

Data File : BG036606.D
Acq On : 7 Sep 2018 20:55
Operator : JU/SJ
Sample : PB112680BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Quant Time: Sep 08 00:46:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52677	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	239020	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	162183	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	432345	20.00	ng	0.00
75) Chrysene-d12	21.69	240	429458	20.00	ng	0.00
86) Perylene-d12	24.90	264	454979	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	376280	113.31	ng	0.00
7) Phenol-d6	7.22	99	505940	106.41	ng	0.00
23) Nitrobenzene-d5	9.22	82	295104	66.99	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	226761	117.18	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	732434	64.48	ng	0.00
78) Terphenyl-d14	20.03	244	1251521	68.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	51348	33.133	ng	98
3) Pyridine	3.92	79	149228	34.304	ng	94
4) n-Nitrosodimethylamine	3.84	42	75839	39.142	ng	95
6) Aniline	7.38	93	197080	32.656	ng	96
8) 2-Chlorophenol	7.62	128	161985	44.981	ng	98
9) Benzaldehyde	7.19	77	89883	27.453	ng	97
10) Phenol	7.24	94	223148	44.849	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	154429	39.150	ng	95
12) 1,3-Dichlorobenzene	7.95	146	160360	38.998	ng	99
13) 1,4-Dichlorobenzene	8.09	146	162561	39.156	ng	99
14) 1,2-Dichlorobenzene	8.41	146	158165	39.892	ng	98
15) Benzyl Alcohol	8.29	79	156715	40.888	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	284739	35.794	ng	99
17) 2-Methylphenol	8.49	107	147906	44.769	ng	98
18) Hexachloroethane	9.14	117	60150	40.410	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	129498	36.444	ng	97
20) 3+4-Methylphenols	8.82	107	203510	44.121	ng	98
22) Acetophenone	8.87	105	244553	38.963	ng	99
24) Nitrobenzene	9.26	77	192956	40.619	ng	95
25) Isophorone	9.78	82	360583	41.203	ng	99
26) 2-Nitrophenol	9.97	139	88048	46.774	ng	100
27) 2,4-Dimethylphenol	10.03	122	162114	46.516	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	214050	39.853	ng	98
29) 2,4-Dichlorophenol	10.50	162	174451	45.674	ng	93
30) 1,2,4-Trichlorobenzene	10.73	180	175657	39.313	ng	96
31) Naphthalene	10.91	128	501509	41.973	ng	99
32) Benzoic acid	10.16	122	108603	42.589	ng	93
33) 4-Chloroaniline	11.01	127	142200	25.971	ng	97
34) Hexachlorobutadiene	11.20	225	117402	39.107	ng	94
35) Caprolactam	11.79	113	49839	32.756	ng	91
36) 4-Chloro-3-methylphenol	12.13	107	198572	44.743	ng	99
37) 2-Methylnaphthalene	12.51	142	392524	44.898	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226681	39.495	ng	98
40) Hexachlorocyclopentadiene	12.86	237	271332	90.860	ng	96

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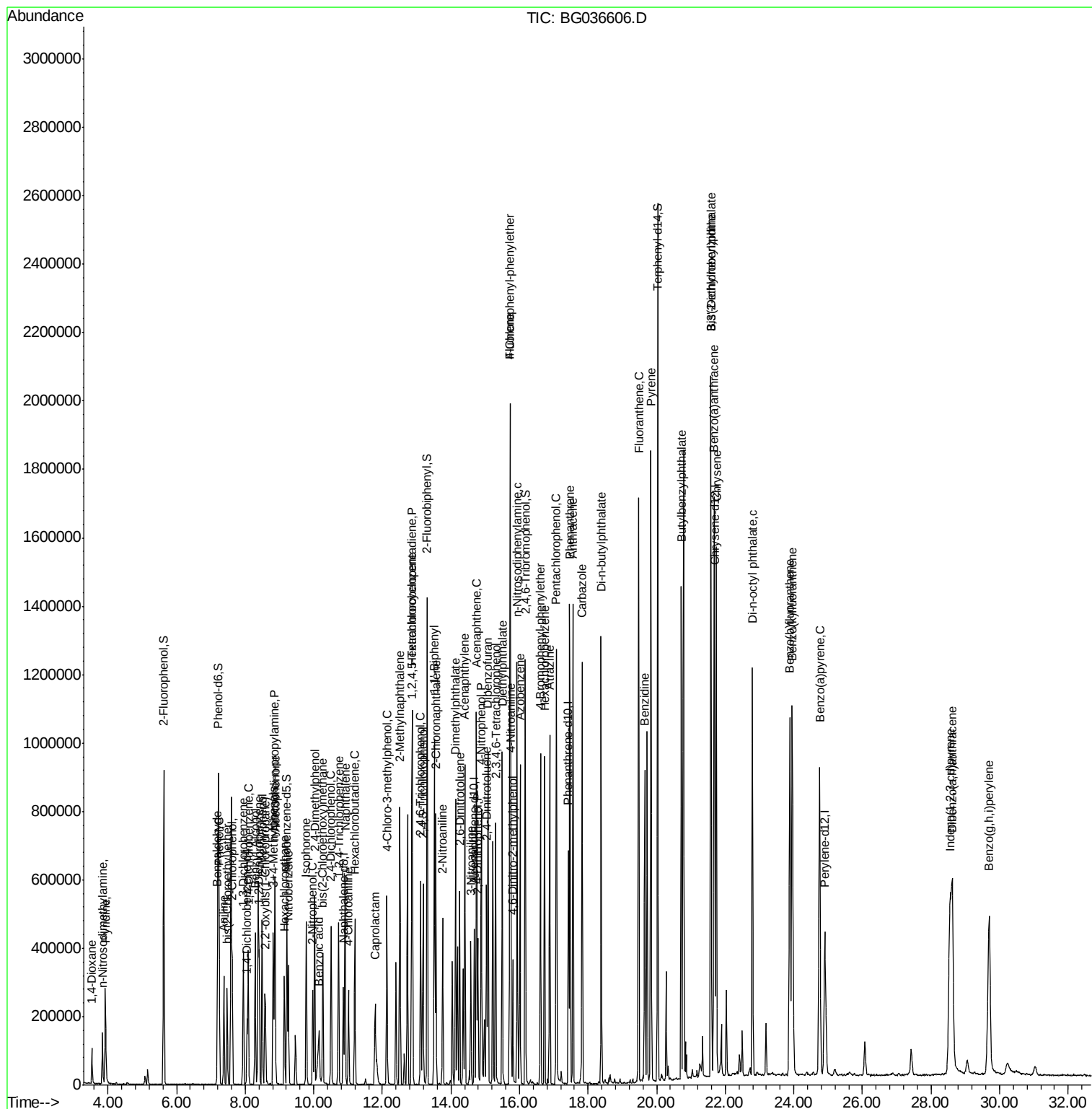
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	154246	44.118	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	169746	45.520	ng	97
45) 1,1'-Biphenyl	13.52	154	515649	38.303	ng	100
46) 2-Chloronaphthalene	13.56	162	394217	38.357	ng	98
47) 2-Nitroaniline	13.76	65	143433	44.443	ng	97
48) Acenaphthylene	14.40	152	677474	42.178	ng	99
49) Dimethylphthalate	14.13	163	539060	40.705	ng	98
50) 2,6-Dinitrotoluene	14.25	165	122168	44.831	ng	95
51) Acenaphthene	14.74	154	401689	39.049	ng	100
52) 3-Nitroaniline	14.58	138	105201	35.824	ng	99
53) 2,4-Dinitrophenol	14.79	184	103521	100.292	ng	96
54) Dibenzofuran	15.08	168	649597	40.308	ng	99
55) 4-Nitrophenol	14.89	139	204196	85.044	ng	99
56) 2,4-Dinitrotoluene	15.04	165	174312	49.080	ng	89
57) Fluorene	15.73	166	527395	43.775	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	173783	49.601	ng	95
59) Diethylphthalate	15.50	149	541692	40.587	ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	299744	40.291	ng	99
61) 4-Nitroaniline	15.75	138	136268	44.344	ng	92
62) Azobenzene	16.01	77	534575	39.366	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	90154	47.469	ng	94
65) n-Nitrosodiphenylamine	15.93	169	483994	37.675	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	202911	40.086	ng	99
67) Hexachlorobenzene	16.73	284	204130	39.438	ng	98
68) Atrazine	16.88	200	204419	42.394	ng	99
69) Pentachlorophenol	17.07	266	253390	72.032	ng	97
70) Phenanthrene	17.47	178	907229	41.296	ng	98
71) Anthracene	17.56	178	918354	41.936	ng	98
72) Carbazole	17.82	167	809334	37.006	ng	99
73) Di-n-butylphthalate	18.38	149	927646	38.090	ng	99
74) Fluoranthene	19.47	202	1098248	41.003	ng	99
76) Benzidine	19.65	184	566677	41.358	ng	99
77) Pyrene	19.83	202	1054951	39.946	ng	98
79) Butylbenzylphthalate	20.72	149	427983	40.721	ng	93
80) Benzo(a)anthracene	21.67	228	1087148	41.785	ng	99
81) 3,3'-Dichlorobenzidine	21.58	252	277992	26.810	ng	99
82) Chrysene	21.74	228	1005710	40.782	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	584579	39.747	ng	100
84) Di-n-octyl phthalate	22.79	149	993268	40.433	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1201287	41.940	ng	99
87) Benzo(b)fluoranthene	23.89	252	1078290	42.679	ng	98
88) Benzo(k)fluoranthene	23.95	252	1033274	41.862	ng	99
89) Benzo(a)pyrene	24.75	252	1047493	43.146	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	962582	41.070	ng	98
91) Benzo(g,h,i)perylene	29.70	276	996548	42.311	ng #	95

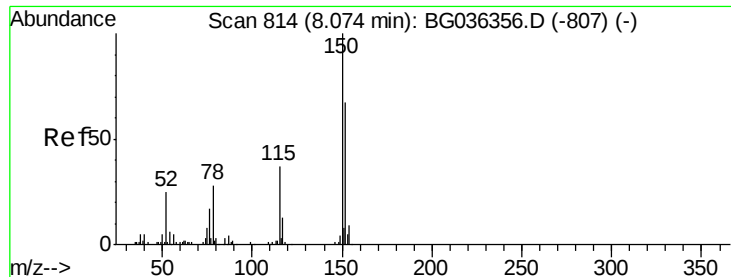
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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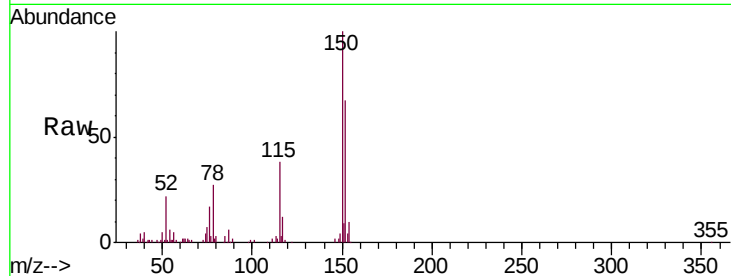


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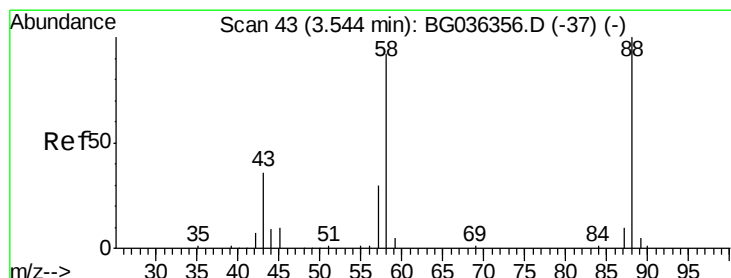
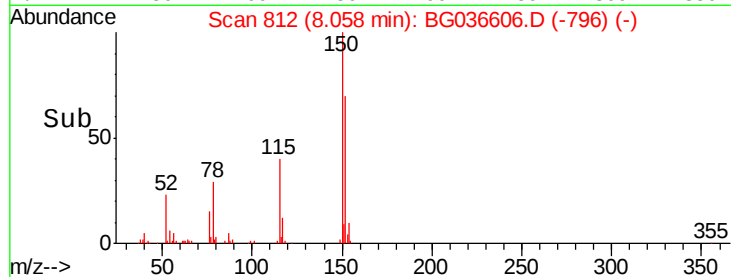
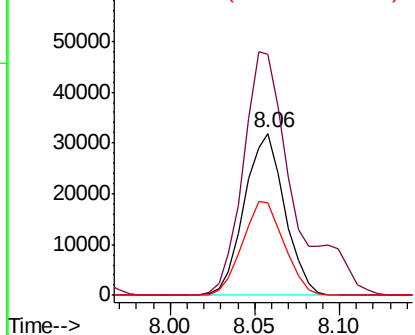
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:152 Resp: 52677
Ion Ratio Lower Upper
152 100
150 148.7 119.5 179.3
115 57.0 44.5 66.7



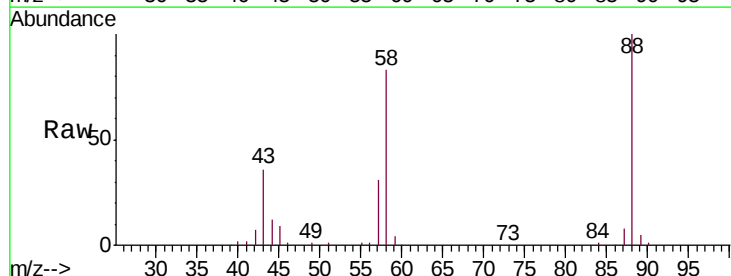
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



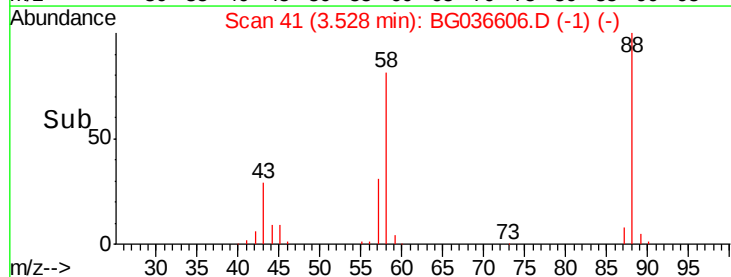
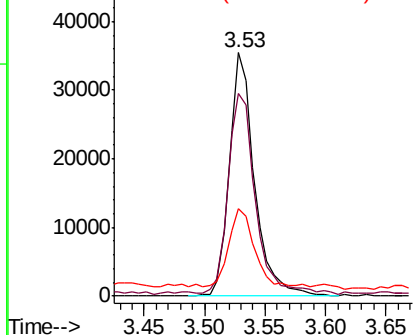
#2

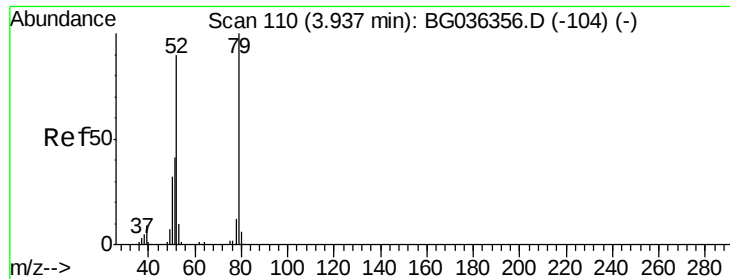
1,4-Dioxane
Concen: 33.133 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion: 88 Resp: 51348
Ion Ratio Lower Upper
88 100
58 89.8 72.6 109.0
43 33.1 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: 34.304 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

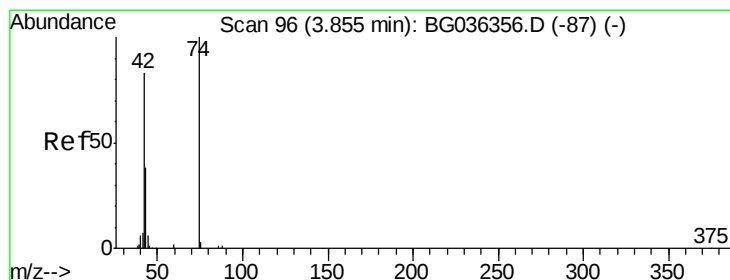
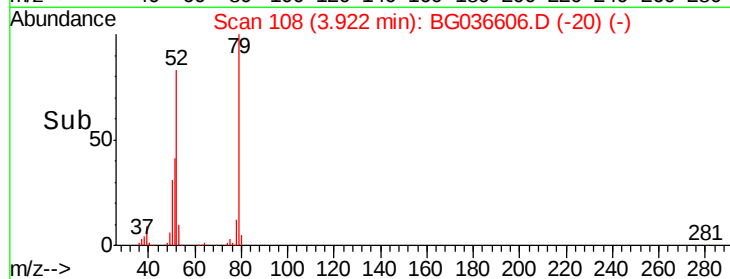
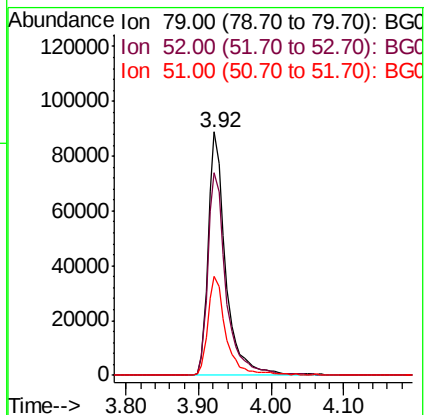
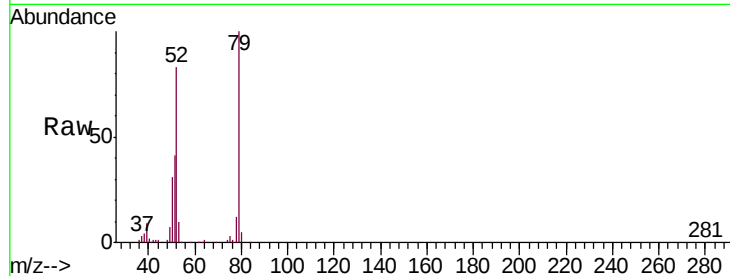
Tgt Ion: 79 Resp: 149228

Ion Ratio Lower Upper

79 100

52 83.4 72.3 108.5

51 40.7 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 39.142 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

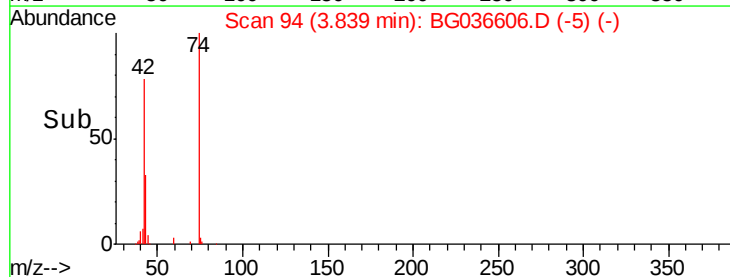
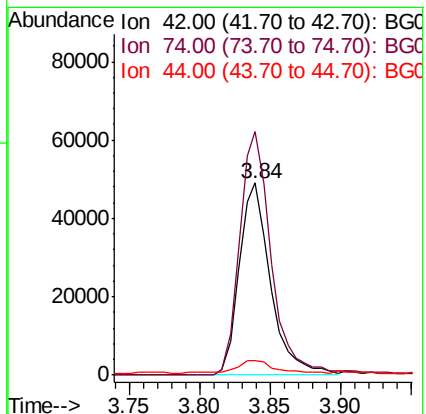
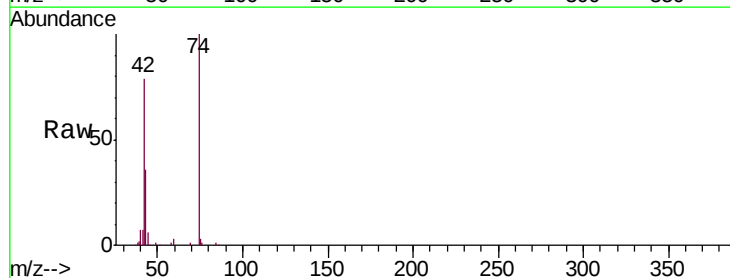
Tgt Ion: 42 Resp: 75839

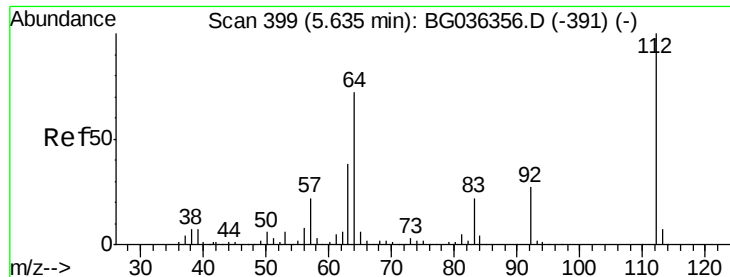
Ion Ratio Lower Upper

42 100

74 126.7 96.6 145.0

44 7.3 7.0 10.4





#5

2-Fluorophenol

Concen: 113.311 ng

RT: 5.63 min Scan# 398

Delta R.T. 0.00 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

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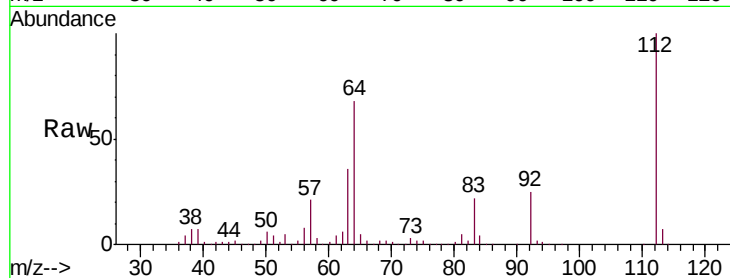
Tgt Ion: 112 Resp: 376280

Ion Ratio Lower Upper

112 100

64 68.0 57.2 85.8

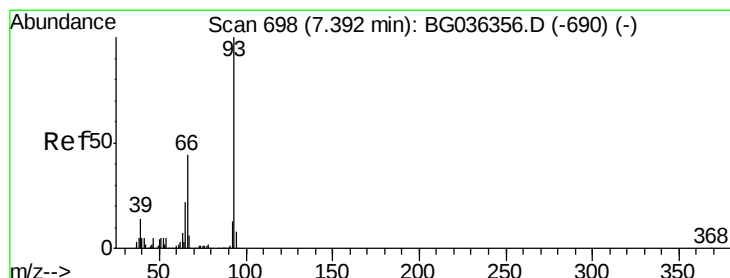
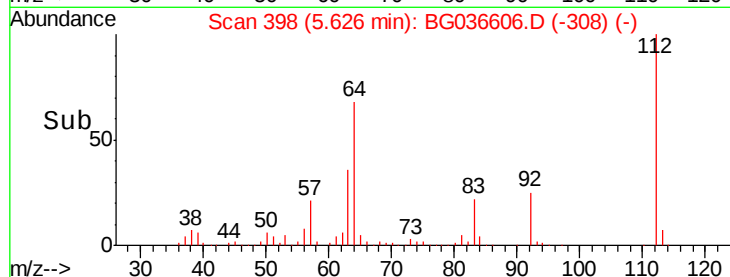
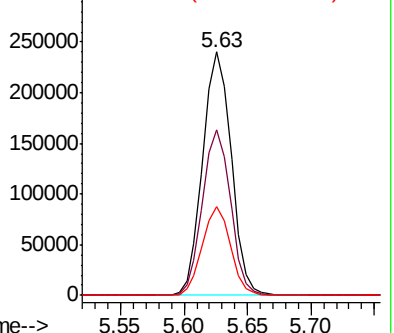
63 36.5 30.8 46.2



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: 32.656 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

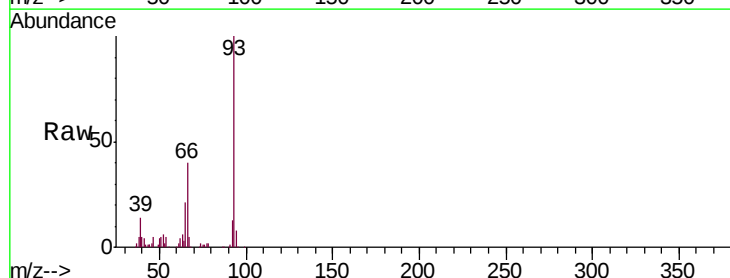
Tgt Ion: 93 Resp: 197080

Ion Ratio Lower Upper

93 100

66 40.1 35.0 52.4

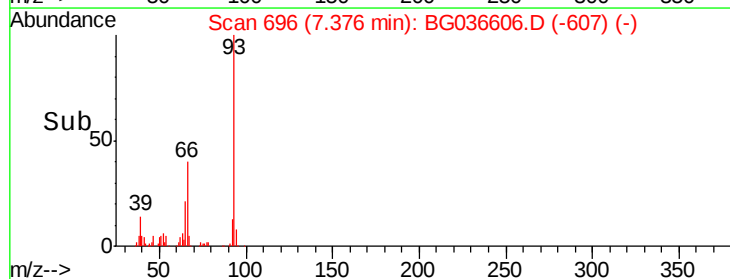
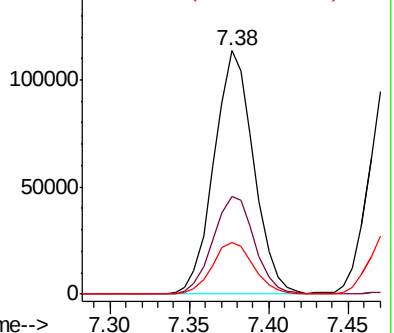
65 21.2 17.6 26.4

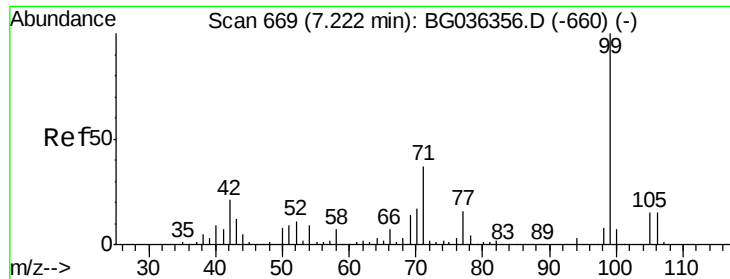


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.413 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

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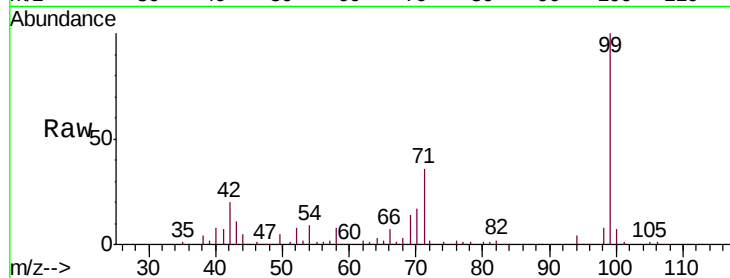
Tgt Ion: 99 Resp: 505940

Ion Ratio Lower Upper

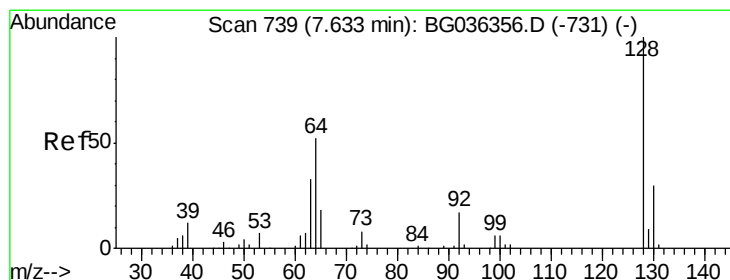
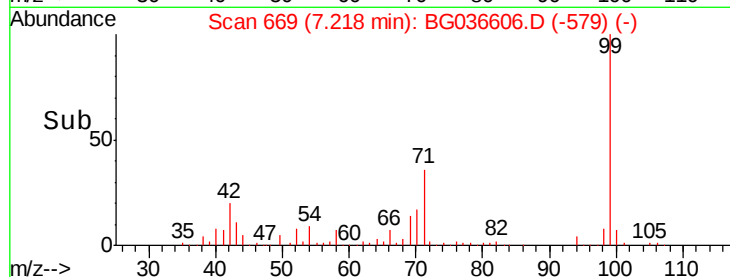
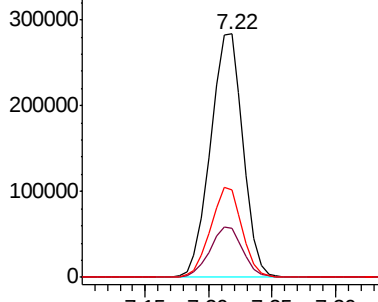
99 100

42 20.3 16.5 24.7

71 36.1 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: 44.981 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

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Acq: 7 Sep 2018 20:55

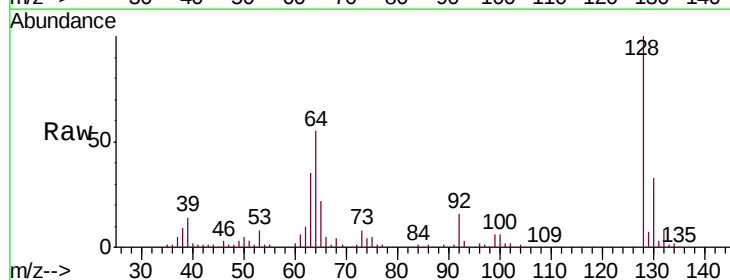
Tgt Ion: 128 Resp: 161985

Ion Ratio Lower Upper

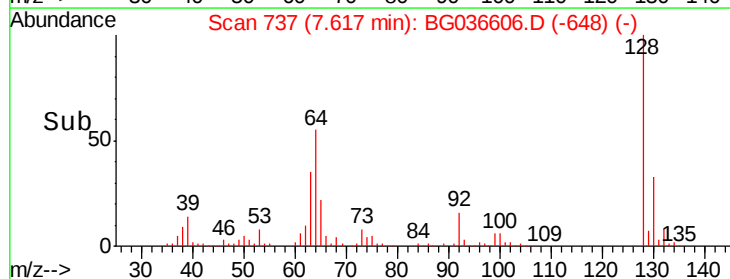
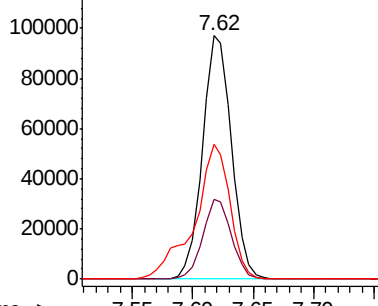
128 100

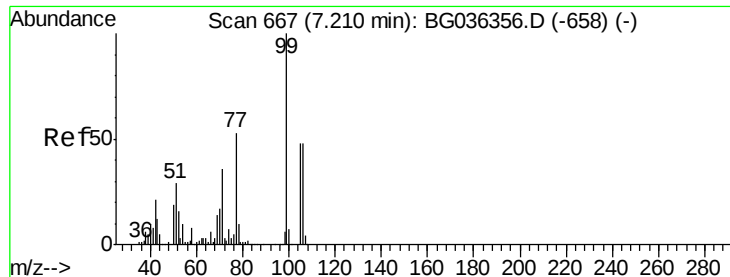
130 32.7 10.0 50.0

64 55.2 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: 27.453 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

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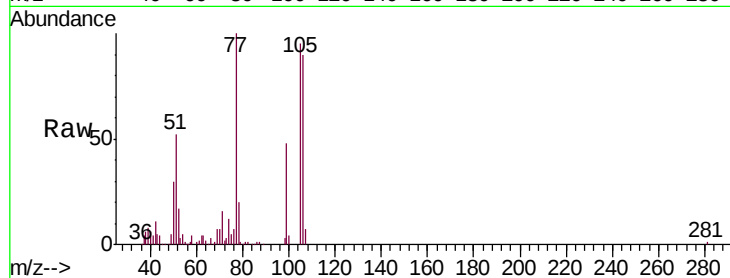
Tgt Ion: 77 Resp: 89883

Ion Ratio Lower Upper

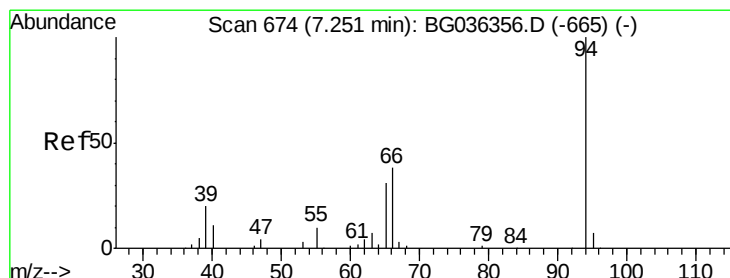
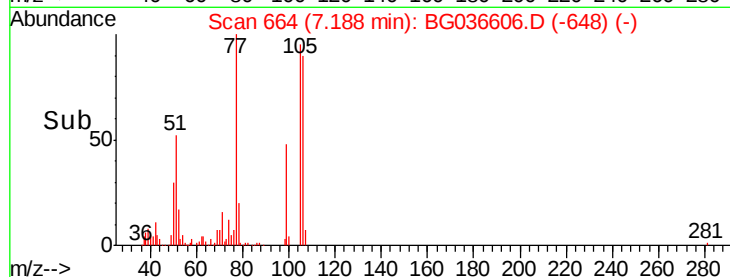
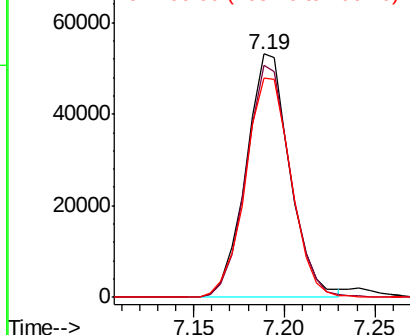
77 100

105 95.2 70.5 110.5

106 89.9 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: 44.849 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

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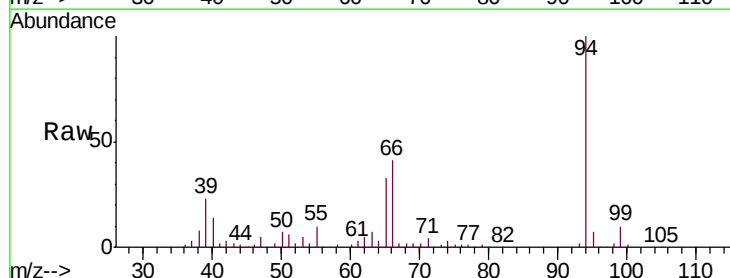
Tgt Ion: 94 Resp: 223148

Ion Ratio Lower Upper

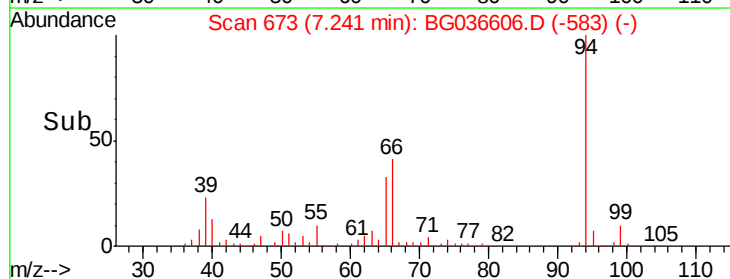
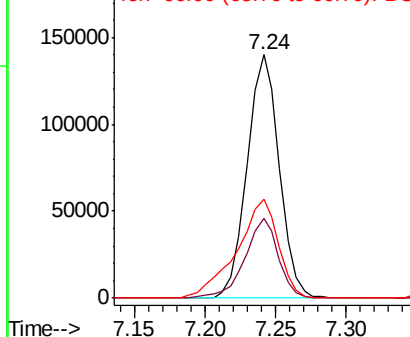
94 100

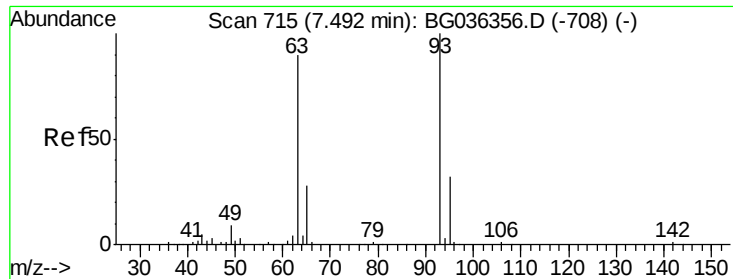
65 32.5 11.5 51.5

66 40.8 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

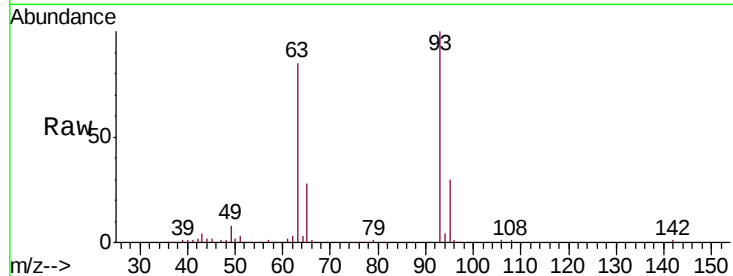




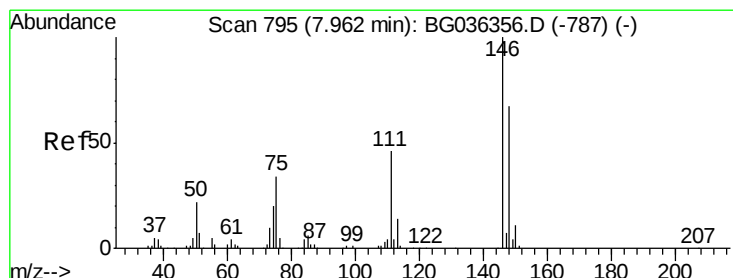
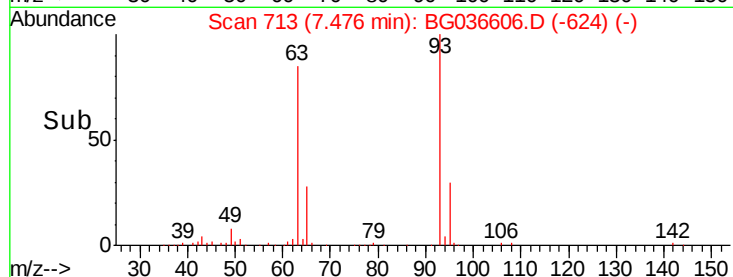
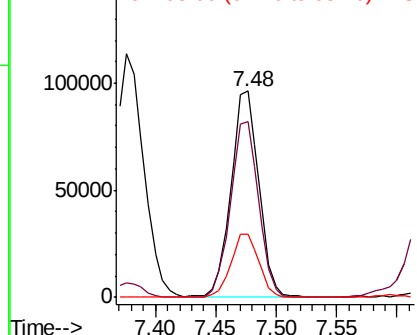
#11
 bis(2-Chloroethyl)ether
 Concen: 39.150 ng
 RT: 7.48 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion: 93 Resp: 154429
 Ion Ratio Lower Upper
 93 100
 63 84.9 69.9 109.9
 95 30.3 11.7 51.7

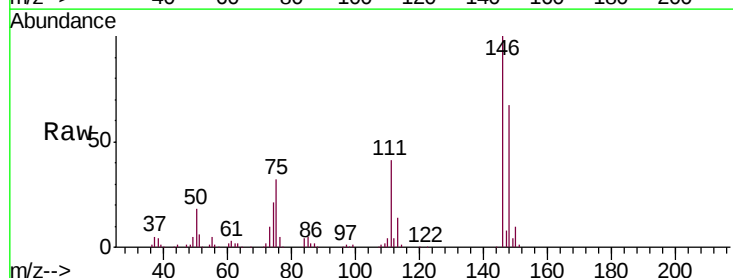


Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC

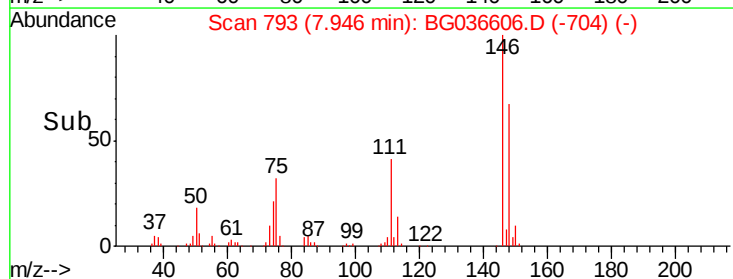
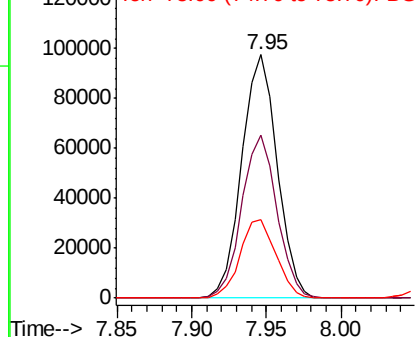


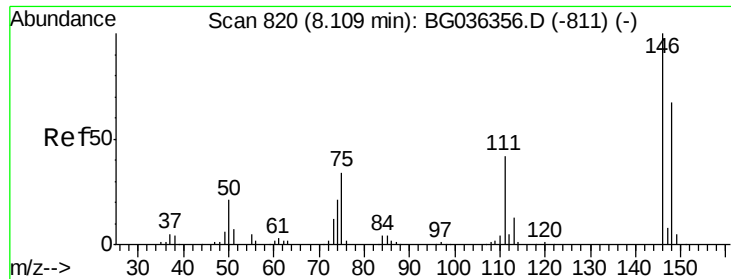
#12
 1,3-Dichlorobenzene
 Concen: 38.998 ng
 RT: 7.95 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion: 146 Resp: 160360
 Ion Ratio Lower Upper
 146 100
 148 66.8 53.8 80.6
 75 32.1 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

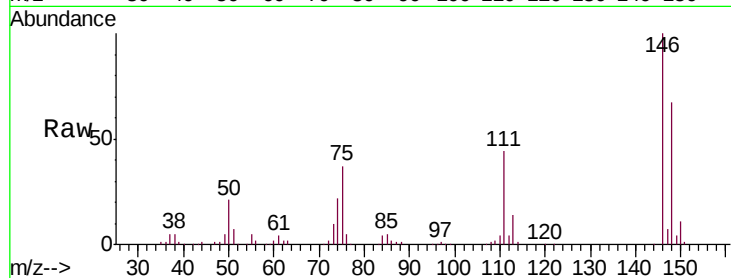




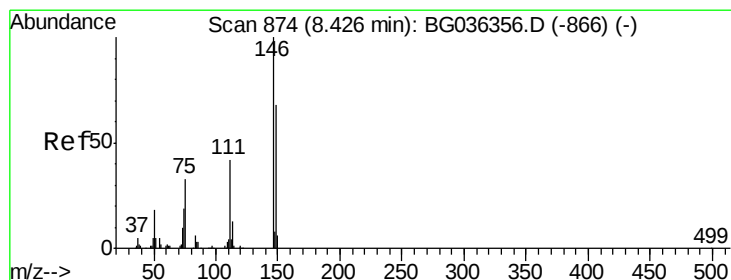
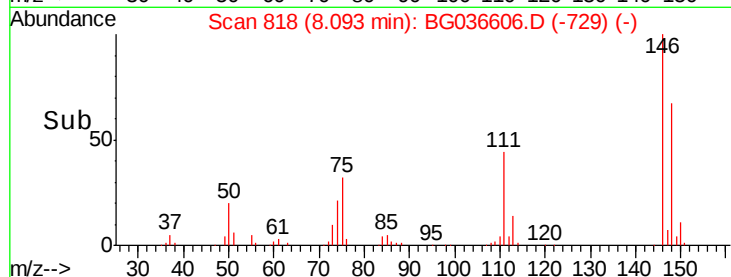
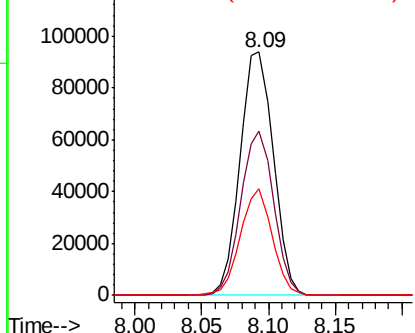
#13
 1,4-Dichlorobenzene
 Concen: 39.156 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion:146 Resp: 162561
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.9 80.9
 111 43.9 33.8 50.6

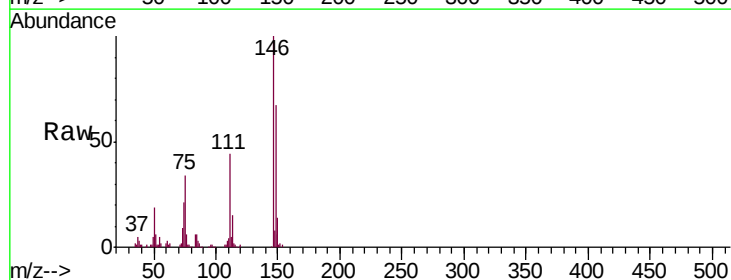


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

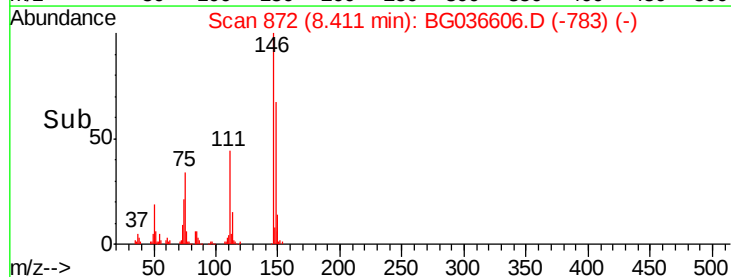
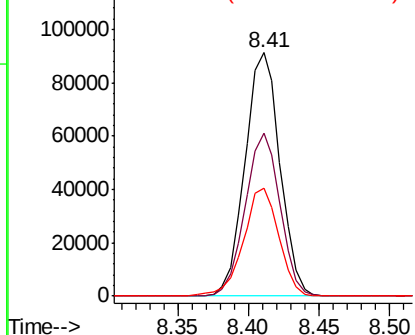


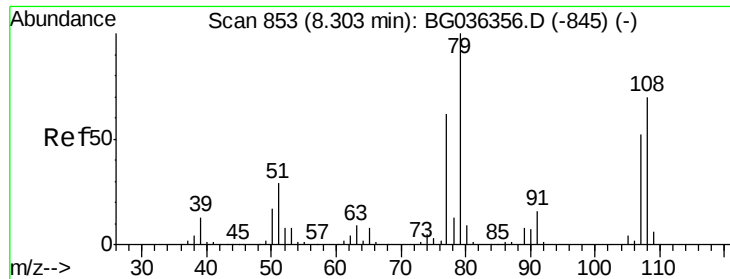
#14
 1,2-Dichlorobenzene
 Concen: 39.892 ng
 RT: 8.41 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:146 Resp: 158165
 Ion Ratio Lower Upper
 146 100
 148 67.1 55.0 82.6
 111 44.3 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: 40.888 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

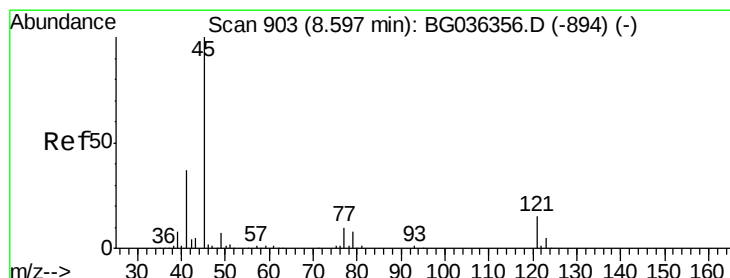
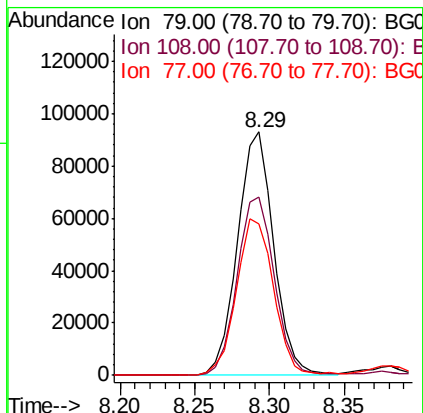
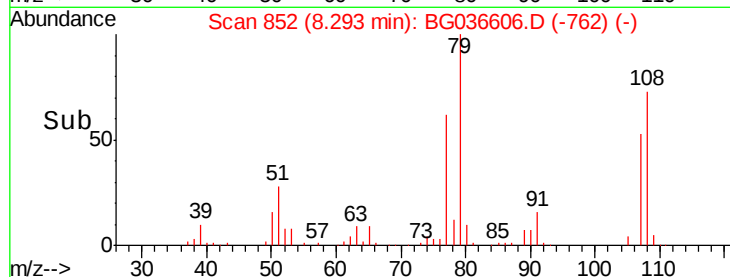
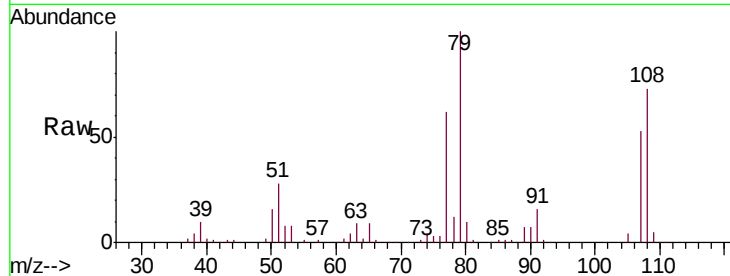
Tgt Ion: 79 Resp: 156715

Ion Ratio Lower Upper

79 100

108 73.4 55.9 83.9

77 62.3 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.794 ng

RT: 8.58 min Scan# 901

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

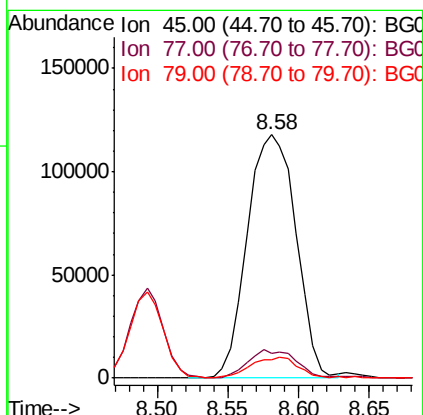
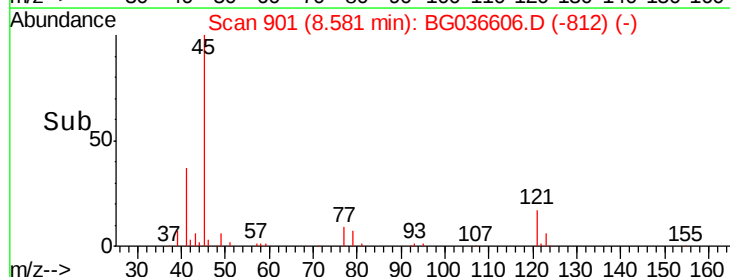
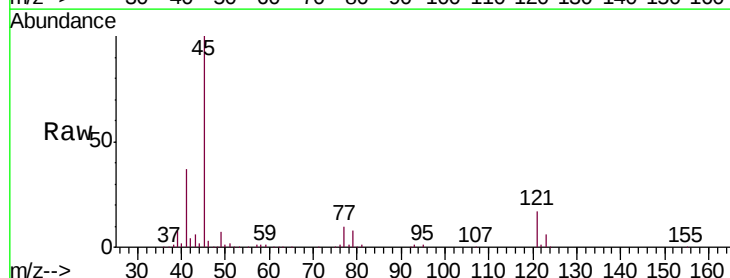
Tgt Ion: 45 Resp: 284739

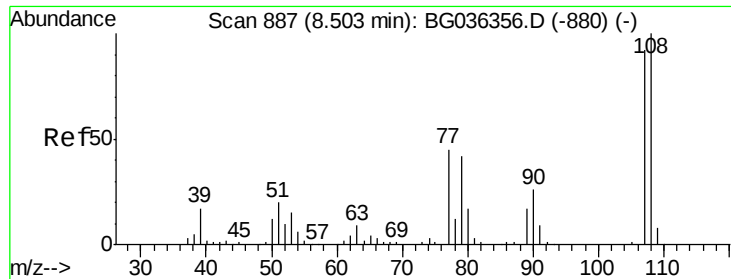
Ion Ratio Lower Upper

45 100

77 10.4 0.0 30.5

79 7.6 0.0 27.9

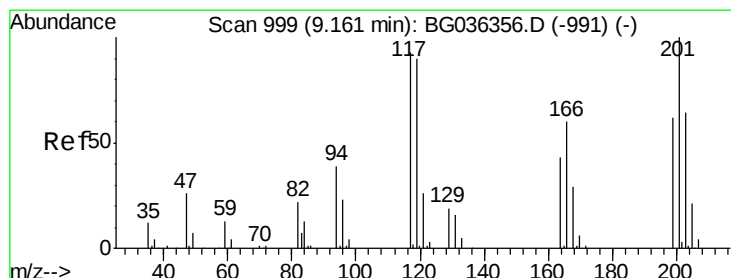
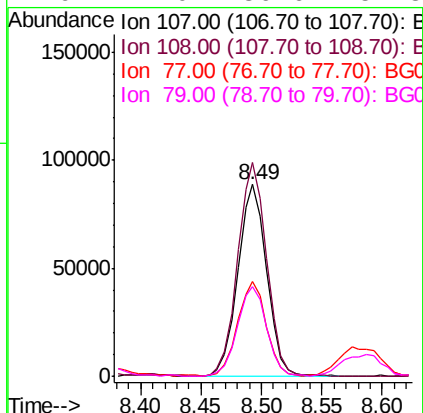
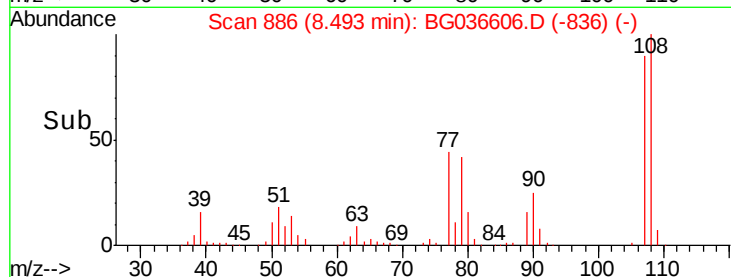
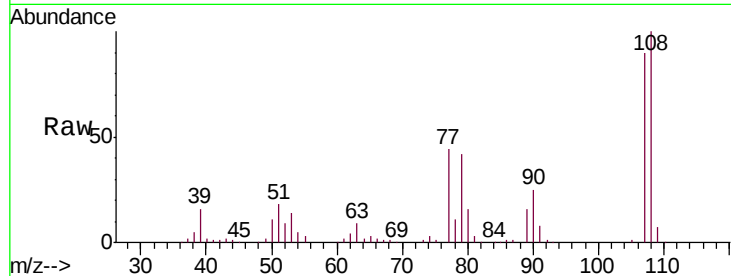




#17
2-Methylphenol
Concen: 44.769 ng
RT: 8.49 min Scan# 886
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

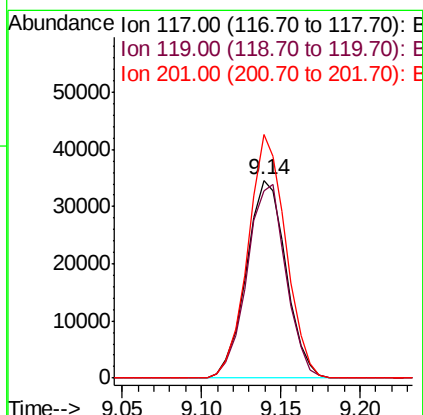
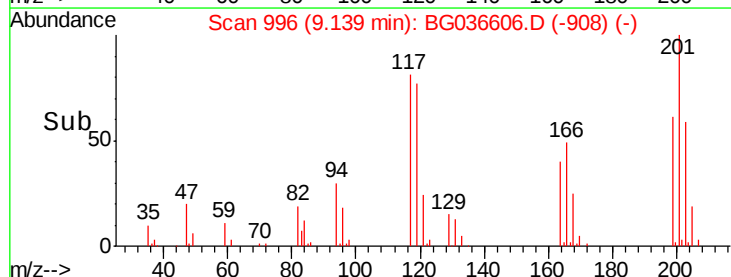
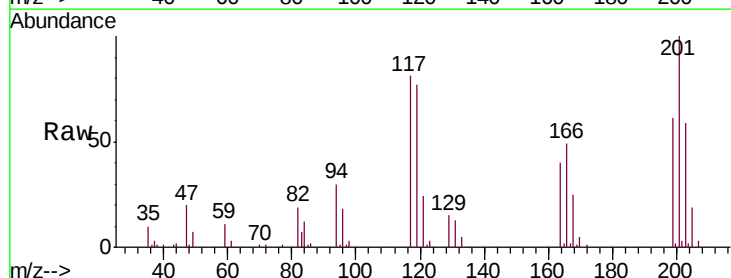
Instrument :
BNA_G
ClientSampleId :
PB112680BS

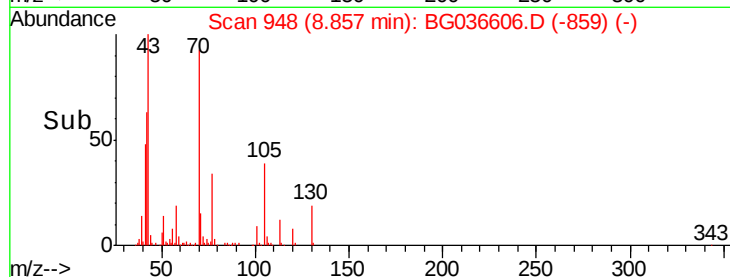
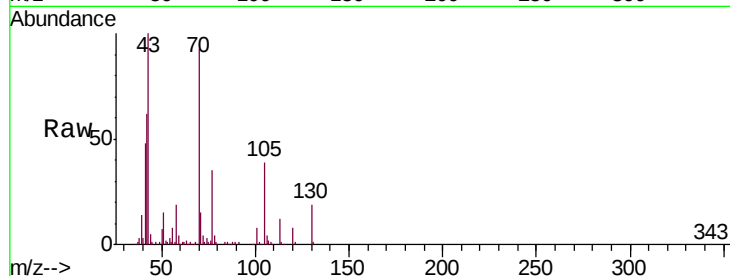
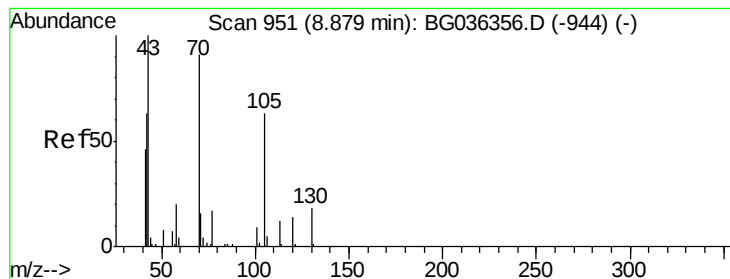
Tgt Ion:107 Resp: 147906
Ion Ratio Lower Upper
107 100
108 111.3 86.7 130.1
77 49.1 39.0 58.4
79 47.0 36.6 54.8



#18
Hexachloroethane
Concen: 40.410 ng
RT: 9.14 min Scan# 996
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:117 Resp: 60150
Ion Ratio Lower Upper
117 100
119 94.8 76.8 115.2
201 122.9 85.7 128.5





#19

n-Nitroso-di-n-propylamine

Concen: 36.444 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

Tgt Ion: 70 Resp: 129498

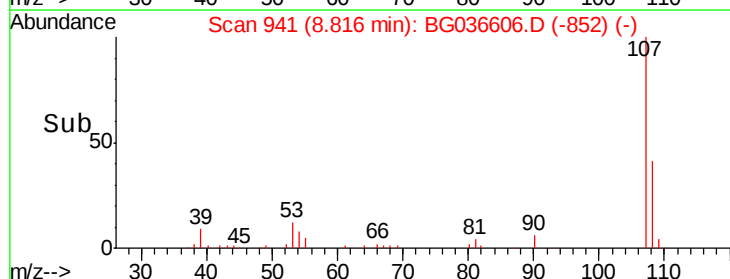
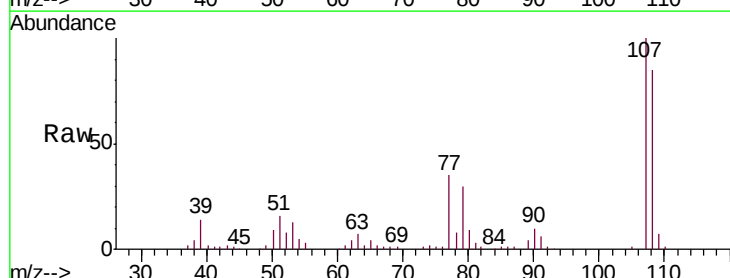
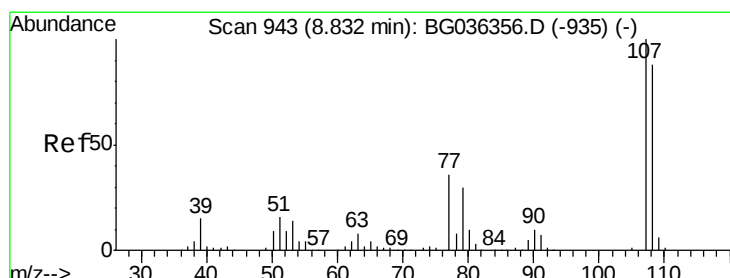
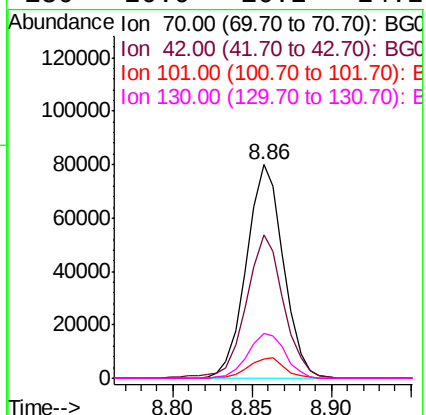
Ion Ratio Lower Upper

70 100

42 67.1 56.2 84.4

101 9.1 7.8 11.6

130 20.9 16.2 24.2



#20

3+4-Methylphenols

Concen: 44.121 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Tgt Ion: 107 Resp: 203510

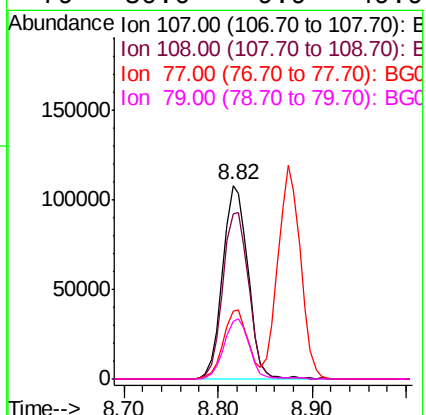
Ion Ratio Lower Upper

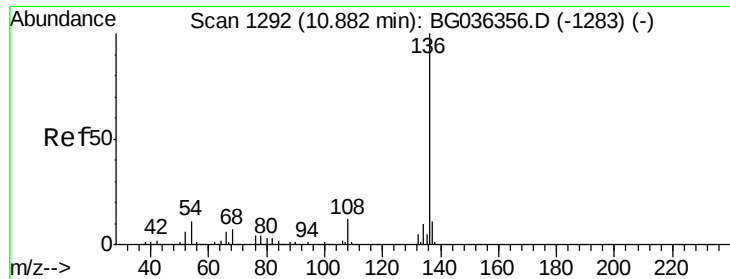
107 100

108 85.3 68.0 108.0

77 35.2 15.6 55.6

79 30.0 9.9 49.9

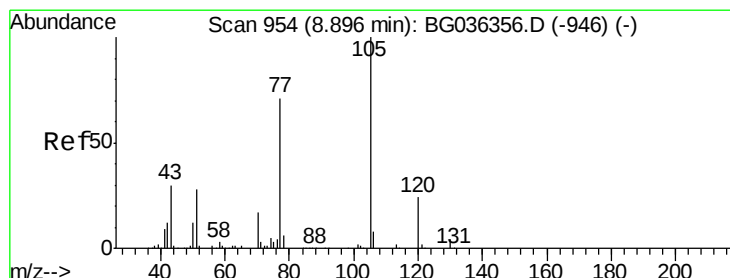
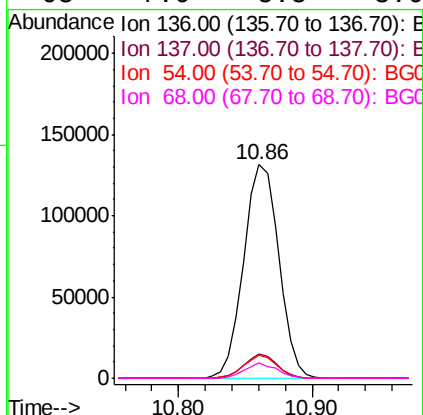
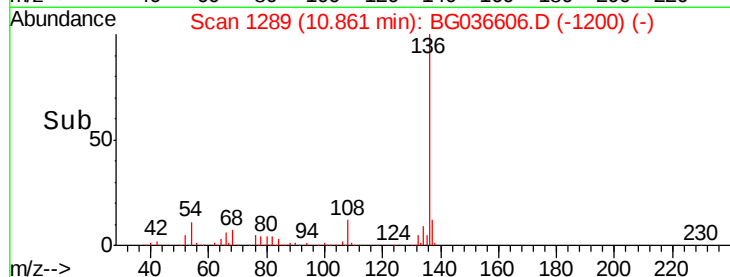
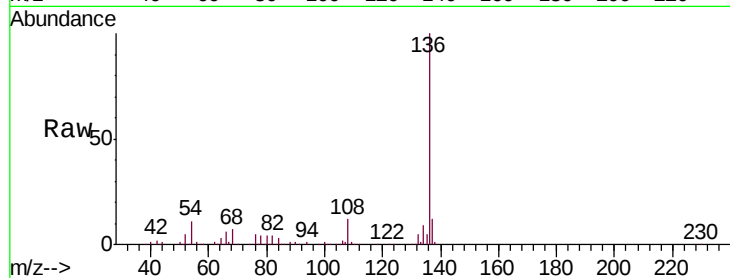




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

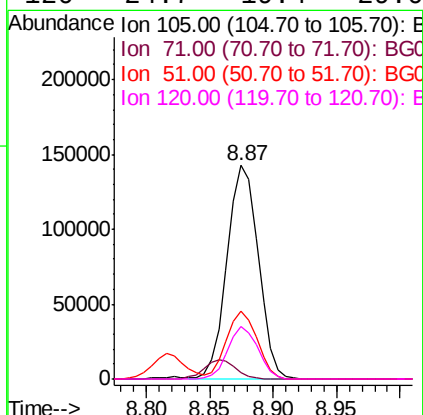
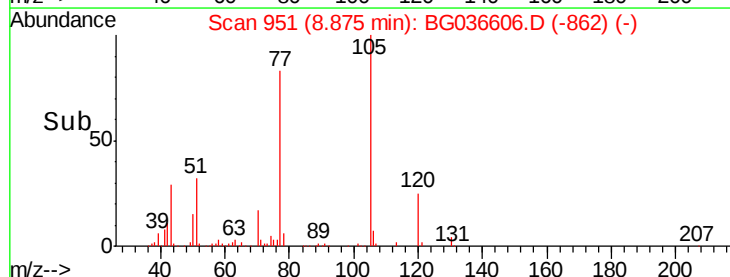
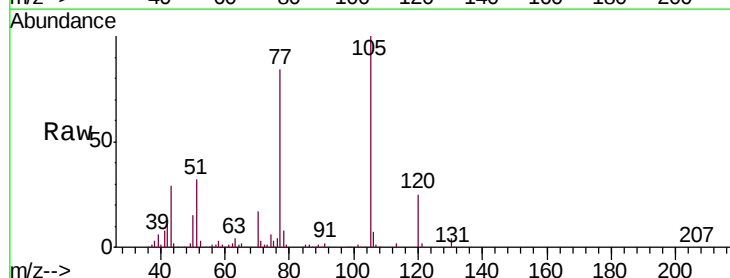
Instrument :
BNA_G
ClientSampleId :
PB112680BS

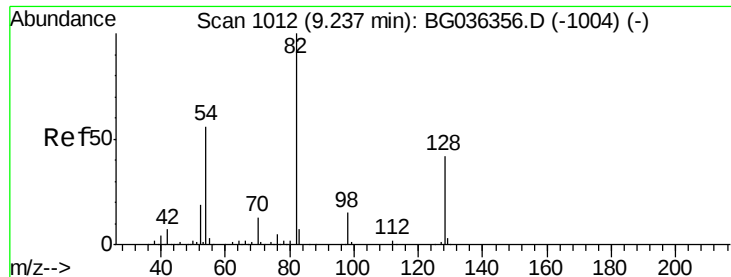
Tgt Ion:	136	Resp:	239020
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.8	13.2
54	11.0	9.2	13.8
68	7.0	5.8	8.6



#22
Acetophenone
Concen: 38.963 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:	105	Resp:	244553
Ion	Ratio	Lower	Upper
105	100		
71	2.8	2.4	3.6
51	31.8	25.9	38.9
120	24.7	19.4	29.0

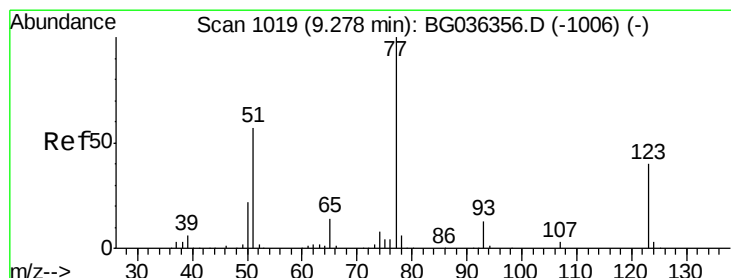
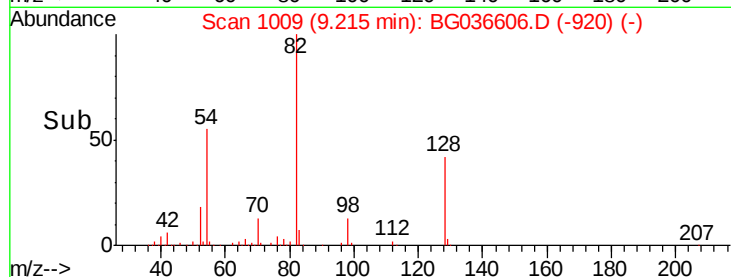
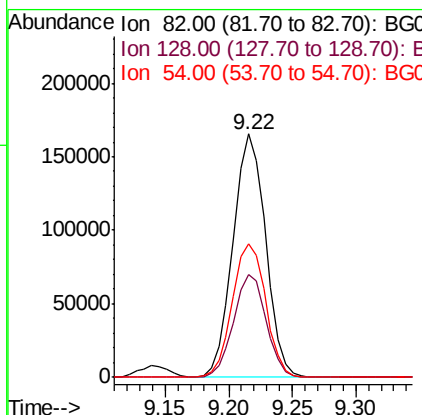
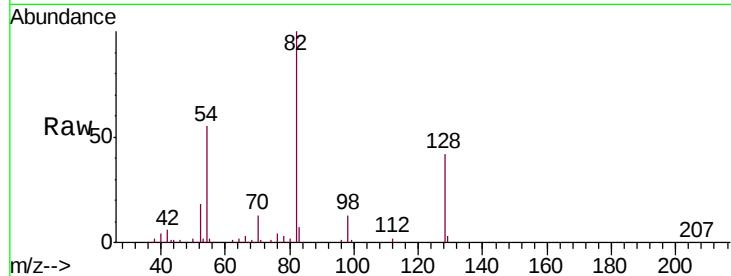




#23
 Nitrobenzene-d5
 Concen: 66.988 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

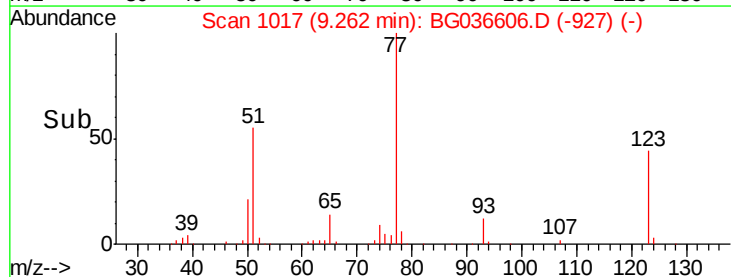
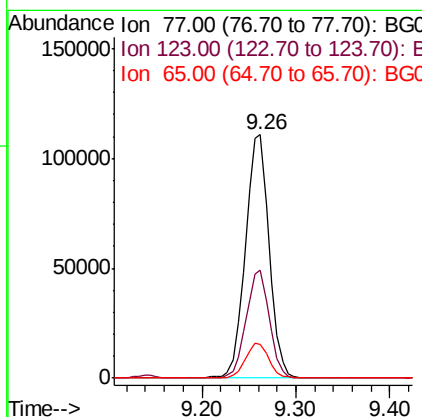
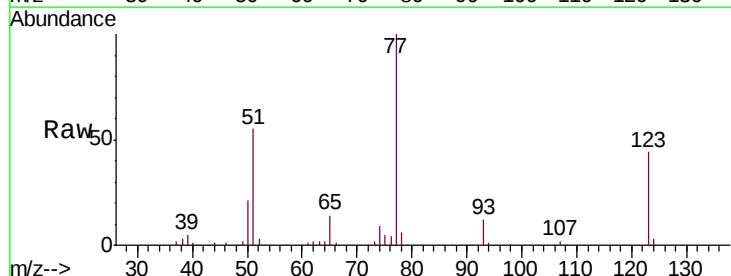
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

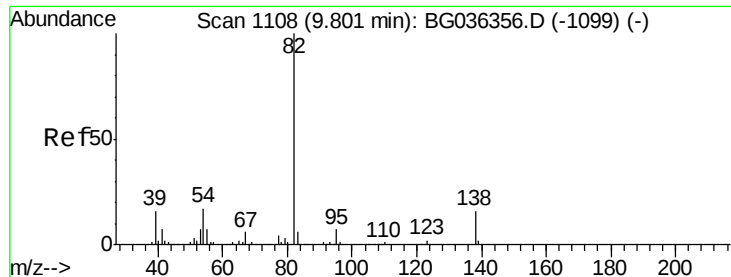
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	54.9	45.1	67.7



#24
 Nitrobenzene
 Concen: 40.619 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	32.4	48.6
65	13.6	11.5	17.3





#25

Isophorone

Concen: 41.203 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

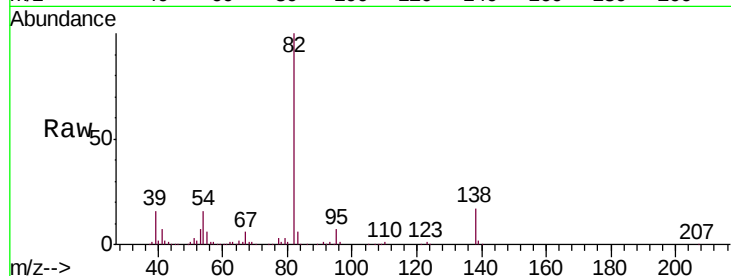
Tgt Ion: 82 Resp: 360583

Ion Ratio Lower Upper

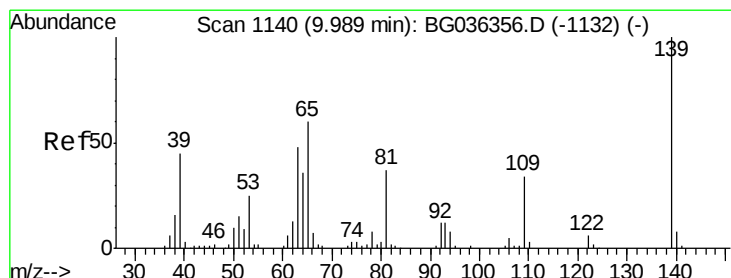
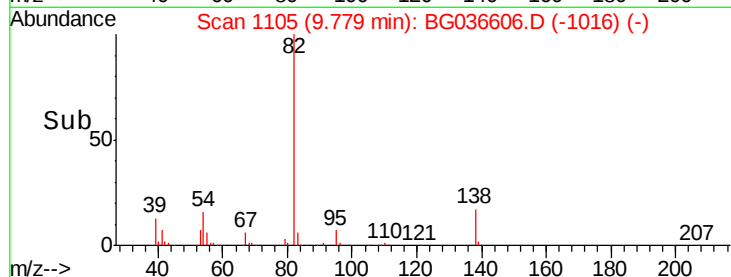
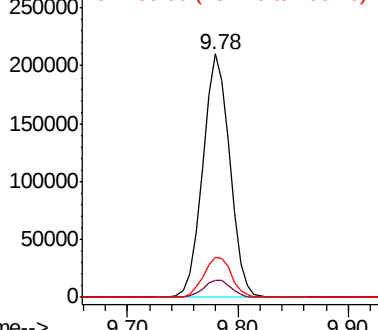
82 100

95 6.9 5.8 8.8

138 16.6 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: 46.774 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

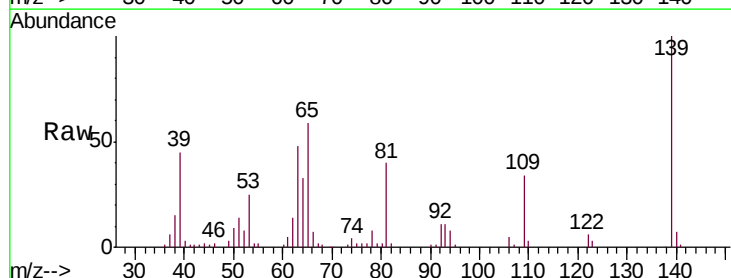
Tgt Ion: 139 Resp: 88048

Ion Ratio Lower Upper

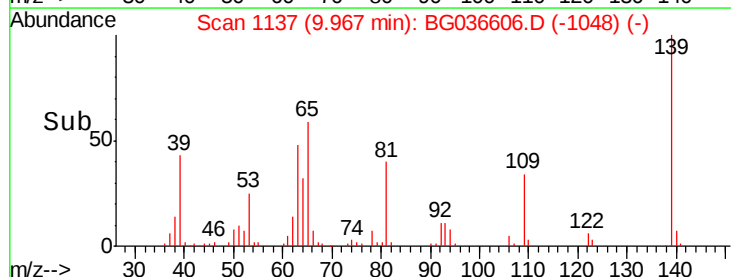
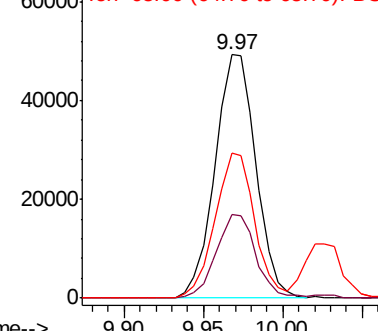
139 100

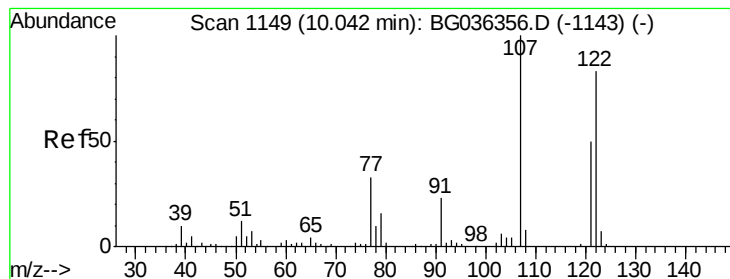
109 34.2 27.4 41.0

65 59.4 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: 46.516 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

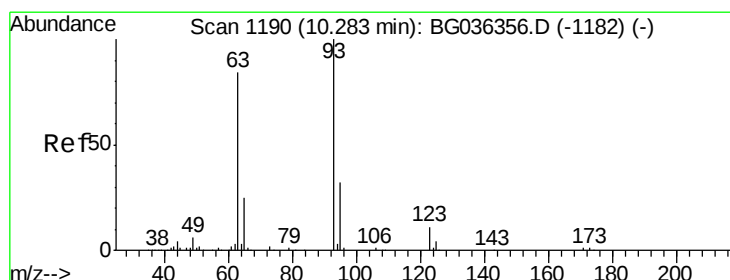
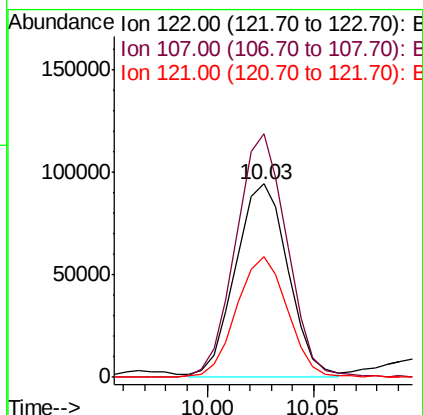
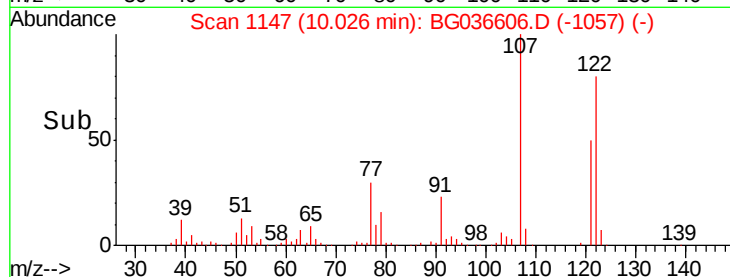
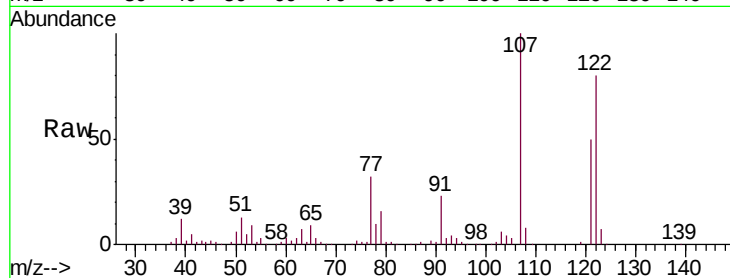
Tgt Ion:122 Resp: 162114

Ion Ratio Lower Upper

122 100

107 125.8 96.0 144.0

121 62.4 48.2 72.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.853 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

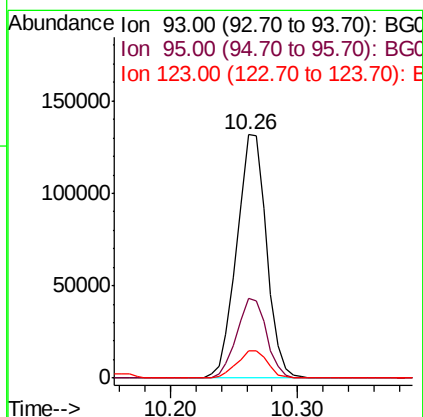
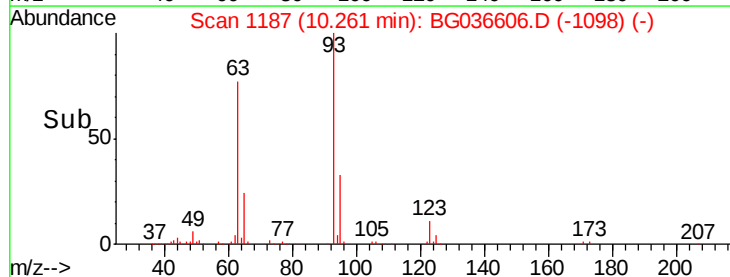
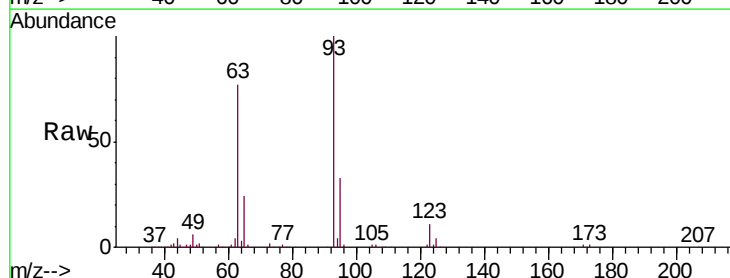
Tgt Ion: 93 Resp: 214050

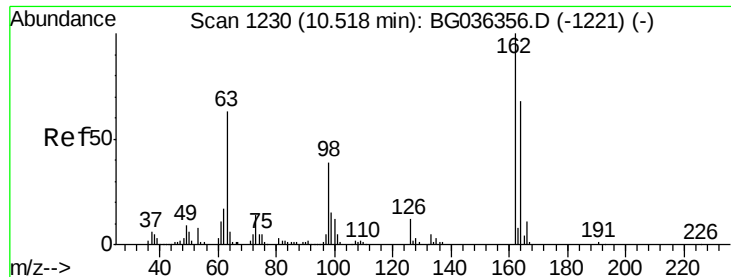
Ion Ratio Lower Upper

93 100

95 32.7 25.2 37.8

123 11.1 8.6 12.8

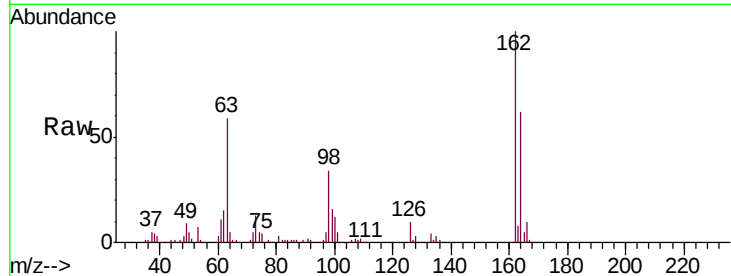




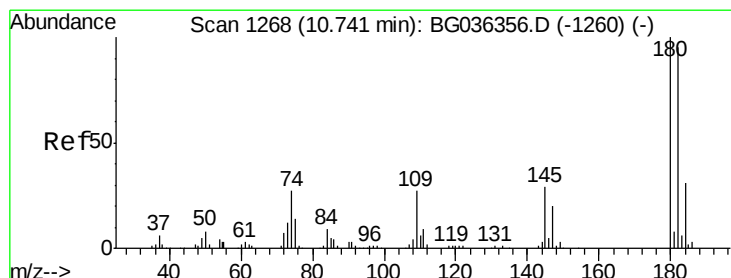
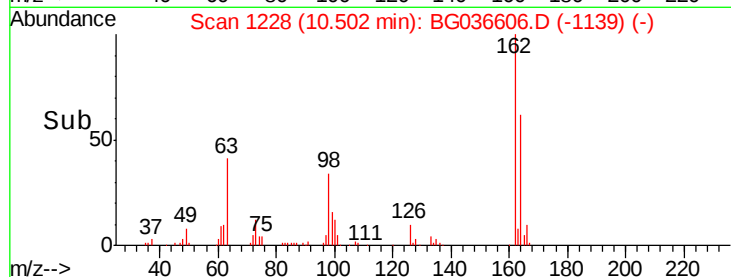
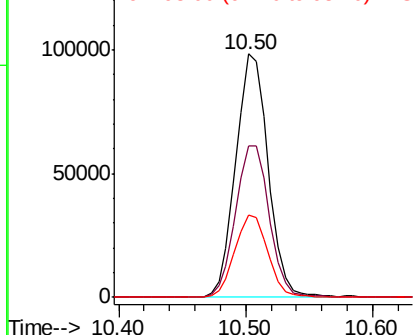
#29
2,4-Dichlorophenol
Concen: 45.674 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:162 Resp: 174451
Ion Ratio Lower Upper
162 100
164 62.3 47.6 87.6
98 33.8 19.2 59.2

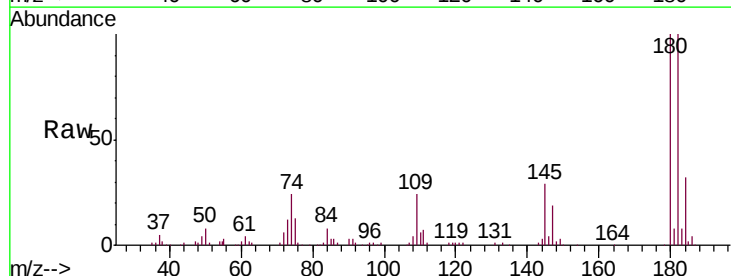


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

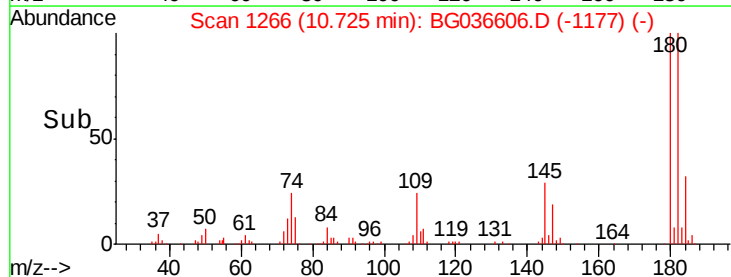
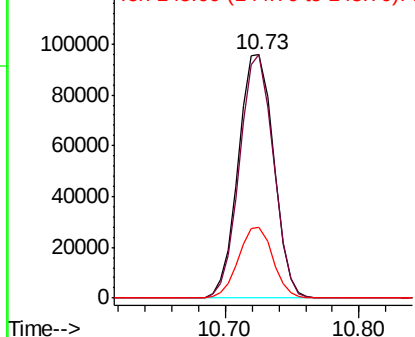


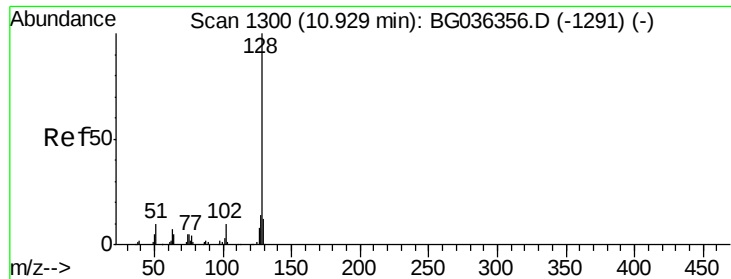
#30
1,2,4-Trichlorobenzene
Concen: 39.313 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:180 Resp: 175657
Ion Ratio Lower Upper
180 100
182 100.0 76.0 114.0
145 29.3 22.9 34.3



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

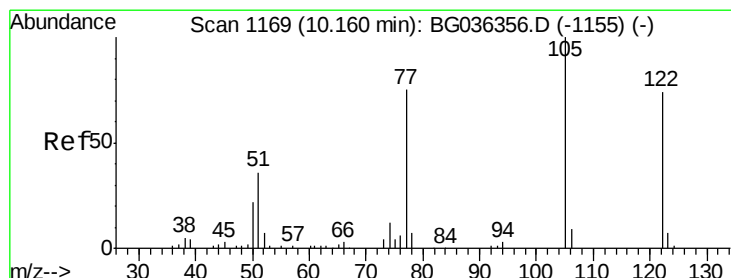
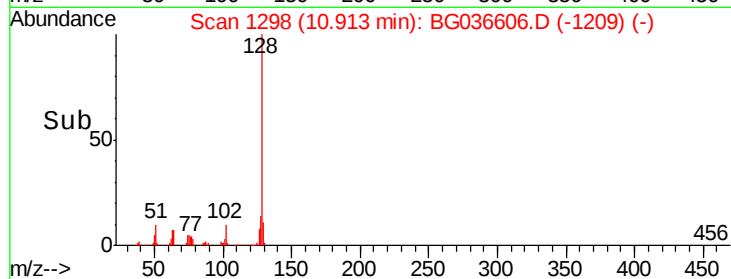
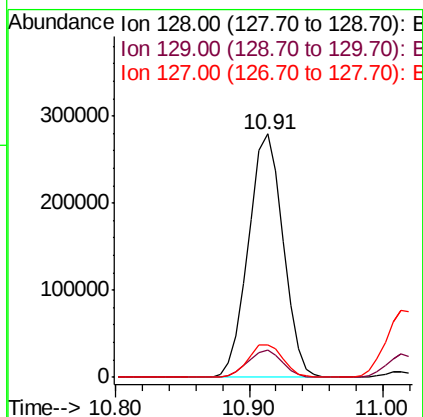
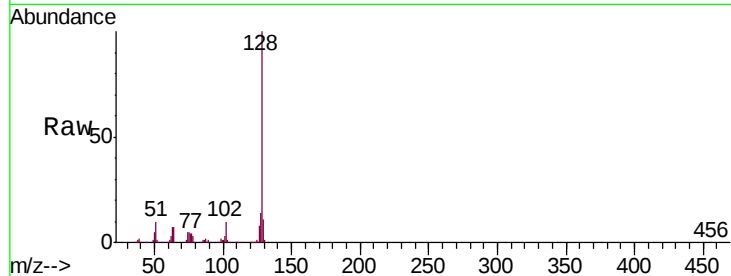




#31
Naphthalene
Concen: 41.973 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

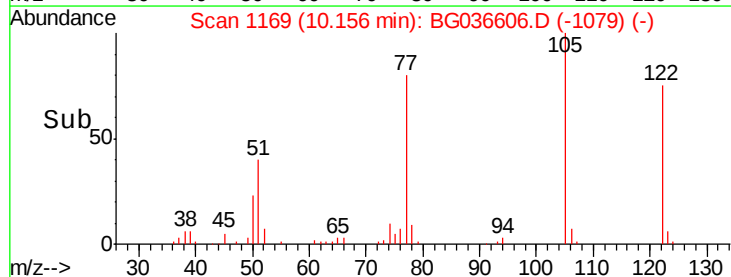
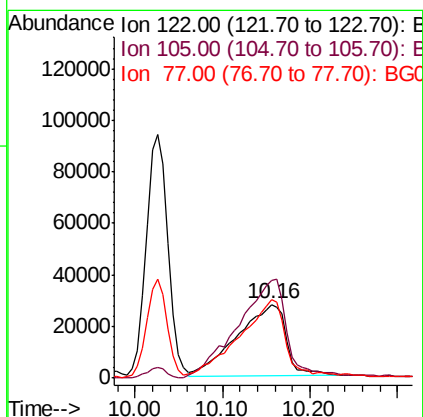
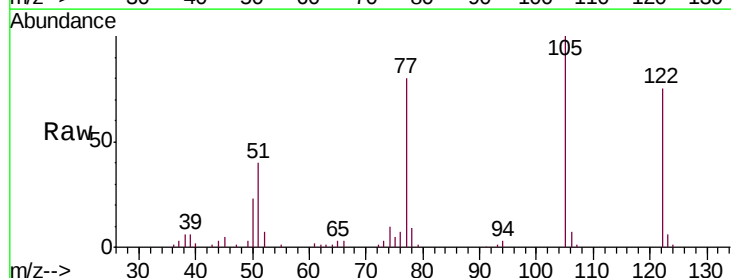
Instrument :
BNA_G
ClientSampleId :
PB112680BS

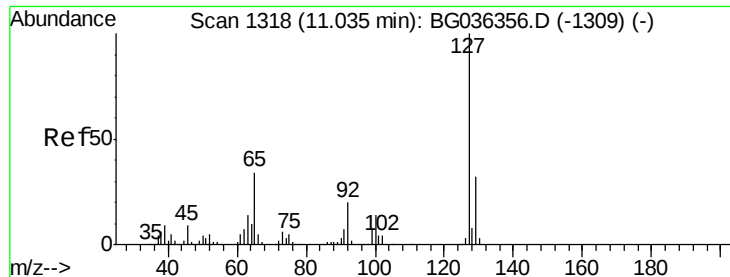
Tgt Ion:128 Resp: 501509
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 42.589 ng
RT: 10.16 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:122 Resp: 108603
Ion Ratio Lower Upper
122 100
105 132.9 108.1 148.1
77 105.9 76.3 116.3

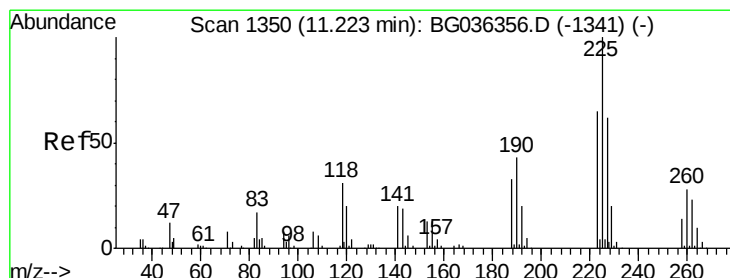
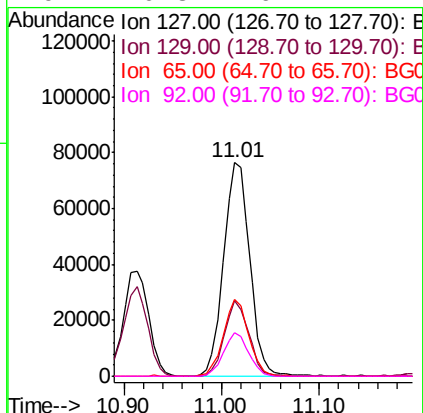
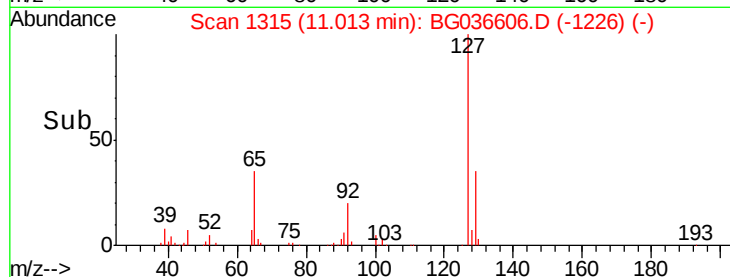
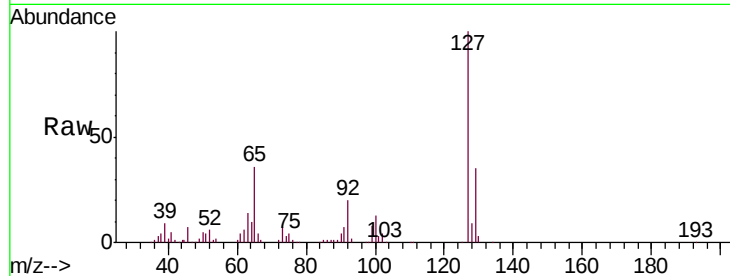




#33
4-Chloroaniline
Concen: 25.971 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

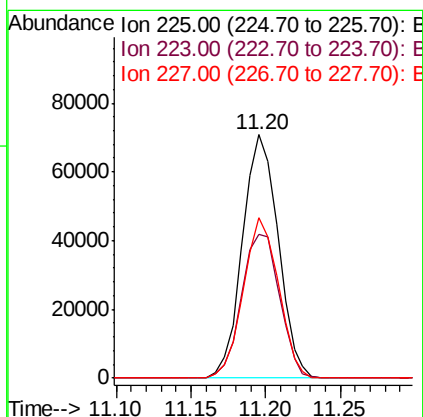
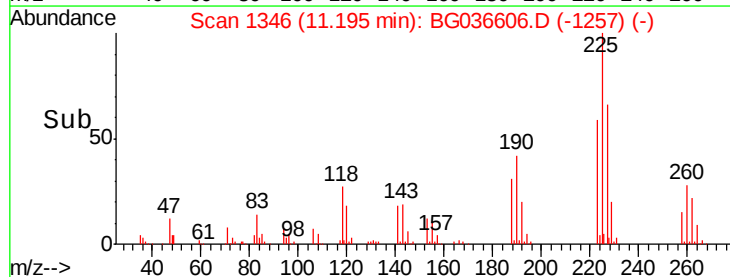
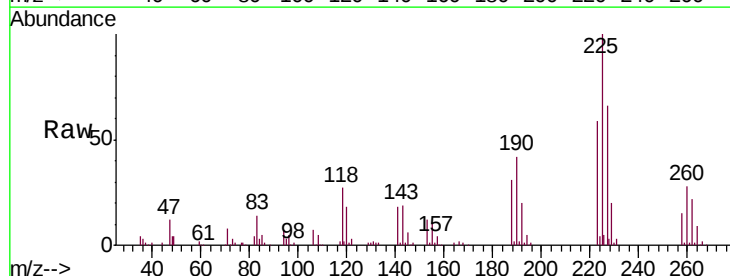
Instrument :
BNA_G
ClientSampled :
PB112680BS

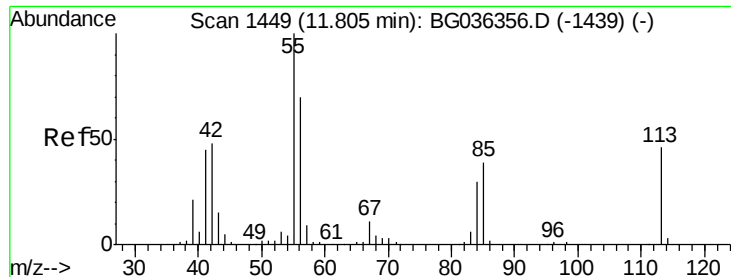
Tgt Ion:127 Resp: 142200
Ion Ratio Lower Upper
127 100
129 35.3 25.9 38.9
65 35.8 27.5 41.3
92 20.3 16.2 24.2



#34
Hexachlorobutadiene
Concen: 39.107 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:225 Resp: 117402
Ion Ratio Lower Upper
225 100
223 59.2 51.8 77.8
227 65.6 49.8 74.6

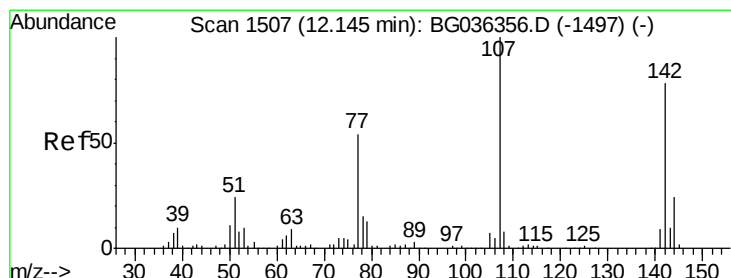
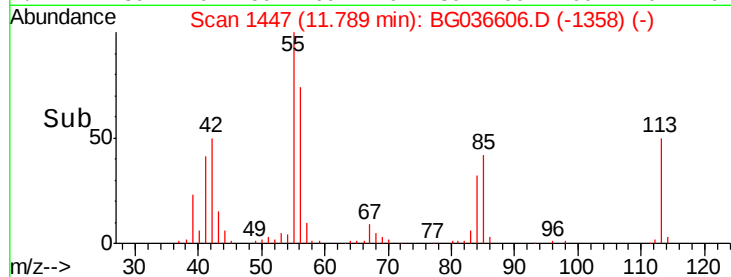
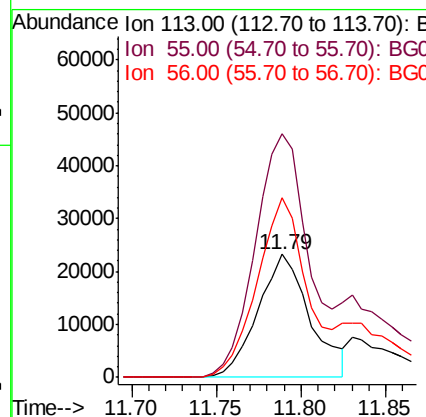
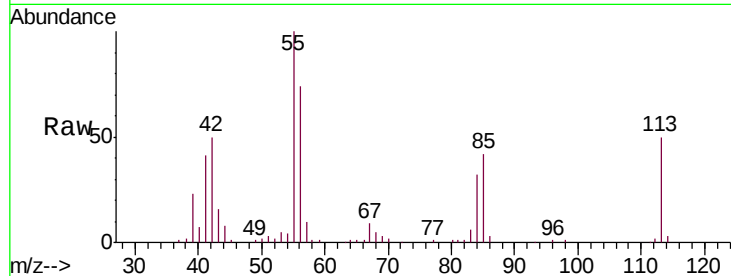




#35
 Caprolactam
 Concen: 32.756 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

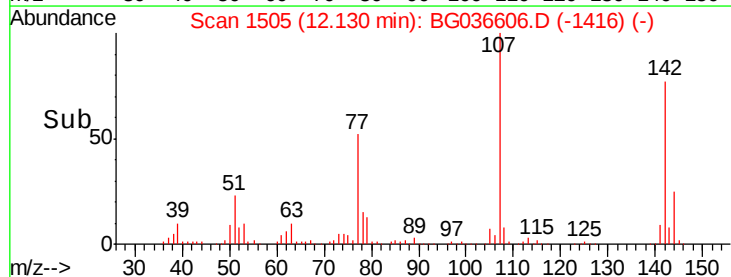
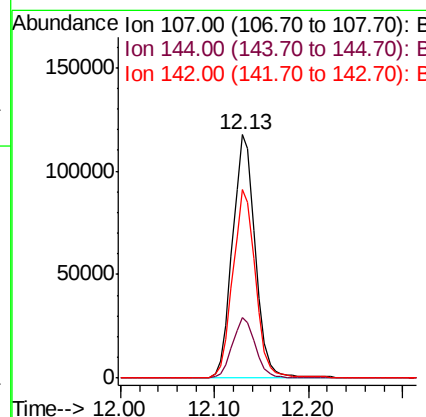
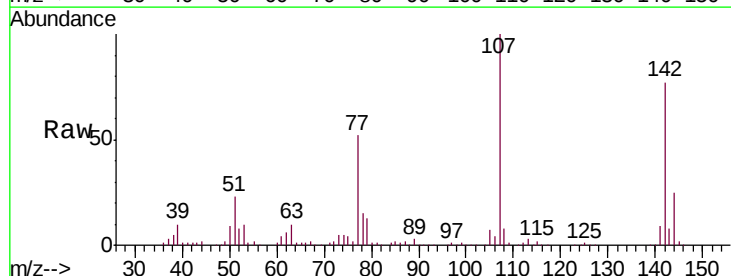
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

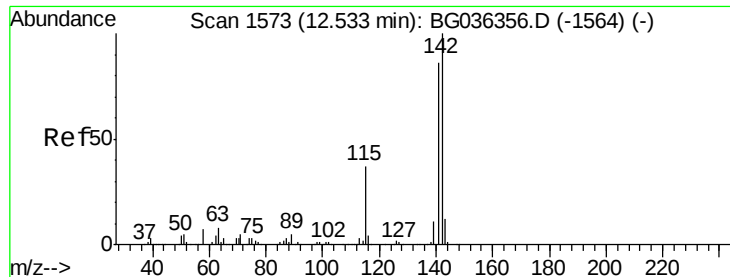
Tgt Ion:113 Resp: 49839
 Ion Ratio Lower Upper
 113 100
 55 198.4 197.7 237.7
 56 146.7 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 44.743 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:107 Resp: 198572
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.5 29.3
 142 77.3 62.4 93.6

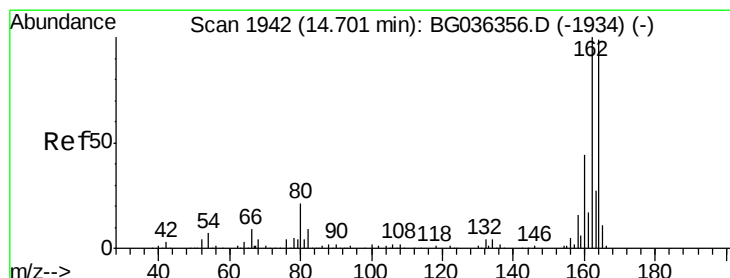
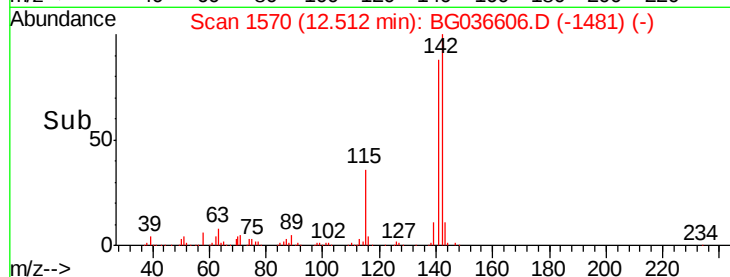
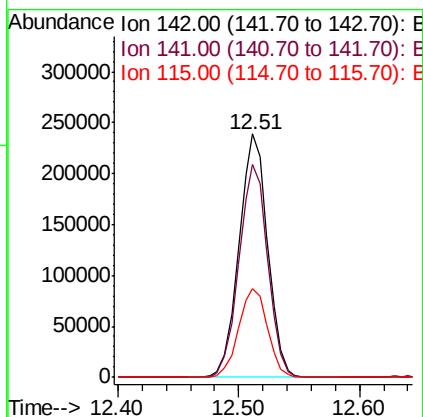
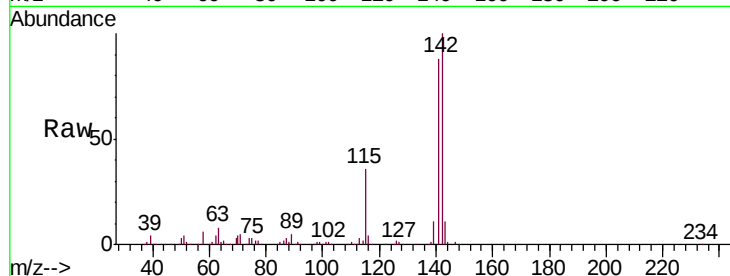




#37
2-Methylnaphthalene
Concen: 44.898 ng
RT: 12.51 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

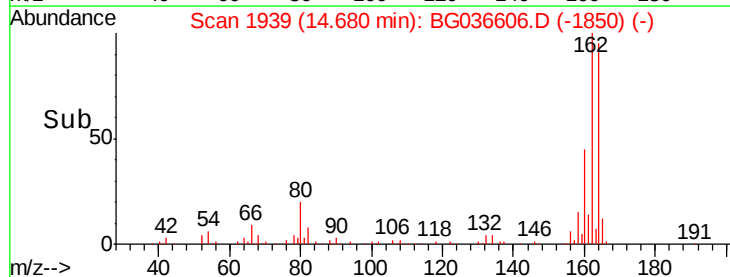
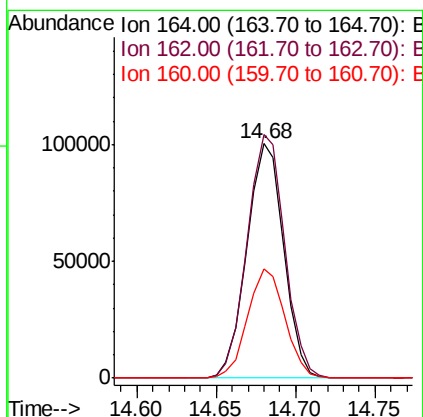
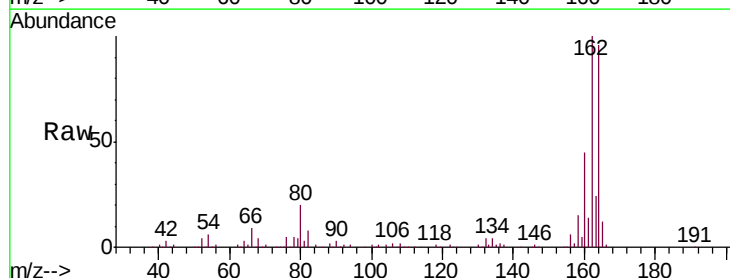
Instrument :
BNA_G
ClientSampleId :
PB112680BS

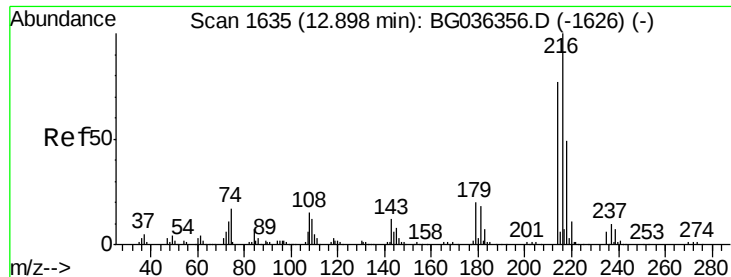
Tgt Ion:142 Resp: 392524
Ion Ratio Lower Upper
142 100
141 87.7 68.5 102.7
115 36.2 29.8 44.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:164 Resp: 162183
Ion Ratio Lower Upper
164 100
162 103.8 80.7 121.1
160 46.8 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.495 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

Tgt Ion:216 Resp: 226681

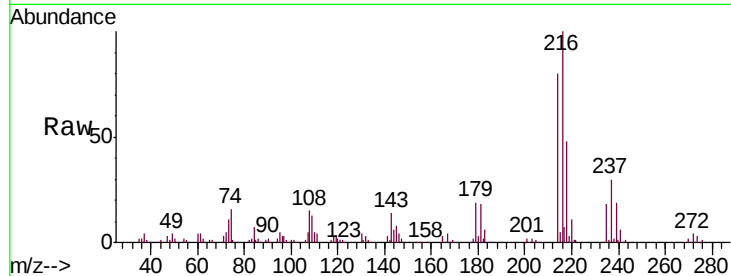
Ion Ratio Lower Upper

216 100

214 78.6 61.0 91.6

179 19.4 15.7 23.5

108 17.6 13.1 19.7

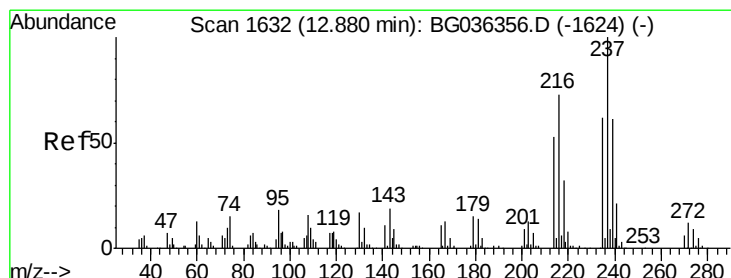
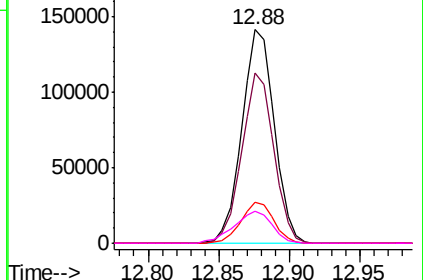
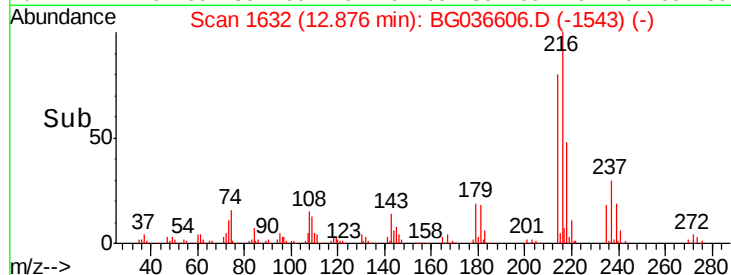


Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.860 ng

RT: 12.86 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

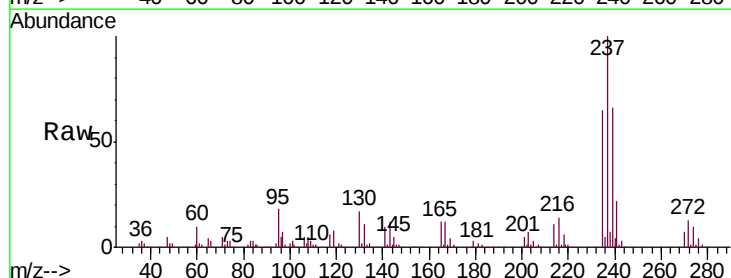
Tgt Ion:237 Resp: 271332

Ion Ratio Lower Upper

237 100

235 65.1 42.2 82.2

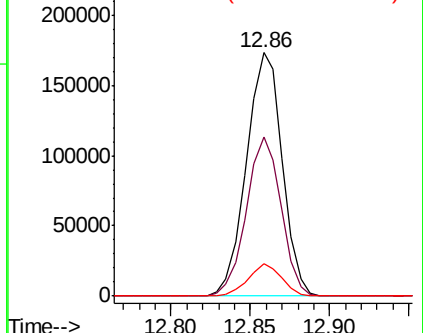
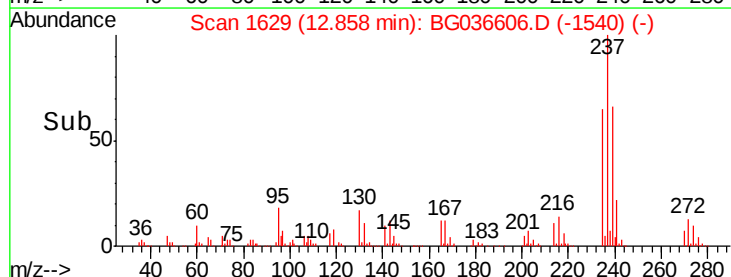
272 13.3 0.0 32.1

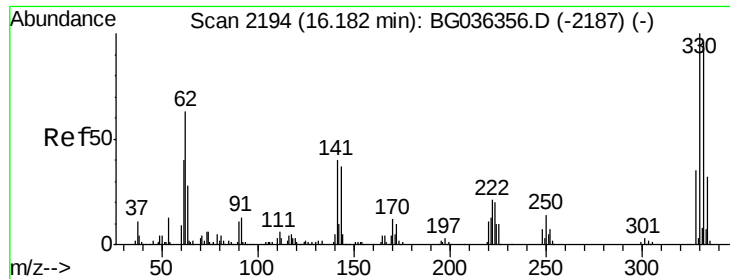


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

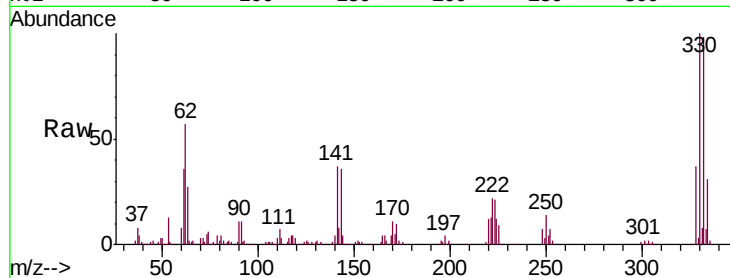




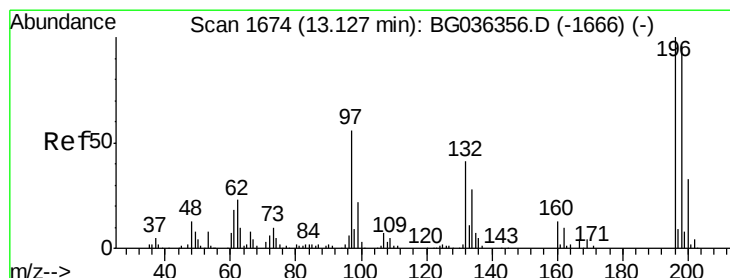
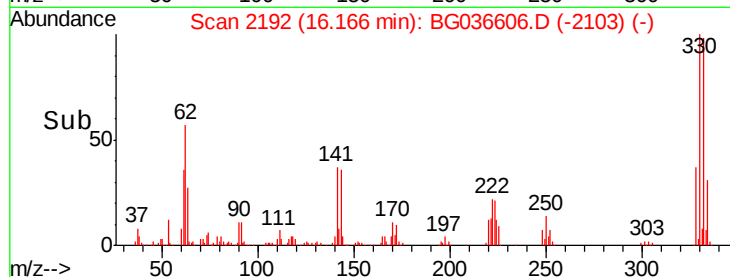
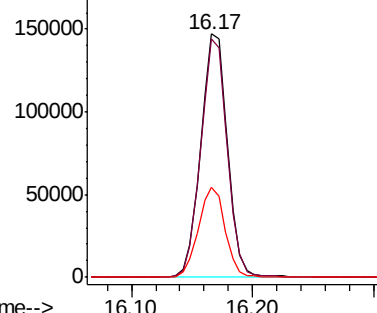
#41
 2,4,6-Tribromophenol
 Concen: 117.177 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion:330 Resp: 226761
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.4 113.2
 141 36.8 30.7 46.1

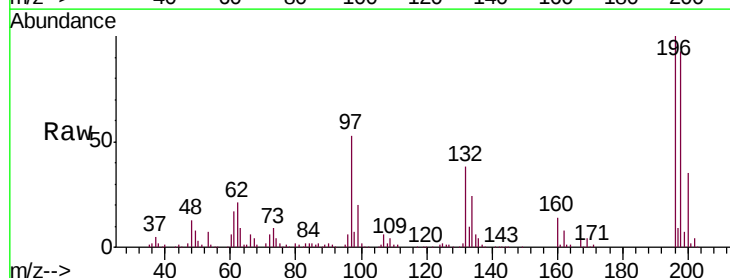


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

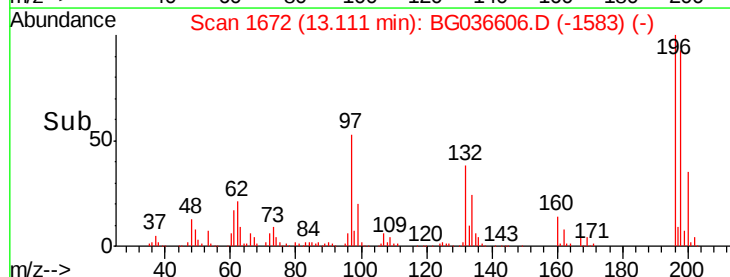
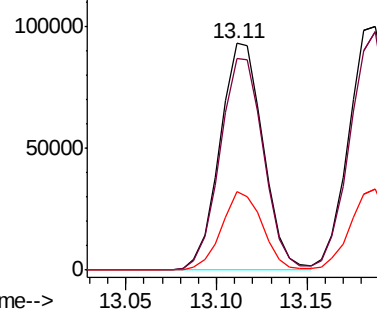


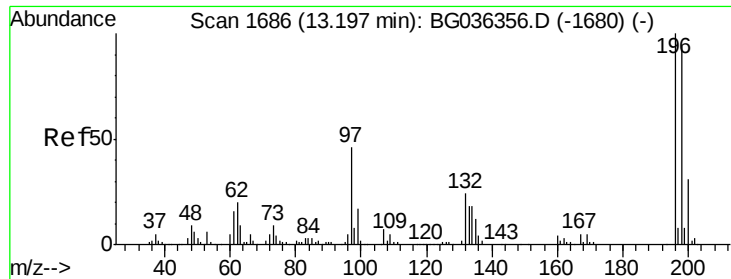
#42
 2,4,6-Trichlorophenol
 Concen: 44.118 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:196 Resp: 154246
 Ion Ratio Lower Upper
 196 100
 198 93.4 77.2 115.8
 200 34.7 26.3 39.5



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

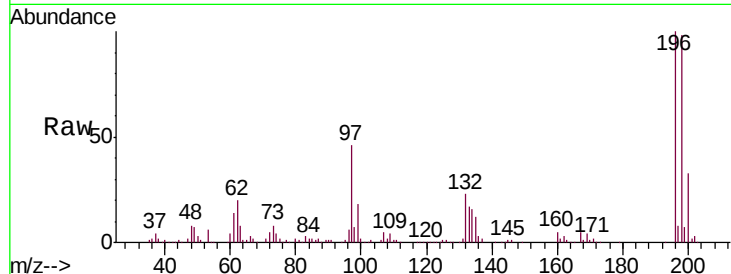




#43
 2,4,5-Trichlorophenol
 Concen: 45.520 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.6	113.4
97	46.1	37.2	55.8
132	23.3	19.4	29.2



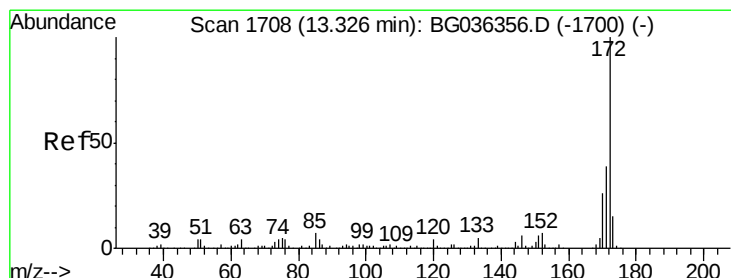
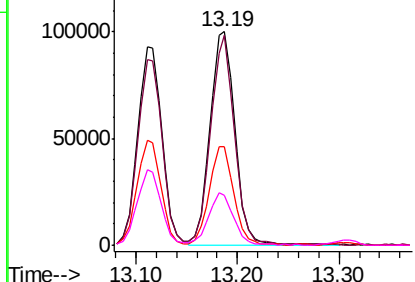
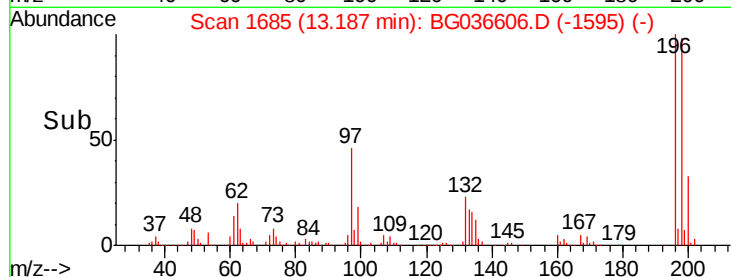
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

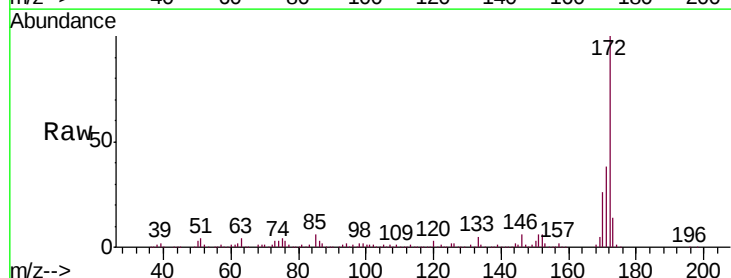
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.482 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	26.1	21.0	31.6

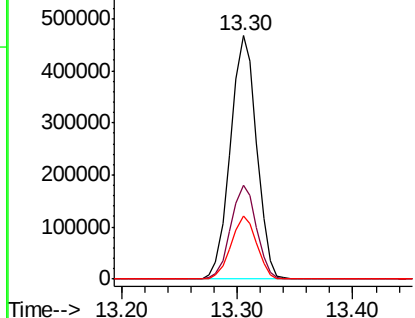
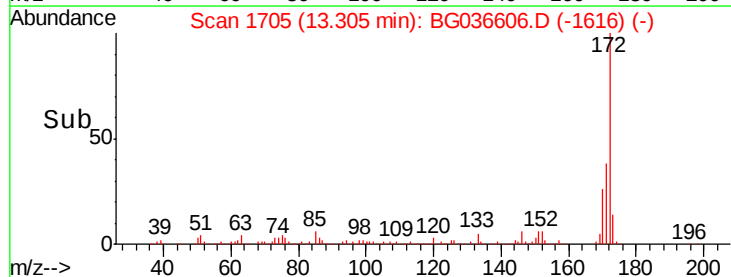


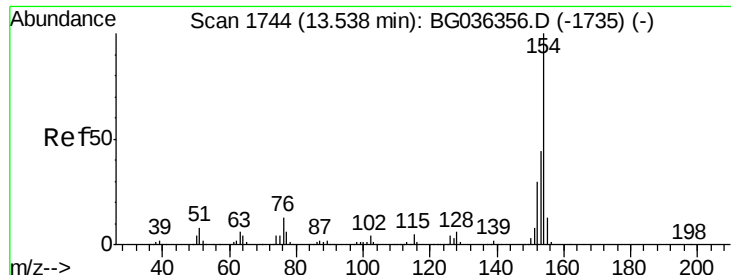
Abundance

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

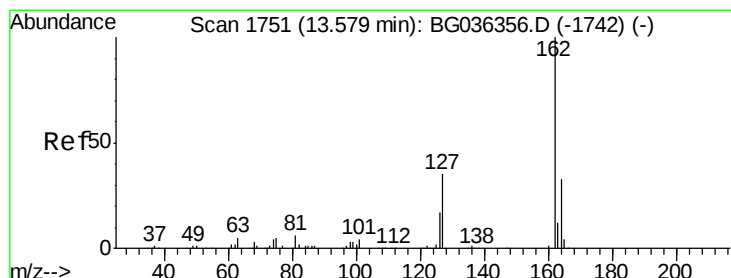
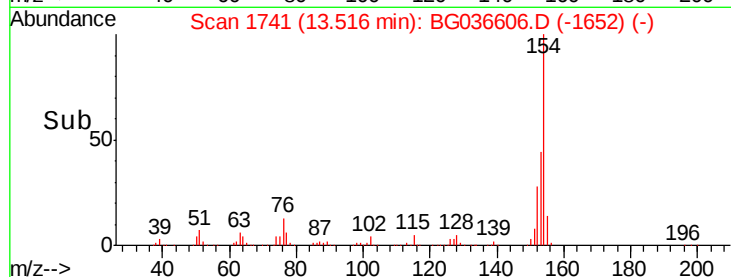
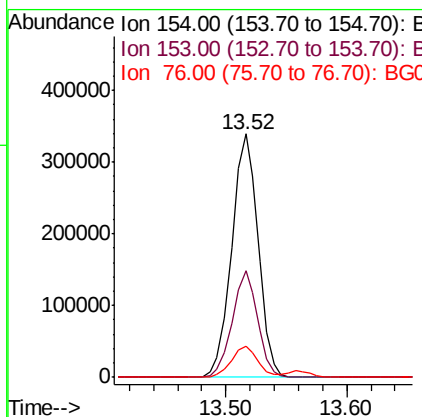
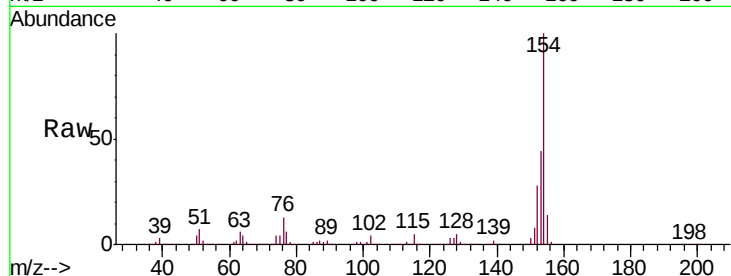




#45
 1,1'-Biphenyl
 Concen: 38.303 ng
 RT: 13.52 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

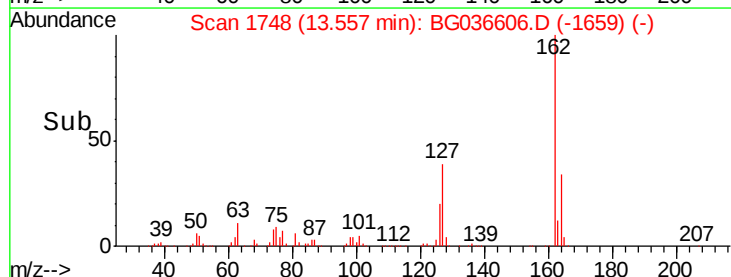
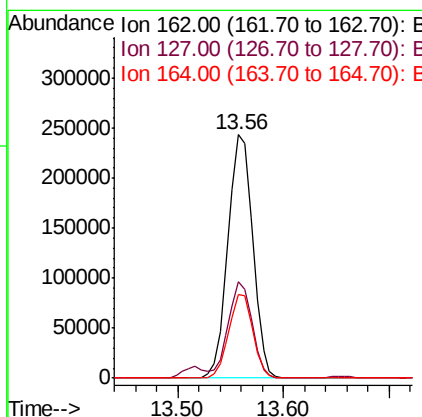
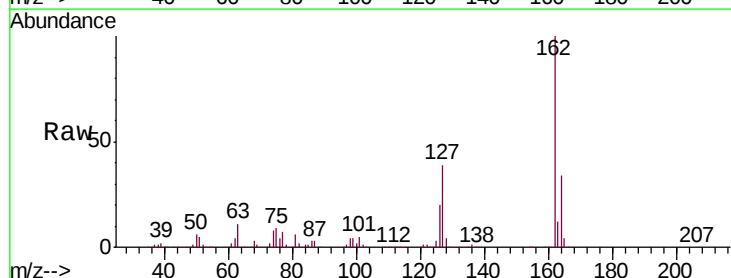
Instrument :
 BNA_G
 ClientSampleID :
 PB112680BS

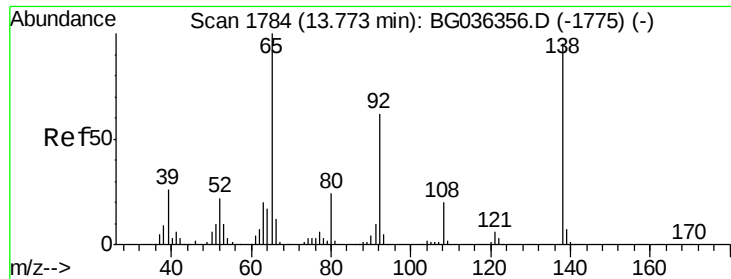
Tgt Ion:	154	Resp:	515649
Ion	Ratio	Lower	Upper
154	100		
153	43.7	24.0	64.0
76	12.8	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 38.357 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:	162	Resp:	394217
Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	34.3	26.7	40.1

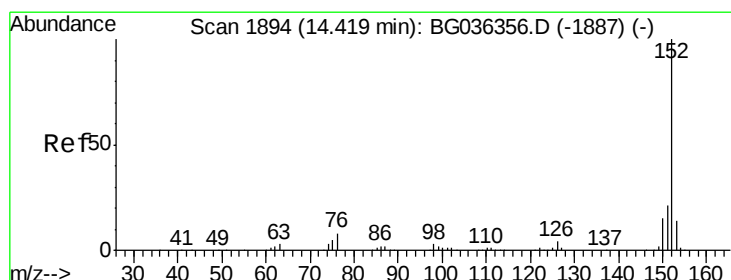
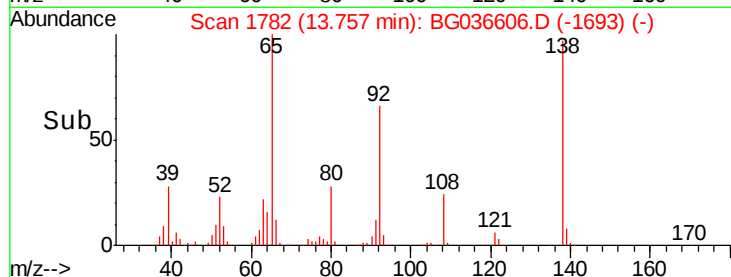
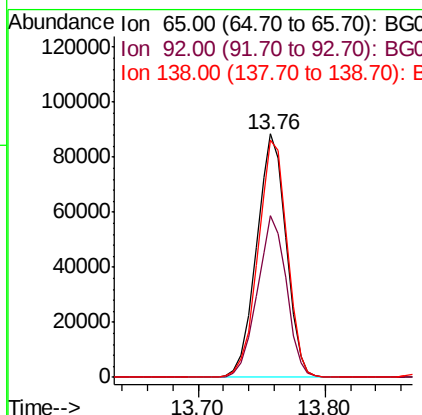
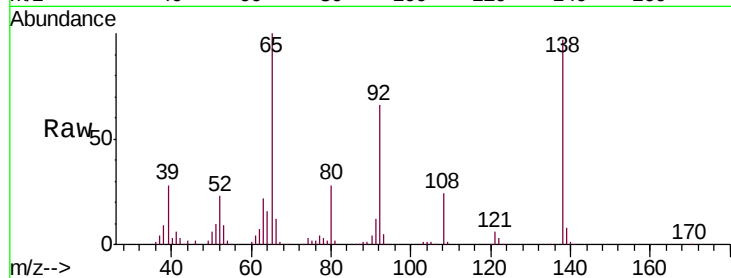




#47
2-Nitroaniline
Concen: 44.443 ng
RT: 13.76 min Scan# 1782
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

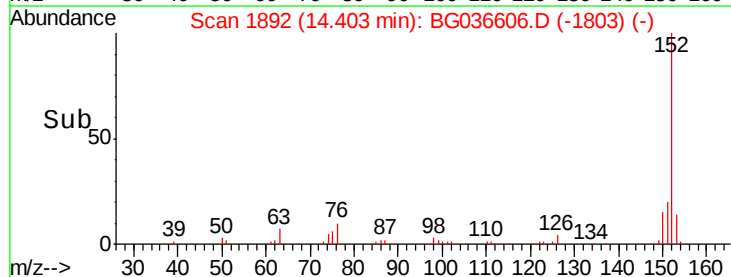
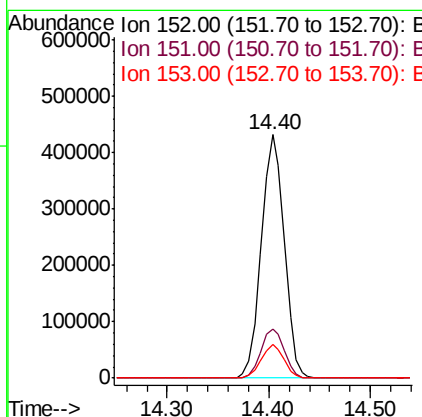
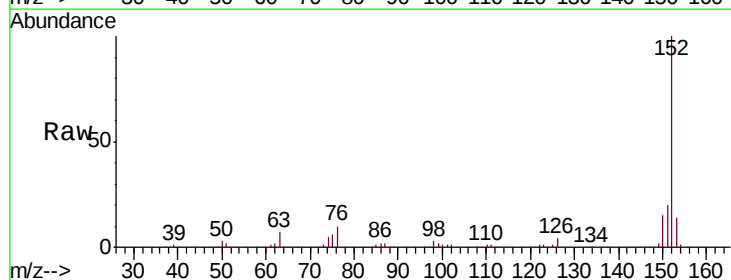
Instrument :
BNA_G
ClientSampleId :
PB112680BS

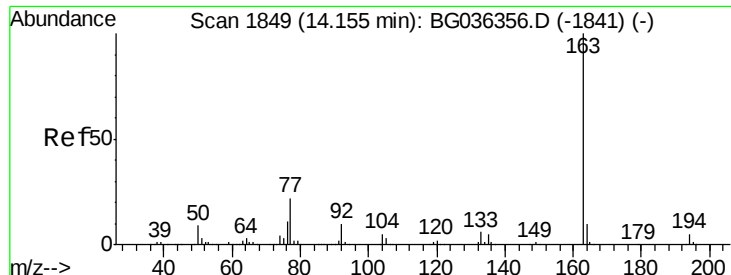
Tgt Ion: 65 Resp: 143433
Ion Ratio Lower Upper
65 100
92 66.3 49.9 74.9
138 97.4 76.2 114.4



#48
Acenaphthylene
Concen: 42.178 ng
RT: 14.40 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion: 152 Resp: 677474
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 14.0 11.2 16.8





#49

Dimethylphthalate

Concen: 40.705 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

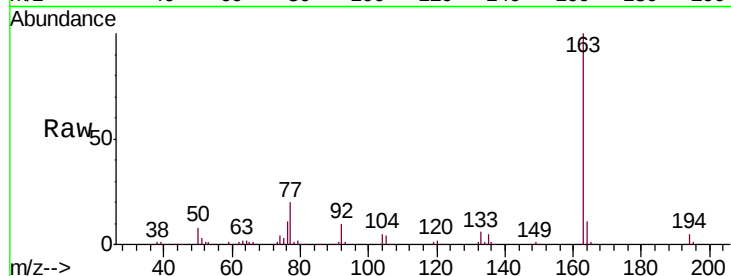
Tgt Ion:163 Resp: 539060

Ion Ratio Lower Upper

163 100

194 5.1 4.0 6.0

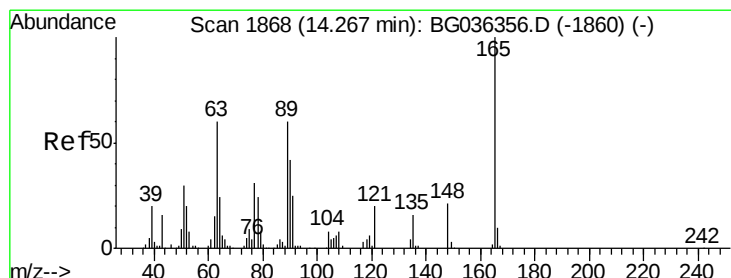
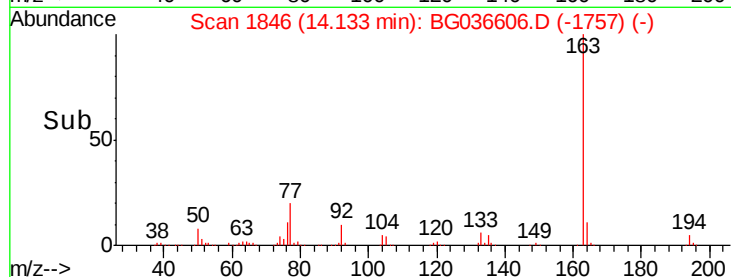
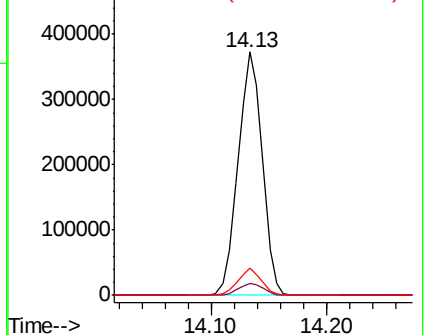
164 11.0 8.1 12.1



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: 44.831 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

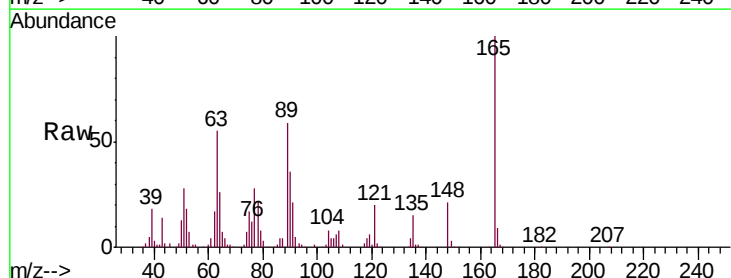
Tgt Ion:165 Resp: 122168

Ion Ratio Lower Upper

165 100

63 55.5 50.1 75.1

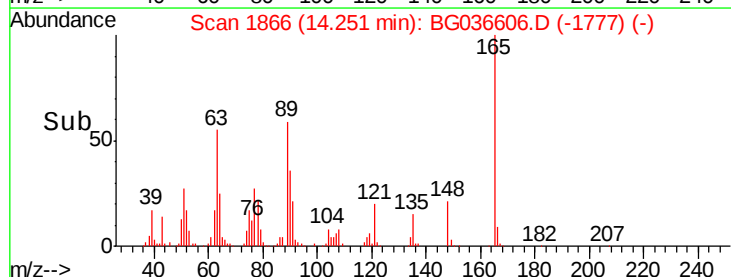
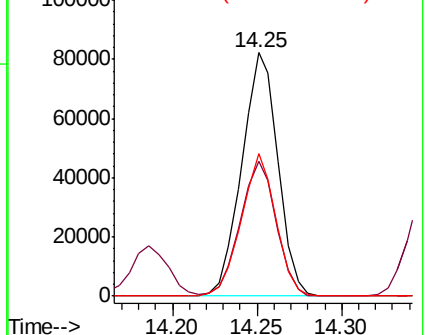
89 58.8 47.8 71.6

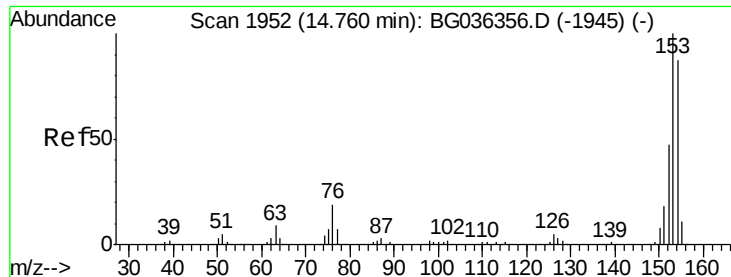


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.049 ng

RT: 14.74 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

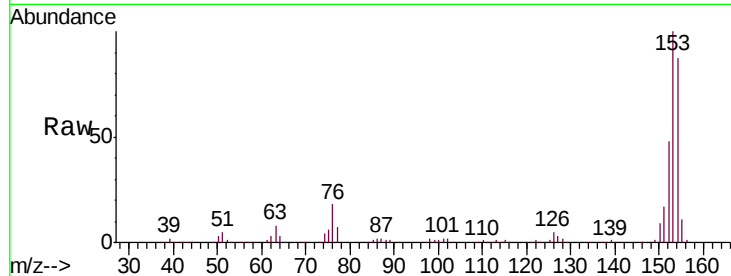
Tgt Ion:154 Resp: 401689

Ion Ratio Lower Upper

154 100

153 114.8 91.8 137.6

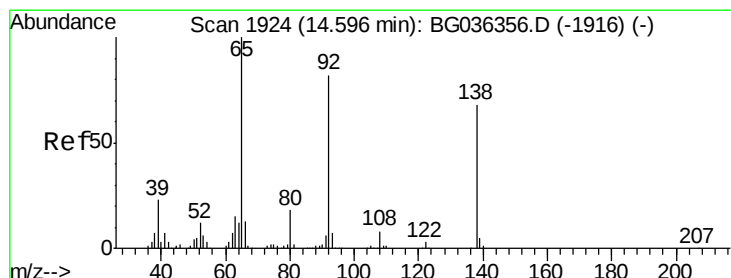
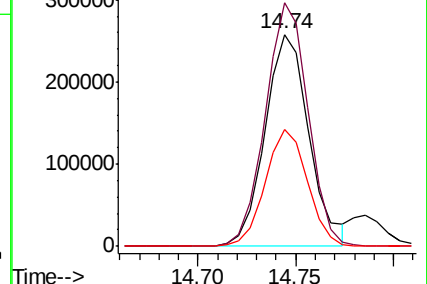
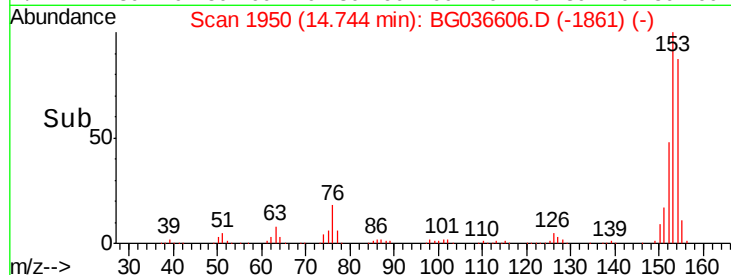
152 54.9 43.5 65.3



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: 35.824 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

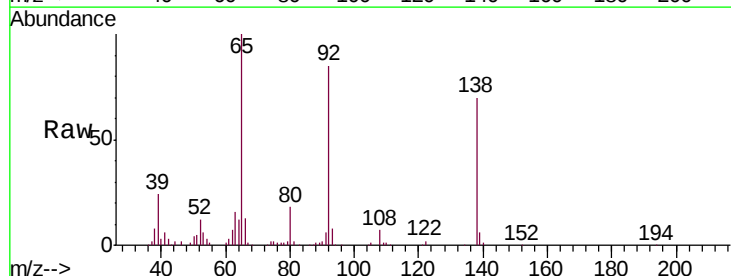
Tgt Ion:138 Resp: 105201

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.2

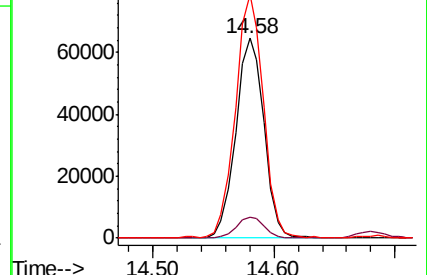
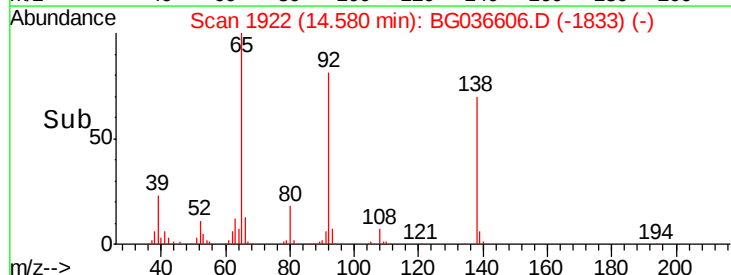
92 122.1 96.8 145.2

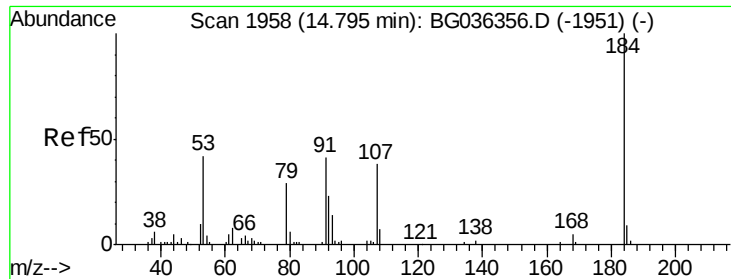


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E

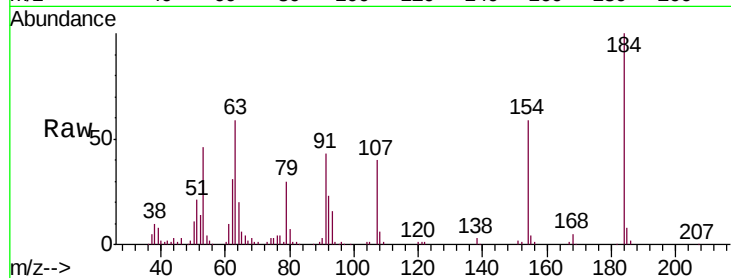




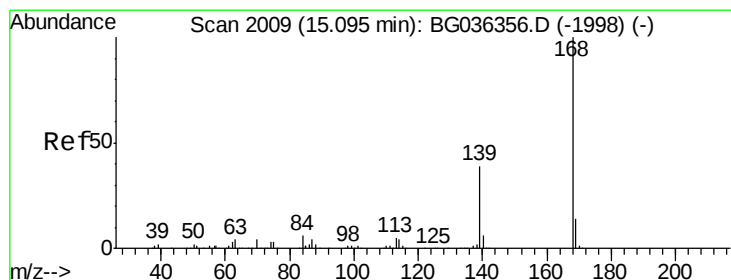
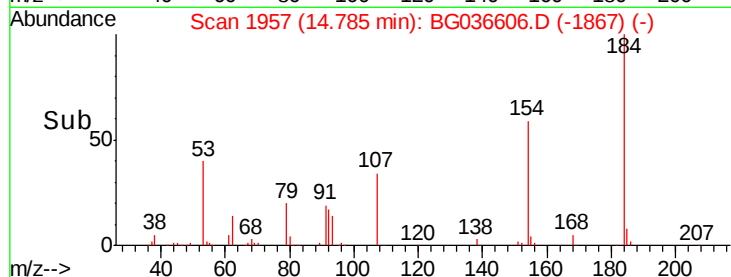
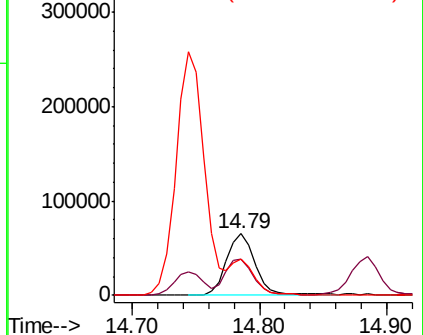
#53
2,4-Dinitrophenol
Concen: 100.292 ng
RT: 14.79 min Scan# 1957
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:184 Resp: 103521
Ion Ratio Lower Upper
184 100
63 59.2 47.3 70.9
154 58.5 51.1 76.7

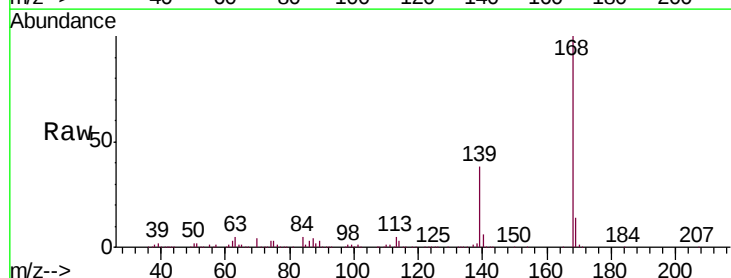


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

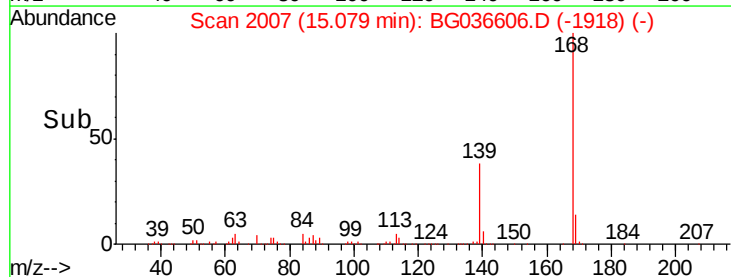
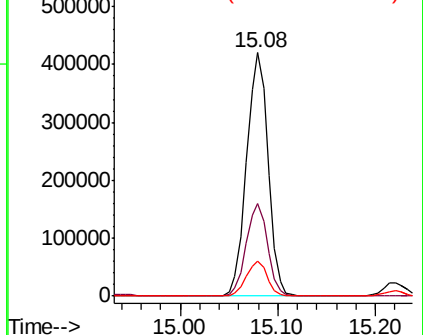


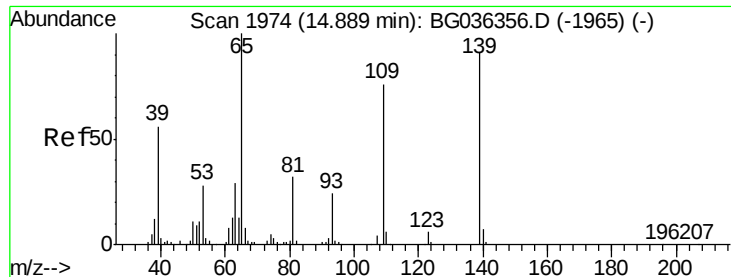
#54
Dibenzofuran
Concen: 40.308 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:168 Resp: 649597
Ion Ratio Lower Upper
168 100
139 37.9 31.0 46.6
169 14.4 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

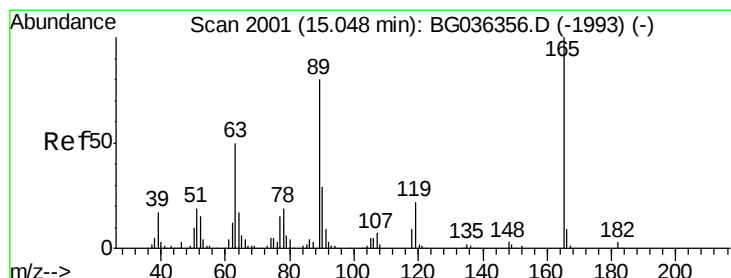
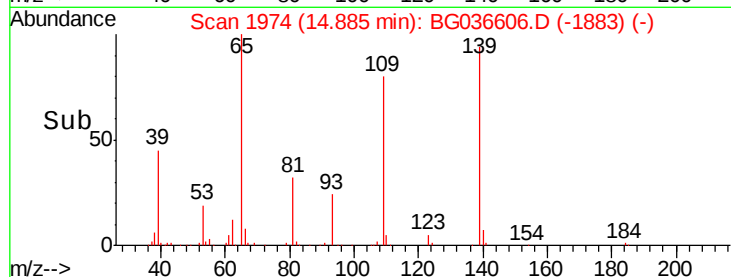
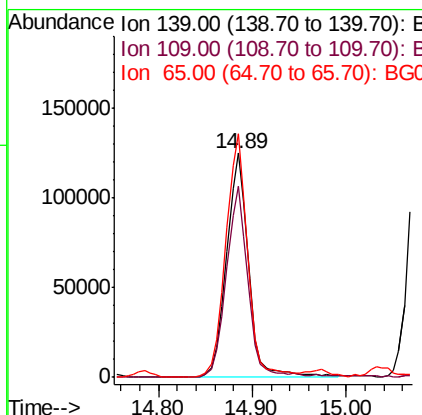
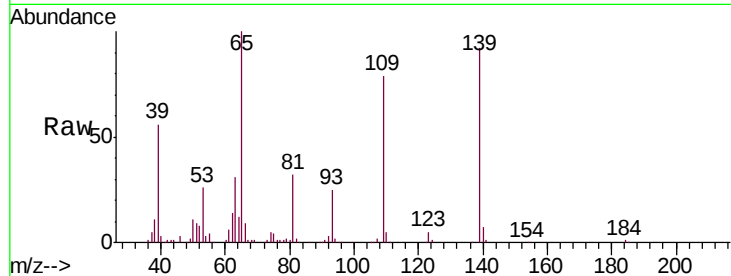




#55
4-Nitrophenol
Concen: 85.044 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

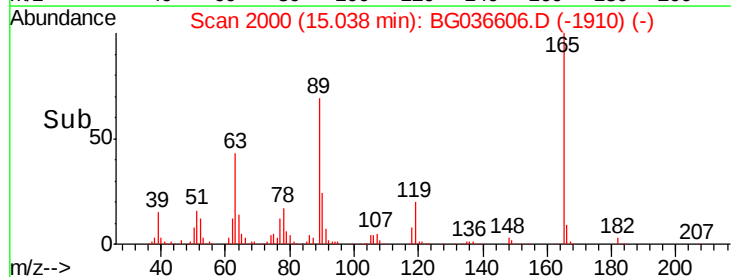
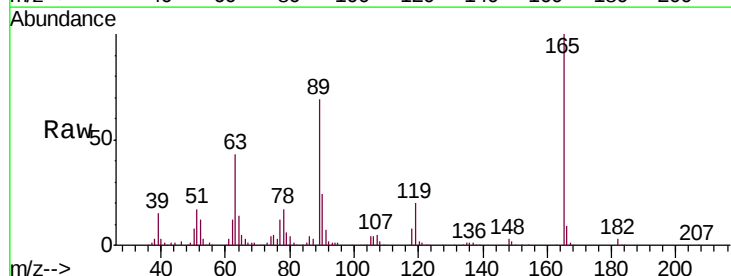
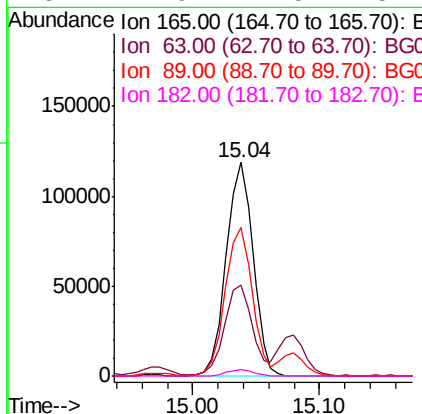
Instrument :
BNA_G
ClientSampleId :
PB112680BS

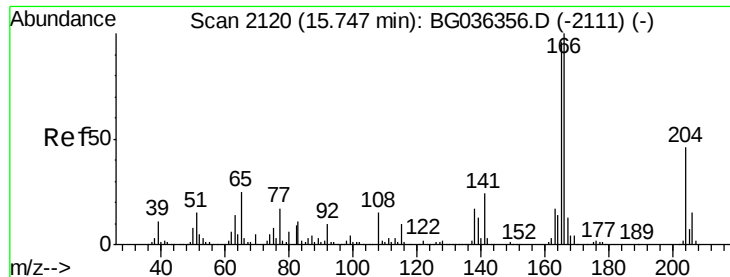
Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.3	63.9	103.9
65	108.6	90.0	130.0



#56
2,4-Dinitrotoluene
Concen: 49.080 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.6	40.1	60.1
89	69.5	63.7	95.5
182	2.9	2.5	3.7

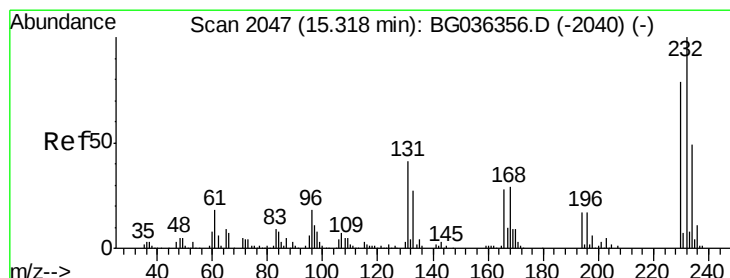
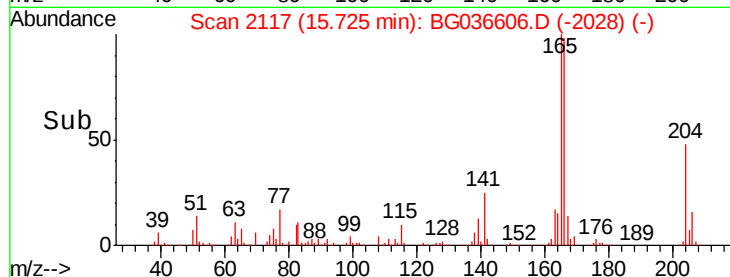
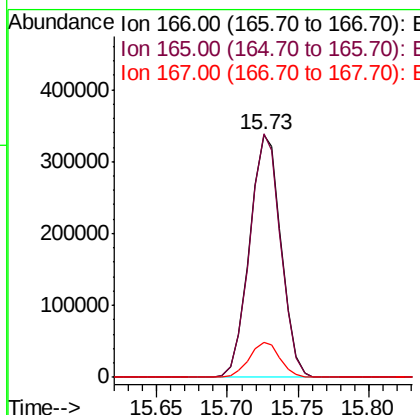
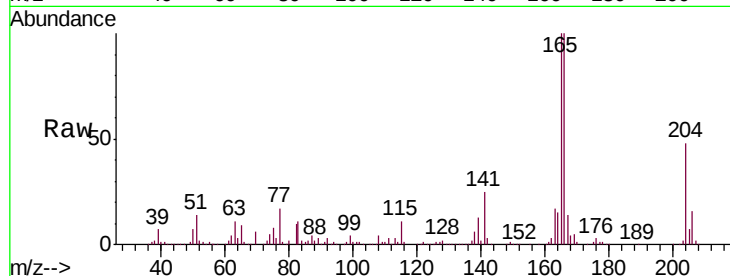




#57
 Fluorene
 Concen: 43.775 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

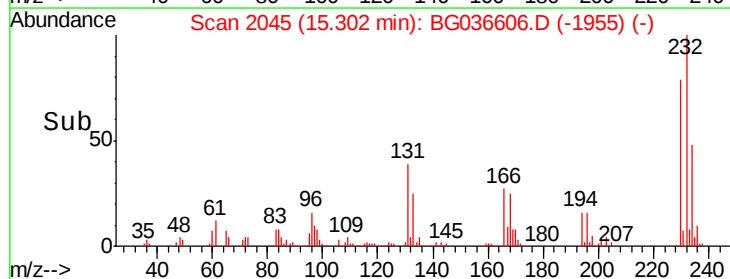
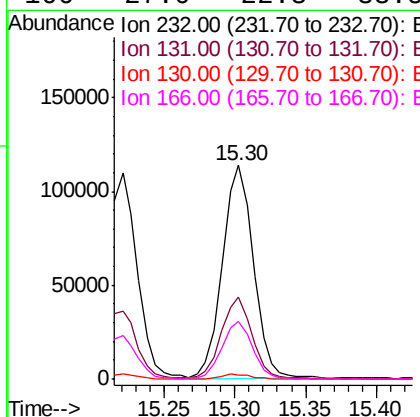
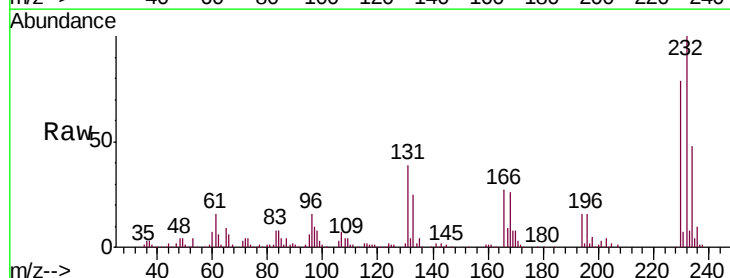
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

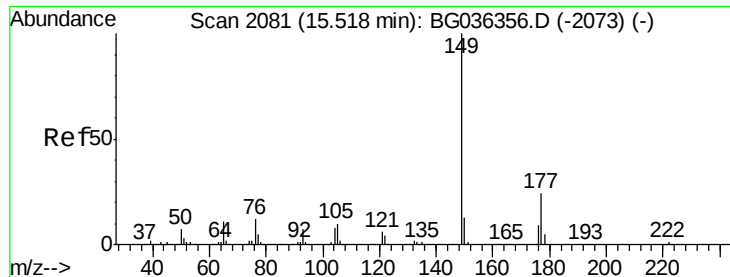
Tgt Ion:166 Resp: 527395
 Ion Ratio Lower Upper
 166 100
 165 100.4 77.0 115.4
 167 14.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.601 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:232 Resp: 173783
 Ion Ratio Lower Upper
 232 100
 131 38.0 33.8 50.8
 130 2.2 2.1 3.1
 166 27.0 22.3 33.5

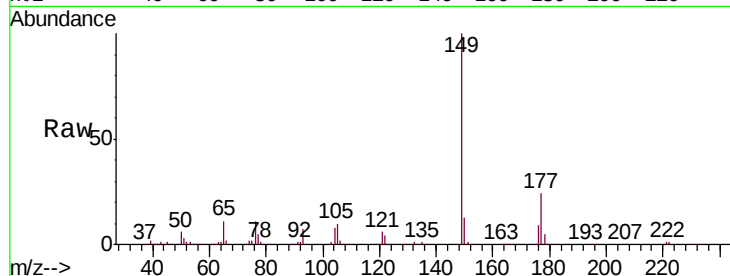




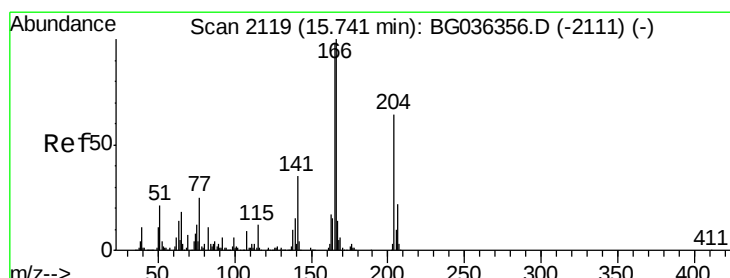
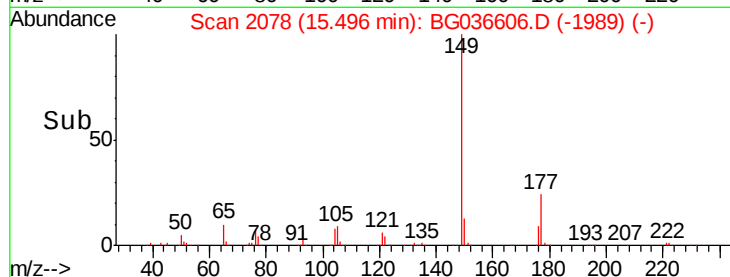
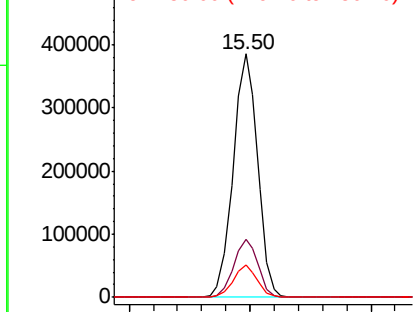
#59
Diethylphthalate
Concen: 40.587 ng
RT: 15.50 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:149 Resp: 541692
Ion Ratio Lower Upper
149 100
177 23.9 19.1 28.7
150 13.2 10.7 16.1

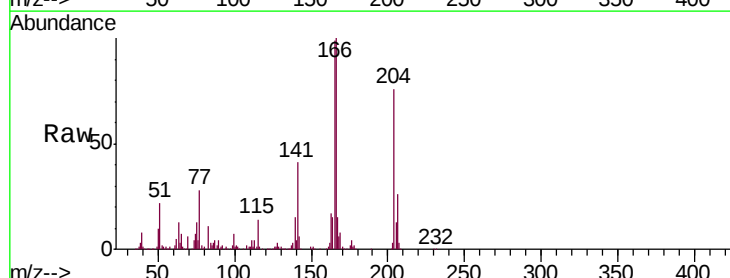


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

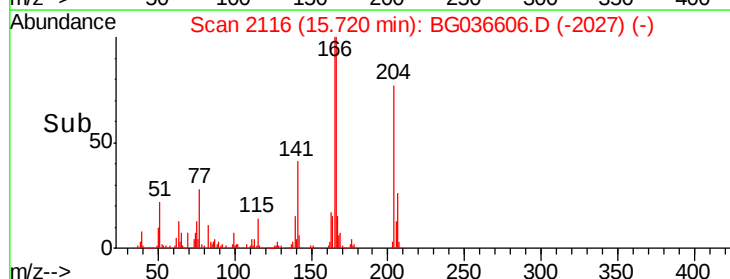
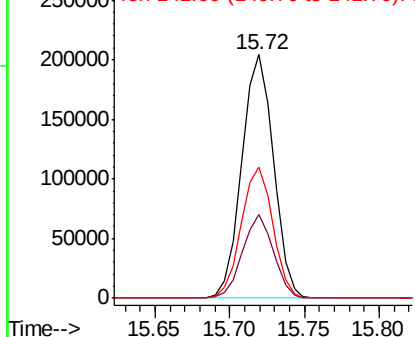


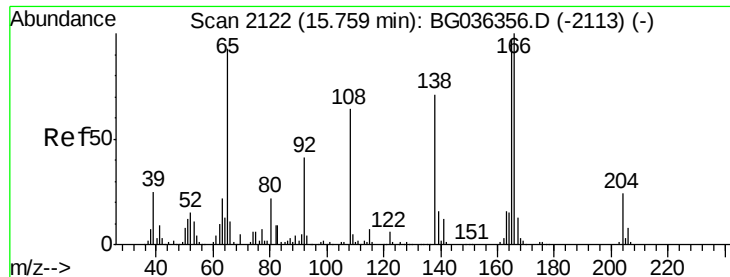
#60
4-Chlorophenyl-phenylether
Concen: 40.291 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:204 Resp: 299744
Ion Ratio Lower Upper
204 100
206 34.2 27.0 40.4
141 53.7 43.8 65.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

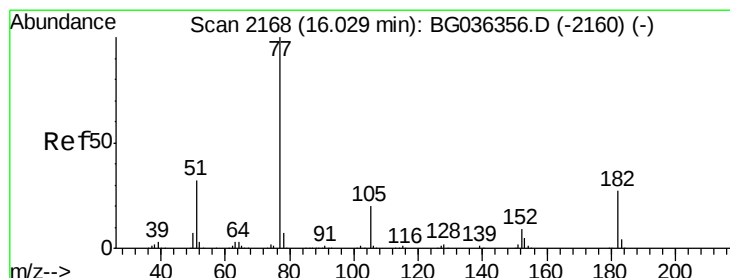
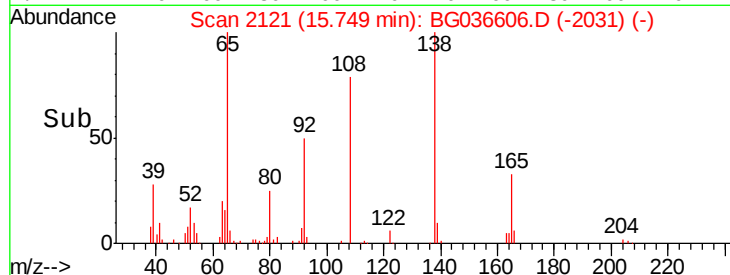
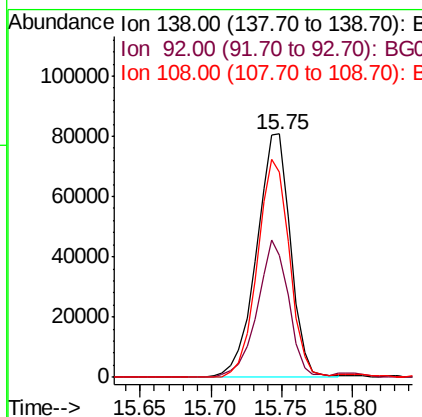
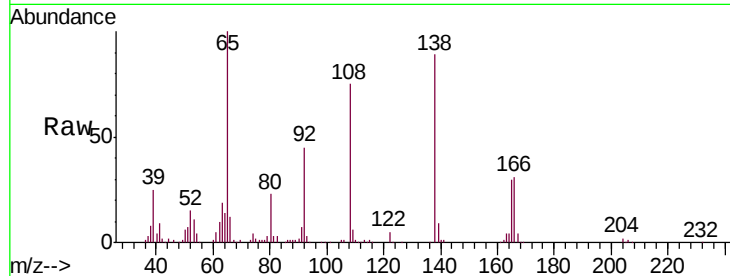




#61
4-Nitroaniline
Concen: 44.344 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

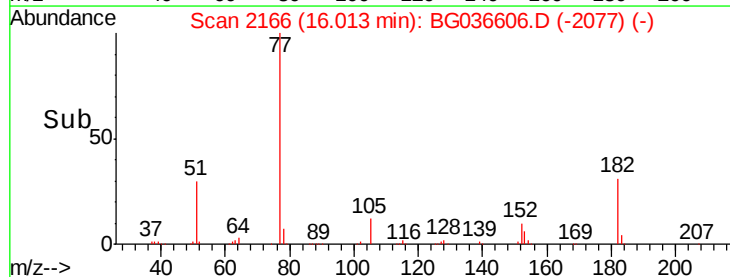
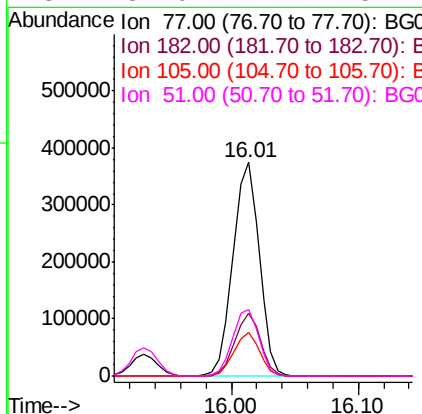
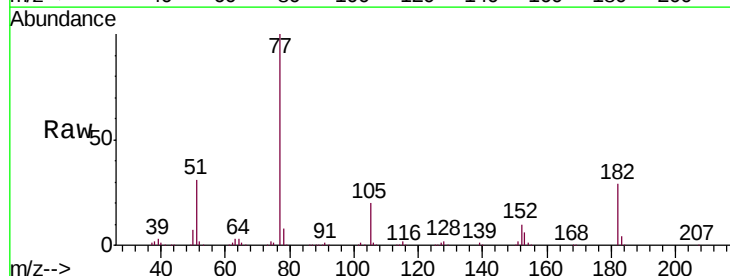
Instrument :
BNA_G
ClientSampleId :
PB112680BS

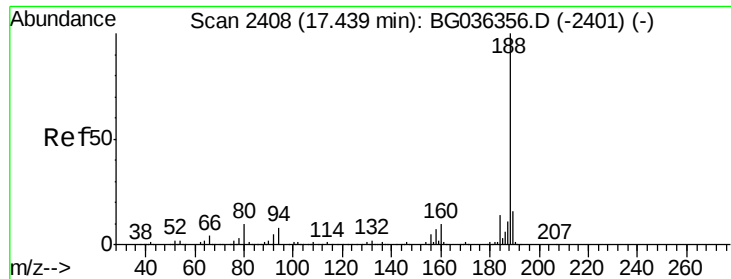
Tgt Ion: 138 Resp: 136268
Ion Ratio Lower Upper
138 100
92 50.3 38.5 78.5
108 84.3 70.3 110.3



#62
Azobenzene
Concen: 39.366 ng
RT: 16.01 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion: 77 Resp: 534575
Ion Ratio Lower Upper
77 100
182 29.3 6.7 46.7
105 20.3 0.0 39.8
51 31.0 12.4 52.4

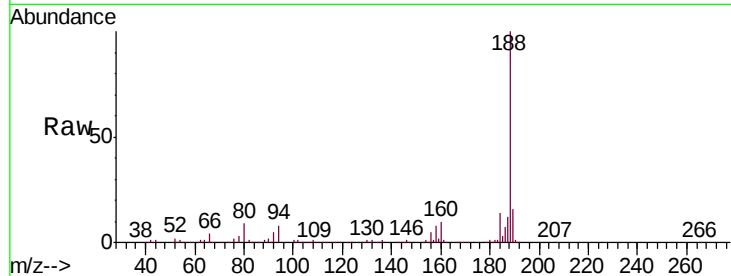




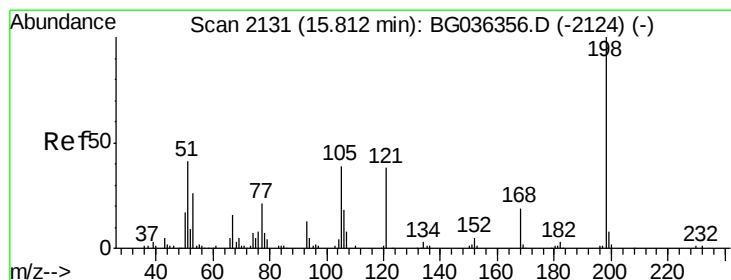
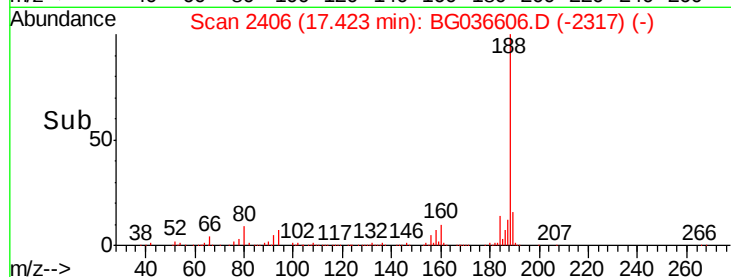
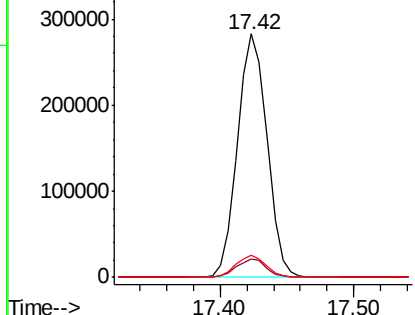
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:188 Resp: 432345
Ion Ratio Lower Upper
188 100
94 7.6 6.7 10.1
80 8.9 8.1 12.1

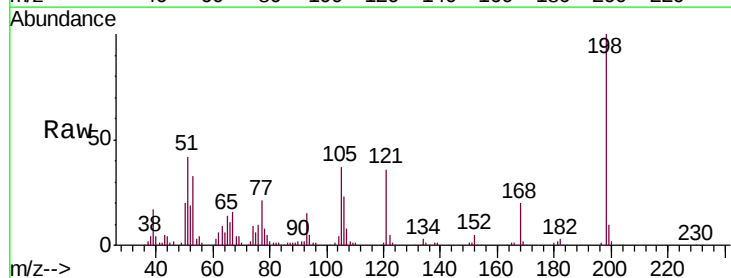


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

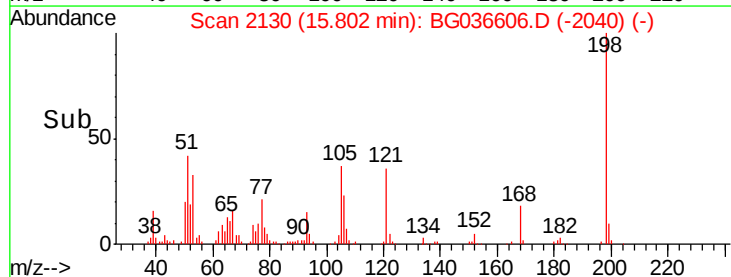
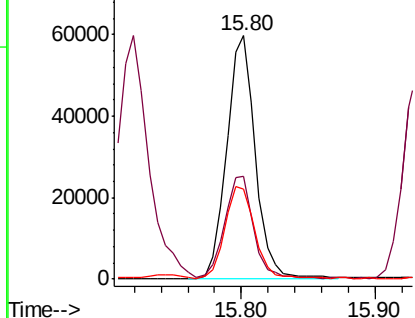


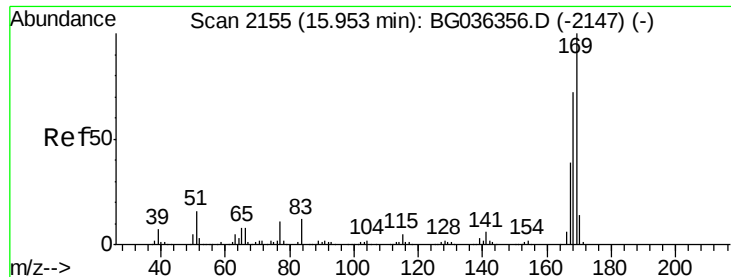
#64
4,6-Dinitro-2-methylphenol
Concen: 47.469 ng
RT: 15.80 min Scan# 2130
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:198 Resp: 90154
Ion Ratio Lower Upper
198 100
51 42.1 26.5 66.5
105 37.2 20.2 60.2



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.675 ng

RT: 15.93 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

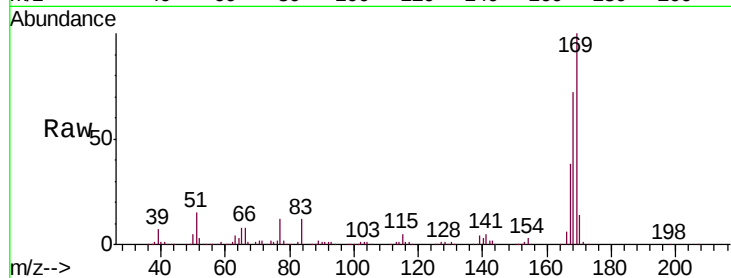
Tgt Ion:169 Resp: 483994

Ion Ratio Lower Upper

169 100

168 71.6 57.6 86.4

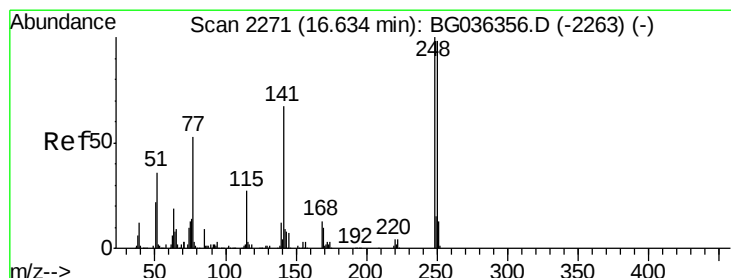
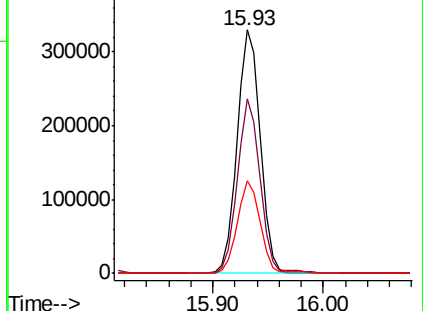
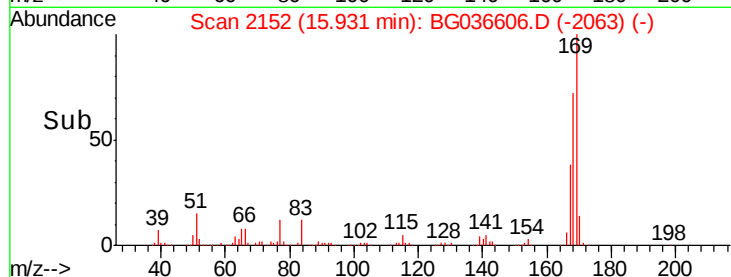
167 38.2 31.0 46.4



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: 40.086 ng

RT: 16.61 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

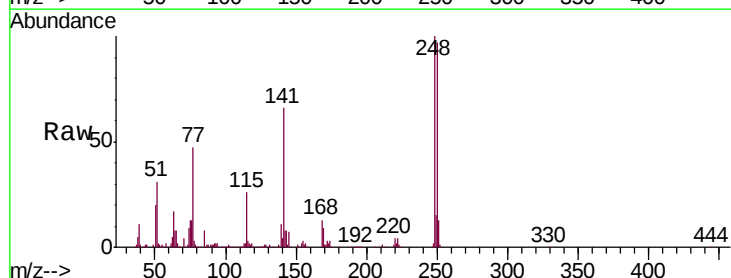
Tgt Ion:248 Resp: 202911

Ion Ratio Lower Upper

248 100

250 96.7 78.1 117.1

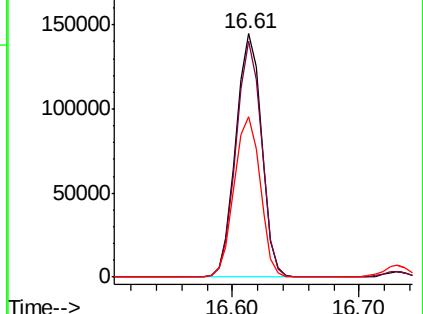
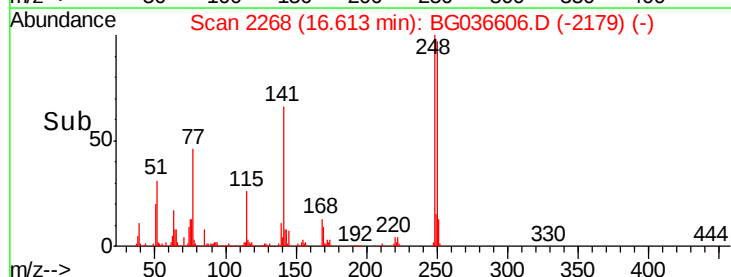
141 65.8 53.7 80.5

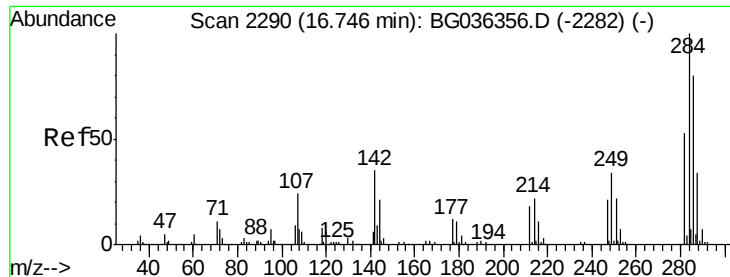


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

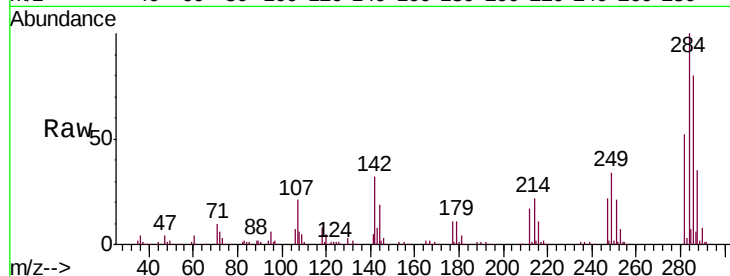




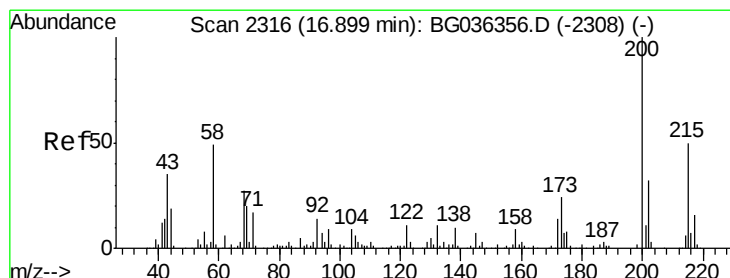
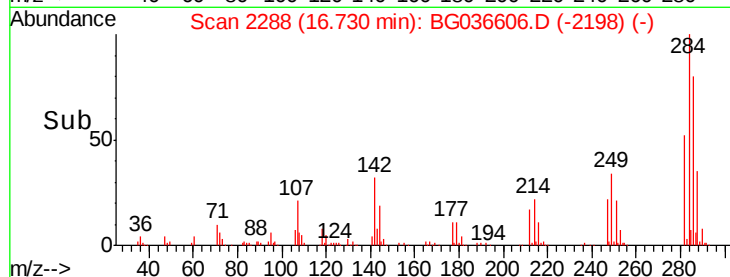
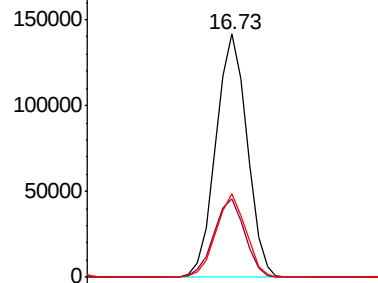
#67
Hexachlorobenzene
Concen: 39.438 ng
RT: 16.73 min Scan# 2288
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Instrument :
BNA_G
ClientSampleId :
PB112680BS

Tgt Ion:284 Resp: 204130
Ion Ratio Lower Upper
284 100
142 32.4 27.8 41.6
249 34.2 27.4 41.2

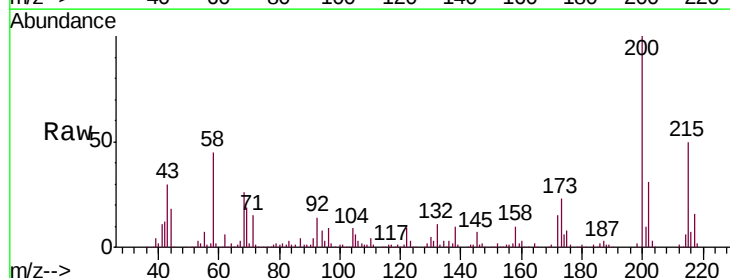


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

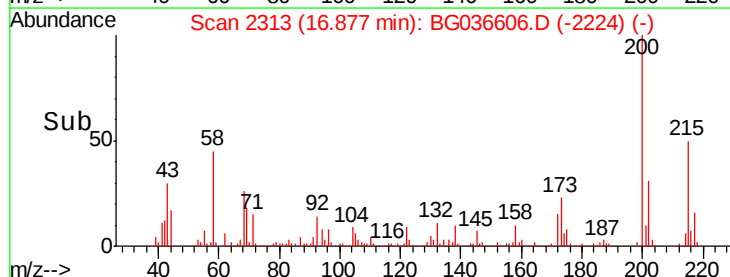
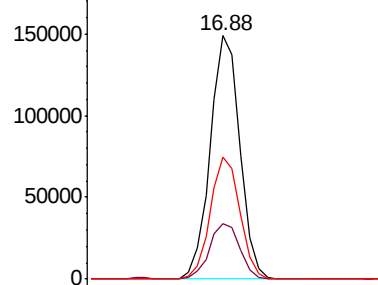


#68
Atrazine
Concen: 42.394 ng
RT: 16.88 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:200 Resp: 204419
Ion Ratio Lower Upper
200 100
173 23.0 3.9 43.9
215 50.0 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

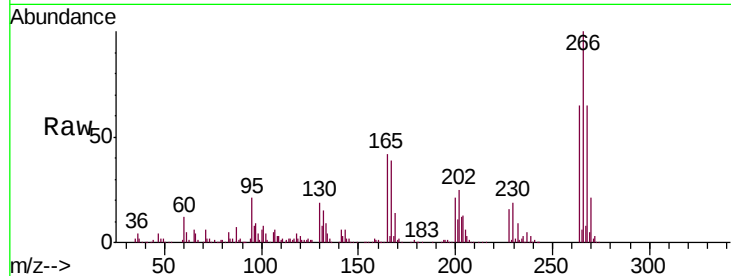




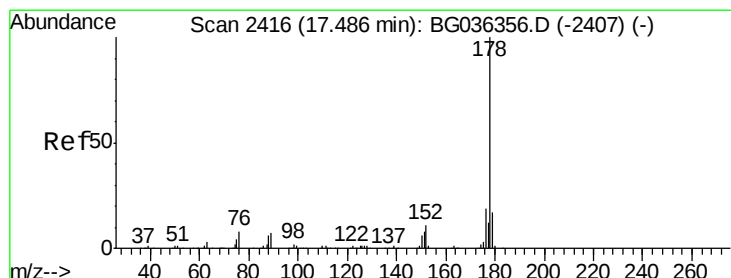
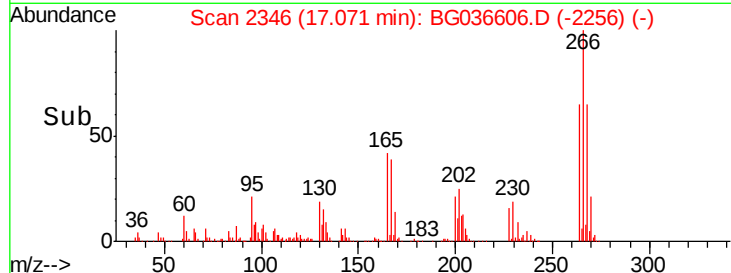
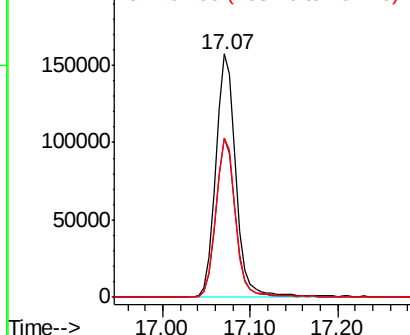
#69
 Pentachlorophenol
 Concen: 72.032 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion: 266 Resp: 253390
 Ion Ratio Lower Upper
 266 100
 268 65.4 51.4 77.2
 264 65.3 48.9 73.3

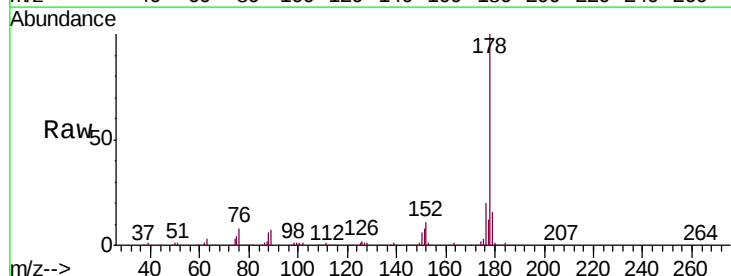


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

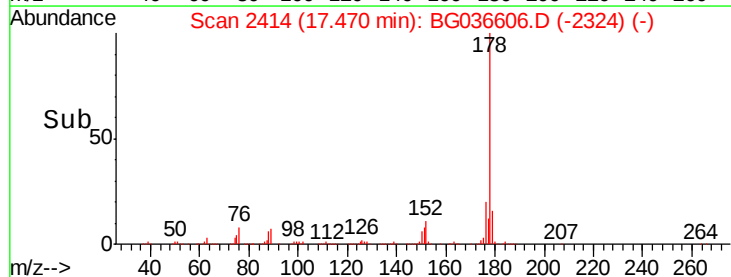
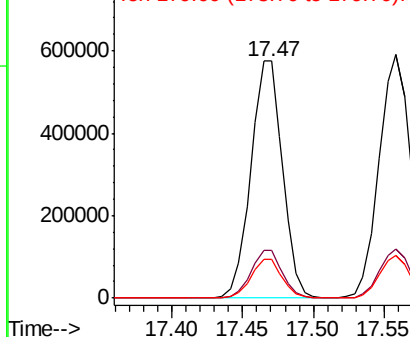


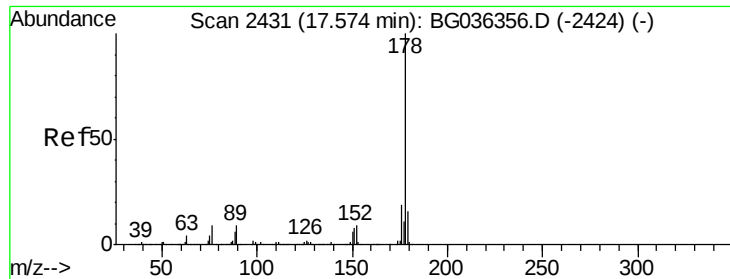
#70
 Phenanthrene
 Concen: 41.296 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion: 178 Resp: 907229
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.4 23.2
 179 16.5 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

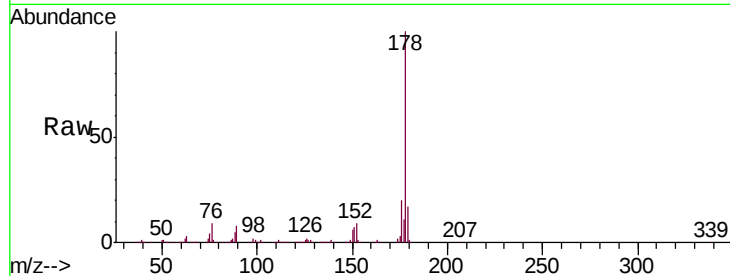




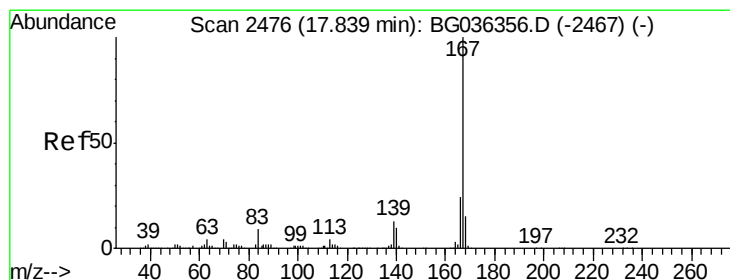
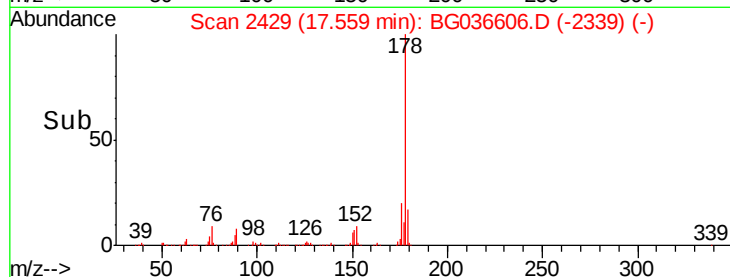
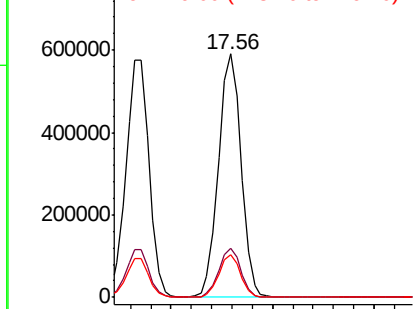
#71
 Anthracene
 Concen: 41.936 ng
 RT: 17.56 min Scan# 2429
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	17.3	13.0	19.4

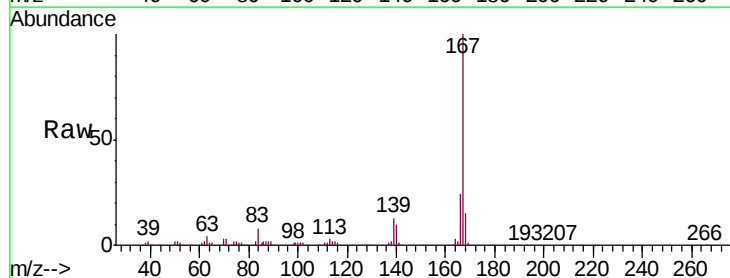


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

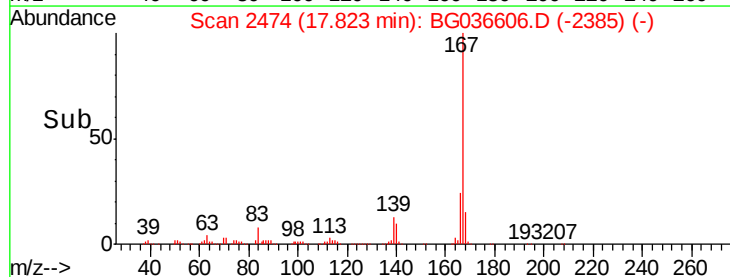
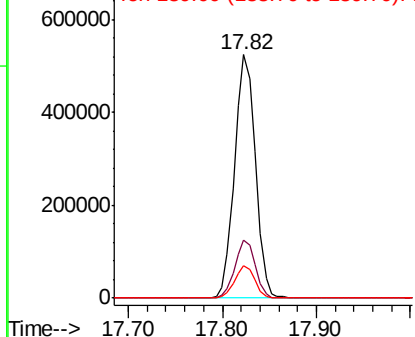


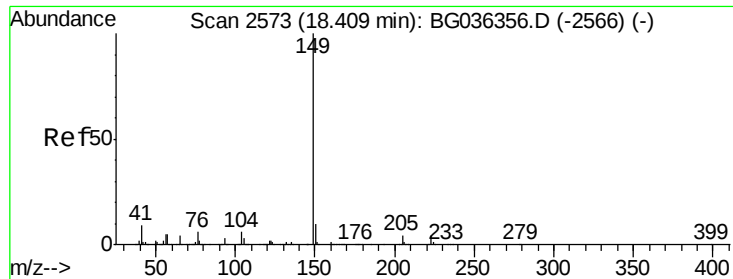
#72
 Carbazole
 Concen: 37.006 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.7	19.5	29.3
139	13.2	10.7	16.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

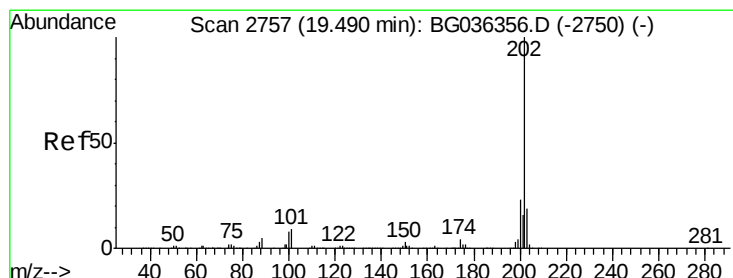
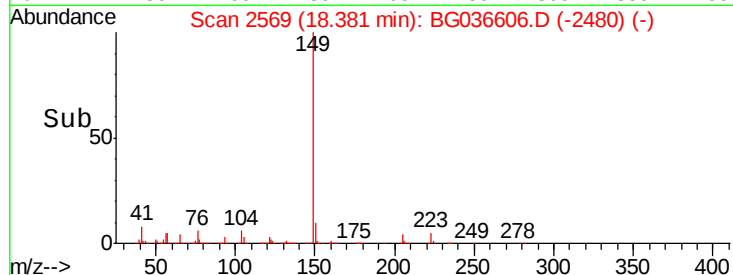
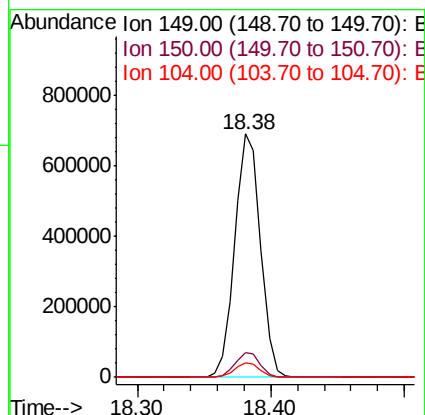
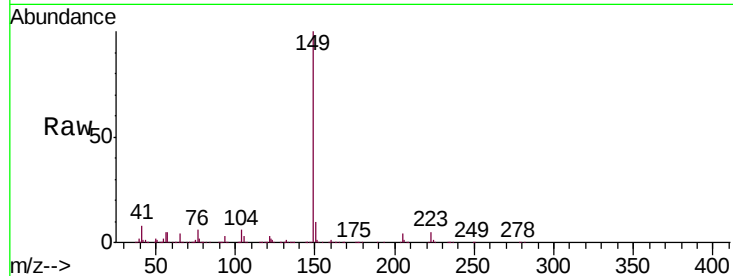




#73
Di-n-butylphthalate
Concen: 38.090 ng
RT: 18.38 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

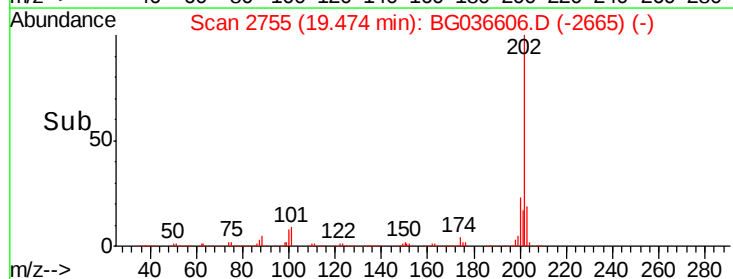
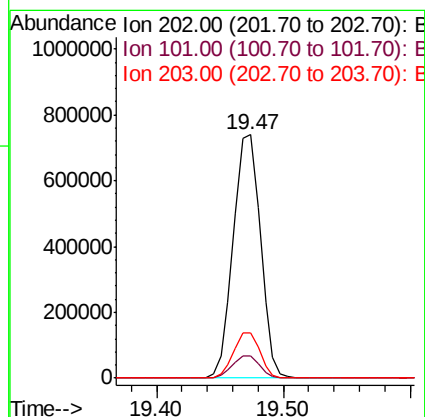
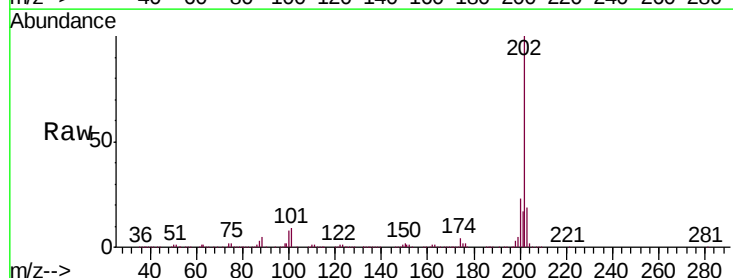
Instrument :
BNA_G
ClientSampleId :
PB112680BS

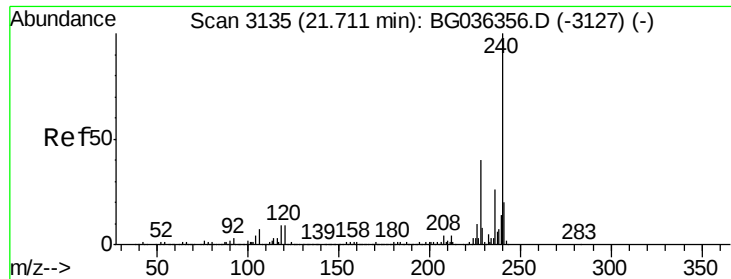
Tgt Ion:149 Resp: 927646
Ion Ratio Lower Upper
149 100
150 10.4 8.1 12.1
104 6.0 4.6 6.8



#74
Fluoranthene
Concen: 41.003 ng
RT: 19.47 min Scan# 2755
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:202 Resp: 1098248
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.4
203 18.7 0.0 38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

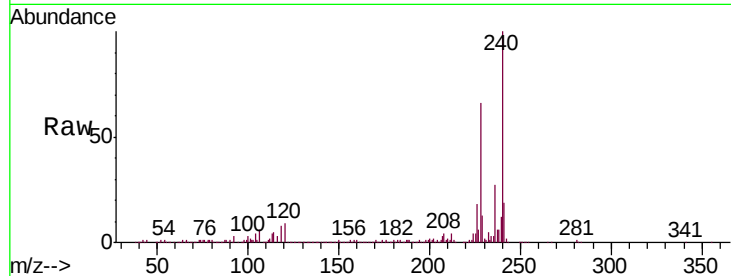
Tgt Ion:240 Resp: 429458

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

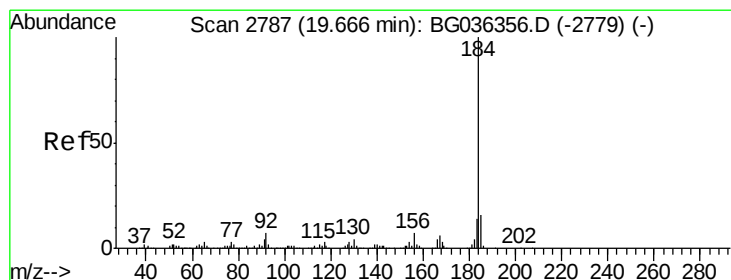
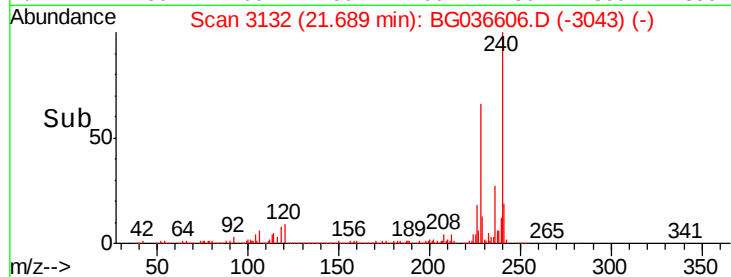
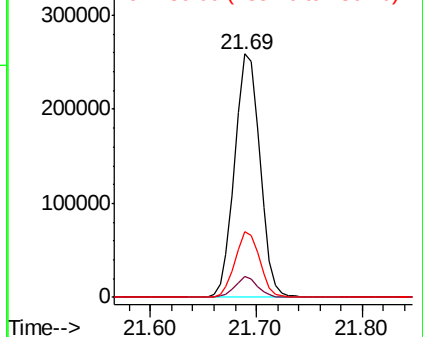
236 27.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.358 ng

RT: 19.65 min Scan# 2785

Delta R.T. 0.00 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

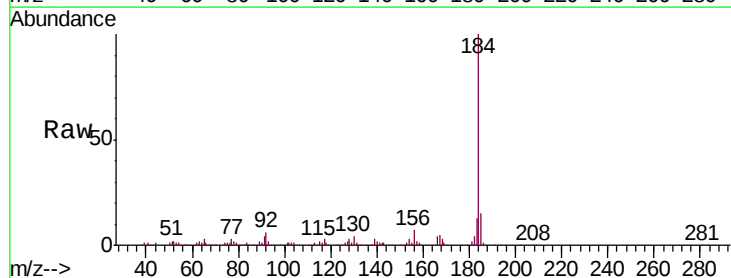
Tgt Ion:184 Resp: 566677

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

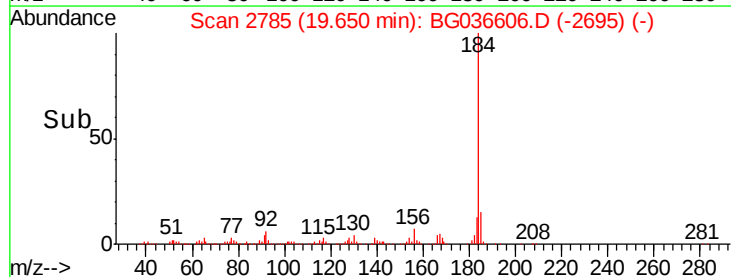
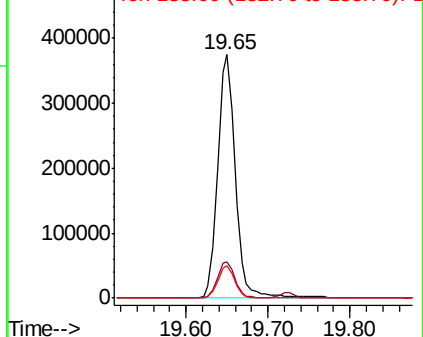
183 13.3 10.9 16.3

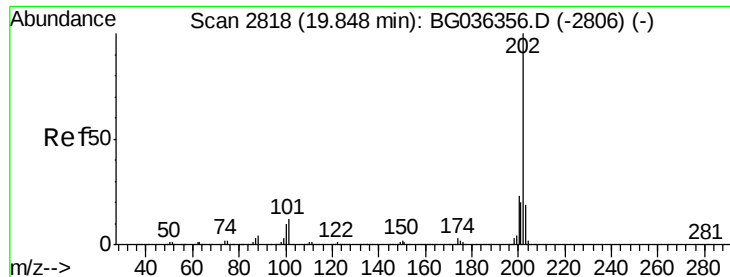


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

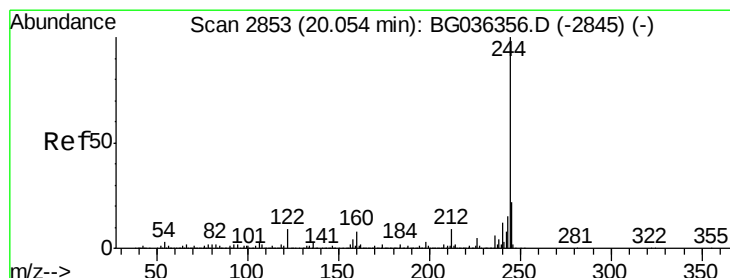
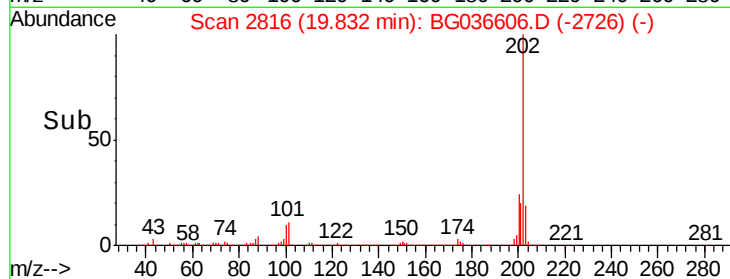
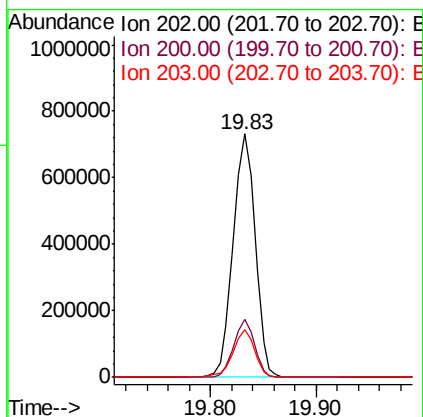
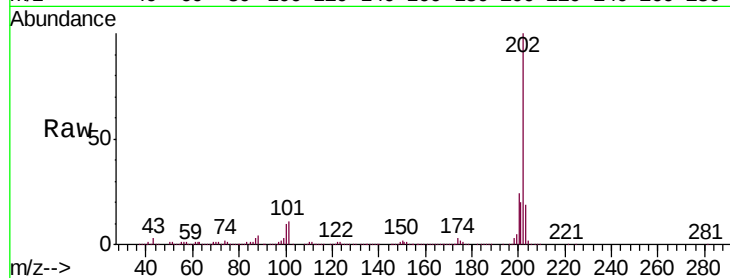




#77
 Pyrene
 Concen: 39.946 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

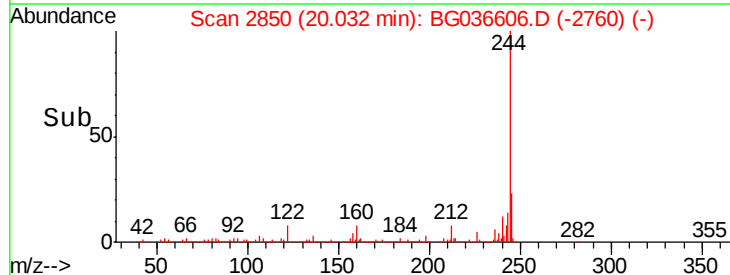
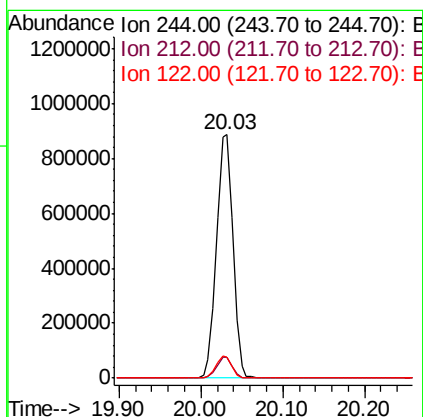
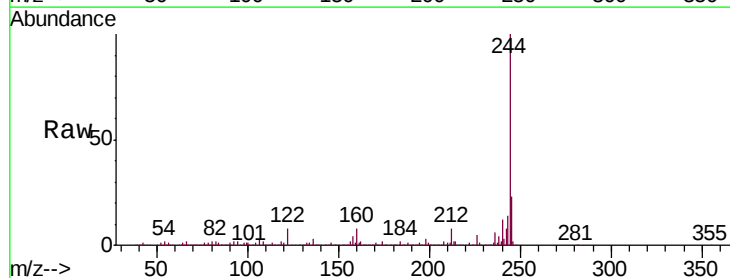
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

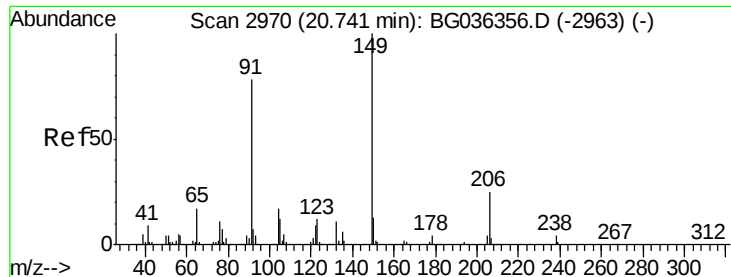
Tgt Ion: 202 Resp: 1054951
 Ion Ratio Lower Upper
 202 100
 200 24.0 18.3 27.5
 203 19.4 15.1 22.7



#78
 Terphenyl-d14
 Concen: 68.115 ng
 RT: 20.03 min Scan# 2850
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion: 244 Resp: 1251521
 Ion Ratio Lower Upper
 244 100
 212 8.4 7.0 10.6
 122 8.5 7.1 10.7

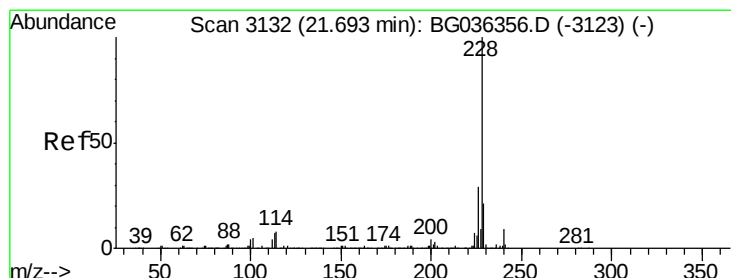
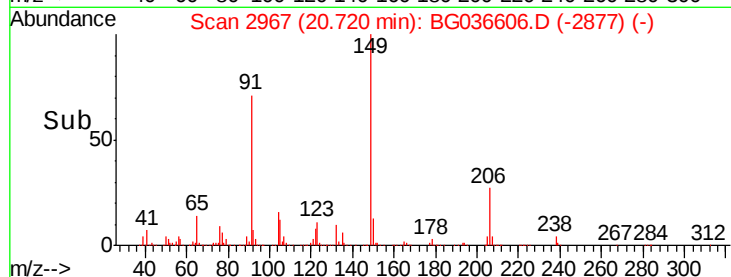
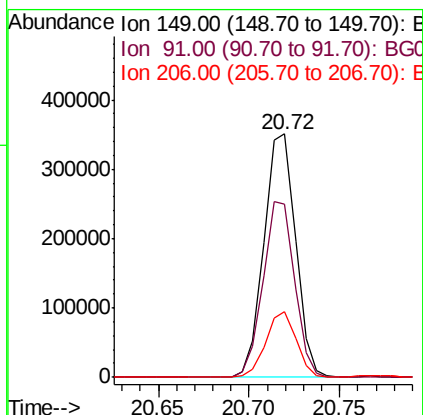
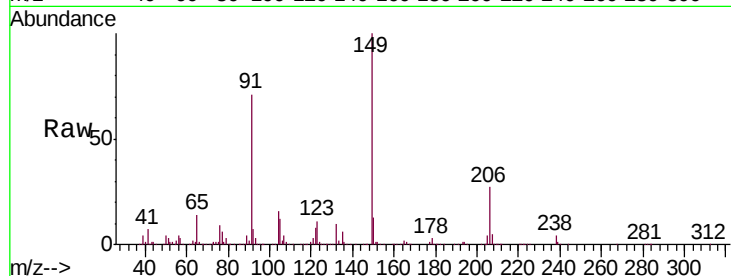




#79
Butylbenzylphthalate
Concen: 40.721 ng
RT: 20.72 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

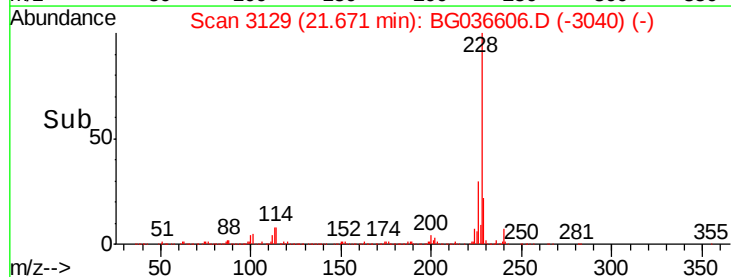
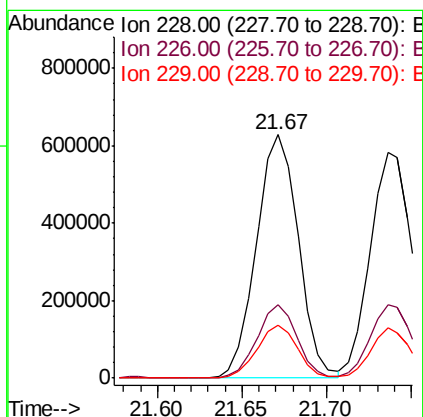
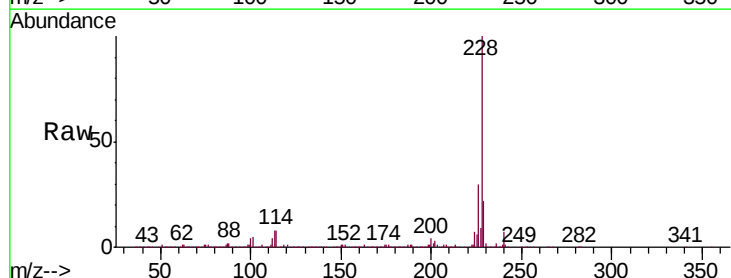
Instrument :
BNA_G
ClientSampleId :
PB112680BS

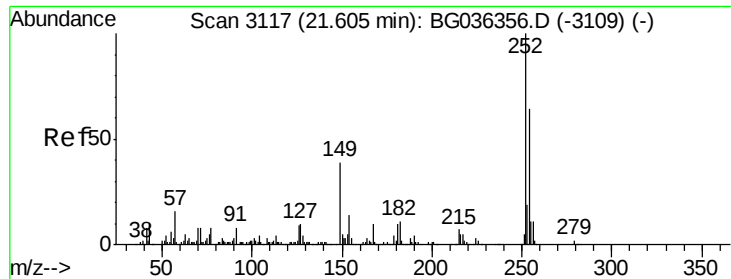
Tgt Ion:149 Resp: 427983
Ion Ratio Lower Upper
149 100
91 71.4 62.0 93.0
206 27.0 19.6 29.4



#80
Benzo(a)anthracene
Concen: 41.785 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:228 Resp: 1087148
Ion Ratio Lower Upper
228 100
226 30.0 23.4 35.2
229 21.6 17.1 25.7

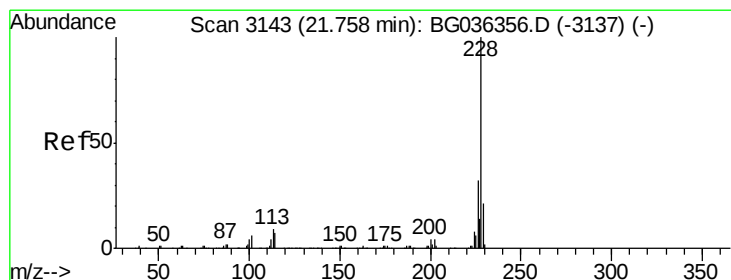
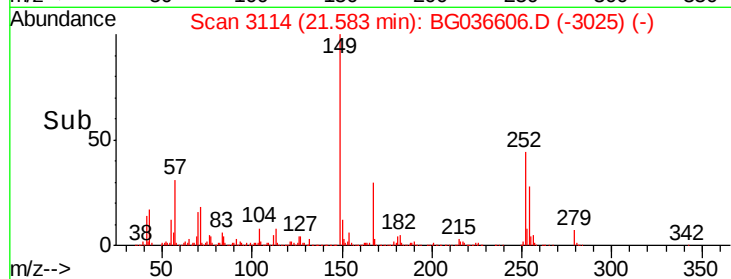
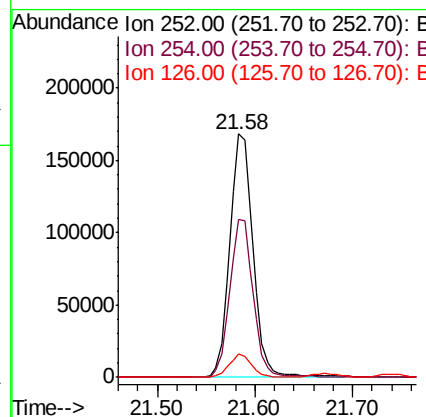
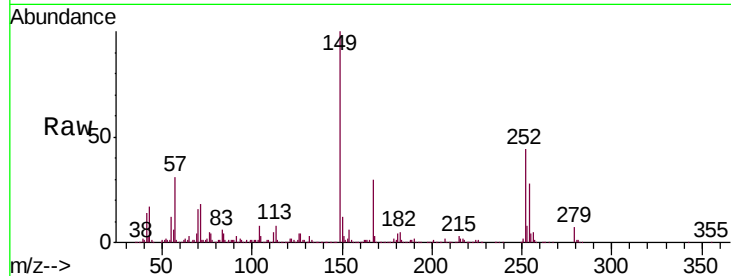




#81
 3,3'-Dichlorobenzidine
 Concen: 26.810 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

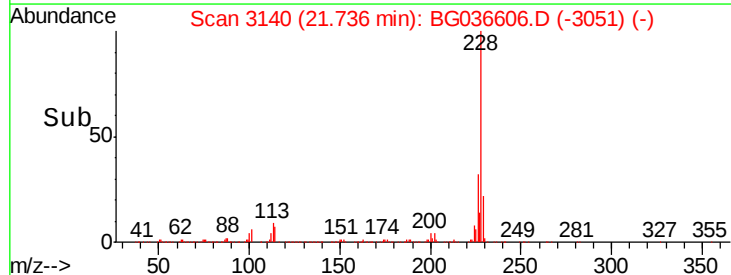
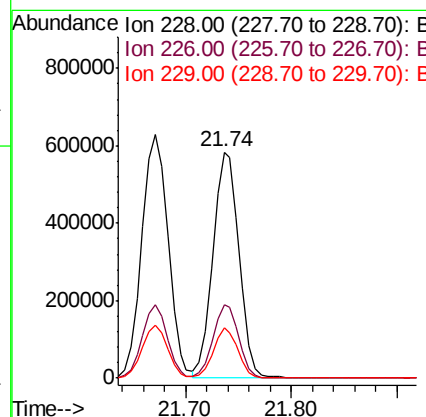
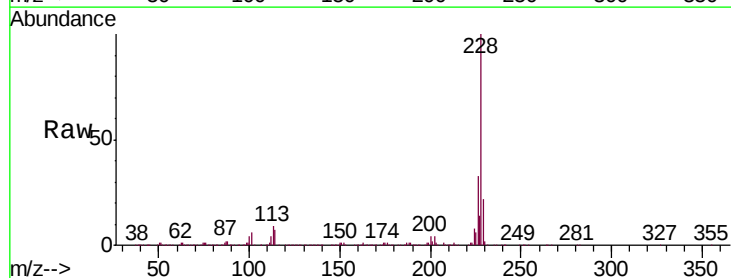
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

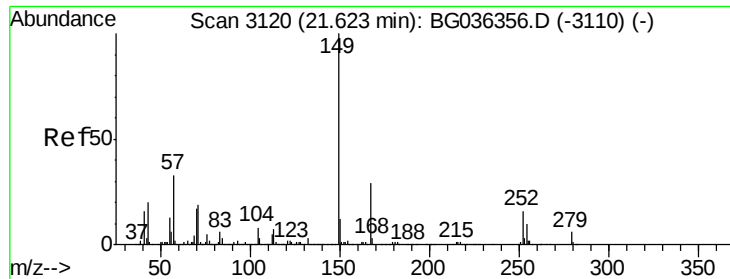
Tgt Ion:252 Resp: 277992
 Ion Ratio Lower Upper
 252 100
 254 64.6 51.0 76.4
 126 9.4 7.4 11.0



#82
 Chrysene
 Concen: 40.782 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:228 Resp: 1005710
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 22.0 16.9 25.3

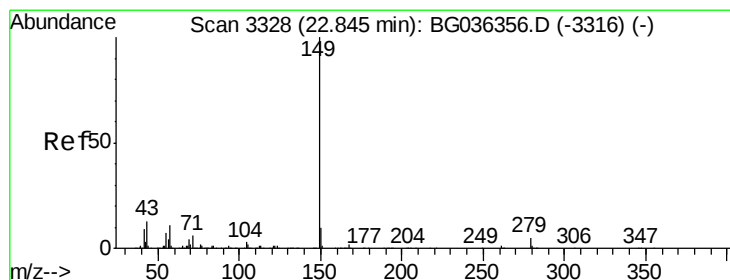
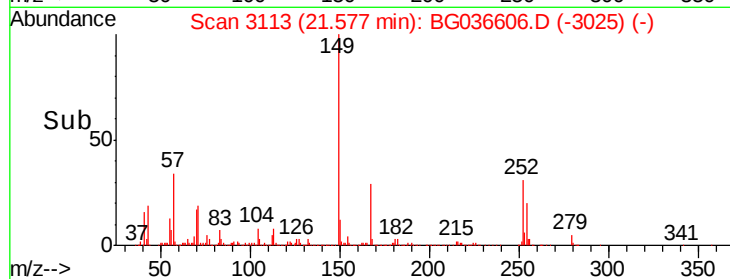
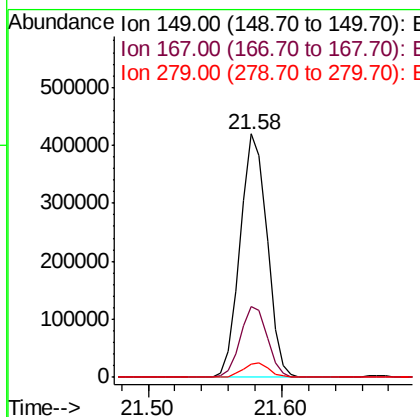
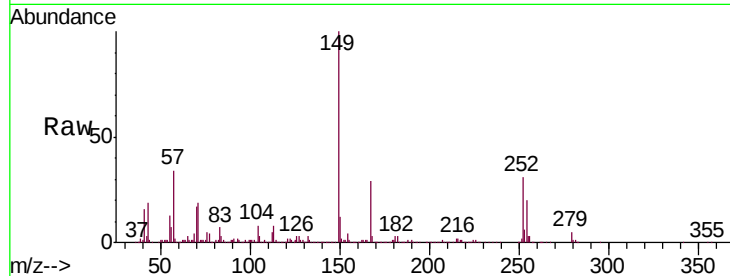




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.747 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

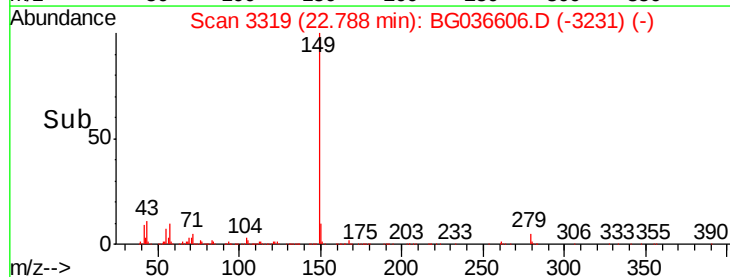
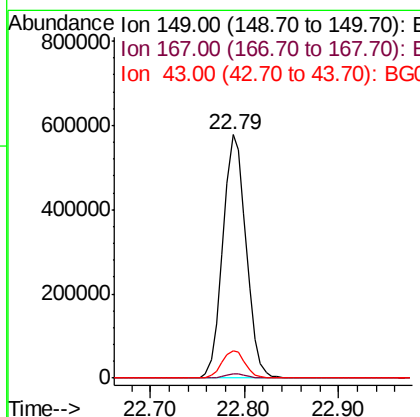
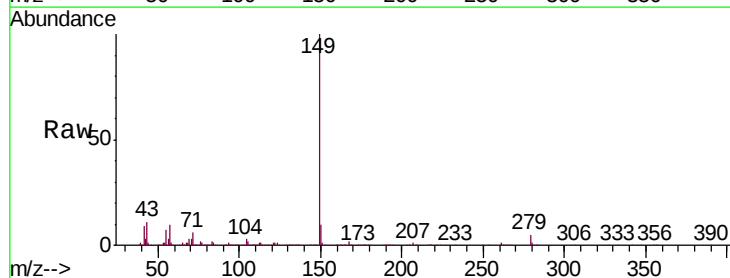
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

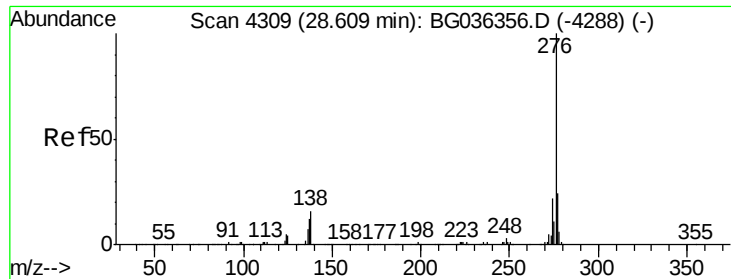
Tgt Ion:149 Resp: 584579
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.0
 279 5.5 4.6 7.0



#84
 Di-n-octyl phthalate
 Concen: 40.433 ng
 RT: 22.79 min Scan# 3319
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:149 Resp: 993268
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.3 1.9
 43 11.1 10.0 15.0

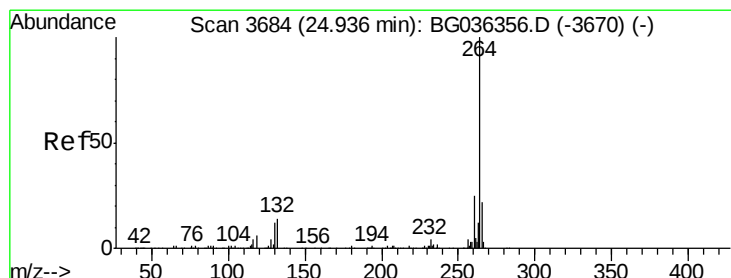
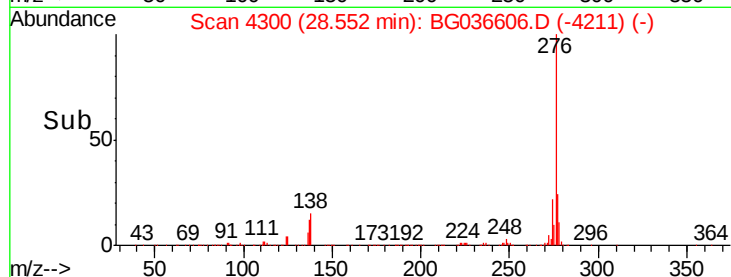
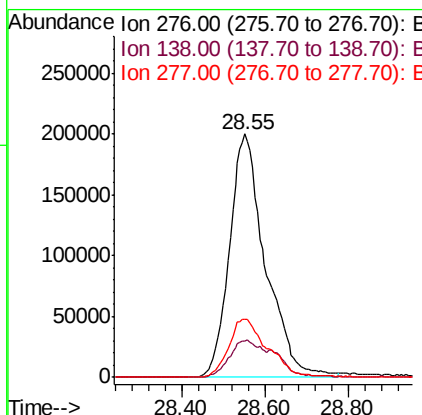
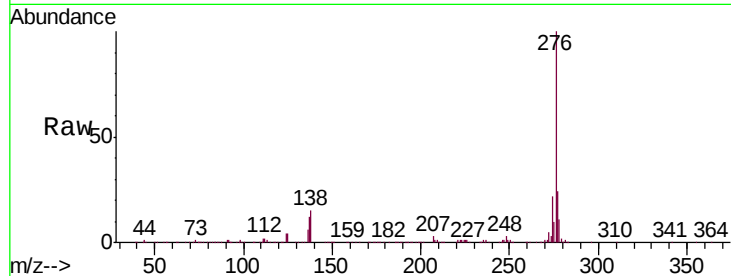




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.940 ng
 RT: 28.55 min Scan# 4300
 Delta R.T. -0.01 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

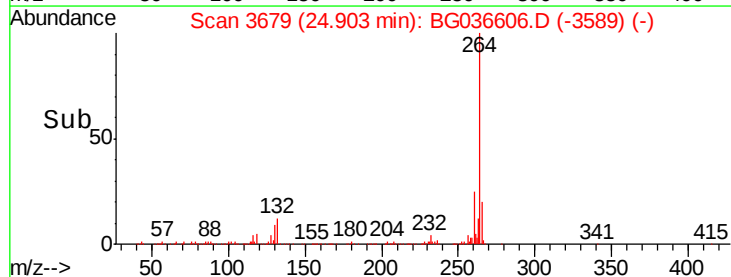
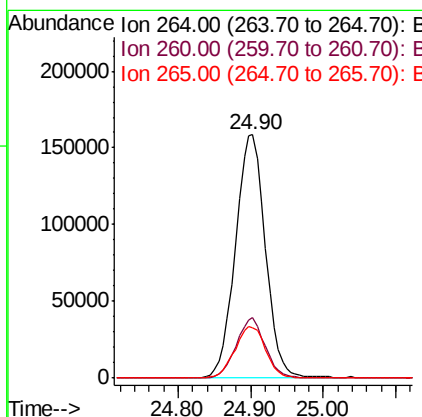
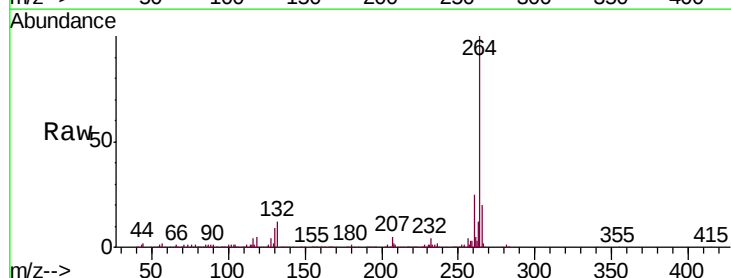
Instrument :
 BNA_G
 ClientSampleId :
 PB112680BS

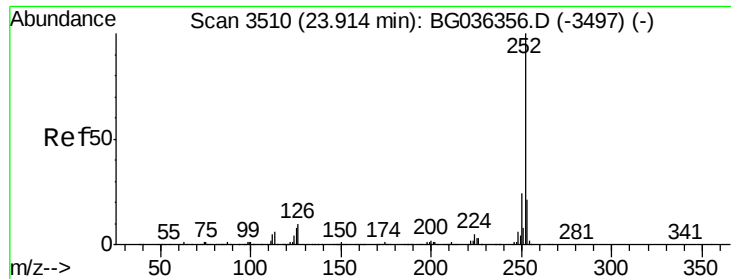
Tgt Ion:276 Resp: 1201287
 Ion Ratio Lower Upper
 276 100
 138 13.7 10.6 15.8
 277 25.6 20.6 30.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3679
 Delta R.T. 0.00 min
 Lab File: BG036606.D
 Acq: 7 Sep 2018 20:55

Tgt Ion:264 Resp: 454979
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.6 29.4
 265 20.4 17.4 26.0

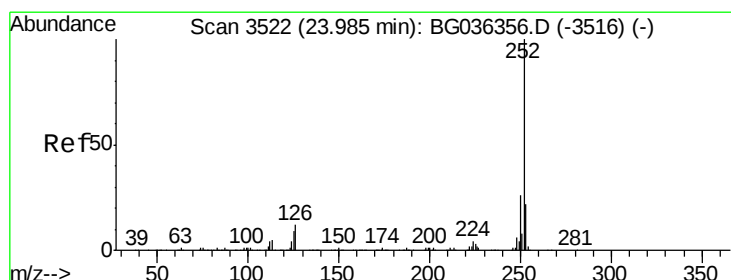
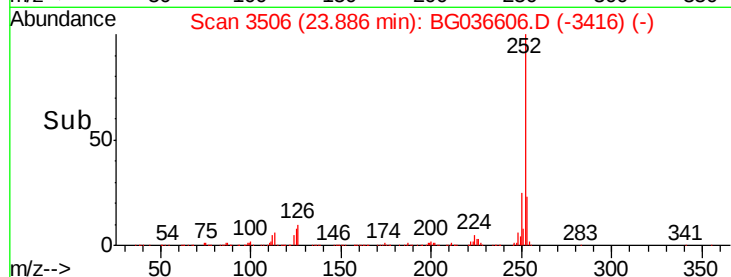
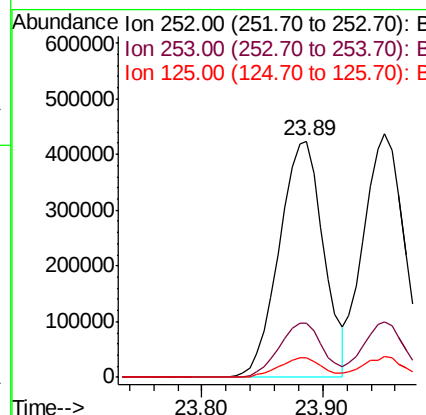
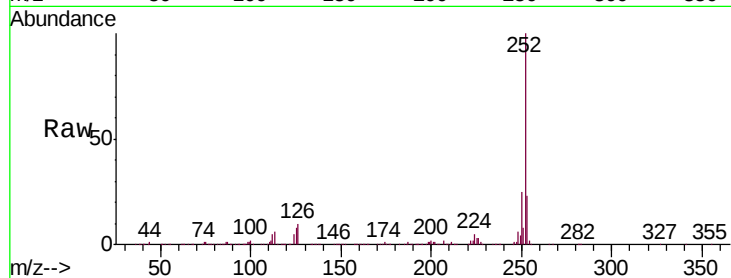




#87
Benzo(b)fluoranthene
Concen: 42.679 ng
RT: 23.89 min Scan# 3506
Delta R.T. 0.00 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

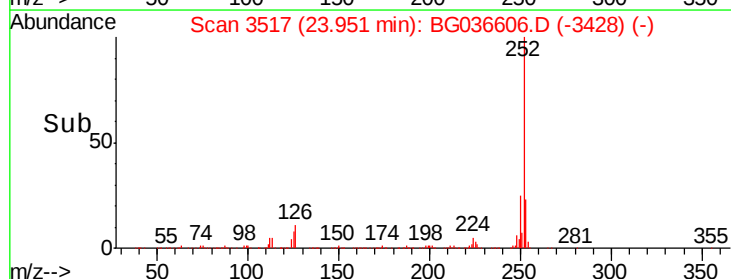
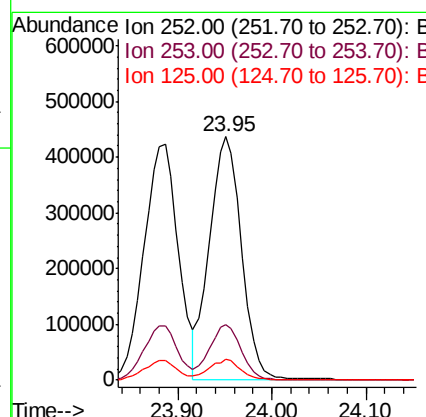
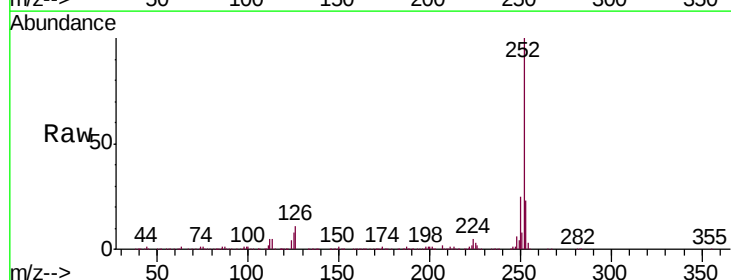
Instrument :
BNA_G
ClientSampleId :
PB112680BS

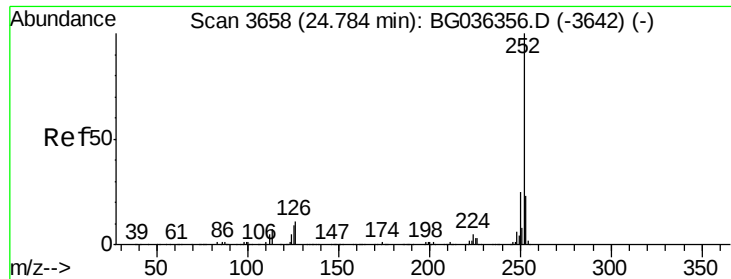
Tgt Ion:252 Resp: 1078290
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 8.4 6.6 10.0



#88
Benzo(k)fluoranthene
Concen: 41.862 ng
RT: 23.95 min Scan# 3517
Delta R.T. -0.01 min
Lab File: BG036606.D
Acq: 7 Sep 2018 20:55

Tgt Ion:252 Resp: 1033274
Ion Ratio Lower Upper
252 100
253 23.0 18.0 27.0
125 8.4 7.0 10.6





#89

Benzo(a)pyrene

Concen: 43.146 ng

RT: 24.75 min Scan# 3653

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

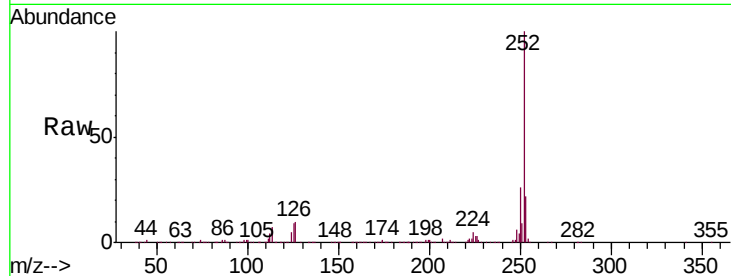
Tgt Ion:252 Resp: 1047493

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

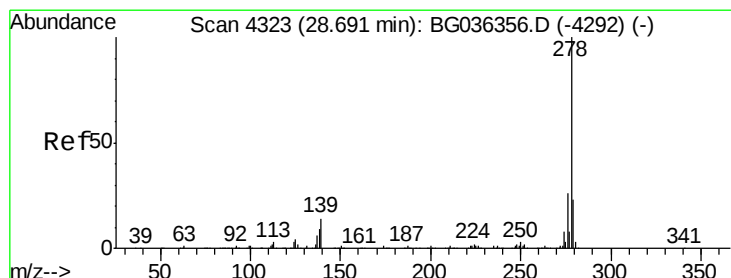
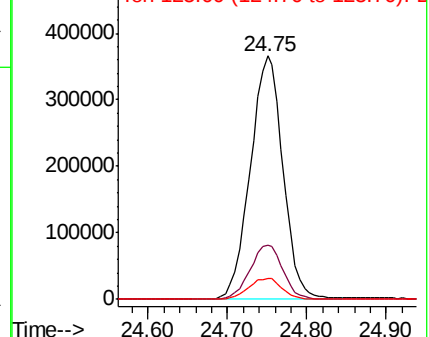
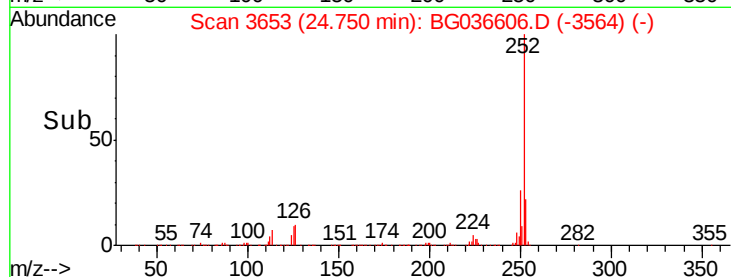
125 8.7 7.3 10.9



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: 41.070 ng

RT: 28.62 min Scan# 4312

Delta R.T. -0.01 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

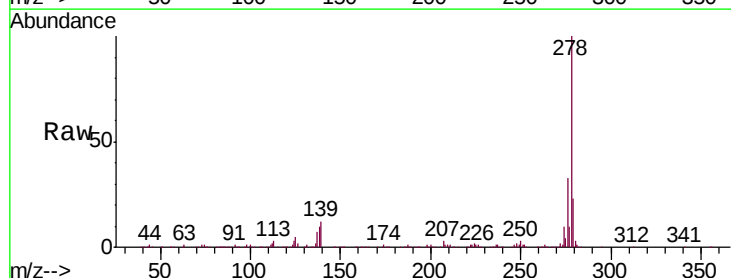
Tgt Ion:278 Resp: 962582

Ion Ratio Lower Upper

278 100

139 12.5 11.0 16.4

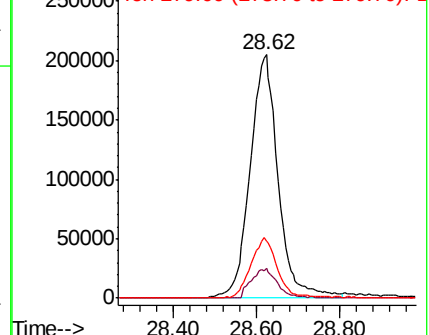
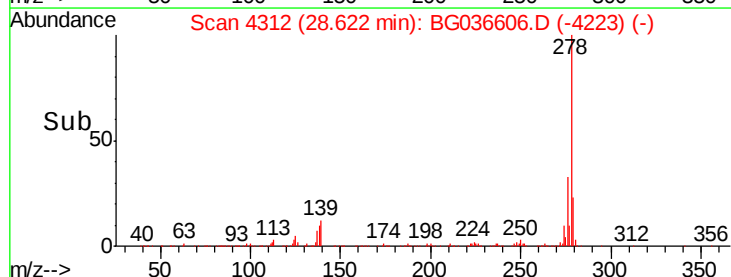
279 23.1 18.7 28.1

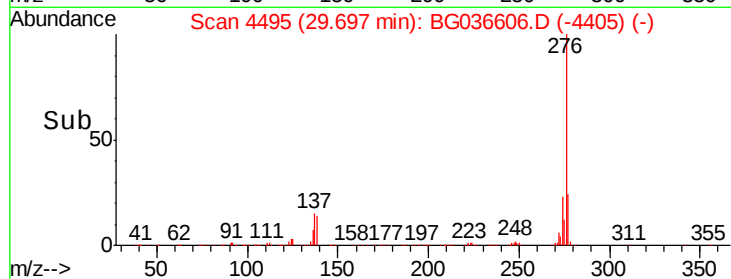
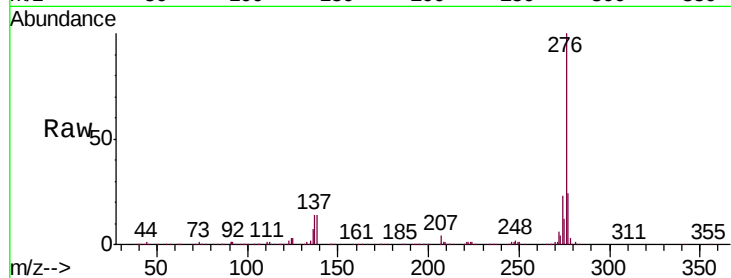
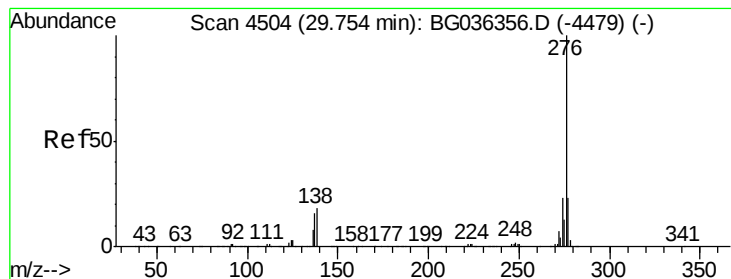


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.311 ng

RT: 29.70 min Scan# 4495

Delta R.T. 0.00 min

Lab File: BG036606.D

Acq: 7 Sep 2018 20:55

Instrument :

BNA_G

ClientSampleId :

PB112680BS

Tgt Ion: 276 Resp: 996548

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 14.3 14.6 22.0#

