

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072618\
 Data File : BG035925.D
 Acq On : 27 Jul 2018 1:43
 Operator : JU/SJ
 Sample : PB111478BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 27 07:22:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	39906	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	155252	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	111920	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	317699	20.00	ng	0.00
75) Chrysene-d12	21.66	240	345817	20.00	ng	0.00
86) Perylene-d12	24.85	264	333858	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	342847	142.64	ng	0.00
7) Phenol-d6	7.20	99	504308	140.62	ng	0.00
23) Nitrobenzene-d5	9.19	82	325081	87.47	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	231267	156.77	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	751471	89.96	ng	0.00
78) Terphenyl-d14	20.00	244	1439920	91.78	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	35067	28.664	ng	# 74
3) Pyridine	3.91	79	104089	32.592	ng	# 76
4) n-Nitrosodimethylamine	3.83	42	46505	33.913	ng	# 84
6) Aniline	7.35	93	126631	27.243	ng	99
8) 2-Chlorophenol	7.59	128	113374	46.377	ng	97
9) Benzaldehyde	7.16	77	76957	34.974	ng	93
10) Phenol	7.23	94	167248	46.161	ng	97
11) bis(2-Chloroethyl)ether	7.45	93	109157	38.470	ng	91
12) 1,3-Dichlorobenzene	7.92	146	121761	41.245	ng	98
13) 1,4-Dichlorobenzene	8.06	146	122648	40.890	ng	98
14) 1,2-Dichlorobenzene	8.38	146	119874	41.601	ng	95
15) Benzyl Alcohol	8.27	79	130870	40.186	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	124820	52.471	ng	79
17) 2-Methylphenol	8.47	107	112489	45.665	ng	92
18) Hexachloroethane	9.10	117	46541	40.581	ng	91
19) n-Nitroso-di-n-propylamine	8.83	70	102621	33.982	ng	# 87
20) 3+4-Methylphenols	8.80	107	150455	44.027	ng	96
22) Acetophenone	8.85	105	188365	39.016	ng	# 90
24) Nitrobenzene	9.23	77	158753	42.475	ng	# 94
25) Isophorone	9.75	82	297693	43.151	ng	99
26) 2-Nitrophenol	9.94	139	65971	49.699	ng	# 91
27) 2,4-Dimethylphenol	10.00	122	117717	52.390	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	157878	41.531	ng	95
29) 2,4-Dichlorophenol	10.48	162	130266	50.788	ng	92
30) 1,2,4-Trichlorobenzene	10.69	180	137634	43.761	ng	96
31) Naphthalene	10.88	128	343628	42.490	ng	99
32) Benzoic acid	10.17	122	55695	36.821	ng	93
33) 4-Chloroaniline	10.99	127	30415	8.629	ng	# 90
34) Hexachlorobutadiene	11.16	225	103835	42.338	ng	97
35) Caprolactam	11.78	113	23634	21.472	ng	# 68
36) 4-Chloro-3-methylphenol	12.12	107	158743	46.173	ng	93
37) 2-Methylnaphthalene	12.48	142	274133	45.499	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	179988	42.608	ng	97
40) Hexachlorocyclopentadiene	12.83	237	230679	104.126	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	120918	48.948	ng	93
43) 2,4,5-Trichlorophenol	13.17	196	129061	46.701	ng	97
45) 1,1'-Biphenyl	13.48	154	375785	43.308	ng	99
46) 2-Chloronaphthalene	13.53	162	299055	44.308	ng	98
47) 2-Nitroaniline	13.73	65	101251	42.433	ng	93
48) Acenaphthylene	14.37	152	502885	44.479	ng	97
49) Dimethylphthalate	14.11	163	417877	42.615	ng	# 99
50) 2,6-Dinitrotoluene	14.23	165	96681	48.417	ng	90
51) Acenaphthene	14.71	154	290276	41.215	ng	99
52) 3-Nitroaniline	14.56	138	46287	22.680	ng	# 97
53) 2,4-Dinitrophenol	14.77	184	98684	94.779	ng	# 64
54) Dibenzofuran	15.05	168	494510	44.149	ng	96
55) 4-Nitrophenol	14.88	139	137592	94.665	ng	# 85
56) 2,4-Dinitrotoluene	15.01	165	144095	50.300	ng	# 88
57) Fluorene	15.70	166	414406	44.142	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	135818	51.258	ng	94
59) Diethylphthalate	15.46	149	420281	41.682	ng	98
60) 4-Chlorophenyl-phenylether	15.69	204	237615	43.064	ng	98
61) 4-Nitroaniline	15.72	138	98314	46.051	ng	87
62) Azobenzene	15.98	77	426420	42.875	ng	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	82501	46.650	ng	81
65) n-Nitrosodiphenylamine	15.91	169	369351	40.844	ng	97
66) 4-Bromophenyl-phenylether	16.58	248	162984	44.219	ng	97
67) Hexachlorobenzene	16.70	284	169813	44.738	ng	94
68) Atrazine	16.85	200	173450	46.586	ng	97
69) Pentachlorophenol	17.05	266	175262	75.807	ng	96
70) Phenanthrene	17.44	178	694145	43.787	ng	97
71) Anthracene	17.53	178	714689	45.277	ng	98
72) Carbazole	17.80	167	653484	43.593	ng	99
73) Di-n-butylphthalate	18.35	149	764311	43.145	ng	# 98
74) Fluoranthene	19.44	202	938942	43.972	ng	96
76) Benzidine	19.62	184	399936	43.990	ng	97
77) Pyrene	19.81	202	929620	42.514	ng	97
79) Butylbenzylphthalate	20.69	149	353857	45.253	ng	96
80) Benzo(a)anthracene	21.64	228	948719	44.023	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	191506	25.486	ng	# 98
82) Chrysene	21.70	228	886649	44.399	ng	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	481504	45.294	ng	98
84) Di-n-octyl phthalate	22.74	149	837177	47.033	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.49	276	1022665	46.254	ng	# 88
87) Benzo(b)fluoranthene	23.84	252	914660	45.075	ng	# 96
88) Benzo(k)fluoranthene	23.91	252	873251	44.019	ng	# 96
89) Benzo(a)pyrene	24.71	252	875818	46.394	ng	# 96
90) Dibenzo(a,h)anthracene	28.56	278	854492	46.106	ng	# 96
91) Benzo(g,h,i)perylene	29.64	276	847901	46.753	ng	# 95

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

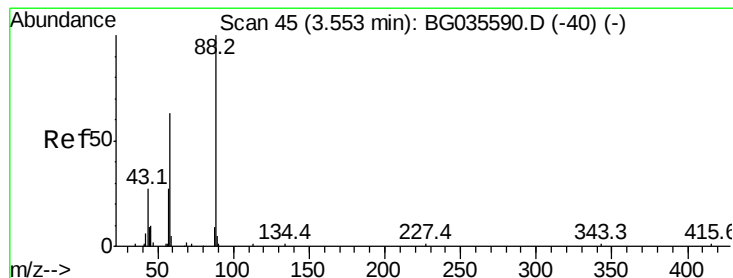
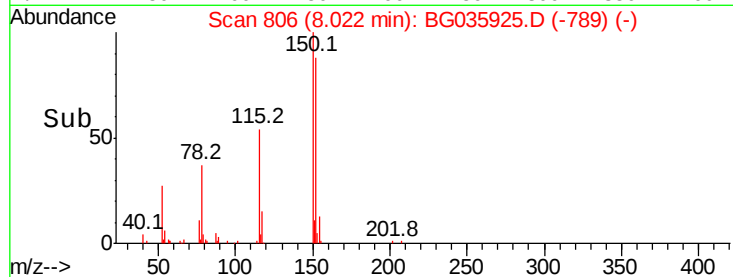
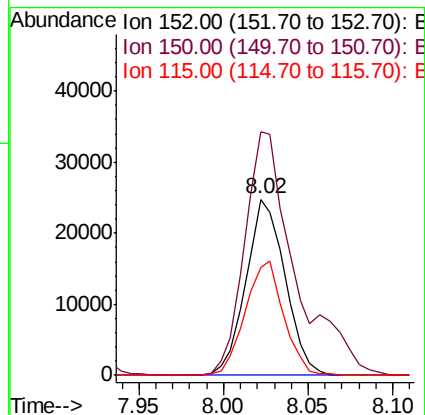
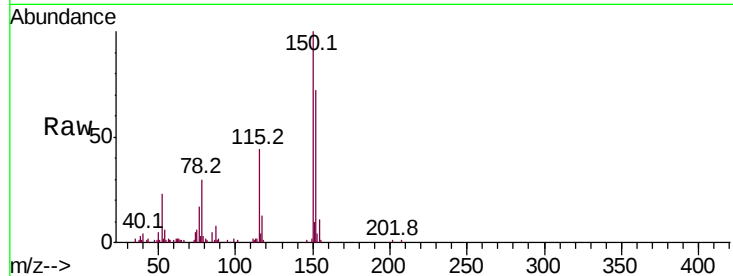


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampled :

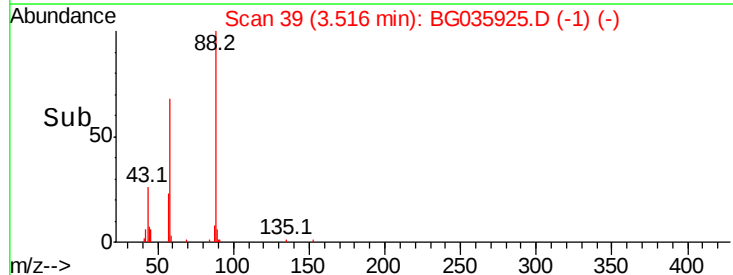
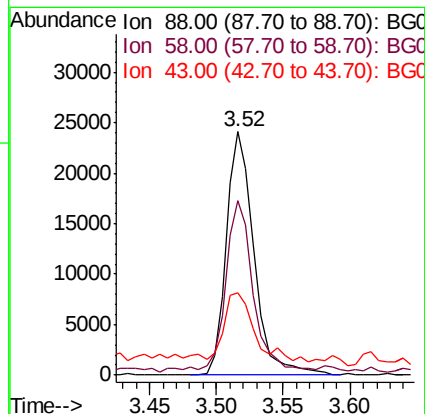
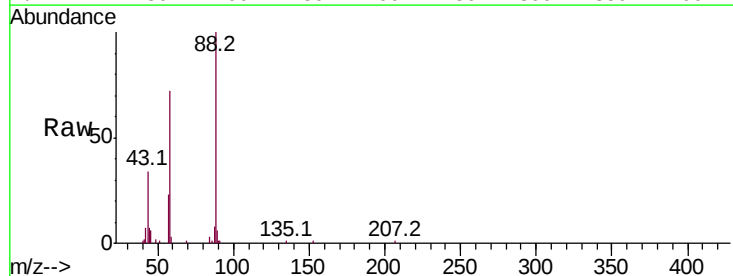
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.1	126.6	189.8
115	61.0	53.0	79.4

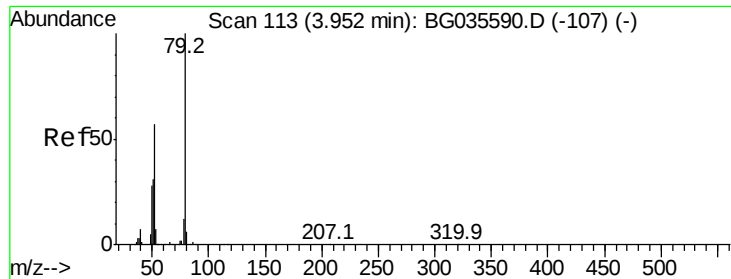


#2

1,4-Dioxane
Concen: 28.664 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.4	79.6	119.4#
43	30.1	27.4	41.0





#3

Pvridine

Concen: 32.592 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

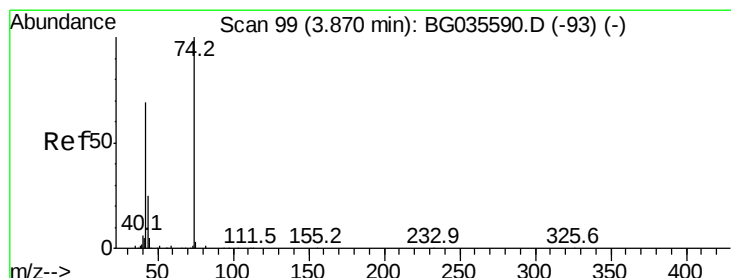
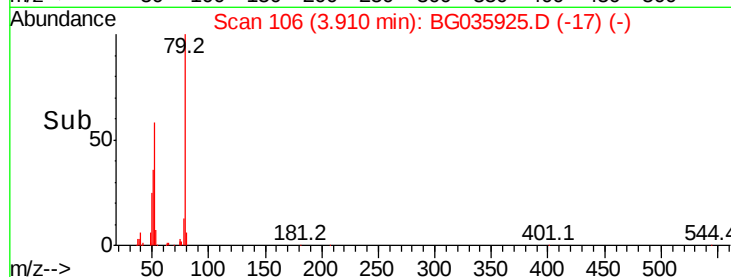
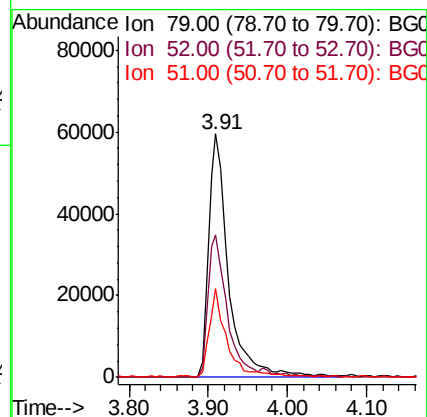
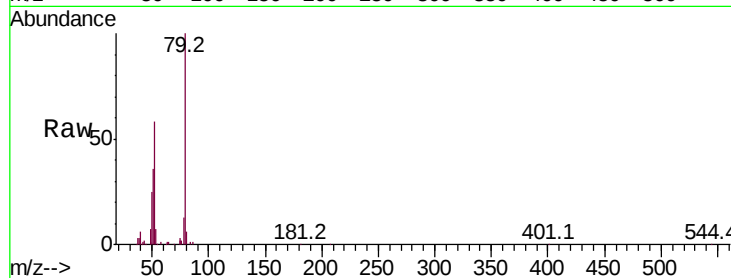
Tot Ion: 79 Resp: 104089

Ion Ratio Lower Upper

79 100

52 58.3 69.9 104.9#

51 36.4 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 33.913 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

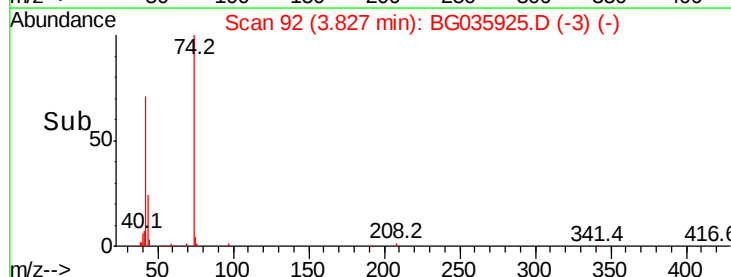
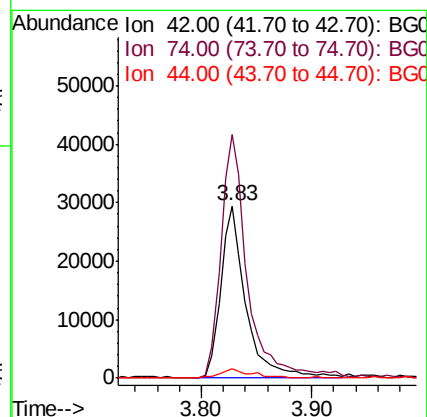
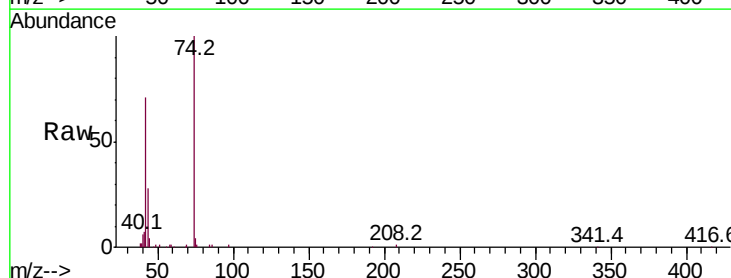
Tgt Ion: 42 Resp: 46505

Ion Ratio Lower Upper

42 100

74 141.5 102.5 153.7

44 5.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 142.637 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampled :

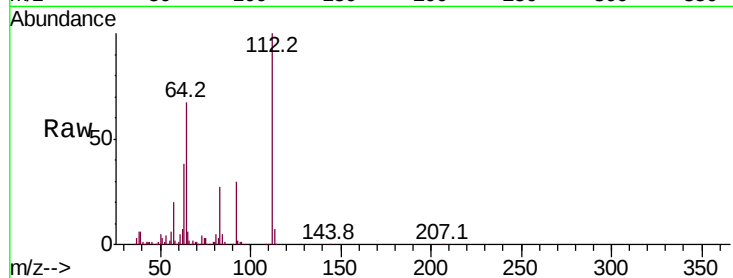
Tot Ion: 112 Resp: 342847

Ion Ratio Lower Upper

112 100

64 66.9 56.3 84.5

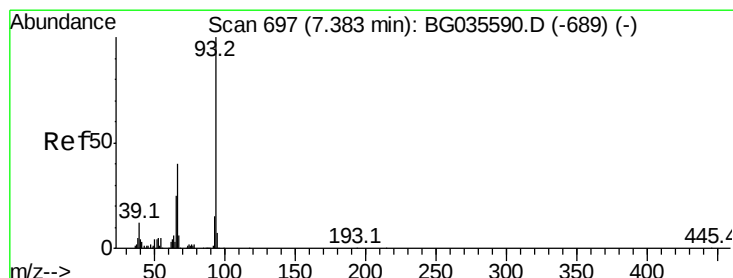
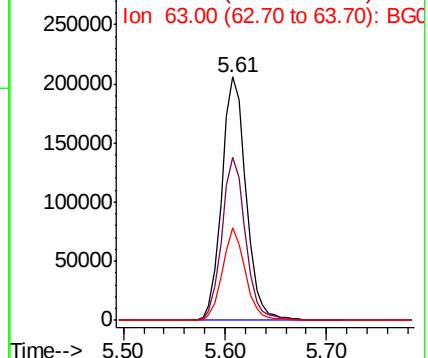
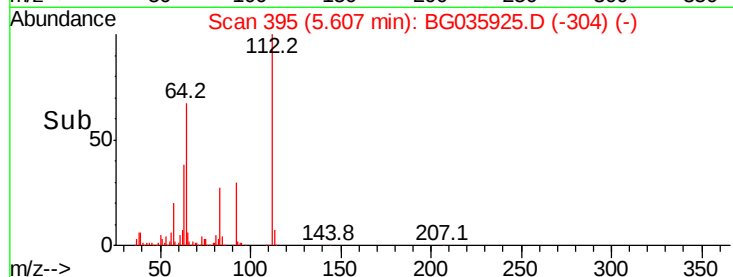
63 37.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 27.243 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

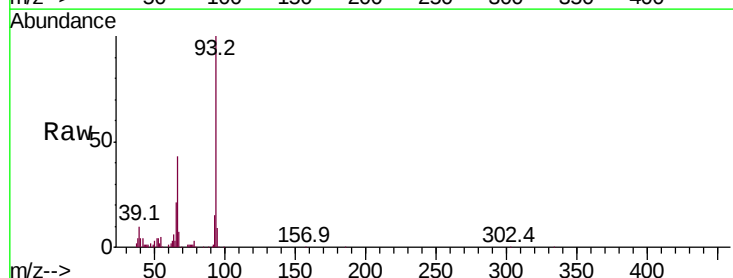
Tgt Ion: 93 Resp: 126631

Ion Ratio Lower Upper

93 100

66 42.7 33.7 50.5

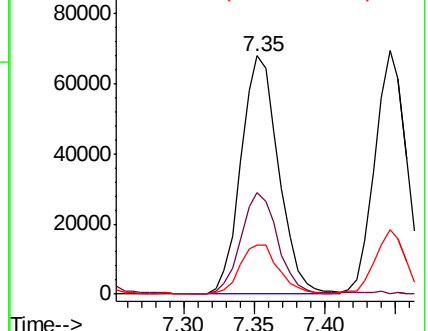
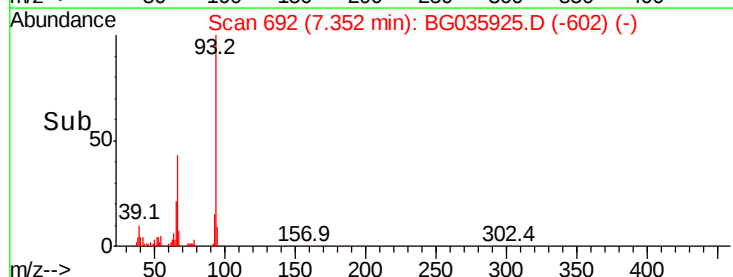
65 20.7 16.1 24.1

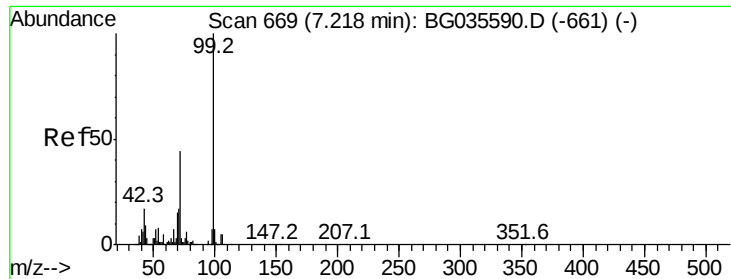


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 140.625 ng

RT: 7.20 min Scan# 666

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

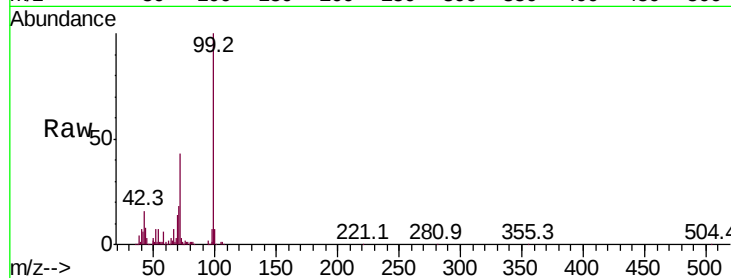
Tot Ion: 99 Resp: 504308

Ion Ratio Lower Upper

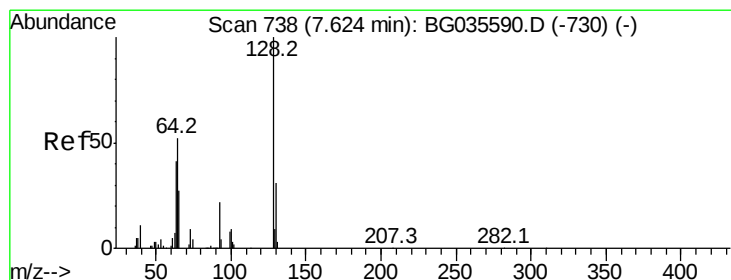
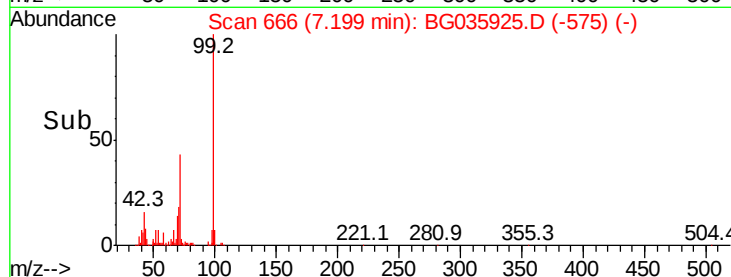
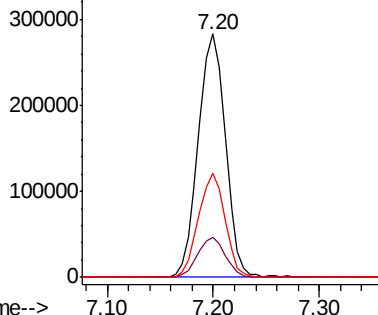
99 100

42 16.4 14.1 21.1

71 42.8 26.1 39.1#



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: 46.377 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

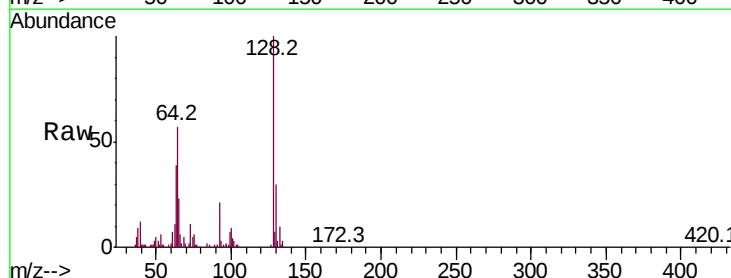
Tgt Ion:128 Resp: 113374

Ion Ratio Lower Upper

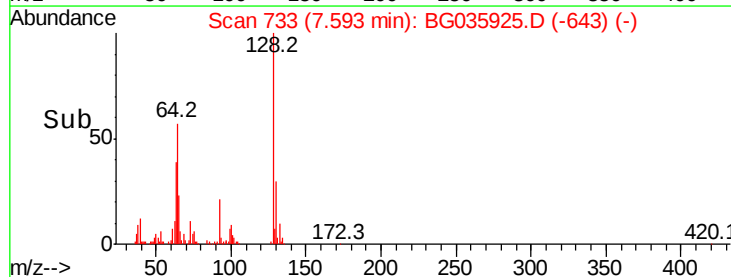
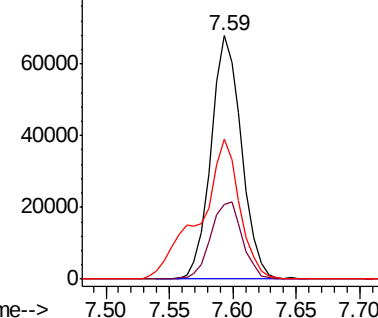
128 100

130 30.5 14.0 54.0

64 57.3 37.7 77.7



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: 34.974 ng

RT: 7.16 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampled :

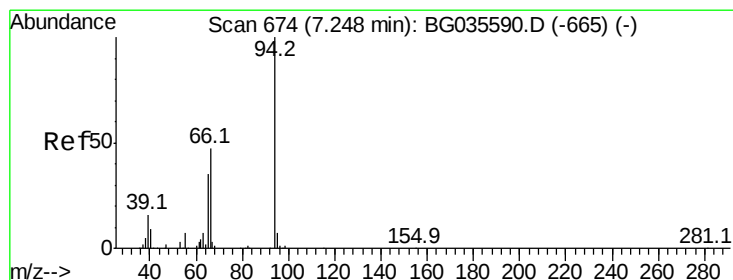
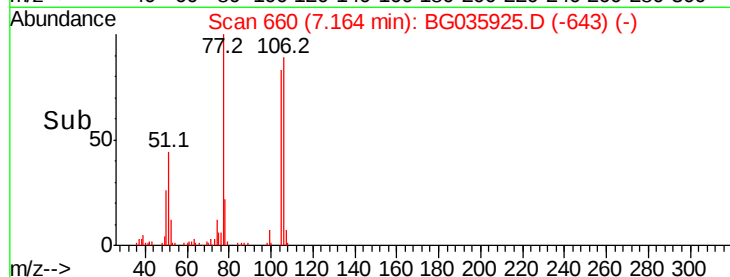
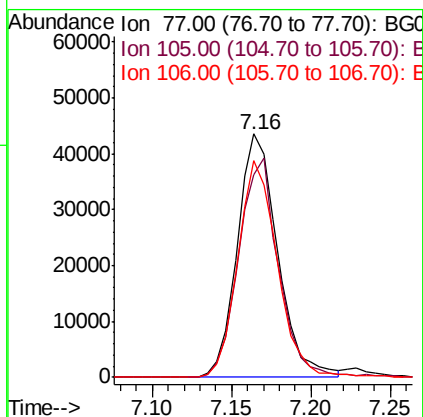
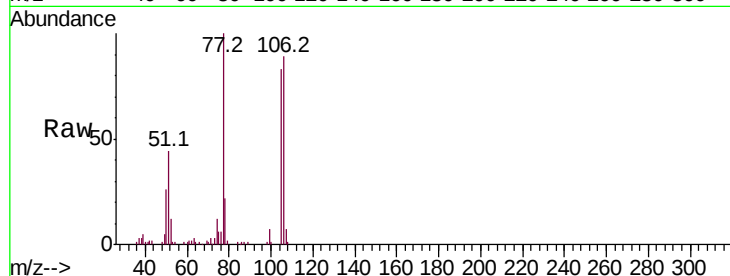
Tot Ion: 77 Resp: 76957

Ion Ratio Lower Upper

77 100

105 83.4 71.3 111.3

106 89.2 64.2 104.2



#10

Phenol

Concen: 46.161 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.01 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

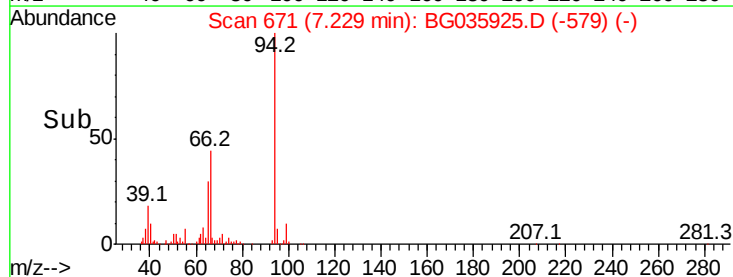
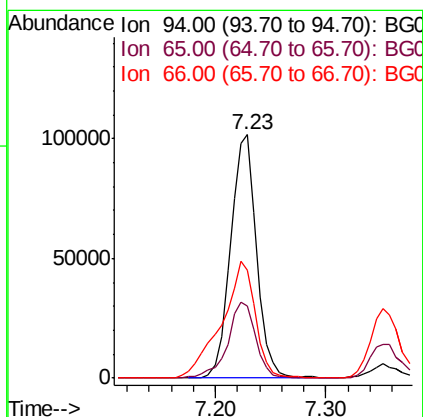
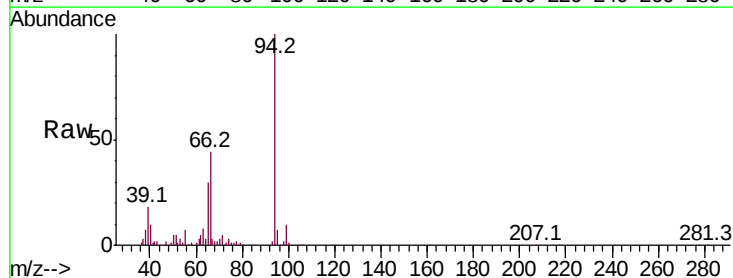
Tgt Ion: 94 Resp: 167248

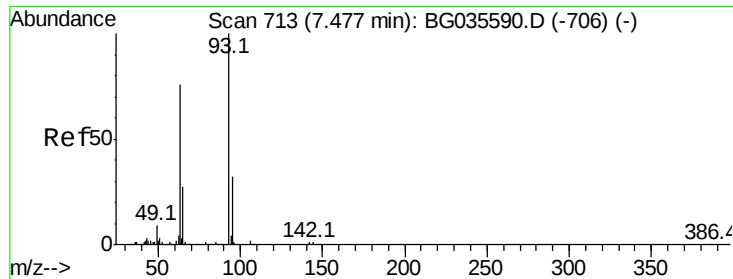
Ion Ratio Lower Upper

94 100

65 29.9 11.9 51.9

66 44.3 22.2 62.2

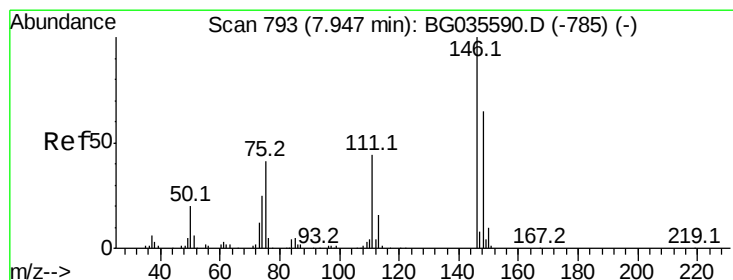
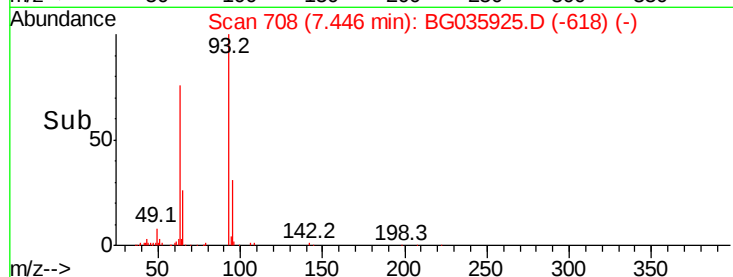
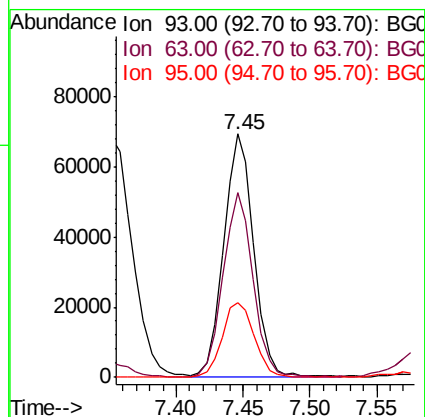
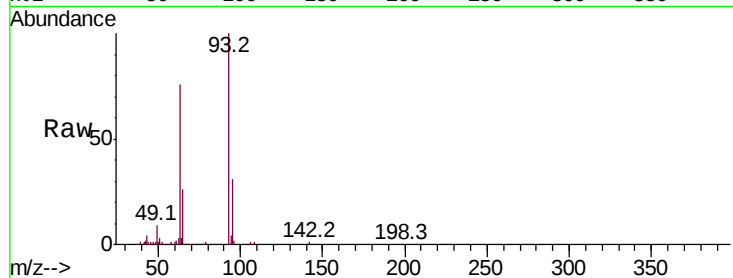




#11
 bis(2-Chloroethyl)ether
 Concen: 38.470 ng
 RT: 7.45 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

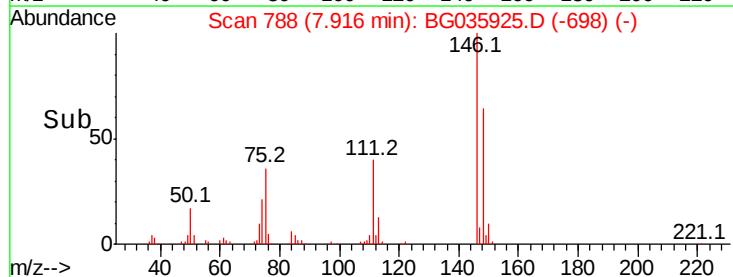
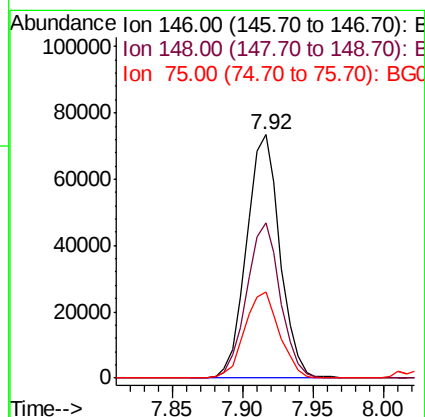
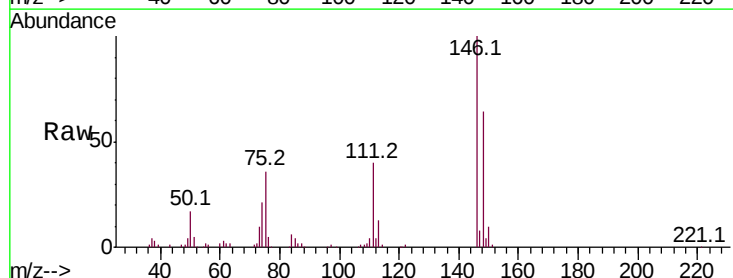
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 109157
 Ion Ratio Lower Upper
 93 100
 63 75.7 67.1 107.1
 95 30.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 41.245 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion: 146 Resp: 121761
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 75 35.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 40.890 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

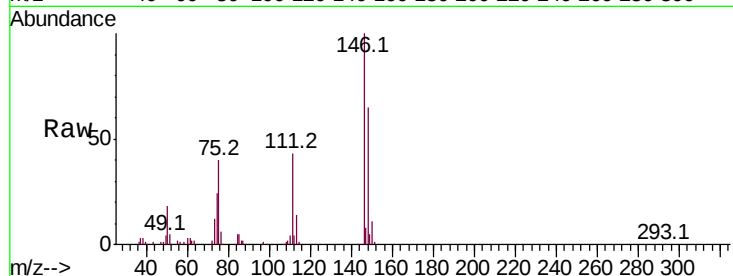
Tot Ion:146 Resp: 122648

Ion Ratio Lower Upper

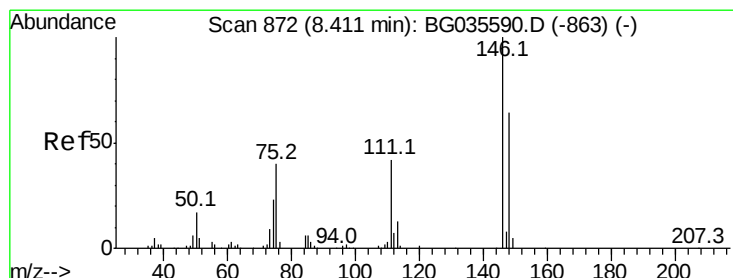
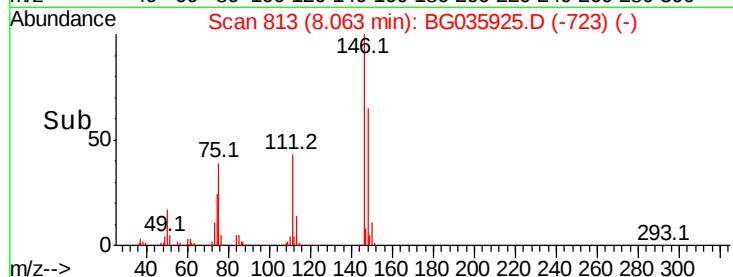
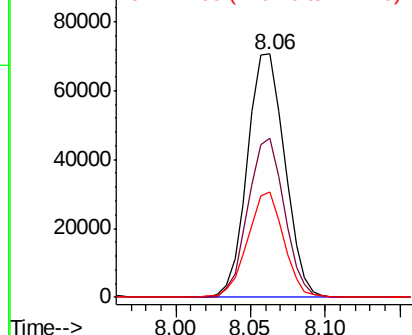
146 100

148 65.3 53.7 80.5

111 43.2 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 41.601 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

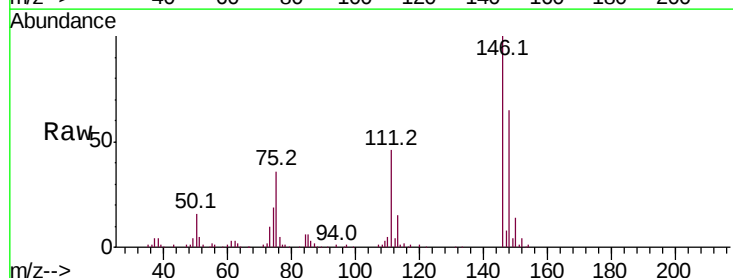
Tgt Ion:146 Resp: 119874

Ion Ratio Lower Upper

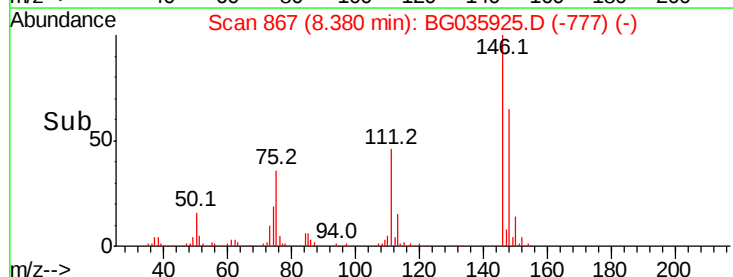
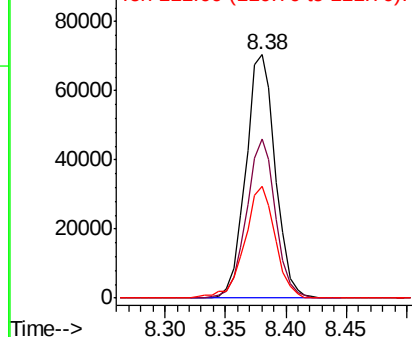
146 100

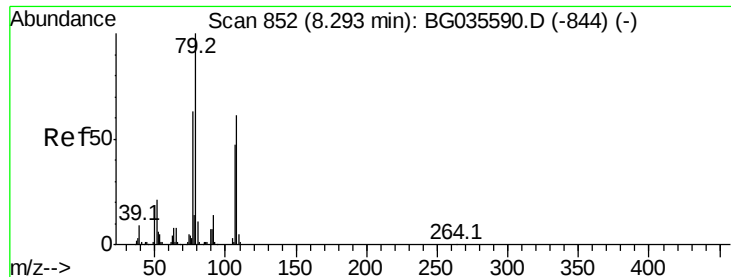
148 65.4 49.3 73.9

111 45.8 34.3 51.5



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: 40.186 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

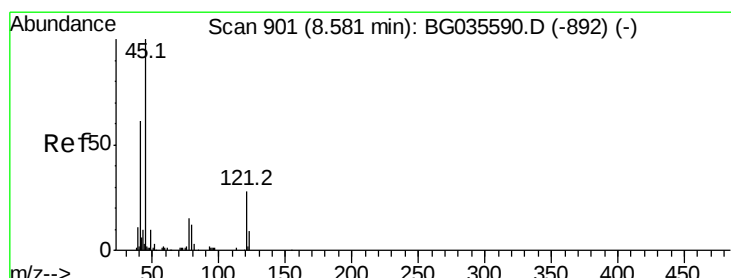
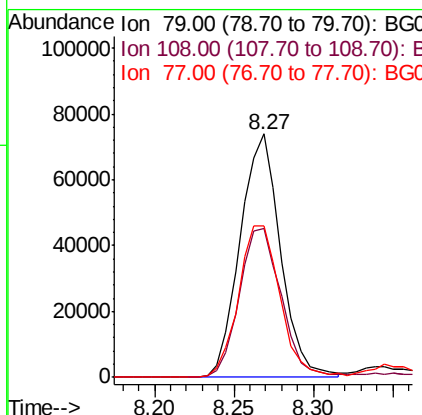
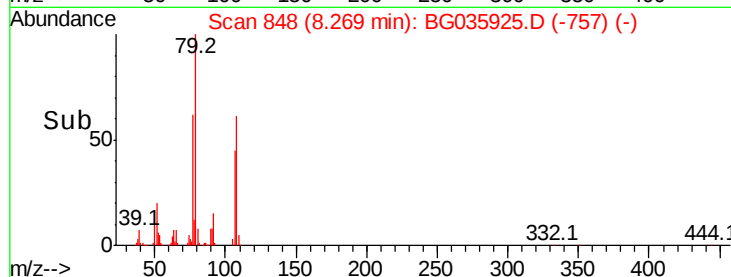
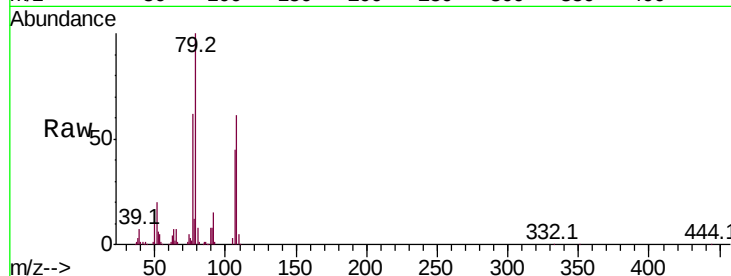
Tot Ion: 79 Resp: 130870

Ion Ratio Lower Upper

79 100

108 61.2 57.2 85.8

77 62.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.471 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

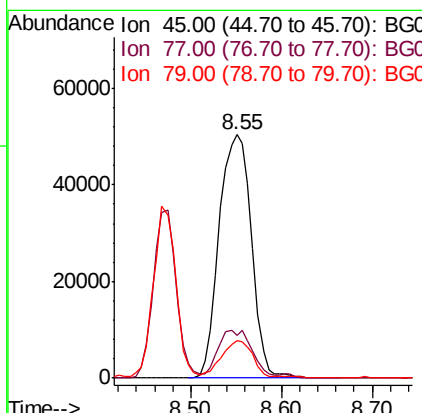
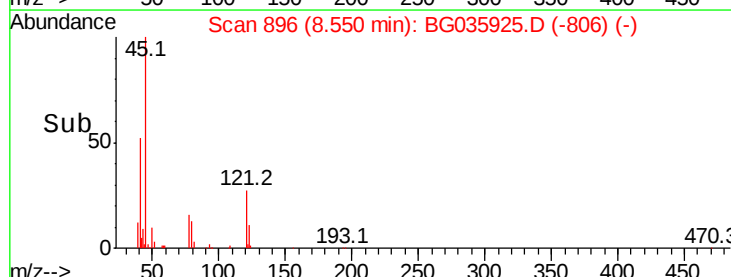
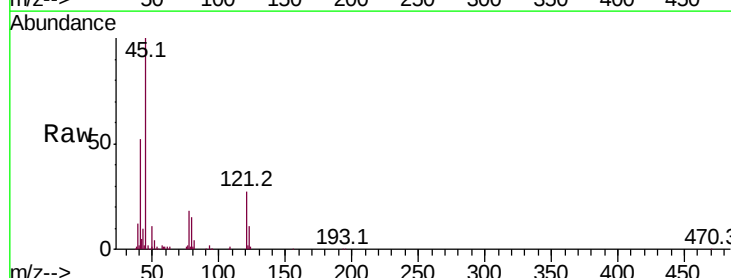
Tgt Ion: 45 Resp: 124820

Ion Ratio Lower Upper

45 100

77 17.7 0.0 30.2

79 15.5 0.0 27.9





#17

2-Methylphenol

Concen: 45.665 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 112489

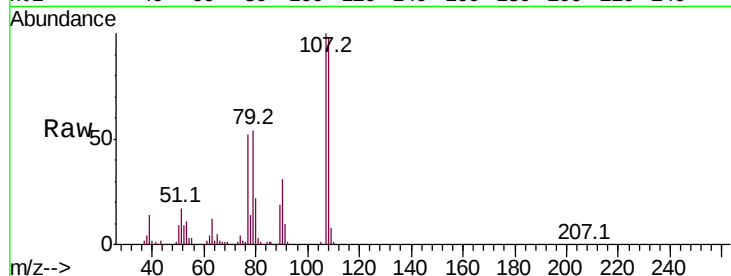
Ion Ratio Lower Upper

107 100

108 98.2 83.9 125.9

77 51.9 37.2 55.8

79 53.9 36.2 54.2

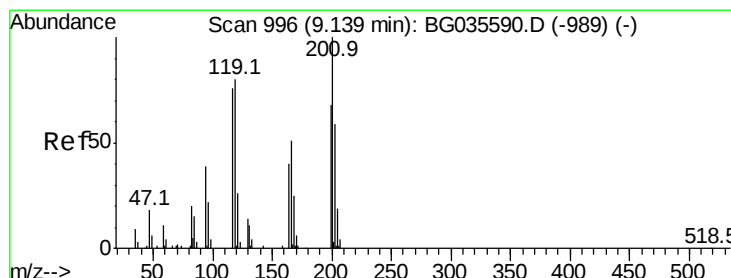
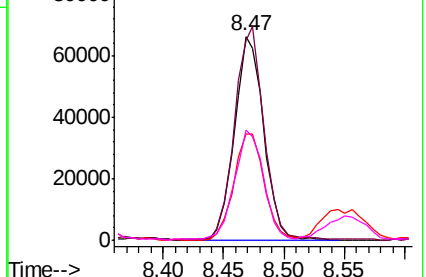
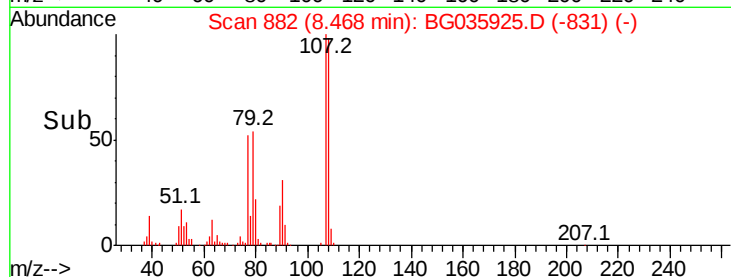


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.581 ng

RT: 9.10 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

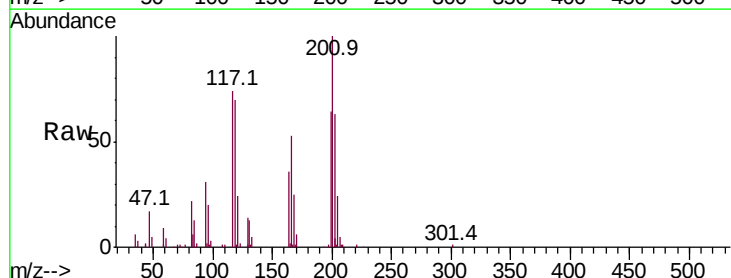
Tgt Ion:117 Resp: 46541

Ion Ratio Lower Upper

117 100

119 94.2 76.7 115.1

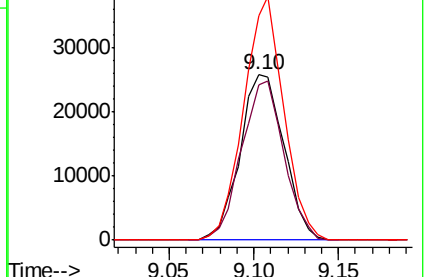
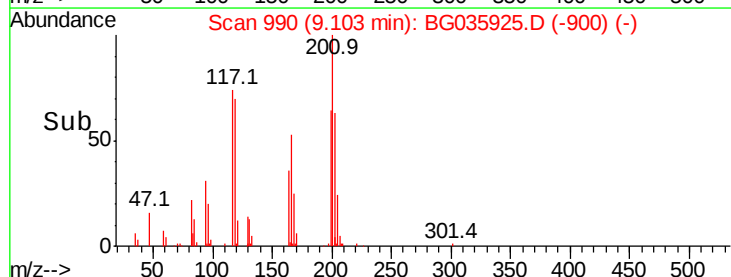
201 135.4 95.7 143.5

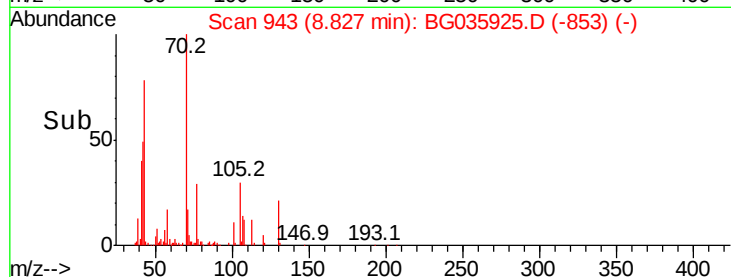
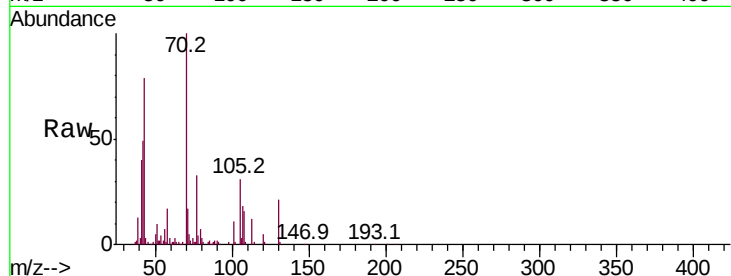
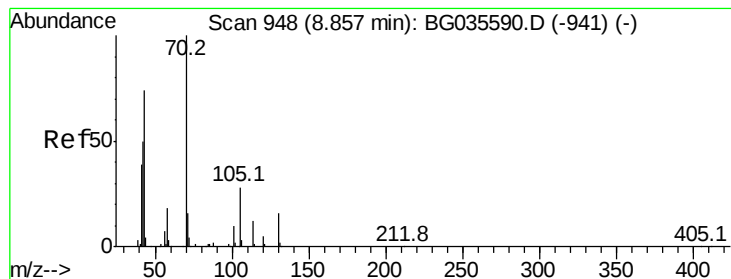


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.982 ng

RT: 8.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BG035925.D

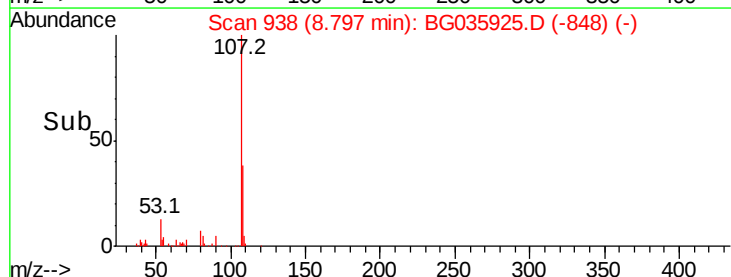
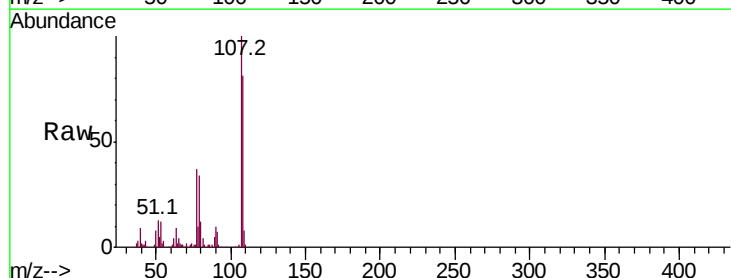
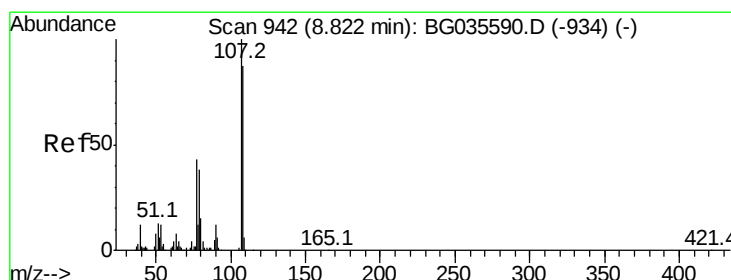
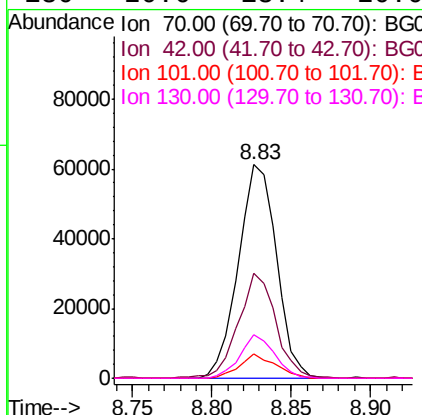
Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	102621
Ion	Ratio	Lower	Upper
70	100		
42	48.9	49.1	73.7#
101	11.3	8.5	12.7
130	20.6	13.4	20.0#



#20

3+4-Methylphenols

Concen: 44.027 ng

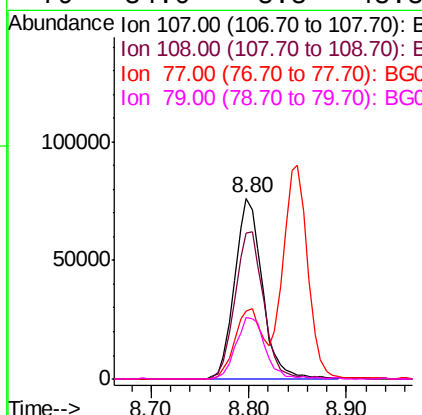
RT: 8.80 min Scan# 938

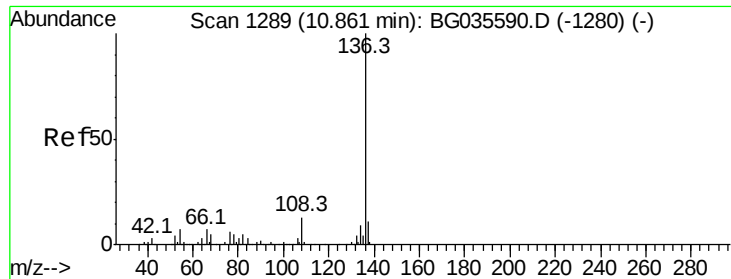
Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Tgt Ion:	107	Resp:	150455
Ion	Ratio	Lower	Upper
107	100		
108	80.9	61.6	101.6
77	37.4	13.9	53.9
79	34.0	8.8	48.8

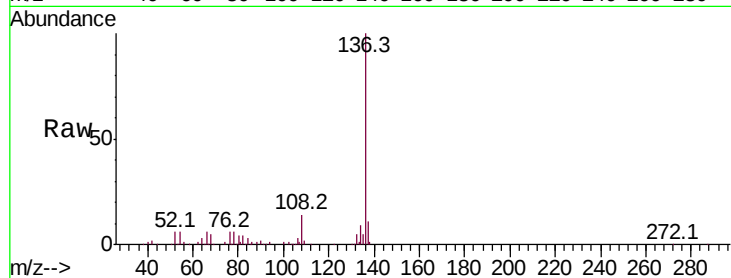




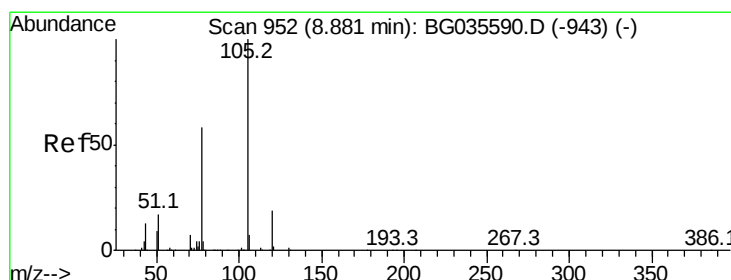
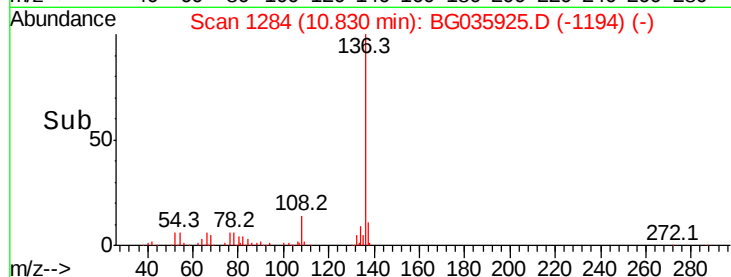
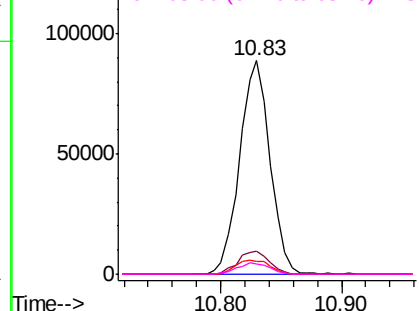
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	155252
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	6.3	10.3	15.5#
68	5.1	4.5	6.7

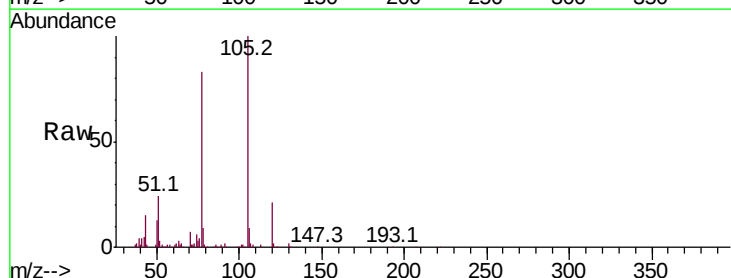


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

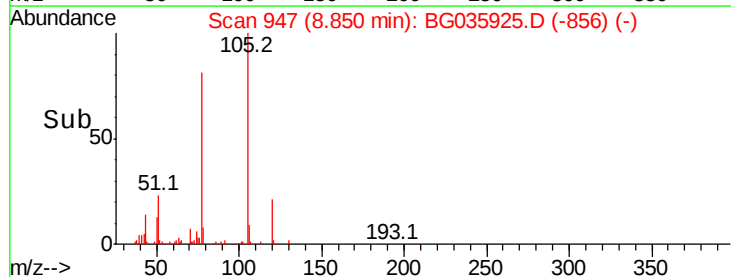
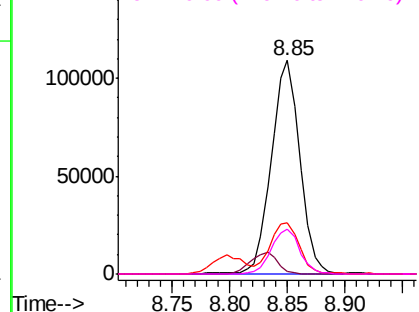


#22
Acetophenone
Concen: 39.016 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:	105	Resp:	188365
Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.0	4.4#
51	23.9	26.1	39.1#
120	21.0	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

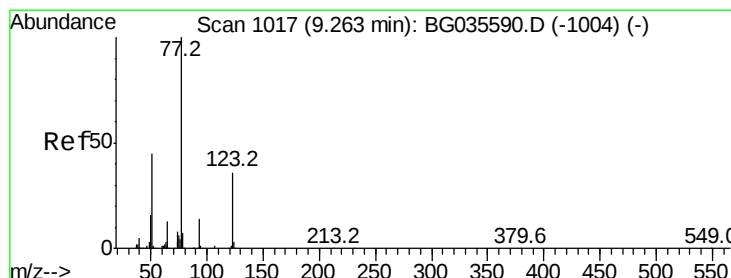
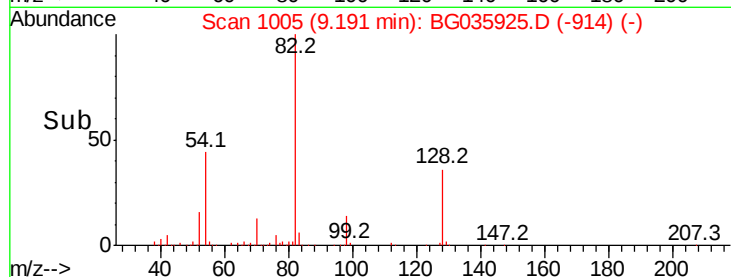
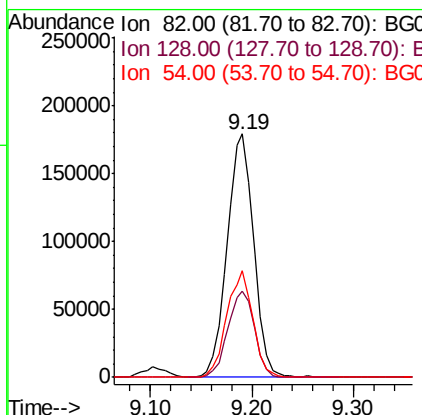
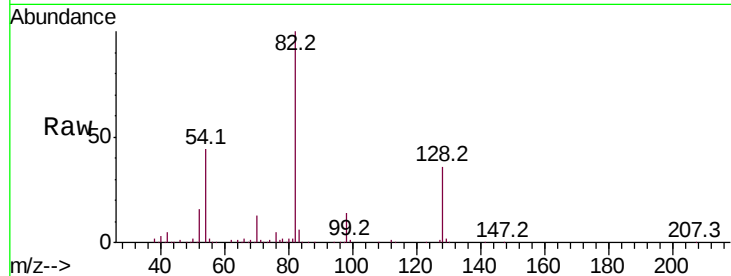




#23
 Nitrobenzene-d5
 Concen: 87.472 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

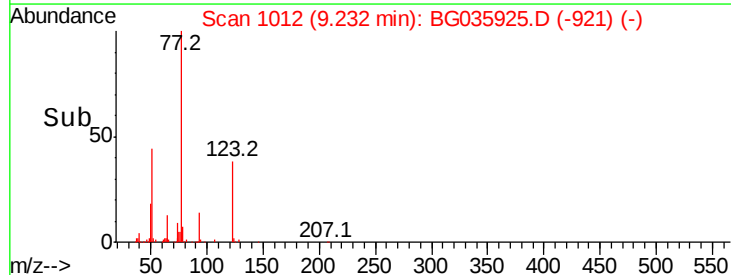
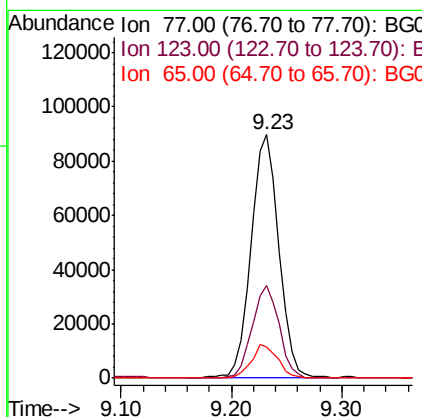
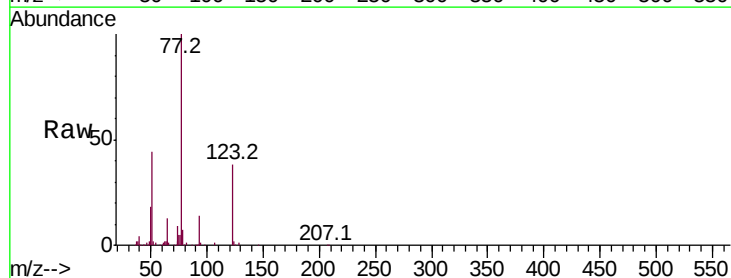
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	44.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 42.475 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 43.151 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

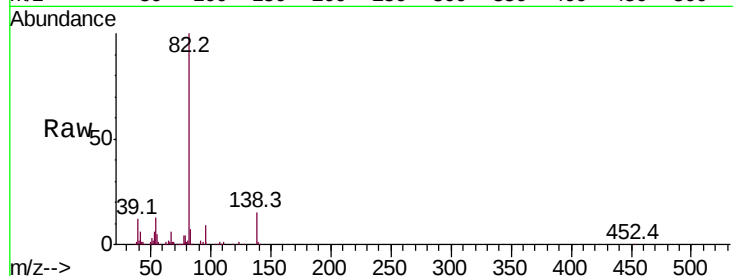
Tot Ion: 82 Resp: 297693

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

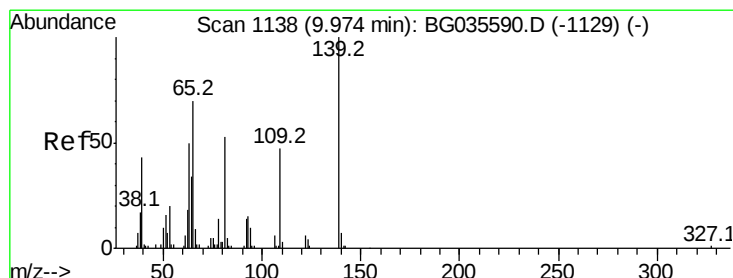
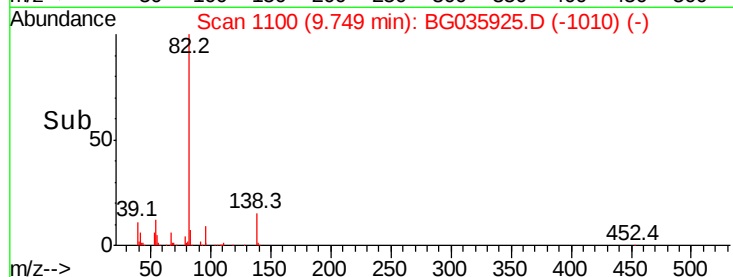
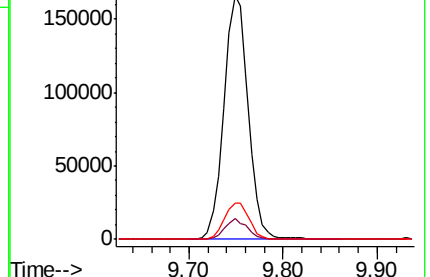
138 14.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BG035590.D (-1097) (-)

Ion 95.00 (94.70 to 95.70): BG035590.D (-1097) (-)

Ion 138.00 (137.70 to 138.70): BG035590.D (-1097) (-)



#26

2-Nitrophenol

Concen: 49.699 ng

RT: 9.94 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

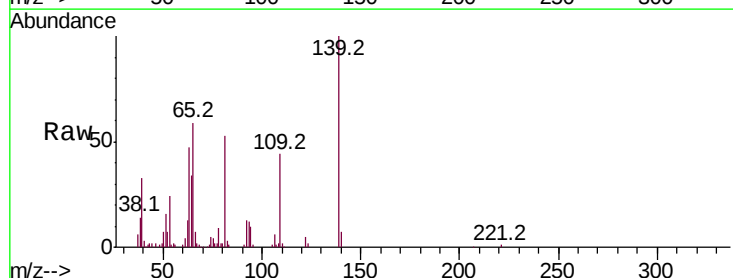
Tgt Ion: 139 Resp: 65971

Ion Ratio Lower Upper

139 100

109 44.4 24.2 36.2#

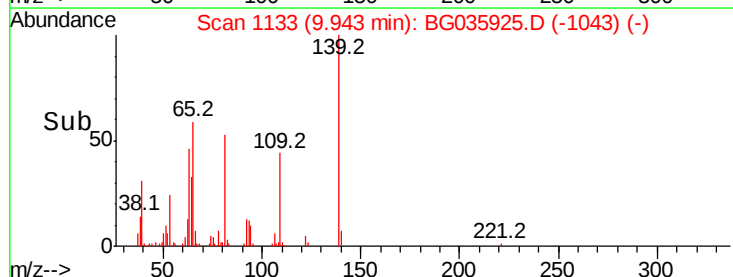
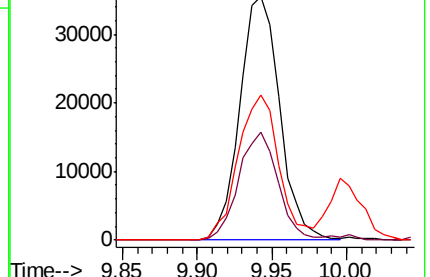
65 59.4 47.4 71.0

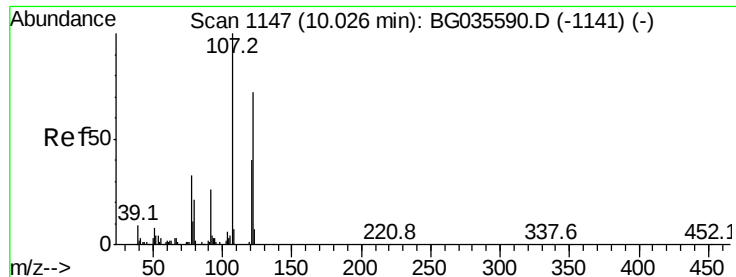


Abundance Ion 139.00 (138.70 to 139.70): BG035590.D (-1129) (-)

Ion 109.00 (108.70 to 109.70): BG035590.D (-1129) (-)

Ion 65.00 (64.70 to 65.70): BG035590.D (-1129) (-)

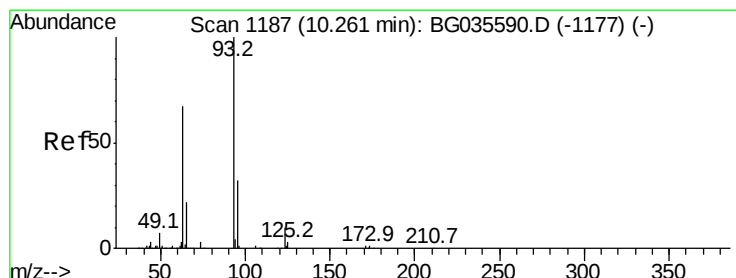
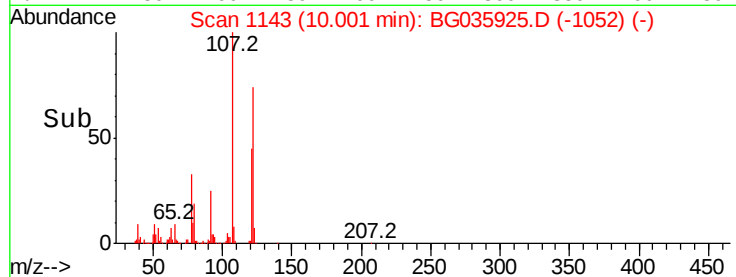
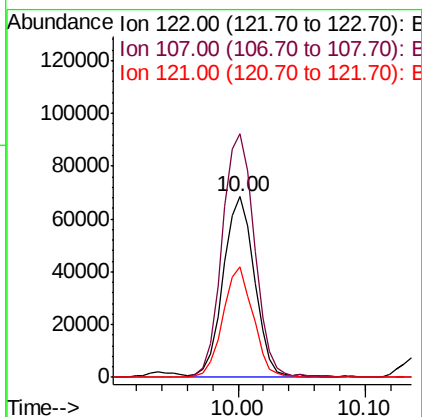
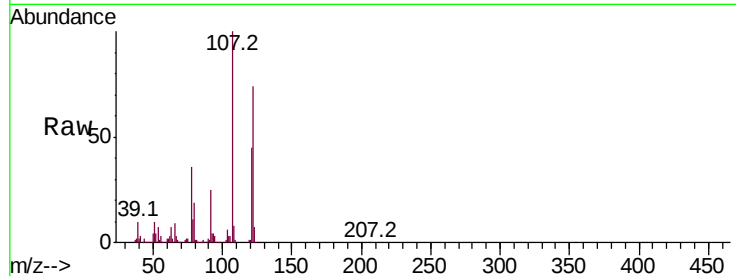




#27
 2,4-Dimethylphenol
 Concen: 52.390 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

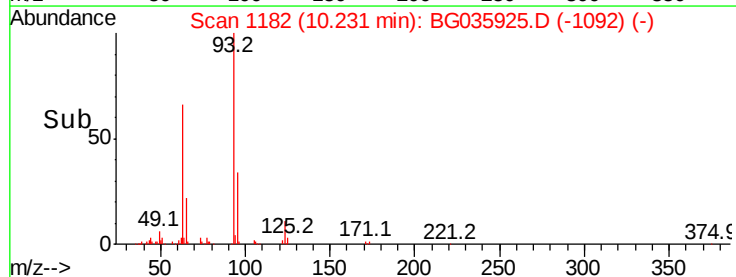
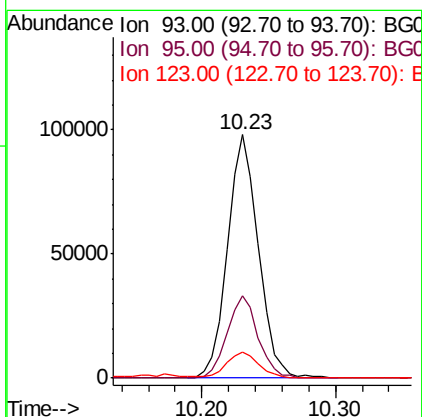
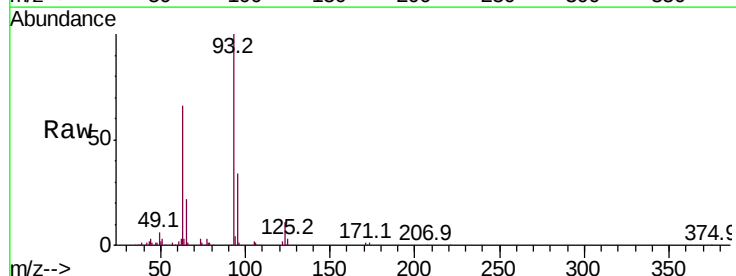
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 117717
 Ion Ratio Lower Upper
 122 100
 107 135.0 100.2 150.2
 121 61.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.531 ng
 RT: 10.23 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion: 93 Resp: 157878
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.3 36.5
 123 10.8 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.788 ng

RT: 10.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampled :

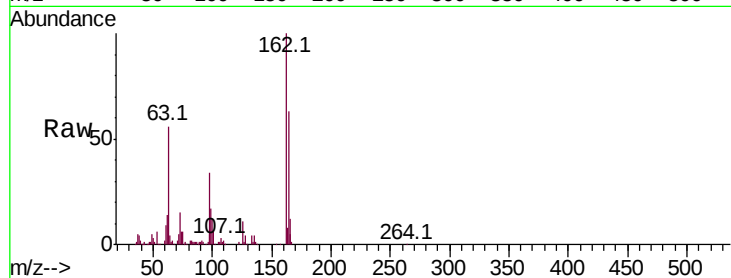
Tot Ion:162 Resp: 130266

Ion Ratio Lower Upper

162 100

164 63.5 48.0 88.0

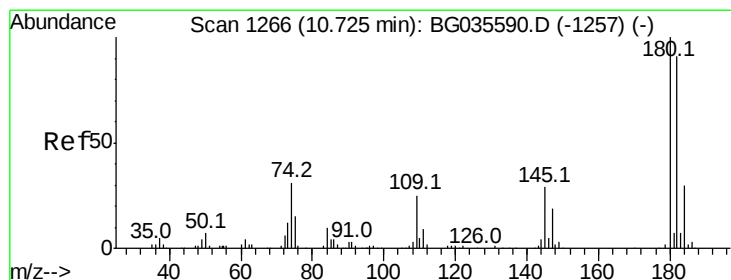
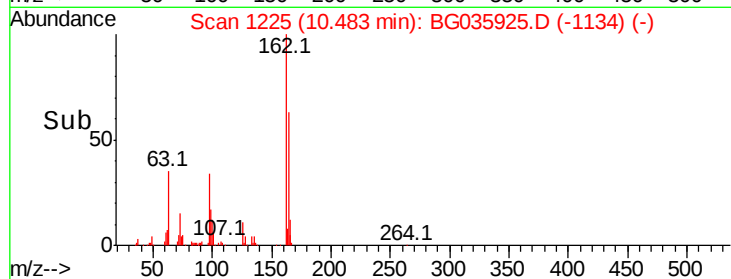
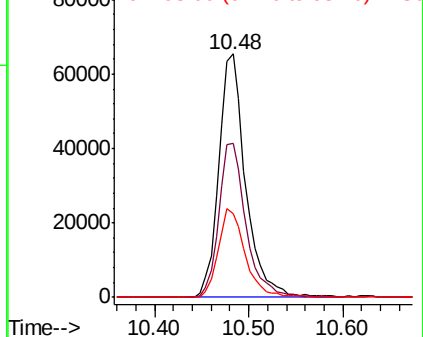
98 34.3 21.1 61.1



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: 43.761 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

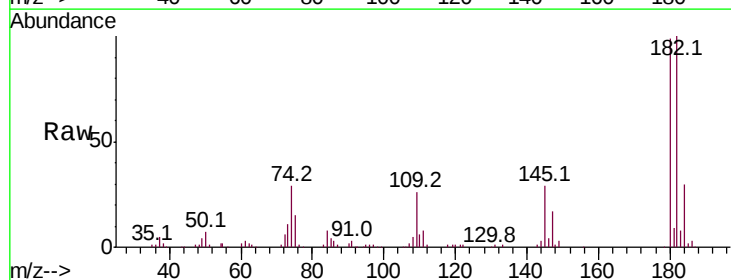
Tgt Ion:180 Resp: 137634

Ion Ratio Lower Upper

180 100

182 101.2 77.5 116.3

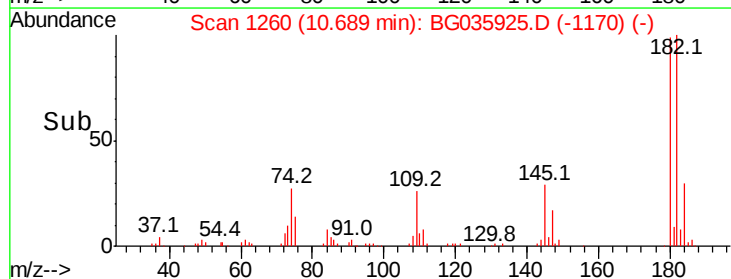
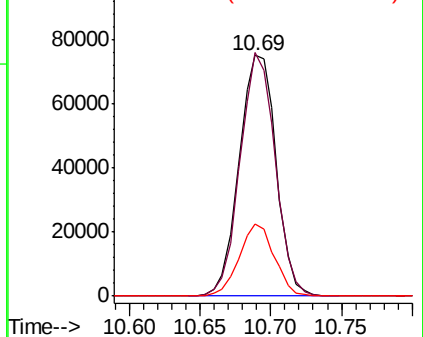
145 29.8 23.4 35.2



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

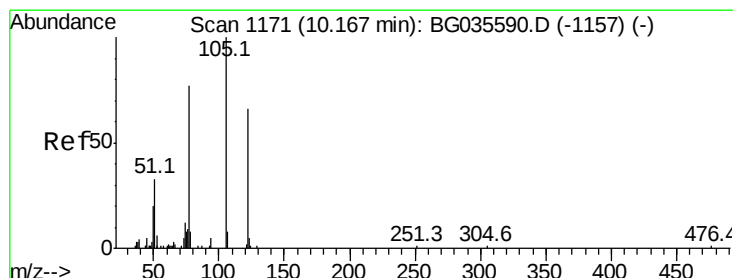
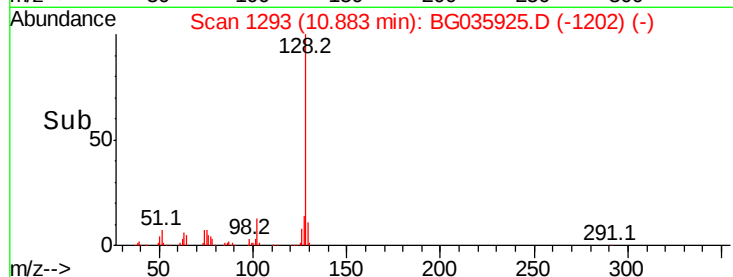
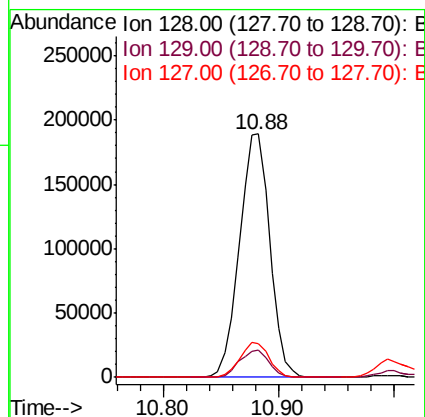
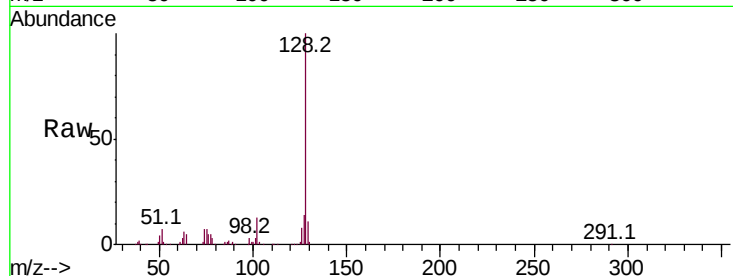




#31
Naphthalene
Concen: 42.490 ng
RT: 10.88 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

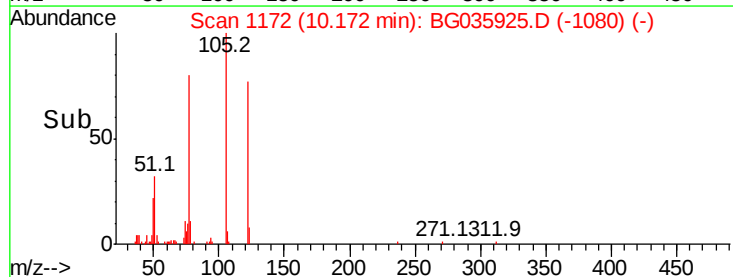
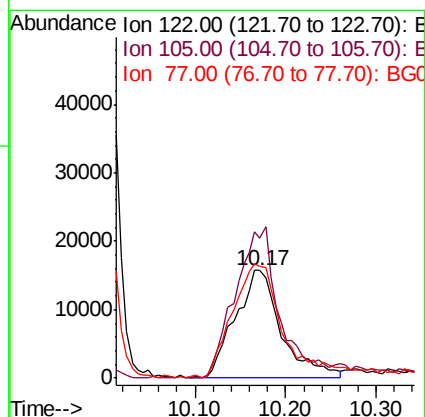
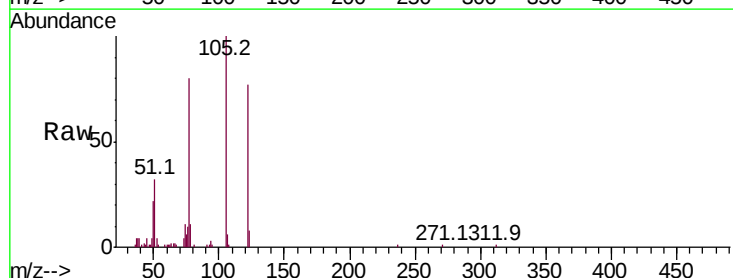
Instrument :
BNA_G
ClientSampled :

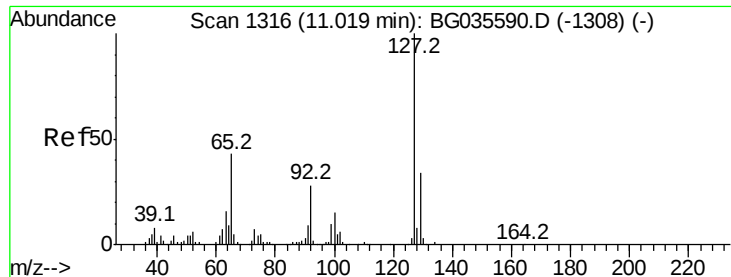
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.7	11.6	17.4



#32
Benzoic acid
Concen: 36.821 ng
RT: 10.17 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.8	123.5	163.5
77	103.9	85.7	125.7

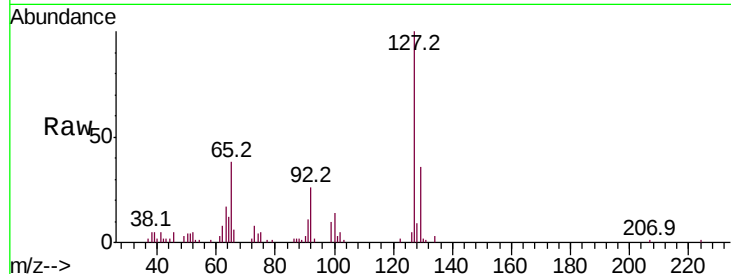




#33
4-Chloroaniline
Concen: 8.629 ng
RT: 10.99 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.1	24.0	36.0#
65	37.6	27.0	40.4
92	26.4	16.6	25.0#



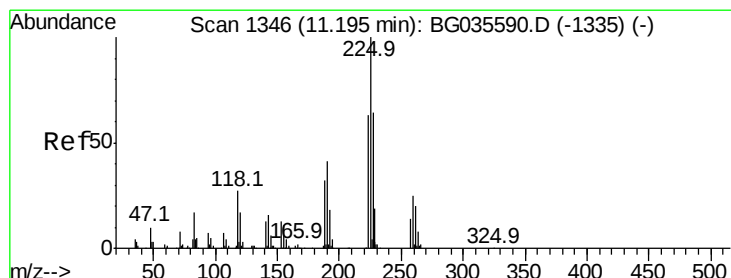
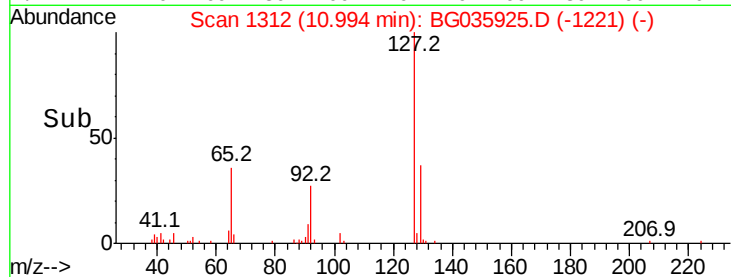
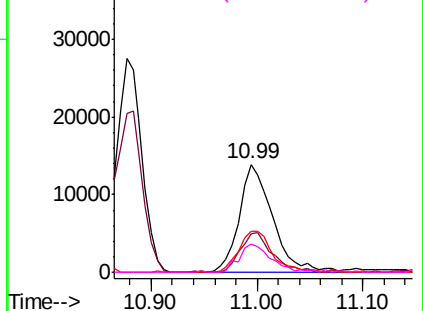
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

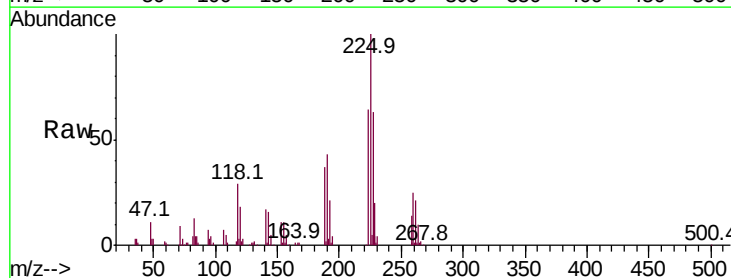
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 42.338 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	49.7	74.5
227	63.0	48.1	72.1

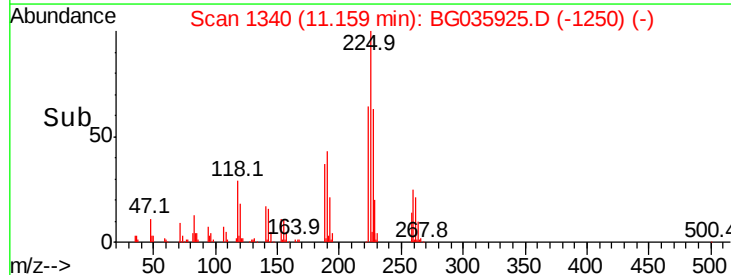
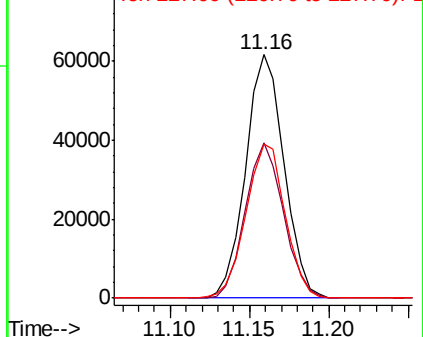


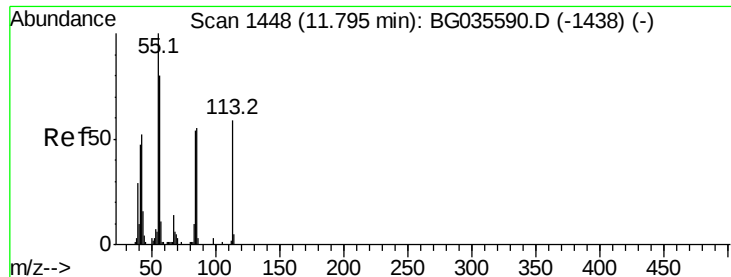
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

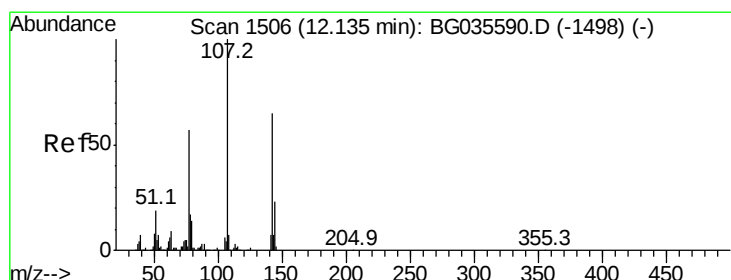
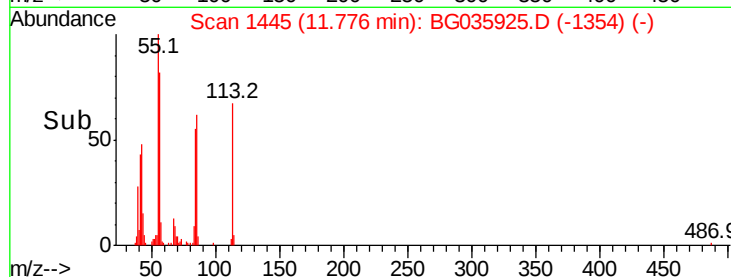
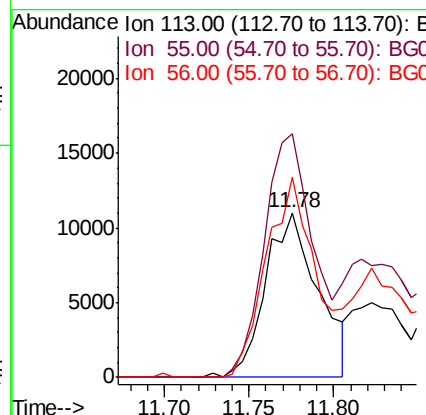
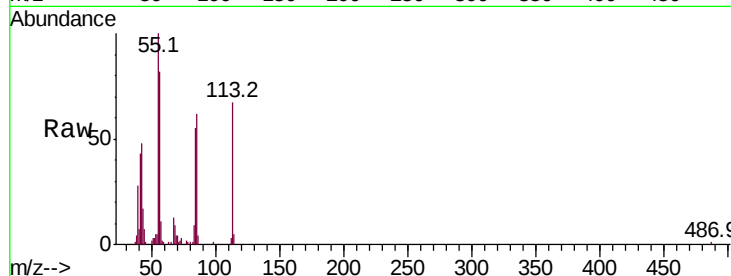




#35
Caprolactam
Concen: 21.472 ng
RT: 11.78 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

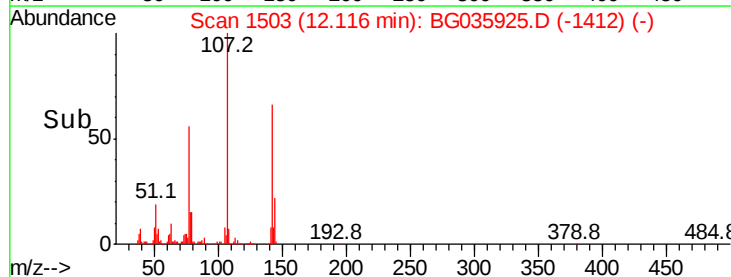
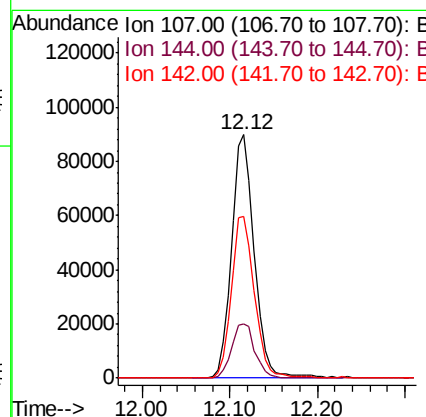
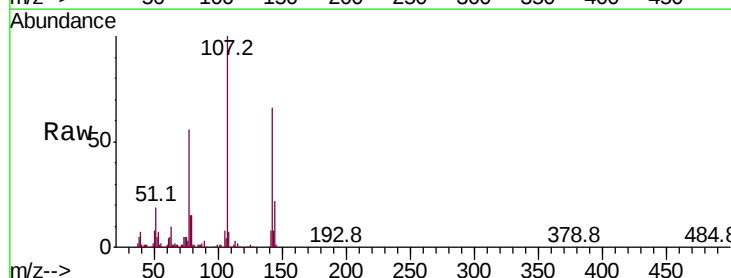
Instrument :
BNA_G
ClientSampleId :

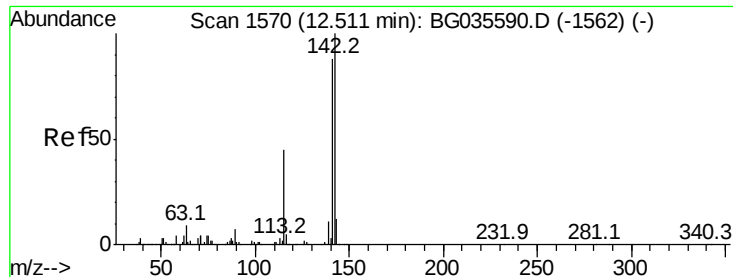
Tot Ion:113 Resp: 23634
Ion Ratio Lower Upper
113 100
55 148.2 186.9 226.9#
56 121.5 130.9 170.9#



#36
4-Chloro-3-methylphenol
Concen: 46.173 ng
RT: 12.12 min Scan# 1503
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:107 Resp: 158743
Ion Ratio Lower Upper
107 100
144 22.4 18.2 27.4
142 66.3 59.0 88.4

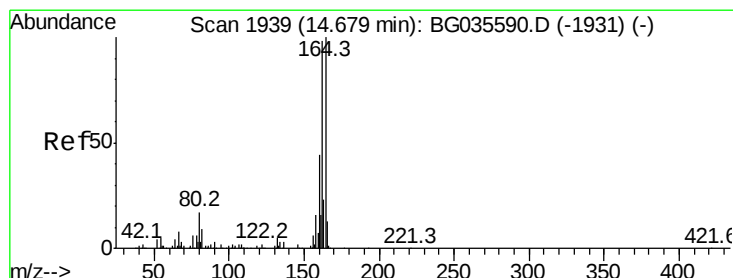
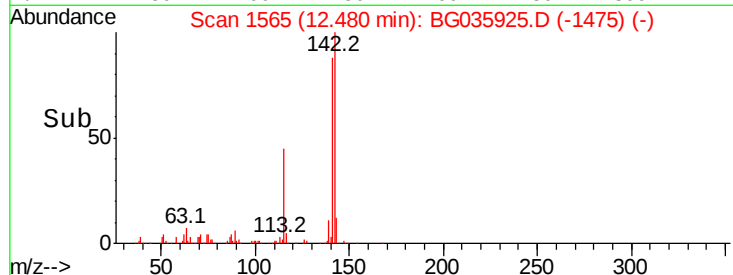
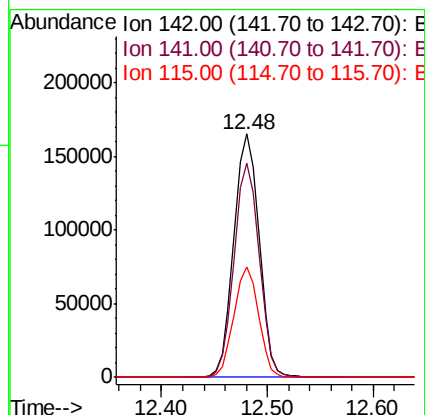
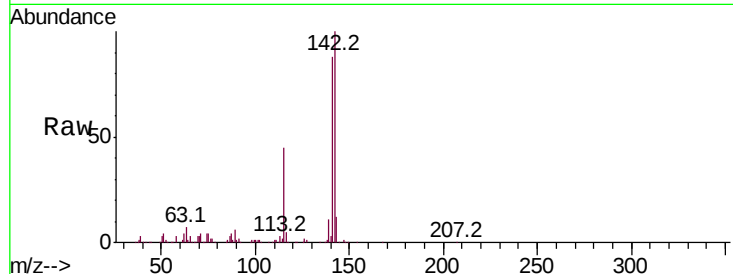




#37
2-Methylnaphthalene
Concen: 45.499 ng
RT: 12.48 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

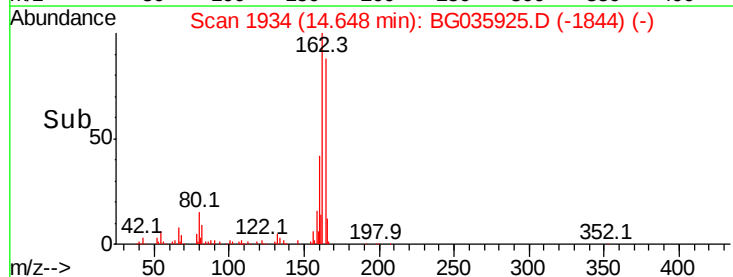
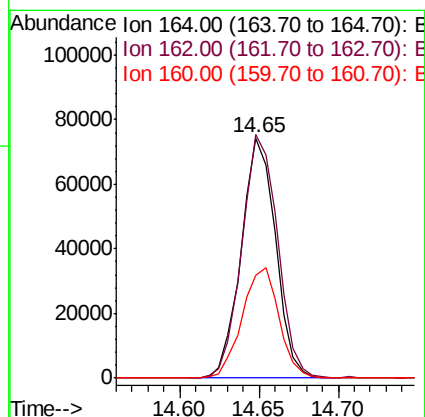
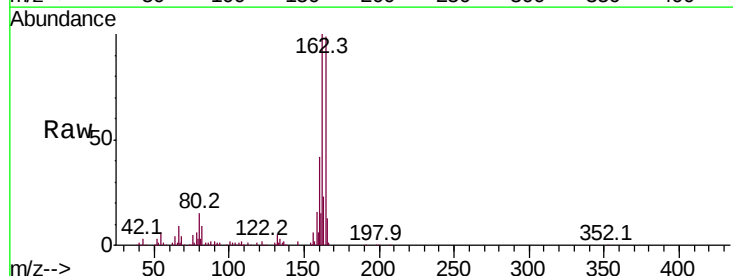
Instrument :
BNA_G
ClientSampleId :

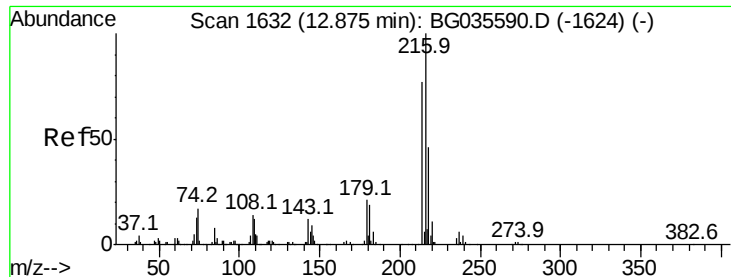
Tot Ion:142 Resp: 274133
Ion Ratio Lower Upper
142 100
141 87.9 67.1 100.7
115 45.1 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:164 Resp: 111920
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 43.0 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.608 ng

RT: 12.85 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 179988

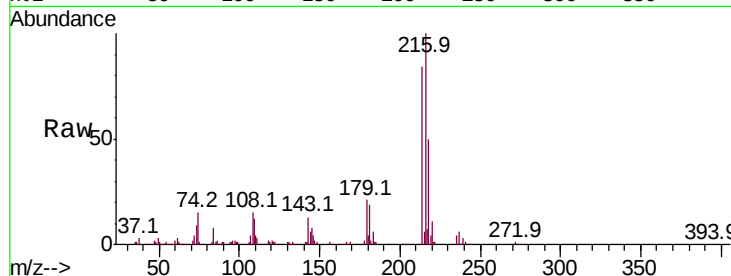
Ion Ratio Lower Upper

216 100

214 82.4 63.0 94.4

179 20.7 17.0 25.6

108 16.8 12.8 19.2

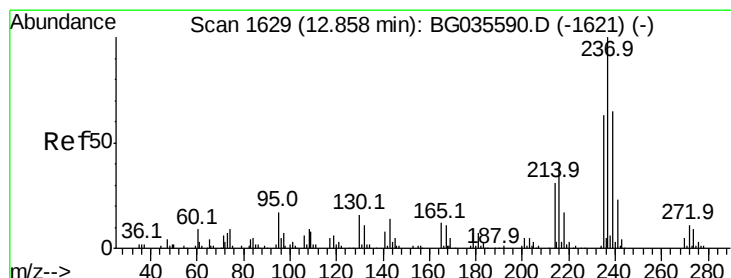
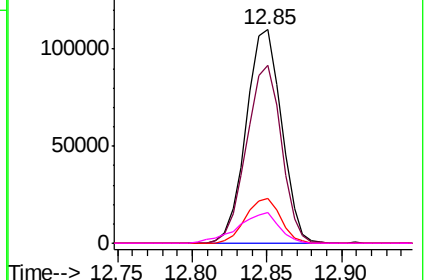
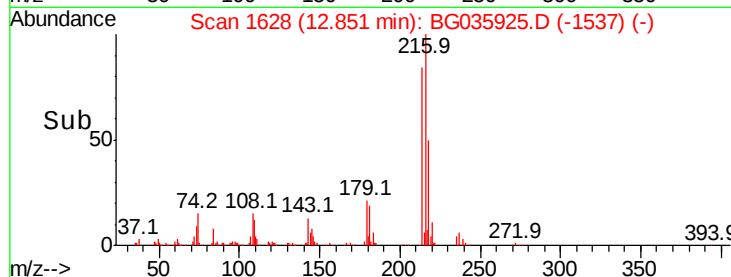


Abundance Ion 216.00 (215.70 to 216.70): E

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: 104.126 ng

RT: 12.83 min Scan# 1624

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

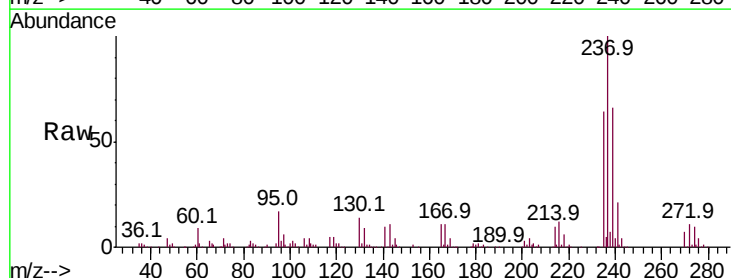
Tgt Ion:237 Resp: 230679

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

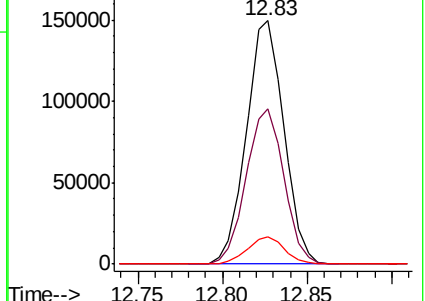
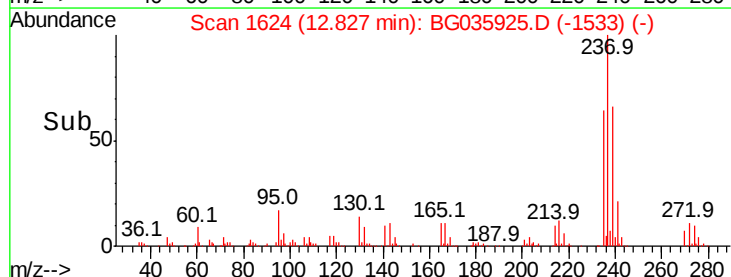
272 11.2 0.0 31.8



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

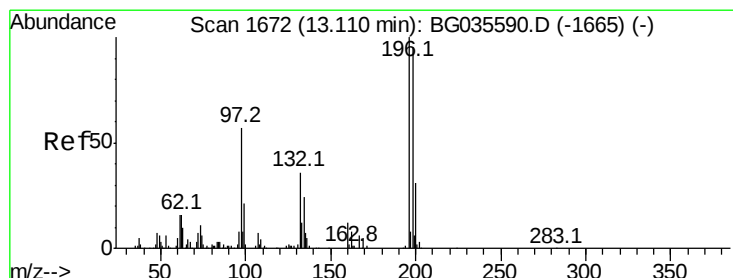
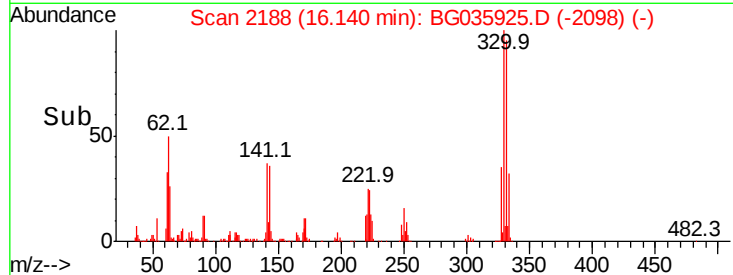
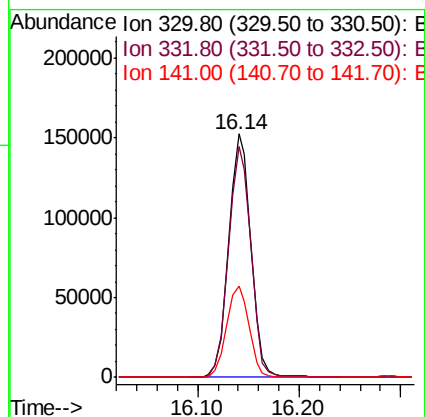
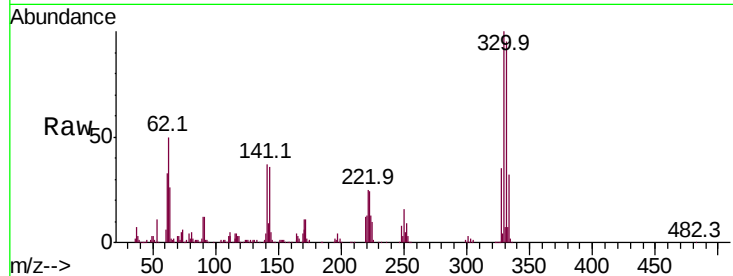




#41
 2,4,6-Tribromophenol
 Concen: 156.772 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

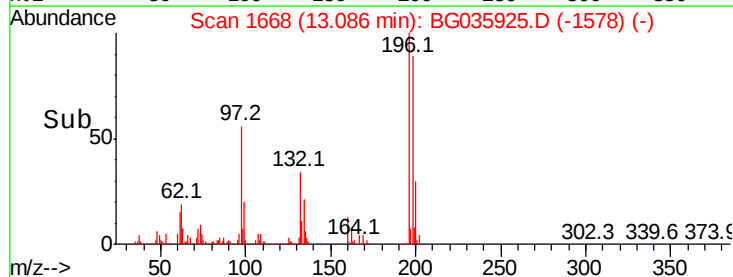
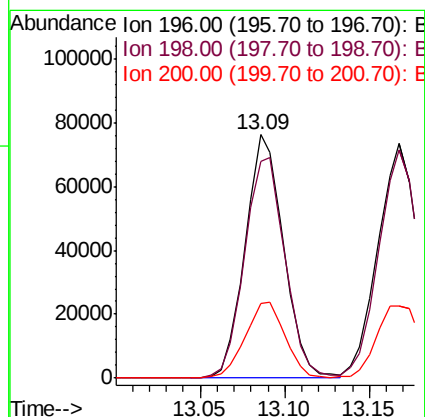
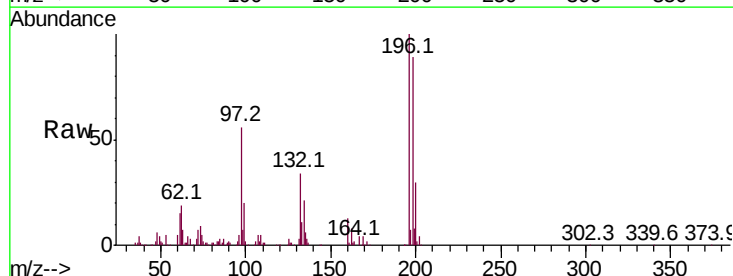
Instrument :
 BNA_G
 ClientSampleId :

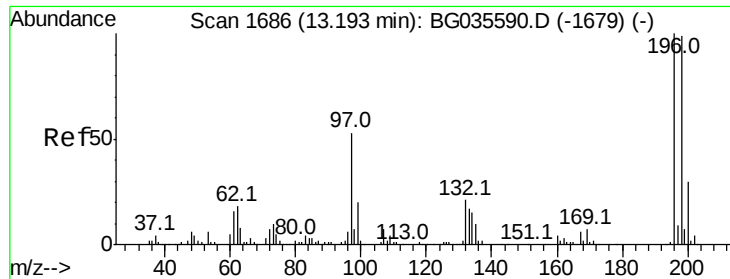
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	38.3	25.2	37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 48.948 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	88.8	78.2	117.2
200	30.4	24.6	36.8

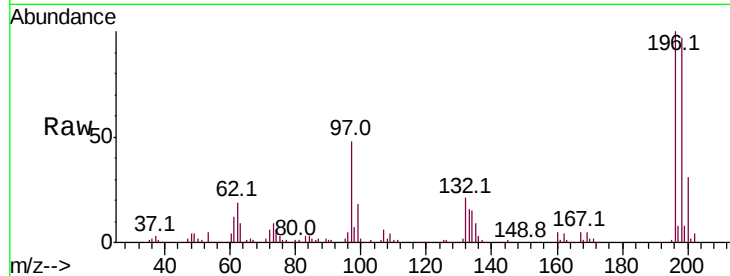




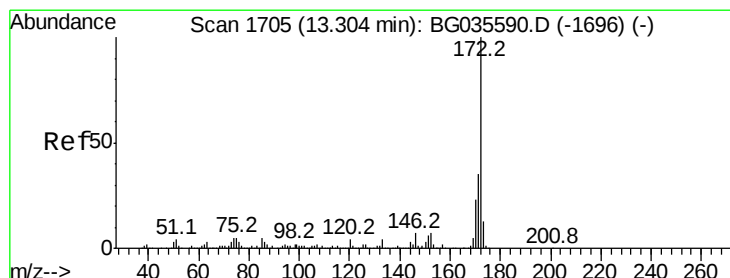
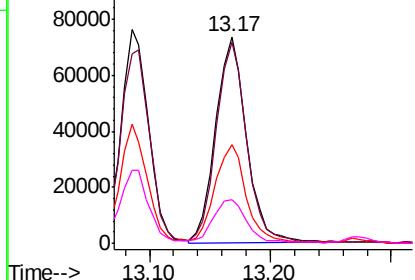
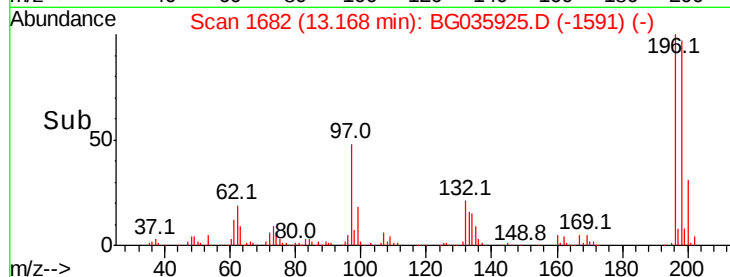
#43
 2,4,5-Trichlorophenol
 Concen: 46.701 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	129061
Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.4
97	47.6	38.7	58.1
132	21.2	20.2	30.2

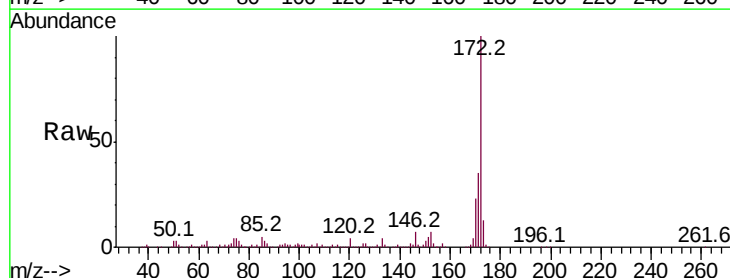


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

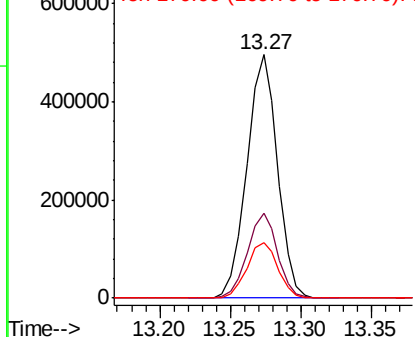
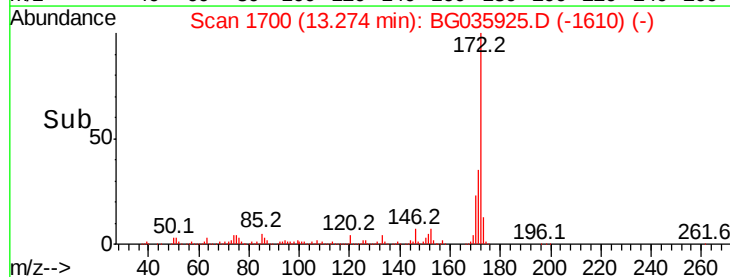


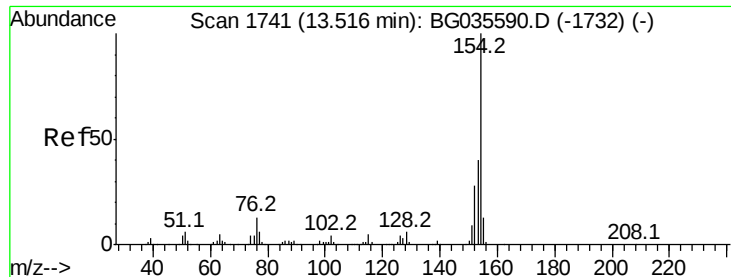
#44
 2-Fluorobiphenyl
 Concen: 89.955 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion:	172	Resp:	751471
Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.0	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.308 ng

RT: 13.48 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

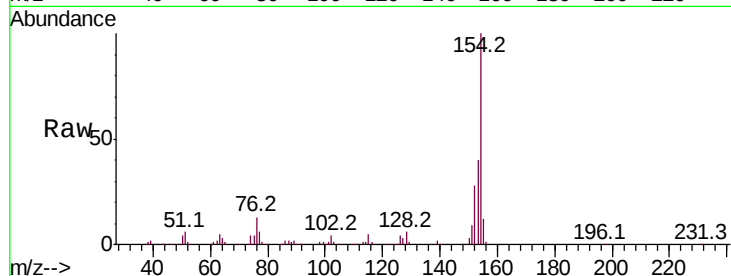
Tot Ion:154 Resp: 375785

Ion Ratio Lower Upper

154 100

153 40.2 19.8 59.8

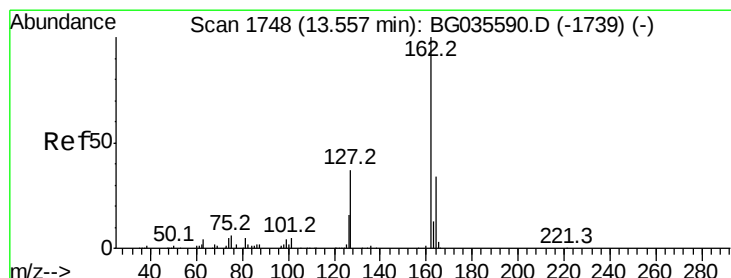
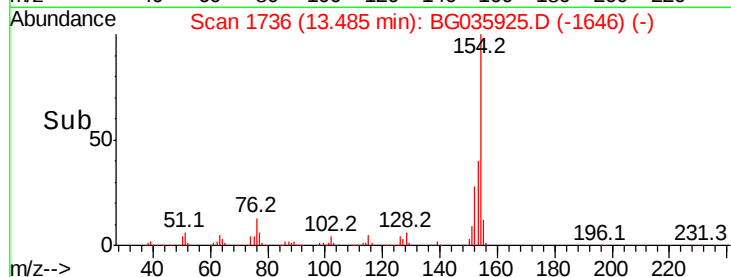
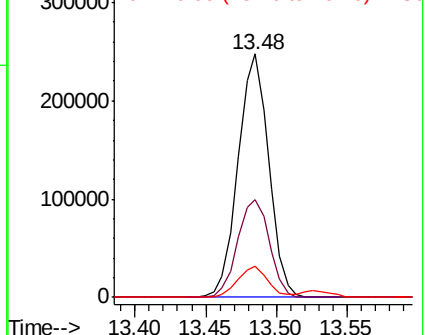
76 13.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 44.308 ng

RT: 13.53 min Scan# 1743

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

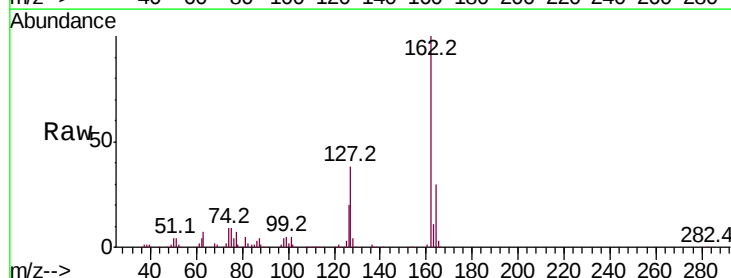
Tgt Ion:162 Resp: 299055

Ion Ratio Lower Upper

162 100

127 37.9 30.7 46.1

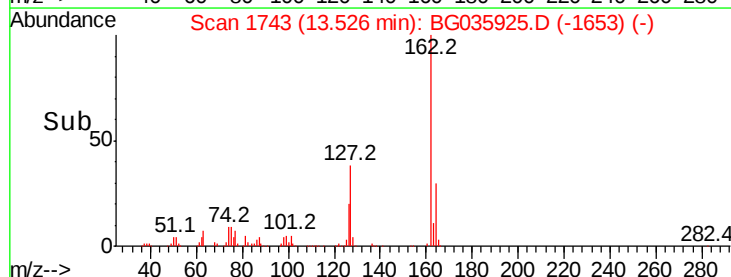
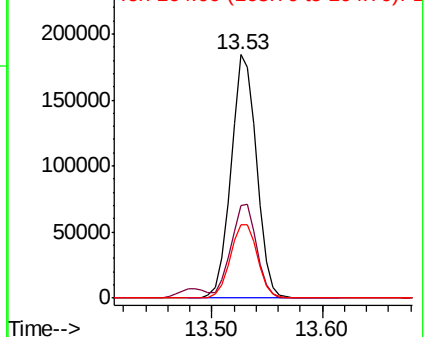
164 30.2 26.0 39.0

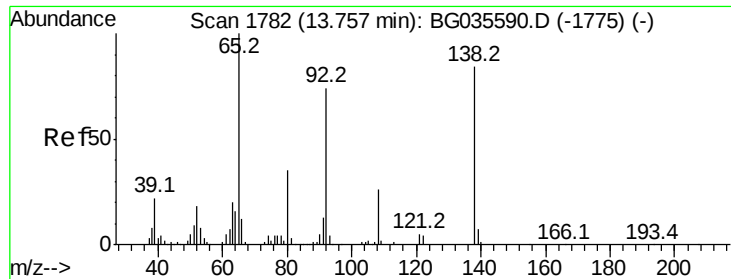


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

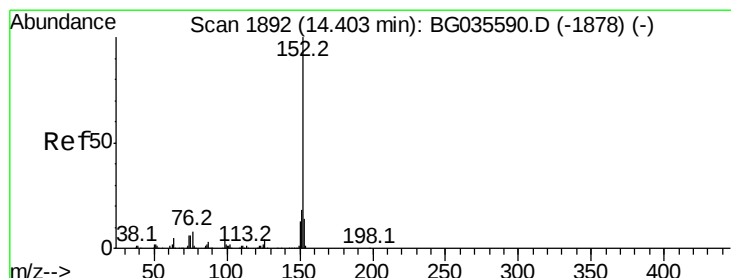
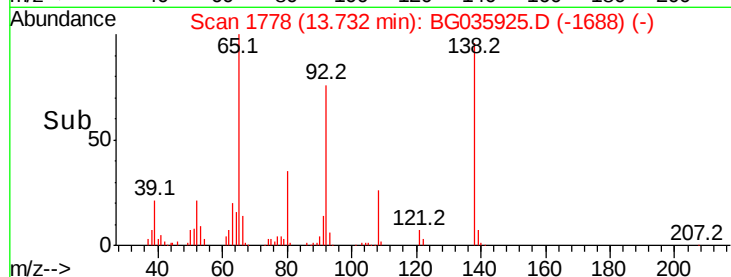
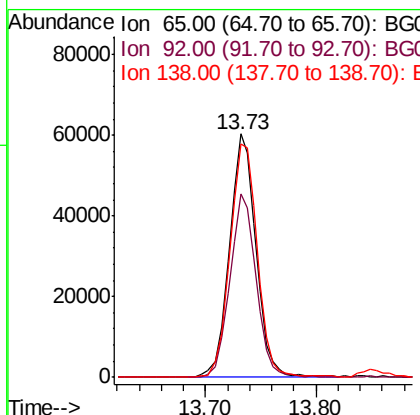
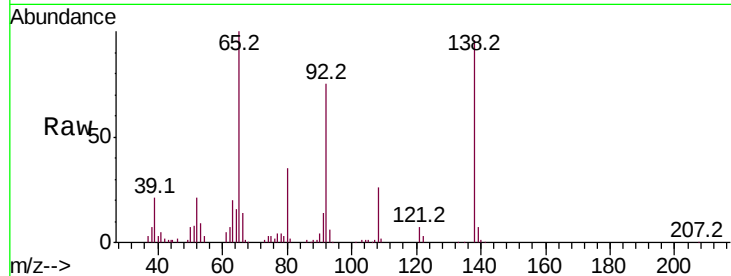




#47
2-Nitroaniline
Concen: 42.433 ng
RT: 13.73 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

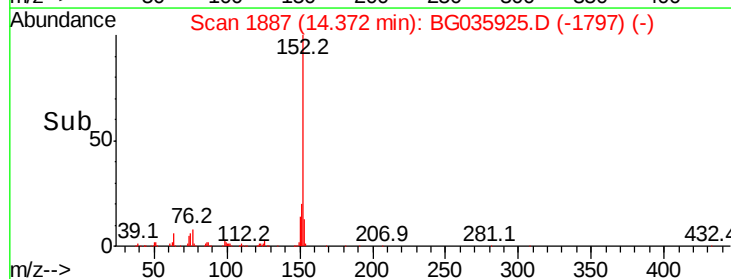
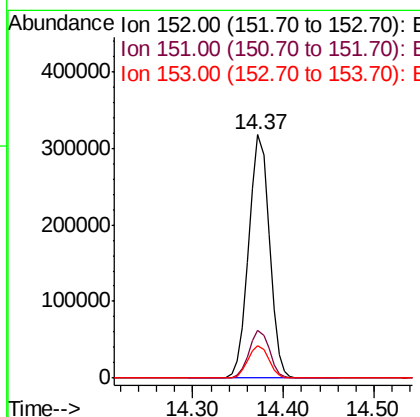
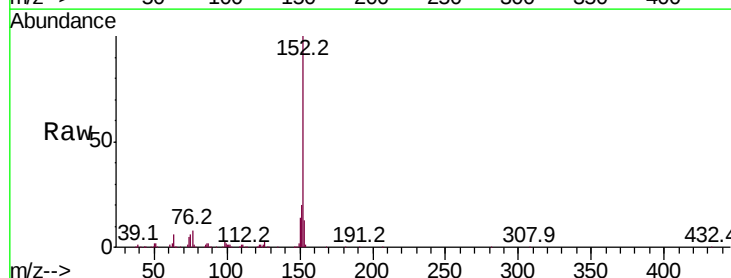
Instrument :
BNA_G
ClientSampleId :

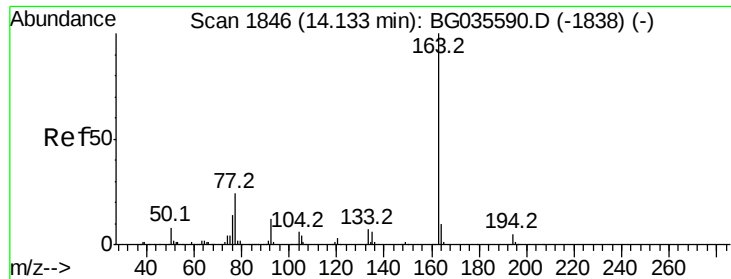
Tot Ion: 65 Resp: 101251
Ion Ratio Lower Upper
65 100
92 75.3 54.6 82.0
138 95.9 72.9 109.3



#48
Acenaphthylene
Concen: 44.479 ng
RT: 14.37 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion: 152 Resp: 502885
Ion Ratio Lower Upper
152 100
151 19.7 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 42.615 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

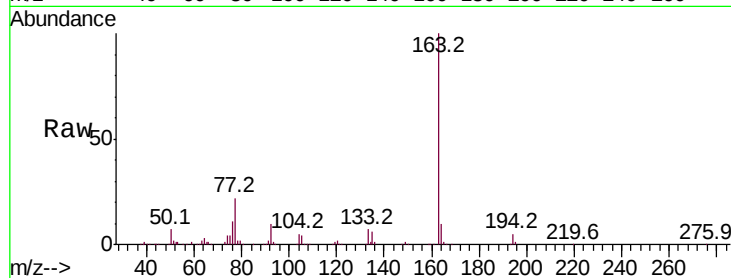
Tot Ion:163 Resp: 417877

Ion Ratio Lower Upper

163 100

194 5.4 3.4 5.2#

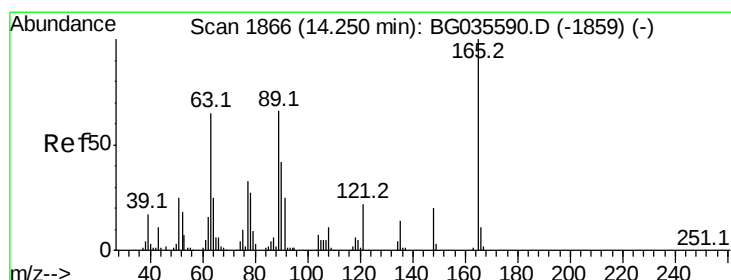
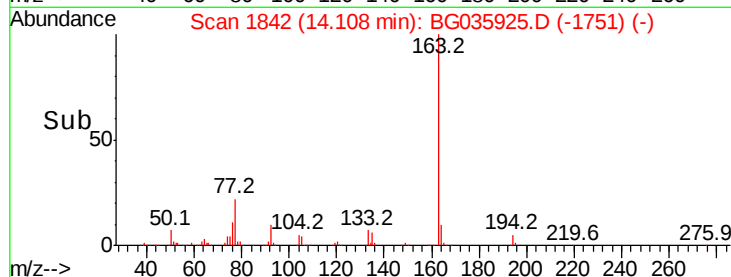
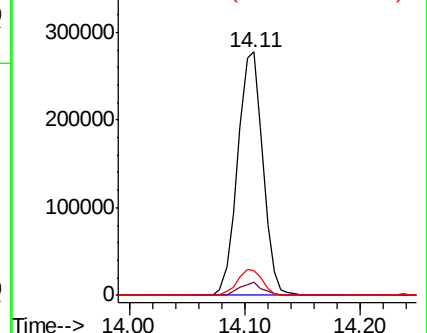
164 10.1 8.2 12.4



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: 48.417 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

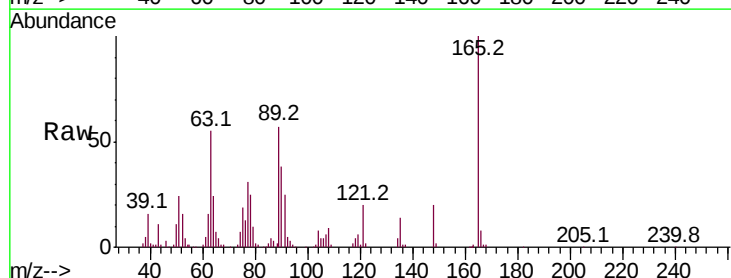
Tgt Ion:165 Resp: 96681

Ion Ratio Lower Upper

165 100

63 55.2 52.7 79.1

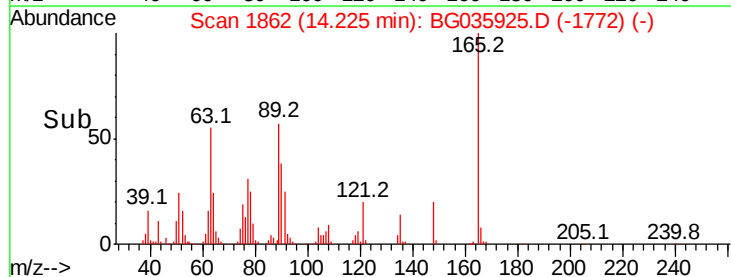
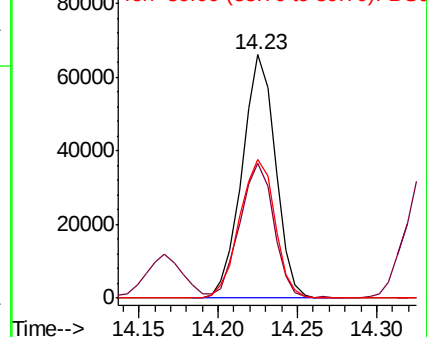
89 56.9 49.2 73.8

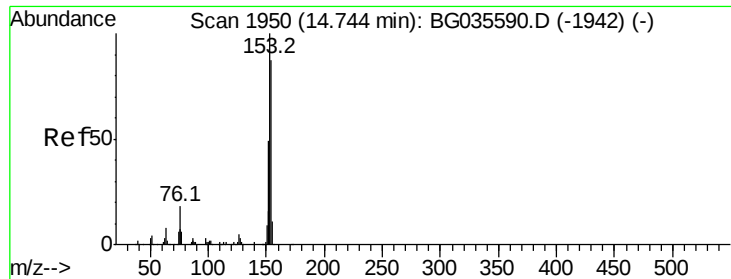


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.215 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

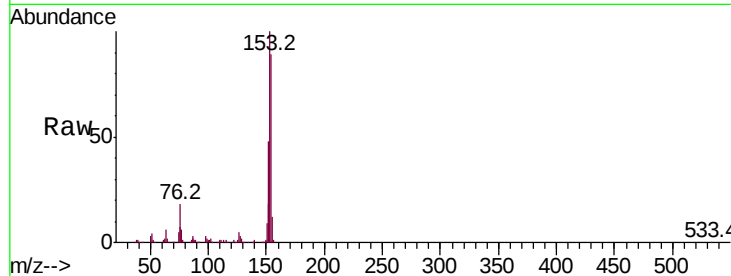
Tot Ion:154 Resp: 290276

Ion Ratio Lower Upper

154 100

153 111.8 90.4 135.6

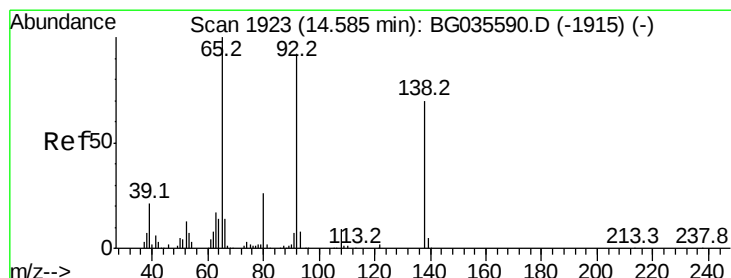
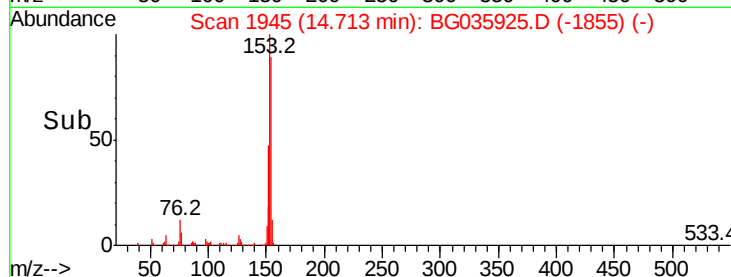
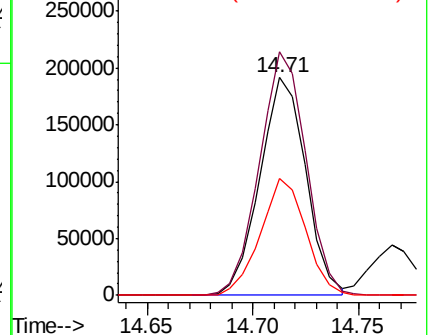
152 53.4 41.6 62.4



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: 22.680 ng

RT: 14.56 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

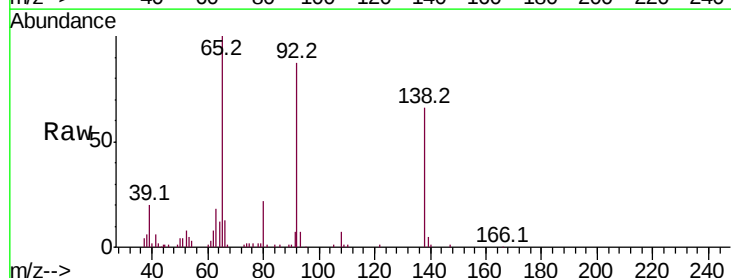
Tgt Ion:138 Resp: 46287

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

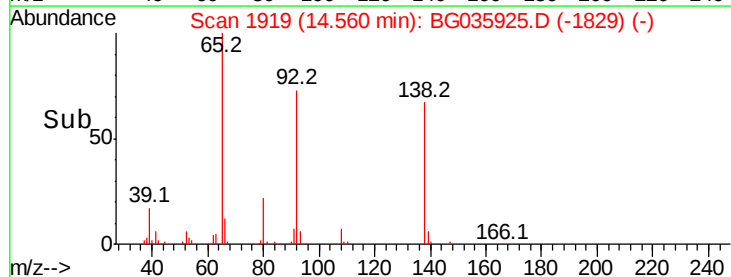
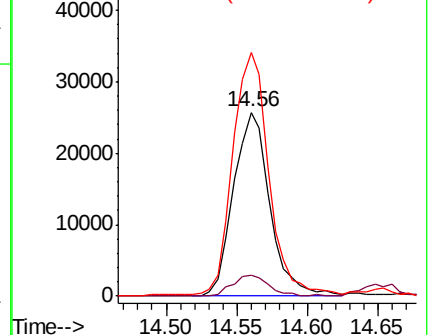
92 132.6 105.8 158.8

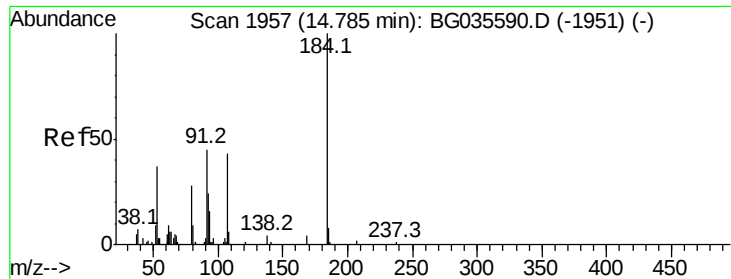


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

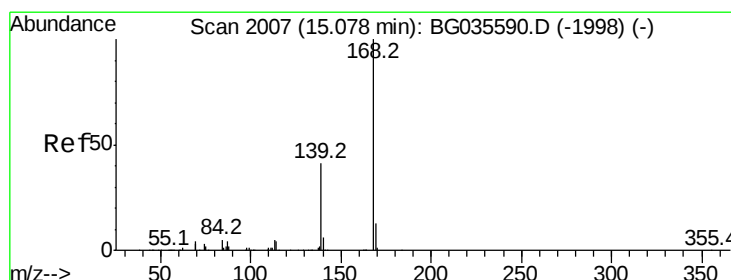
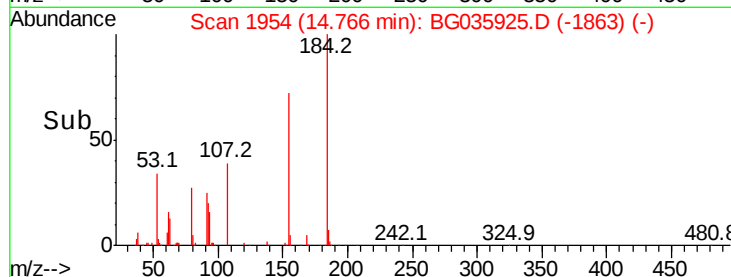
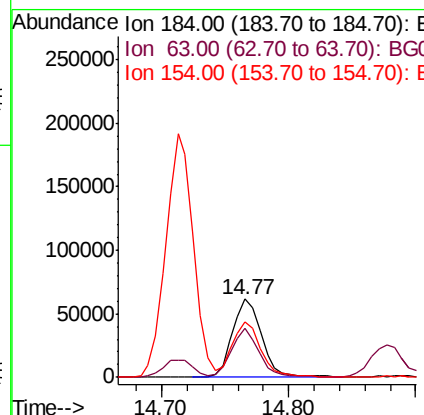
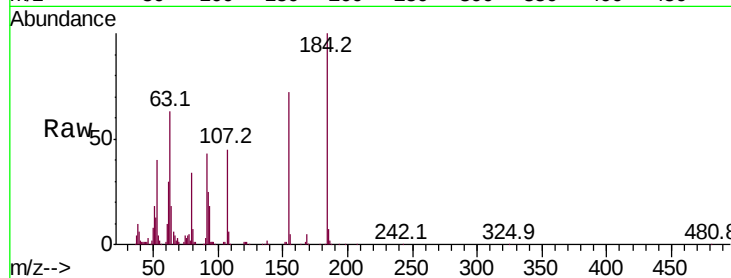




#53
 2,4-Dinitrophenol
 Concen: 94.779 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

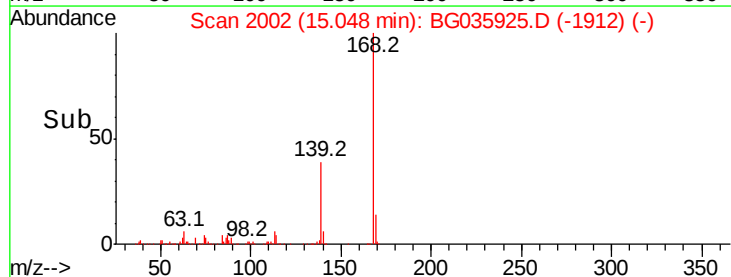
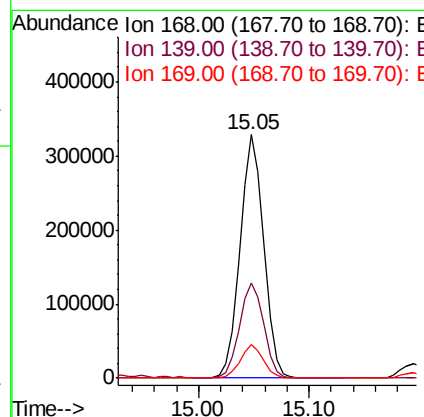
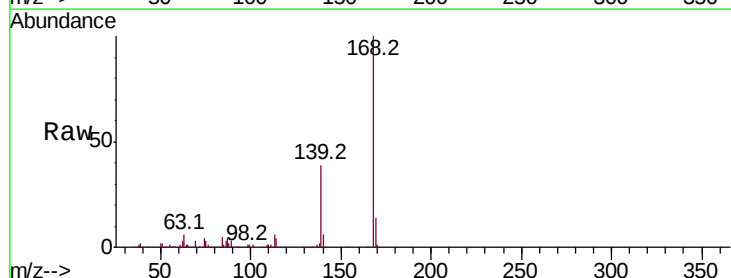
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 98684
 Ion Ratio Lower Upper
 184 100
 63 62.7 59.8 89.8
 154 71.7 101.8 152.8#



#54
 Dibenzofuran
 Concen: 44.149 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion:168 Resp: 494510
 Ion Ratio Lower Upper
 168 100
 139 39.1 28.6 43.0
 169 13.6 11.2 16.8

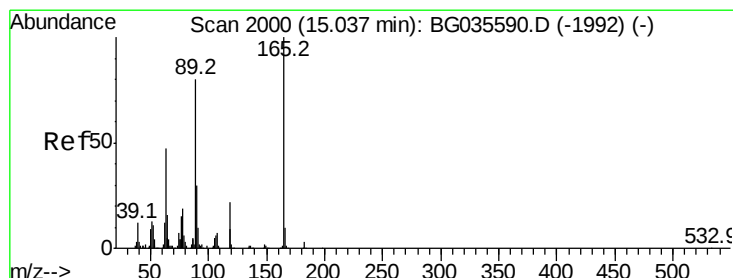
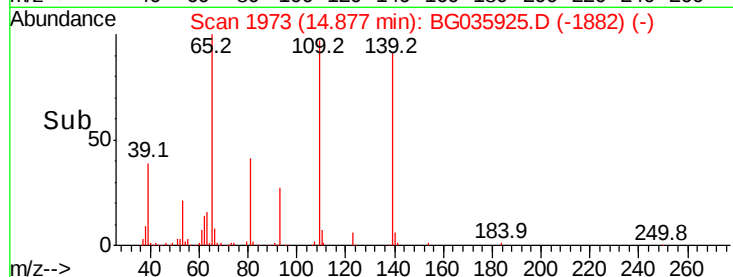
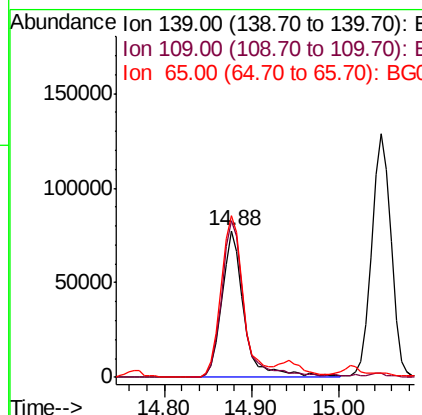
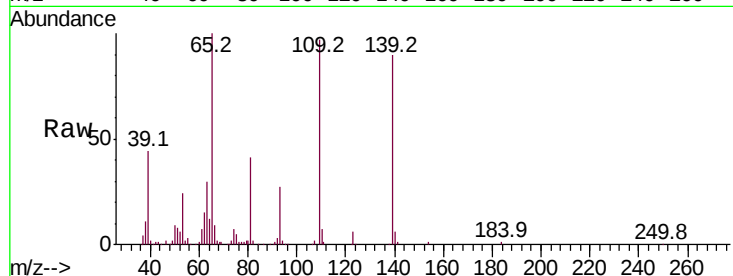




#55
4-Nitrophenol
Concen: 94.665 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

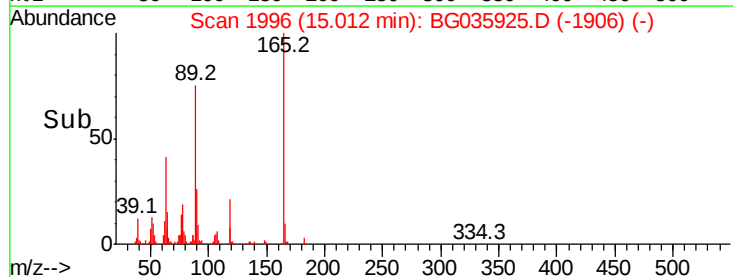
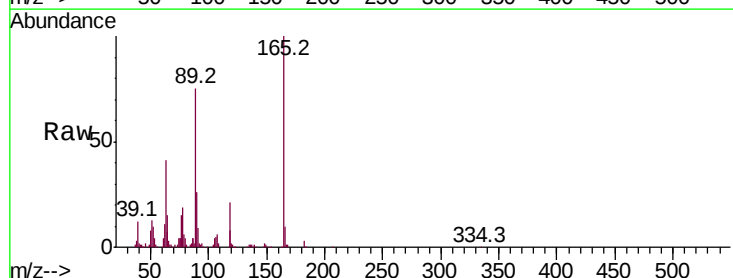
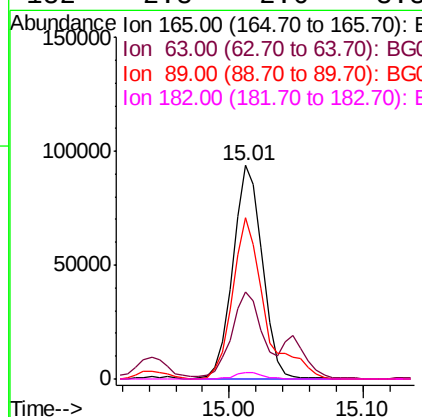
Instrument :
BNA_G
ClientSampleId :

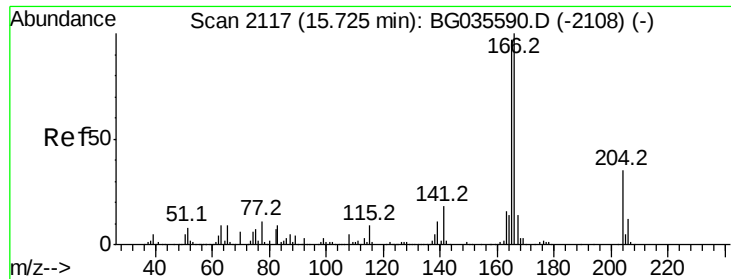
Tot Ion:139 Resp: 137592
Ion Ratio Lower Upper
139 100
109 107.2 62.2 102.2#
65 110.9 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 50.300 ng
RT: 15.01 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:165 Resp: 144095
Ion Ratio Lower Upper
165 100
63 40.9 42.0 63.0#
89 75.5 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 44.142 ng

RT: 15.70 min Scan# 2113

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

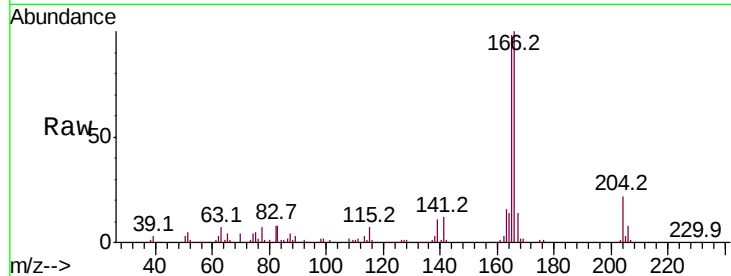
Tot Ion:166 Resp: 414406

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

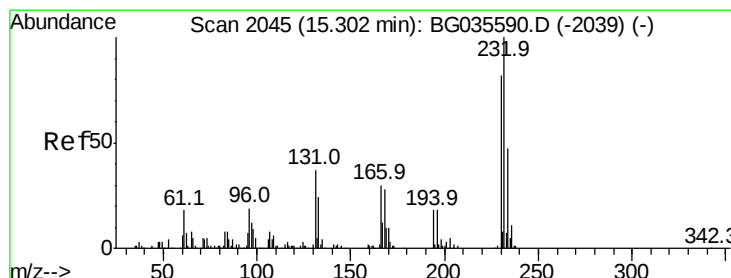
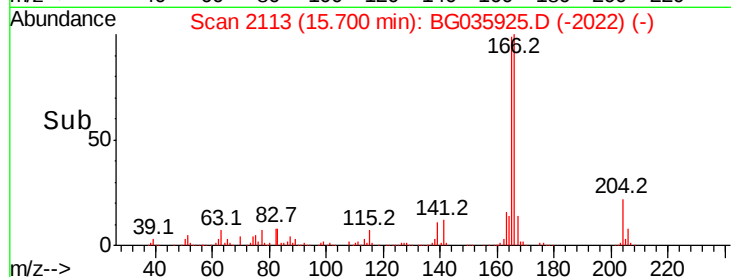
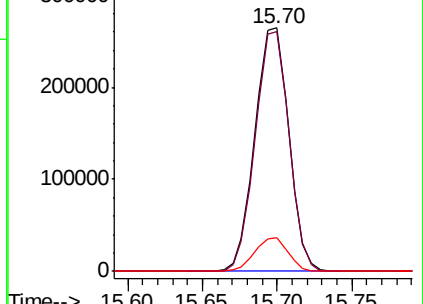
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.258 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Tgt Ion:232 Resp: 135818

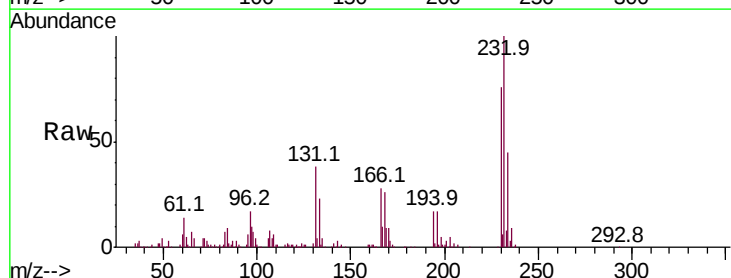
Ion Ratio Lower Upper

232 100

131 36.8 33.5 50.3

130 2.2 2.2 3.2

166 28.9 24.8 37.2

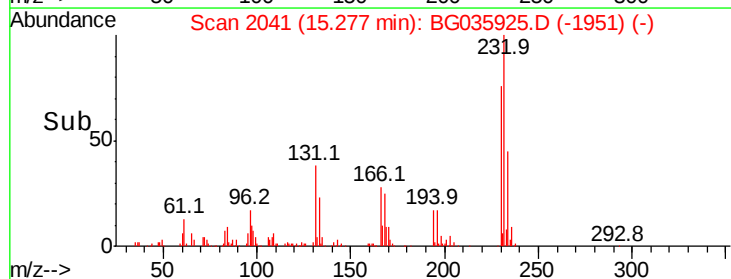
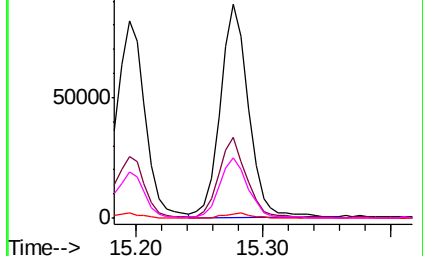


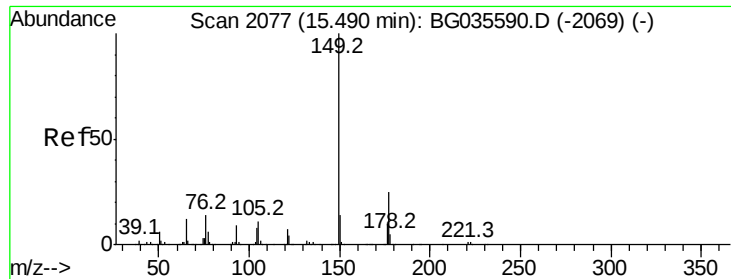
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

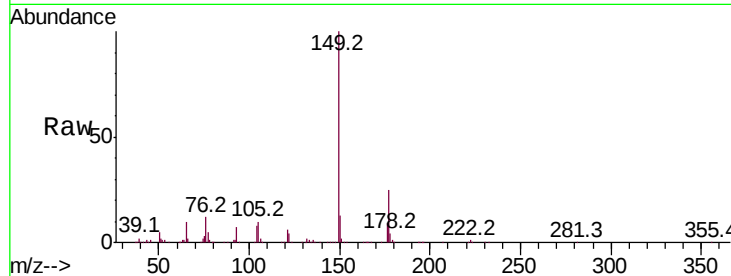




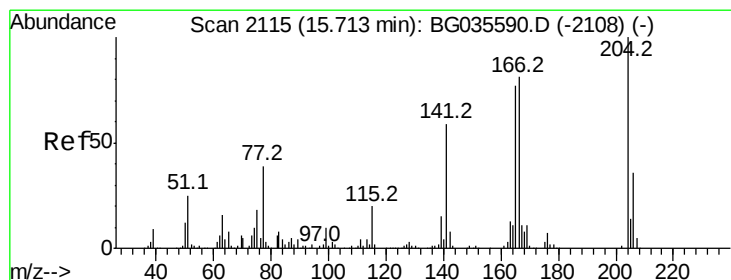
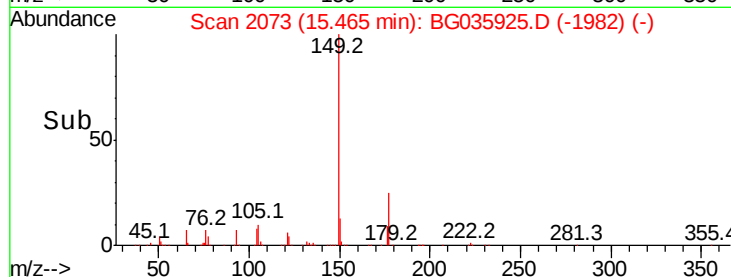
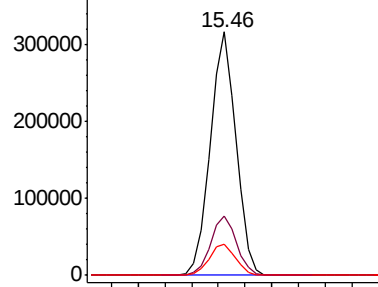
#59
Diethylphthalate
Concen: 41.682 ng
RT: 15.46 min Scan# 2073
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 420281
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 12.9 10.2 15.2

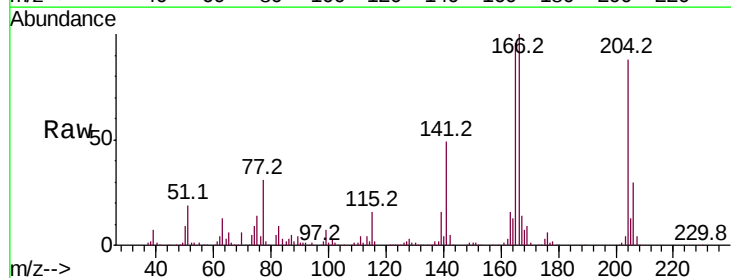


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

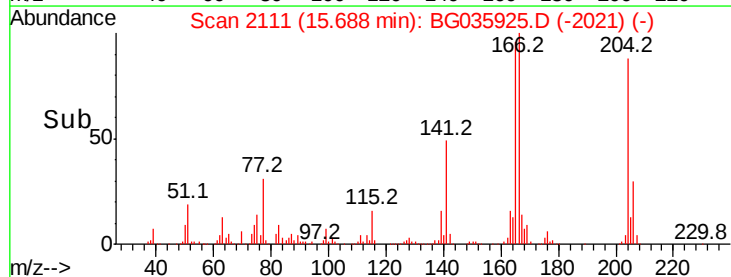
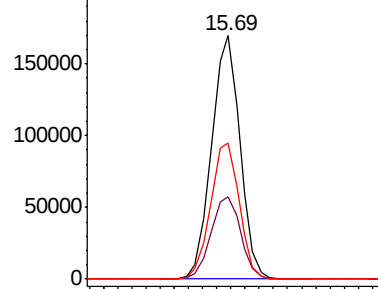


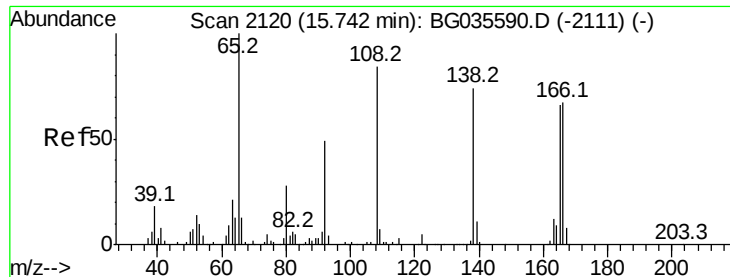
#60
4-Chlorophenyl-phenylether
Concen: 43.064 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:204 Resp: 237615
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 56.1 45.8 68.6



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

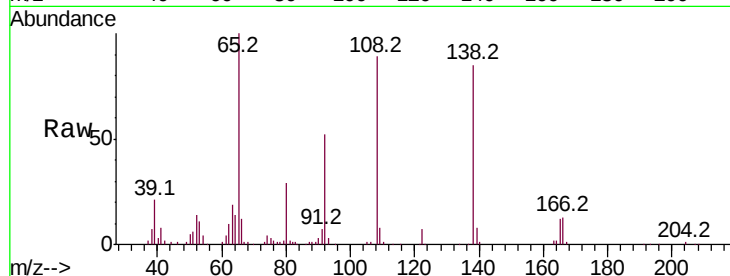




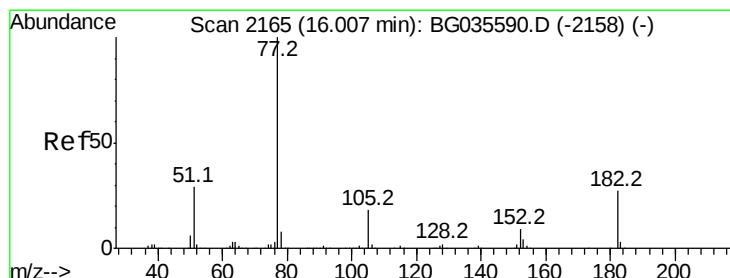
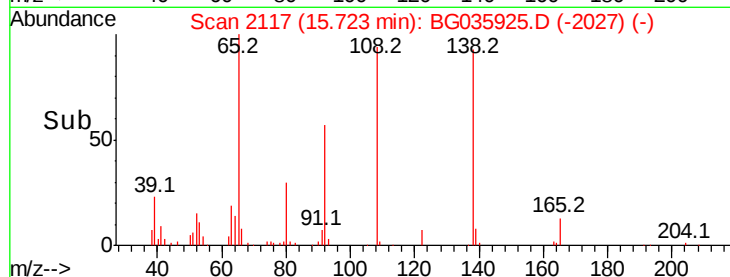
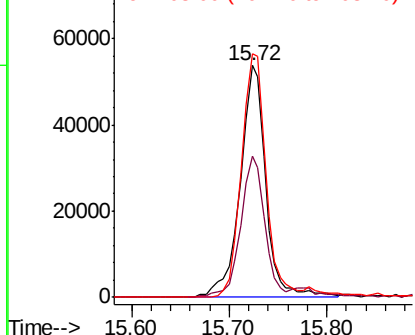
#61
4-Nitroaniline
Concen: 46.051 ng
RT: 15.72 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 98314
Ion Ratio Lower Upper
138 100
92 61.2 40.1 80.1
108 105.2 65.4 105.4

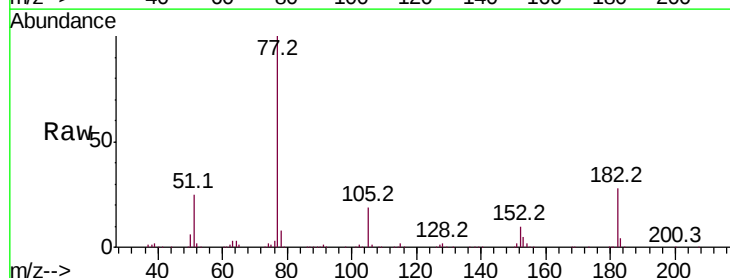


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

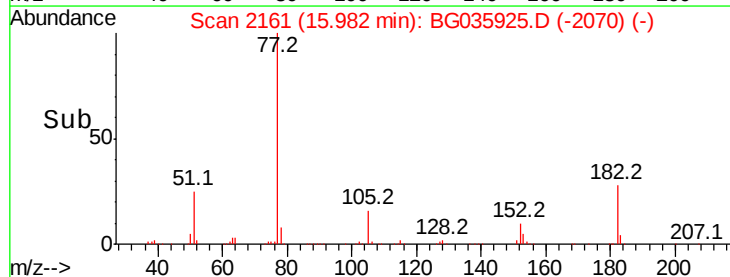
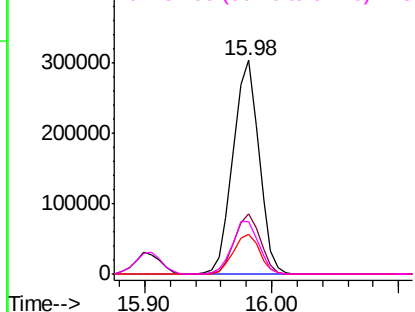


#62
Azobenzene
Concen: 42.875 ng
RT: 15.98 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion: 77 Resp: 426420
Ion Ratio Lower Upper
77 100
182 28.1 7.4 47.4
105 18.5 0.3 40.3
51 24.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG

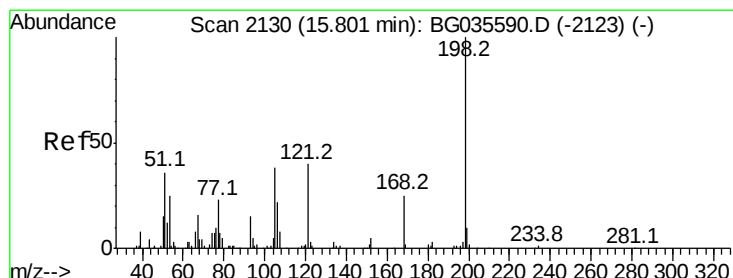
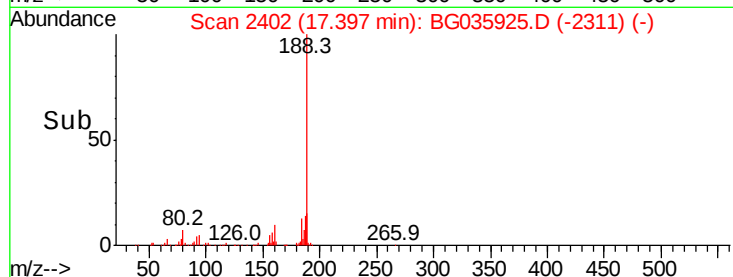
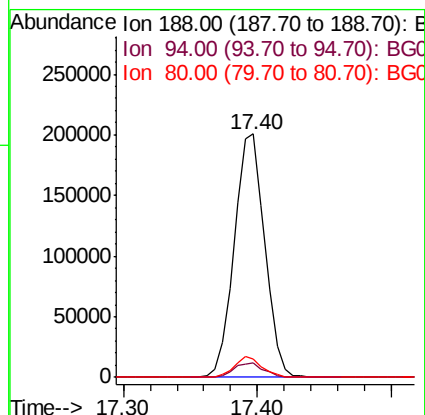
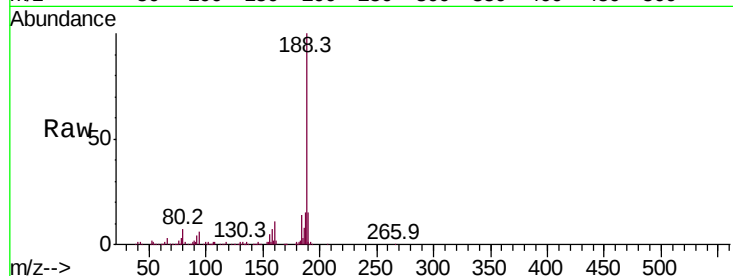




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

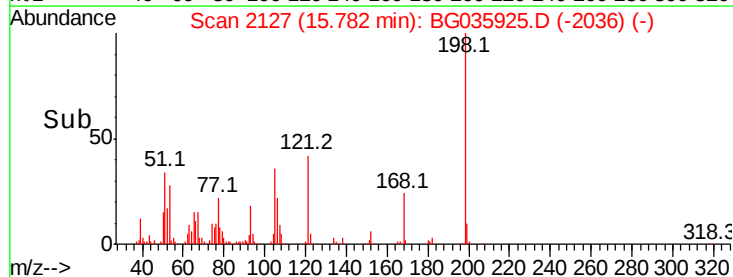
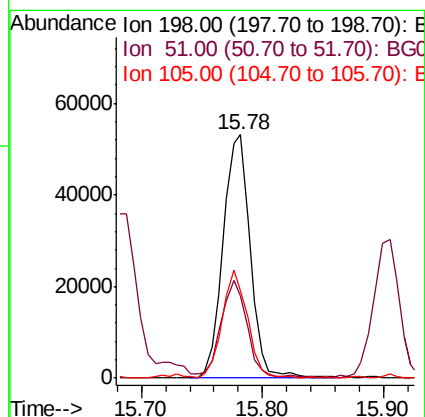
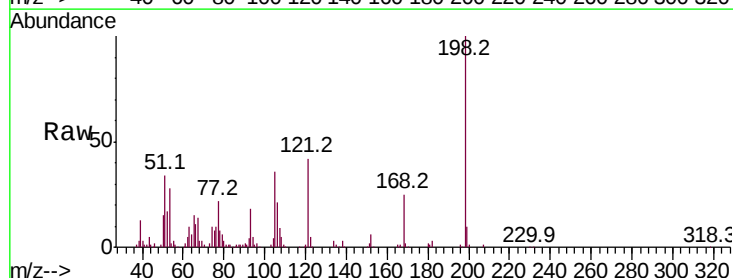
Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 317699
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.650 ng
RT: 15.78 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:198 Resp: 82501
Ion Ratio Lower Upper
198 100
51 33.8 30.6 70.6
105 35.7 23.8 63.8

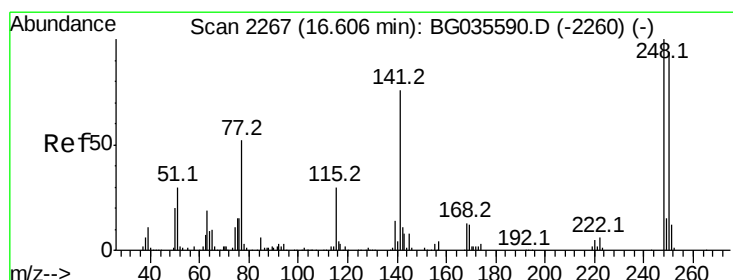
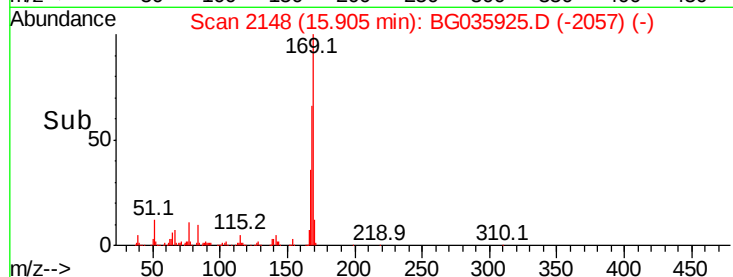
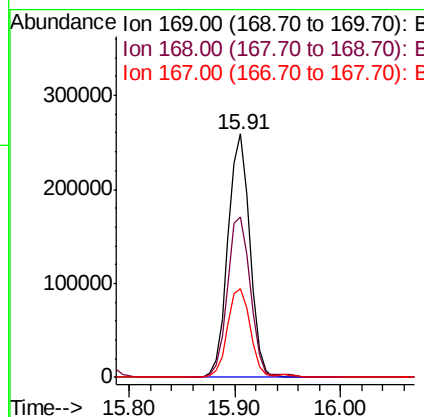
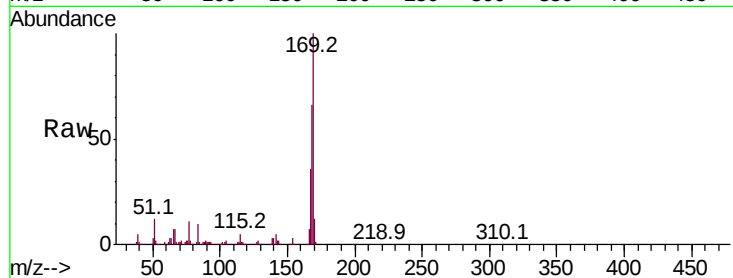




#65
n-Nitrosodiphenylamine
Concen: 40.844 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

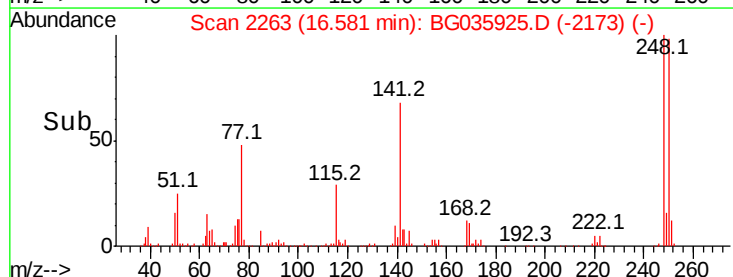
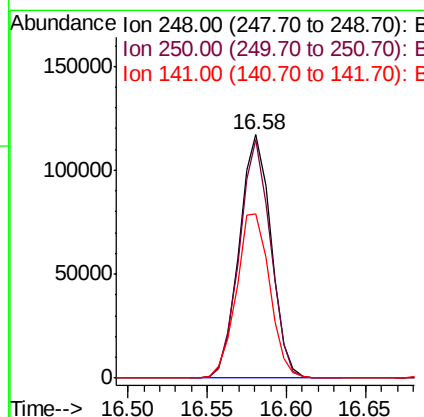
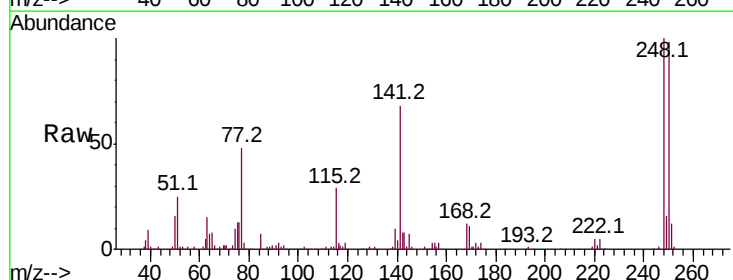
Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 369351
Ion Ratio Lower Upper
169 100
168 66.1 55.7 83.5
167 36.4 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 44.219 ng
RT: 16.58 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion:248 Resp: 162984
Ion Ratio Lower Upper
248 100
250 97.9 77.1 115.7
141 67.6 50.8 76.2

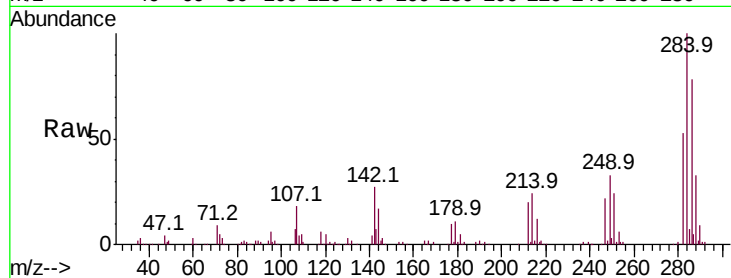




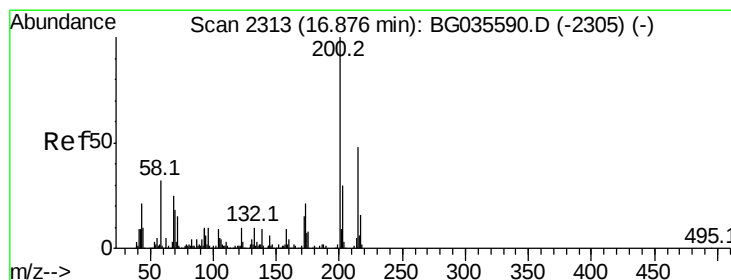
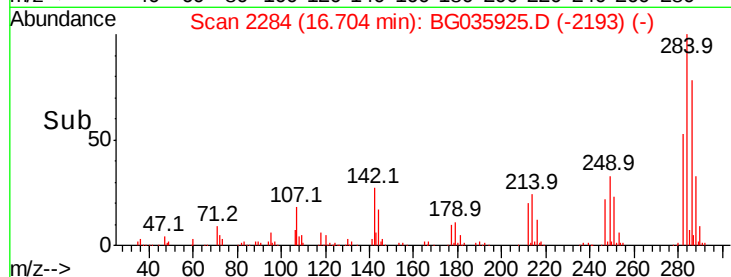
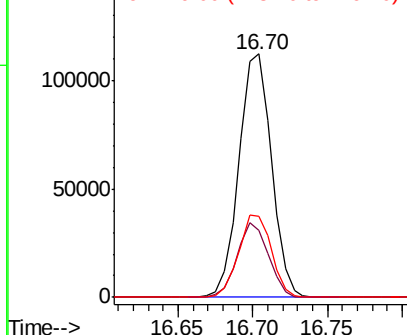
#67
Hexachlorobenzene
Concen: 44.738 ng
RT: 16.70 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.4	26.8	40.2
249	33.5	26.3	39.5

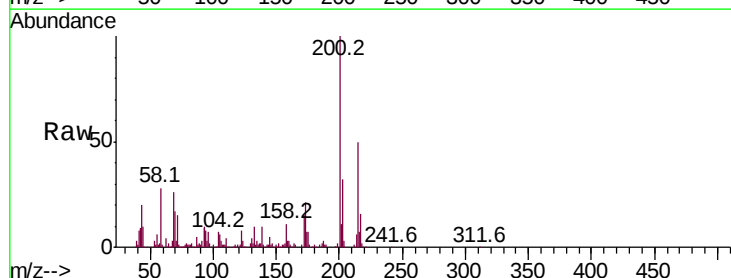


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

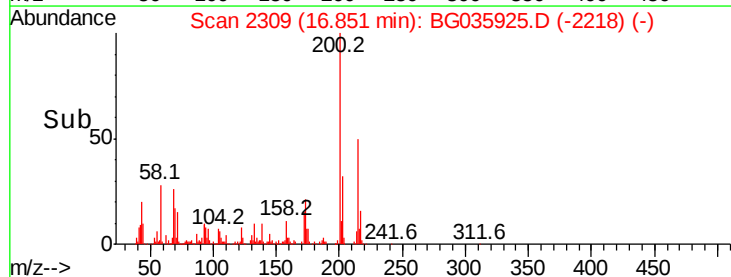
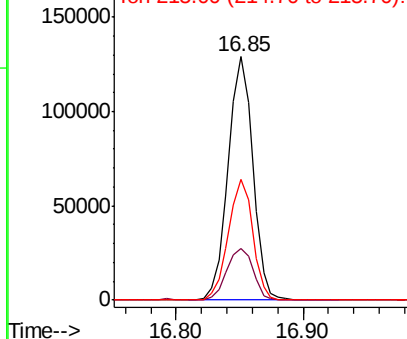


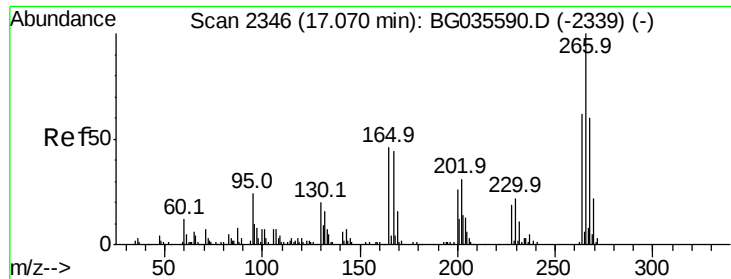
#68
Atrazine
Concen: 46.586 ng
RT: 16.85 min Scan# 2309
Delta R.T. 0.00 min
Lab File: BG035925.D
Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.1	5.2	45.2
215	49.8	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

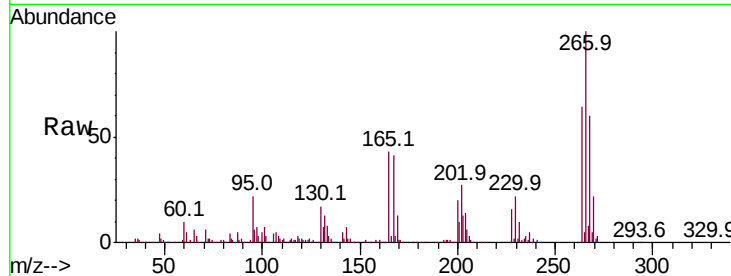




#69
 Pentachlorophenol
 Concen: 75.807 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. 0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	59.6	51.1	76.7
264	63.8	49.6	74.4

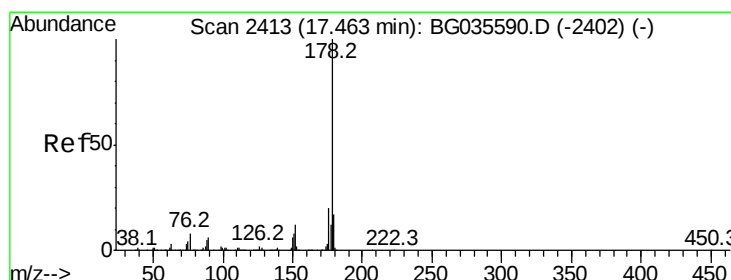
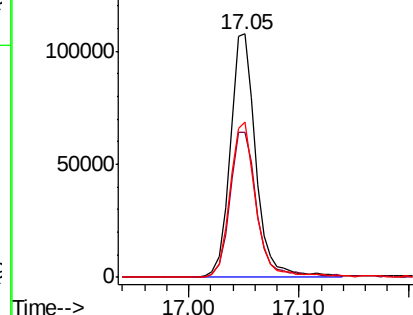
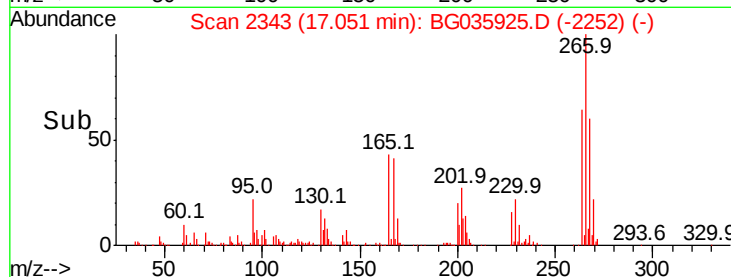


Abundance

Ion 265.70 (265.40 to 266.40): E

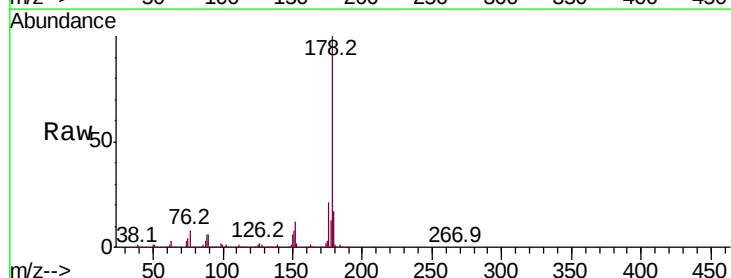
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 43.787 ng
 RT: 17.44 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	17.5	12.5	18.7

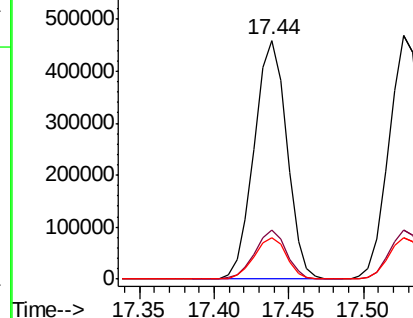
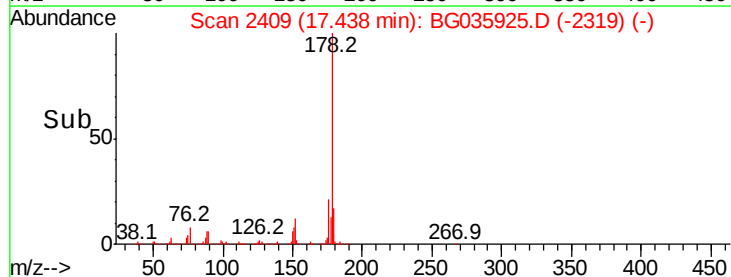


Abundance

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

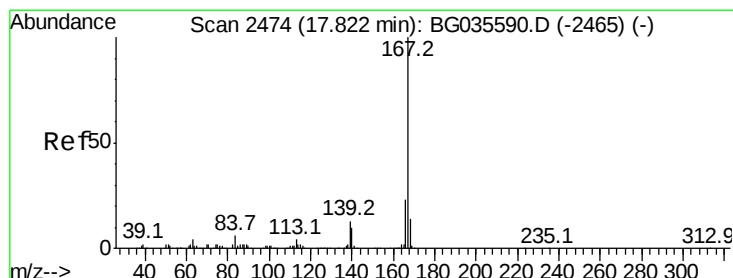
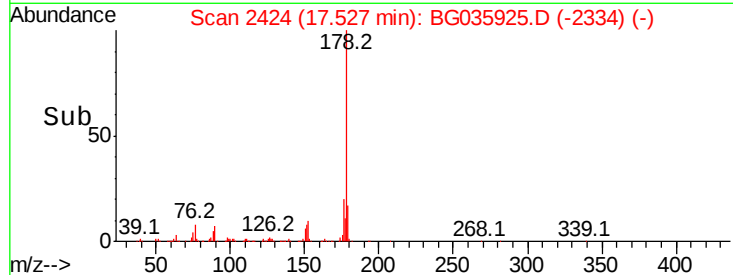
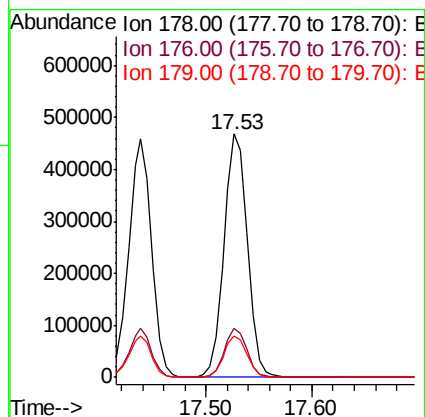
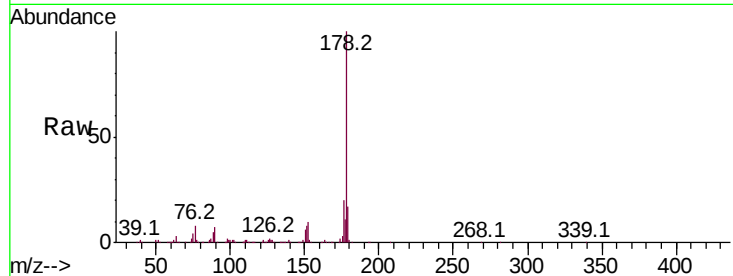




#71
 Anthracene
 Concen: 45.277 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

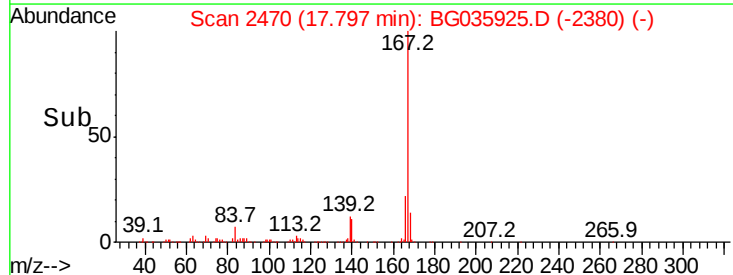
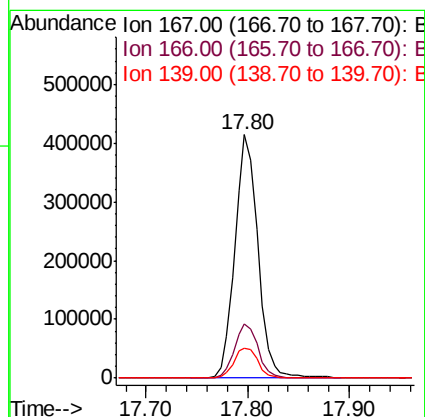
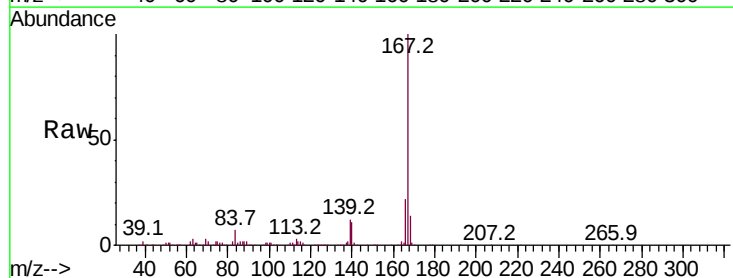
Instrument :
 BNA_G
 ClientSampleId :

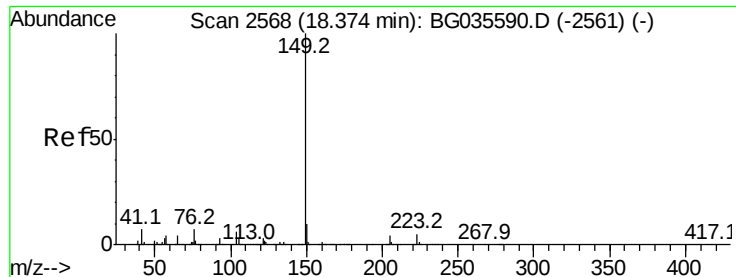
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.0	24.0
179	17.2	12.5	18.7



#72
 Carbazole
 Concen: 43.593 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.2	27.4
139	12.5	9.4	14.2





#73

Di-n-butylphthalate

Concen: 43.145 ng

RT: 18.35 min Scan# 2564

Delta R.T. -0.00 min

Lab File: BG035925.D

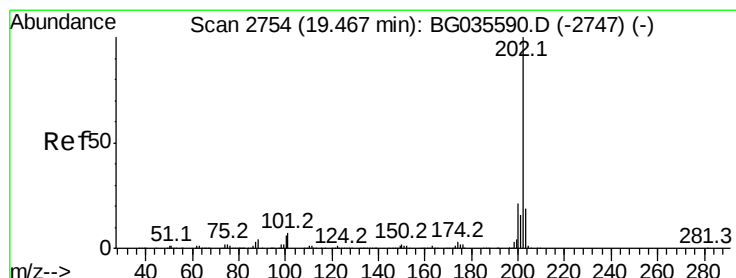
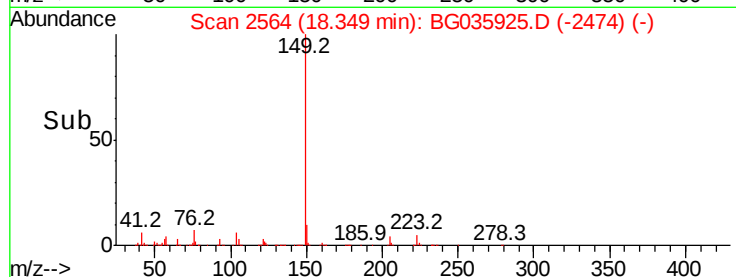
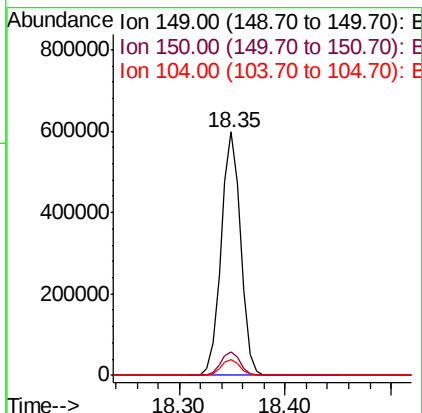
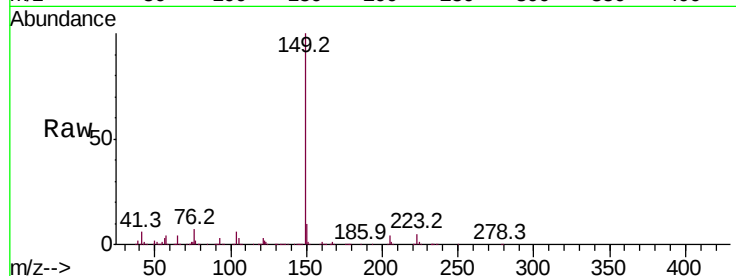
Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	764311
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.8	11.6
104	6.4	3.9	5.9#



#74

Fluoranthene

Concen: 43.972 ng

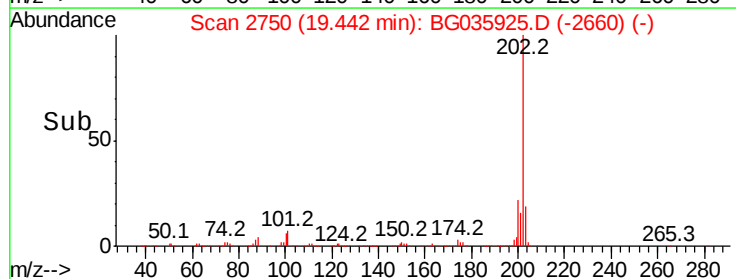
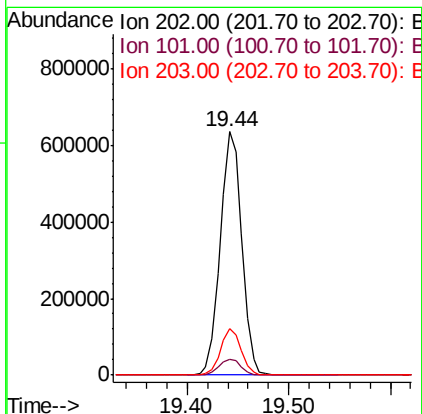
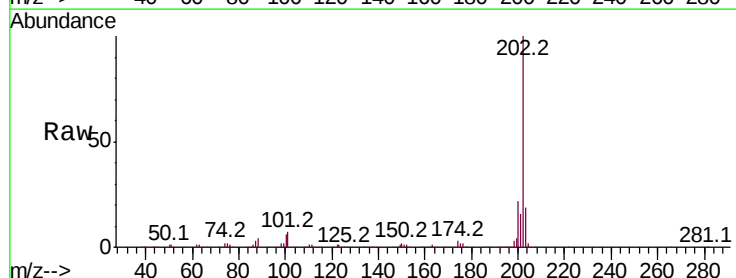
RT: 19.44 min Scan# 2750

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Tgt Ion:	202	Resp:	938942
Ion Ratio	Lower	Upper	
202	100		
101	6.7	0.0	28.9
203	18.9	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

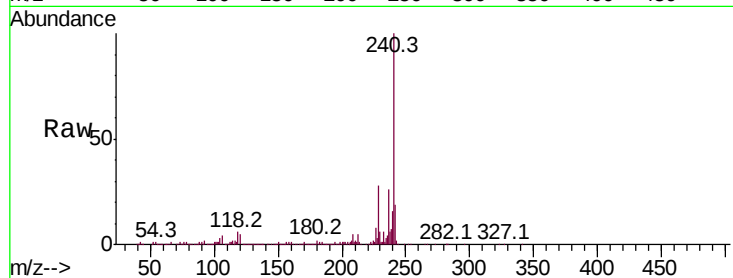
Tot Ion:240 Resp: 345817

Ion Ratio Lower Upper

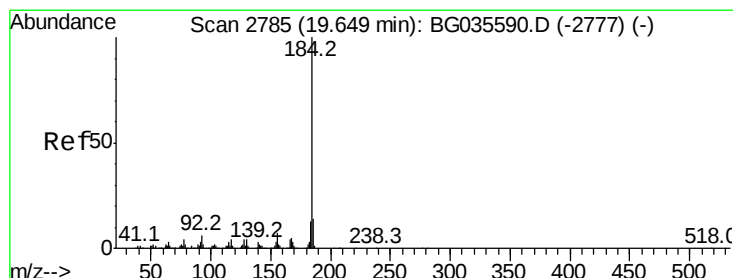
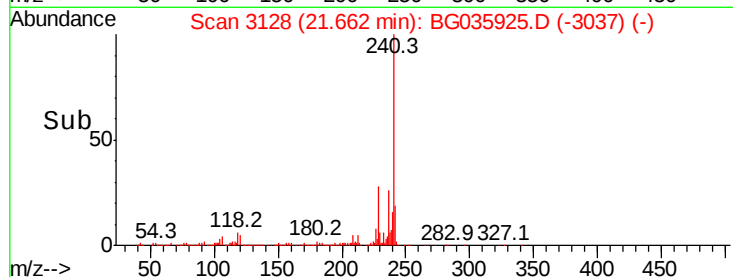
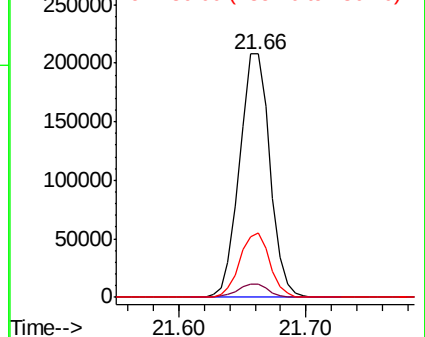
240 100

120 5.3 6.8 10.2#

236 26.3 20.9 31.3



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: 43.990 ng

RT: 19.62 min Scan# 2781

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

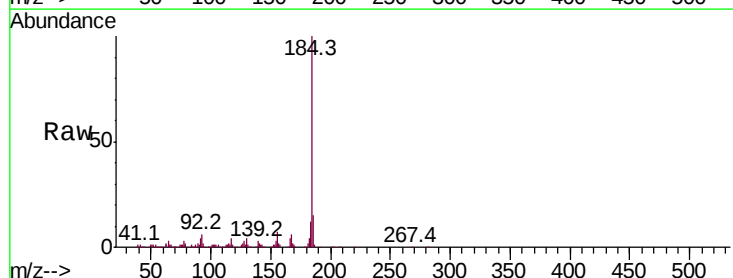
Tgt Ion:184 Resp: 399936

Ion Ratio Lower Upper

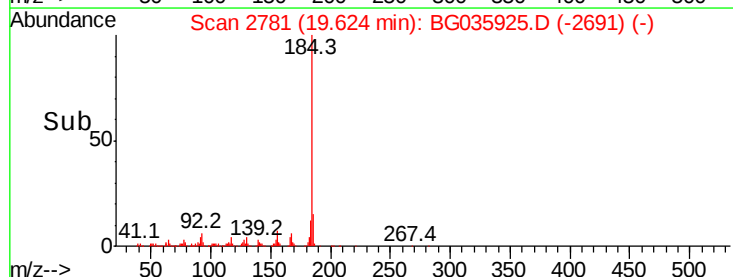
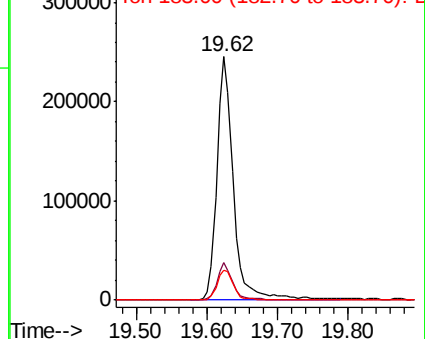
184 100

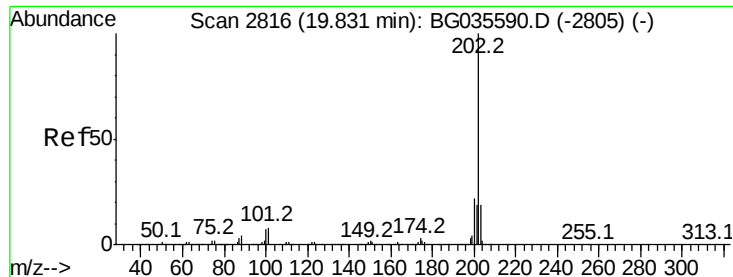
185 15.5 11.1 16.7

183 12.4 10.6 16.0



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

Pvrene

Concen: 42.514 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

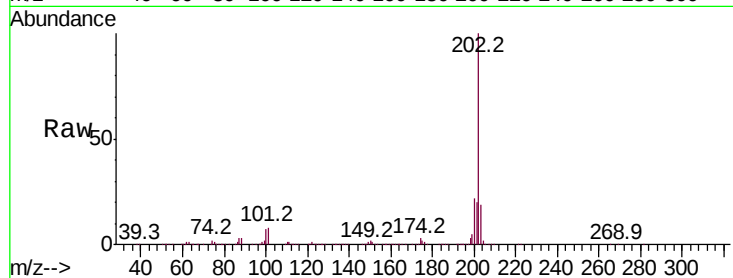
Tot Ion:202 Resp: 929620

Ion Ratio Lower Upper

202 100

200 21.8 16.9 25.3

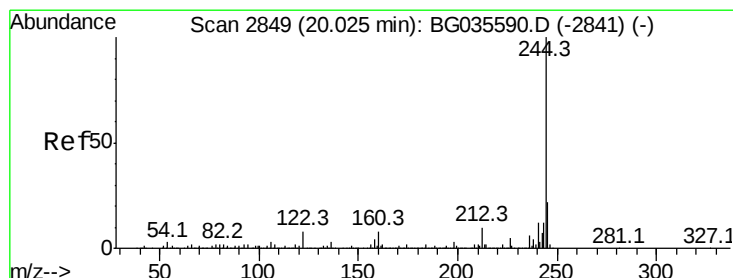
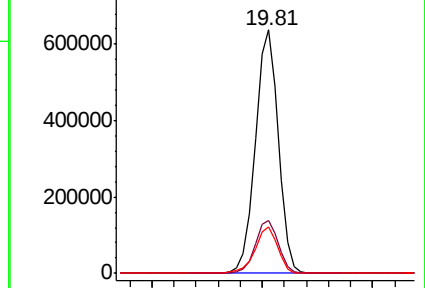
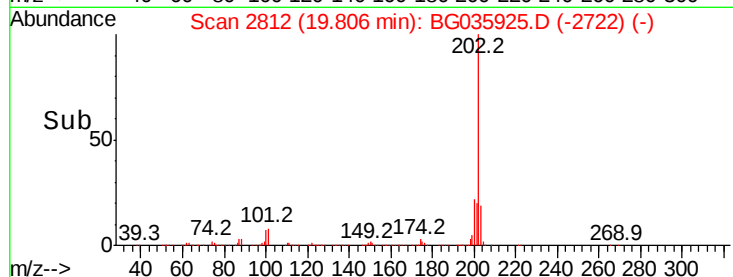
203 19.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.783 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

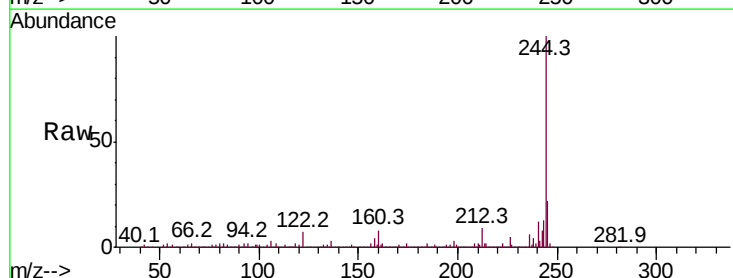
Tgt Ion:244 Resp: 1439920

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

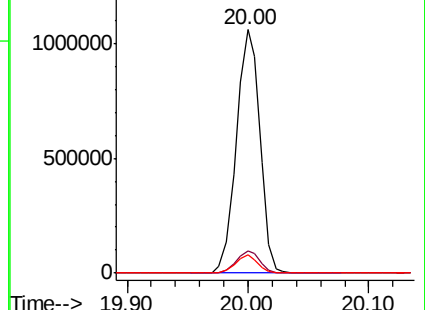
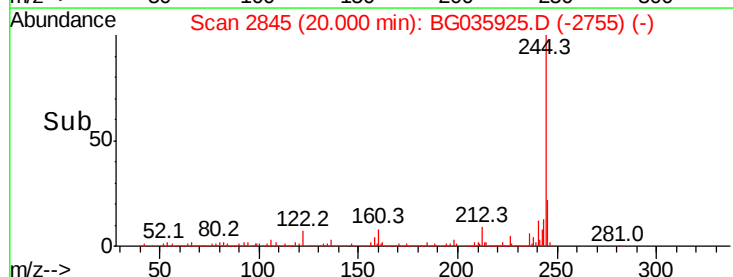
122 7.4 7.0 10.4

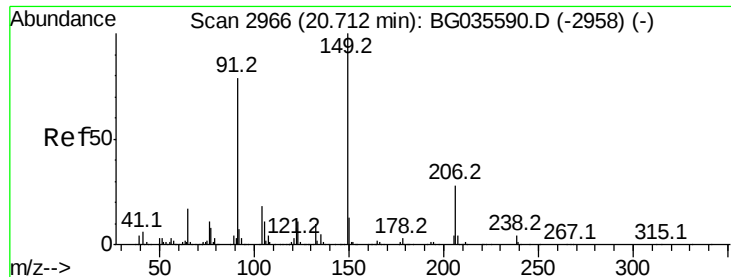


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.253 ng

RT: 20.69 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

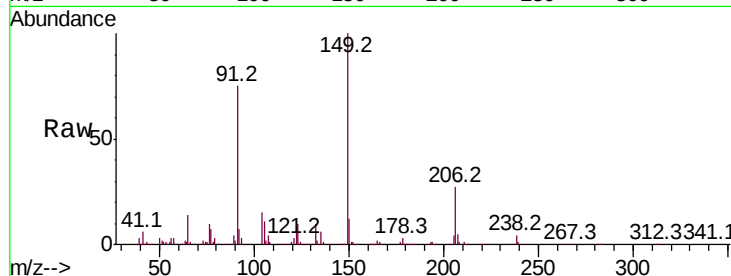
Tot Ion:149 Resp: 353857

Ion Ratio Lower Upper

149 100

91 74.6 62.2 93.2

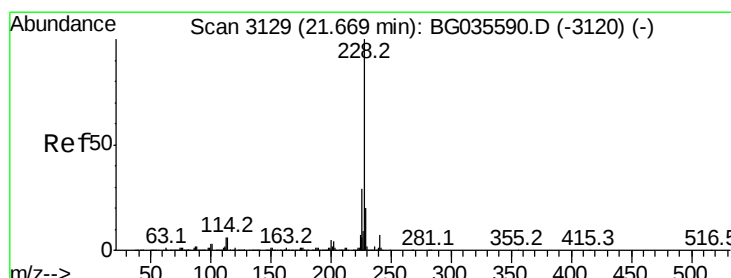
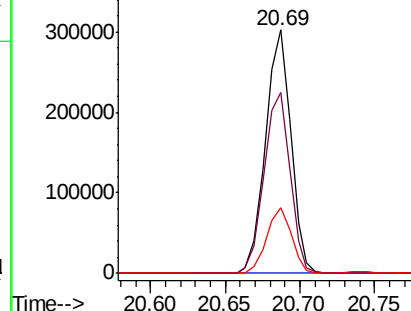
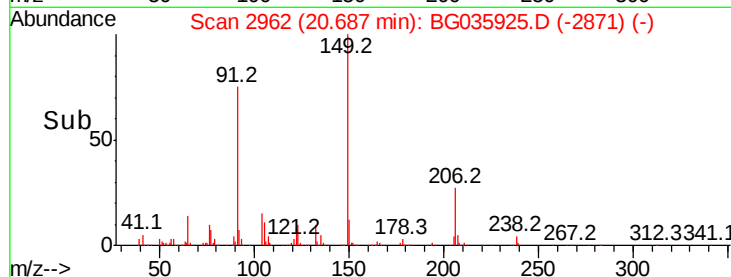
206 26.8 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.023 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

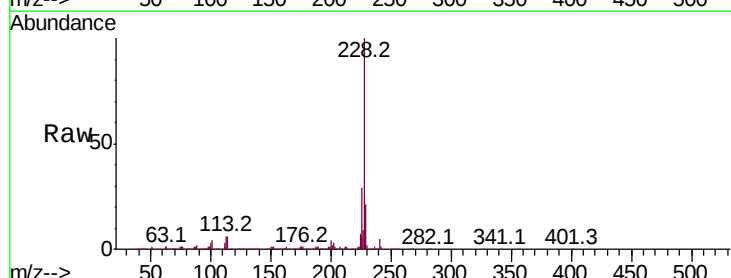
Tgt Ion:228 Resp: 948719

Ion Ratio Lower Upper

228 100

226 29.2 22.7 34.1

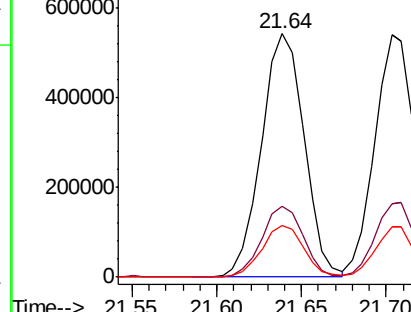
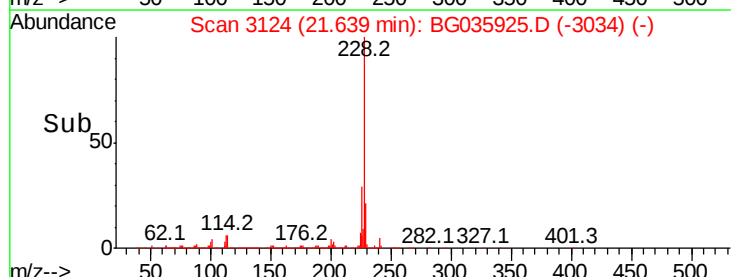
229 21.4 16.2 24.2

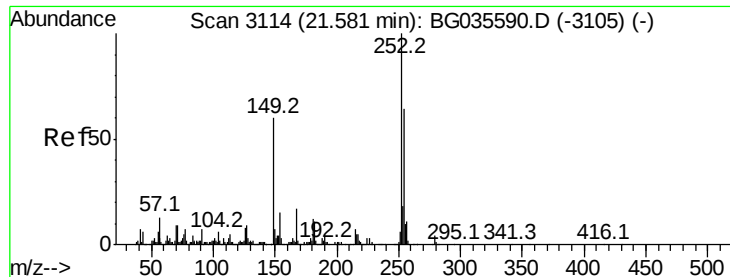


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

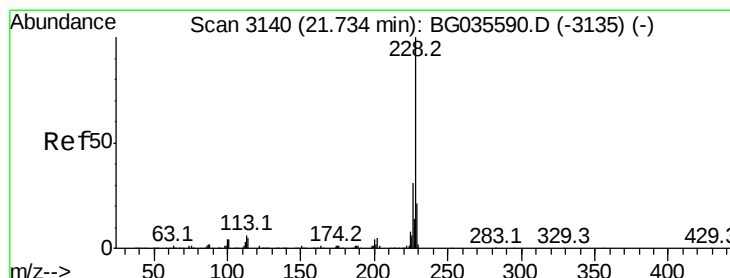
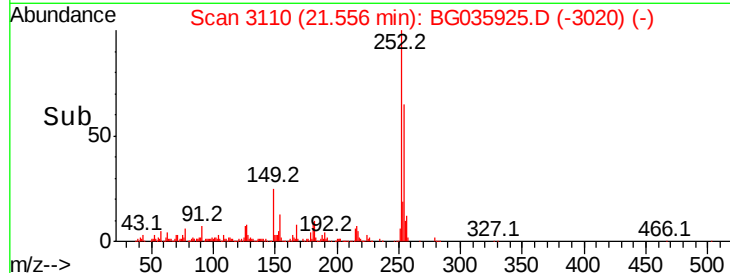
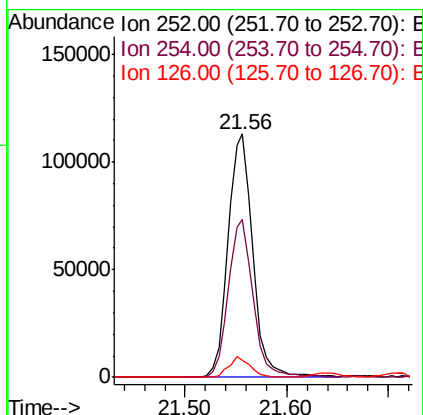
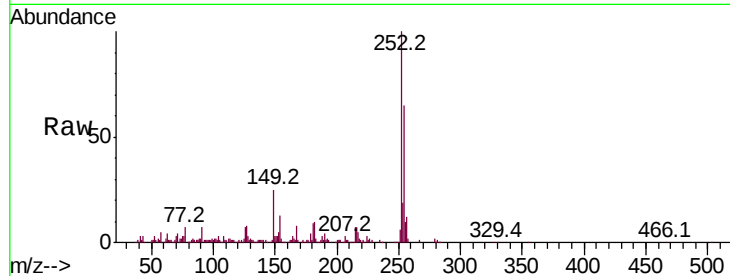




#81
 3,3'-Dichlorobenzidine
 Concen: 25.486 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

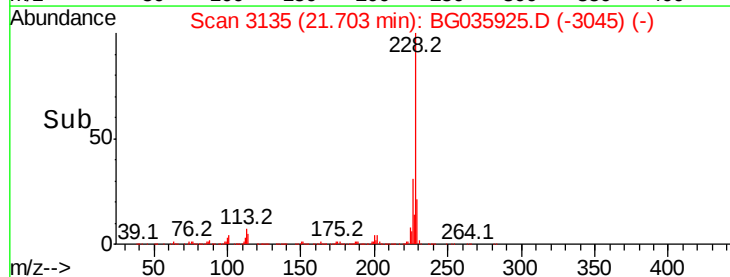
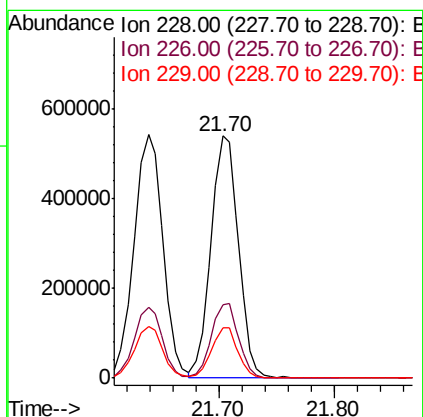
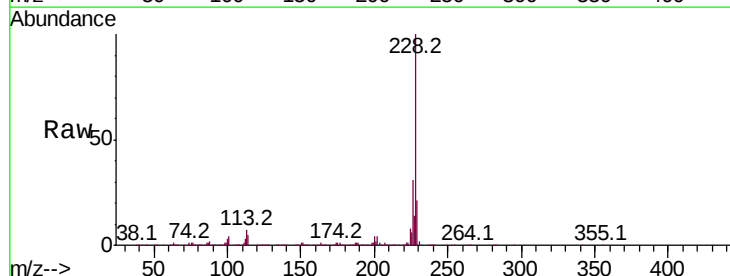
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 191506
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 6.9 7.4 11.2#



#82
 Chrysene
 Concen: 44.399 ng
 RT: 21.70 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion:228 Resp: 886649
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.9 37.3
 229 20.7 15.0 22.4

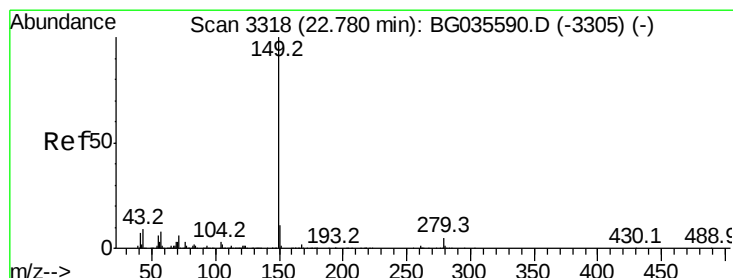
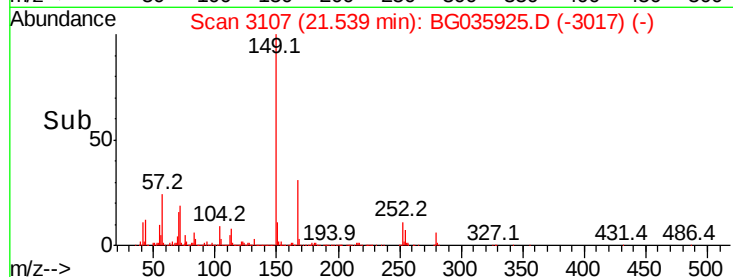
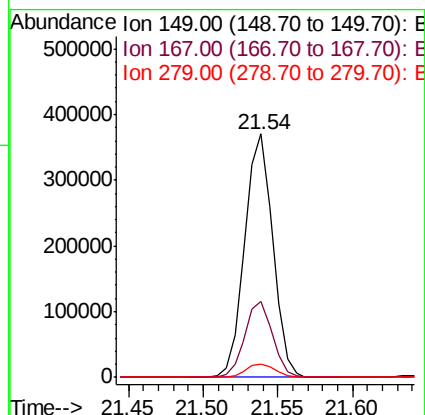
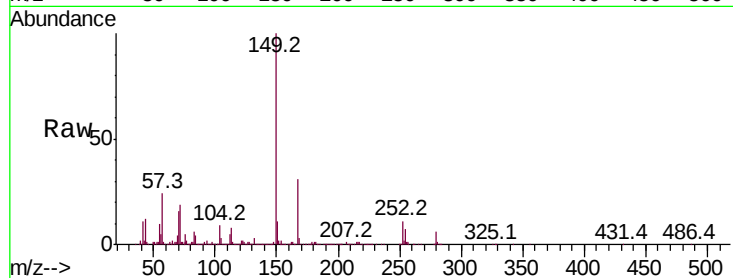




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.294 ng
 RT: 21.54 min Scan# 3107
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

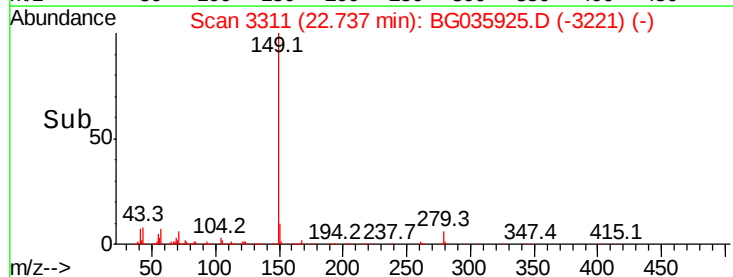
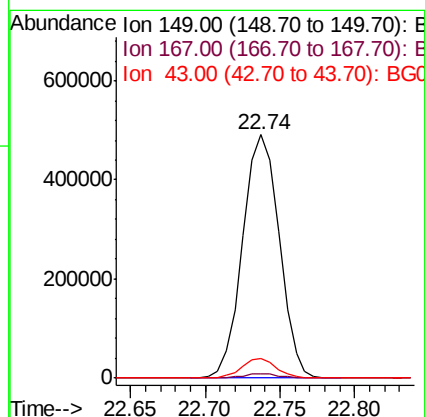
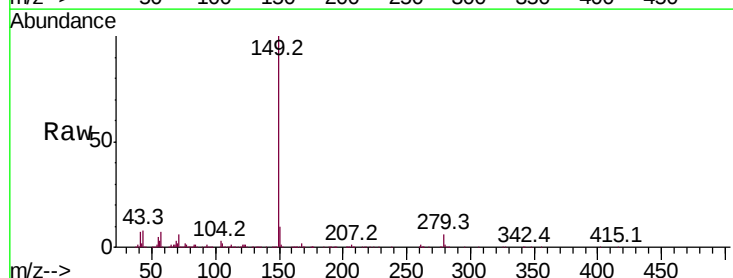
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.3	36.5
279	5.7	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 47.033 ng
 RT: 22.74 min Scan# 3311
 Delta R.T. -0.00 min
 Lab File: BG035925.D
 Acq: 27 Jul 2018 1:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	7.5	8.9	13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.254 ng

RT: 28.49 min Scan# 4291

Delta R.T. -0.01 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

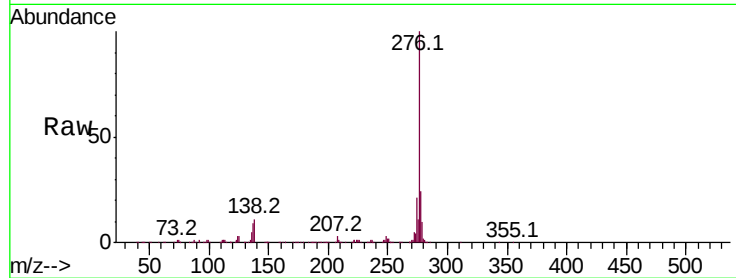
Tot Ion:276 Resp: 1022665

Ion Ratio Lower Upper

276 100

138 8.6 16.0 24.0#

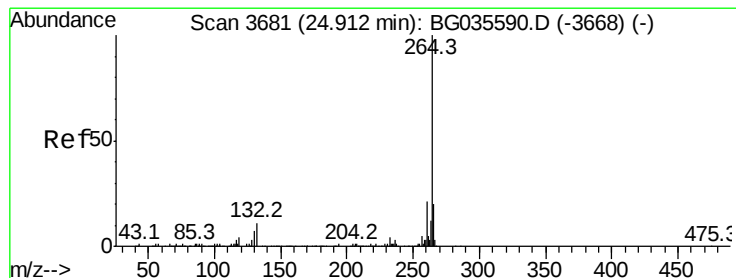
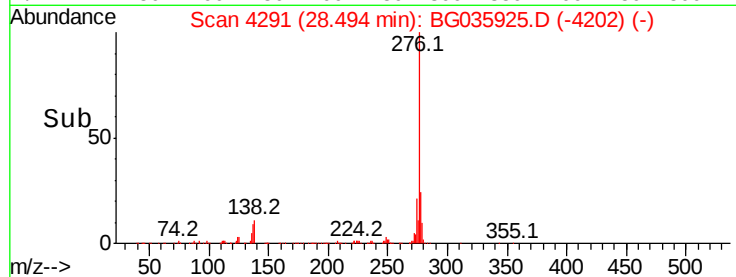
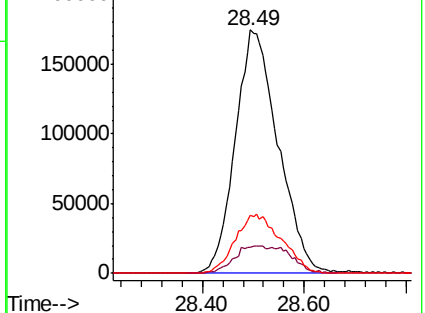
277 26.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

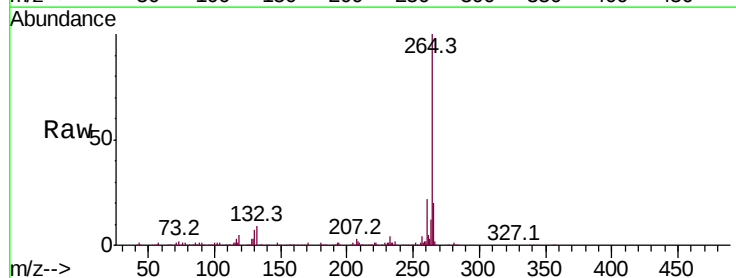
Tgt Ion:264 Resp: 333858

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

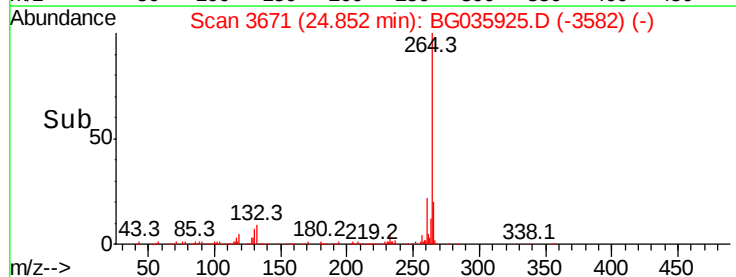
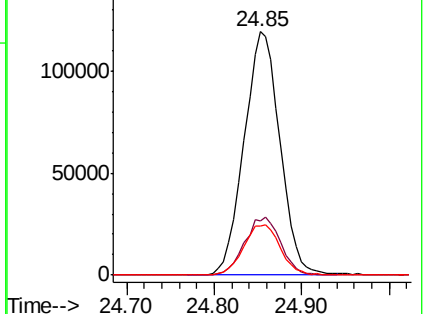
265 20.4 17.7 26.5

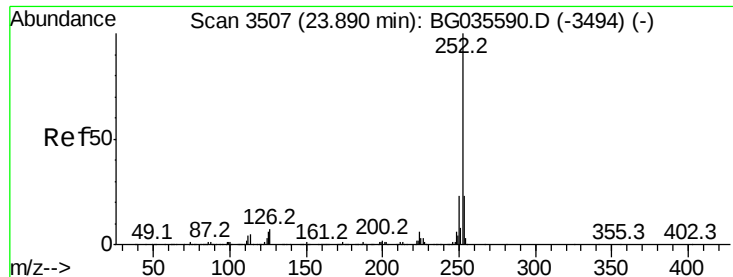


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.075 ng

RT: 23.84 min Scan# 3499

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

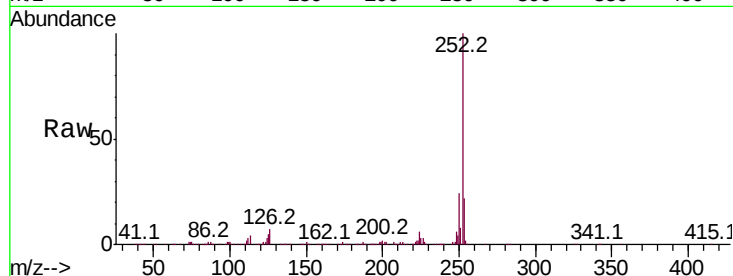
Tot Ion:252 Resp: 914660

Ion Ratio Lower Upper

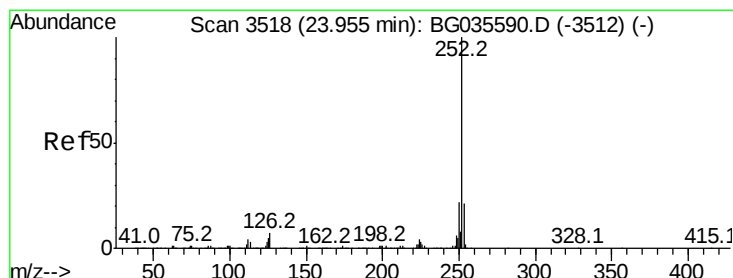
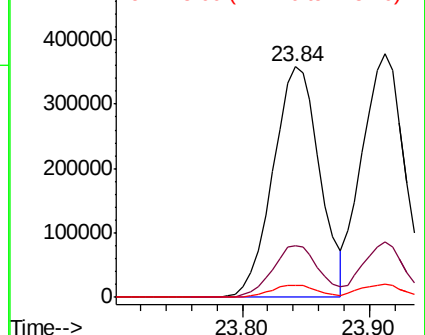
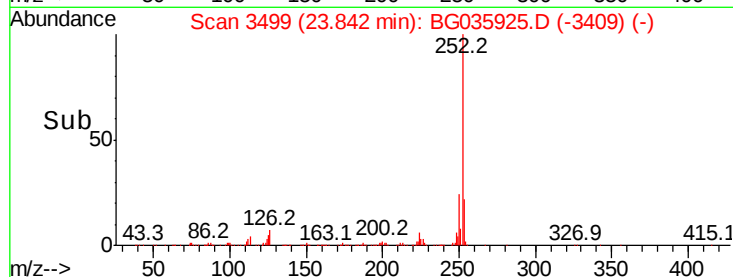
252 100

253 22.2 18.2 27.4

125 5.4 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 44.019 ng

RT: 23.91 min Scan# 3511

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

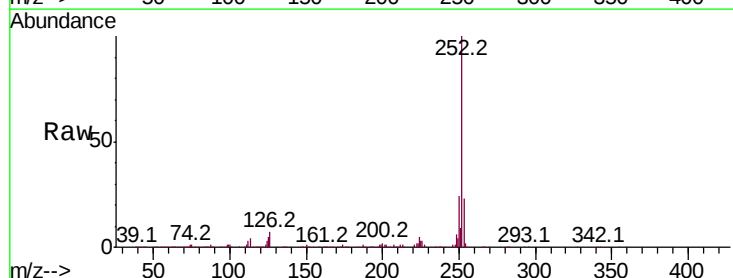
Tgt Ion:252 Resp: 873251

Ion Ratio Lower Upper

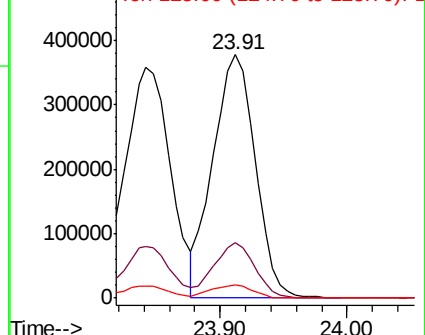
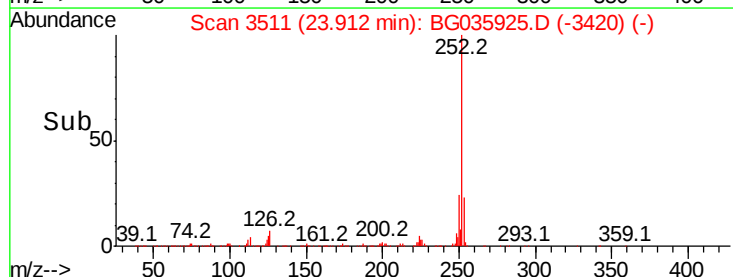
252 100

253 23.0 17.4 26.2

125 5.3 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 46.394 ng

RT: 24.71 min Scan# 3647

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

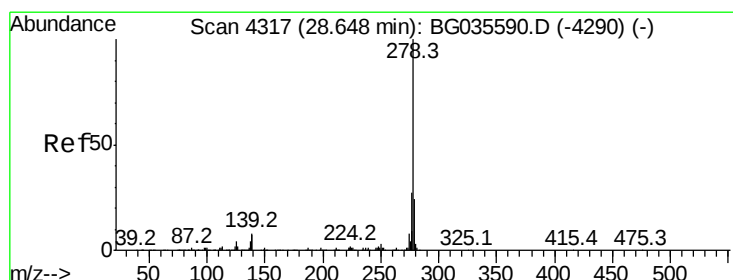
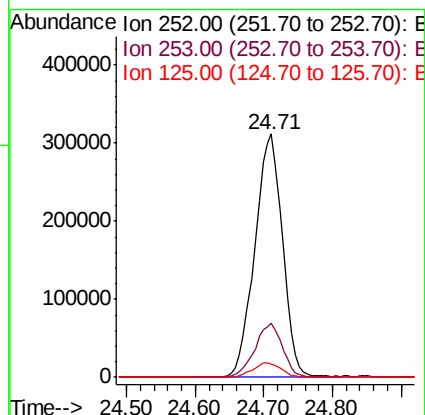
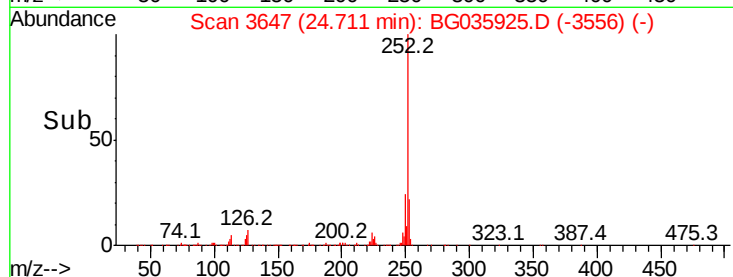
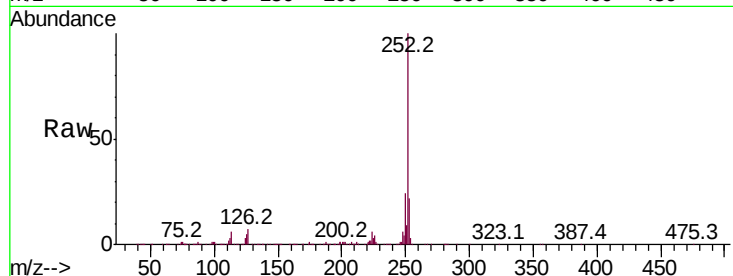
Tot Ion:252 Resp: 875818

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

125 5.2 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 46.106 ng

RT: 28.56 min Scan# 4303

Delta R.T. -0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

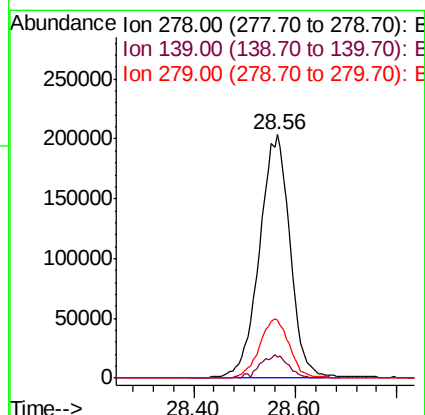
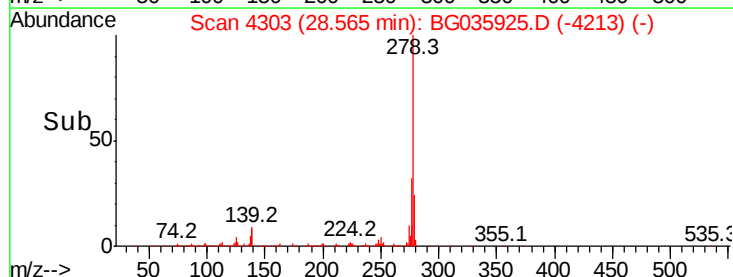
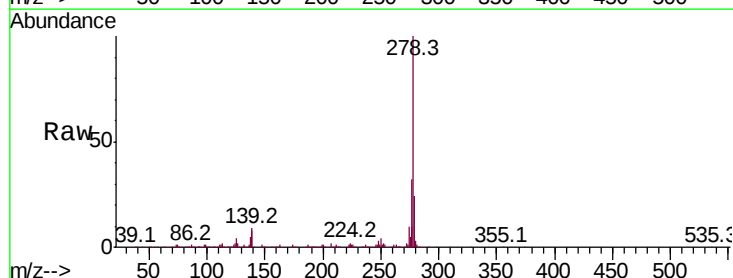
Tgt Ion:278 Resp: 854492

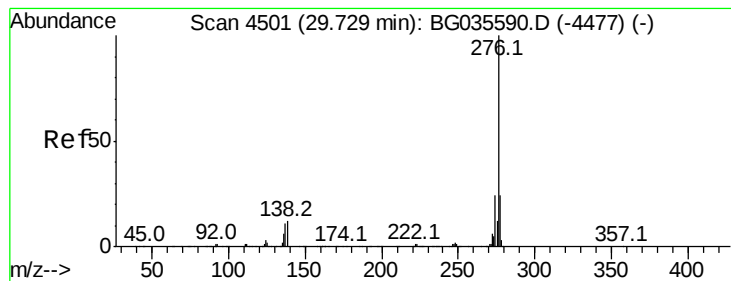
Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

279 24.1 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 46.753 ng

RT: 29.64 min Scan# 4486

Delta R.T. 0.00 min

Lab File: BG035925.D

Acq: 27 Jul 2018 1:43

Instrument :

BNA_G

ClientSampleId :

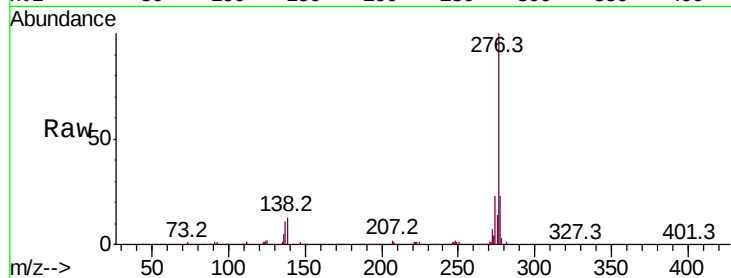
Tot Ion:276 Resp: 847901

Ion Ratio Lower Upper

276 100

277 23.3 18.3 27.5

138 13.2 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

