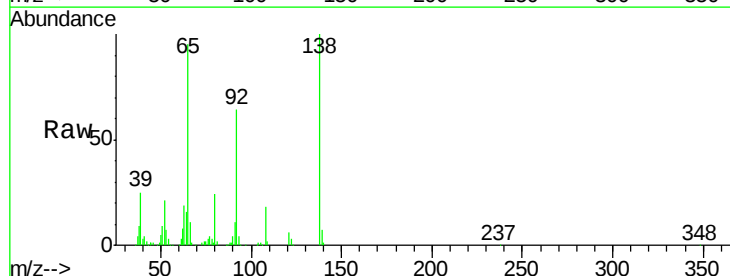
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

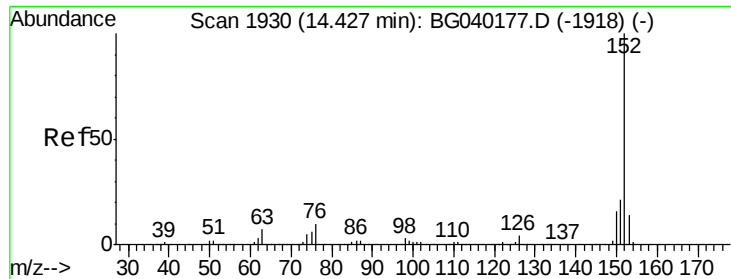
Tgt Ion: 162 Resp: 346763
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.6 45.8
 164 34.3 26.2 39.4



#48
 2-Nitroaniline
 Concen: 43.041 ng
 RT: 13.77 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 65 Resp: 126891
 Ion Ratio Lower Upper
 65 100
 92 67.8 53.8 80.6
 138 105.2 86.3 129.5





#49

Acenaphthylene

Concen: 40.160 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

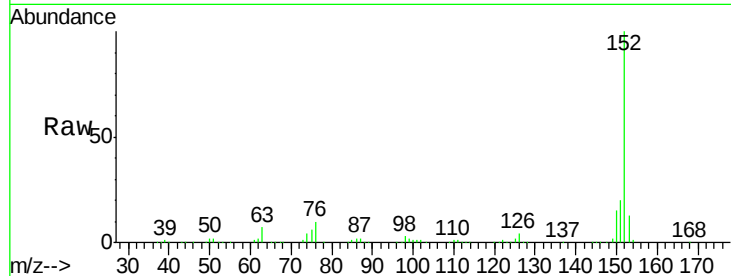
Tgt Ion:152 Resp: 595122

Ion Ratio Lower Upper

152 100

151 19.9 17.0 25.6

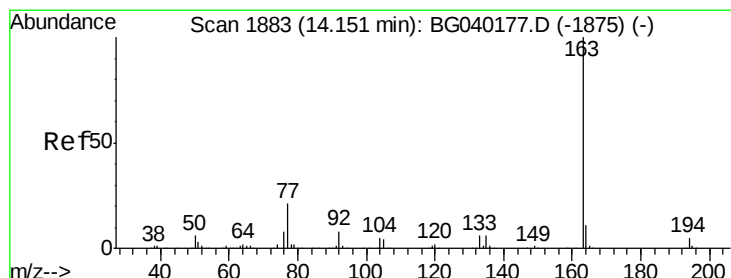
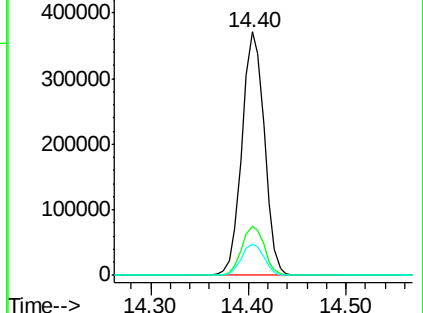
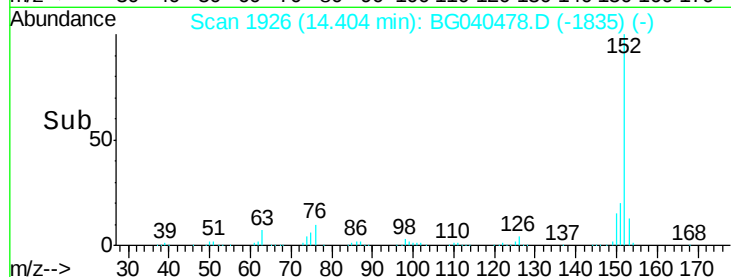
153 12.8 10.8 16.2



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: 41.399 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

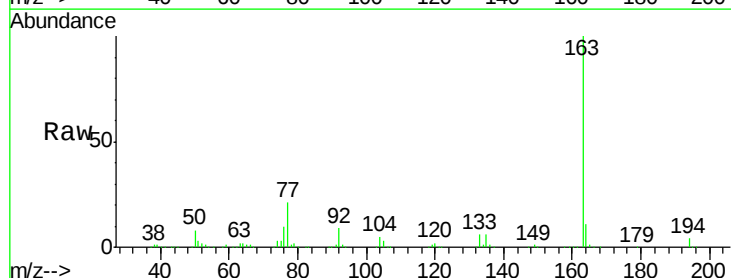
Tgt Ion:163 Resp: 467241

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

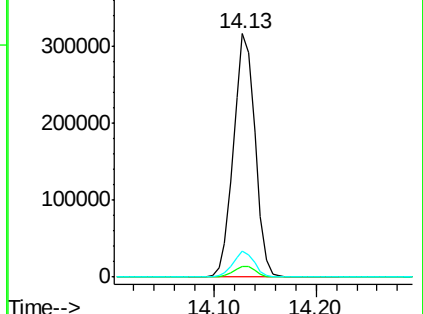
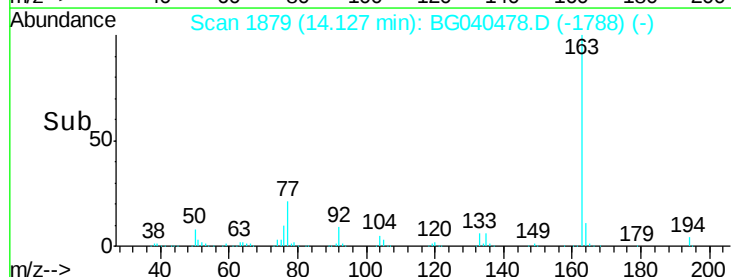
164 10.8 8.6 13.0

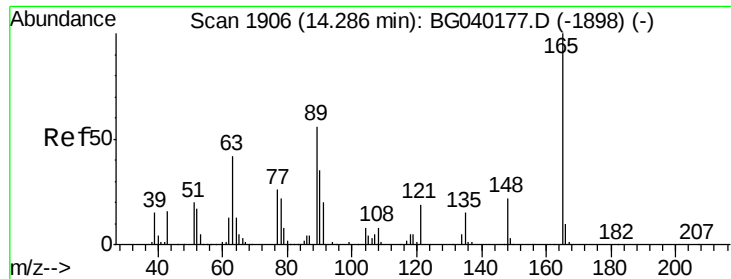


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

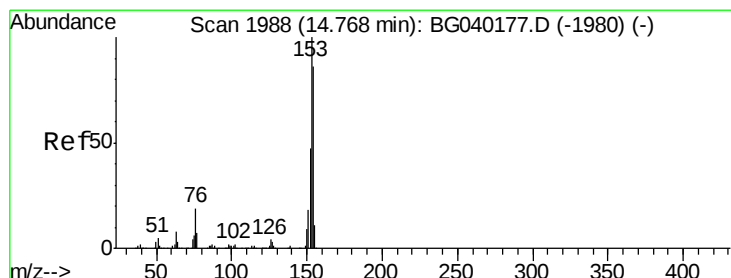
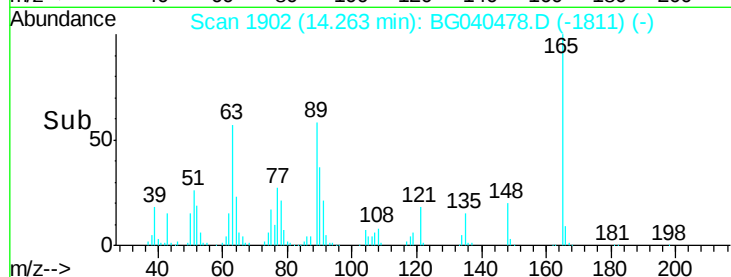
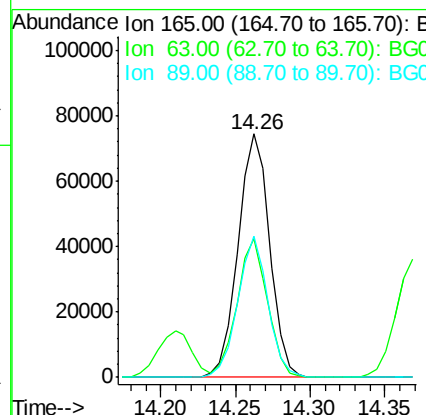
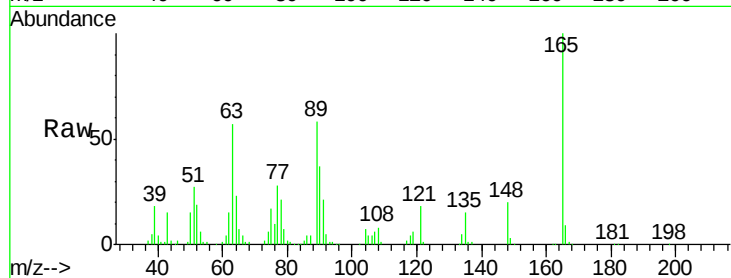




#51
 2,6-Dinitrotoluene
 Concen: 43.201 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

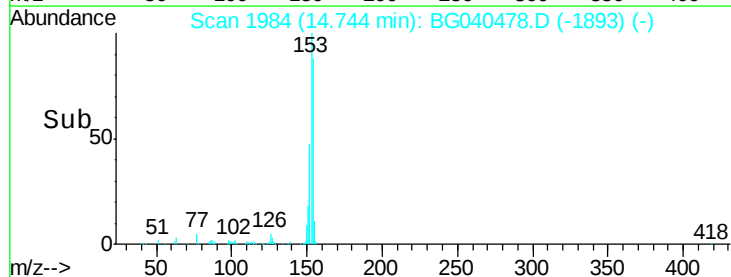
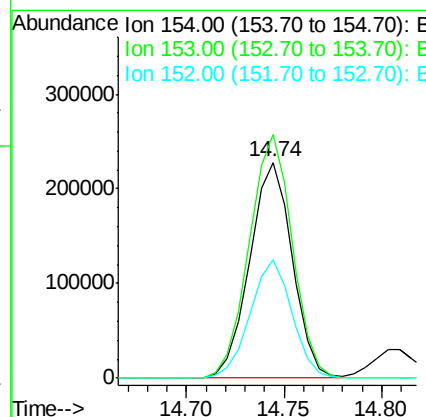
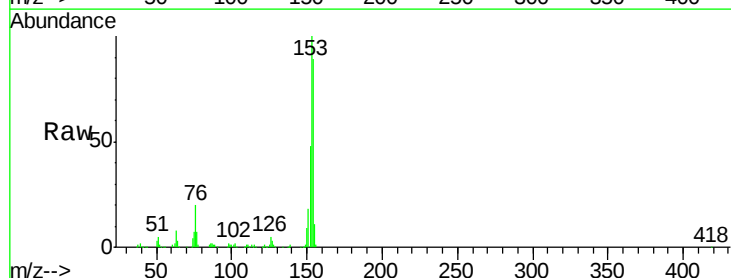
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:165 Resp: 109478
 Ion Ratio Lower Upper
 165 100
 63 57.1 44.1 66.1
 89 58.1 44.9 67.3



#52
 Acenaphthene
 Concen: 40.557 ng
 RT: 14.74 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:154 Resp: 344387
 Ion Ratio Lower Upper
 154 100
 153 113.0 92.8 139.2
 152 54.6 43.4 65.2





#53

3-Nitroaniline

Concen: 18.592 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

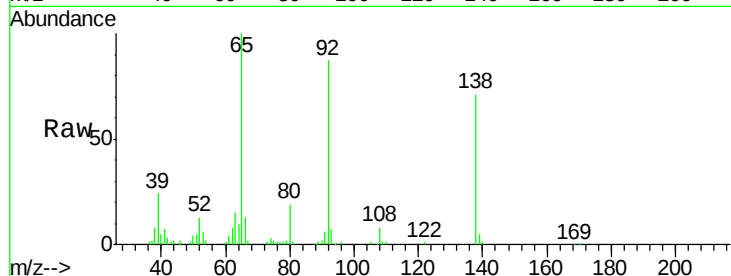
Tgt Ion:138 Resp: 49872

Ion Ratio Lower Upper

138 100

108 10.9 7.8 11.8

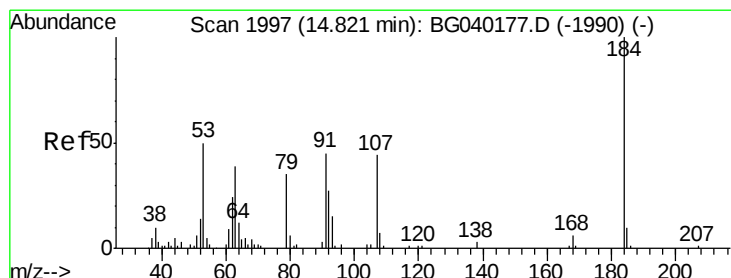
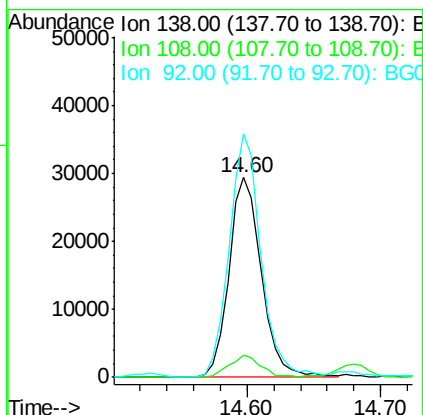
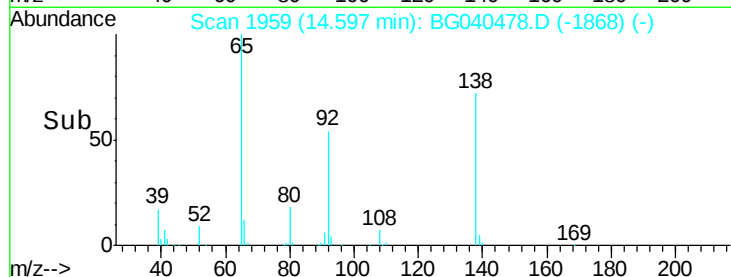
92 121.8 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGD



#54

2,4-Dinitrophenol

Concen: 70.015 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

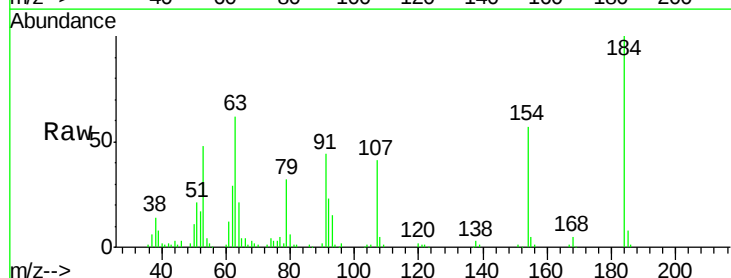
Tgt Ion:184 Resp: 94362

Ion Ratio Lower Upper

184 100

63 62.3 51.8 77.8

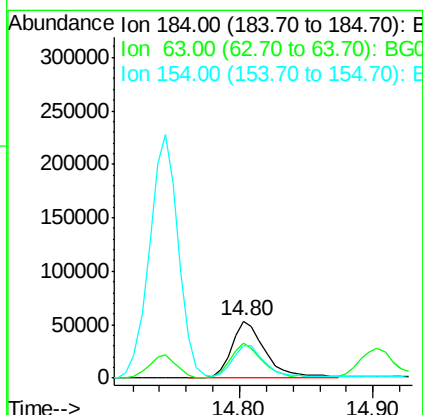
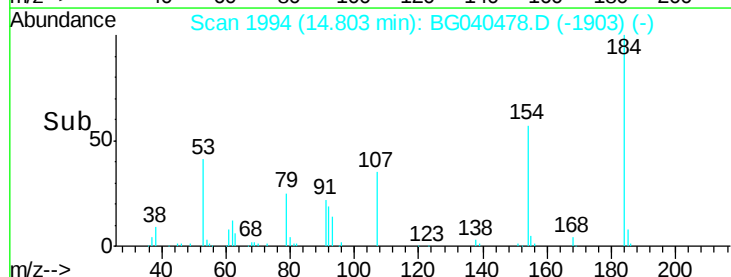
154 56.9 50.9 76.3

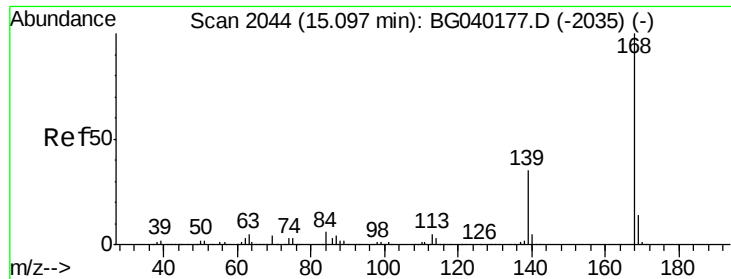


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGD

Ion 154.00 (153.70 to 154.70): E

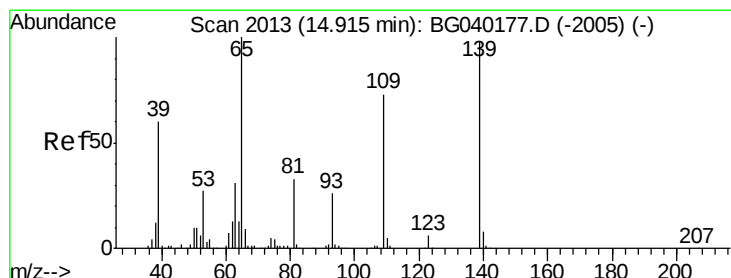
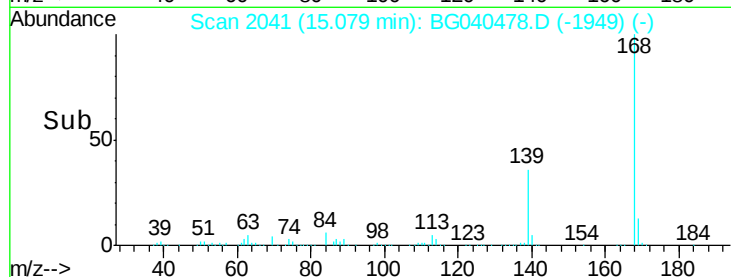
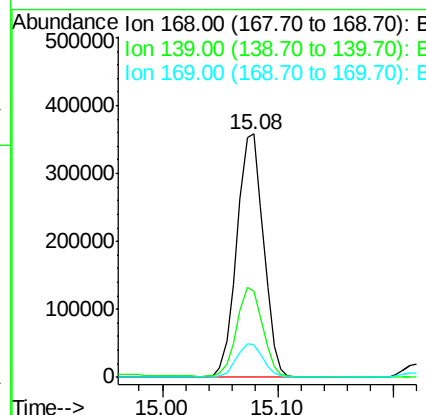
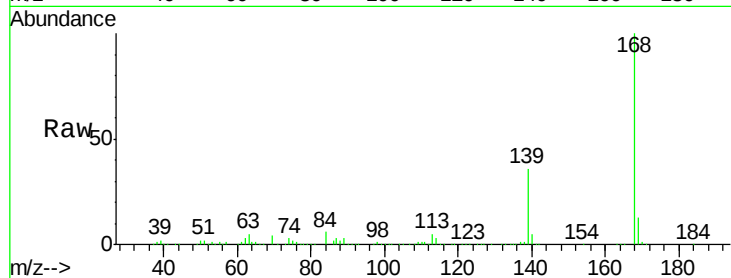




#55
Dibenzenofuran
Concen: 42.070 ng
RT: 15.08 min Scan# 2041
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

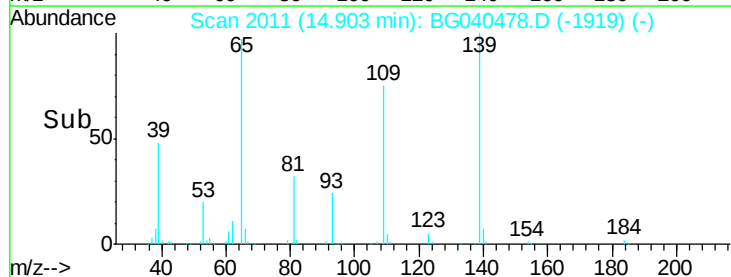
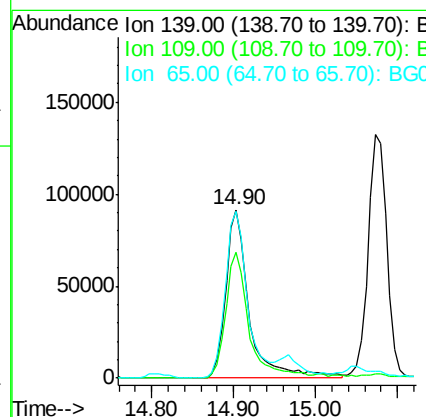
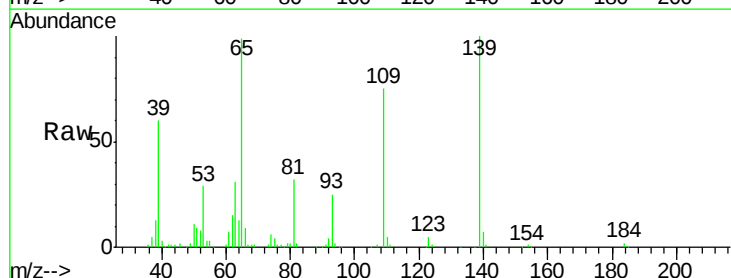
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

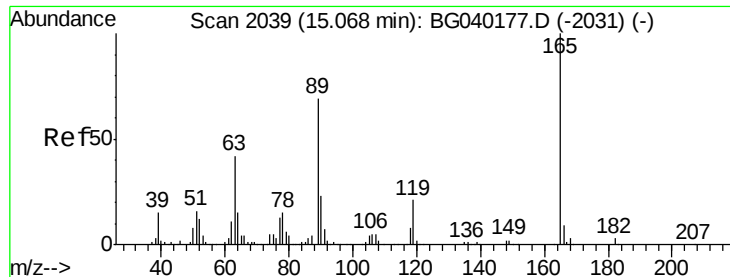
Tgt Ion:168 Resp: 574021
Ion Ratio Lower Upper
168 100
139 35.6 27.9 41.9
169 13.3 11.3 16.9



#56
4-Nitrophenol
Concen: 84.336 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:139 Resp: 182589
Ion Ratio Lower Upper
139 100
109 74.9 54.3 94.3
65 98.9 82.5 122.5

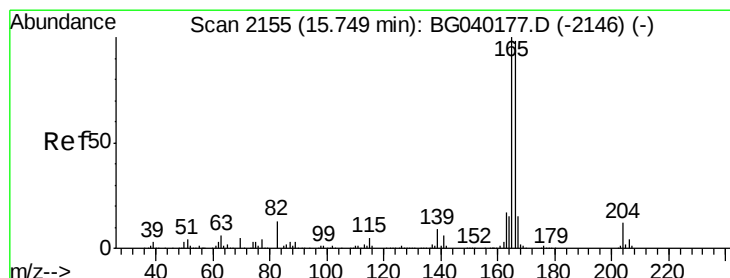
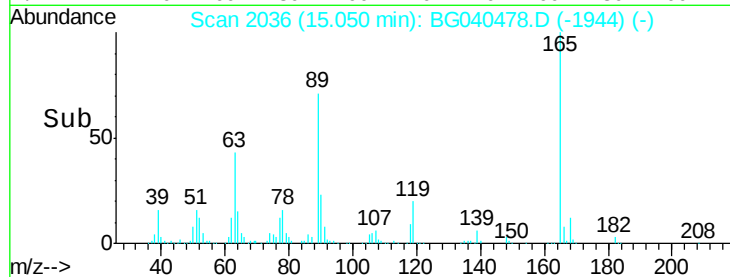
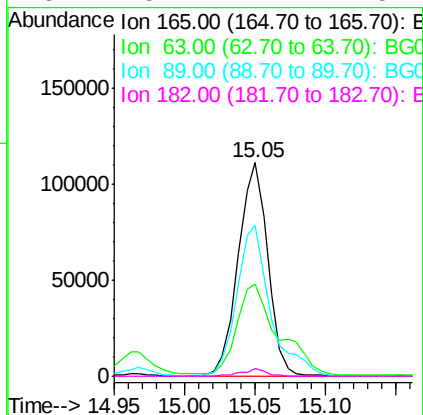
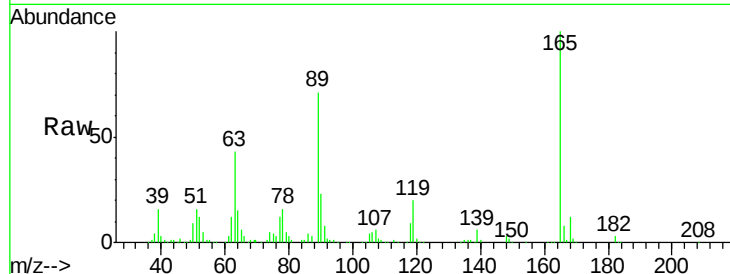




#57
 2,4-Dinitrotoluene
 Concen: 46.210 ng
 RT: 15.05 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

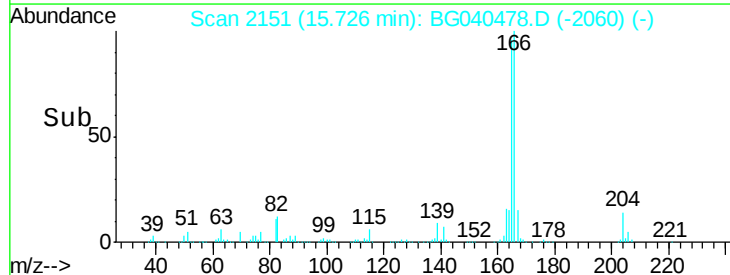
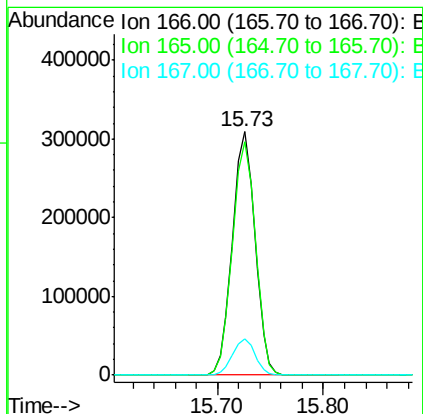
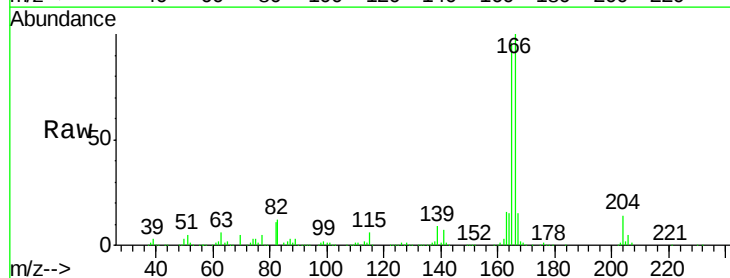
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:165 Resp: 162716
 Ion Ratio Lower Upper
 165 100
 63 43.0 33.8 50.6
 89 70.7 55.4 83.2
 182 3.4 2.2 3.4#



#58
 Fluorene
 Concen: 42.675 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:166 Resp: 457790
 Ion Ratio Lower Upper
 166 100
 165 96.1 81.7 122.5
 167 15.0 11.9 17.9

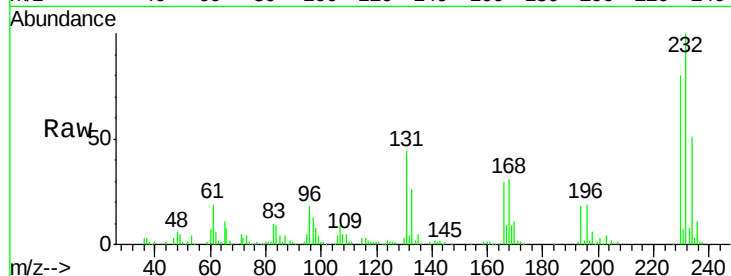




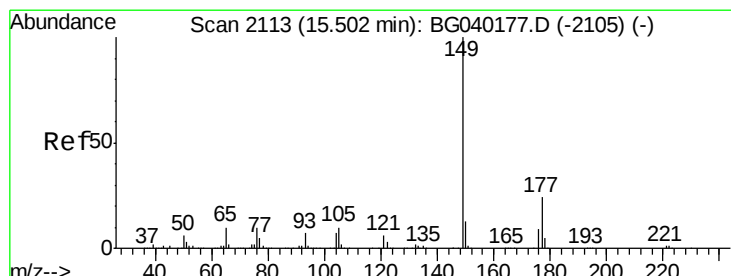
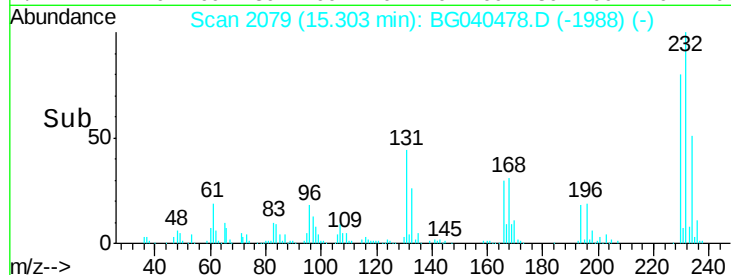
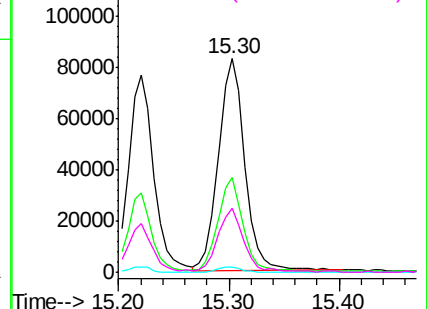
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.806 ng
 RT: 15.30 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion: 232 Resp: 136809
 Ion Ratio Lower Upper
 232 100
 131 42.3 32.9 49.3
 130 2.4 1.8 2.8
 166 28.3 23.5 35.3

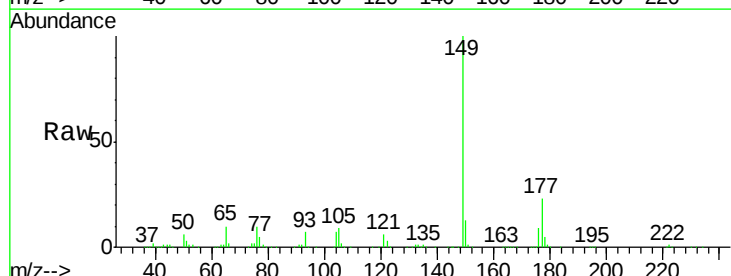


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

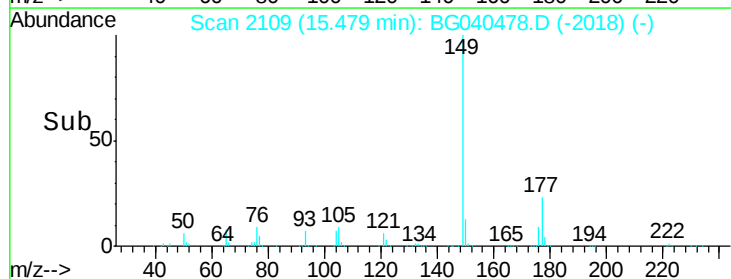
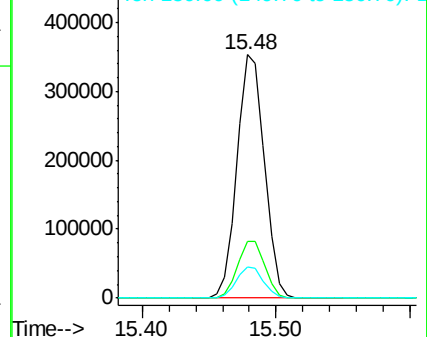


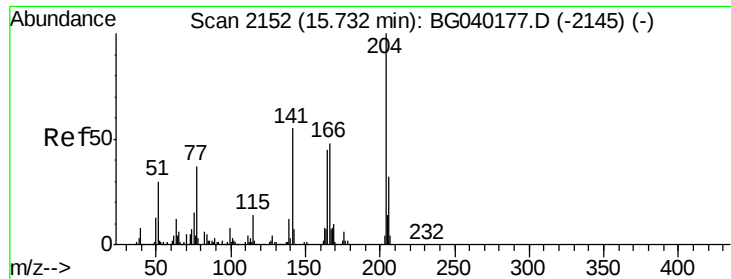
#60
 Diethylphthalate
 Concen: 43.640 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 149 Resp: 504008
 Ion Ratio Lower Upper
 149 100
 177 23.4 19.1 28.7
 150 12.8 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

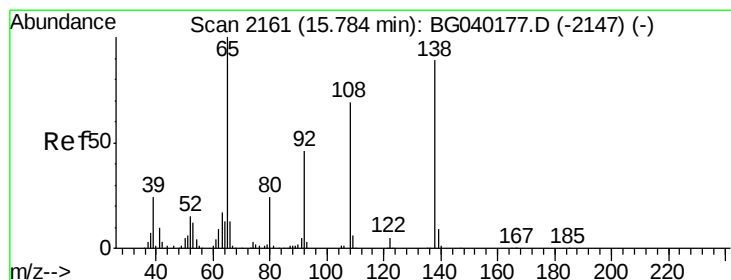
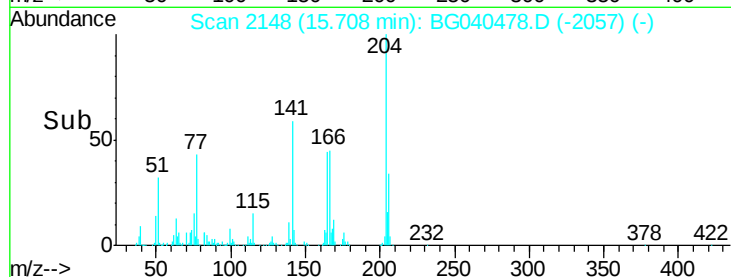
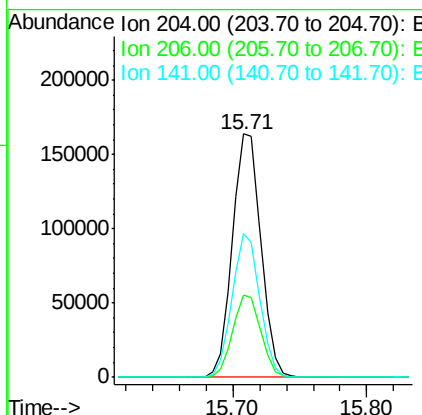
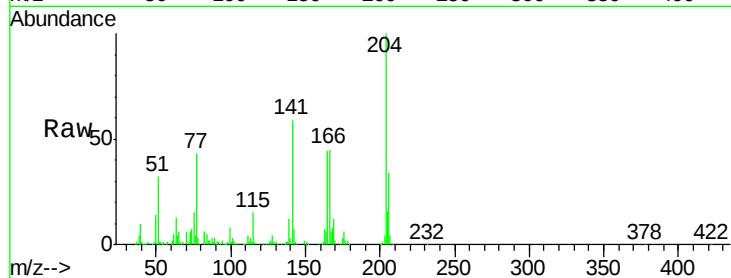




#61
 4-Chlorophenyl-phenylether
 Concen: 42.565 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

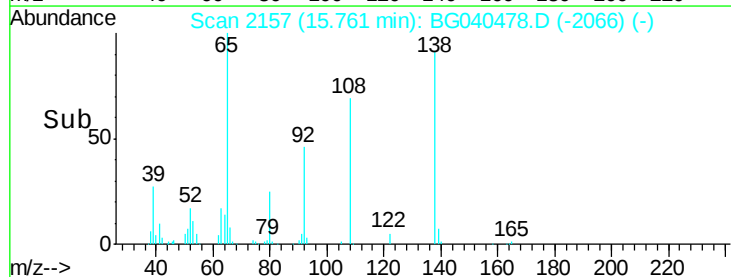
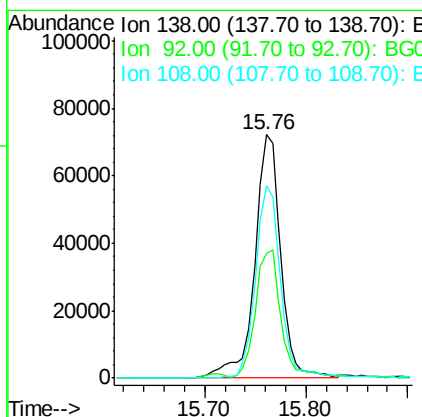
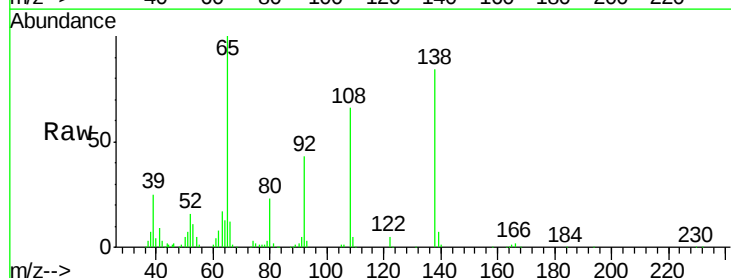
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

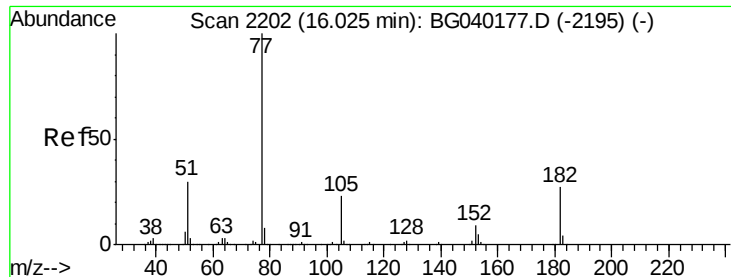
Tgt Ion: 204 Resp: 244074
 Ion Ratio Lower Upper
 204 100
 206 33.9 25.7 38.5
 141 59.1 44.0 66.0



#62
 4-Nitroaniline
 Concen: 44.712 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion: 138 Resp: 128717
 Ion Ratio Lower Upper
 138 100
 92 51.1 31.8 71.8
 108 79.0 57.2 97.2





#63

Azobenzene

Concen: 42.939 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

Tgt Ion: 77 Resp: 467768

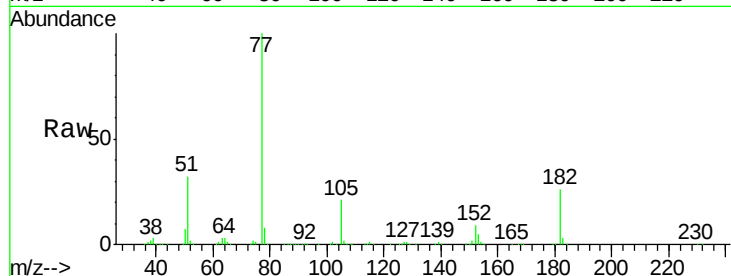
Ion Ratio Lower Upper

77 100

182 26.5 7.2 47.2

105 21.5 2.8 42.8

51 32.0 10.4 50.4

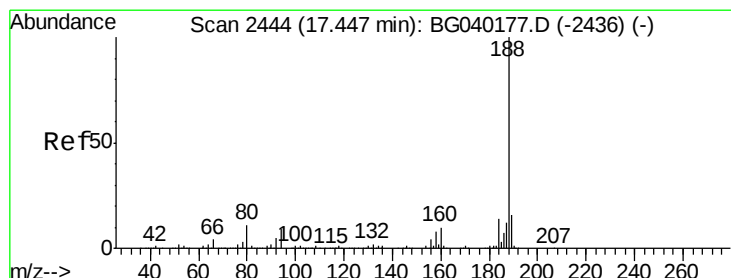
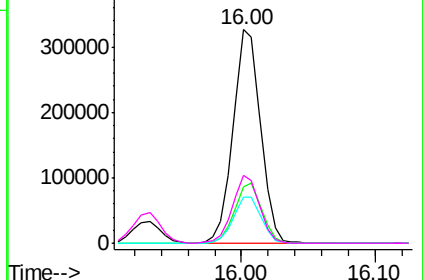
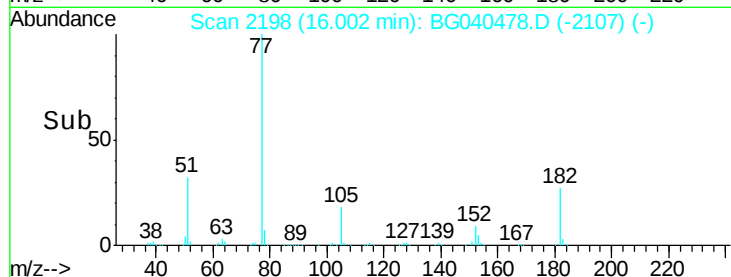


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

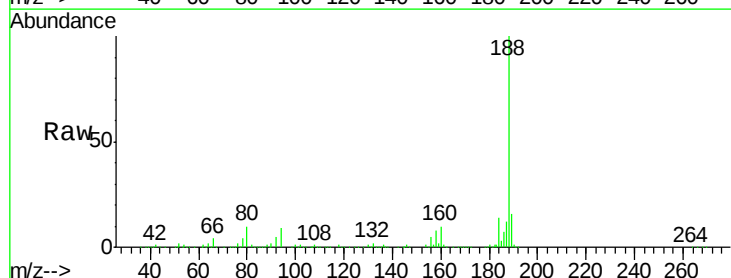
Tgt Ion: 188 Resp: 390786

Ion Ratio Lower Upper

188 100

94 9.1 7.0 10.4

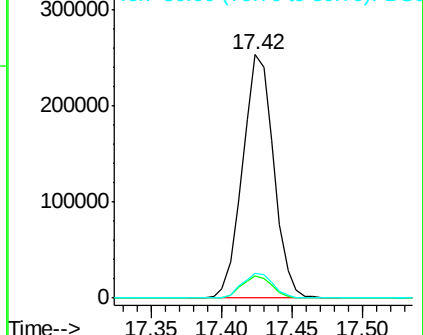
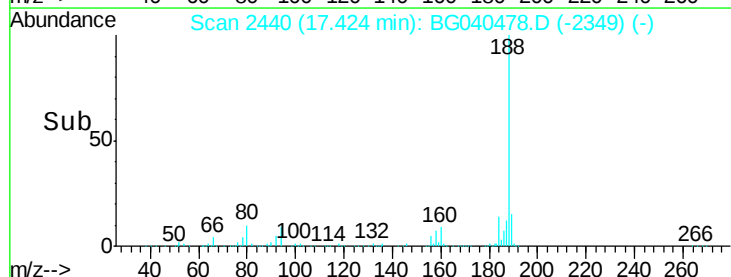
80 10.4 8.6 13.0

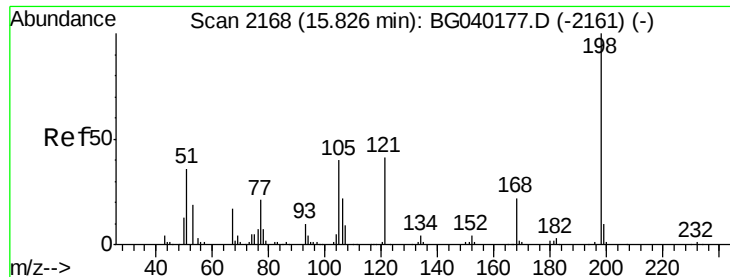


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

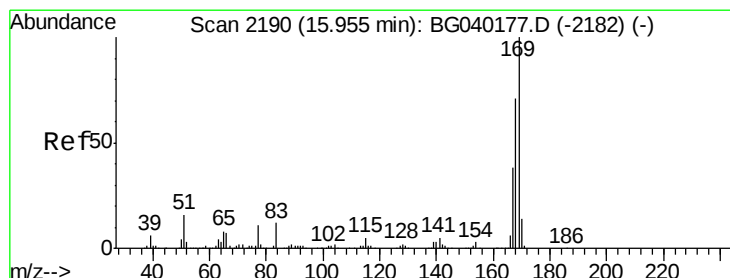
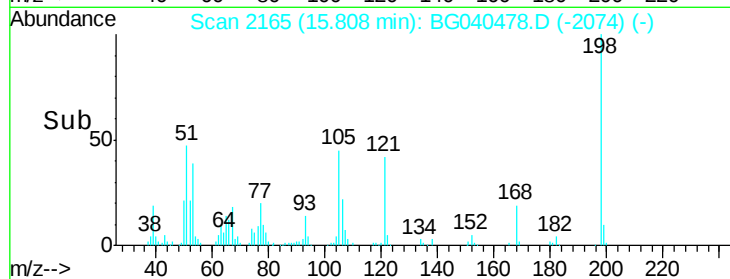
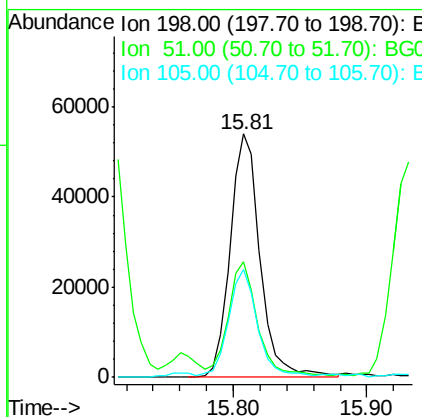
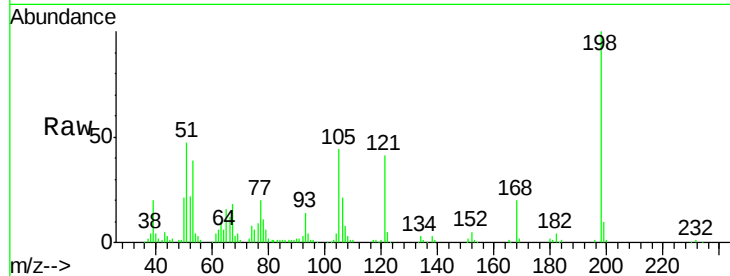




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.474 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

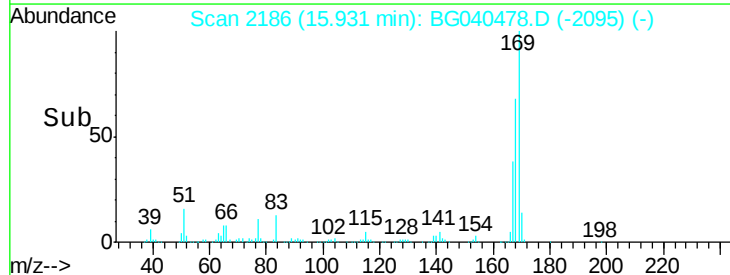
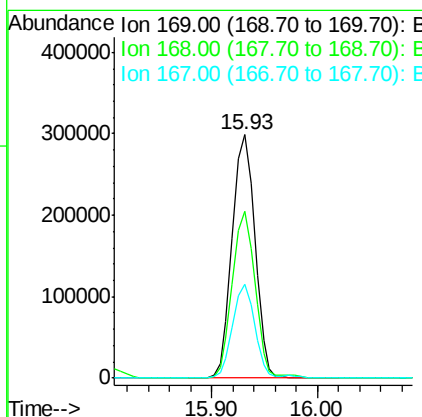
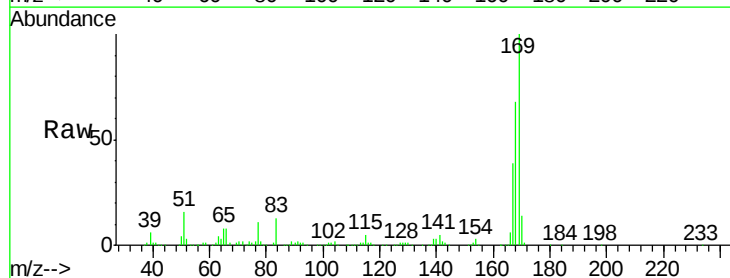
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

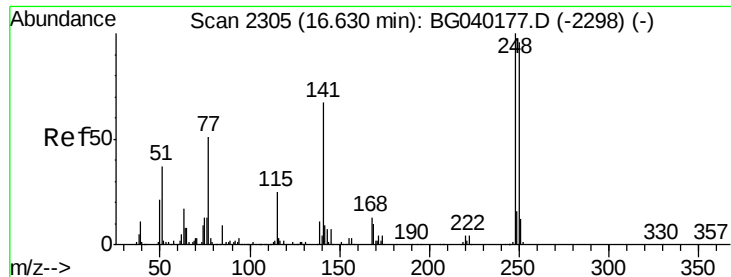
Tgt Ion:198 Resp: 84469
 Ion Ratio Lower Upper
 198 100
 51 47.3 27.3 67.3
 105 44.3 21.7 61.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.964 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:169 Resp: 445568
 Ion Ratio Lower Upper
 169 100
 168 68.3 56.8 85.2
 167 38.6 30.2 45.4

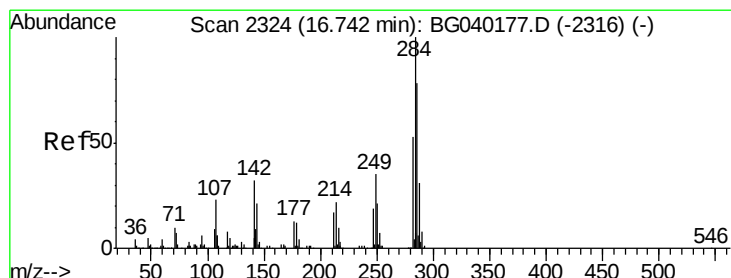
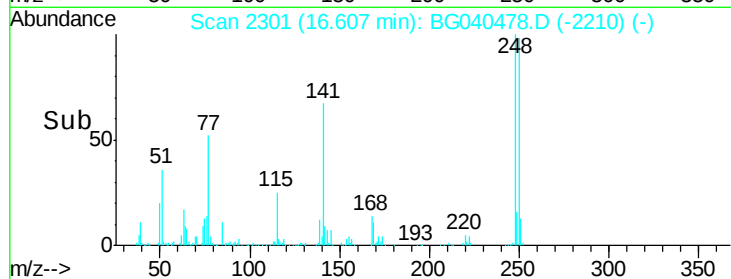
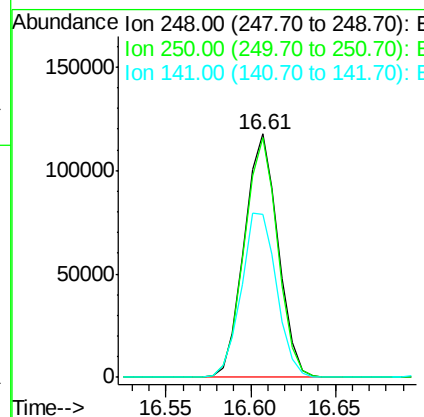
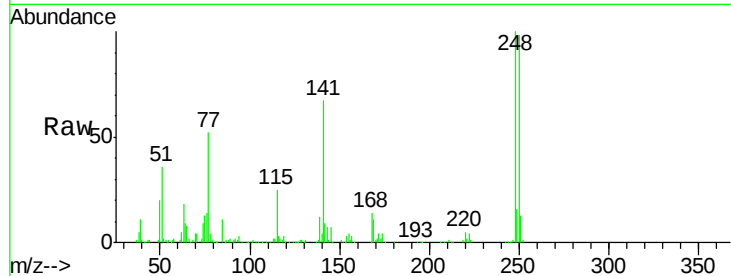




#67
 4-Bromophenyl-phenylether
 Concen: 37.278 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

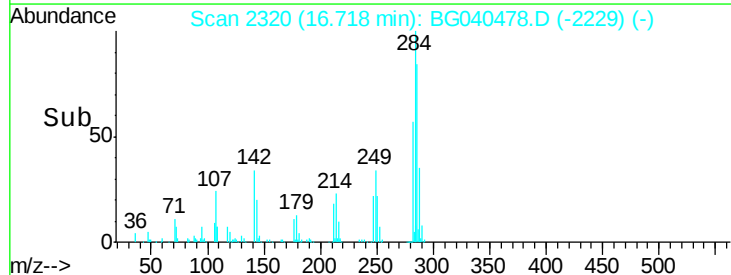
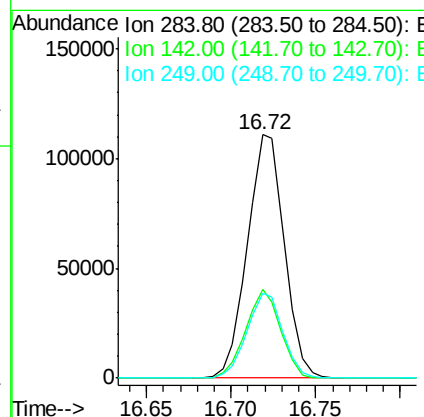
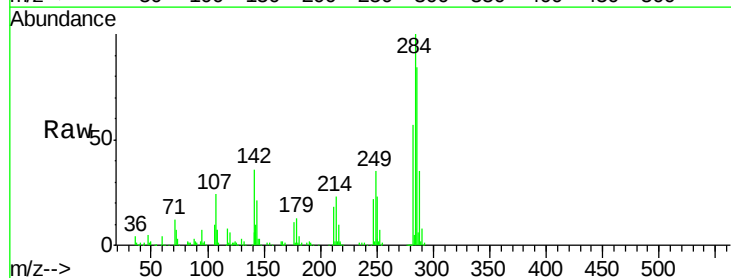
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

Tgt Ion:248 Resp: 163936
 Ion Ratio Lower Upper
 248 100
 250 98.4 76.4 114.6
 141 67.2 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 37.955 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:284 Resp: 167823
 Ion Ratio Lower Upper
 284 100
 142 36.2 25.3 37.9
 249 34.7 28.2 42.2





#69

Atrazine

Concen: 41.540 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

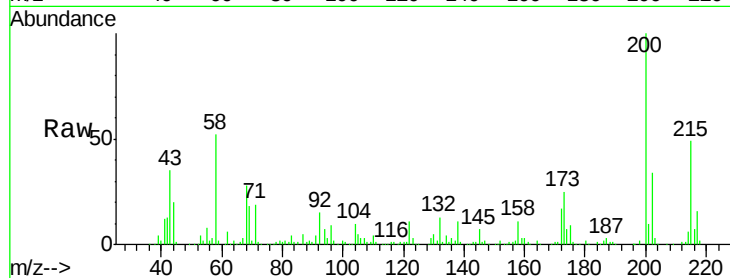
Tgt Ion:200 Resp: 176706

Ion Ratio Lower Upper

200 100

173 25.1 7.1 47.1

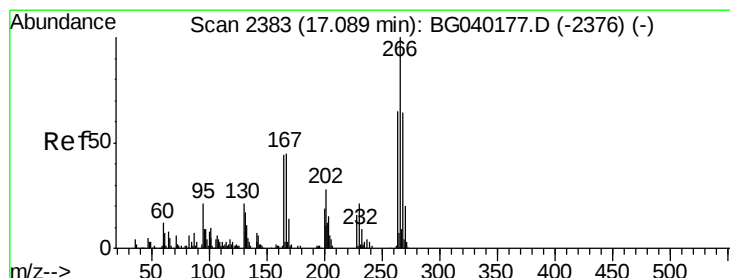
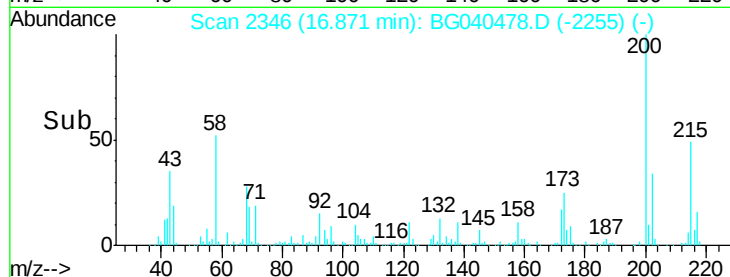
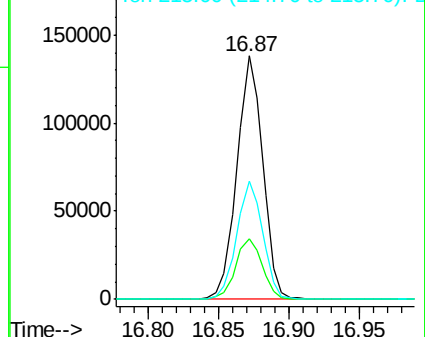
215 48.6 30.9 70.9



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: 69.491 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

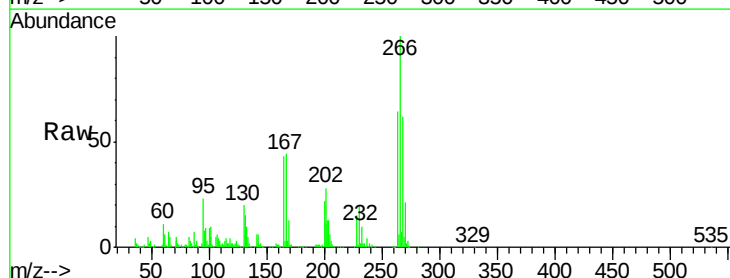
Tgt Ion:266 Resp: 177645

Ion Ratio Lower Upper

266 100

268 62.3 55.0 82.4

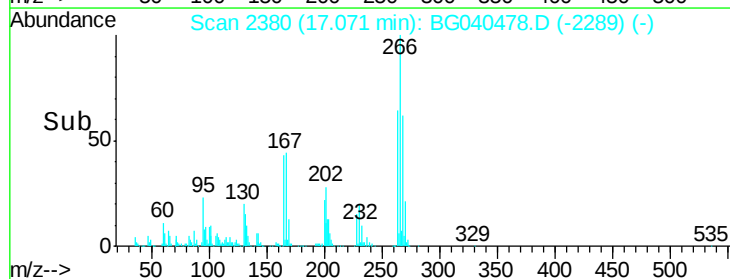
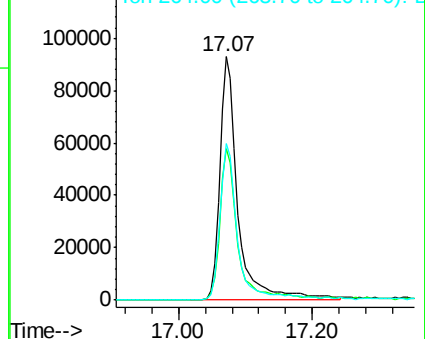
264 64.1 51.8 77.8

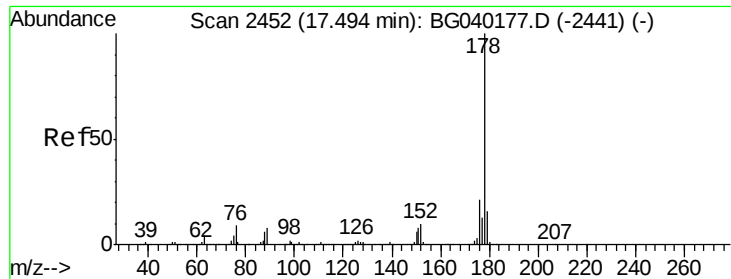


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

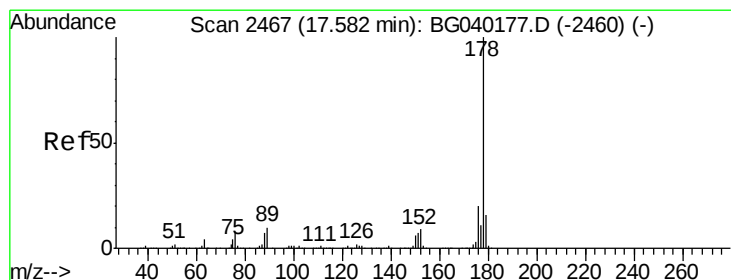
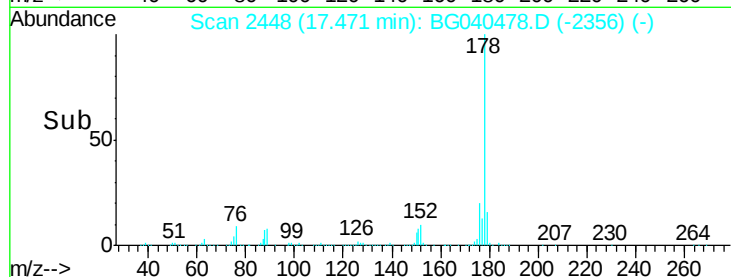
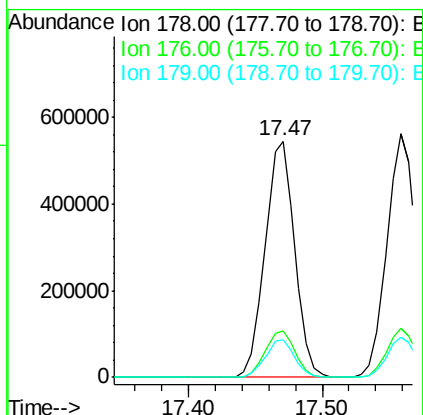
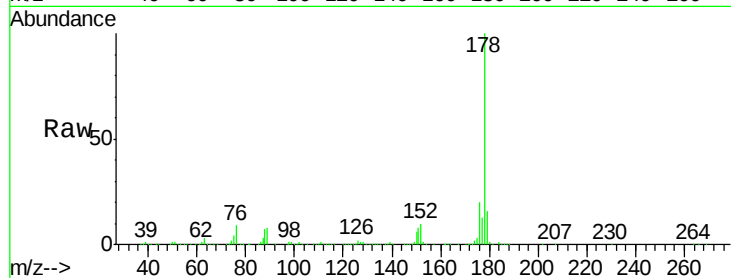




#71
Phenanthrene
Concen: 40.800 ng
RT: 17.47 min Scan# 2448
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

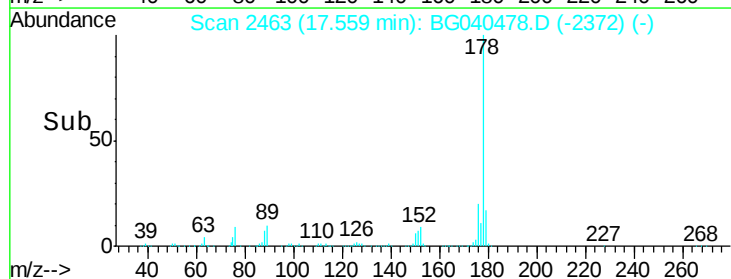
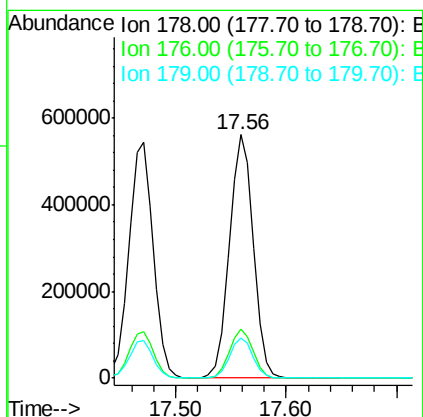
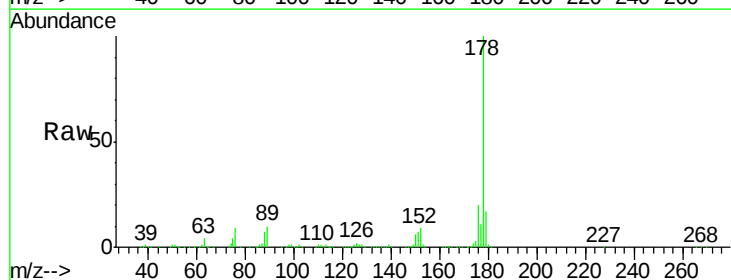
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

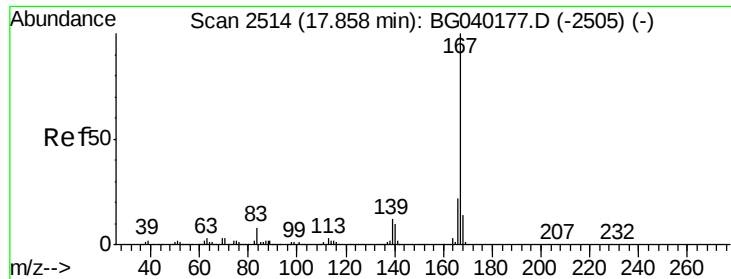
Tgt Ion:178 Resp: 838041
Ion Ratio Lower Upper
178 100
176 19.6 16.7 25.1
179 15.7 12.8 19.2



#72
Anthracene
Concen: 41.326 ng
RT: 17.56 min Scan# 2463
Delta R.T. 0.00 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:178 Resp: 849637
Ion Ratio Lower Upper
178 100
176 20.1 15.9 23.9
179 16.6 12.9 19.3

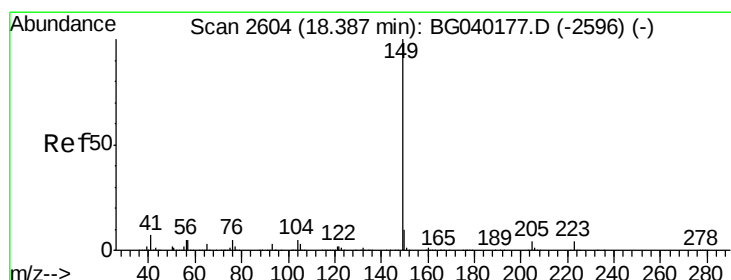
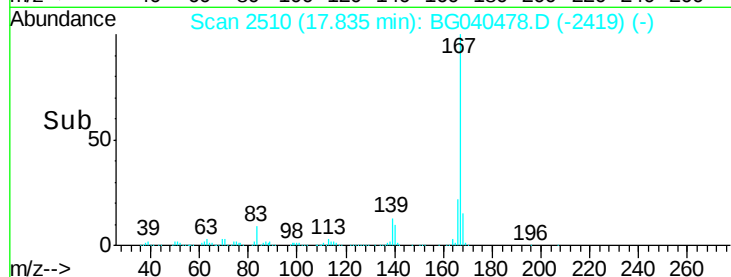
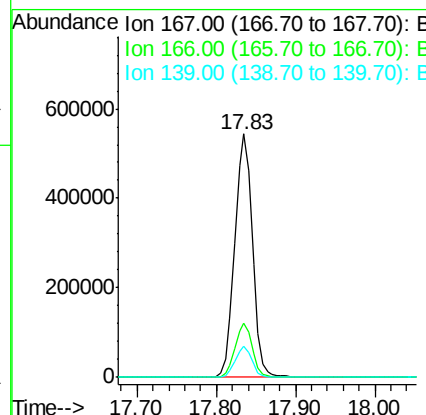
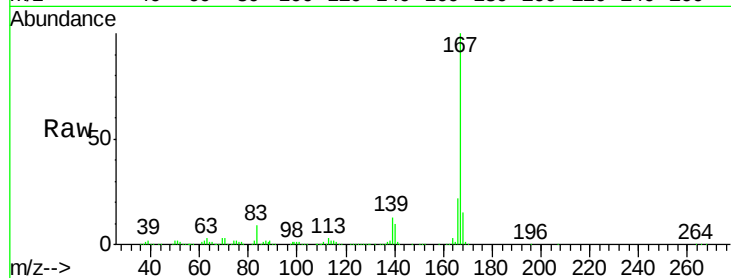




#73
 Carbazole
 Concen: 43.254 ng
 RT: 17.83 min Scan# 2510
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

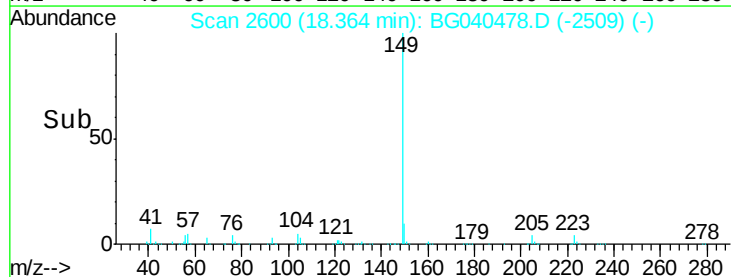
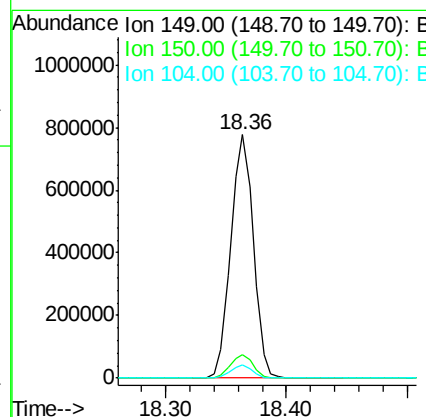
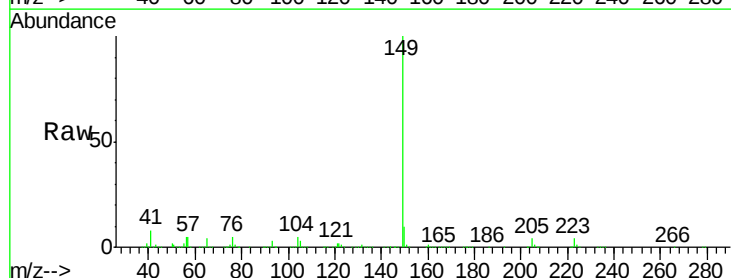
Instrument :
 BNA_G
 ClientSampleId :
 PB118717BSD

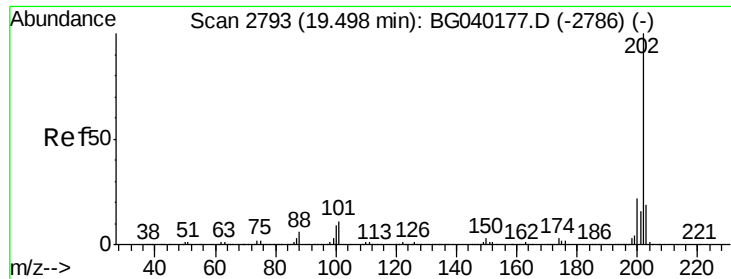
Tgt Ion:167 Resp: 841594
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 43.652 ng
 RT: 18.36 min Scan# 2600
 Delta R.T. 0.00 min
 Lab File: BG040478.D
 Acq: 15 Apr 2019 13:38

Tgt Ion:149 Resp: 1006768
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.9 11.9
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 44.635 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

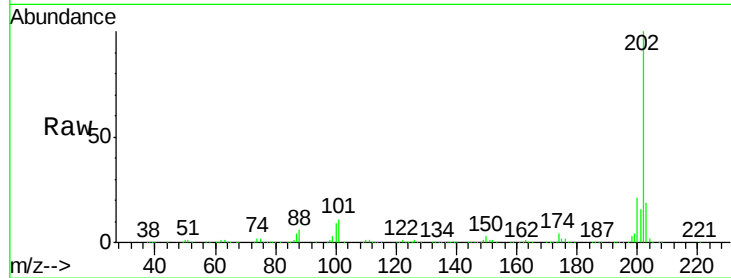
Tgt Ion:202 Resp: 1085636

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

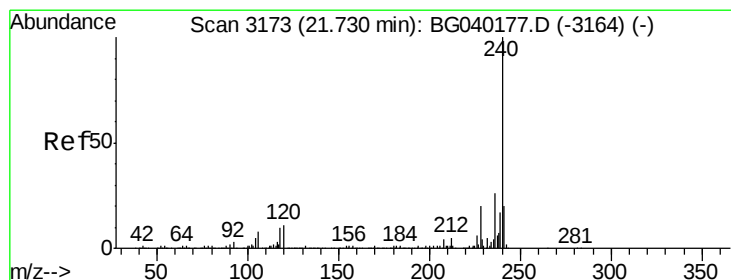
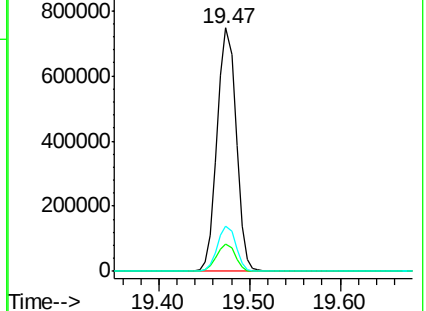
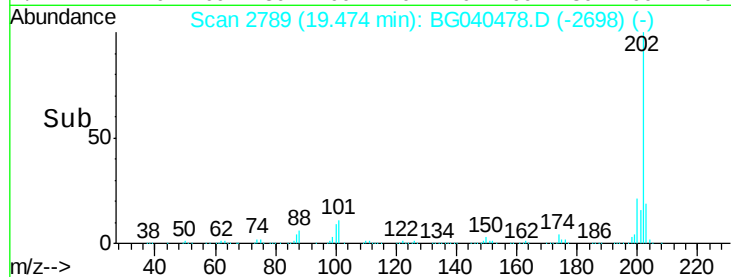
203 18.7 0.0 38.9



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# 3168

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

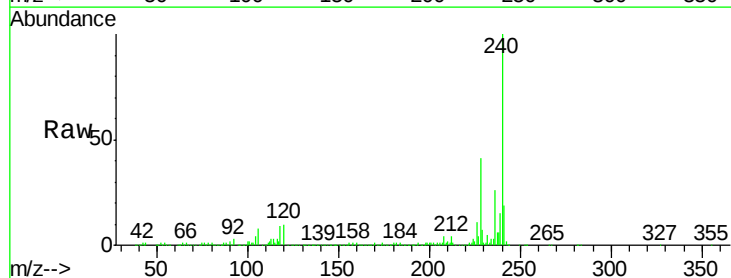
Tgt Ion:240 Resp: 434244

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

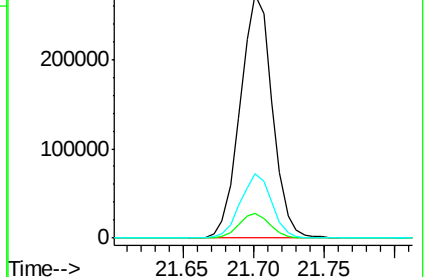
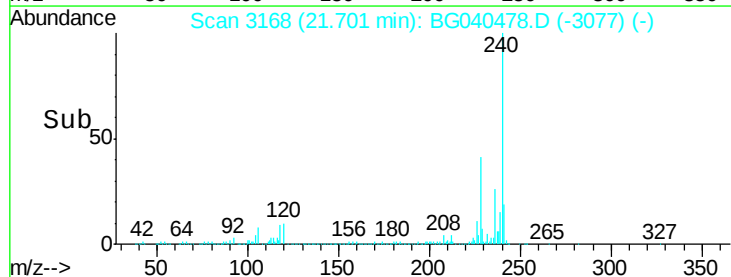
236 26.2 20.8 31.2

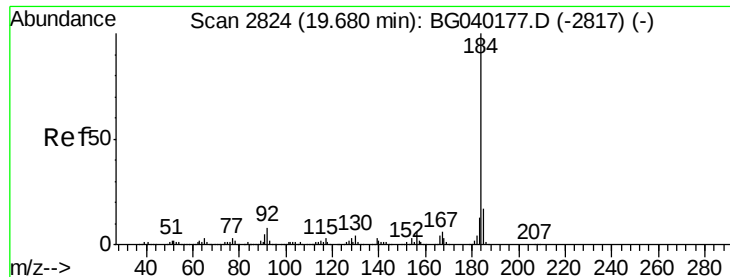


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.114 ng

RT: 19.66 min Scan# 2821

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

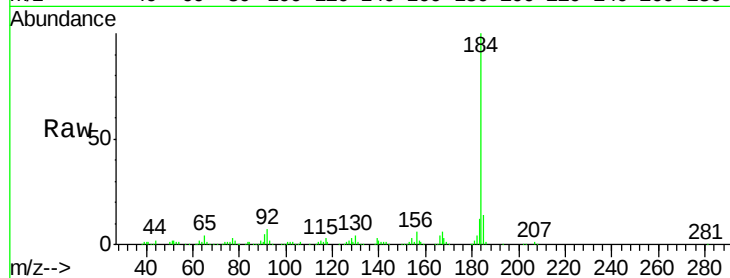
Tgt Ion:184 Resp: 189954

Ion Ratio Lower Upper

184 100

185 14.3 13.3 19.9

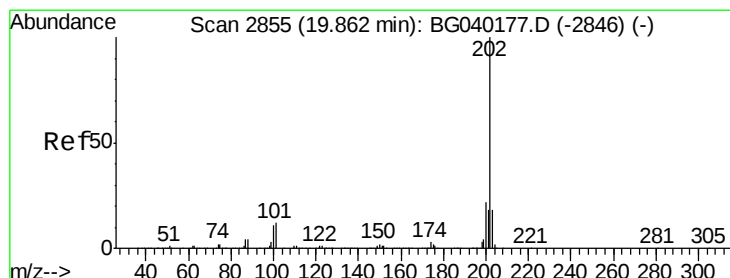
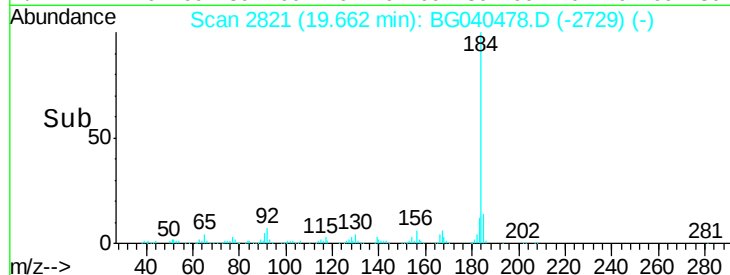
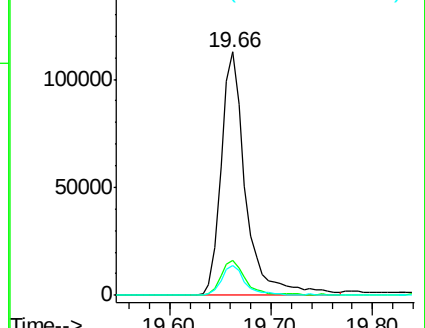
183 12.4 10.3 15.5



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: 38.458 ng

RT: 19.84 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

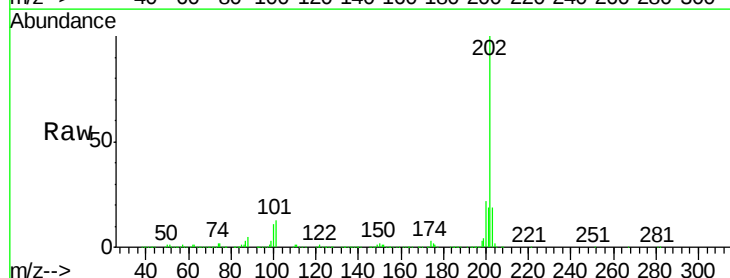
Tgt Ion:202 Resp: 1098219

Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

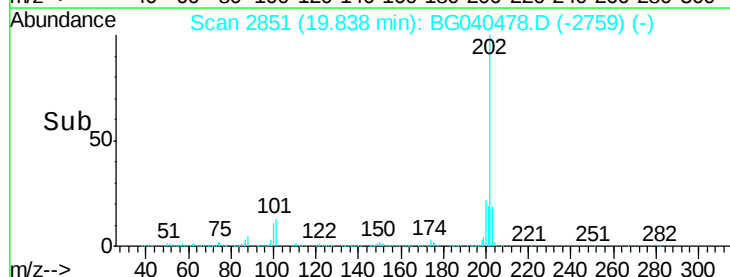
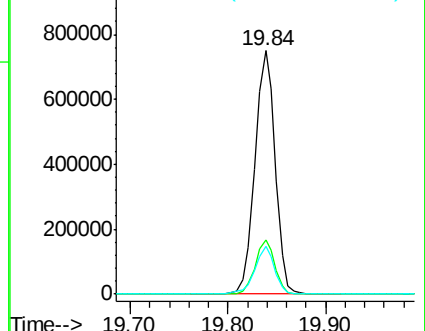
203 19.5 14.6 22.0



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: 71.378 ng

RT: 20.03 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

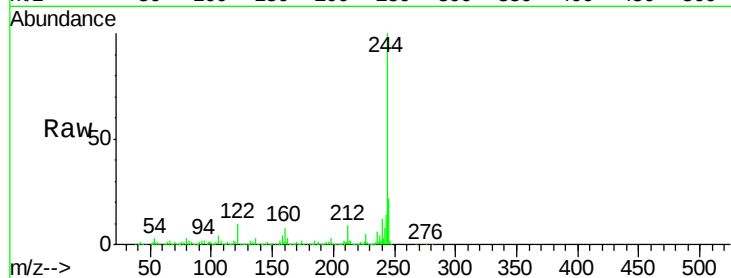
Tgt Ion:244 Resp: 1377780

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

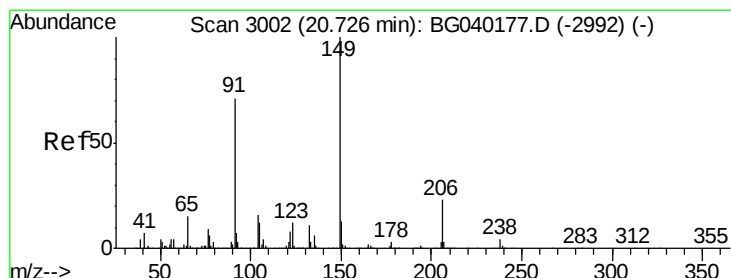
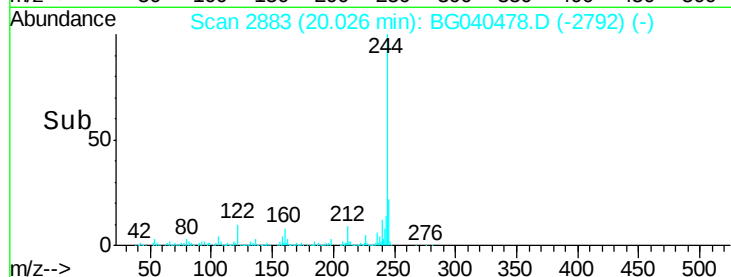
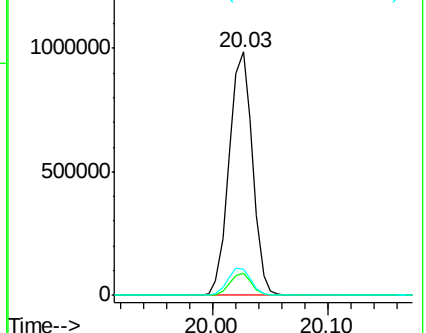
122 10.5 8.5 12.7



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: 40.140 ng

RT: 20.71 min Scan# 2999

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

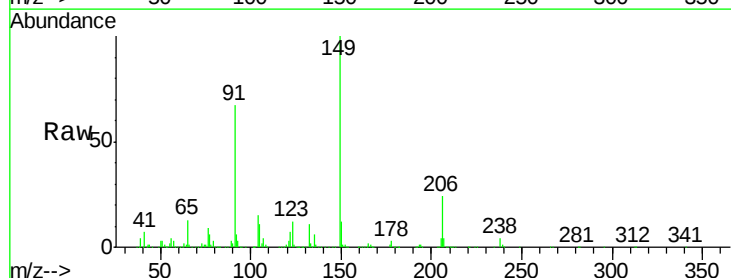
Tgt Ion:149 Resp: 490491

Ion Ratio Lower Upper

149 100

91 67.3 57.0 85.4

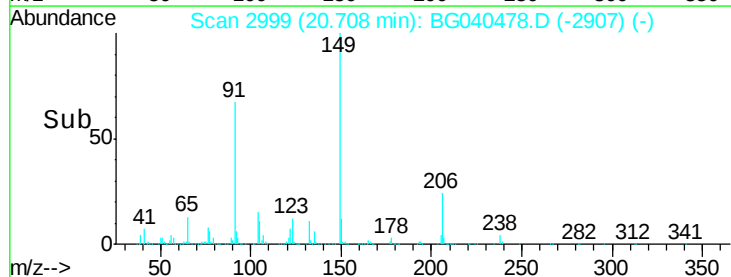
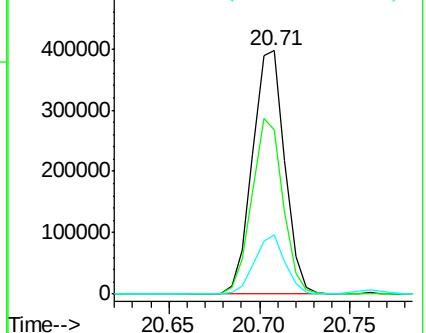
206 24.4 18.2 27.4

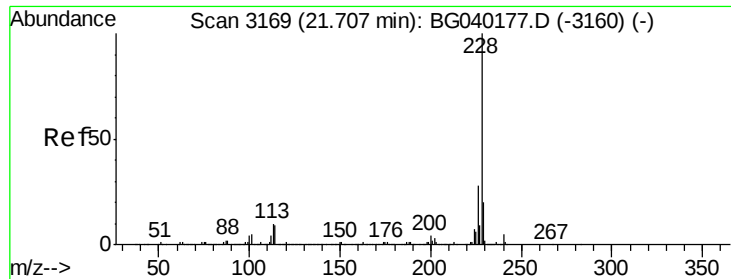


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.943 ng

RT: 21.68 min Scan# 3165

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

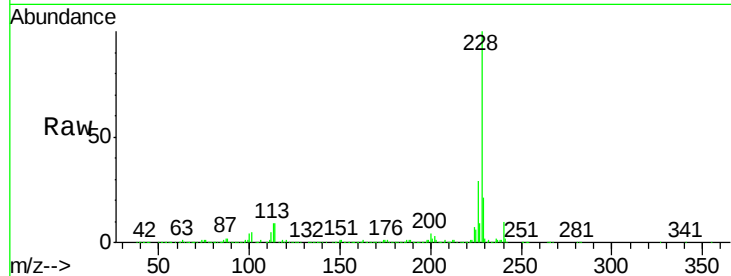
Tgt Ion:228 Resp: 1014875

Ion Ratio Lower Upper

228 100

226 28.7 22.6 34.0

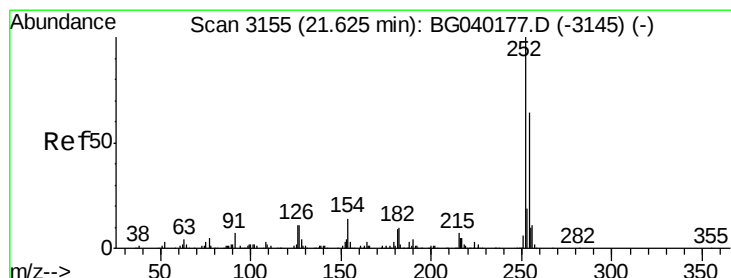
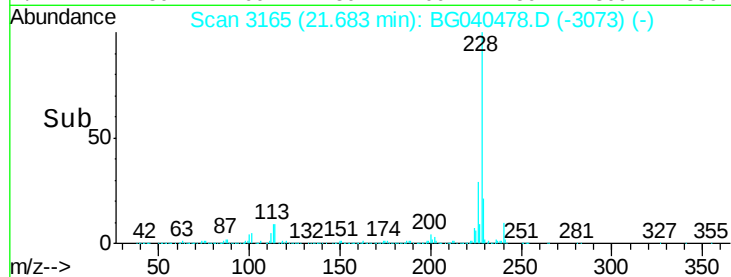
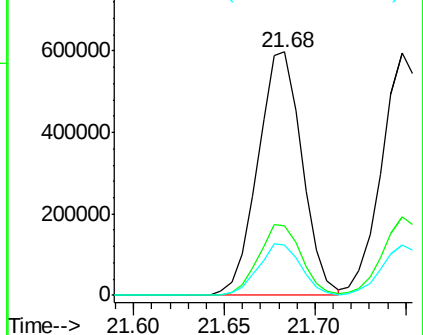
229 20.8 16.1 24.1



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: 17.474 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

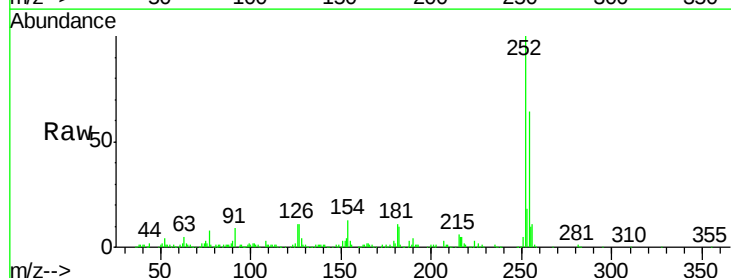
Tgt Ion:252 Resp: 177793

Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

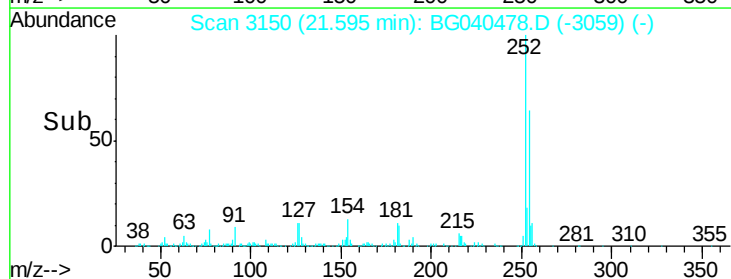
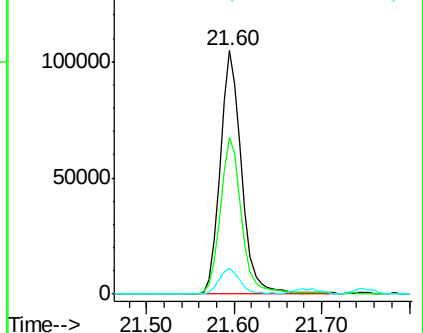
126 10.6 8.5 12.7

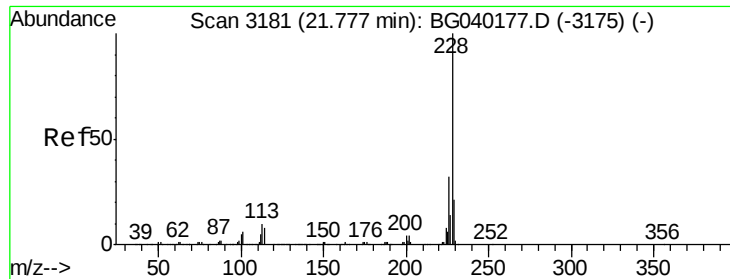


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.957 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

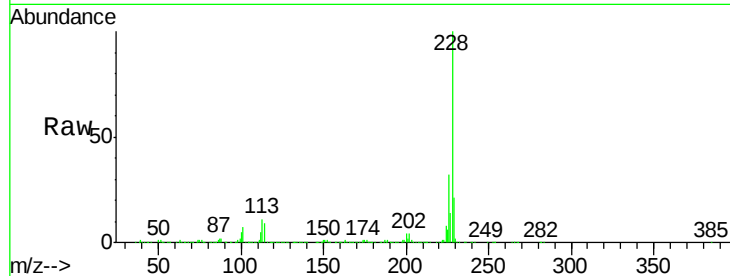
Tgt Ion:228 Resp: 1001405

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

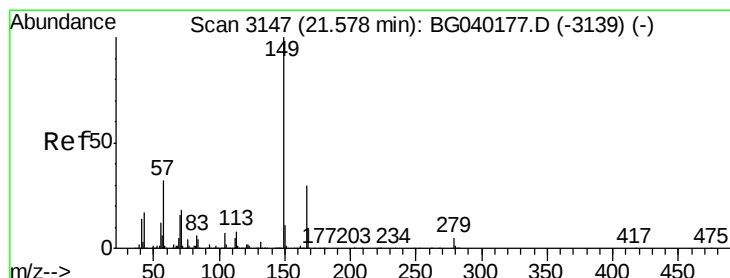
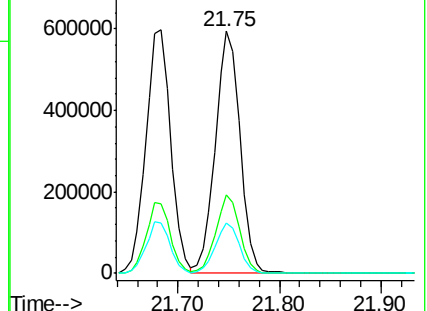
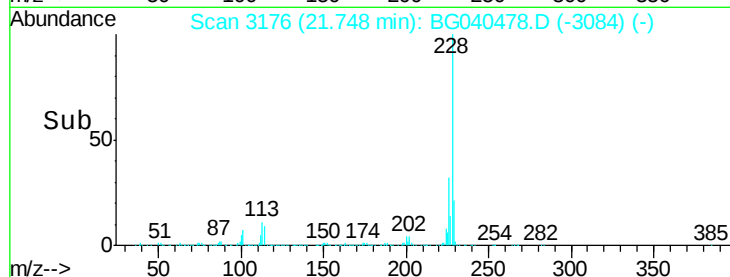
229 20.9 17.0 25.4



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: 40.362 ng

RT: 21.55 min Scan# 3142

Delta R.T. 0.01 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

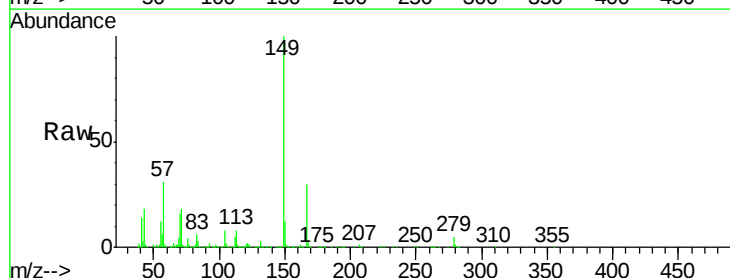
Tgt Ion:149 Resp: 705023

Ion Ratio Lower Upper

149 100

167 30.2 24.1 36.1

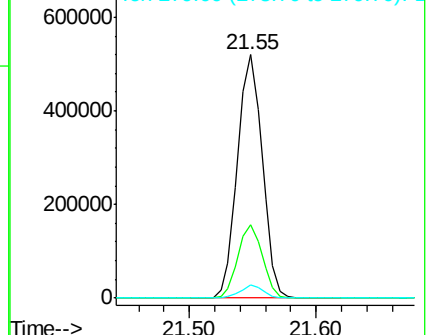
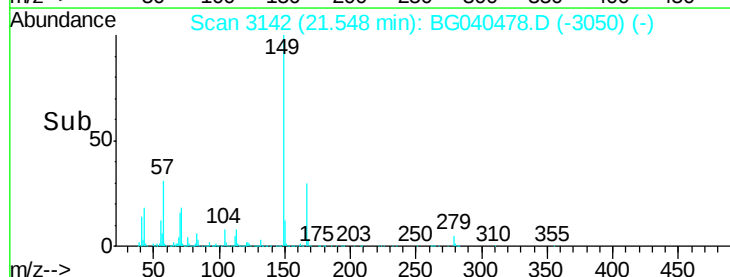
279 5.2 4.1 6.1

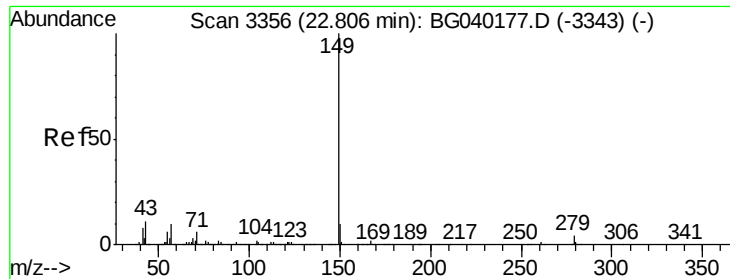


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

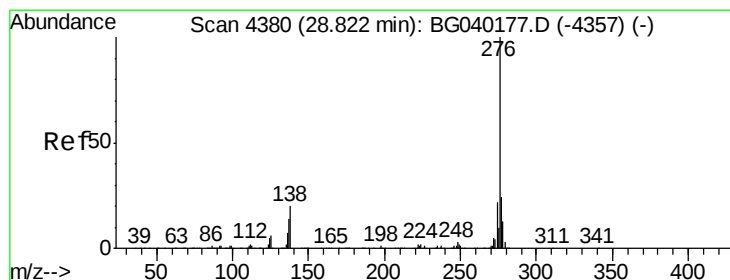
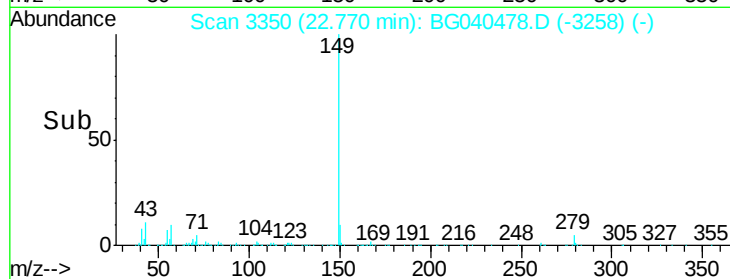
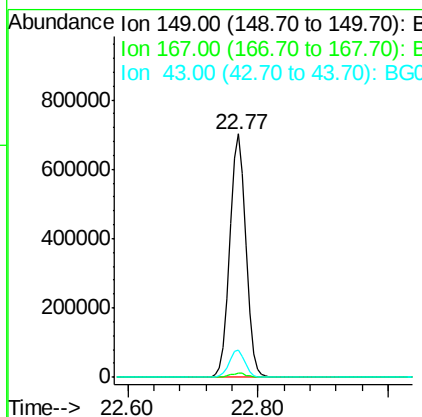
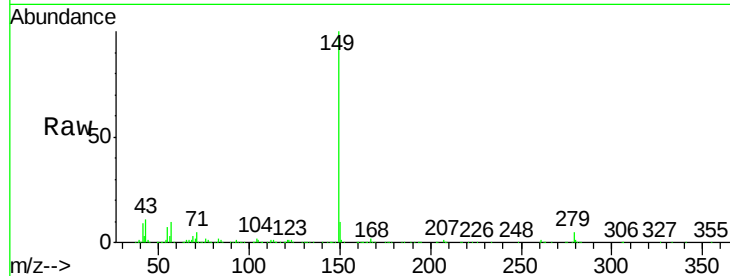




#85
Di-n-octyl phthalate
Concen: 40.338 ng
RT: 22.77 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

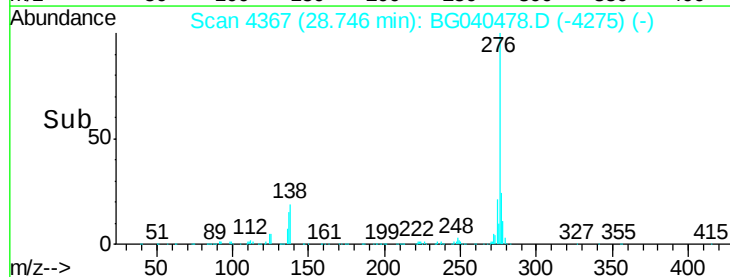
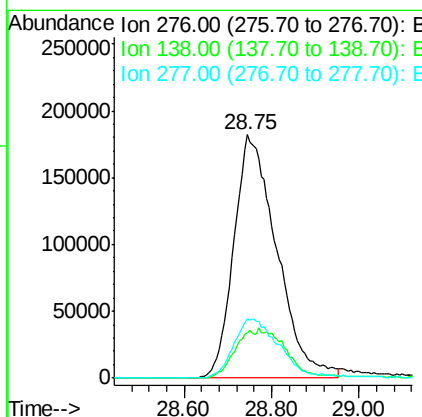
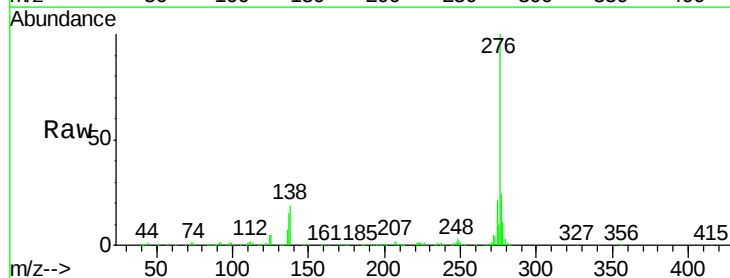
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

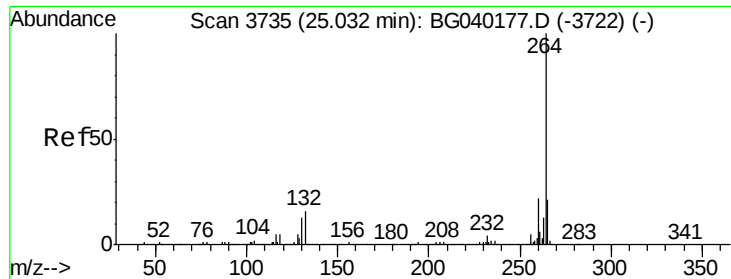
Tgt Ion:149 Resp: 1200498
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.0 8.7 13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.542 ng
RT: 28.75 min Scan# 4367
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:276 Resp: 1211755
Ion Ratio Lower Upper
276 100
138 9.8 18.8 28.2#
277 25.4 21.0 31.4

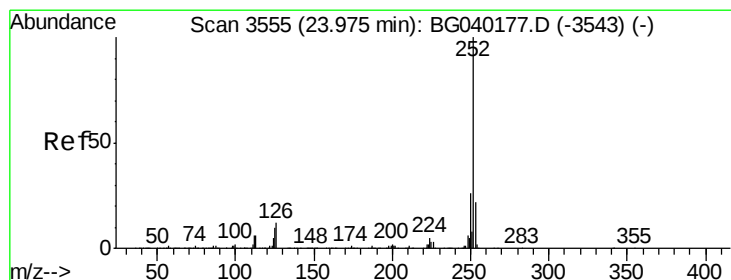
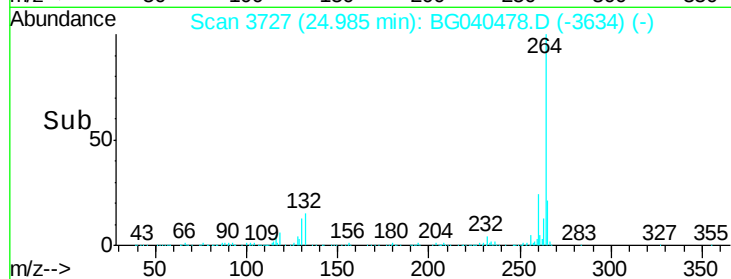
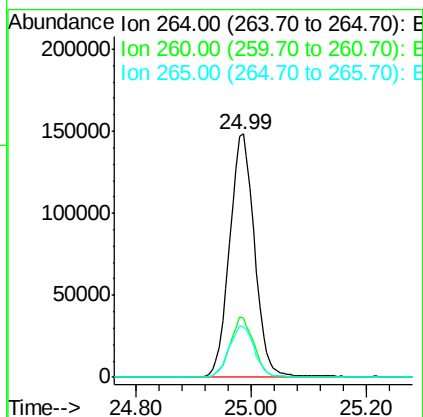
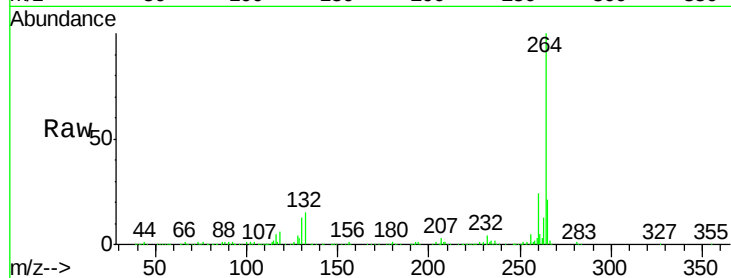




#87
Perylene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

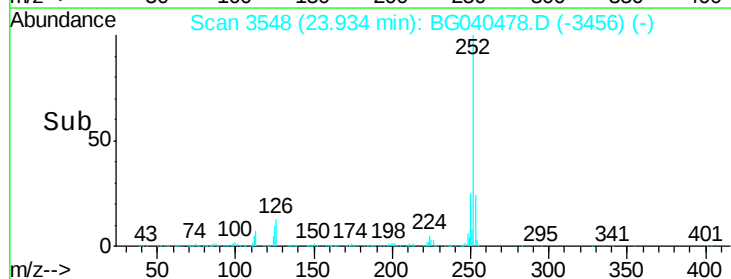
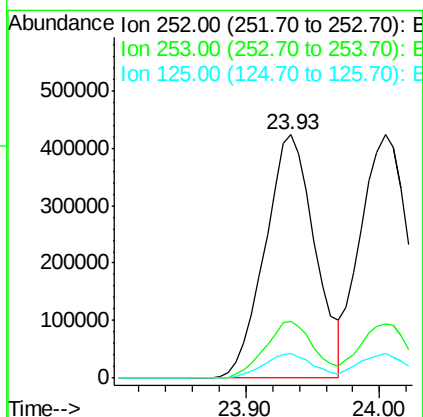
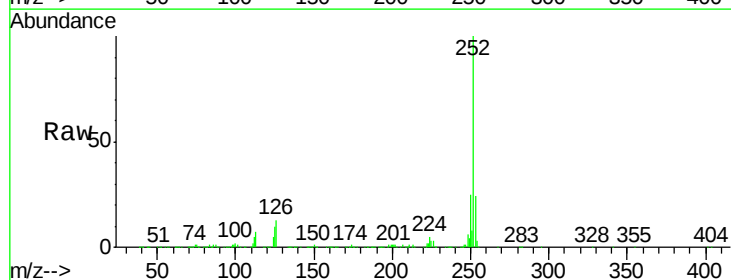
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

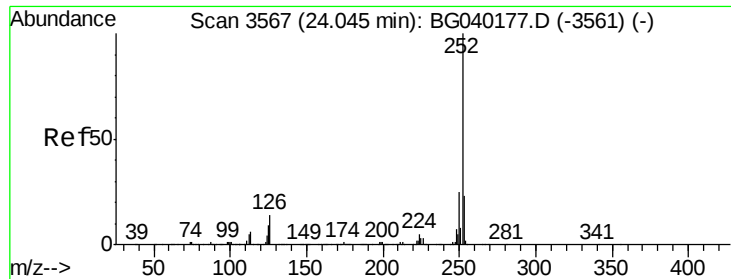
Tgt Ion: 264 Resp: 444128
Ion Ratio Lower Upper
264 100
260 24.1 17.9 26.9
265 20.9 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 40.582 ng
RT: 23.93 min Scan# 3548
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion: 252 Resp: 1103480
Ion Ratio Lower Upper
252 100
253 23.5 17.6 26.4
125 10.2 8.2 12.4

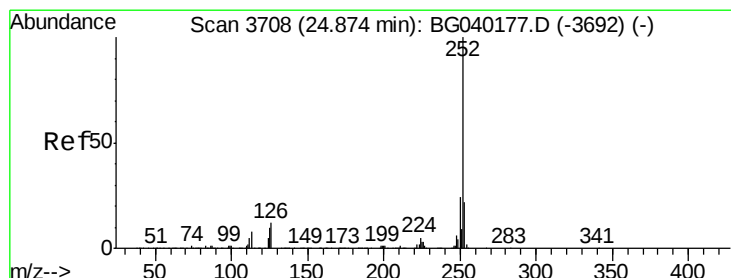
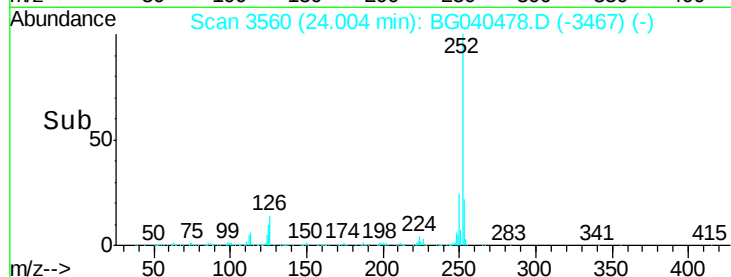
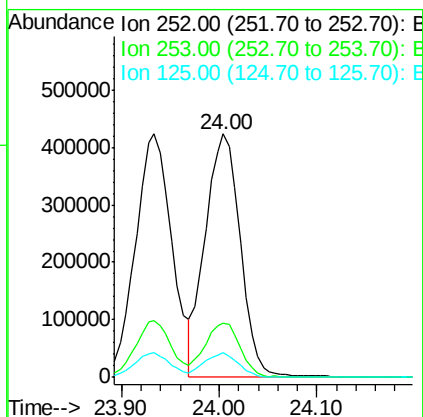
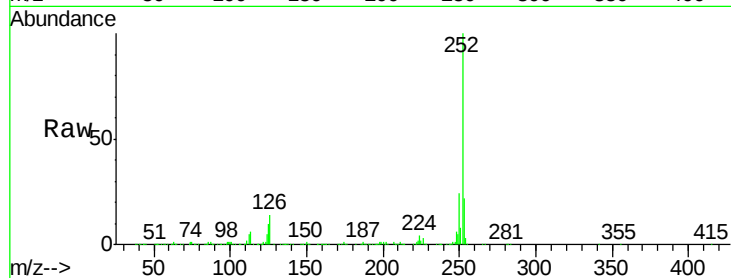




#89
Benzo(k)fluoranthene
Concen: 41.928 ng
RT: 24.00 min Scan# 3560
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

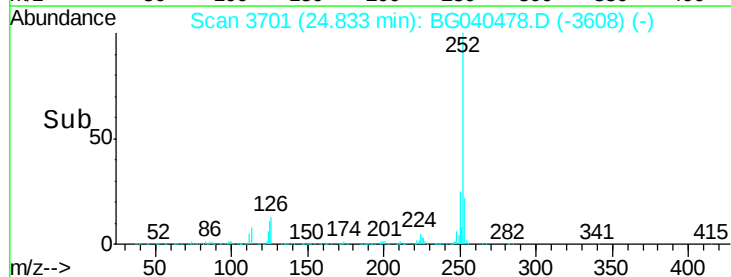
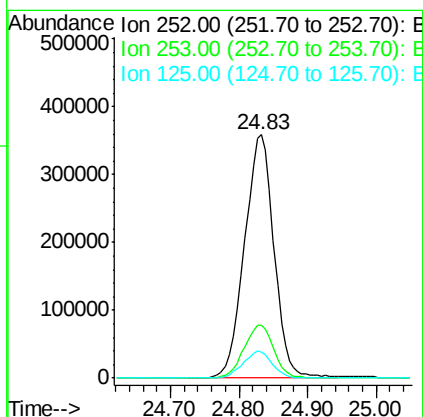
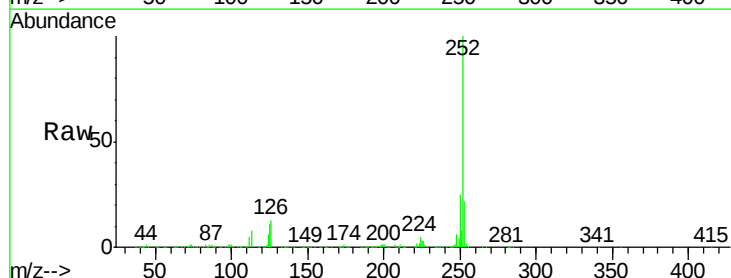
Instrument :
BNA_G
ClientSampleId :
PB118717BSD

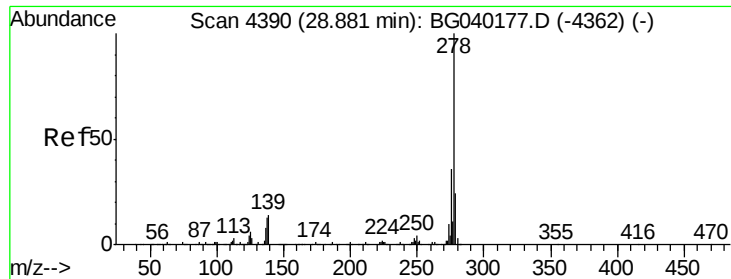
Tgt Ion:252 Resp: 1048417
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 10.1 7.3 10.9



#90
Benzo(a)pyrene
Concen: 42.140 ng
RT: 24.83 min Scan# 3701
Delta R.T. 0.01 min
Lab File: BG040478.D
Acq: 15 Apr 2019 13:38

Tgt Ion:252 Resp: 1075090
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.9 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 42.237 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.02 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

Instrument :

BNA_G

ClientSampleId :

PB118717BSD

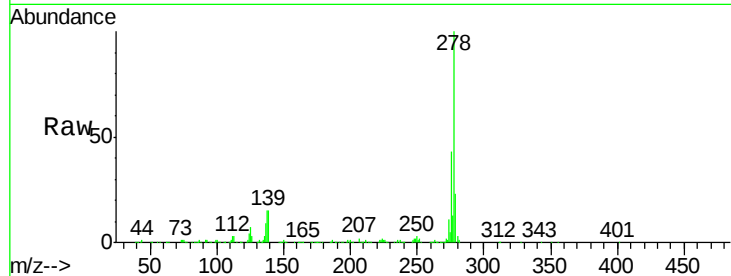
Tgt Ion:278 Resp: 1000795

Ion Ratio Lower Upper

278 100

139 14.9 11.2 16.8

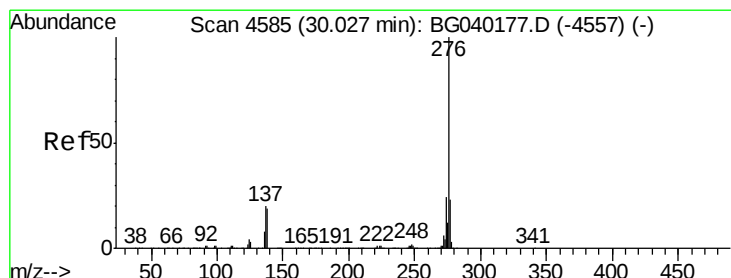
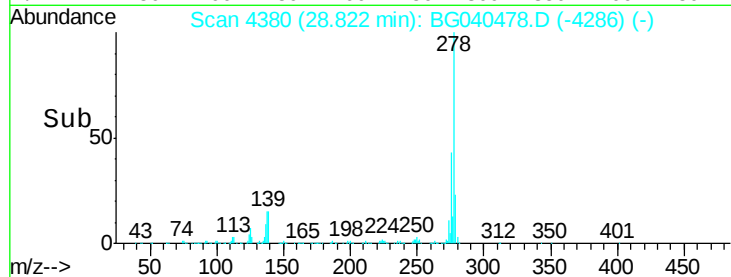
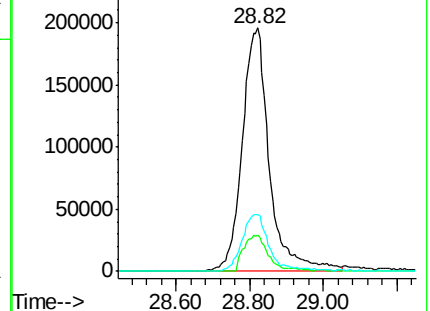
279 23.1 18.9 28.3



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: 41.227 ng

RT: 29.94 min Scan# 4570

Delta R.T. 0.03 min

Lab File: BG040478.D

Acq: 15 Apr 2019 13:38

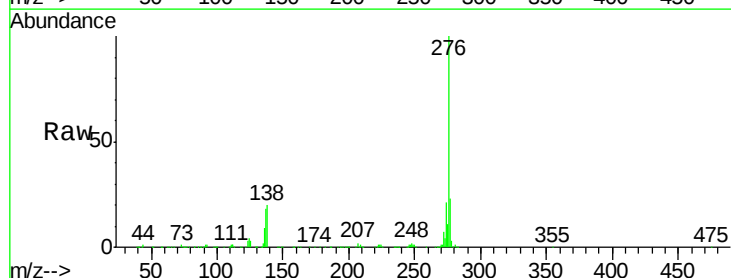
Tgt Ion:276 Resp: 1003923

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 20.1 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

