

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
 Data File : BG036698.D
 Acq On : 14 Sep 2018 1:10
 Operator : JU/SJ
 Sample : PB112803BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Quant Time: Sep 14 05:12:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	62592	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	273982	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	184024	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	431183	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	414963	20.00	ng	-0.01
86) Perylene-d12	24.89	264	428347	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	411483	104.28	ng	0.00
7) Phenol-d6	7.21	99	580695	102.79	ng	0.00
23) Nitrobenzene-d5	9.22	82	518331	102.65	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	241343	109.91	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1199953	93.10	ng	-0.01
78) Terphenyl-d14	20.03	244	1765967	99.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	53666	29.143	ng	96
3) Pyridine	3.92	79	171458	33.171	ng	97
4) n-Nitrosodimethylamine	3.83	42	93592	40.653	ng	97
6) Aniline	7.38	93	227055	31.663	ng	99
8) 2-Chlorophenol	7.62	128	205643	48.059	ng	98
9) Benzaldehyde	7.19	77	99177	25.493	ng	96
10) Phenol	7.24	94	290040	49.059	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	193588	41.303	ng	98
12) 1,3-Dichlorobenzene	7.94	146	194696	39.848	ng	99
13) 1,4-Dichlorobenzene	8.09	146	202409	41.031	ng	99
14) 1,2-Dichlorobenzene	8.41	146	194381	41.260	ng	96
15) Benzyl Alcohol	8.29	79	208895	45.868	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	369770	39.120	ng	99
17) 2-Methylphenol	8.49	107	197561	50.326	ng	97
18) Hexachloroethane	9.13	117	73484	41.548	ng	95
19) n-Nitroso-di-n-propylamine	8.86	70	170700	40.430	ng	94
20) 3+4-Methylphenols	8.82	107	274827	50.145	ng	99
22) Acetophenone	8.88	105	314328	43.689	ng	# 98
24) Nitrobenzene	9.26	77	253042	46.470	ng	98
25) Isophorone	9.77	82	482611	48.109	ng	97
26) 2-Nitrophenol	9.97	139	116325	53.910	ng	97
27) 2,4-Dimethylphenol	10.02	122	218128	54.602	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	280289	45.526	ng	100
29) 2,4-Dichlorophenol	10.50	162	231954	52.979	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	229359	44.781	ng	98
31) Naphthalene	10.91	128	647106	47.247	ng	99
32) Benzoic acid	10.16	122	120814	41.464	ng	99
33) 4-Chloroaniline	11.01	127	130167	20.740	ng	97
34) Hexachlorobutadiene	11.19	225	152636	44.355	ng	98
35) Caprolactam	11.80	113	82759	47.451	ng	91
36) 4-Chloro-3-methylphenol	12.13	107	262083	51.517	ng	98
37) 2-Methylnaphthalene	12.51	142	514942	51.384	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	297767	45.723	ng	99
40) Hexachlorocyclopentadiene	12.85	237	362031	106.844	ng	98

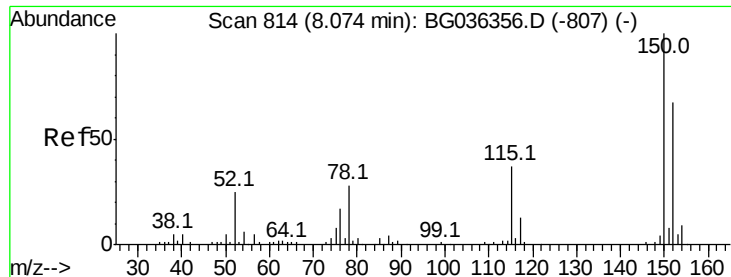
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	202385	51.017	ng	97
43) 2,4,5-Trichlorophenol	13.18	196	214817	50.769	ng	99
45) 1,1'-Biphenyl	13.51	154	666754	43.649	ng	99
46) 2-Chloronaphthalene	13.56	162	519527	44.551	ng	99
47) 2-Nitroaniline	13.76	65	182908	49.948	ng	98
48) Acenaphthylene	14.40	152	879483	48.257	ng	100
49) Dimethylphthalate	14.13	163	697013	46.385	ng	98
50) 2,6-Dinitrotoluene	14.25	165	153158	49.533	ng	96
51) Acenaphthene	14.74	154	526798	45.133	ng	99
52) 3-Nitroaniline	14.58	138	108891	32.679	ng	98
53) 2,4-Dinitrophenol	14.78	184	95887	81.871	ng	97
54) Dibenzofuran	15.07	168	824494	45.088	ng	99
55) 4-Nitrophenol	14.88	139	219153	80.440	ng	99
56) 2,4-Dinitrotoluene	15.03	165	211995	52.606	ng	90
57) Fluorene	15.73	166	660145	48.291	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	212041	53.337	ng	95
59) Diethylphthalate	15.49	149	671887	44.368	ng	99
60) 4-Chlorophenyl-phenylether	15.71	204	383371	45.416	ng	97
61) 4-Nitroaniline	15.74	138	157480	45.164	ng	95
62) Azobenzene	16.01	77	665914	43.218	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	98655	52.085	ng	95
65) n-Nitrosodiphenylamine	15.93	169	595700	46.496	ng	100
66) 4-Bromophenyl-phenylether	16.61	248	251716	49.862	ng	99
67) Hexachlorobenzene	16.73	284	250276	48.484	ng	97
68) Atrazine	16.88	200	245801	51.113	ng	99
69) Pentachlorophenol	17.07	266	274302	78.186	ng	97
70) Phenanthrene	17.47	178	1043352	47.621	ng	98
71) Anthracene	17.55	178	1062302	48.640	ng	98
72) Carbazole	17.82	167	917822	42.080	ng	99
73) Di-n-butylphthalate	18.38	149	1033496	42.551	ng	99
74) Fluoranthene	19.47	202	1237654	46.332	ng	98
76) Benzidine	19.65	184	437694	33.061	ng	98
77) Pyrene	19.83	202	1211708	47.485	ng	98
79) Butylbenzylphthalate	20.71	149	486144	47.871	ng	92
80) Benzo(a)anthracene	21.67	228	1215690	48.358	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	286972	28.643	ng	98
82) Chrysene	21.73	228	1144366	48.025	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	662634	46.628	ng	100
84) Di-n-octyl phthalate	22.78	149	1111114	46.810	ng	97
85) Indeno(1,2,3-cd)pyrene	28.53	276	1255050	45.347	ng	# 97
87) Benzo(b)fluoranthene	23.88	252	1233813	51.871	ng	95
88) Benzo(k)fluoranthene	23.94	252	1147069	49.362	ng	99
89) Benzo(a)pyrene	24.75	252	1175643	51.435	ng	99
90) Dibenzo(a,h)anthracene	28.60	278	962740	43.630	ng	98
91) Benzo(g,h,i)perylene	29.67	276	1059107	47.762	ng	98

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

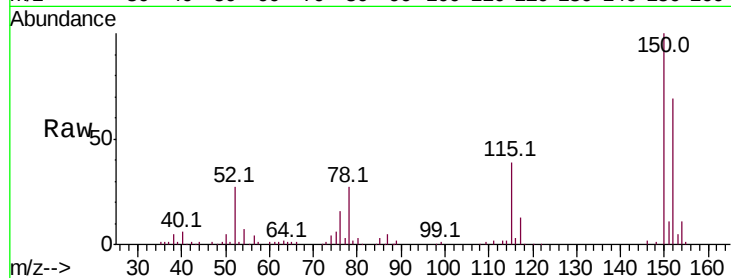


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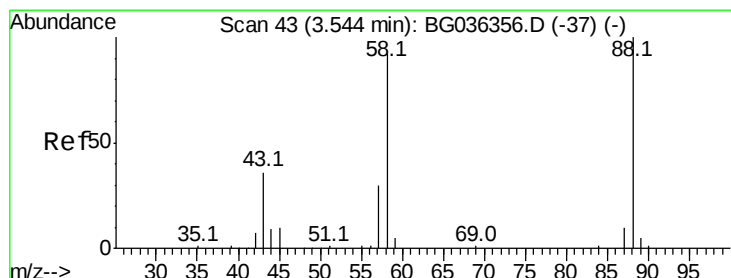
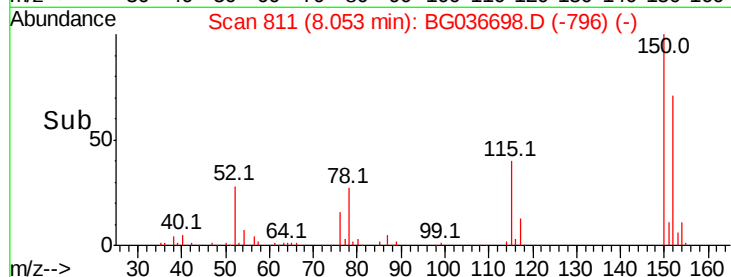
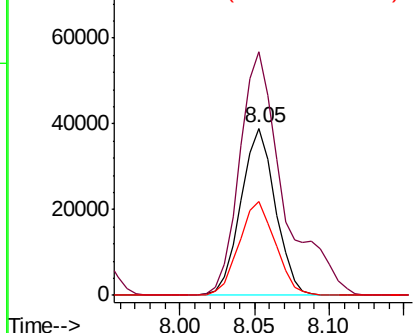
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:152 Resp: 62592
Ion Ratio Lower Upper
152 100
150 145.7 119.5 179.3
115 56.2 44.5 66.7



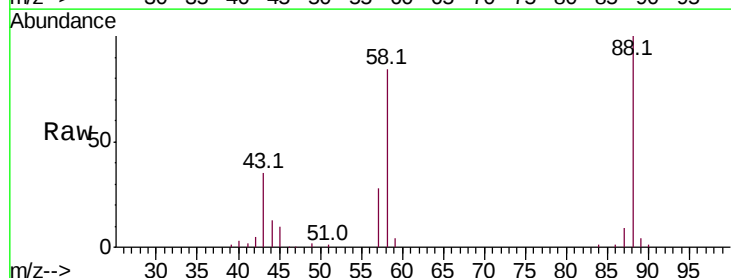
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



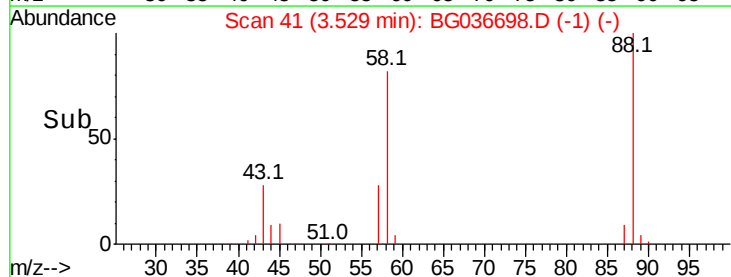
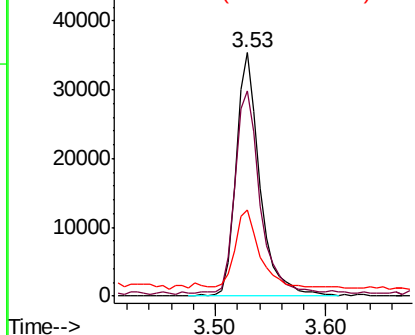
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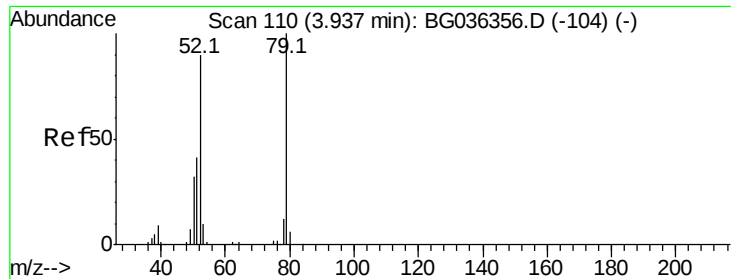
1,4-Dioxane
Concen: 29.143 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion: 88 Resp: 53666
Ion Ratio Lower Upper
88 100
58 88.0 72.6 109.0
43 32.5 29.0 43.4



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

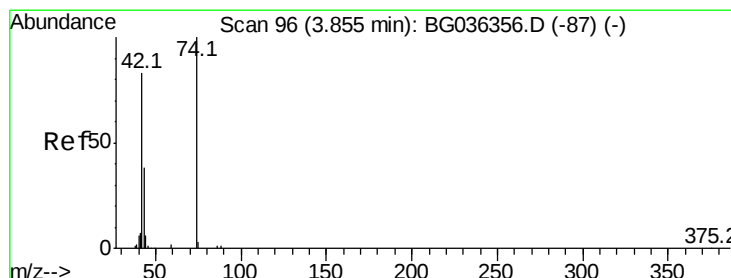
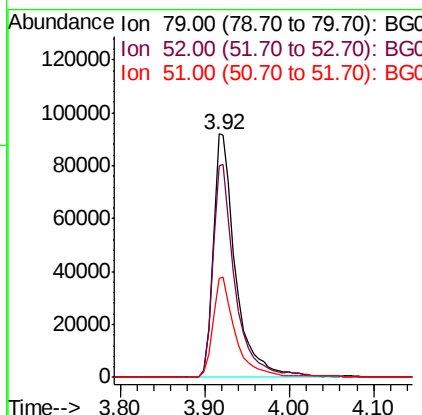
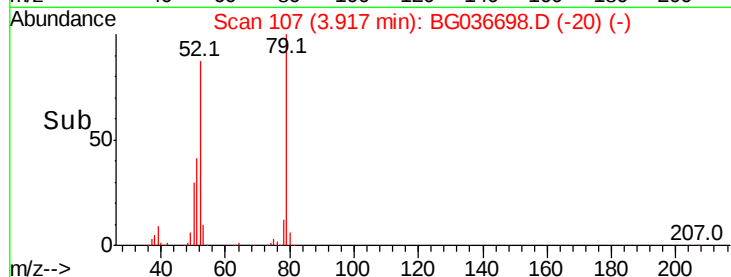
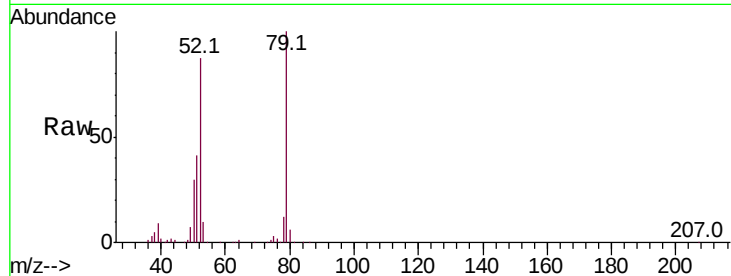




#3
 Pvridine
 Concen: 33.171 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.02 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

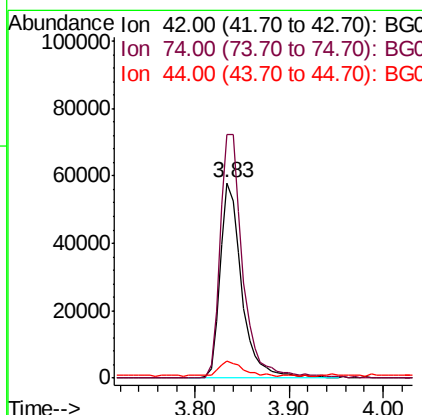
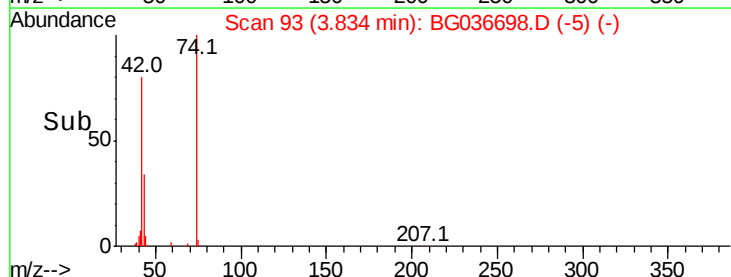
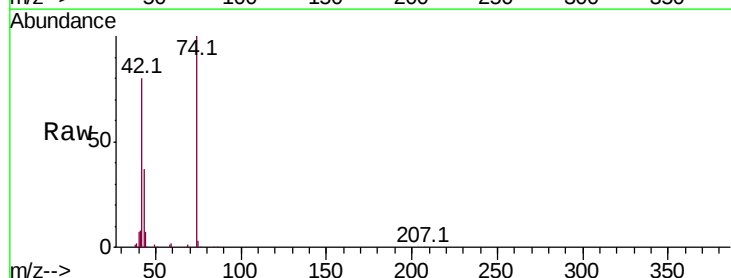
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

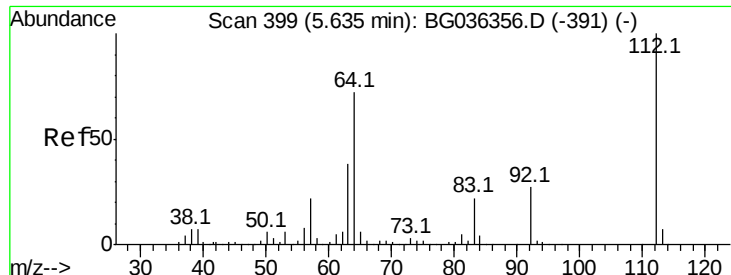
Tot Ion: 79 Resp: 171458
 Ion Ratio Lower Upper
 79 100
 52 86.7 72.3 108.5
 51 40.7 33.8 50.6



#4
 n-Nitrosodimethylamine
 Concen: 40.653 ng
 RT: 3.83 min Scan# 93
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion: 42 Resp: 93592
 Ion Ratio Lower Upper
 42 100
 74 124.6 96.6 145.0
 44 8.7 7.0 10.4





#5

2-Fluorophenol

Concen: 104.284 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

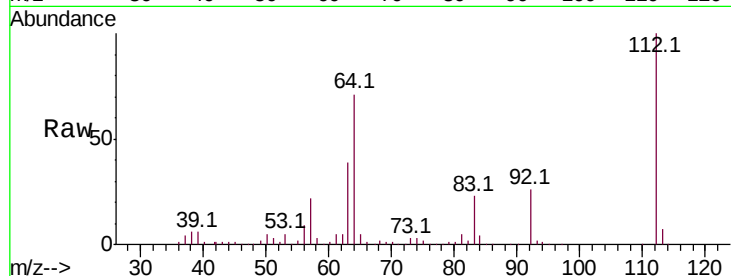
Tot Ion:112 Resp: 411483

Ion Ratio Lower Upper

112 100

64 71.1 57.2 85.8

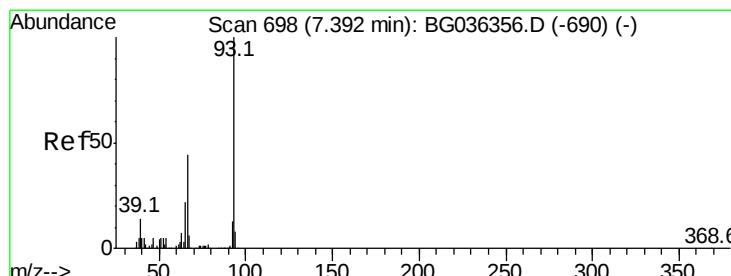
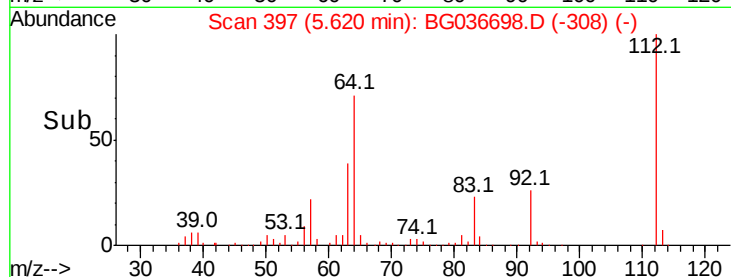
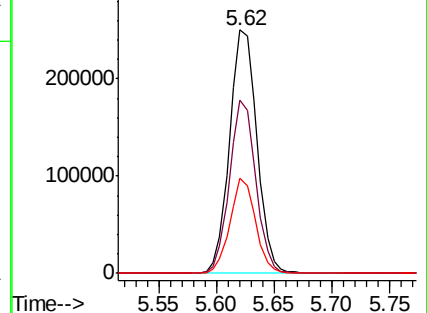
63 38.9 30.8 46.2



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: 31.663 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

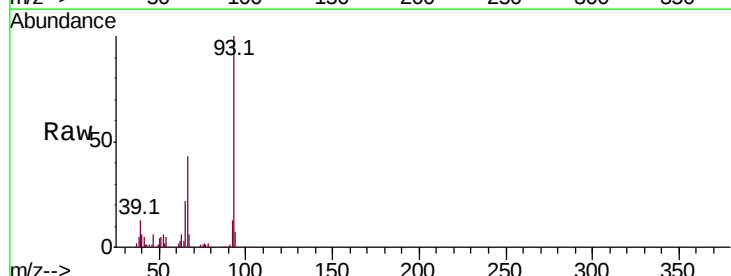
Tgt Ion: 93 Resp: 227055

Ion Ratio Lower Upper

93 100

66 43.0 35.0 52.4

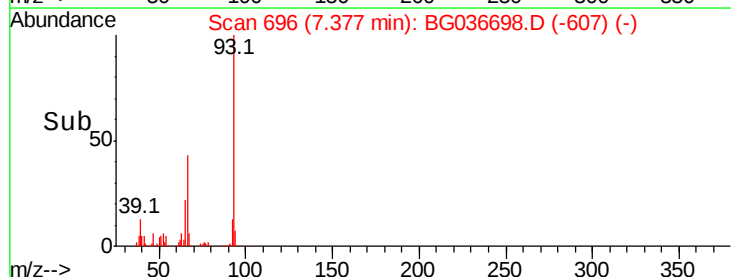
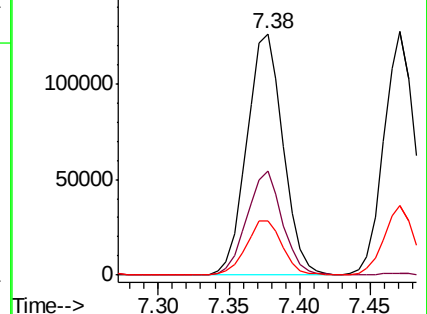
65 22.4 17.6 26.4

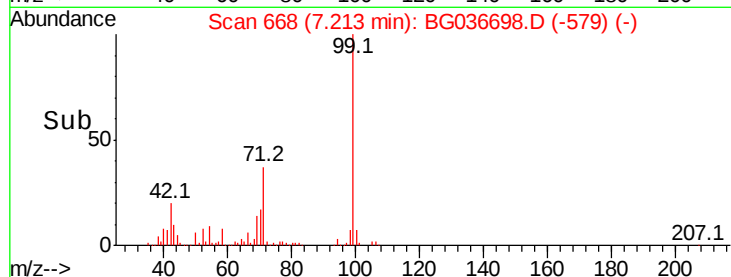
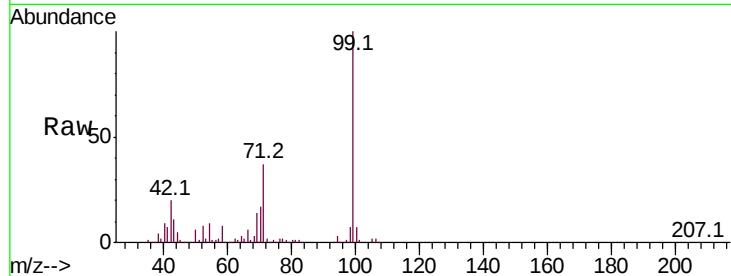
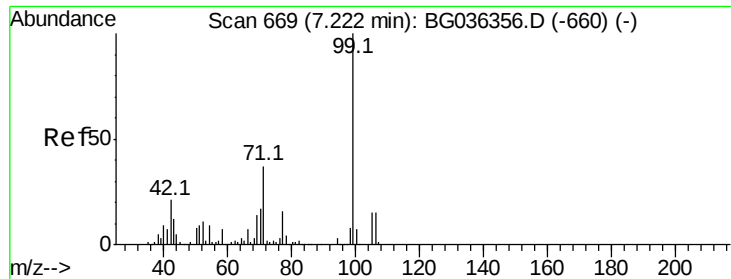


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 102.789 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

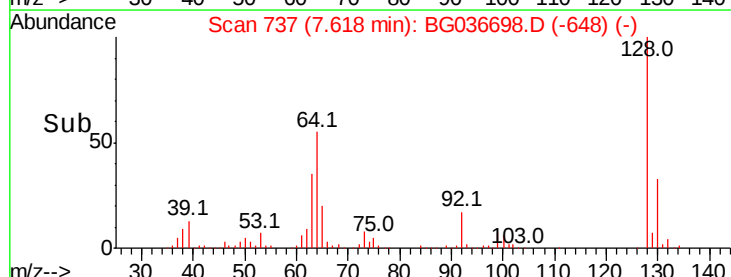
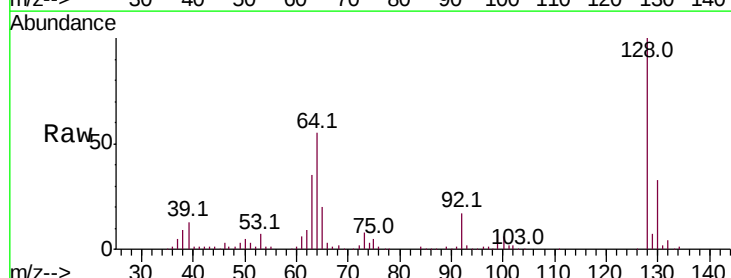
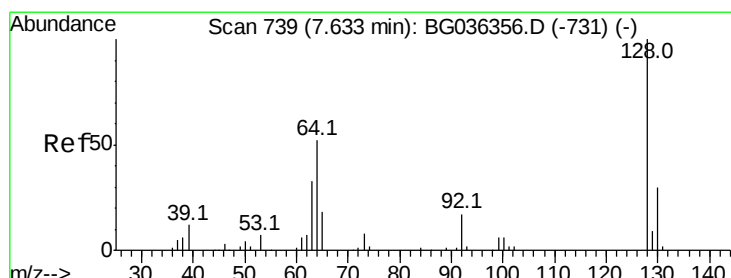
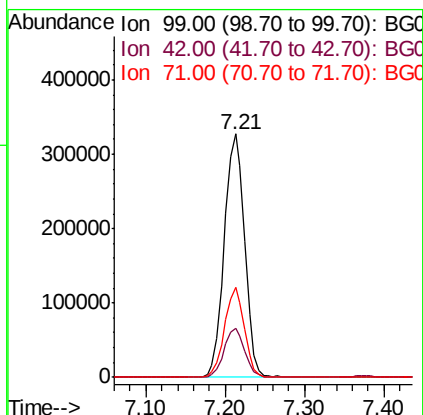
Tot Ion: 99 Resp: 580695

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

71 37.2 29.4 44.2



#8

2-Chlorophenol

Concen: 48.059 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

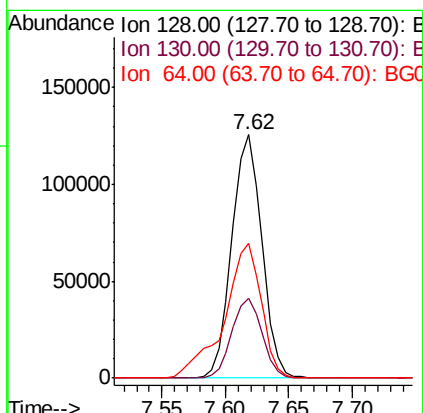
Tgt Ion: 128 Resp: 205643

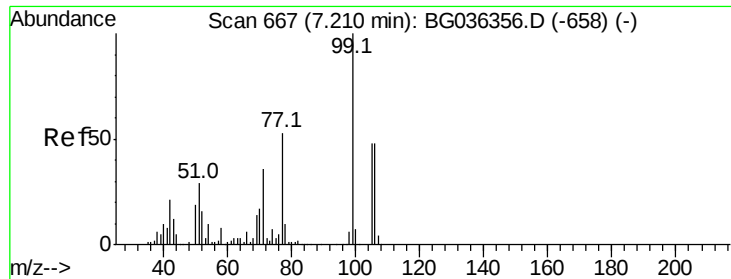
Ion Ratio Lower Upper

128 100

130 32.6 10.0 50.0

64 55.4 36.0 76.0





#9

Benzaldehyde

Concen: 25.493 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

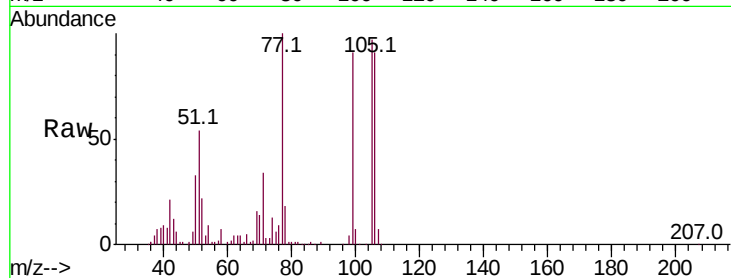
Tot Ion: 77 Resp: 99177

Ion Ratio Lower Upper

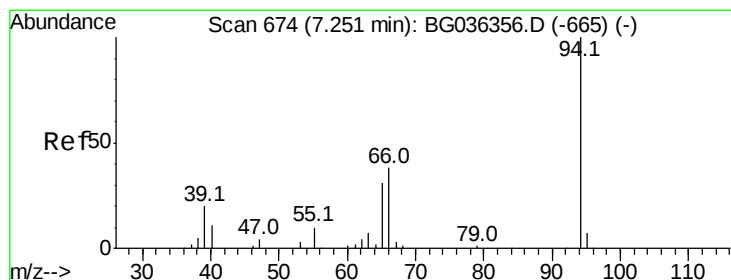
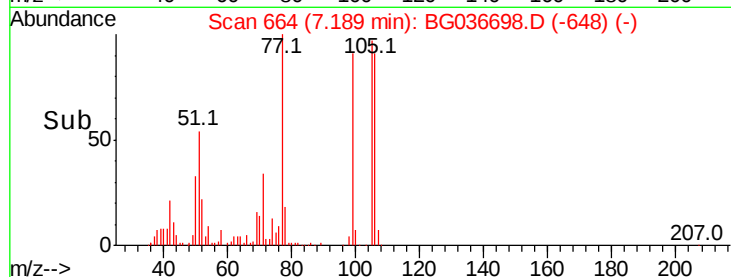
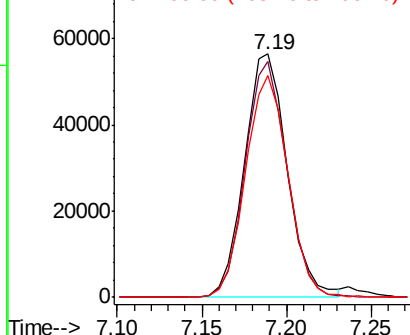
77 100

105 96.8 70.5 110.5

106 91.3 69.8 109.8



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



#10

Phenol

Concen: 49.059 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

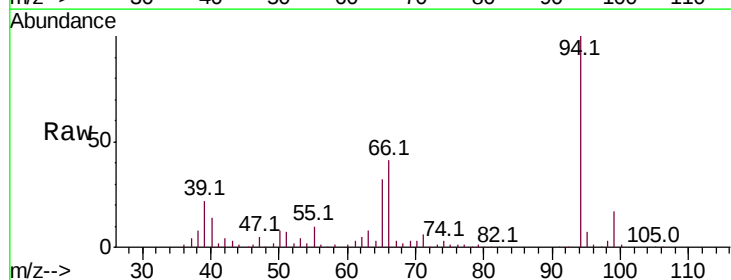
Tgt Ion: 94 Resp: 290040

Ion Ratio Lower Upper

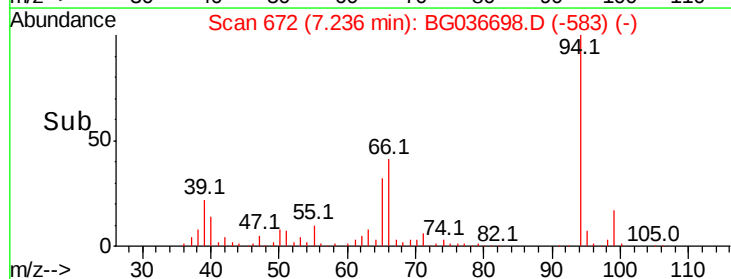
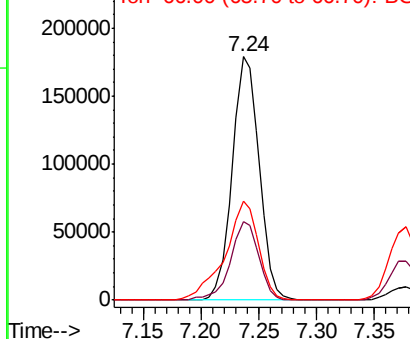
94 100

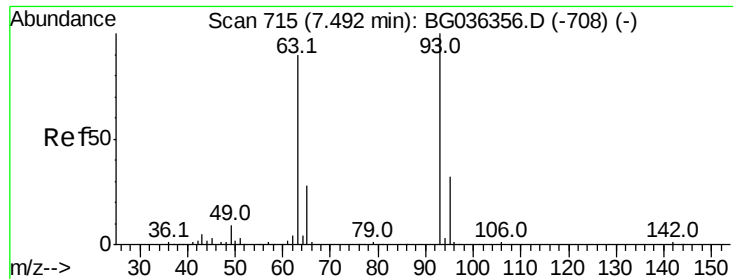
65 32.5 11.5 51.5

66 40.7 19.5 59.5



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

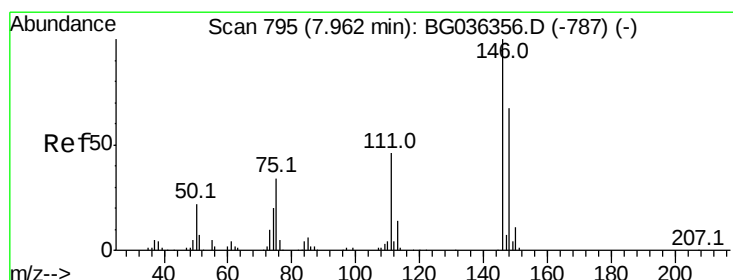
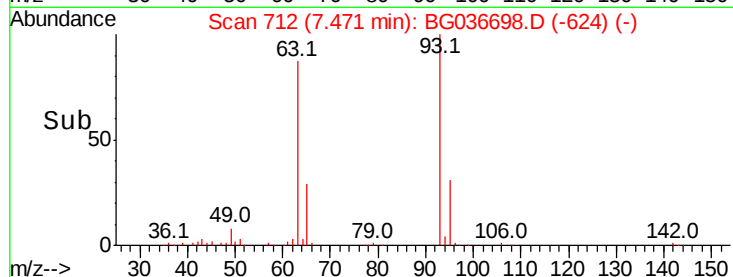
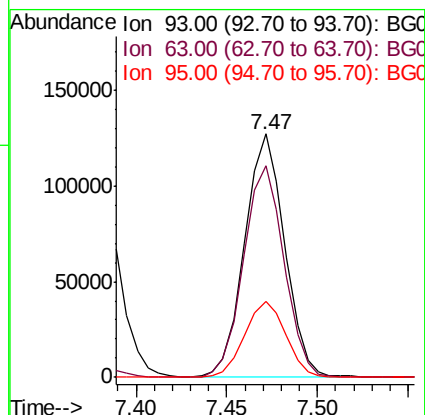
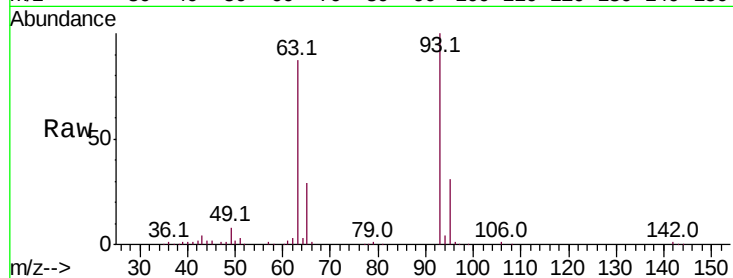




#11
 bis(2-Chloroethyl)ether
 Concen: 41.303 ng
 RT: 7.47 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

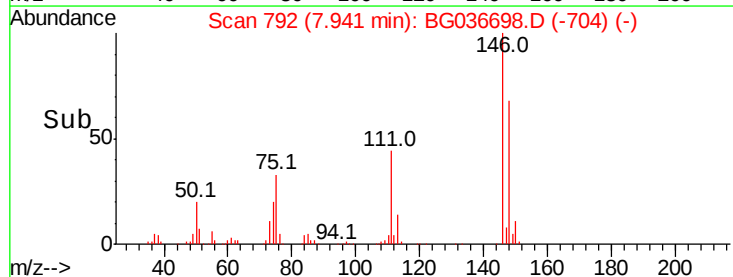
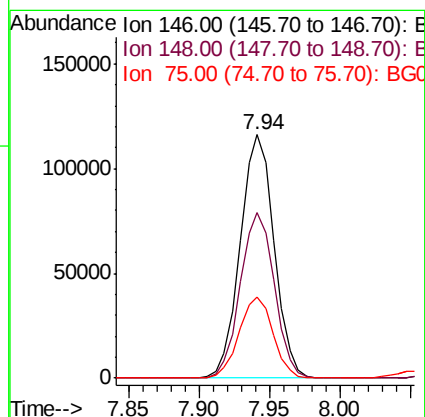
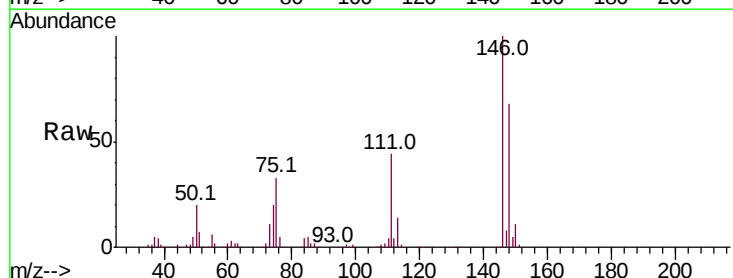
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

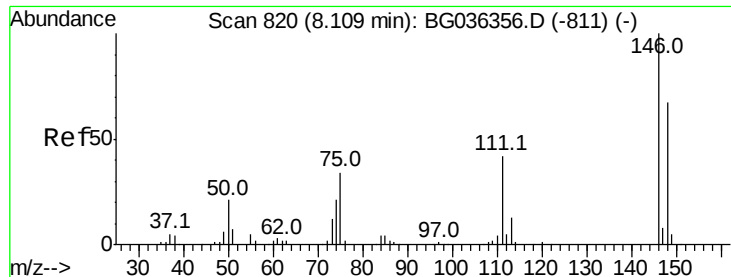
Tot Ion: 93 Resp: 193588
 Ion Ratio Lower Upper
 93 100
 63 87.1 69.9 109.9
 95 31.4 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 39.848 ng
 RT: 7.94 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion: 146 Resp: 194696
 Ion Ratio Lower Upper
 146 100
 148 67.9 53.8 80.6
 75 33.2 27.2 40.8

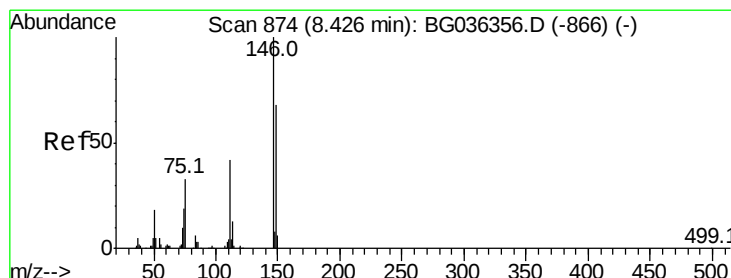
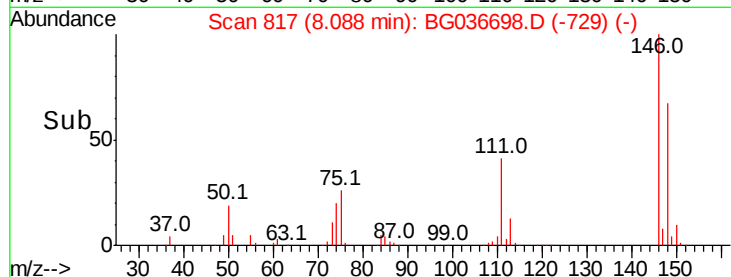
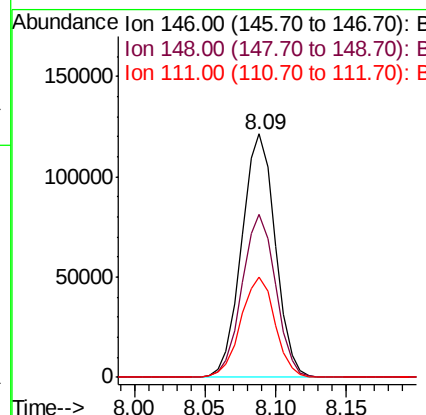
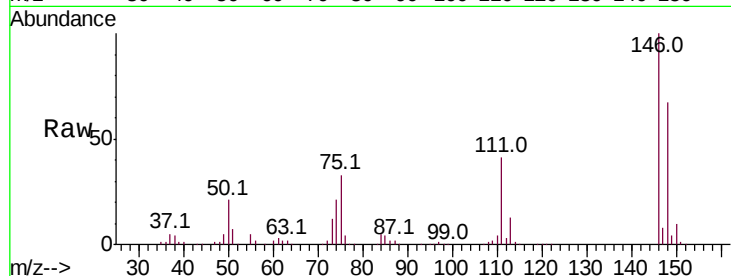




#13
 1,4-Dichlorobenzene
 Concen: 41.031 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

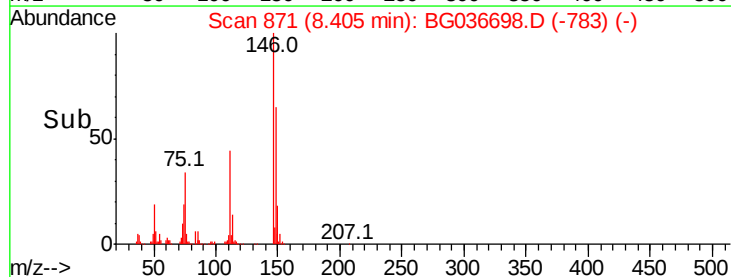
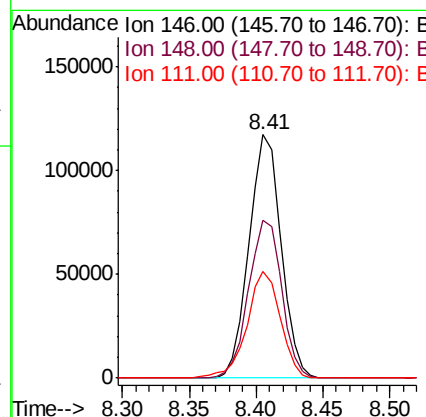
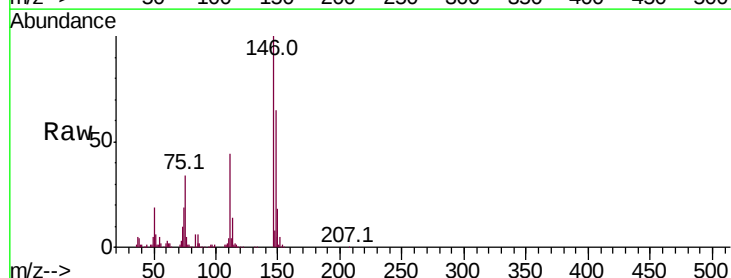
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.9	53.9	80.9
111	41.2	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 41.260 ng
 RT: 8.41 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	55.0	82.6
111	43.9	34.6	51.8

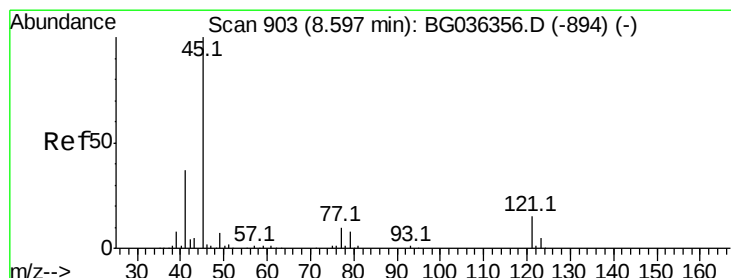
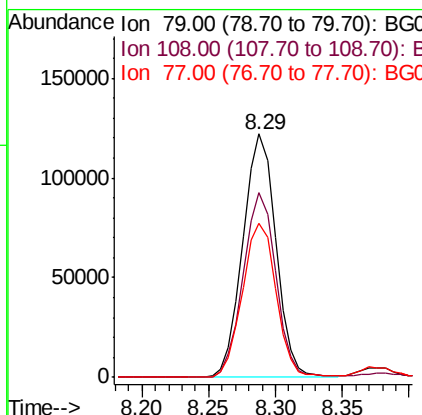
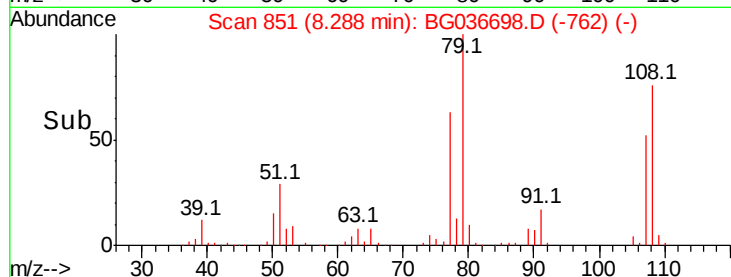
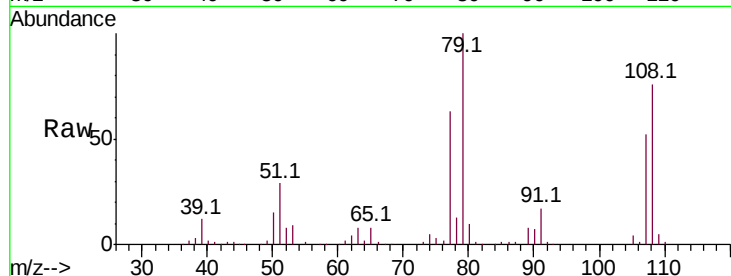




#15
Benzyl Alcohol
Concen: 45.868 ng
RT: 8.29 min Scan# 851
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

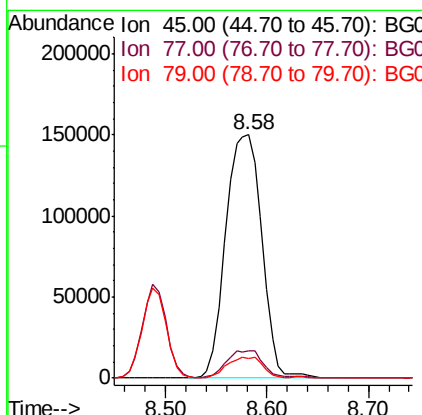
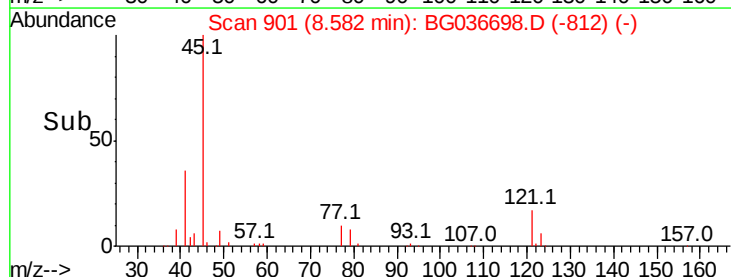
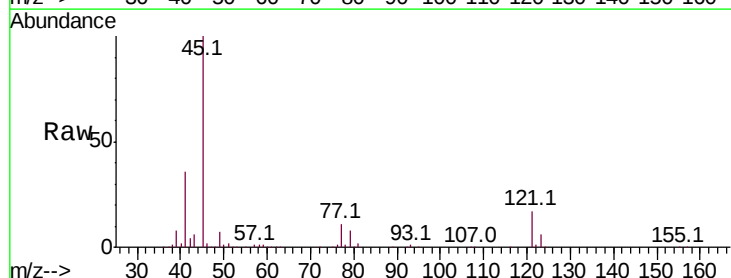
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

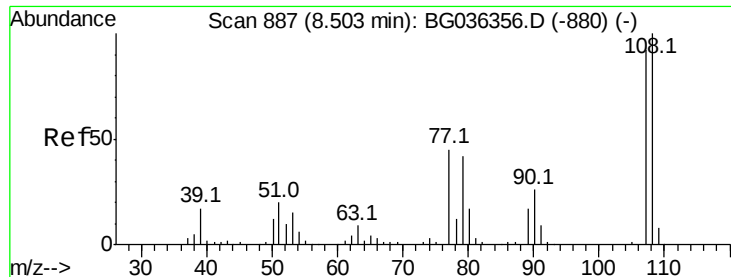
Tot Ion: 79 Resp: 208895
Ion Ratio Lower Upper
79 100
108 75.9 55.9 83.9
77 63.1 50.0 75.0



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.120 ng
RT: 8.58 min Scan# 901
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion: 45 Resp: 369770
Ion Ratio Lower Upper
45 100
77 11.0 0.0 30.5
79 8.2 0.0 27.9

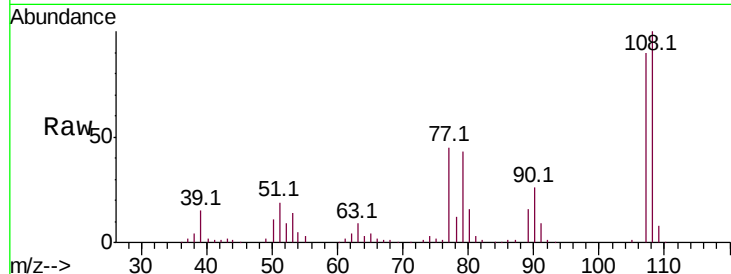




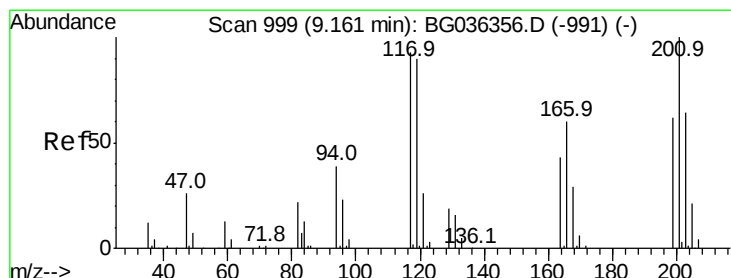
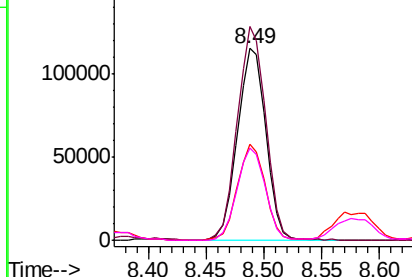
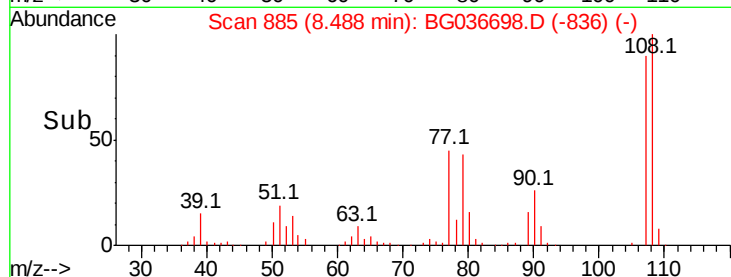
#17
2-Methylphenol
Concen: 50.326 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:107 Resp: 197561
Ion Ratio Lower Upper
107 100
108 111.4 86.7 130.1
77 50.1 39.0 58.4
79 48.0 36.6 54.8

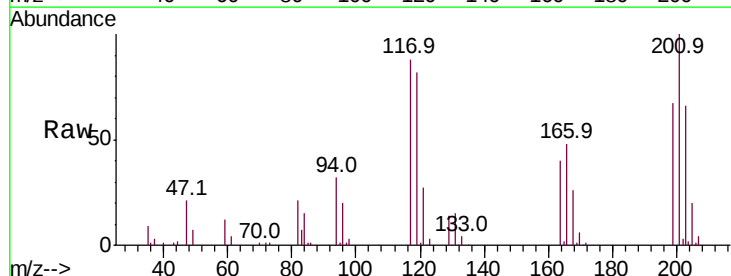


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
150000 Ion 77.00 (76.70 to 77.70): BG
100000 Ion 79.00 (78.70 to 79.70): BG
50000
0

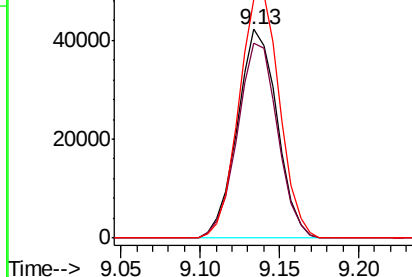
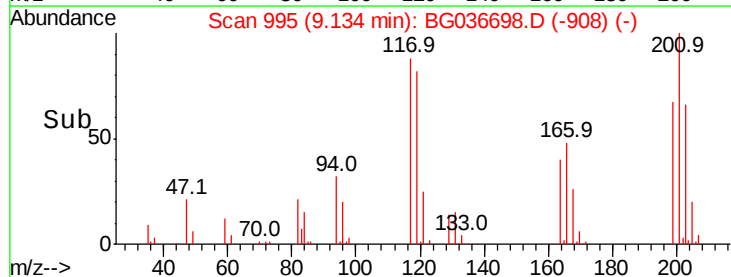


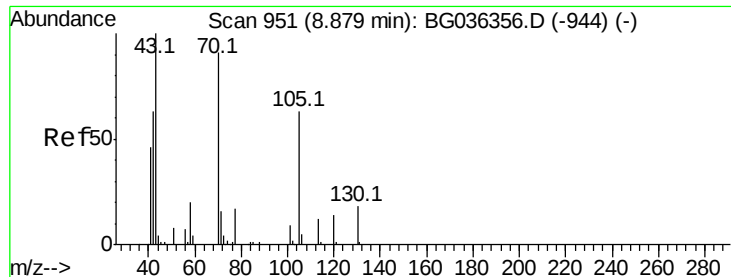
#18
Hexachloroethane
Concen: 41.548 ng
RT: 9.13 min Scan# 995
Delta R.T. -0.02 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:117 Resp: 73484
Ion Ratio Lower Upper
117 100
119 93.4 76.8 115.2
201 114.2 85.7 128.5



Abundance Ion 117.00 (116.70 to 117.70): E
60000 Ion 119.00 (118.70 to 119.70): E
40000 Ion 201.00 (200.70 to 201.70): E
20000
0

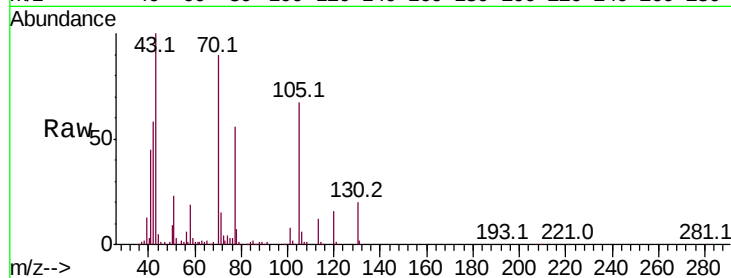




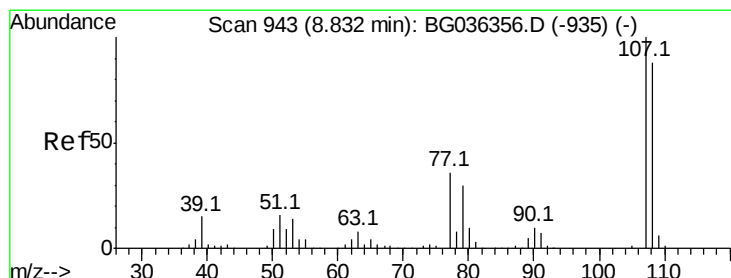
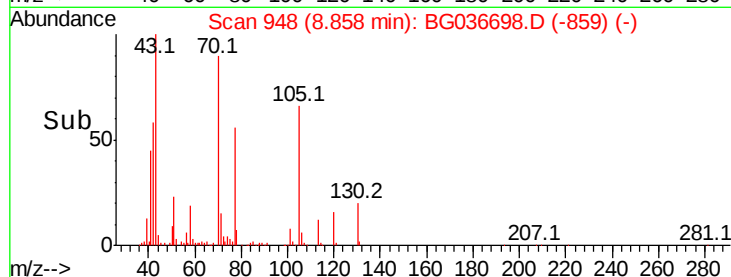
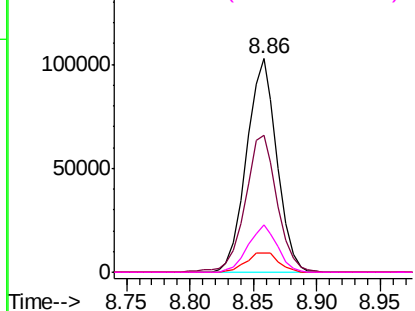
#19
n-Nitroso-di-n-propylamine
Concen: 40.430 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion: 70 Resp: 170700
Ion Ratio Lower Upper
70 100
42 64.1 56.2 84.4
101 9.2 7.8 11.6
130 22.1 16.2 24.2

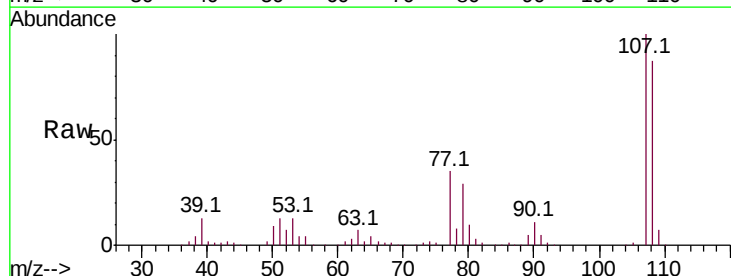


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

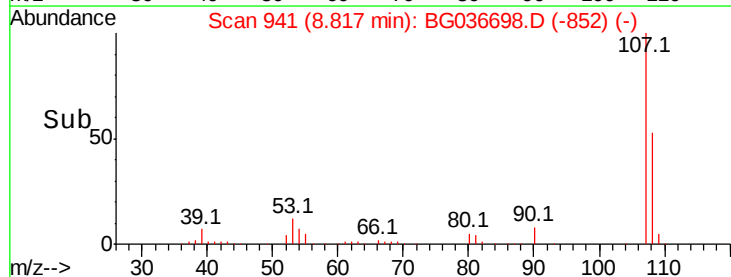
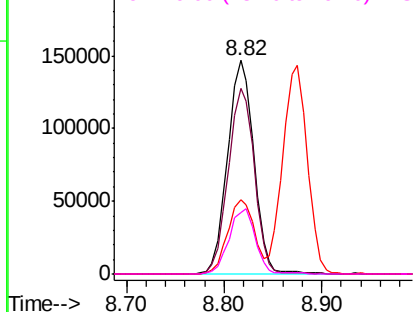


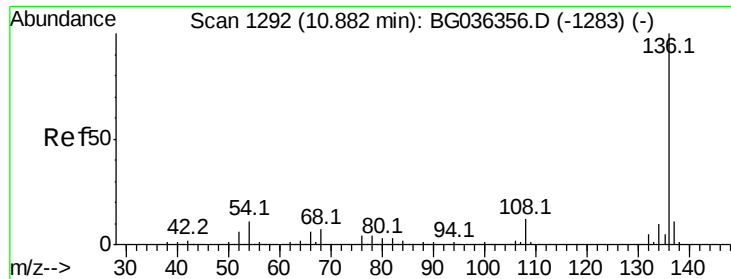
#20
3+4-Methylphenols
Concen: 50.145 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion: 107 Resp: 274827
Ion Ratio Lower Upper
107 100
108 86.9 68.0 108.0
77 34.9 15.6 55.6
79 28.8 9.9 49.9



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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

Tot Ion:136 Resp: 273982

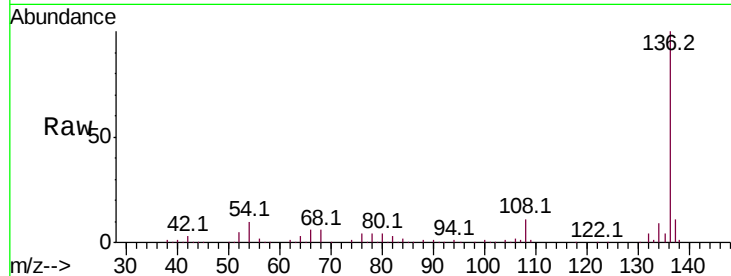
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 10.2 9.2 13.8

68 6.3 5.8 8.6

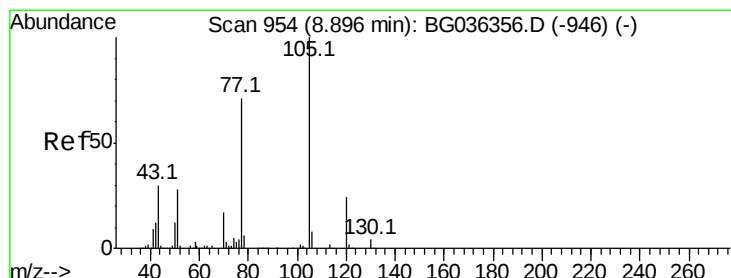
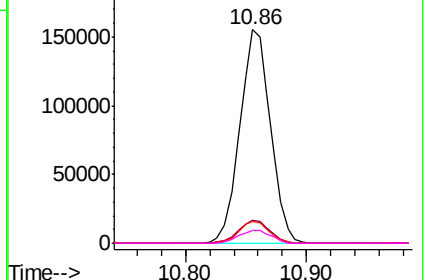
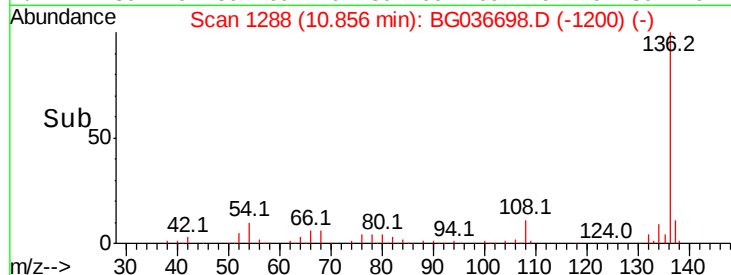


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.689 ng

RT: 8.88 min Scan# 951

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Tgt Ion:105 Resp: 314328

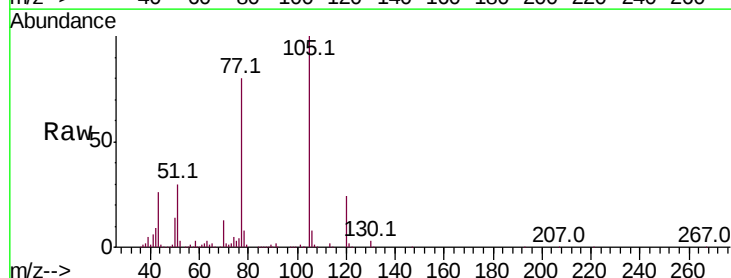
Ion Ratio Lower Upper

105 100

71 2.0 2.4 3.6#

51 30.5 25.9 38.9

120 23.6 19.4 29.0

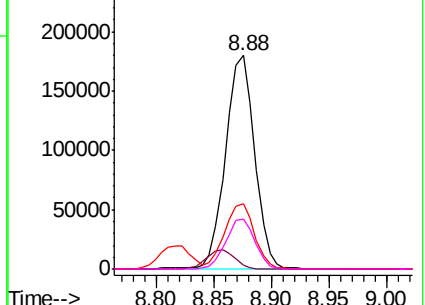
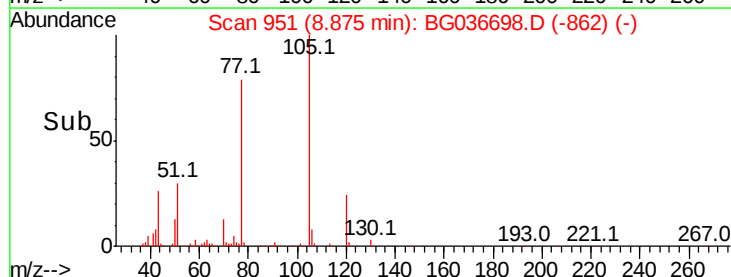


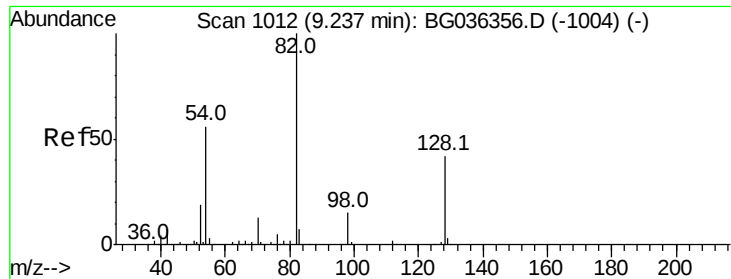
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

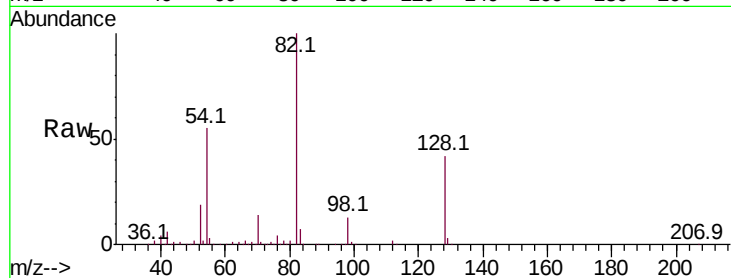




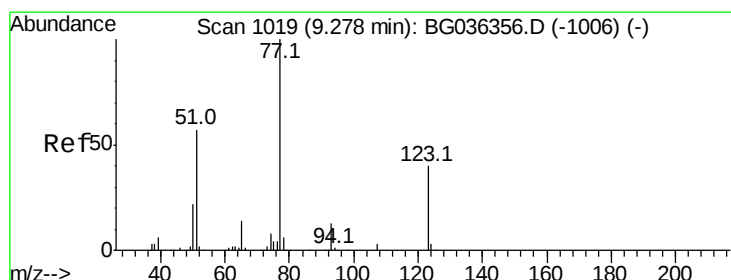
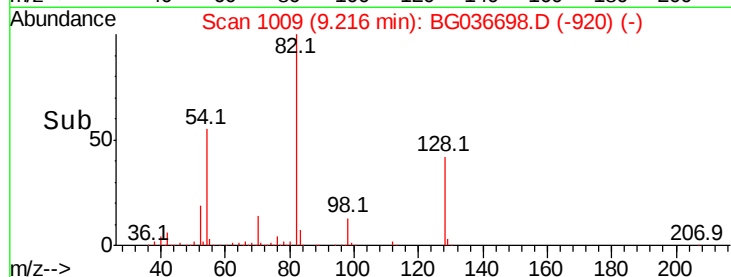
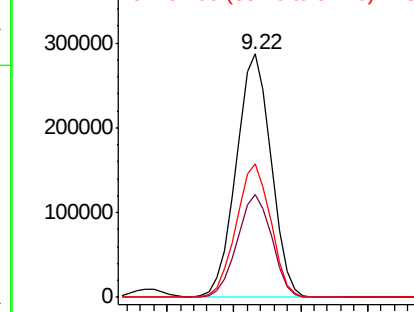
#23
 Nitrobenzene-d5
 Concen: 102.645 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion: 82 Resp: 518331
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.3 49.9
 54 55.1 45.1 67.7

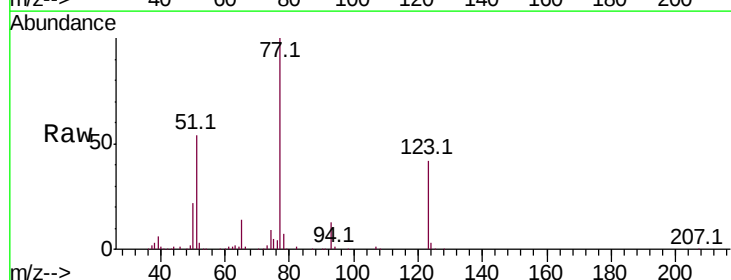


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

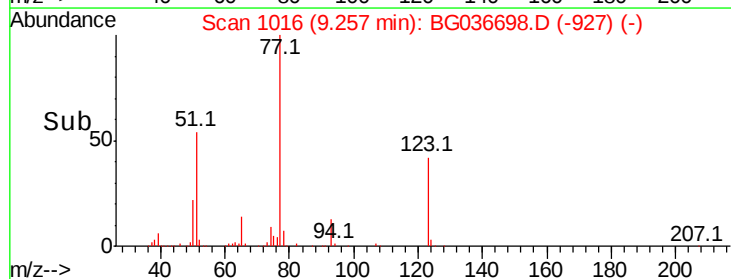
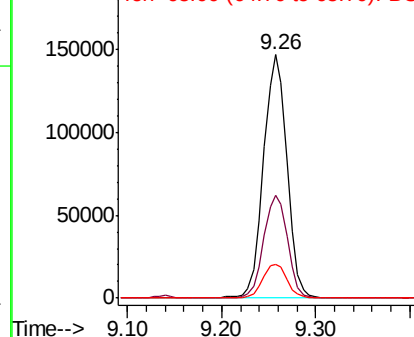


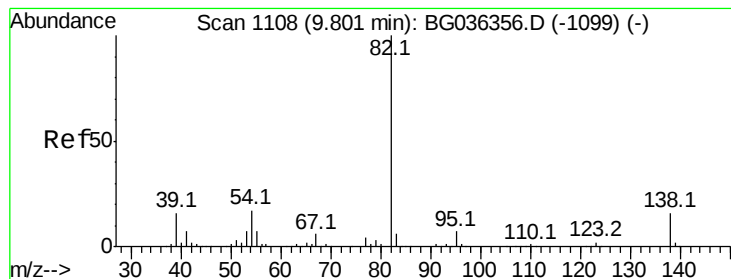
#24
 Nitrobenzene
 Concen: 46.470 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion: 77 Resp: 253042
 Ion Ratio Lower Upper
 77 100
 123 42.2 32.4 48.6
 65 14.0 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 48.109 ng

RT: 9.77 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

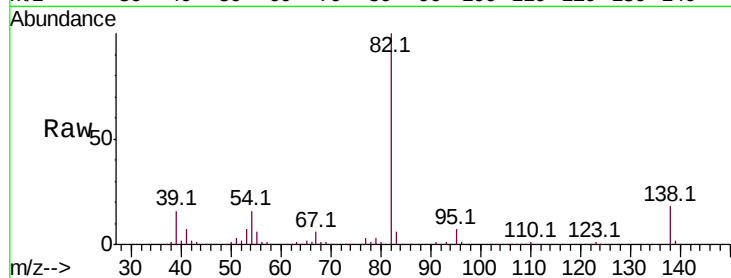
Tot Ion: 82 Resp: 482611

Ion Ratio Lower Upper

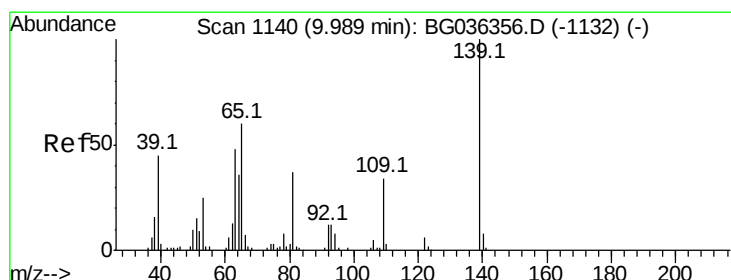
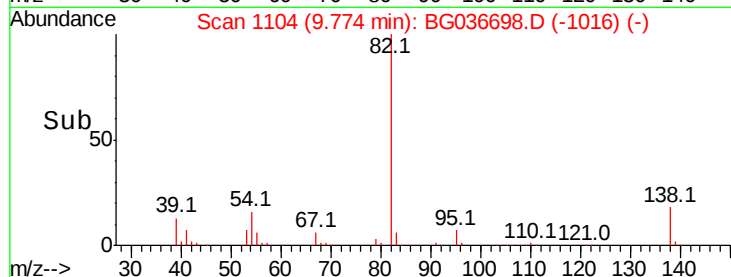
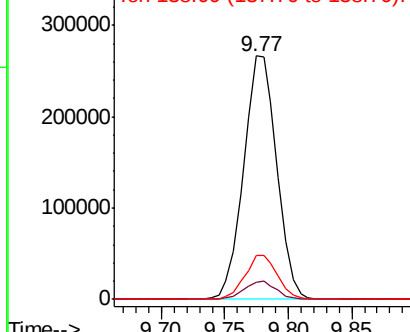
82 100

95 7.1 5.8 8.8

138 17.8 12.9 19.3



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



#26

2-Nitrophenol

Concen: 53.910 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

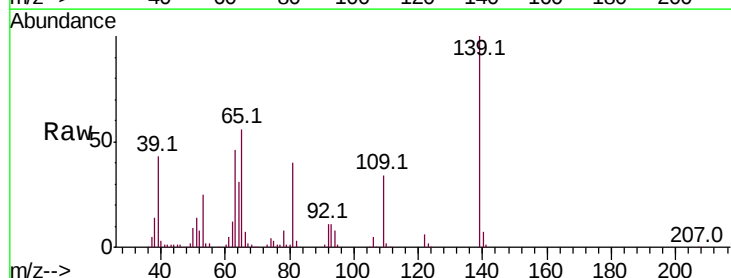
Tgt Ion: 139 Resp: 116325

Ion Ratio Lower Upper

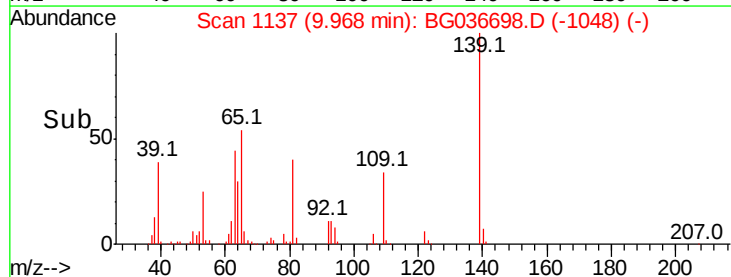
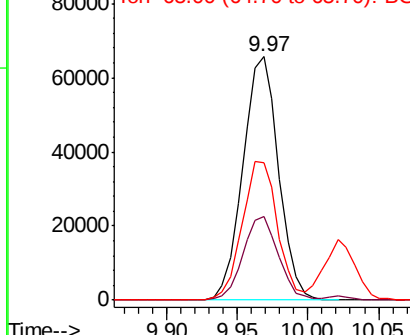
139 100

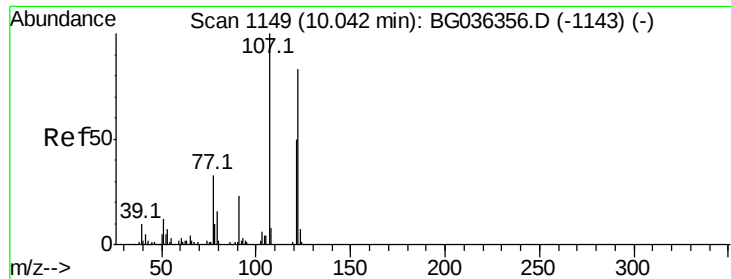
109 34.5 27.4 41.0

65 56.4 47.8 71.6



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

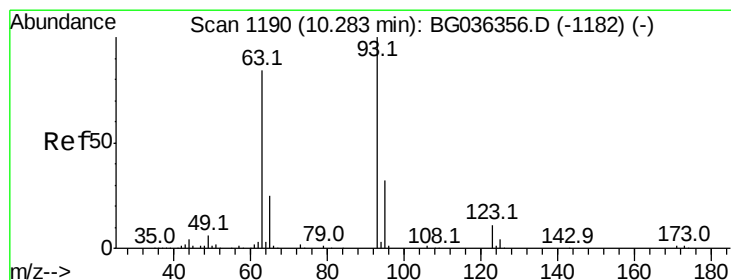
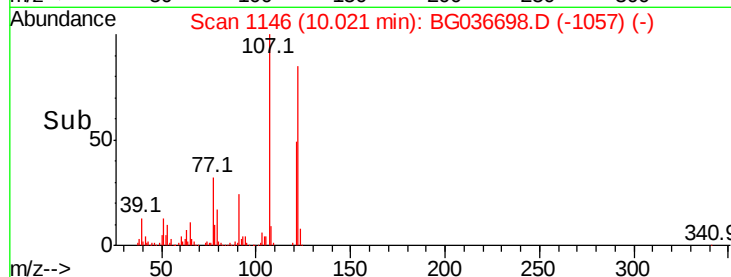
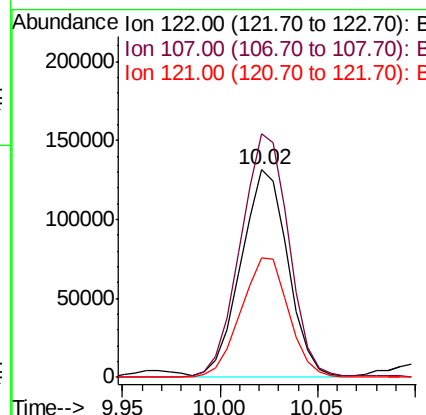
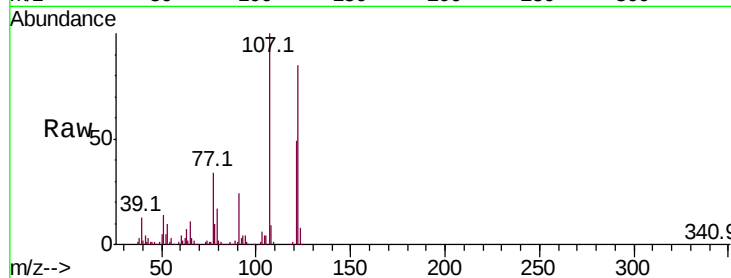




#27
2,4-Dimethylphenol
Concen: 54.602 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

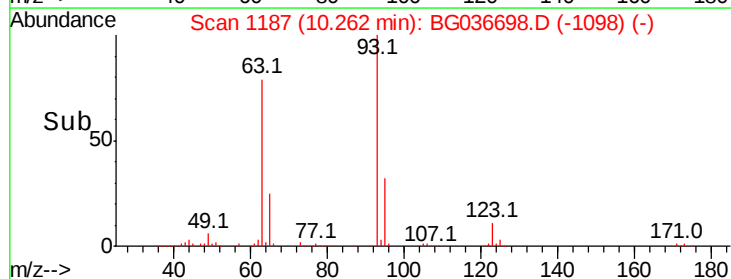
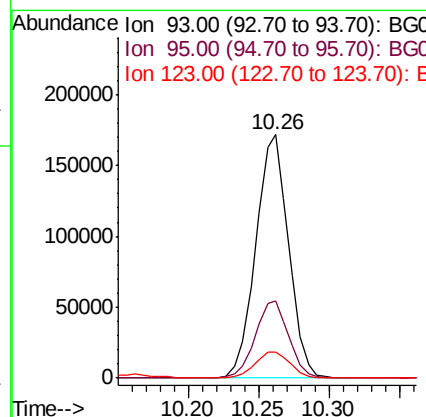
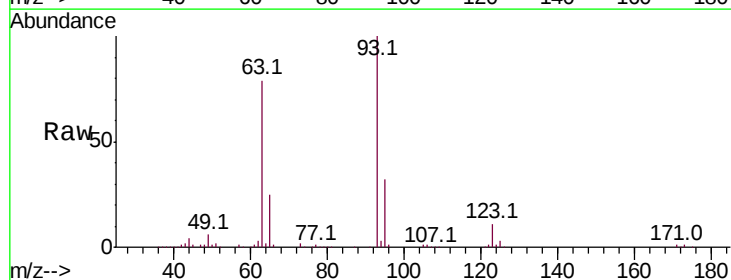
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.3	96.0	144.0
121	57.5	48.2	72.4



#28
bis(2-Chloroethoxy)methane
Concen: 45.526 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	25.2	37.8
123	10.9	8.6	12.8

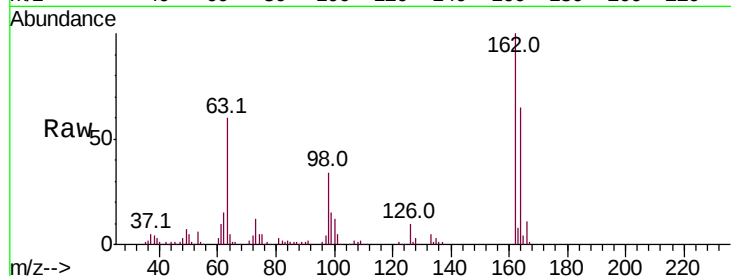




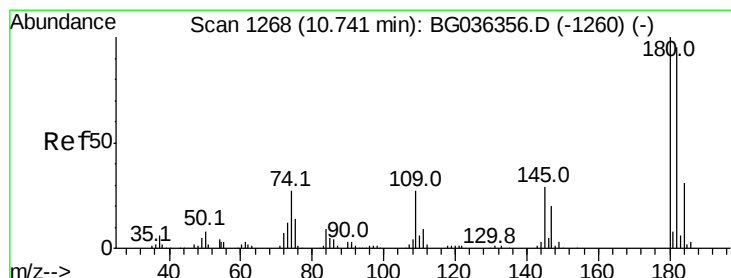
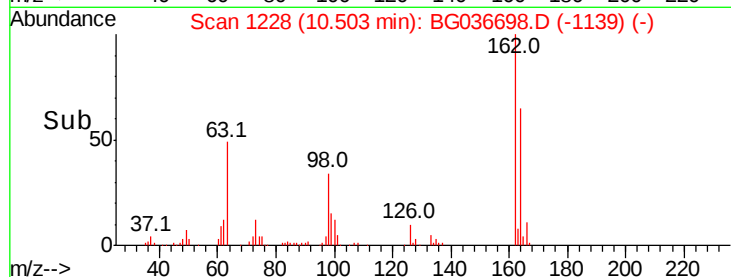
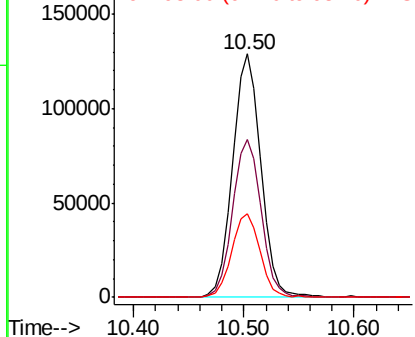
#29
2,4-Dichlorophenol
Concen: 52.979 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.1	47.6	87.6
98	34.3	19.2	59.2

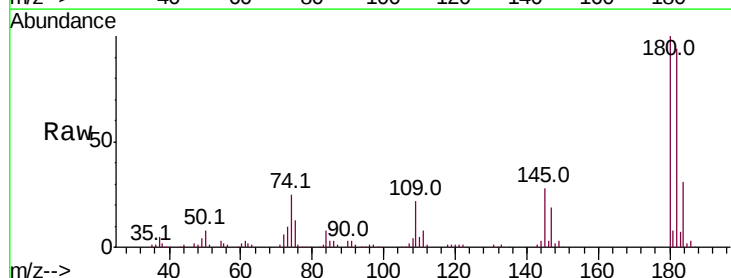


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

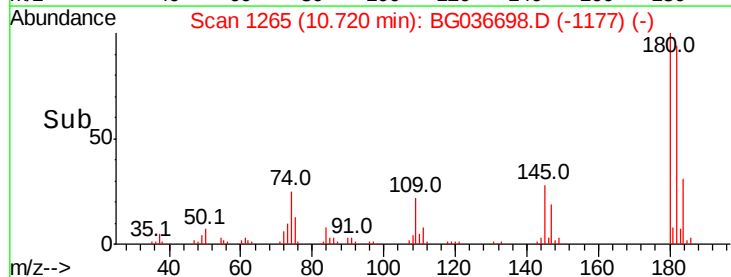
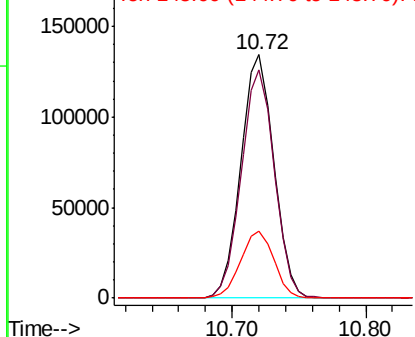


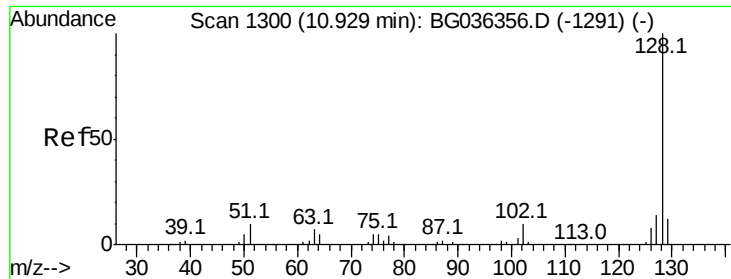
#30
1,2,4-Trichlorobenzene
Concen: 44.781 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.0	114.0
145	27.6	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

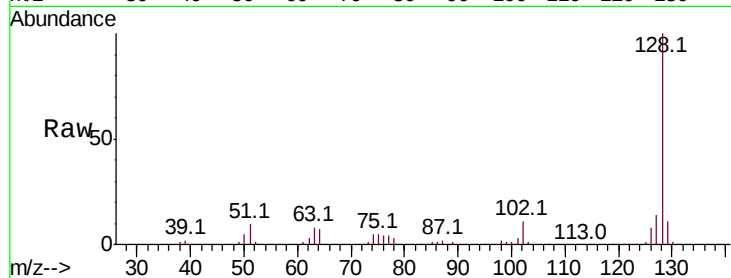




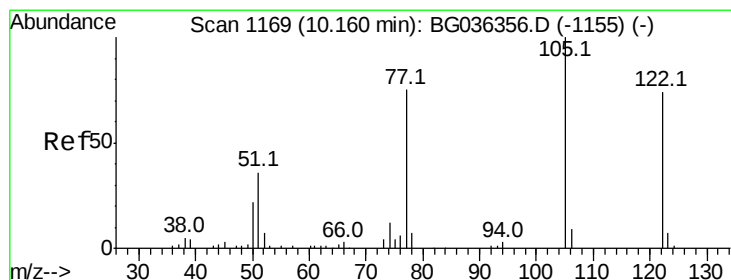
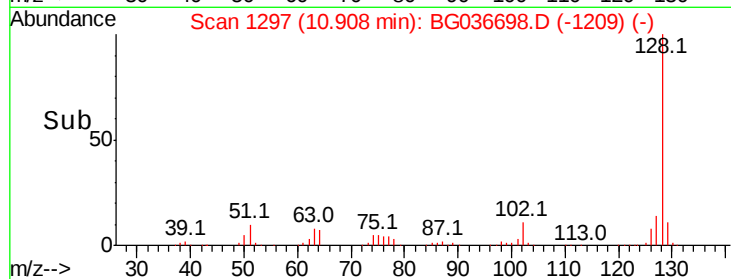
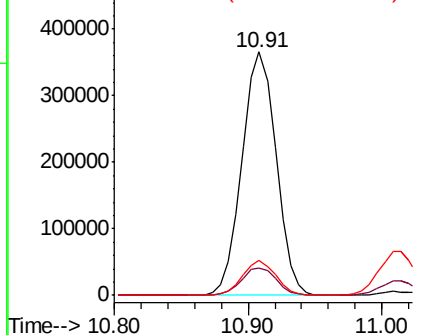
#31
Naphthalene
Concen: 47.247 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:128 Resp: 647106
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.2
127 14.2 11.0 16.4

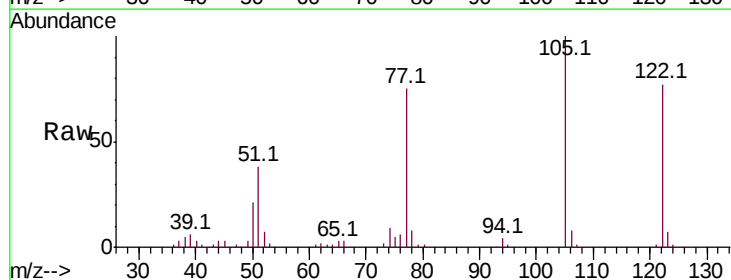


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

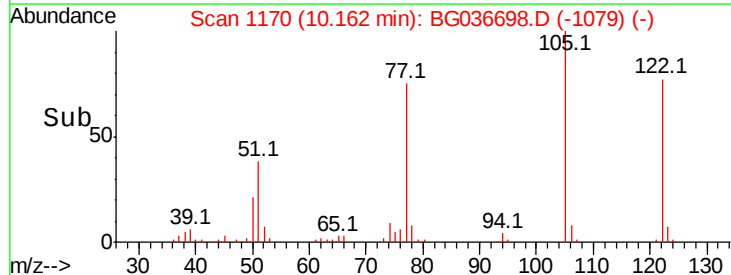
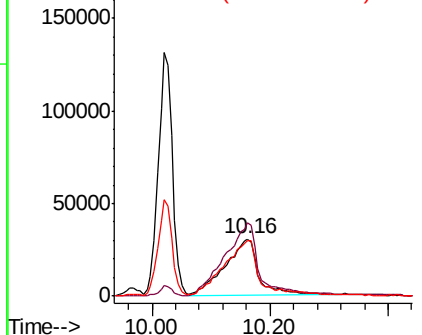


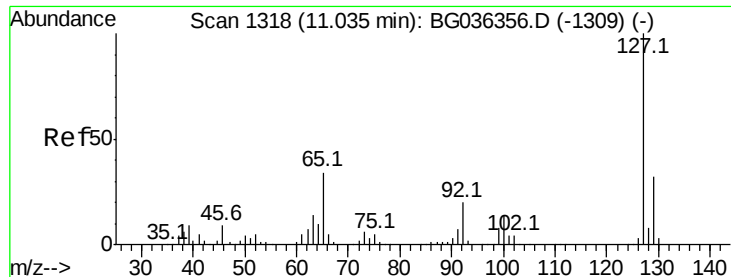
#32
Benzoic acid
Concen: 41.464 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:122 Resp: 120814
Ion Ratio Lower Upper
122 100
105 129.6 108.1 148.1
77 97.3 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

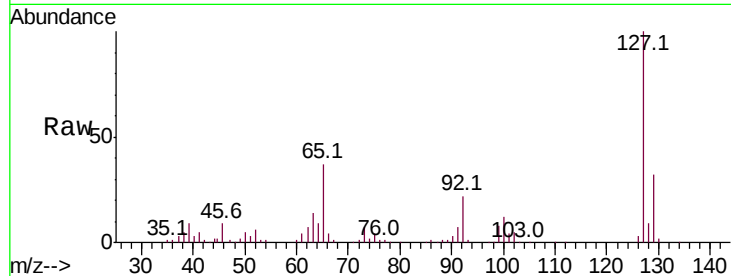




#33
4-Chloroaniline
Concen: 20.740 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:	127	Resp:	130167
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	37.1	27.5	41.3
92	21.9	16.2	24.2



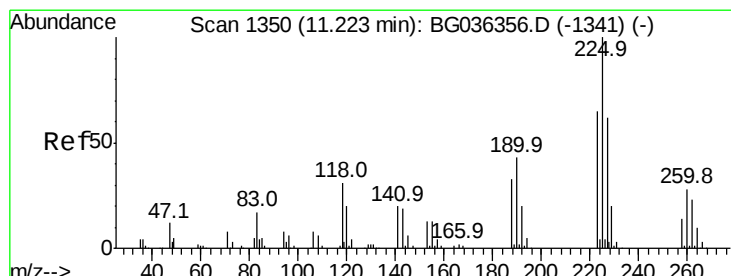
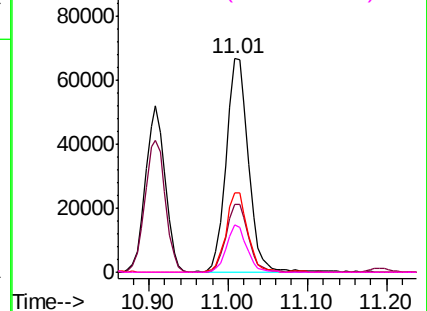
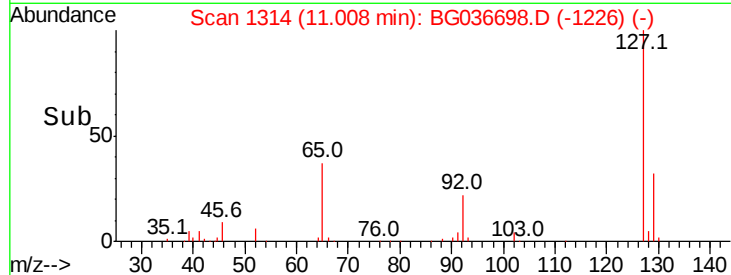
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

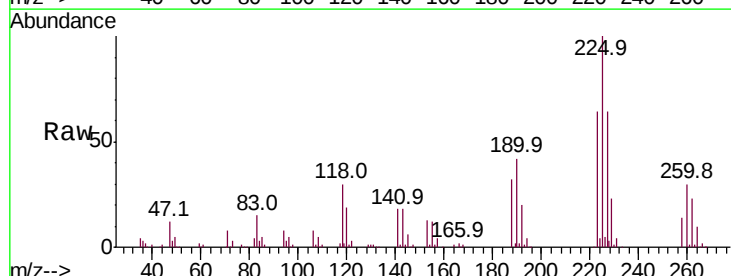
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.355 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:	225	Resp:	152636
Ion	Ratio	Lower	Upper
225	100		
223	64.1	51.8	77.8
227	64.1	49.8	74.6

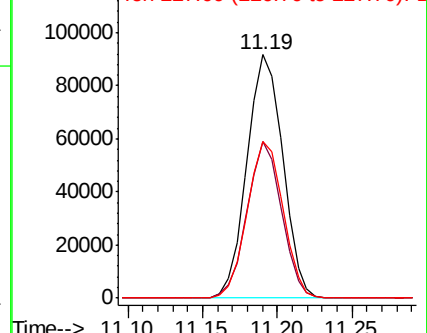
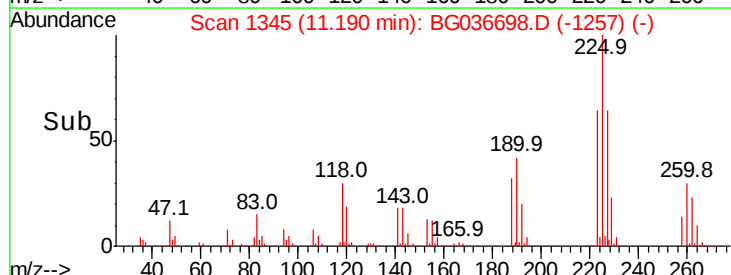


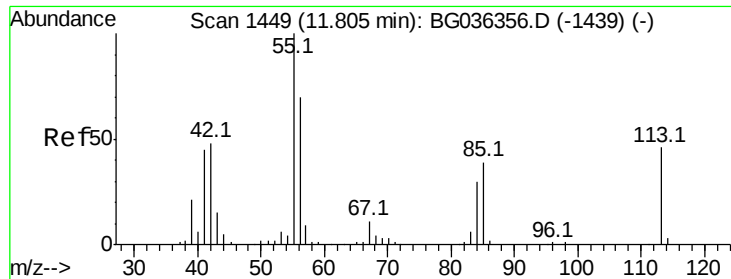
Abundance

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

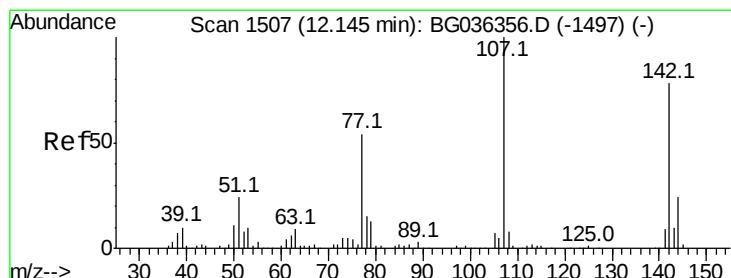
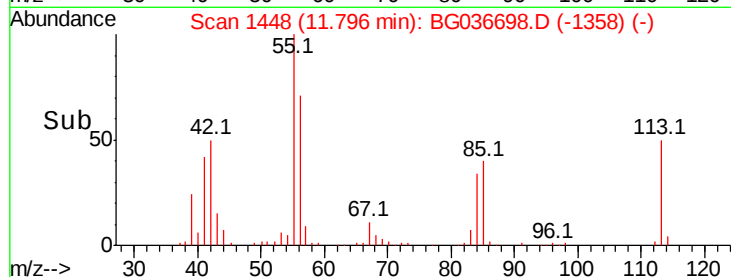
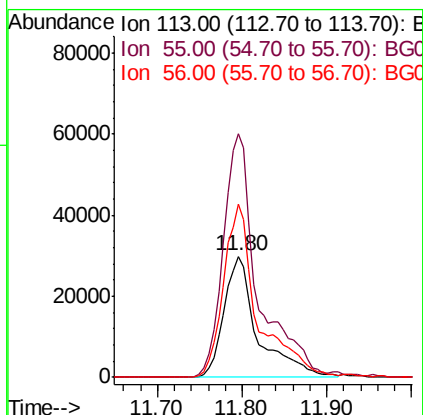
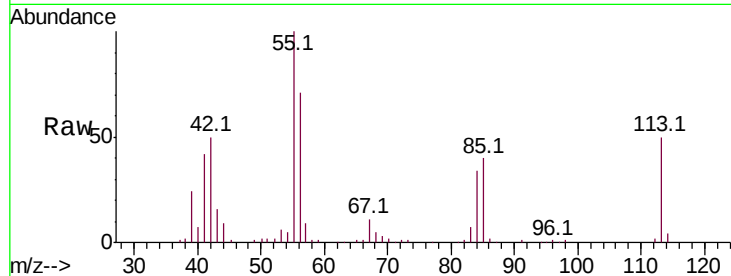




#35
 Caprolactam
 Concen: 47.451 ng
 RT: 11.80 min Scan# 1448
 Delta R.T. 0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

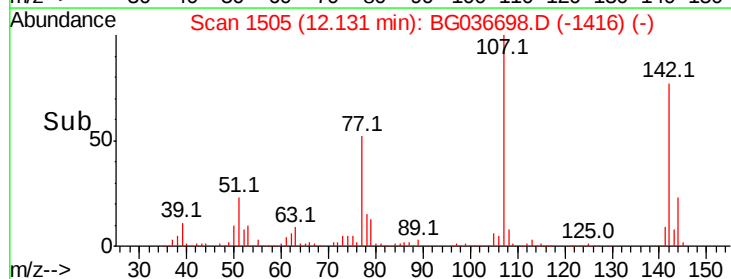
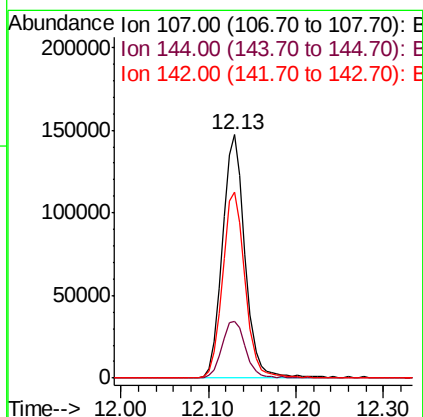
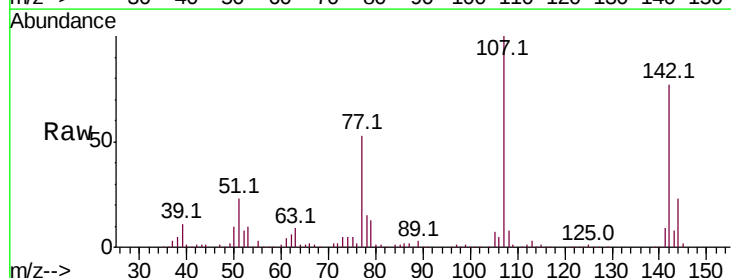
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

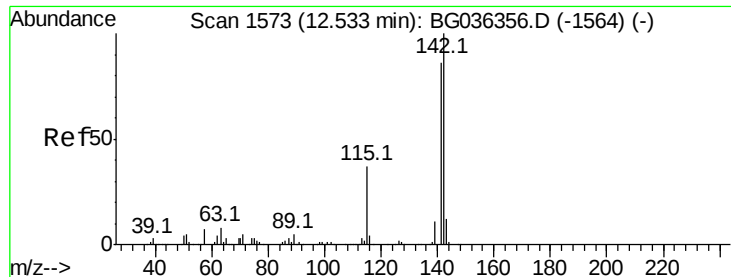
Tot Ion:113 Resp: 82759
 Ion Ratio Lower Upper
 113 100
 55 201.3 197.7 237.7
 56 143.1 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 51.517 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:107 Resp: 262083
 Ion Ratio Lower Upper
 107 100
 144 23.4 19.5 29.3
 142 76.5 62.4 93.6

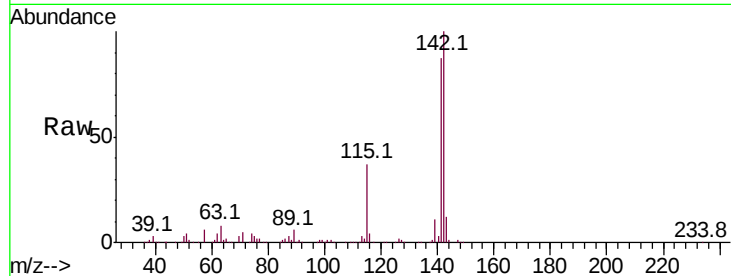




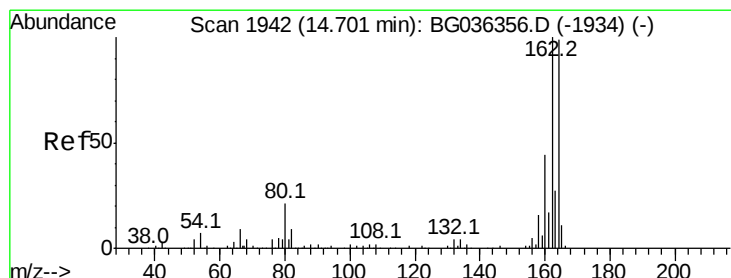
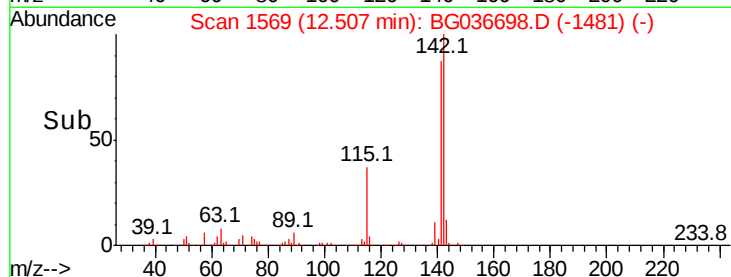
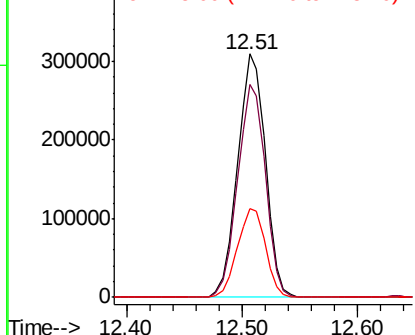
#37
2-Methylnaphthalene
Concen: 51.384 ng
RT: 12.51 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:142 Resp: 514942
Ion Ratio Lower Upper
142 100
141 87.2 68.5 102.7
115 36.5 29.8 44.8

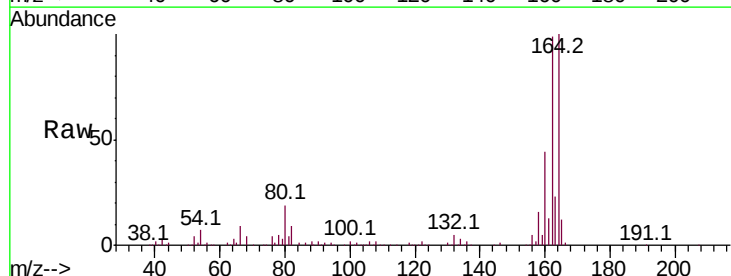


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

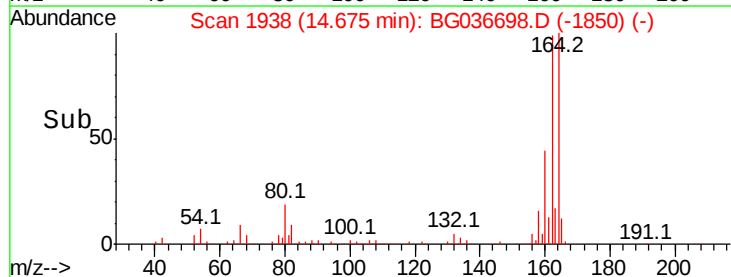
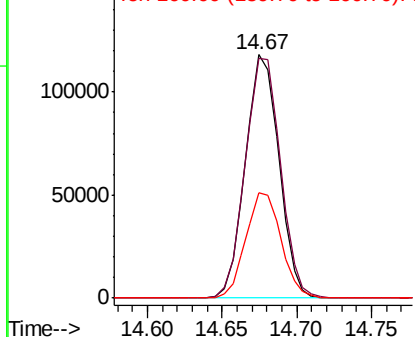


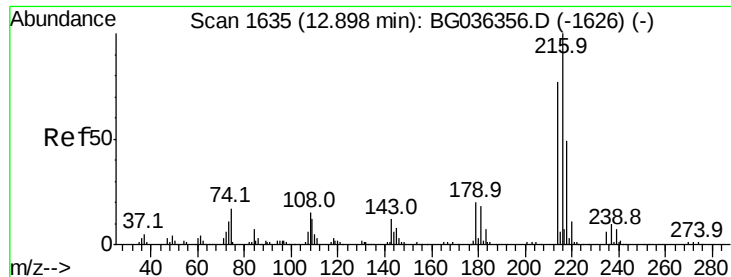
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:164 Resp: 184024
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 43.5 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

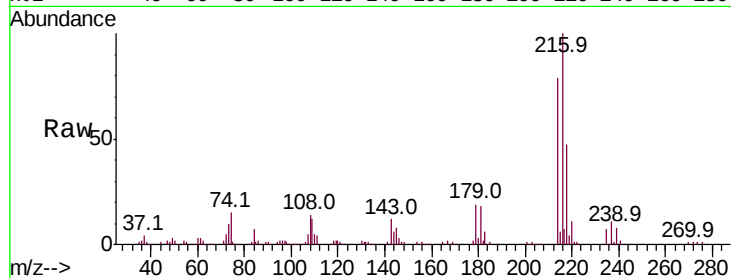




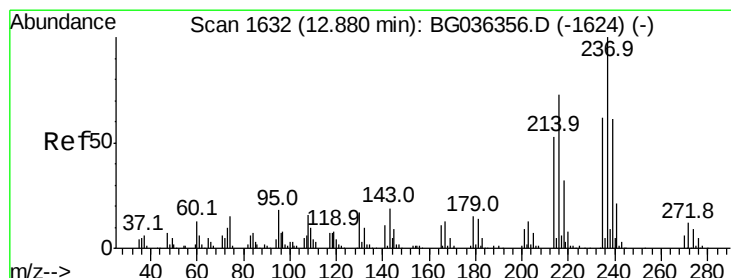
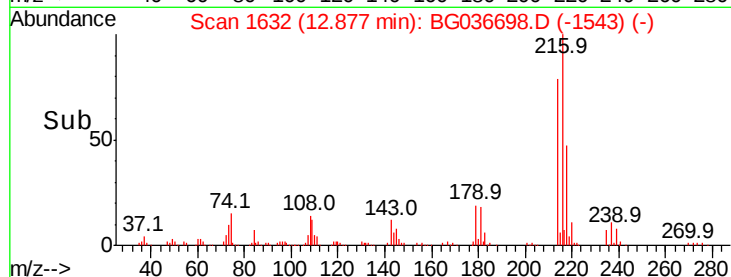
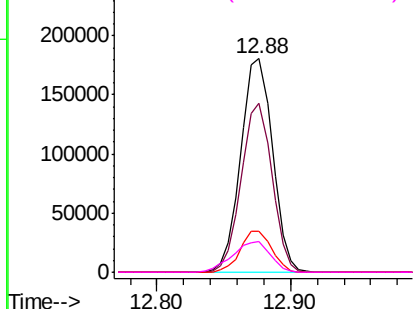
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.723 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion:	216	Resp:	297767
Ion	Ratio	Lower	Upper
216	100		
214	76.7	61.0	91.6
179	19.1	15.7	23.5
108	17.4	13.1	19.7

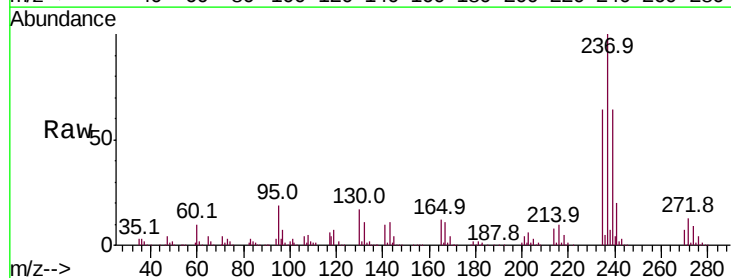


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

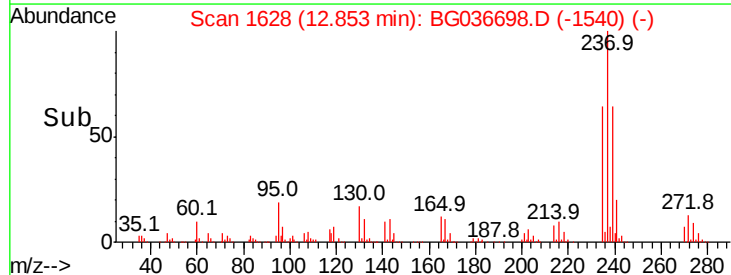
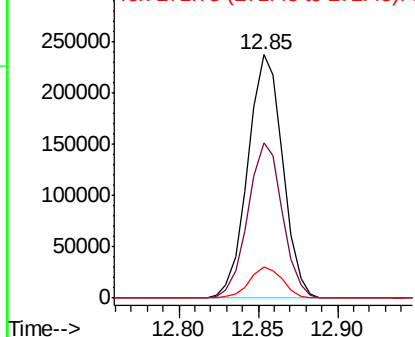


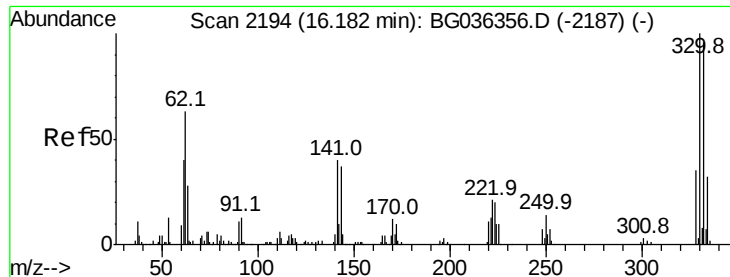
#40
 Hexachlorocyclopentadiene
 Concen: 106.844 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:	237	Resp:	362031
Ion	Ratio	Lower	Upper
237	100		
235	63.7	42.2	82.2
272	12.6	0.0	32.1



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

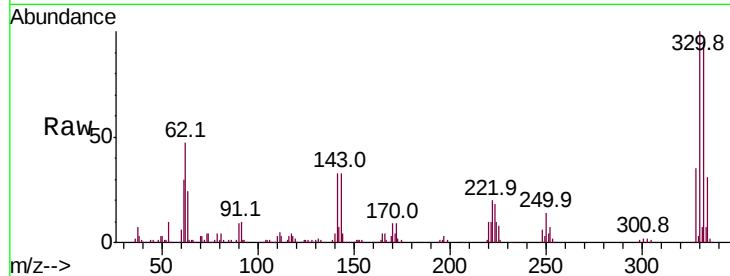




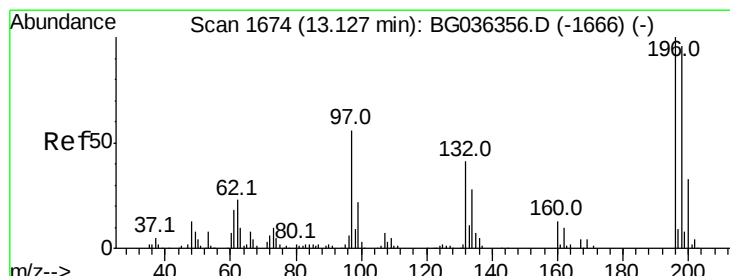
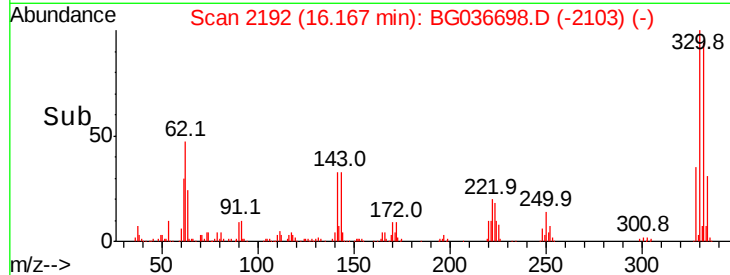
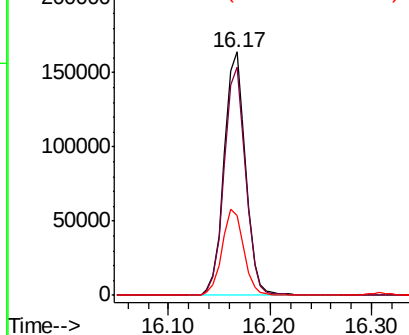
#41
 2,4,6-Tribromophenol
 Concen: 109.910 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion:330 Resp: 241343
 Ion Ratio Lower Upper
 330 100
 332 94.1 75.4 113.2
 141 35.7 30.7 46.1

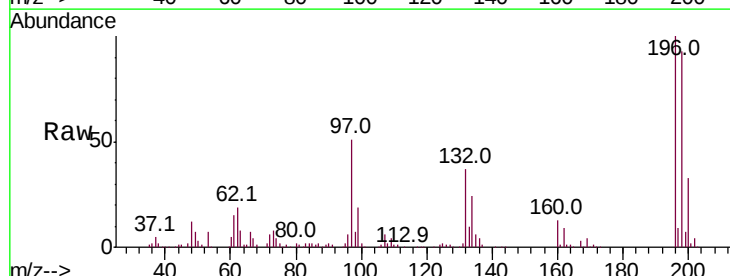


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

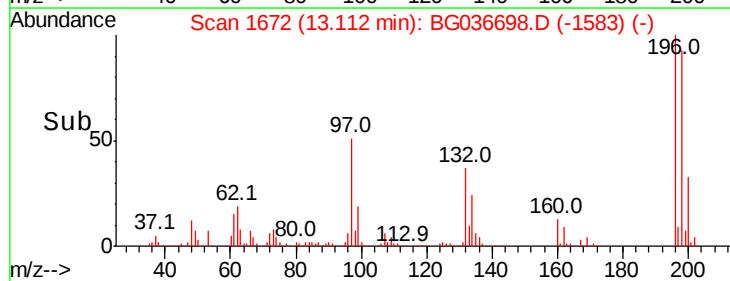
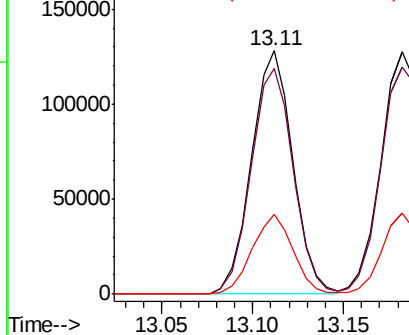


#42
 2,4,6-Trichlorophenol
 Concen: 51.017 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:196 Resp: 202385
 Ion Ratio Lower Upper
 196 100
 198 92.7 77.2 115.8
 200 32.7 26.3 39.5



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

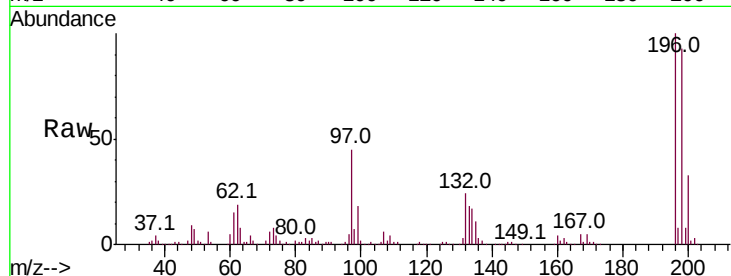




#43
 2,4,5-Trichlorophenol
 Concen: 50.769 ng
 RT: 13.18 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.5	75.6	113.4
97	45.0	37.2	55.8
132	24.1	19.4	29.2



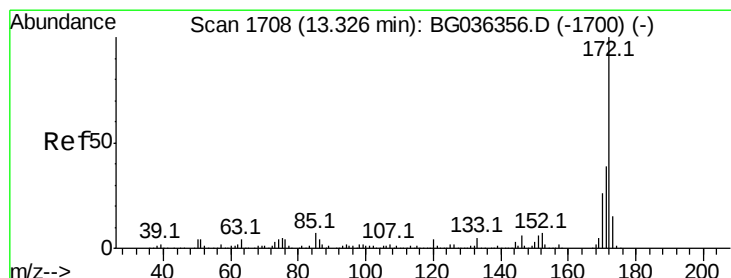
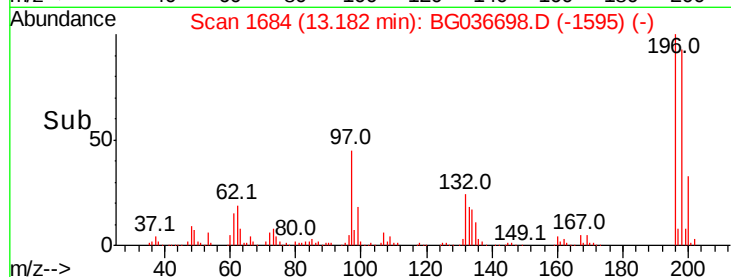
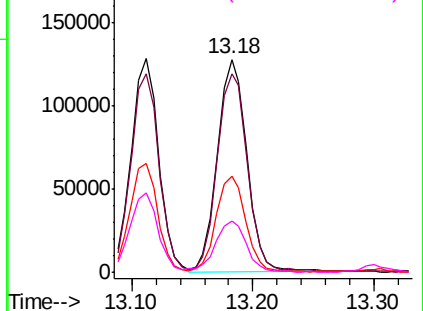
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

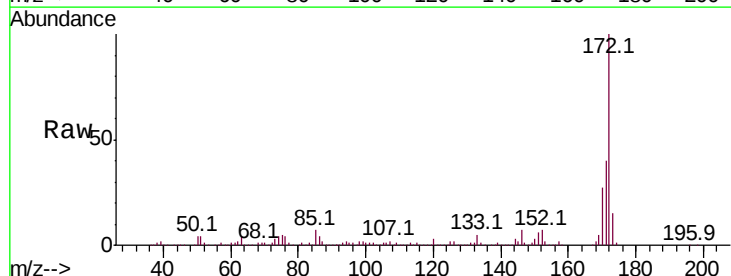
Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.103 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	31.3	46.9
170	26.7	21.0	31.6

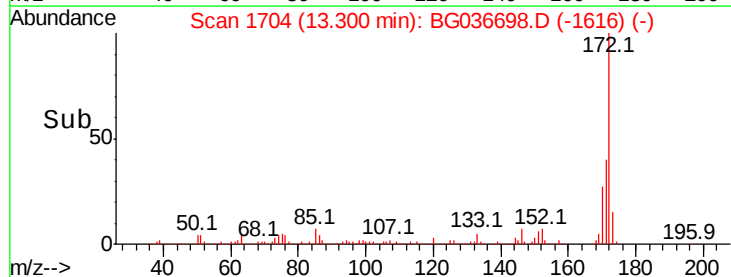
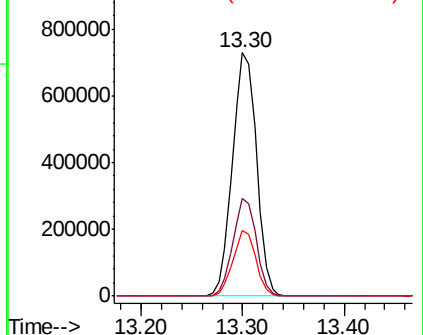


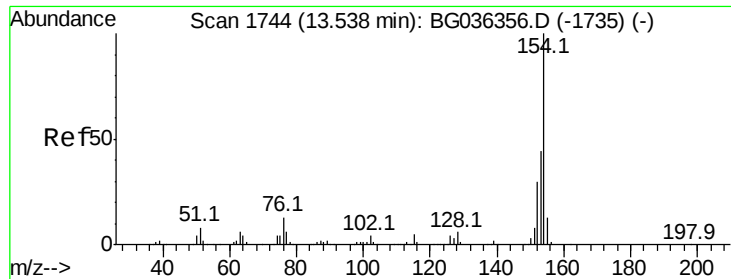
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

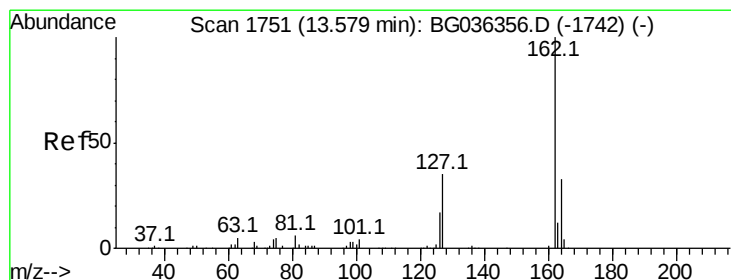
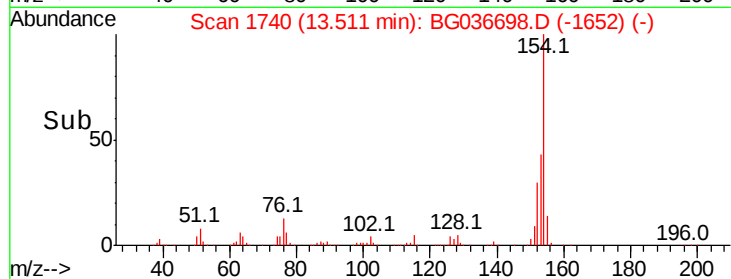
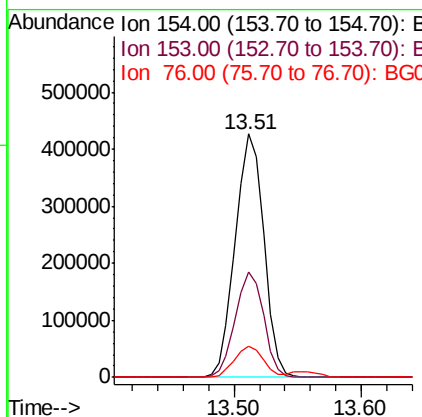
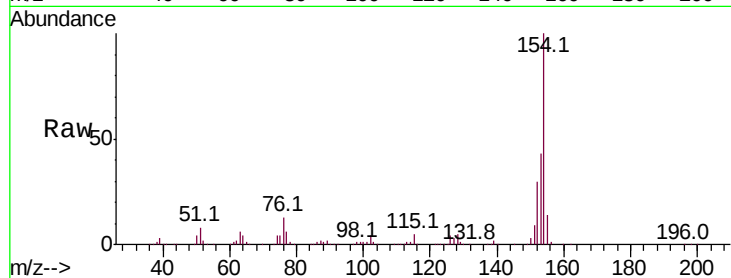




#45
 1,1'-Biphenyl
 Concen: 43.649 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

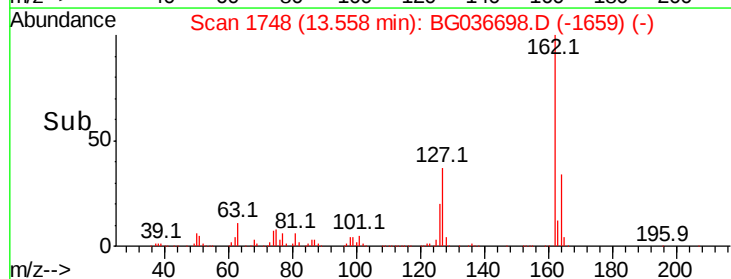
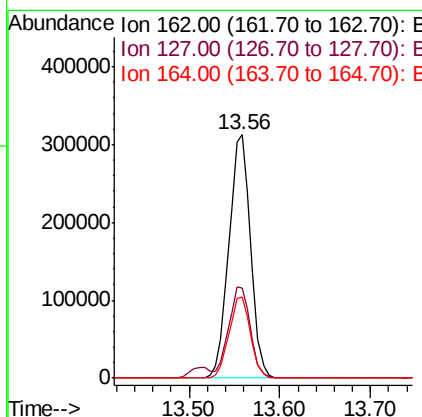
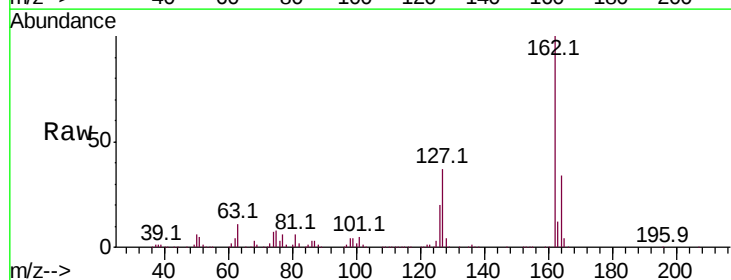
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

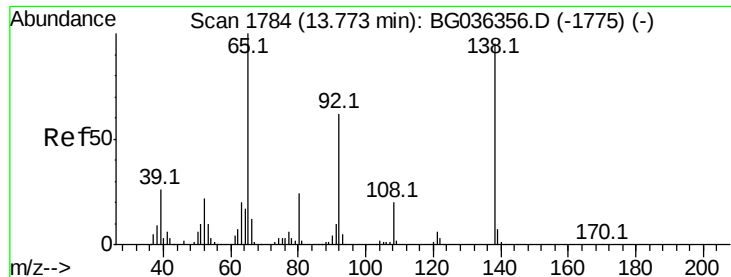
Tot Ion	Ratio	Lower	Upper
154	100		
153	43.1	24.0	64.0
76	12.9	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 44.551 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.7	46.1
164	33.5	26.7	40.1





#47

2-Nitroaniline

Concen: 49.948 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

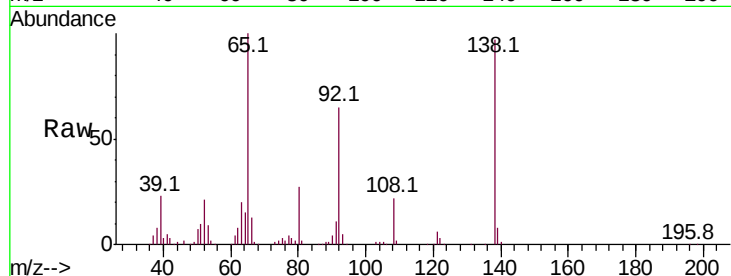
Tot Ion: 65 Resp: 182908

Ion Ratio Lower Upper

65 100

92 64.9 49.9 74.9

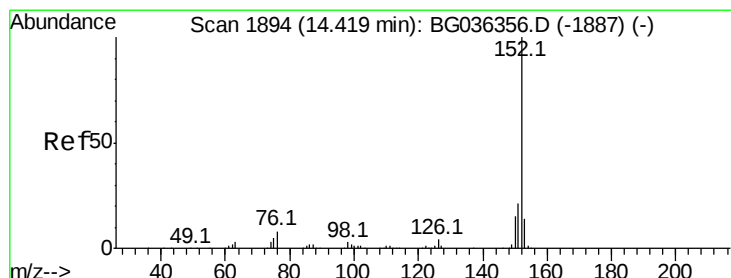
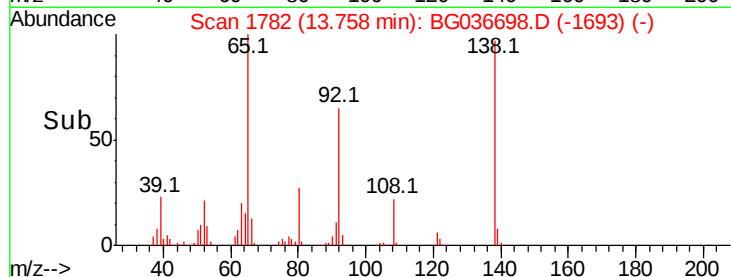
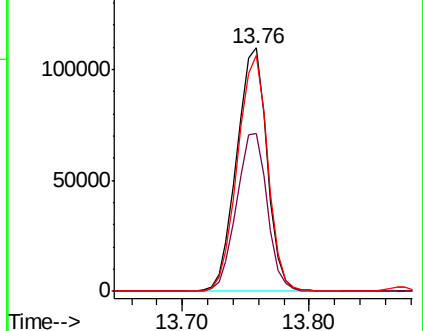
138 96.9 76.2 114.4



Abundance Ion 65.00 (64.70 to 65.70): BG036698.D (-1775) (-)

Ion 92.00 (91.70 to 92.70): BG036698.D (-1775) (-)

Ion 138.00 (137.70 to 138.70): BG036698.D (-1775) (-)



#48

Acenaphthylene

Concen: 48.257 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

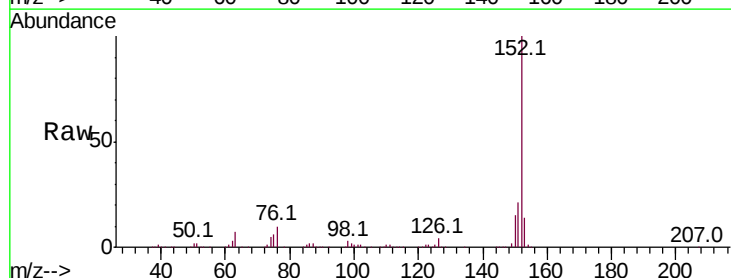
Tgt Ion: 152 Resp: 879483

Ion Ratio Lower Upper

152 100

151 21.3 16.9 25.3

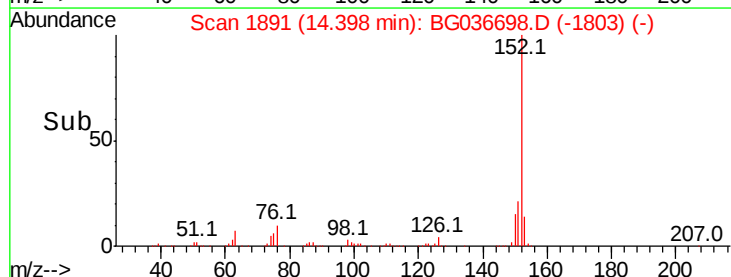
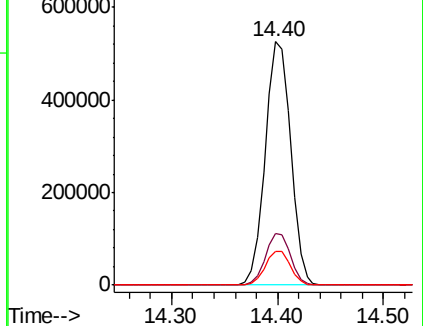
153 14.0 11.2 16.8

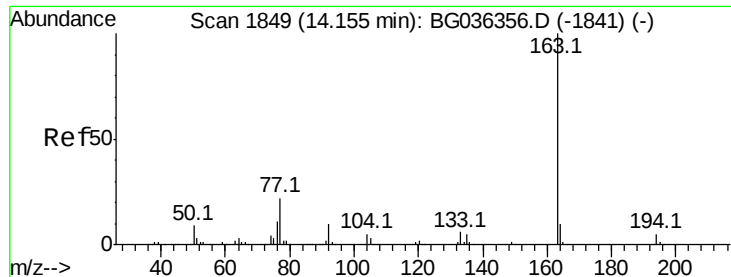


Abundance Ion 152.00 (151.70 to 152.70): BG036698.D (-1803) (-)

Ion 151.00 (150.70 to 151.70): BG036698.D (-1803) (-)

Ion 153.00 (152.70 to 153.70): BG036698.D (-1803) (-)





#49

Dimethylphthalate

Concen: 46.385 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

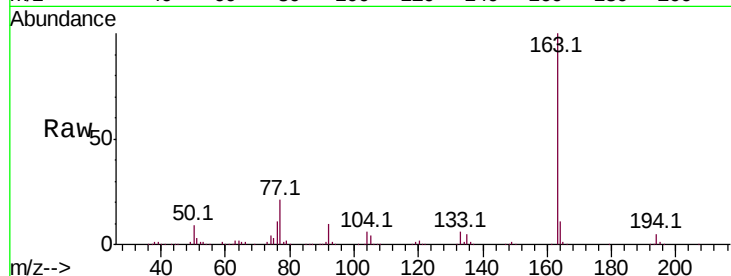
Tot Ion:163 Resp: 697013

Ion Ratio Lower Upper

163 100

194 5.0 4.0 6.0

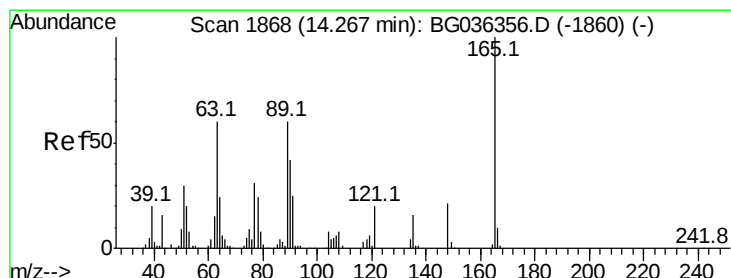
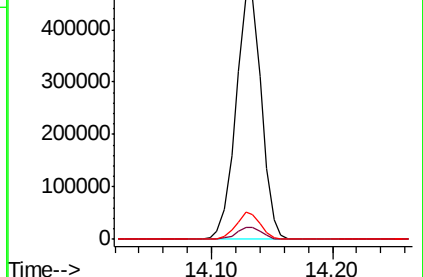
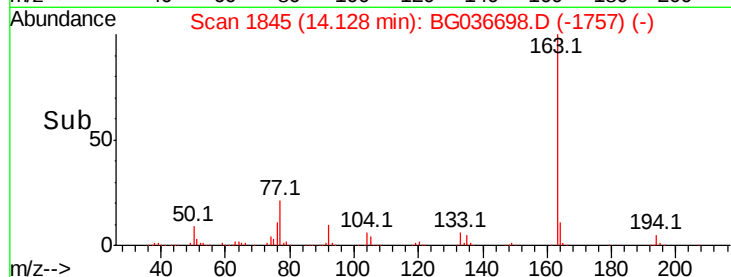
164 11.3 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 49.533 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

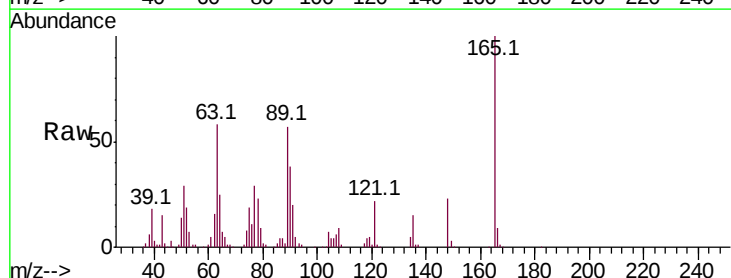
Tgt Ion:165 Resp: 153158

Ion Ratio Lower Upper

165 100

63 58.4 50.1 75.1

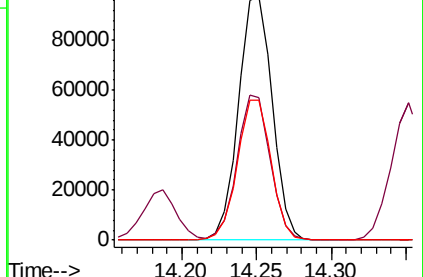
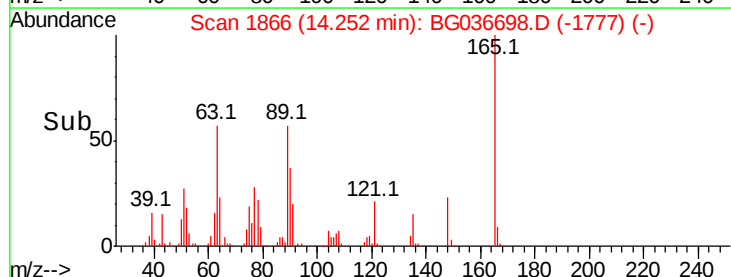
89 57.4 47.8 71.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.133 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

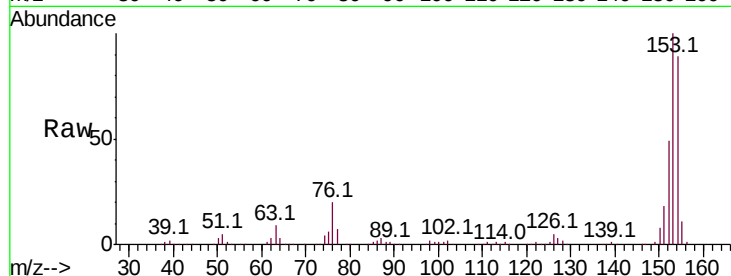
Tot Ion:154 Resp: 526798

Ion Ratio Lower Upper

154 100

153 112.9 91.8 137.6

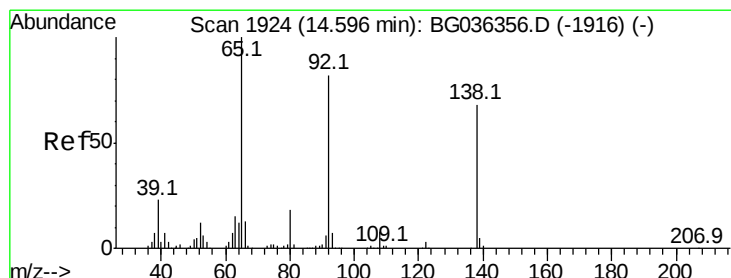
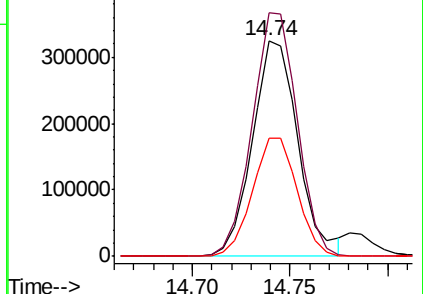
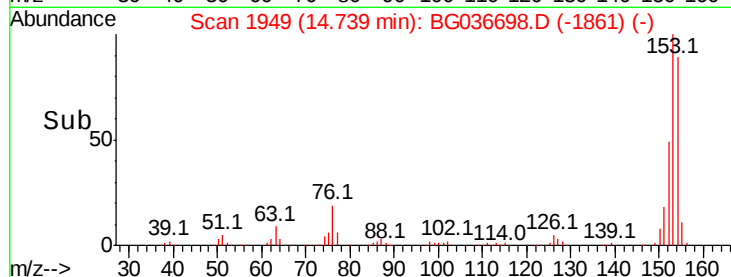
152 54.8 43.5 65.3



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



#52

3-Nitroaniline

Concen: 32.679 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

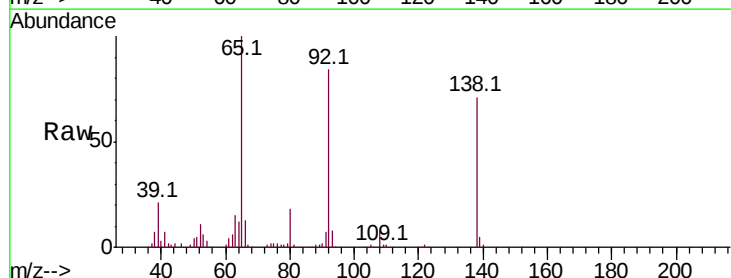
Tgt Ion:138 Resp: 108891

Ion Ratio Lower Upper

138 100

108 10.6 9.4 14.2

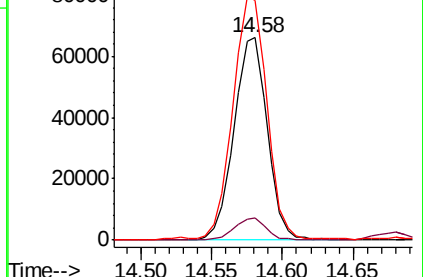
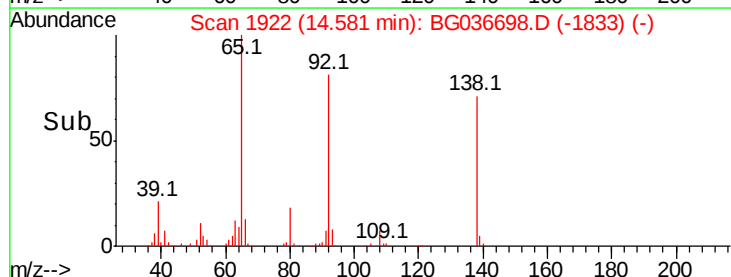
92 118.4 96.8 145.2

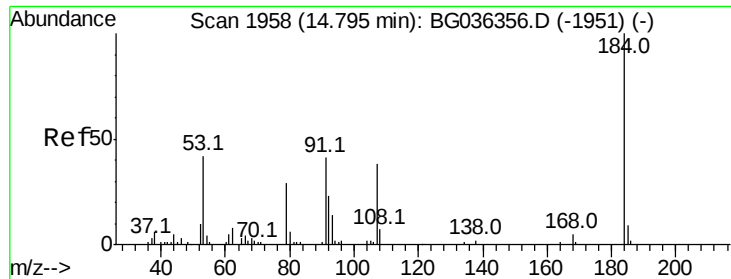


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

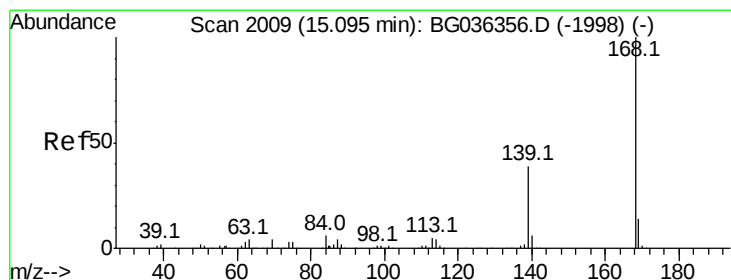
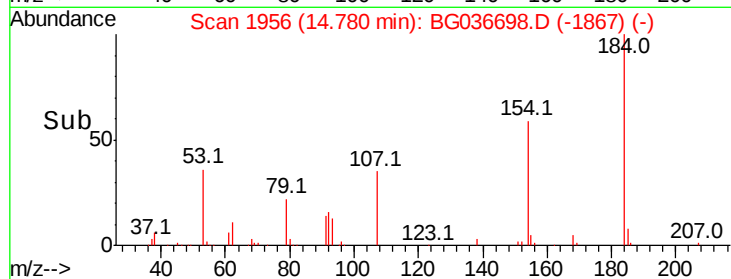
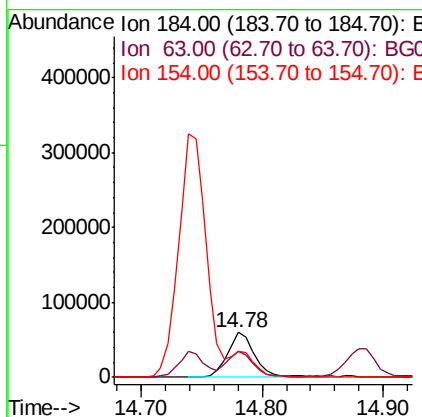
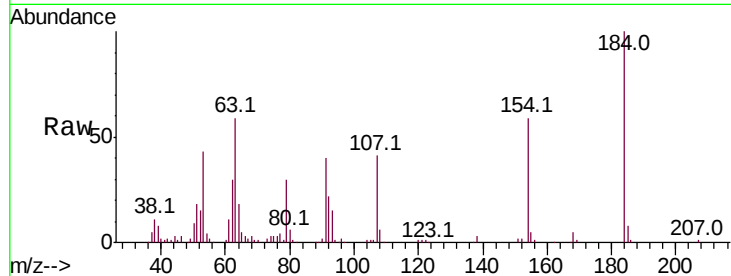




#53
 2,4-Dinitrophenol
 Concen: 81.871 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

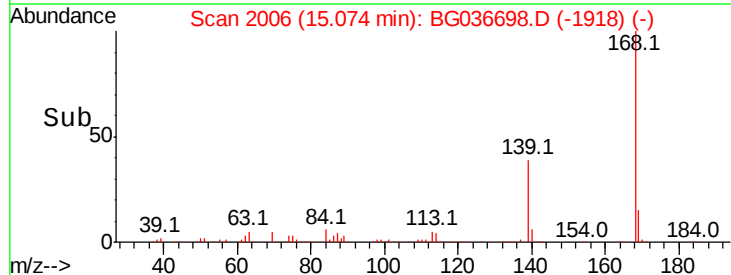
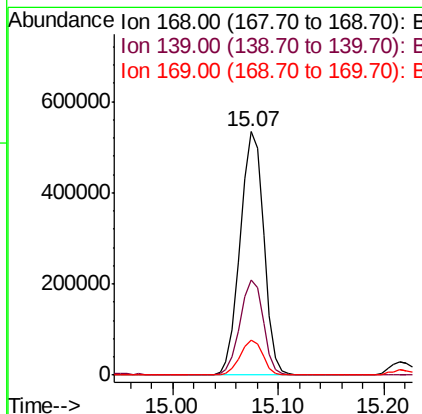
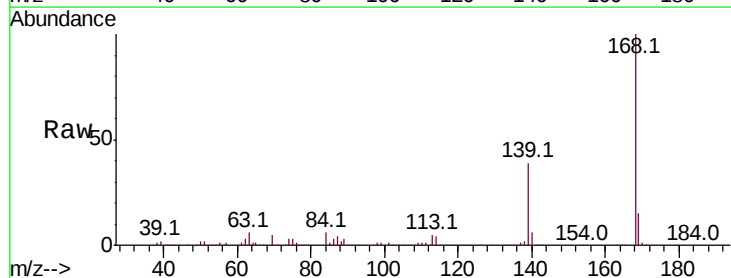
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion:184 Resp: 95887
 Ion Ratio Lower Upper
 184 100
 63 59.3 47.3 70.9
 154 59.4 51.1 76.7



#54
 Dibenzofuran
 Concen: 45.088 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:168 Resp: 824494
 Ion Ratio Lower Upper
 168 100
 139 39.3 31.0 46.6
 169 14.6 11.1 16.7

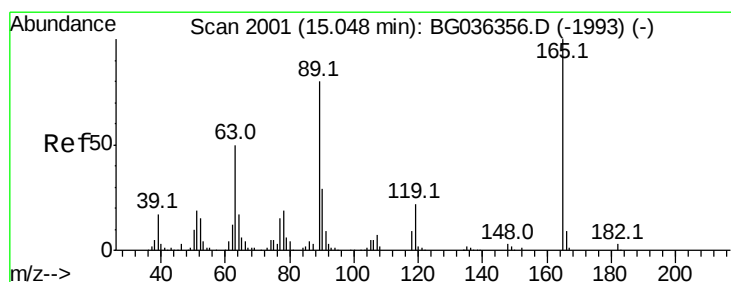
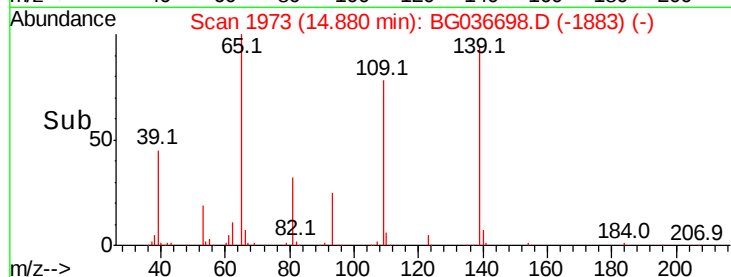
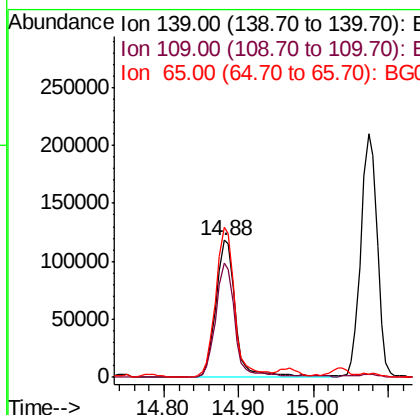
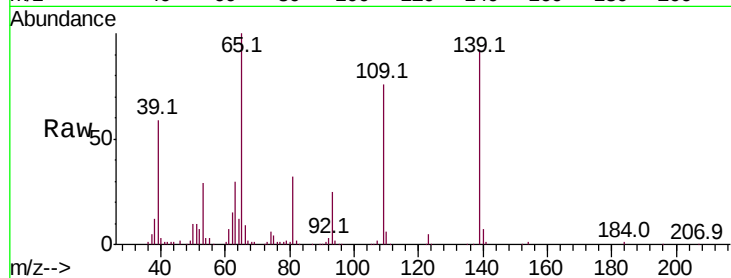




#55
4-Nitrophenol
Concen: 80.440 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

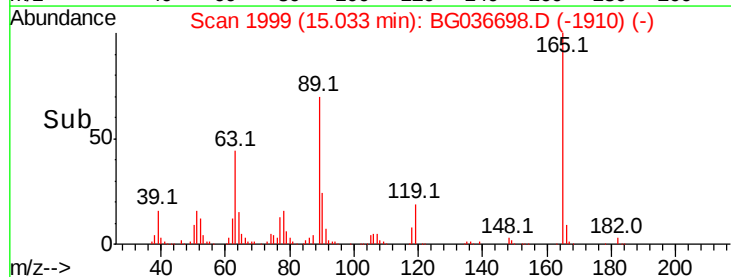
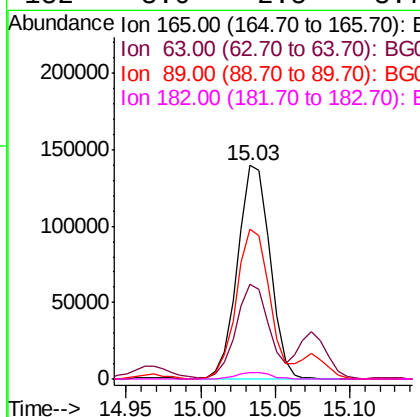
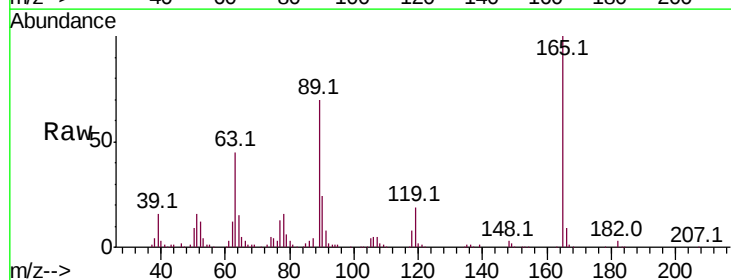
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

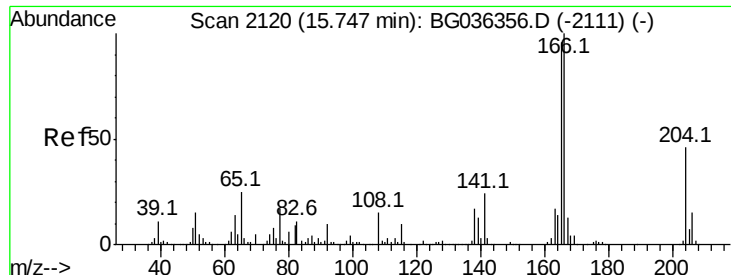
Tot Ion:139 Resp: 219153
Ion Ratio Lower Upper
139 100
109 83.2 63.9 103.9
65 109.2 90.0 130.0



#56
2,4-Dinitrotoluene
Concen: 52.606 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:165 Resp: 211995
Ion Ratio Lower Upper
165 100
63 44.6 40.1 60.1
89 69.9 63.7 95.5
182 3.0 2.5 3.7

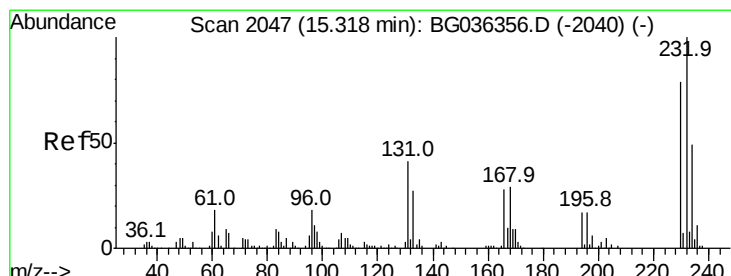
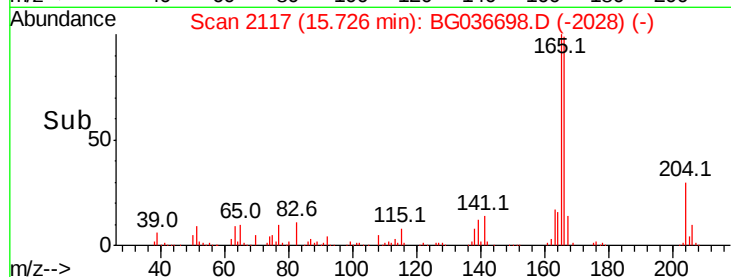
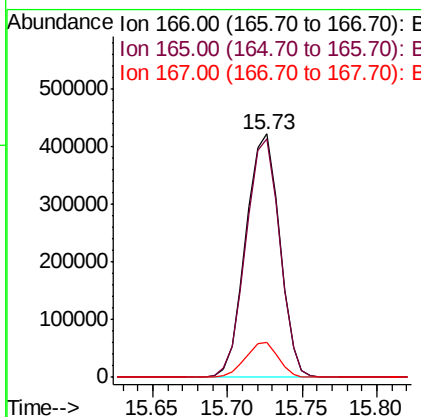
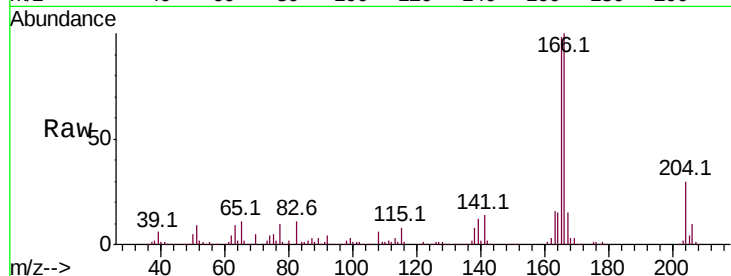




#57
Fluorene
 Concen: 48.291 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

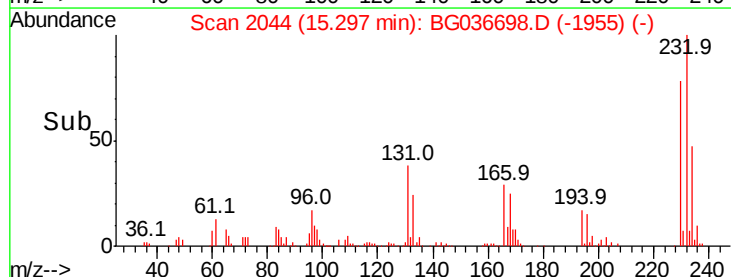
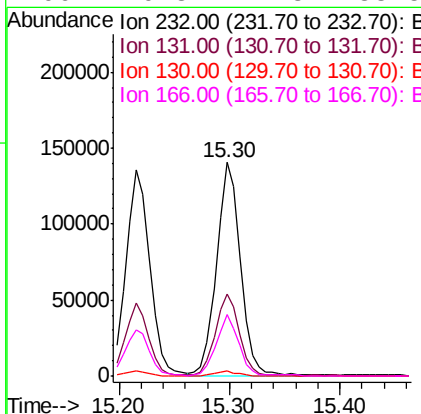
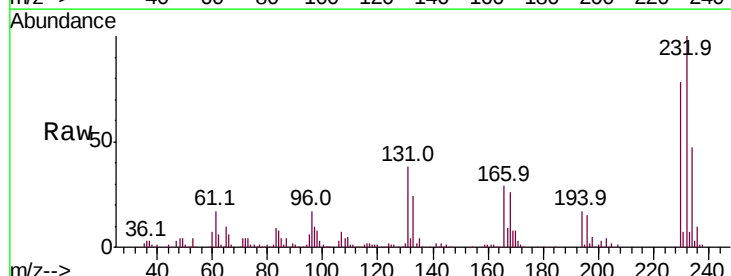
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

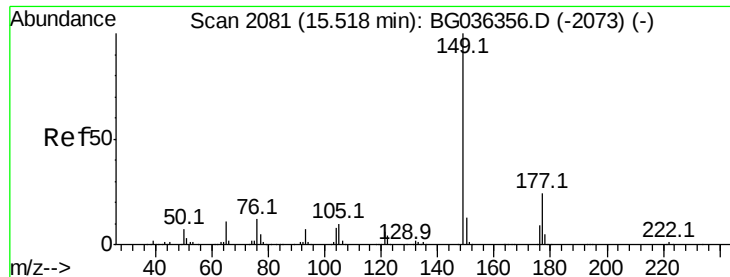
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.0	115.4
167	14.6	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 53.337 ng
 RT: 15.30 min Scan# 2044
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
232	100		
131	37.8	33.8	50.8
130	2.1	2.1	3.1
166	26.3	22.3	33.5

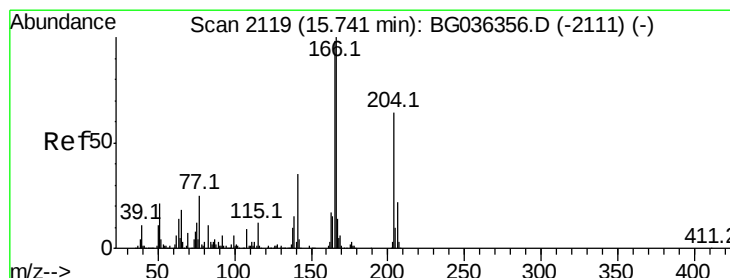
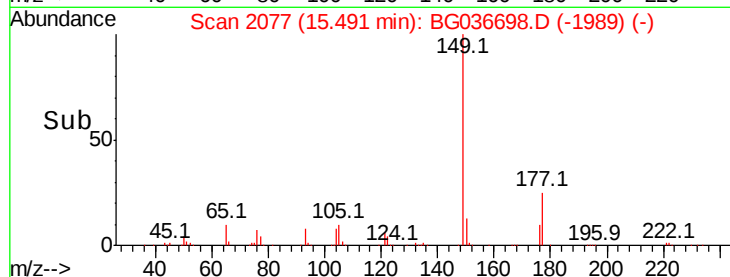
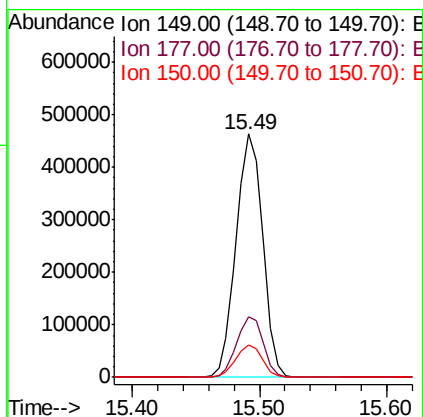
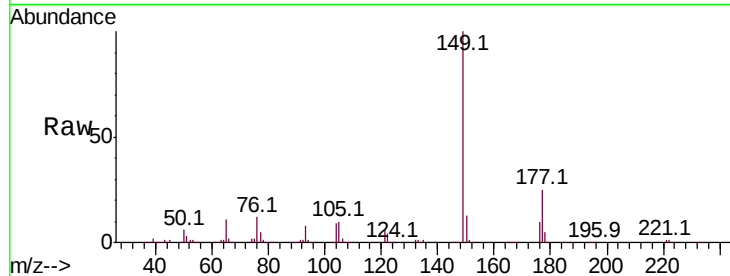




#59
Diethylphthalate
Concen: 44.368 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

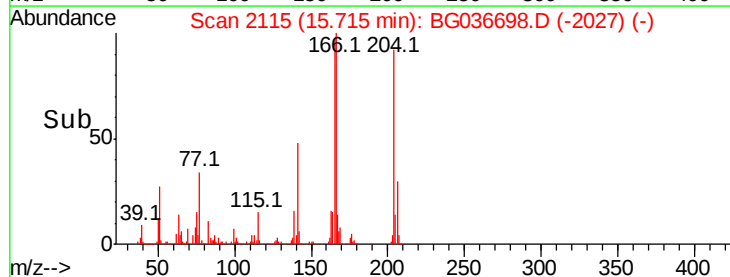
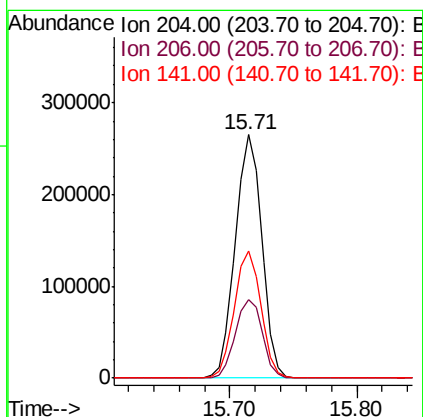
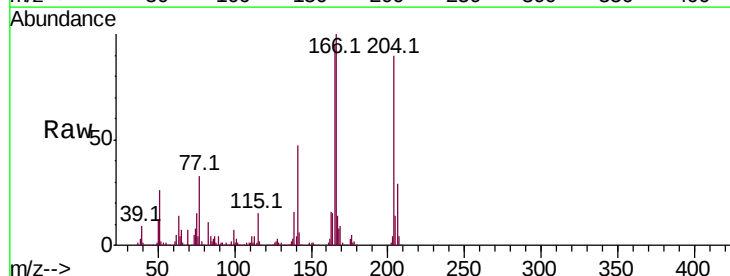
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

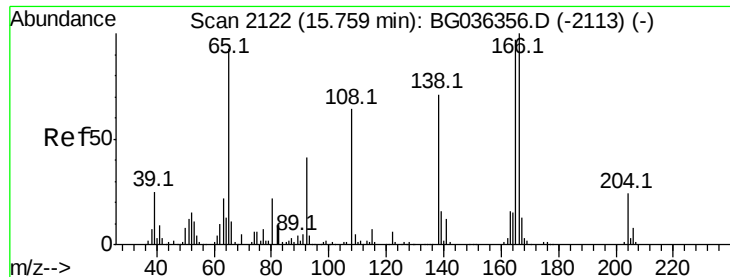
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.1	28.7
150	13.4	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 45.416 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.2	27.0	40.4
141	52.3	43.8	65.6





#61

4-Nitroaniline

Concen: 45.164 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

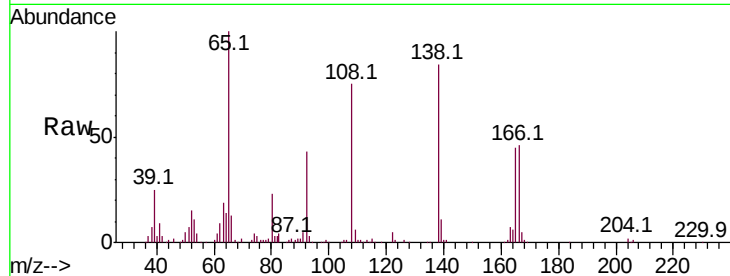
Tot Ion:138 Resp: 157480

Ion Ratio Lower Upper

138 100

92 51.5 38.5 78.5

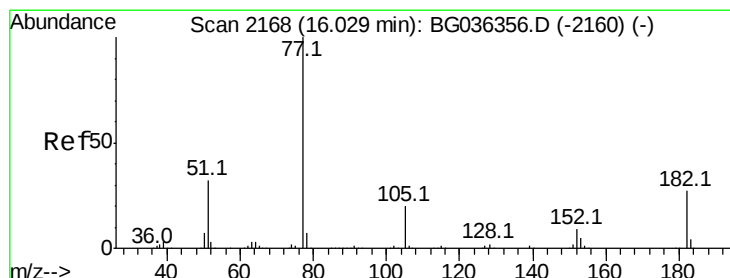
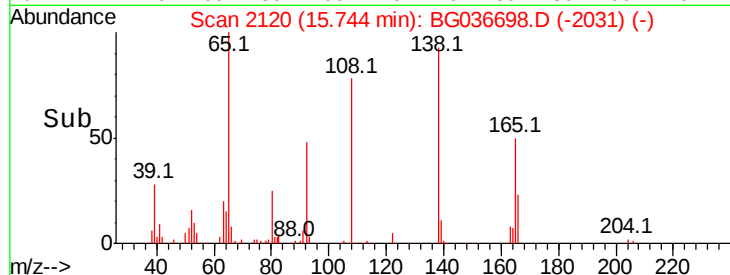
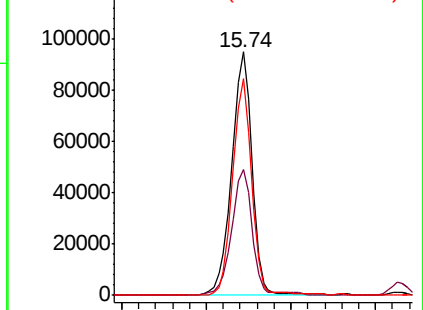
108 89.0 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.218 ng

RT: 16.01 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Tgt Ion: 77 Resp: 665914

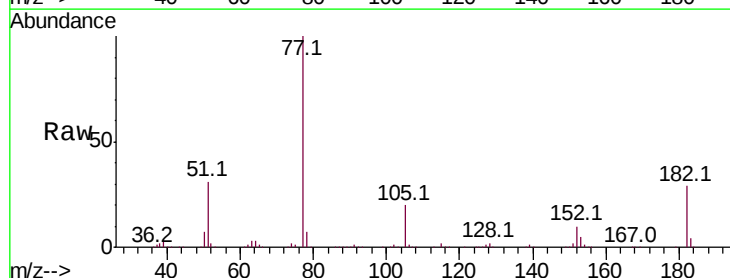
Ion Ratio Lower Upper

77 100

182 29.0 6.7 46.7

105 19.6 0.0 39.8

51 30.5 12.4 52.4

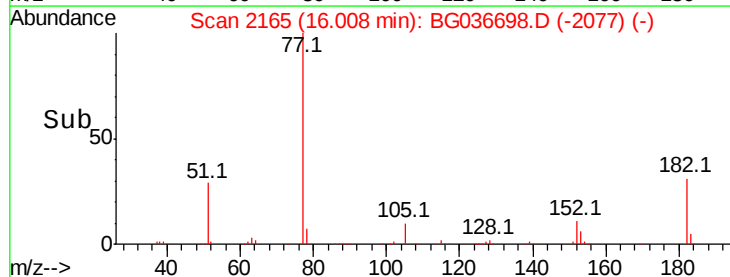
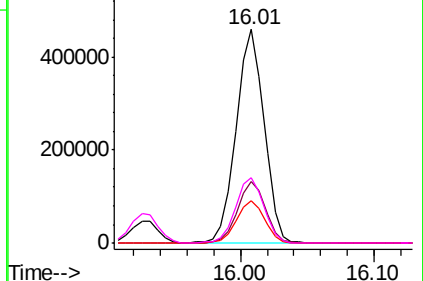


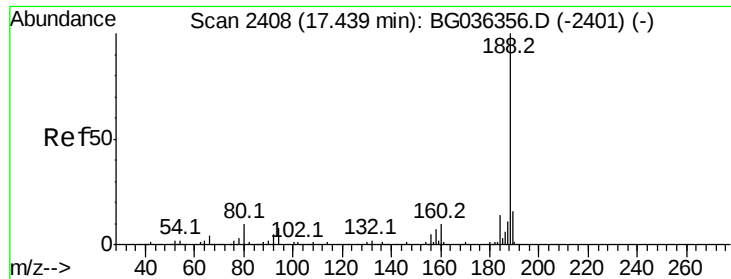
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

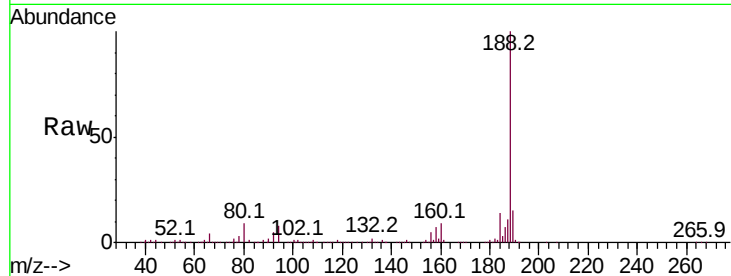
Tot Ion:188 Resp: 431183

Ion Ratio Lower Upper

188 100

94 7.6 6.7 10.1

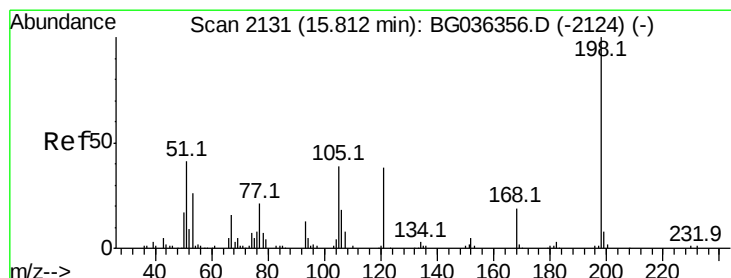
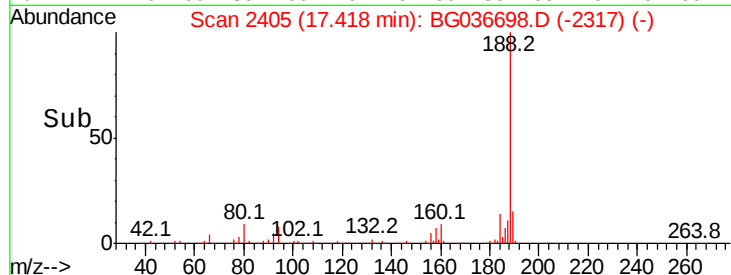
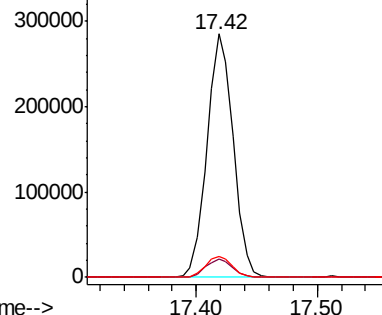
80 8.7 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 52.085 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

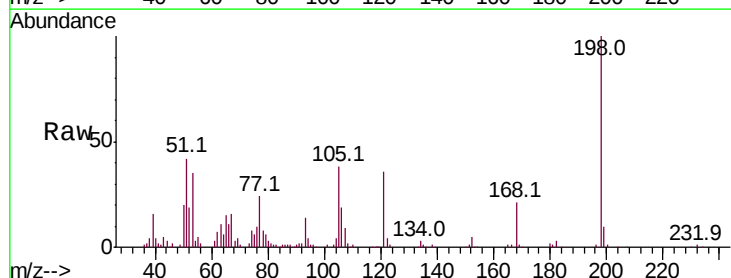
Tgt Ion:198 Resp: 98655

Ion Ratio Lower Upper

198 100

51 42.1 26.5 66.5

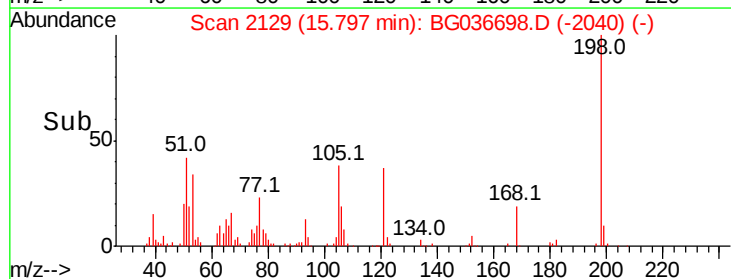
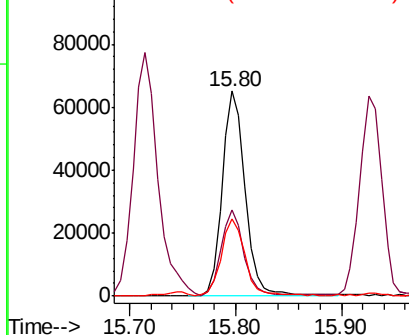
105 37.8 20.2 60.2

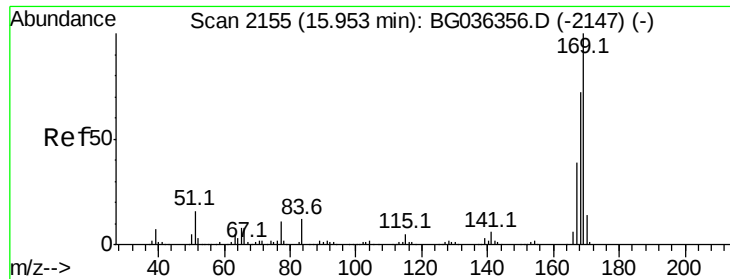


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

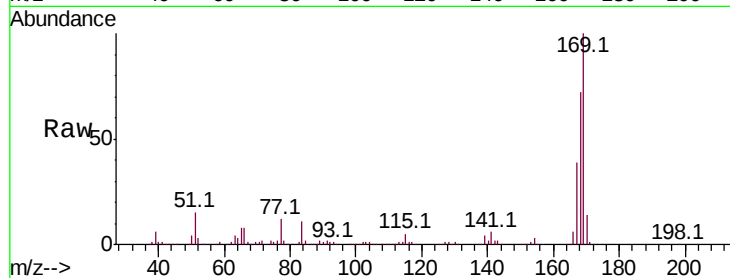




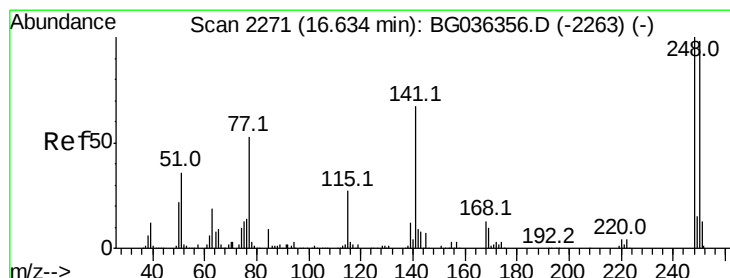
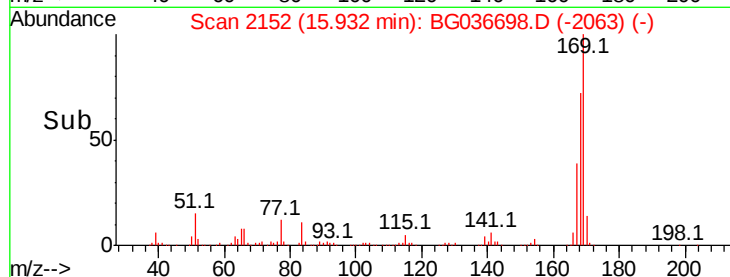
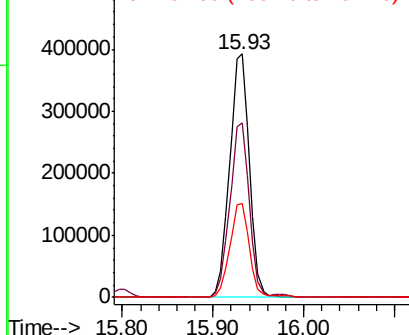
#65
n-Nitrosodiphenylamine
Concen: 46.496 ng
RT: 15.93 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion:169 Resp: 595700
Ion Ratio Lower Upper
169 100
168 71.9 57.6 86.4
167 38.6 31.0 46.4

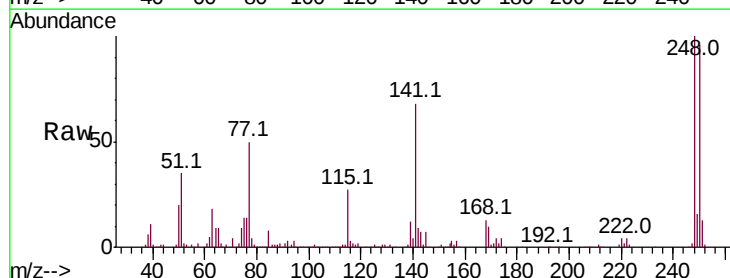


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

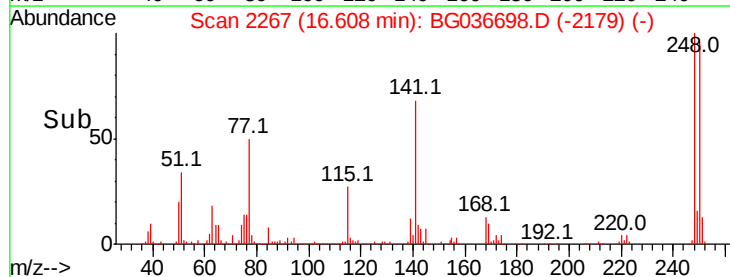
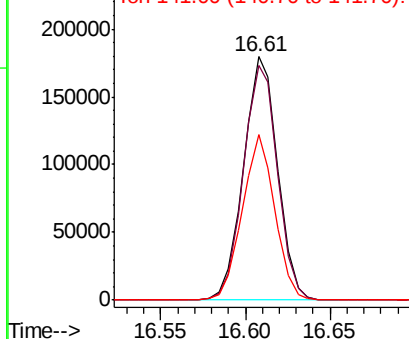


#66
4-Bromophenyl-phenylether
Concen: 49.862 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:248 Resp: 251716
Ion Ratio Lower Upper
248 100
250 96.4 78.1 117.1
141 68.0 53.7 80.5



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

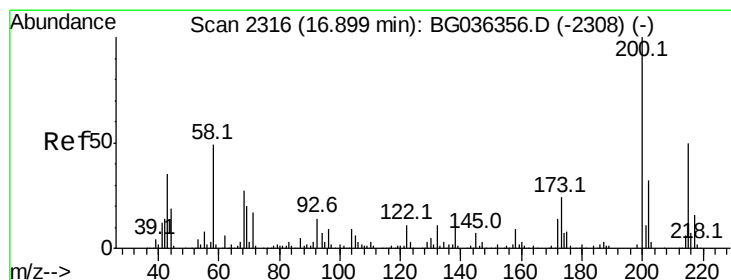
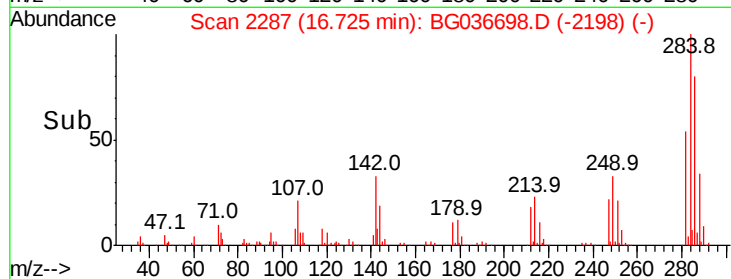
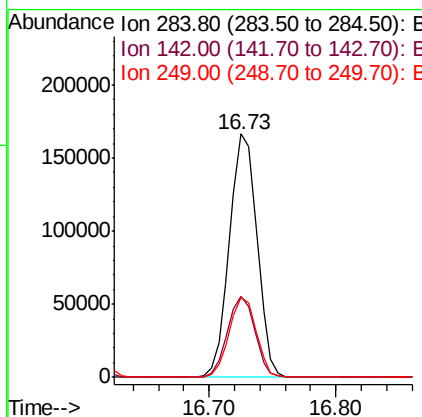
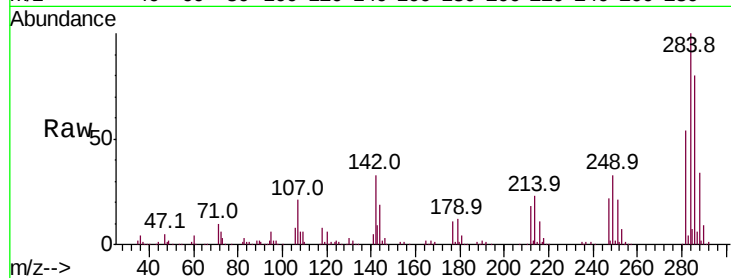




#67
Hexachlorobenzene
Concen: 48.484 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

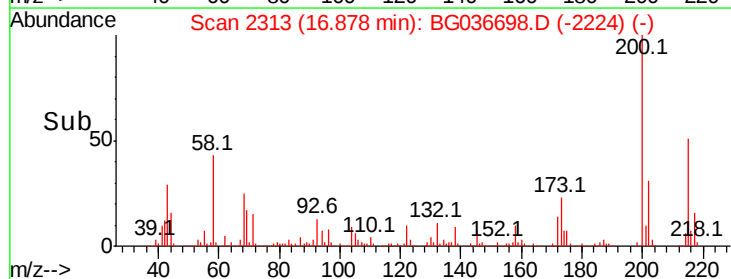
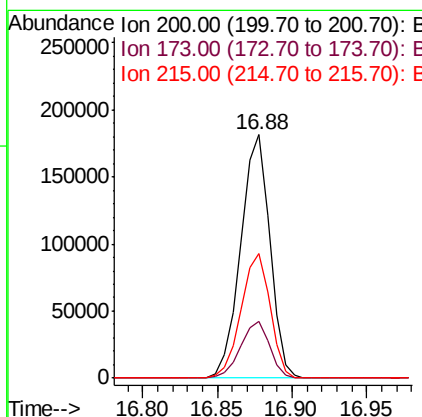
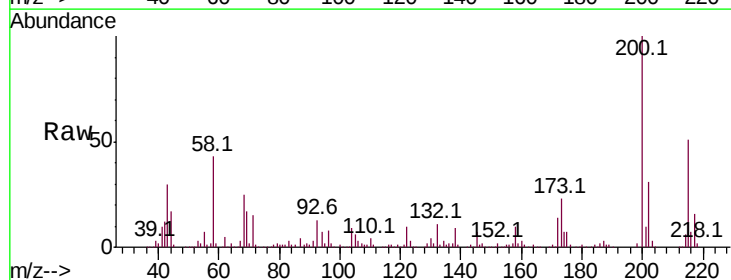
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.2	27.8	41.6
249	32.8	27.4	41.2



#68
Atrazine
Concen: 51.113 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	3.9	43.9
215	51.2	30.4	70.4

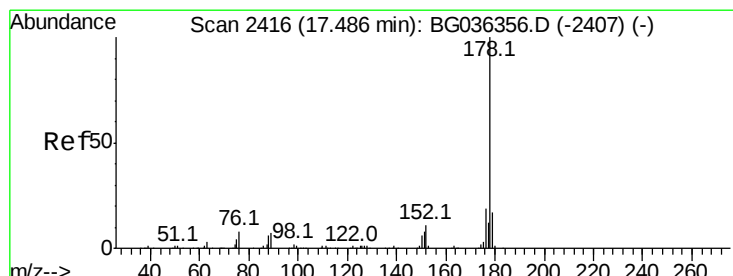
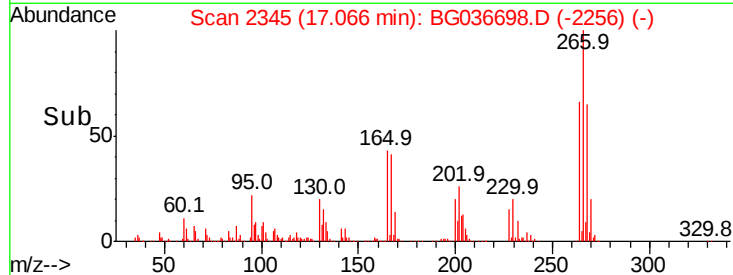
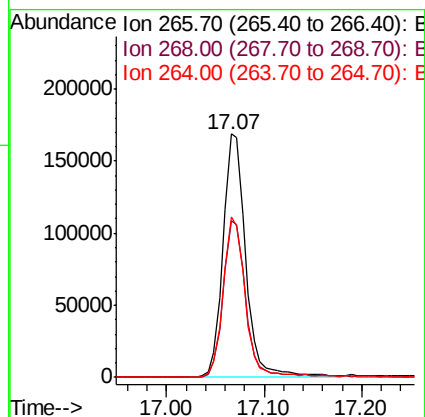
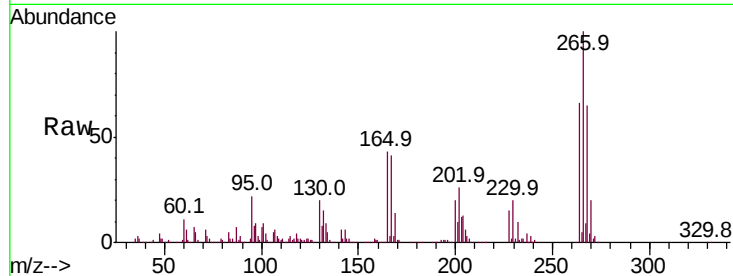




#69
 Pentachlorophenol
 Concen: 78.186 ng
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

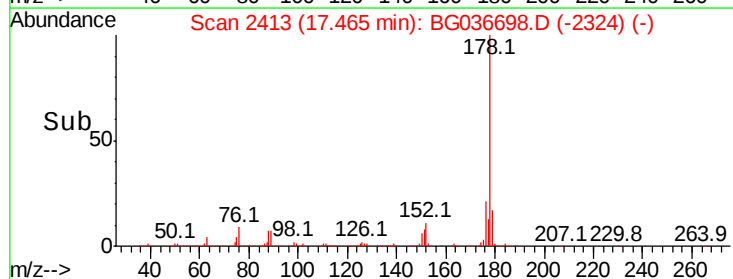
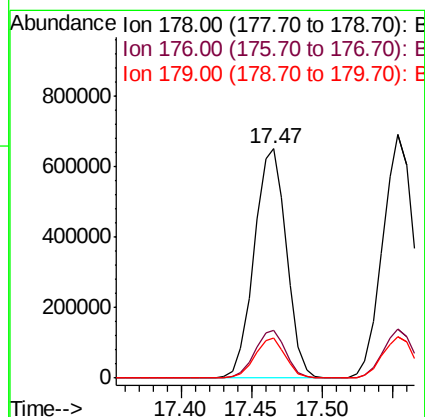
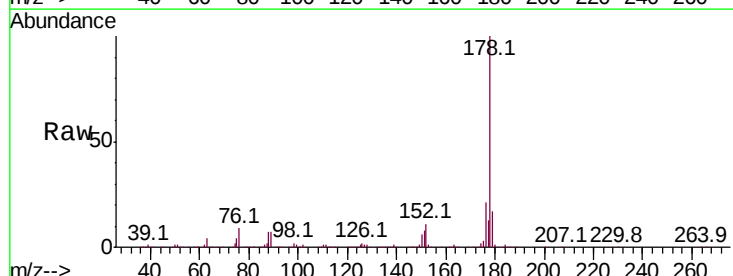
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

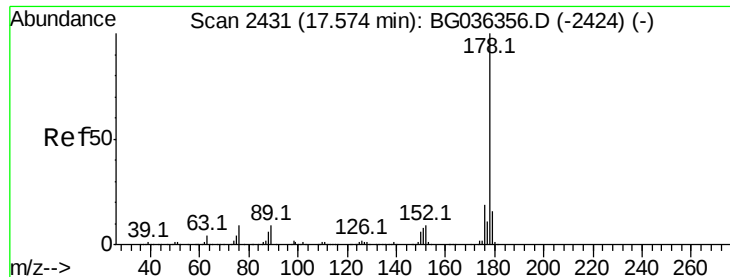
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.5	51.4	77.2
264	66.1	48.9	73.3



#70
 Phenanthrene
 Concen: 47.621 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.4	23.2
179	17.2	13.4	20.2



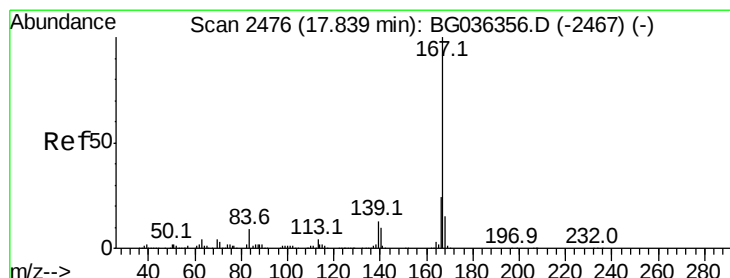
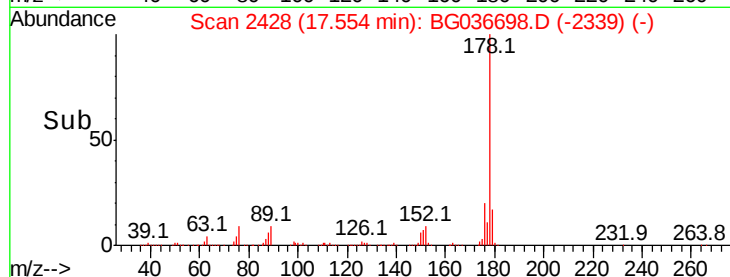
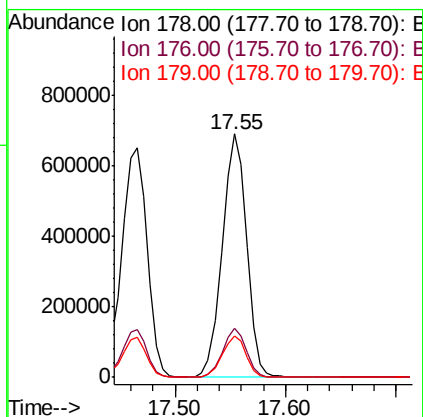
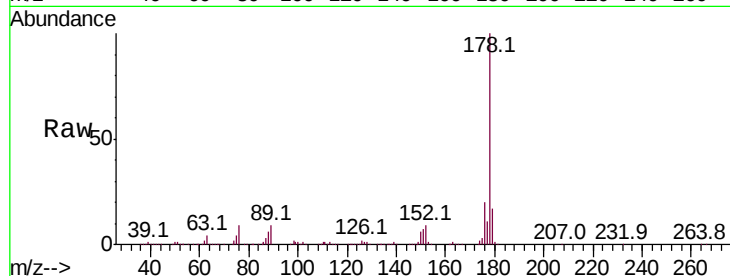


#71
 Anthracene
 Concen: 48.640 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion:178 Resp: 1062302

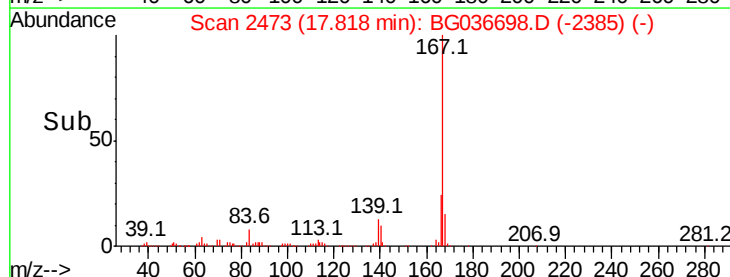
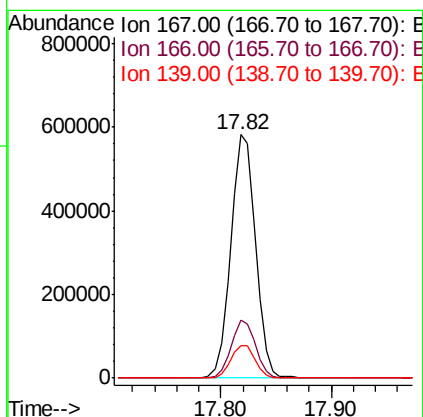
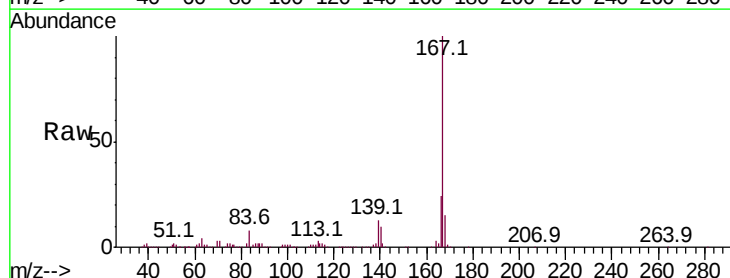
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.9	13.0	19.4

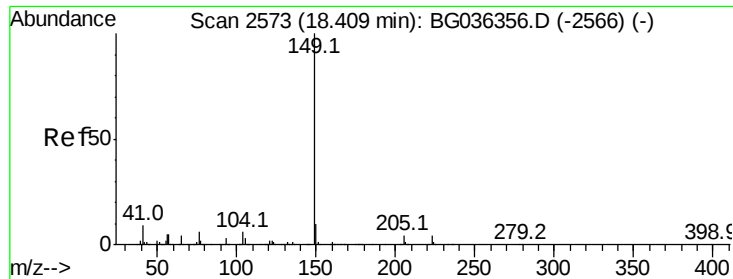


#72
 Carbazole
 Concen: 42.080 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:167 Resp: 917822

Ion	Ratio	Lower	Upper
167	100		
166	23.9	19.5	29.3
139	13.5	10.7	16.1

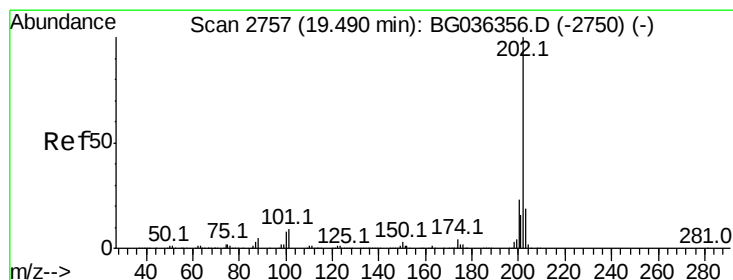
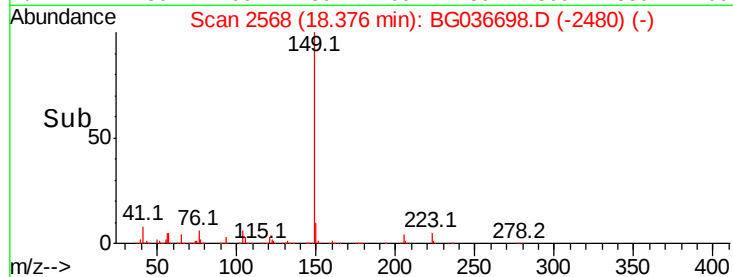
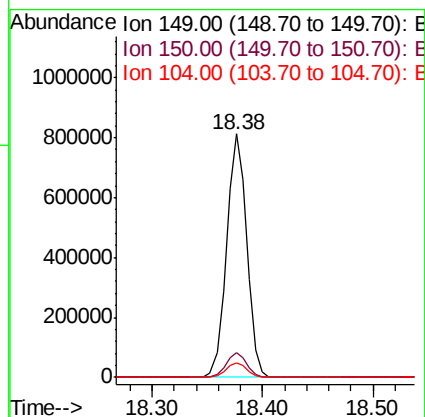
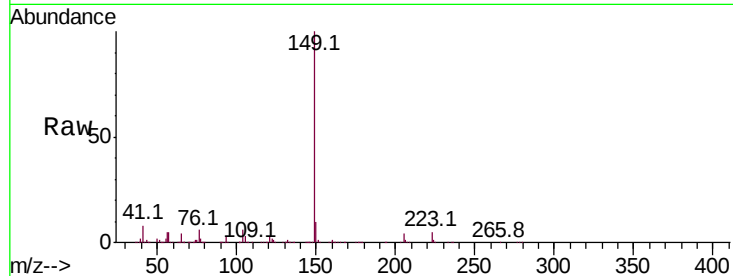




#73
Di-n-butylphthalate
Concen: 42.551 ng
RT: 18.38 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

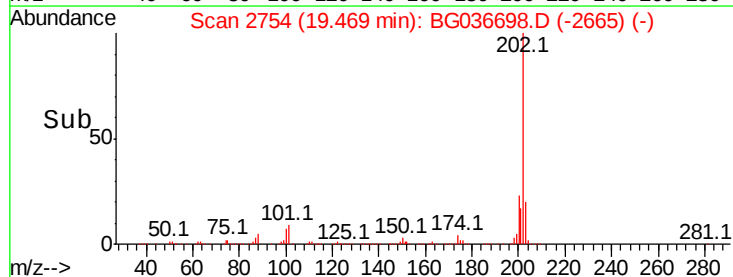
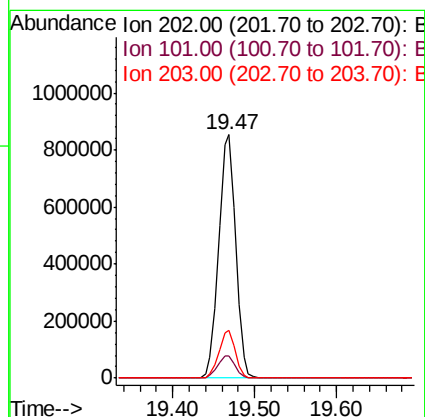
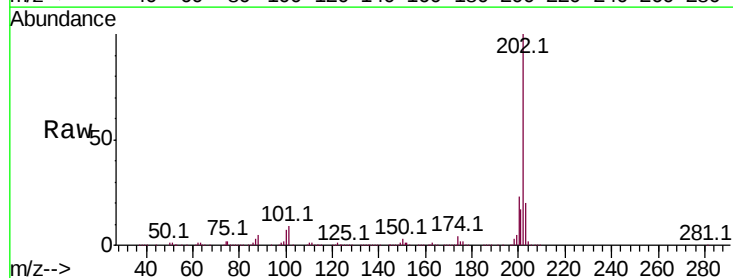
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

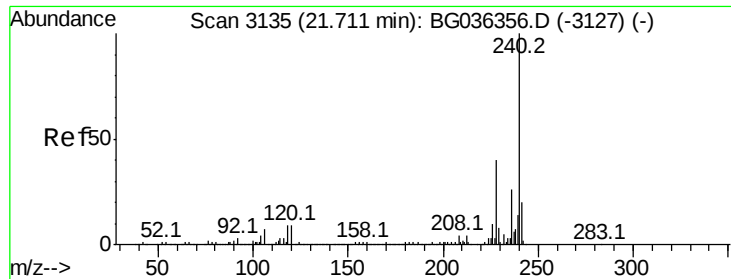
Tot Ion:149 Resp: 1033496
Ion Ratio Lower Upper
149 100
150 10.3 8.1 12.1
104 5.9 4.6 6.8



#74
Fluoranthene
Concen: 46.332 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:202 Resp: 1237654
Ion Ratio Lower Upper
202 100
101 9.1 0.0 29.4
203 19.8 0.0 38.9

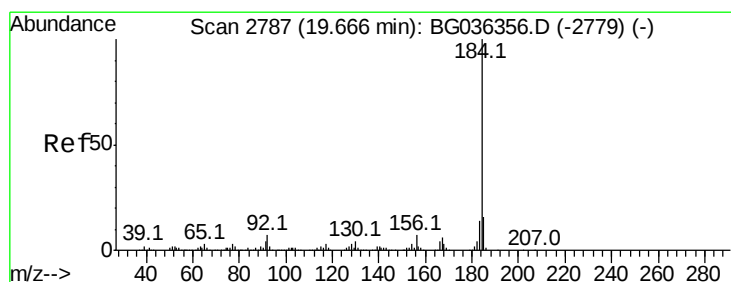
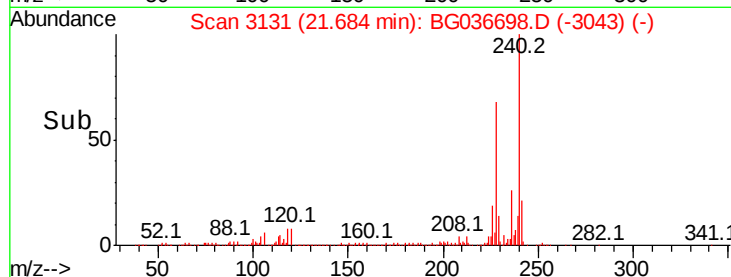
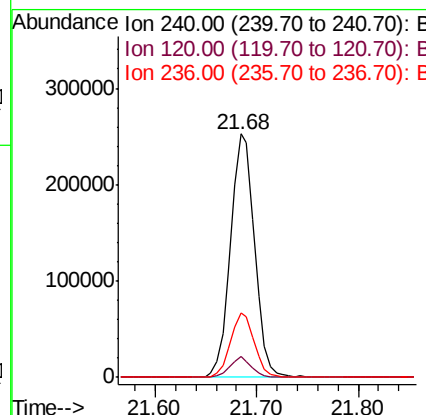
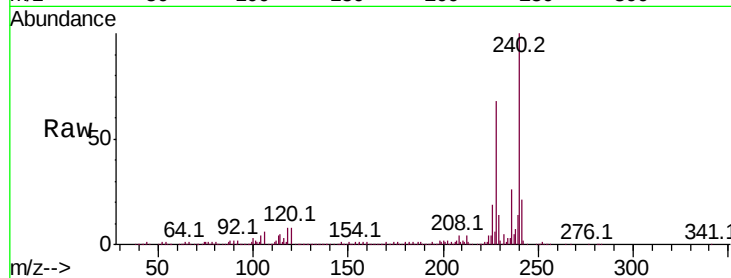




#75
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

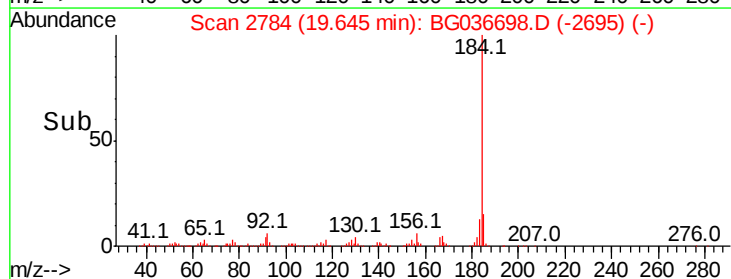
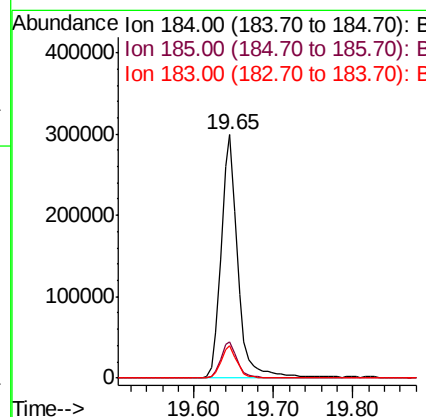
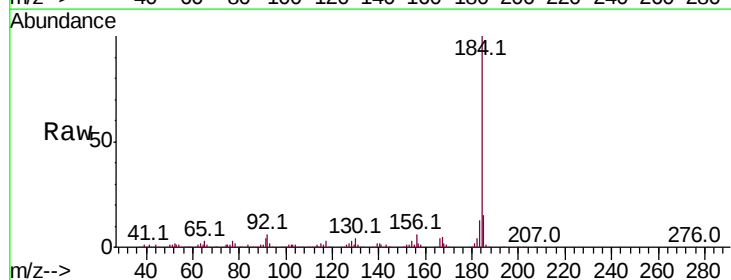
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

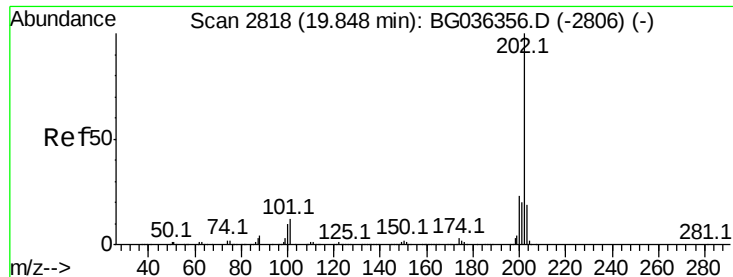
Tot Ion:240 Resp: 414963
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 26.4 21.2 31.8



#76
 Benzidine
 Concen: 33.061 ng
 RT: 19.65 min Scan# 2784
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:184 Resp: 437694
 Ion Ratio Lower Upper
 184 100
 185 15.0 12.6 18.8
 183 13.1 10.9 16.3

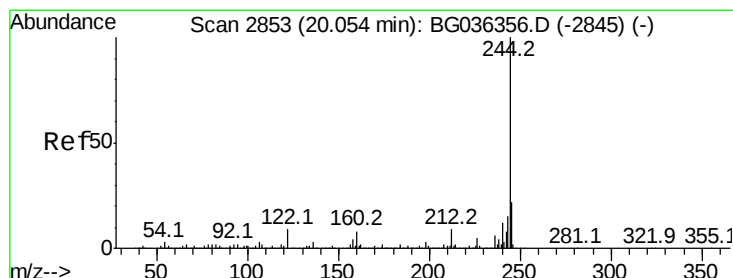
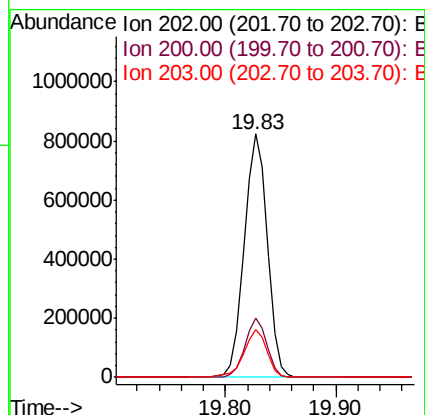
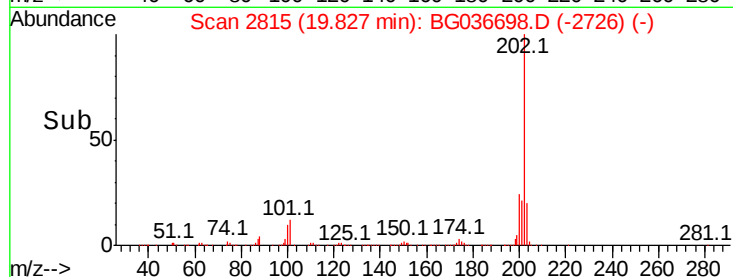
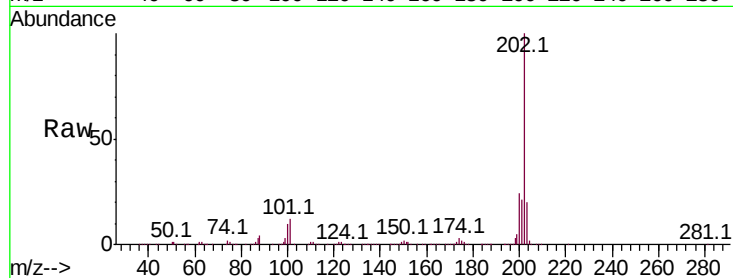




#77
Pvrene
Concen: 47.485 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

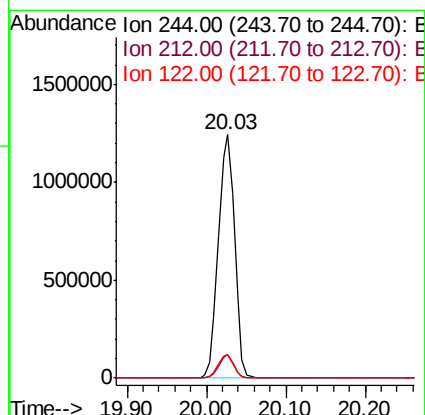
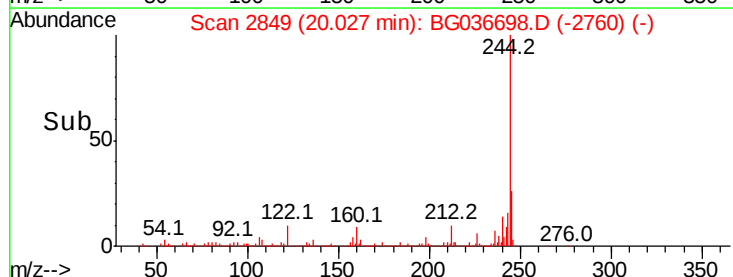
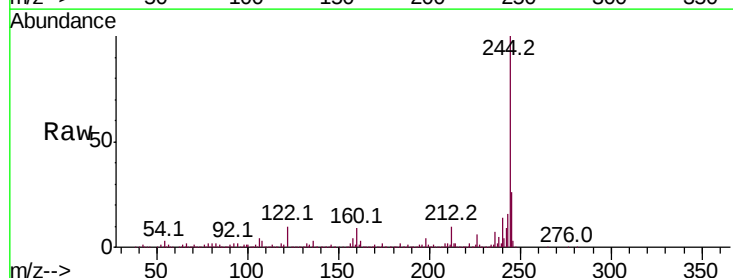
Instrument :
BNA_G
ClientSampleId :
PB112803BSD

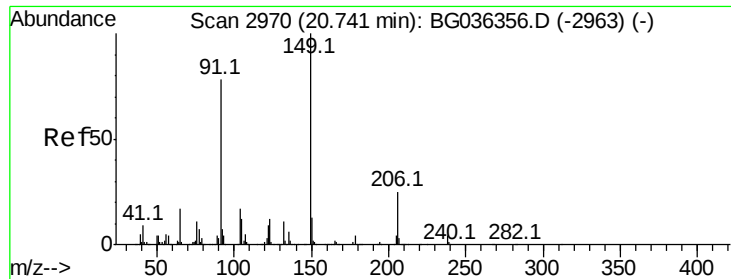
Tot Ion:202 Resp: 1211708
Ion Ratio Lower Upper
202 100
200 24.3 18.3 27.5
203 19.6 15.1 22.7



#78
Terphenyl-d14
Concen: 99.471 ng
RT: 20.03 min Scan# 2849
Delta R.T. -0.00 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Tgt Ion:244 Resp: 1765967
Ion Ratio Lower Upper
244 100
212 9.6 7.0 10.6
122 9.8 7.1 10.7

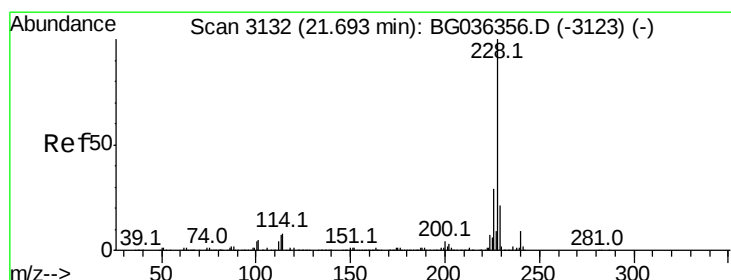
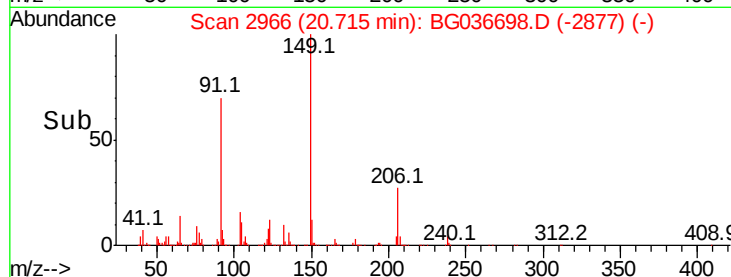
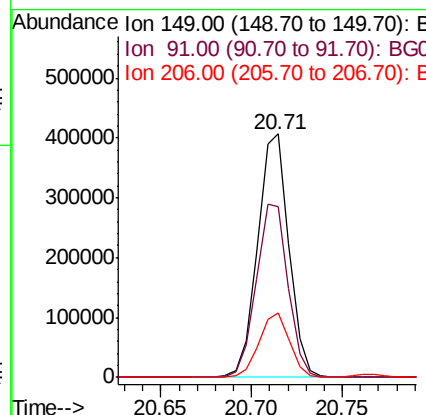
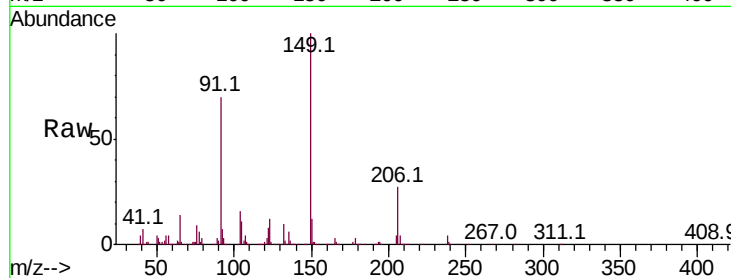




#79
 Butylbenzylphthalate
 Concen: 47.871 ng
 RT: 20.71 min Scan# 2966
 Delta R.T. -0.00 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

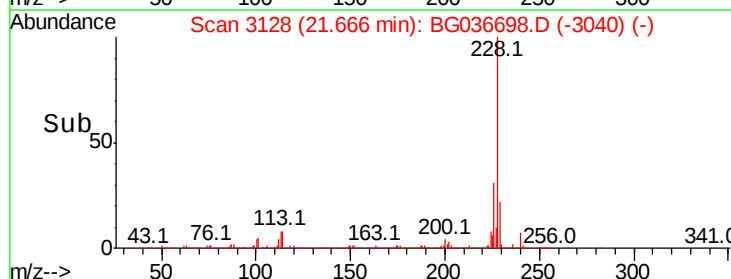
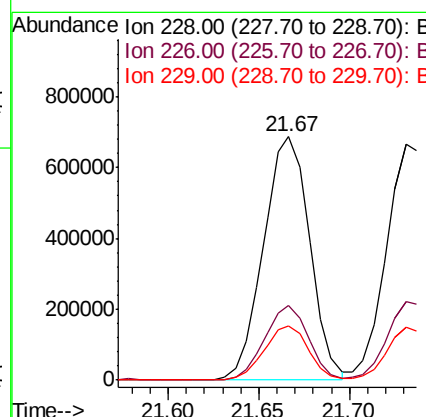
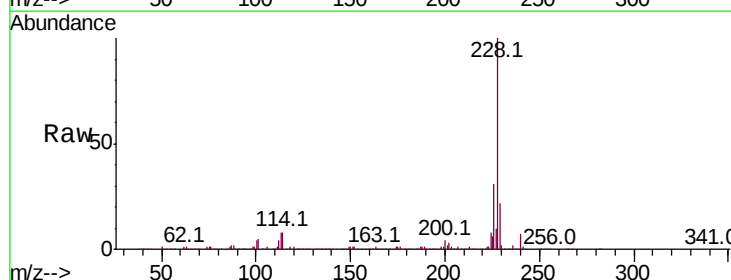
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

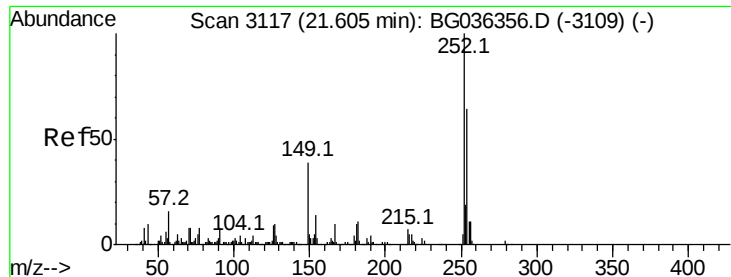
Tot Ion:149 Resp: 486144
 Ion Ratio Lower Upper
 149 100
 91 70.0 62.0 93.0
 206 26.7 19.6 29.4



#80
 Benzo(a)anthracene
 Concen: 48.358 ng
 RT: 21.67 min Scan# 3128
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:228 Resp: 1215690
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.4 35.2
 229 22.2 17.1 25.7

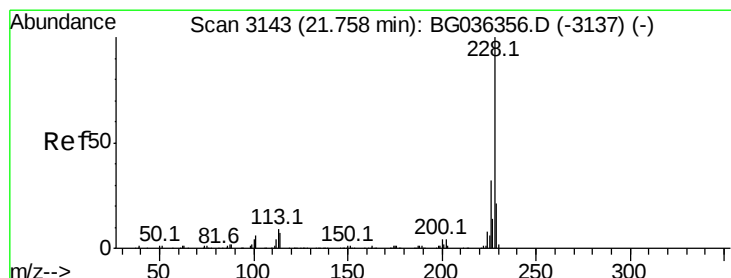
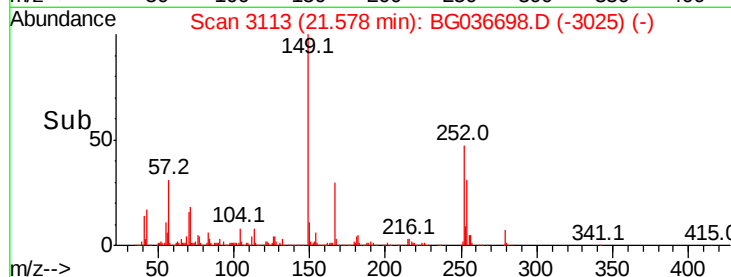
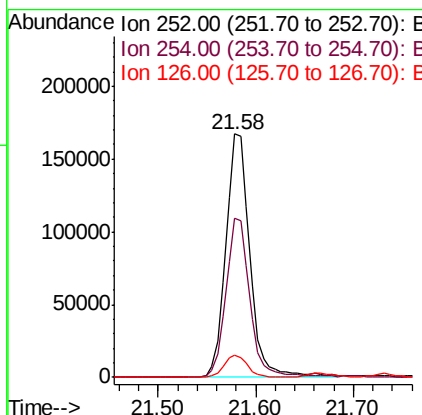
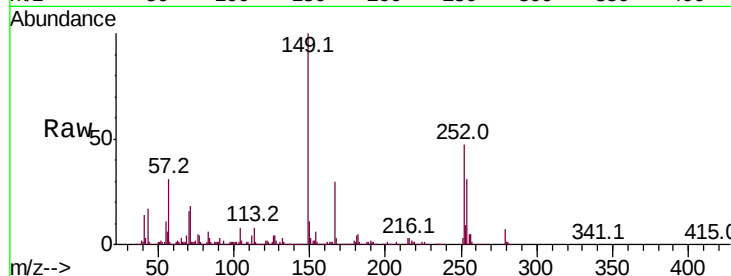




#81
 3,3'-Dichlorobenzidine
 Concen: 28.643 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

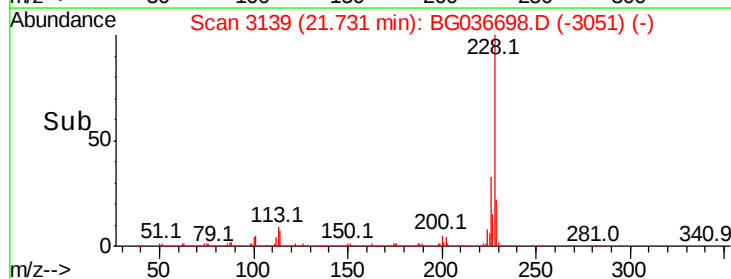
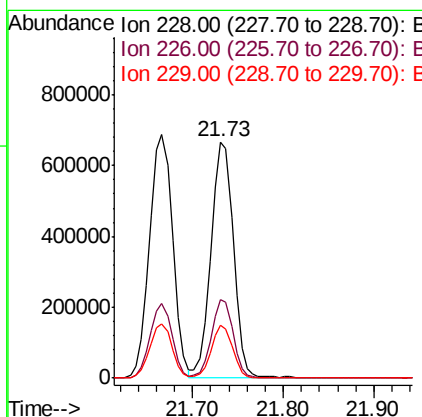
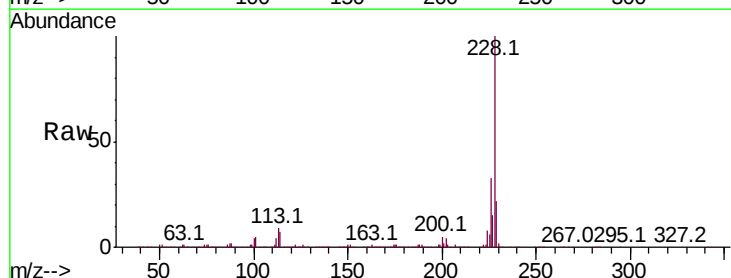
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

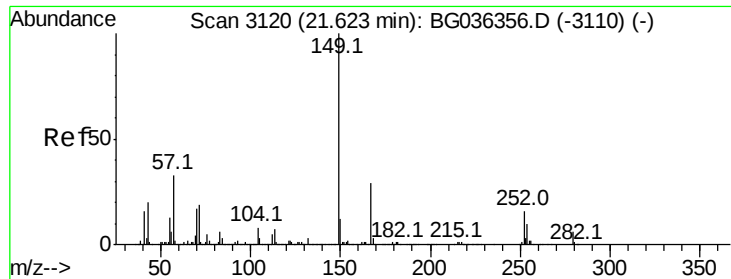
Tot Ion:252 Resp: 286972
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.0 76.4
 126 8.9 7.4 11.0



#82
 Chrysene
 Concen: 48.025 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:228 Resp: 1144366
 Ion Ratio Lower Upper
 228 100
 226 33.3 25.5 38.3
 229 22.1 16.9 25.3

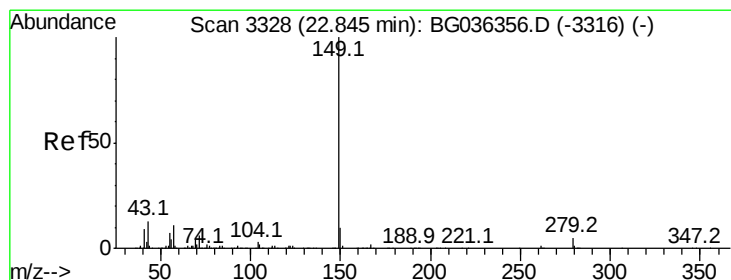
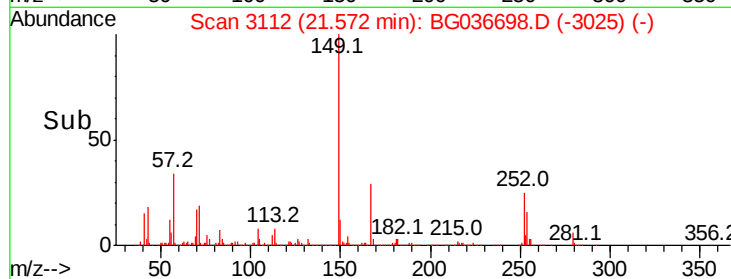
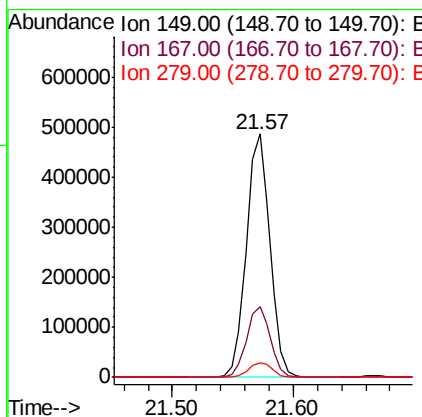
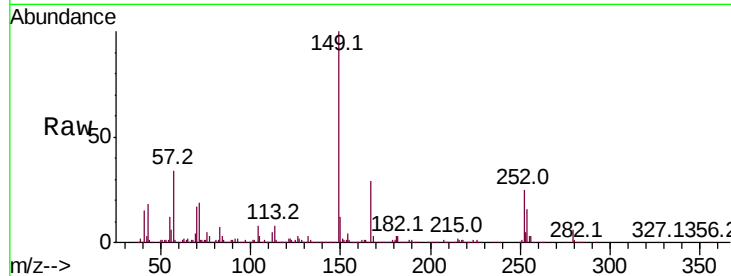




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.628 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.02 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

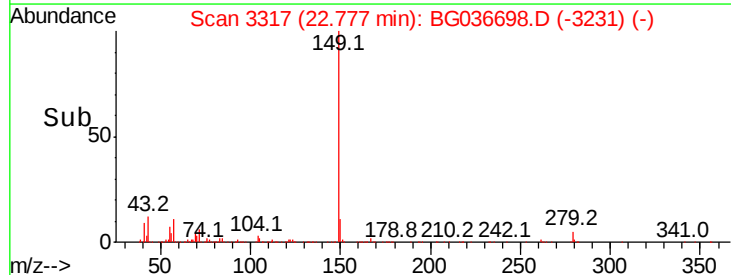
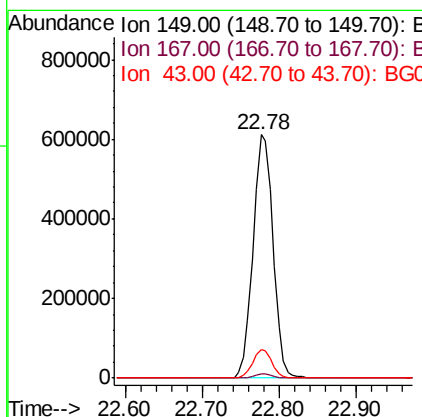
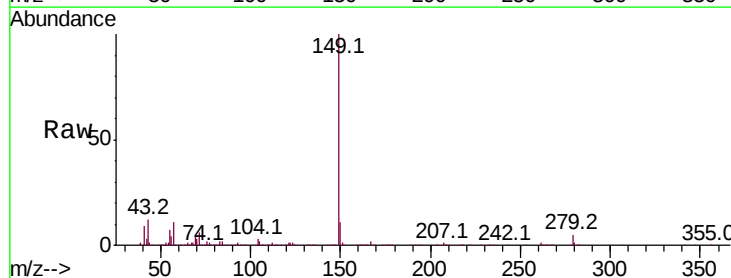
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

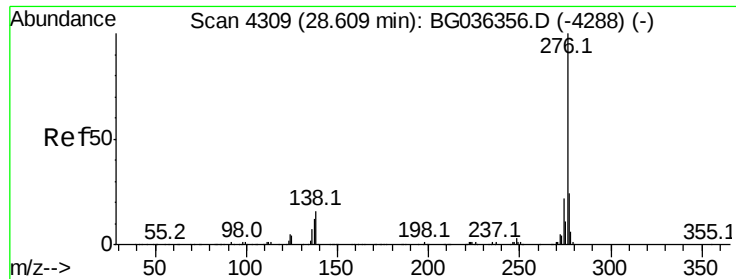
Tot Ion:149 Resp: 662634
 Ion Ratio Lower Upper
 149 100
 167 29.3 23.4 35.0
 279 6.1 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 46.810 ng
 RT: 22.78 min Scan# 3317
 Delta R.T. -0.02 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:149 Resp: 1111114
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.3 1.9
 43 11.3 10.0 15.0

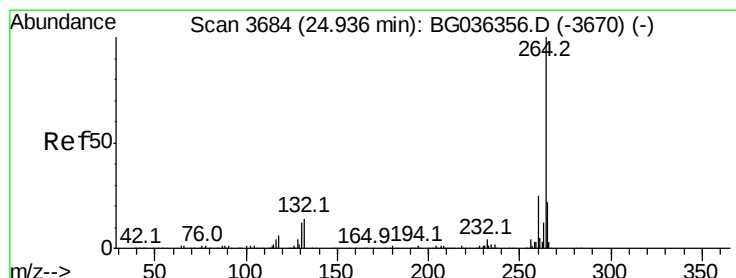
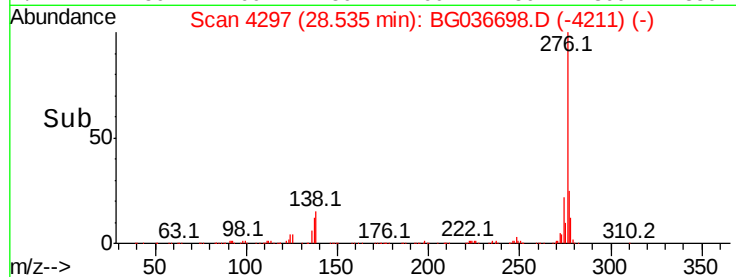
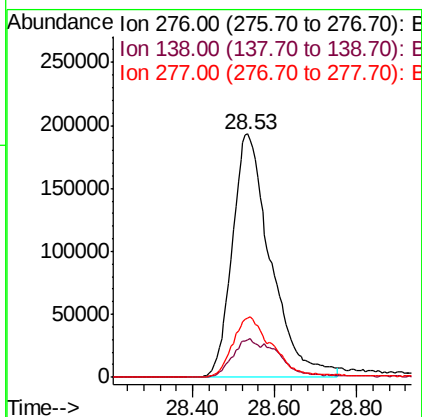
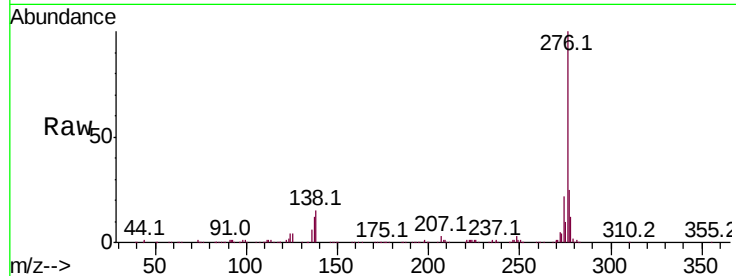




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.347 ng
 RT: 28.53 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

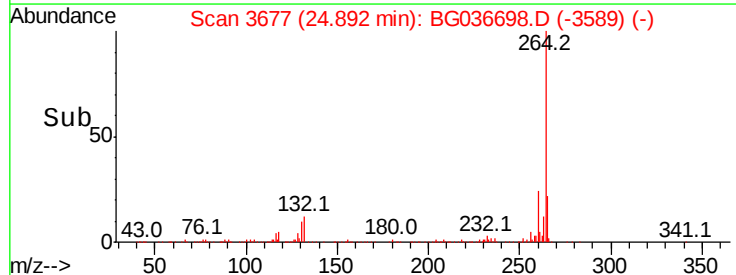
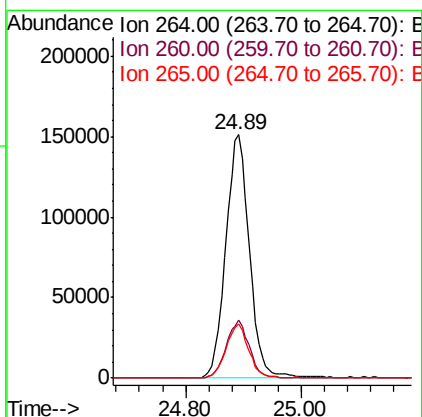
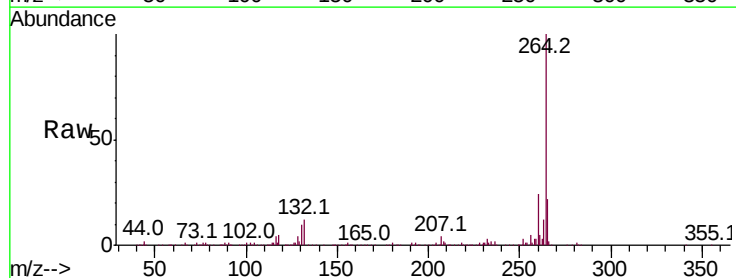
Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

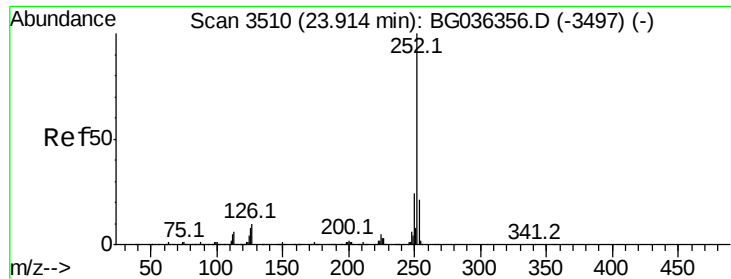
Tot Ion:276 Resp: 1255050
 Ion Ratio Lower Upper
 276 100
 138 10.5 10.6 15.8#
 277 25.5 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Tgt Ion:264 Resp: 428347
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 22.1 17.4 26.0

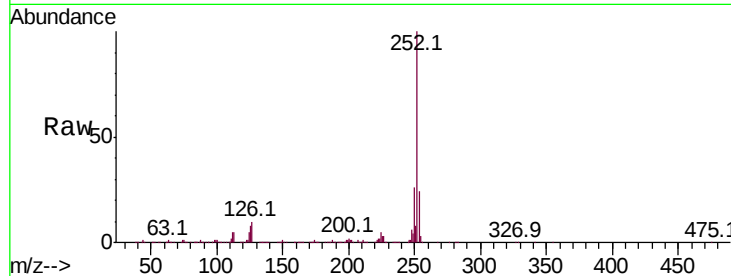




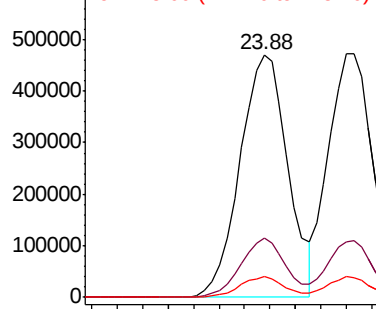
#87
Benzo(b)fluoranthene
Concen: 51.871 ng
RT: 23.88 min Scan# 3504
Delta R.T. -0.01 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

Instrument :
BNA_G
ClientSampleId :
PB112803BSD

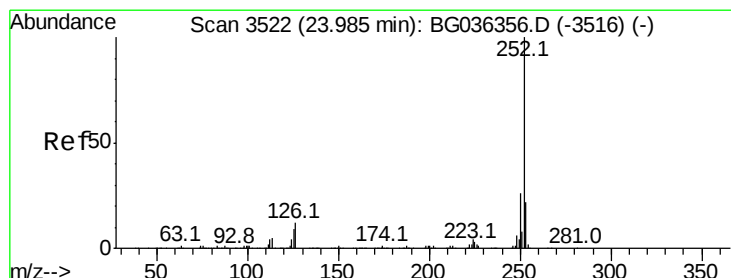
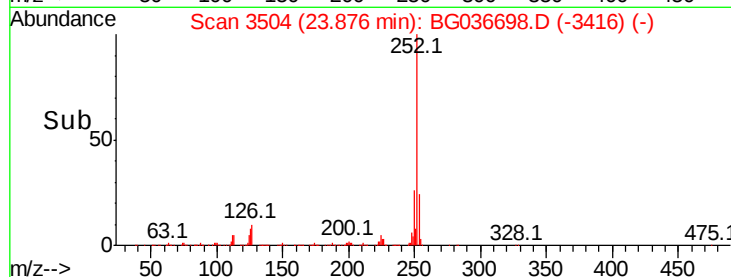
Tot Ion:252 Resp: 1233813
Ion Ratio Lower Upper
252 100
253 24.4 17.1 25.7
125 8.4 6.6 10.0



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

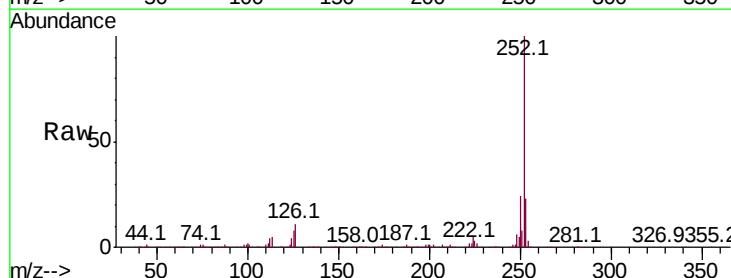


Time-->

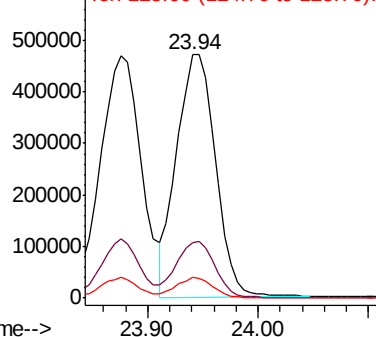


#88
Benzo(k)fluoranthene
Concen: 49.362 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036698.D
Acq: 14 Sep 2018 1:10

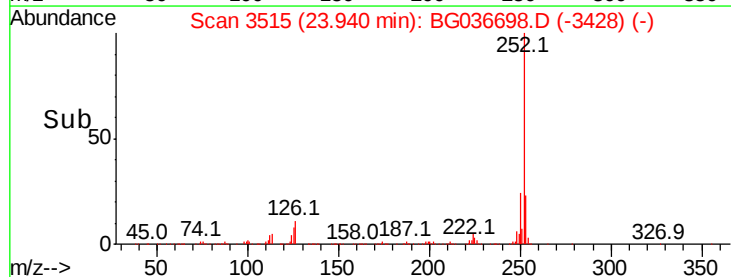
Tgt Ion:252 Resp: 1147069
Ion Ratio Lower Upper
252 100
253 22.9 18.0 27.0
125 8.5 7.0 10.6

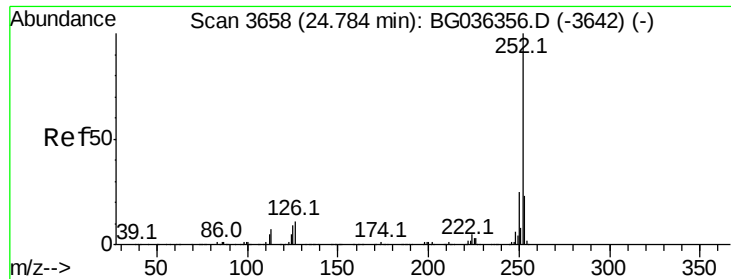


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time-->





#89

Benzo(a)pyrene

Concen: 51.435 ng

RT: 24.75 min Scan# 3652

Delta R.T. -0.01 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

Instrument :

BNA_G

ClientSampleId :

PB112803BSD

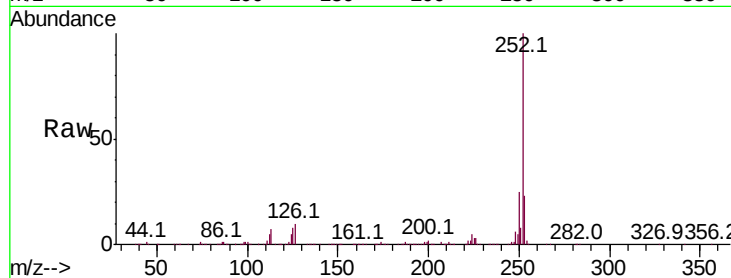
Tot Ion:252 Resp: 1175643

Ion Ratio Lower Upper

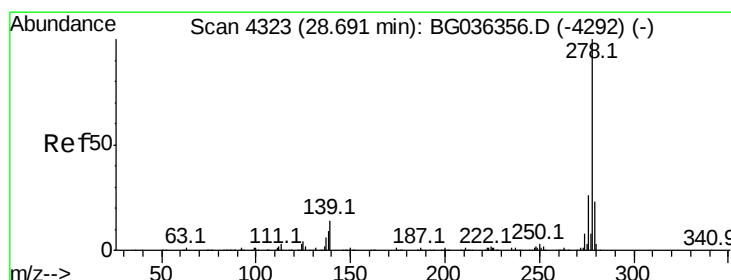
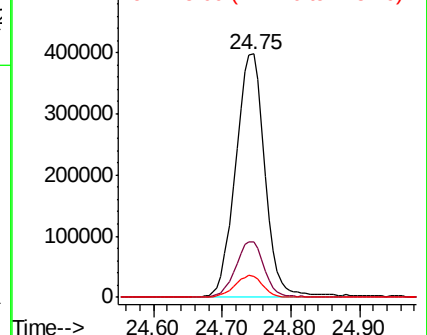
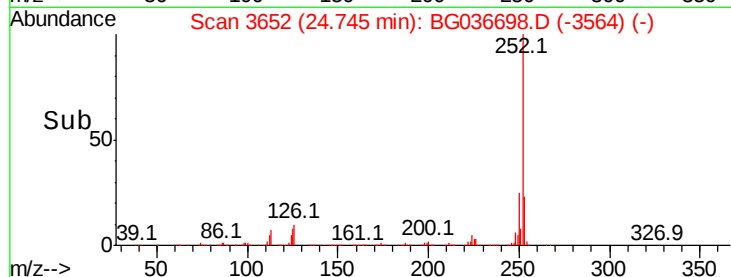
252 100

253 23.0 18.2 27.2

125 8.3 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 43.630 ng

RT: 28.60 min Scan# 4308

Delta R.T. -0.03 min

Lab File: BG036698.D

Acq: 14 Sep 2018 1:10

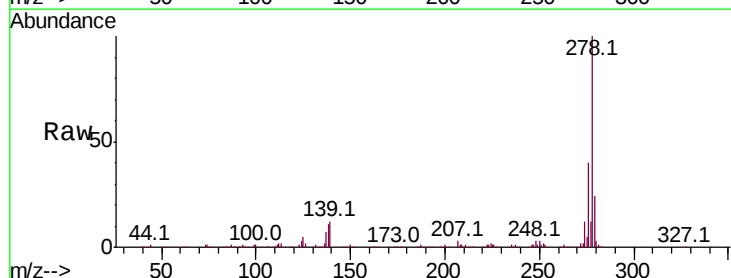
Tgt Ion:278 Resp: 962740

Ion Ratio Lower Upper

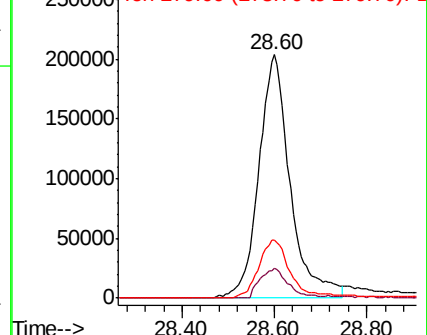
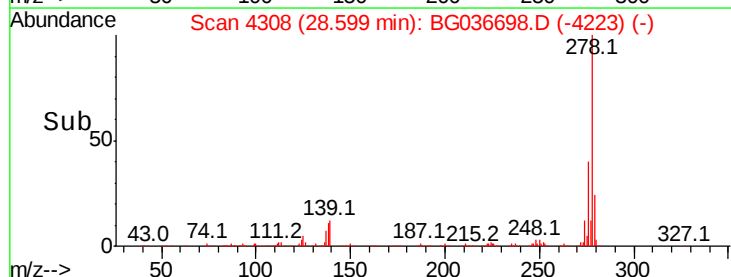
278 100

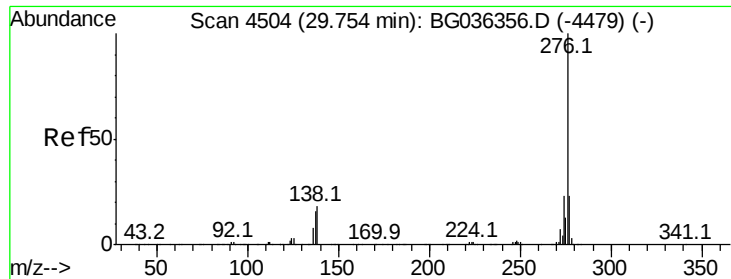
139 12.2 11.0 16.4

279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 47.762 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036698.D
 Acq: 14 Sep 2018 1:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112803BSD

Tot Ion:276 Resp: 1059107

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.4	27.6
138	16.1	14.6	22.0

