

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040197.D
 Acq On : 28 Mar 2019 13:02
 Operator : JU/SJ
 Sample : PB118345BS
 Misc : MDL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

Quant Time: Mar 29 05:43:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	56499	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	233762	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	144287	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	365579	20.00	ng	0.00
76) Chrysene-d12	21.73	240	378602	20.00	ng	0.00
87) Perylene-d12	25.02	264	346116	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	460204	135.41	ng	0.00
7) Phenol-d6	7.23	99	619054	131.80	ng	0.00
23) Nitrobenzene-d5	9.25	82	338485	76.97	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	219805	140.96	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	744594	76.47	ng	0.00
79) Terphenyl-d14	20.05	244	1278543	75.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	61718	38.620	ng	97
3) Pyridine	3.92	79	138715	32.239	ng	99
4) n-Nitrosodimethylamine	3.84	42	75351	37.859	ng	# 92
6) Aniline	7.40	93	175337	28.733	ng	99
8) 2-Chlorophenol	7.63	128	161465	40.585	ng	97
9) Benzaldehyde	7.21	77	48877	15.170	ng	96
10) Phenol	7.25	94	208837	40.963	ng	99
11) bis(2-Chloroethyl)ether	7.49	93	158657	38.855	ng	97
12) 1,3-Dichlorobenzene	7.96	146	163281	37.755	ng	95
13) 1,4-Dichlorobenzene	8.10	146	167084	38.790	ng	98
14) 1,2-Dichlorobenzene	8.43	146	157342	38.198	ng	98
15) Benzyl Alcohol	8.31	79	140665	37.187	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	289527	36.945	ng	98
17) 2-Methylphenol	8.51	107	139383	39.510	ng	97
18) Hexachloroethane	9.15	117	60370	36.846	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	120846	35.885	ng	95
20) 3+4-Methylphenols	8.84	107	191594	40.090	ng	95
22) Acetophenone	8.90	105	237593	40.745	ng	97
24) Nitrobenzene	9.29	77	179477	39.410	ng	97
25) Isophorone	9.80	82	347445	38.396	ng	99
26) 2-Nitrophenol	10.00	139	84512	39.163	ng	99
27) 2,4-Dimethylphenol	10.04	122	158354	46.198	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	209488	39.130	ng	99
29) 2,4-Dichlorophenol	10.53	162	155676	41.842	ng	95
30) 1,2,4-Trichlorobenzene	10.74	180	165561	40.526	ng	99
31) Naphthalene	10.93	128	484050	40.398	ng	99
32) Benzoic acid	10.19	122	73233	35.361	ng	89
33) 4-Chloroaniline	11.05	127	126453	24.741	ng	99
34) Hexachlorobutadiene	11.20	225	101399	38.809	ng	96
35) Caprolactam	11.83	113	31669	21.449	ng	91
36) 4-Chloro-3-methylphenol	12.16	107	171754	40.155	ng	96
37) 2-Methylnaphthalene	12.53	142	354946	40.054	ng	99
38) 1-Methylnaphthalene	12.75	142	342288	39.833	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	179737	39.193	ng	98

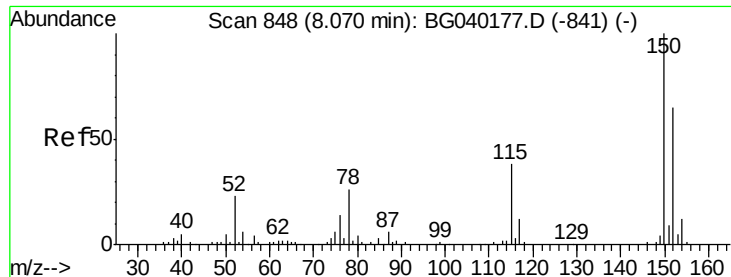
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040197.D
 Acq On : 28 Mar 2019 13:02
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	210746	83.695	ng	96
43) 2,4,6-Trichlorophenol	13.14	196	126802	42.886	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	135804	42.139	ng	98
46) 1,1'-Biphenyl	13.54	154	452459	39.687	ng	96
47) 2-Chloronaphthalene	13.58	162	352960	40.362	ng	99
48) 2-Nitroaniline	13.80	65	116532	39.506	ng	96
49) Acenaphthylene	14.42	152	588584	39.697	ng	100
50) Dimethylphthalate	14.15	163	464988	41.177	ng	99
51) 2,6-Dinitrotoluene	14.28	165	106304	41.925	ng	98
52) Acenaphthene	14.77	154	341997	40.254	ng	95
53) 3-Nitroaniline	14.62	138	79271	29.535	ng	95
54) 2,4-Dinitrophenol	14.82	184	133797	99.221	ng	92
55) Dibenzofuran	15.10	168	558776	40.930	ng	98
56) 4-Nitrophenol	14.92	139	189287	87.382	ng	97
57) 2,4-Dinitrotoluene	15.07	165	151860	43.103	ng	96
58) Fluorene	15.75	166	442376	41.215	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.32	232	127668	43.655	ng	98
60) Diethylphthalate	15.51	149	490998	42.490	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	235562	41.058	ng	97
62) 4-Nitroaniline	15.78	138	120657	41.890	ng	96
63) Azobenzene	16.03	77	452301	41.496	ng	98
65) 4,6-Dinitro-2-methylphenol	15.83	198	86354	42.044	ng	98
66) n-Nitrosodiphenylamine	15.95	169	418775	39.146	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	155045	37.687	ng	98
68) Hexachlorobenzene	16.75	284	161508	39.045	ng	98
69) Atrazine	16.89	200	154174	38.742	ng	96
70) Pentachlorophenol	17.09	266	189319	79.164	ng	96
71) Phenanthrene	17.49	178	781774	40.685	ng	99
72) Anthracene	17.58	178	784746	40.802	ng	99
73) Carbazole	17.86	167	759759	41.740	ng	99
74) Di-n-butylphthalate	18.38	149	923611	42.808	ng	100
75) Fluoranthene	19.49	202	987804	43.413	ng	100
77) Benzidine	19.68	184	340216	24.885	ng	98
78) Pyrene	19.86	202	993262	39.894	ng	99
80) Butylbenzylphthalate	20.73	149	424725	39.866	ng	96
81) Benzo(a)anthracene	21.70	228	916324	39.294	ng	99
82) 3,3'-Dichlorobenzidine	21.62	252	286934	32.345	ng	97
83) Chrysene	21.77	228	874100	39.002	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	595042	39.072	ng	99
85) Di-n-octyl phthalate	22.80	149	1023580	39.449	ng	99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1086571	39.640	ng	100
88) Benzo(b)fluoranthene	23.97	252	963357	45.462	ng	98
89) Benzo(k)fluoranthene	24.04	252	913512	46.878	ng	98
90) Benzo(a)pyrene	24.87	252	939417	47.249	ng	99
91) Dibenzo(a,h)anthracene	28.88	278	882901	47.813	ng	99
92) Benzo(g,h,i)perylene	30.02	276	911798	48.047	ng	99

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

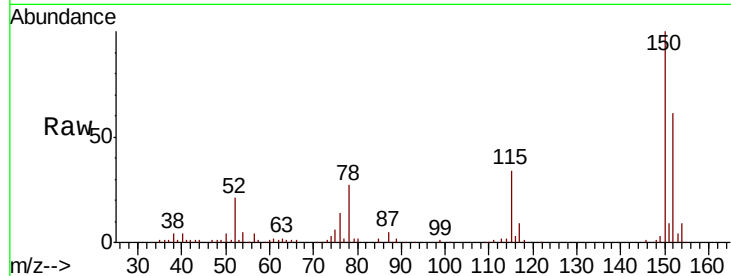


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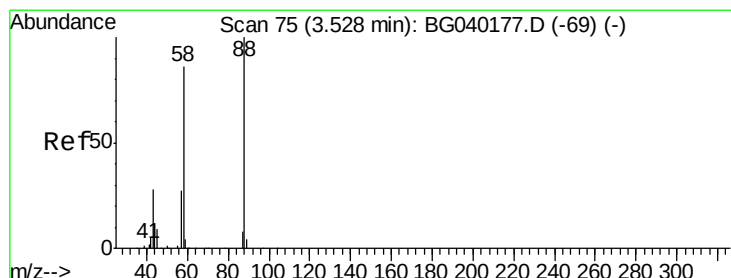
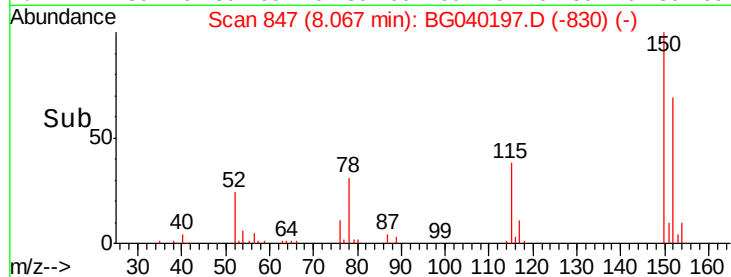
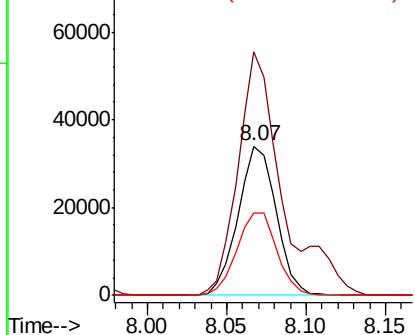
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:152 Resp: 56499
Ion Ratio Lower Upper
152 100
150 163.5 123.7 185.5
115 55.4 46.9 70.3



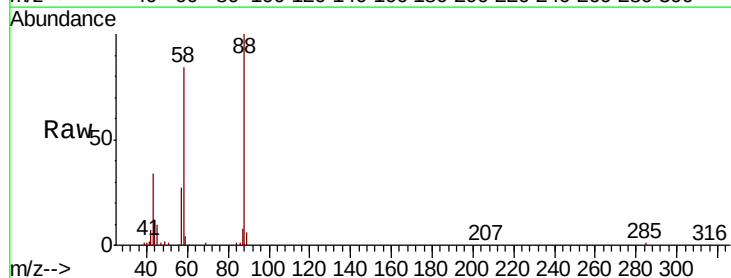
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



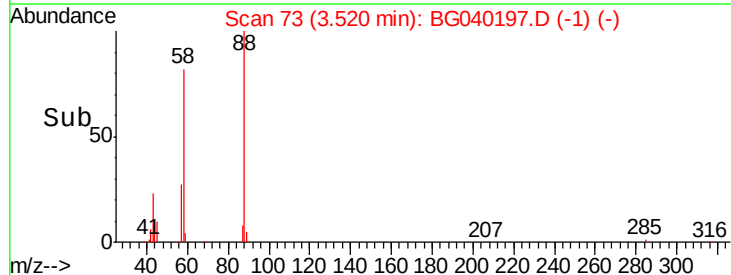
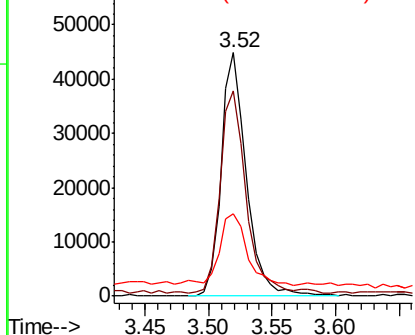
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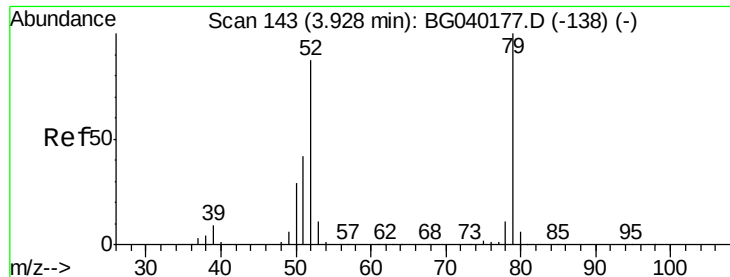
1,4-Dioxane
Concen: 38.620 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.01 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion: 88 Resp: 61718
Ion Ratio Lower Upper
88 100
58 85.4 70.6 106.0
43 32.8 24.8 37.2



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





#3

Pyridine

Concen: 32.239 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

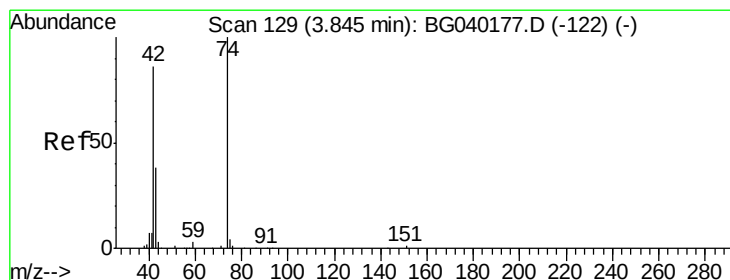
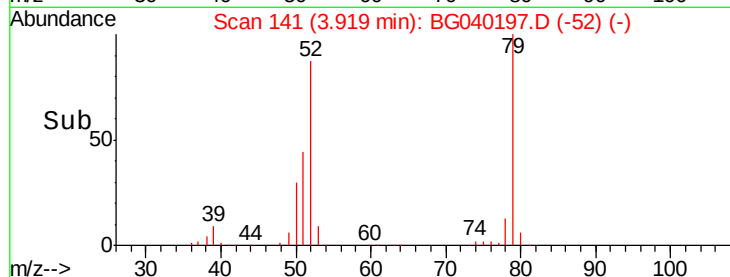
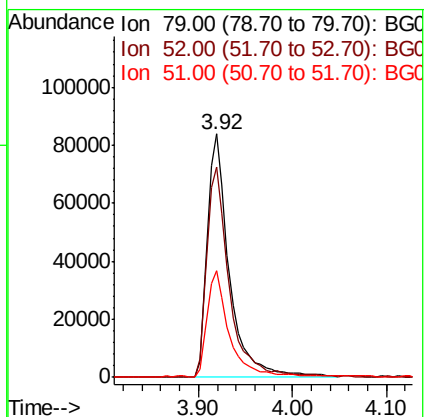
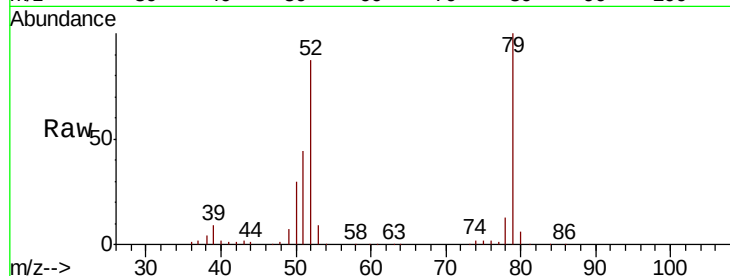
Tgt Ion: 79 Resp: 138715

Ion Ratio Lower Upper

79 100

52 86.6 69.8 104.8

51 44.0 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.859 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

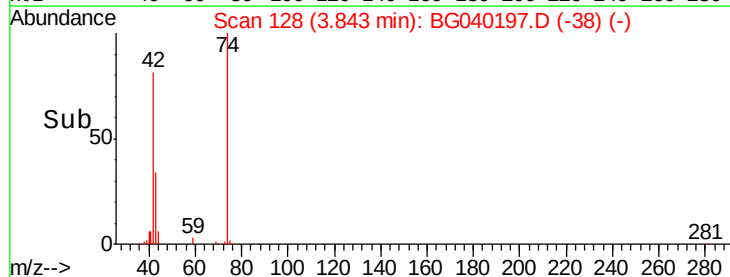
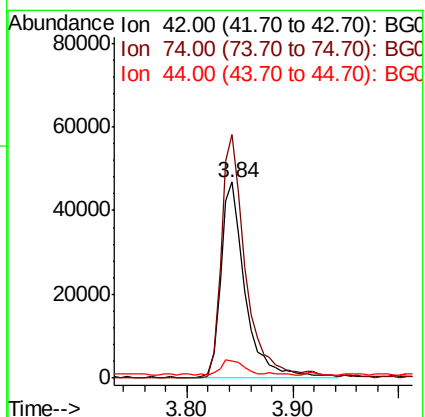
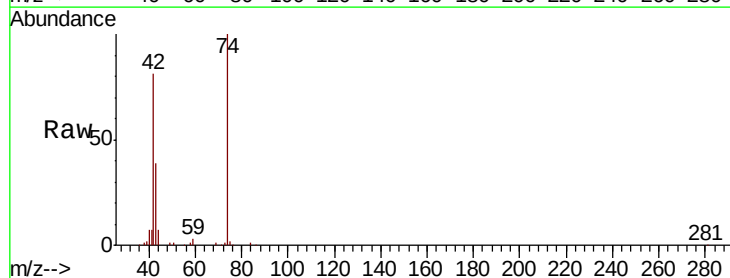
Tgt Ion: 42 Resp: 75351

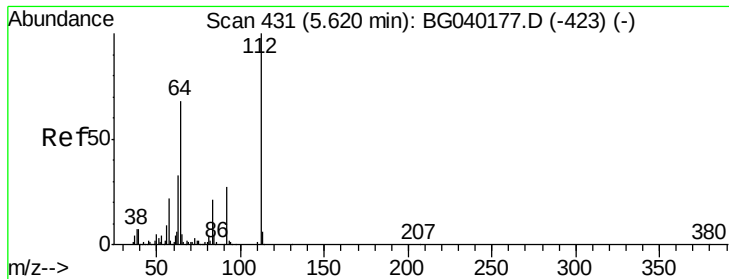
Ion Ratio Lower Upper

42 100

74 124.1 92.9 139.3

44 8.6 9.7 14.5#





#5

2-Fluorophenol

Concen: 135.409 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

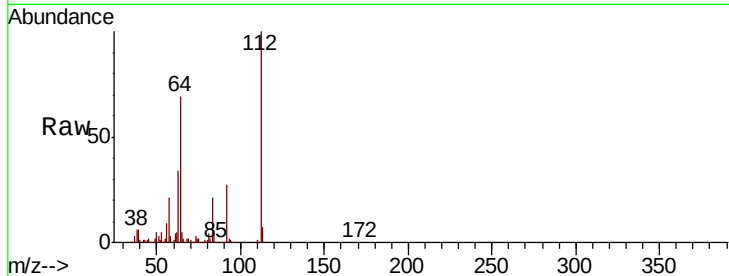
Instrument :

BNA_G

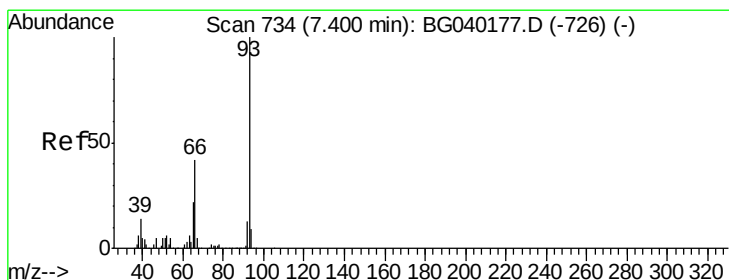
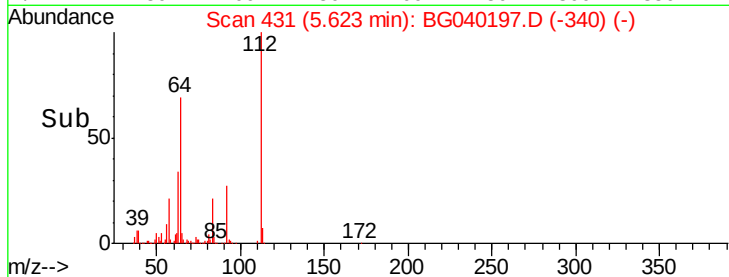
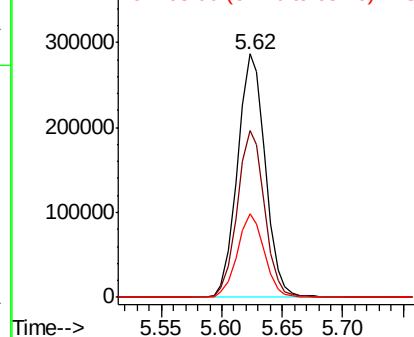
ClientSampleId :

PB118345BS

Tgt Ion:	112	Resp:	460204
Ion	Ratio	Lower	Upper
112	100		
64	68.5	54.2	81.2
63	34.1	26.4	39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.733 ng

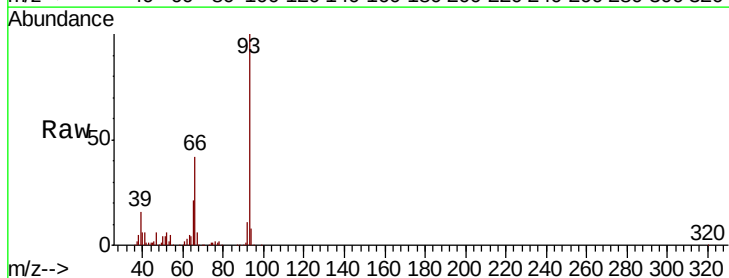
RT: 7.40 min Scan# 733

Delta R.T. -0.00 min

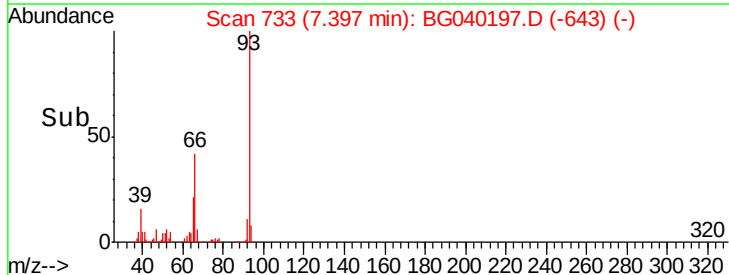
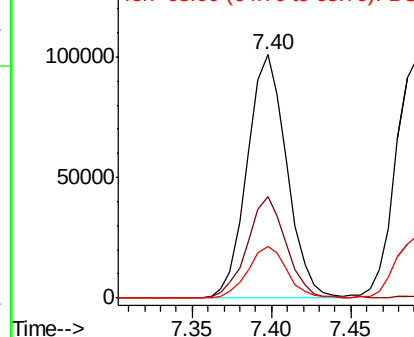
Lab File: BG040197.D

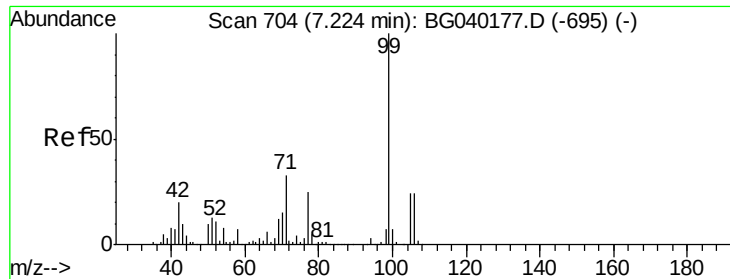
Acq: 28 Mar 2019 13:02

Tgt Ion:	93	Resp:	175337
Ion	Ratio	Lower	Upper
93	100		
66	41.5	33.6	50.4
65	21.4	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: 131.799 ng

RT: 7.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

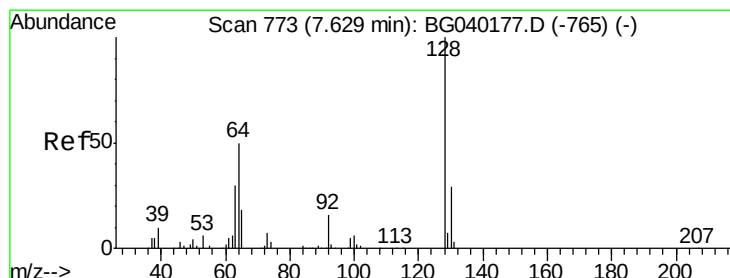
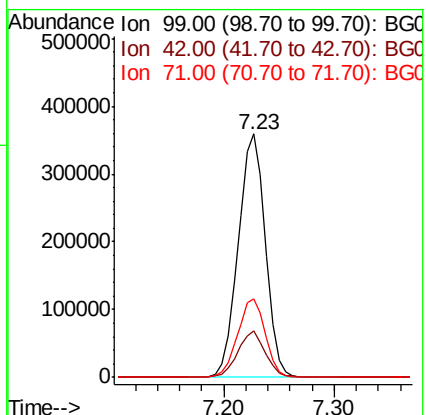
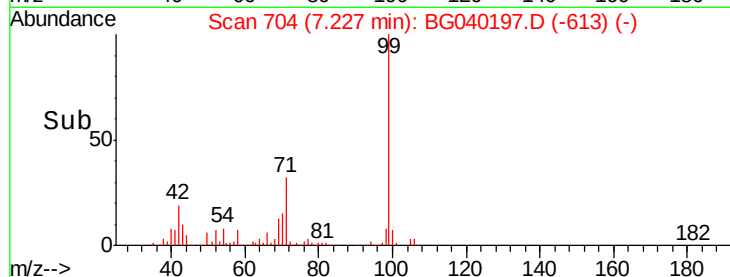
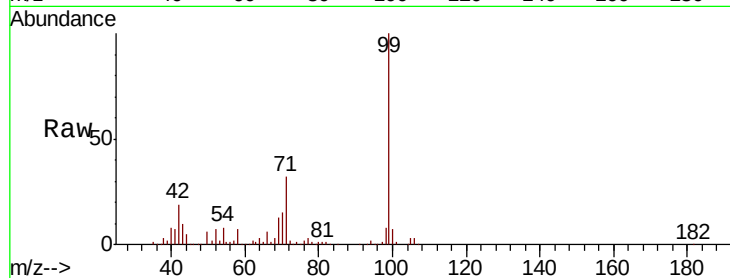
Tgt Ion: 99 Resp: 619054

Ion Ratio Lower Upper

99 100

42 18.9 16.2 24.2

71 32.3 26.8 40.2



#8

2-Chlorophenol

Concen: 40.585 ng

RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

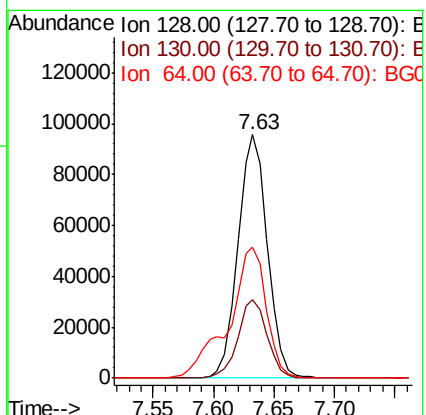
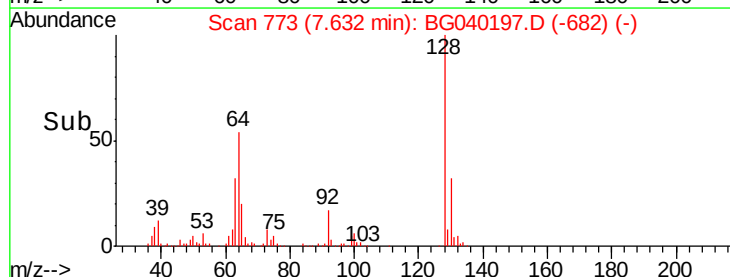
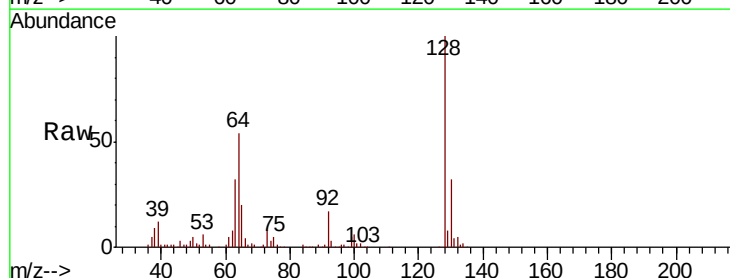
Tgt Ion: 128 Resp: 161465

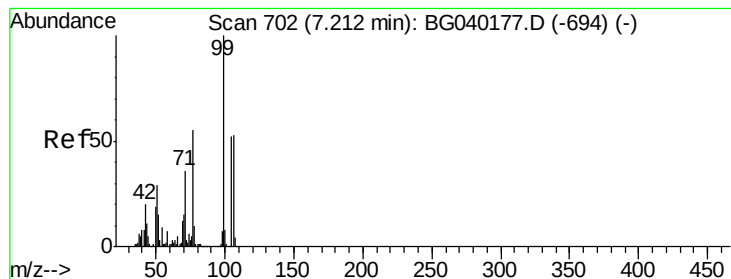
Ion Ratio Lower Upper

128 100

130 32.3 9.1 49.1

64 54.1 33.1 73.1





#9

Benzaldehyde

Concen: 15.170 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

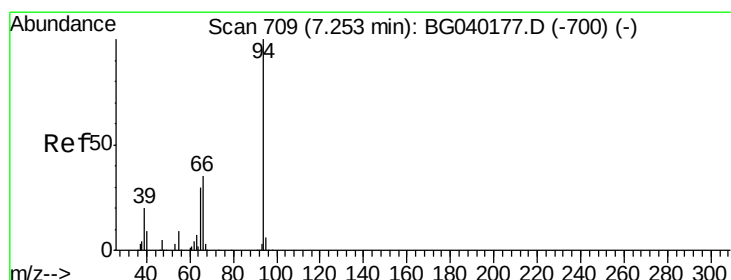
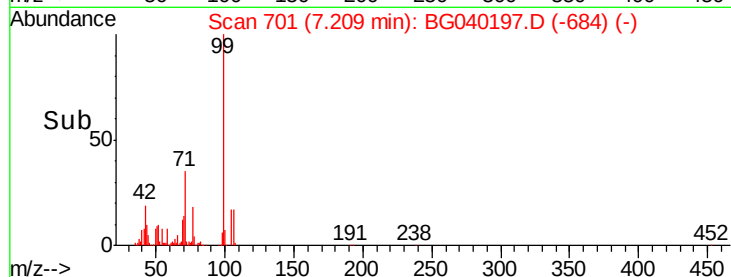
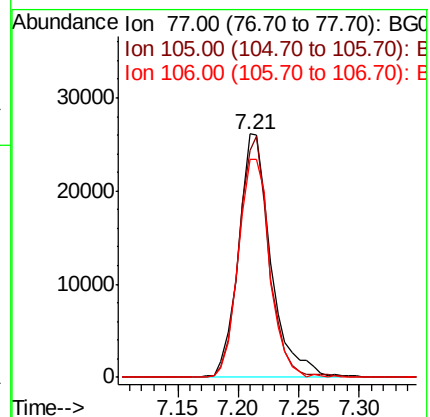
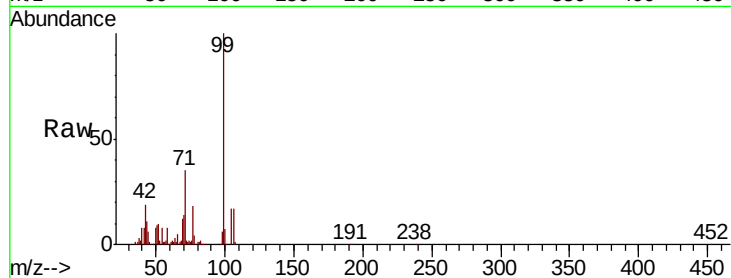
Tgt Ion: 77 Resp: 48877

Ion Ratio Lower Upper

77 100

105 93.4 75.0 115.0

106 89.3 75.7 115.7



#10

Phenol

Concen: 40.963 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

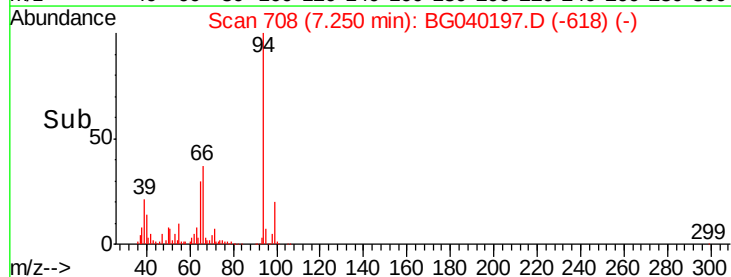
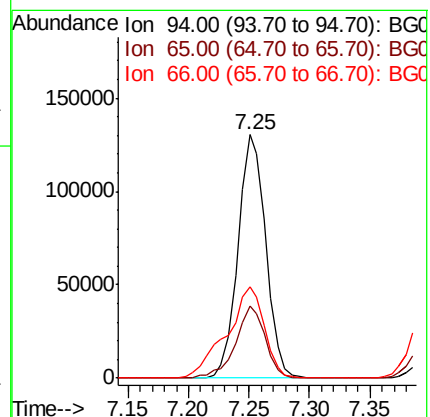
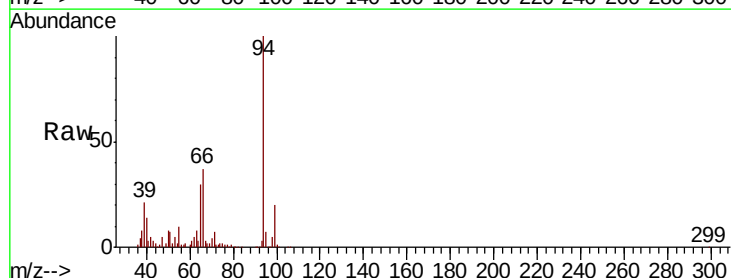
Tgt Ion: 94 Resp: 208837

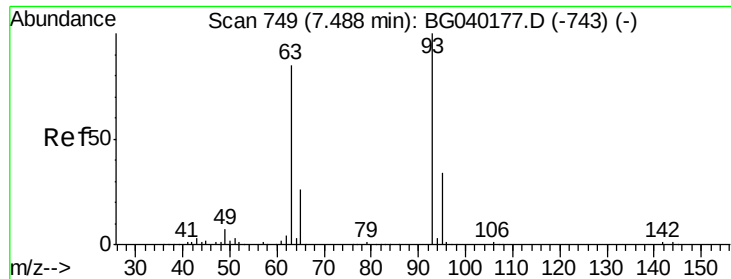
Ion Ratio Lower Upper

94 100

65 29.7 10.5 50.5

66 37.4 16.9 56.9

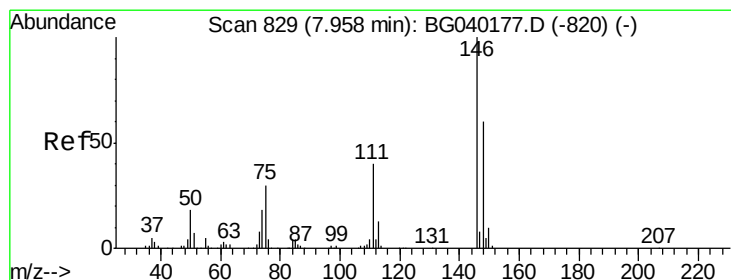
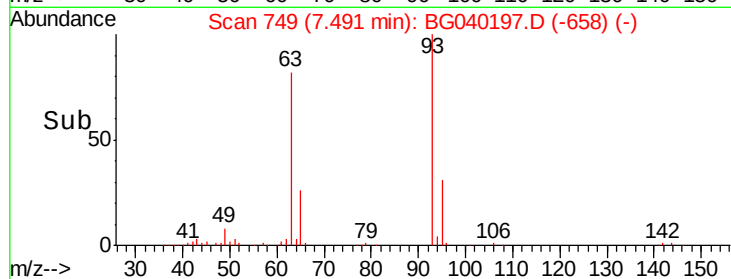
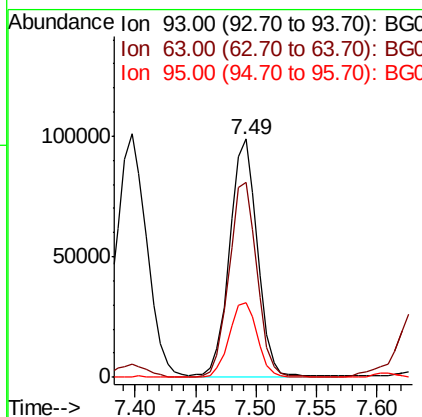
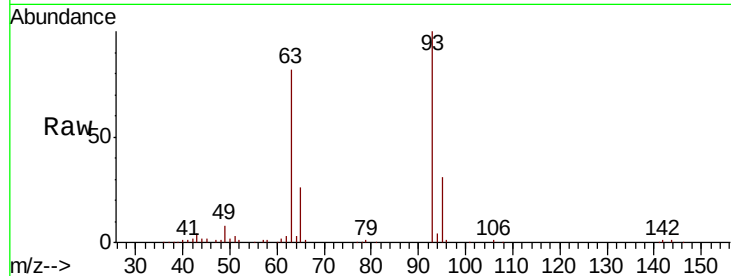




#11
 bis(2-Chloroethyl)ether
 Concen: 38.855 ng
 RT: 7.49 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

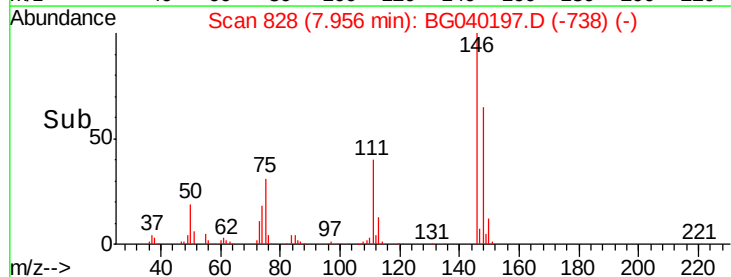
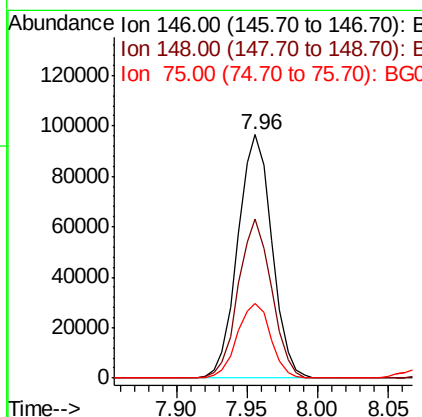
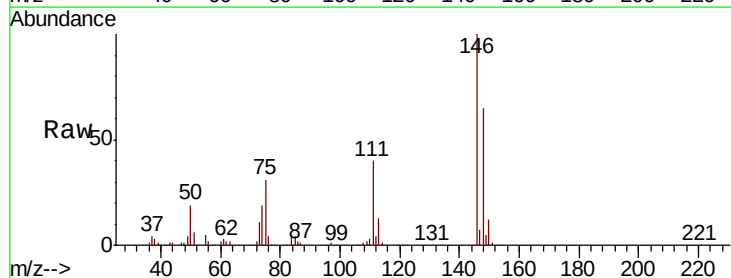
Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

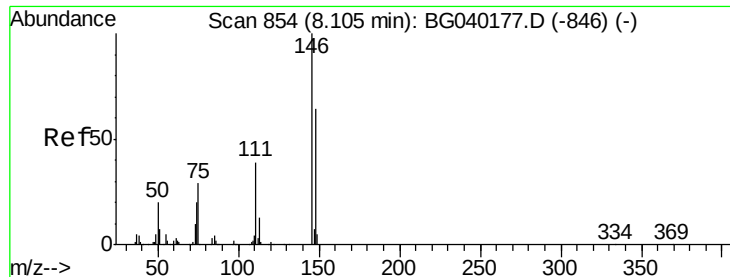
Tgt Ion:	93	Resp:	158657
Ion	Ratio	Lower	Upper
93	100		
63	81.9	64.2	104.2
95	31.4	14.0	54.0



#12
 1,3-Dichlorobenzene
 Concen: 37.755 ng
 RT: 7.96 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion:	146	Resp:	163281
Ion	Ratio	Lower	Upper
146	100		
148	65.2	48.2	72.2
75	30.6	24.1	36.1

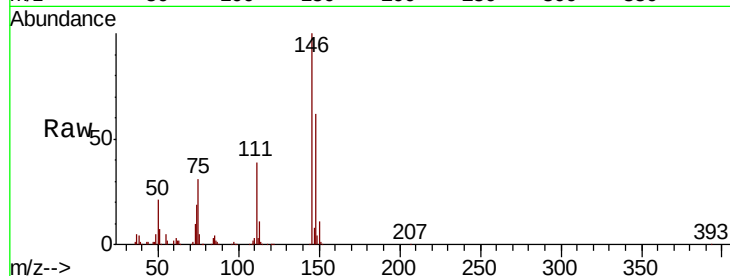




#13
 1,4-Dichlorobenzene
 Concen: 38.790 ng
 RT: 8.10 min Scan# 853
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	51.0	76.4
111	39.1	31.8	47.6

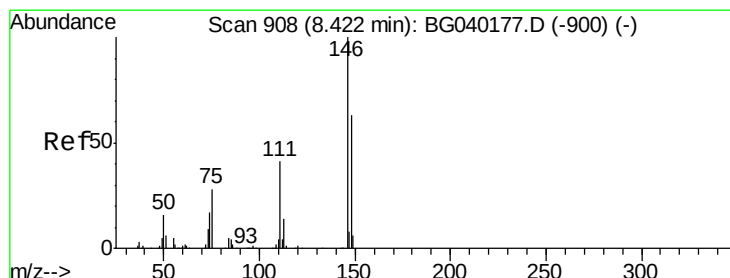
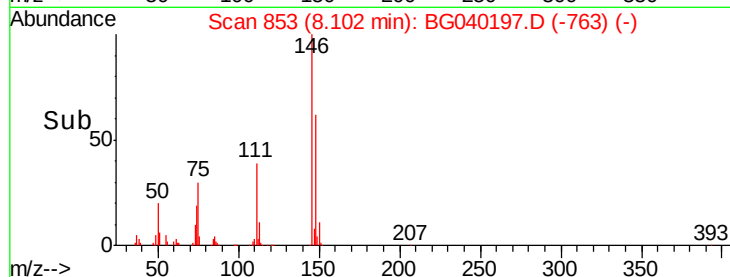
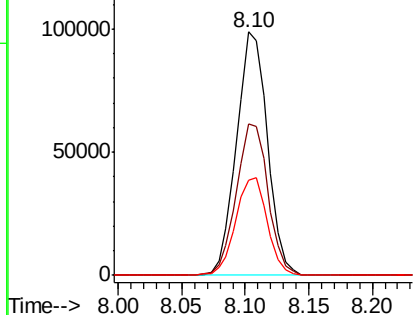


Abundance

Ion 146.00 (145.70 to 146.70): E

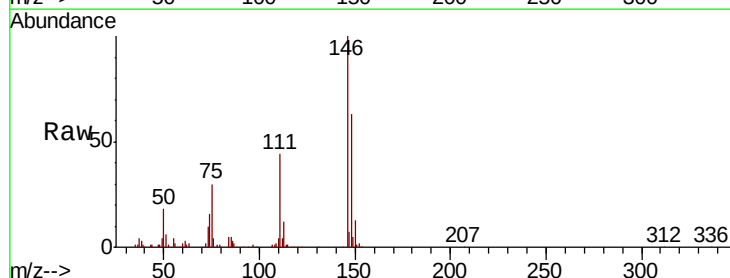
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.198 ng
 RT: 8.43 min Scan# 908
 Delta R.T. 0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	50.8	76.2
111	43.6	33.4	50.0

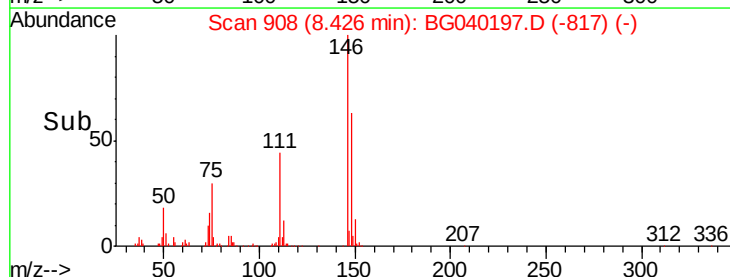
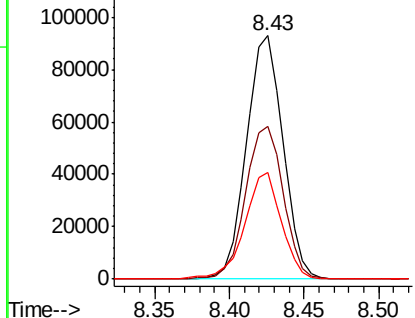


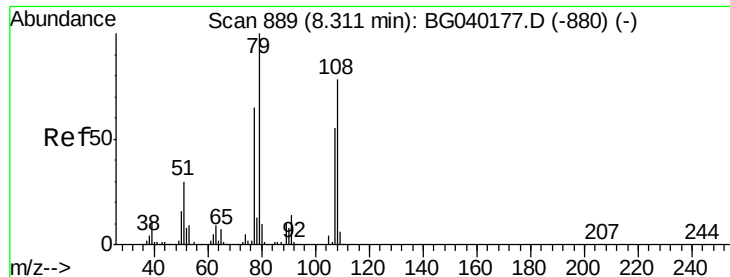
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

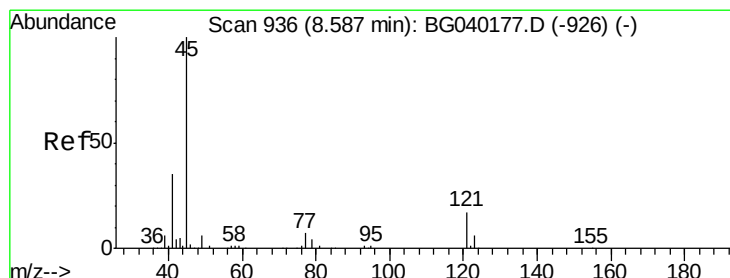
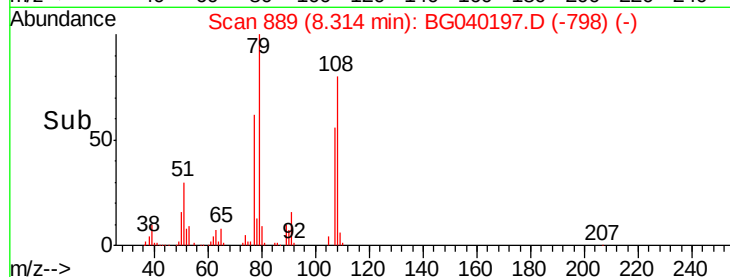
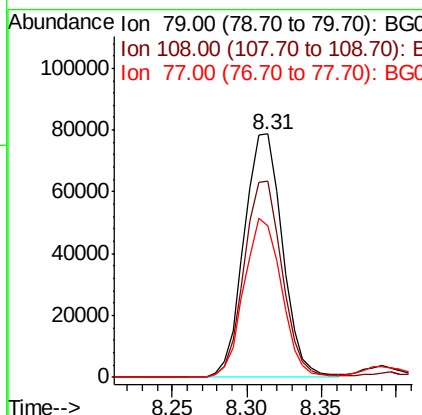
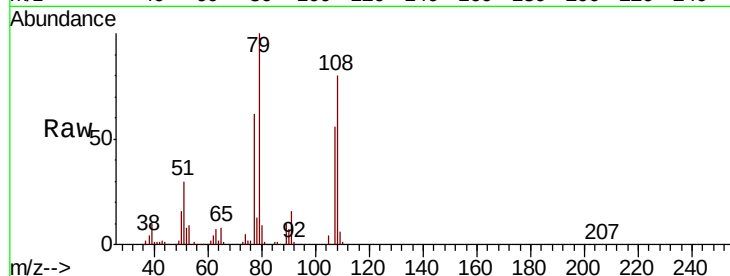




#15
Benzyl Alcohol
Concen: 37.187 ng
RT: 8.31 min Scan# 889
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

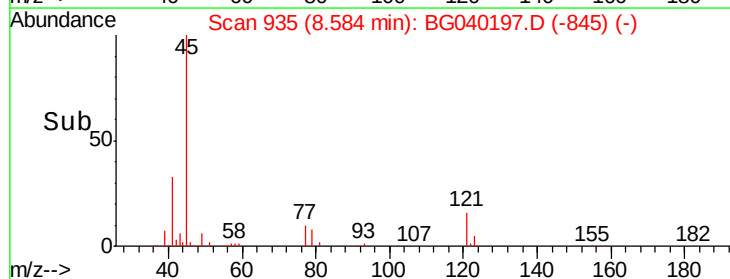
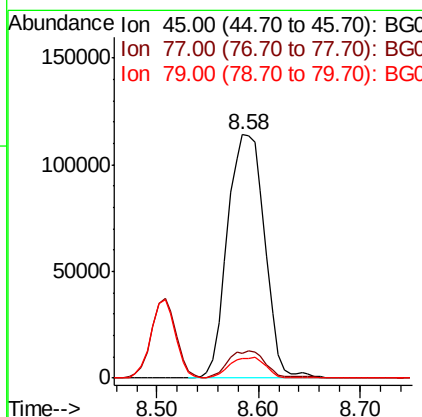
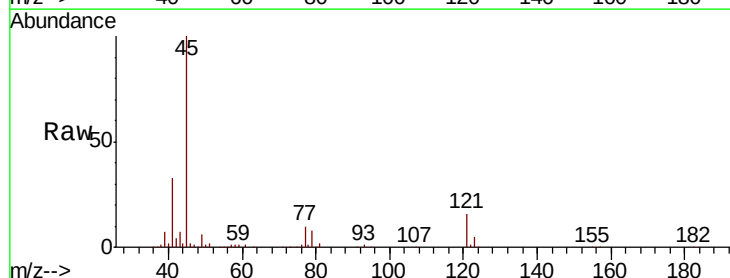
Instrument :
BNA_G
ClientSampleId :
PB118345BS

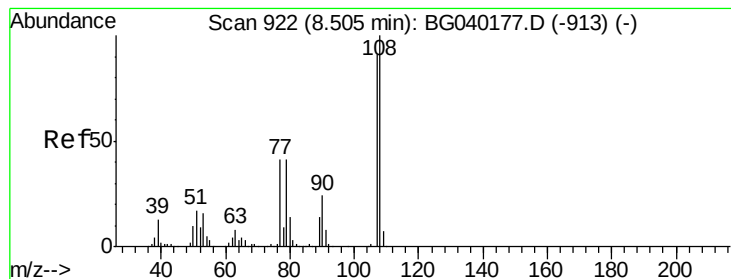
Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.4	62.1	93.1
77	62.1	51.9	77.9



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.945 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	10.3	0.0	31.4
79	8.3	0.0	28.3





#17

2-Methylphenol

Concen: 39.510 ng

RT: 8.51 min Scan# 922

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

Tgt Ion:107 Resp: 139383

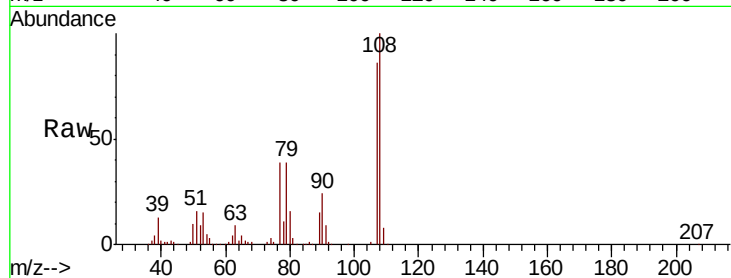
Ion Ratio Lower Upper

107 100

108 116.1 88.2 132.4

77 45.8 36.6 55.0

79 44.9 36.5 54.7



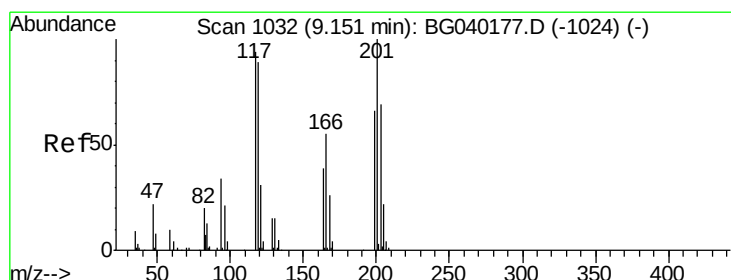
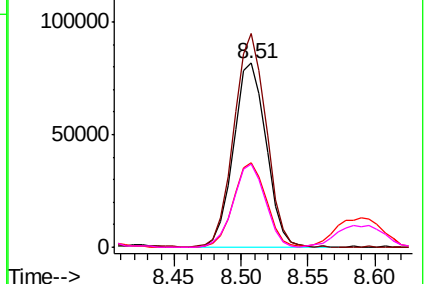
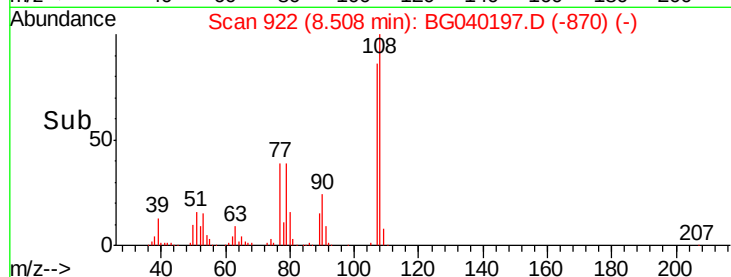
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 36.846 ng

RT: 9.15 min Scan# 1031

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

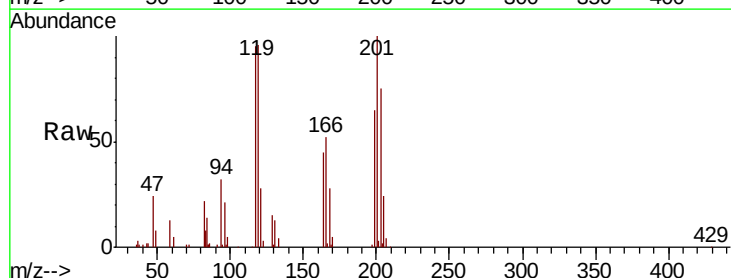
Tgt Ion:117 Resp: 60370

Ion Ratio Lower Upper

117 100

119 100.7 76.6 115.0

201 108.8 85.0 127.4

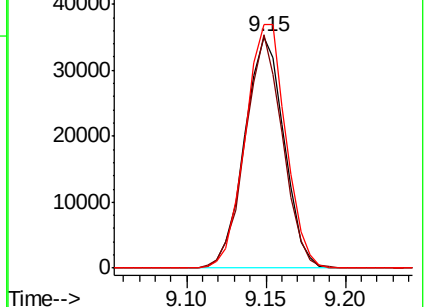
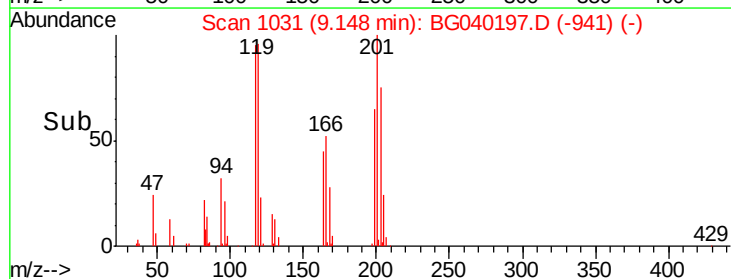


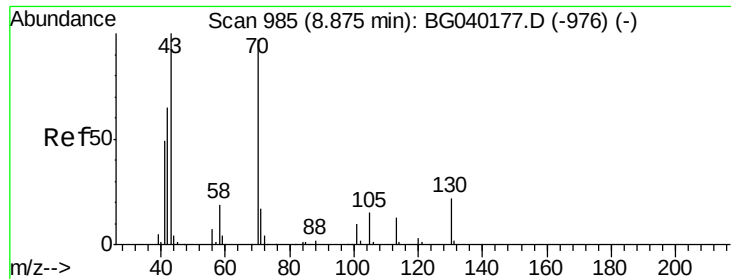
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

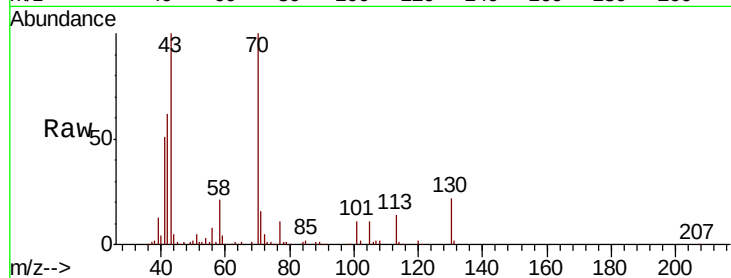




#19
n-Nitroso-di-n-propylamine
Concen: 35.885 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:	70	Resp:	120846
Ion	Ratio	Lower	Upper
70	100		
42	62.6	54.0	81.0
101	10.7	8.6	13.0
130	21.6	18.2	27.2



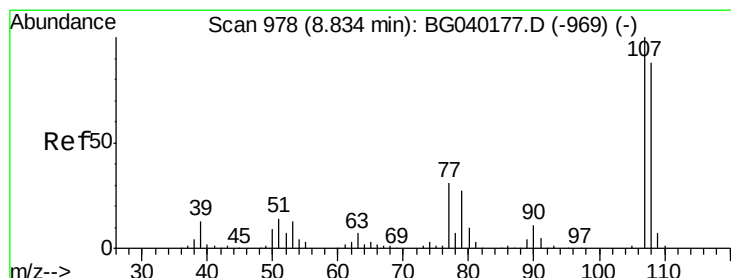
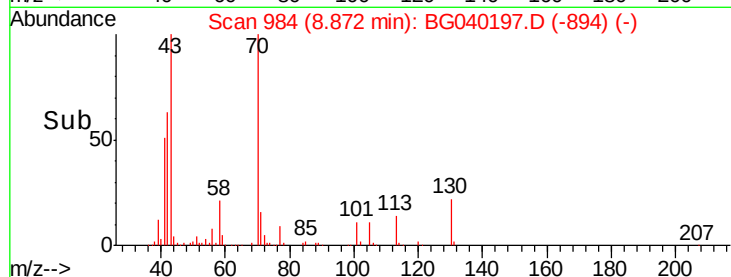
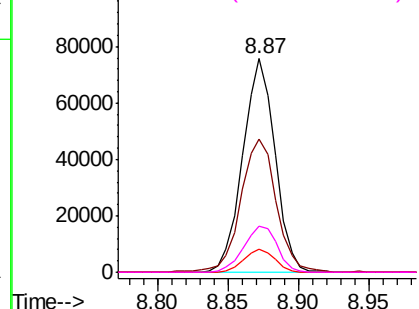
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

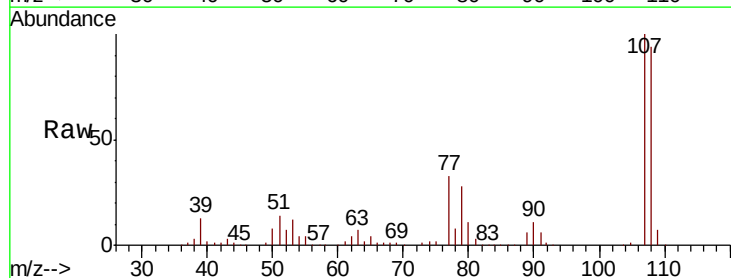
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.090 ng
RT: 8.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:	107	Resp:	191594
Ion	Ratio	Lower	Upper
107	100		
108	93.9	68.3	108.3
77	32.6	11.3	51.3
79	28.5	7.3	47.3



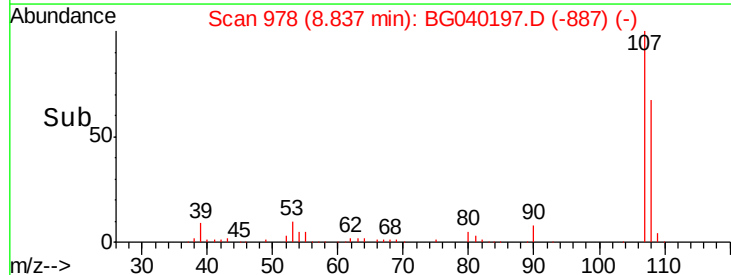
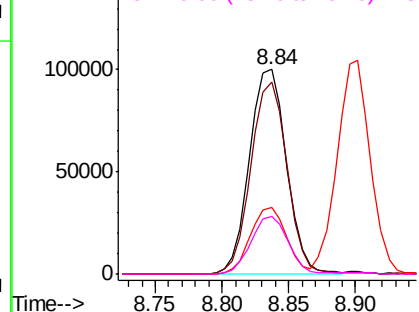
Abundance

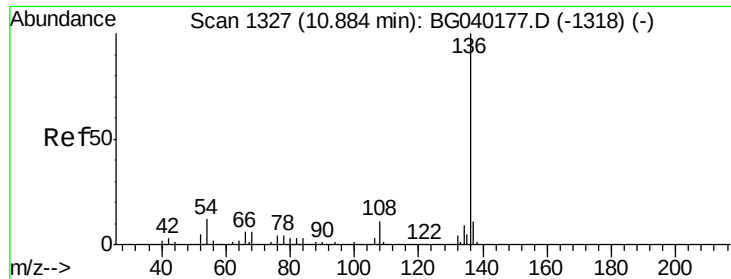
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

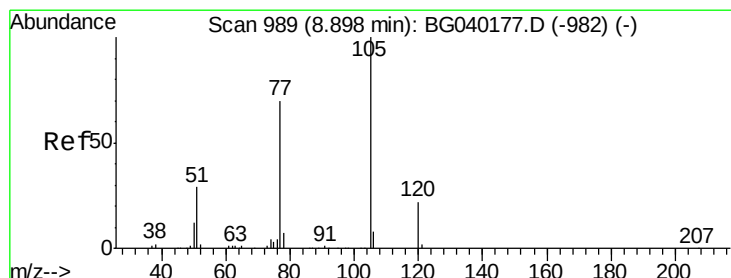
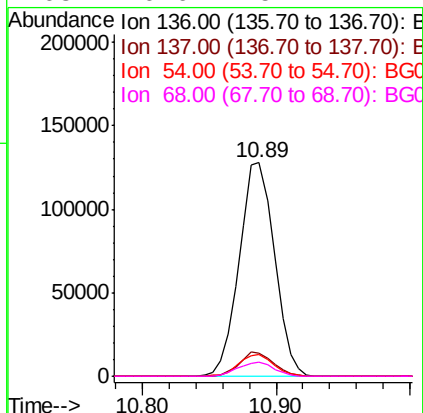
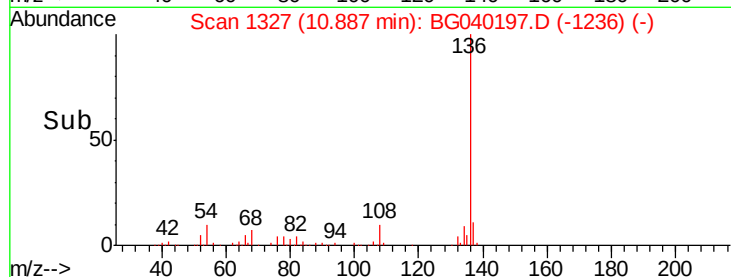
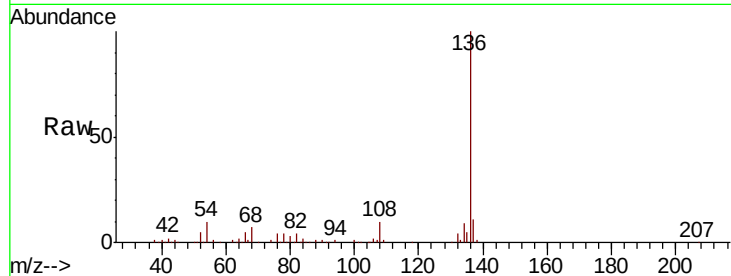




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

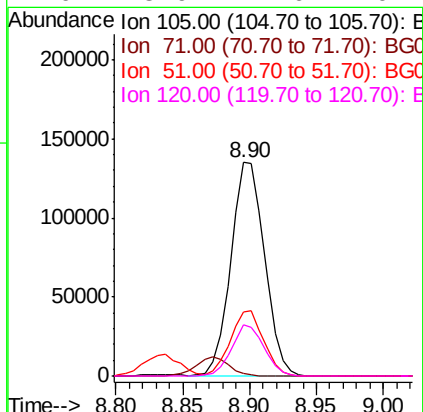
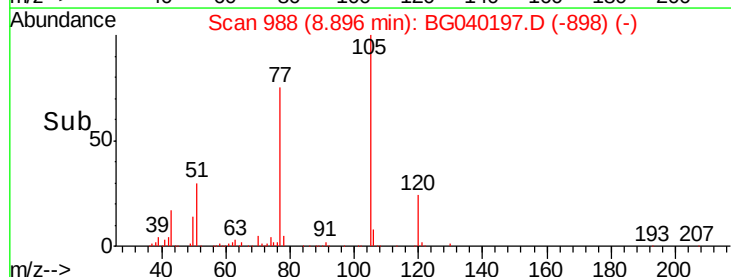
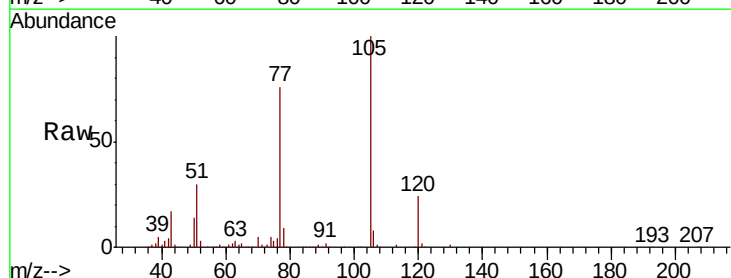
Instrument :
BNA_G
ClientSampleId :
PB118345BS

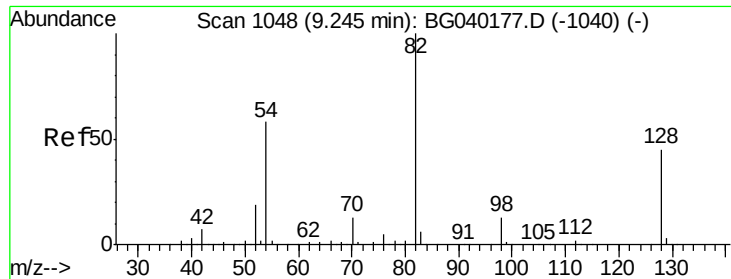
Tgt Ion:	136	Resp:	233762
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	10.3	9.6	14.4
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 40.745 ng
RT: 8.90 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:	105	Resp:	237593
Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.6	1.0
51	29.9	25.1	37.7
120	23.9	17.6	26.4

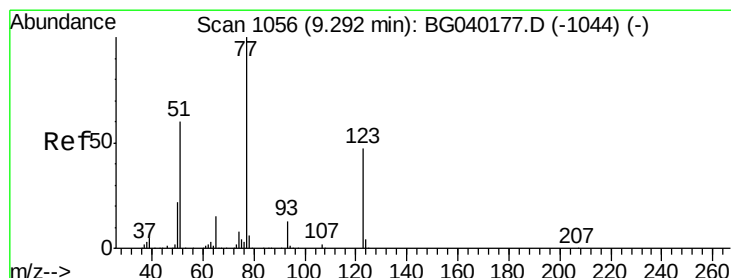
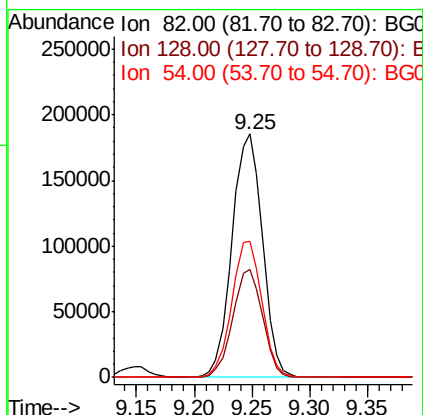
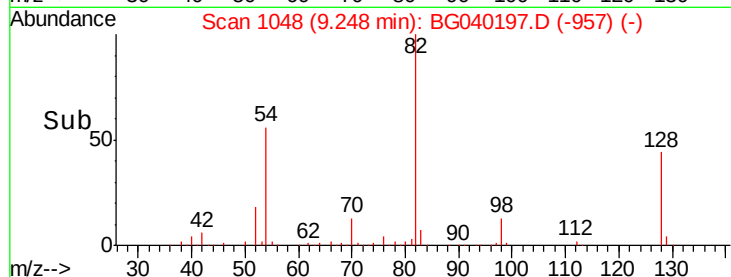
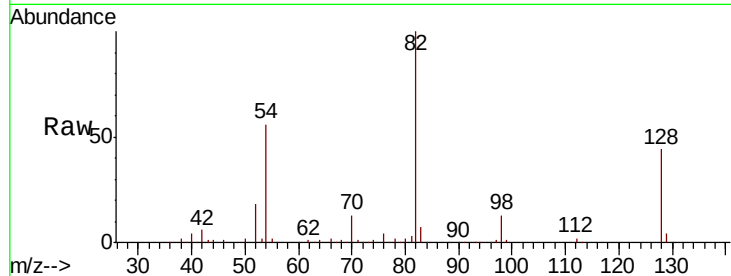




#23
 Nitrobenzene-d5
 Concen: 76.966 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

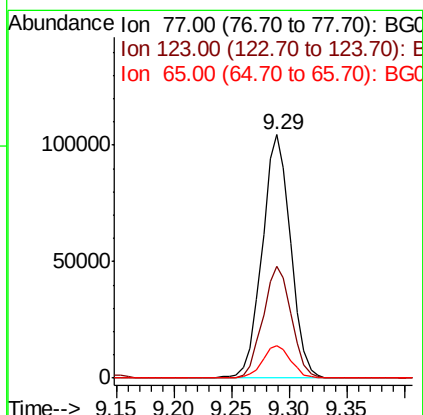
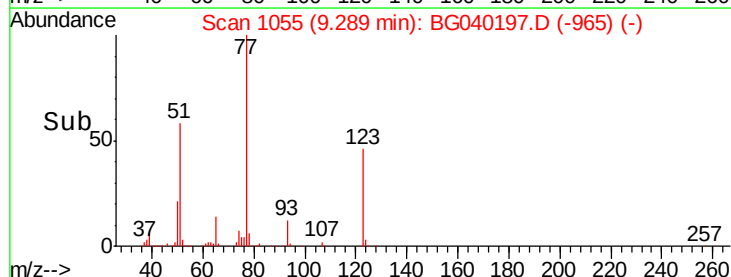
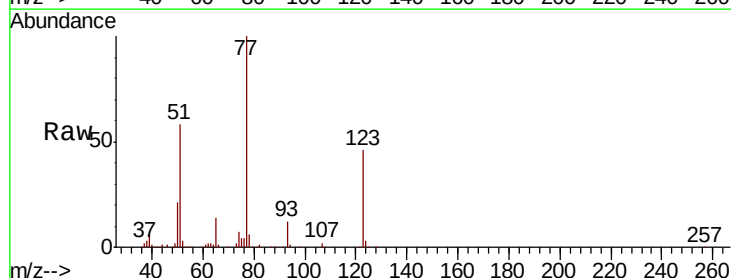
Instrument :
 BNA_G
 ClientSampleID :
 PB118345BS

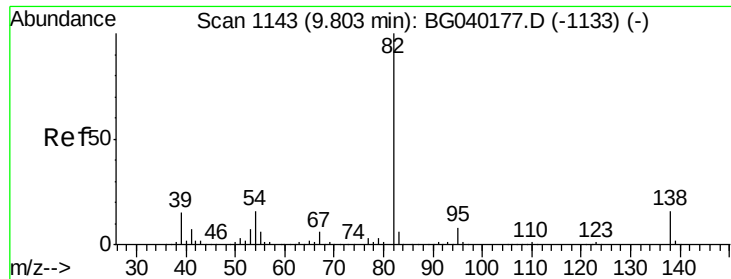
Tgt Ion: 82 Resp: 338485
 Ion Ratio Lower Upper
 82 100
 128 44.3 35.8 53.8
 54 55.7 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.410 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion: 77 Resp: 179477
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.8 56.6
 65 13.5 12.0 18.0

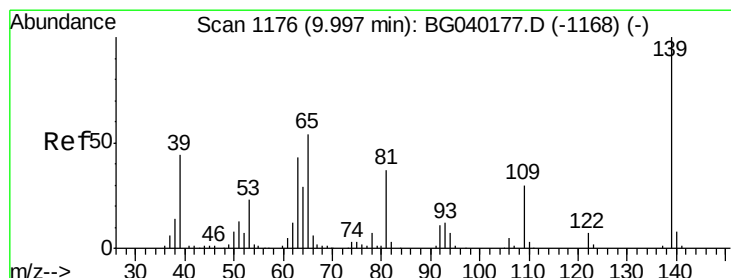
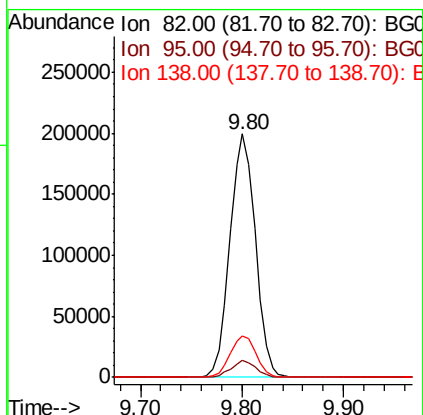
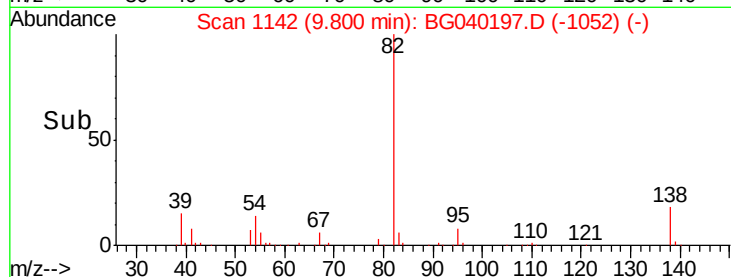
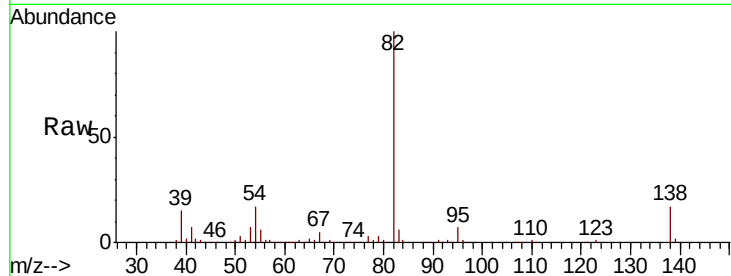




#25
Isophorone
Concen: 38.396 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

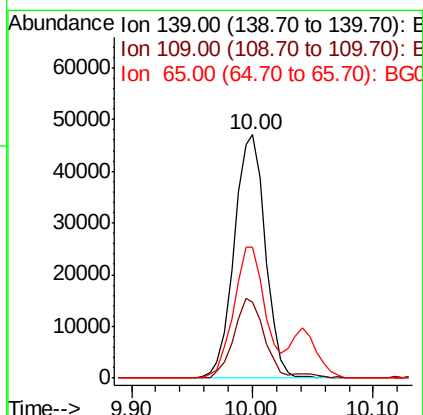
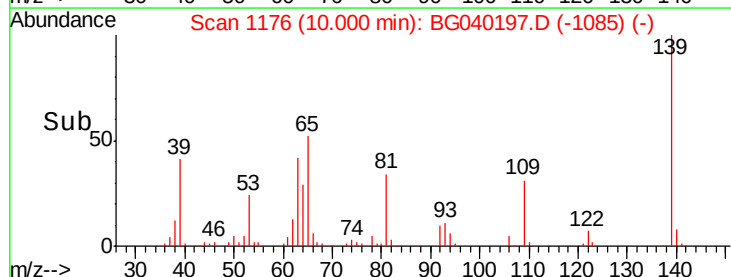
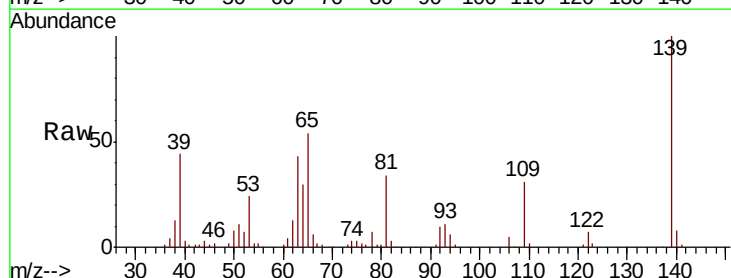
Instrument :
BNA_G
ClientSampleId :
PB118345BS

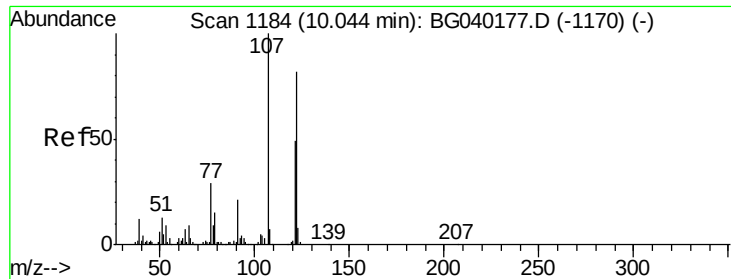
Tgt Ion: 82 Resp: 347445
Ion Ratio Lower Upper
82 100
95 7.0 6.1 9.1
138 16.8 13.2 19.8



#26
2-Nitrophenol
Concen: 39.163 ng
RT: 10.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion: 139 Resp: 84512
Ion Ratio Lower Upper
139 100
109 31.0 24.1 36.1
65 53.8 43.0 64.6

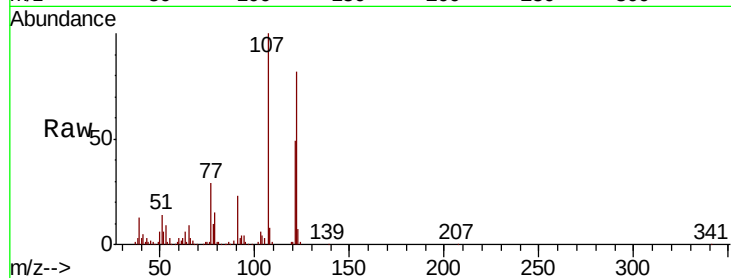




#27
2,4-Dimethylphenol
Concen: 46.198 ng
RT: 10.04 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	122.6	97.4	146.2
121	60.6	47.7	71.5

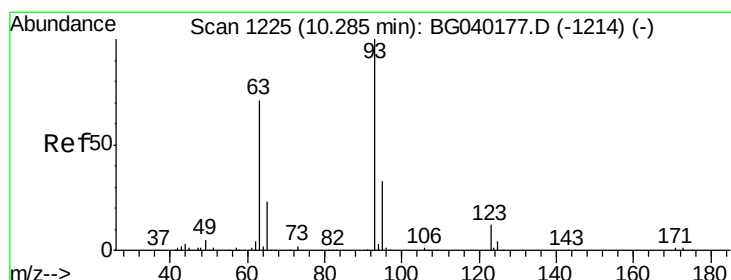
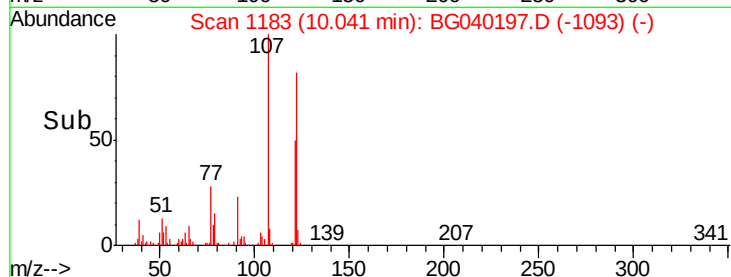
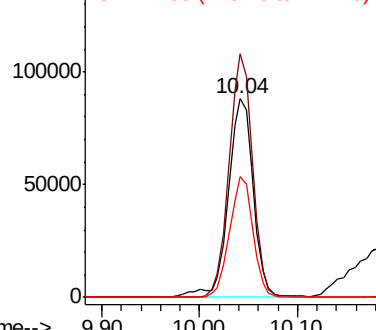


Abundance

Ion 122.00 (121.70 to 122.70): E

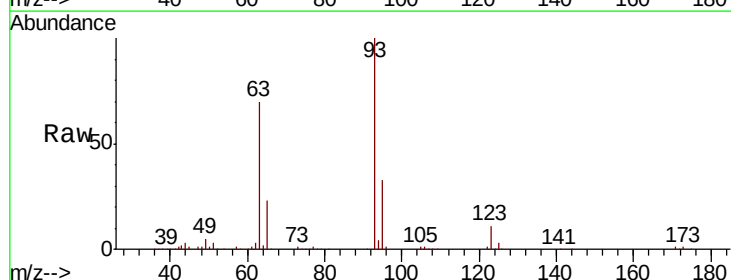
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.130 ng
RT: 10.28 min Scan# 1224
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.2	39.4
123	10.7	9.4	14.0

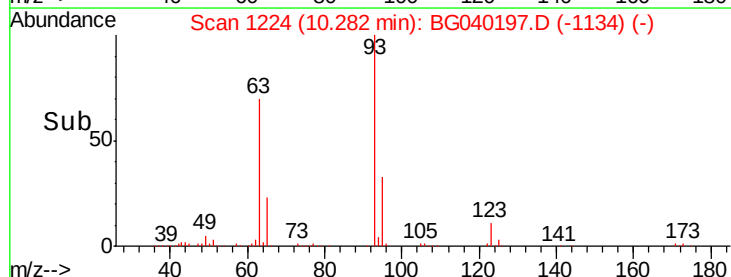
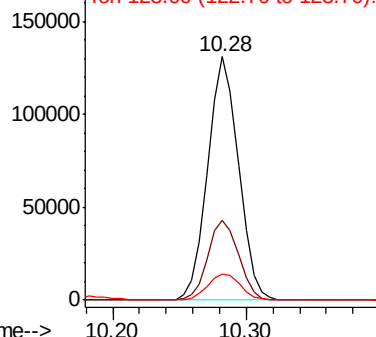


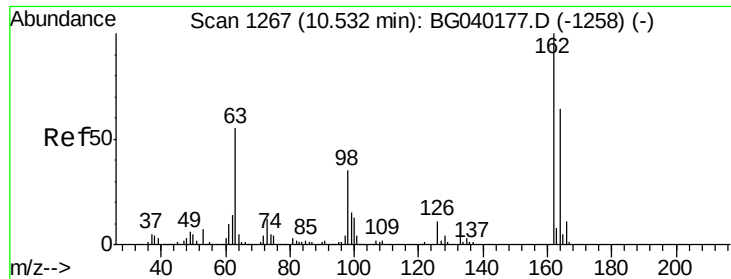
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

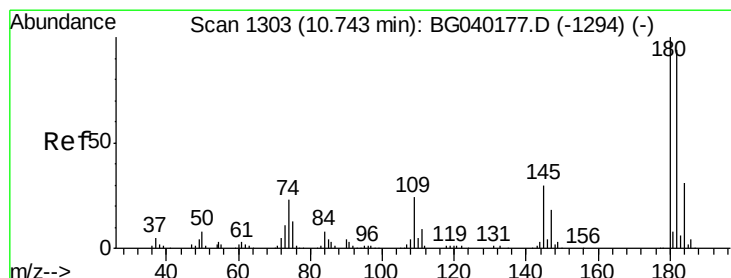
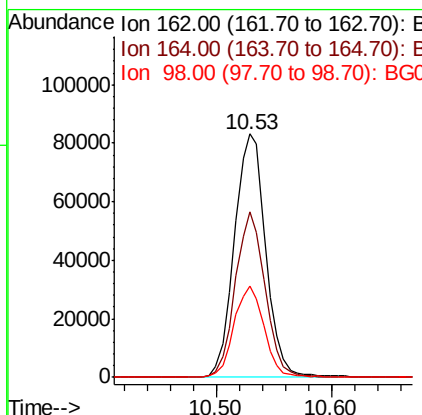
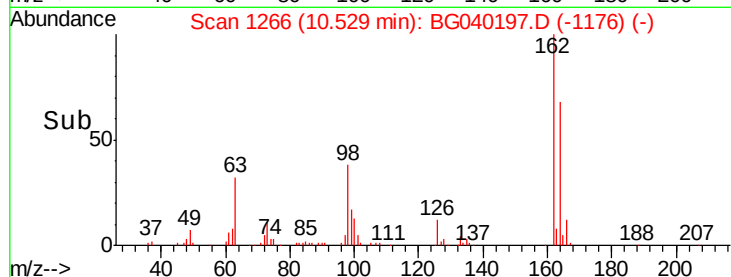
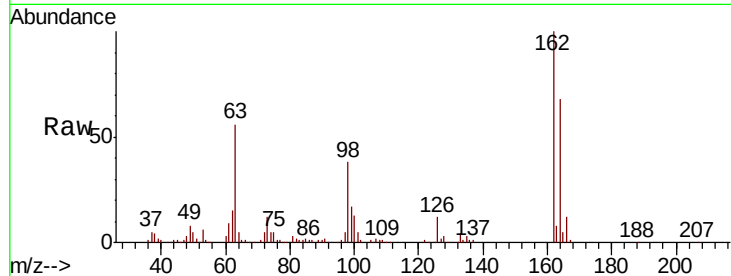




#29
 2,4-Dichlorophenol
 Concen: 41.842 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

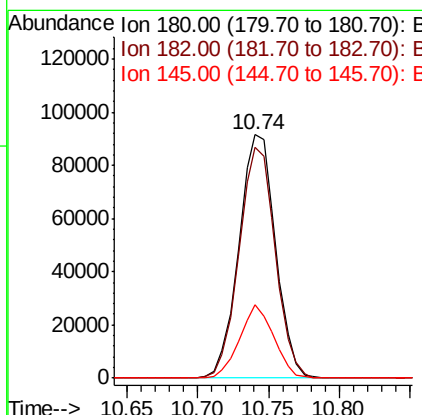
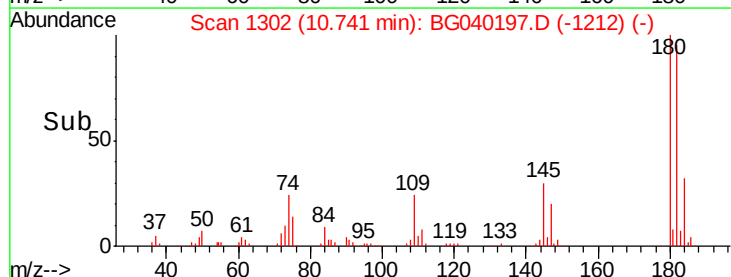
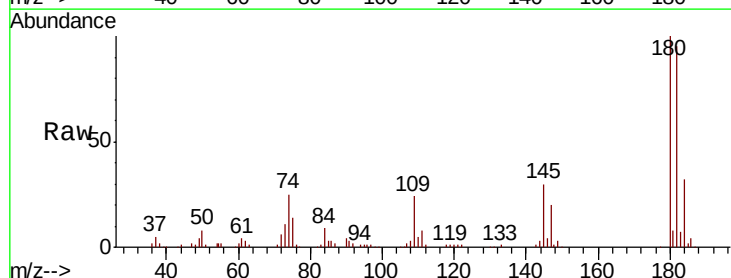
Instrument :
 BNA_G
 ClientSampled :
 PB118345BS

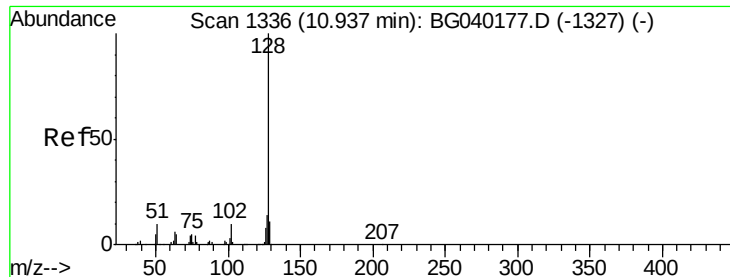
Tgt Ion:162 Resp: 155676
 Ion Ratio Lower Upper
 162 100
 164 67.9 43.9 83.9
 98 37.7 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.526 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion:180 Resp: 165561
 Ion Ratio Lower Upper
 180 100
 182 94.9 75.1 112.7
 145 30.0 24.1 36.1

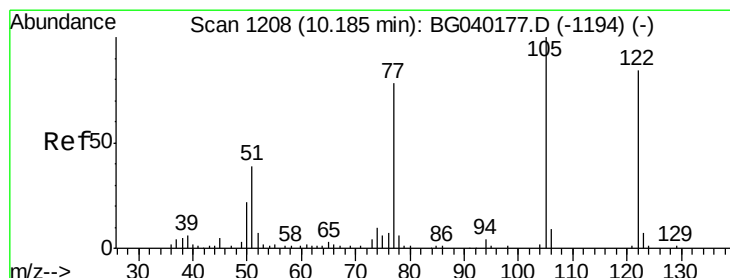
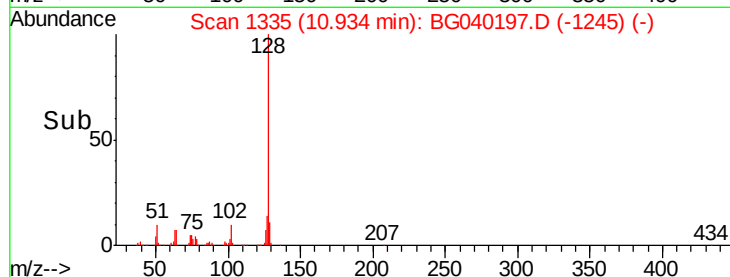
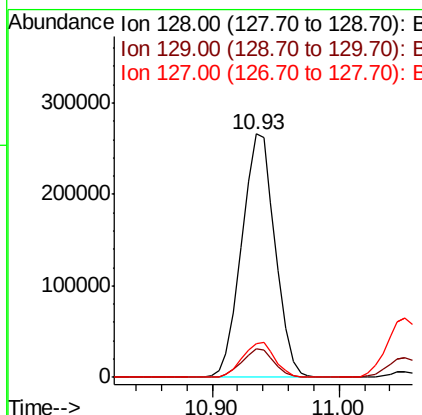
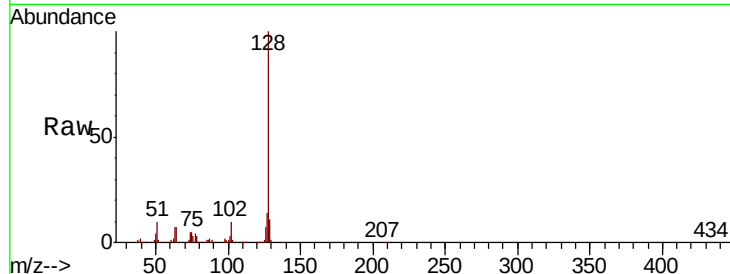




#31
Naphthalene
Concen: 40.398 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

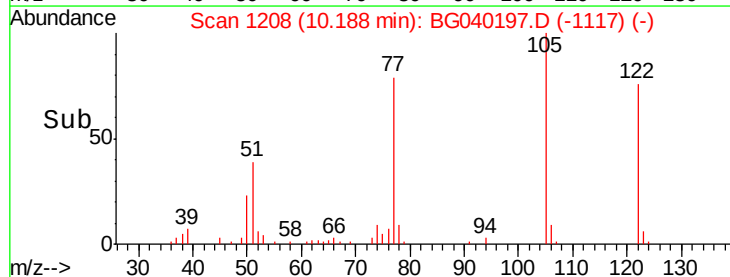
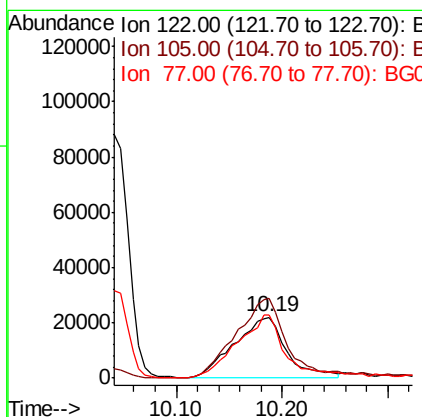
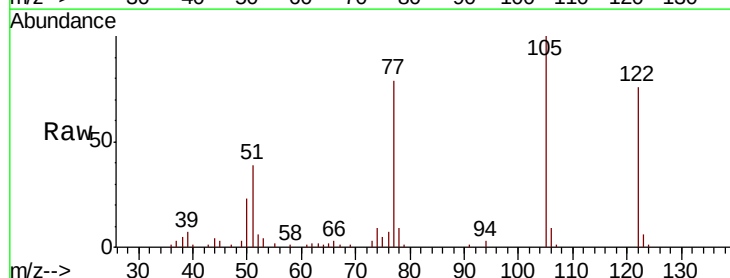
Instrument :
BNA_G
ClientSampleId :
PB118345BS

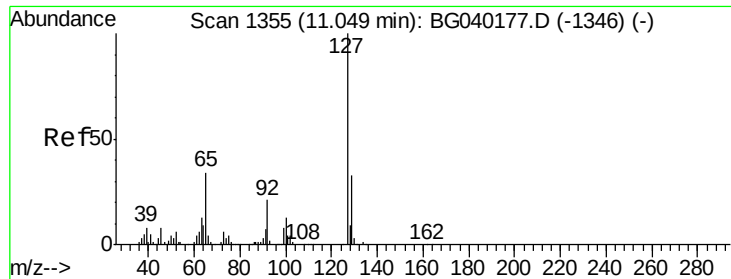
Tgt Ion:128 Resp: 484050
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.9 11.4 17.0



#32
Benzoic acid
Concen: 35.361 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:122 Resp: 73233
Ion Ratio Lower Upper
122 100
105 130.9 98.2 138.2
77 103.4 73.6 113.6

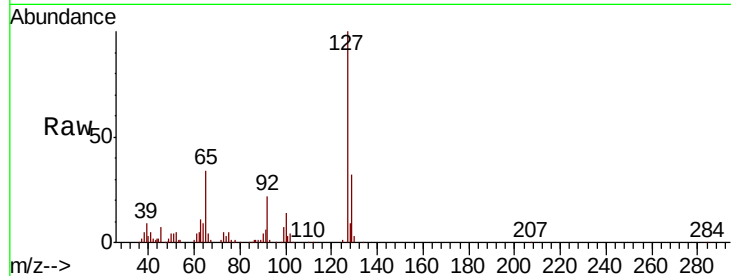




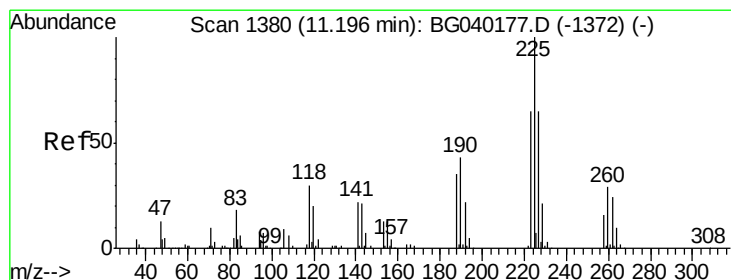
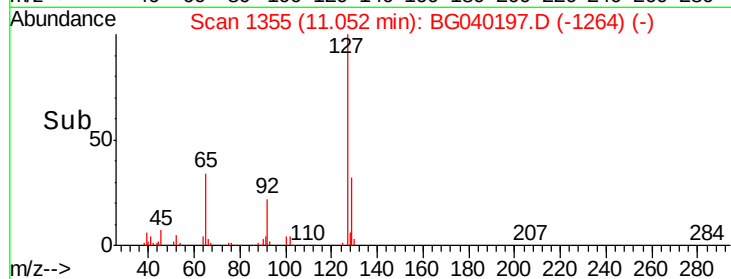
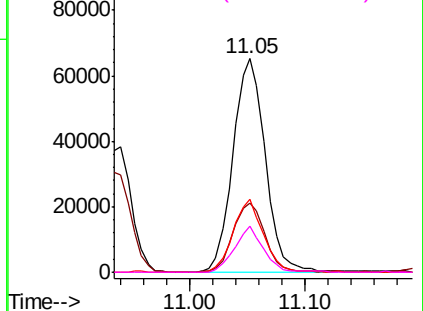
#33
4-Chloroaniline
Concen: 24.741 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:	127	Resp:	126453
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.6	40.0
65	34.0	27.0	40.4
92	21.5	16.6	25.0

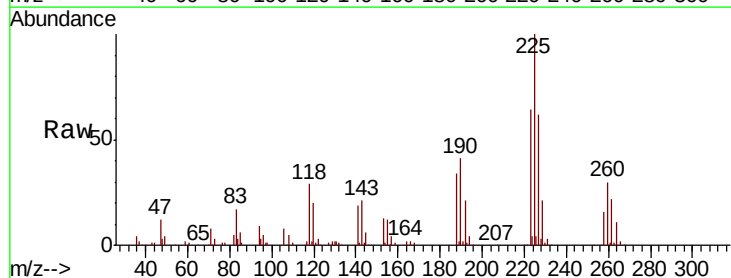


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

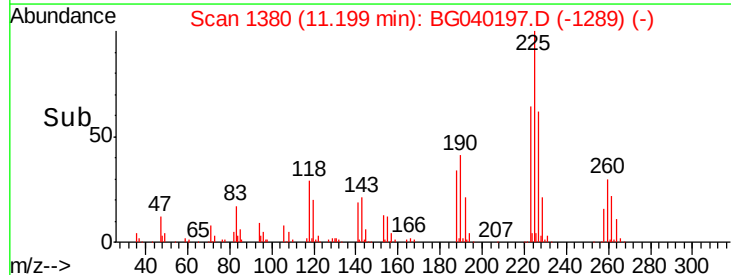
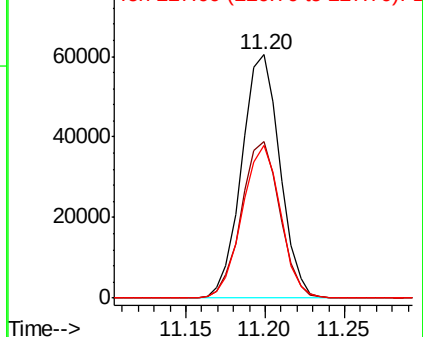


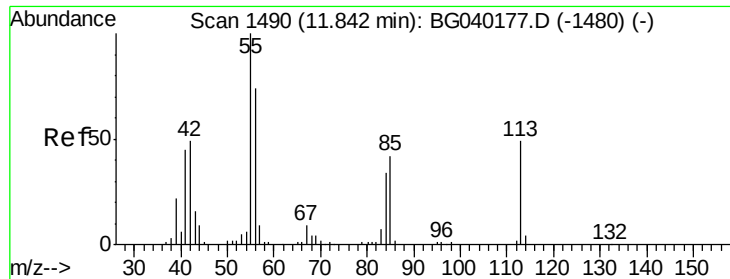
#34
Hexachlorobutadiene
Concen: 38.809 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:	225	Resp:	101399
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.8	77.8
227	62.5	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: 21.449 ng

RT: 11.83 min Scan# 1488

Delta R.T. -0.01 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

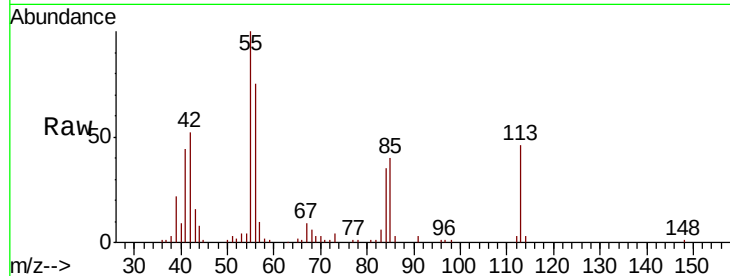
Tgt Ion:113 Resp: 31669

Ion Ratio Lower Upper

113 100

55 218.6 184.2 224.2

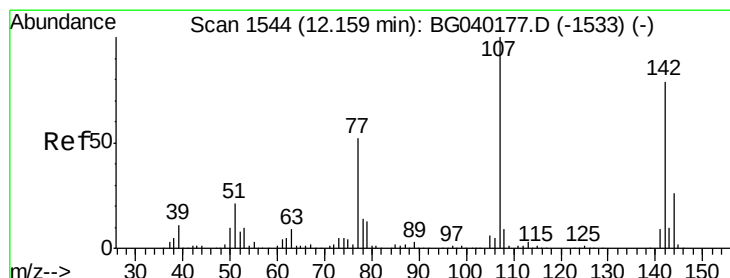
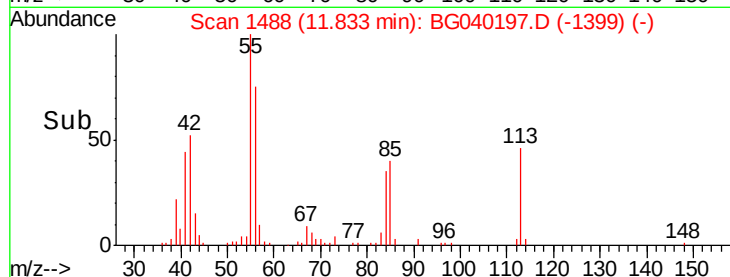
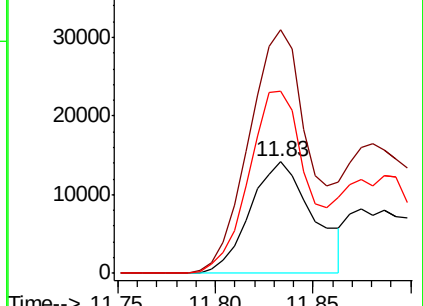
56 163.2 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 40.155 ng

RT: 12.16 min Scan# 1543

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

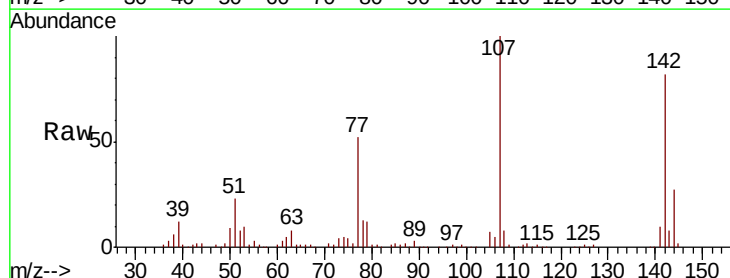
Tgt Ion:107 Resp: 171754

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

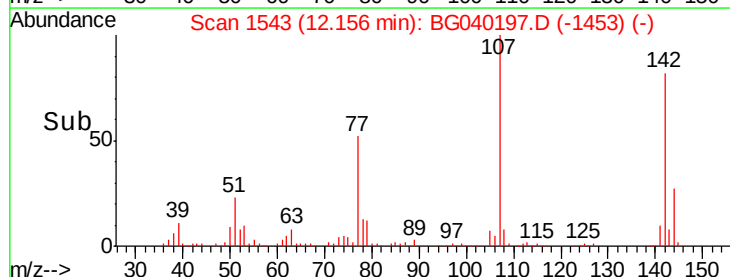
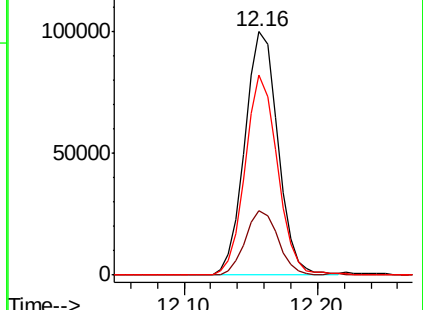
142 82.4 63.1 94.7

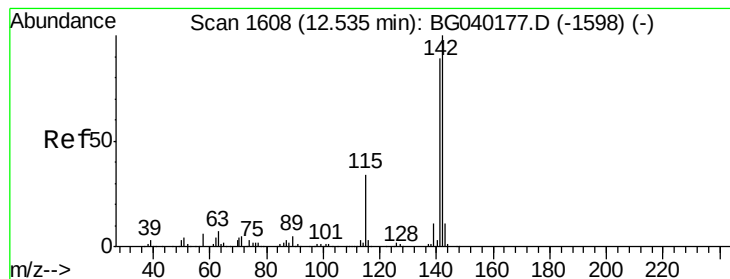


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.054 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

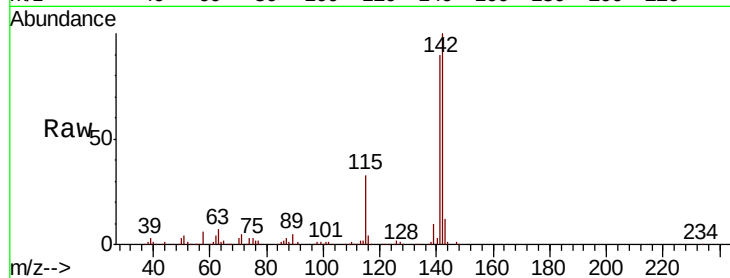
Tgt Ion:142 Resp: 354946

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

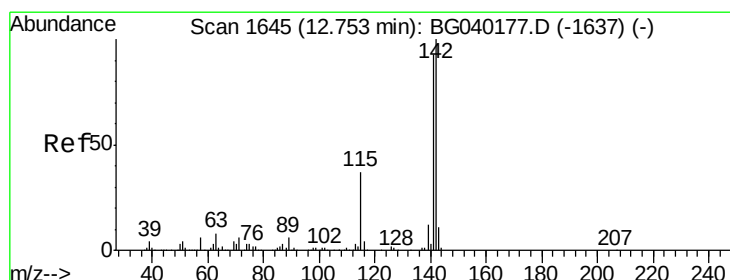
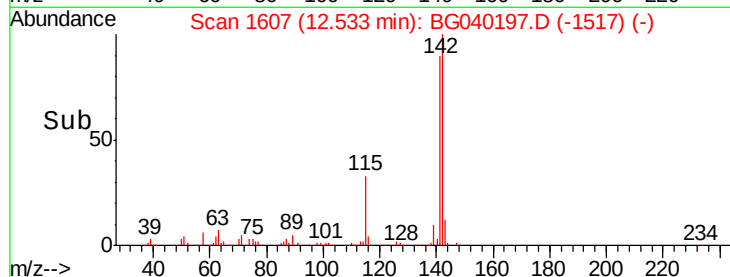
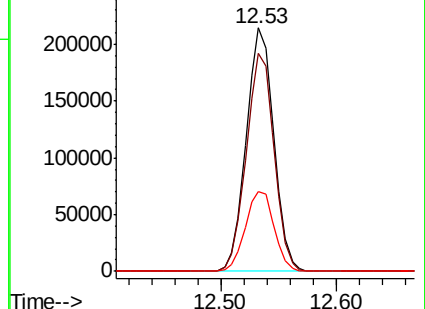
115 32.7 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.833 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

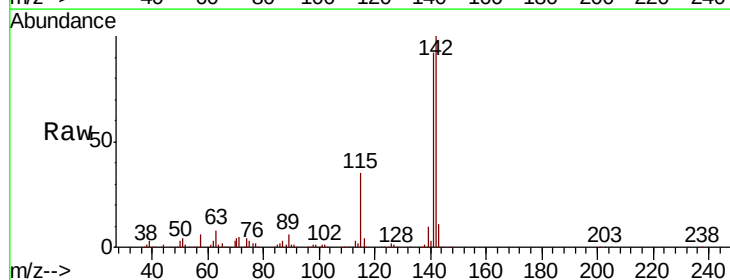
Tgt Ion:142 Resp: 342288

Ion Ratio Lower Upper

142 100

141 91.6 74.2 111.4

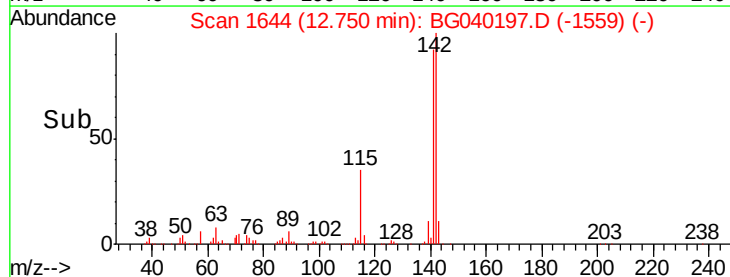
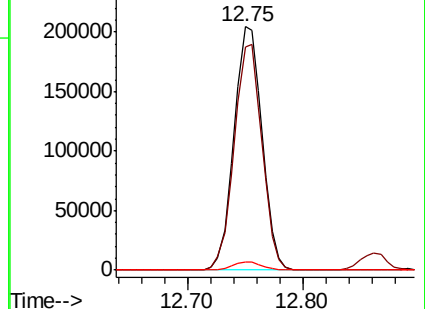
116 3.6 3.0 4.4

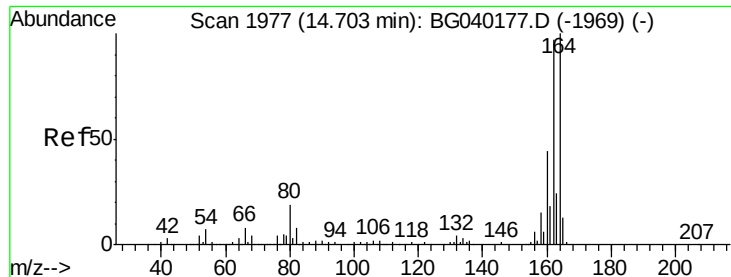


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

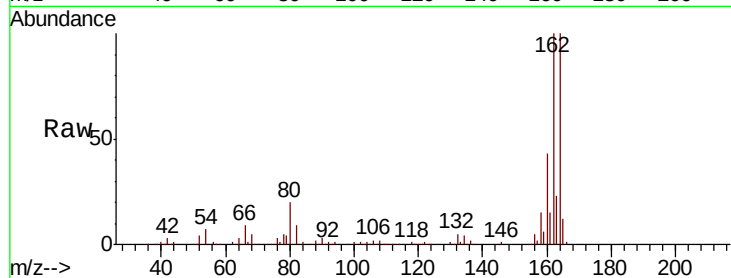
Tgt Ion:164 Resp: 144287

Ion Ratio Lower Upper

164 100

162 99.9 77.4 116.2

160 43.3 35.3 52.9

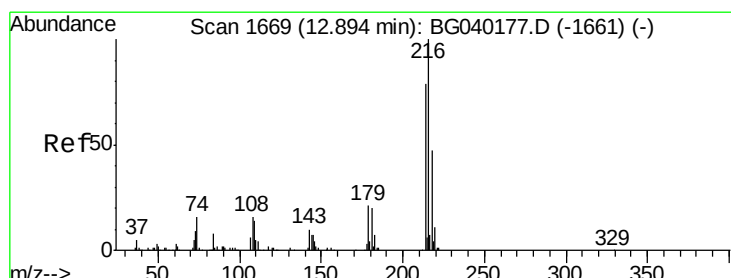
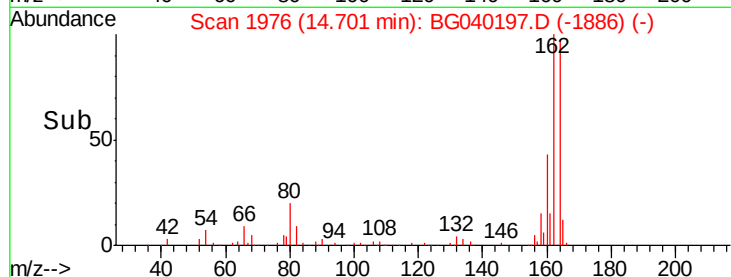
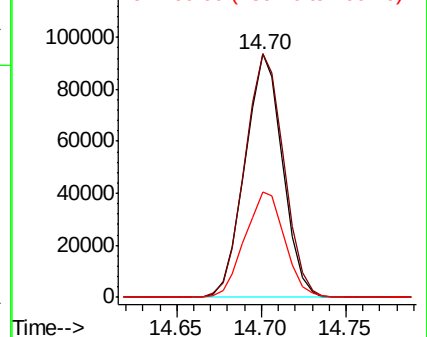


Abundance

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: 39.193 ng

RT: 12.90 min Scan# 1669

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Tgt Ion:216 Resp: 179737

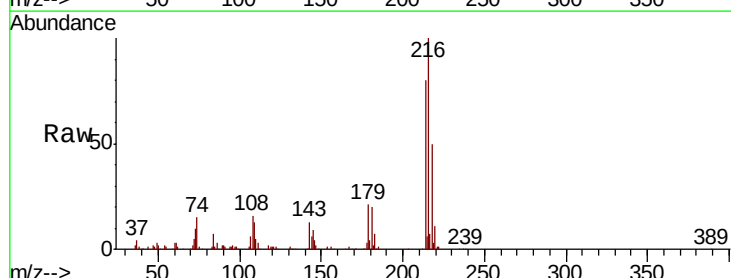
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.7 16.6 25.0

108 19.8 13.8 20.8



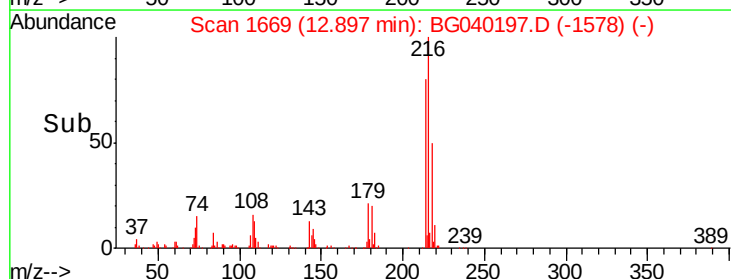
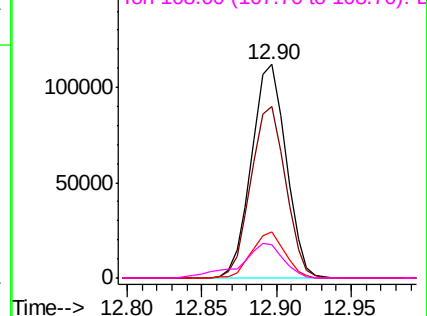
Abundance

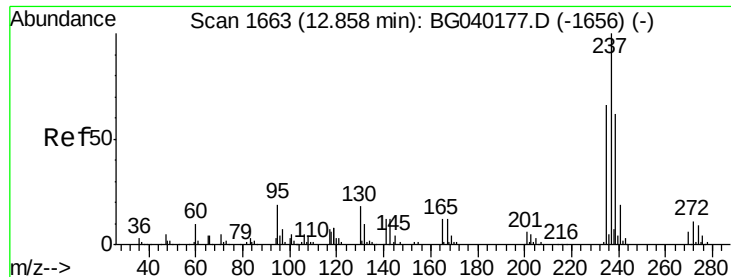
Ion 216.00 (215.70 to 216.70): E

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: 83.695 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

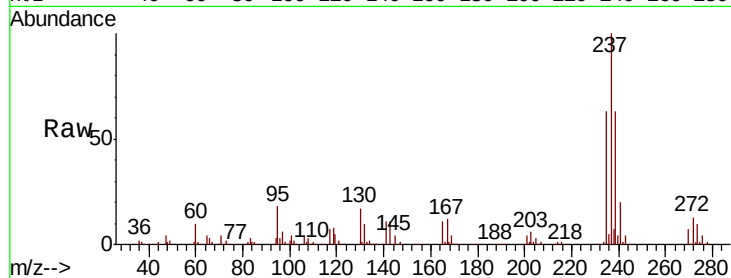
Tgt Ion:237 Resp: 210746

Ion Ratio Lower Upper

237 100

235 63.3 46.2 86.2

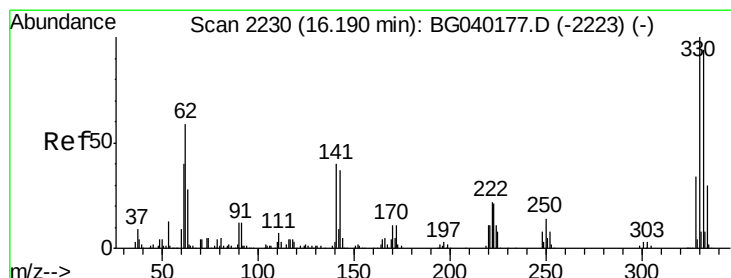
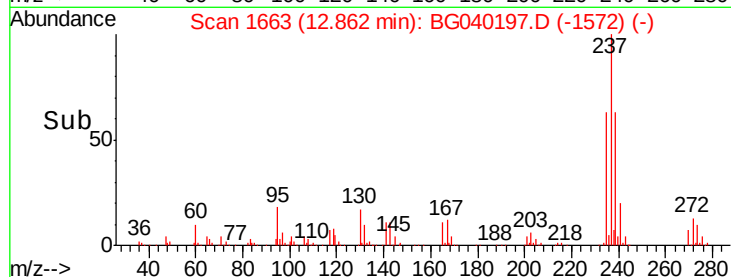
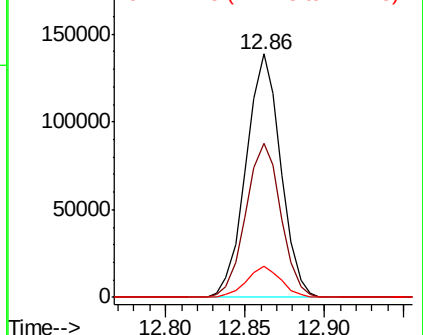
272 12.7 0.0 30.5



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: 140.958 ng

RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

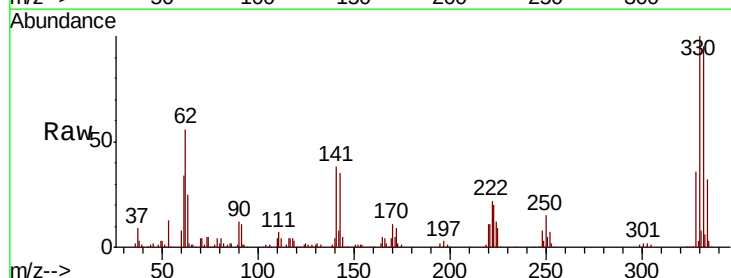
Tgt Ion:330 Resp: 219805

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

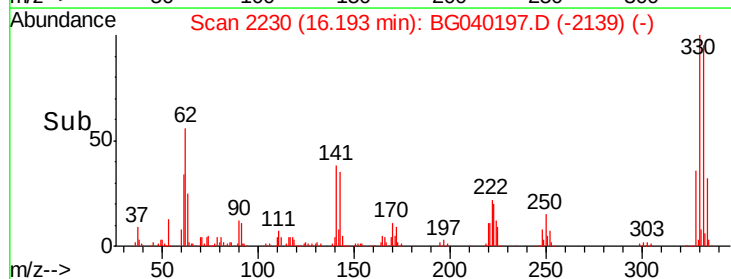
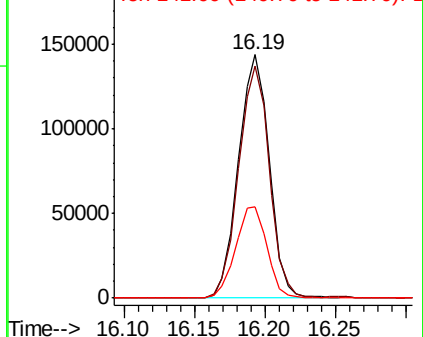
141 38.1 32.6 48.8

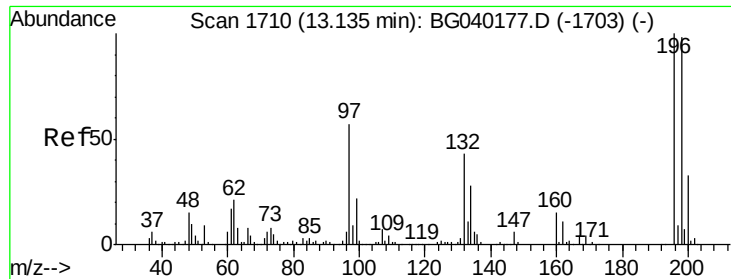


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

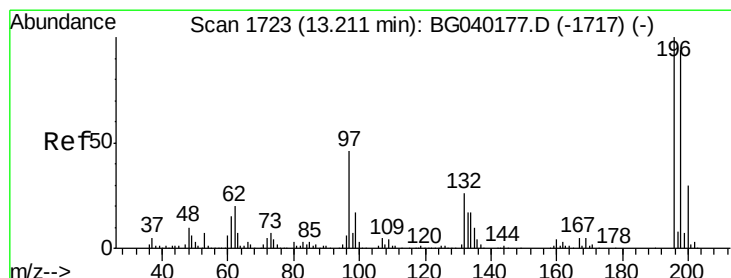
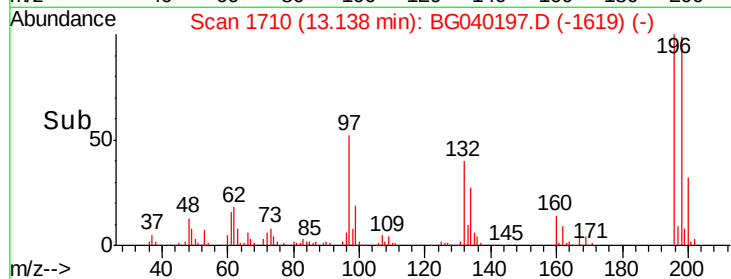
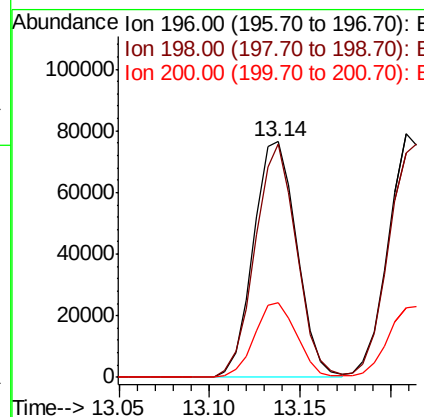
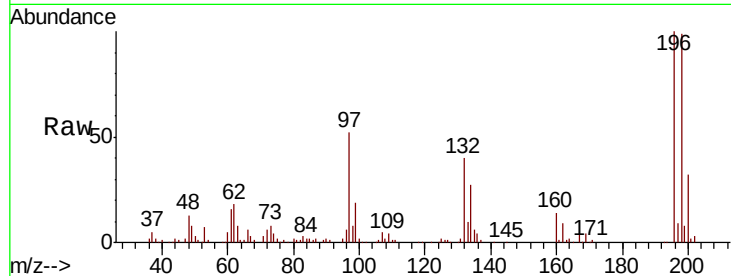




#43
 2,4,6-Trichlorophenol
 Concen: 42.886 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

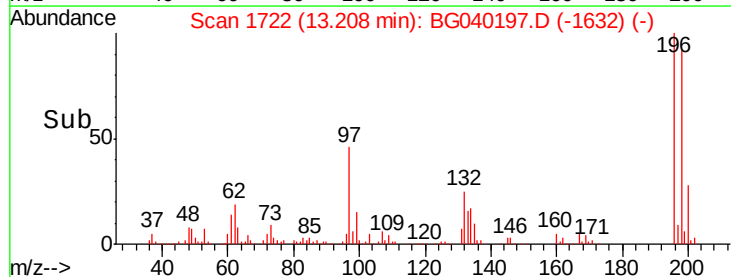
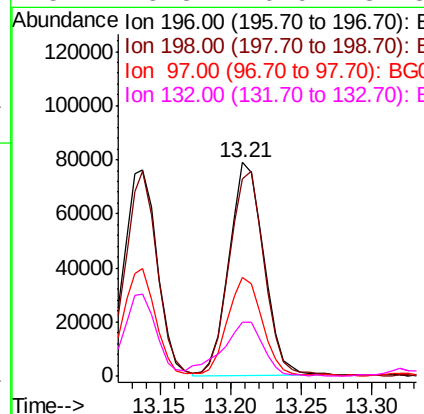
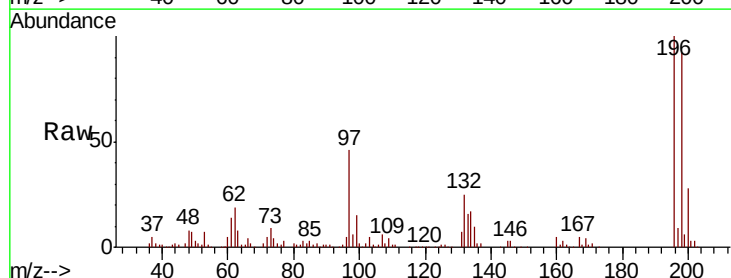
Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

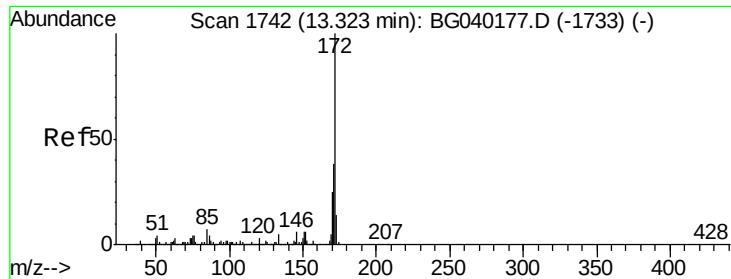
Tgt Ion:196 Resp: 126802
 Ion Ratio Lower Upper
 196 100
 198 99.0 78.3 117.5
 200 31.9 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.139 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion:196 Resp: 135804
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.0 112.6
 97 45.9 37.3 55.9
 132 25.3 20.9 31.3

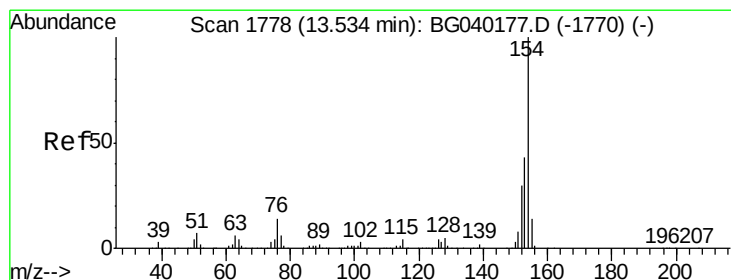
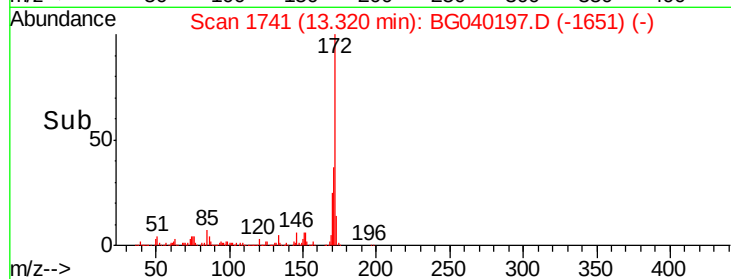
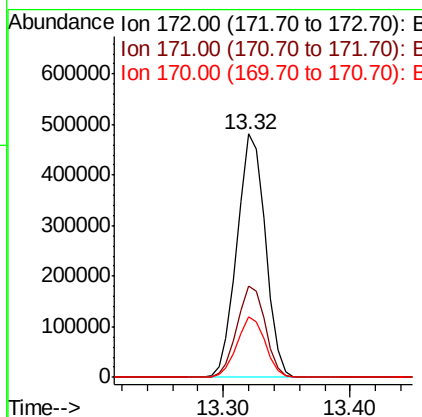
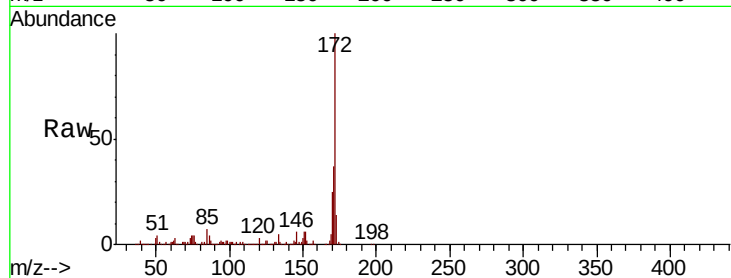




#45
2-Fluorobiphenyl
Concen: 76.466 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

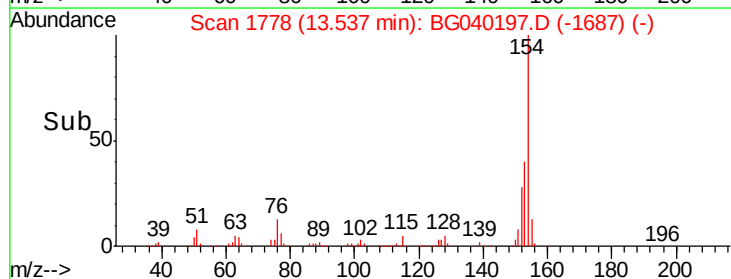
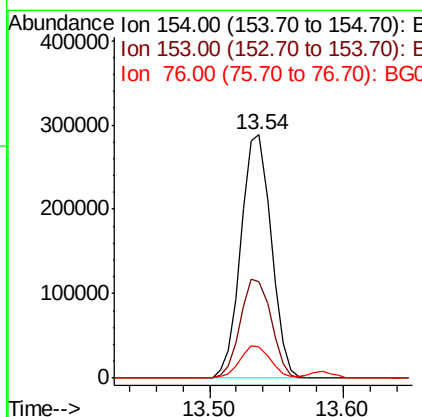
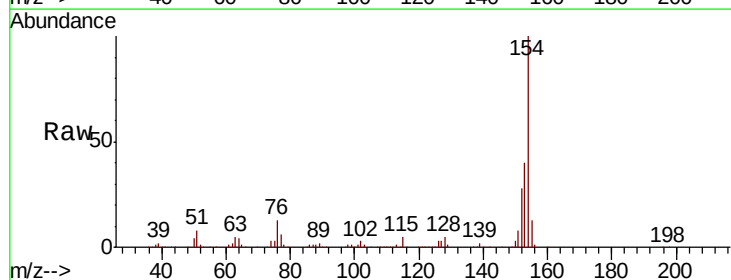
Instrument :
BNA_G
ClientSampleId :
PB118345BS

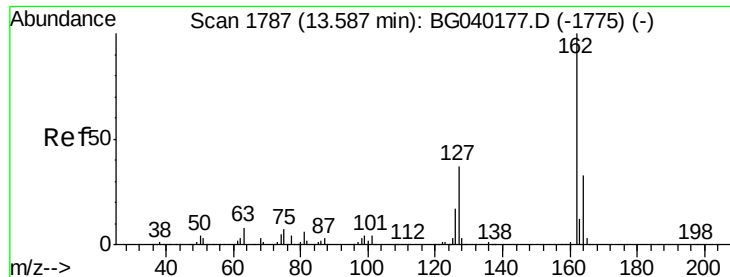
Tgt Ion:172 Resp: 744594
Ion Ratio Lower Upper
172 100
171 37.4 30.5 45.7
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 39.687 ng
RT: 13.54 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:154 Resp: 452459
Ion Ratio Lower Upper
154 100
153 39.7 22.5 62.5
76 12.7 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.362 ng

RT: 13.58 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

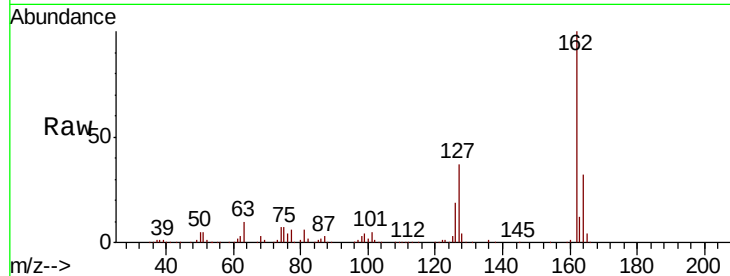
Tgt Ion: 162 Resp: 352960

Ion Ratio Lower Upper

162 100

127 36.9 30.6 45.8

164 32.5 26.2 39.4

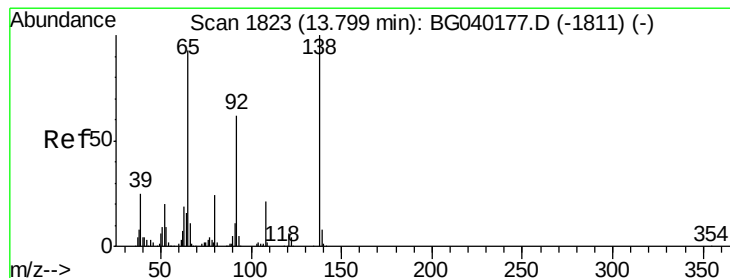
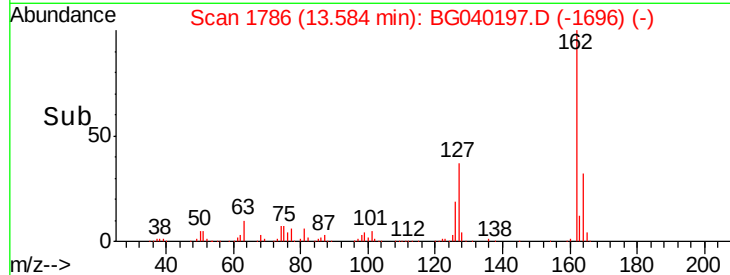
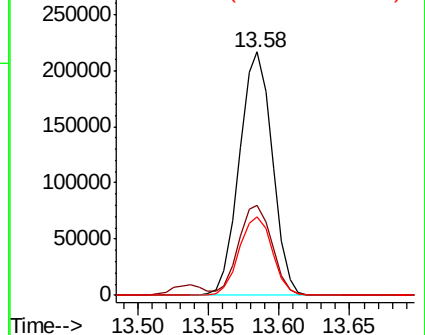


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 39.506 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

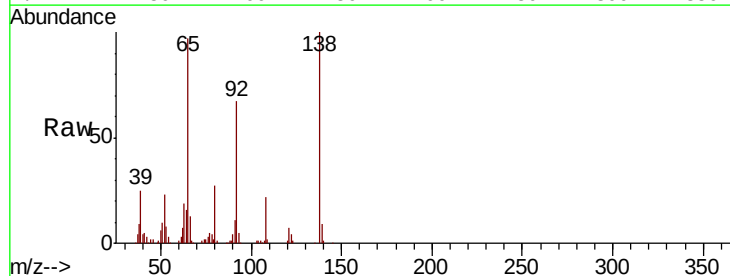
Tgt Ion: 65 Resp: 116532

Ion Ratio Lower Upper

65 100

92 68.9 53.8 80.6

138 102.9 86.3 129.5

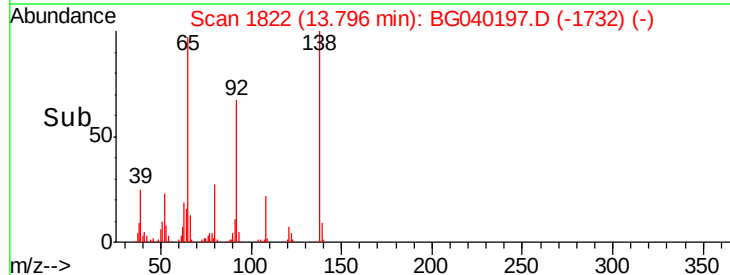
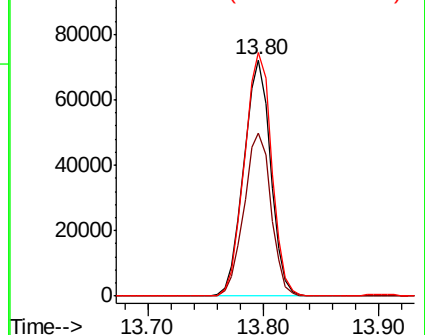


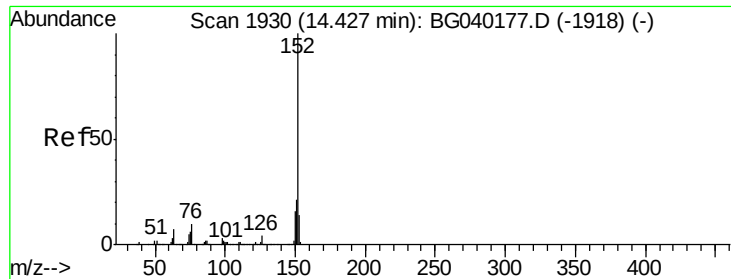
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.697 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

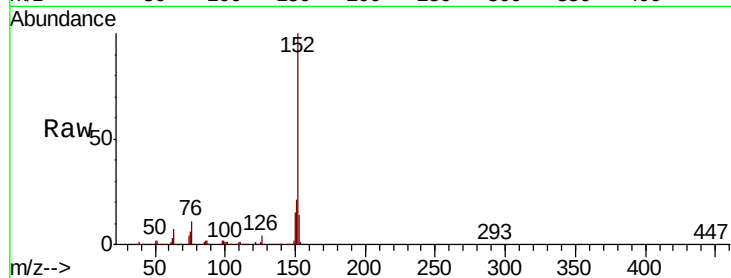
Tgt Ion:152 Resp: 588584

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.6

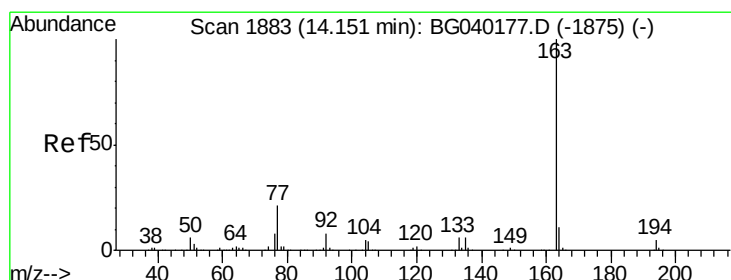
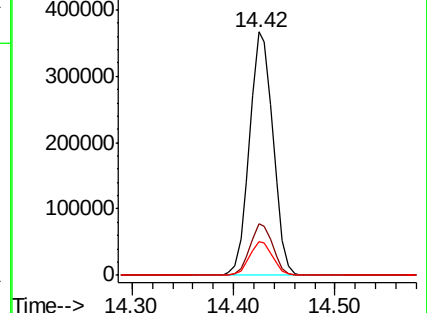
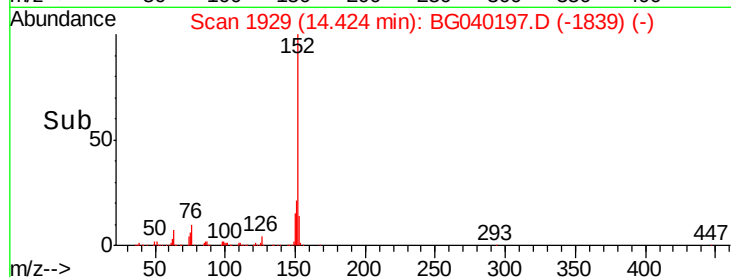
153 13.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.177 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

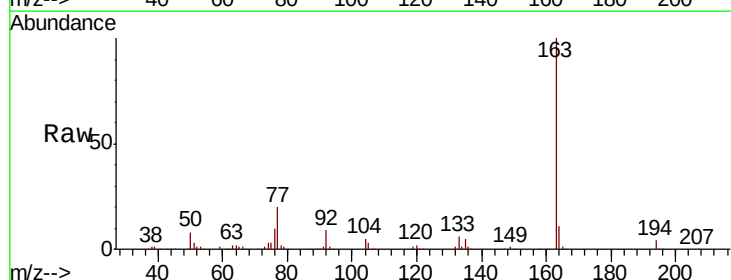
Tgt Ion:163 Resp: 464988

Ion Ratio Lower Upper

163 100

194 4.4 4.1 6.1

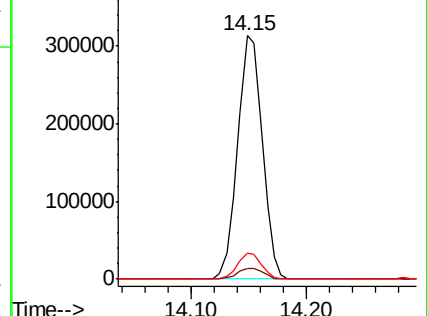
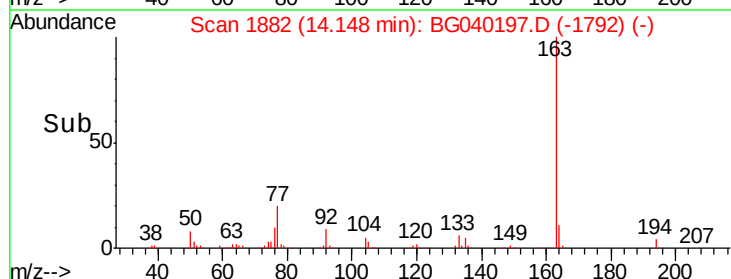
164 10.6 8.6 13.0

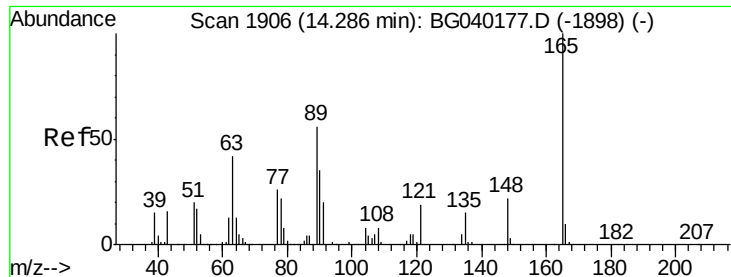


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

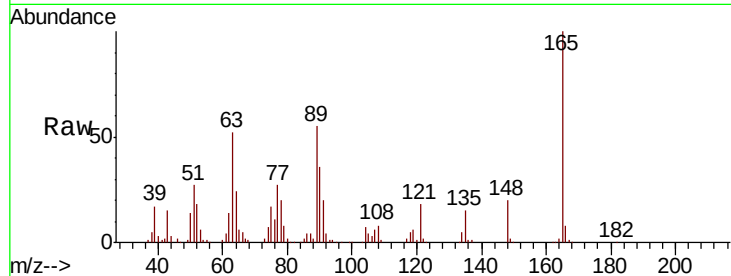




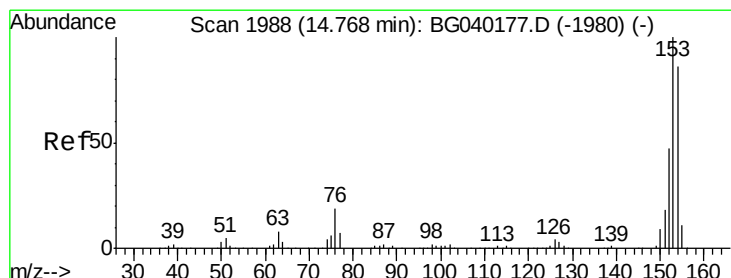
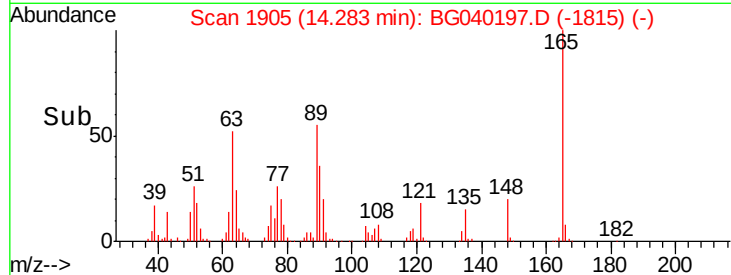
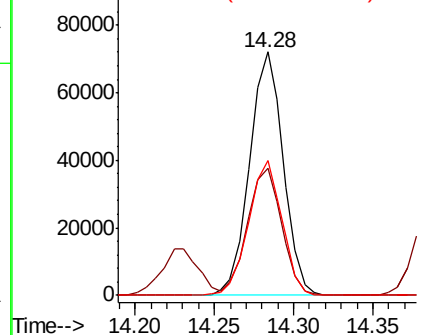
#51
 2,6-Dinitrotoluene
 Concen: 41.925 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

Tgt Ion:165 Resp: 106304
 Ion Ratio Lower Upper
 165 100
 63 52.5 44.1 66.1
 89 55.2 44.9 67.3

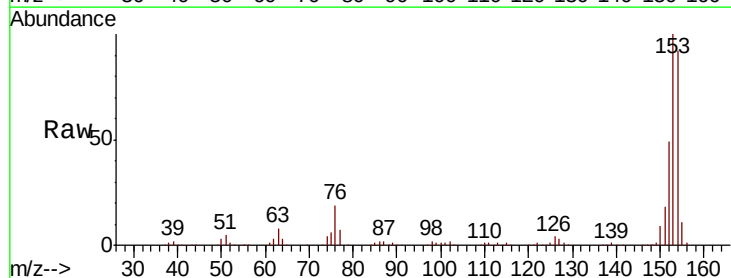


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

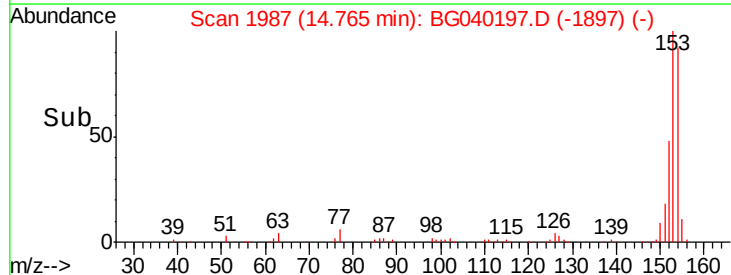
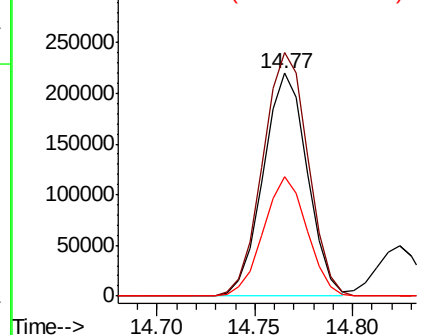


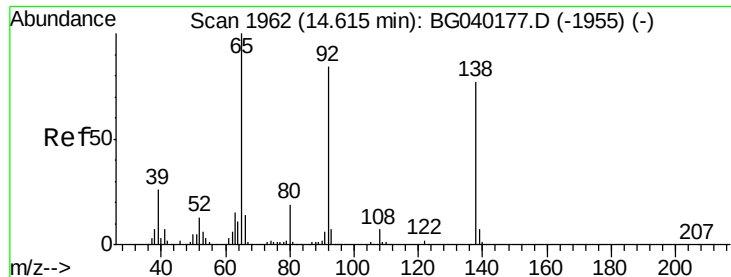
#52
 Acenaphthene
 Concen: 40.254 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion:154 Resp: 341997
 Ion Ratio Lower Upper
 154 100
 153 109.1 92.8 139.2
 152 53.7 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

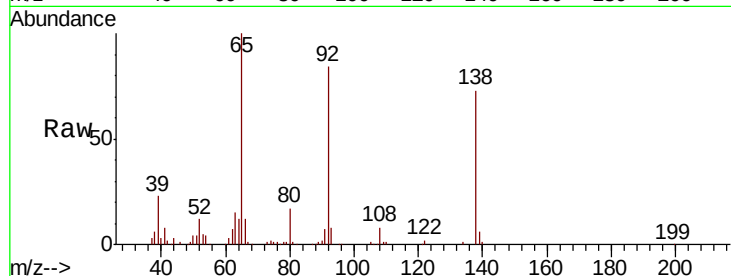




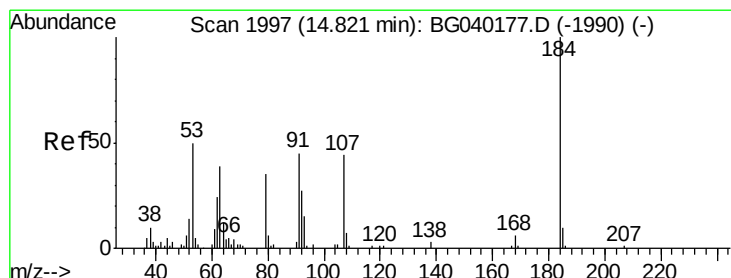
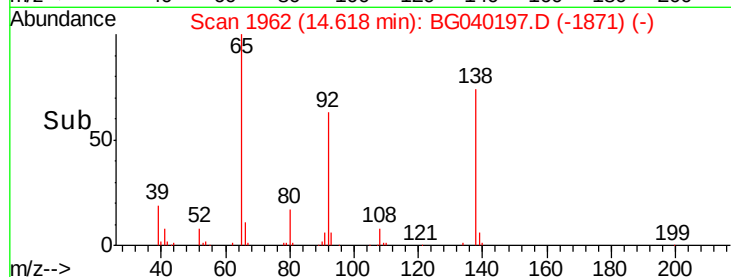
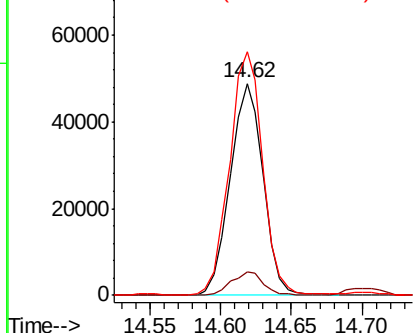
#53
3-Nitroaniline
Concen: 29.535 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:138 Resp: 79271
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.8
92 114.8 87.5 131.3

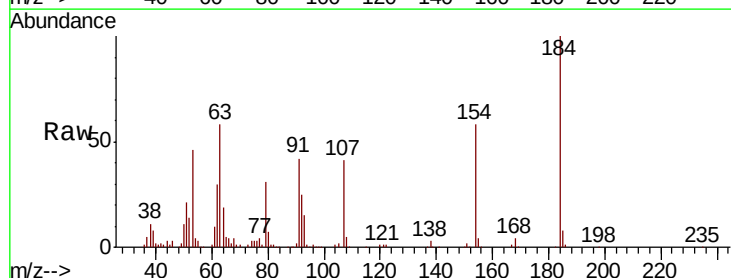


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

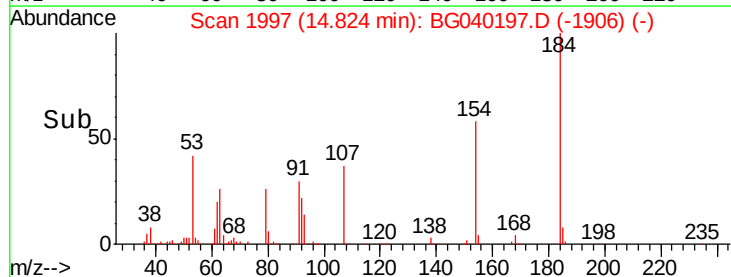
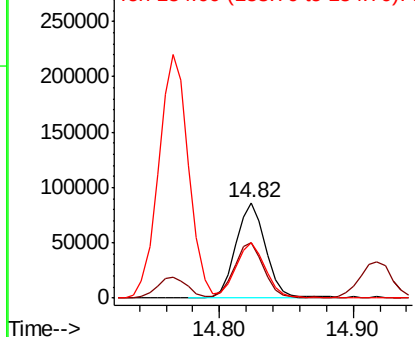


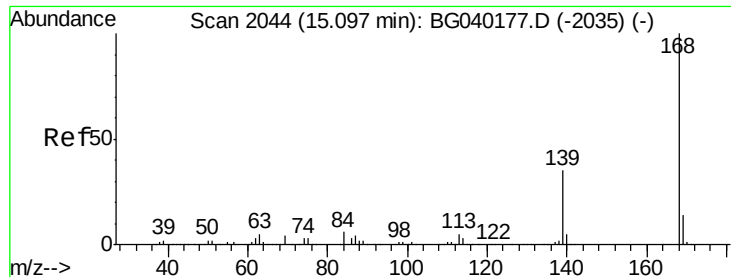
#54
2,4-Dinitrophenol
Concen: 99.221 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:184 Resp: 133797
Ion Ratio Lower Upper
184 100
63 58.3 51.8 77.8
154 57.7 50.9 76.3



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

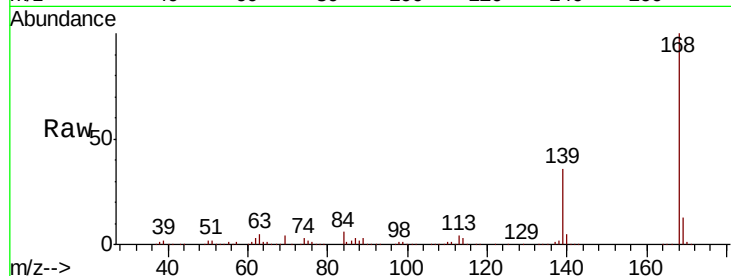




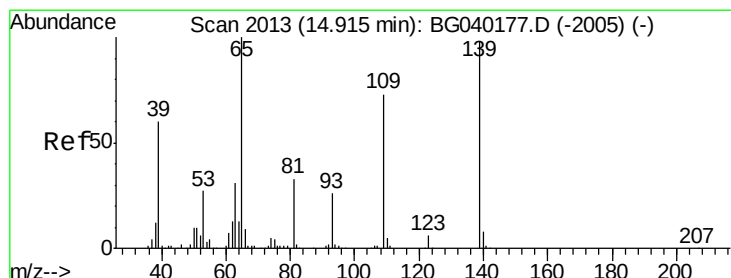
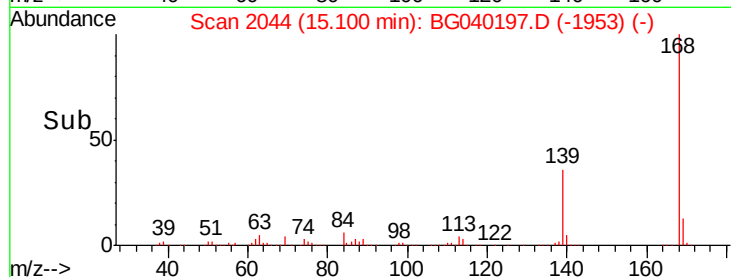
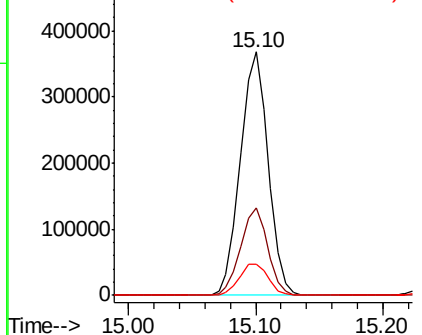
#55
Dibenzenofuran
Concen: 40.930 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:168 Resp: 558776
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 12.9 11.3 16.9

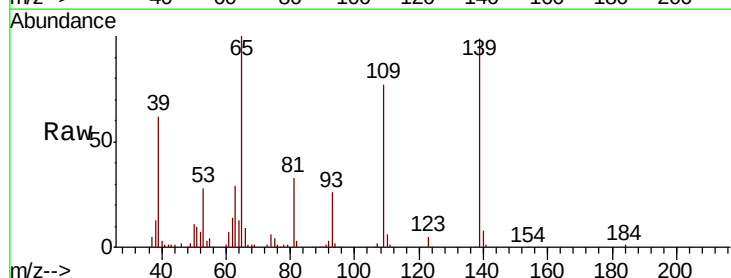


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

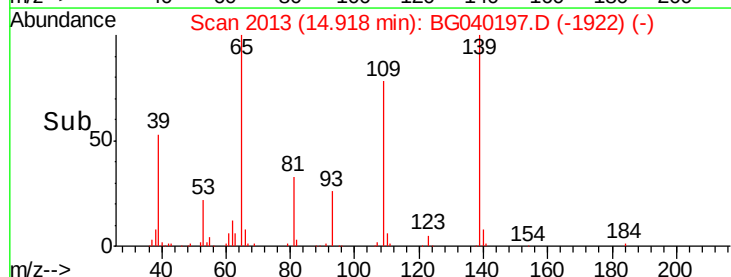
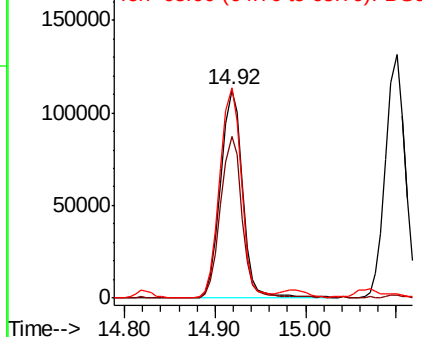


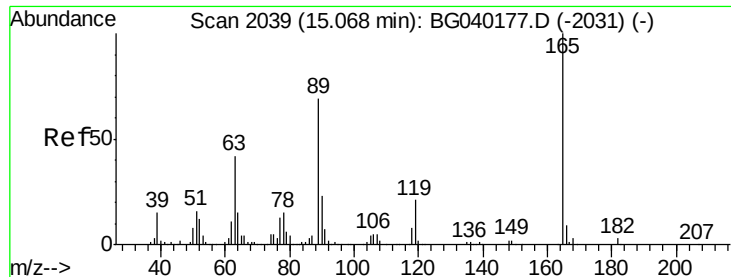
#56
4-Nitrophenol
Concen: 87.382 ng
RT: 14.92 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:139 Resp: 189287
Ion Ratio Lower Upper
139 100
109 77.9 54.3 94.3
65 100.8 82.5 122.5



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

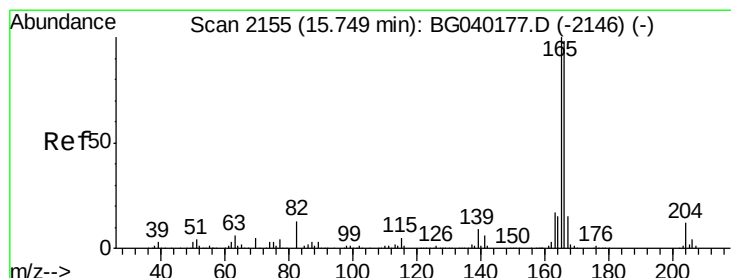
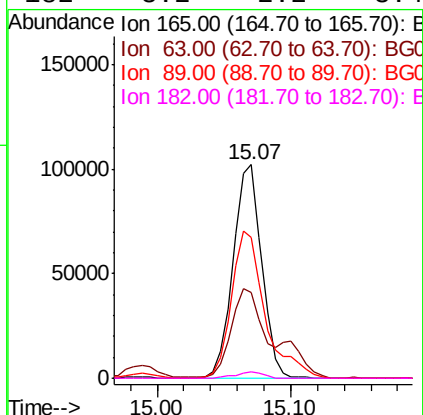
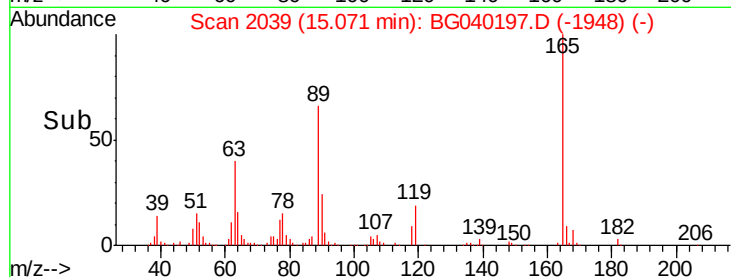
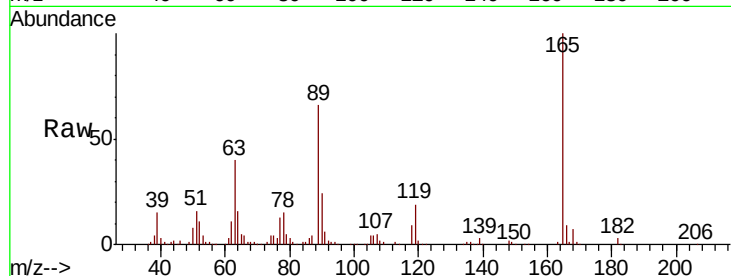




#57
2,4-Dinitrotoluene
Concen: 43.103 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

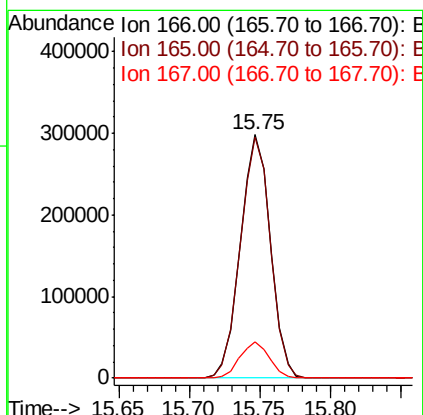
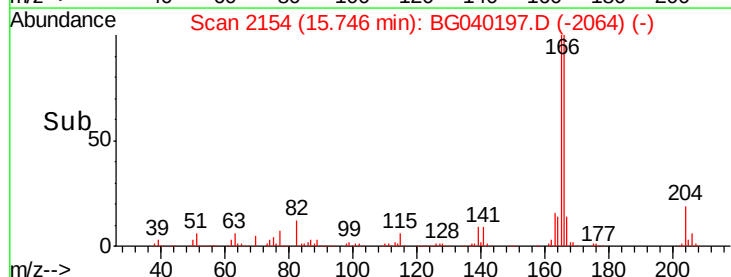
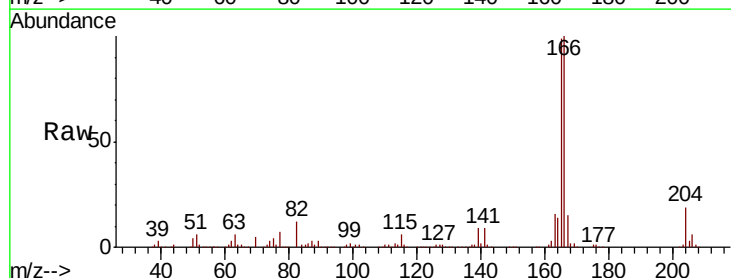
Instrument :
BNA_G
ClientSampleId :
PB118345BS

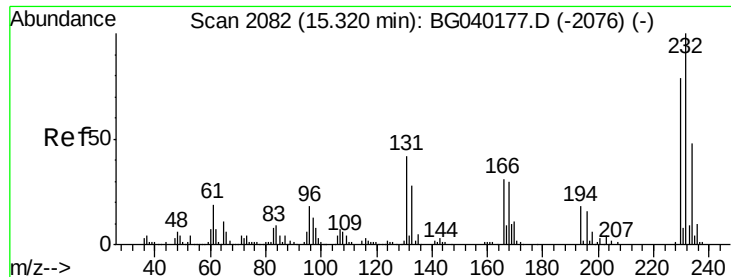
Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.4	33.8	50.6
89	65.8	55.4	83.2
182	3.2	2.2	3.4



#58
Fluorene
Concen: 41.215 ng
RT: 15.75 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	81.7	122.5
167	14.6	11.9	17.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.655 ng

RT: 15.32 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

Tgt Ion:232 Resp: 127668

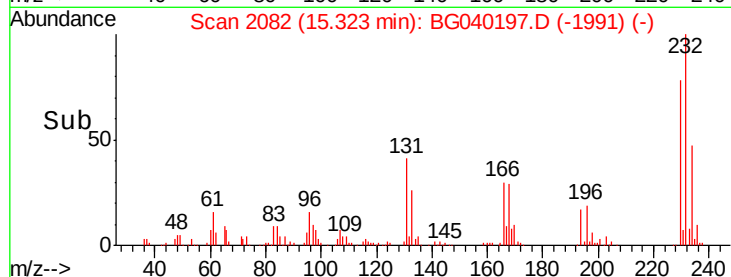
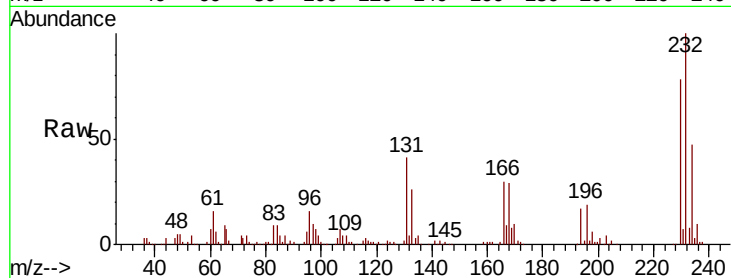
Ion Ratio Lower Upper

232 100

131 42.1 32.9 49.3

130 2.6 1.8 2.8

166 28.4 23.5 35.3

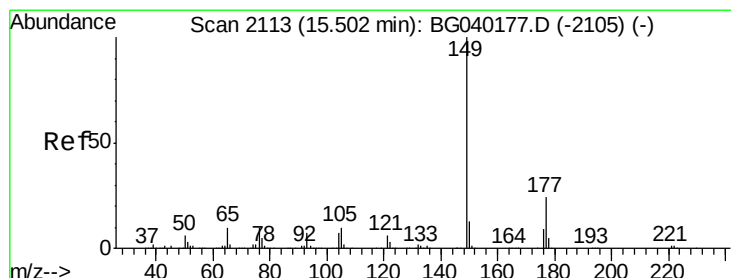
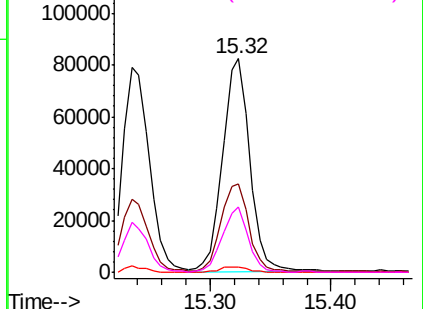


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 42.490 ng

RT: 15.51 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

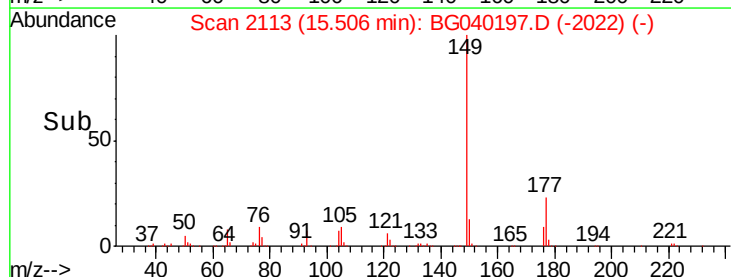
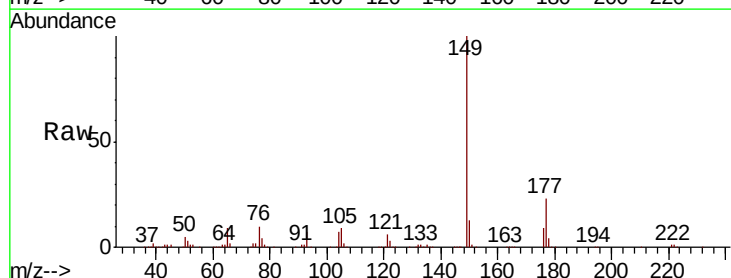
Tgt Ion:149 Resp: 490998

Ion Ratio Lower Upper

149 100

177 23.2 19.1 28.7

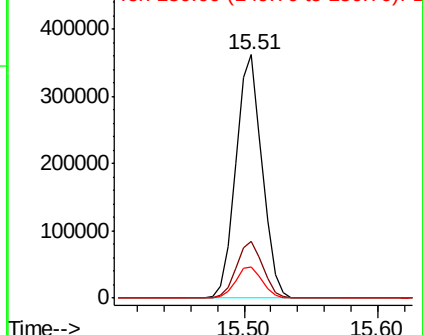
150 12.7 10.6 15.8

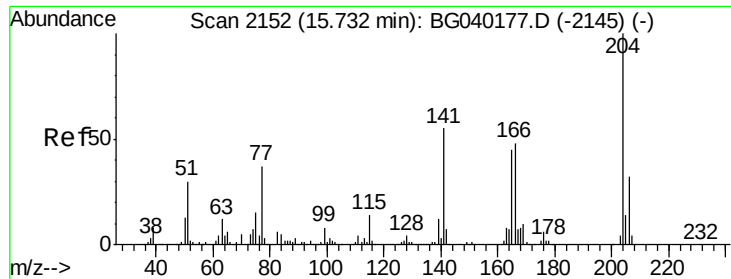


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

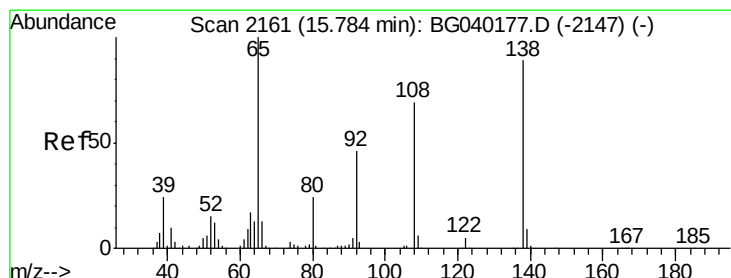
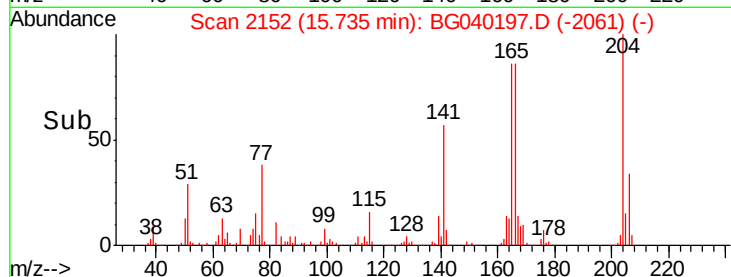
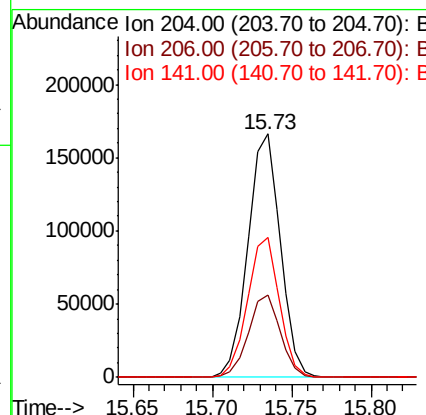
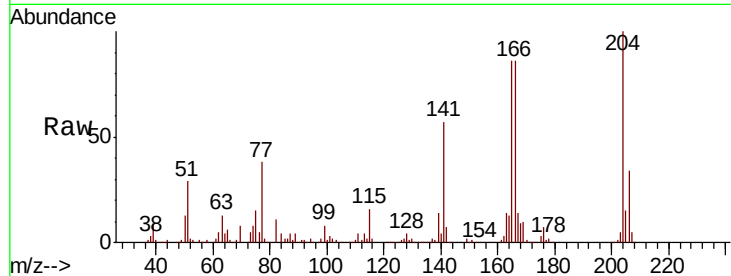




#61
4-Chlorophenyl-phenylether
Concen: 41.058 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

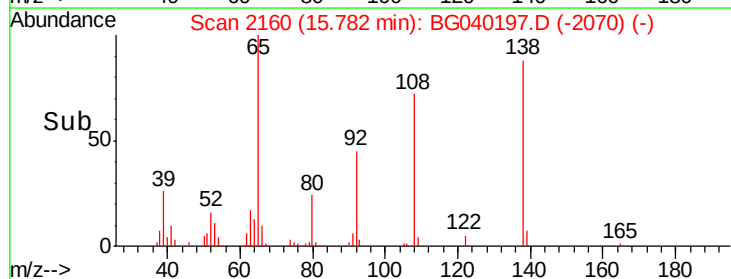
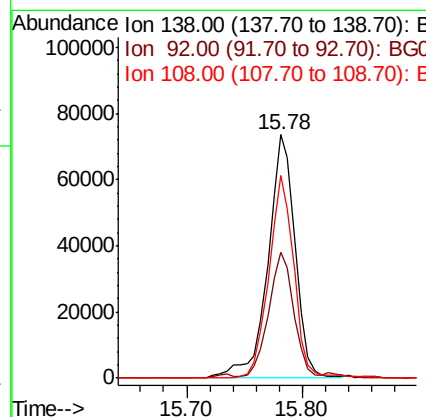
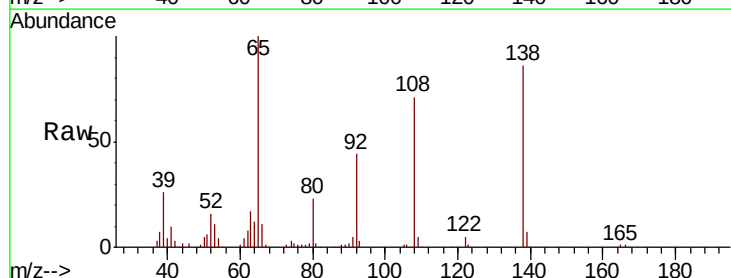
Instrument :
BNA_G
ClientSampleId :
PB118345BS

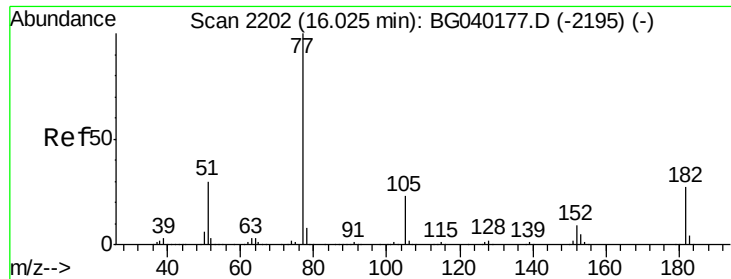
Tgt Ion:204 Resp: 235562
Ion Ratio Lower Upper
204 100
206 33.6 25.7 38.5
141 57.3 44.0 66.0



#62
4-Nitroaniline
Concen: 41.890 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:138 Resp: 120657
Ion Ratio Lower Upper
138 100
92 51.5 31.8 71.8
108 83.3 57.2 97.2

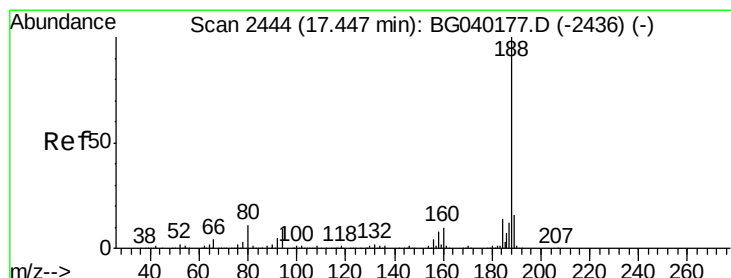
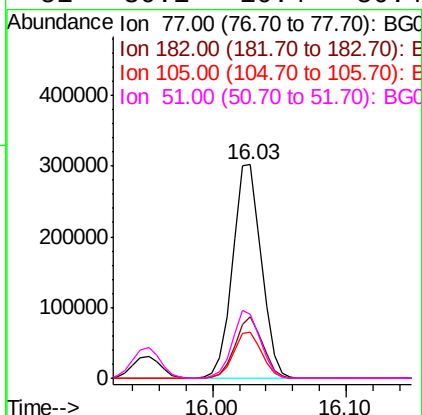
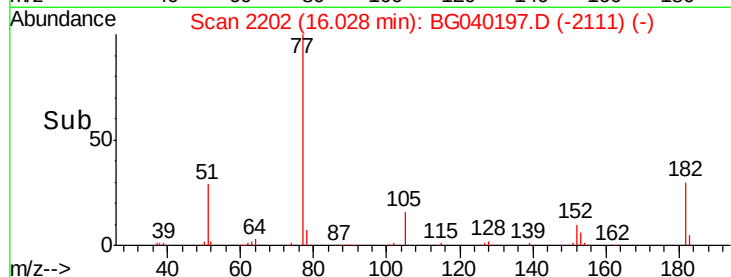
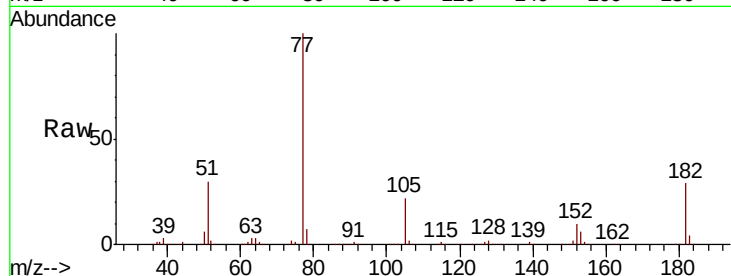




#63
Azobenzene
Concen: 41.496 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

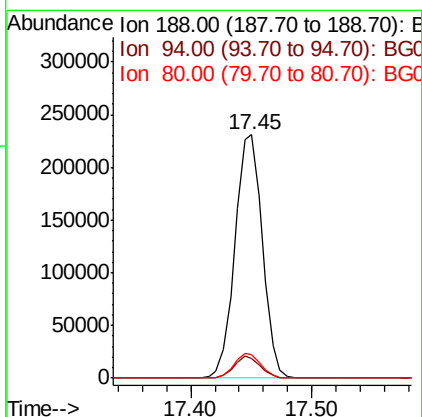
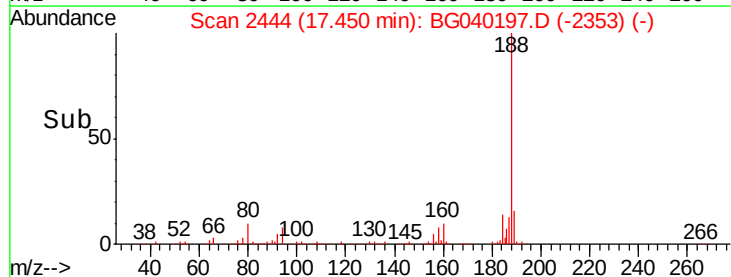
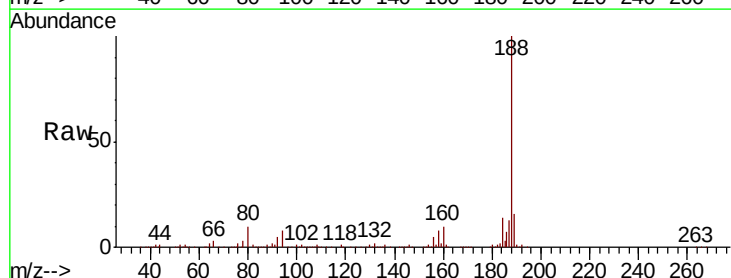
Instrument :
BNA_G
ClientSampleId :
PB118345BS

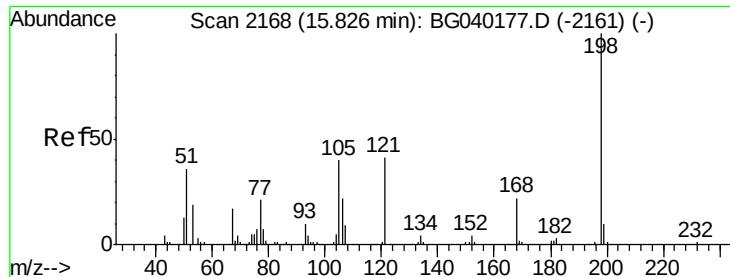
Tgt Ion: 77 Resp: 452301
Ion Ratio Lower Upper
77 100
182 29.0 7.2 47.2
105 21.7 2.8 42.8
51 30.1 10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion: 188 Resp: 365579
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.4
80 9.5 8.6 13.0

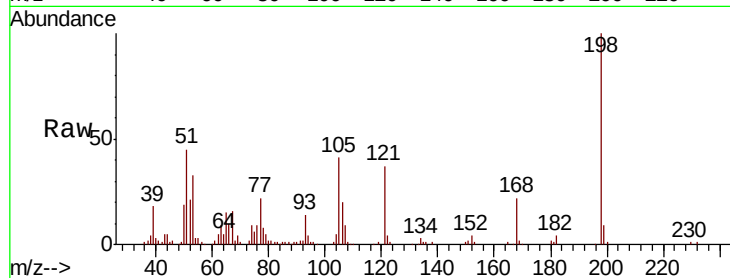




#65
 4,6-Dinitro-2-methylphenol
 Concen: 42.044 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

Tgt Ion	Resp	Lower	Upper
198	100		
51	45.3	27.3	67.3
105	40.7	21.7	61.7

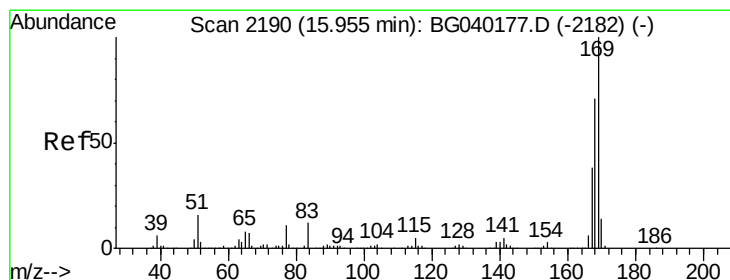
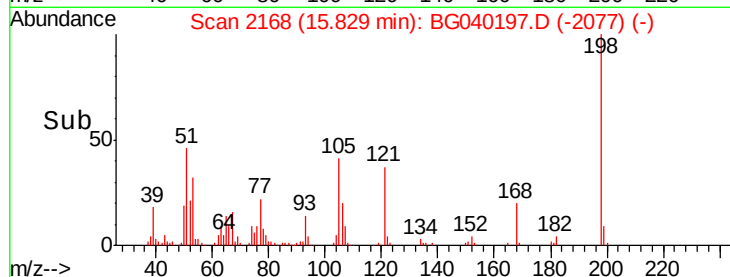
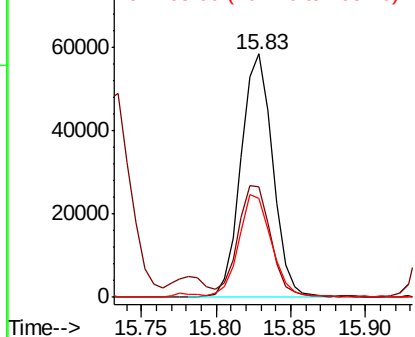


Abundance

Ion 198.00 (197.70 to 198.70): E

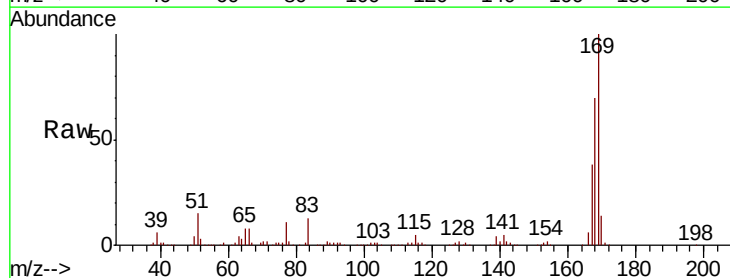
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 39.146 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion	Resp	Lower	Upper
169	100		
168	69.7	56.8	85.2
167	38.3	30.2	45.4

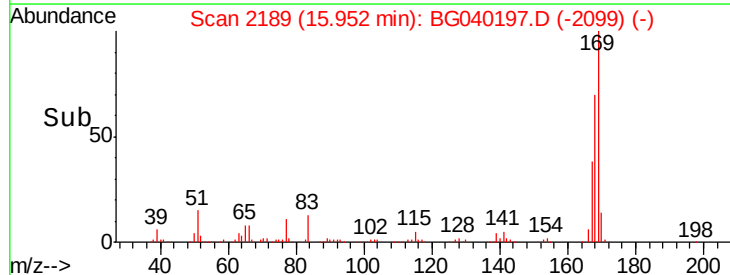
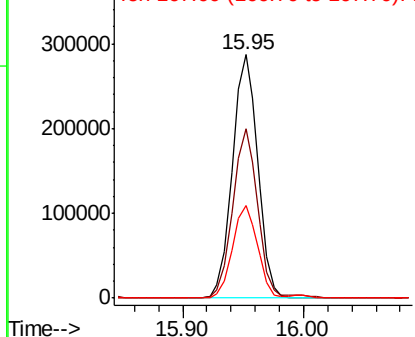


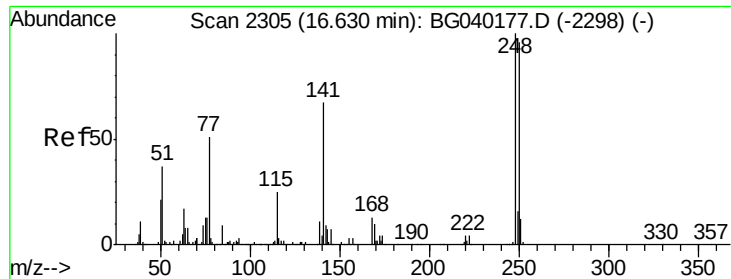
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

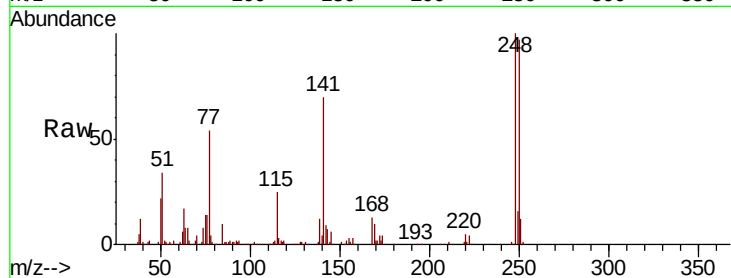




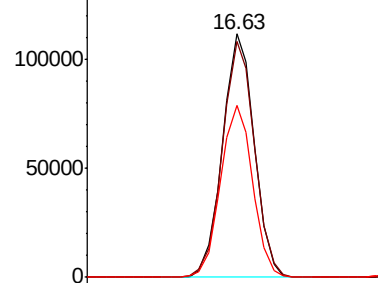
#67
4-Bromophenyl-phenylether
Concen: 37.687 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

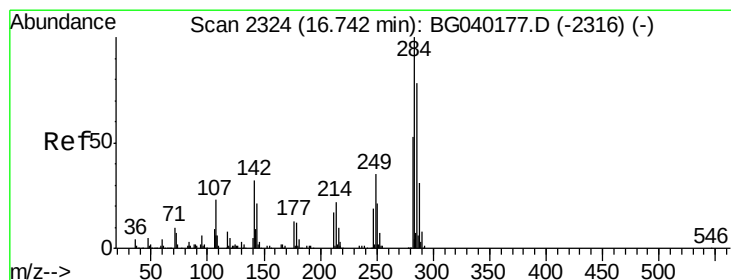
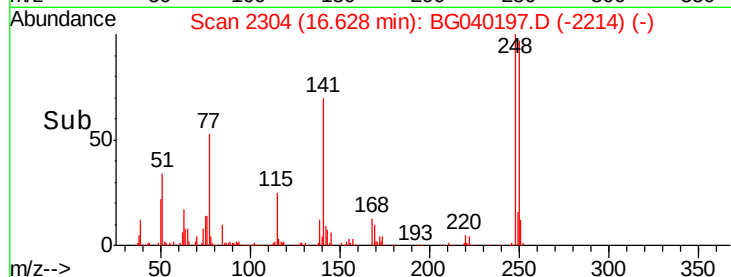
Tgt Ion:248 Resp: 155045
Ion Ratio Lower Upper
248 100
250 96.7 76.4 114.6
141 70.5 53.8 80.8



Abundance Ion 248.00 (247.70 to 248.70): E
150000 Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

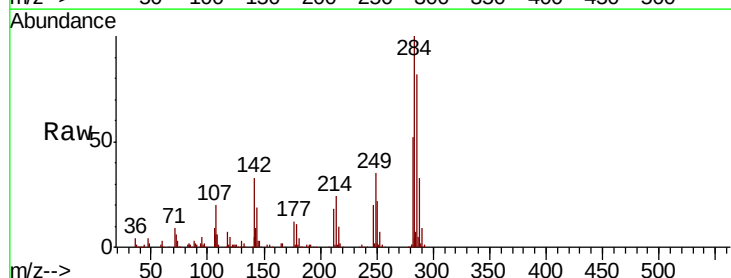


Time--> 16.55 16.60 16.65 16.70

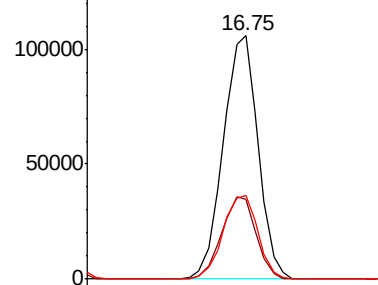


#68
Hexachlorobenzene
Concen: 39.045 ng
RT: 16.75 min Scan# 2324
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

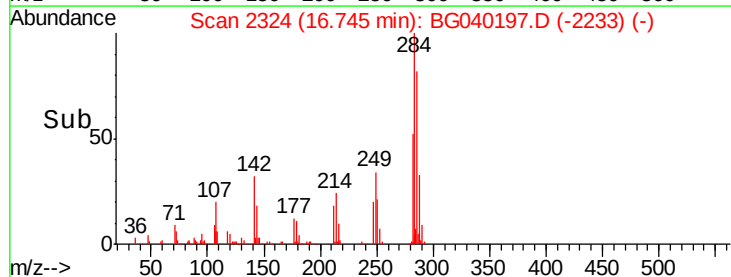
Tgt Ion:284 Resp: 161508
Ion Ratio Lower Upper
284 100
142 33.0 25.3 37.9
249 34.6 28.2 42.2

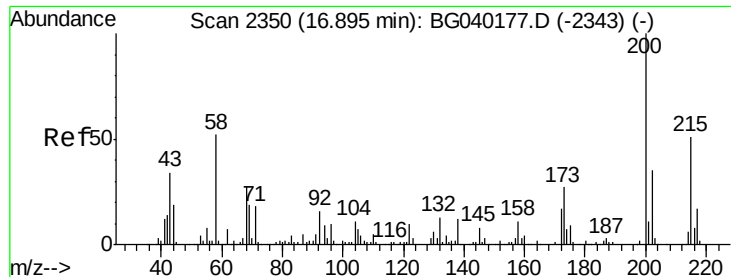


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.65 16.70 16.75 16.80





#69

Atrazine

Concen: 38.742 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

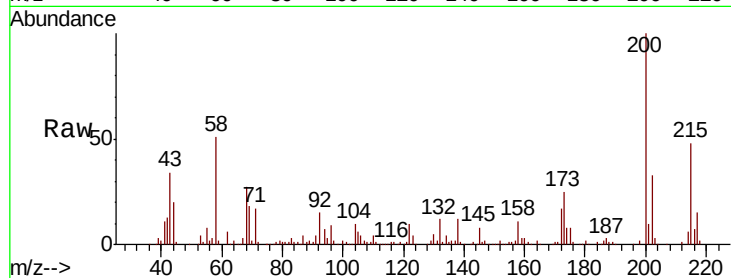
Tgt Ion:200 Resp: 154174

Ion Ratio Lower Upper

200 100

173 25.2 7.1 47.1

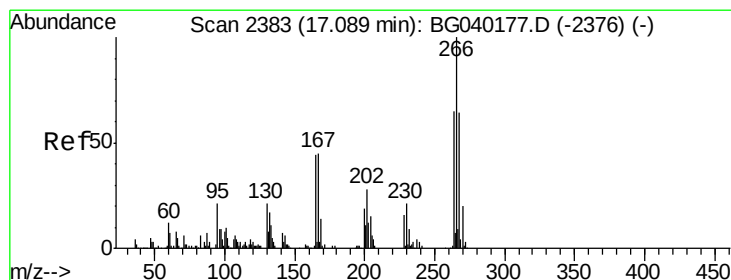
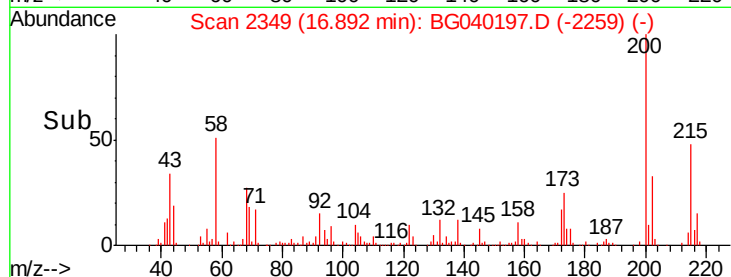
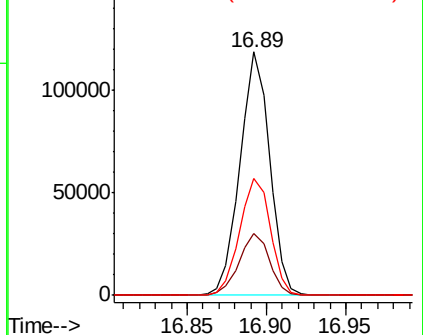
215 47.9 30.9 70.9



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: 79.164 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

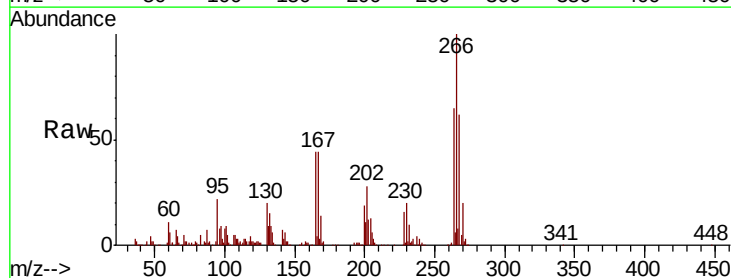
Tgt Ion:266 Resp: 189319

Ion Ratio Lower Upper

266 100

268 61.8 55.0 82.4

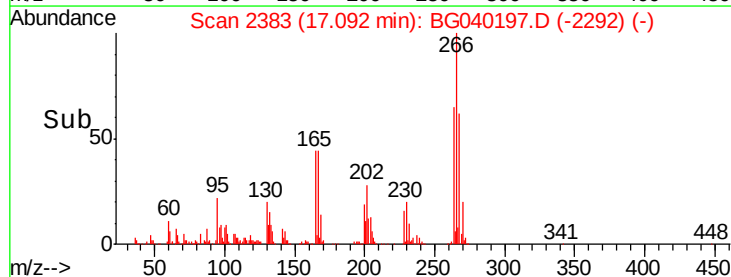
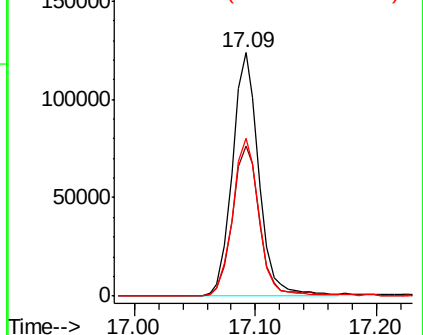
264 65.0 51.8 77.8

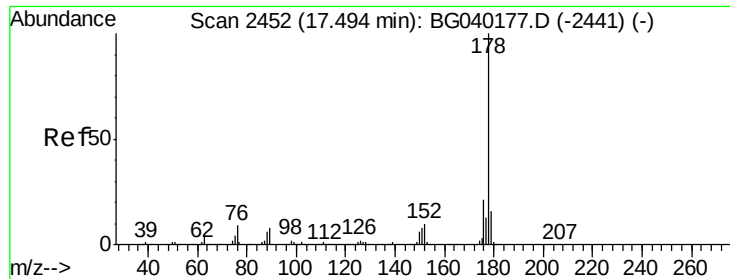


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.685 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

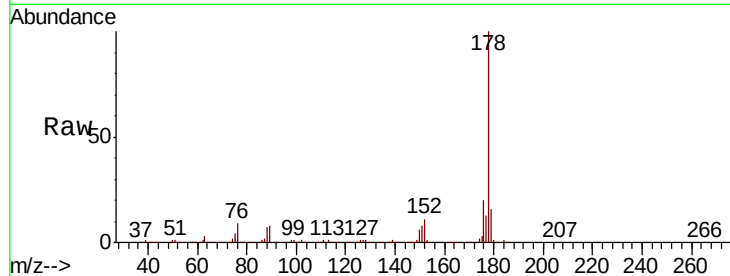
Tgt Ion:178 Resp: 781774

Ion Ratio Lower Upper

178 100

176 20.1 16.7 25.1

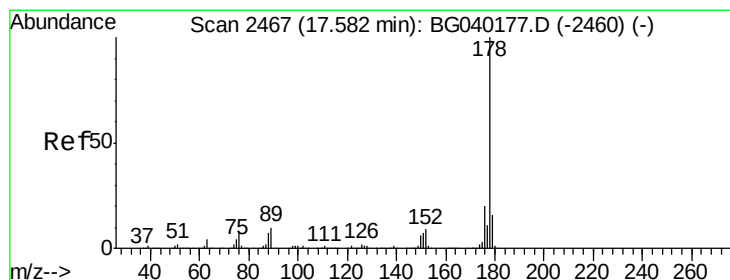
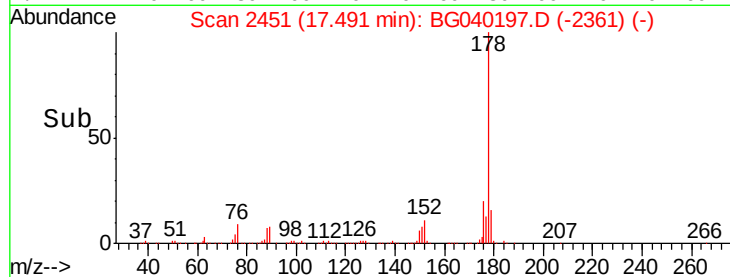
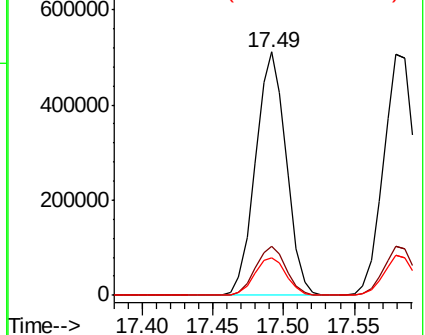
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.802 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

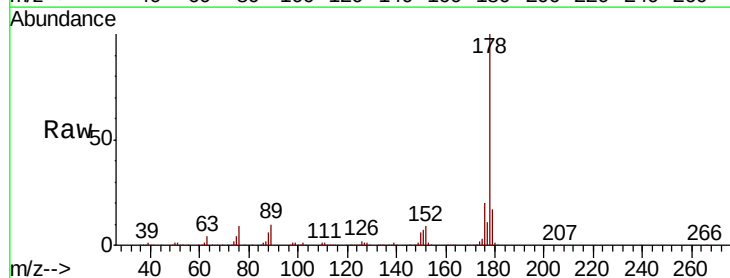
Tgt Ion:178 Resp: 784746

Ion Ratio Lower Upper

178 100

176 20.3 15.9 23.9

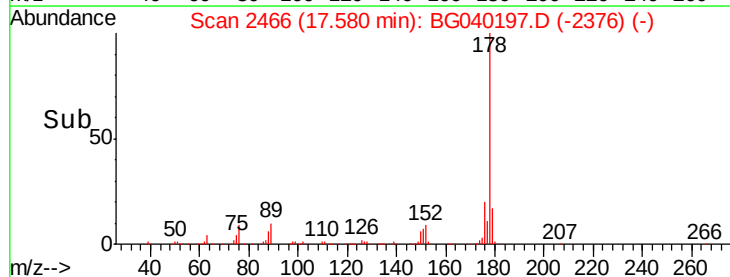
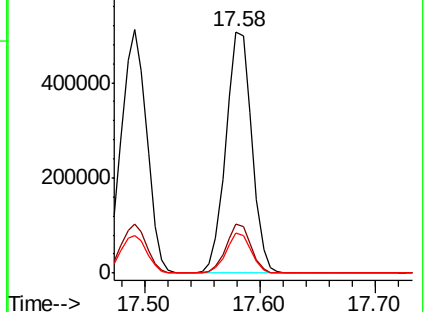
179 16.5 12.9 19.3

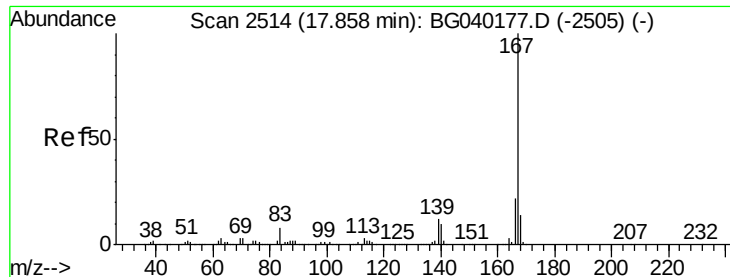


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

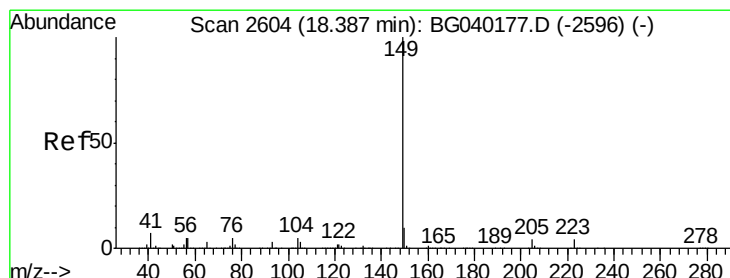
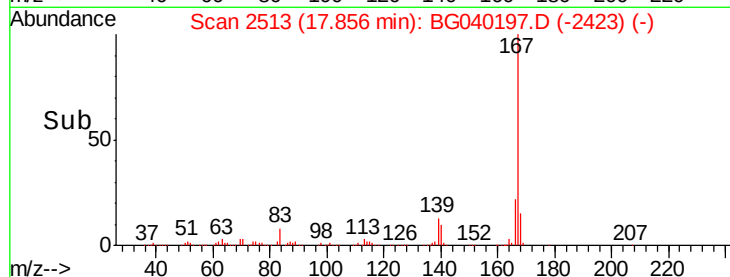
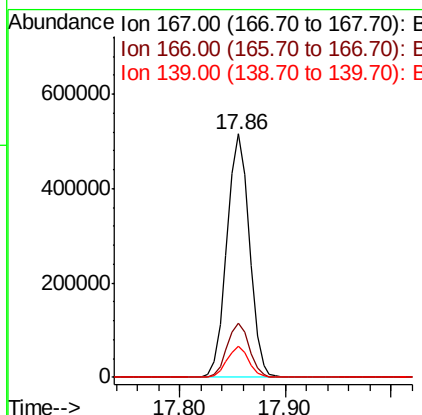
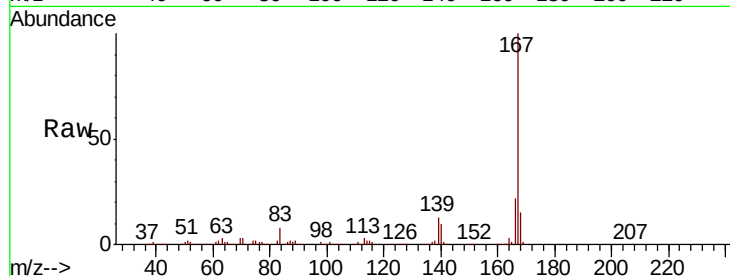




#73
 Carbazole
 Concen: 41.740 ng
 RT: 17.86 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

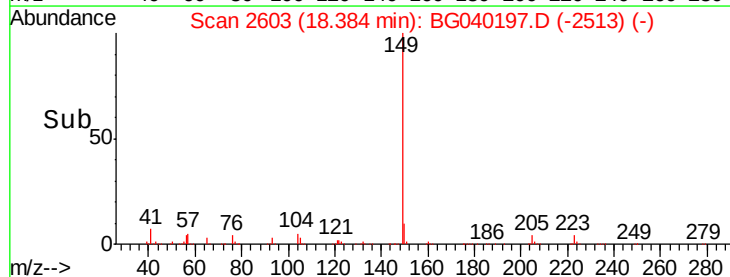
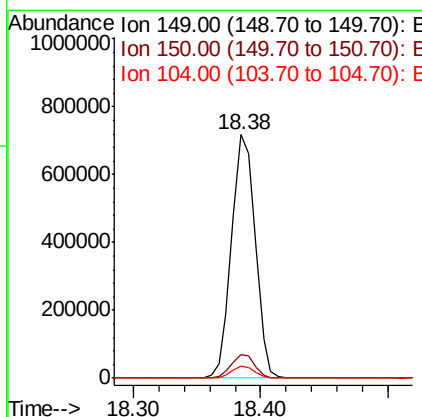
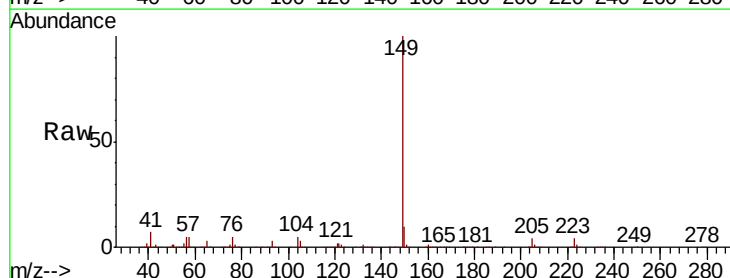
Instrument :
 BNA_G
 ClientSampleId :
 PB118345BS

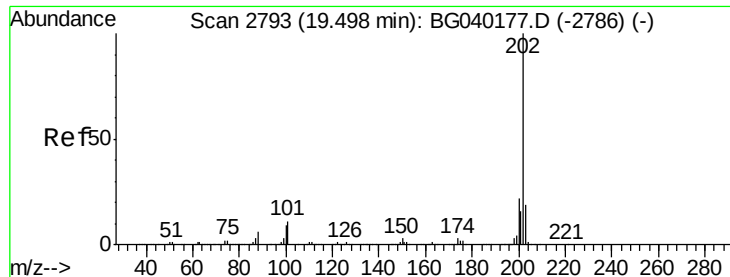
Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	12.7	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 42.808 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG040197.D
 Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.1	4.1	6.1





#75

Fluoranthene

Concen: 43.413 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

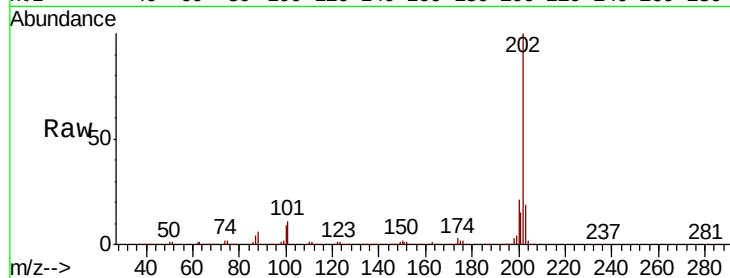
Tgt Ion:202 Resp: 987804

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

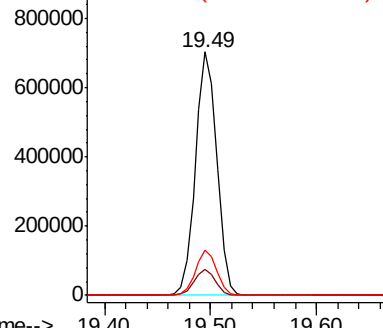
203 18.7 0.0 38.9



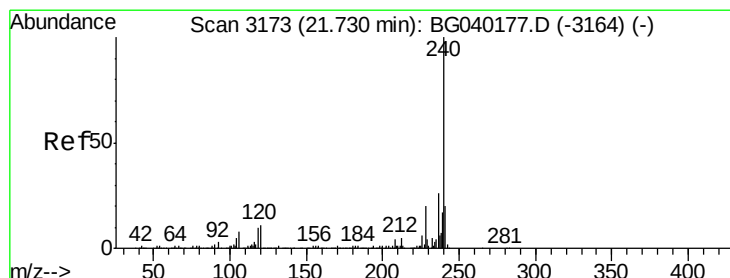
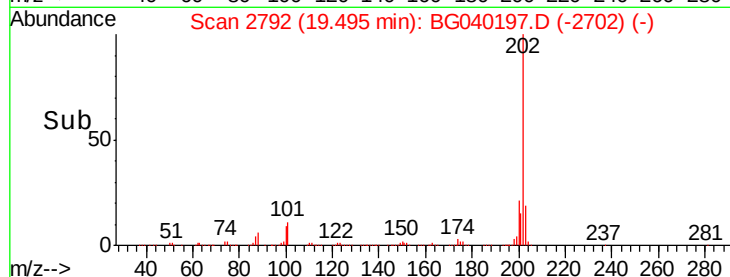
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

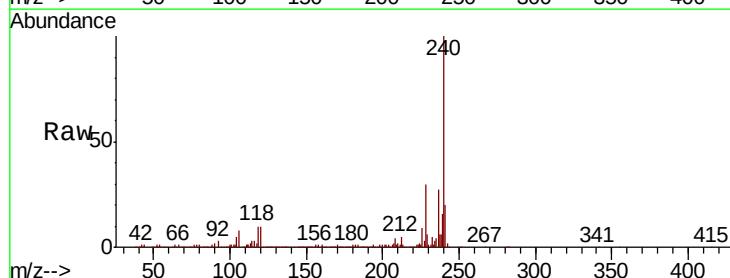
Tgt Ion:240 Resp: 378602

Ion Ratio Lower Upper

240 100

120 10.4 8.4 12.6

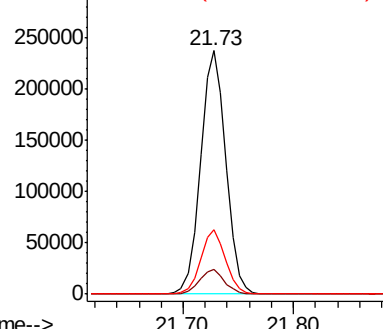
236 26.7 20.8 31.2



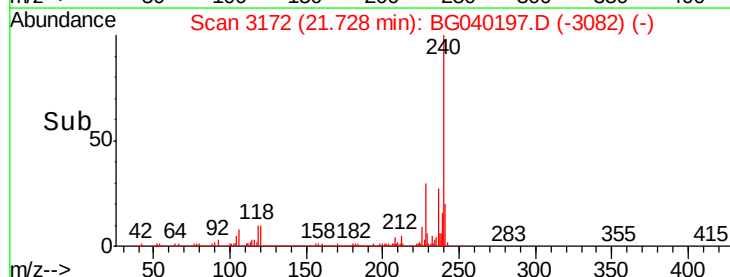
Abundance Ion 240.00 (239.70 to 240.70): E

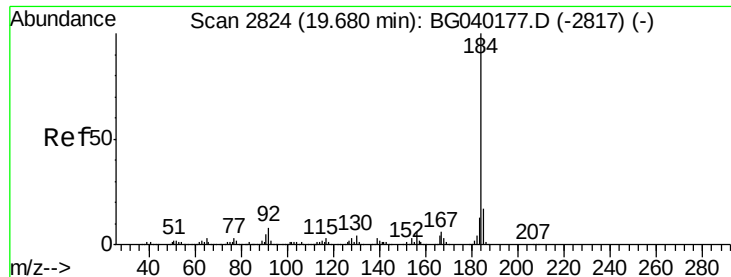
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 24.885 ng

RT: 19.68 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

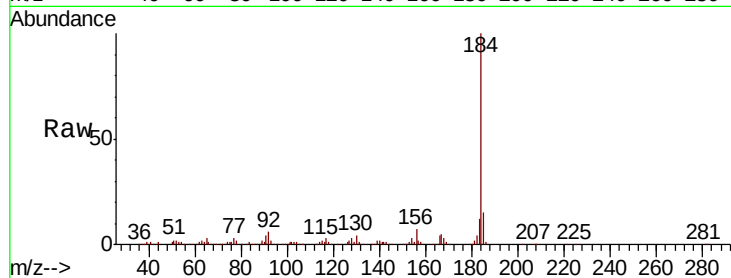
Tgt Ion:184 Resp: 340216

Ion Ratio Lower Upper

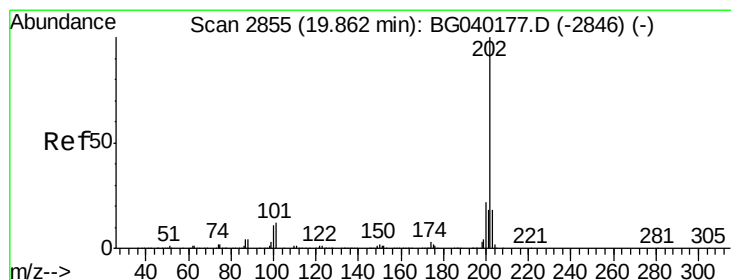
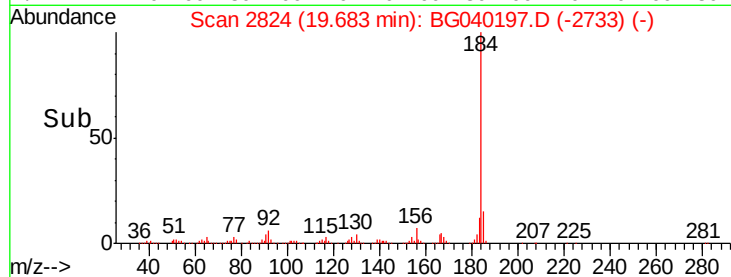
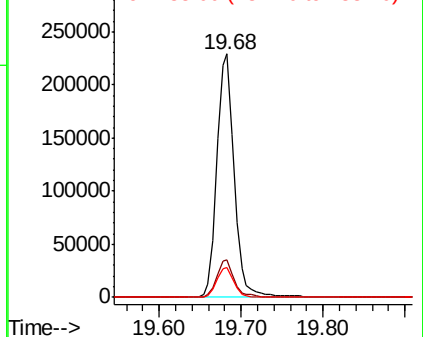
184 100

185 15.4 13.3 19.9

183 12.5 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.894 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

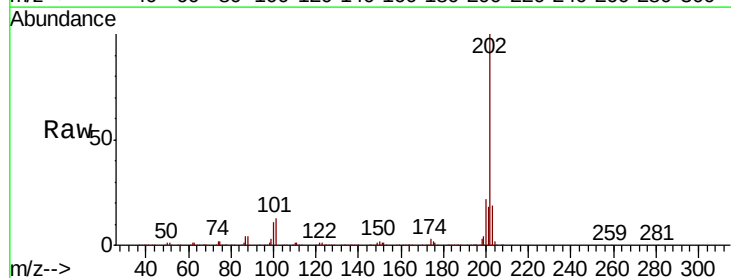
Tgt Ion:202 Resp: 993262

Ion Ratio Lower Upper

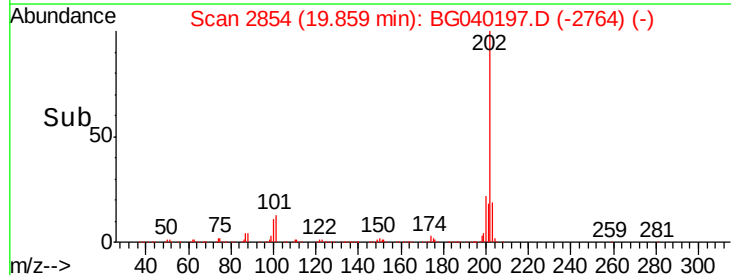
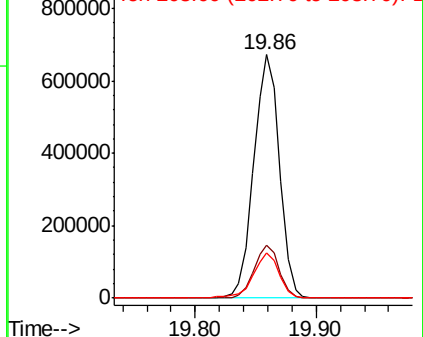
202 100

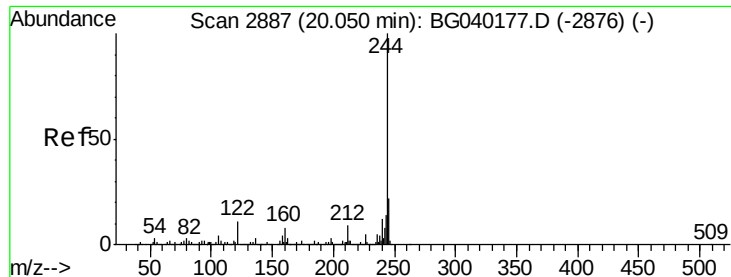
200 21.9 17.3 25.9

203 18.7 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: 75.971 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

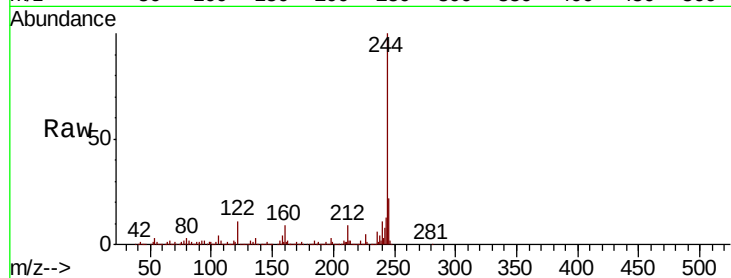
Tgt Ion:244 Resp: 1278543

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

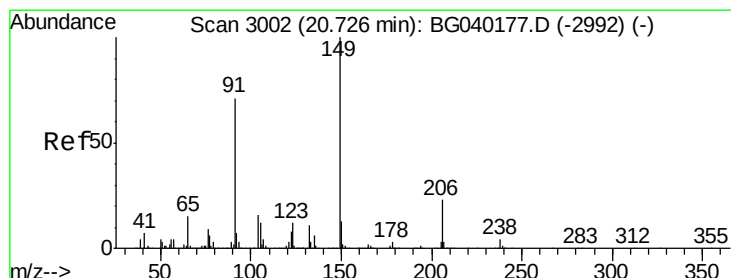
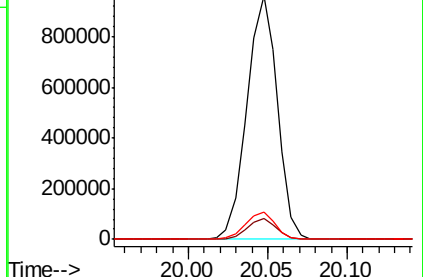
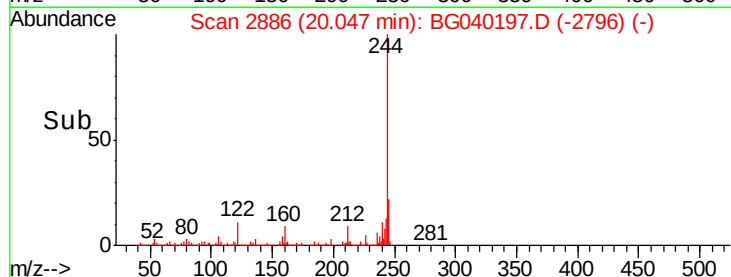
122 11.2 8.5 12.7



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: 39.866 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

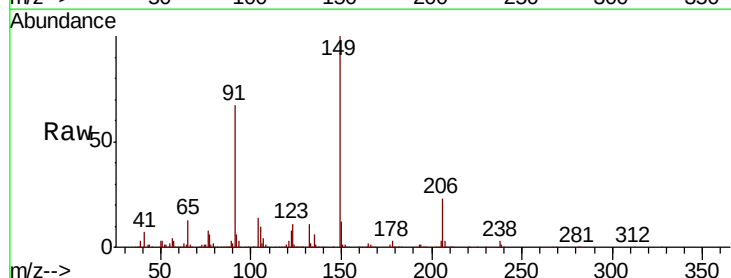
Tgt Ion:149 Resp: 424725

Ion Ratio Lower Upper

149 100

91 67.0 57.0 85.4

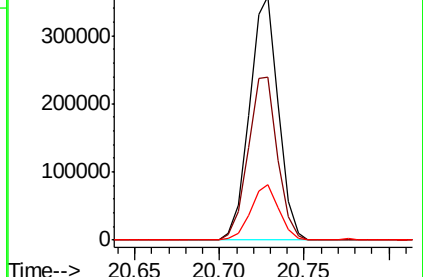
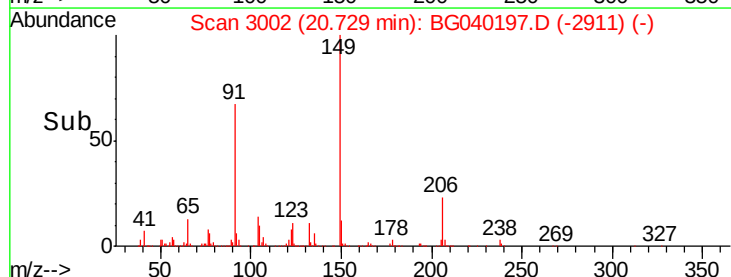
206 23.0 18.2 27.4

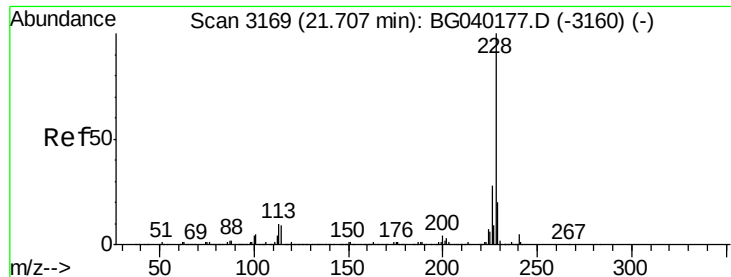


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.294 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

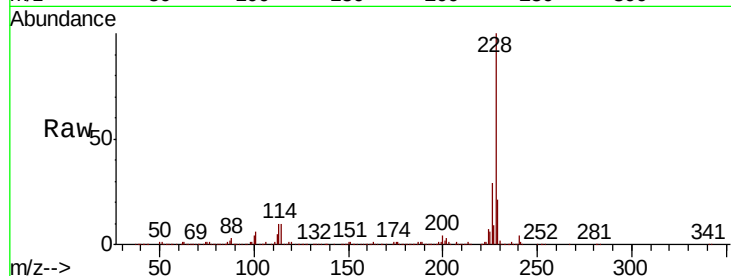
Instrument :

BNA_G

ClientSampleId :

PB118345BS

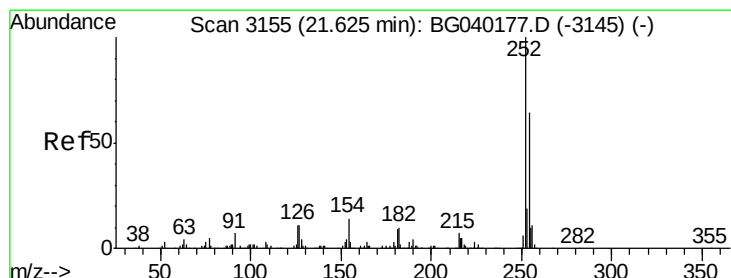
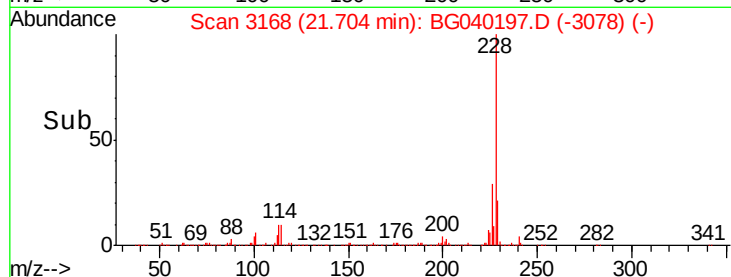
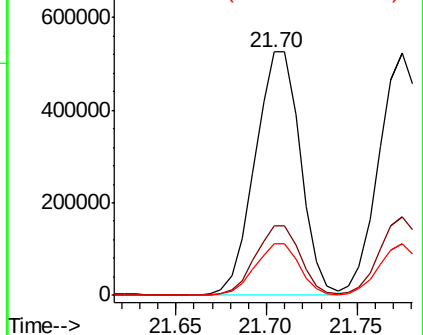
Tgt Ion:	228	Resp:	916324
Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	34.0
229	21.3	16.1	24.1



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: 32.345 ng

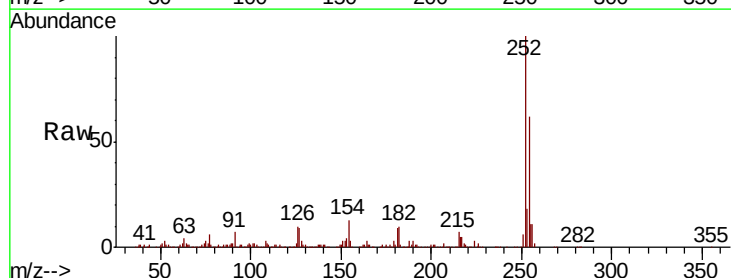
RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

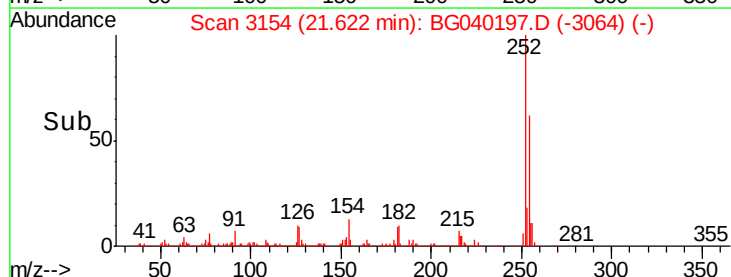
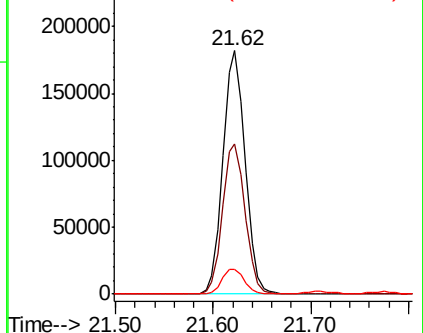
Tgt Ion:	252	Resp:	286934
Ion	Ratio	Lower	Upper
252	100		
254	61.6	51.4	77.2
126	10.2	8.5	12.7

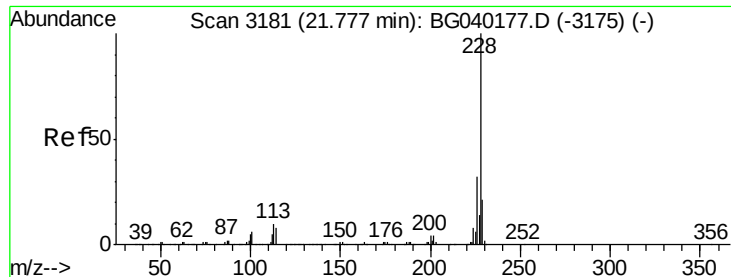


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.002 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

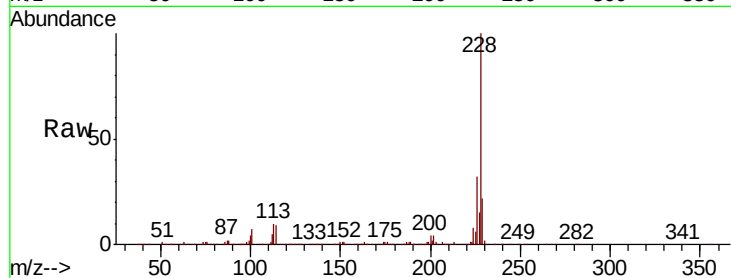
Tgt Ion:228 Resp: 874100

Ion Ratio Lower Upper

228 100

226 32.5 25.4 38.0

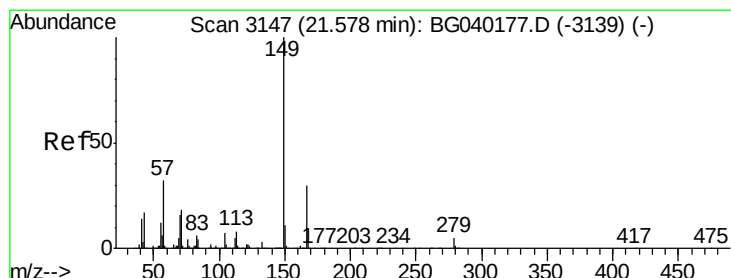
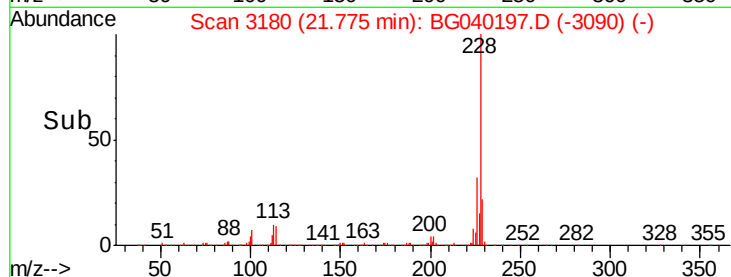
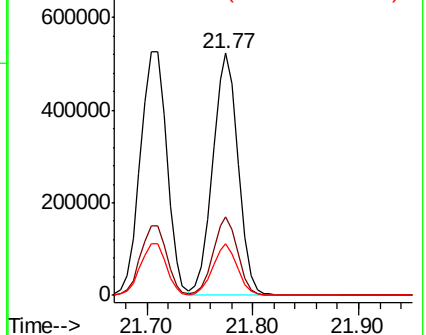
229 21.5 17.0 25.4



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: 39.072 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

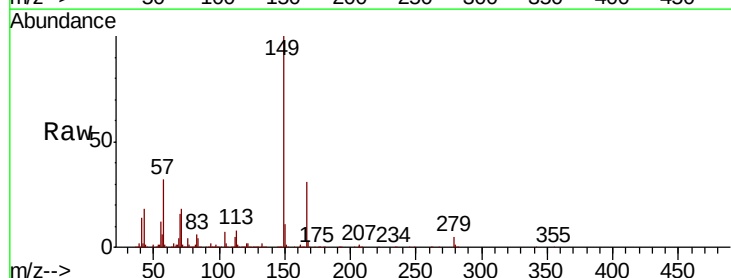
Tgt Ion:149 Resp: 595042

Ion Ratio Lower Upper

149 100

167 30.5 24.1 36.1

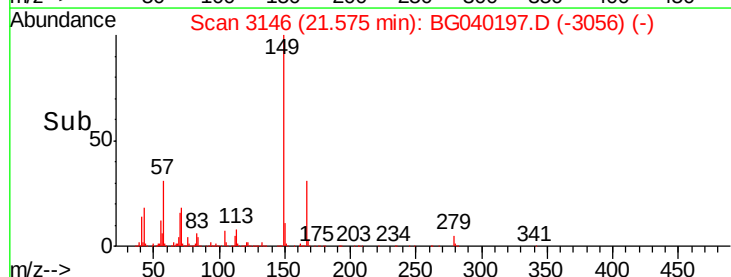
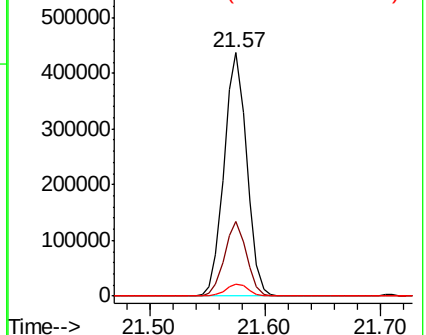
279 5.0 4.1 6.1

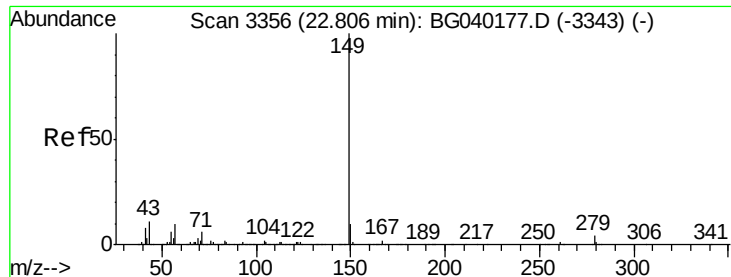


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

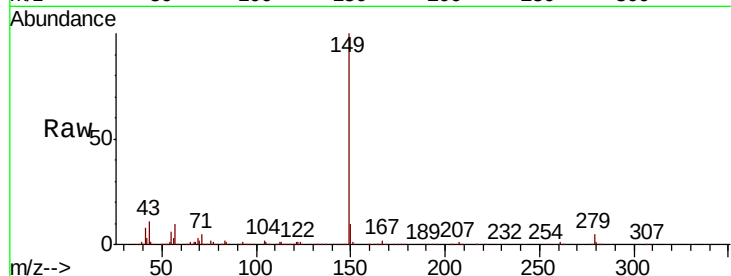




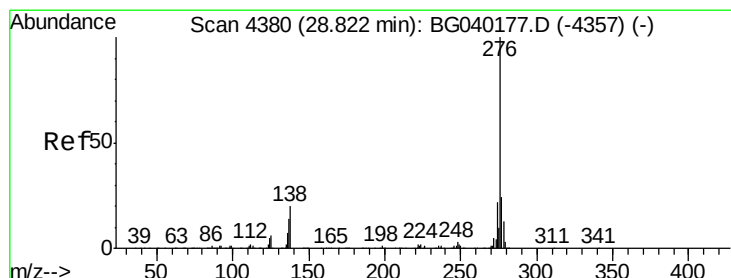
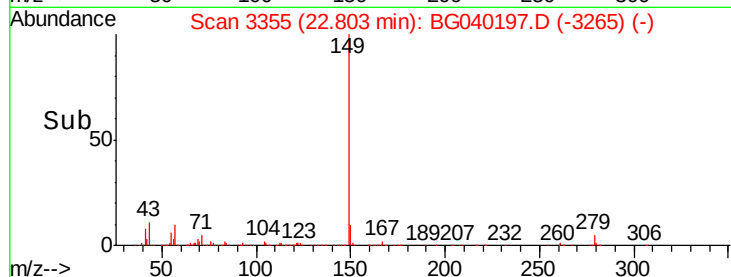
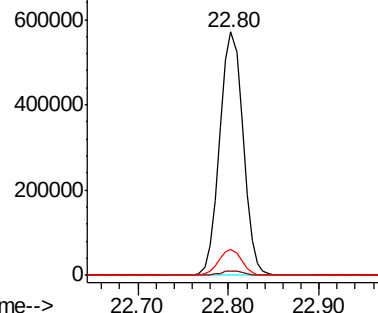
#85
Di-n-octyl phthalate
Concen: 39.449 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:149 Resp: 1023580
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.5 8.7 13.1

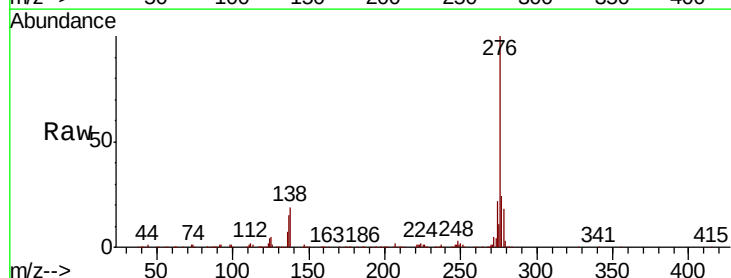


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

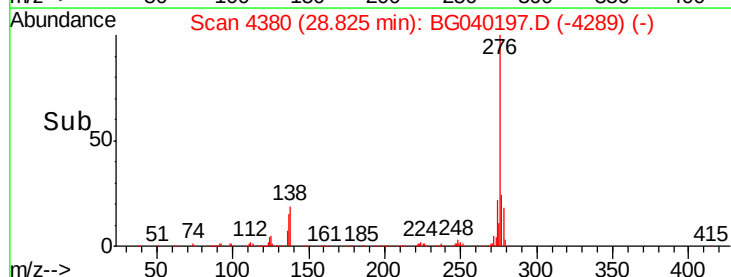
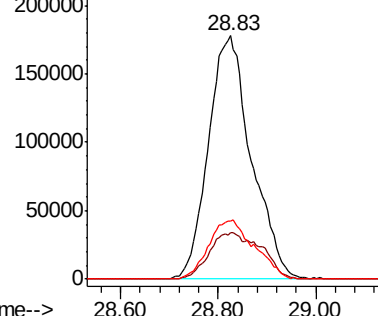


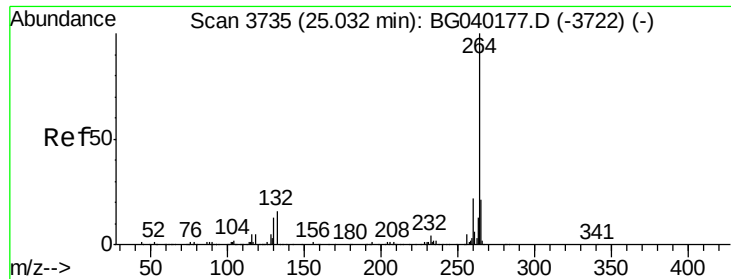
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.640 ng
RT: 28.83 min Scan# 4380
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:276 Resp: 1086571
Ion Ratio Lower Upper
276 100
138 23.3 18.8 28.2
277 26.0 21.0 31.4



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

Instrument :

BNA_G

ClientSampleId :

PB118345BS

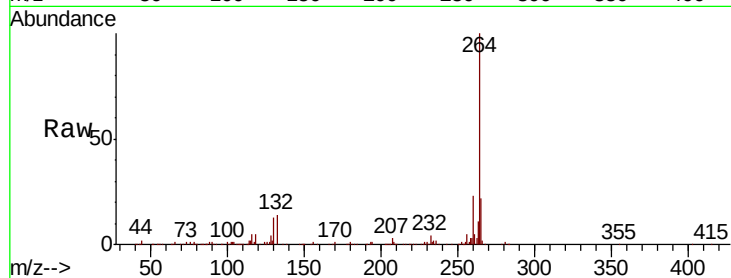
Tgt Ion:264 Resp: 346116

Ion Ratio Lower Upper

264 100

260 22.6 17.9 26.9

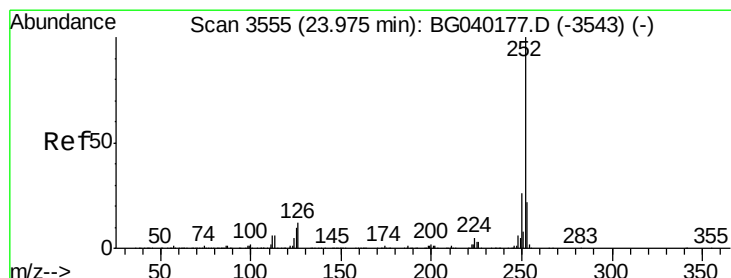
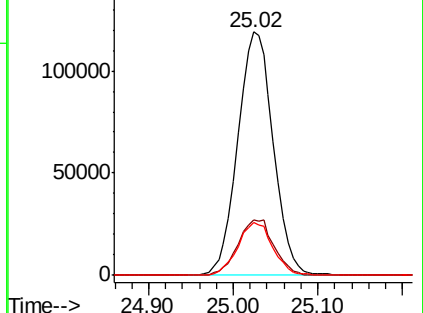
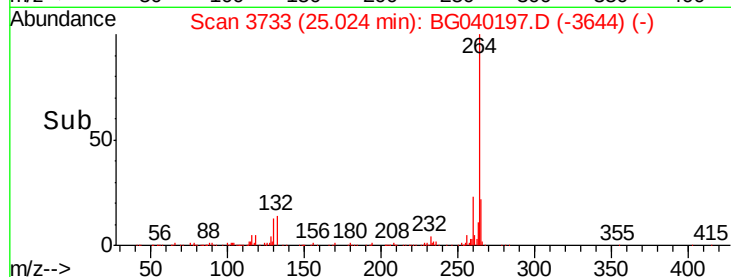
265 21.9 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.462 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.00 min

Lab File: BG040197.D

Acq: 28 Mar 2019 13:02

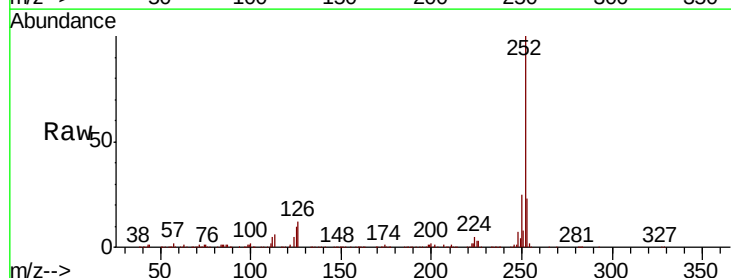
Tgt Ion:252 Resp: 963357

Ion Ratio Lower Upper

252 100

253 22.9 17.6 26.4

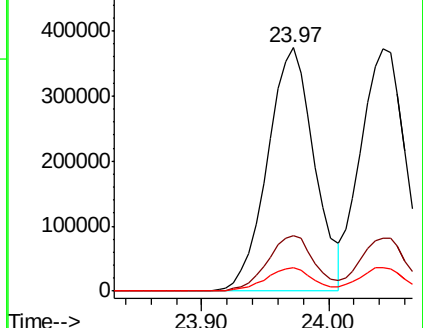
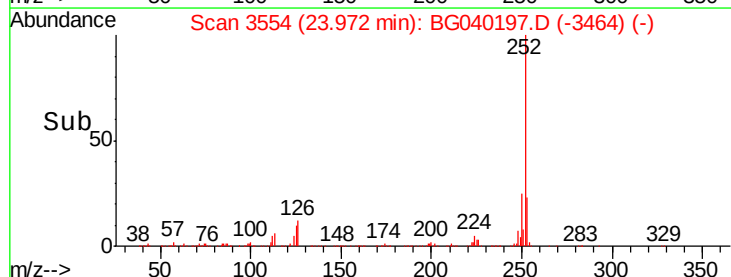
125 9.6 8.2 12.4

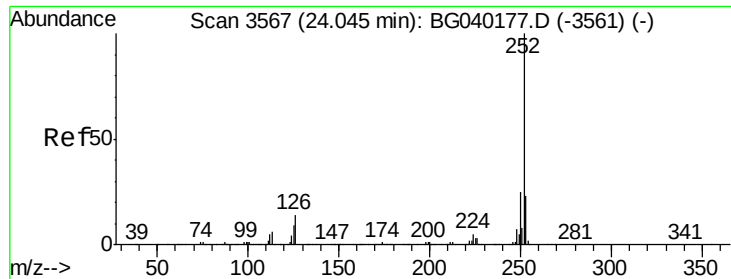


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

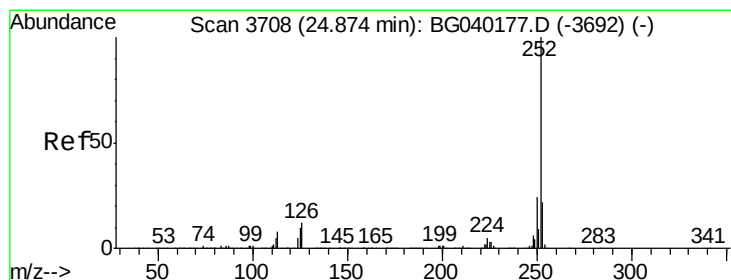
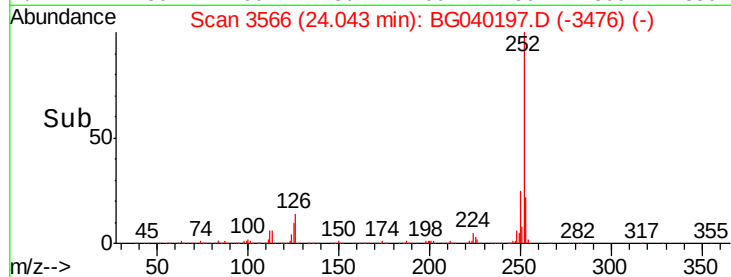
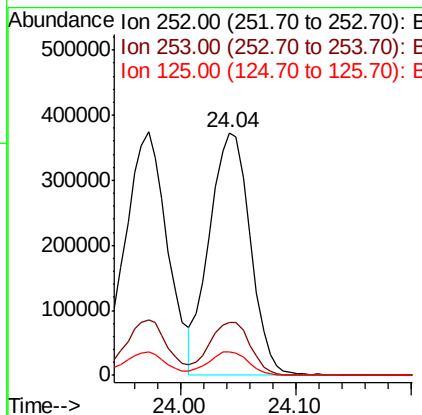
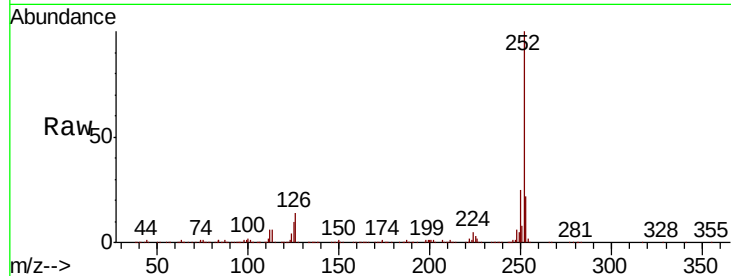




#89
Benzo(k)fluoranthene
Concen: 46.878 ng
RT: 24.04 min Scan# 3566
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

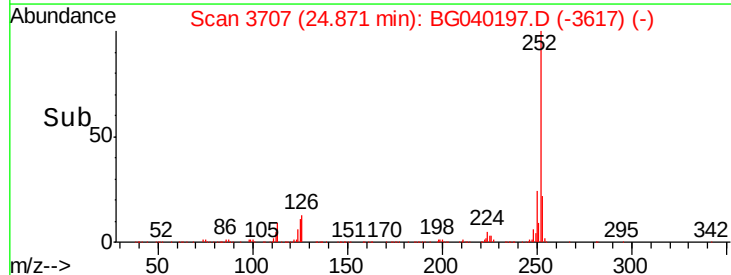
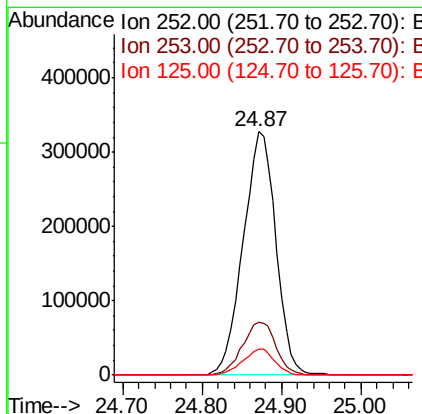
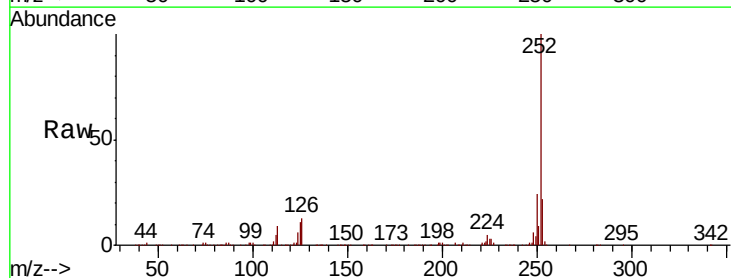
Instrument :
BNA_G
ClientSampleId :
PB118345BS

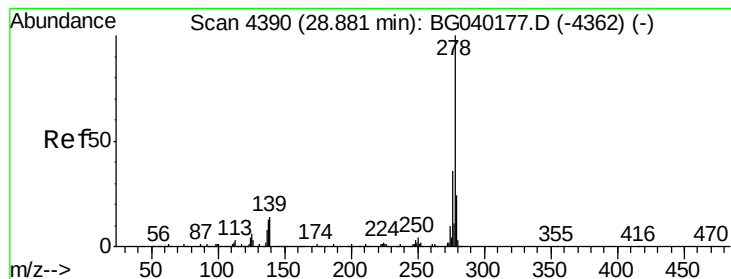
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.6	28.0
125	9.8	7.3	10.9



#90
Benzo(a)pyrene
Concen: 47.249 ng
RT: 24.87 min Scan# 3707
Delta R.T. -0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	10.7	8.3	12.5

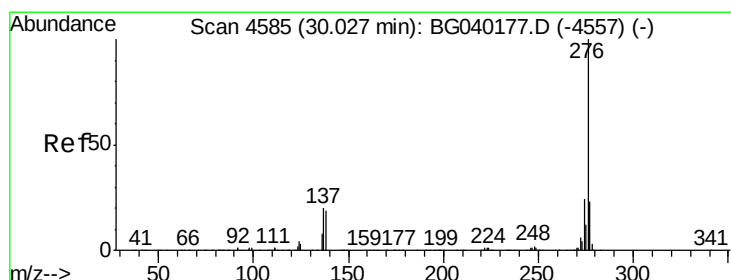
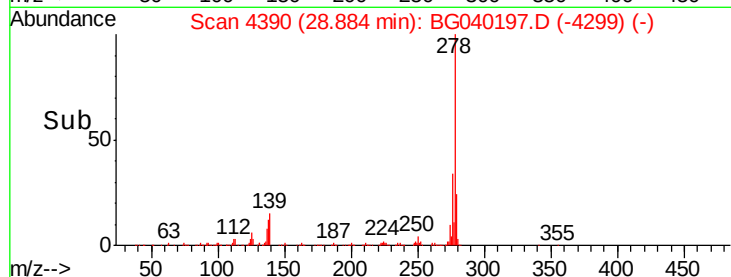
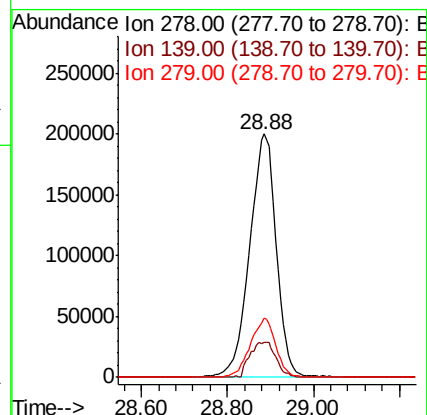
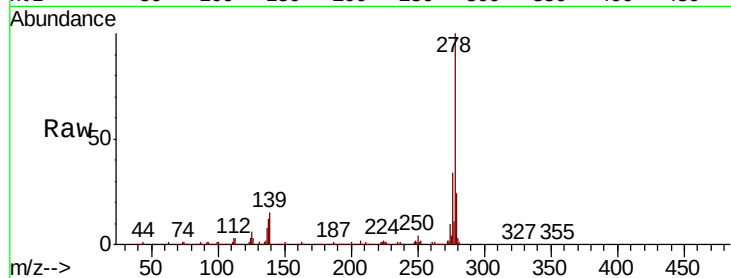




#91
Dibenzo(a,h)anthracene
Concen: 47.813 ng
RT: 28.88 min Scan# 4390
Delta R.T. 0.00 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Instrument :
BNA_G
ClientSampleId :
PB118345BS

Tgt Ion:278 Resp: 882901
Ion Ratio Lower Upper
278 100
139 14.6 11.2 16.8
279 24.3 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 48.047 ng
RT: 30.02 min Scan# 4583
Delta R.T. -0.01 min
Lab File: BG040197.D
Acq: 28 Mar 2019 13:02

Tgt Ion:276 Resp: 911798
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 20.1 15.2 22.8

