

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082518\
 Data File : BG036418.D
 Acq On : 24 Aug 2018 18:17
 Operator : JU/SJ
 Sample : PB112350BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Quant Time: Aug 25 05:07:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49265	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	223541	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	147457	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	390067	20.00	ng	0.00
75) Chrysene-d12	21.70	240	405171	20.00	ng	-0.01
86) Perylene-d12	24.91	264	426207	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	352457	113.49	ng	0.00
7) Phenol-d6	7.22	99	481852	108.37	ng	0.00
23) Nitrobenzene-d5	9.23	82	273661	66.42	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	200476	113.94	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	667736	64.66	ng	-0.01
78) Terphenyl-d14	20.04	244	1199704	69.21	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	51667	35.648	ng	99
3) Pyridine	3.93	79	148772	36.568	ng	98
4) n-Nitrosodimethylamine	3.85	42	74550	41.141	ng	94
6) Aniline	7.39	93	186282	33.005	ng	98
8) 2-Chlorophenol	7.63	128	147307	43.738	ng	98
9) Benzaldehyde	7.20	77	100534	32.833	ng	94
10) Phenol	7.25	94	211302	45.410	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	143522	38.905	ng	98
12) 1,3-Dichlorobenzene	7.96	146	150867	39.230	ng	99
13) 1,4-Dichlorobenzene	8.10	146	152848	39.367	ng	100
14) 1,2-Dichlorobenzene	8.42	146	147265	39.715	ng	96
15) Benzyl Alcohol	8.30	79	150039	41.857	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	273068	36.705	ng	99
17) 2-Methylphenol	8.50	107	140648	45.521	ng	99
18) Hexachloroethane	9.15	117	55352	39.762	ng	93
19) n-Nitroso-di-n-propylamine	8.87	70	124439	37.446	ng	91
20) 3+4-Methylphenols	8.83	107	192606	44.649	ng	99
22) Acetophenone	8.89	105	230606	39.285	ng	100
24) Nitrobenzene	9.27	77	179121	40.317	ng	97
25) Isophorone	9.79	82	344775	42.124	ng	98
26) 2-Nitrophenol	9.98	139	77924	44.262	ng	97
27) 2,4-Dimethylphenol	10.04	122	155880	47.824	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	201195	40.053	ng	100
29) 2,4-Dichlorophenol	10.51	162	162458	45.479	ng	94
30) 1,2,4-Trichlorobenzene	10.74	180	160924	38.509	ng	98
31) Naphthalene	10.93	128	465561	41.662	ng	98
32) Benzoic acid	10.16	122	100217	42.081	ng	93
33) 4-Chloroaniline	11.02	127	126833	24.769	ng	99
34) Hexachlorobutadiene	11.21	225	108726	38.724	ng	97
35) Caprolactam	11.79	113	38418	26.998	ng	99
36) 4-Chloro-3-methylphenol	12.14	107	182738	44.026	ng	99
37) 2-Methylnaphthalene	12.52	142	360813	44.128	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	205140	39.311	ng	99
40) Hexachlorocyclopentadiene	12.87	237	254206	93.627	ng	99

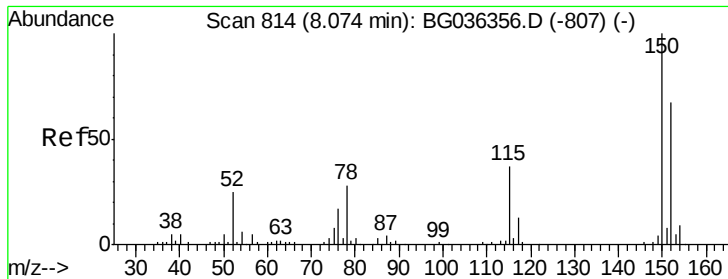
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082518\
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 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	140491	44.197	ng	96
43) 2,4,5-Trichlorophenol	13.19	196	155291	45.802	ng	98
45) 1,1'-Biphenyl	13.53	154	471147	38.492	ng	98
46) 2-Chloronaphthalene	13.57	162	359303	38.452	ng	99
47) 2-Nitroaniline	13.76	65	128708	43.864	ng	96
48) Acenaphthylene	14.42	152	616482	42.214	ng	99
49) Dimethylphthalate	14.14	163	496587	41.242	ng	100
50) 2,6-Dinitrotoluene	14.26	165	110581	44.631	ng	92
51) Acenaphthene	14.76	154	404090	43.205	ng	99
52) 3-Nitroaniline	14.59	138	84470	31.637	ng	98
53) 2,4-Dinitrophenol	14.79	184	85181	90.765	ng	95
54) Dibenzofuran	15.09	168	587398	40.088	ng	98
55) 4-Nitrophenol	14.89	139	192919	88.371	ng	97
56) 2,4-Dinitrotoluene	15.04	165	155961	48.298	ng	90
57) Fluorene	15.74	166	470741	42.975	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	156688	49.188	ng	97
59) Diethylphthalate	15.51	149	494655	40.764	ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	267668	39.573	ng	98
61) 4-Nitroaniline	15.75	138	120962	43.294	ng	97
62) Azobenzene	16.02	77	485574	39.329	ng	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	73615	42.962	ng	98
65) n-Nitrosodiphenylamine	15.94	169	439539	37.923	ng	99
66) 4-Bromophenyl-phenylether	16.62	248	177807	38.934	ng	98
67) Hexachlorobenzene	16.74	284	183345	39.262	ng	97
68) Atrazine	16.89	200	186368	42.839	ng	99
69) Pentachlorophenol	17.08	266	231353	72.895	ng	98
70) Phenanthrene	17.48	178	815097	41.124	ng	98
71) Anthracene	17.57	178	833368	42.180	ng	100
72) Carbazole	17.83	167	751945	38.109	ng	99
73) Di-n-butylphthalate	18.40	149	861639	39.215	ng	99
74) Fluoranthene	19.48	202	1027250	42.509	ng	100
76) Benzidine	19.66	184	543905	42.076	ng	99
77) Pyrene	19.84	202	1012944	40.655	ng	99
79) Butylbenzylphthalate	20.73	149	408463	41.194	ng	95
80) Benzo(a)anthracene	21.68	228	1023700	41.705	ng	100
81) 3,3'-Dichlorobenzidine	21.59	252	235718	24.096	ng	100
82) Chrysene	21.75	228	942716	40.519	ng	99
83) Bis(2-ethylhexyl)phthalate	21.60	149	557956	40.211	ng	99
84) Di-n-octyl phthalate	22.82	149	959929	41.418	ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1182613	43.763	ng	100
87) Benzo(b)fluoranthene	23.90	252	1020878	43.135	ng	98
88) Benzo(k)fluoranthene	23.97	252	982506	42.492	ng	99
89) Benzo(a)pyrene	24.77	252	997857	43.876	ng	99
90) Dibenzo(a,h)anthracene	28.65	278	947258	43.144	ng	98
91) Benzo(g,h,i)perylene	29.73	276	971370	44.026	ng	97

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

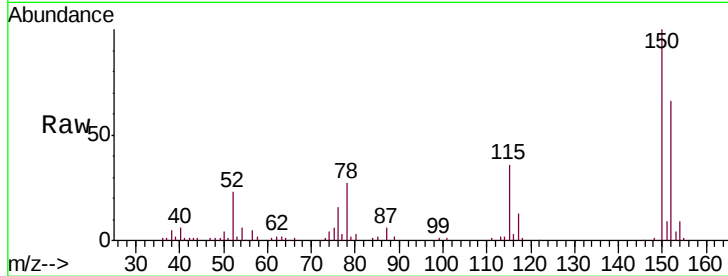


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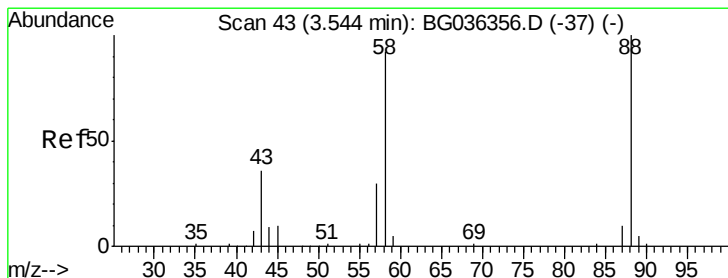
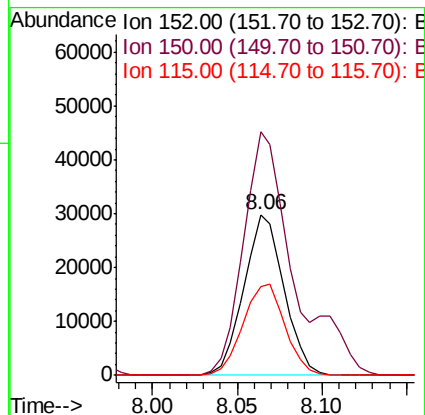
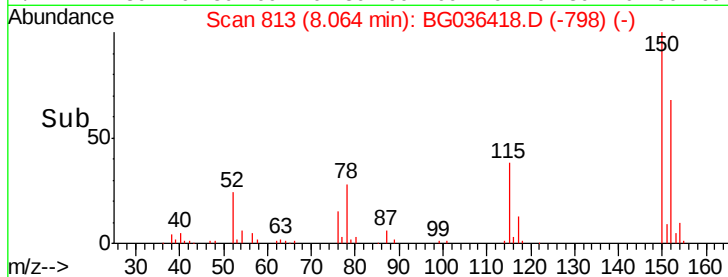
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion:152 Resp: 49265
 Ion Ratio Lower Upper
 152 100
 150 151.7 119.5 179.3
 115 55.3 44.5 66.7



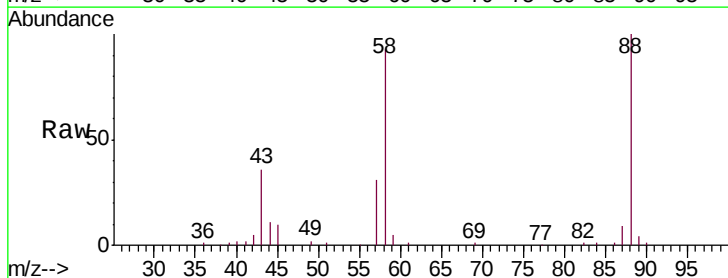
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



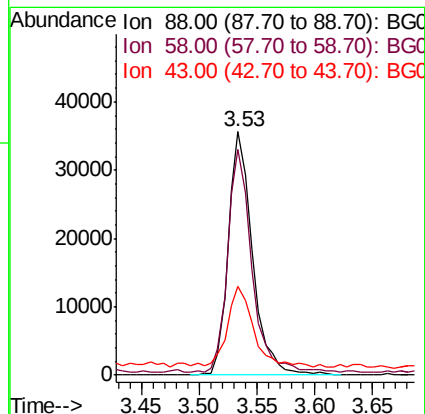
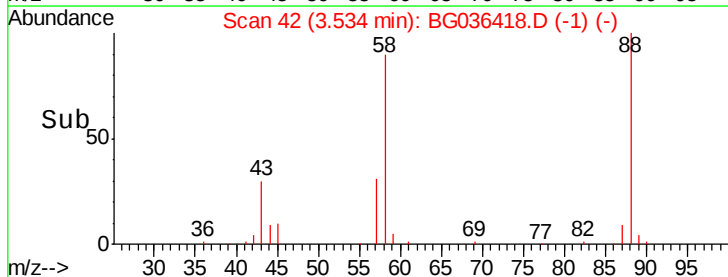
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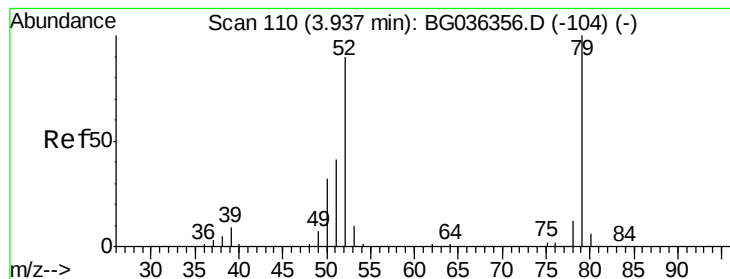
1,4-Dioxane
 Concen: 35.648 ng
 RT: 3.53 min Scan# 42
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion: 88 Resp: 51667
 Ion Ratio Lower Upper
 88 100
 58 92.1 72.6 109.0
 43 35.5 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

Pyridine

Concen: 36.568 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

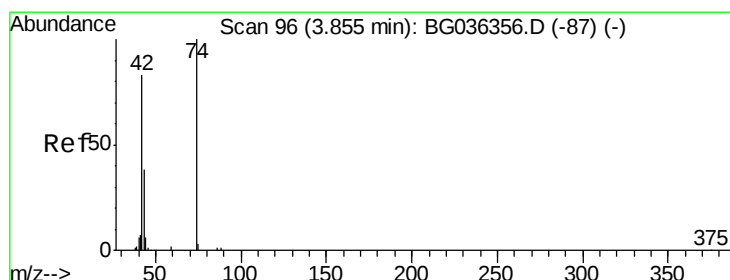
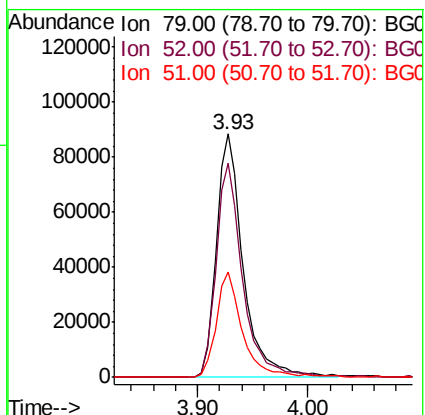
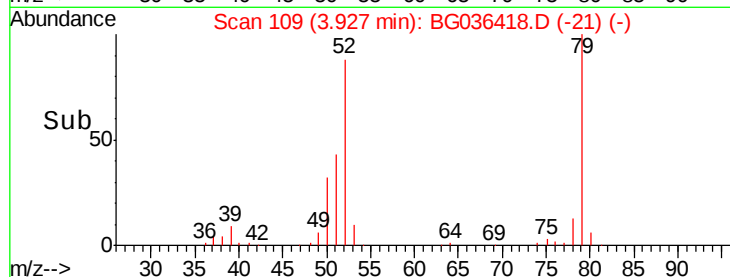
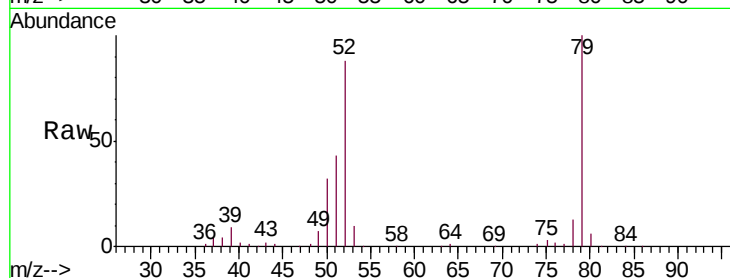
Tgt Ion: 79 Resp: 148772

Ion Ratio Lower Upper

79 100

52 88.0 72.3 108.5

51 43.2 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 41.141 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

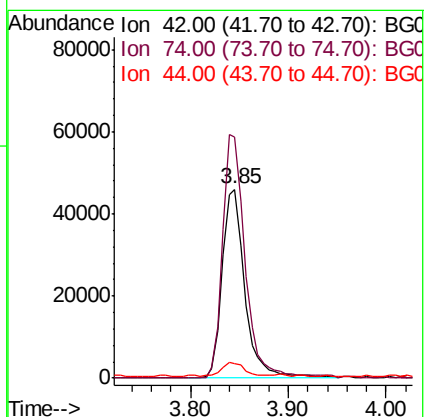
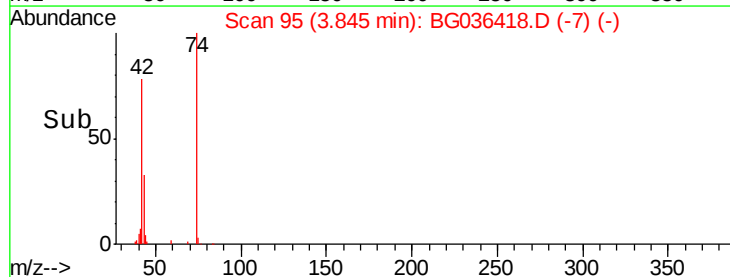
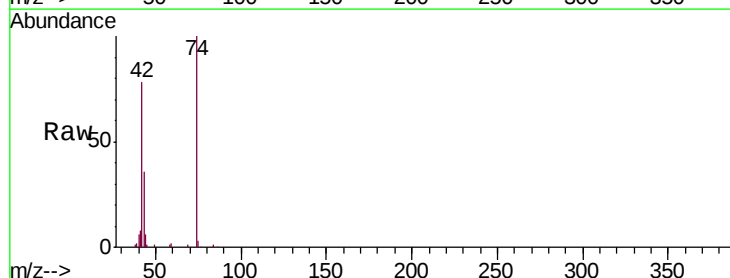
Tgt Ion: 42 Resp: 74550

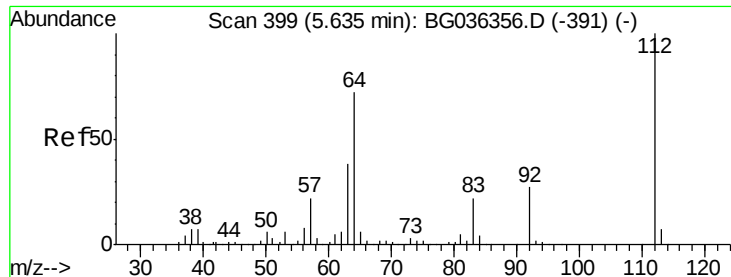
Ion Ratio Lower Upper

42 100

74 127.6 96.6 145.0

44 7.5 7.0 10.4





#5

2-Fluorophenol

Concen: 113.488 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

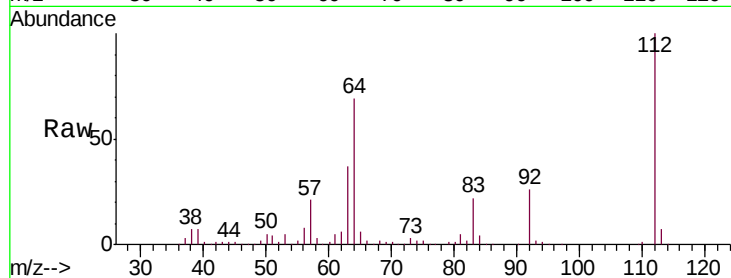
Tgt Ion: 112 Resp: 352457

Ion Ratio Lower Upper

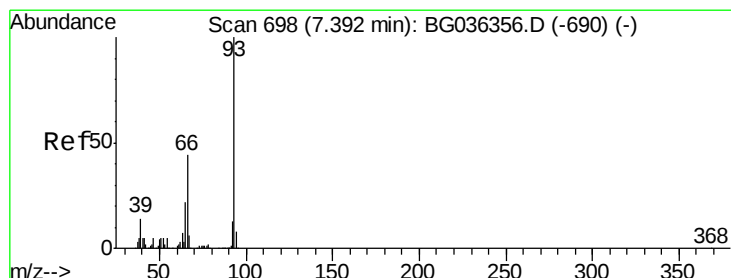
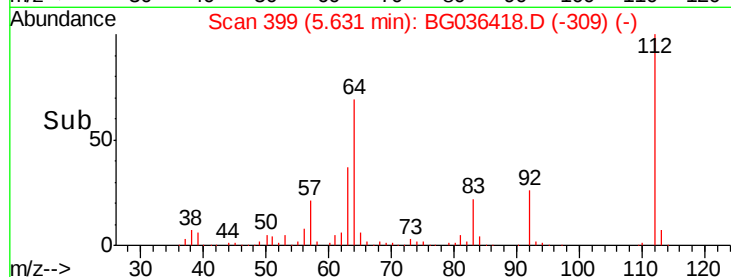
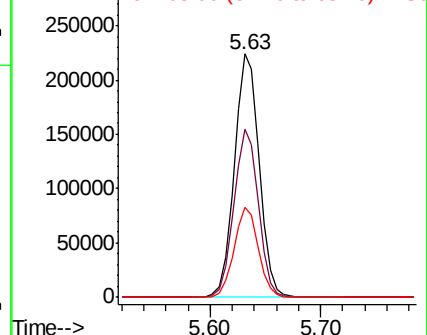
112 100

64 68.9 57.2 85.8

63 37.0 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: 33.005 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

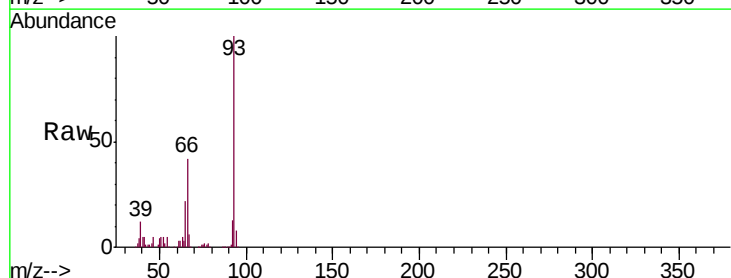
Tgt Ion: 93 Resp: 186282

Ion Ratio Lower Upper

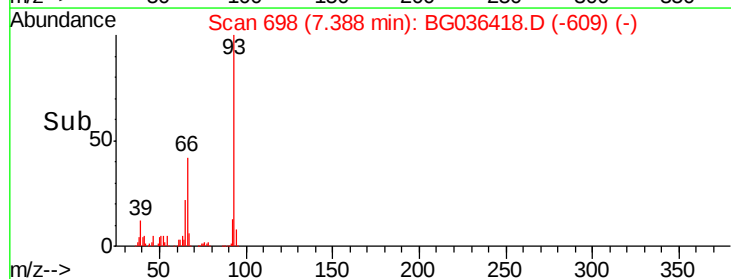
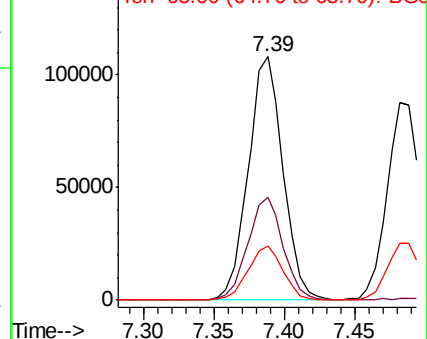
93 100

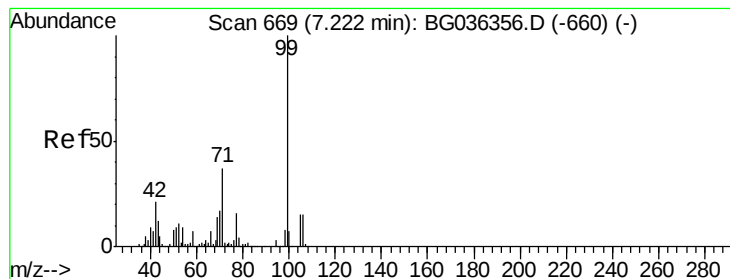
66 42.1 35.0 52.4

65 22.0 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: 108.366 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

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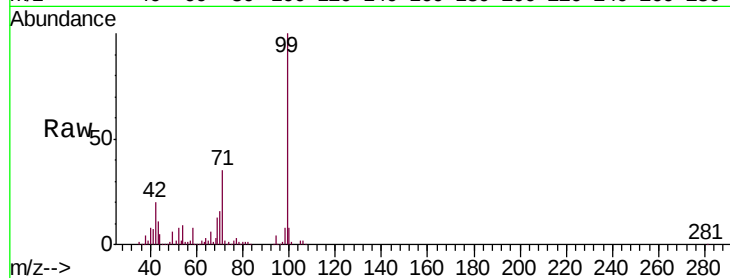
Tgt Ion: 99 Resp: 481852

Ion Ratio Lower Upper

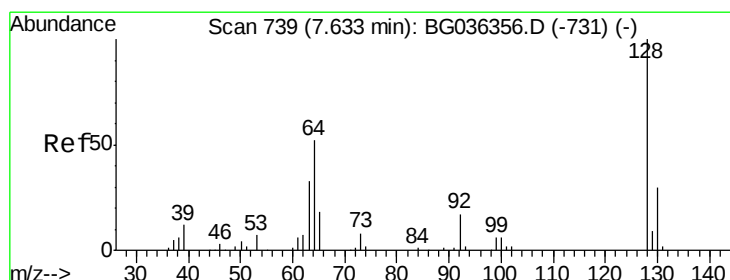
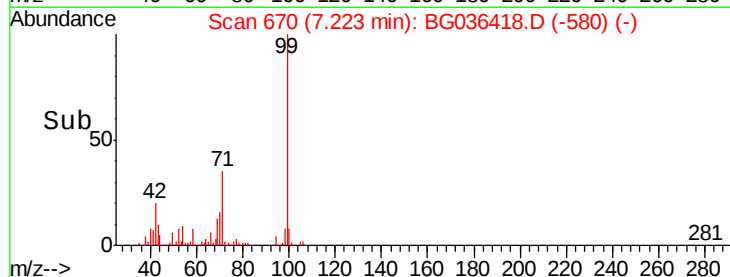
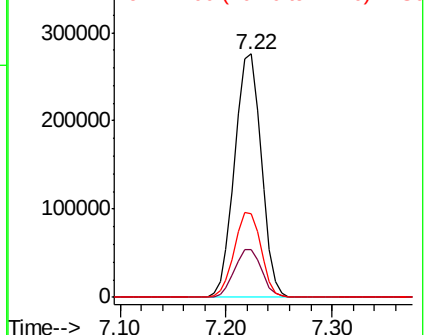
99 100

42 19.7 16.5 24.7

71 34.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.738 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

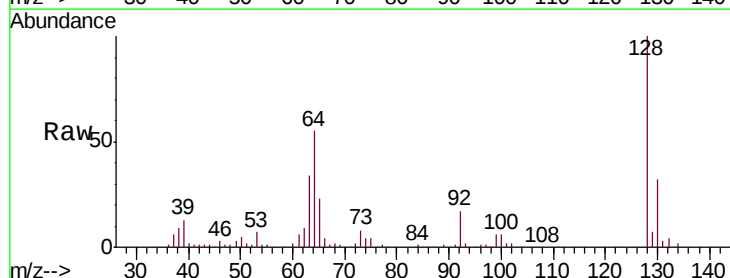
Tgt Ion: 128 Resp: 147307

Ion Ratio Lower Upper

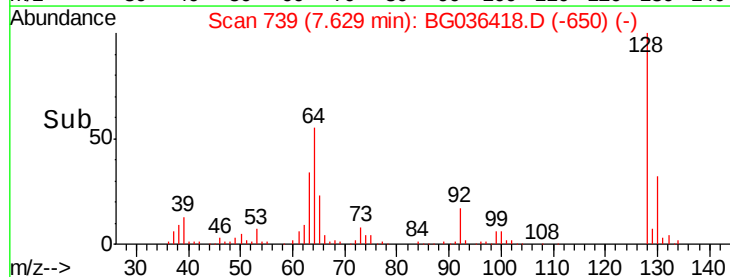
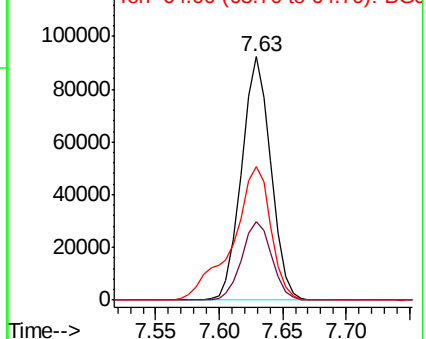
128 100

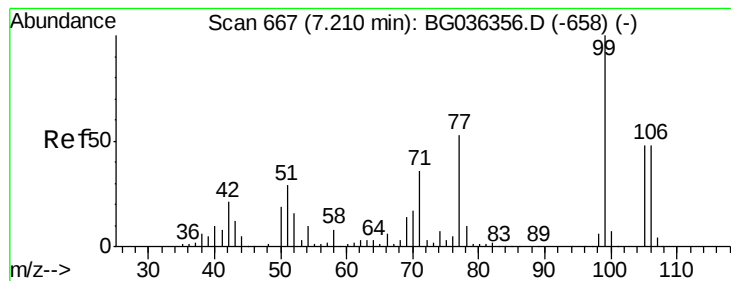
130 32.1 10.0 50.0

64 54.8 36.0 76.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 32.833 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

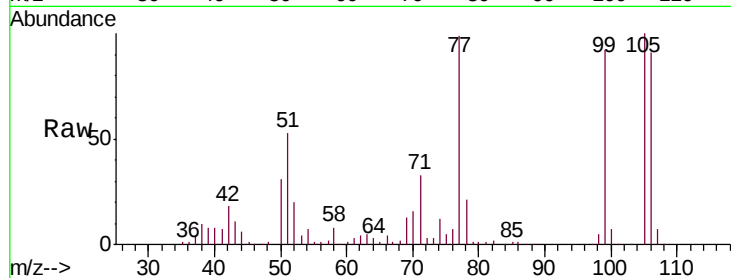
Tgt Ion: 77 Resp: 100534

Ion Ratio Lower Upper

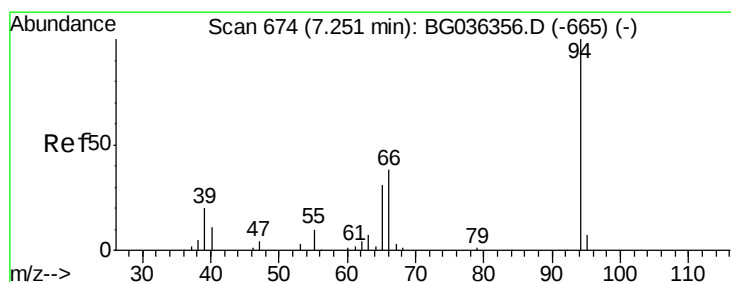
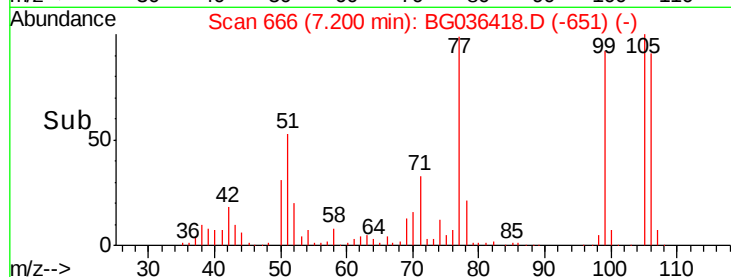
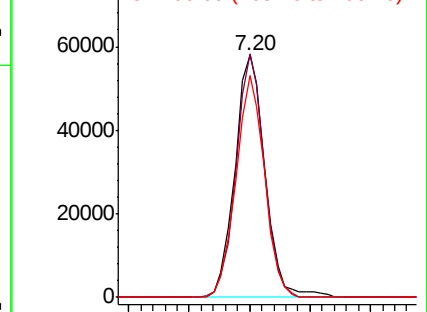
77 100

105 100.7 70.5 110.5

106 91.8 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: 45.410 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

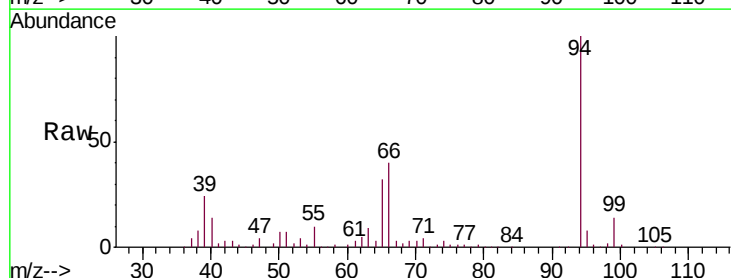
Tgt Ion: 94 Resp: 211302

Ion Ratio Lower Upper

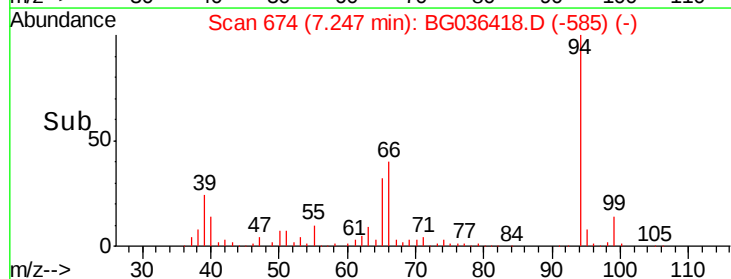
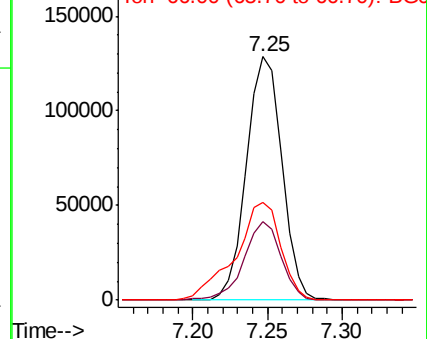
94 100

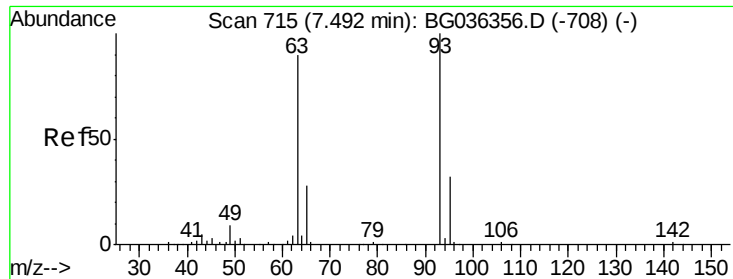
65 32.2 11.5 51.5

66 39.9 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

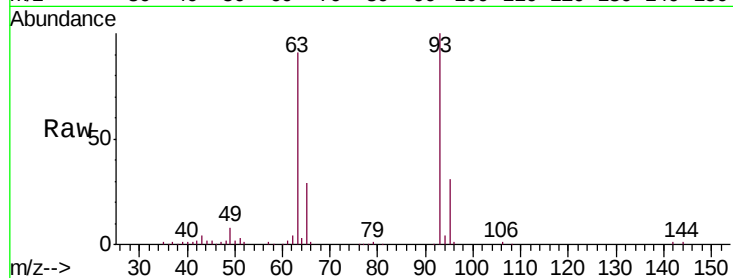




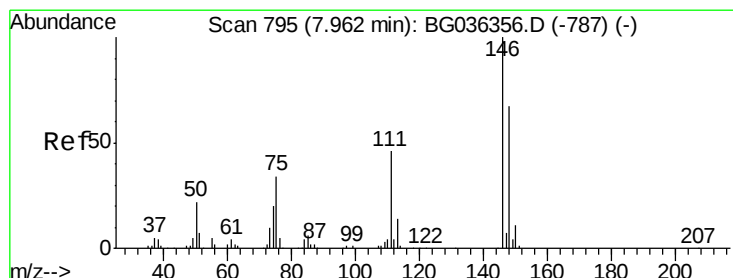
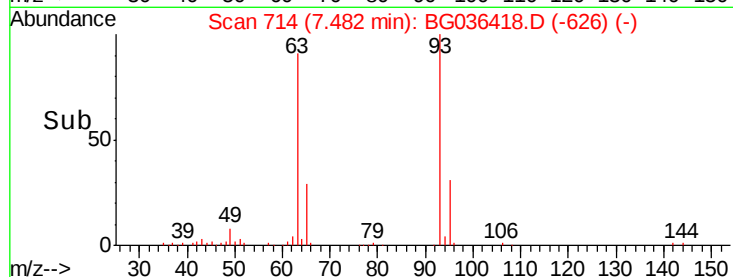
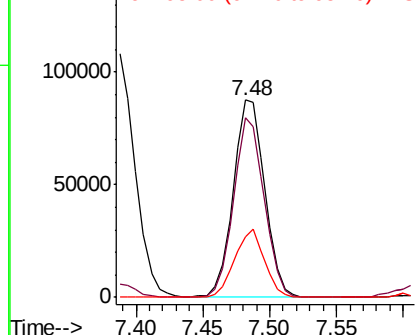
#11
bis(2-Chloroethyl)ether
Concen: 38.905 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :
PB112350BSD

Tgt Ion: 93 Resp: 143522
Ion Ratio Lower Upper
93 100
63 91.4 69.9 109.9
95 30.8 11.7 51.7

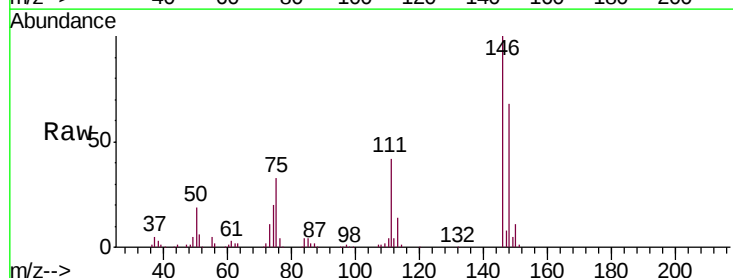


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

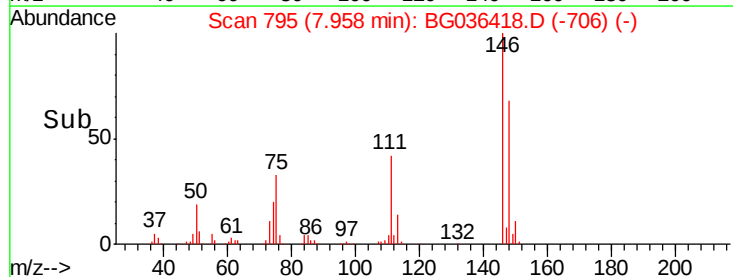
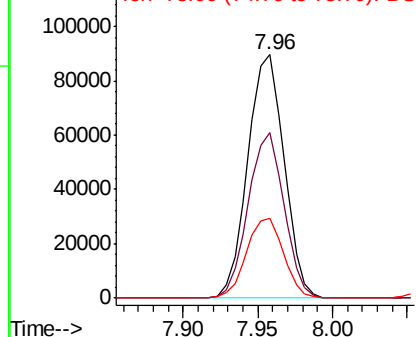


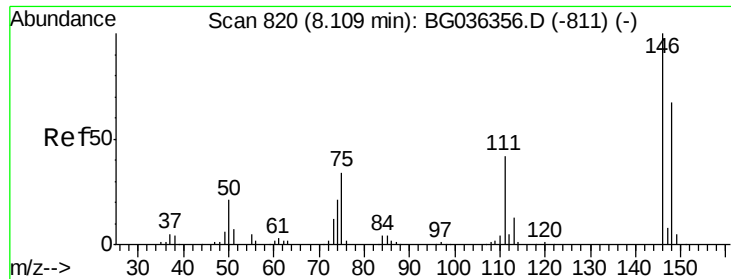
#12
1,3-Dichlorobenzene
Concen: 39.230 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion: 146 Resp: 150867
Ion Ratio Lower Upper
146 100
148 68.0 53.8 80.6
75 32.6 27.2 40.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

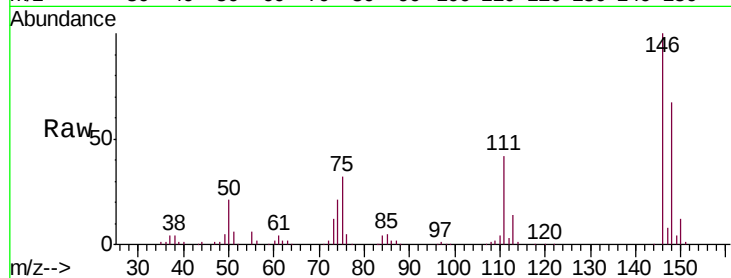




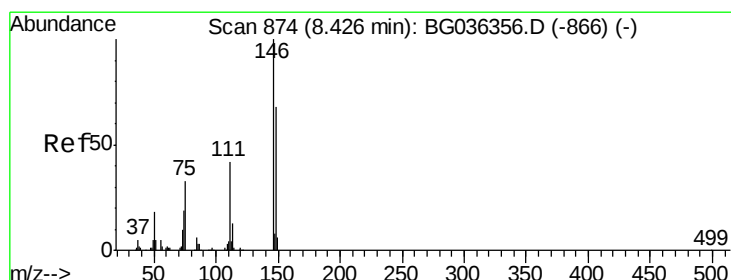
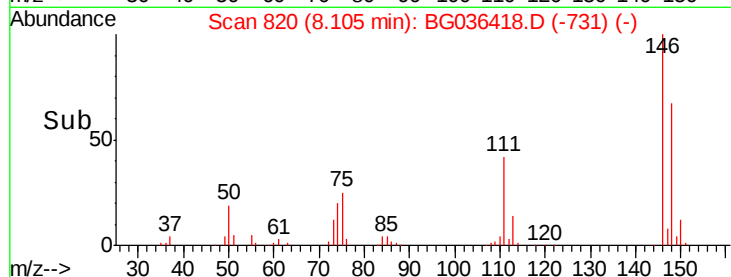
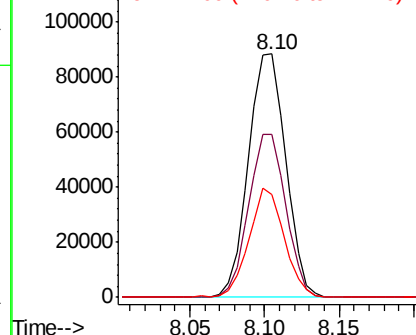
#13
 1,4-Dichlorobenzene
 Concen: 39.367 ng
 RT: 8.10 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion:146 Resp: 152848
 Ion Ratio Lower Upper
 146 100
 148 67.0 53.9 80.9
 111 42.1 33.8 50.6

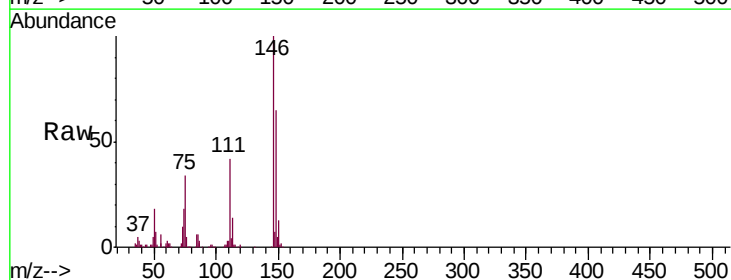


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

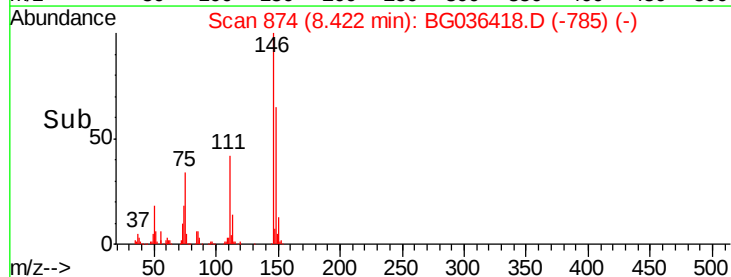
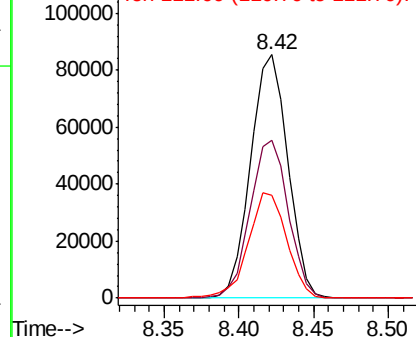


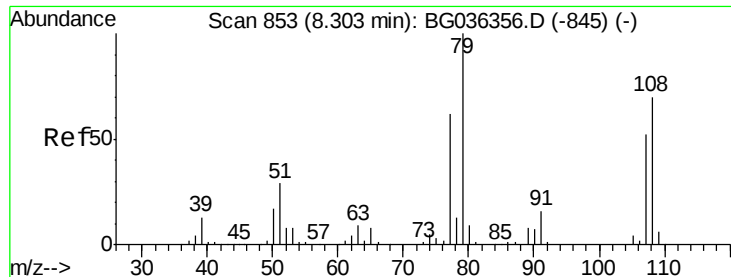
#14
 1,2-Dichlorobenzene
 Concen: 39.715 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:146 Resp: 147265
 Ion Ratio Lower Upper
 146 100
 148 64.9 55.0 82.6
 111 42.3 34.6 51.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.857 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

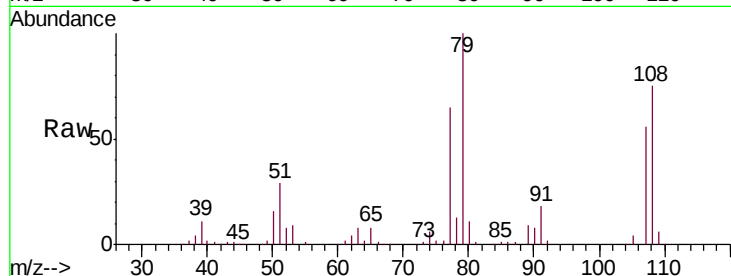
Tgt Ion: 79 Resp: 150039

Ion Ratio Lower Upper

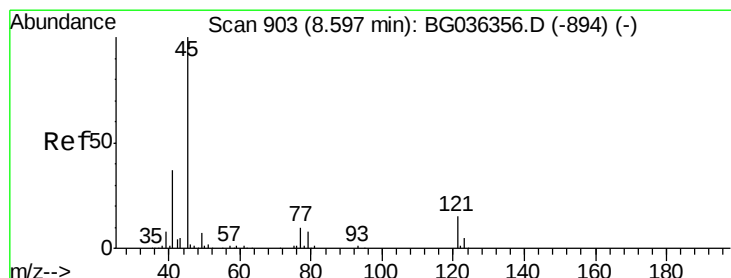
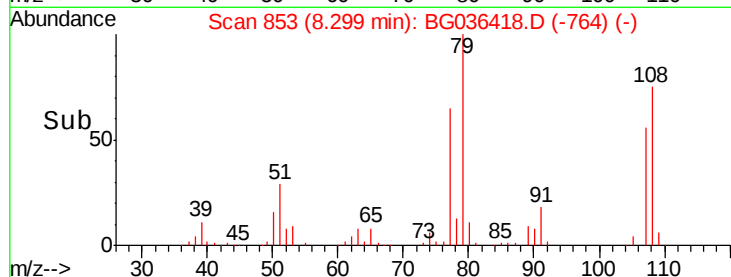
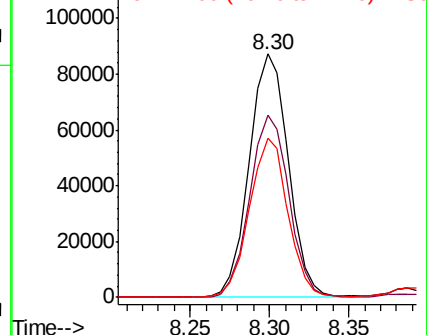
79 100

108 74.7 55.9 83.9

77 65.1 50.0 75.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.705 ng

RT: 8.60 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

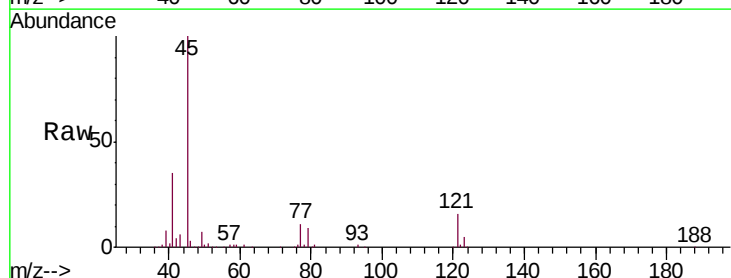
Tgt Ion: 45 Resp: 273068

Ion Ratio Lower Upper

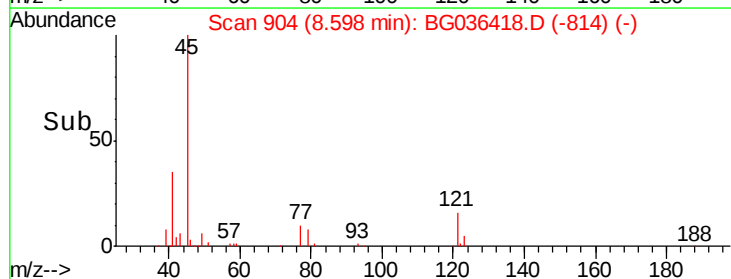
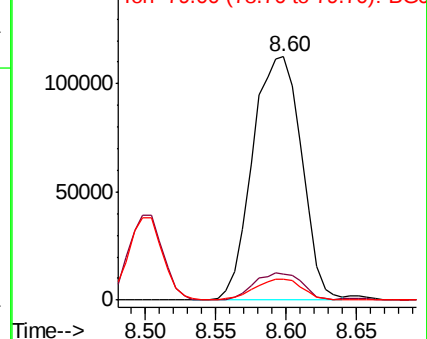
45 100

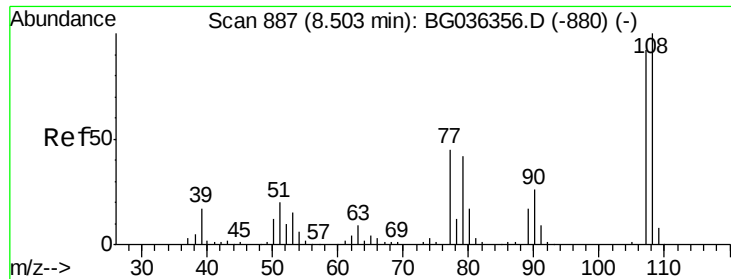
77 10.8 0.0 30.5

79 8.5 0.0 27.9



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

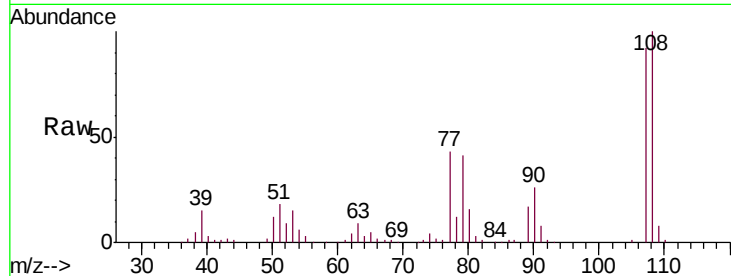




#17
2-Methylphenol
Concen: 45.521 ng
RT: 8.50 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :
PB112350BSD

Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.9	86.7	130.1
77	46.3	39.0	58.4
79	44.8	36.6	54.8



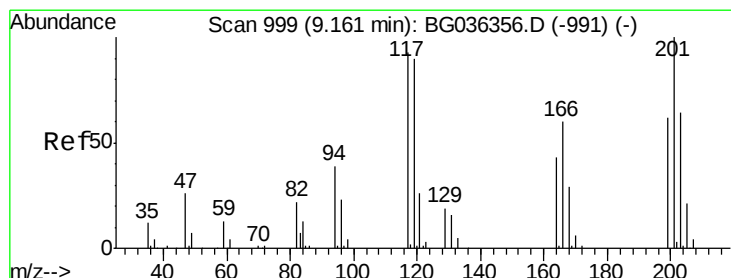
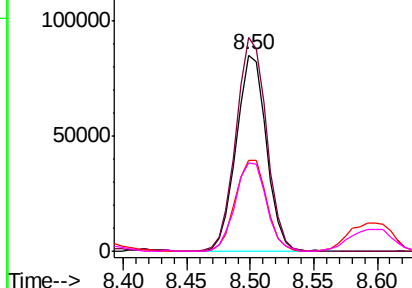
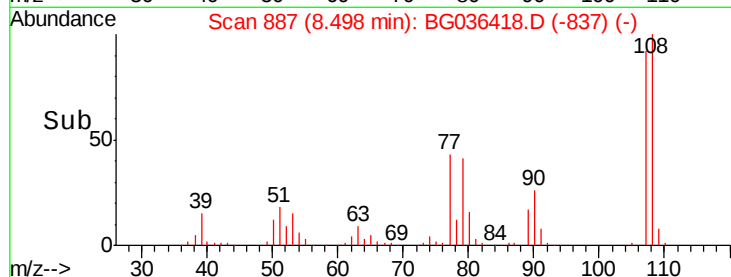
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

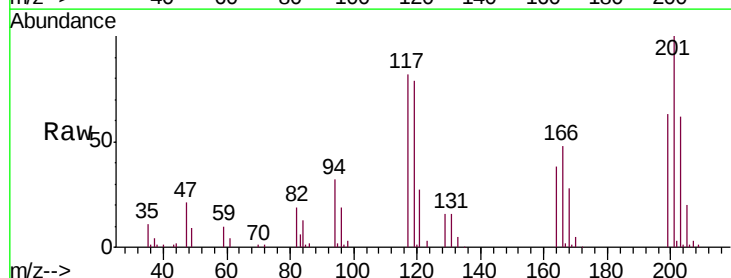
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.762 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.8	115.2
201	121.5	85.7	128.5

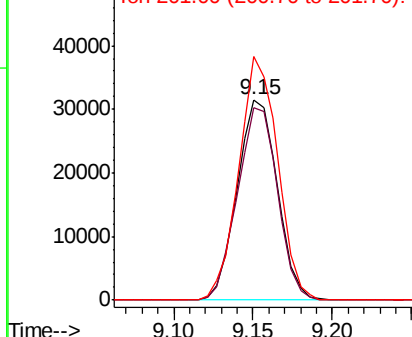
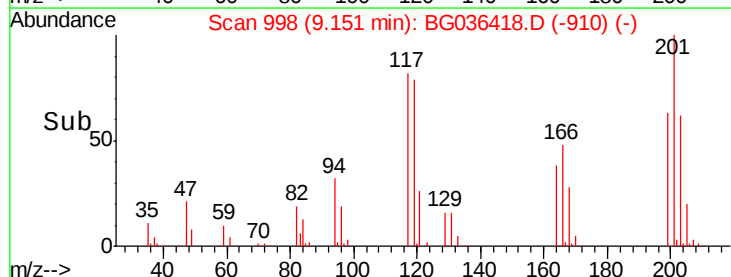


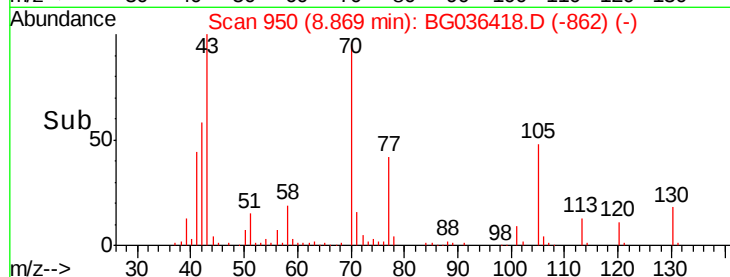
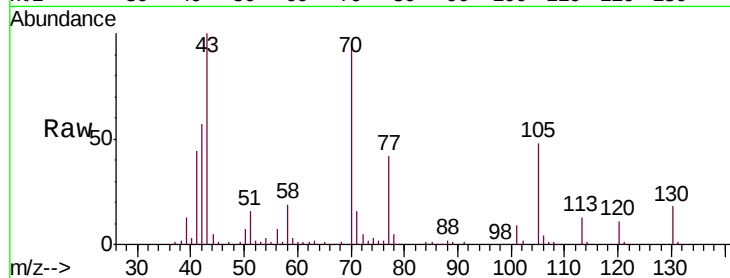
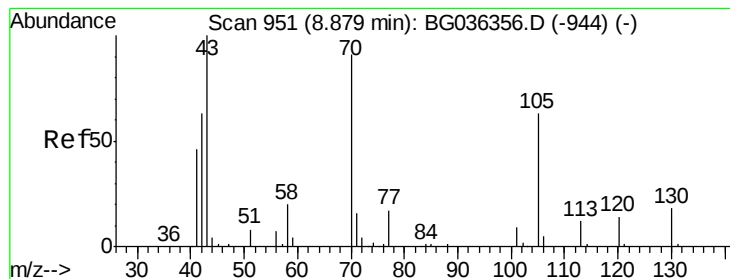
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.446 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

Tgt Ion: 70 Resp: 124439

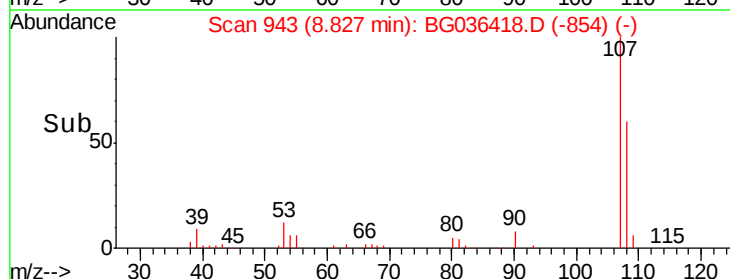
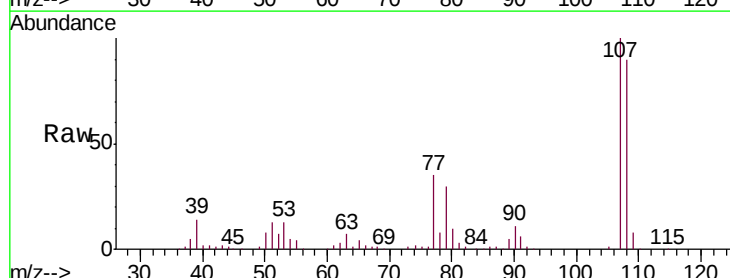
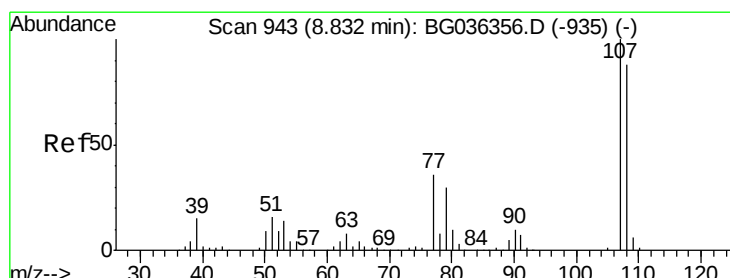
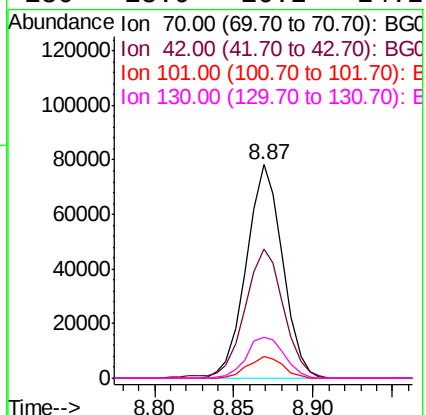
Ion Ratio Lower Upper

70 100

42 60.8 56.2 84.4

101 10.0 7.8 11.6

130 18.9 16.2 24.2



#20

3+4-Methylphenols

Concen: 44.649 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Tgt Ion: 107 Resp: 192606

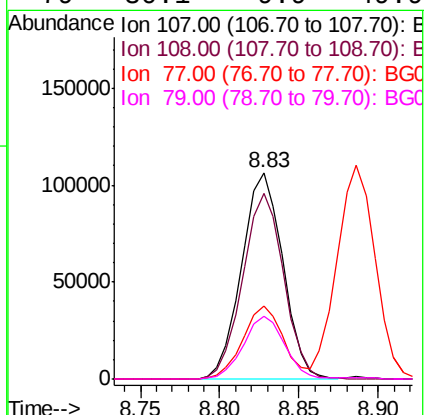
Ion Ratio Lower Upper

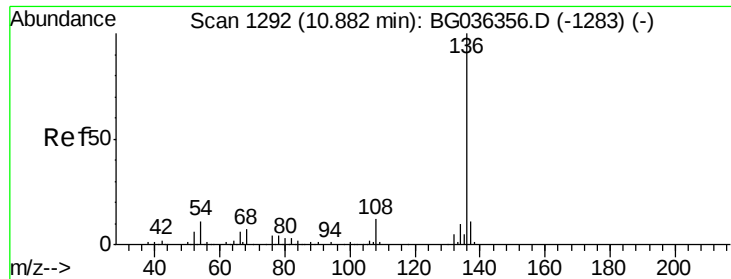
107 100

108 89.9 68.0 108.0

77 35.3 15.6 55.6

79 30.1 9.9 49.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

Tgt Ion:136 Resp: 223541

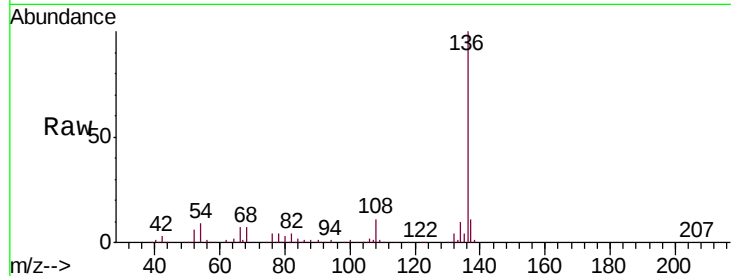
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 9.4 9.2 13.8

68 6.8 5.8 8.6

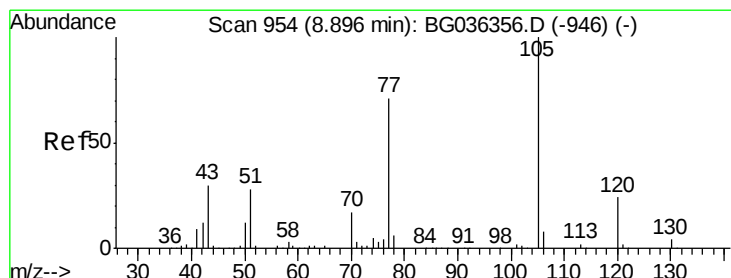
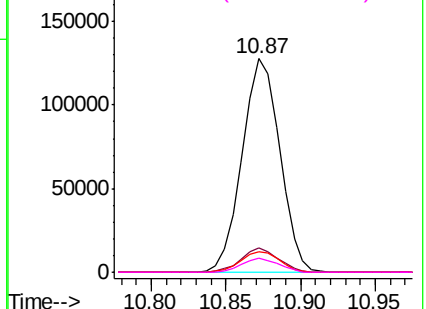
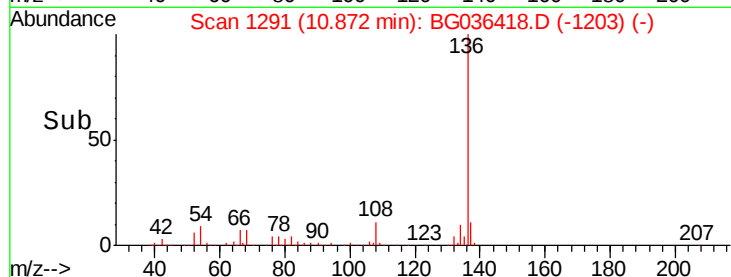


Abundance Ion 136.00 (135.70 to 136.70): E

200000 Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.285 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Tgt Ion:105 Resp: 230606

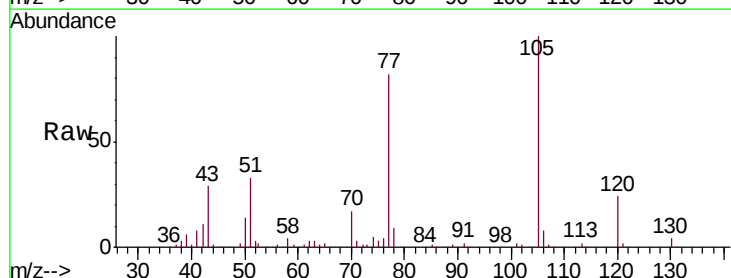
Ion Ratio Lower Upper

105 100

71 2.8 2.4 3.6

51 32.5 25.9 38.9

120 24.3 19.4 29.0

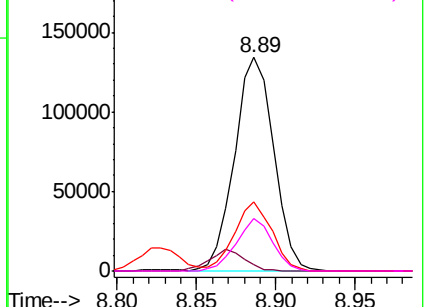
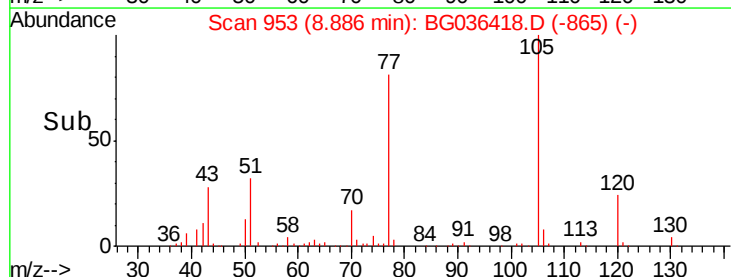


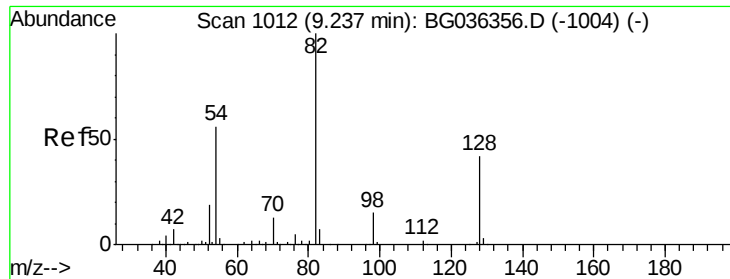
Abundance Ion 105.00 (104.70 to 105.70): E

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

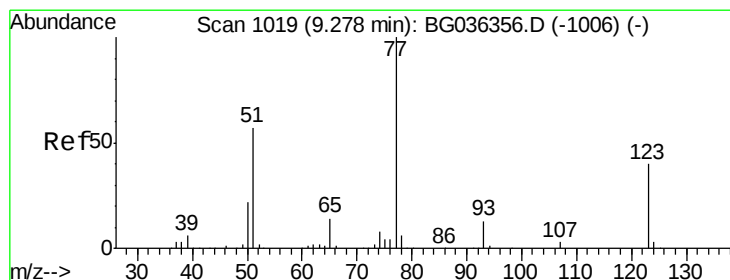
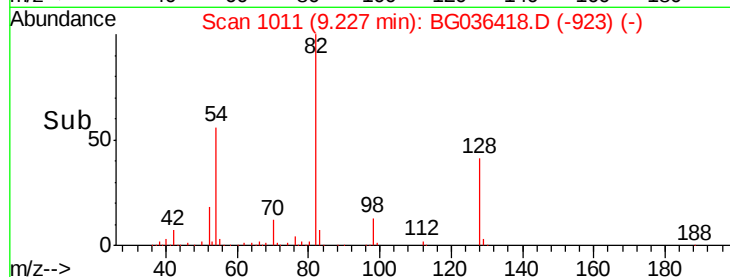
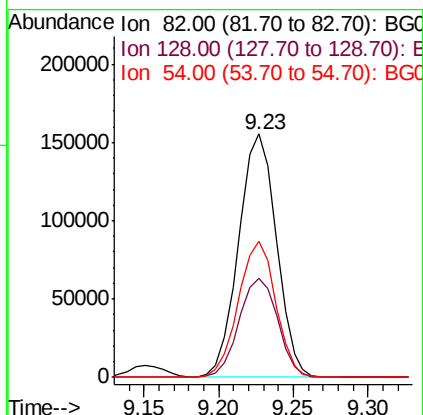
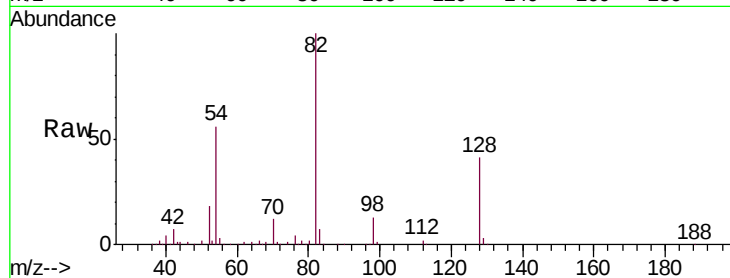




#23
 Nitrobenzene-d5
 Concen: 66.422 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

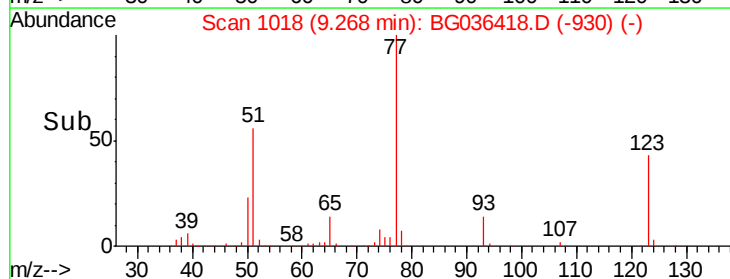
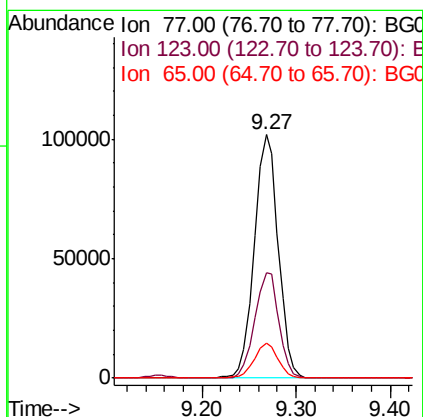
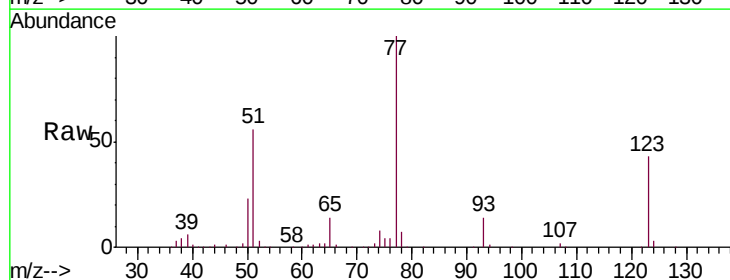
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

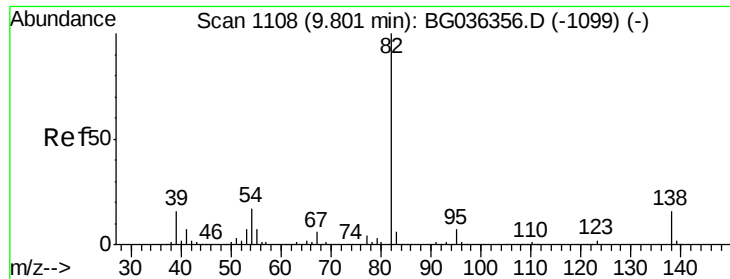
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.3	49.9
54	55.7	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.317 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.2	32.4	48.6
65	14.4	11.5	17.3





#25

Isophorone

Concen: 42.124 ng

RT: 9.79 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

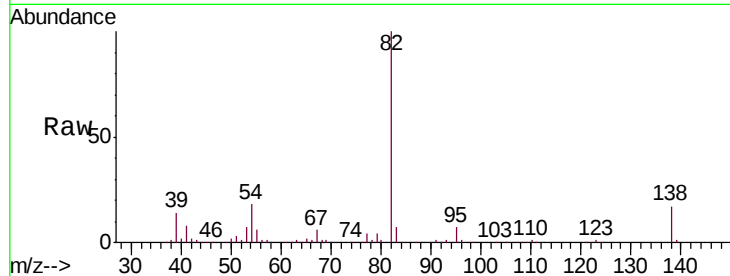
Tgt Ion: 82 Resp: 344775

Ion Ratio Lower Upper

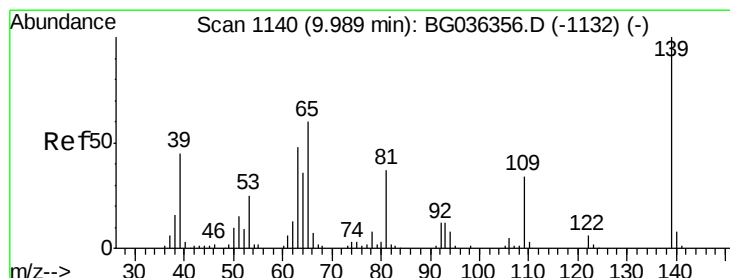
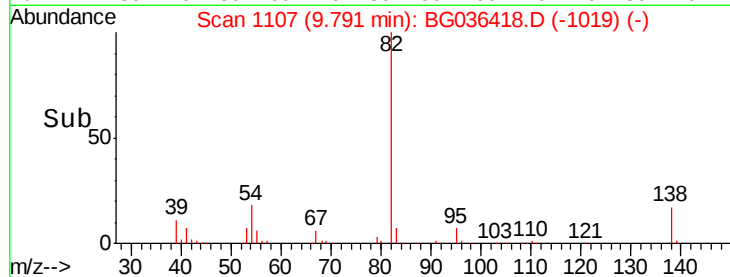
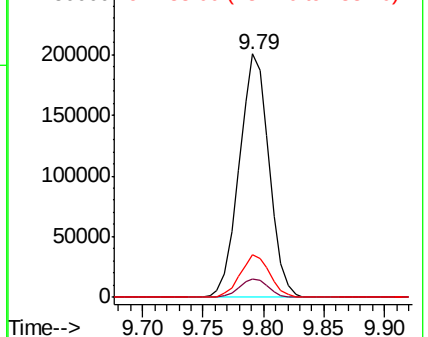
82 100

95 7.5 5.8 8.8

138 17.4 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: 44.262 ng

RT: 9.98 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

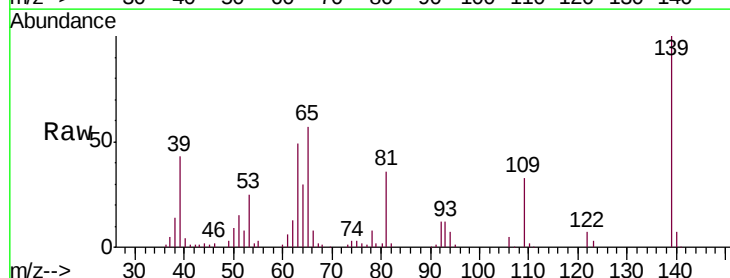
Tgt Ion: 139 Resp: 77924

Ion Ratio Lower Upper

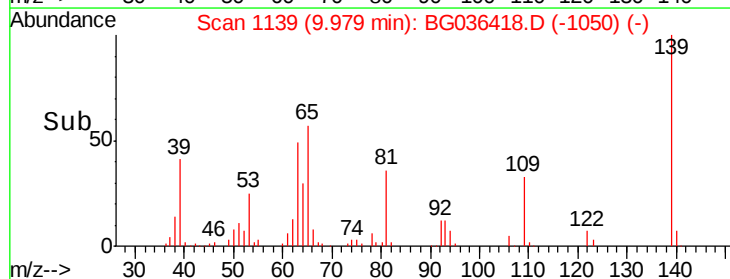
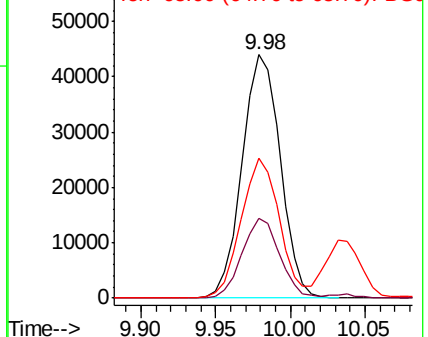
139 100

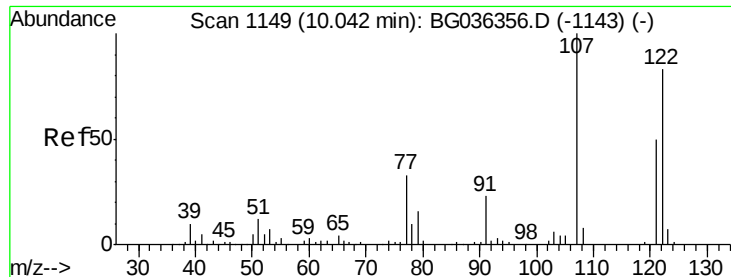
109 32.8 27.4 41.0

65 57.4 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

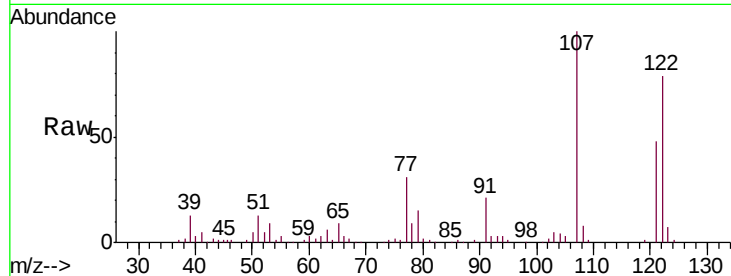




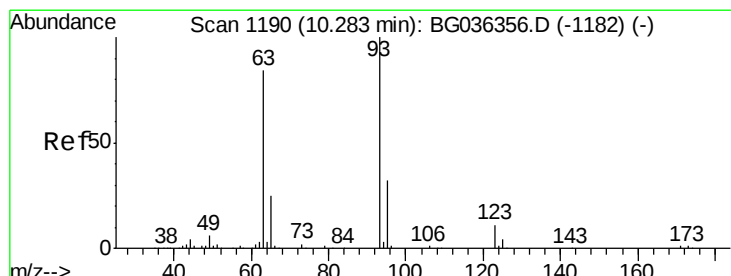
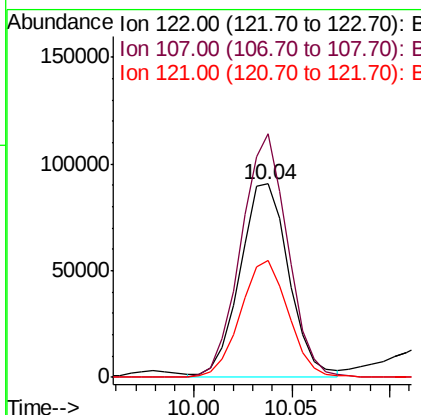
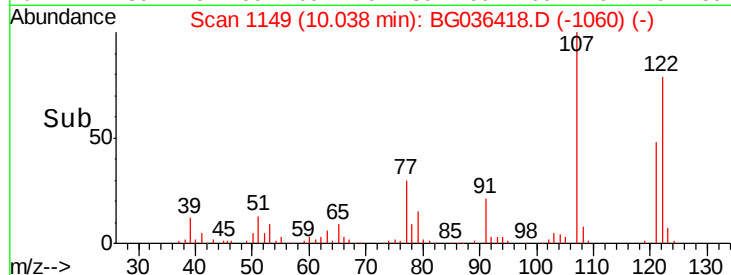
#27
 2,4-Dimethylphenol
 Concen: 47.824 ng
 RT: 10.04 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion:	122	Resp:	155880
Ion	Ratio	Lower	Upper
122	100		
107	126.1	96.0	144.0
121	60.5	48.2	72.4

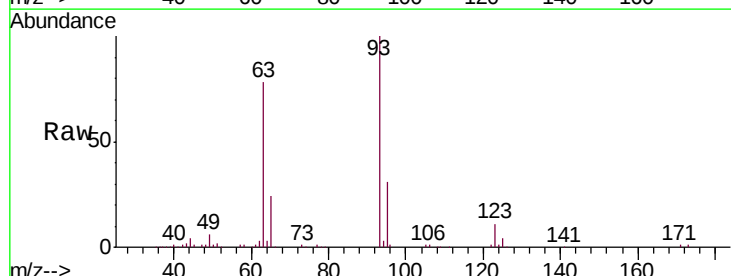


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

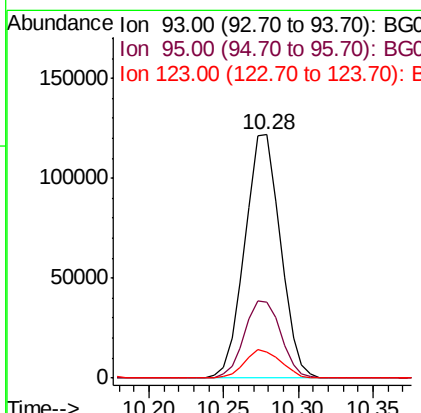
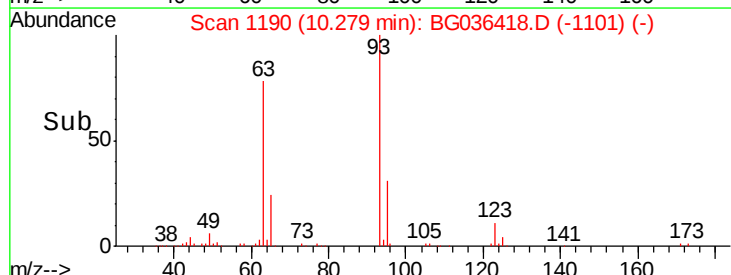


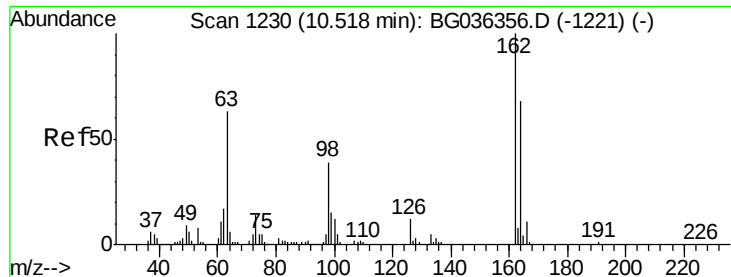
#28
 bis(2-Chloroethoxy)methane
 Concen: 40.053 ng
 RT: 10.28 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:	93	Resp:	201195
Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.2	37.8
123	10.8	8.6	12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

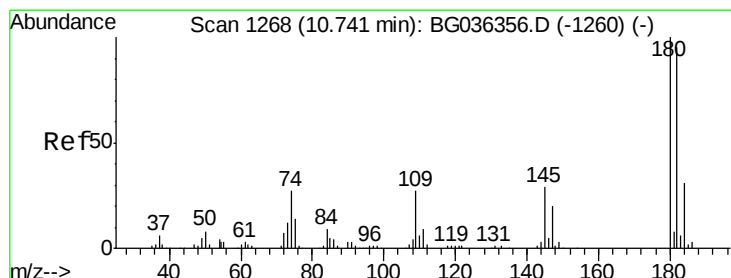
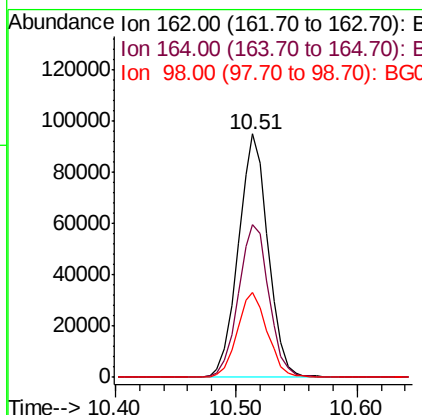
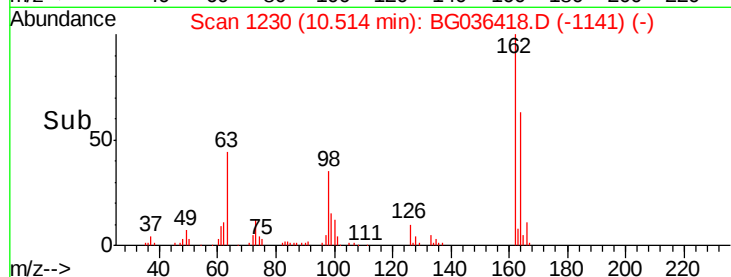
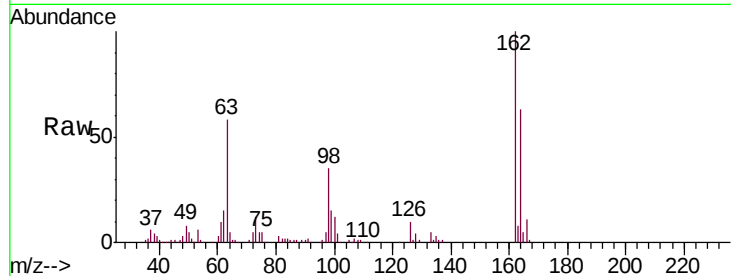




#29
2,4-Dichlorophenol
Concen: 45.479 ng
RT: 10.51 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

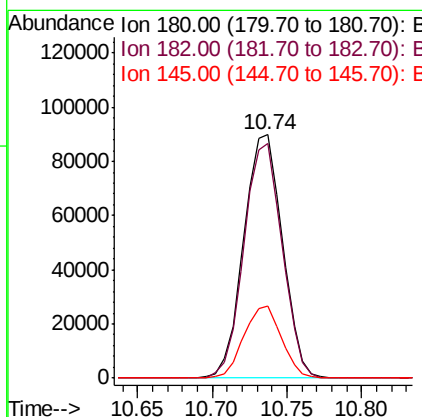
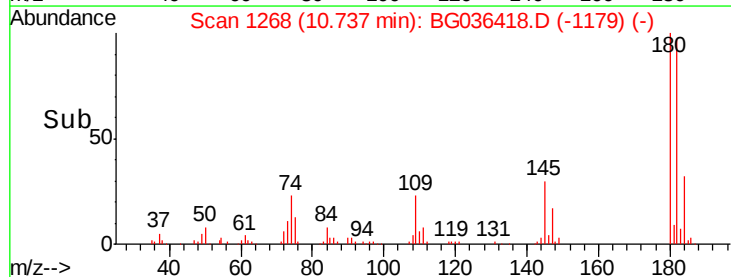
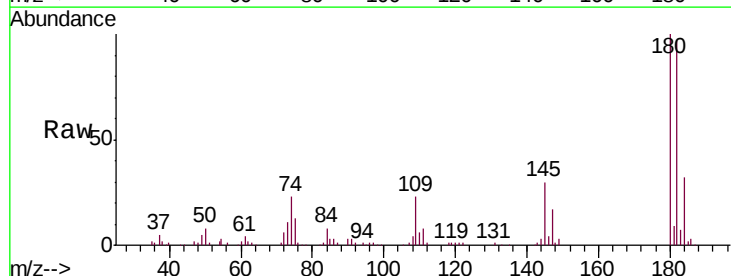
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

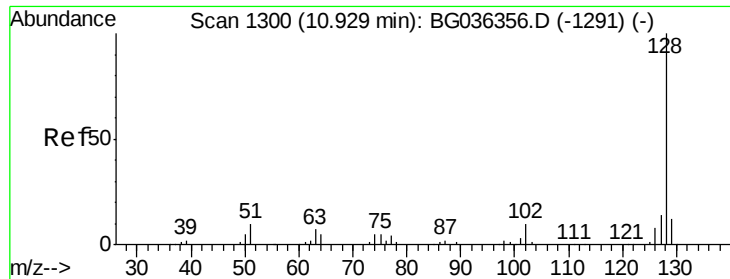
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	47.6	87.6
98	34.8	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 38.509 ng
RT: 10.74 min Scan# 1268
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.0	114.0
145	29.5	22.9	34.3

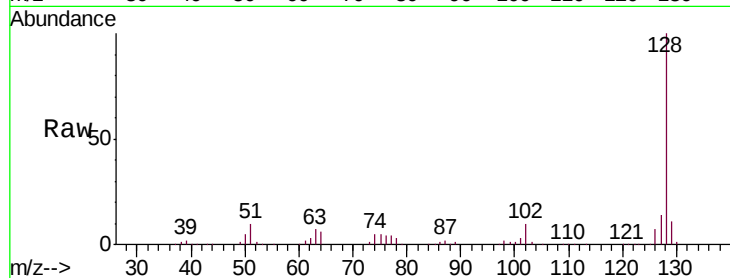




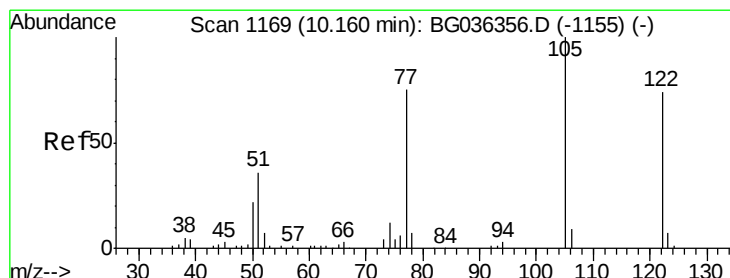
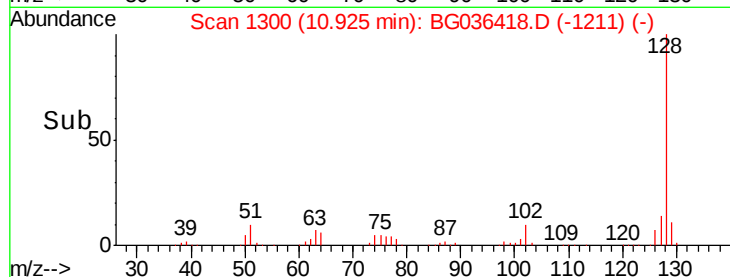
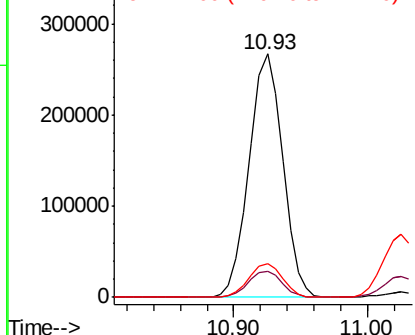
#31
Naphthalene
Concen: 41.662 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :
PB112350BSD

Tgt Ion:128 Resp: 465561
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 13.6 11.0 16.4

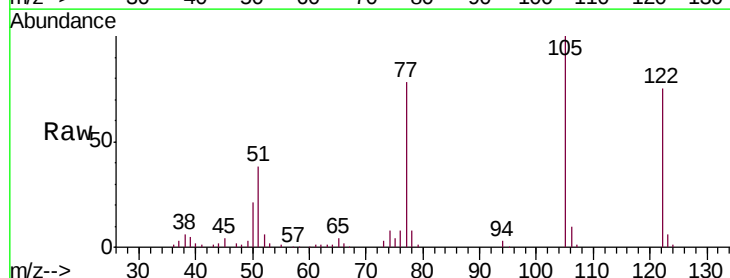


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

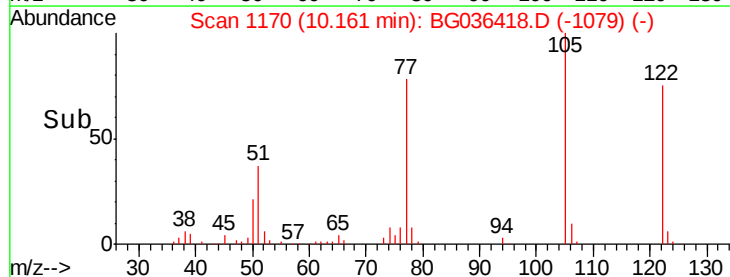
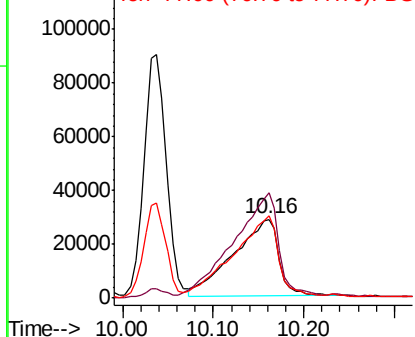


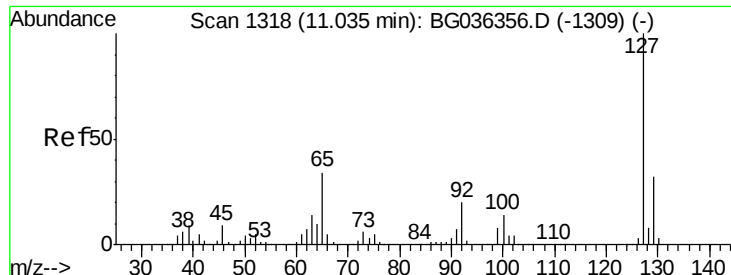
#32
Benzoic acid
Concen: 42.081 ng
RT: 10.16 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion:122 Resp: 100217
Ion Ratio Lower Upper
122 100
105 133.9 108.1 148.1
77 104.7 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

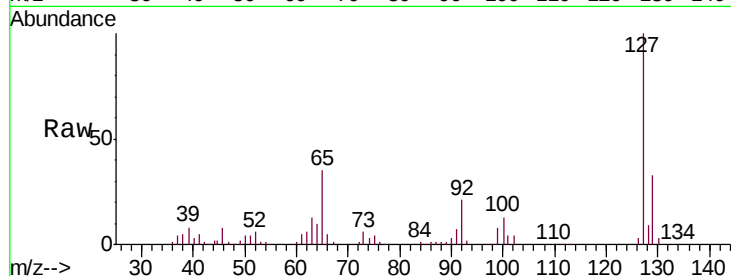




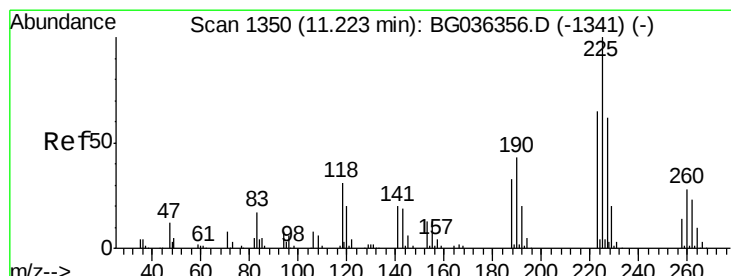
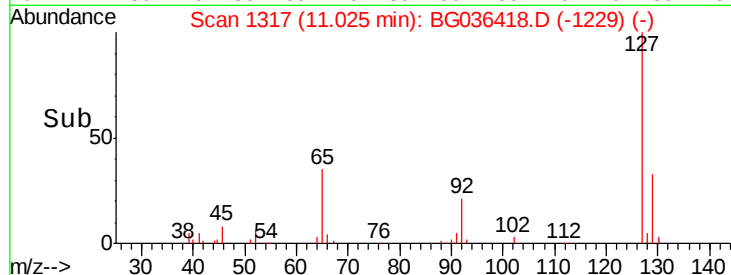
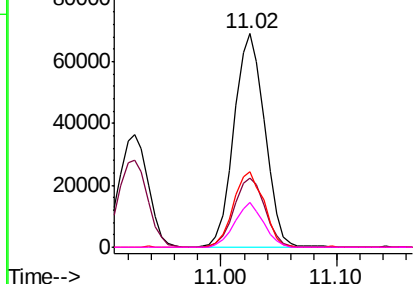
#33
4-Chloroaniline
Concen: 24.769 ng
RT: 11.02 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :
PB112350BSD

Tgt Ion:	127	Resp:	126833
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	35.2	27.5	41.3
92	20.9	16.2	24.2

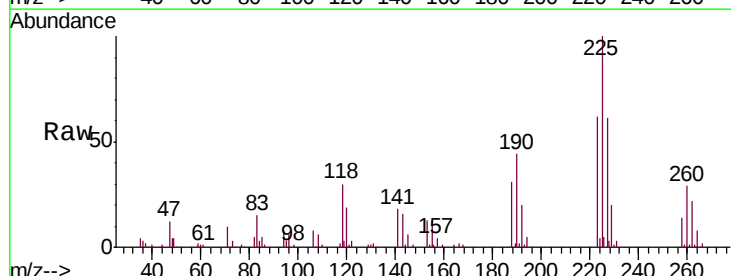


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

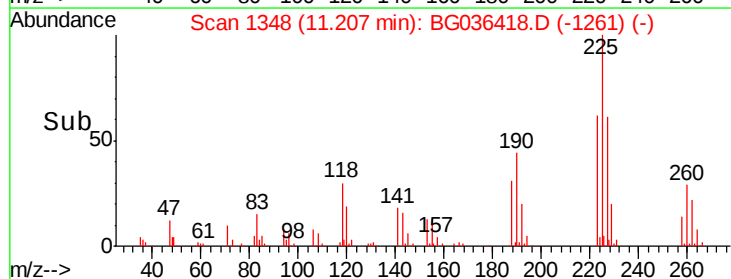
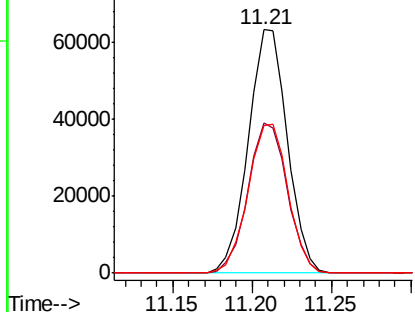


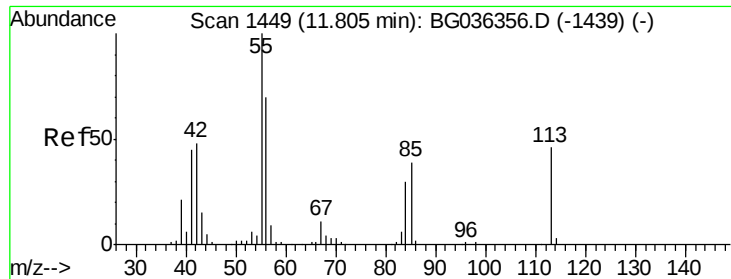
#34
Hexachlorobutadiene
Concen: 38.724 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion:	225	Resp:	108726
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.8	77.8
227	60.6	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: 26.998 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

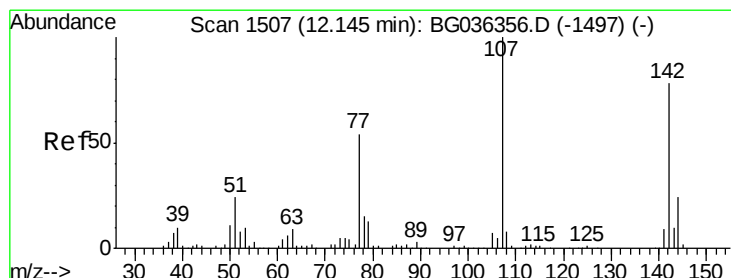
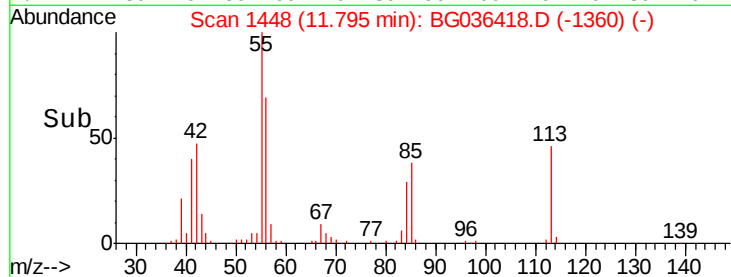
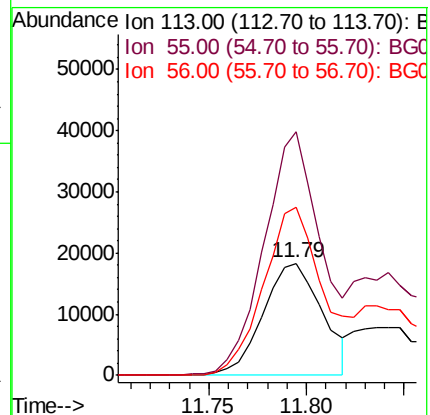
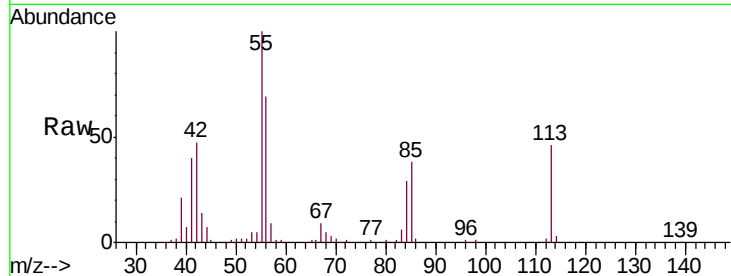
Tgt Ion:113 Resp: 38418

Ion Ratio Lower Upper

113 100

55 216.6 197.7 237.7

56 149.6 131.7 171.7



#36

4-Chloro-3-methylphenol

Concen: 44.026 ng

RT: 12.14 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

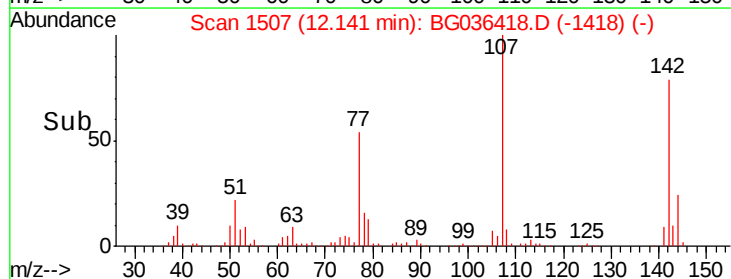
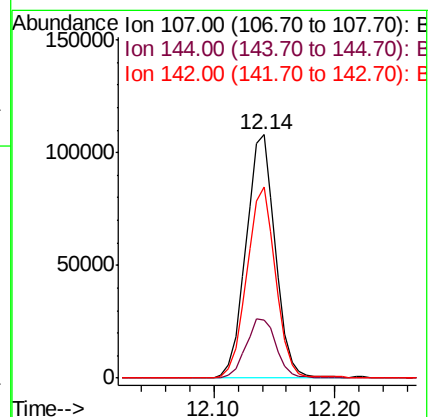
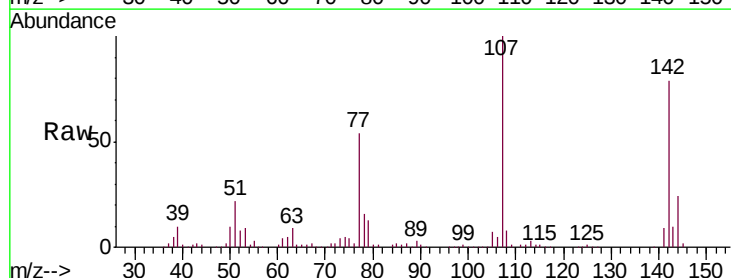
Tgt Ion:107 Resp: 182738

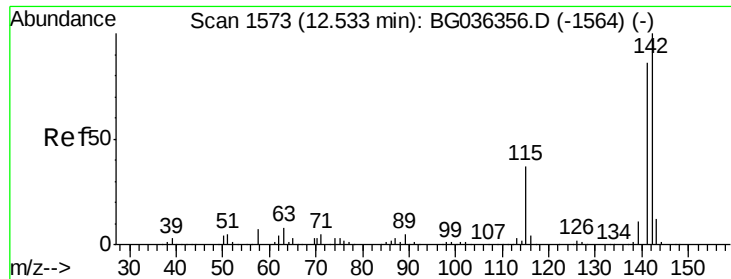
Ion Ratio Lower Upper

107 100

144 23.8 19.5 29.3

142 78.5 62.4 93.6

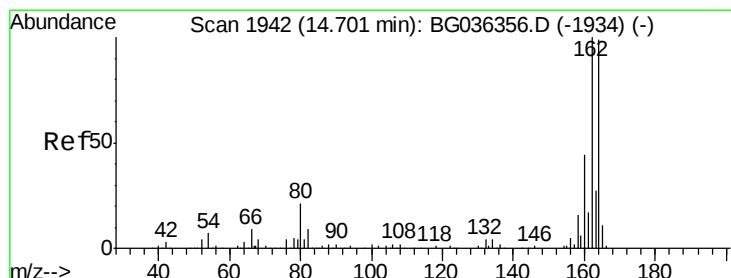
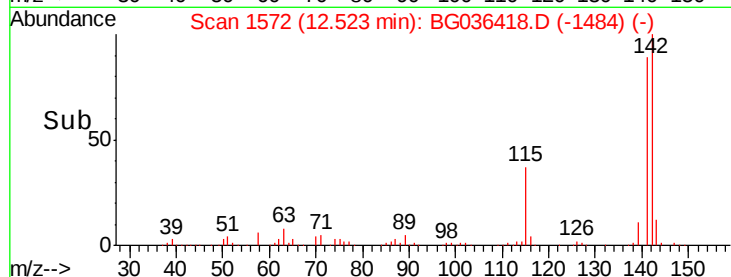
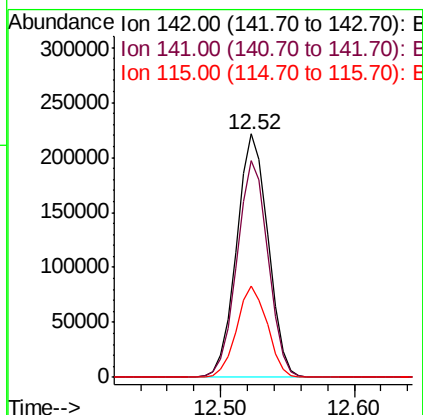
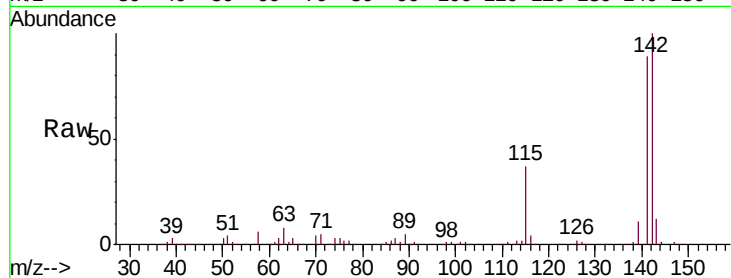




#37
2-Methylnaphthalene
Concen: 44.128 ng
RT: 12.52 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

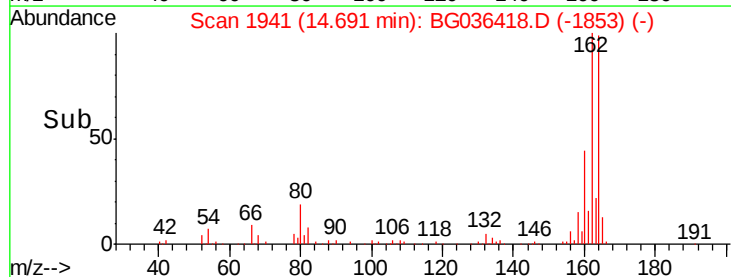
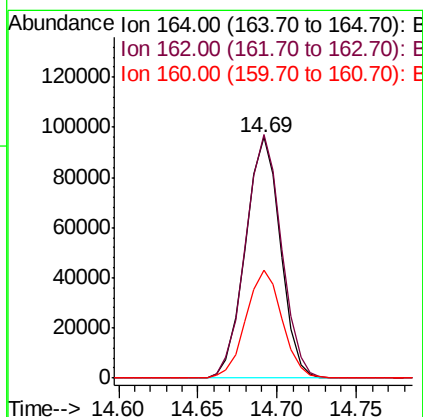
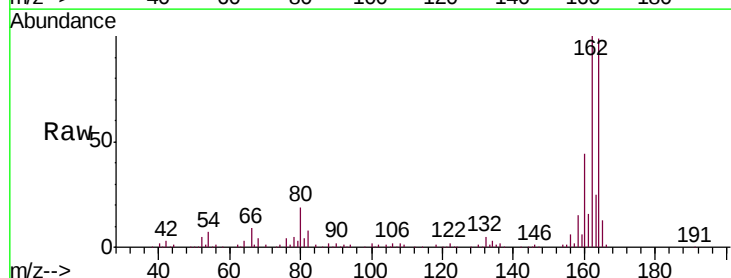
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

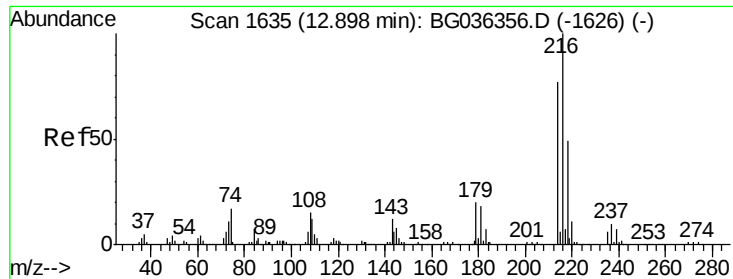
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	68.5	102.7
115	37.4	29.8	44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.7	121.1
160	44.9	35.3	52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.311 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

Tgt Ion:216 Resp: 205140

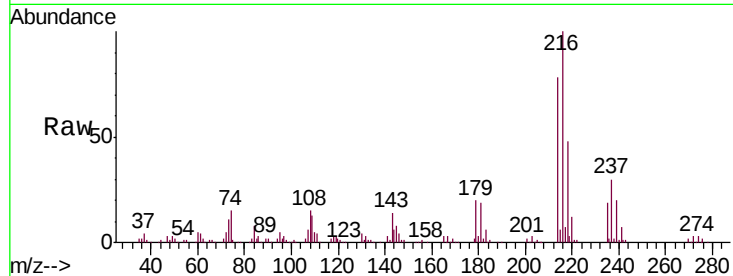
Ion Ratio Lower Upper

216 100

214 76.4 61.0 91.6

179 19.5 15.7 23.5

108 17.8 13.1 19.7

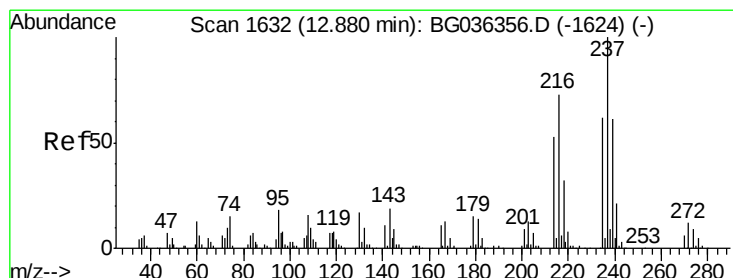
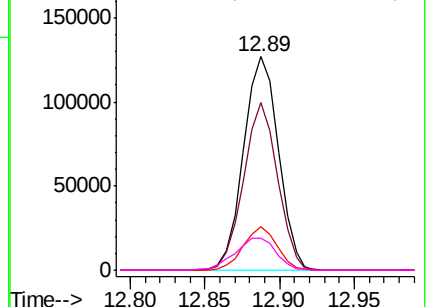
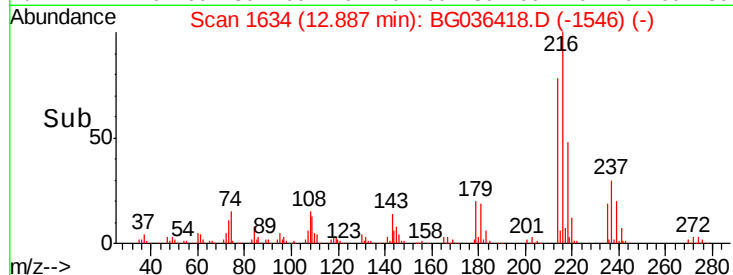


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.627 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

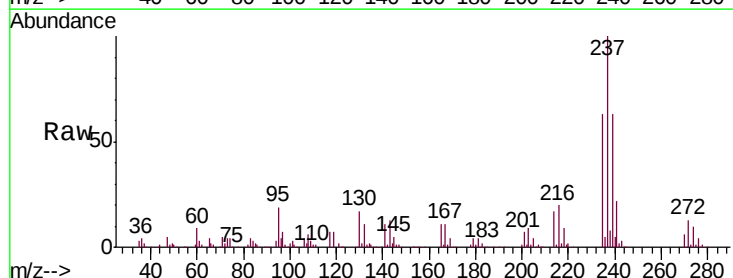
Tgt Ion:237 Resp: 254206

Ion Ratio Lower Upper

237 100

235 63.1 42.2 82.2

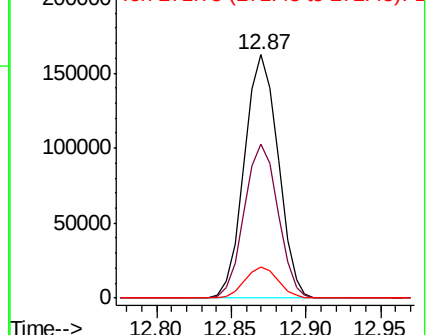
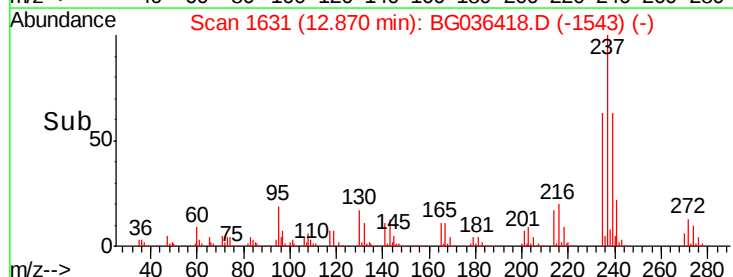
272 12.9 0.0 32.1

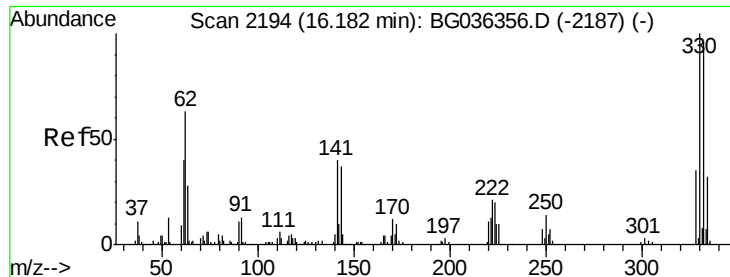


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

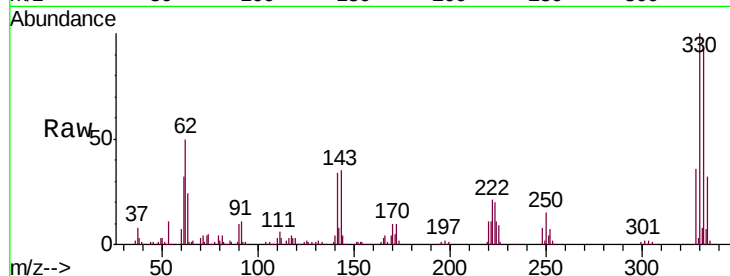




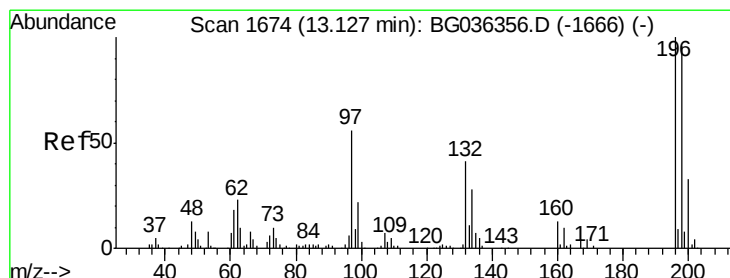
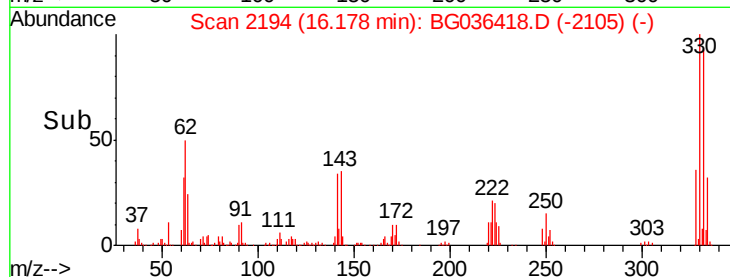
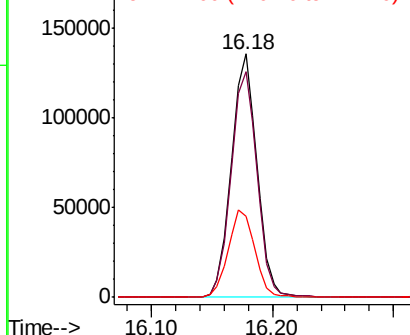
#41
 2,4,6-Tribromophenol
 Concen: 113.940 ng
 RT: 16.18 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion:330 Resp: 200476
 Ion Ratio Lower Upper
 330 100
 332 94.7 75.4 113.2
 141 37.1 30.7 46.1

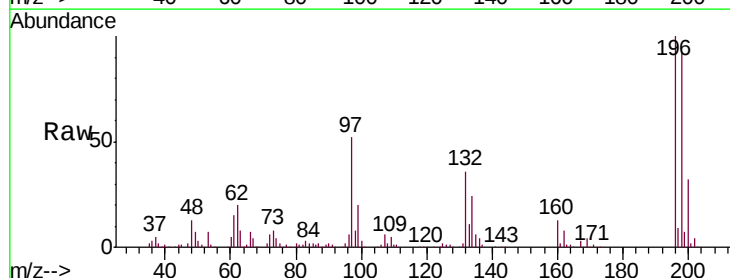


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

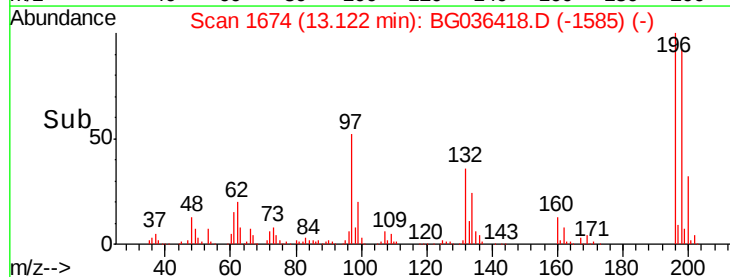
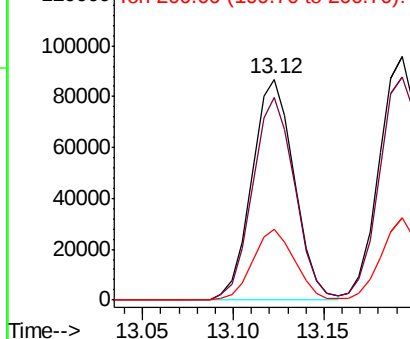


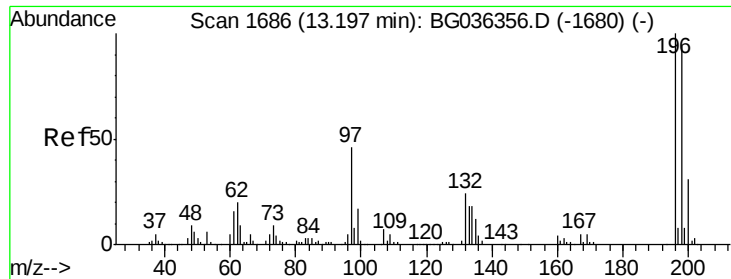
#42
 2,4,6-Trichlorophenol
 Concen: 44.197 ng
 RT: 13.12 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:196 Resp: 140491
 Ion Ratio Lower Upper
 196 100
 198 91.8 77.2 115.8
 200 31.9 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

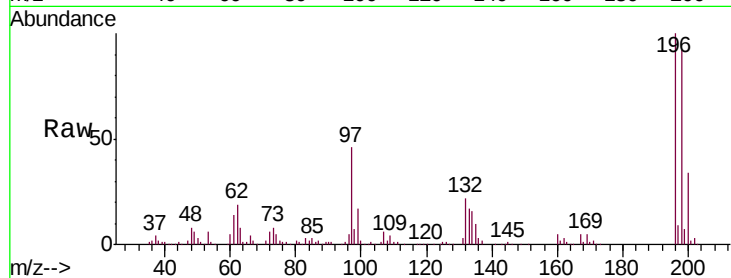




#43
 2,4,5-Trichlorophenol
 Concen: 45.802 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.7	75.6	113.4
97	46.1	37.2	55.8
132	22.3	19.4	29.2



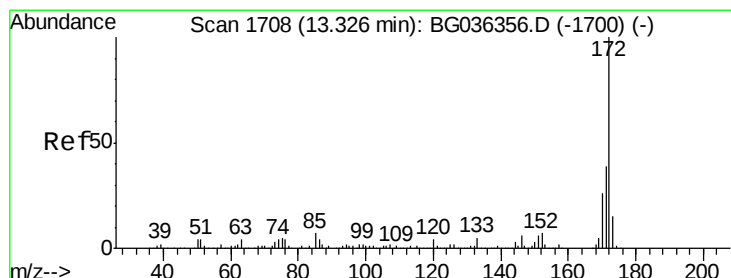
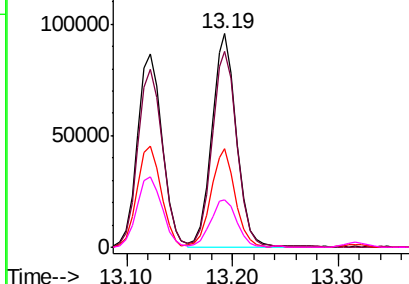
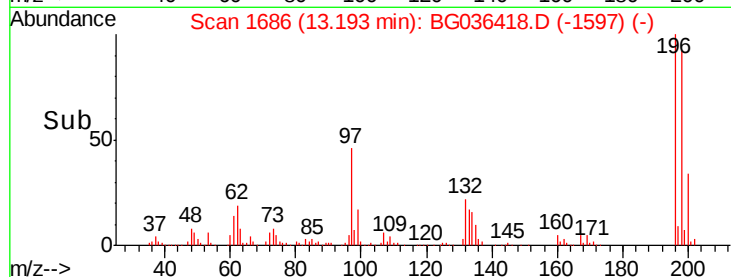
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

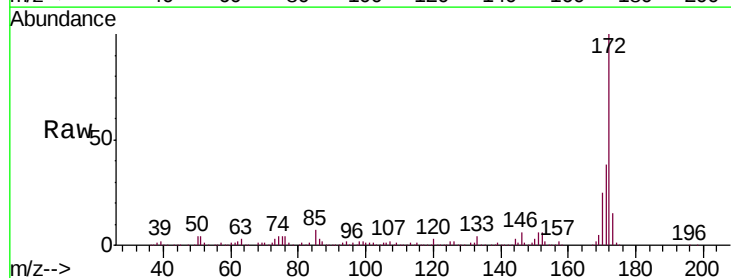
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.657 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.3	46.9
170	25.5	21.0	31.6

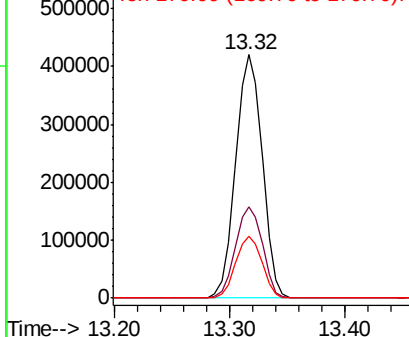
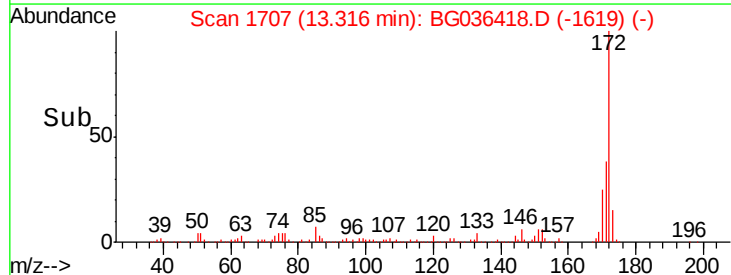


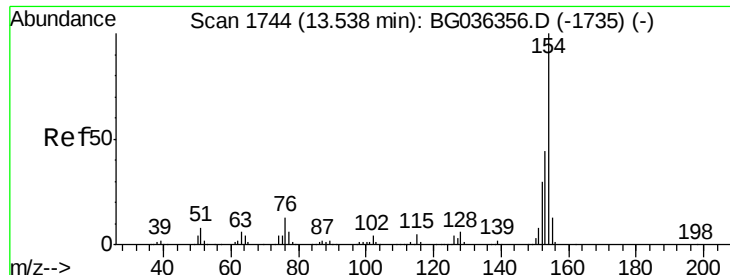
Abundance

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

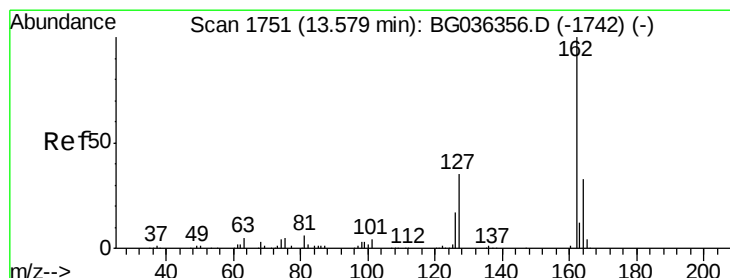
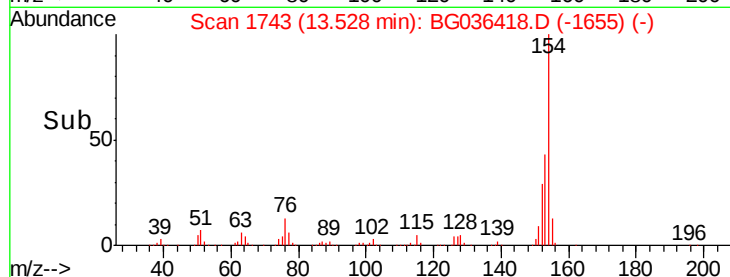
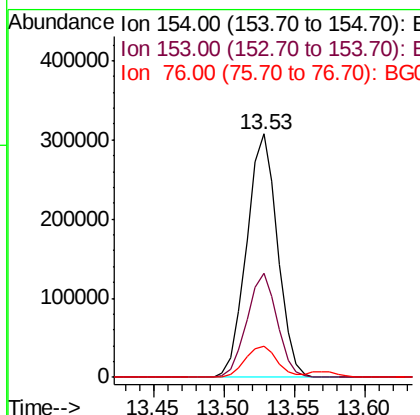
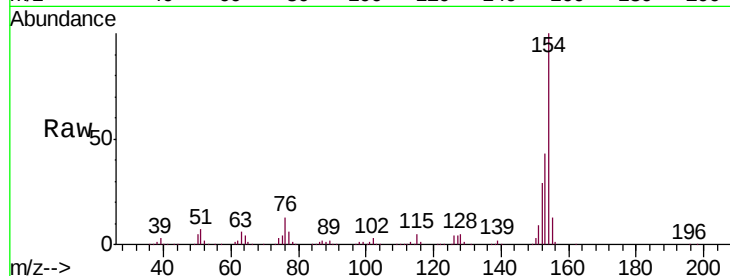




#45
 1,1'-Biphenyl
 Concen: 38.492 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

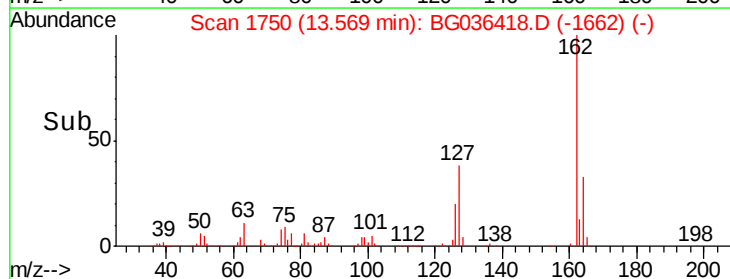
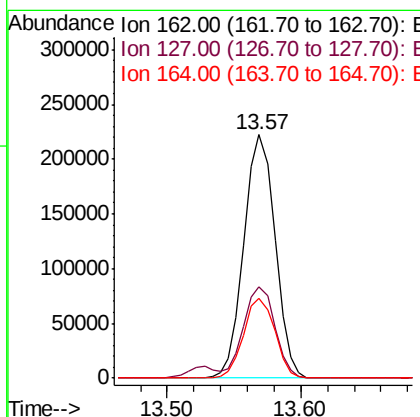
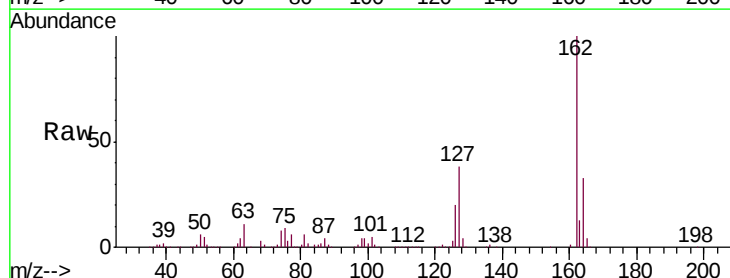
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

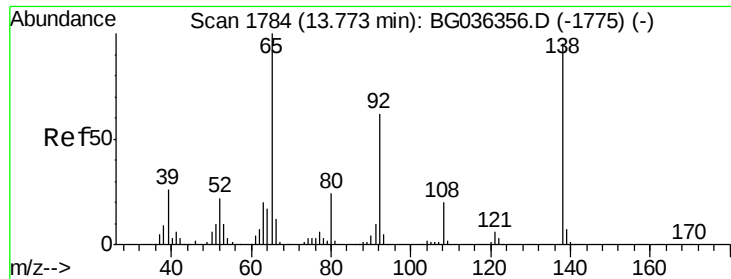
Tgt Ion:	154	Resp:	471147
Ion	Ratio	Lower	Upper
154	100		
153	42.7	24.0	64.0
76	12.6	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.452 ng
 RT: 13.57 min Scan# 1750
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:	162	Resp:	359303
Ion	Ratio	Lower	Upper
162	100		
127	37.6	30.7	46.1
164	32.9	26.7	40.1

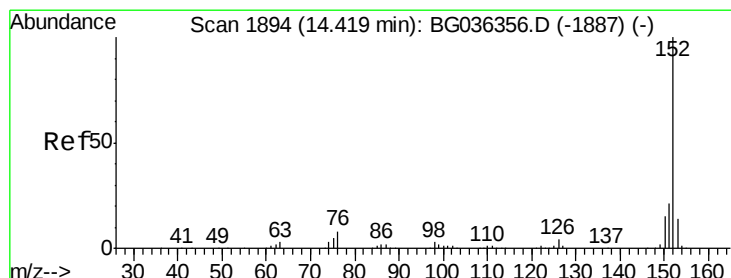
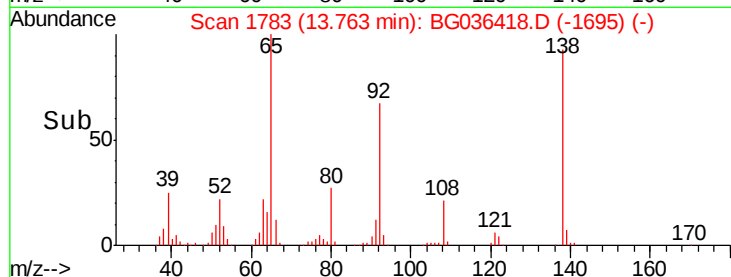
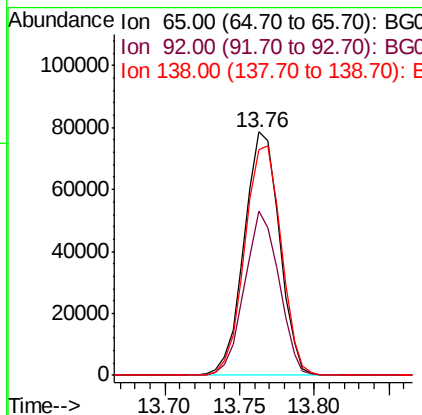
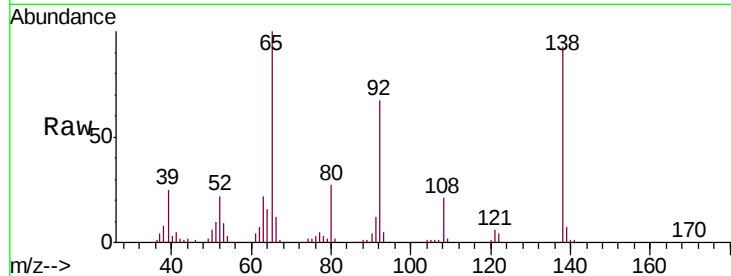




#47
2-Nitroaniline
Concen: 43.864 ng
RT: 13.76 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

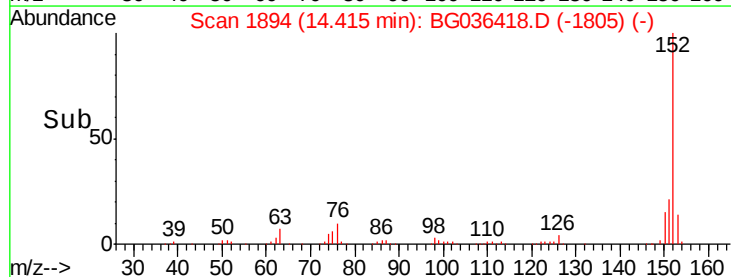
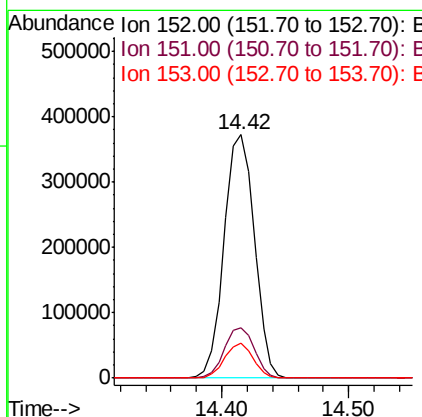
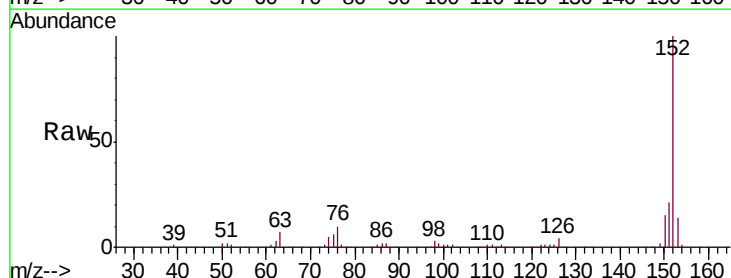
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

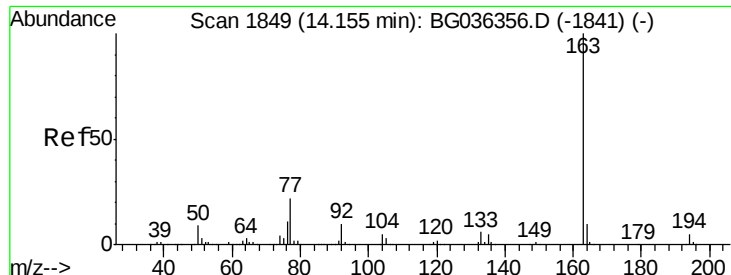
Tgt Ion: 65 Resp: 128708
Ion Ratio Lower Upper
65 100
92 67.2 49.9 74.9
138 92.7 76.2 114.4



#48
Acenaphthylene
Concen: 42.214 ng
RT: 14.42 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion: 152 Resp: 616482
Ion Ratio Lower Upper
152 100
151 20.9 16.9 25.3
153 14.2 11.2 16.8





#49

Dimethylphthalate

Concen: 41.242 ng

RT: 14.14 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

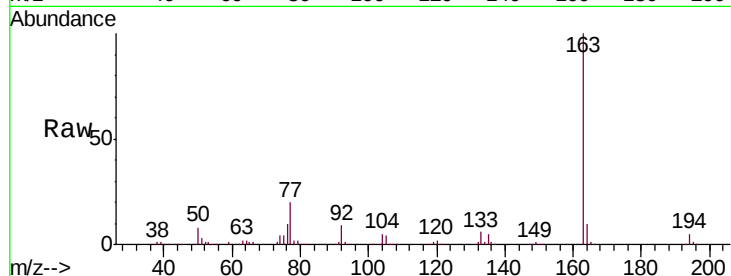
Tgt Ion:163 Resp: 496587

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

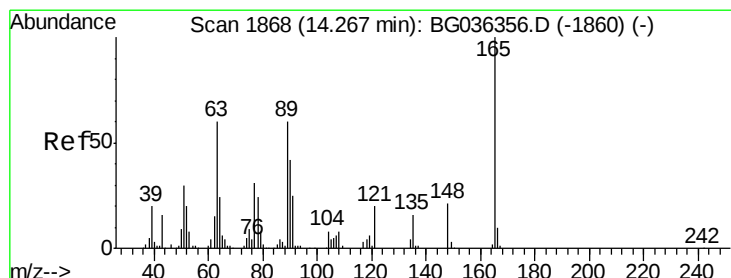
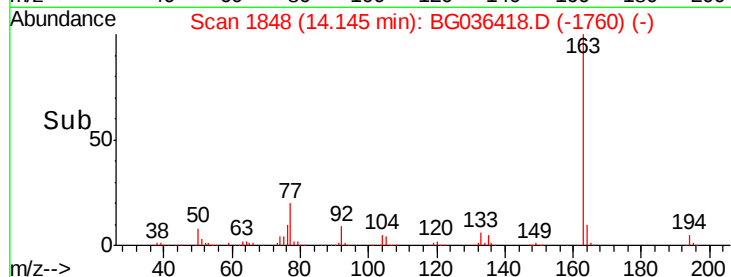
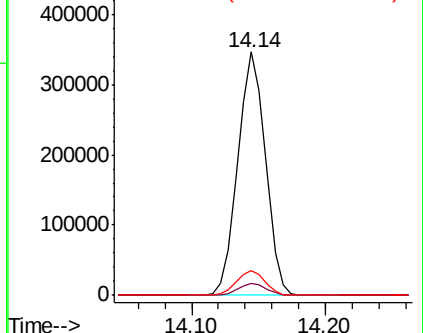
164 10.2 8.1 12.1



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: 44.631 ng

RT: 14.26 min Scan# 1868

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

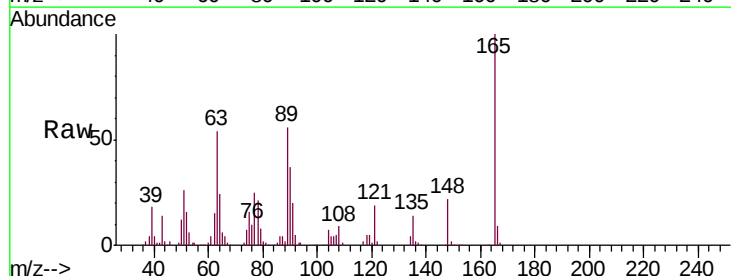
Tgt Ion:165 Resp: 110581

Ion Ratio Lower Upper

165 100

63 53.6 50.1 75.1

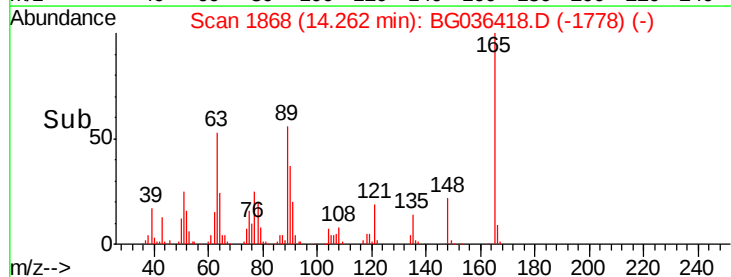
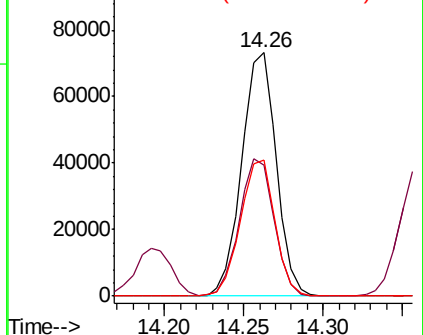
89 55.9 47.8 71.6

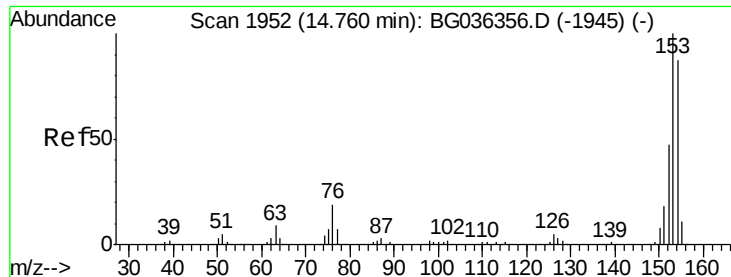


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.205 ng

RT: 14.76 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

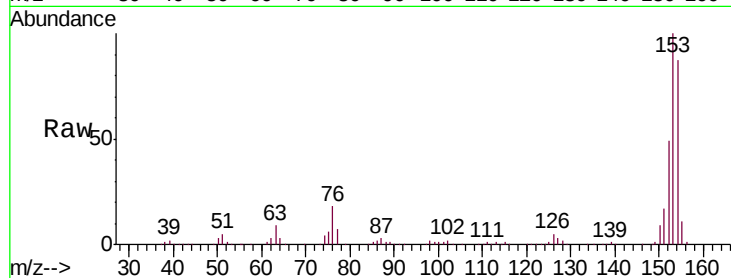
Tgt Ion:154 Resp: 404090

Ion Ratio Lower Upper

154 100

153 115.2 91.8 137.6

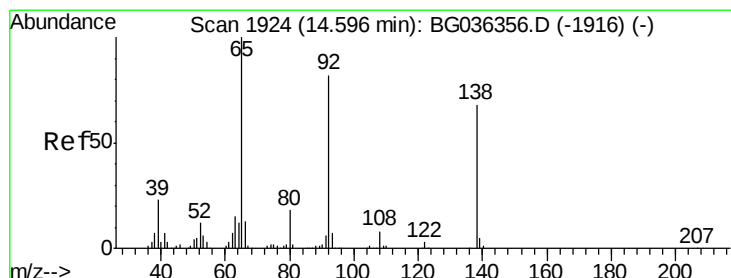
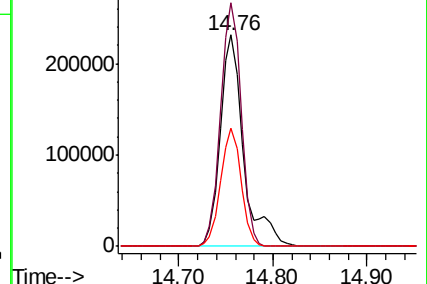
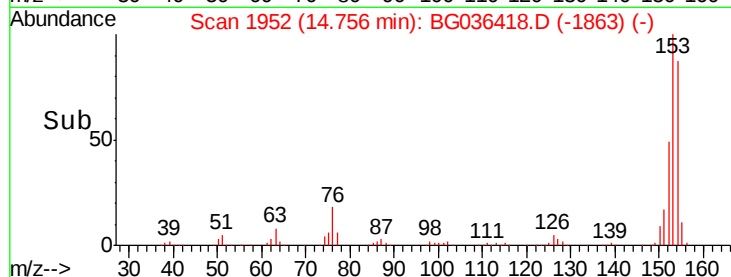
152 55.9 43.5 65.3



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: 31.637 ng

RT: 14.59 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

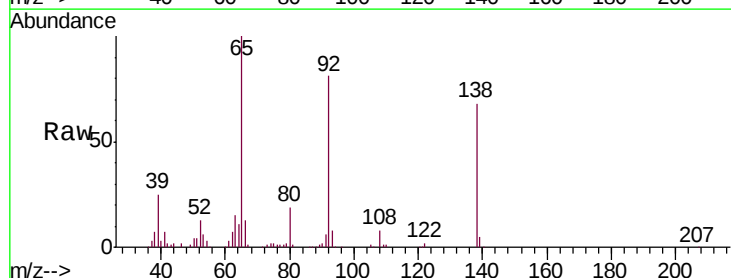
Tgt Ion:138 Resp: 84470

Ion Ratio Lower Upper

138 100

108 11.4 9.4 14.2

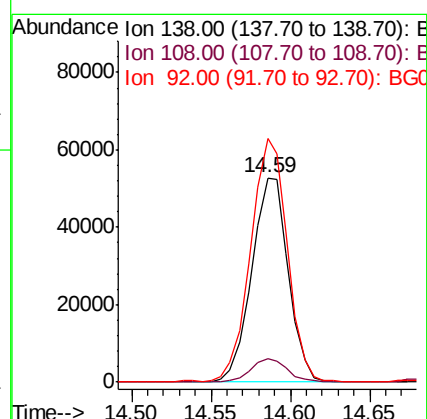
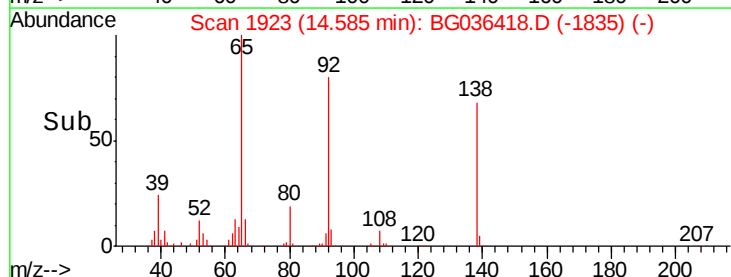
92 119.0 96.8 145.2

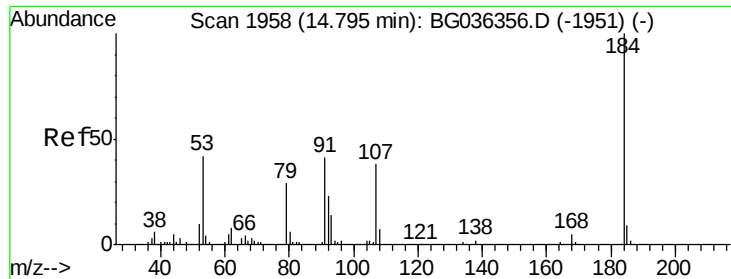


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

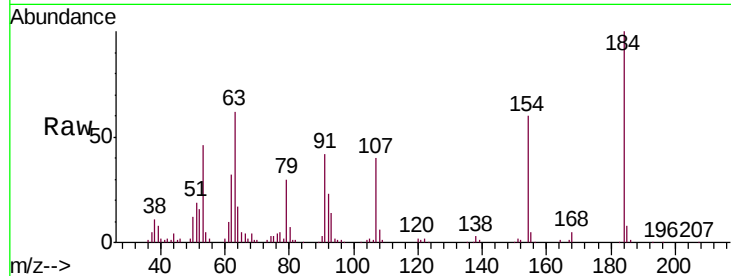




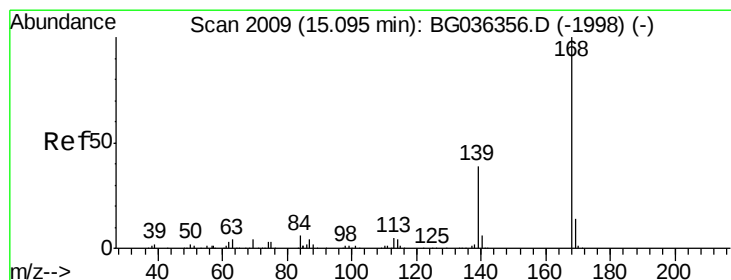
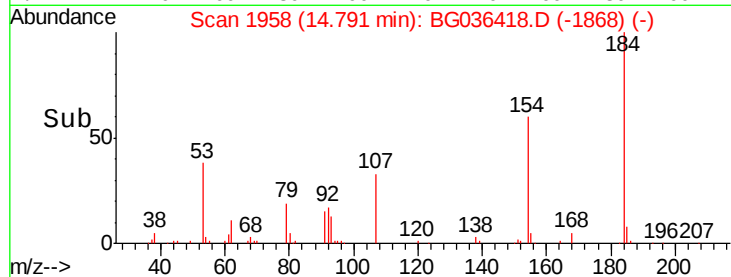
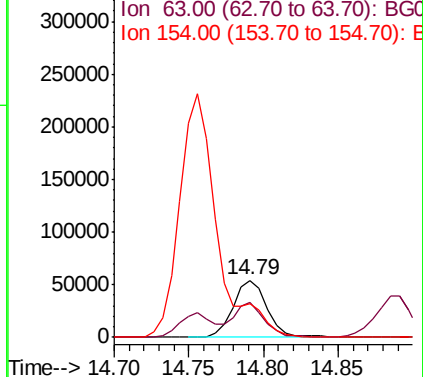
#53
2,4-Dinitrophenol
Concen: 90.765 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Instrument :
BNA_G
ClientSampleId :
PB112350BSD

Tgt Ion:184 Resp: 85181
Ion Ratio Lower Upper
184 100
63 61.8 47.3 70.9
154 59.7 51.1 76.7

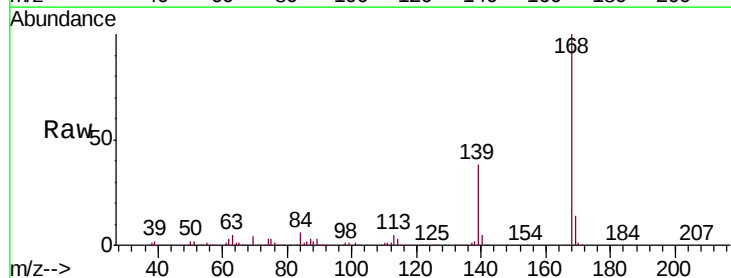


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

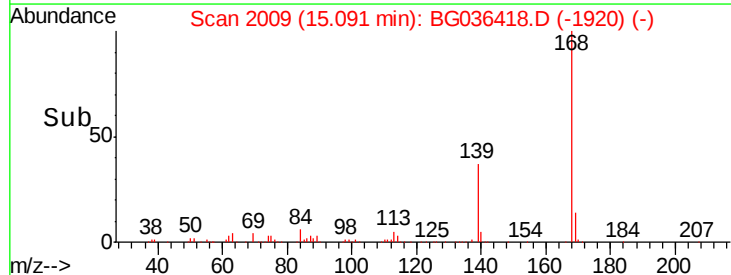
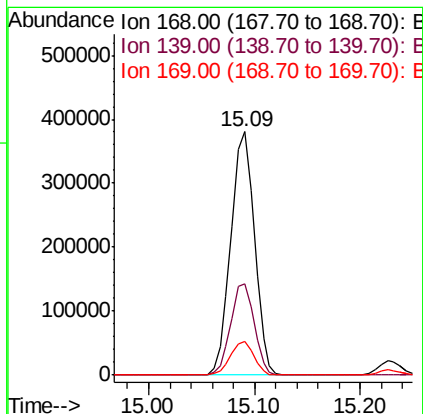


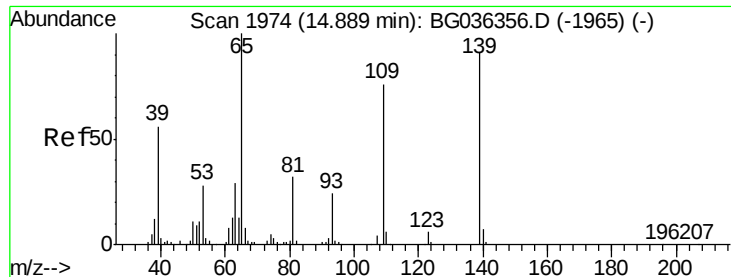
#54
Dibenzofuran
Concen: 40.088 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion:168 Resp: 587398
Ion Ratio Lower Upper
168 100
139 37.6 31.0 46.6
169 14.0 11.1 16.7



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

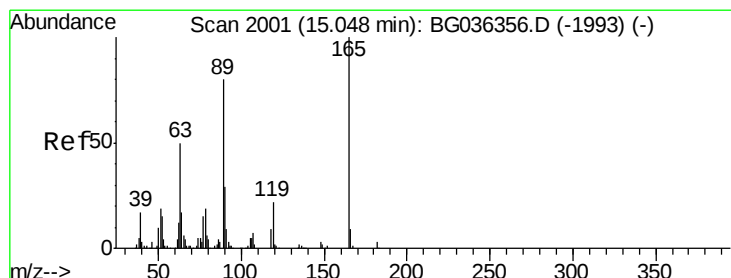
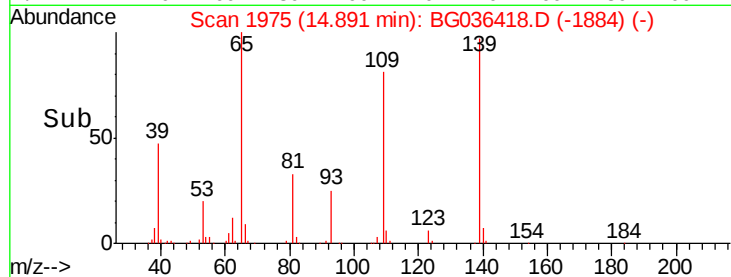
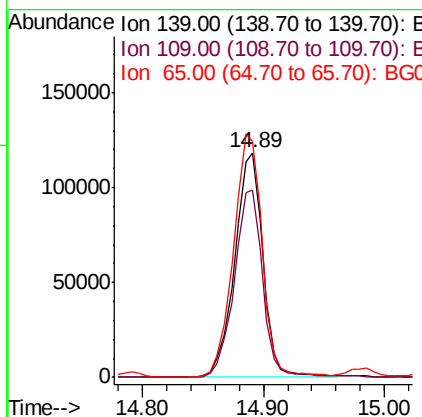
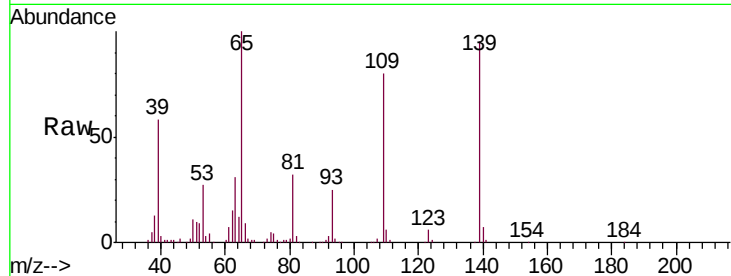




#55
4-Nitrophenol
Concen: 88.371 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

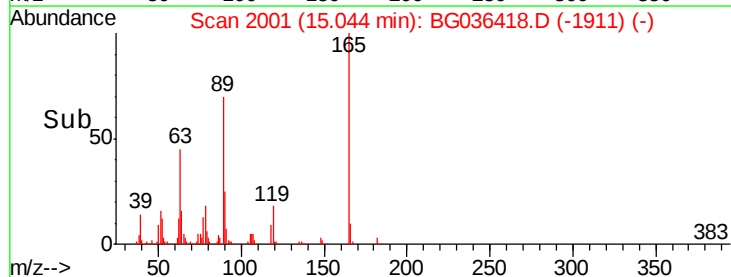
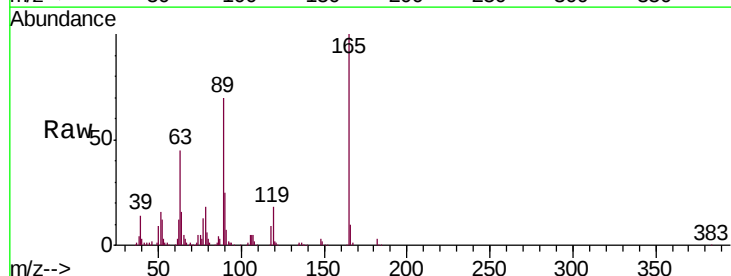
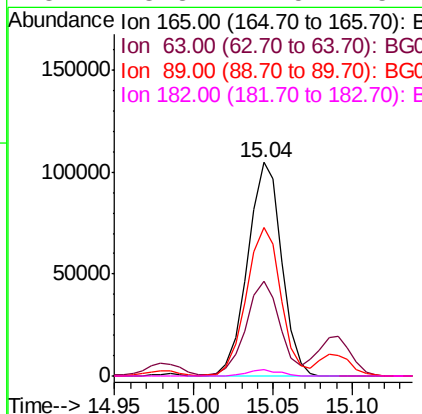
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

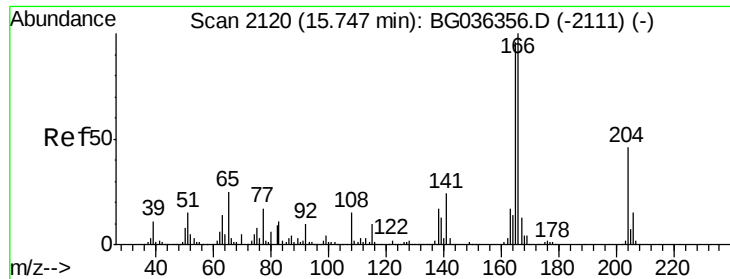
Tgt Ion	Ratio	Lower	Upper
139	100		
109	83.5	63.9	103.9
65	104.9	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 48.298 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
165	100		
63	44.5	40.1	60.1
89	69.8	63.7	95.5
182	3.3	2.5	3.7





#57

Fluorene

Concen: 42.975 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

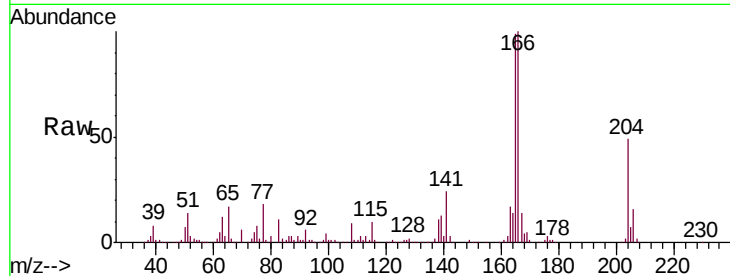
Tgt Ion:166 Resp: 470741

Ion Ratio Lower Upper

166 100

165 98.6 77.0 115.4

167 14.2 10.6 16.0

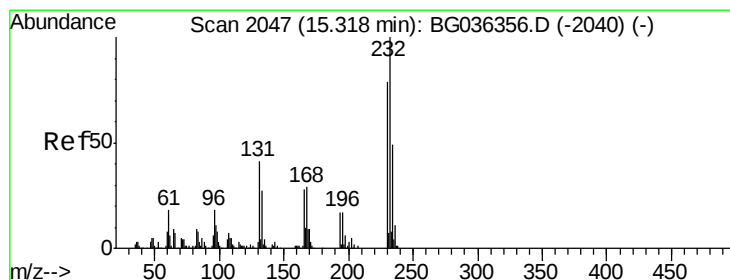
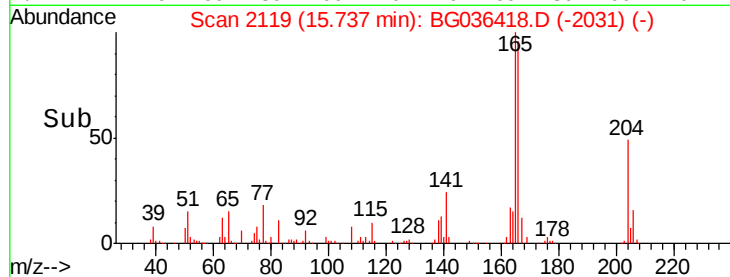
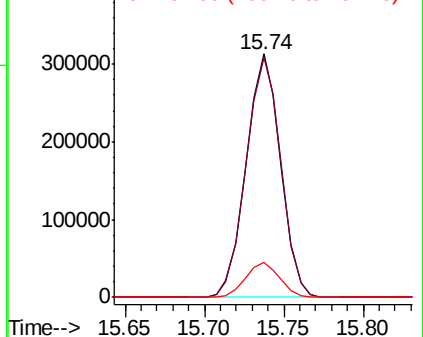


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.188 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Tgt Ion:232 Resp: 156688

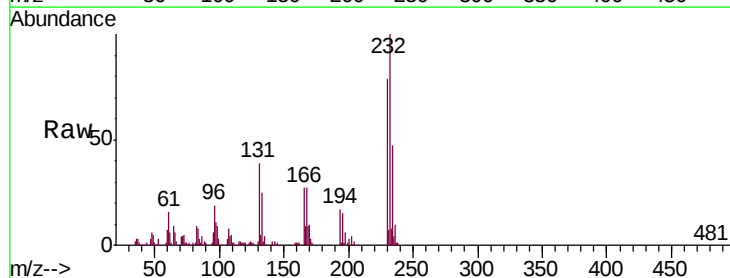
Ion Ratio Lower Upper

232 100

131 38.9 33.8 50.8

130 2.3 2.1 3.1

166 27.5 22.3 33.5



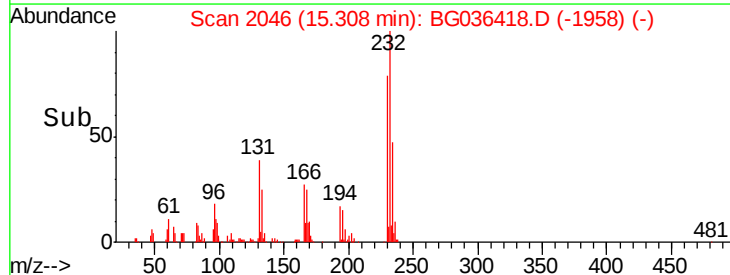
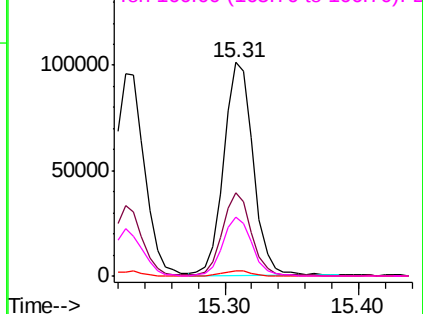
Abundance

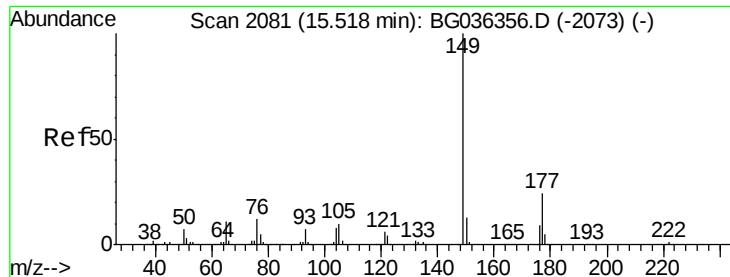
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

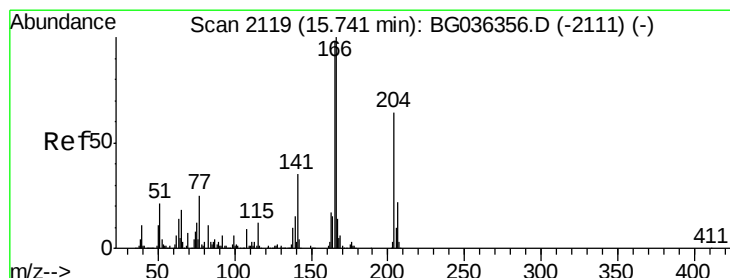
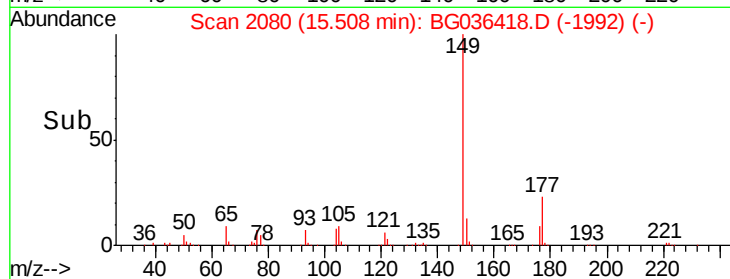
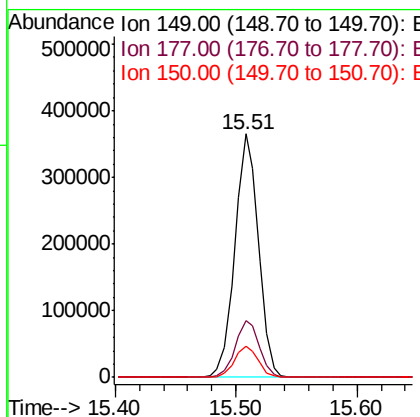
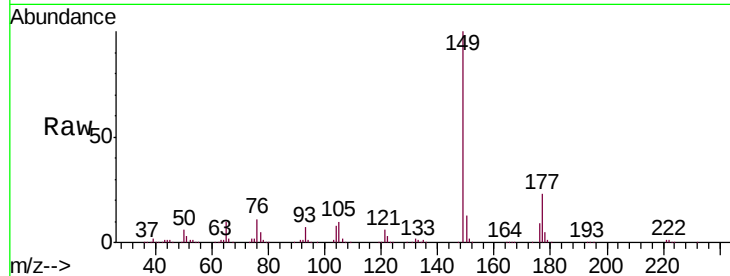




#59
Diethylphthalate
Concen: 40.764 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

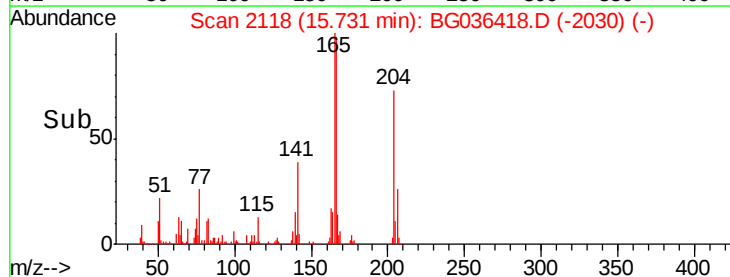
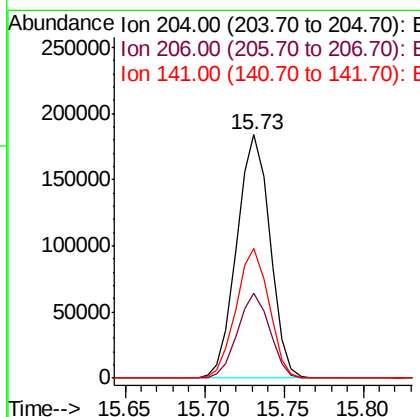
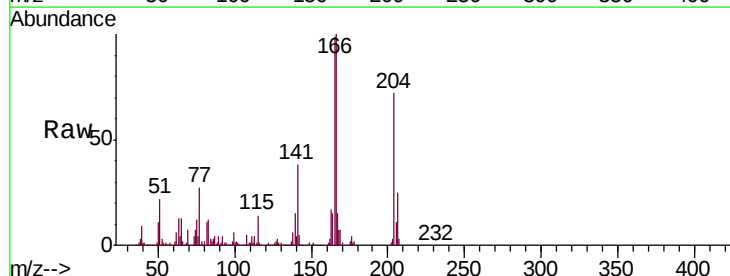
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

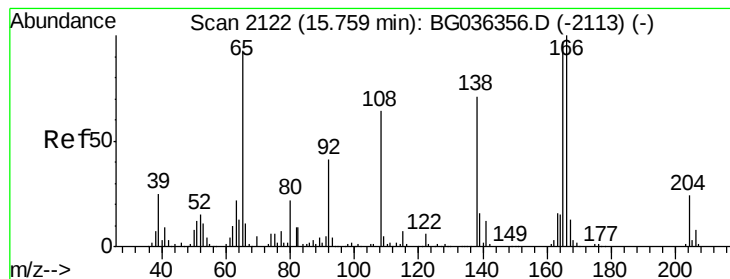
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.2	19.1	28.7
150	12.8	10.7	16.1



#60
4-Chlorophenyl-phenylether
Concen: 39.573 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	27.0	40.4
141	53.3	43.8	65.6





#61

4-Nitroaniline

Concen: 43.294 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

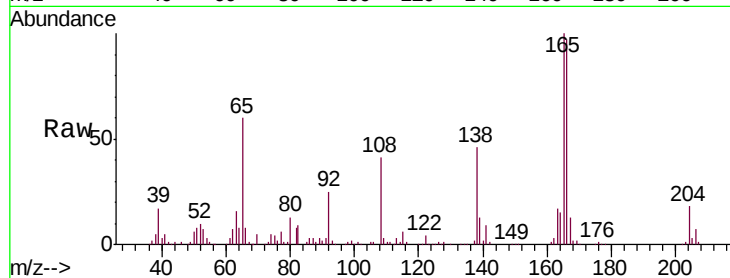
Tgt Ion:138 Resp: 120962

Ion Ratio Lower Upper

138 100

92 53.8 38.5 78.5

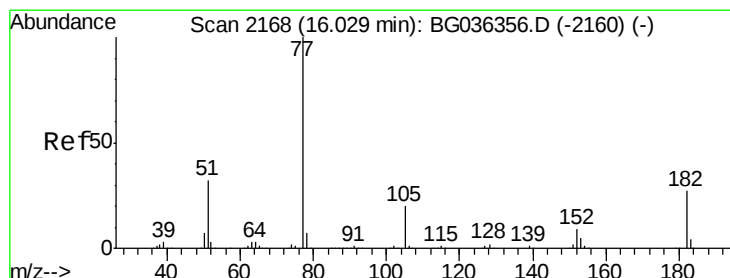
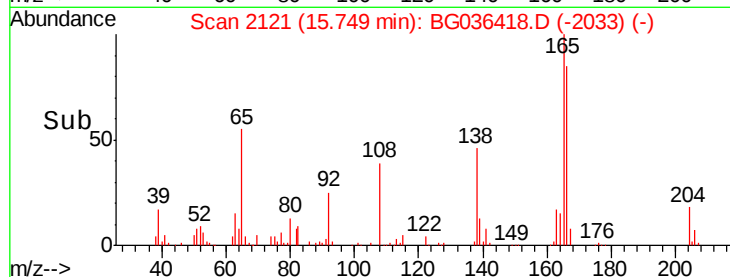
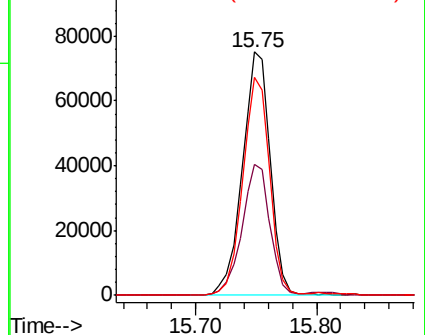
108 89.6 70.3 110.3



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: 39.329 ng

RT: 16.02 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Tgt Ion: 77 Resp: 485574

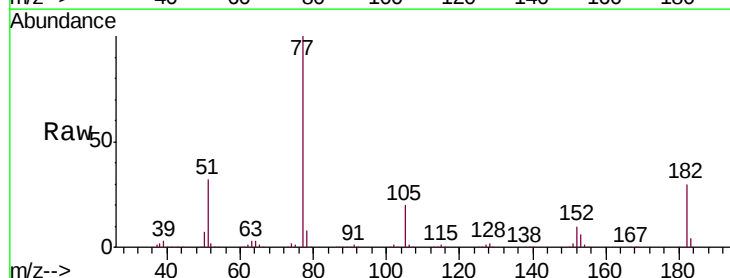
Ion Ratio Lower Upper

77 100

182 29.8 6.7 46.7

105 19.6 0.0 39.8

51 31.6 12.4 52.4

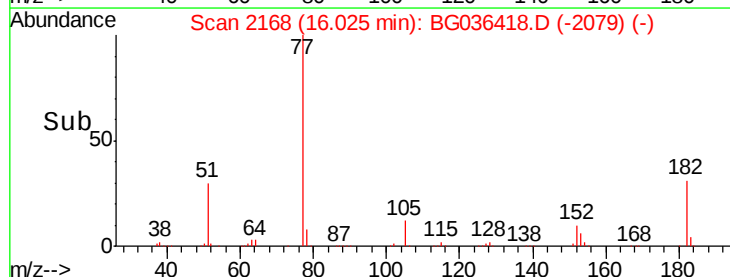
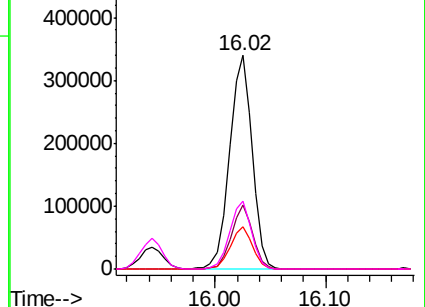


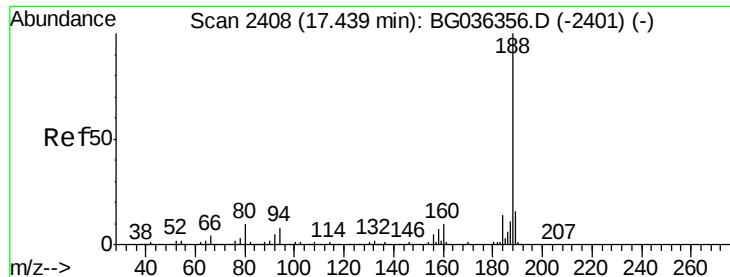
Abundance Ion 77.00 (76.70 to 77.70): BG

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

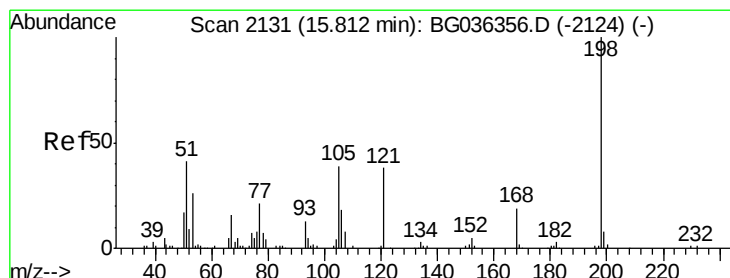
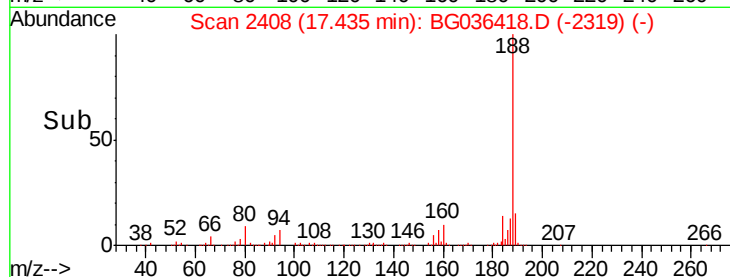
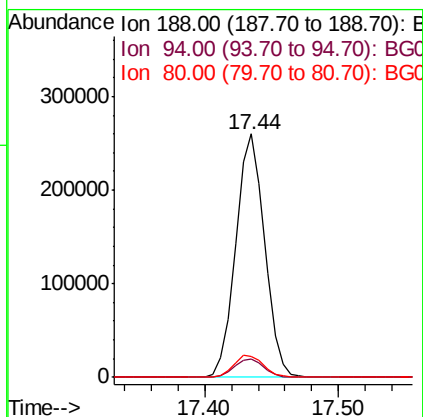
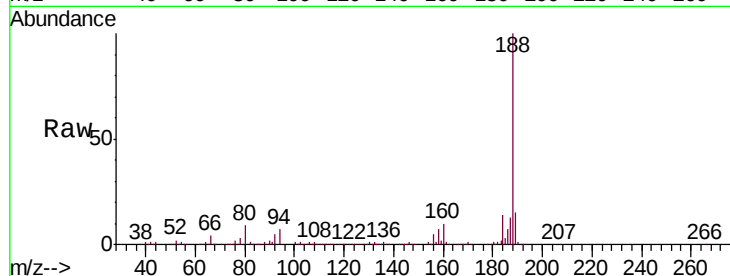




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

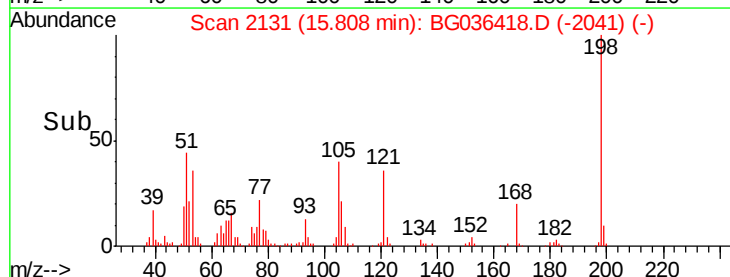
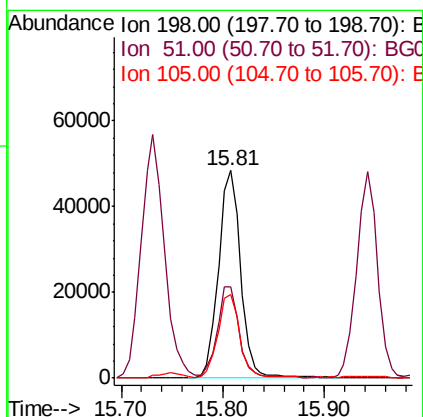
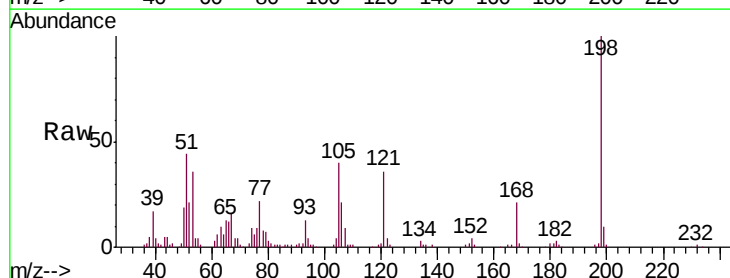
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

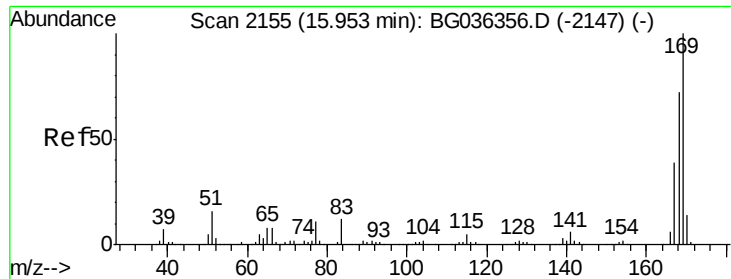
Tgt Ion:188 Resp: 390067
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.6 8.1 12.1



#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.962 ng
 RT: 15.81 min Scan# 2131
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:198 Resp: 73615
 Ion Ratio Lower Upper
 198 100
 51 44.0 26.5 66.5
 105 40.0 20.2 60.2

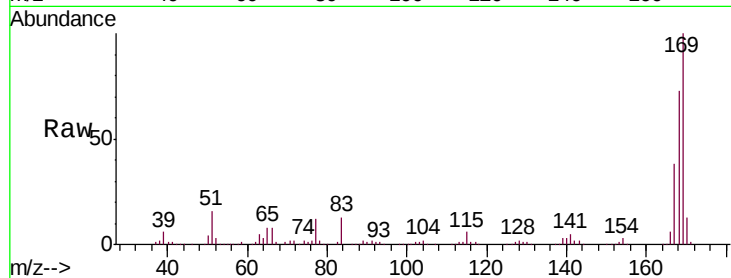




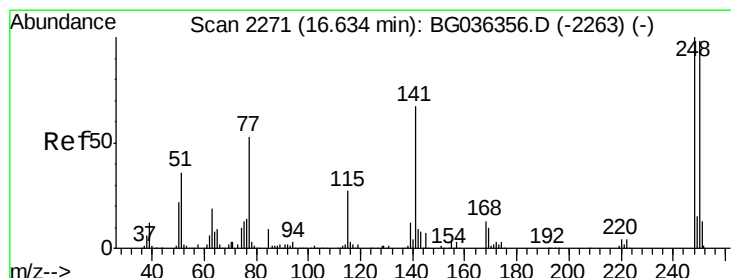
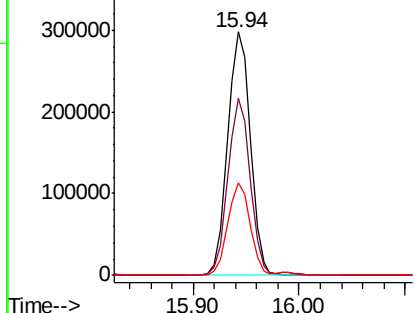
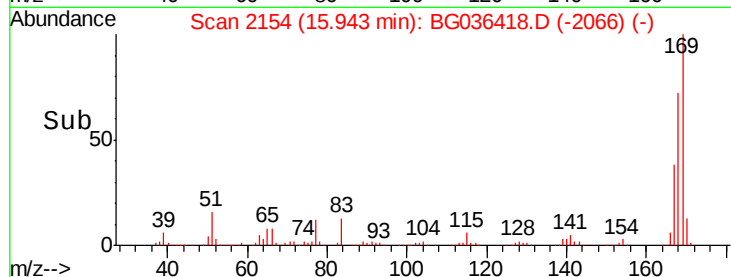
#65
 n-Nitrosodiphenylamine
 Concen: 37.923 ng
 RT: 15.94 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion	Ratio	Lower	Upper
169	100		
168	72.5	57.6	86.4
167	37.8	31.0	46.4

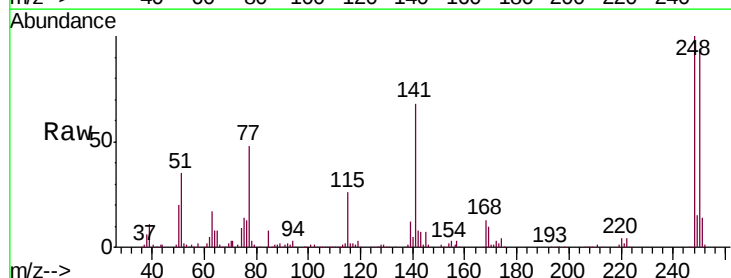


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

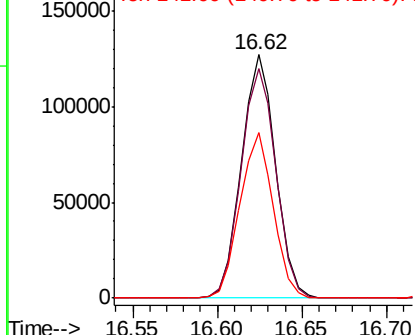
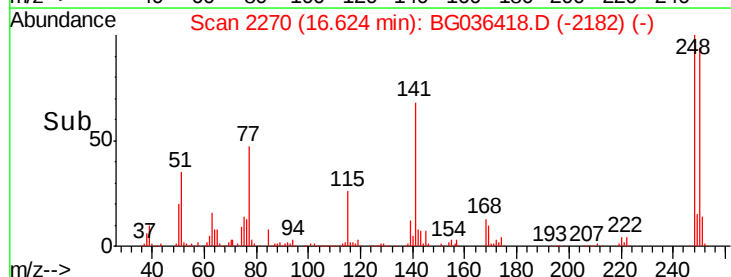


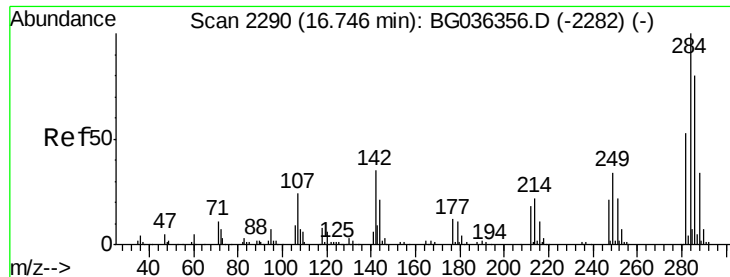
#66
 4-Bromophenyl-phenylether
 Concen: 38.934 ng
 RT: 16.62 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.5	78.1	117.1
141	68.2	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: 39.262 ng

RT: 16.74 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

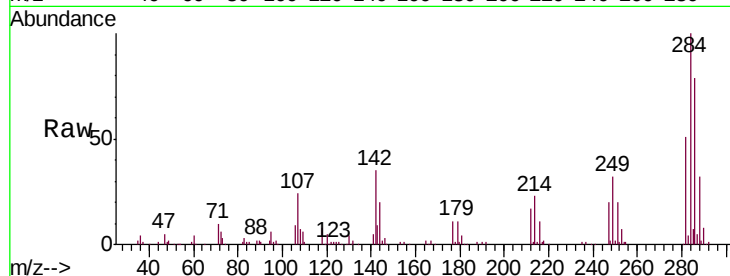
Tgt Ion:284 Resp: 183345

Ion Ratio Lower Upper

284 100

142 35.1 27.8 41.6

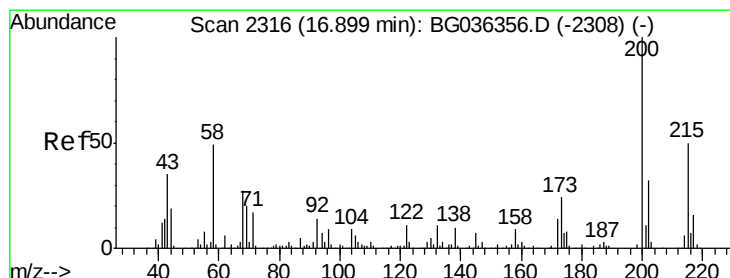
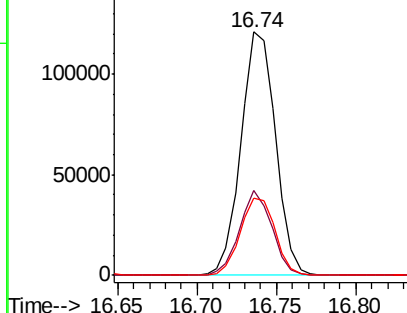
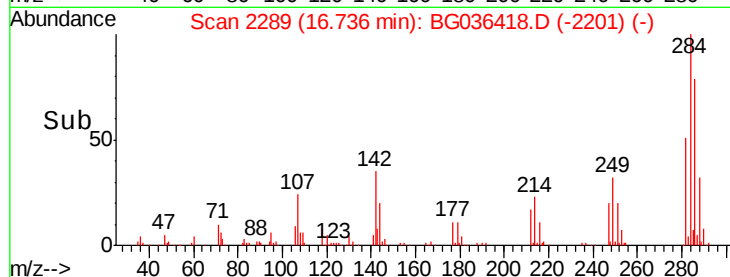
249 31.6 27.4 41.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.839 ng

RT: 16.89 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

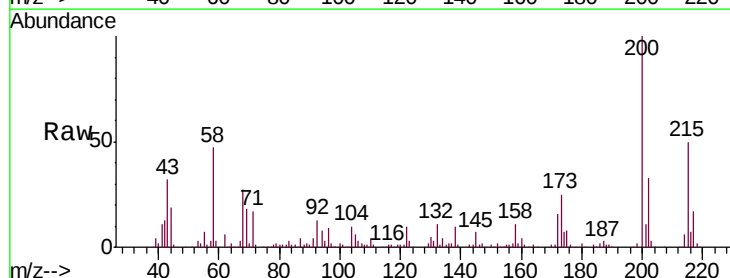
Tgt Ion:200 Resp: 186368

Ion Ratio Lower Upper

200 100

173 24.8 3.9 43.9

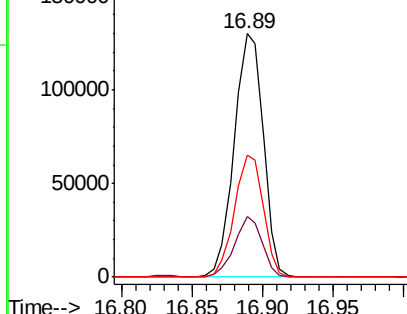
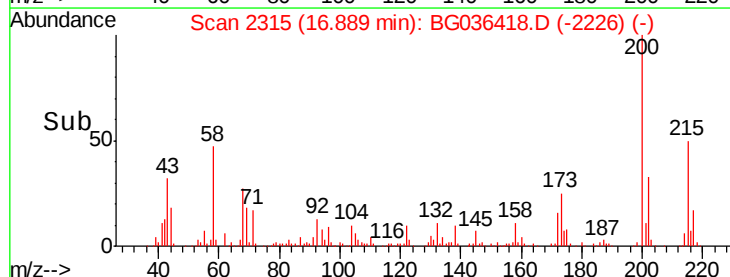
215 50.2 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

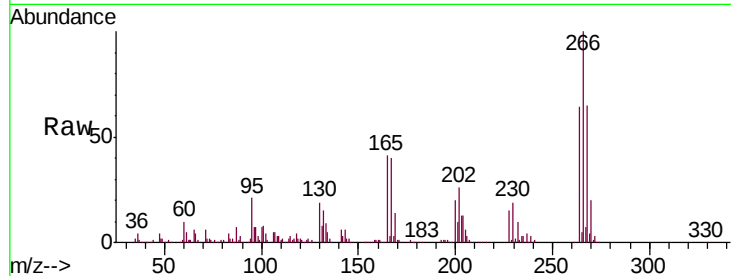




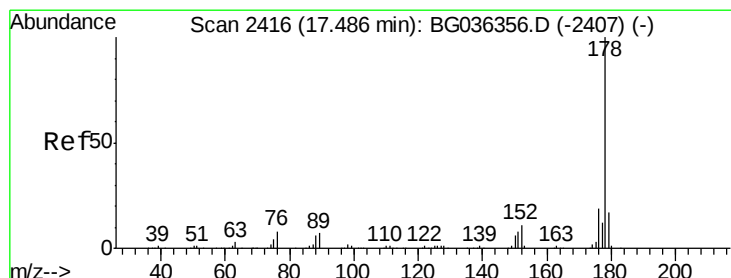
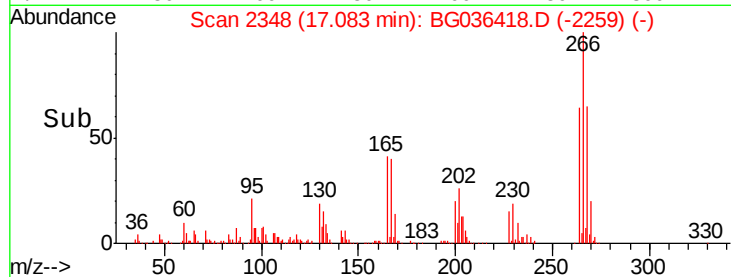
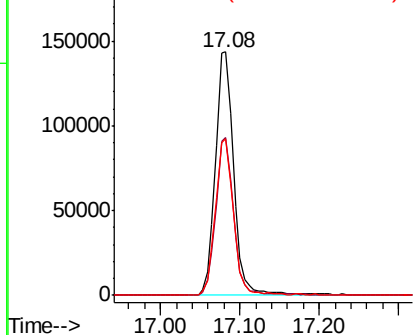
#69
 Pentachlorophenol
 Concen: 72.895 ng
 RT: 17.08 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.4	77.2
264	64.2	48.9	73.3

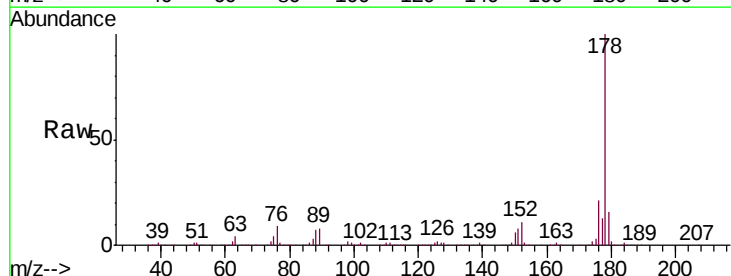


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

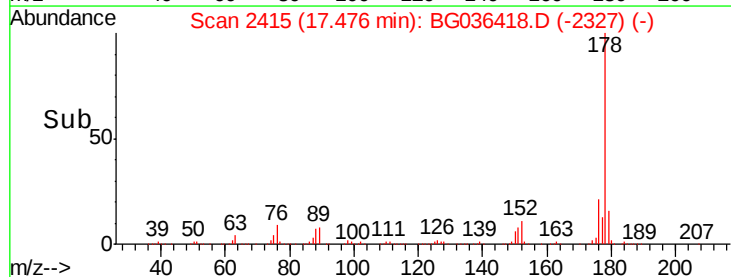
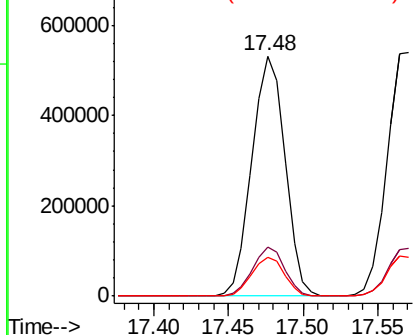


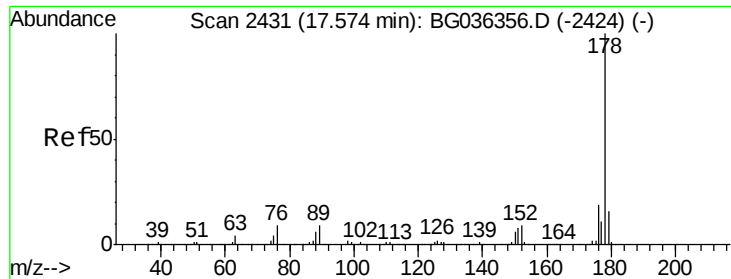
#70
 Phenanthrene
 Concen: 41.124 ng
 RT: 17.48 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	16.0	13.4	20.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

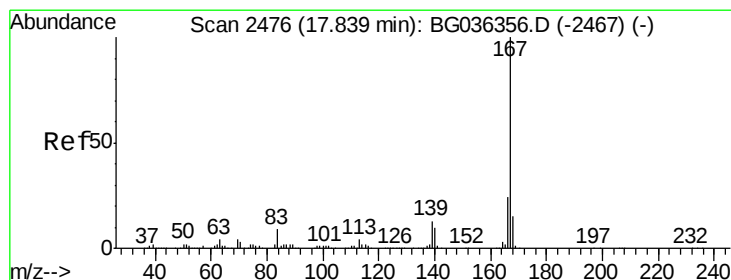
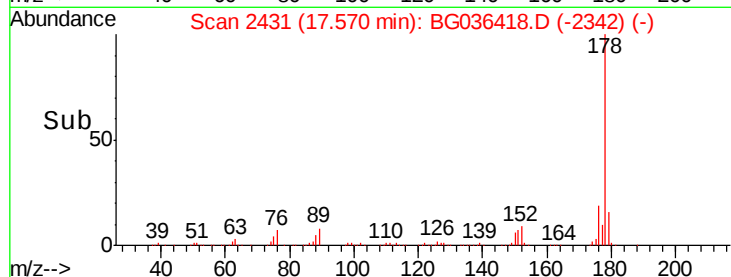
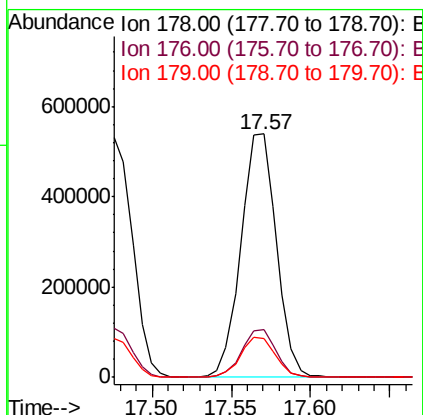
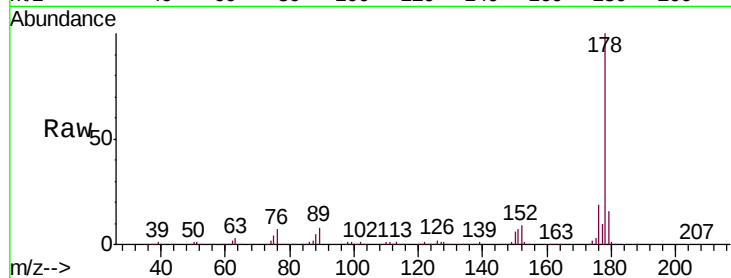




#71
 Anthracene
 Concen: 42.180 ng
 RT: 17.57 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

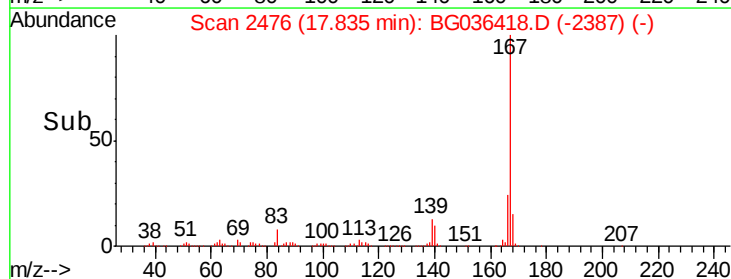
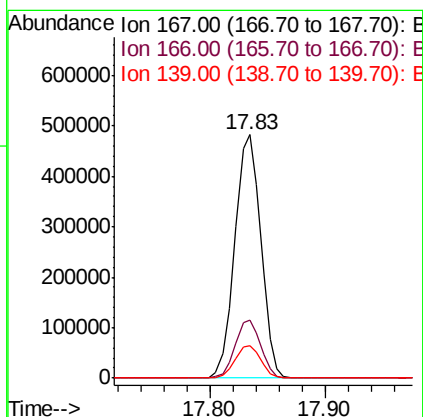
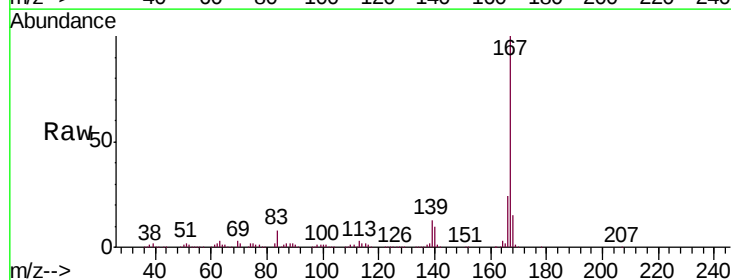
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

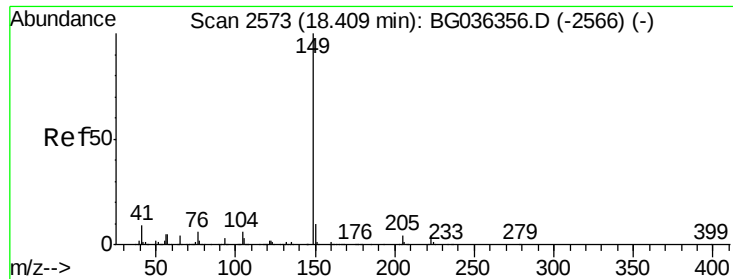
Tgt Ion:178 Resp: 833368
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 16.2 13.0 19.4



#72
 Carbazole
 Concen: 38.109 ng
 RT: 17.83 min Scan# 2476
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:167 Resp: 751945
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.5 29.3
 139 13.2 10.7 16.1

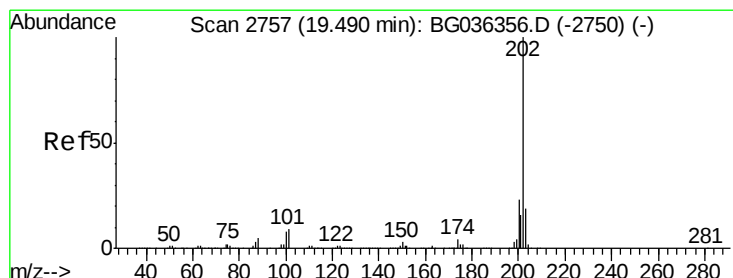
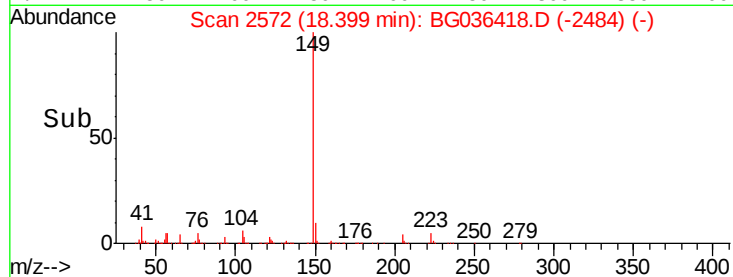
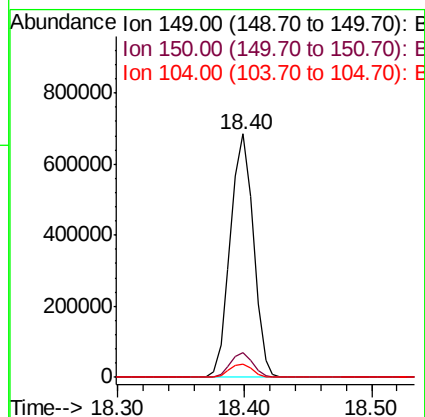
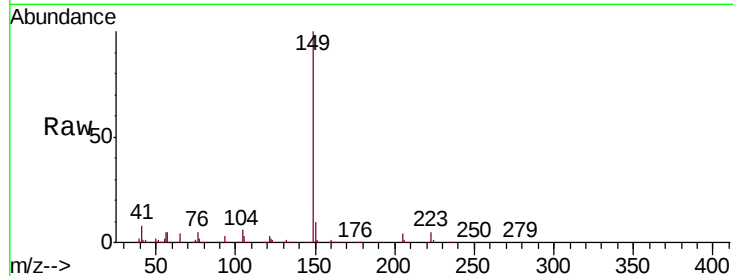




#73
Di-n-butylphthalate
Concen: 39.215 ng
RT: 18.40 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

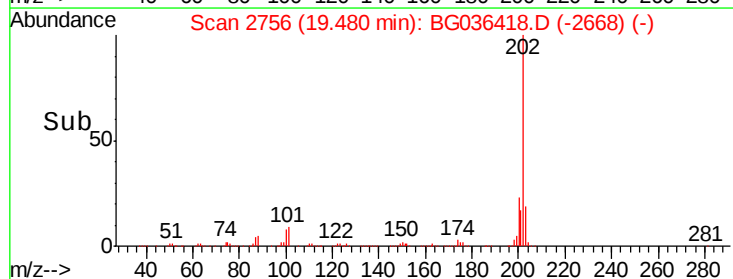
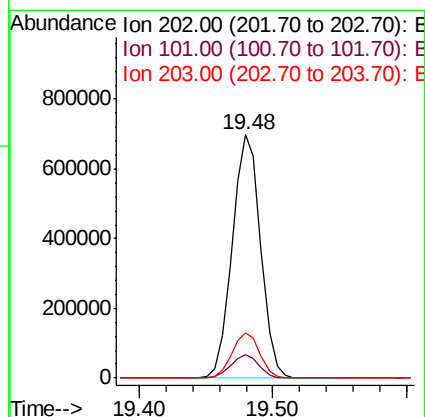
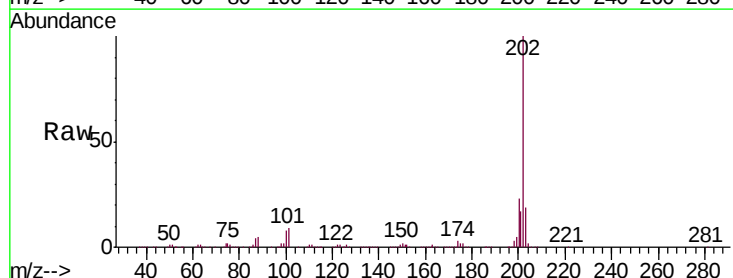
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

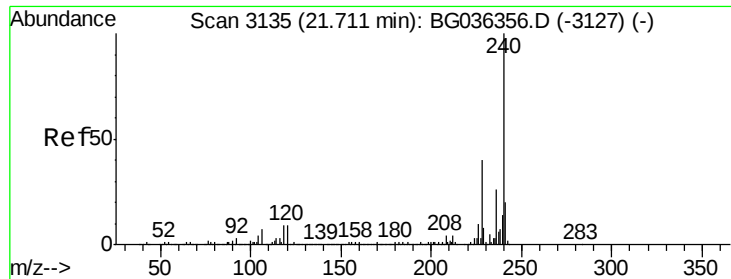
Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	5.6	4.6	6.8



#74
Fluoranthene
Concen: 42.509 ng
RT: 19.48 min Scan# 2756
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.4
203	18.8	0.0	38.9

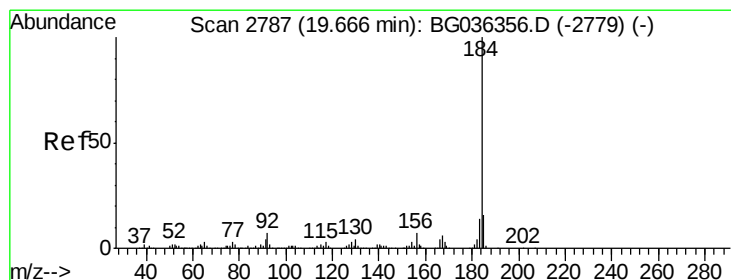
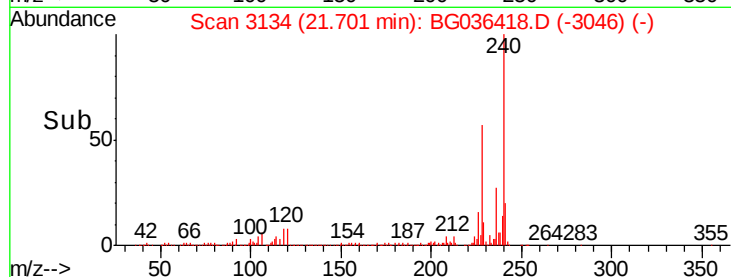
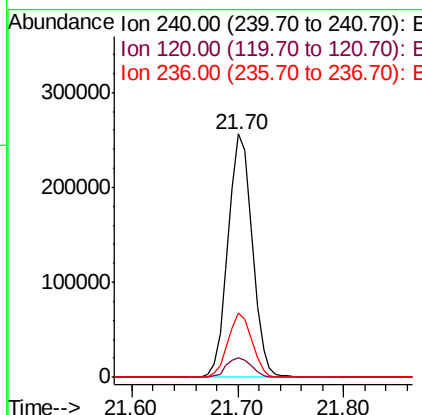
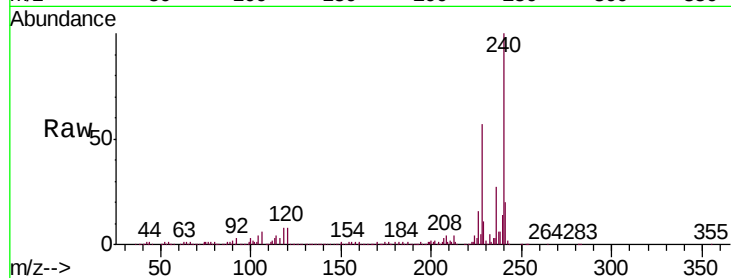




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3134
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

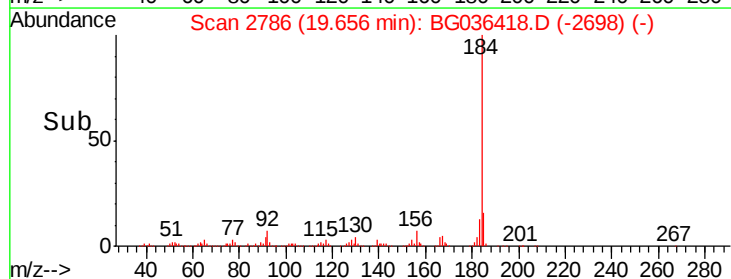
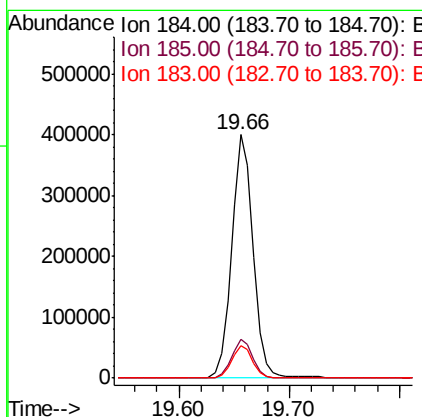
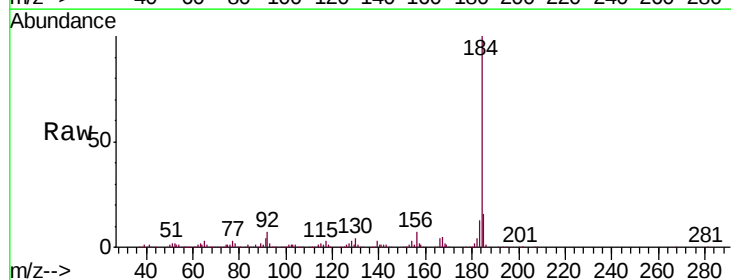
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

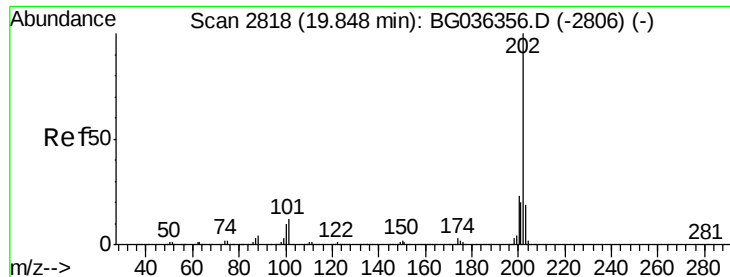
Tgt Ion:240 Resp: 405171
Ion Ratio Lower Upper
240 100
120 7.9 6.9 10.3
236 26.7 21.2 31.8



#76
Benzidine
Concen: 42.076 ng
RT: 19.66 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion:184 Resp: 543905
Ion Ratio Lower Upper
184 100
185 16.2 12.6 18.8
183 13.2 10.9 16.3

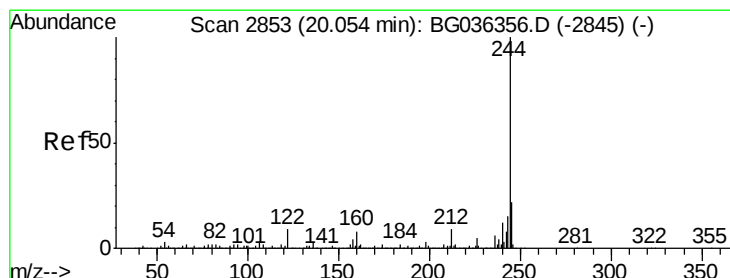
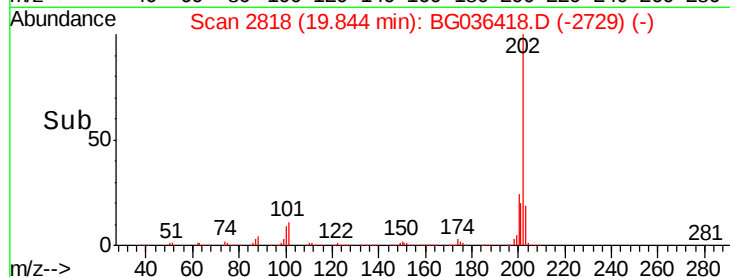
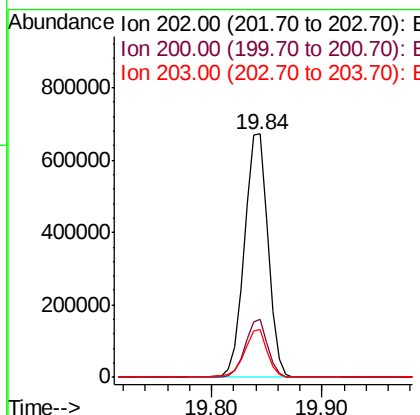
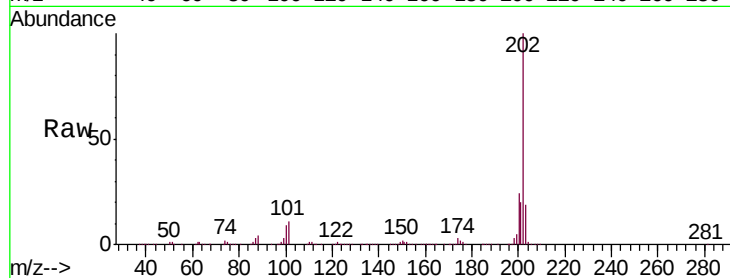




#77
 Pyrene
 Concen: 40.655 ng
 RT: 19.84 min Scan# 2818
 Delta R.T. -0.00 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

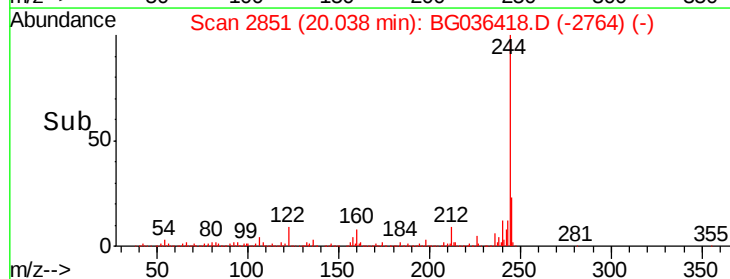
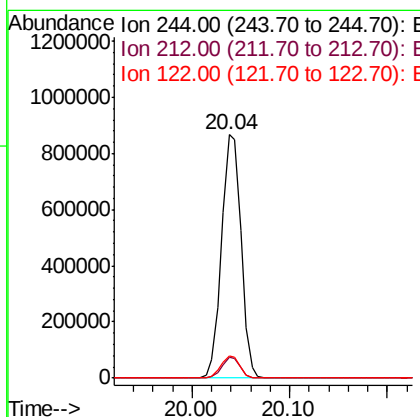
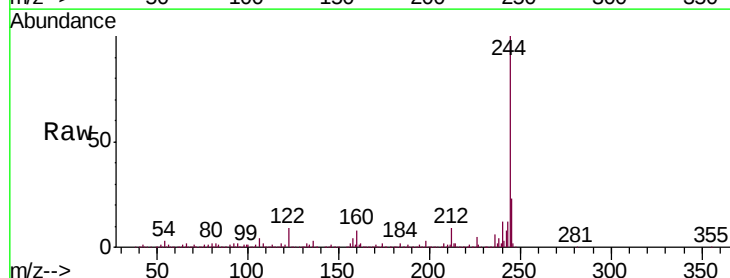
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

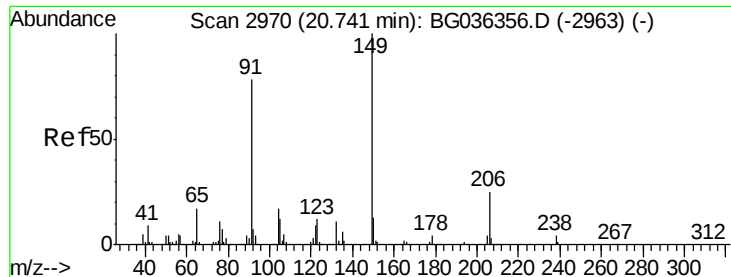
Tgt Ion: 202 Resp: 1012944
 Ion Ratio Lower Upper
 202 100
 200 23.7 18.3 27.5
 203 19.4 15.1 22.7



#78
 Terphenyl-d14
 Concen: 69.208 ng
 RT: 20.04 min Scan# 2851
 Delta R.T. -0.02 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion: 244 Resp: 1199704
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 9.2 7.1 10.7

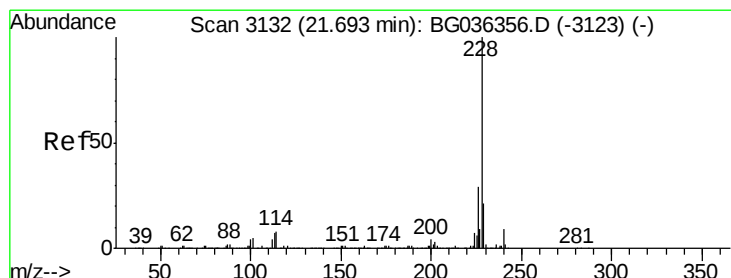
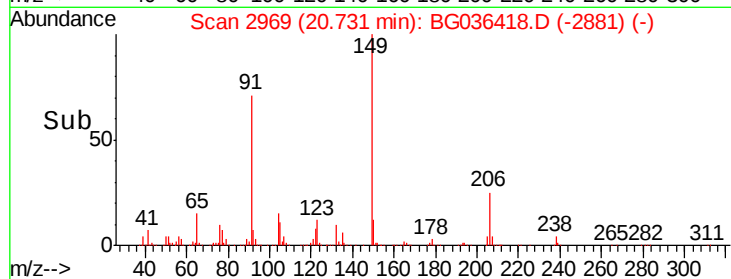
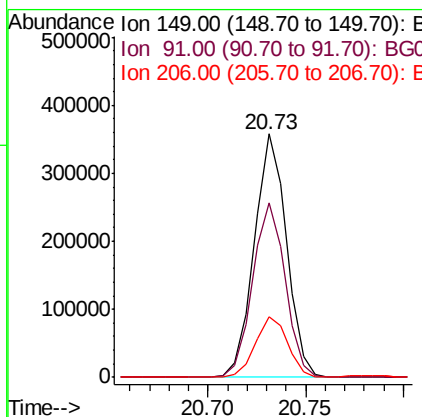
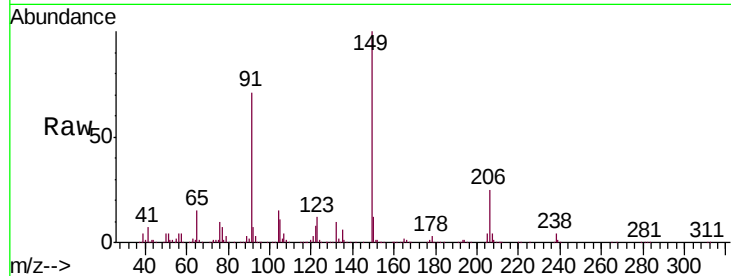




#79
Butylbenzylphthalate
Concen: 41.194 ng
RT: 20.73 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

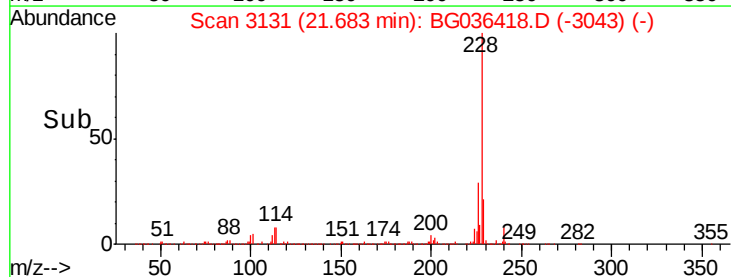
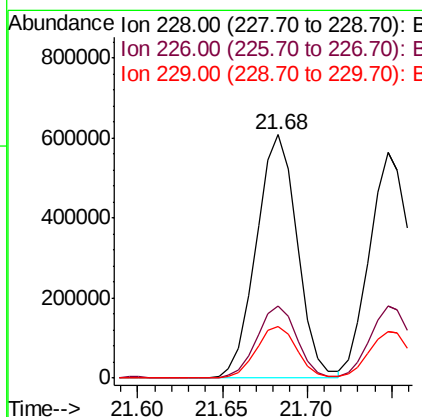
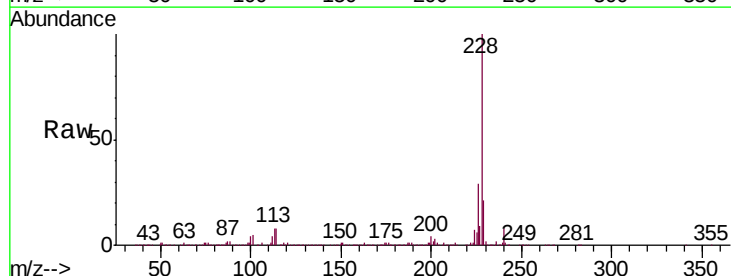
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

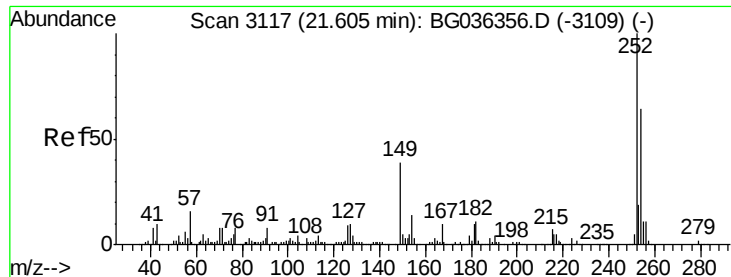
Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	62.0	93.0
206	24.8	19.6	29.4



#80
Benzo(a)anthracene
Concen: 41.705 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	21.0	17.1	25.7

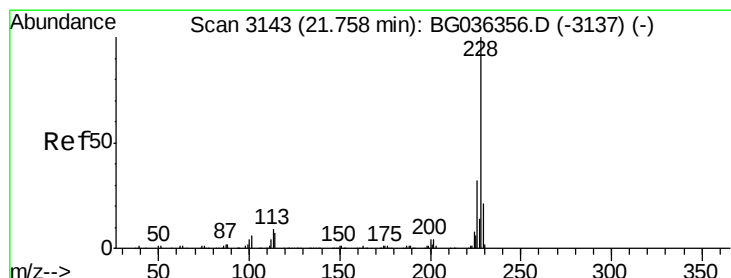
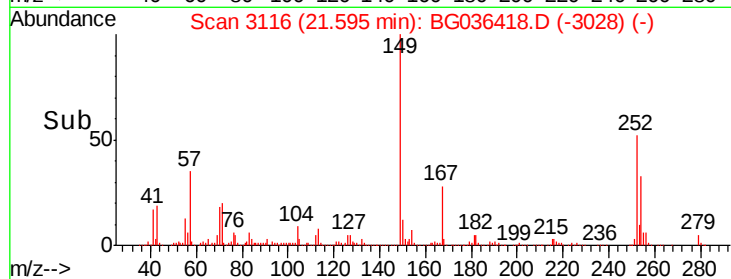
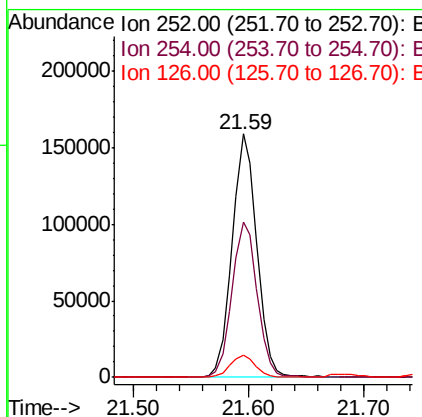
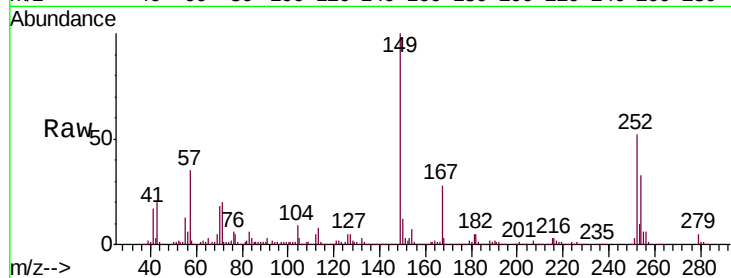




#81
 3,3'-Dichlorobenzidine
 Concen: 24.096 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

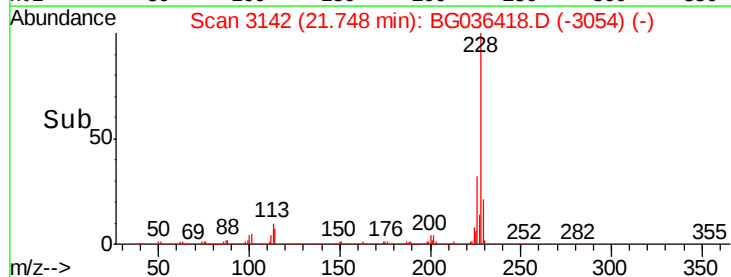
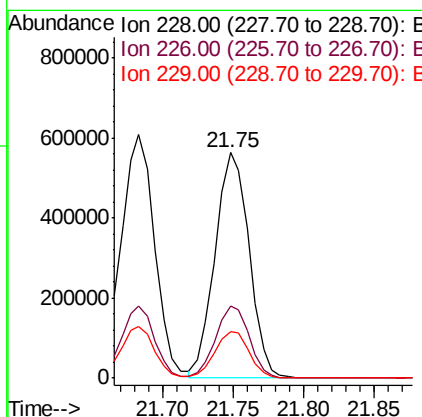
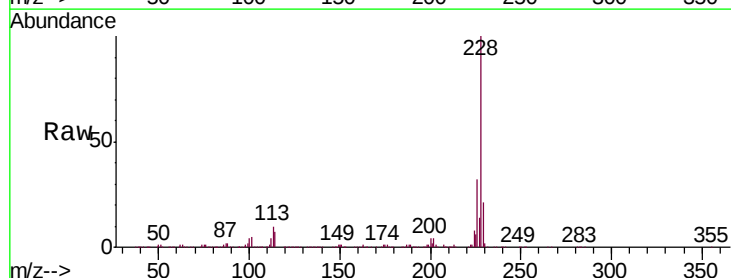
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

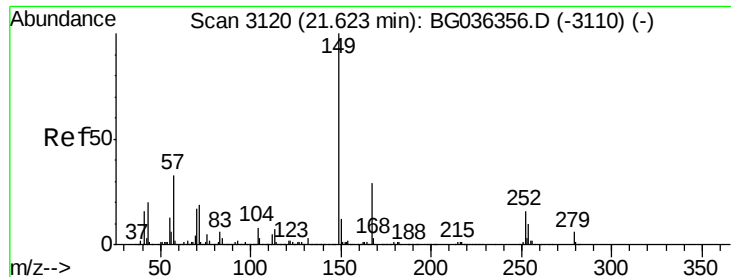
Tgt Ion:252 Resp: 235718
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.0 76.4
 126 9.0 7.4 11.0



#82
 Chrysene
 Concen: 40.519 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:228 Resp: 942716
 Ion Ratio Lower Upper
 228 100
 226 32.2 25.5 38.3
 229 20.7 16.9 25.3

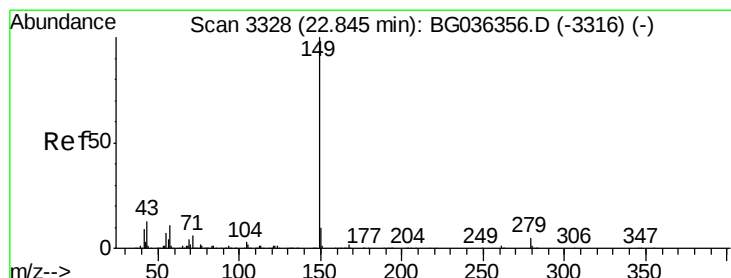
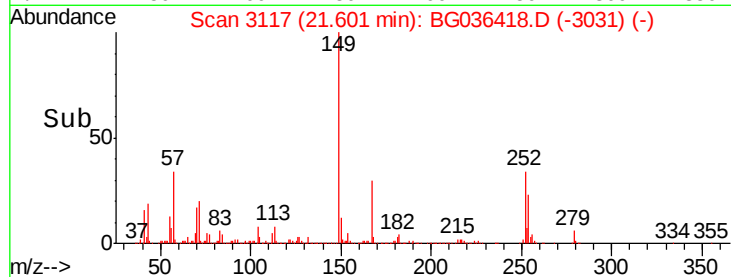
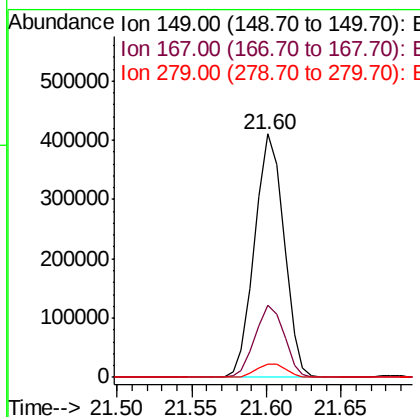
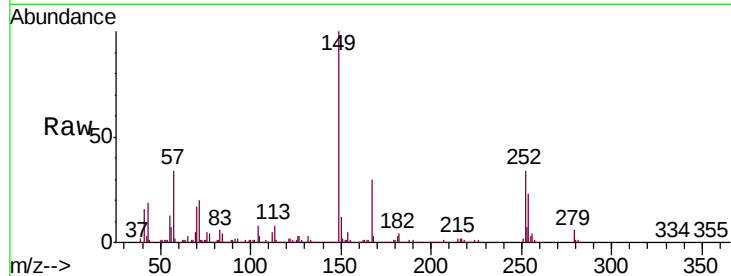




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.211 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.02 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

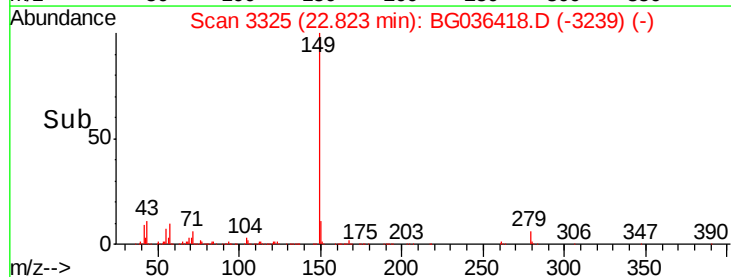
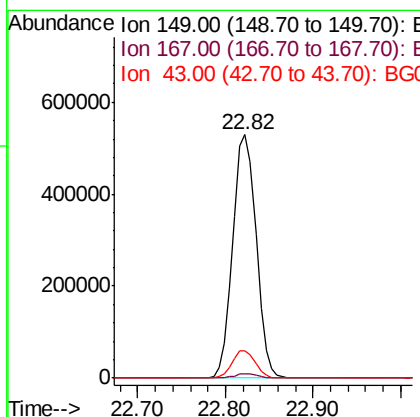
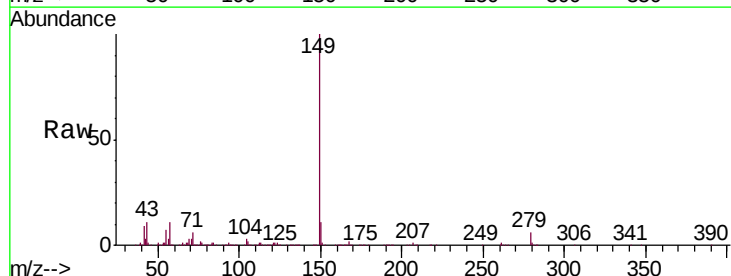
Instrument :
 BNA_G
 ClientSampleId :
 PB112350BSD

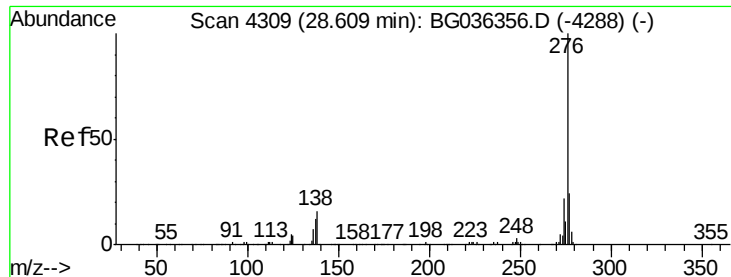
Tgt Ion:149 Resp: 557956
 Ion Ratio Lower Upper
 149 100
 167 29.7 23.4 35.0
 279 5.5 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 41.418 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.02 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion:149 Resp: 959929
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.2 10.0 15.0

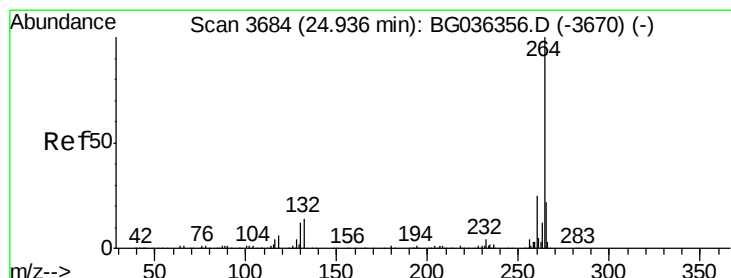
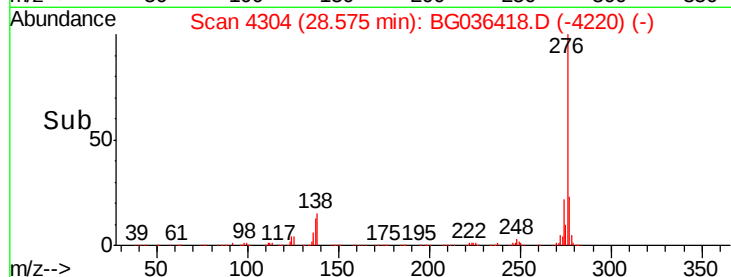
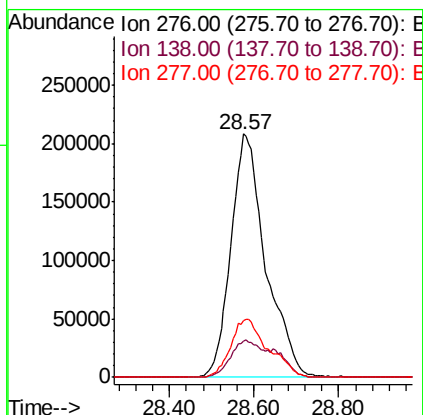
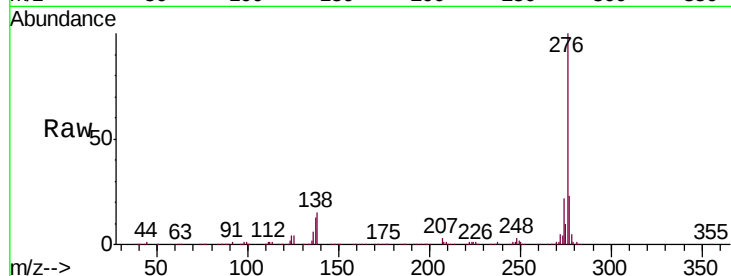




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.763 ng
 RT: 28.57 min Scan# 4304
 Delta R.T. -0.03 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

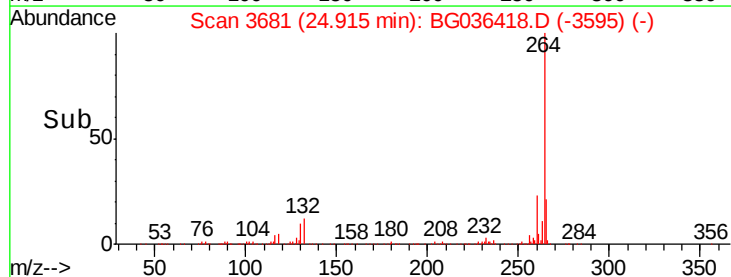
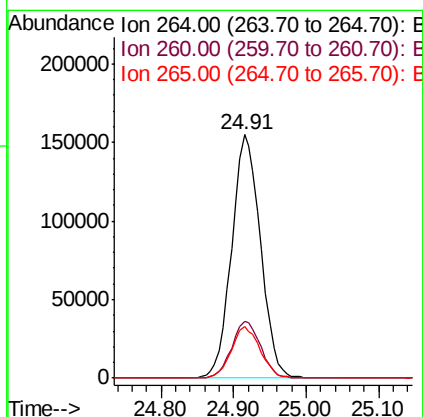
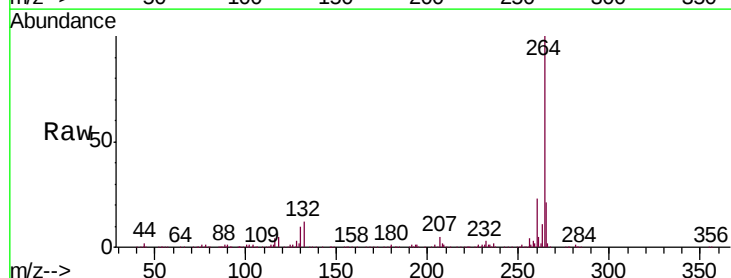
Instrument :
 BNA_G
 ClientSampleID :
 PB112350BSD

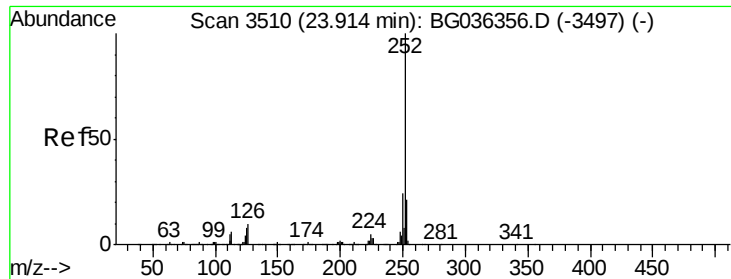
Tgt Ion: 276 Resp: 1182613
 Ion Ratio Lower Upper
 276 100
 138 13.5 10.6 15.8
 277 25.7 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.91 min Scan# 3681
 Delta R.T. -0.02 min
 Lab File: BG036418.D
 Acq: 24 Aug 2018 18:17

Tgt Ion: 264 Resp: 426207
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 17.4 26.0

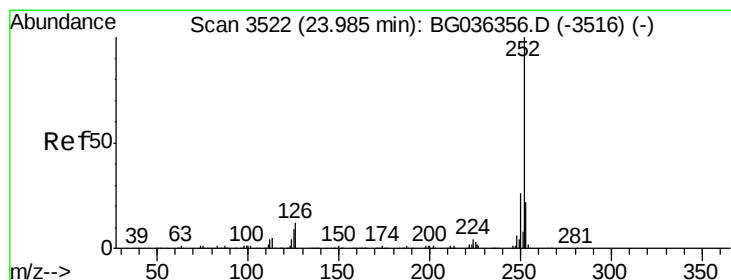
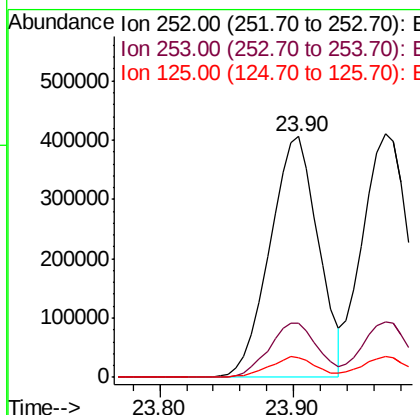
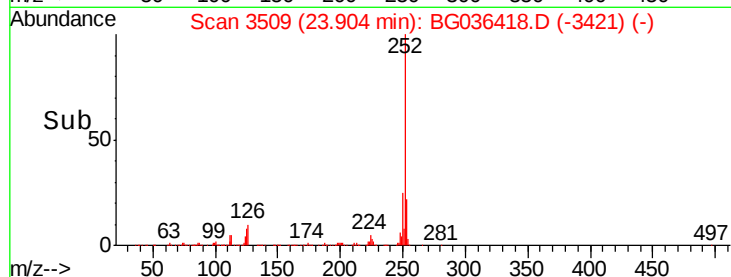
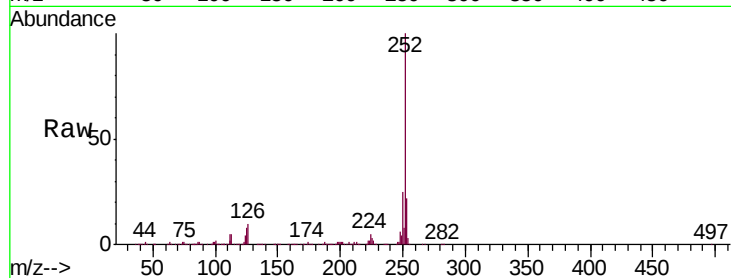




#87
Benzo(b)fluoranthene
Concen: 43.135 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.01 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

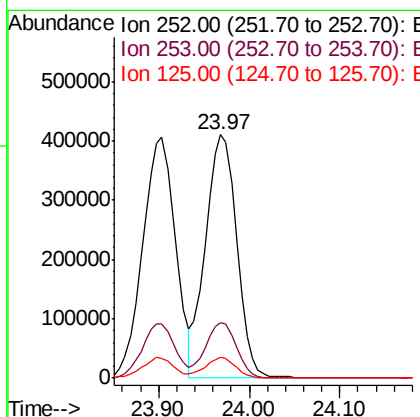
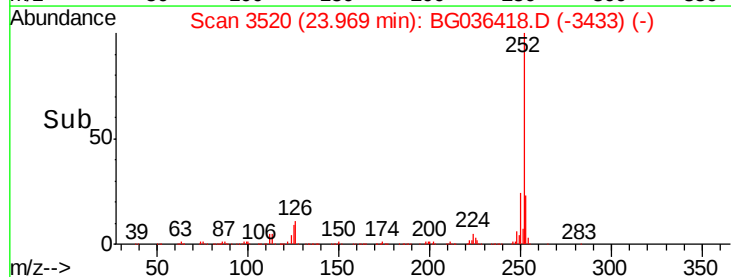
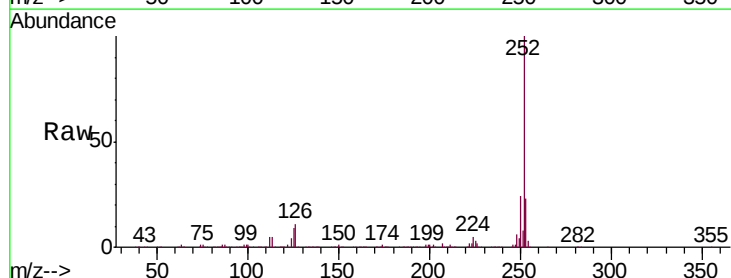
Instrument :
BNA_G
ClientSampleId :
PB112350BSD

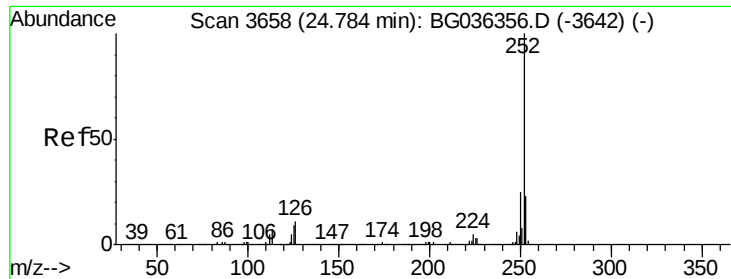
Tgt Ion:252 Resp: 1020878
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 8.0 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 42.492 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.02 min
Lab File: BG036418.D
Acq: 24 Aug 2018 18:17

Tgt Ion:252 Resp: 982506
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.6 7.0 10.6





#89

Benzo(a)pyrene

Concen: 43.876 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.01 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD

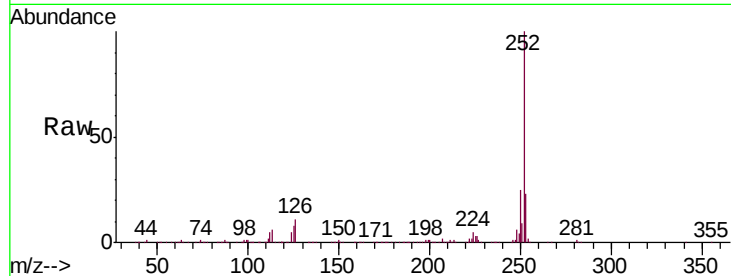
Tgt Ion:252 Resp: 997857

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

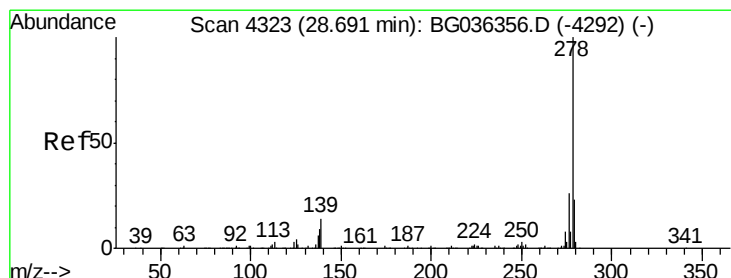
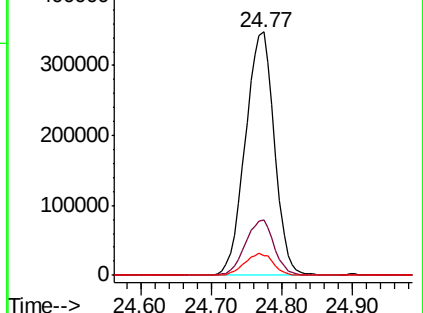
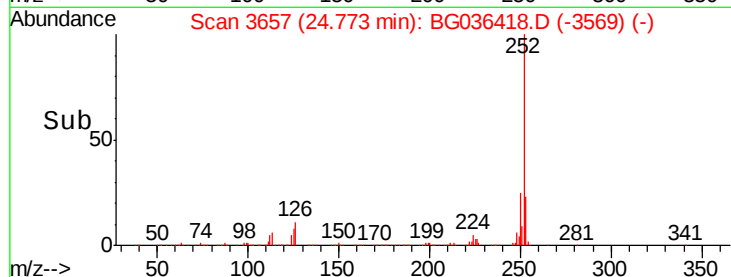
125 7.9 7.3 10.9



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: 43.144 ng

RT: 28.65 min Scan# 4317

Delta R.T. -0.04 min

Lab File: BG036418.D

Acq: 24 Aug 2018 18:17

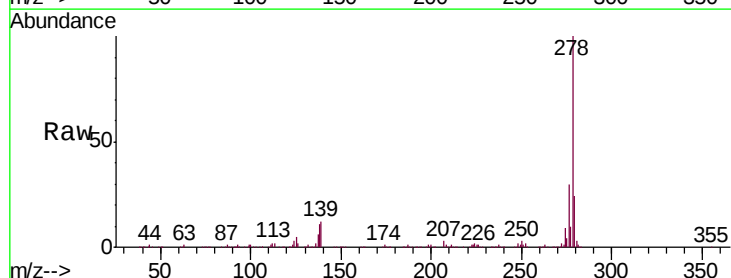
Tgt Ion:278 Resp: 947258

Ion Ratio Lower Upper

278 100

139 11.9 11.0 16.4

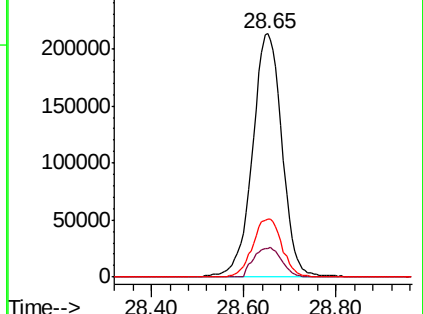
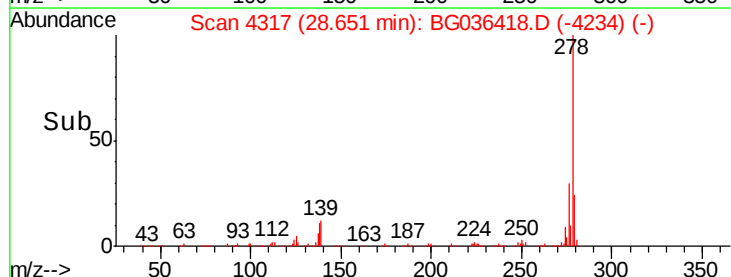
279 23.6 18.7 28.1

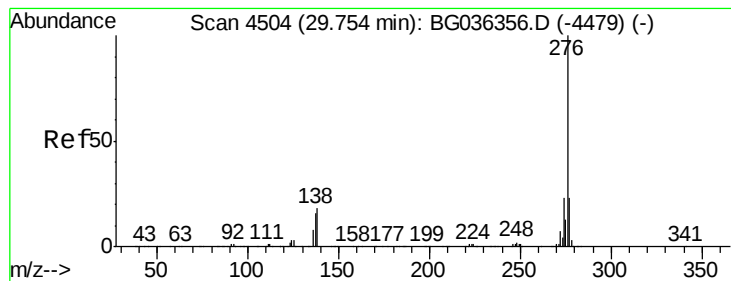


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.026 ng

RT: 29.73 min Scan# 4500

Delta R.T. -0.03 min

Lab File: BG036418.D

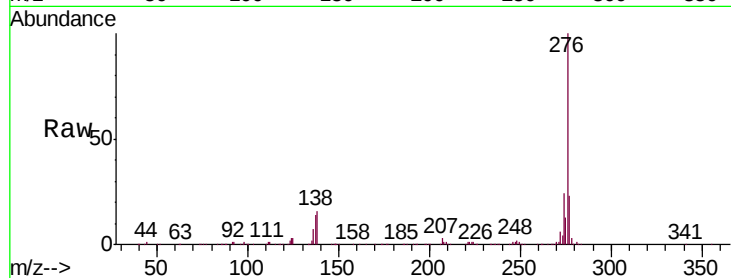
Acq: 24 Aug 2018 18:17

Instrument :

BNA_G

ClientSampleId :

PB112350BSD



Tgt Ion: 276 Resp: 971370

Ion Ratio Lower Upper

276 100

277 23.2 18.4 27.6

138 15.9 14.6 22.0

