

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035987.D
 Acq On : 30 Jul 2018 23:28
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 00:56:20 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	34008	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143607	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	106288	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	281763	20.00	ng	0.00
75) Chrysene-d12	21.65	240	293526	20.00	ng	0.00
86) Perylene-d12	24.85	264	292463	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	147999	72.25	ng	0.00
7) Phenol-d6	7.19	99	228571	74.79	ng	0.00
23) Nitrobenzene-d5	9.18	82	258638	75.24	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	109300	78.02	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	608899	76.75	ng	0.00
78) Terphenyl-d14	20.00	244	1037624	77.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	35088	33.656	ng	# 70
3) Pyridine	3.91	79	95772	35.188	ng	# 70
4) n-Nitrosodimethylamine	3.83	42	37869	32.404	ng	# 71
6) Aniline	7.35	93	143201	36.151	ng	99
8) 2-Chlorophenol	7.59	128	80893	38.829	ng	94
9) Benzaldehyde	7.17	77	62759	33.468	ng	95
10) Phenol	7.22	94	116125	37.610	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	91353	37.779	ng	85
12) 1,3-Dichlorobenzene	7.91	146	96222	38.247	ng	95
13) 1,4-Dichlorobenzene	8.06	146	96804	37.871	ng	98
14) 1,2-Dichlorobenzene	8.38	146	94740	38.581	ng	96
15) Benzyl Alcohol	8.26	79	101612	36.613	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.54	45	72241	35.635	ng	78
17) 2-Methylphenol	8.47	107	79941	38.080	ng	# 92
18) Hexachloroethane	9.10	117	37407	38.274	ng	90
19) n-Nitroso-di-n-propylamine	8.83	70	91201	35.438	ng	# 87
20) 3+4-Methylphenols	8.80	107	112426	38.604	ng	86
22) Acetophenone	8.84	105	165351	37.026	ng	# 93
24) Nitrobenzene	9.22	77	125625	36.337	ng	96
25) Isophorone	9.75	82	230653	36.144	ng	97
26) 2-Nitrophenol	9.94	139	51188	41.690	ng	# 91
27) 2,4-Dimethylphenol	9.99	122	80838	38.895	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	132853	37.782	ng	99
29) 2,4-Dichlorophenol	10.48	162	96287	40.585	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	117139	40.265	ng	92
31) Naphthalene	10.88	128	285705	38.193	ng	98
32) Benzoic acid	10.17	122	16343	11.681	ng	# 89
33) 4-Chloroaniline	10.99	127	122444	37.555	ng	94
34) Hexachlorobutadiene	11.16	225	91030	40.127	ng	98
35) Caprolactam	11.77	113	35410	34.779	ng	# 61
36) 4-Chloro-3-methylphenol	12.11	107	120298	37.828	ng	100
37) 2-Methylnaphthalene	12.48	142	220741	39.608	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	151948	37.876	ng	97
40) Hexachlorocyclopentadiene	12.82	237	69806	33.179	ng	89

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 Misc :
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Instrument :
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 ClientSampleId :

Quant Time: Jul 31 00:56:20 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
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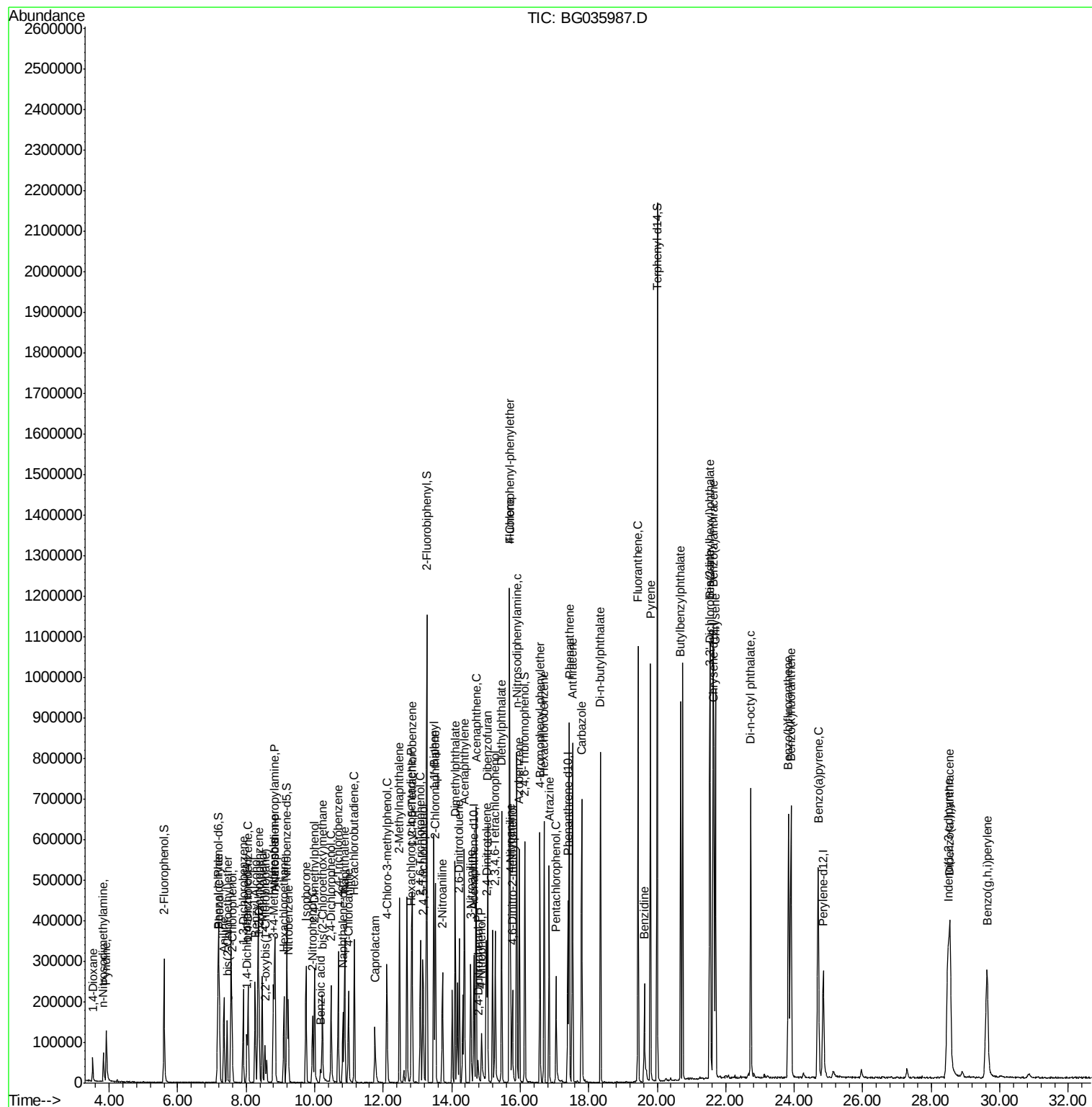
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	92468	39.414	nq	95
43) 2,4,5-Trichlorophenol	13.16	196	103116	39.290	nq	91
45) 1,1'-Biphenyl	13.48	154	317500	38.529	nq	96
46) 2-Chloronaphthalene	13.52	162	243808	38.037	nq	97
47) 2-Nitroaniline	13.73	65	83361	36.787	nq	93
48) Acenaphthylene	14.37	152	414117	38.569	nq	98
49) Dimethylphthalate	14.10	163	349938	37.578	nq	99
50) 2,6-Dinitrotoluene	14.22	165	78166	41.219	nq	94
51) Acenaphthene	14.71	154	257832	38.548	nq	98
52) 3-Nitroaniline	14.55	138	72975	37.651	nq #	97
53) 2,4-Dinitrophenol	14.77	184	17151	22.723	nq #	73
54) Dibenzofuran	15.05	168	411951	38.727	nq	95
55) 4-Nitrophenol	14.88	139	40591	29.407	nq #	79
56) 2,4-Dinitrotoluene	15.01	165	113682	41.786	nq #	86
57) Fluorene	15.69	166	344584	38.650	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	93867	37.303	nq	95
59) Diethylphthalate	15.46	149	354279	36.998	nq	97
60) 4-Chlorophenyl-phenylether	15.68	204	204158	38.961	nq	96
61) 4-Nitroaniline	15.72	138	75306	37.143	nq #	78
62) Azobenzene	15.97	77	338187	35.805	nq	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	57945	36.944	nq	88
65) n-Nitrosodiphenylamine	15.90	169	314725	39.242	nq	100
66) 4-Bromophenyl-phenylether	16.58	248	134442	41.127	nq	95
67) Hexachlorobenzene	16.70	284	138323	41.090	nq	96
68) Atrazine	16.84	200	116972	35.424	nq	95
69) Pentachlorophenol	17.04	266	58537	28.548	nq	98
70) Phenanthrene	17.43	178	543223	38.637	nq	97
71) Anthracene	17.53	178	545729	38.982	nq	99
72) Carbazole	17.80	167	494320	37.181	nq	98
73) Di-n-butylphthalate	18.35	149	584672	37.214	nq	98
74) Fluoranthene	19.44	202	699178	36.919	nq	97
76) Benzidine	19.62	184	191467	24.811	nq	98
77) Pyrene	19.80	202	716374	38.598	nq	99
79) Butylbenzylphthalate	20.68	149	262348	39.527	nq	98
80) Benzo(a)anthracene	21.63	228	699181	38.224	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	248387	38.945	nq	98
82) Chrysene	21.70	228	657548	38.792	nq	98
83) Bis(2-ethylhexyl)phthalate	21.53	149	359825	39.878	nq	99
84) Di-n-octyl phthalate	22.73	149	623862	41.293	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.49	276	729059	38.849	nq #	89
87) Benzo(b)fluoranthene	23.83	252	659382	37.094	nq #	97
88) Benzo(k)fluoranthene	23.90	252	677544	38.988	nq #	98
89) Benzo(a)pyrene	24.70	252	633290	38.295	nq #	95
90) Dibenzo(a,h)anthracene	28.55	278	609592	37.547	nq #	97
91) Benzo(g,h,i)perylene	29.63	276	590731	37.183	nq #	92

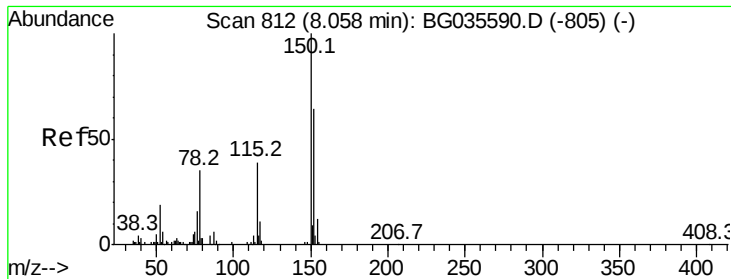
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 31 00:42:30 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
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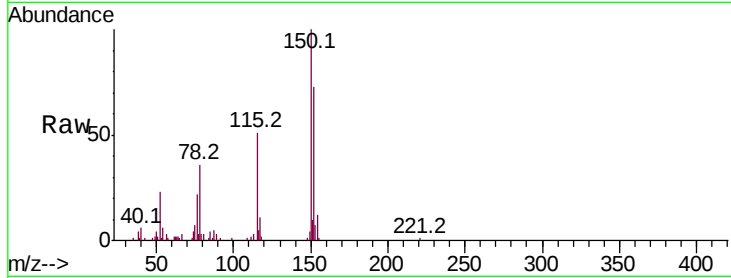


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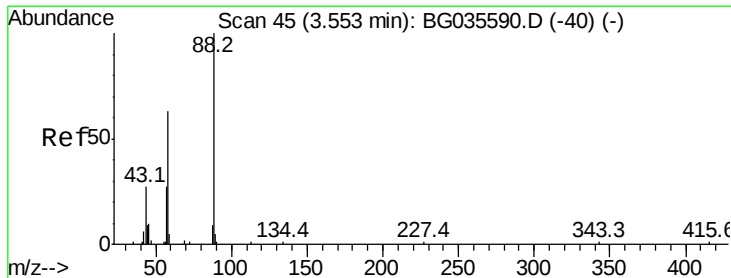
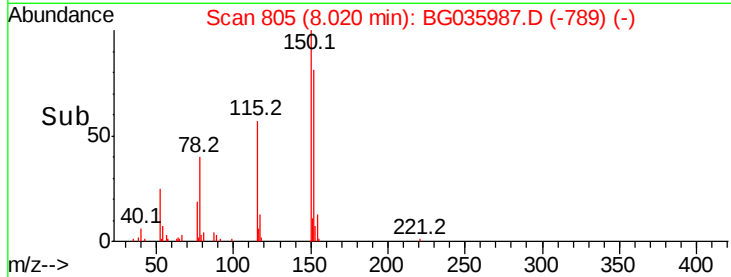
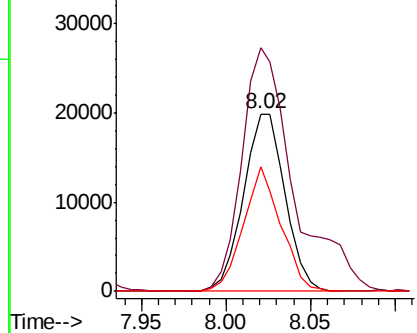
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	137.2	126.6	189.8
115	70.0	53.0	79.4



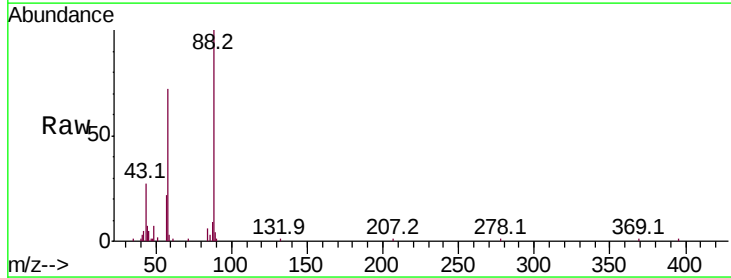
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



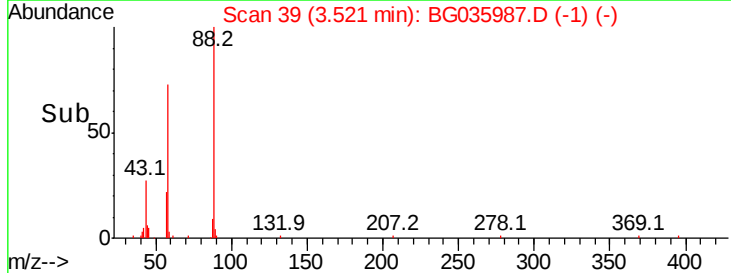
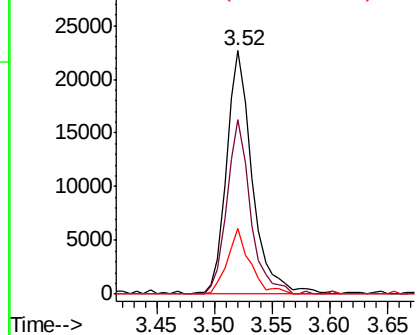
#2

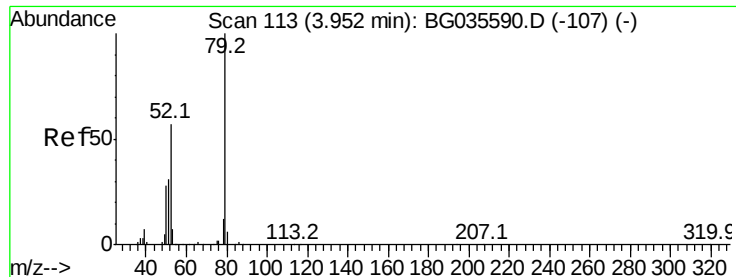
1,4-Dioxane
Concen: 33.656 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.3	79.6	119.4#
43	23.6	27.4	41.0#



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





#3

Pvridine

Concen: 35.188 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

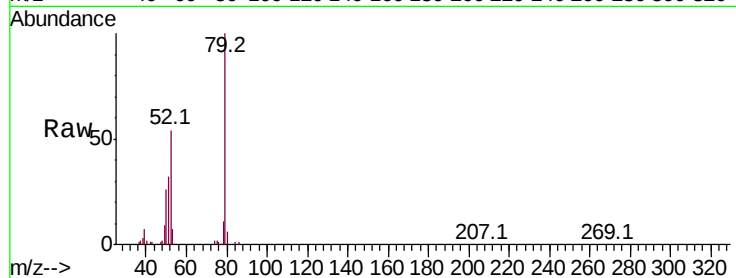
Tot Ion: 79 Resp: 95772

Ion Ratio Lower Upper

79 100

52 53.6 69.9 104.9#

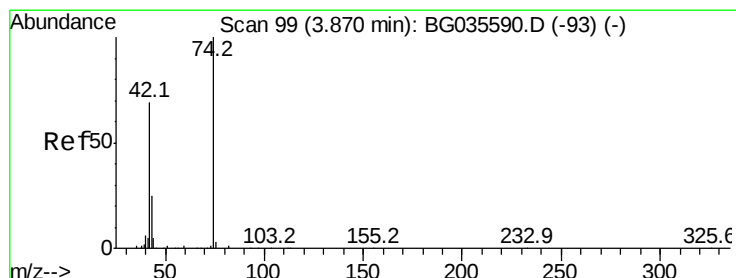
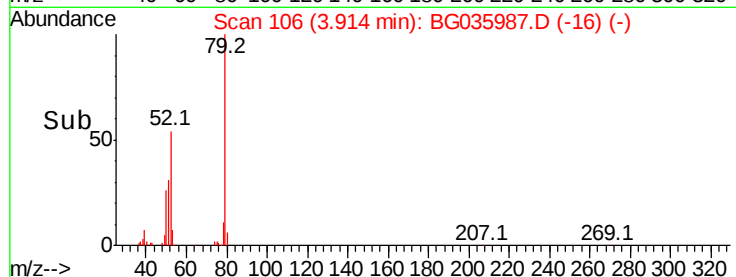
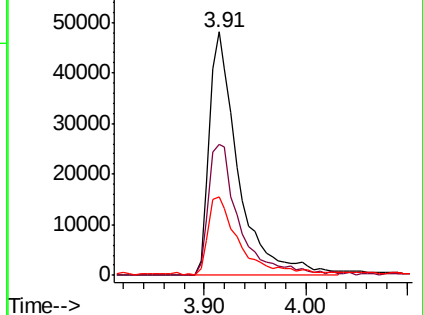
51 32.4 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 32.404 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

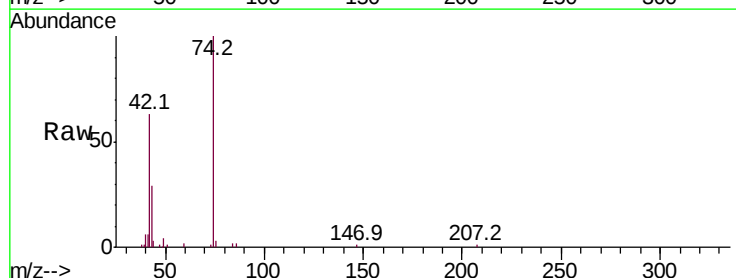
Tgt Ion: 42 Resp: 37869

Ion Ratio Lower Upper

42 100

74 159.2 102.5 153.7#

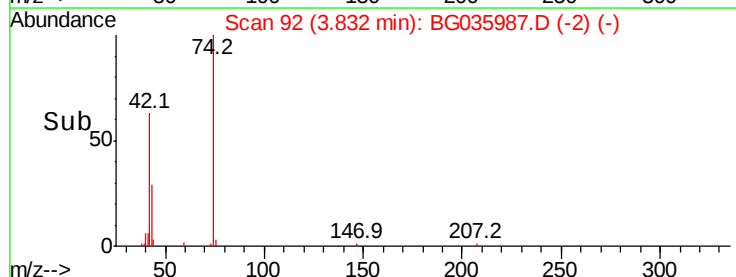
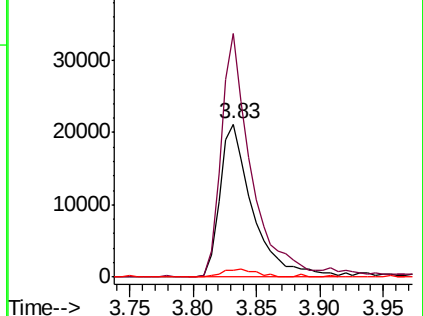
44 4.3 18.9 28.3#

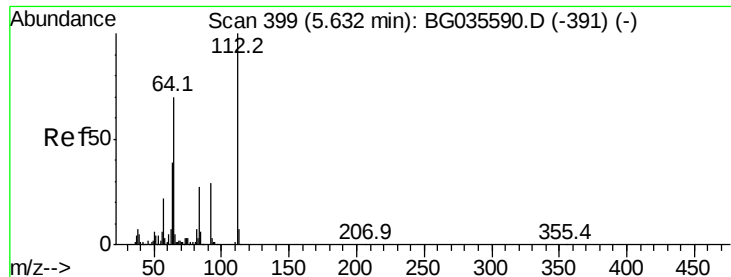


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 72.252 ng

RT: 5.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

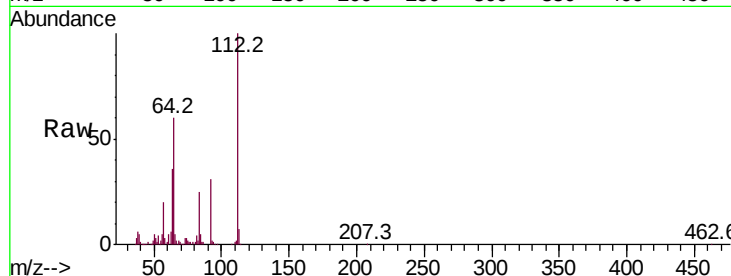
Tot Ion:112 Resp: 147999

Ion Ratio Lower Upper

112 100

64 60.2 56.3 84.5

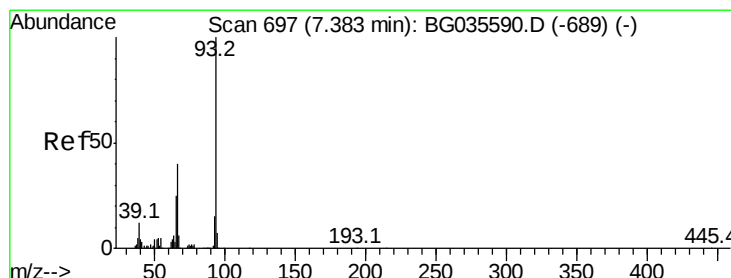
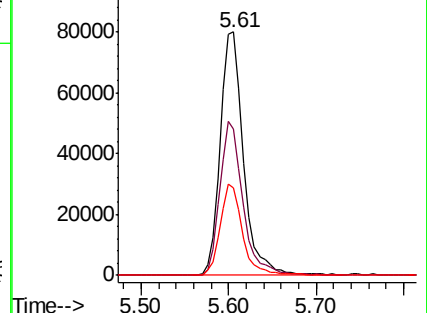
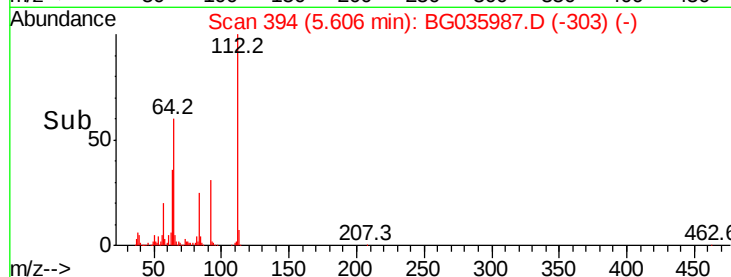
63 36.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 36.151 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

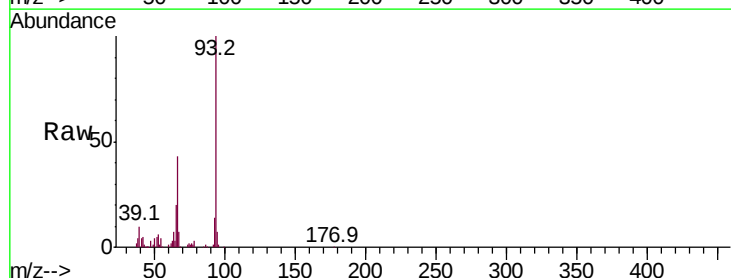
Tgt Ion: 93 Resp: 143201

Ion Ratio Lower Upper

93 100

66 42.7 33.7 50.5

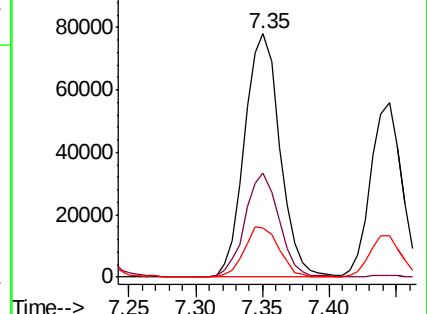
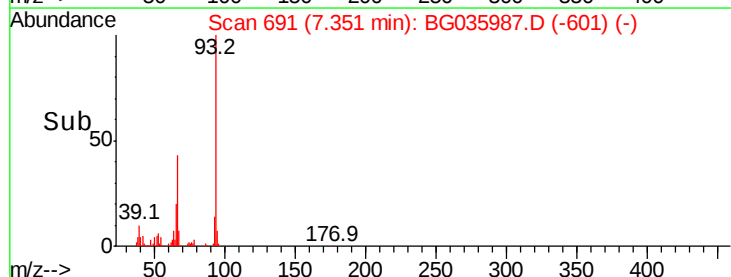
65 20.4 16.1 24.1

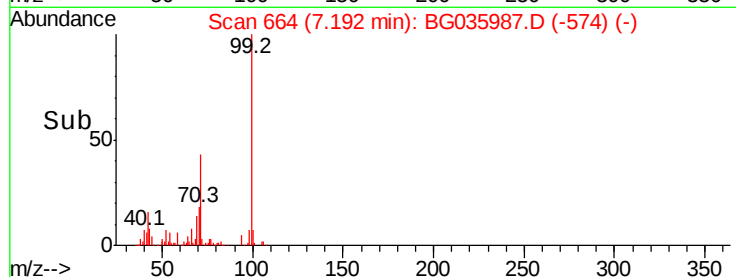
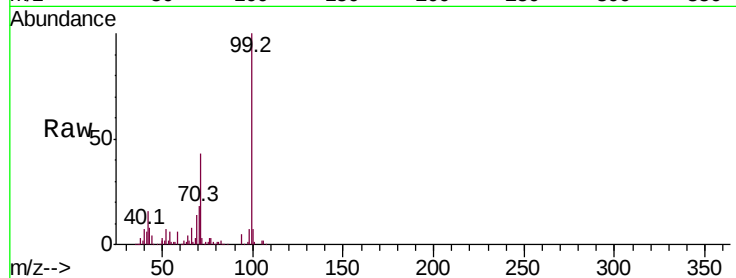
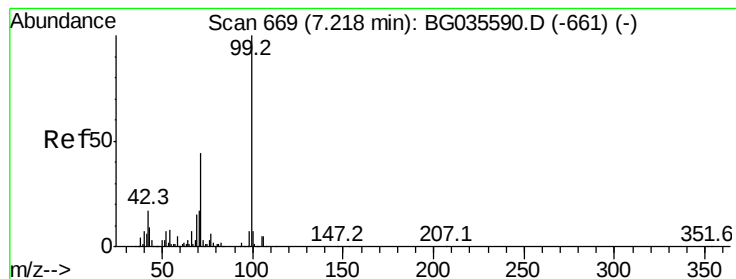


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 74.790 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035987.D

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ClientSampleId :

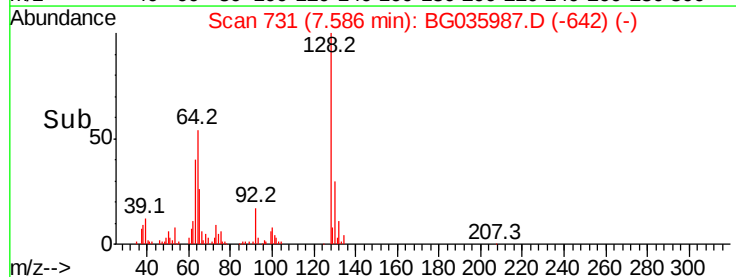
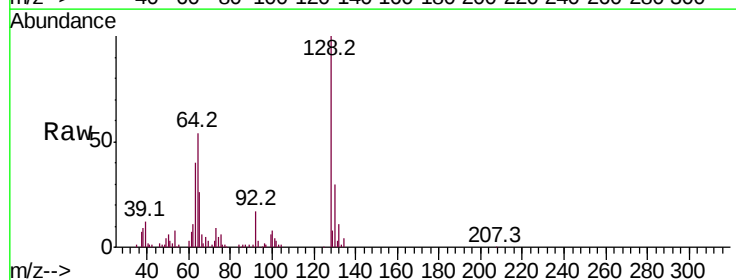
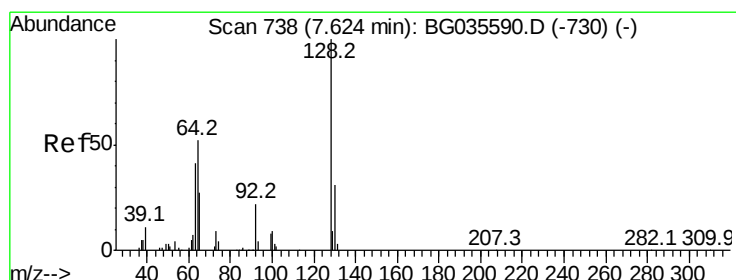
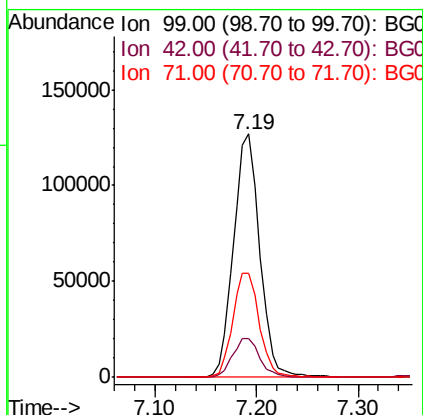
Tot Ion: 99 Resp: 228571

Ion Ratio Lower Upper

99 100

42 15.8 14.1 21.1

71 42.7 26.1 39.1#



#8

2-Chlorophenol

Concen: 38.829 ng

RT: 7.59 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

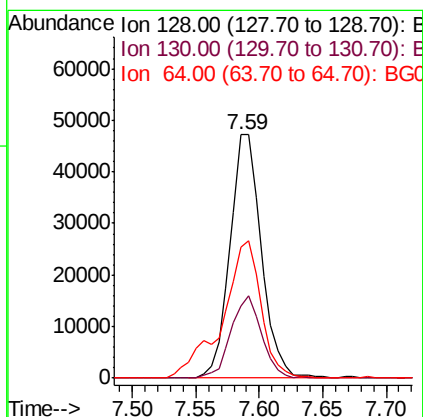
Tgt Ion: 128 Resp: 80893

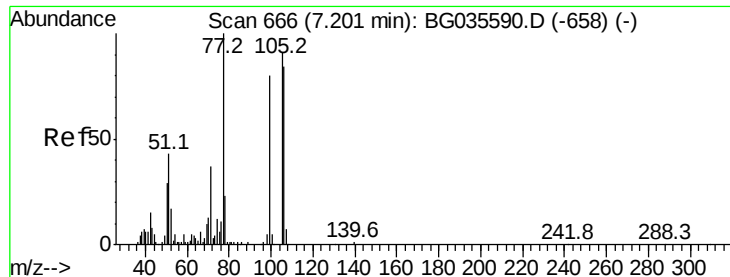
Ion Ratio Lower Upper

128 100

130 29.9 14.0 54.0

64 53.9 37.7 77.7





#9

Benzaldehyde

Concen: 33.468 ng

RT: 7.17 min Scan# 660

Delta R.T. 0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

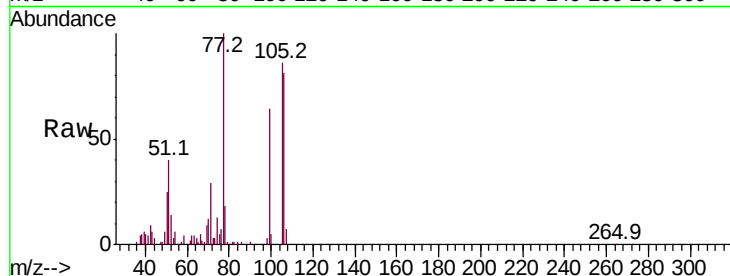
Tot Ion: 77 Resp: 62759

Ion Ratio Lower Upper

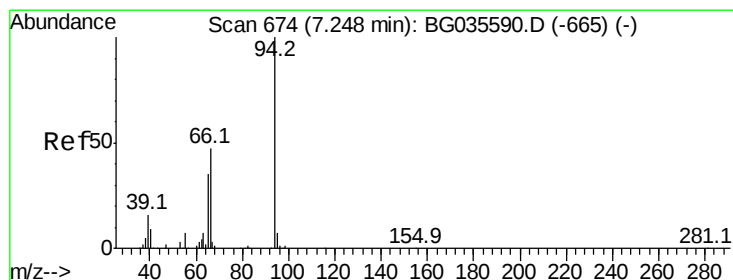
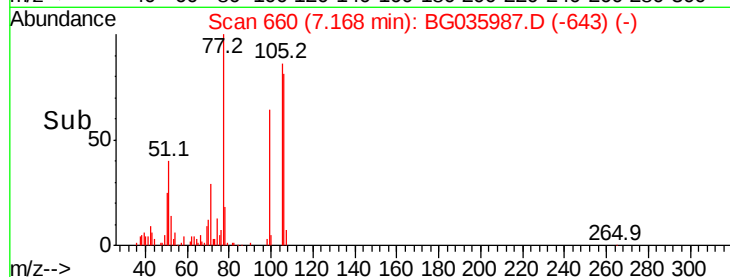
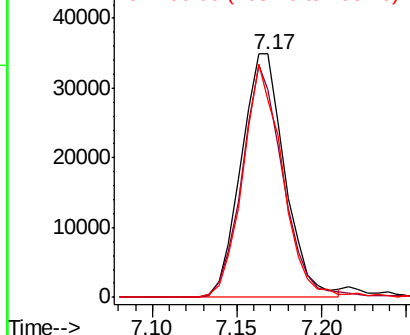
77 100

105 85.6 71.3 111.3

106 81.1 64.2 104.2



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



#10

Phenol

Concen: 37.610 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

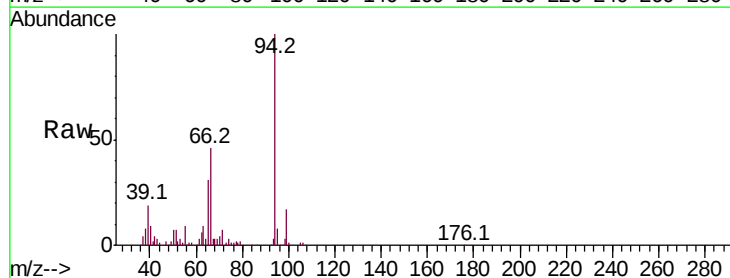
Tgt Ion: 94 Resp: 116125

Ion Ratio Lower Upper

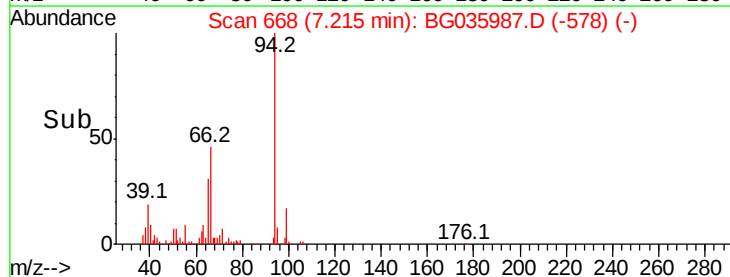
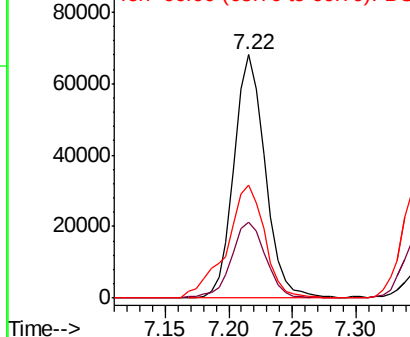
94 100

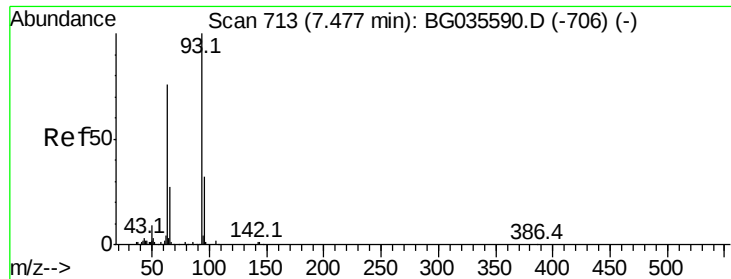
65 31.4 11.9 51.9

66 46.2 22.2 62.2



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

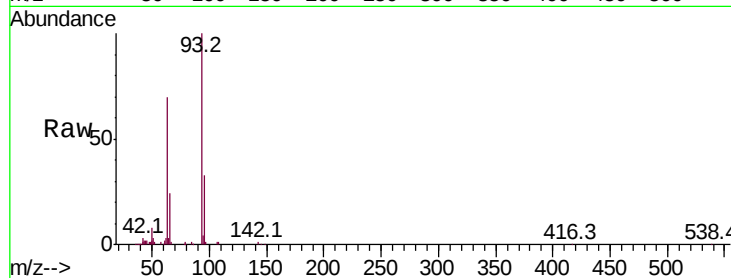




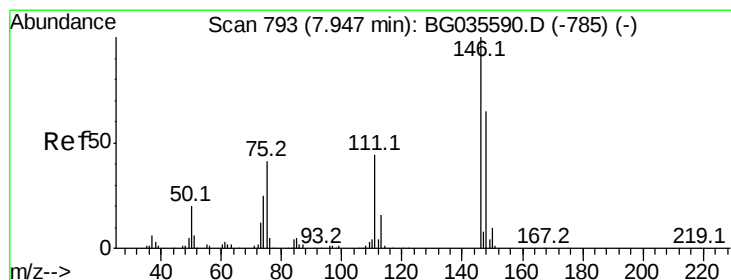
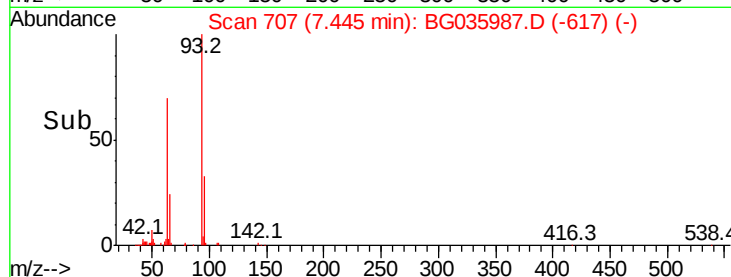
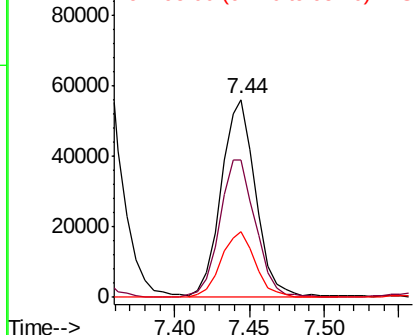
#11
bis(2-Chloroethyl)ether
Concen: 37.779 ng
RT: 7.44 min Scan# 707
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 91353
Ion Ratio Lower Upper
93 100
63 69.5 67.1 107.1
95 33.0 11.5 51.5

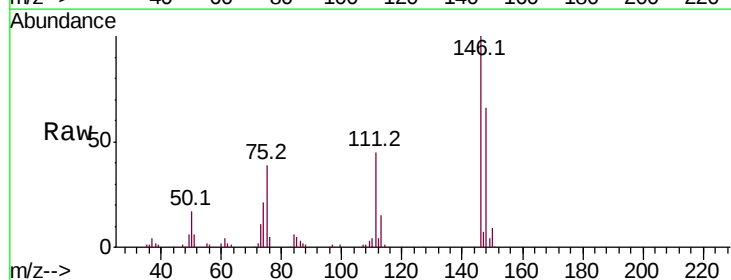


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

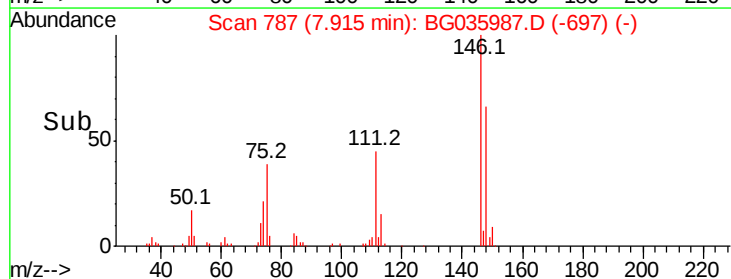
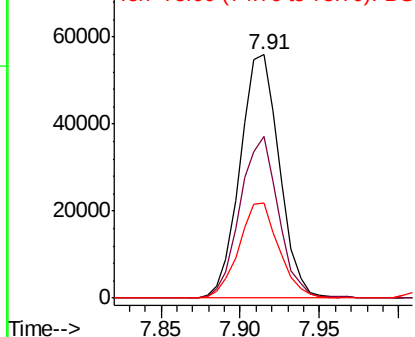


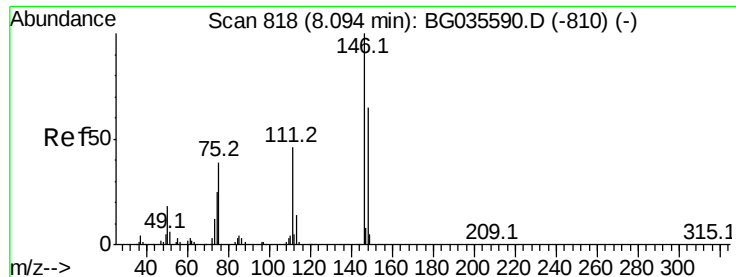
#12
1,3-Dichlorobenzene
Concen: 38.247 ng
RT: 7.91 min Scan# 787
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:146 Resp: 96222
Ion Ratio Lower Upper
146 100
148 66.2 51.4 77.2
75 39.0 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 37.871 ng

RT: 8.06 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

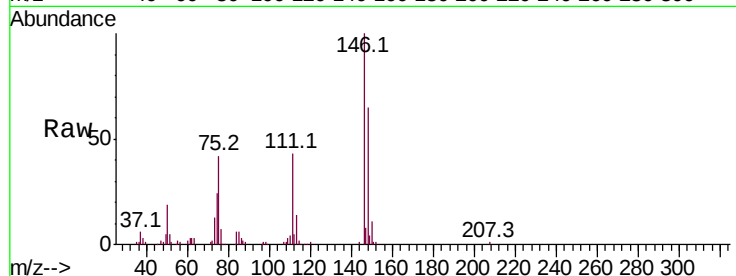
Tot Ion:146 Resp: 96804

Ion Ratio Lower Upper

146 100

148 65.2 53.7 80.5

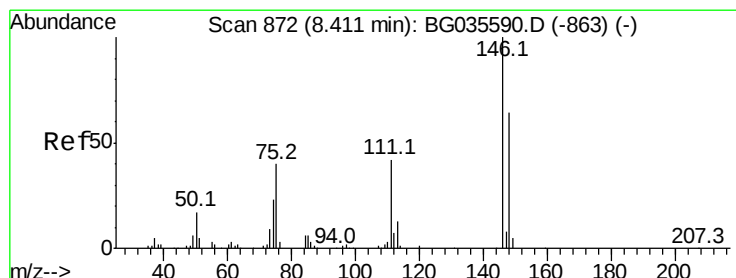
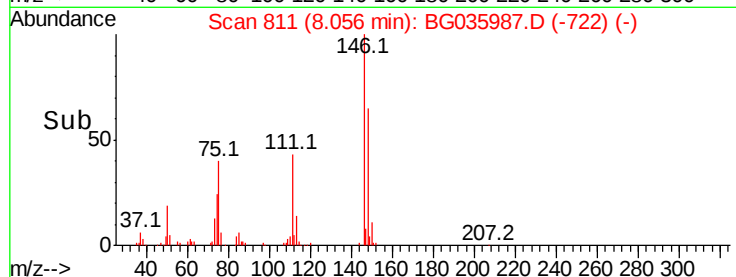
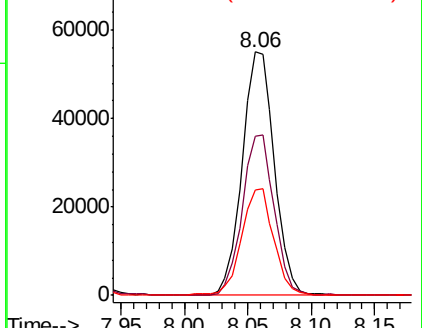
111 43.3 35.2 52.8



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: 38.581 ng

RT: 8.38 min Scan# 866

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

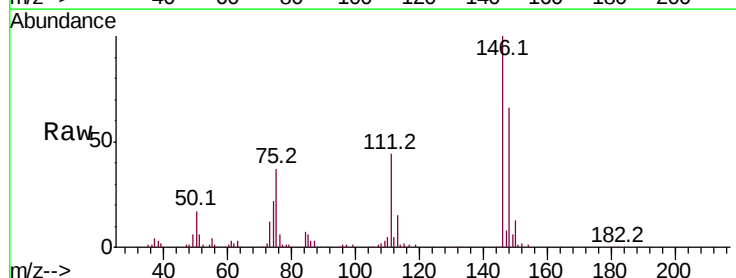
Tgt Ion:146 Resp: 94740

Ion Ratio Lower Upper

146 100

148 66.1 49.3 73.9

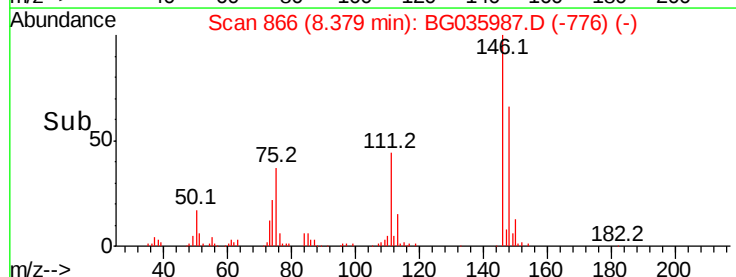
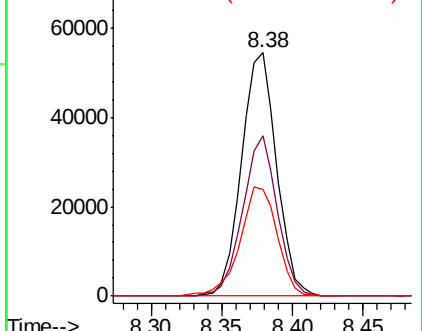
111 43.9 34.3 51.5



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: 36.613 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

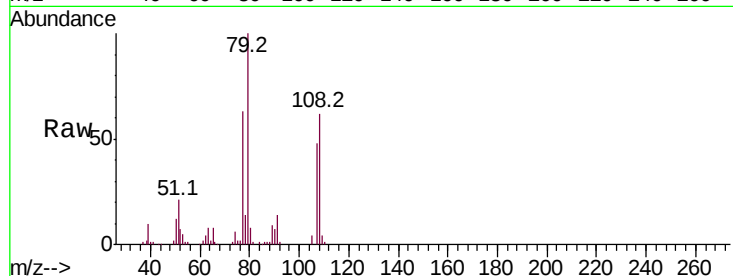
Tot Ion: 79 Resp: 101612

Ion Ratio Lower Upper

79 100

108 62.2 57.2 85.8

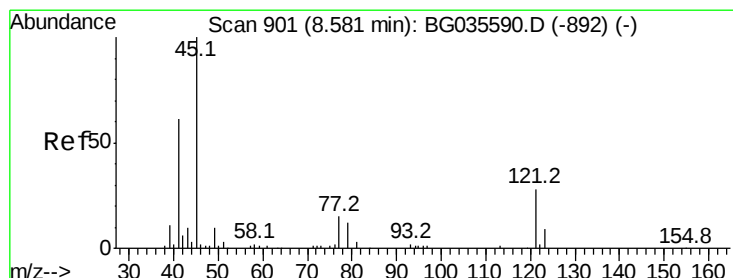
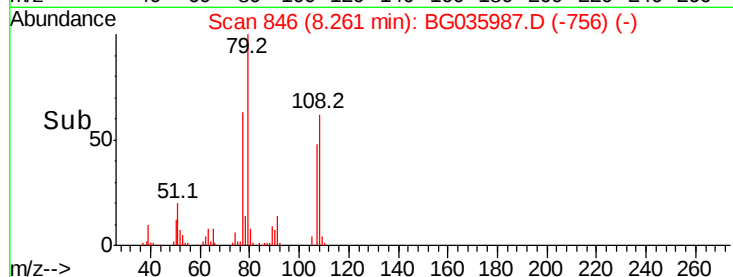
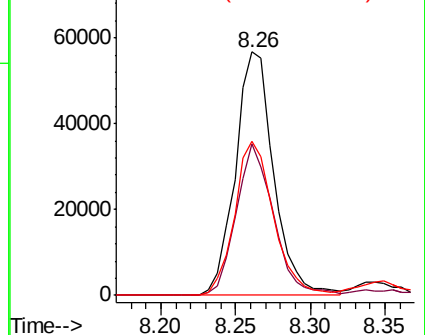
77 63.0 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.635 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

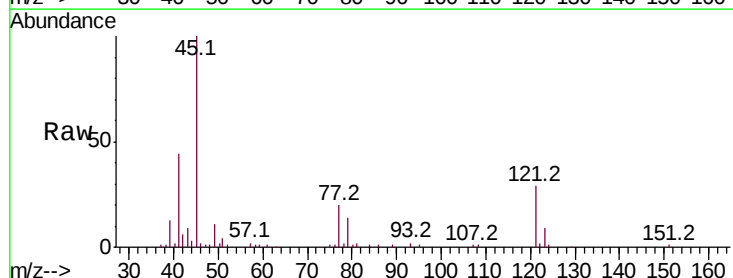
Tgt Ion: 45 Resp: 72241

Ion Ratio Lower Upper

45 100

77 19.7 0.0 30.2

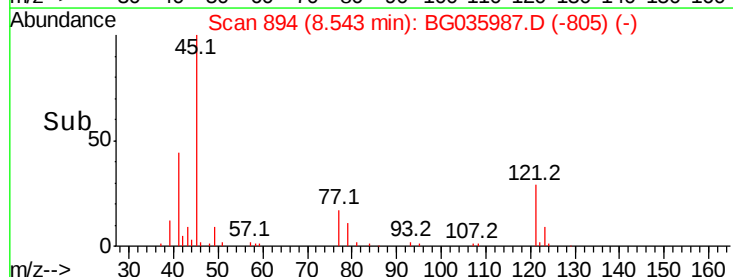
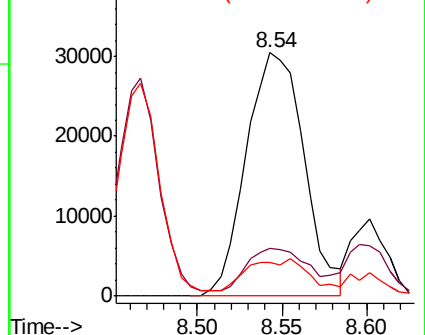
79 13.6 0.0 27.9

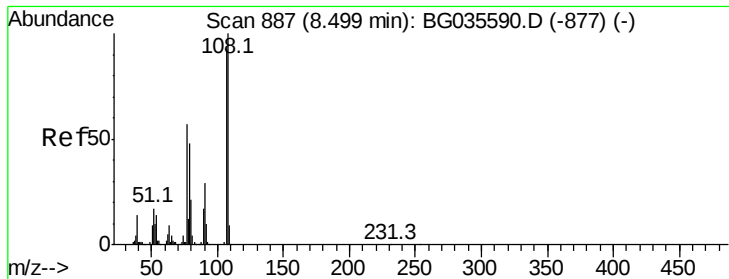


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.080 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	79941
Ion	Ratio	Lower	Upper
107	100		
108	104.0	83.9	125.9
77	56.6	37.2	55.8#
79	55.2	36.2	54.2#

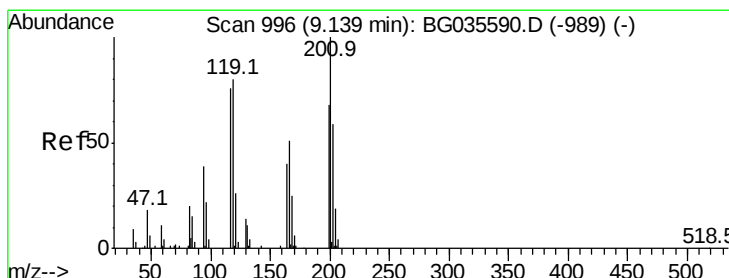
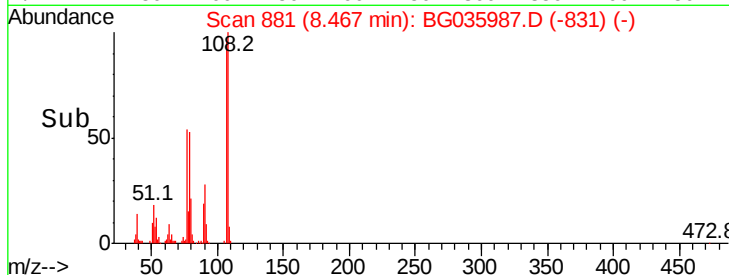
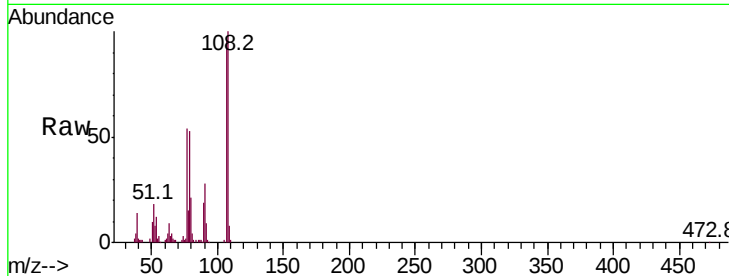
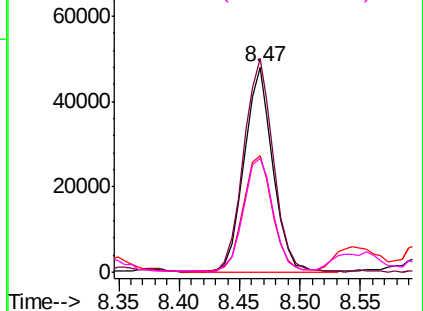
Abundance

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: 38.274 ng

RT: 9.10 min Scan# 989

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

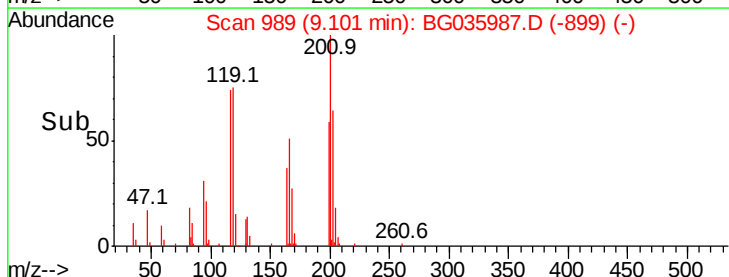
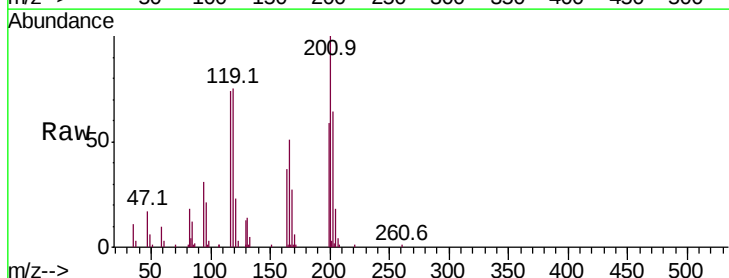
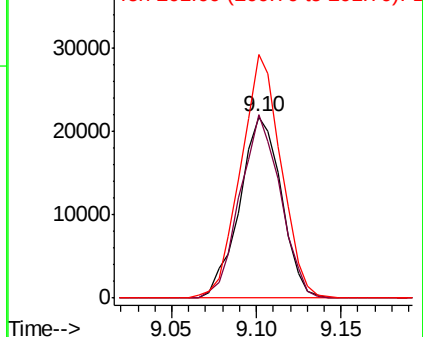
Tgt Ion:	117	Resp:	37407
Ion	Ratio	Lower	Upper
117	100		
119	100.9	76.7	115.1
201	134.4	95.7	143.5

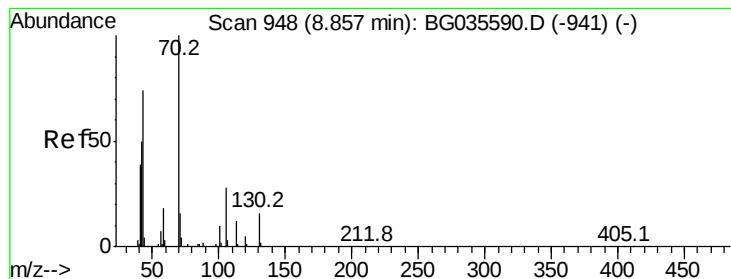
Abundance

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: 35.438 ng

RT: 8.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG035987.D

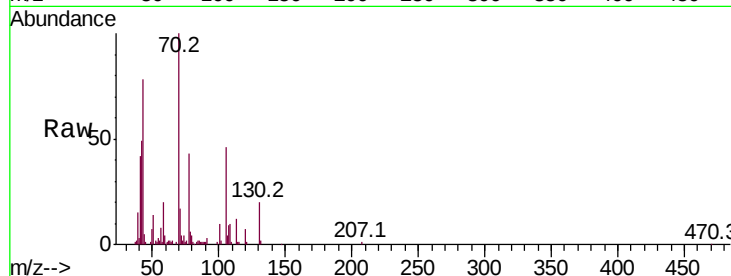
Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	91201
Ion	Ratio	Lower	Upper
70	100		
42	48.6	49.1	73.7#
101	10.1	8.5	12.7
130	20.0	13.4	20.0



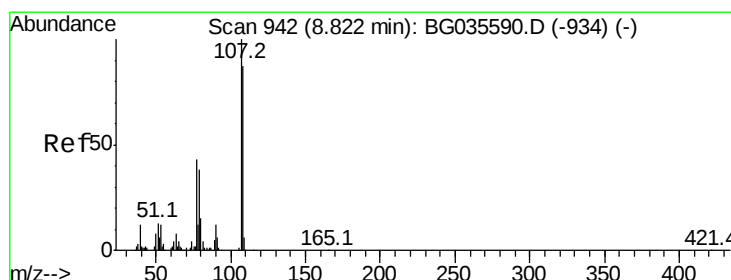
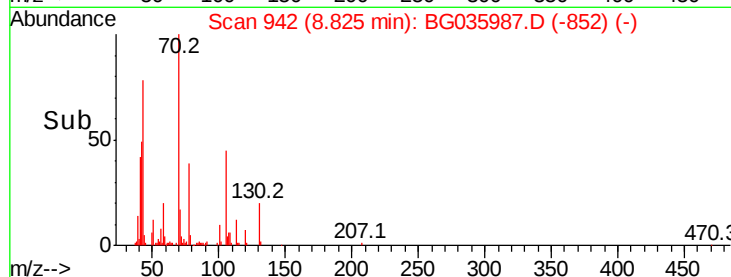
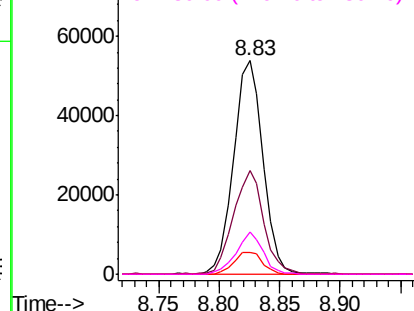
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.604 ng

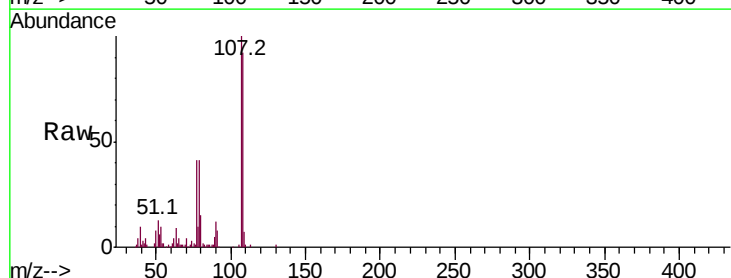
RT: 8.80 min Scan# 937

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Tgt Ion:	107	Resp:	112426
Ion	Ratio	Lower	Upper
107	100		
108	92.2	61.6	101.6
77	41.0	13.9	53.9
79	41.0	8.8	48.8



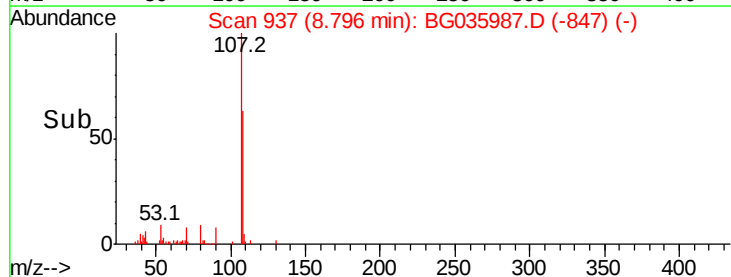
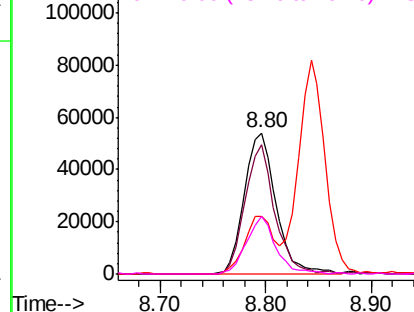
Abundance

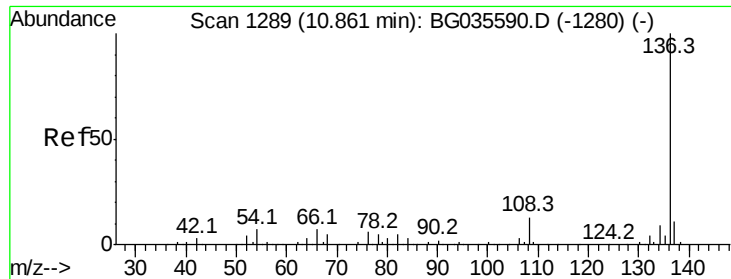
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

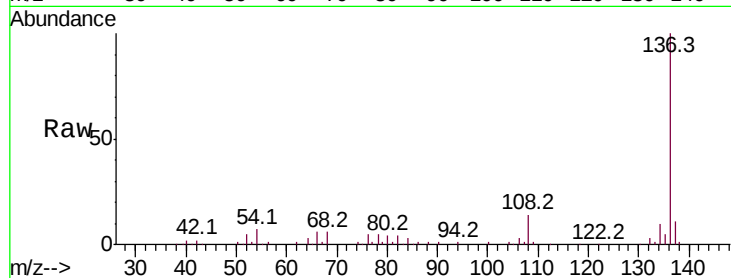




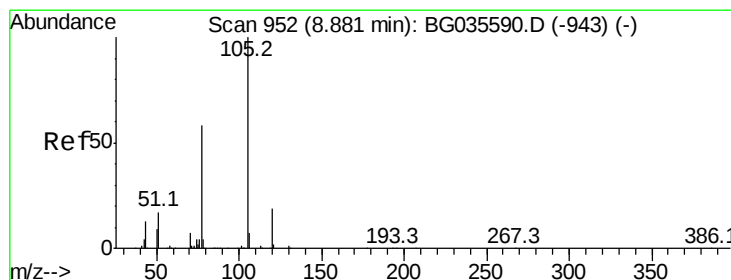
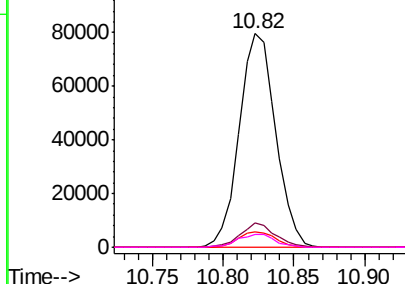
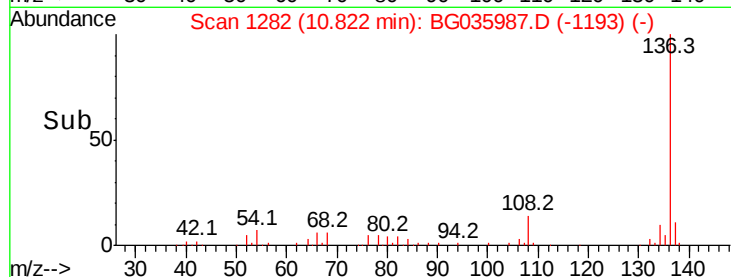
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	143607
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	6.9	10.3	15.5#
68	5.9	4.5	6.7

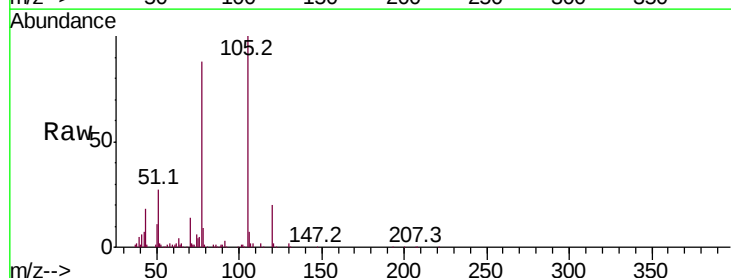


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

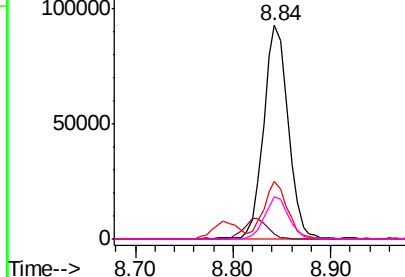
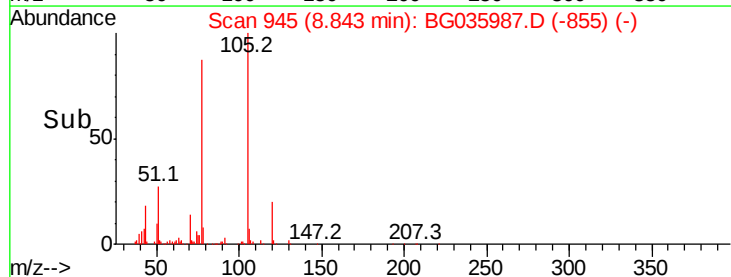


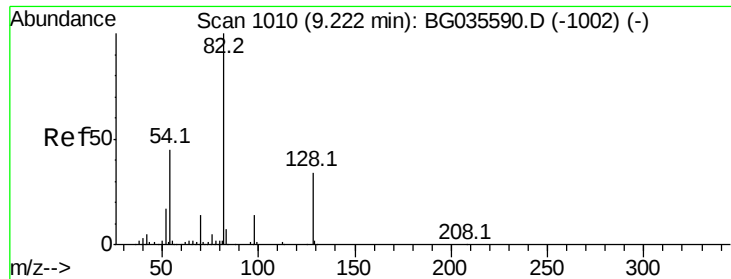
#22
Acetophenone
Concen: 37.026 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:	105	Resp:	165351
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.0	4.4#
51	27.1	26.1	39.1
120	20.0	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

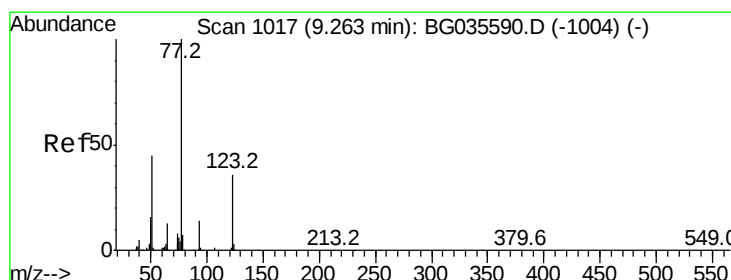
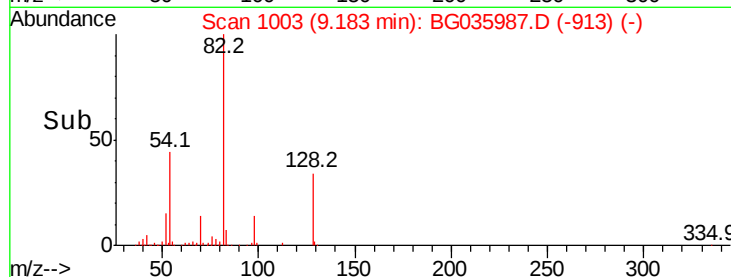
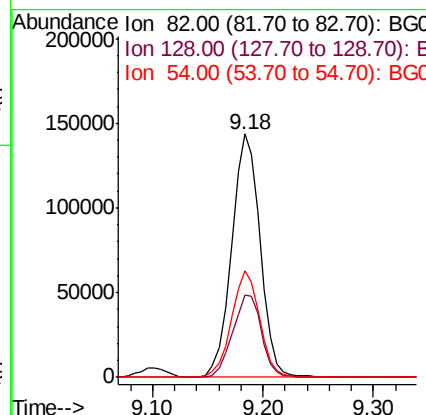
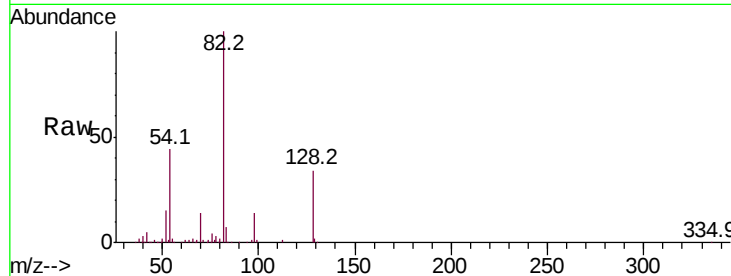




#23
Nitrobenzene-d5
Concen: 75.237 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

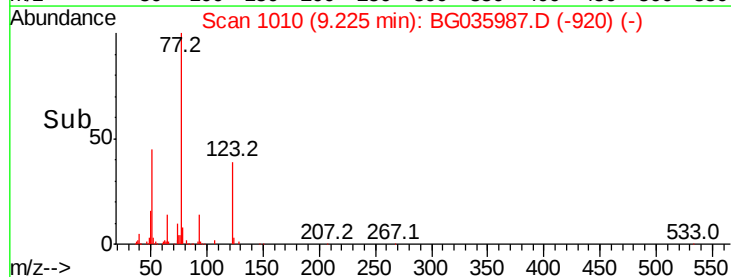
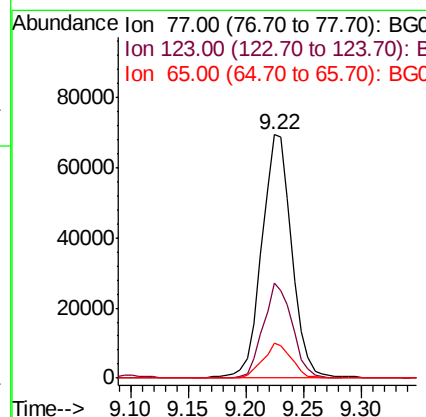
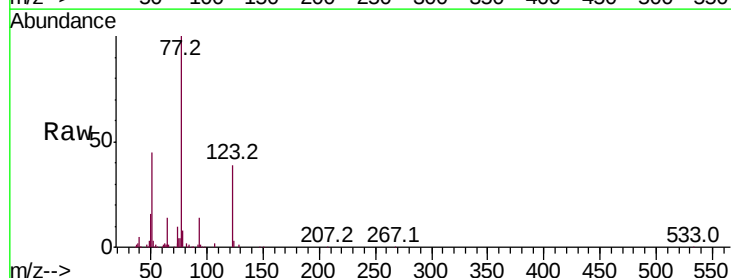
Instrument :
BNA_G
ClientSampleId :

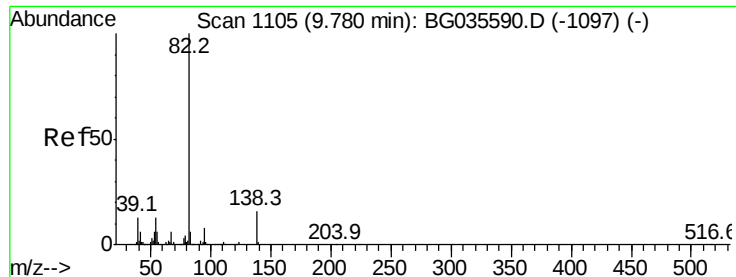
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.0	29.7	44.5
54	43.7	43.1	64.7



#24
Nitrobenzene
Concen: 36.337 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.3	33.0	49.6
65	14.4	13.0	19.6





#25

Isophorone

Concen: 36.144 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

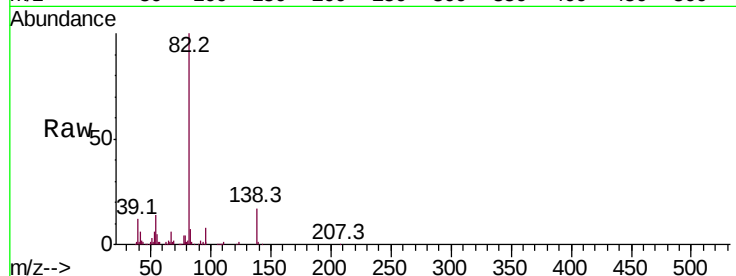
Tot Ion: 82 Resp: 230653

Ion Ratio Lower Upper

82 100

95 8.1 6.2 9.2

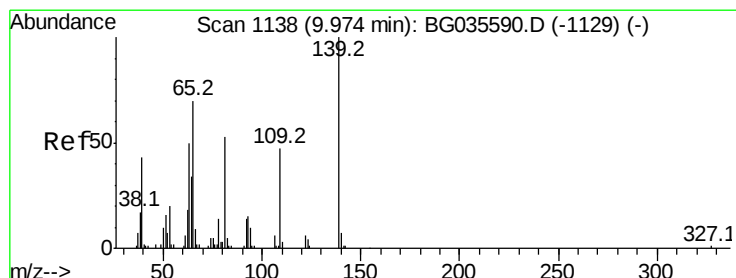
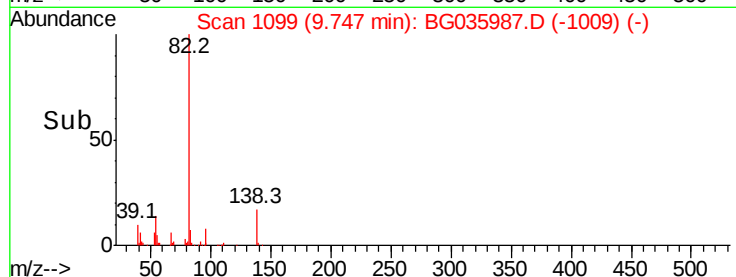
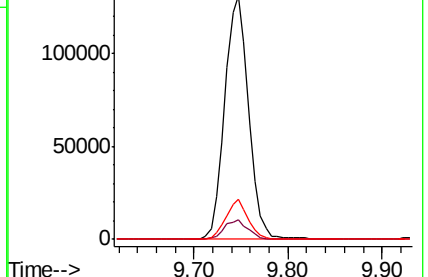
138 16.6 12.1 18.1



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: 41.690 ng

RT: 9.94 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

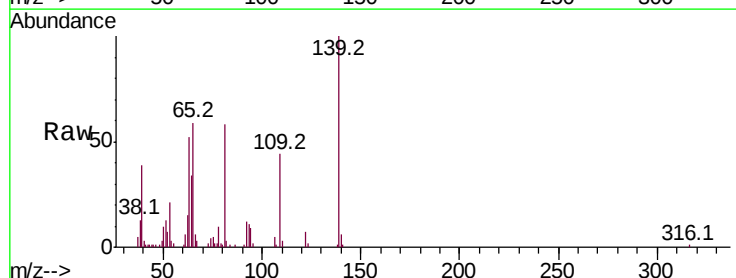
Tgt Ion: 139 Resp: 51188

Ion Ratio Lower Upper

139 100

109 43.8 24.2 36.2#

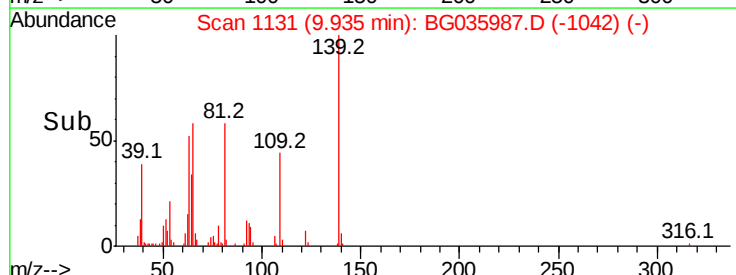
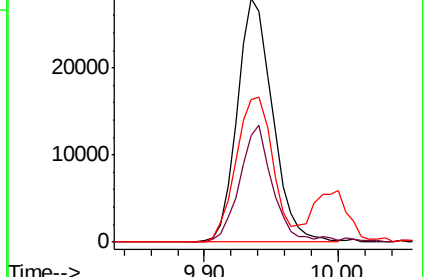
65 58.6 47.4 71.0

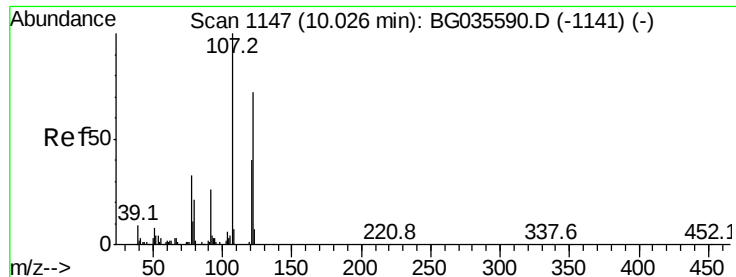


Abundance Ion 139.00 (138.70 to 139.70): BG035590.D (-1129) (-)

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

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

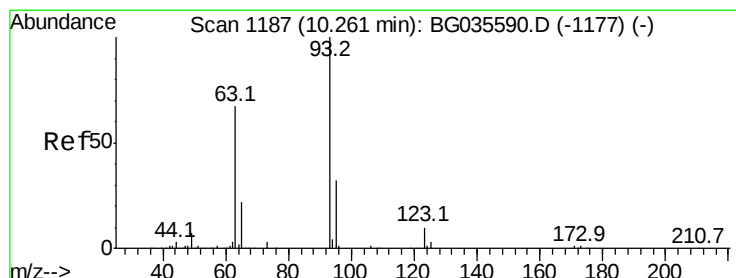
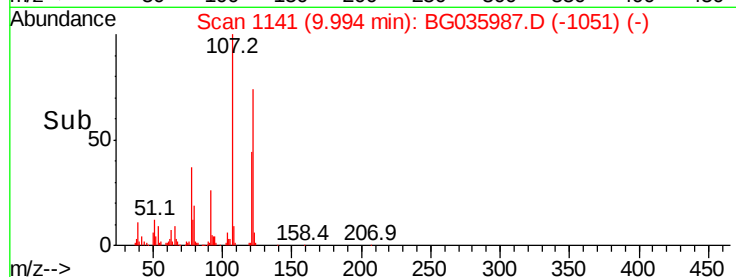
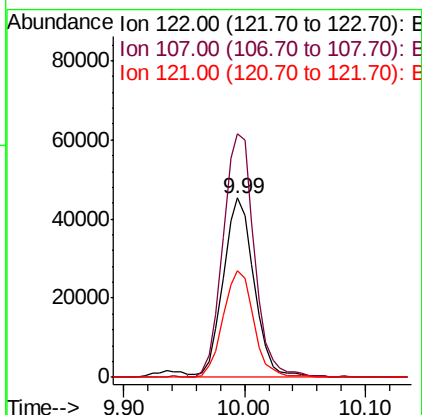
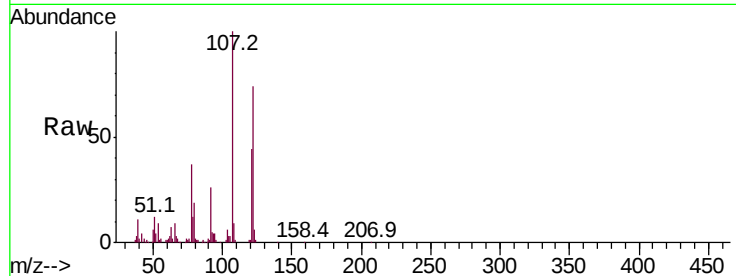




#27
2,4-Dimethylphenol
Concen: 38.895 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

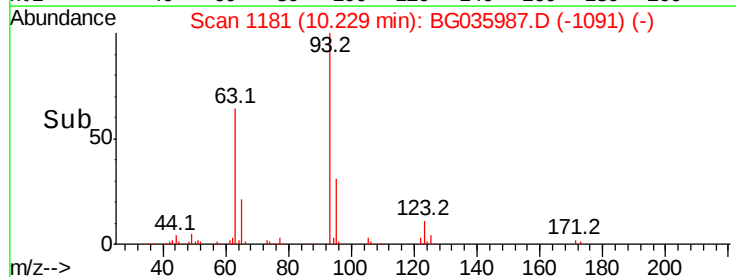
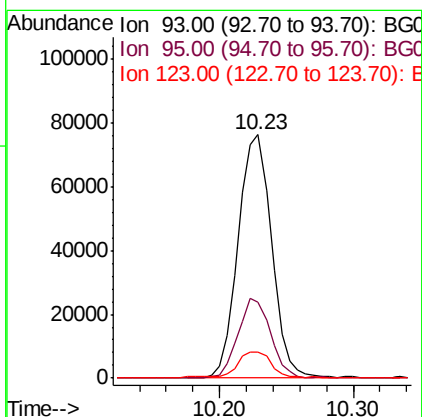
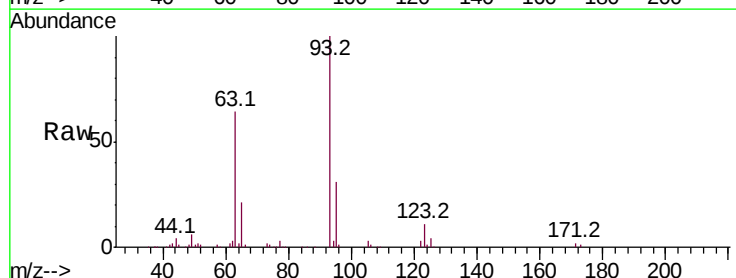
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
107	135.7	100.2	150.2
121	59.6	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.782 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	24.3	36.5
123	10.8	8.4	12.6

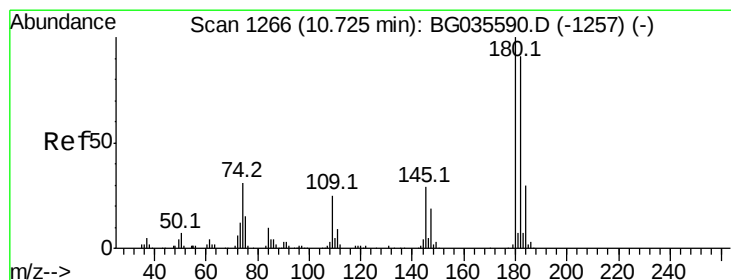
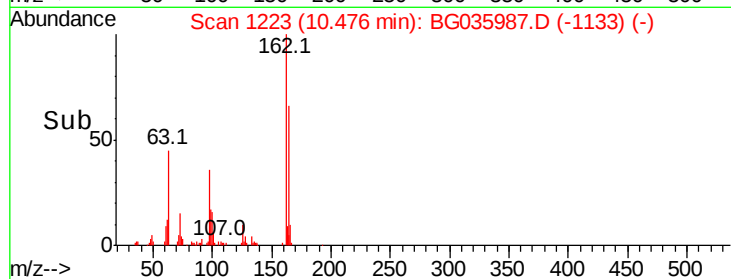
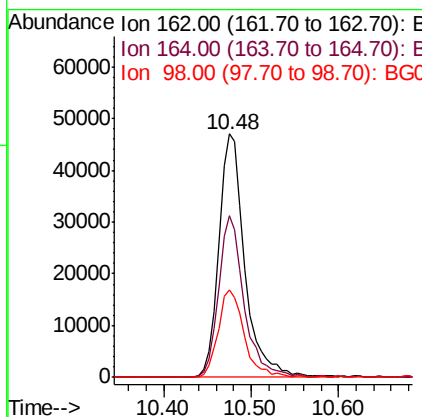
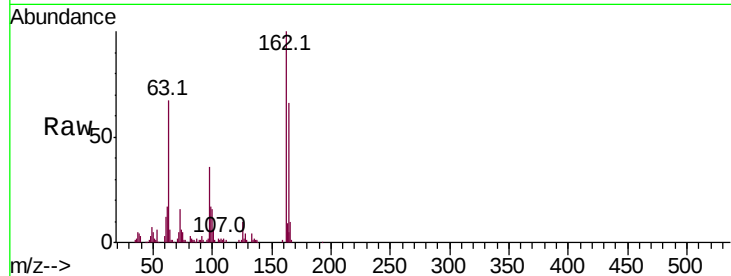




#29
 2,4-Dichlorophenol
 Concen: 40.585 ng
 RT: 10.48 min Scan# 1223
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

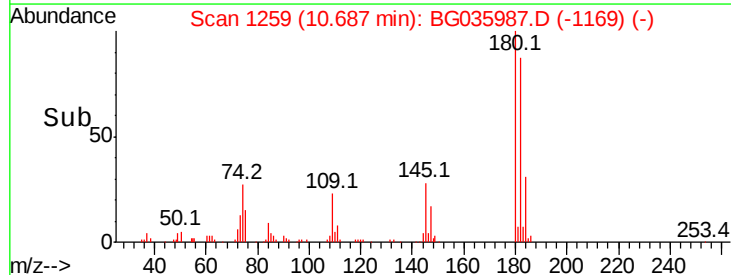
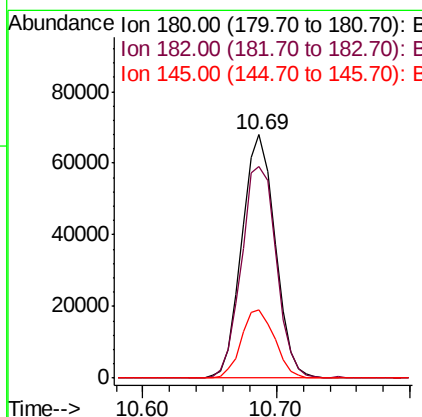
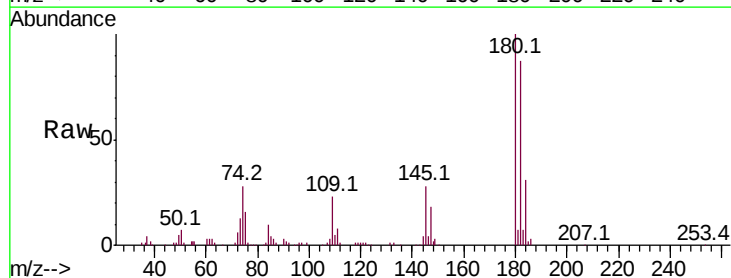
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 96287
 Ion Ratio Lower Upper
 162 100
 164 66.5 48.0 88.0
 98 35.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.265 ng
 RT: 10.69 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion:180 Resp: 117139
 Ion Ratio Lower Upper
 180 100
 182 86.8 77.5 116.3
 145 28.1 23.4 35.2

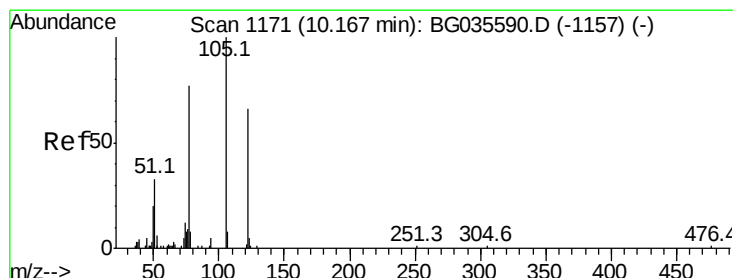
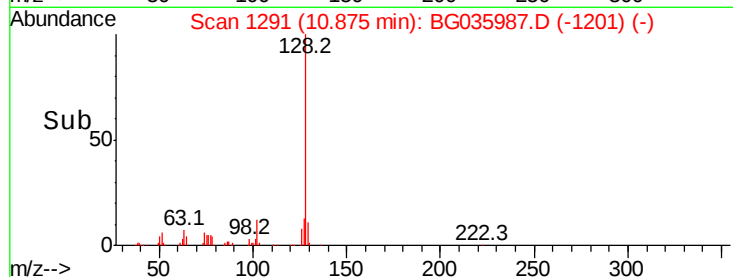
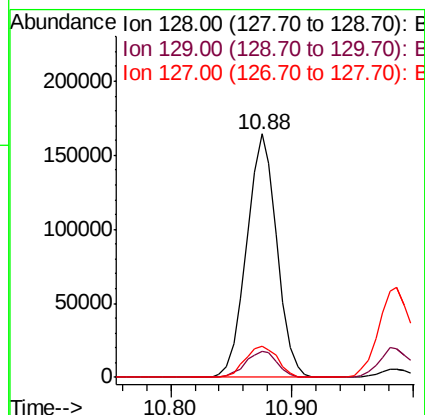
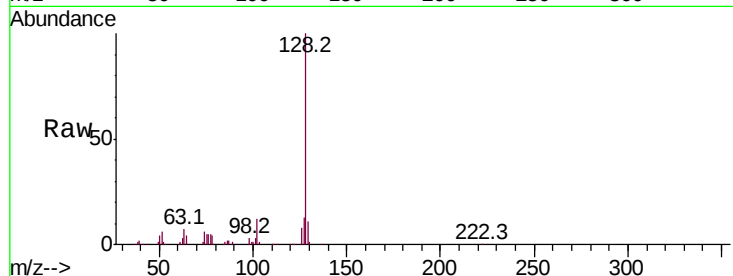




#31
Naphthalene
Concen: 38.193 ng
RT: 10.88 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

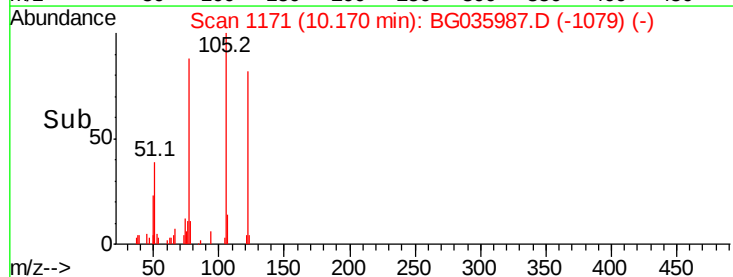
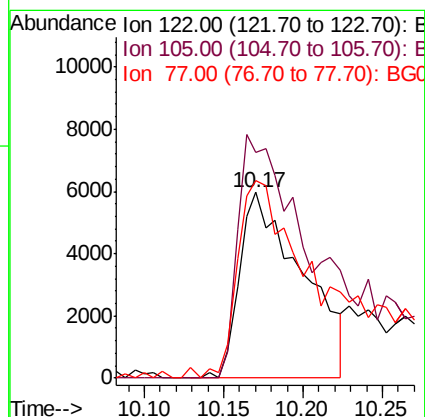
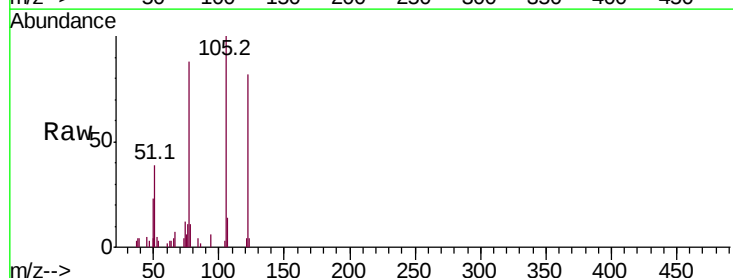
Instrument :
BNA_G
ClientSampleId :

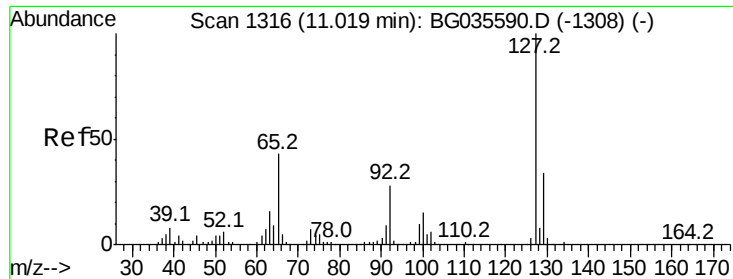
Tot Ion:128 Resp: 285705
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 11.6 17.4



#32
Benzoic acid
Concen: 11.681 ng
RT: 10.17 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:122 Resp: 16343
Ion Ratio Lower Upper
122 100
105 121.7 123.5 163.5#
77 106.6 85.7 125.7

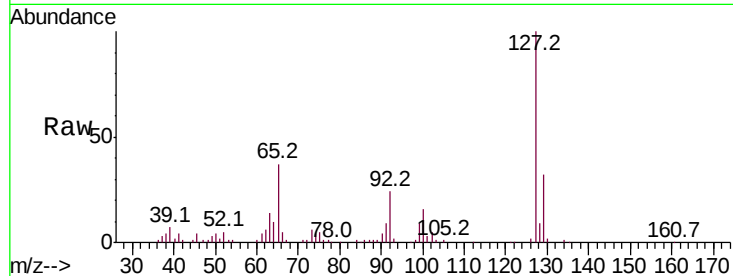




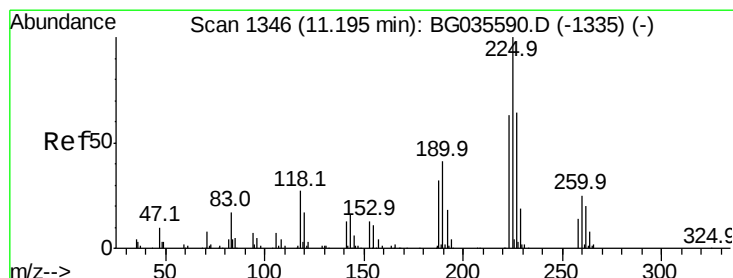
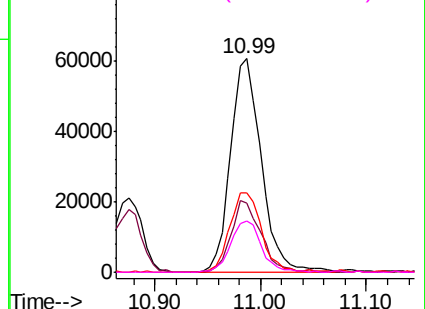
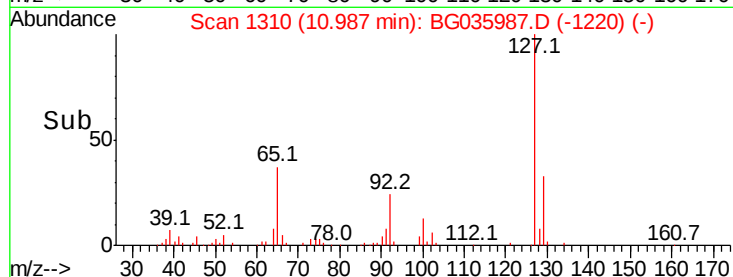
#33
4-Chloroaniline
Concen: 37.555 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	122444
Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.0	36.0
65	37.3	27.0	40.4
92	24.3	16.6	25.0

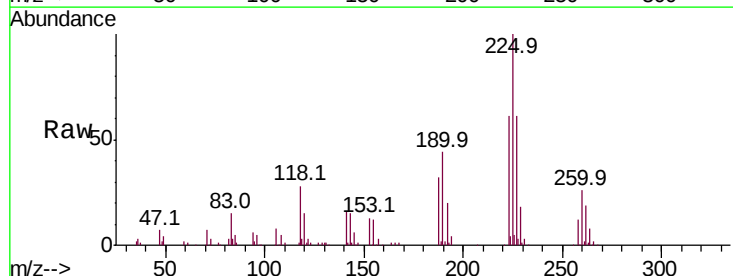


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

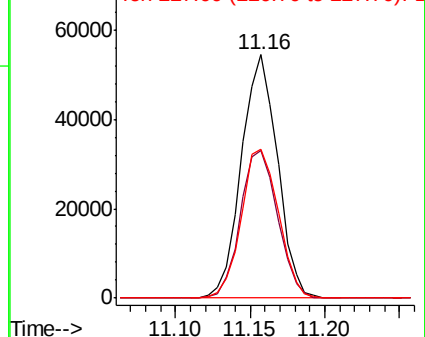
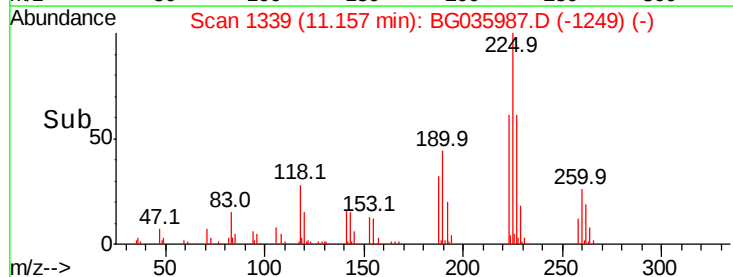


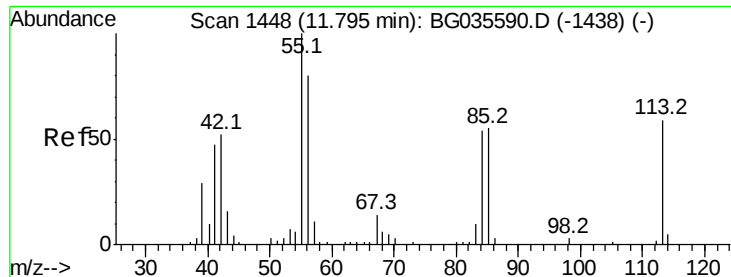
#34
Hexachlorobutadiene
Concen: 40.127 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:	225	Resp:	91030
Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.7	74.5
227	60.9	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

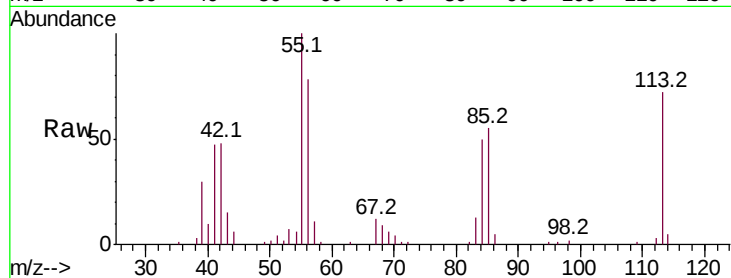




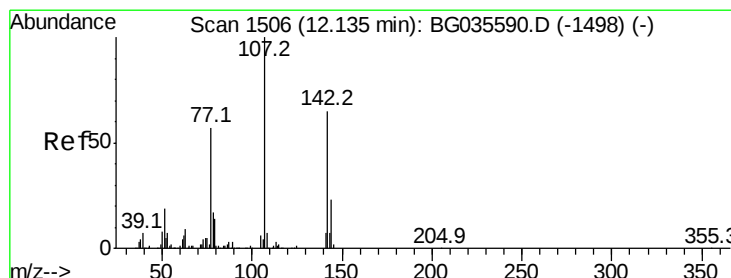
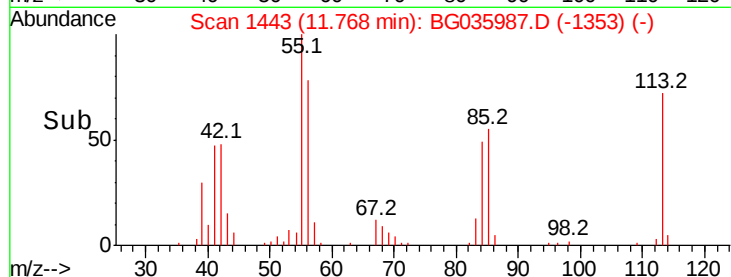
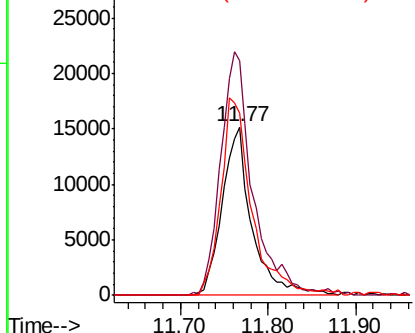
#35
 Caprolactam
 Concen: 34.779 ng
 RT: 11.77 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 35410
 Ion Ratio Lower Upper
 113 100
 55 139.1 186.9 226.9#
 56 108.4 130.9 170.9#

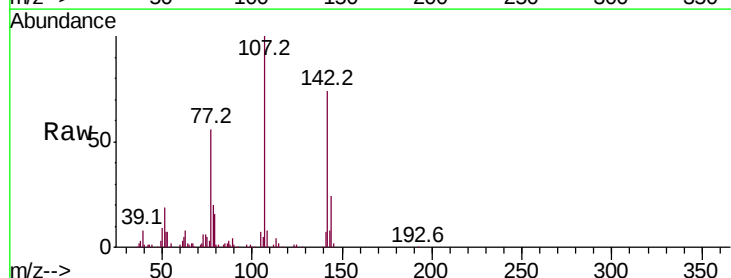


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

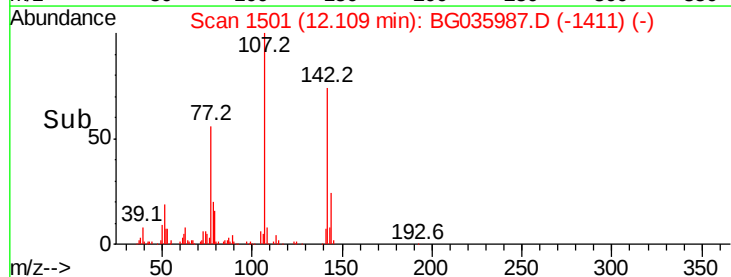
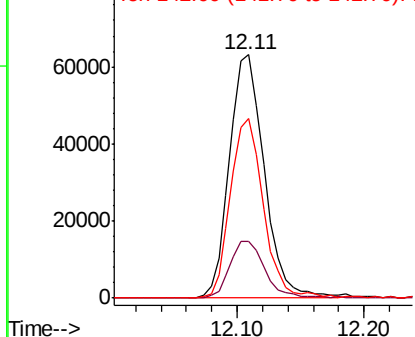


#36
 4-Chloro-3-methylphenol
 Concen: 37.828 ng
 RT: 12.11 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion:107 Resp: 120298
 Ion Ratio Lower Upper
 107 100
 144 23.5 18.2 27.4
 142 73.6 59.0 88.4



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

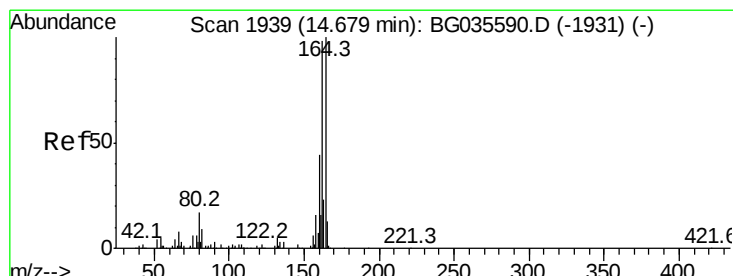
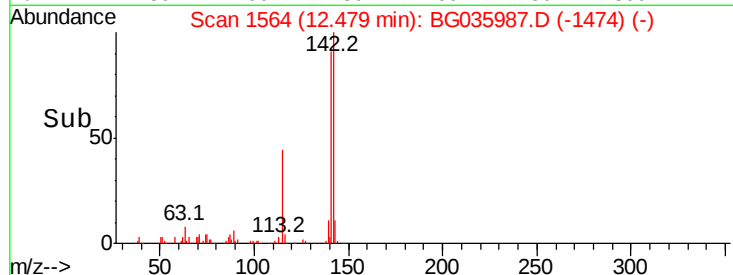
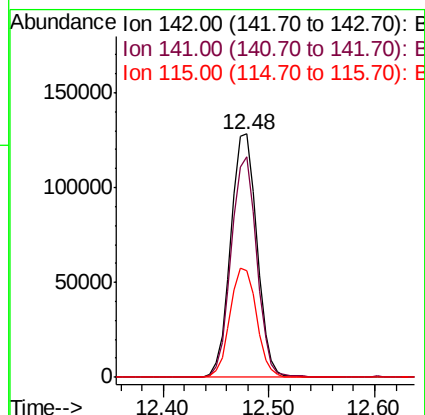
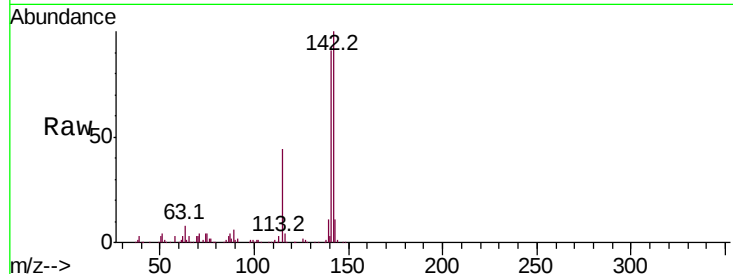




#37
2-Methylnaphthalene
Concen: 39.608 ng
RT: 12.48 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

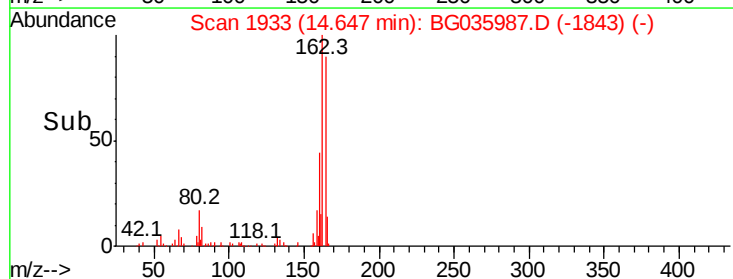
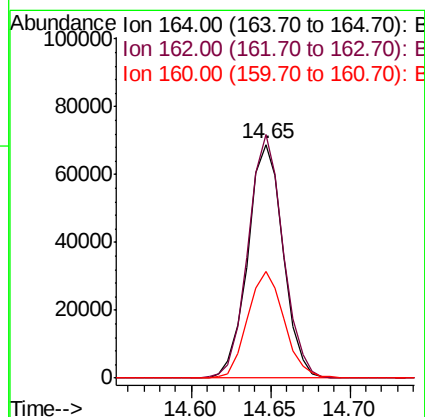
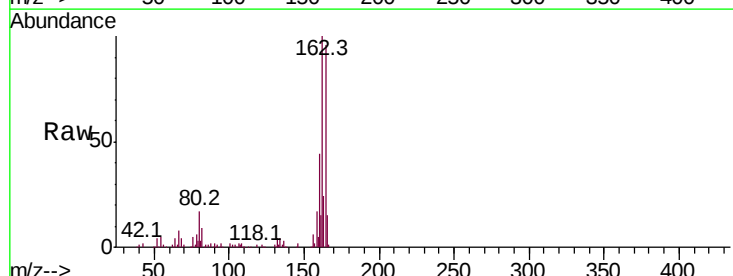
Instrument :
BNA_G
ClientSampleId :

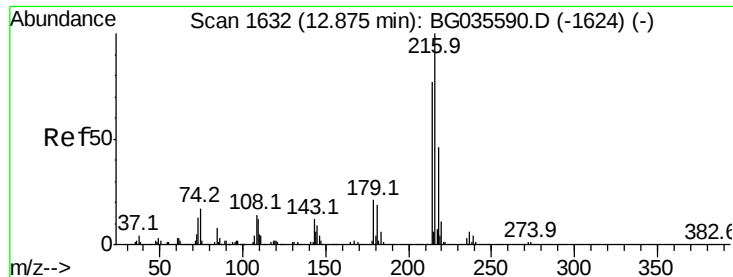
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	67.1	100.7
115	43.7	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.2	78.8	118.2
160	45.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.876 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 151948

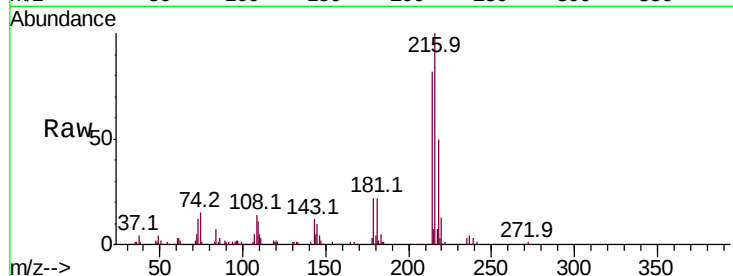
Ion Ratio Lower Upper

216 100

214 81.8 63.0 94.4

179 20.7 17.0 25.6

108 15.2 12.8 19.2



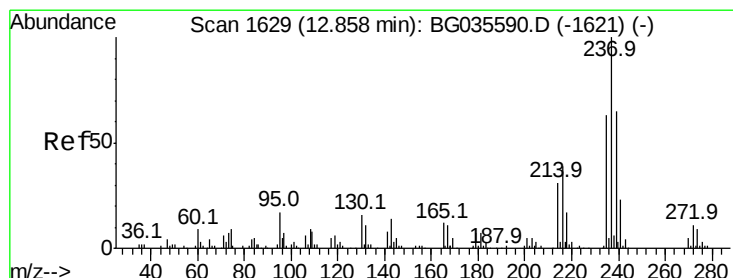
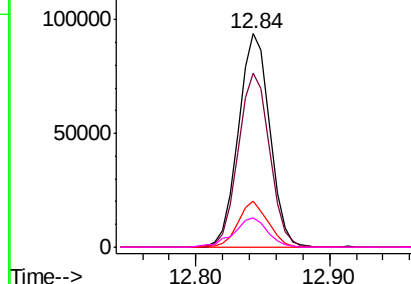
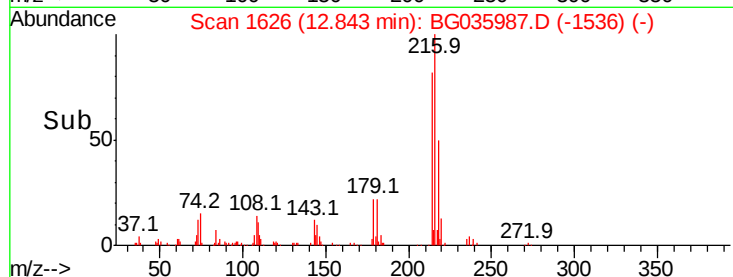
Abundance

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: 33.179 ng

RT: 12.82 min Scan# 1622

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

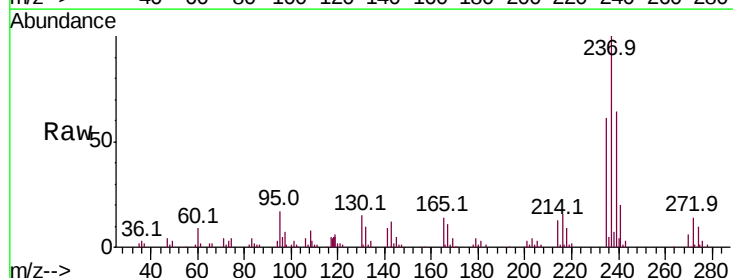
Tgt Ion:237 Resp: 69806

Ion Ratio Lower Upper

237 100

235 61.0 50.4 90.4

272 13.9 0.0 31.8

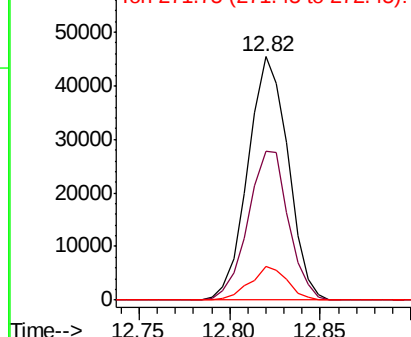
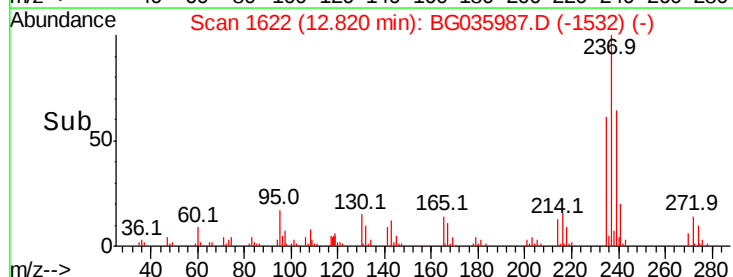


Abundance

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

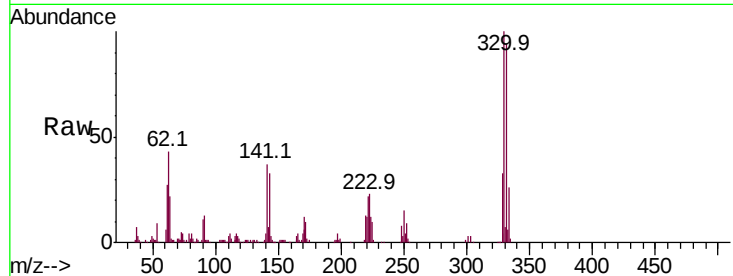




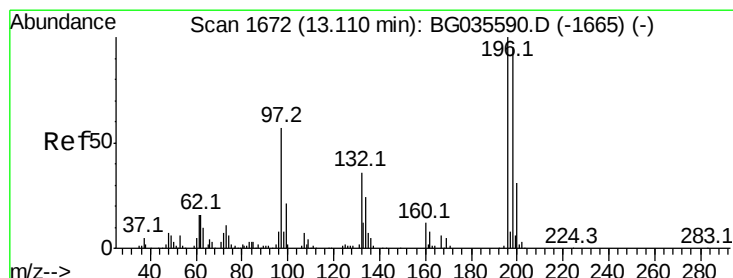
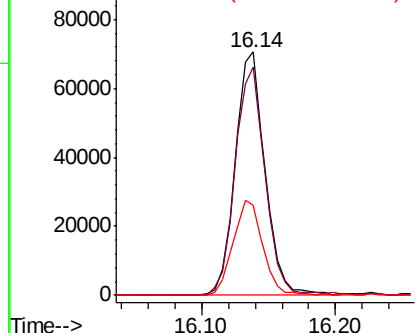
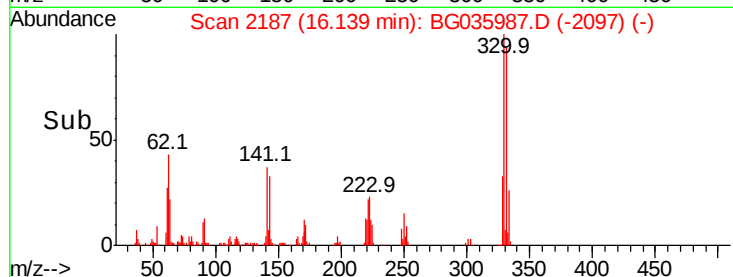
#41
 2,4,6-Tribromophenol
 Concen: 78.019 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	39.2	25.2	37.8#

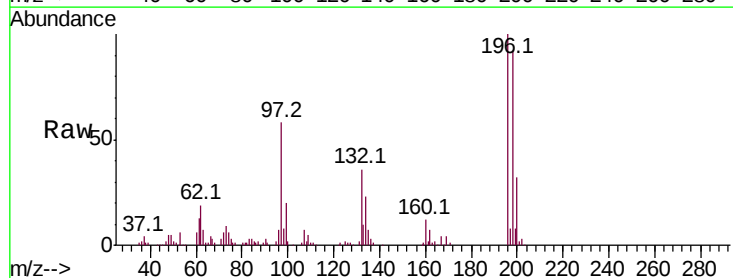


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

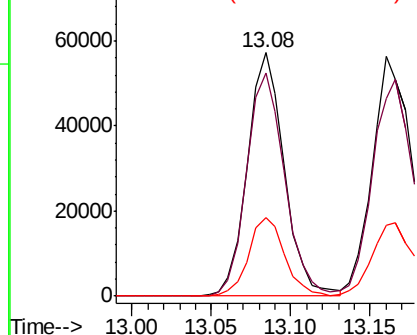
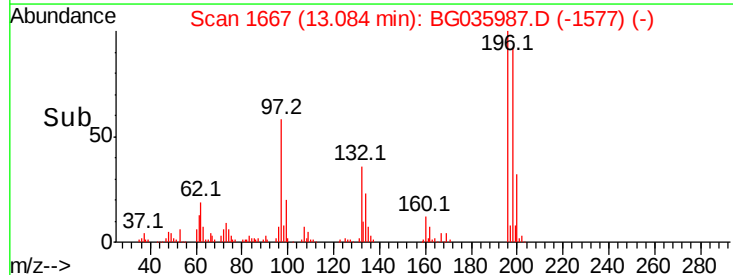


#42
 2,4,6-Trichlorophenol
 Concen: 39.414 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.6	78.2	117.2
200	32.2	24.6	36.8



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

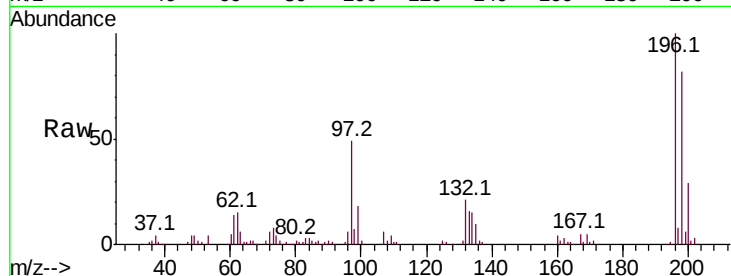




#43
 2,4,5-Trichlorophenol
 Concen: 39.290 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	196	Resp:	103116
Ion	Ratio	Lower	Upper
196	100		
198	82.3	76.2	114.4
97	48.6	38.7	58.1
132	21.1	20.2	30.2



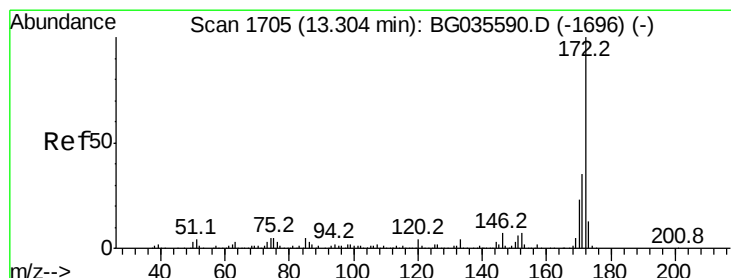
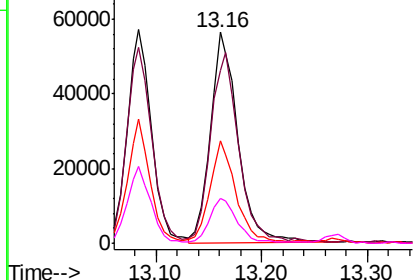
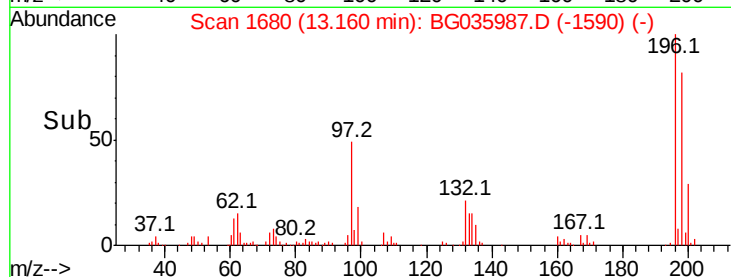
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

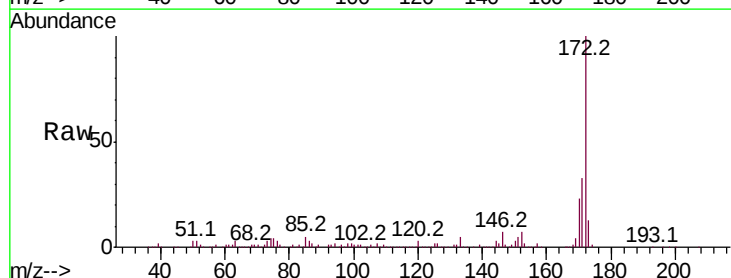
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.751 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion:	172	Resp:	608899
Ion	Ratio	Lower	Upper
172	100		
171	33.4	30.0	45.0
170	23.1	19.5	29.3

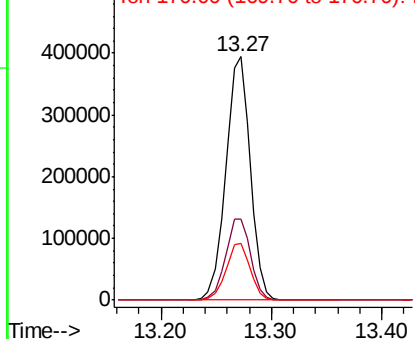
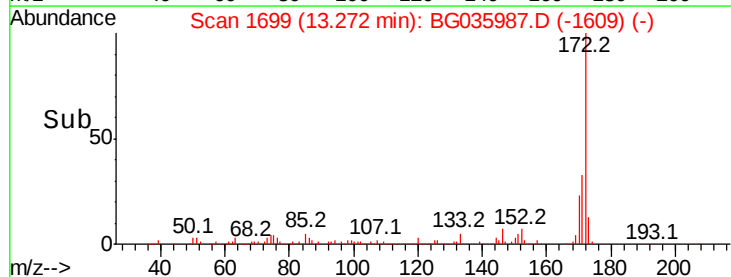


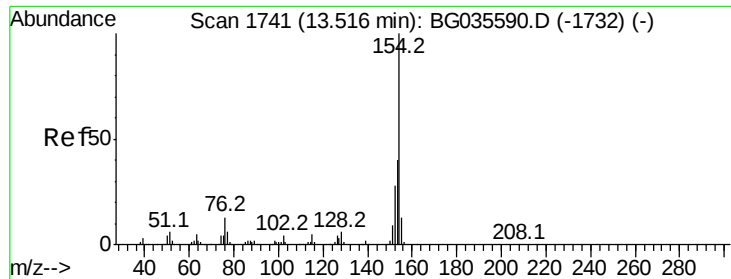
Abundance

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

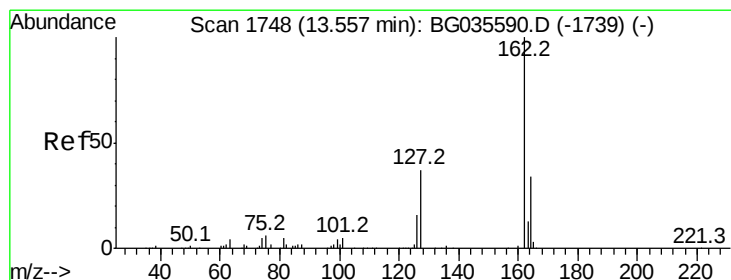
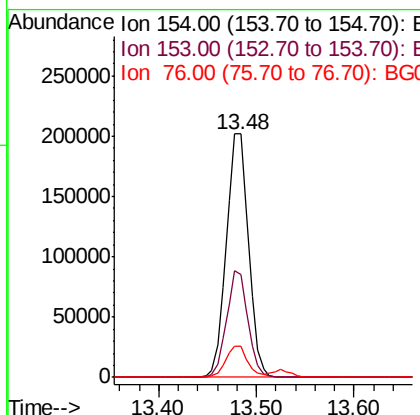
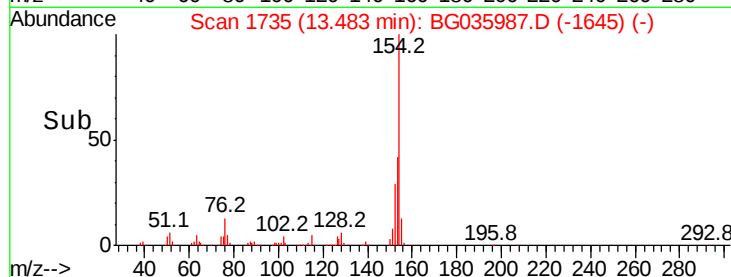
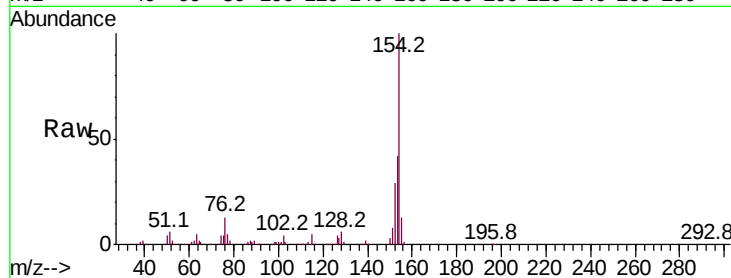




#45
 1,1'-Biphenyl
 Concen: 38.529 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

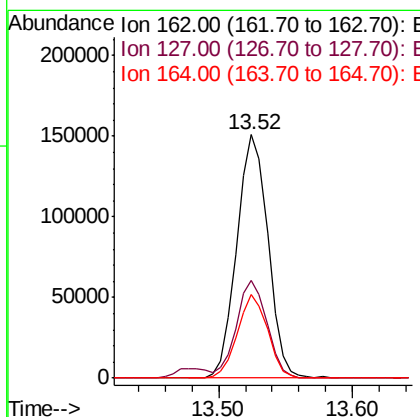
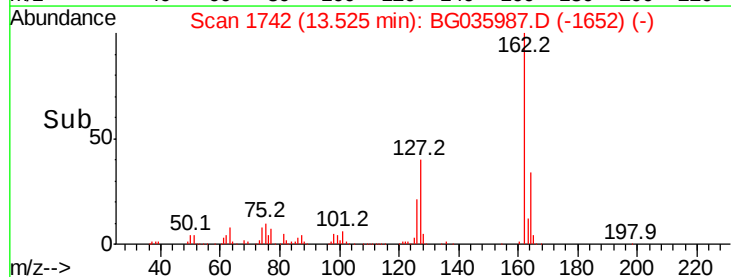
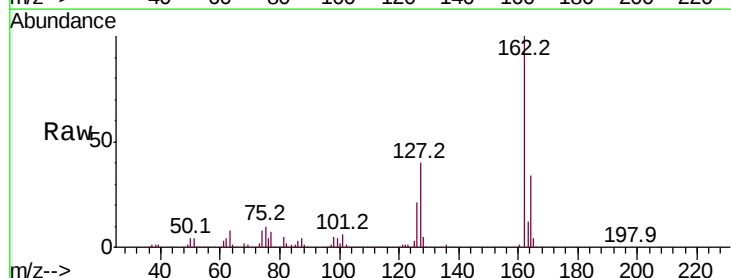
Instrument :
 BNA_G
 ClientSampled :

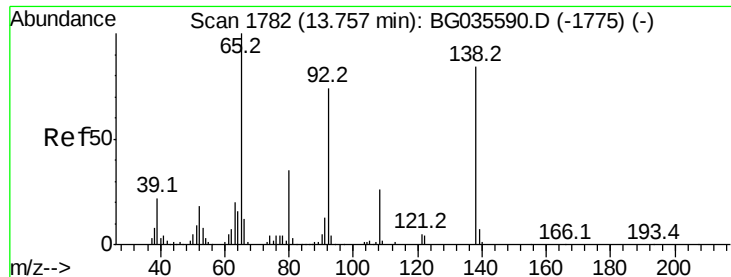
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	13.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.037 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.0	30.7	46.1
164	34.2	26.0	39.0





#47

2-Nitroaniline

Concen: 36.787 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

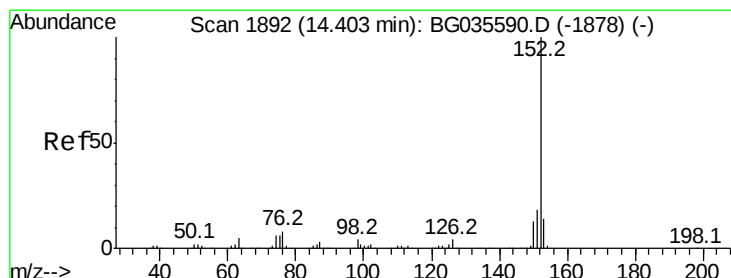
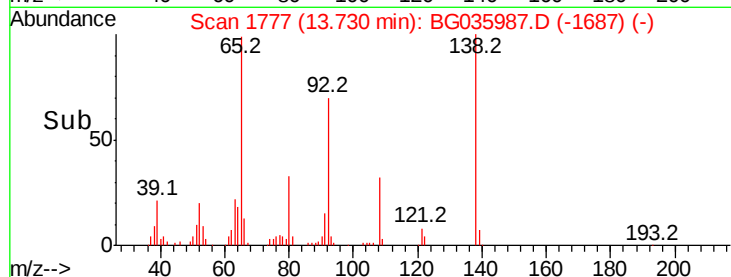
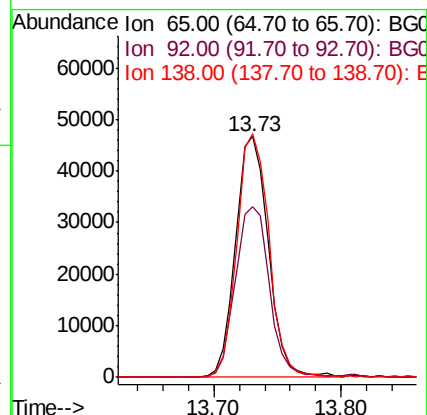
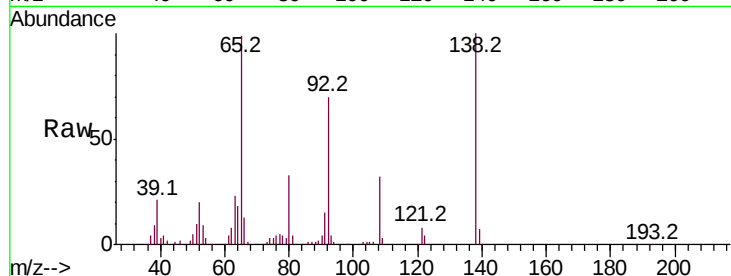
Tot Ion: 65 Resp: 83361

Ion Ratio Lower Upper

65 100

92 71.0 54.6 82.0

138 101.0 72.9 109.3



#48

Acenaphthylene

Concen: 38.569 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

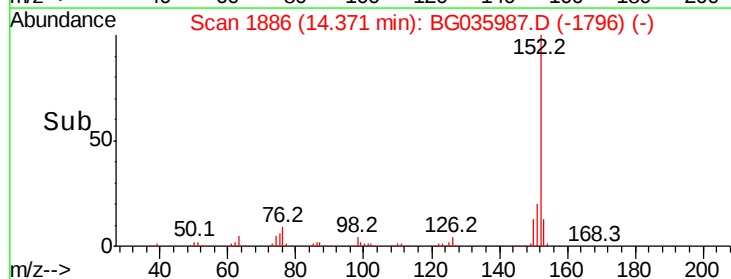
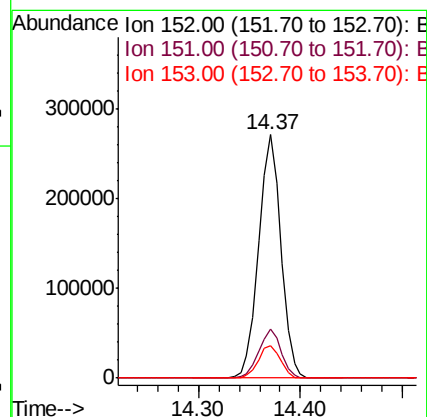
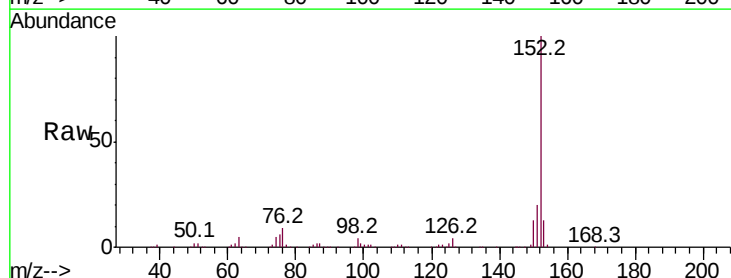
Tgt Ion: 152 Resp: 414117

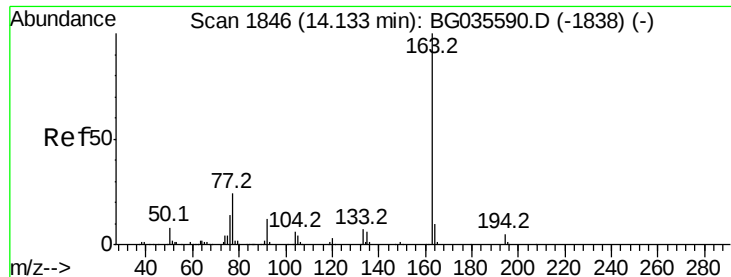
Ion Ratio Lower Upper

152 100

151 20.1 17.2 25.8

153 13.2 10.2 15.4

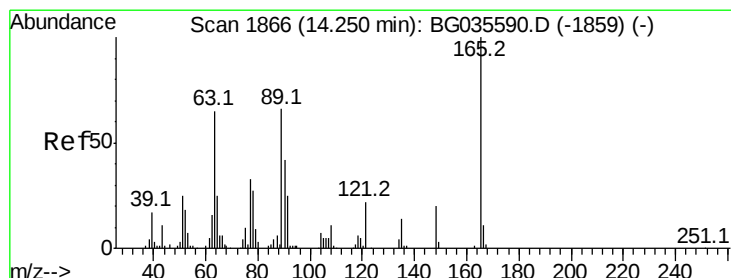
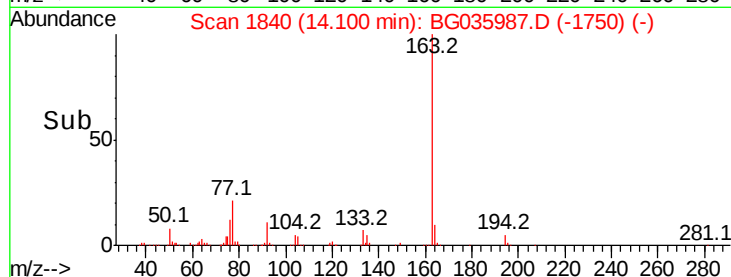
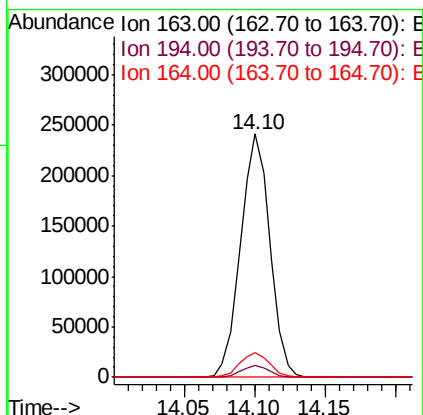
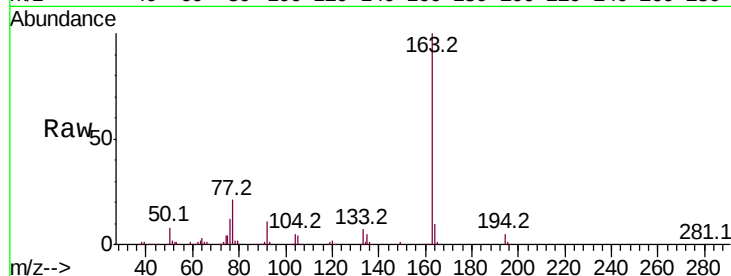




#49
Dimethylphthalate
Concen: 37.578 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

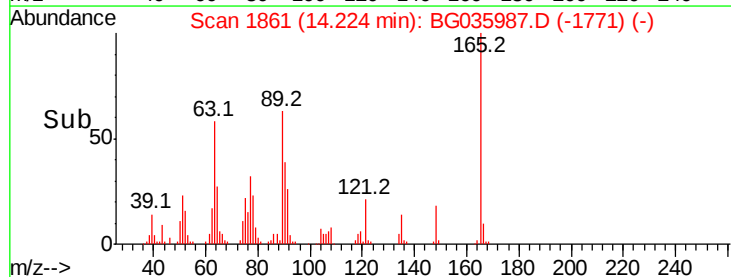
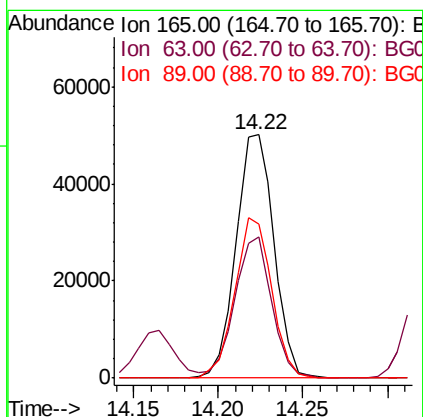
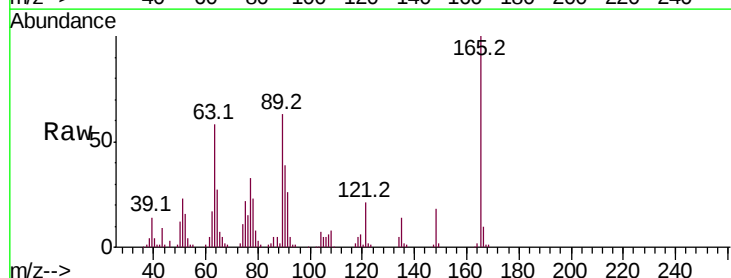
Instrument :
BNA_G
ClientSampleId :

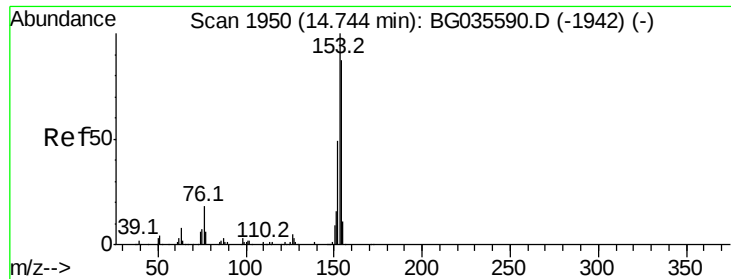
Tot Ion:163 Resp: 349938
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.0 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 41.219 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:165 Resp: 78166
Ion Ratio Lower Upper
165 100
63 58.2 52.7 79.1
89 63.0 49.2 73.8





#51

Acenaphthene

Concen: 38.548 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampled :

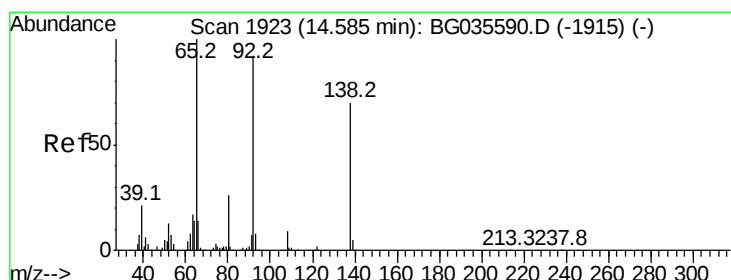
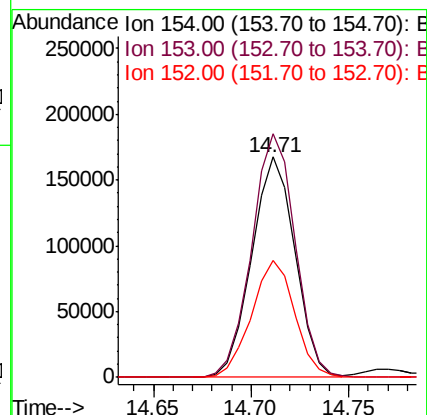
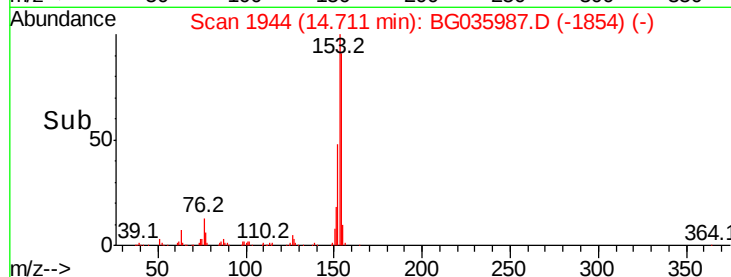
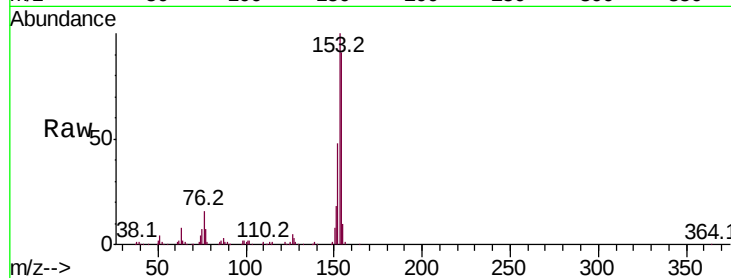
Tot Ion:154 Resp: 257832

Ion Ratio Lower Upper

154 100

153 110.4 90.4 135.6

152 52.8 41.6 62.4



#52

3-Nitroaniline

Concen: 37.651 ng

RT: 14.55 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

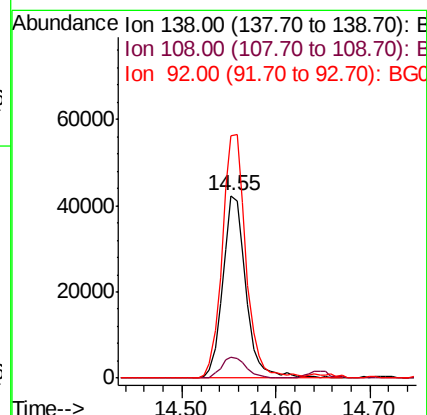
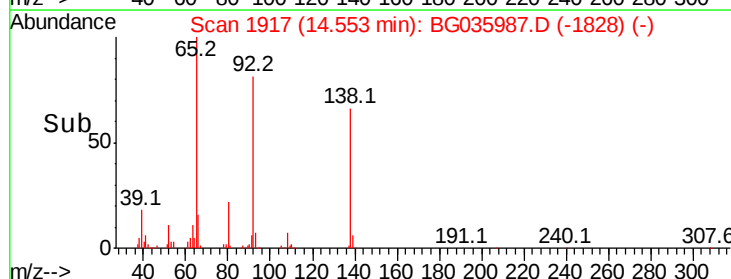
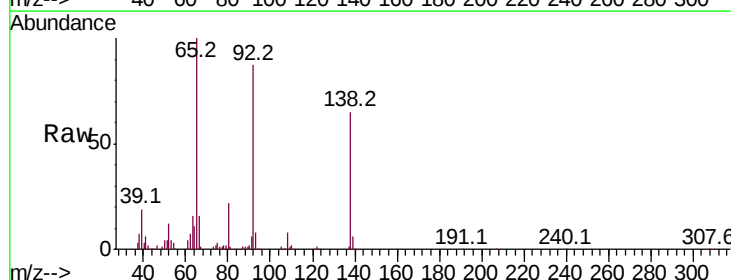
Tgt Ion:138 Resp: 72975

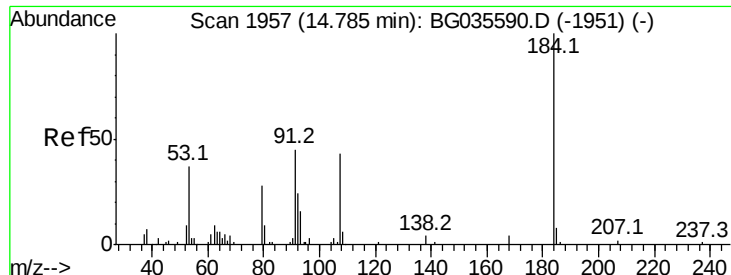
Ion Ratio Lower Upper

138 100

108 11.7 17.5 26.3#

92 132.9 105.8 158.8

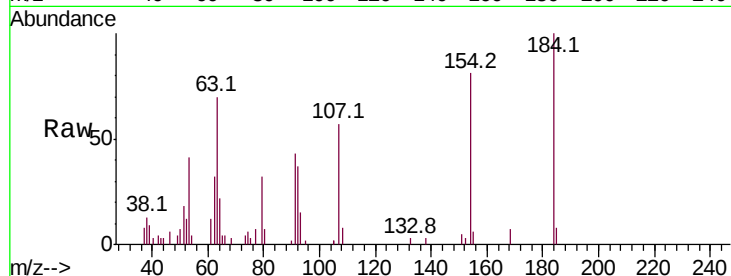




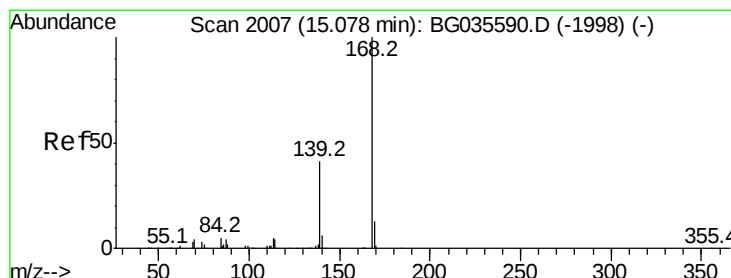
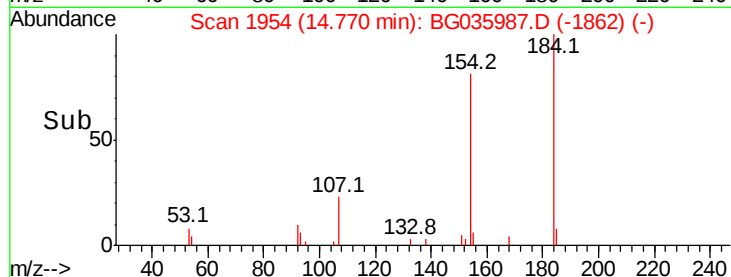
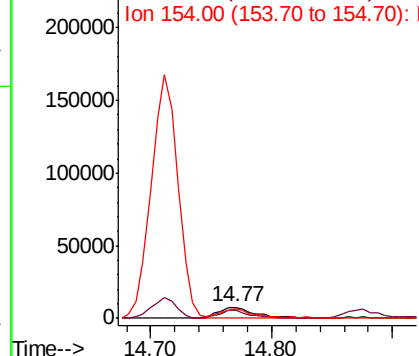
#53
2,4-Dinitrophenol
Concen: 22.723 ng
RT: 14.77 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 17151
Ion Ratio Lower Upper
184 100
63 70.4 59.8 89.8
154 81.1 101.8 152.8#

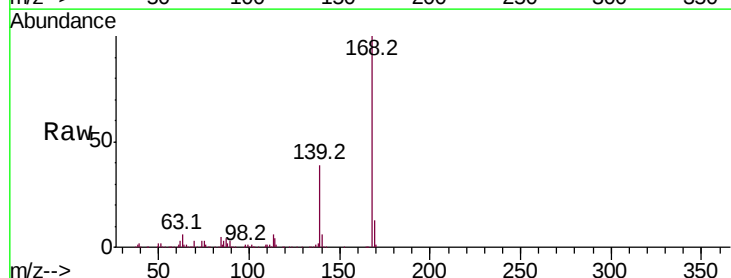


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

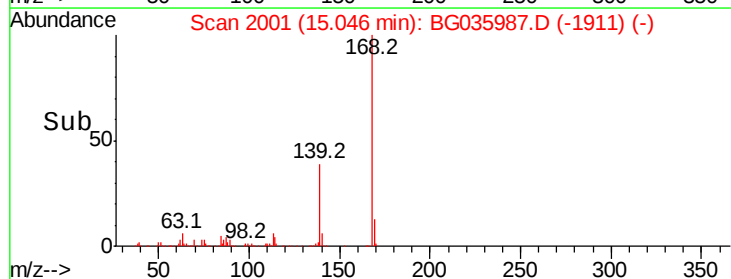
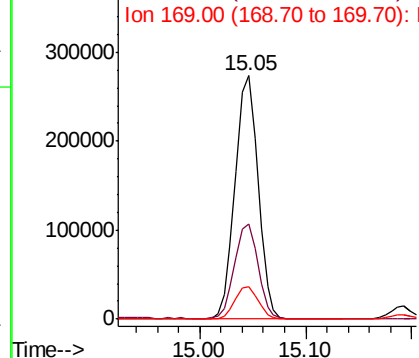


#54
Dibenzofuran
Concen: 38.727 ng
RT: 15.05 min Scan# 2001
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:168 Resp: 411951
Ion Ratio Lower Upper
168 100
139 39.0 28.6 43.0
169 13.1 11.2 16.8



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

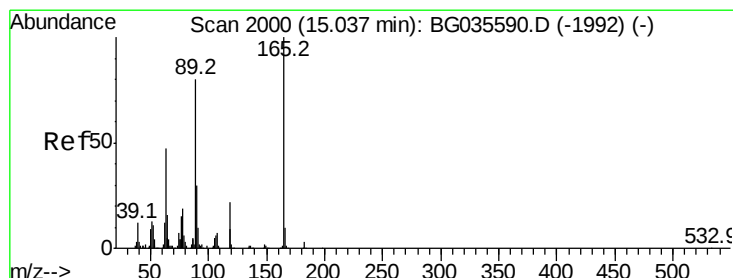
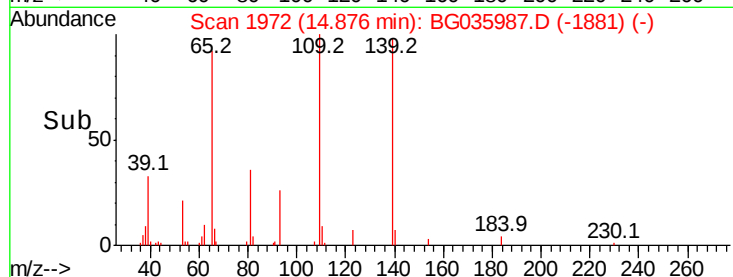
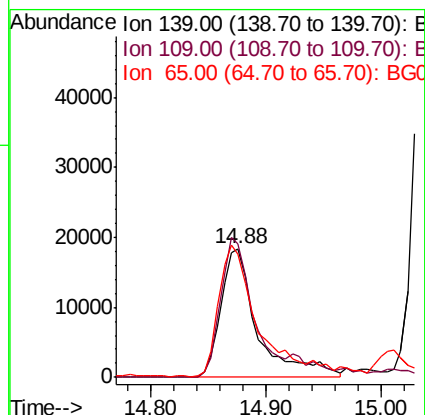
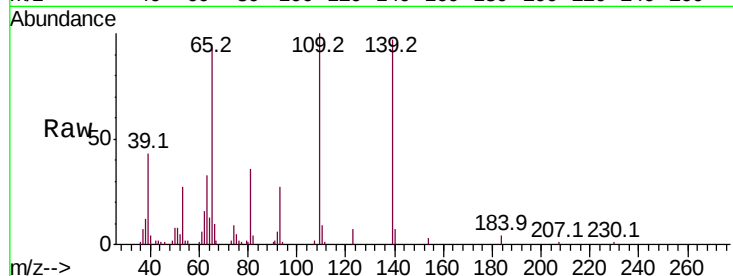




#55
4-Nitrophenol
Concen: 29.407 ng
RT: 14.88 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

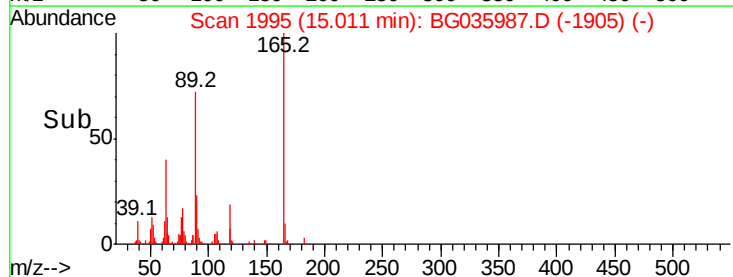
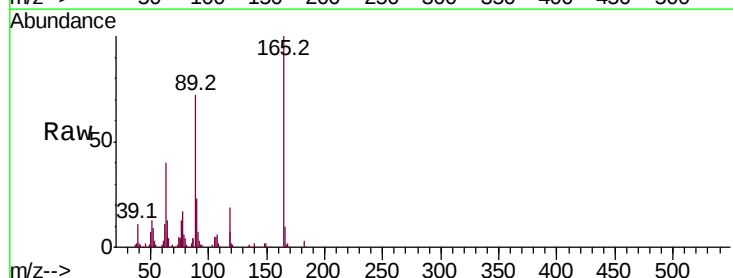
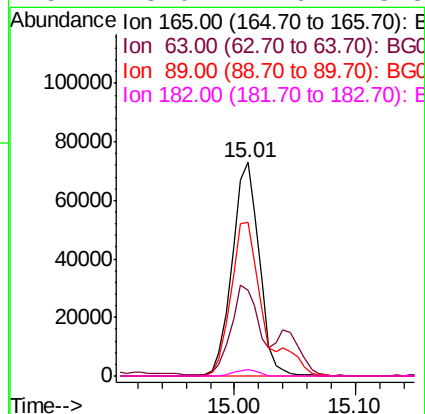
Instrument :
BNA_G
ClientSampleId :

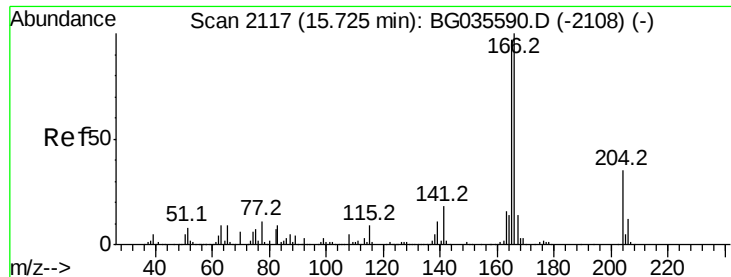
Tot Ion:139 Resp: 40591
Ion Ratio Lower Upper
139 100
109 103.4 62.2 102.2#
65 95.7 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.786 ng
RT: 15.01 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:165 Resp: 113682
Ion Ratio Lower Upper
165 100
63 40.0 42.0 63.0#
89 72.2 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 38.650 ng

RT: 15.69 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

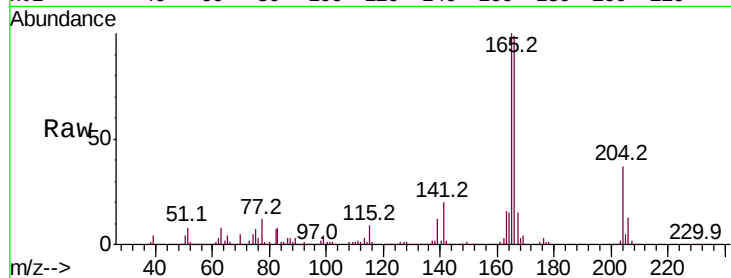
Tot Ion:166 Resp: 344584

Ion Ratio Lower Upper

166 100

165 101.3 80.6 121.0

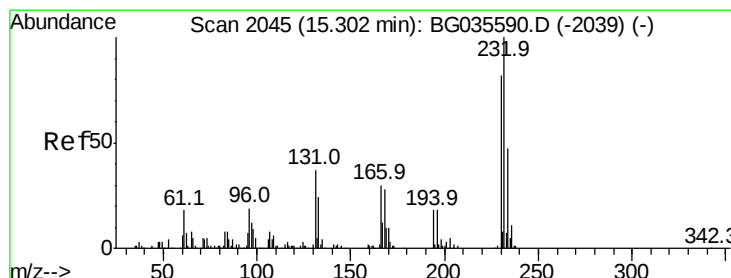
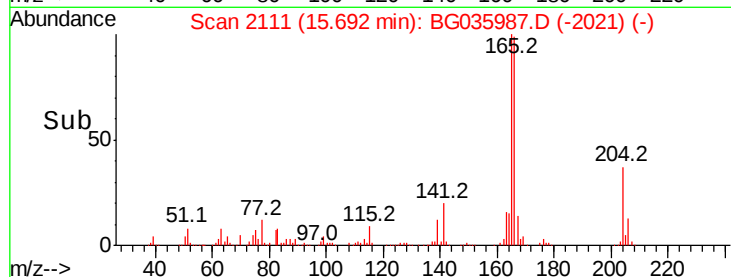
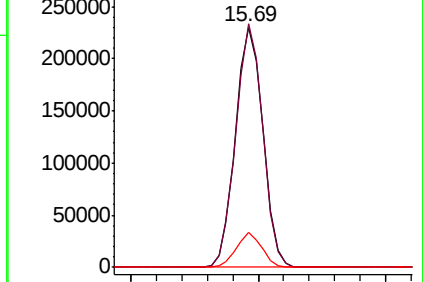
167 14.7 10.4 15.6



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: 37.303 ng

RT: 15.28 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Tgt Ion:232 Resp: 93867

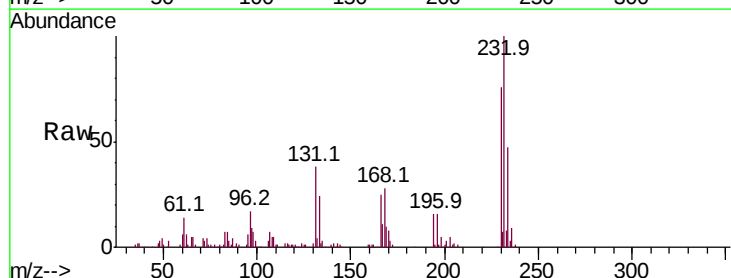
Ion Ratio Lower Upper

232 100

131 38.9 33.5 50.3

130 2.3 2.2 3.2

166 27.7 24.8 37.2

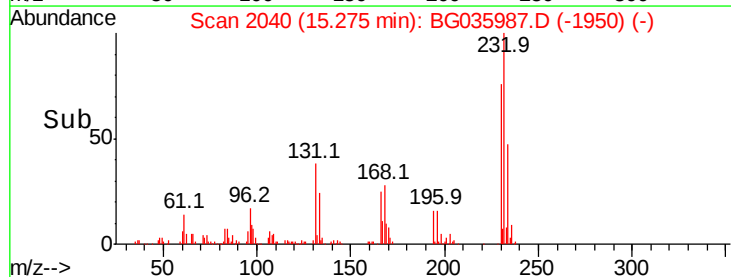
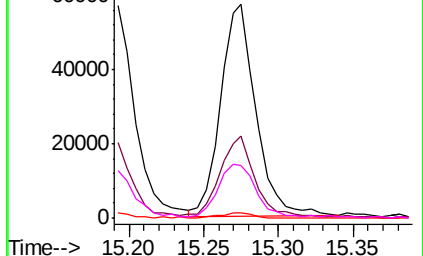


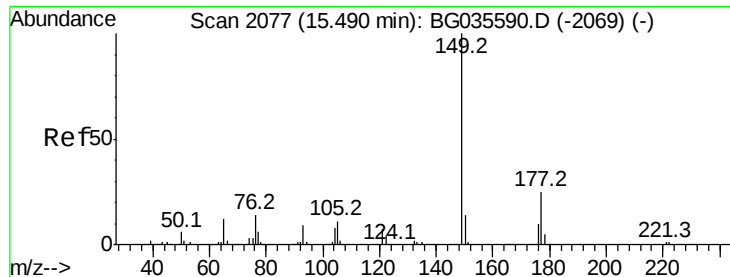
Abundance Ion 232.00 (231.70 to 232.70): E

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

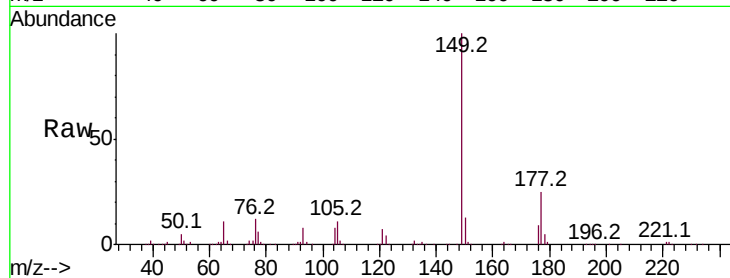




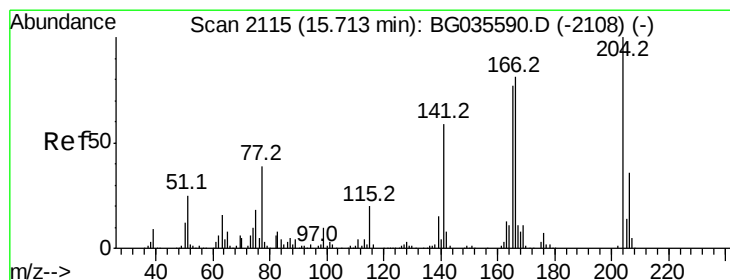
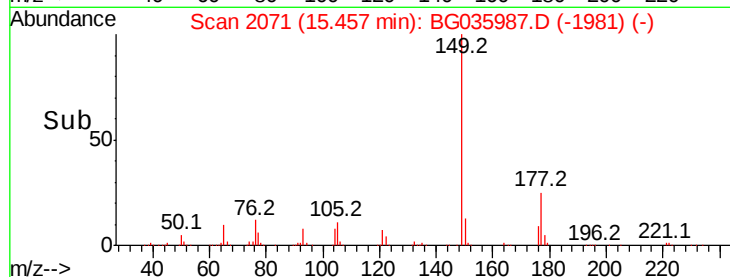
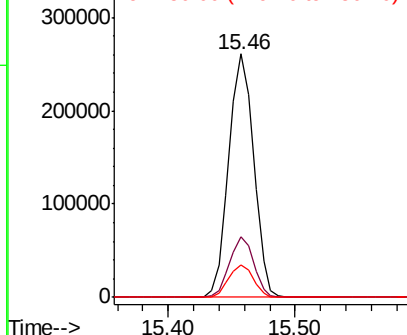
#59
Diethylphthalate
Concen: 36.998 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 354279
Ion Ratio Lower Upper
149 100
177 25.0 18.5 27.7
150 13.4 10.2 15.2

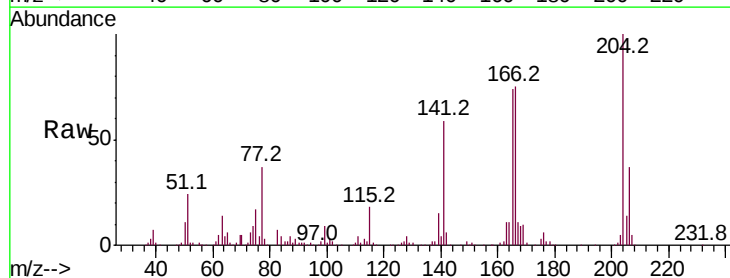


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

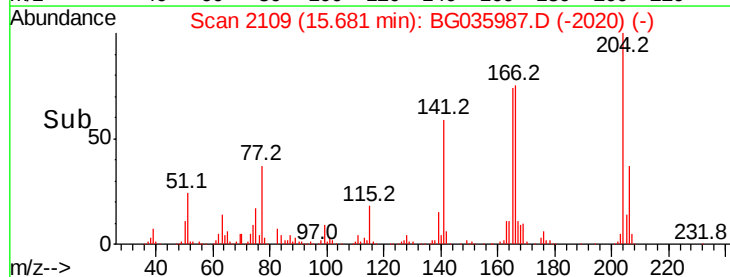
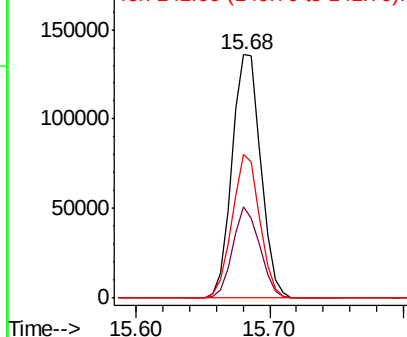


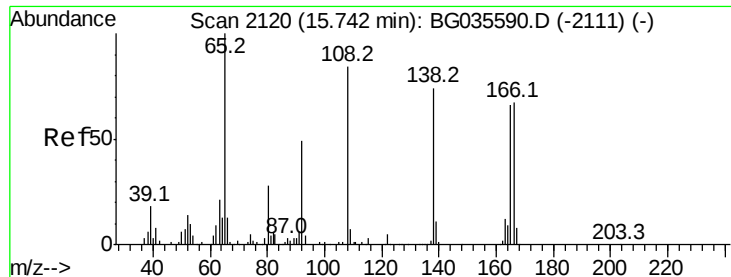
#60
4-Chlorophenyl-phenylether
Concen: 38.961 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:204 Resp: 204158
Ion Ratio Lower Upper
204 100
206 37.2 26.2 39.2
141 59.0 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

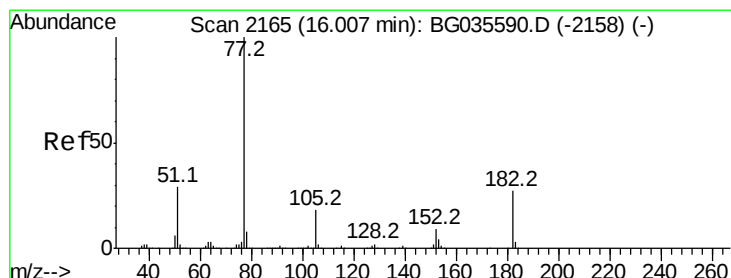
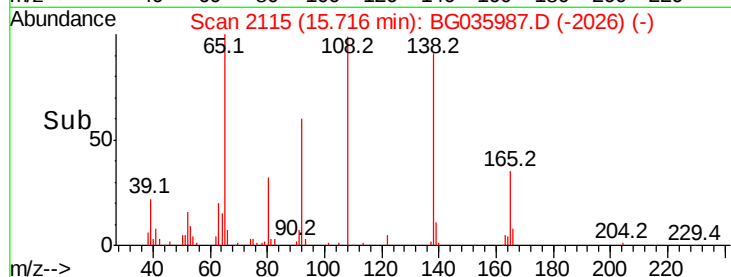
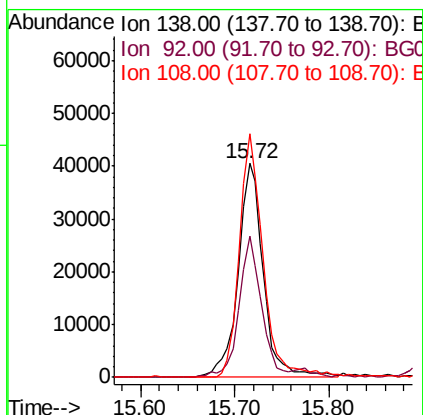
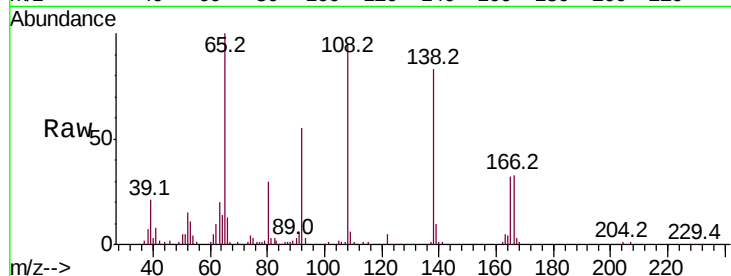




#61
4-Nitroaniline
Concen: 37.143 ng
RT: 15.72 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

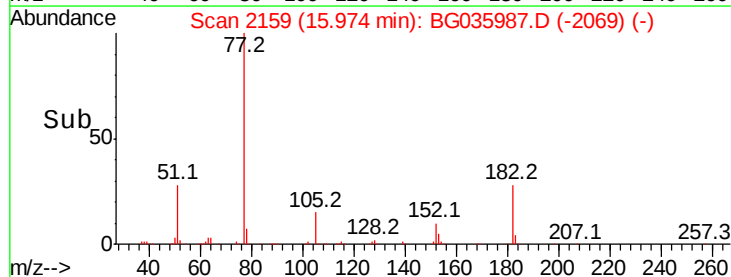
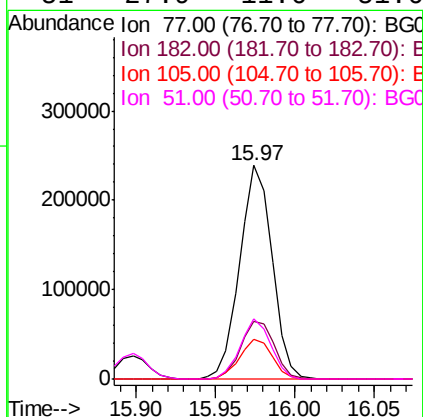
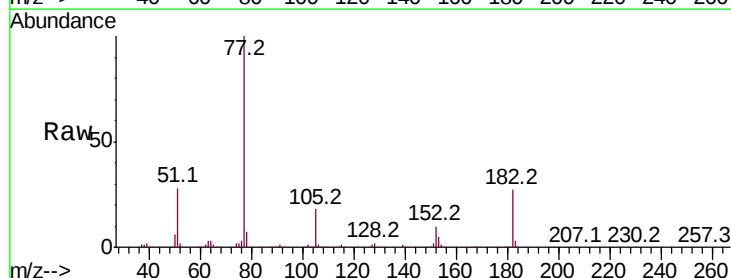
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 75306
Ion Ratio Lower Upper
138 100
92 66.3 40.1 80.1
108 113.9 65.4 105.4#



#62
Azobenzene
Concen: 35.805 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion: 77 Resp: 338187
Ion Ratio Lower Upper
77 100
182 26.9 7.4 47.4
105 18.4 0.3 40.3
51 27.9 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampled :

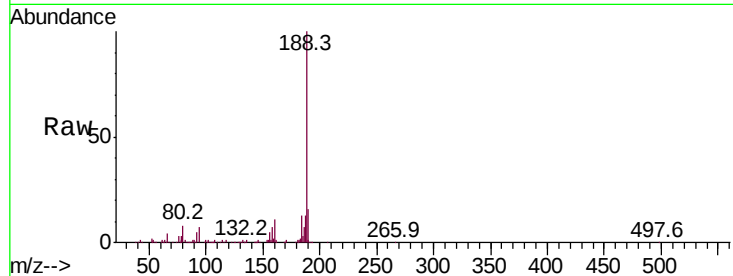
Tot Ion:188 Resp: 281763

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

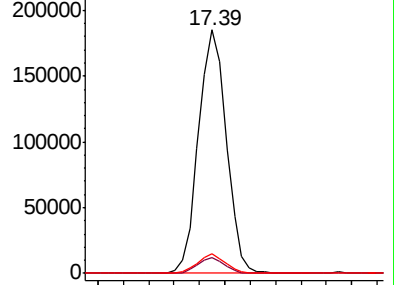
80 8.3 7.7 11.5



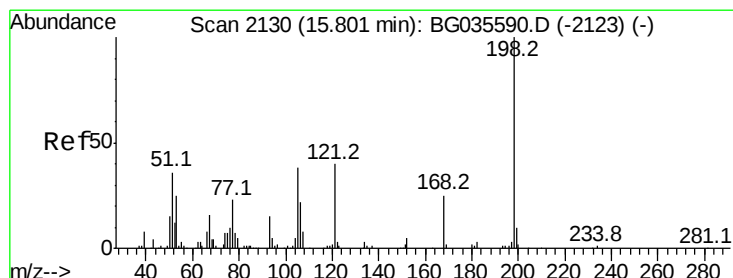
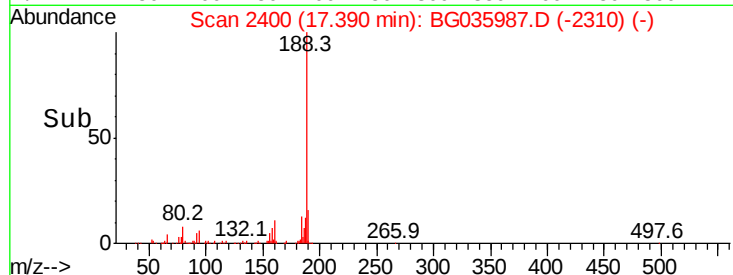
Abundance Ion 188.00 (187.70 to 188.70): E

250000 Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.30 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 36.944 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

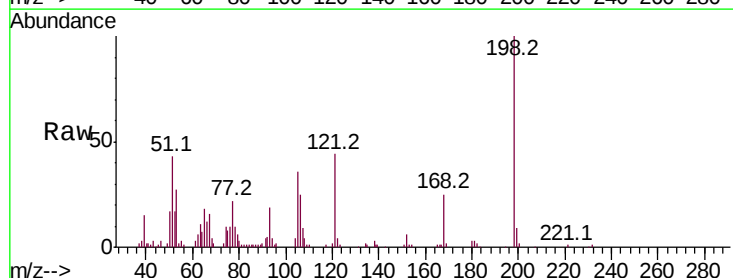
Tgt Ion:198 Resp: 57945

Ion Ratio Lower Upper

198 100

51 42.5 30.6 70.6

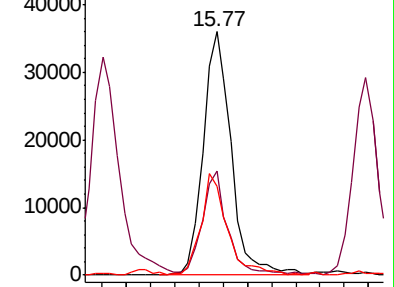
105 36.4 23.8 63.8



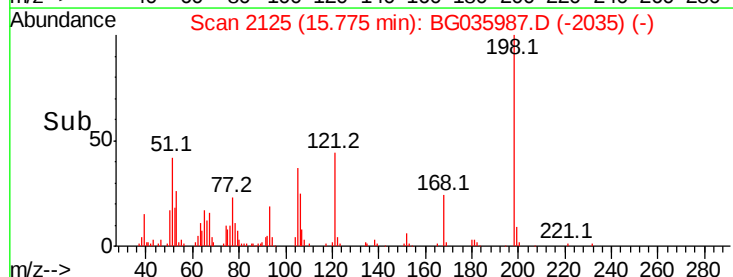
Abundance Ion 198.00 (197.70 to 198.70): E

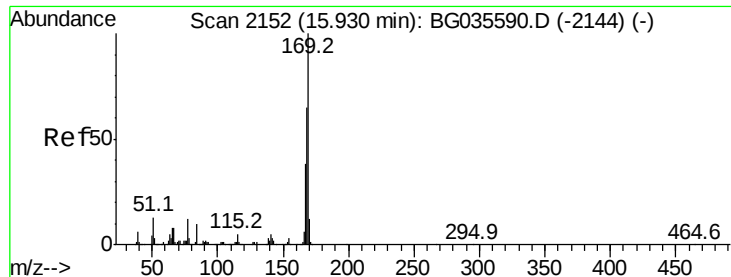
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.80





#65

n-Nitrosodiphenylamine

Concen: 39.242 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampled :

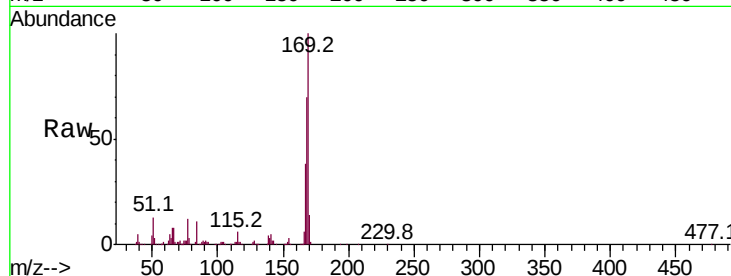
Tot Ion:169 Resp: 314725

Ion Ratio Lower Upper

169 100

168 69.6 55.7 83.5

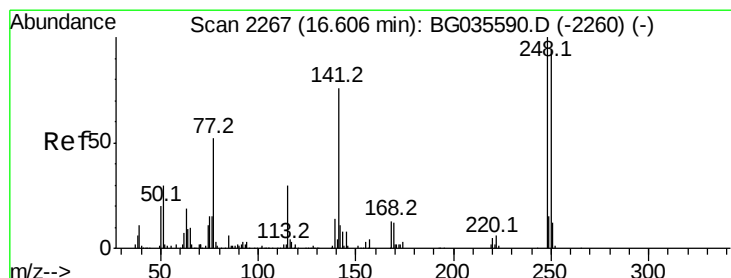
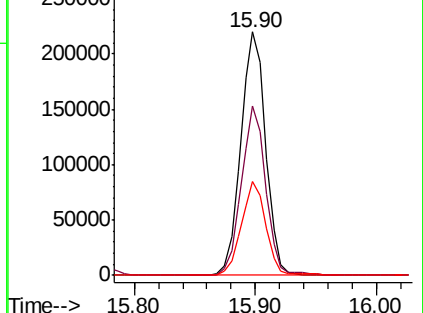
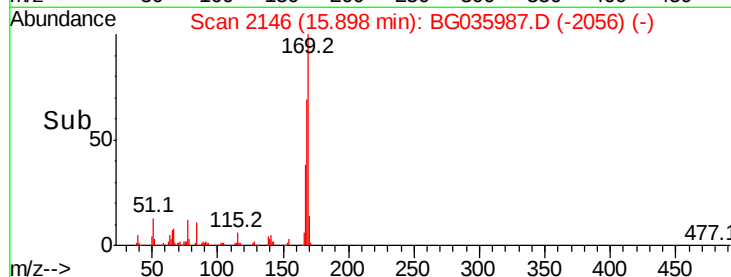
167 38.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.127 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

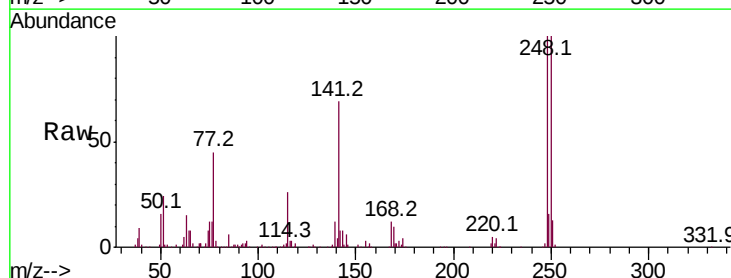
Tgt Ion:248 Resp: 134442

Ion Ratio Lower Upper

248 100

250 100.2 77.1 115.7

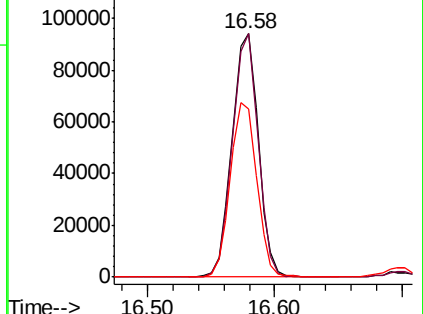
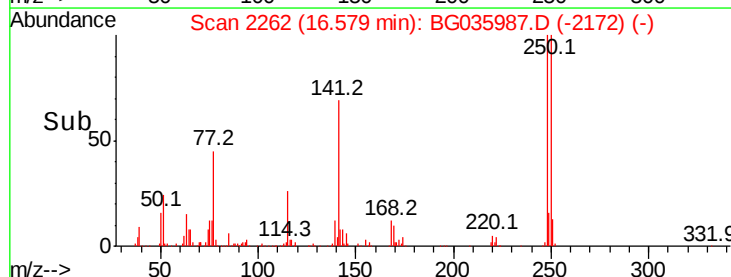
141 69.2 50.8 76.2

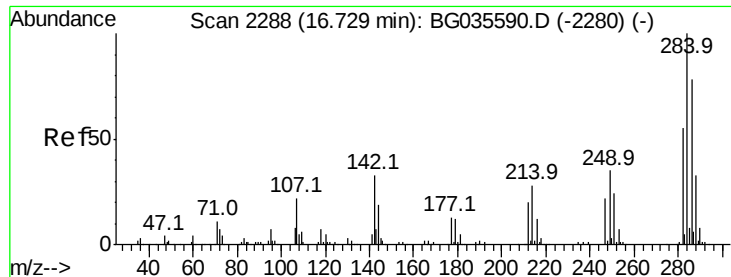


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.090 ng

RT: 16.70 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

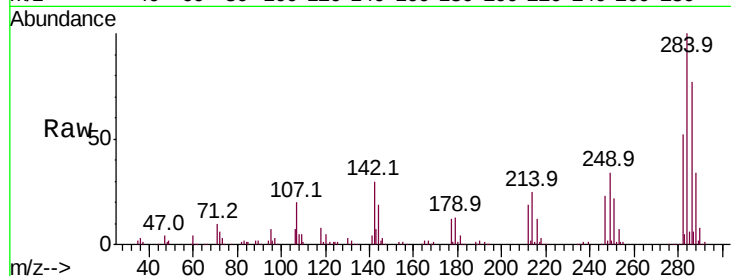
Tot Ion:284 Resp: 138323

Ion Ratio Lower Upper

284 100

142 30.3 26.8 40.2

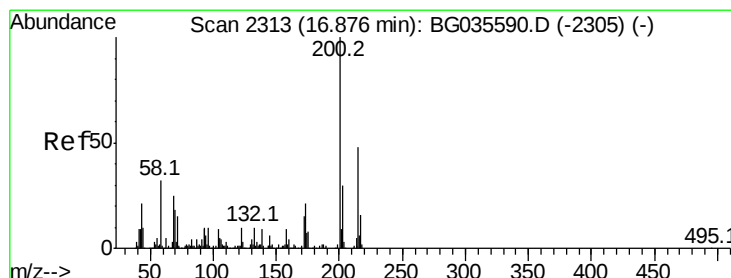
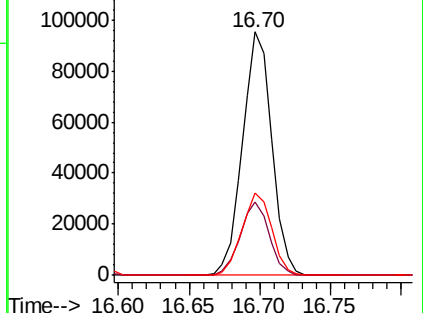
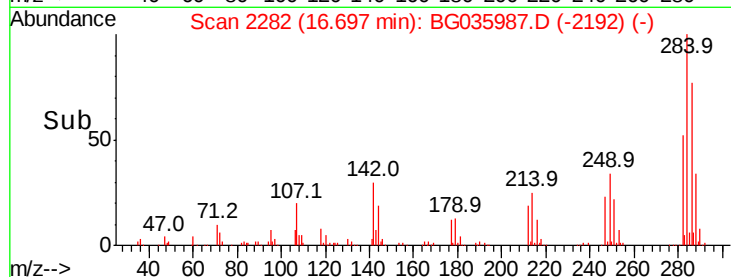
249 33.7 26.3 39.5



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: 35.424 ng

RT: 16.84 min Scan# 2307

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

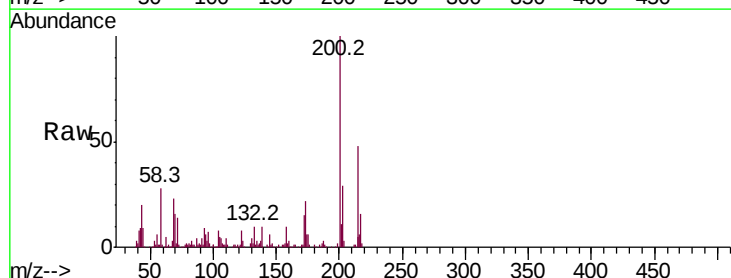
Tgt Ion:200 Resp: 116972

Ion Ratio Lower Upper

200 100

173 21.6 5.2 45.2

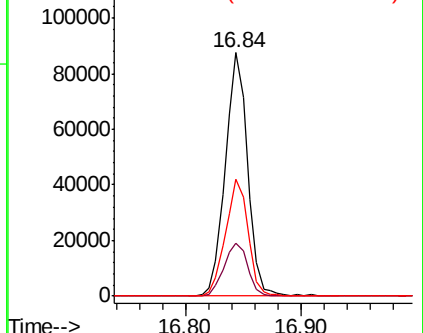
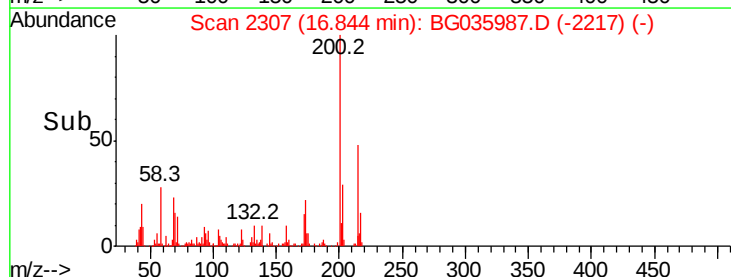
215 48.1 30.4 70.4

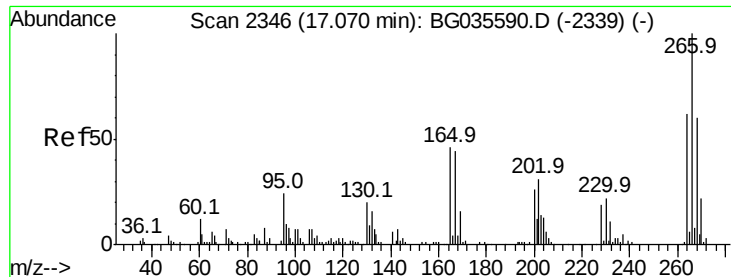


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 28.548 ng

RT: 17.04 min Scan# 2341

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampled :

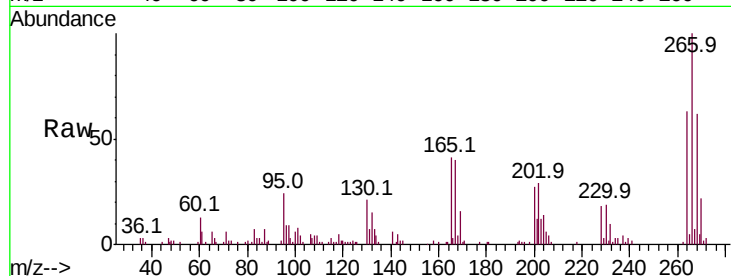
Tot Ion:266 Resp: 58537

Ion Ratio Lower Upper

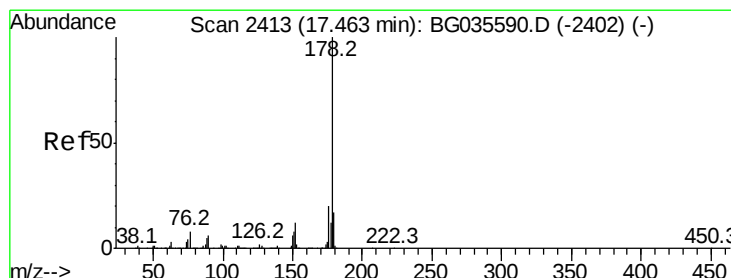
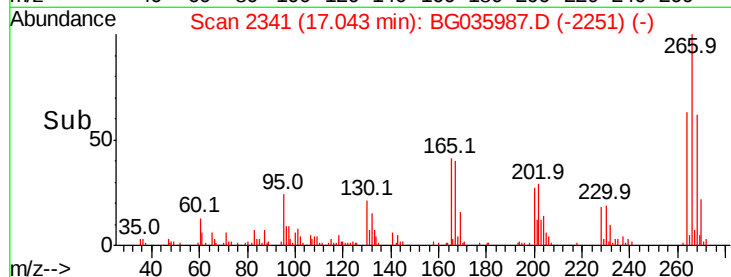
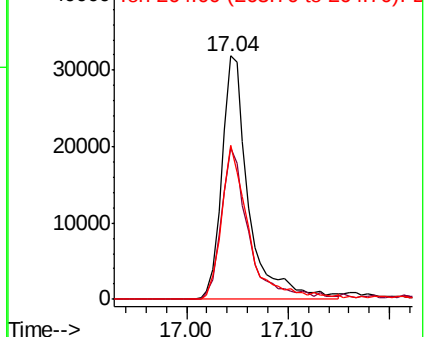
266 100

268 62.4 51.1 76.7

264 63.4 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: 38.637 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

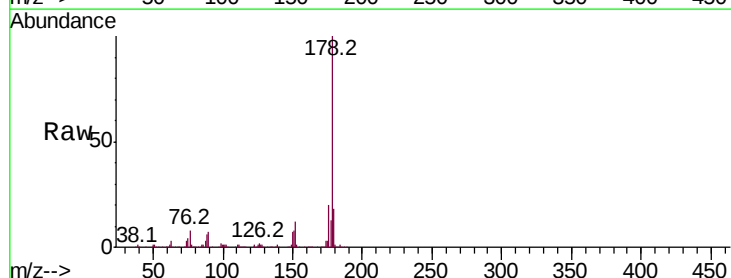
Tgt Ion:178 Resp: 543223

Ion Ratio Lower Upper

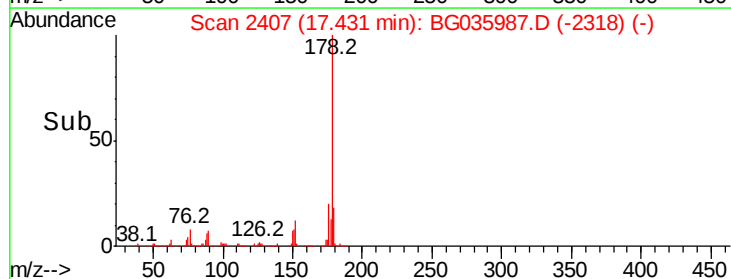
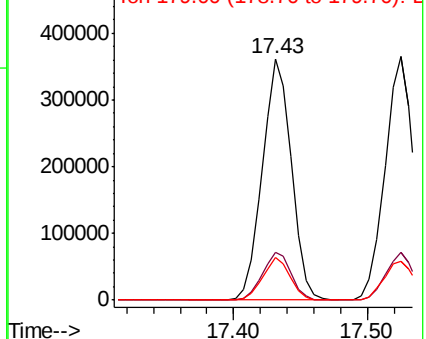
178 100

176 19.9 15.7 23.5

179 17.6 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

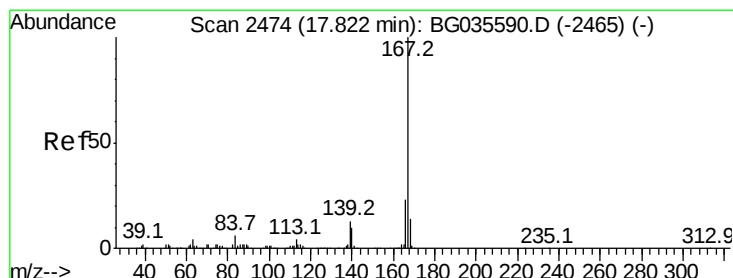
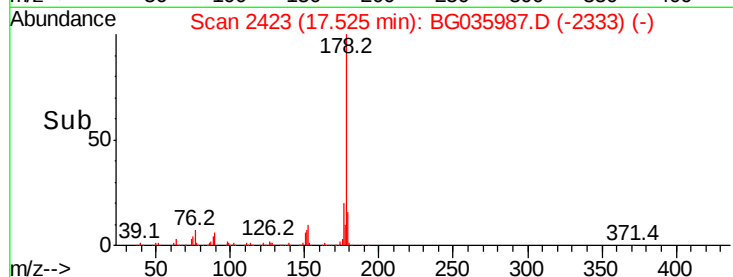
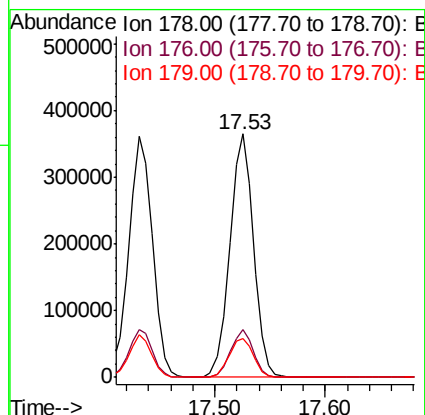
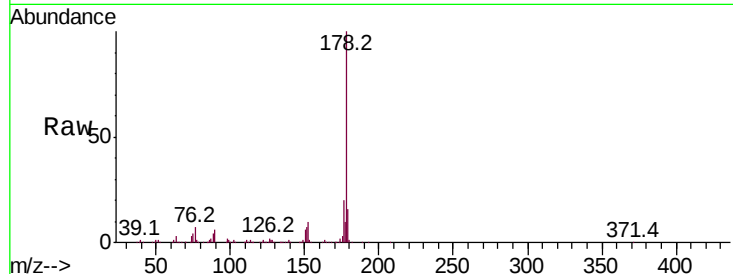




#71
 Anthracene
 Concen: 38.982 ng
 RT: 17.53 min Scan# 2423
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

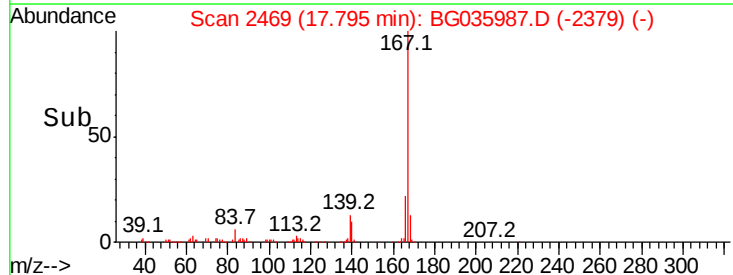
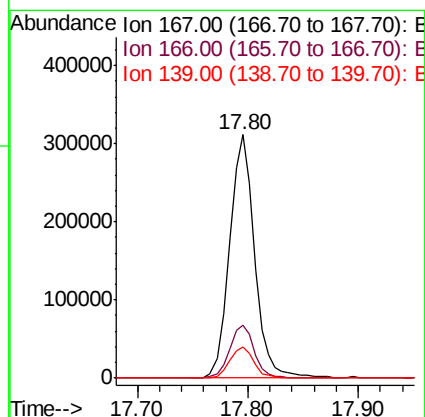
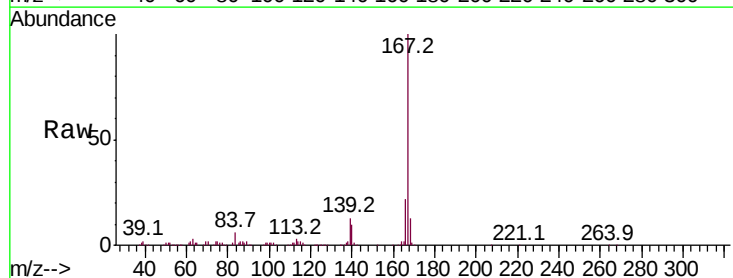
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.0	24.0
179	16.2	12.5	18.7



#72
 Carbazole
 Concen: 37.181 ng
 RT: 17.80 min Scan# 2469
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 37.214 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

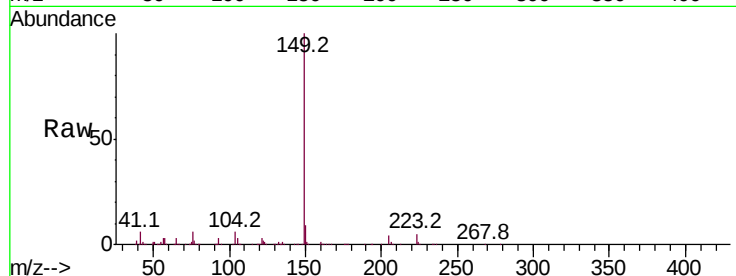
Tot Ion:149 Resp: 584672

Ion Ratio Lower Upper

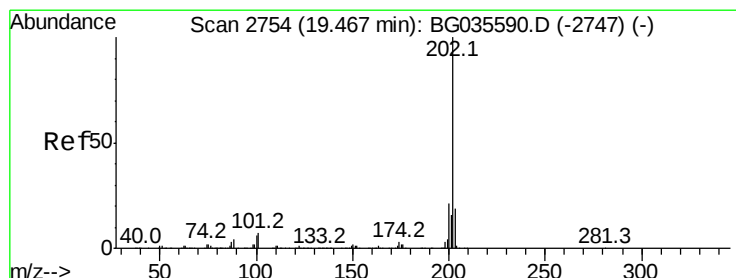
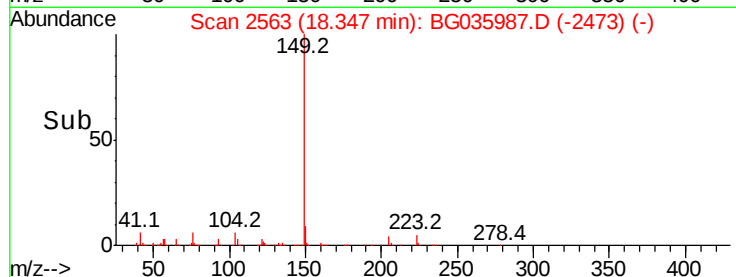
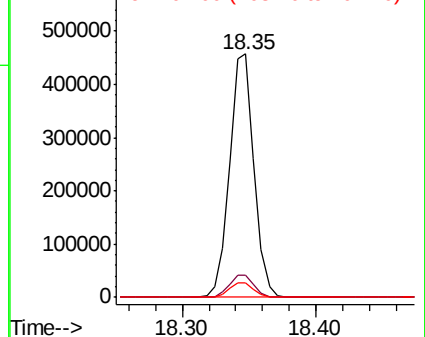
149 100

150 9.2 7.8 11.6

104 5.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.919 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

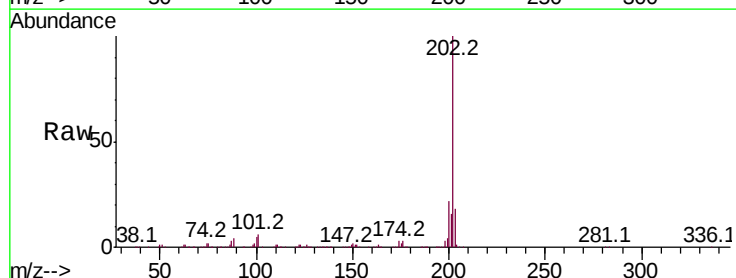
Tgt Ion:202 Resp: 699178

Ion Ratio Lower Upper

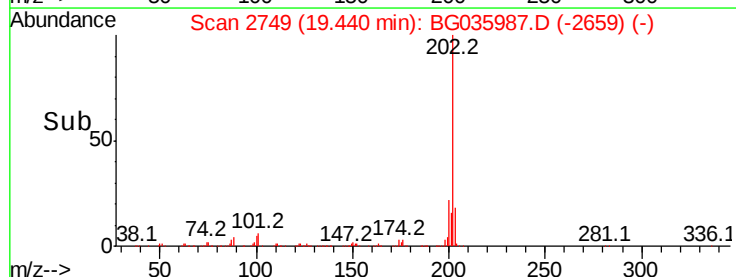
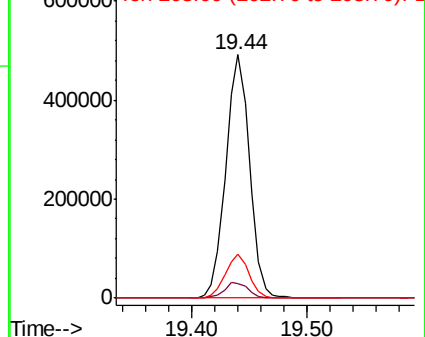
202 100

101 6.2 0.0 28.9

203 18.0 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

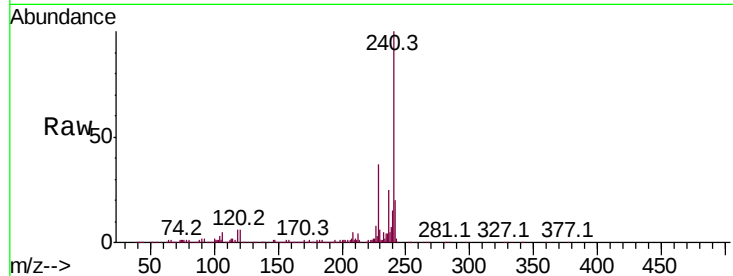
Tot Ion:240 Resp: 293526

Ion Ratio Lower Upper

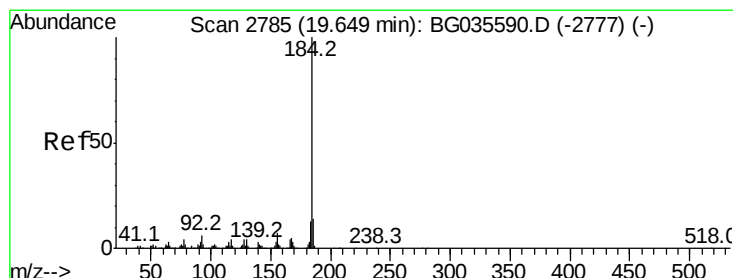
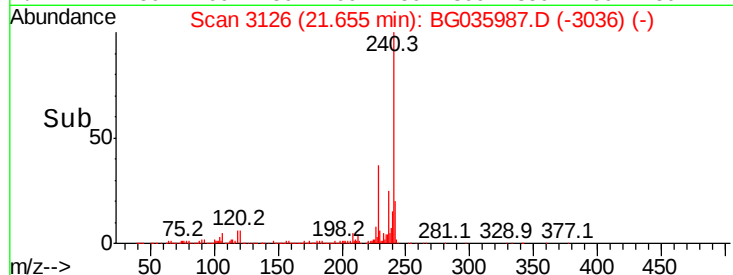
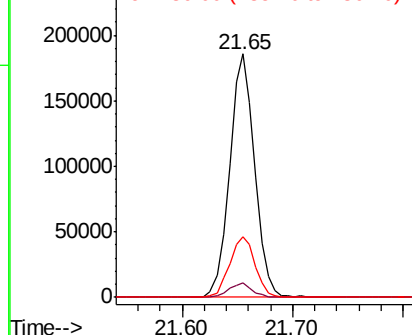
240 100

120 5.9 6.8 10.2#

236 25.0 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: 24.811 ng

RT: 19.62 min Scan# 2780

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

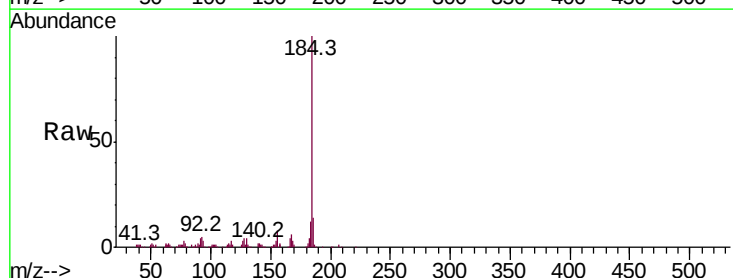
Tgt Ion:184 Resp: 191467

Ion Ratio Lower Upper

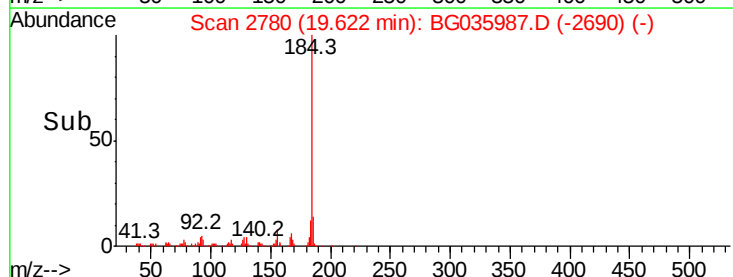
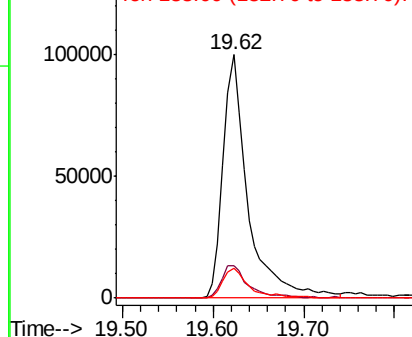
184 100

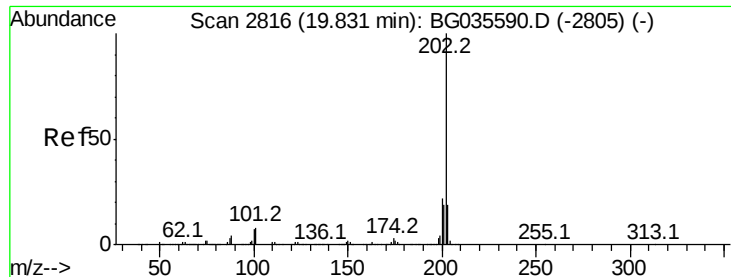
185 13.5 11.1 16.7

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

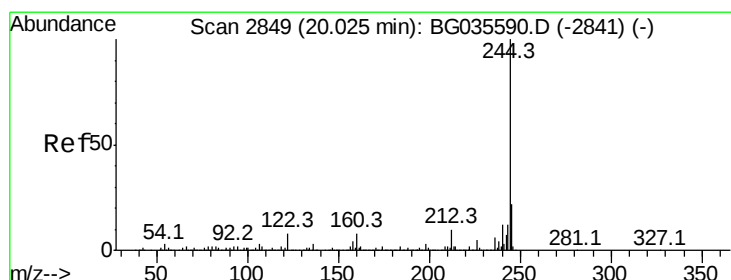
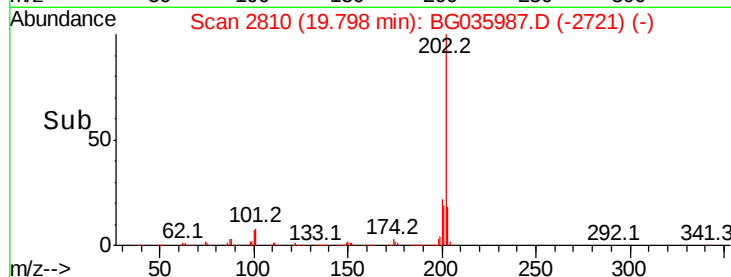
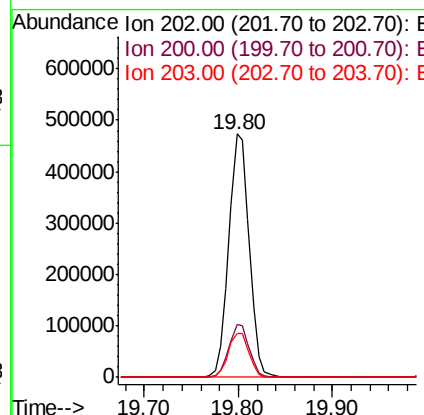
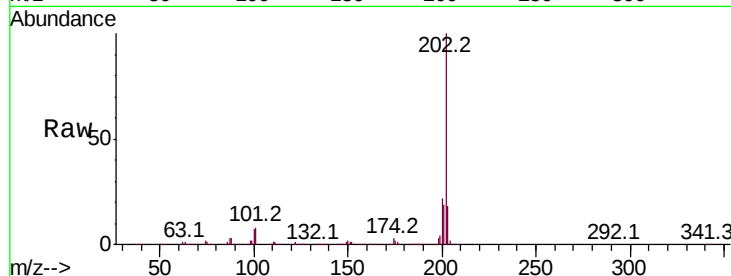




#77
Pvrene
Concen: 38.598 ng
RT: 19.80 min Scan# 2810
Delta R.T. -0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

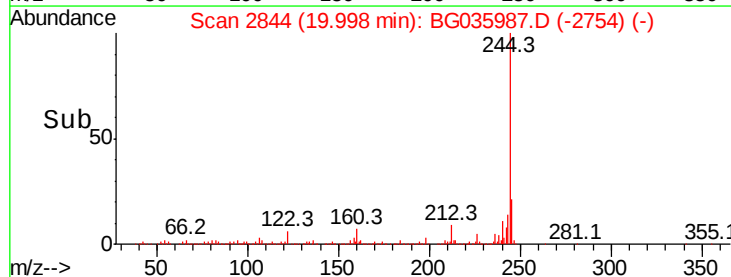
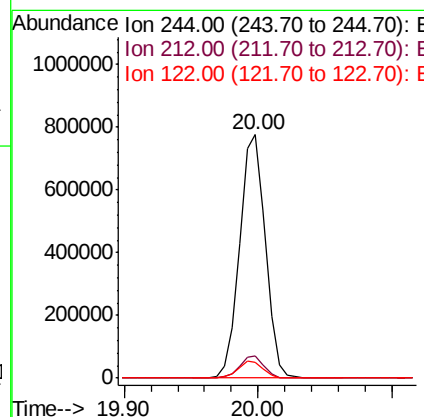
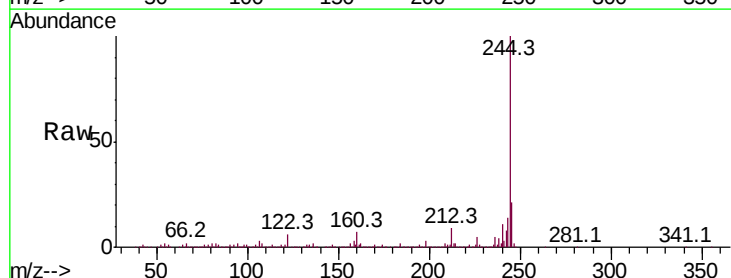
Instrument :
BNA_G
ClientSampleId :

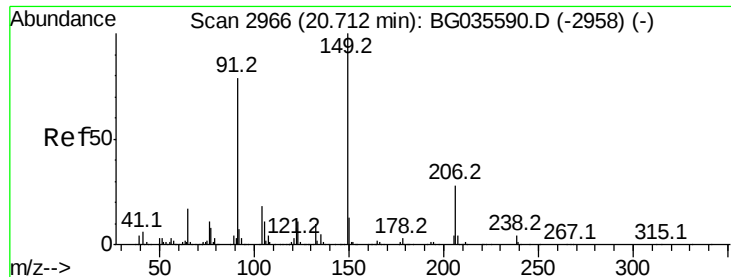
Tot Ion:202 Resp: 716374
Ion Ratio Lower Upper
202 100
200 21.6 16.9 25.3
203 18.1 13.9 20.9



#78
Terphenyl-d14
Concen: 77.923 ng
RT: 20.00 min Scan# 2844
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion:244 Resp: 1037624
Ion Ratio Lower Upper
244 100
212 9.1 5.8 8.8#
122 6.3 7.0 10.4#





#79

Butylbenzylphthalate

Concen: 39.527 ng

RT: 20.68 min Scan# 2960

Delta R.T. -0.00 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

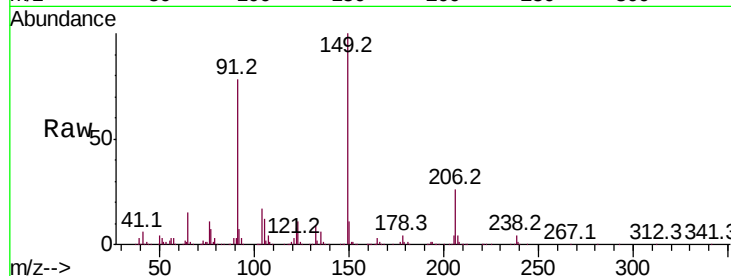
Tot Ion:149 Resp: 262348

Ion Ratio Lower Upper

149 100

91 78.1 62.2 93.2

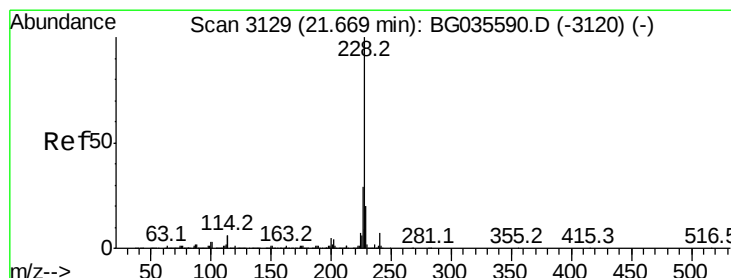
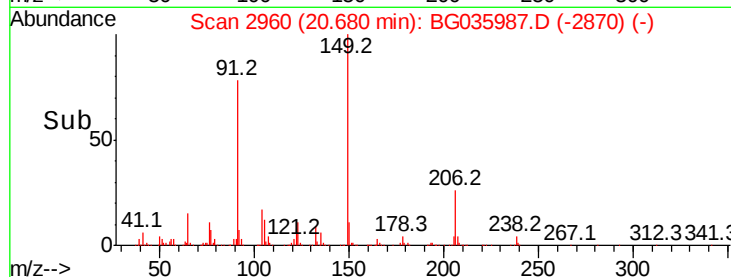
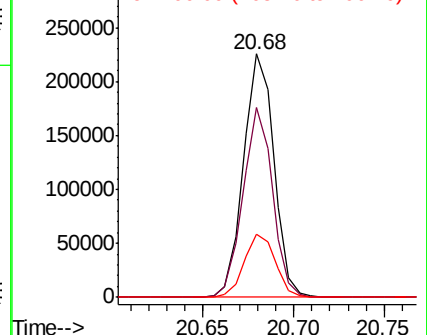
206 26.2 18.6 27.8



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: 38.224 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

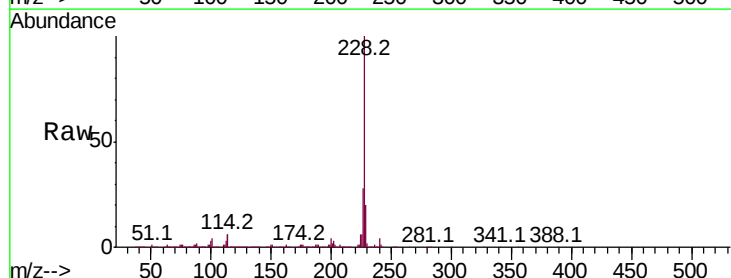
Tgt Ion:228 Resp: 699181

Ion Ratio Lower Upper

228 100

226 27.7 22.7 34.1

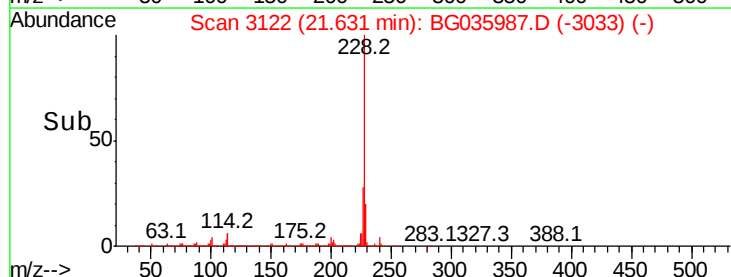
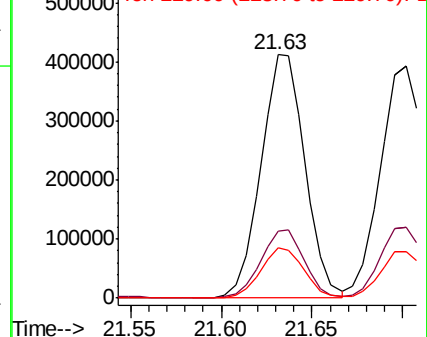
229 20.5 16.2 24.2

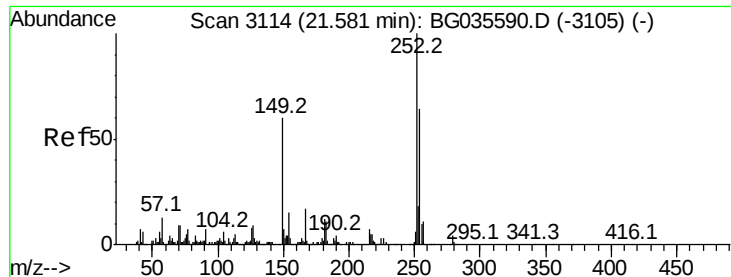


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

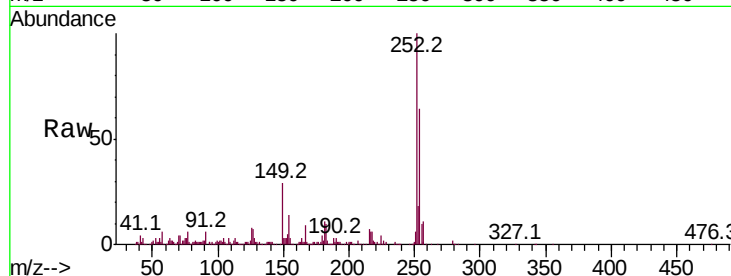




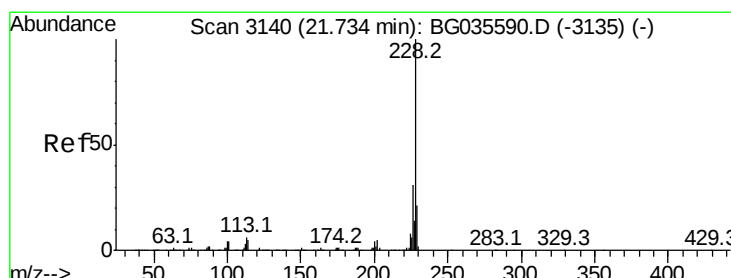
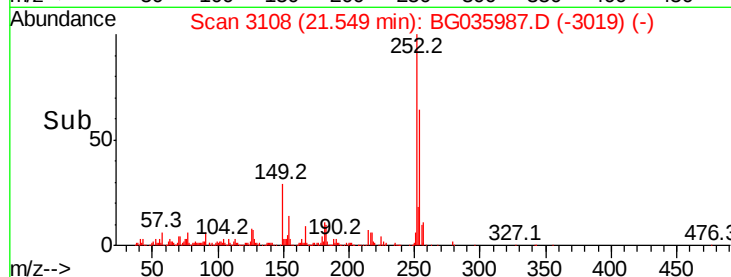
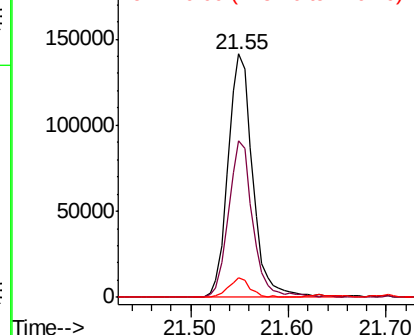
#81
 3,3'-Dichlorobenzidine
 Concen: 38.945 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.8	76.2
126	8.0	7.4	11.2

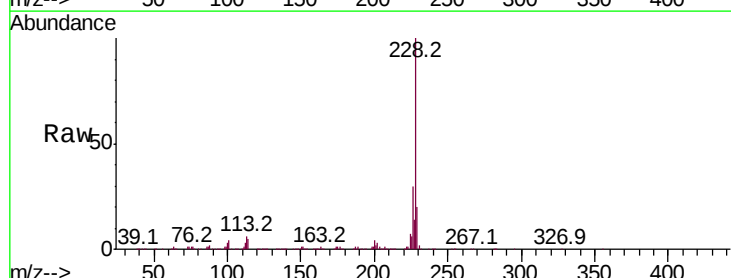


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

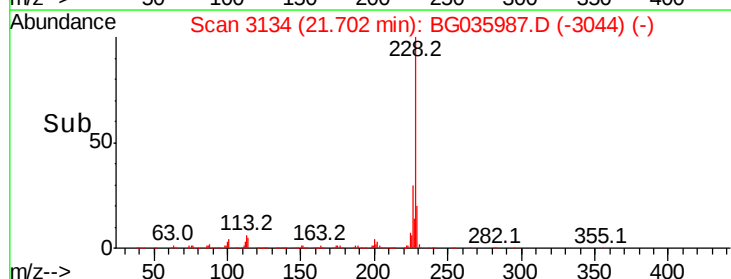
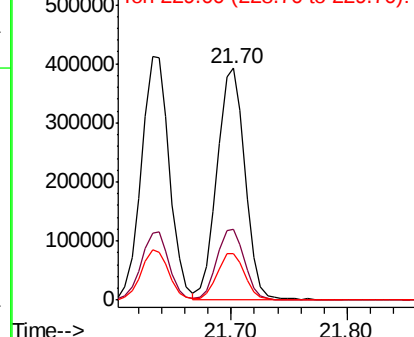


#82
 Chrysene
 Concen: 38.792 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: BG035987.D
 Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.8	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.878 ng

RT: 21.53 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

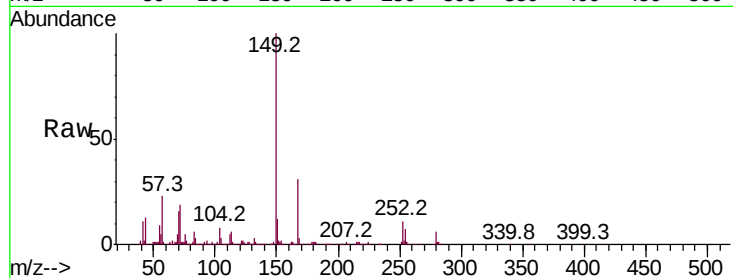
Tot Ion:149 Resp: 359825

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

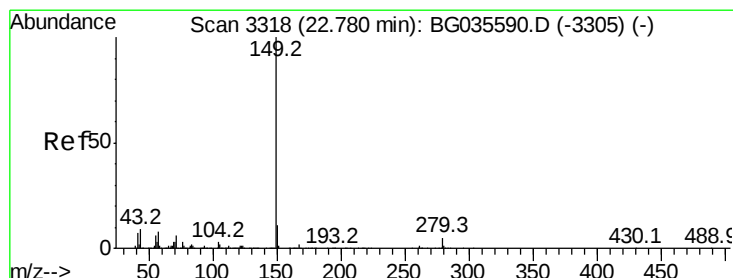
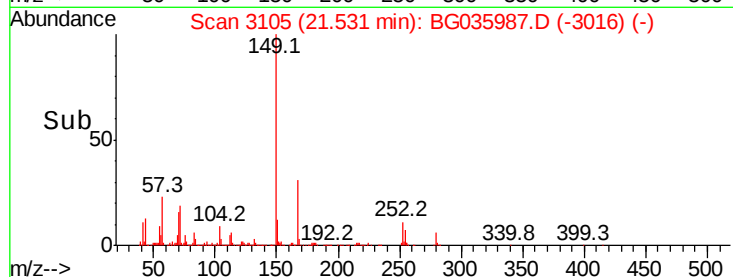
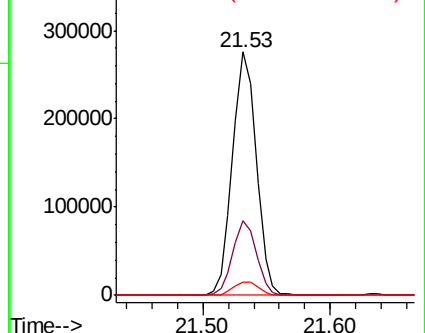
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.293 ng

RT: 22.73 min Scan# 3309

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

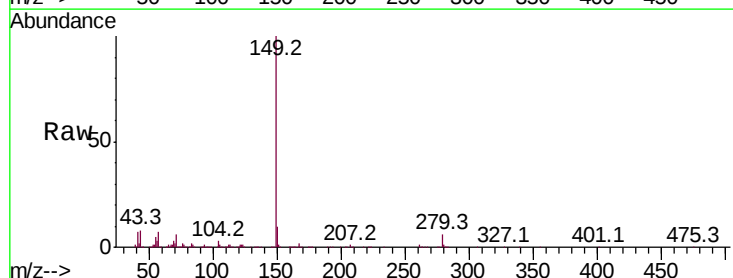
Tgt Ion:149 Resp: 623862

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

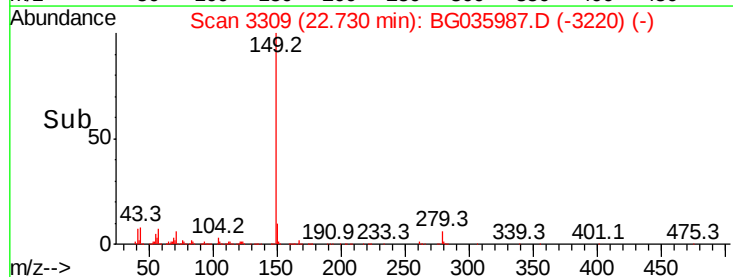
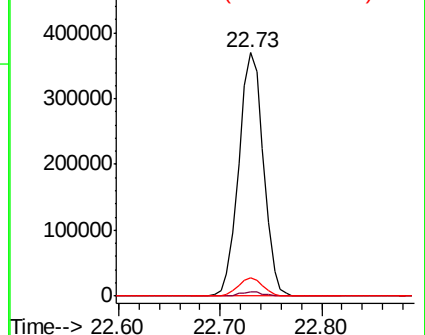
43 7.9 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.849 ng

RT: 28.49 min Scan# 4289

Delta R.T. -0.02 min

Lab File: BG035987.D

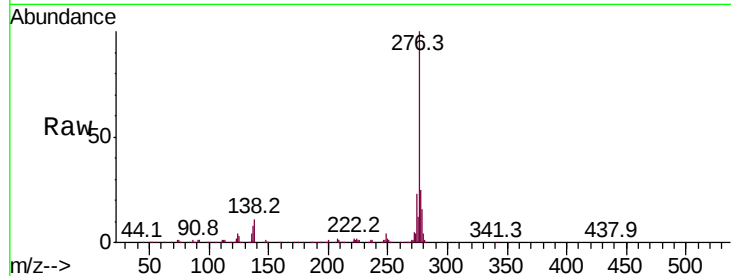
Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :

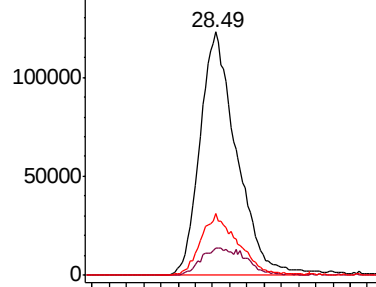
Tot Ion	Ratio	Lower	Upper
276	100		
138	9.1	16.0	24.0#
277	25.4	20.0	30.0



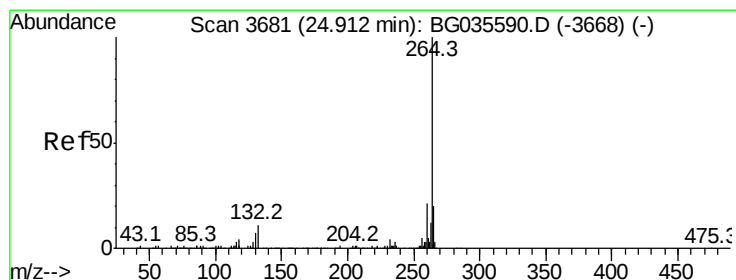
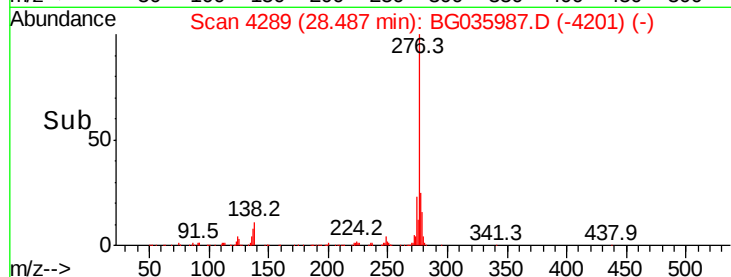
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time--> 28.20 28.40 28.60 28.80



#86

Perylene-d12

Concen: 20.000 ng

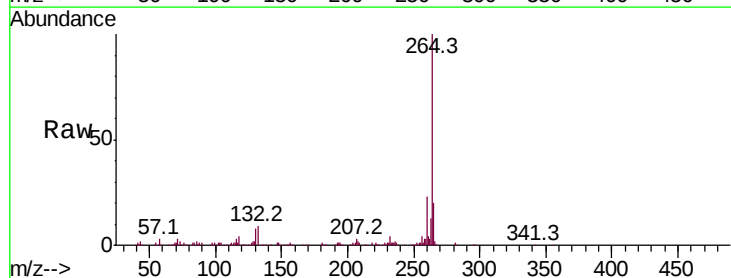
RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

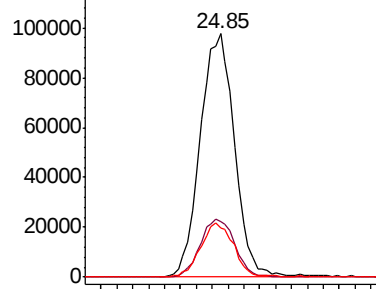
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.4	26.0
265	20.0	17.7	26.5



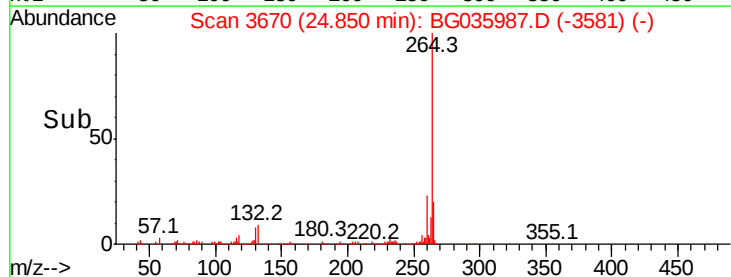
Abundance Ion 264.00 (263.70 to 264.70): E

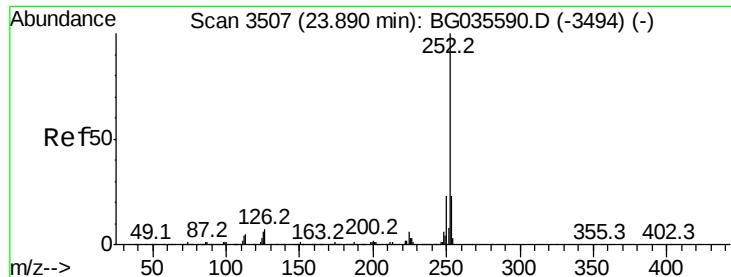
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time--> 24.70 24.80 24.90 25.00

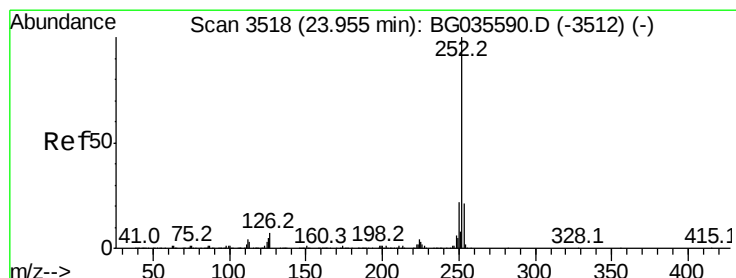
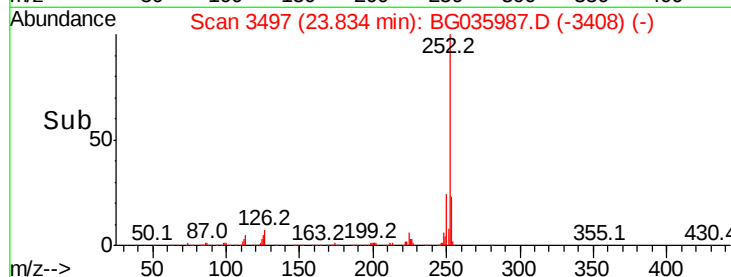
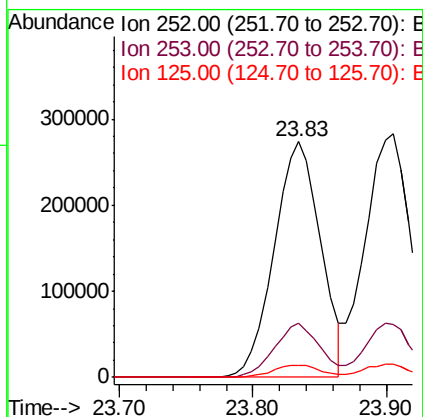
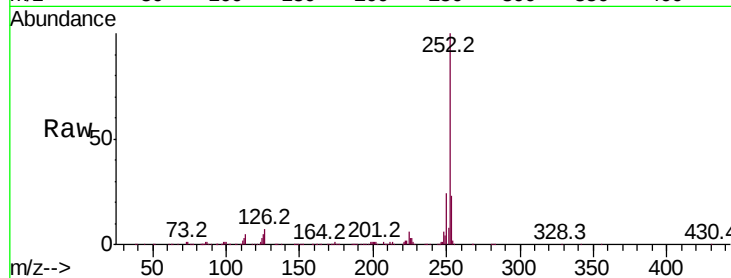




#87
Benzo(b)fluoranthene
Concen: 37.094 ng
RT: 23.83 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

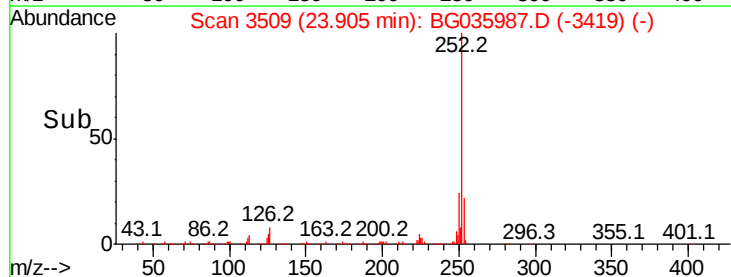
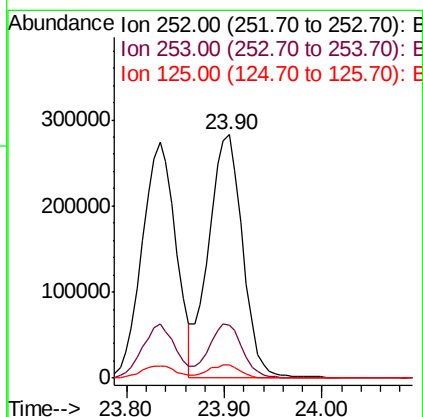
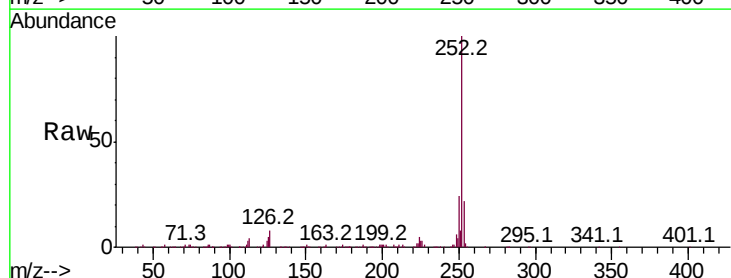
Instrument :
BNA_G
ClientSampleId :

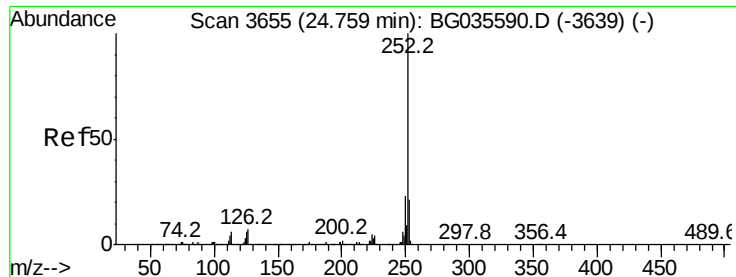
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	4.9	7.2	10.8



#88
Benzo(k)fluoranthene
Concen: 38.988 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.4	26.2
125	5.4	6.6	9.8

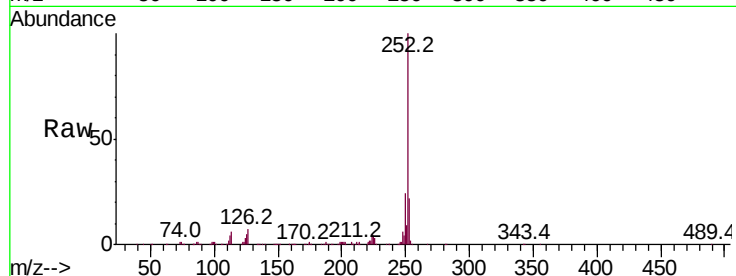




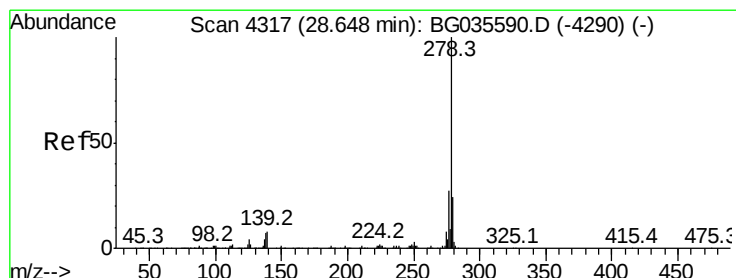
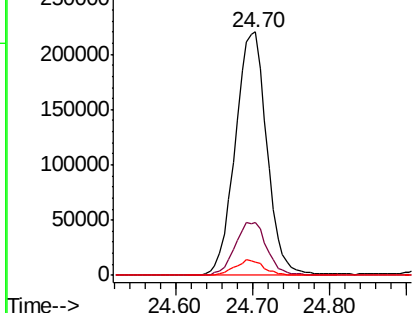
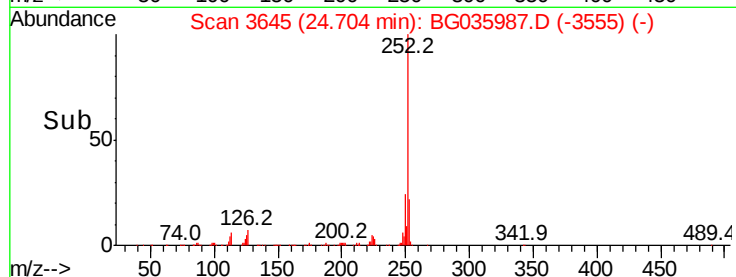
#89
Benzo(a)pyrene
Concen: 38.295 ng
RT: 24.70 min Scan# 3645
Delta R.T. -0.00 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.3	27.5
125	5.4	7.3	10.9#

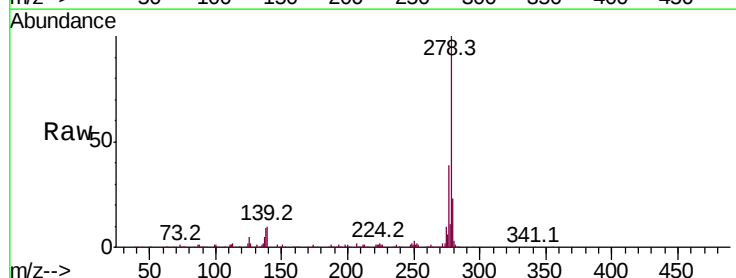


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

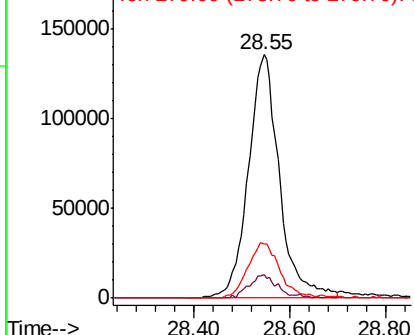
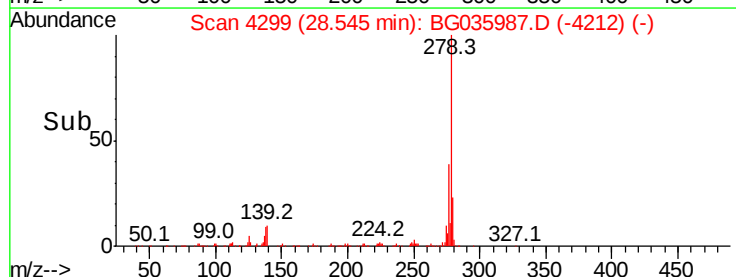


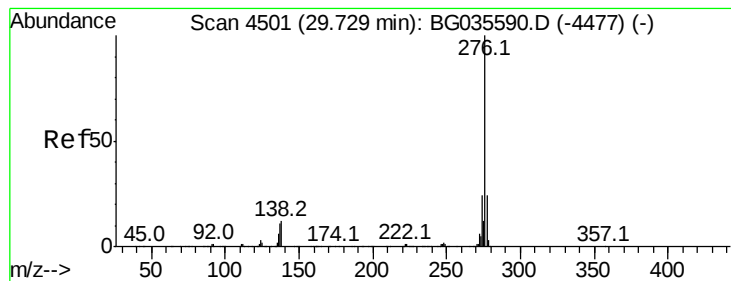
#90
Dibenzo(a,h)anthracene
Concen: 37.547 ng
RT: 28.55 min Scan# 4299
Delta R.T. -0.02 min
Lab File: BG035987.D
Acq: 30 Jul 2018 23:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	9.7	9.8	14.6#
279	22.5	18.4	27.6



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





#91

Benzo(a,h,i)perylene

Concen: 37.183 ng

RT: 29.63 min Scan# 4483

Delta R.T. -0.01 min

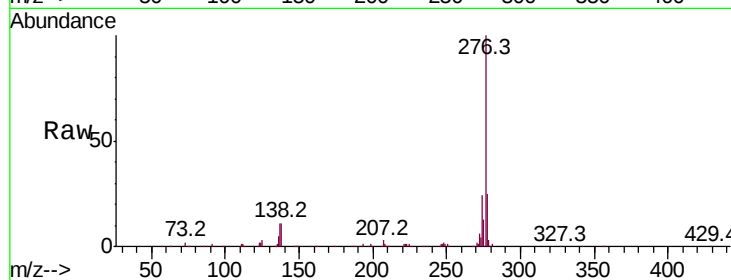
Lab File: BG035987.D

Acq: 30 Jul 2018 23:28

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	590731
Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.3	27.5
138	11.4	13.9	20.9

