

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
 Data File : BG035988.D
 Acq On : 31 Jul 2018 00:07
 Operator : JU/SJ
 Sample : PB111594BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 31 00:56:40 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	27868	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	116653	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	91365	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	266747	20.00	ng	0.00
75) Chrysene-d12	21.65	240	286764	20.00	ng	0.00
86) Perylene-d12	24.85	264	270347	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	147731	88.01	ng	0.00
7) Phenol-d6	7.19	99	222601	88.88	ng	0.00
23) Nitrobenzene-d5	9.18	82	219779	78.71	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	110208	91.52	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	533402	78.22	ng	0.00
78) Terphenyl-d14	20.00	244	966446	74.29	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.51	88	24728	28.944	ng	# 79
3) Pyridine	3.91	79	68559	30.740	ng	# 75
4) n-Nitrosodimethylamine	3.82	42	30267	31.606	ng	# 83
6) Aniline	7.34	93	50021	15.410	ng	94
8) 2-Chlorophenol	7.59	128	77521	45.409	ng	94
9) Benzaldehyde	7.16	77	45520	29.623	ng	97
10) Phenol	7.21	94	116149	45.905	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	73464	37.075	ng	90
12) 1,3-Dichlorobenzene	8.06	146	82980	40.251	ng	96
13) 1,4-Dichlorobenzene	8.06	146	82980	39.615	ng	93
14) 1,2-Dichlorobenzene	8.38	146	78442	38.982	ng	97
15) Benzyl Alcohol	8.26	79	87297	38.385	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.54	45	84727	51.002	ng	76
17) 2-Methylphenol	8.47	107	78561	45.668	ng	94
18) Hexachloroethane	9.09	117	30445	38.013	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	69909	33.149	ng	# 88
20) 3+4-Methylphenols	8.79	107	105278	44.114	ng	87
22) Acetophenone	8.84	105	131295	36.194	ng	# 91
24) Nitrobenzene	9.23	77	109362	38.942	ng	98
25) Isophorone	9.75	82	205893	39.719	ng	99
26) 2-Nitrophenol	9.93	139	44068	44.184	ng	# 91
27) 2,4-Dimethylphenol	9.99	122	83978	49.741	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	107962	37.797	ng	94
29) 2,4-Dichlorophenol	10.48	162	91413	47.433	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	96714	40.925	ng	96
31) Naphthalene	10.87	128	240205	39.530	ng	99
32) Benzoic acid	10.18	122	13665	12.023	ng	# 81
33) 4-Chloroaniline	11.00	127	29084	10.982	ng	# 94
34) Hexachlorobutadiene	11.16	225	72994	39.611	ng	95
35) Caprolactam	11.76	113	20659	24.980	ng	# 69
36) 4-Chloro-3-methylphenol	12.11	107	117206	45.372	ng	92
37) 2-Methylnaphthalene	12.48	142	191806	42.368	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	131502	38.134	ng	98
40) Hexachlorocyclopentadiene	12.82	237	156896	86.754	ng	91

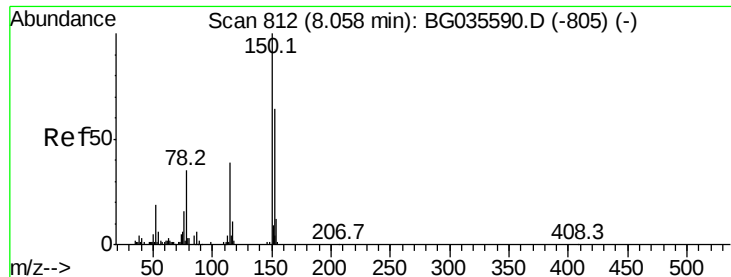
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073018\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	87166	43.223	nq	97
43) 2,4,5-Trichlorophenol	13.16	196	95878	42.499	nq	98
45) 1,1'-Biphenyl	13.48	154	276194	38.991	nq	99
46) 2-Chloronaphthalene	13.52	162	222682	40.415	nq	98
47) 2-Nitroaniline	13.73	65	76565	39.306	nq	97
48) Acenaphthylene	14.37	152	371032	40.200	nq	97
49) Dimethylphthalate	14.10	163	317200	39.626	nq	# 98
50) 2,6-Dinitrotoluene	14.22	165	73353	44.999	nq	# 82
51) Acenaphthene	14.71	154	215921	37.555	nq	98
52) 3-Nitroaniline	14.56	138	28751	17.257	nq	# 92
53) 2,4-Dinitrophenol	14.76	184	51836	63.332	nq	# 69
54) Dibenzofuran	15.04	168	370656	40.536	nq	93
55) 4-Nitrophenol	14.87	139	92767	78.184	nq	# 89
56) 2,4-Dinitrotoluene	15.01	165	112455	48.086	nq	86
57) Fluorene	15.69	166	313382	40.891	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	98644	45.604	nq	# 93
59) Diethylphthalate	15.46	149	321518	39.061	nq	98
60) 4-Chlorophenyl-phenylether	15.69	204	182601	40.538	nq	94
61) 4-Nitroaniline	15.71	138	71421	40.981	nq	# 85
62) Azobenzene	15.97	77	322819	39.761	nq	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	58620	39.478	nq	85
65) n-Nitrosodiphenylamine	15.90	169	285070	37.546	nq	98
66) 4-Bromophenyl-phenylether	16.58	248	122963	39.733	nq	94
67) Hexachlorobenzene	16.70	284	128021	40.170	nq	95
68) Atrazine	16.84	200	130952	41.890	nq	95
69) Pentachlorophenol	17.04	266	111927	57.660	nq	96
70) Phenanthrene	17.44	178	535147	40.206	nq	99
71) Anthracene	17.52	178	552868	41.715	nq	97
72) Carbazole	17.79	167	495756	39.388	nq	99
73) Di-n-butylphthalate	18.35	149	572096	38.464	nq	# 98
74) Fluoranthene	19.44	202	714885	39.874	nq	96
76) Benzidine	19.62	184	169820	22.525	nq	99
77) Pyrene	19.80	202	715830	39.478	nq	99
79) Butylbenzylphthalate	20.68	149	262434	40.473	nq	96
80) Benzo(a)anthracene	21.64	228	704970	39.449	nq	99
81) 3,3'-Dichlorobenzidine	21.55	252	138645	22.251	nq	98
82) Chrysene	21.70	228	663145	40.045	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	360419	40.885	nq	# 98
84) Di-n-octyl phthalate	22.73	149	613092	41.537	nq	# 92
85) Indeno(1,2,3-cd)pyrene	28.49	276	735312	40.106	nq	# 87
87) Benzo(b)fluoranthene	23.84	252	672860	40.949	nq	# 96
88) Benzo(k)fluoranthene	23.90	252	654804	40.762	nq	# 97
89) Benzo(a)pyrene	24.70	252	652785	42.703	nq	# 98
90) Dibenzo(a,h)anthracene	28.55	278	597784	39.832	nq	# 95
91) Benzo(g,h,i)perylene	29.63	276	611249	41.622	nq	# 93

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

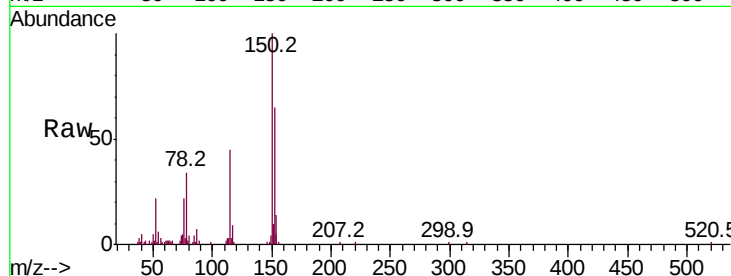


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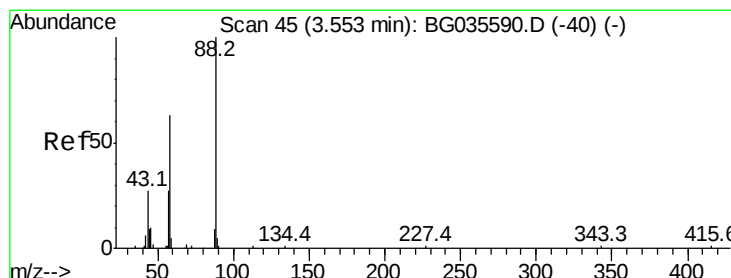
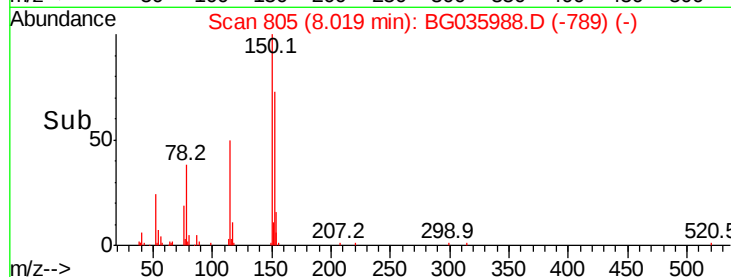
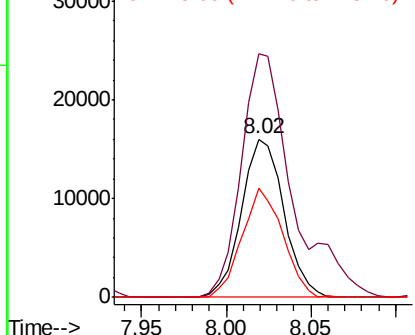
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27868
Ion Ratio Lower Upper
152 100
150 153.8 126.6 189.8
115 68.9 53.0 79.4



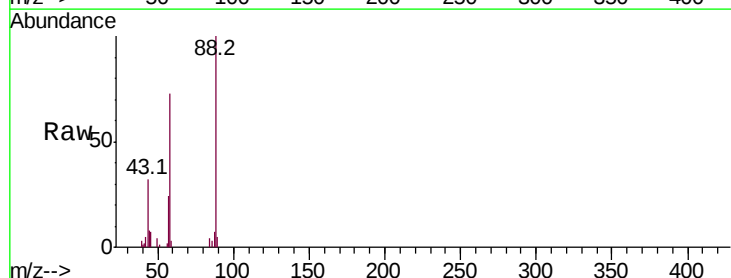
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



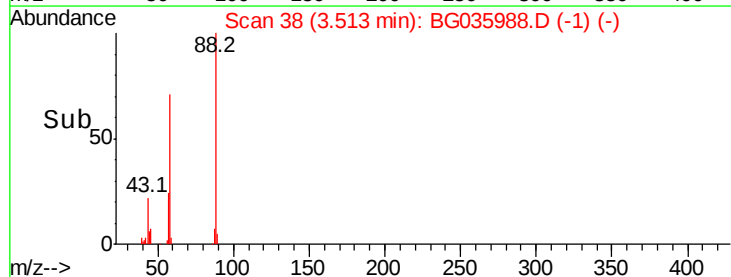
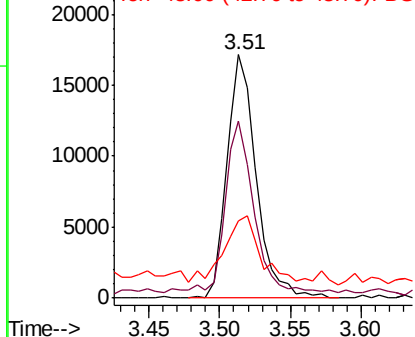
#2

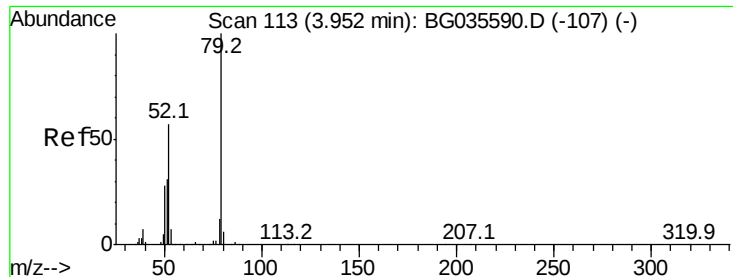
1,4-Dioxane
Concen: 28.944 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion: 88 Resp: 24728
Ion Ratio Lower Upper
88 100
58 71.9 79.6 119.4#
43 32.3 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: 30.740 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

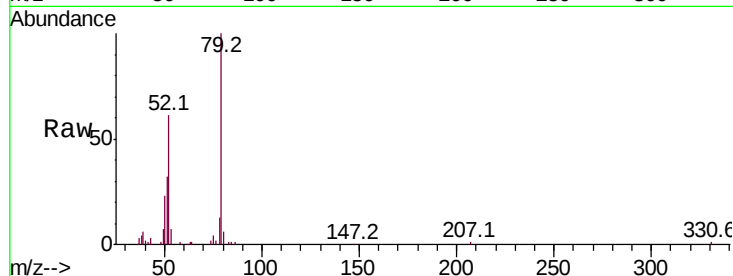
Tot Ion: 79 Resp: 68559

Ion Ratio Lower Upper

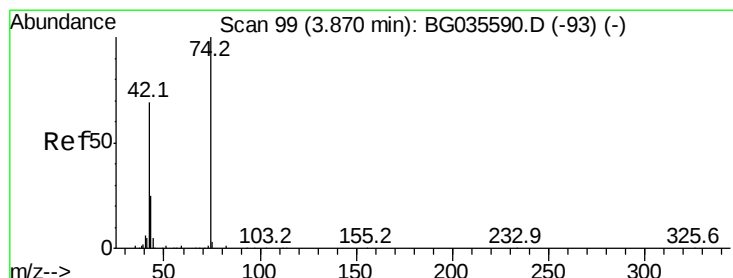
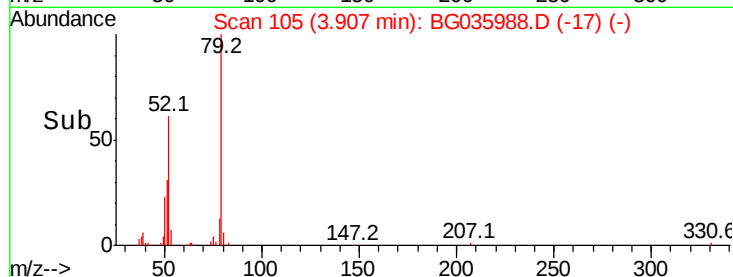
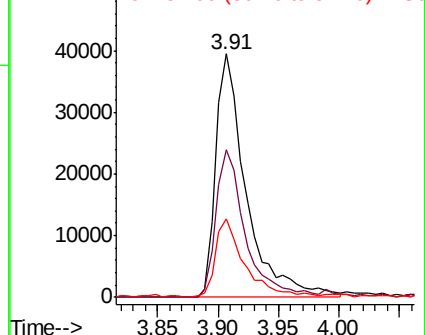
79 100

52 60.6 69.9 104.9#

51 32.2 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: 31.606 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

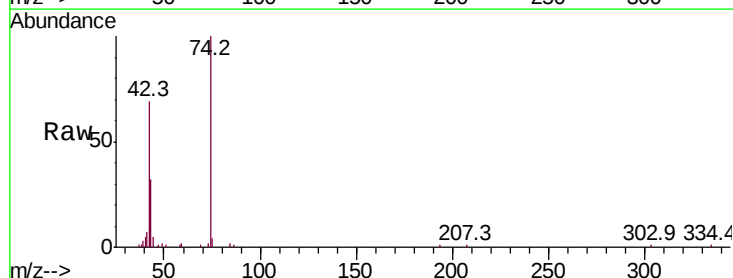
Tgt Ion: 42 Resp: 30267

Ion Ratio Lower Upper

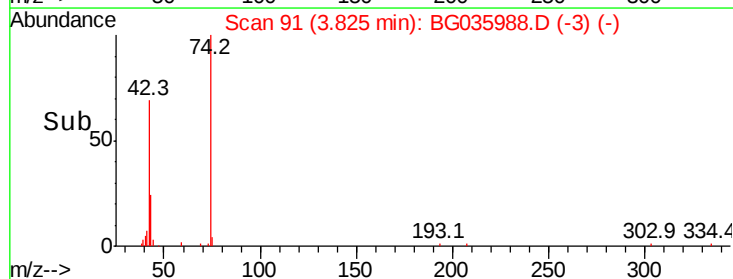
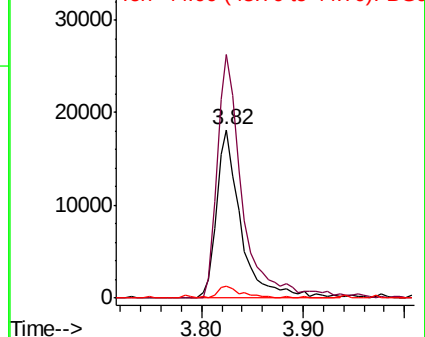
42 100

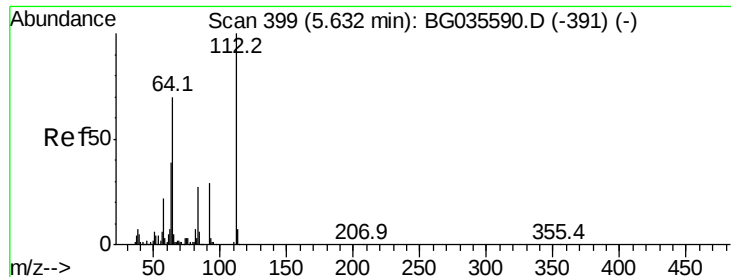
74 144.3 102.5 153.7

44 6.8 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: 88.011 ng

RT: 5.60 min Scan# 394

Delta R.T. 0.00 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampled :

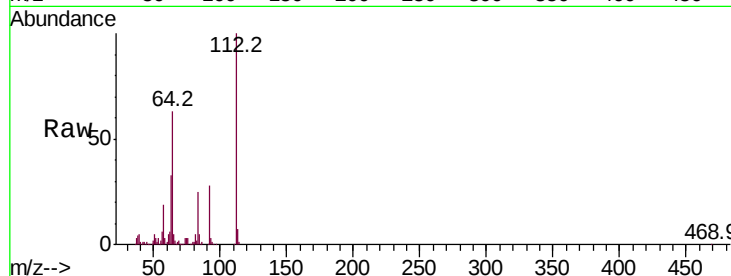
Tot Ion:112 Resp: 147731

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

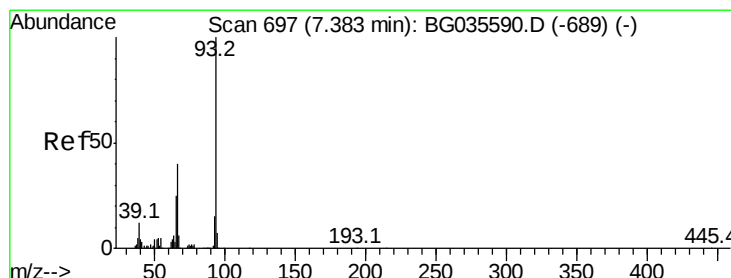
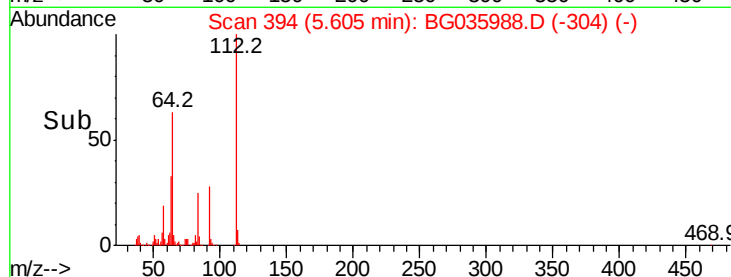
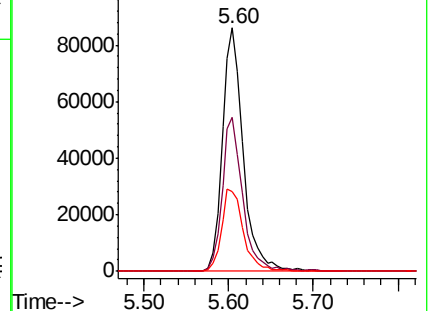
63 32.8 30.1 45.1



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: 15.410 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

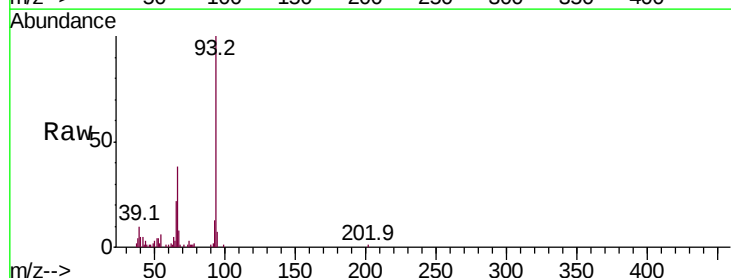
Tgt Ion: 93 Resp: 50021

Ion Ratio Lower Upper

93 100

66 38.1 33.7 50.5

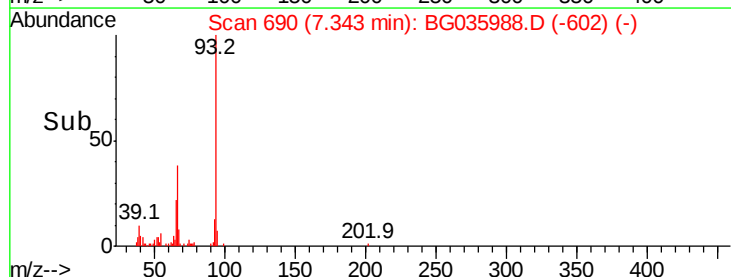
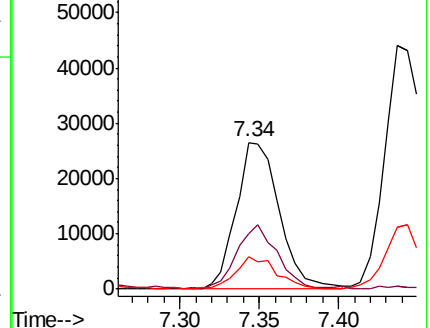
65 22.4 16.1 24.1

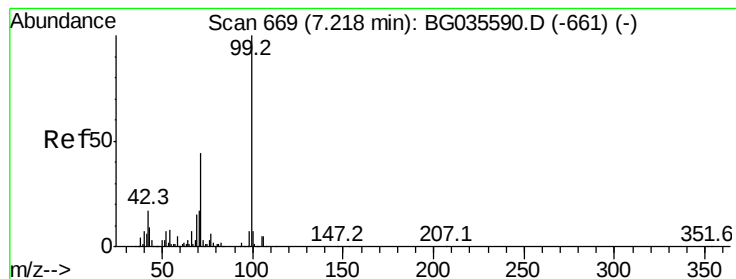


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 88.884 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

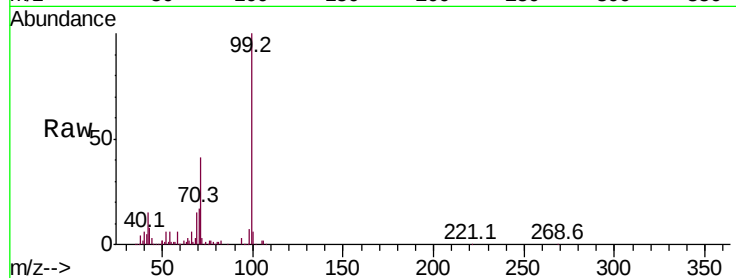
Tot Ion: 99 Resp: 222601

Ion Ratio Lower Upper

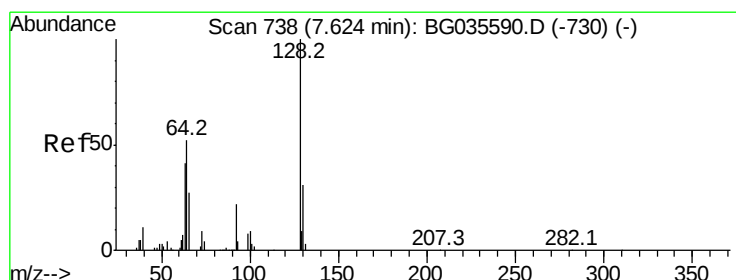
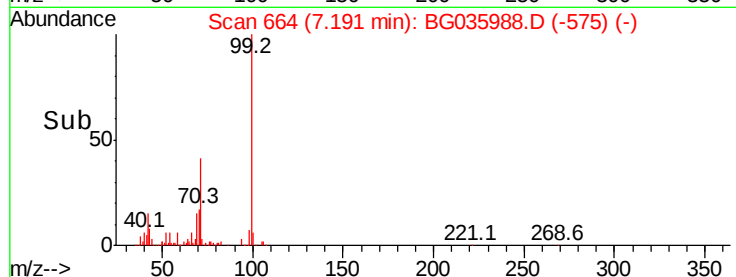
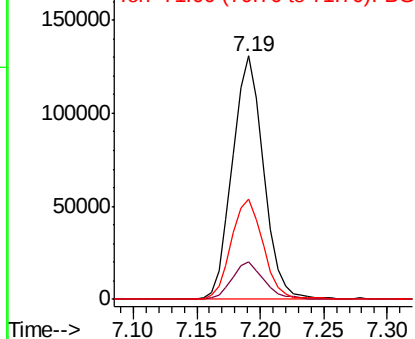
99 100

42 15.3 14.1 21.1

71 41.3 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 45.409 ng

RT: 7.59 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

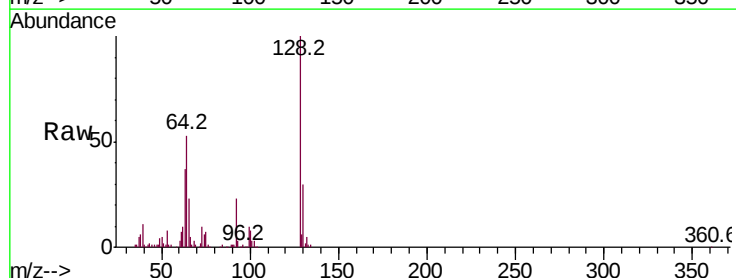
Tgt Ion: 128 Resp: 77521

Ion Ratio Lower Upper

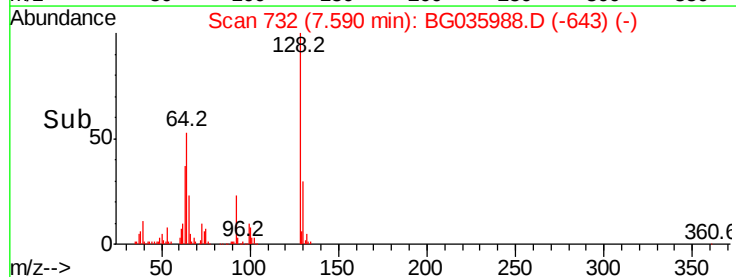
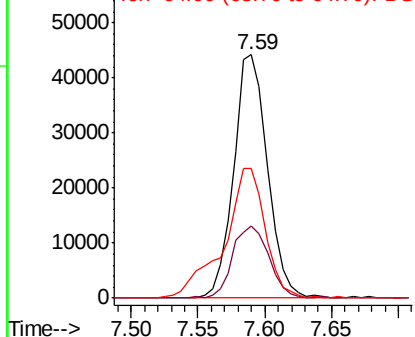
128 100

130 29.7 14.0 54.0

64 53.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 29.623 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

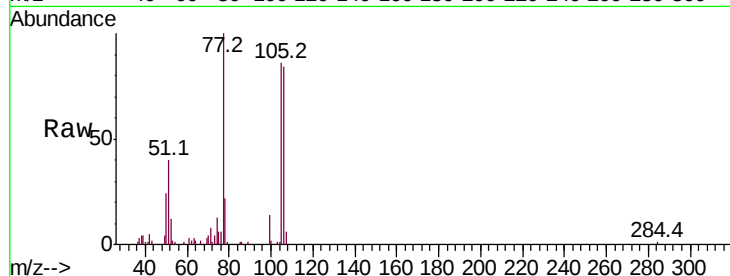
Tot Ion: 77 Resp: 45520

Ion Ratio Lower Upper

77 100

105 86.3 71.3 111.3

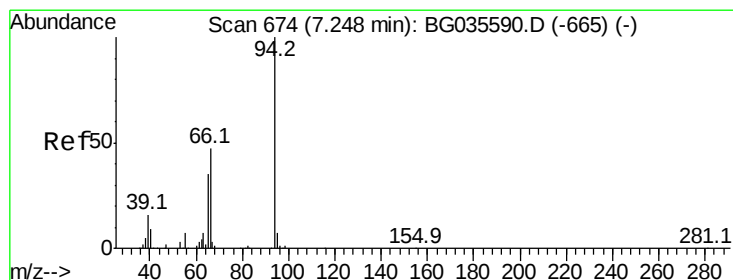
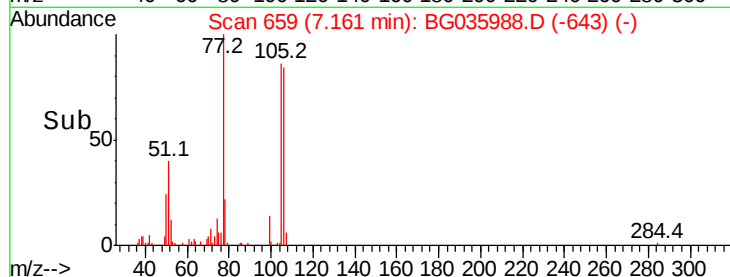
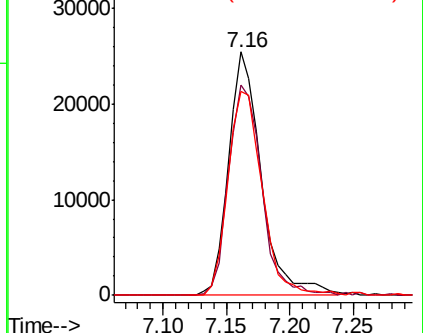
106 83.6 64.2 104.2



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: 45.905 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

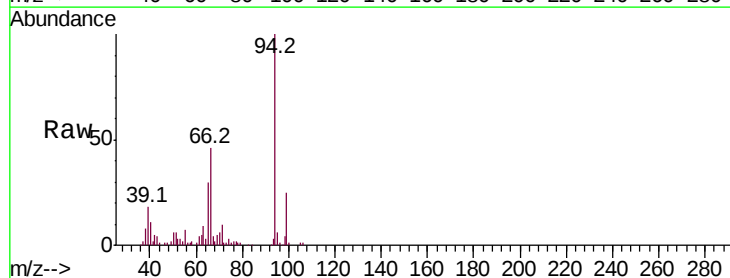
Tgt Ion: 94 Resp: 116149

Ion Ratio Lower Upper

94 100

65 30.2 11.9 51.9

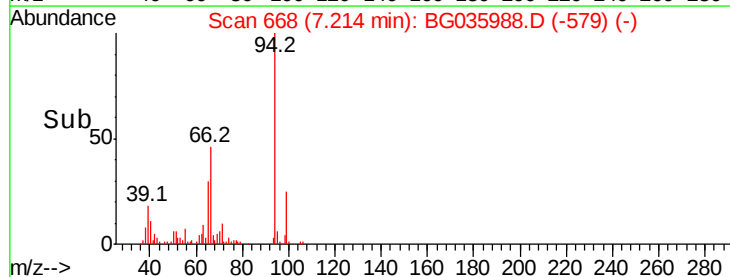
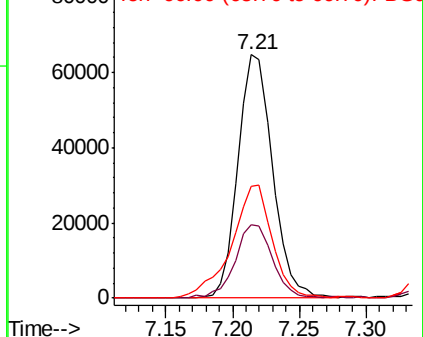
66 45.7 22.2 62.2

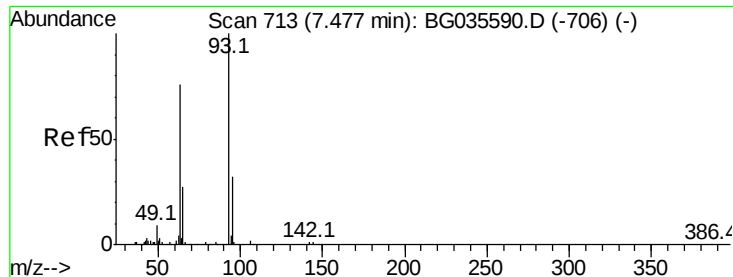


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

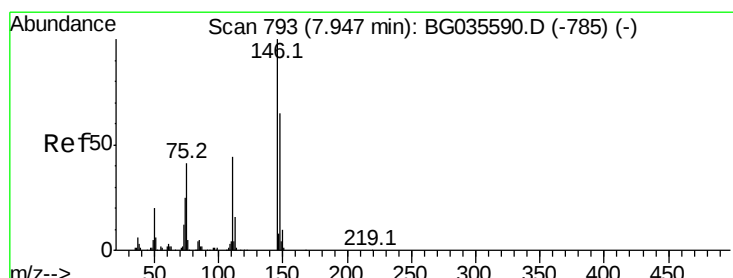
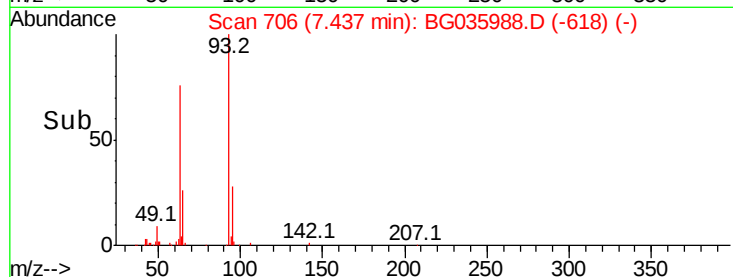
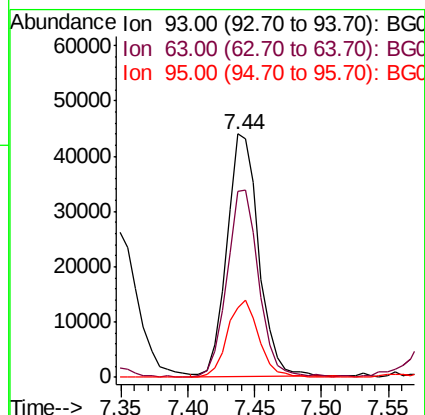
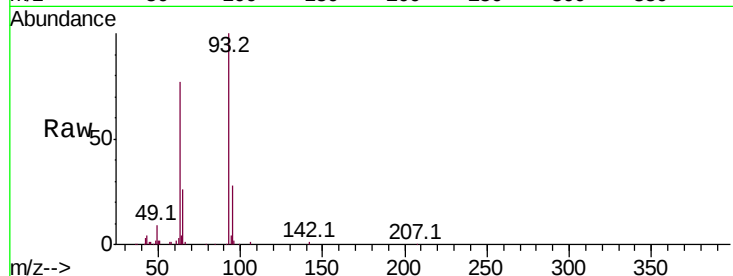




#11
bis(2-Chloroethyl)ether
Concen: 37.075 ng
RT: 7.44 min Scan# 706
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

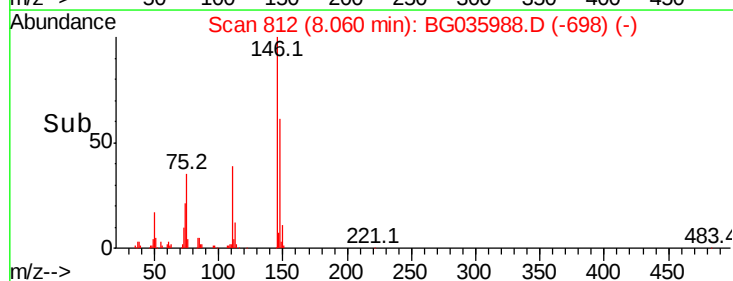
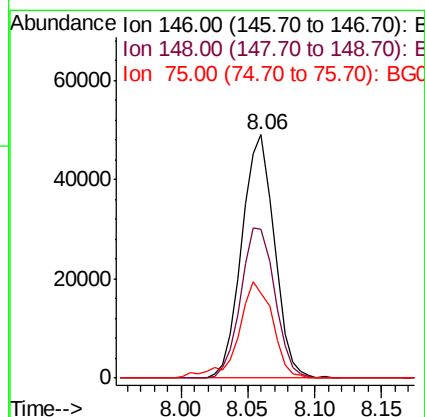
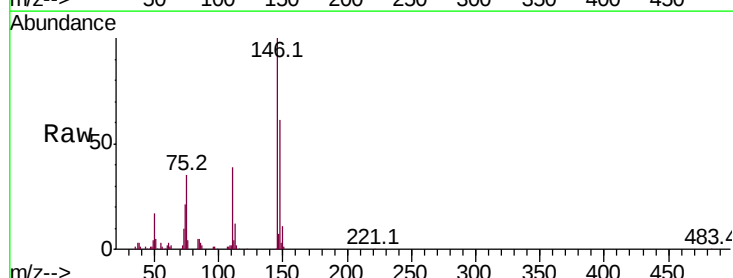
Instrument :
BNA_G
ClientSampleId :

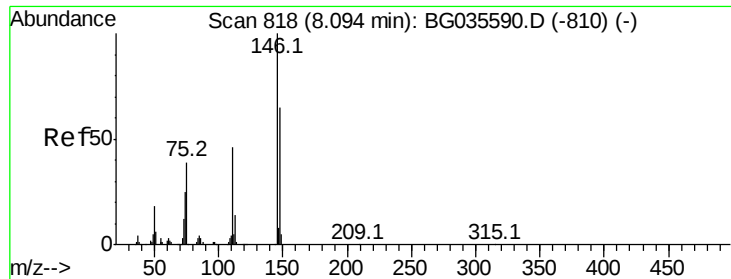
Tot Ion: 93 Resp: 73464
Ion Ratio Lower Upper
93 100
63 76.6 67.1 107.1
95 28.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.251 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.14 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion: 146 Resp: 82980
Ion Ratio Lower Upper
146 100
148 61.3 51.4 77.2
75 34.9 26.6 39.8

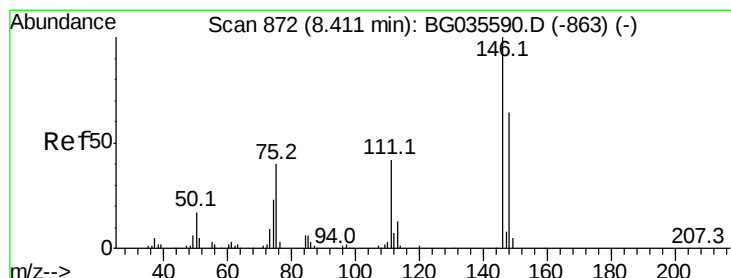
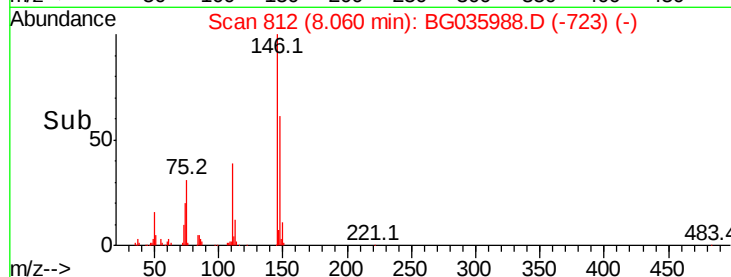
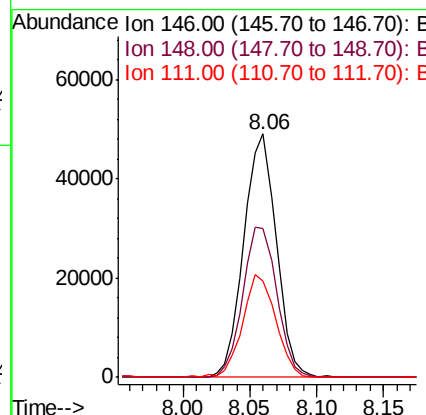
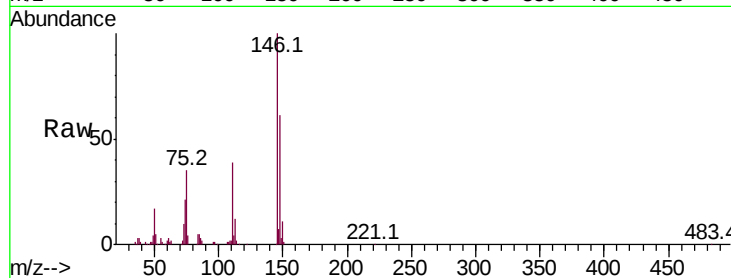




#13
 1,4-Dichlorobenzene
 Concen: 39.615 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

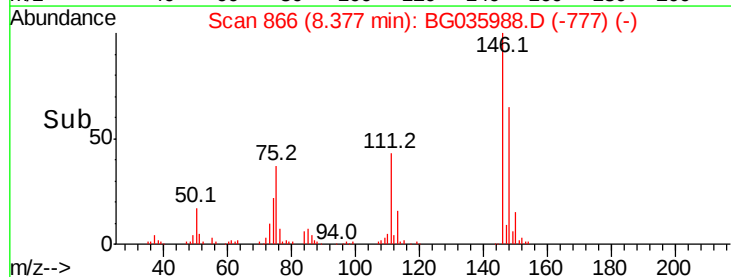
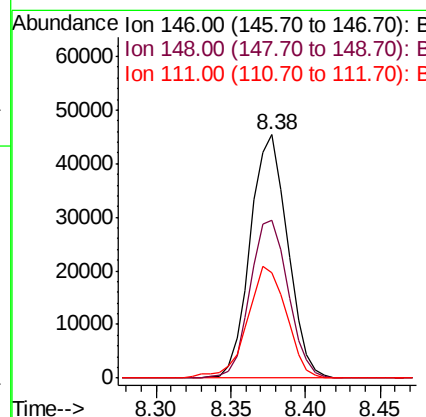
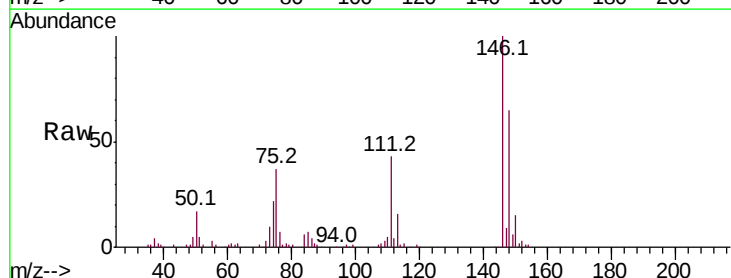
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 82980
 Ion Ratio Lower Upper
 146 100
 148 61.3 53.7 80.5
 111 39.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 38.982 ng
 RT: 8.38 min Scan# 866
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:146 Resp: 78442
 Ion Ratio Lower Upper
 146 100
 148 65.1 49.3 73.9
 111 43.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 38.385 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

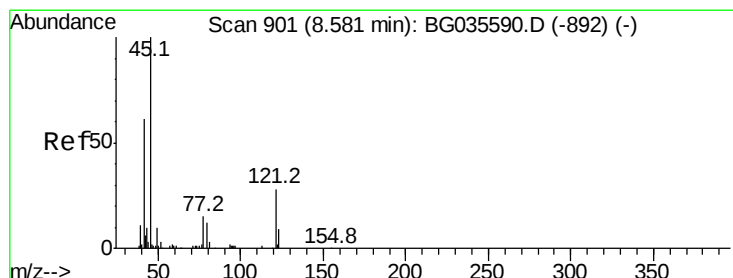
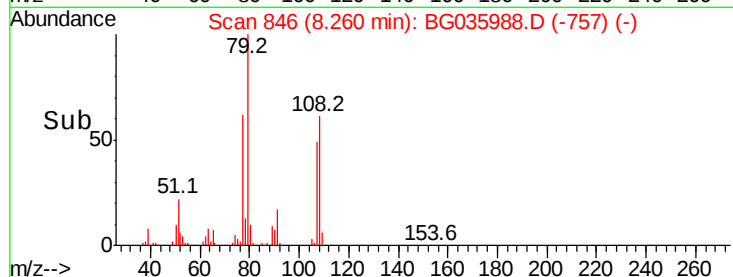
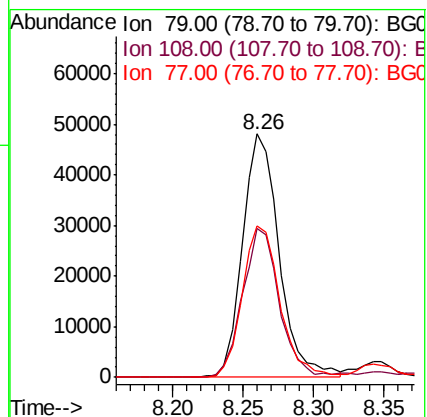
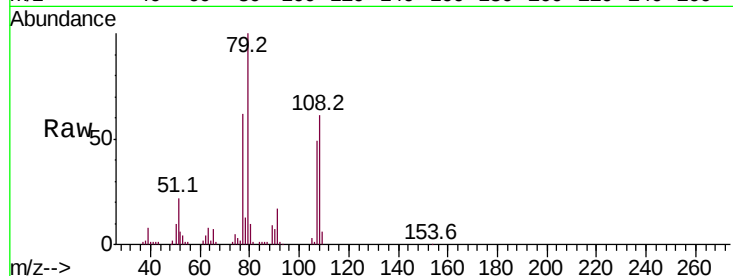
Tot Ion: 79 Resp: 87297

Ion Ratio Lower Upper

79 100

108 61.3 57.2 85.8

77 62.1 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 51.002 ng

RT: 8.54 min Scan# 894

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

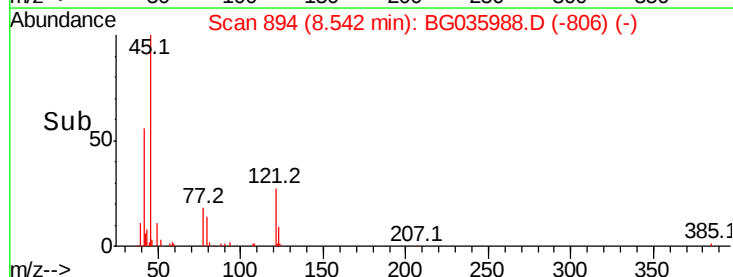
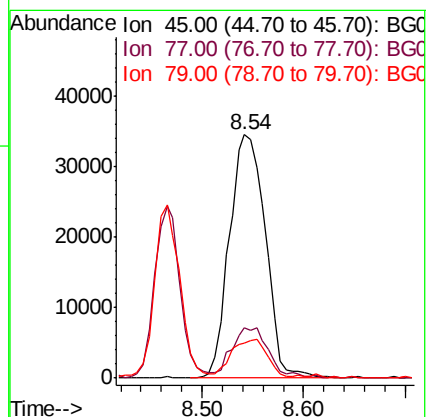
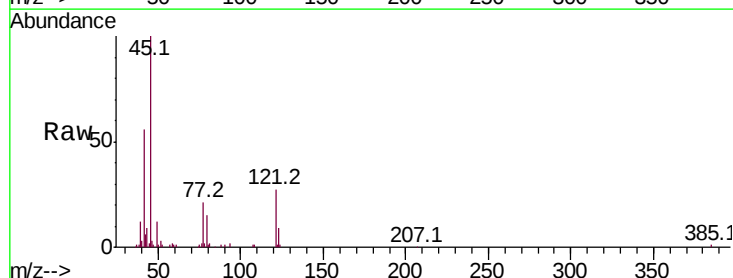
Tgt Ion: 45 Resp: 84727

Ion Ratio Lower Upper

45 100

77 20.8 0.0 30.2

79 14.6 0.0 27.9





#17

2-Methylphenol

Concen: 45.668 ng

RT: 8.47 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 78561

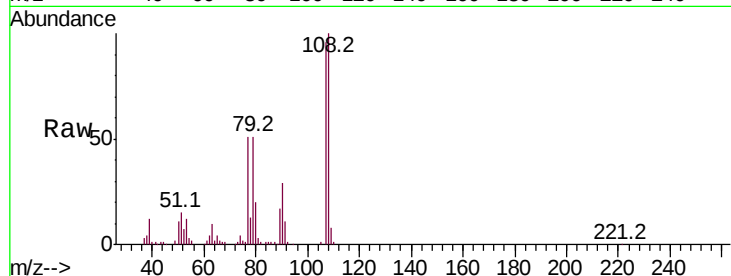
Ion Ratio Lower Upper

107 100

108 103.8 83.9 125.9

77 53.0 37.2 55.8

79 53.4 36.2 54.2

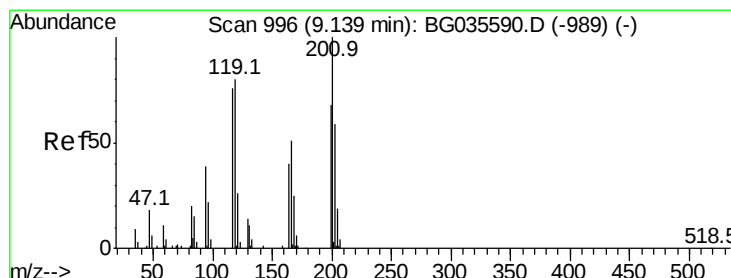
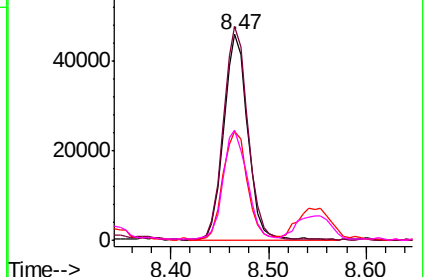
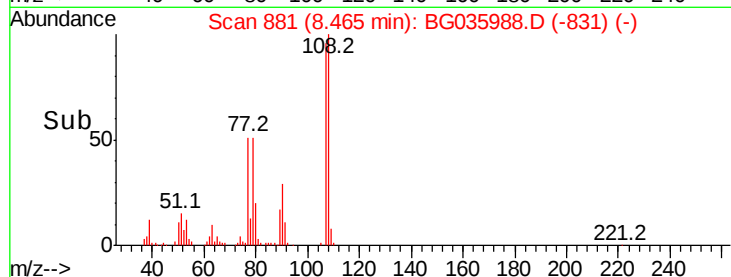


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.013 ng

RT: 9.09 min Scan# 988

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

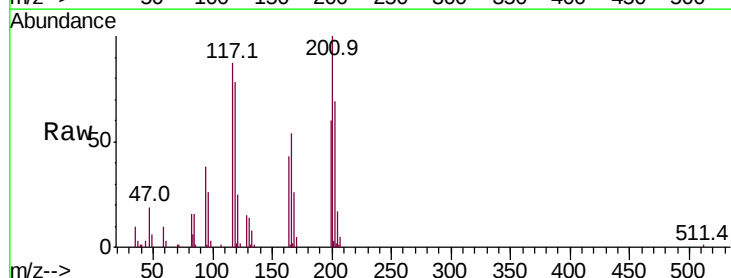
Tgt Ion:117 Resp: 30445

Ion Ratio Lower Upper

117 100

119 89.5 76.7 115.1

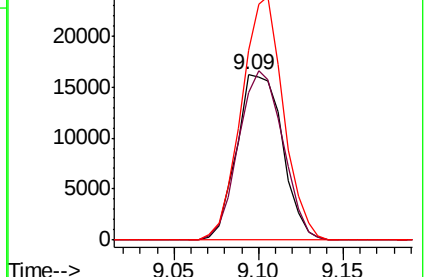
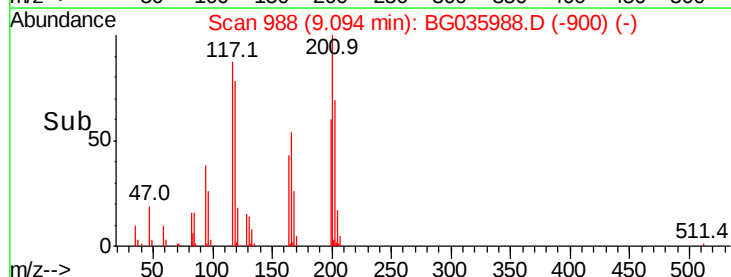
201 115.1 95.7 143.5

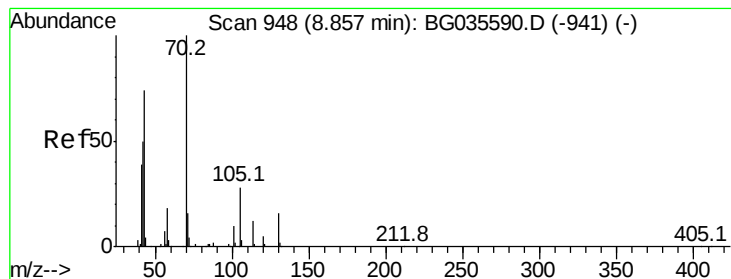


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.149 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 69909

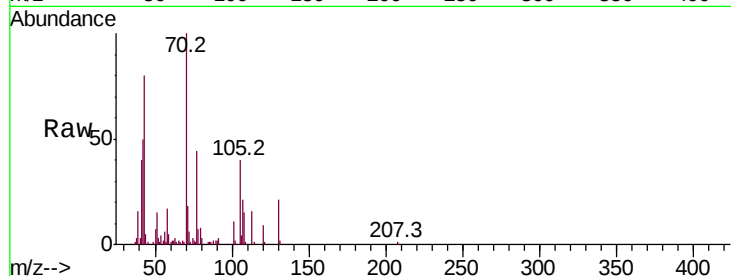
Ion Ratio Lower Upper

70 100

42 49.8 49.1 73.7

101 10.9 8.5 12.7

130 20.8 13.4 20.0#

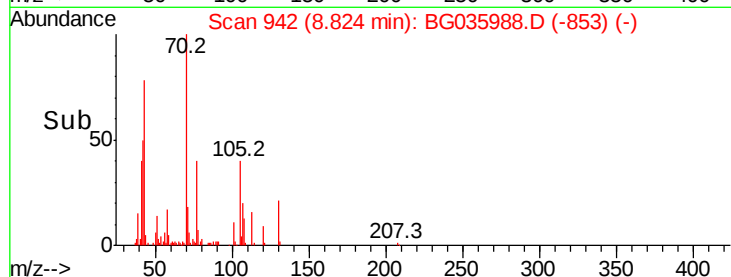
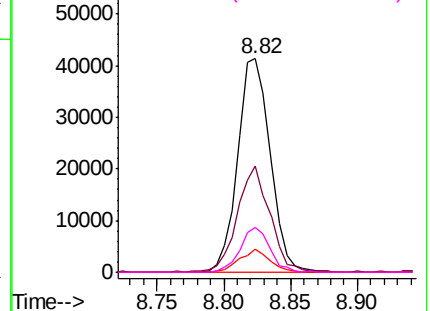


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 44.114 ng

RT: 8.79 min Scan# 937

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Tgt Ion: 107 Resp: 105278

Ion Ratio Lower Upper

107 100

108 92.4 61.6 101.6

77 42.7 13.9 53.9

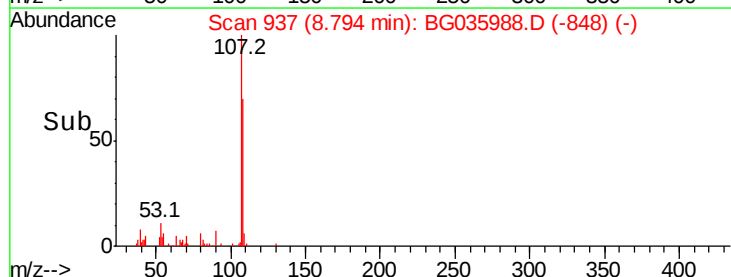
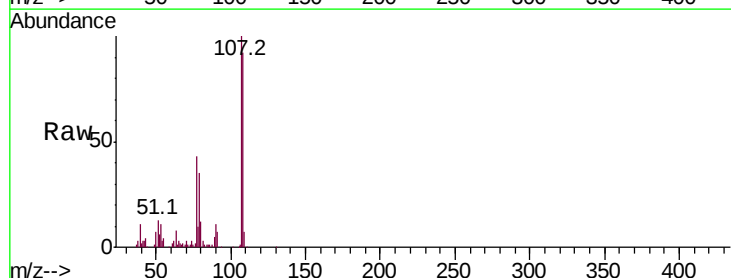
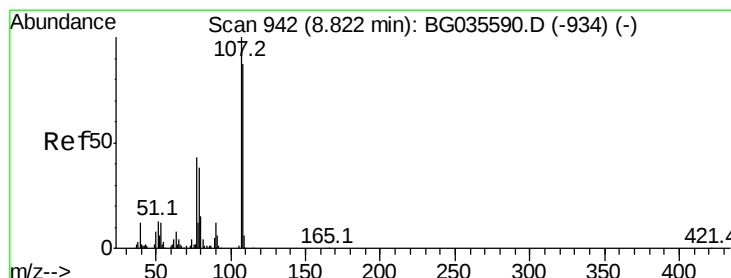
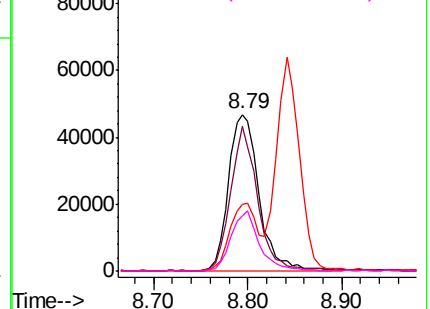
79 35.2 8.8 48.8

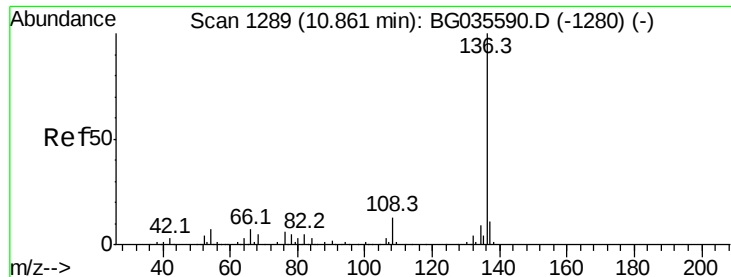
Abundance Ion 107.00 (106.70 to 107.70): BGC

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: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 116653

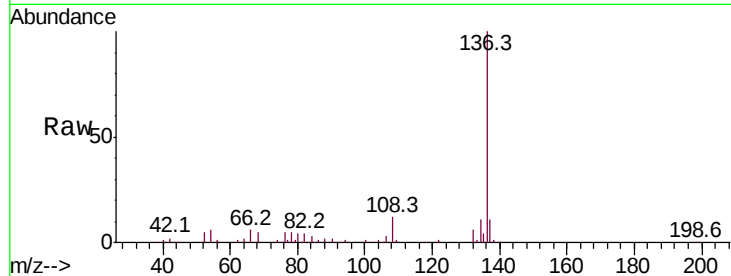
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 6.4 10.3 15.5#

68 5.1 4.5 6.7

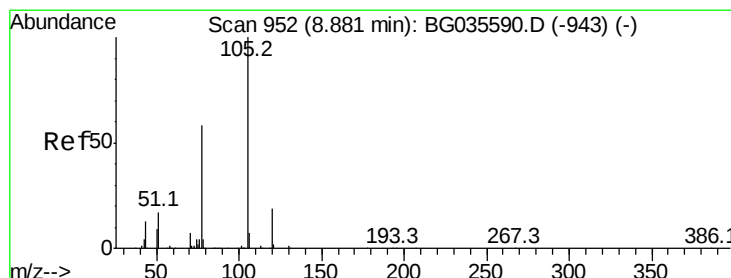
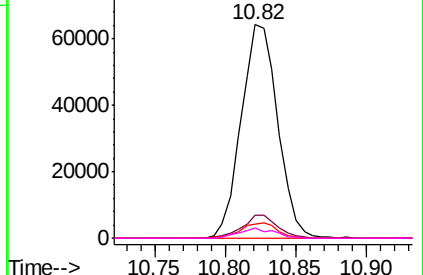
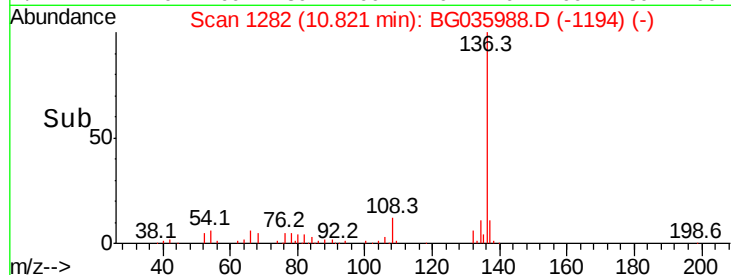


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 36.194 ng

RT: 8.84 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Tgt Ion:105 Resp: 131295

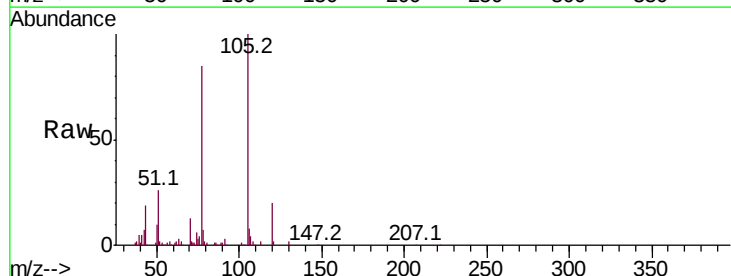
Ion Ratio Lower Upper

105 100

71 2.1 3.0 4.4#

51 25.6 26.1 39.1#

120 19.8 17.4 26.2

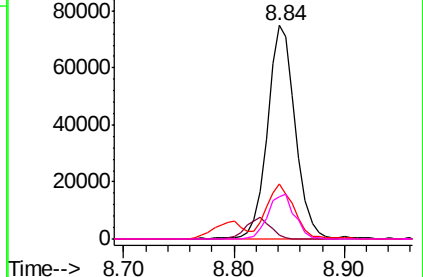
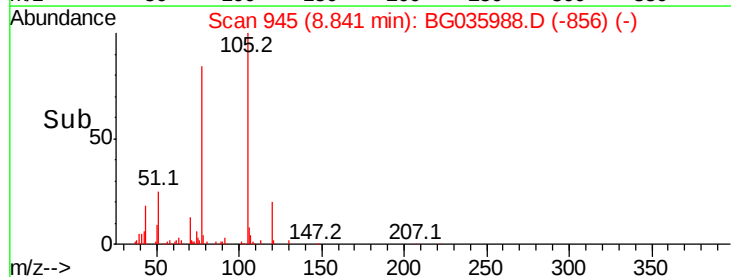


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

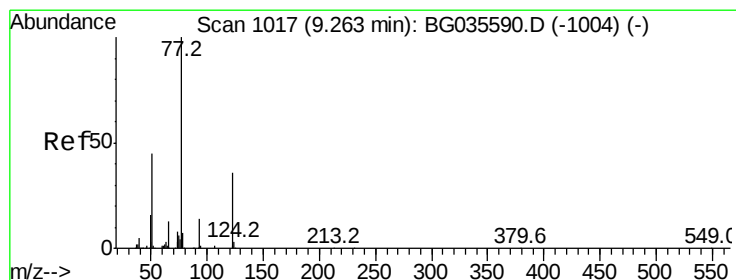
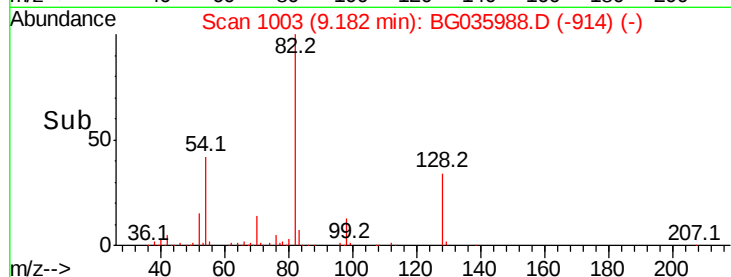
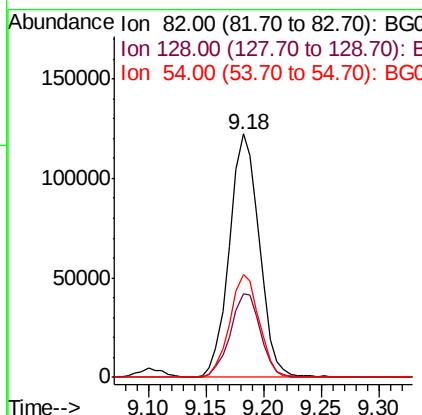
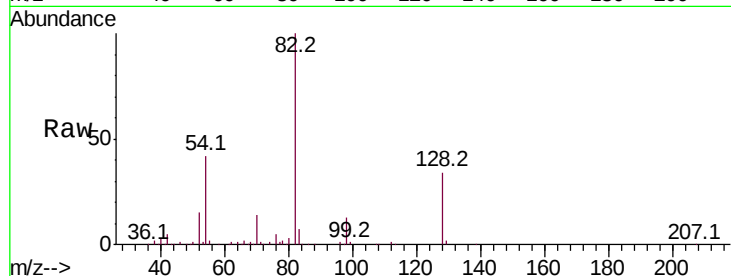




#23
 Nitrobenzene-d5
 Concen: 78.705 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

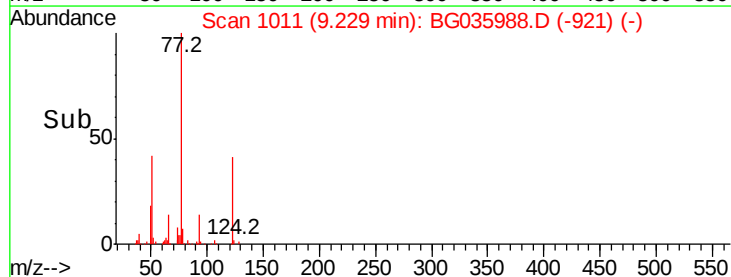
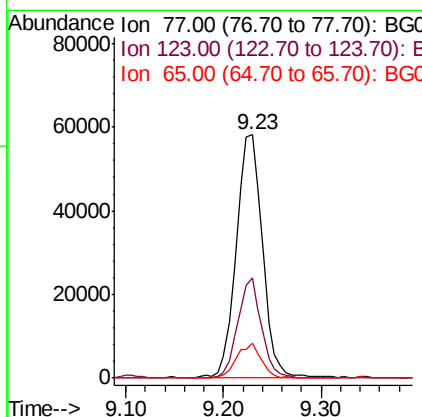
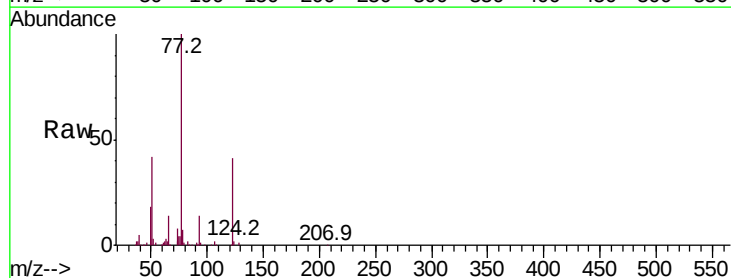
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 219779
 Ion Ratio Lower Upper
 82 100
 128 34.4 29.7 44.5
 54 42.1 43.1 64.7#



#24
 Nitrobenzene
 Concen: 38.942 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion: 77 Resp: 109362
 Ion Ratio Lower Upper
 77 100
 123 41.1 33.0 49.6
 65 14.1 13.0 19.6





#25

Isophorone

Concen: 39.719 ng

RT: 9.75 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

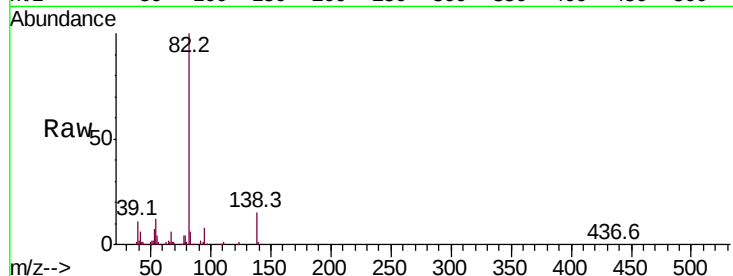
Tot Ion: 82 Resp: 205893

Ion Ratio Lower Upper

82 100

95 8.5 6.2 9.2

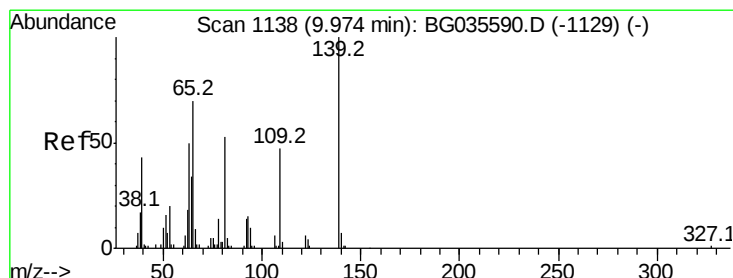
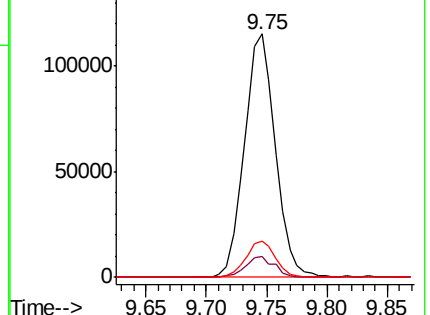
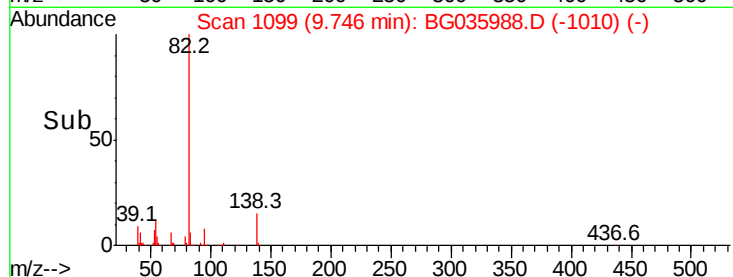
138 14.8 12.1 18.1



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: 44.184 ng

RT: 9.93 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

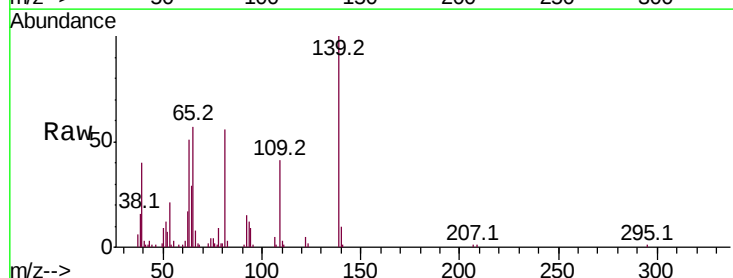
Tgt Ion: 139 Resp: 44068

Ion Ratio Lower Upper

139 100

109 41.3 24.2 36.2#

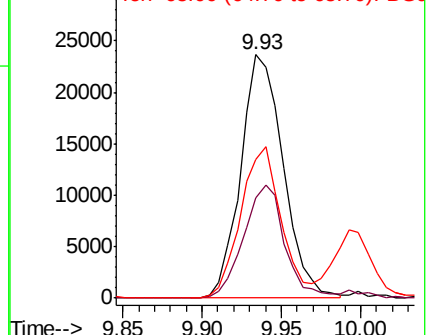
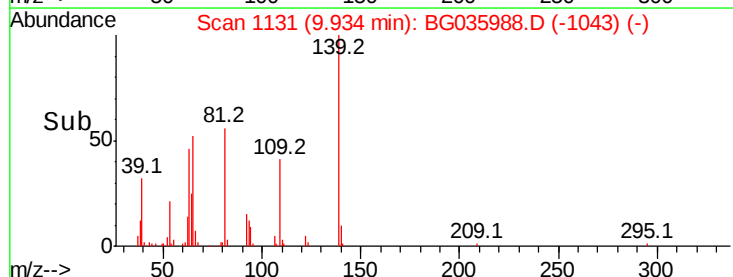
65 56.7 47.4 71.0



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) (-)

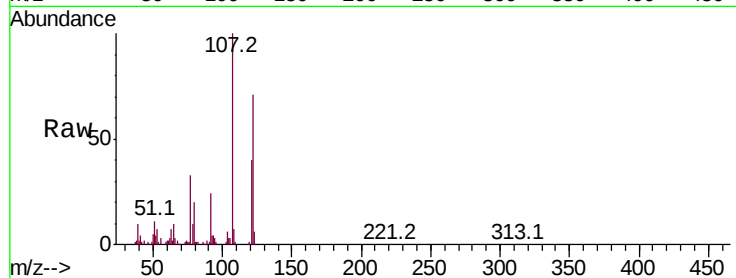




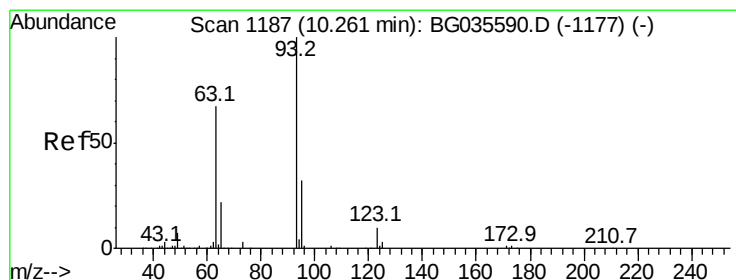
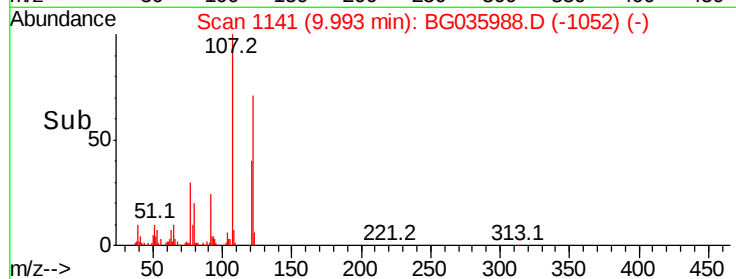
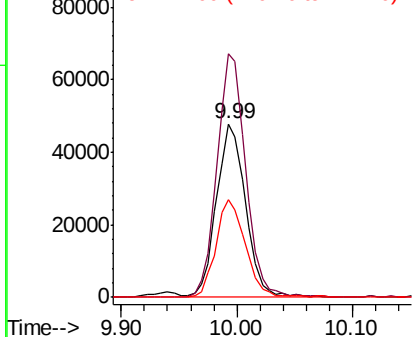
#27
2,4-Dimethylphenol
Concen: 49.741 ng
RT: 9.99 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 83978
Ion Ratio Lower Upper
122 100
107 140.5 100.2 150.2
121 56.6 44.4 66.6

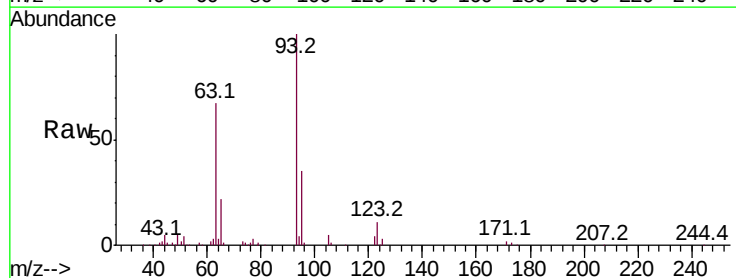


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

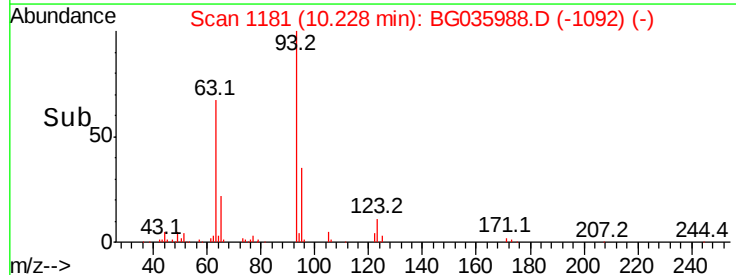
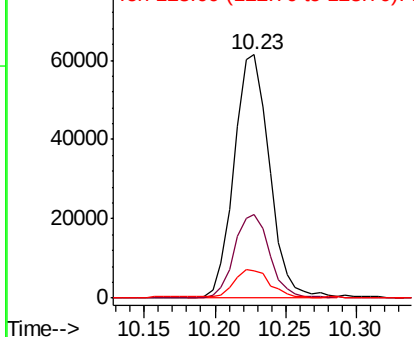


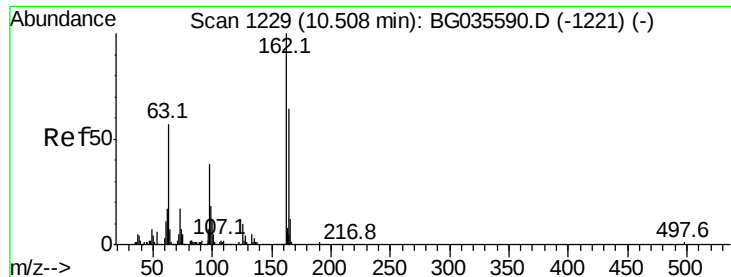
#28
bis(2-Chloroethoxy)methane
Concen: 37.797 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion: 93 Resp: 107962
Ion Ratio Lower Upper
93 100
95 34.6 24.3 36.5
123 11.4 8.4 12.6



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

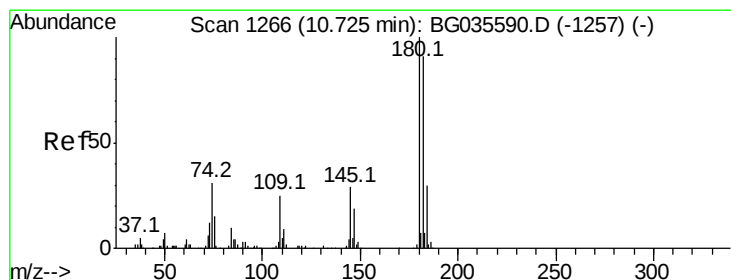
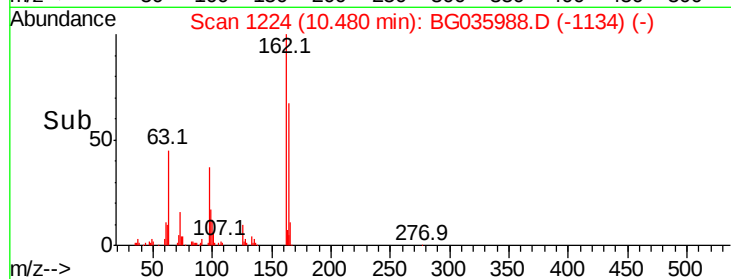
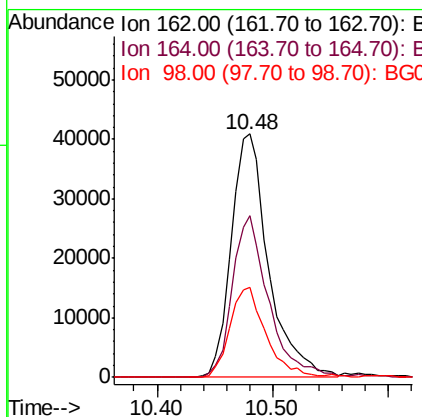
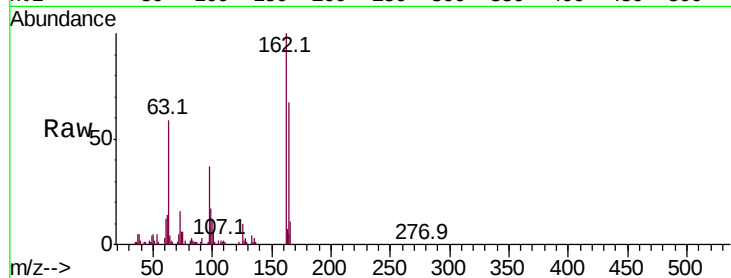




#29
2,4-Dichlorophenol
Concen: 47.433 ng
RT: 10.48 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

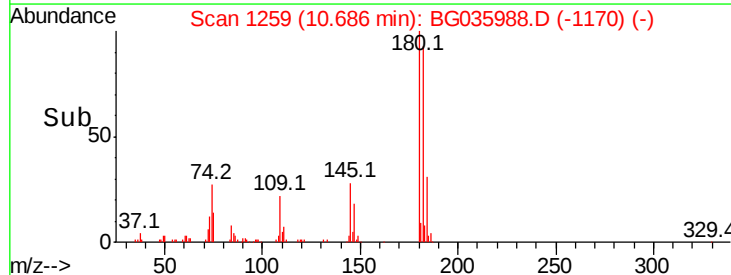
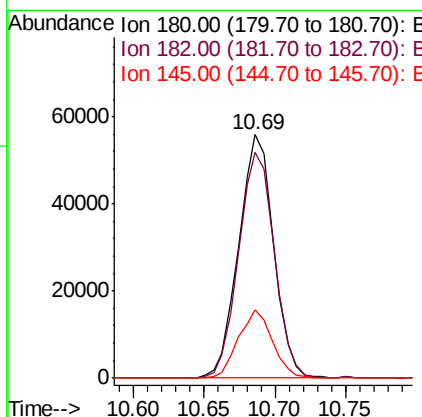
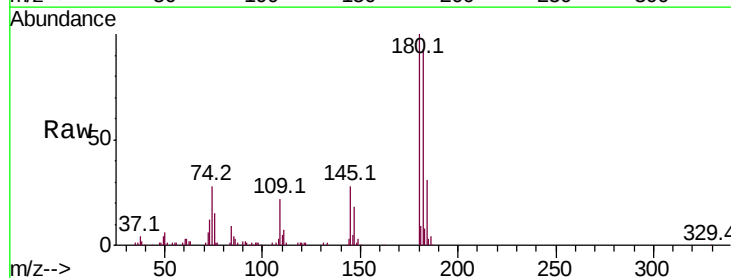
Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 91413
Ion Ratio Lower Upper
162 100
164 66.5 48.0 88.0
98 37.0 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 40.925 ng
RT: 10.69 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion:180 Resp: 96714
Ion Ratio Lower Upper
180 100
182 92.9 77.5 116.3
145 28.1 23.4 35.2

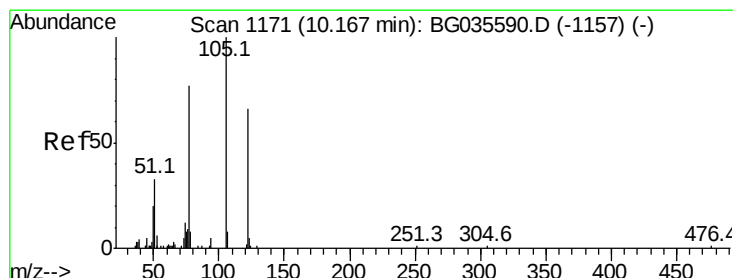
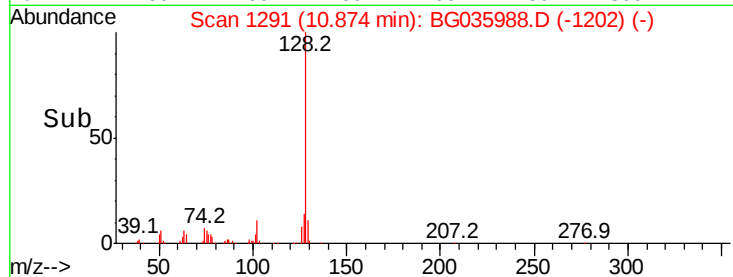
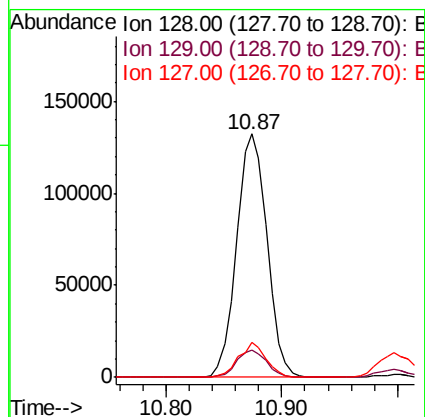
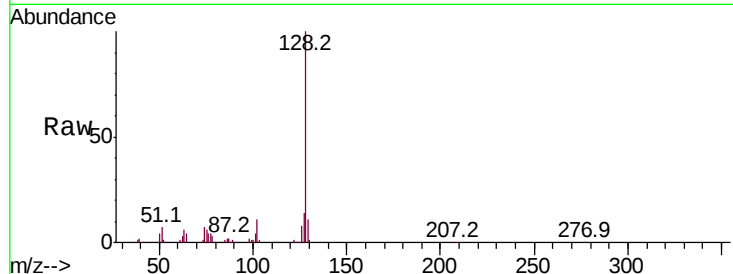




#31
Naphthalene
Concen: 39.530 ng
RT: 10.87 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

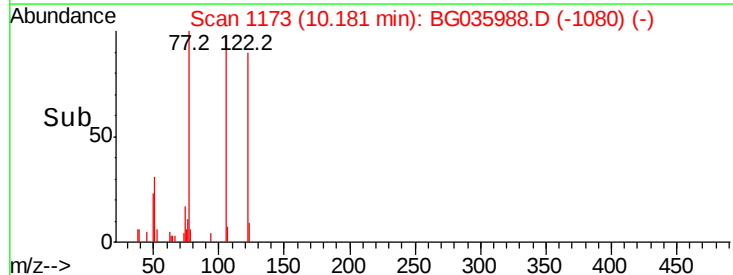
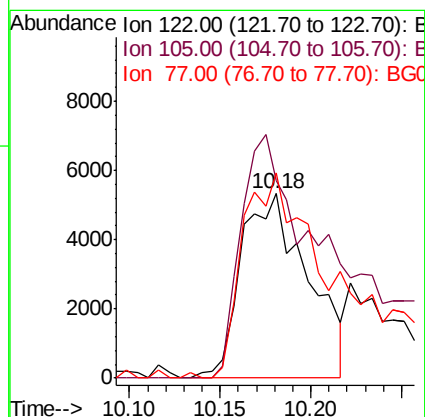
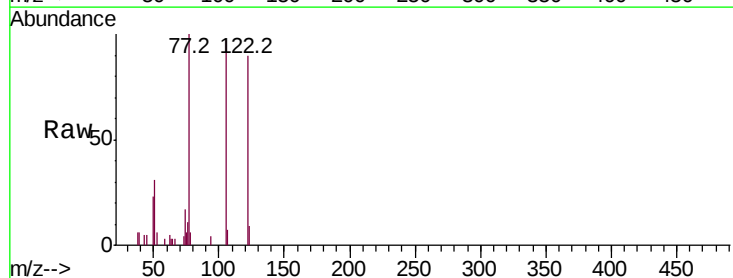
Instrument :
BNA_G
ClientSampleId :

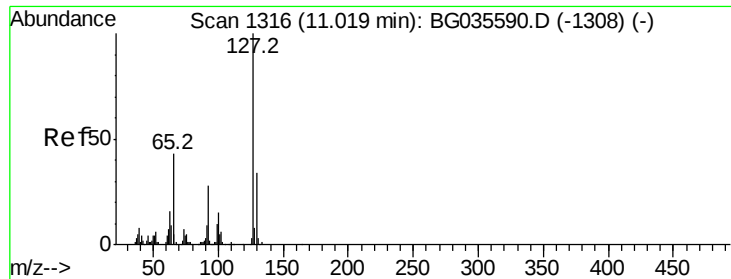
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.2	11.6	17.4



#32
Benzoic acid
Concen: 12.023 ng
RT: 10.18 min Scan# 1173
Delta R.T. 0.02 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.4	123.5	163.5#
77	111.2	85.7	125.7

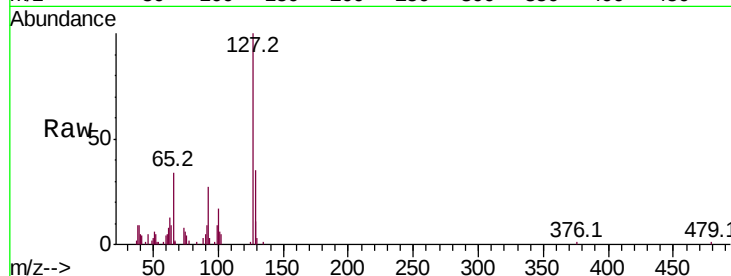




#33
4-Chloroaniline
Concen: 10.982 ng
RT: 11.00 min Scan# 1312
Delta R.T. 0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.6	24.0	36.0
65	33.9	27.0	40.4
92	26.8	16.6	25.0



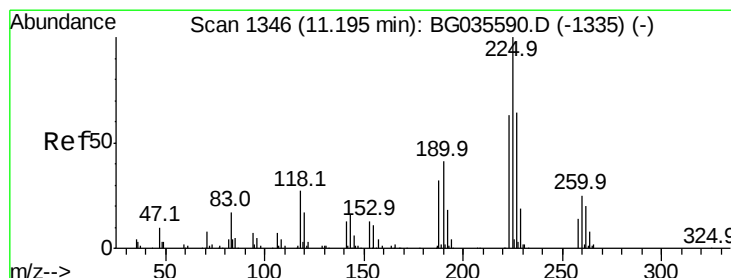
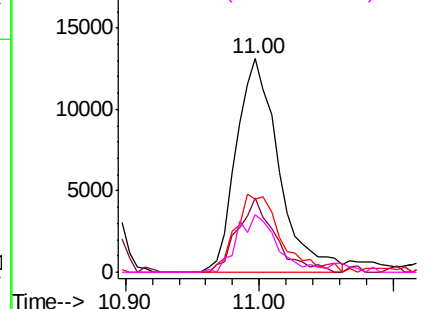
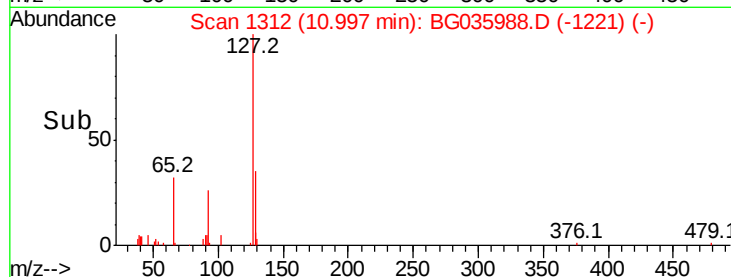
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

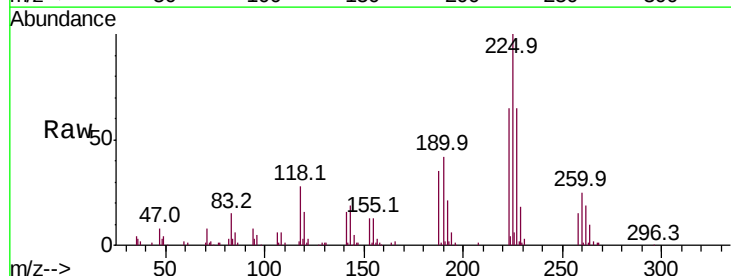
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.611 ng
RT: 11.16 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.7	74.5
227	64.8	48.1	72.1

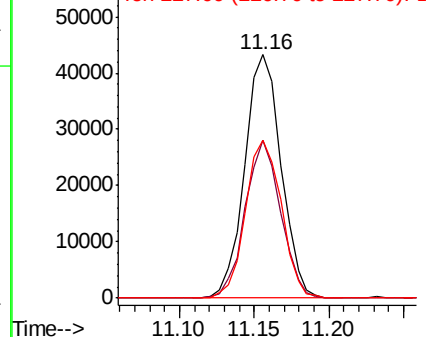
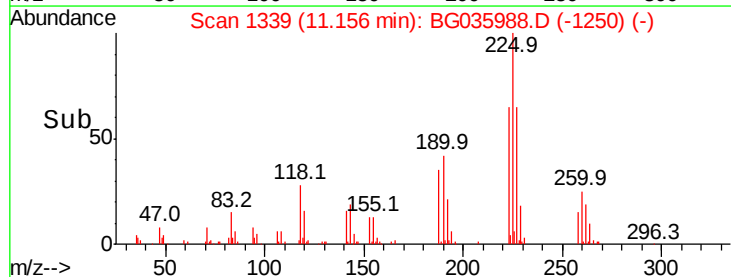


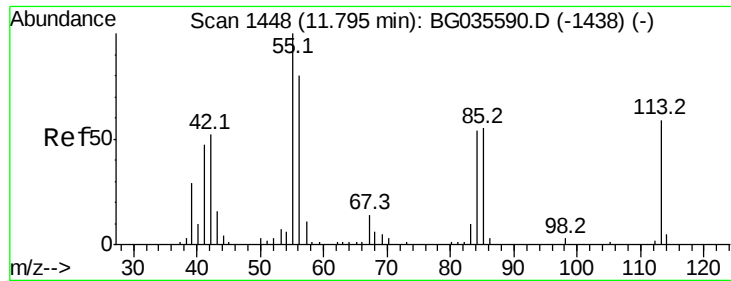
Abundance

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: 24.980 ng

RT: 11.76 min Scan# 1441

Delta R.T. -0.02 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampled :

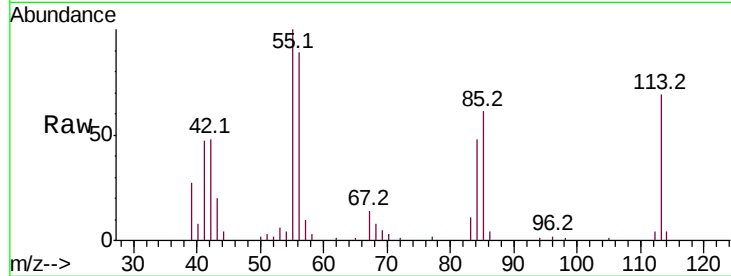
Tot Ion:113 Resp: 20659

Ion Ratio Lower Upper

113 100

55 144.2 186.9 226.9#

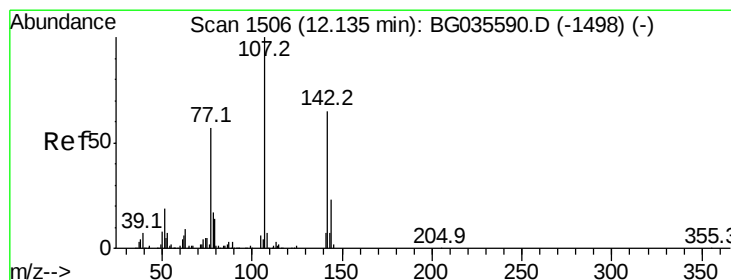
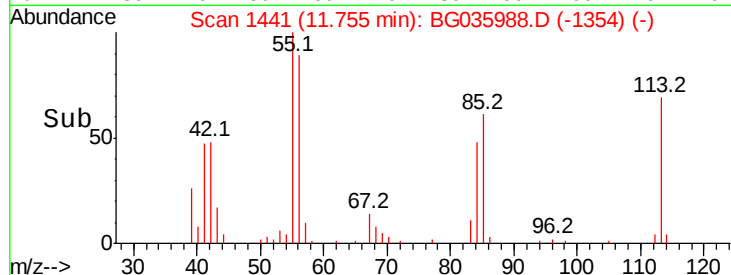
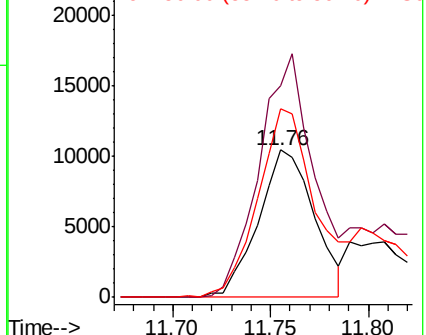
56 128.4 130.9 170.9#



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: 45.372 ng

RT: 12.11 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

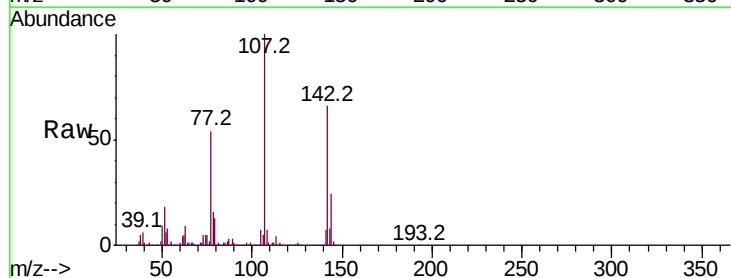
Tgt Ion:107 Resp: 117206

Ion Ratio Lower Upper

107 100

144 23.8 18.2 27.4

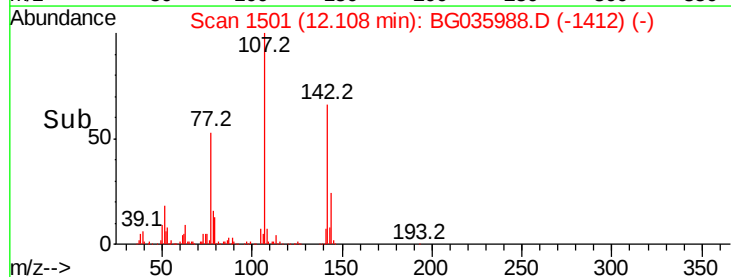
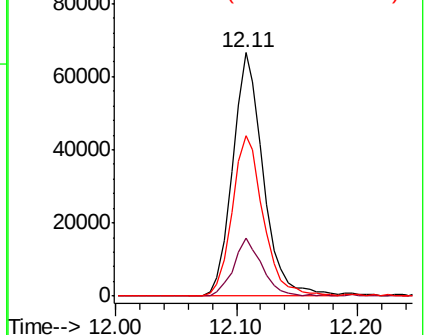
142 65.7 59.0 88.4



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

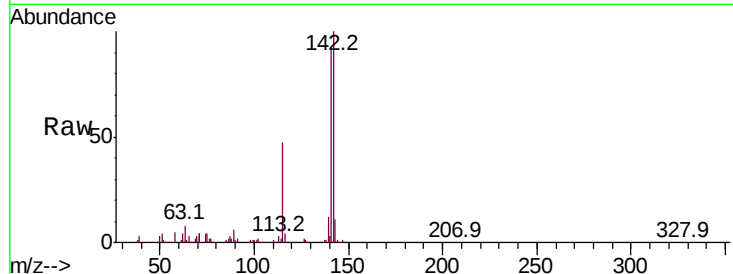




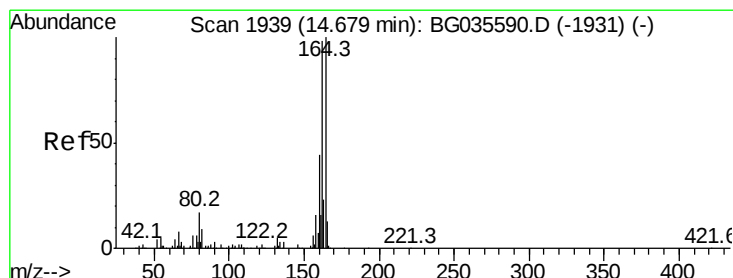
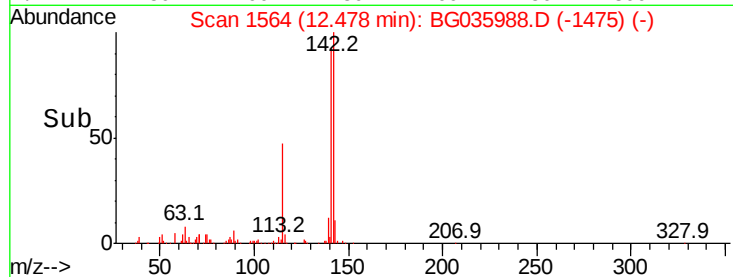
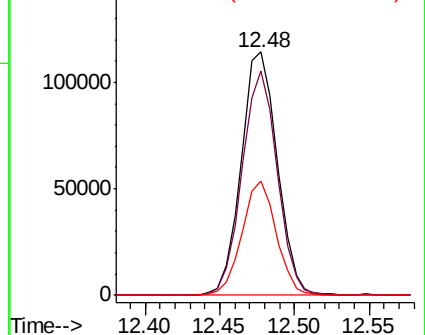
#37
 2-Methylnaphthalene
 Concen: 42.368 ng
 RT: 12.48 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 191806
 Ion Ratio Lower Upper
 142 100
 141 92.2 67.1 100.7
 115 46.8 30.7 46.1#

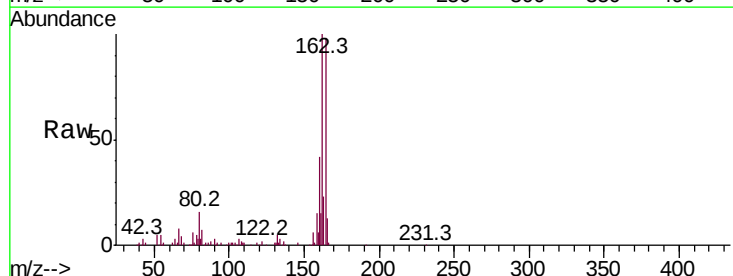


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

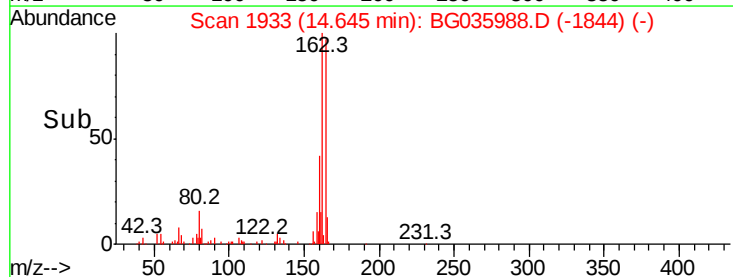
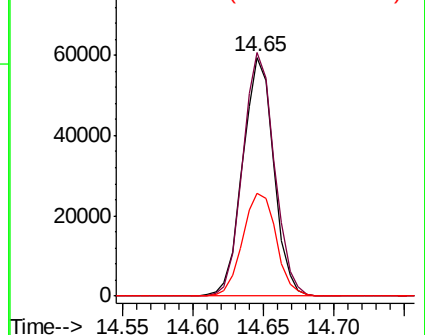


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:164 Resp: 91365
 Ion Ratio Lower Upper
 164 100
 162 102.0 78.8 118.2
 160 43.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.134 ng

RT: 12.84 min Scan# 1626

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 131502

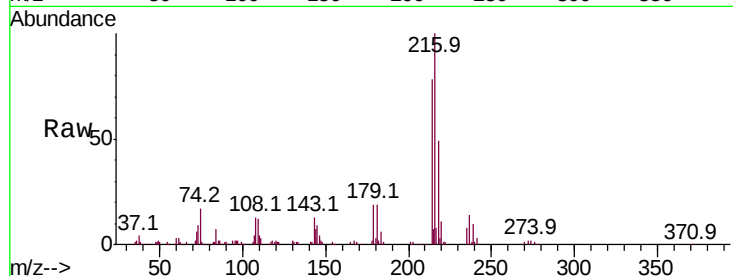
Ion Ratio Lower Upper

216 100

214 80.7 63.0 94.4

179 20.6 17.0 25.6

108 15.5 12.8 19.2

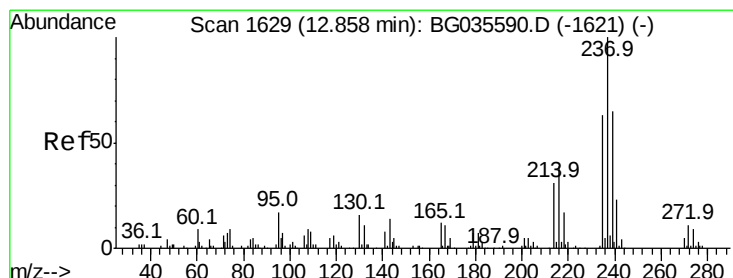
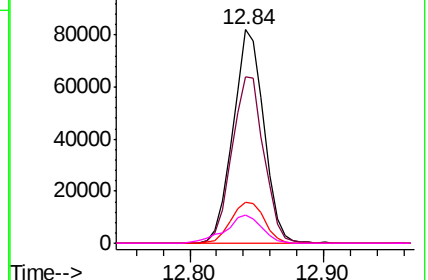
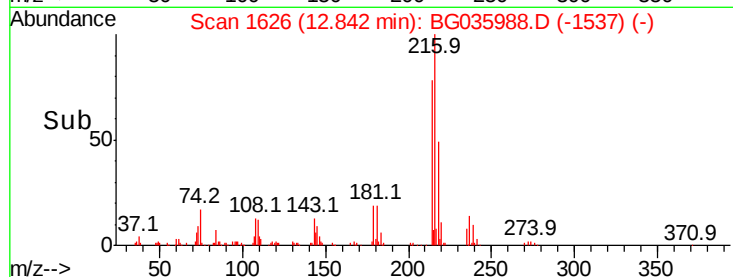


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.754 ng

RT: 12.82 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

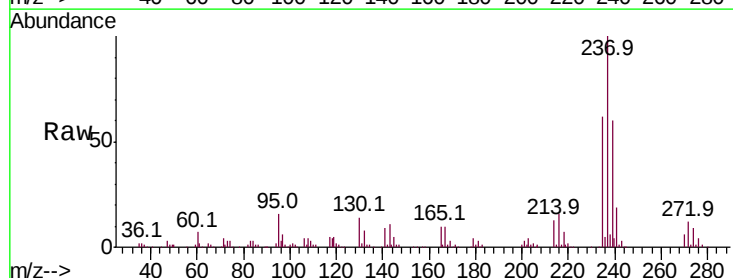
Tgt Ion:237 Resp: 156896

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

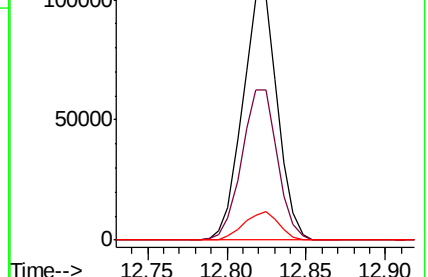
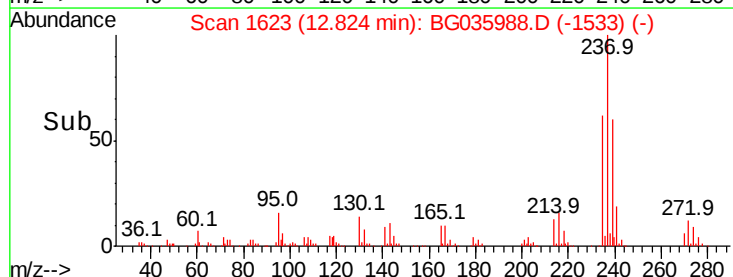
272 12.0 0.0 31.8



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

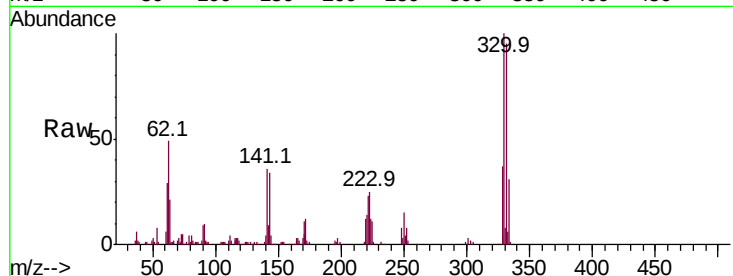




#41
 2,4,6-Tribromophenol
 Concen: 91.516 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	40.2	25.2	37.8#

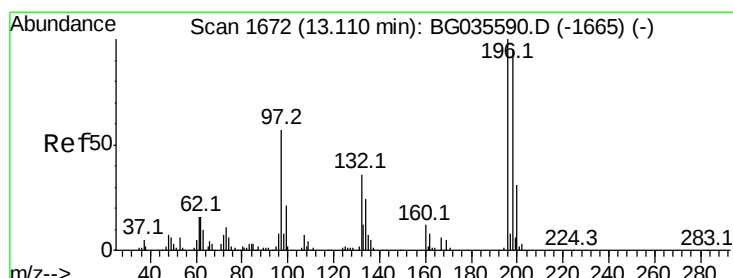
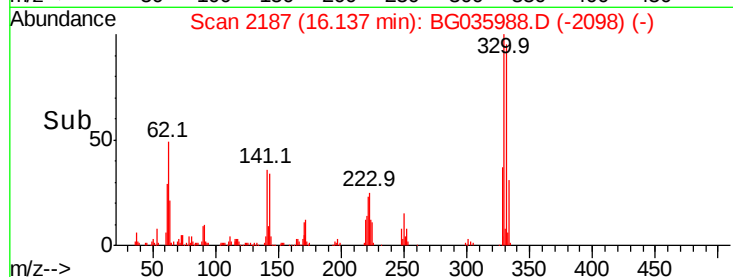
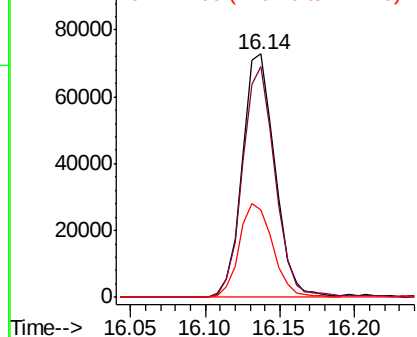


Abundance

Ion 329.80 (329.50 to 330.50): E

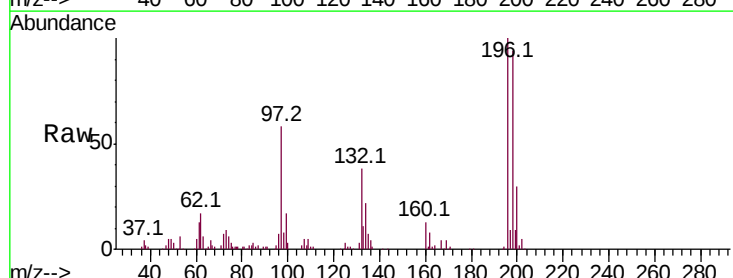
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 43.223 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	78.2	117.2
200	30.3	24.6	36.8

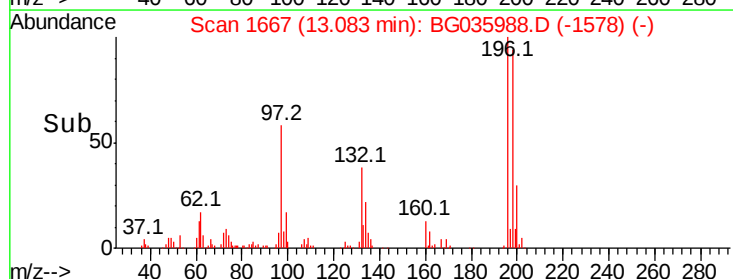
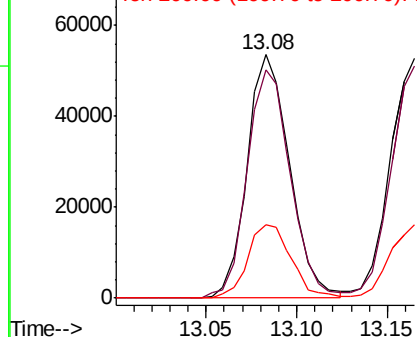


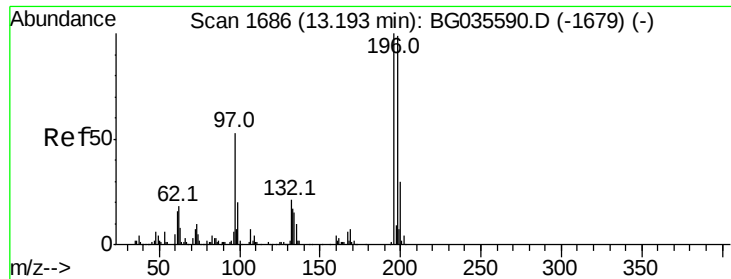
Abundance

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

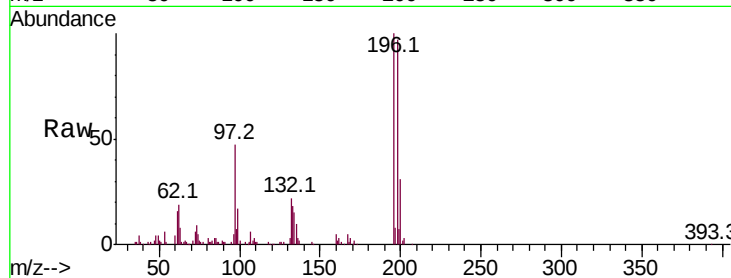




#43
2,4,5-Trichlorophenol
Concen: 42.499 ng
RT: 13.16 min Scan# 1681
Delta R.T. 0.00 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.2	114.4
97	47.2	38.7	58.1
132	22.1	20.2	30.2



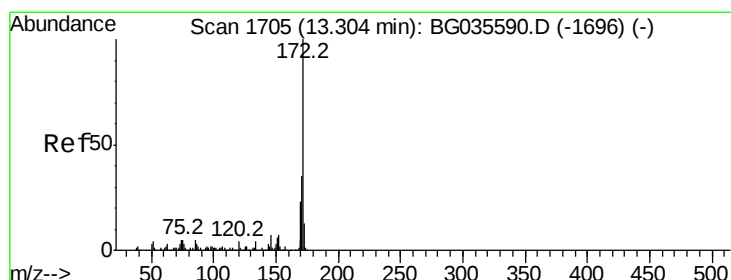
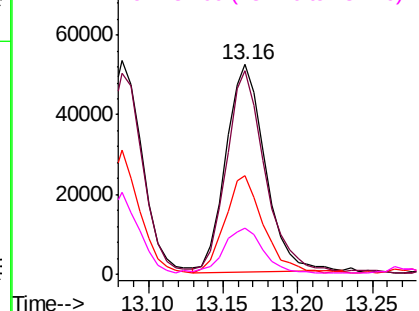
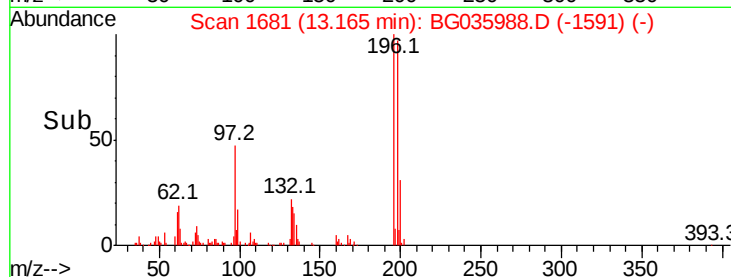
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

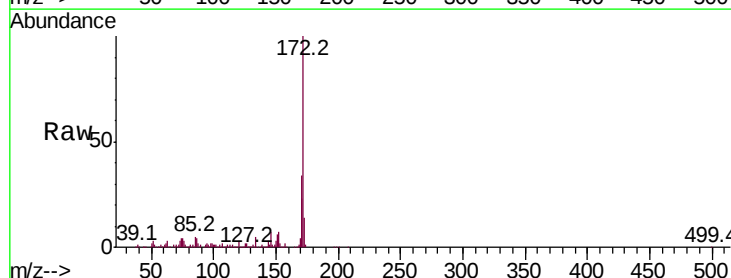
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 78.216 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.2	19.5	29.3

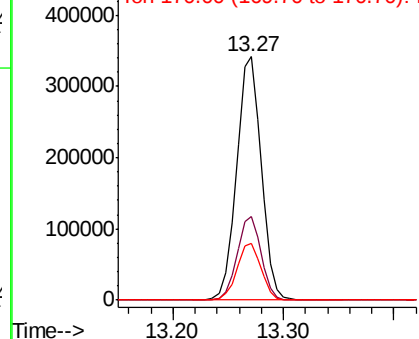
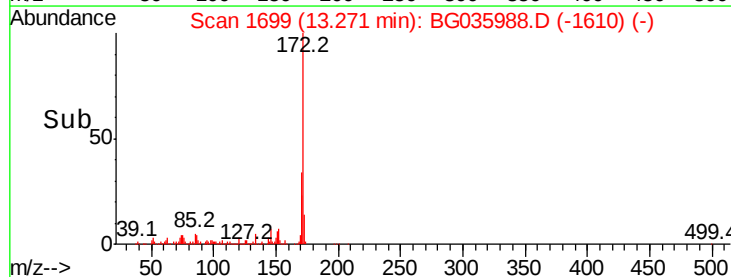


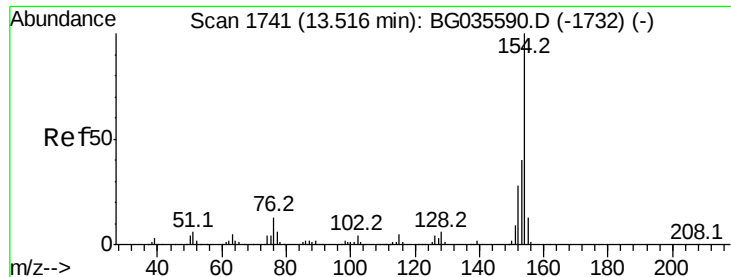
Abundance

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

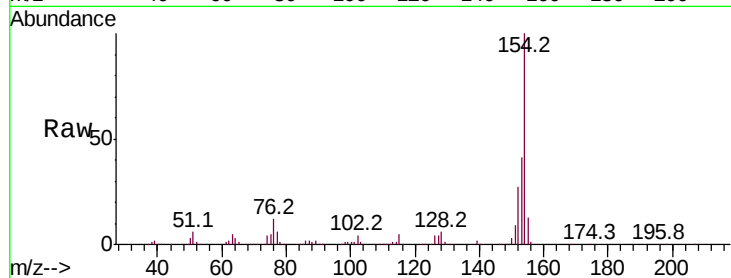




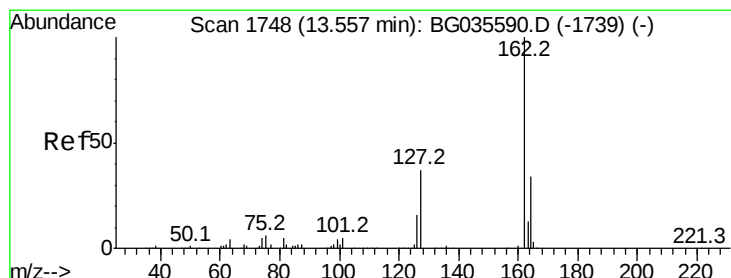
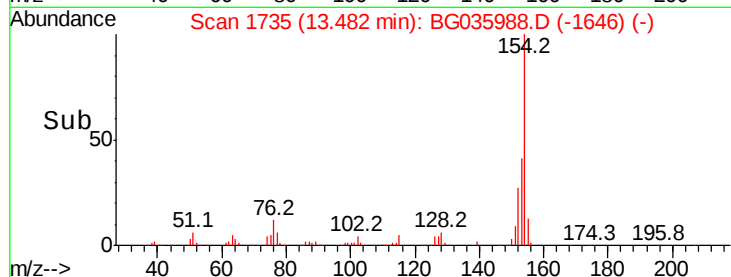
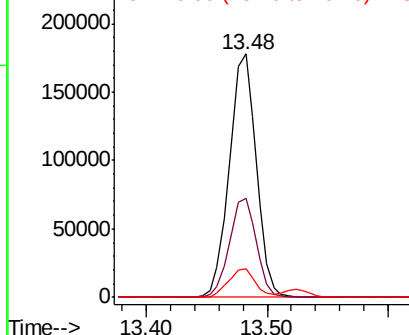
#45
 1,1'-Biphenyl
 Concen: 38.991 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 276194
 Ion Ratio Lower Upper
 154 100
 153 40.5 19.8 59.8
 76 11.8 0.0 31.9

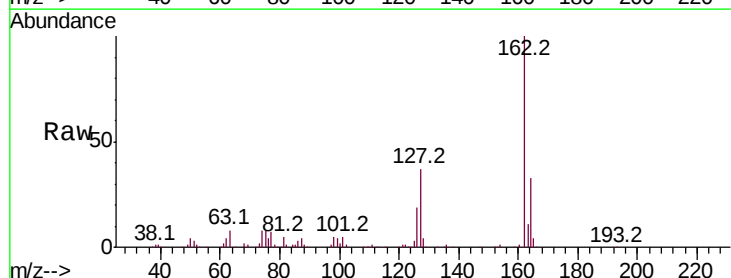


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

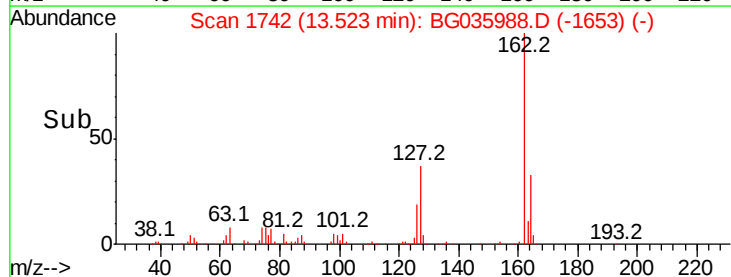
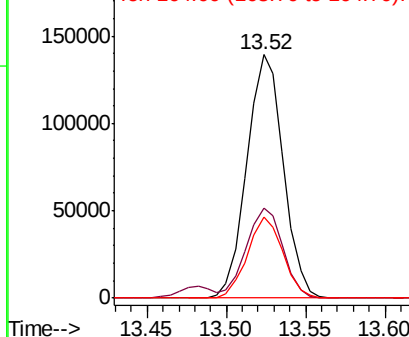


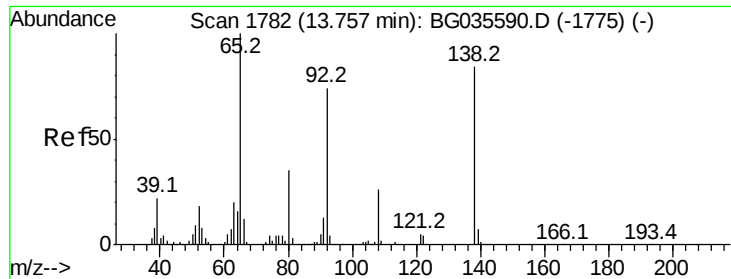
#46
 2-Chloronaphthalene
 Concen: 40.415 ng
 RT: 13.52 min Scan# 1742
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:162 Resp: 222682
 Ion Ratio Lower Upper
 162 100
 127 36.8 30.7 46.1
 164 33.1 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.306 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

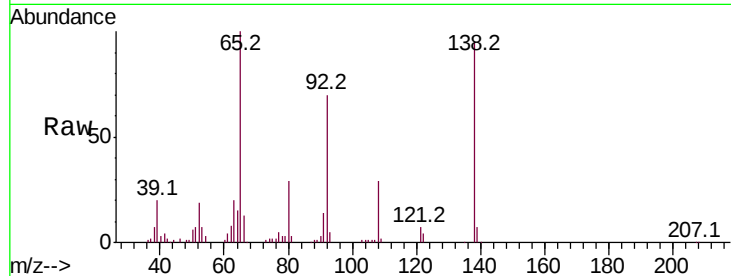
Tot Ion: 65 Resp: 76565

Ion Ratio Lower Upper

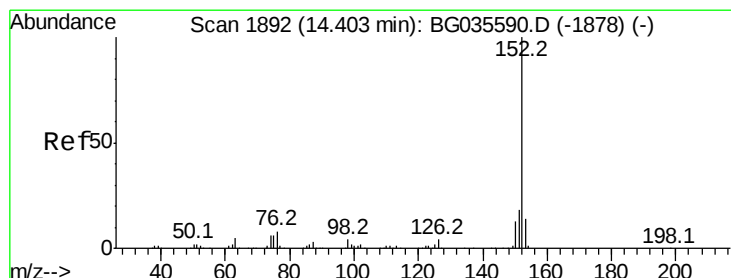
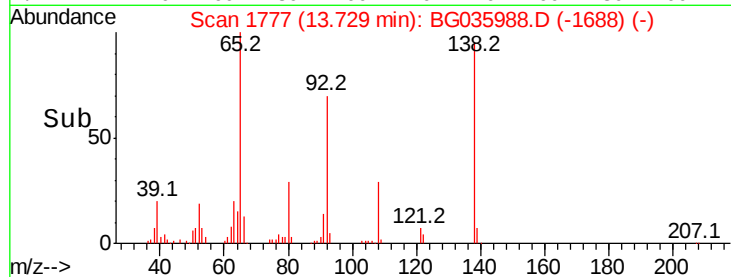
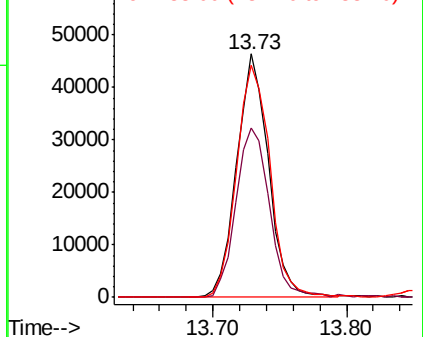
65 100

92 69.6 54.6 82.0

138 95.3 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 40.200 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

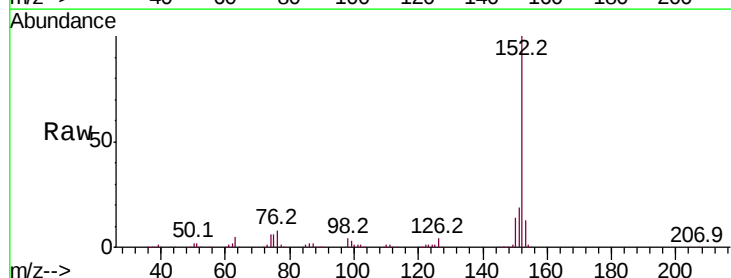
Tgt Ion: 152 Resp: 371032

Ion Ratio Lower Upper

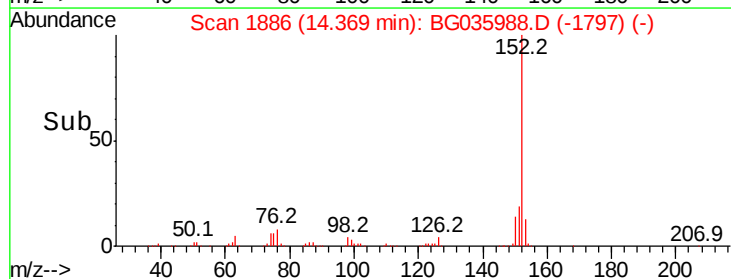
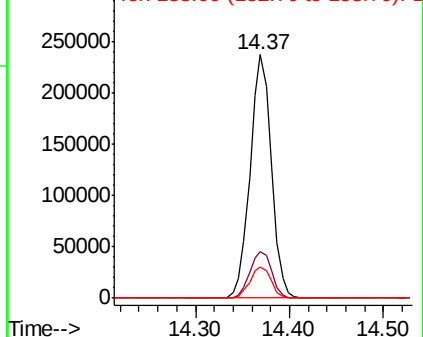
152 100

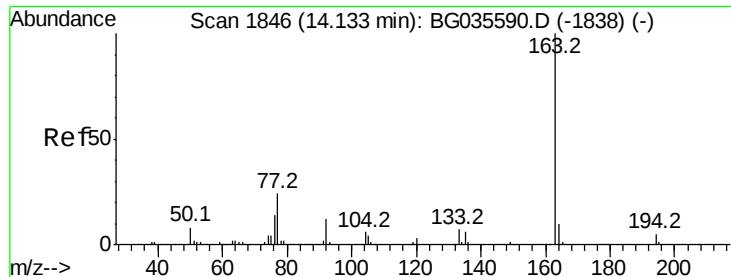
151 19.3 17.2 25.8

153 13.0 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

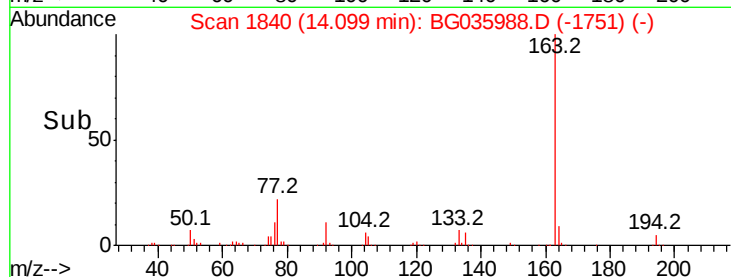
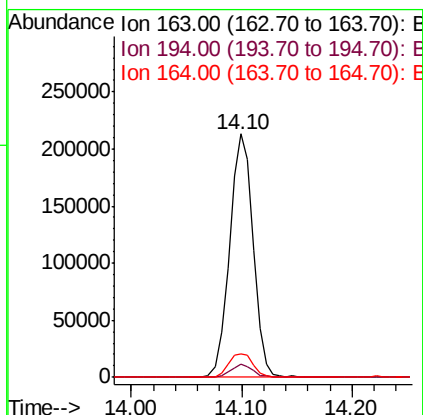
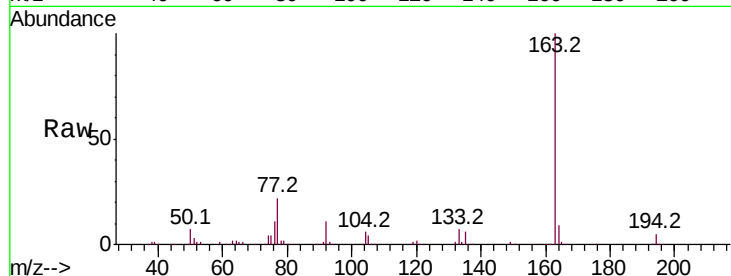




#49
Dimethylphthalate
Concen: 39.626 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

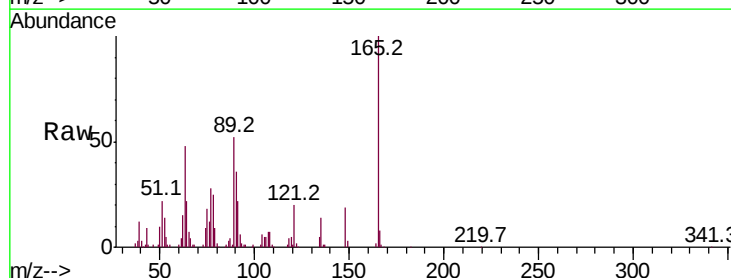
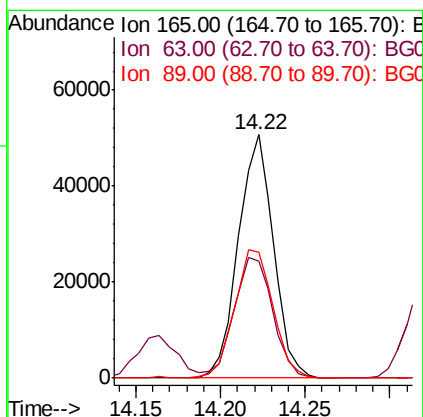
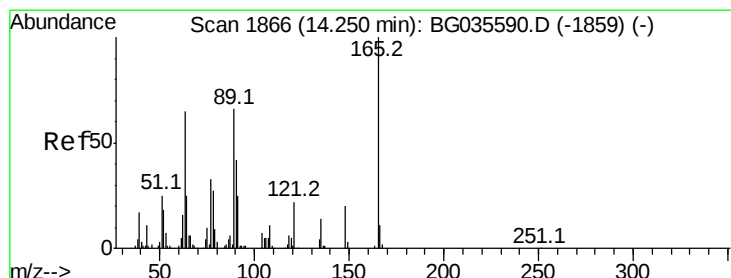
Instrument :
BNA_G
ClientSampleId :

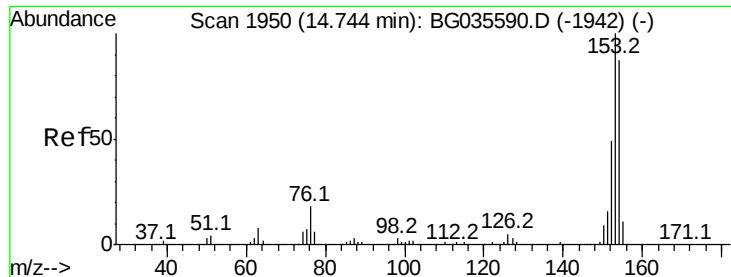
Tot Ion:163 Resp: 317200
Ion Ratio Lower Upper
163 100
194 5.2 3.4 5.2#
164 9.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 44.999 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion:165 Resp: 73353
Ion Ratio Lower Upper
165 100
63 48.0 52.7 79.1#
89 51.8 49.2 73.8





#51

Acenaphthene

Concen: 37.555 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

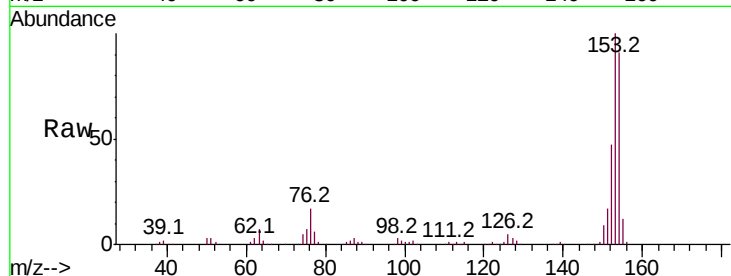
Tot Ion:154 Resp: 215921

Ion Ratio Lower Upper

154 100

153 110.1 90.4 135.6

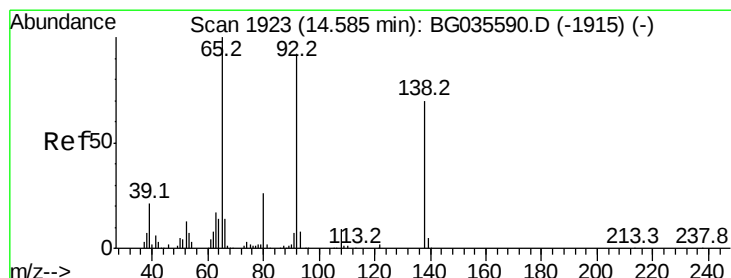
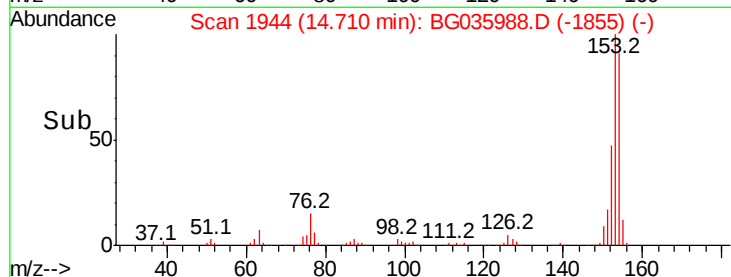
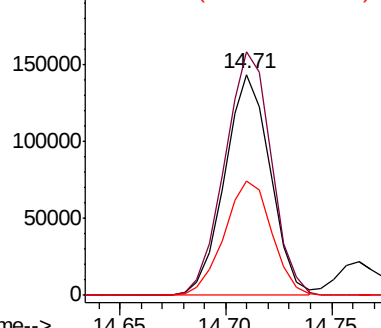
152 51.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.257 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

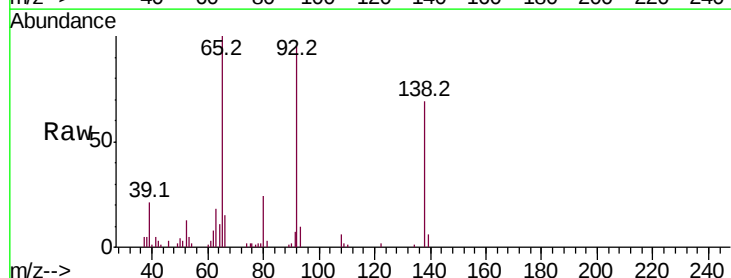
Tgt Ion:138 Resp: 28751

Ion Ratio Lower Upper

138 100

108 9.1 17.5 26.3#

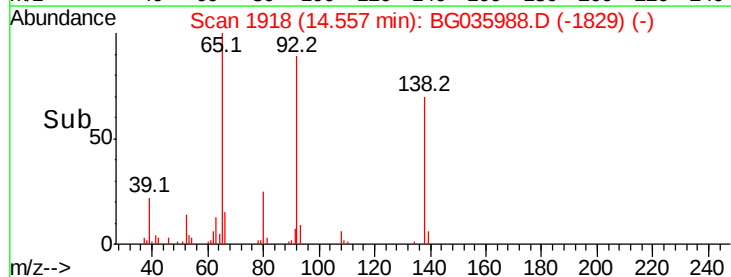
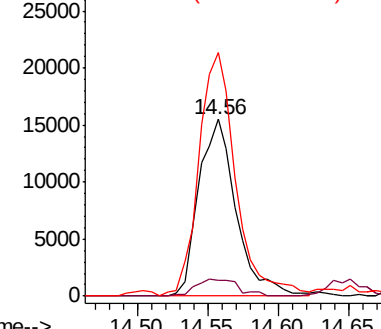
92 137.6 105.8 158.8

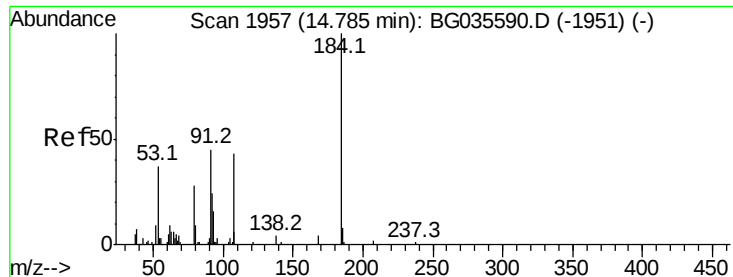


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

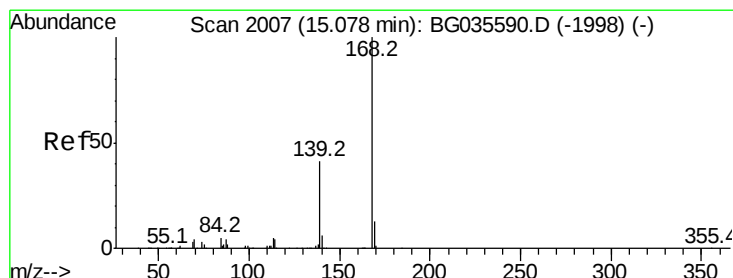
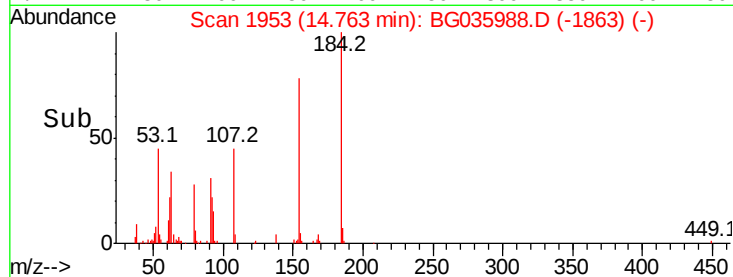
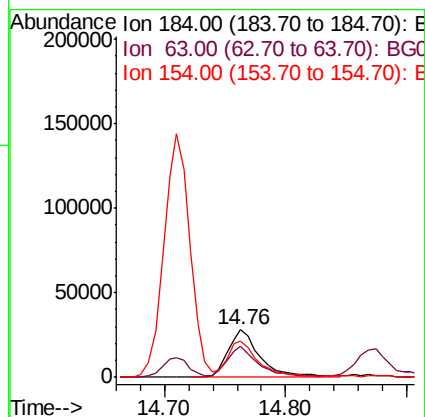
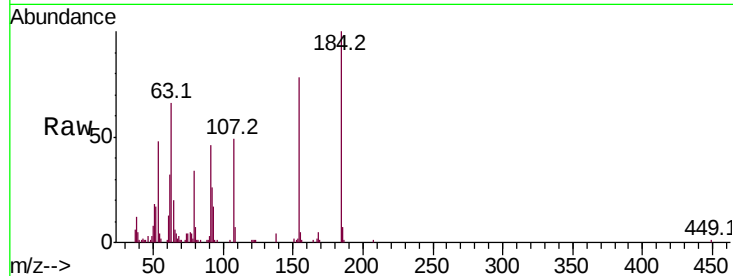




#53
2,4-Dinitrophenol
Concen: 63.332 ng
RT: 14.76 min Scan# 1953
Delta R.T. 0.00 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

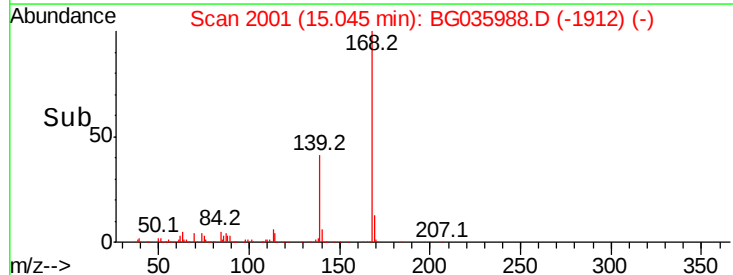
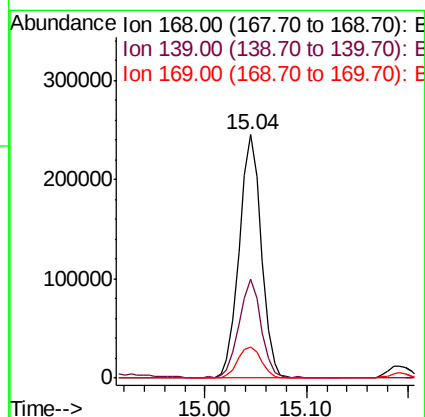
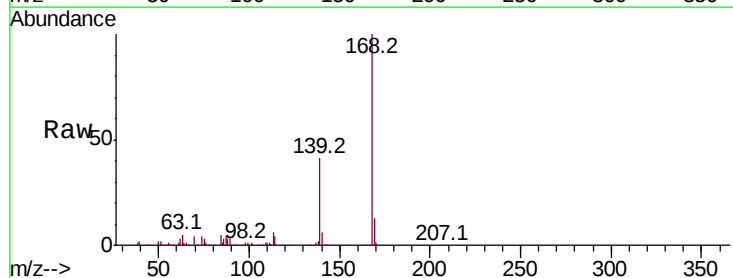
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 51836
Ion Ratio Lower Upper
184 100
63 65.7 59.8 89.8
154 77.9 101.8 152.8#



#54
Dibenzofuran
Concen: 40.536 ng
RT: 15.04 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion:168 Resp: 370656
Ion Ratio Lower Upper
168 100
139 40.6 28.6 43.0
169 13.0 11.2 16.8





#55

4-Nitrophenol

Concen: 78.184 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampled :

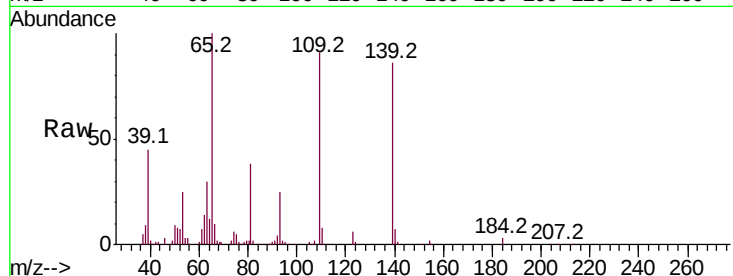
Tot Ion:139 Resp: 92767

Ion Ratio Lower Upper

139 100

109 105.7 62.2 102.2#

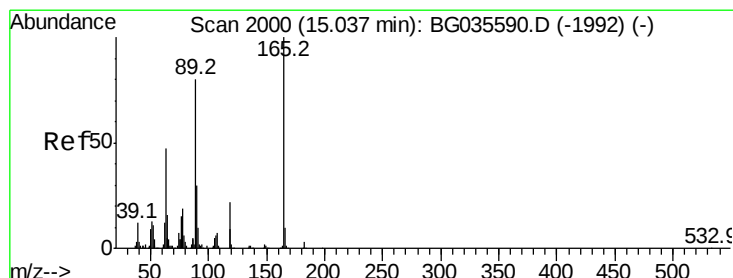
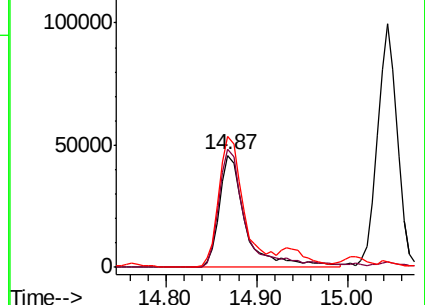
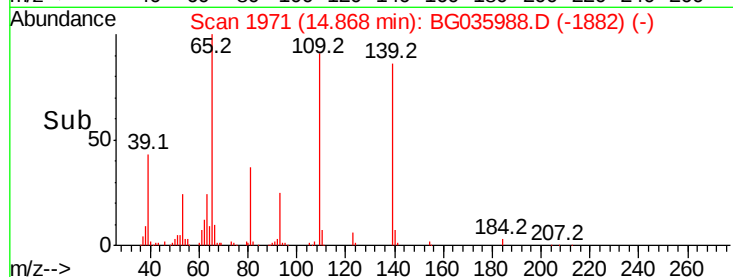
65 116.4 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 48.086 ng

RT: 15.01 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Tgt Ion:165 Resp: 112455

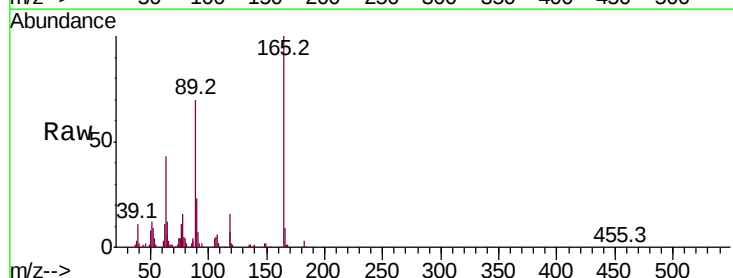
Ion Ratio Lower Upper

165 100

63 43.1 42.0 63.0

89 69.8 66.9 100.3

182 2.7 2.6 3.8

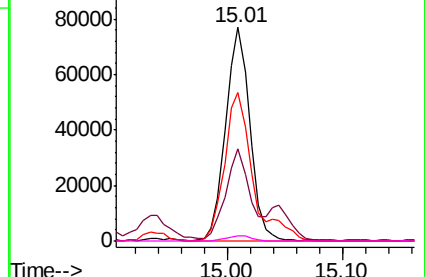
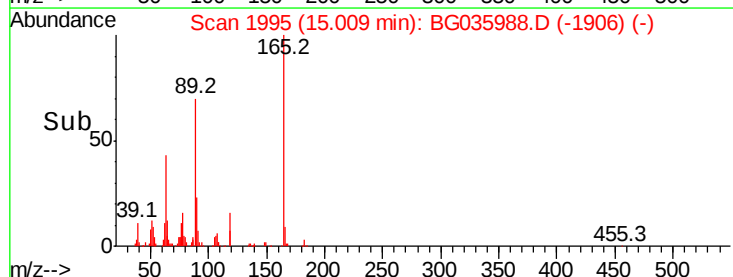


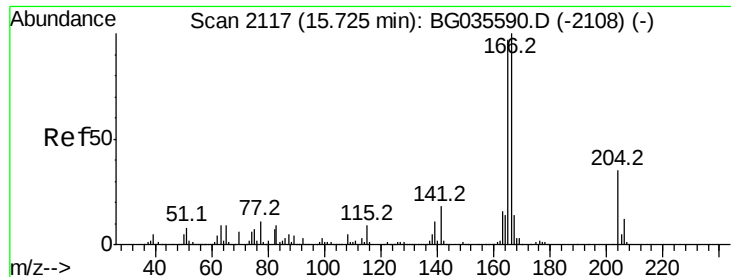
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

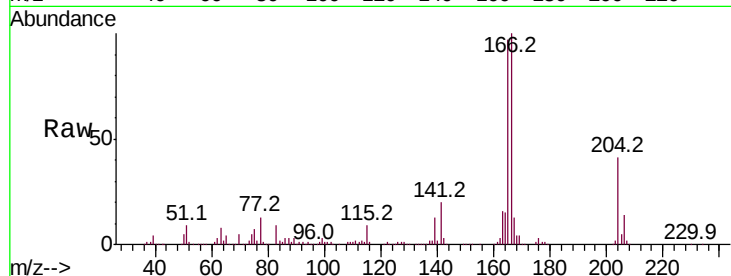




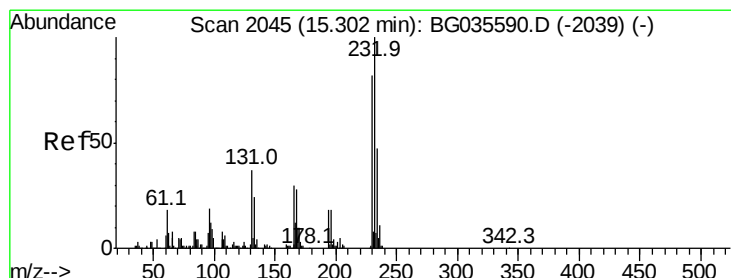
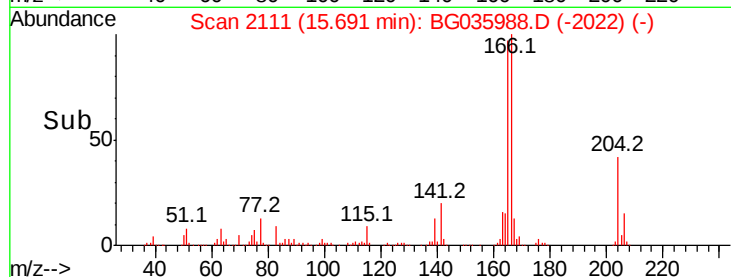
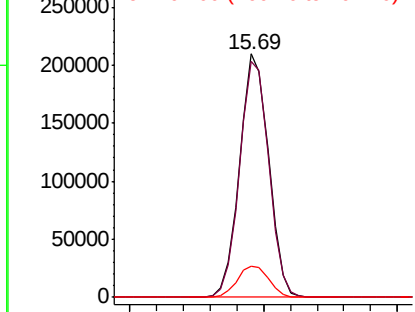
#57
 Fluorene
 Concen: 40.891 ng
 RT: 15.69 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 313382
 Ion Ratio Lower Upper
 166 100
 165 96.9 80.6 121.0
 167 12.7 10.4 15.6



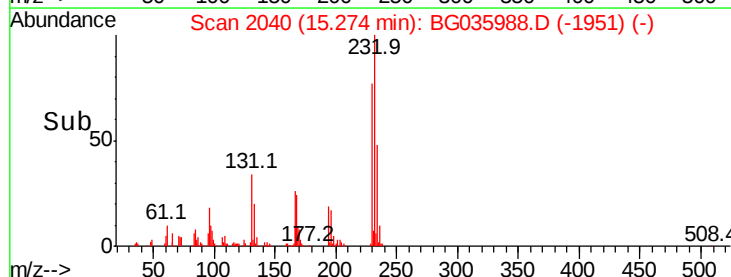
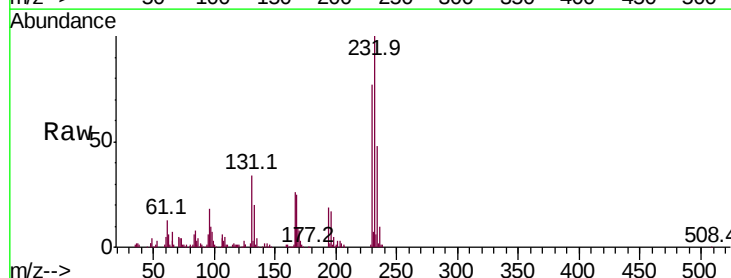
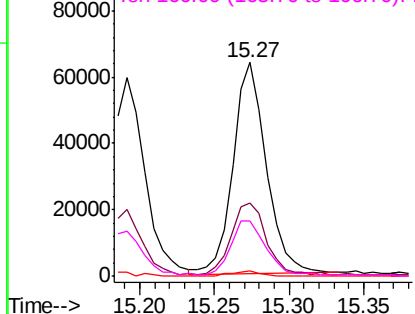
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

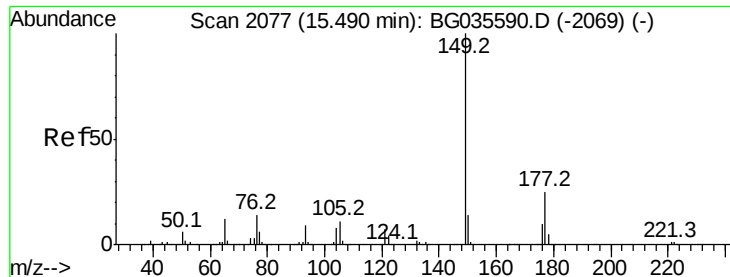


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.604 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:232 Resp: 98644
 Ion Ratio Lower Upper
 232 100
 131 36.7 33.5 50.3
 130 1.9 2.2 3.2#
 166 27.4 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

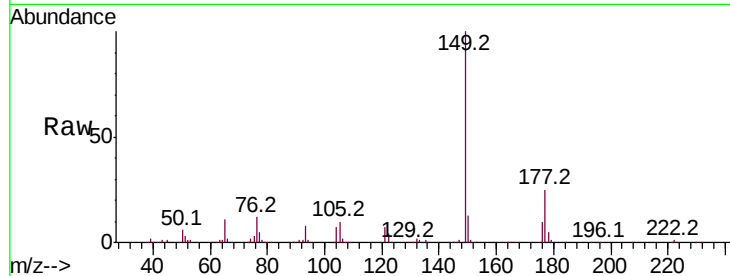




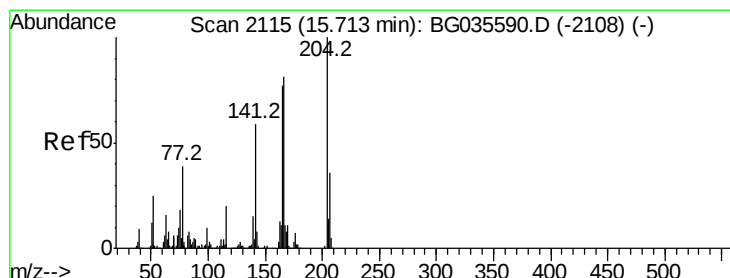
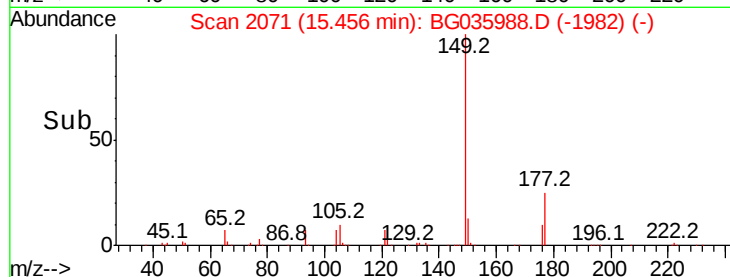
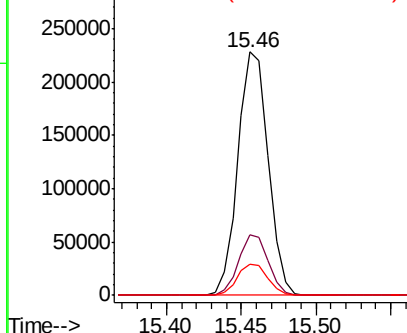
#59
Diethylphthalate
Concen: 39.061 ng
RT: 15.46 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 321518
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 12.7 10.2 15.2

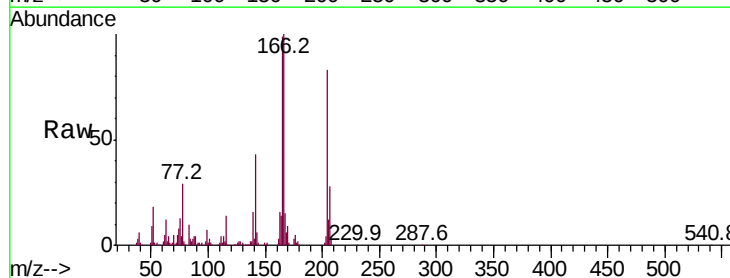


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

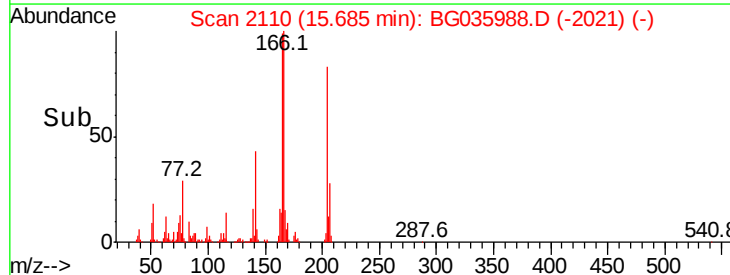
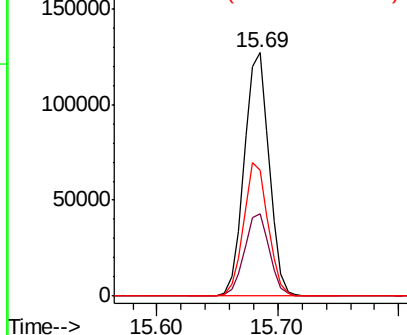


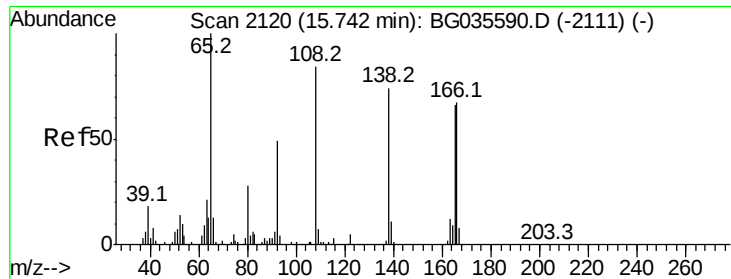
#60
4-Chlorophenyl-phenylether
Concen: 40.538 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion:204 Resp: 182601
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 51.5 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

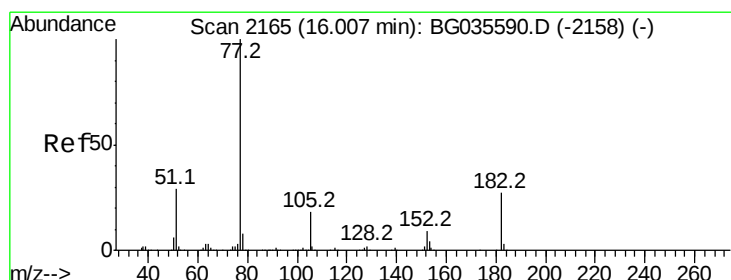
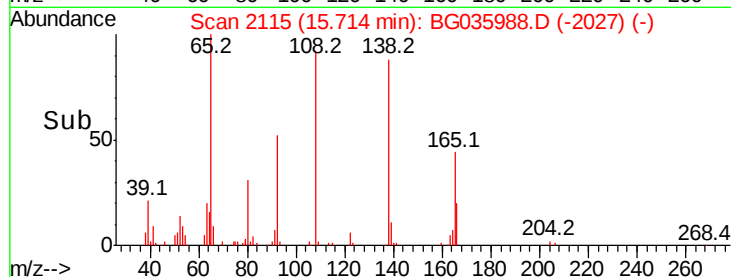
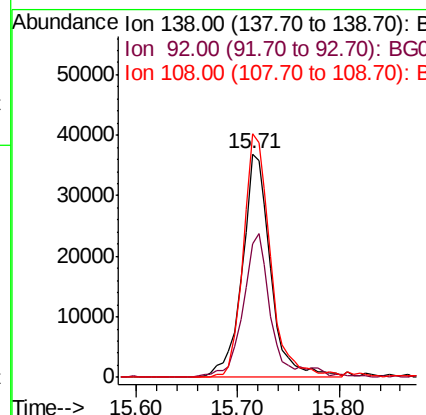
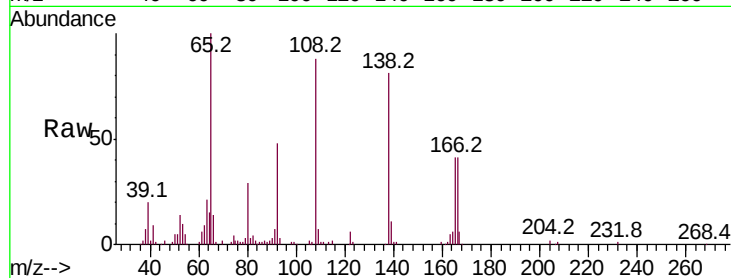




#61
4-Nitroaniline
Concen: 40.981 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

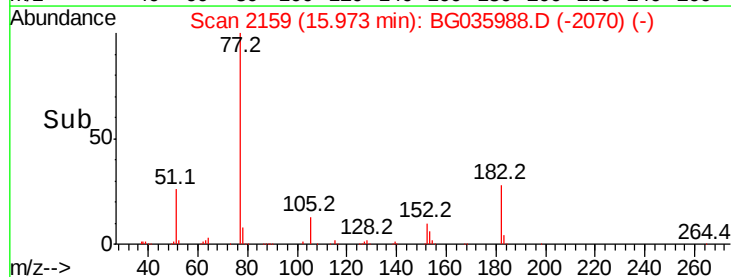
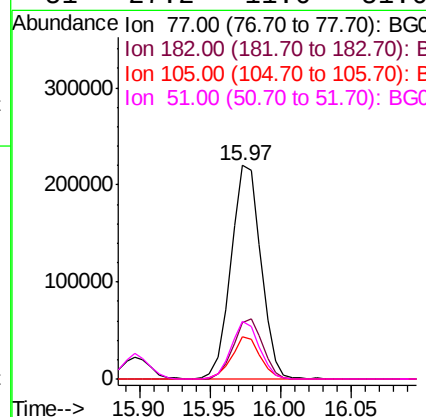
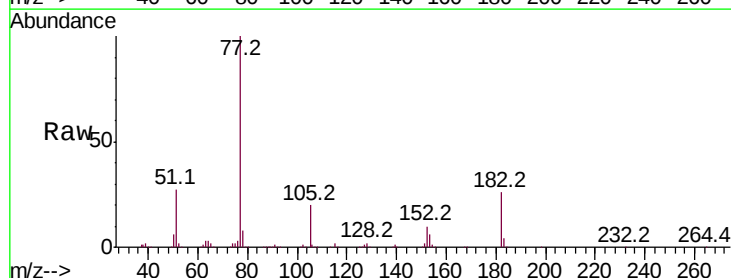
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 71421
Ion Ratio Lower Upper
138 100
92 59.6 40.1 80.1
108 108.9 65.4 105.4#



#62
Azobenzene
Concen: 39.761 ng
RT: 15.97 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion: 77 Resp: 322819
Ion Ratio Lower Upper
77 100
182 26.5 7.4 47.4
105 19.9 0.3 40.3
51 27.2 11.6 51.6

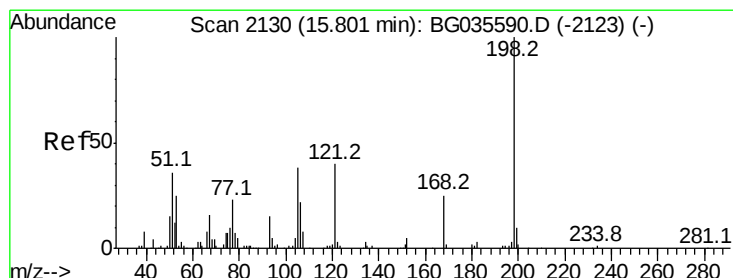
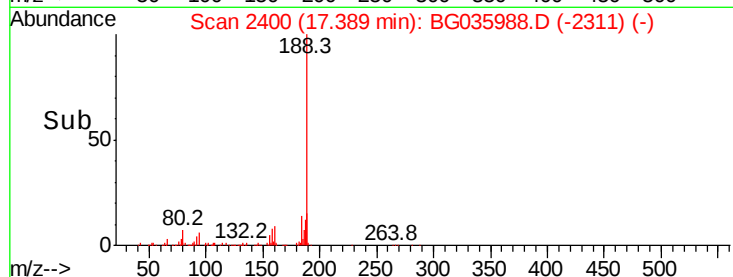
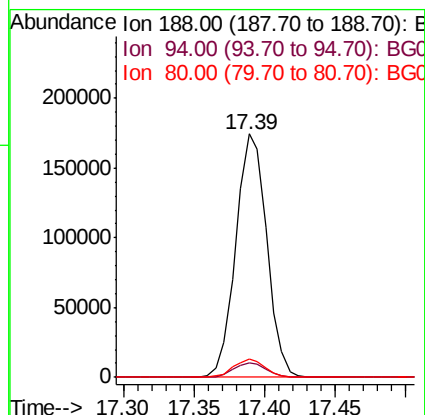
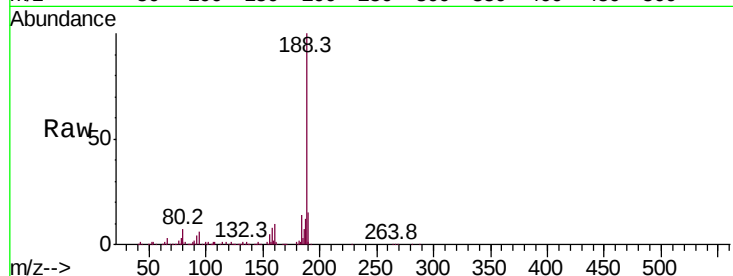




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

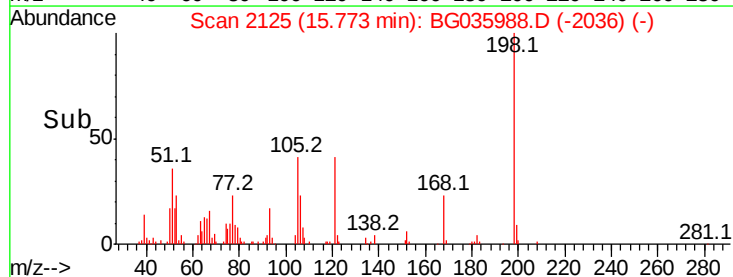
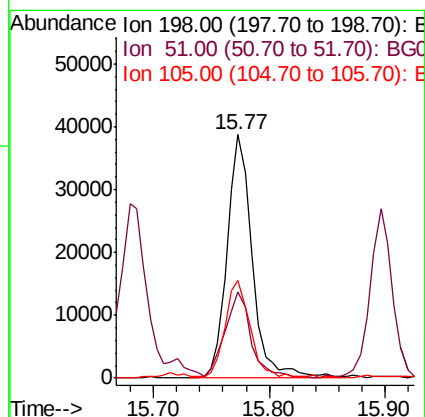
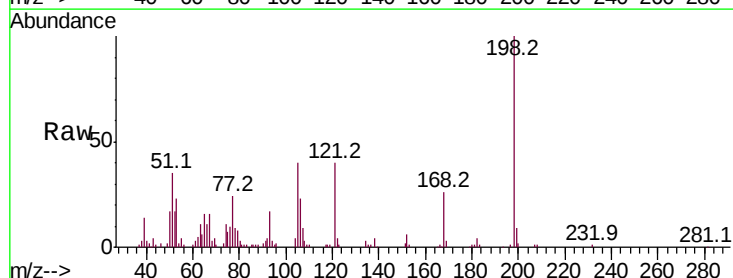
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 266747
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.4 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.478 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion:198 Resp: 58620
Ion Ratio Lower Upper
198 100
51 35.2 30.6 70.6
105 40.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.546 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampled :

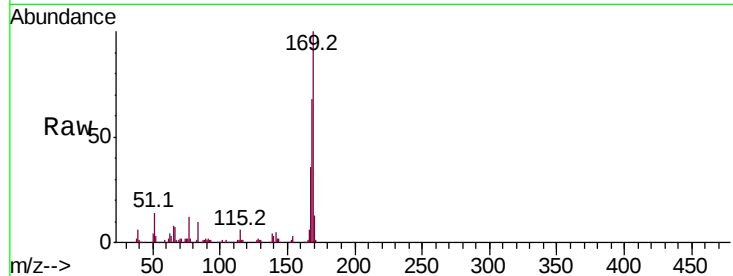
Tot Ion:169 Resp: 285070

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

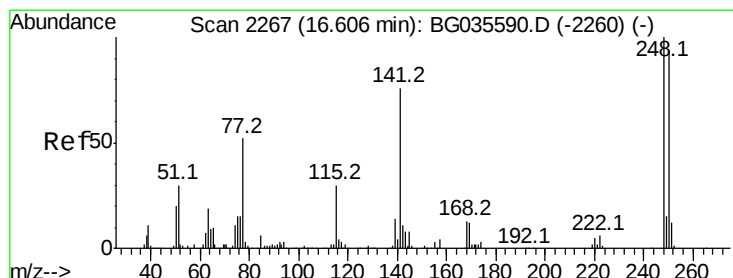
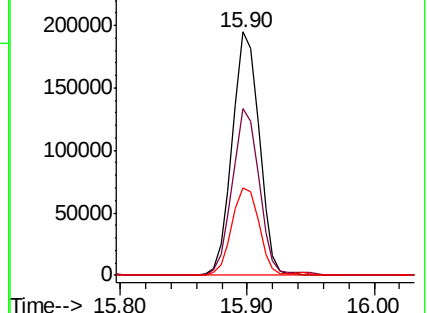
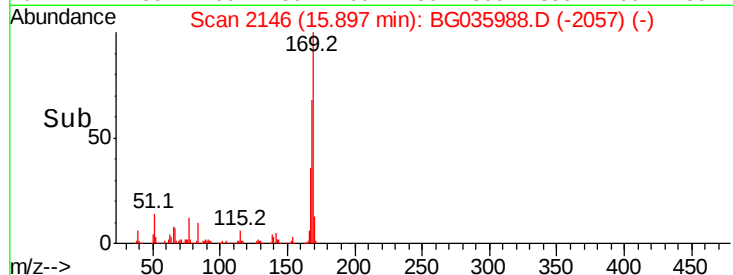
167 36.2 30.1 45.1



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: 39.733 ng

RT: 16.58 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

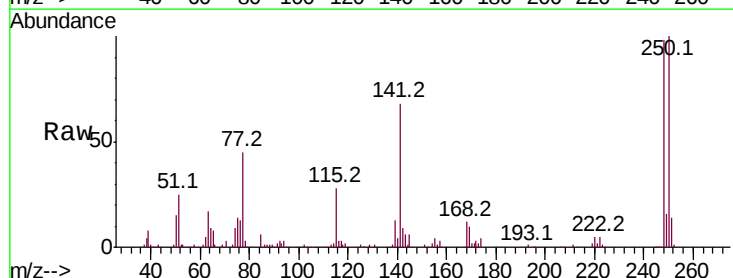
Tgt Ion:248 Resp: 122963

Ion Ratio Lower Upper

248 100

250 101.5 77.1 115.7

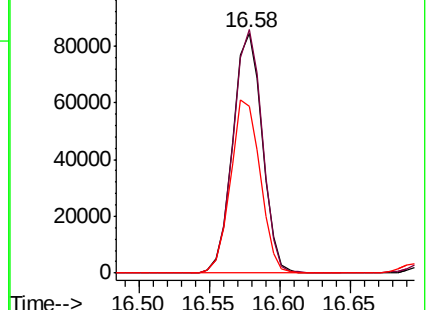
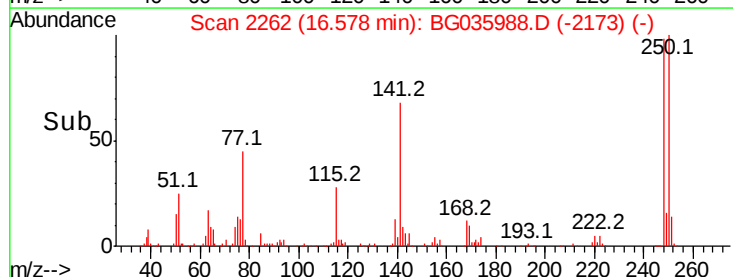
141 69.4 50.8 76.2

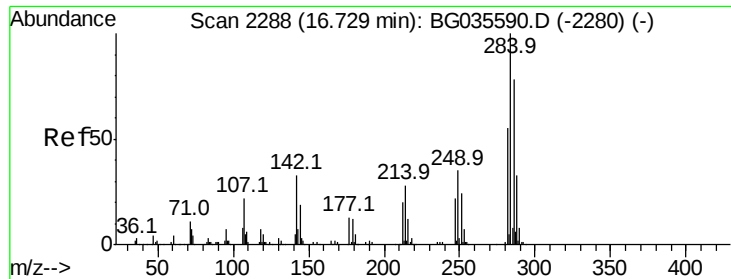


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

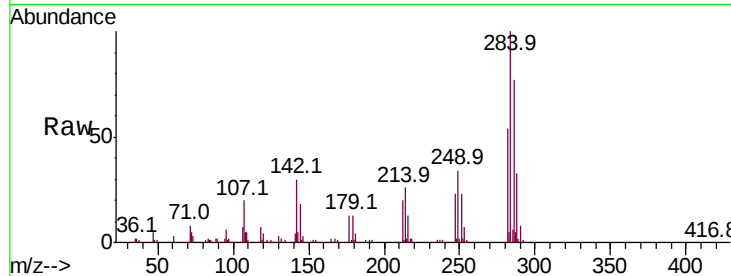




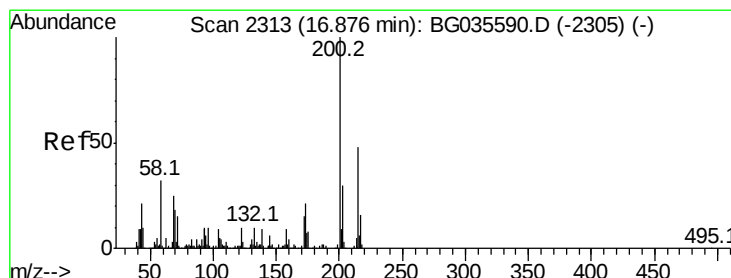
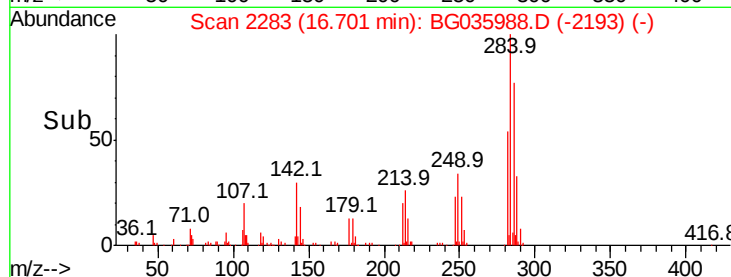
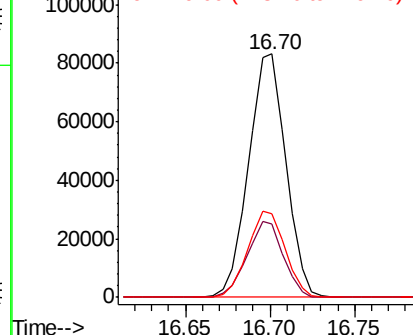
#67
Hexachlorobenzene
Concen: 40.170 ng
RT: 16.70 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.8	40.2
249	34.5	26.3	39.5

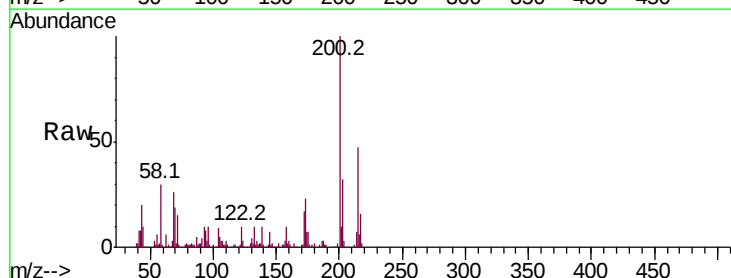


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

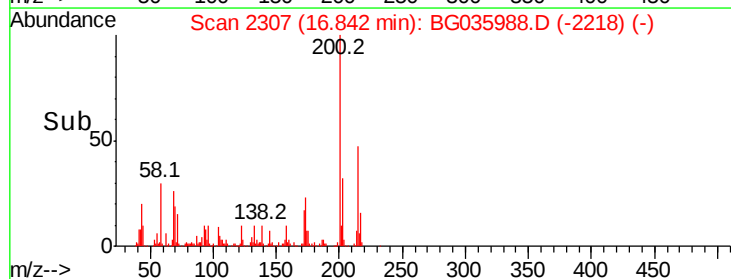
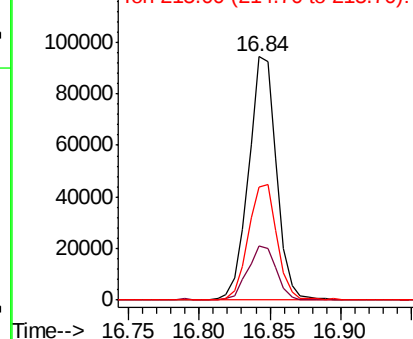


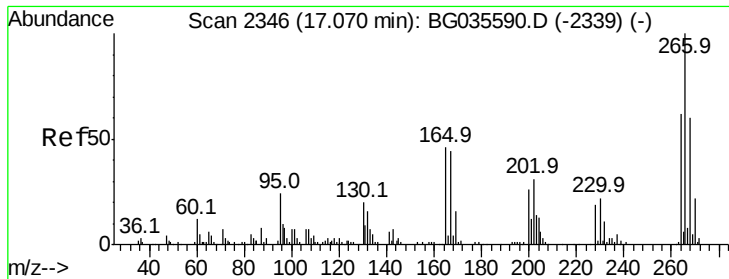
#68
Atrazine
Concen: 41.890 ng
RT: 16.84 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BG035988.D
Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.5	5.2	45.2
215	46.7	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

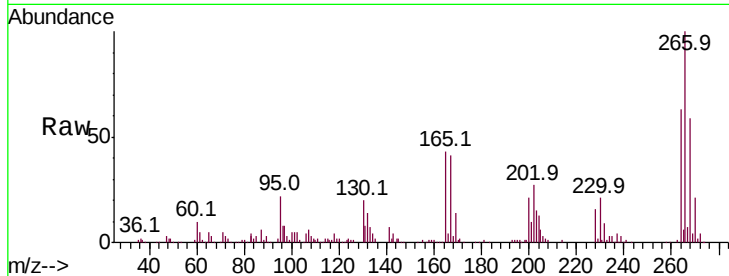




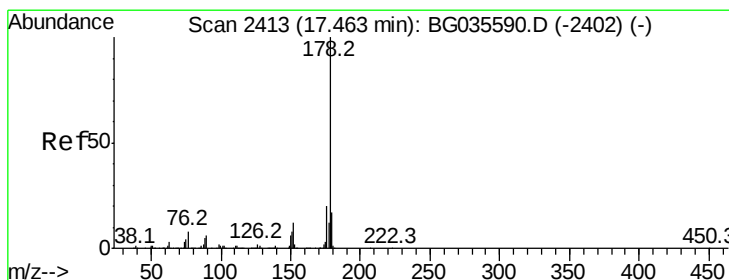
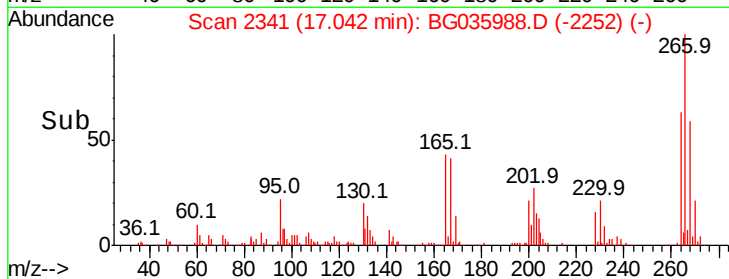
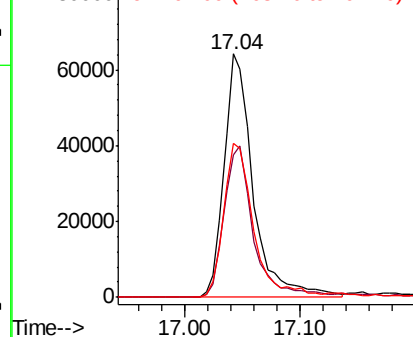
#69
 Pentachlorophenol
 Concen: 57.660 ng
 RT: 17.04 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.8	51.1	76.7
264	63.1	49.6	74.4

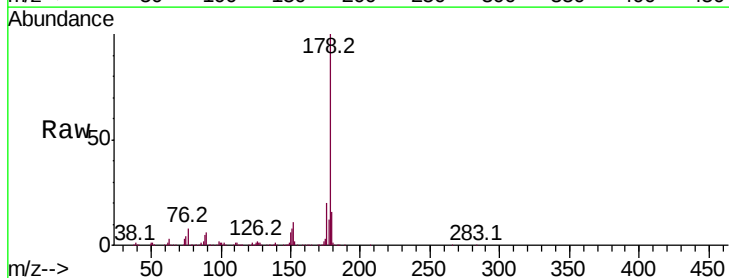


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

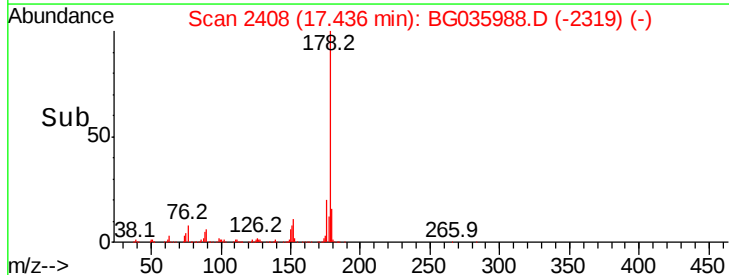
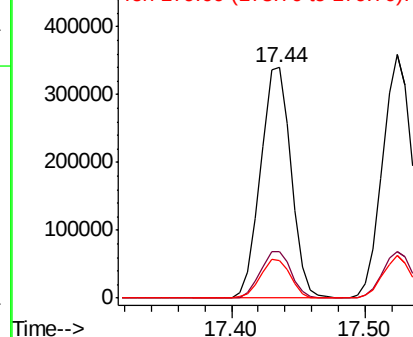


#70
 Phenanthrene
 Concen: 40.206 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	16.0	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

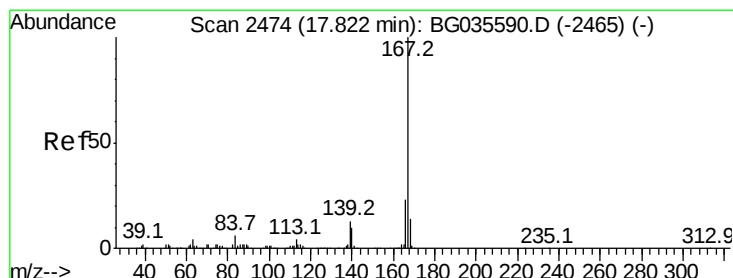
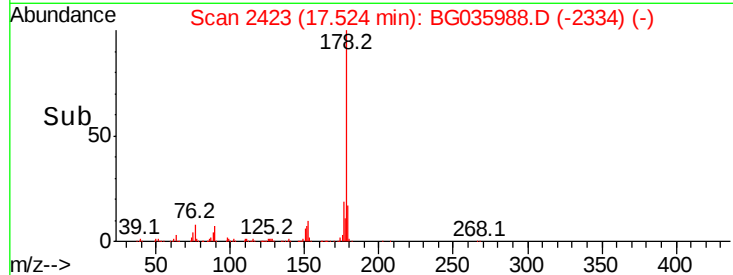
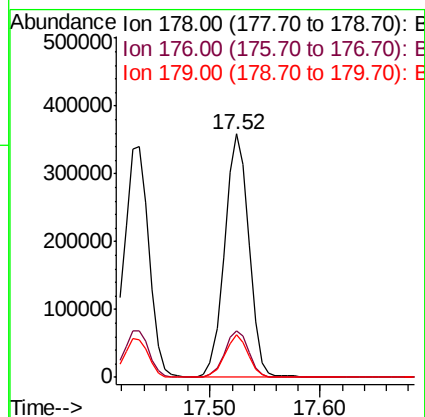
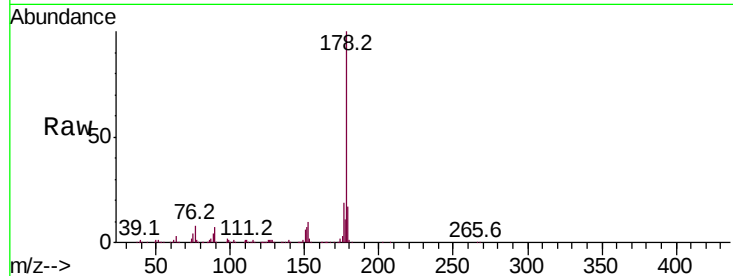




#71
 Anthracene
 Concen: 41.715 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

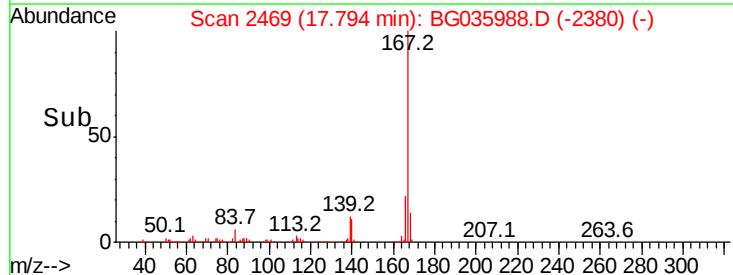
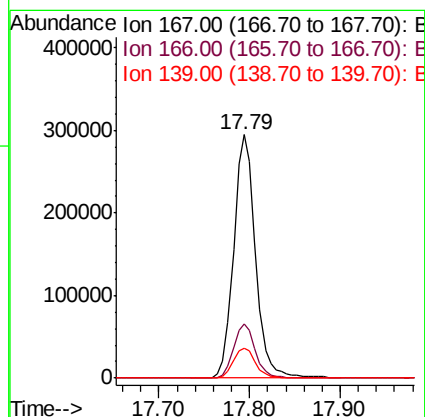
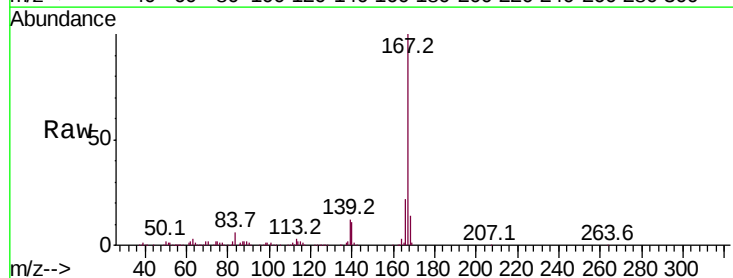
Instrument :
 BNA_G
 ClientSampled :

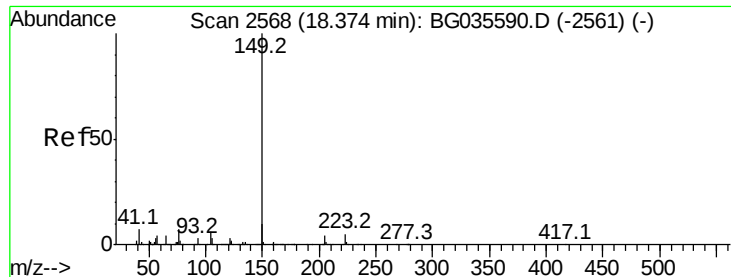
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.0	24.0
179	17.5	12.5	18.7



#72
 Carbazole
 Concen: 39.388 ng
 RT: 17.79 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.2	27.4
139	12.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 38.464 ng

RT: 18.35 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

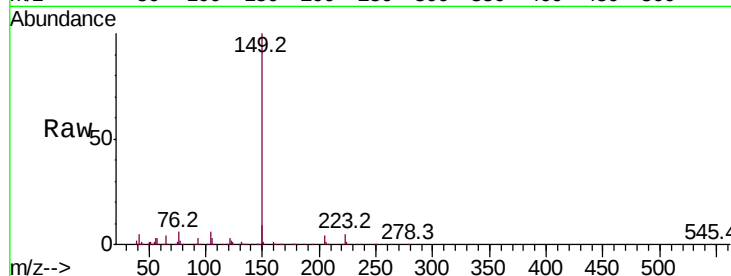
Tot Ion:149 Resp: 572096

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

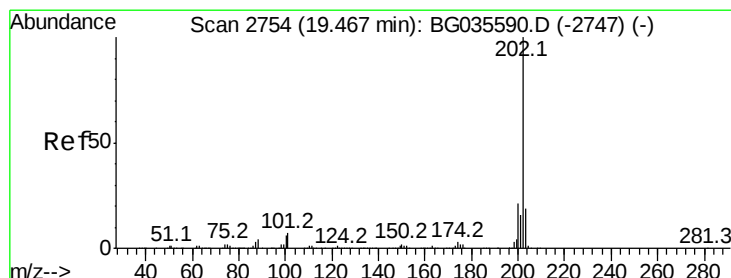
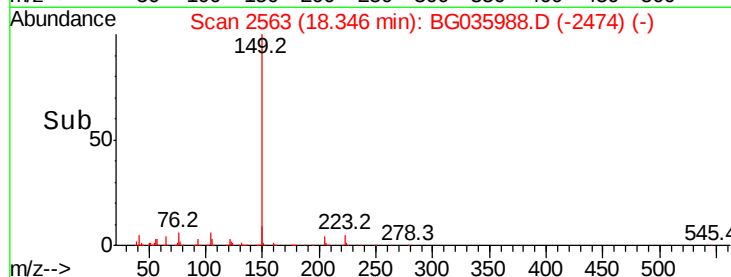
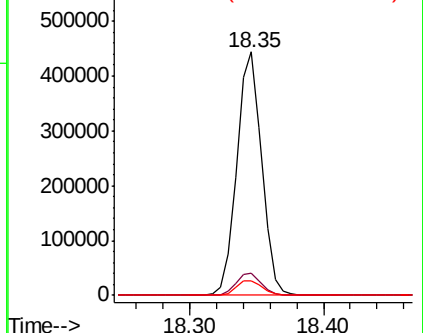
104 6.1 3.9 5.9#



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: 39.874 ng

RT: 19.44 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

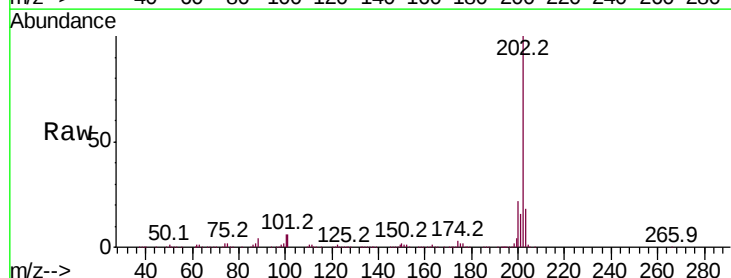
Tgt Ion:202 Resp: 714885

Ion Ratio Lower Upper

202 100

101 6.2 0.0 28.9

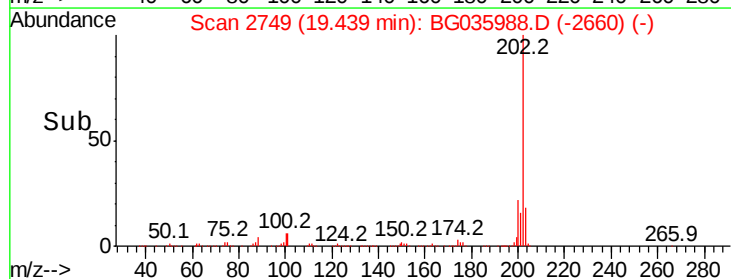
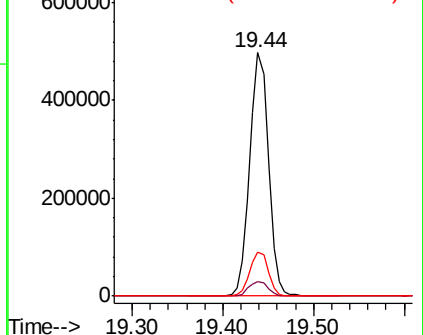
203 18.1 0.0 37.5



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. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

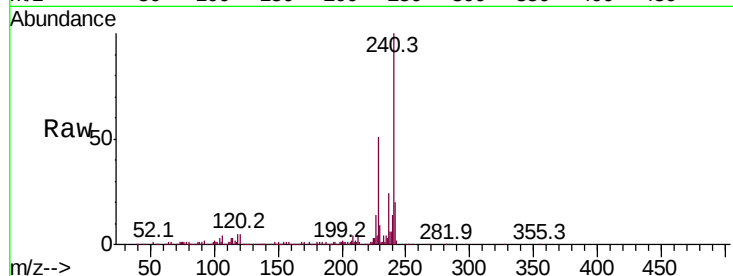
Tot Ion:240 Resp: 286764

Ion Ratio Lower Upper

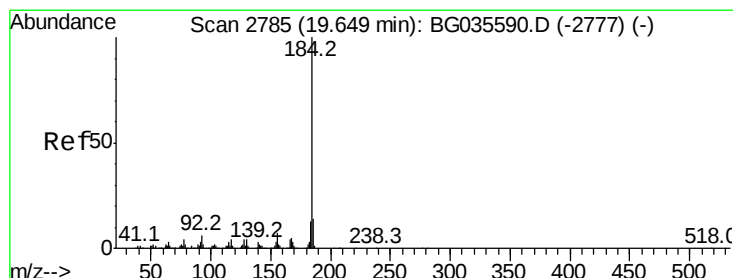
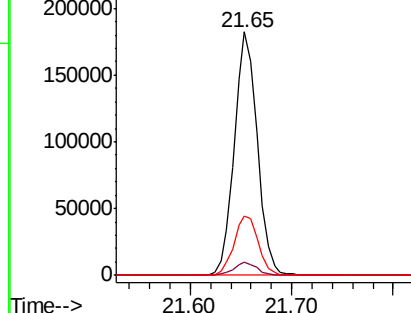
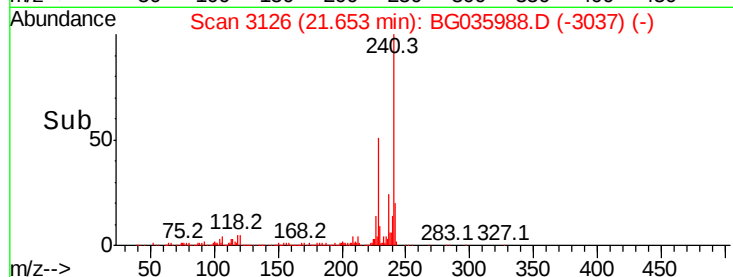
240 100

120 5.4 6.8 10.2#

236 24.4 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: 22.525 ng

RT: 19.62 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

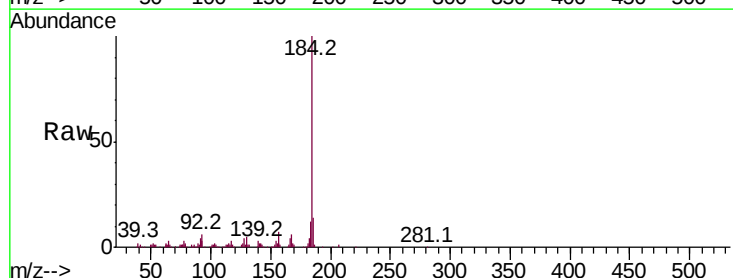
Tgt Ion:184 Resp: 169820

Ion Ratio Lower Upper

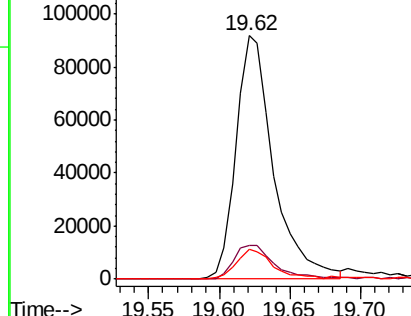
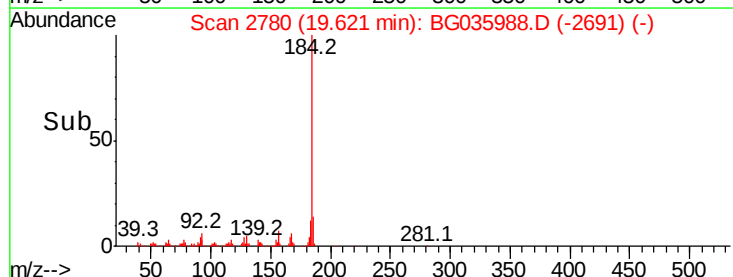
184 100

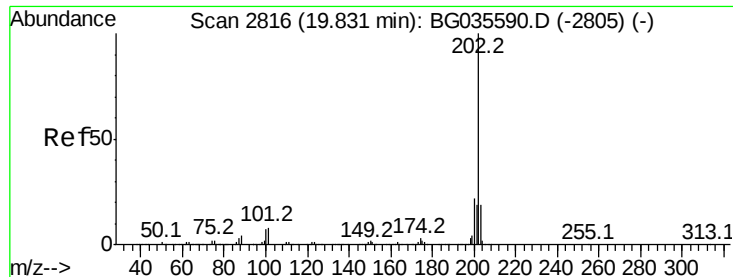
185 13.7 11.1 16.7

183 12.3 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: 39.478 ng

RT: 19.80 min Scan# 2811

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

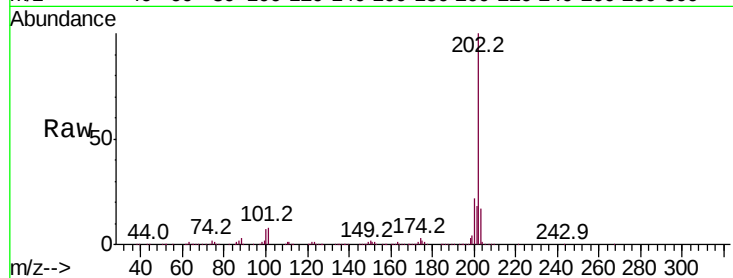
Tot Ion:202 Resp: 715830

Ion Ratio Lower Upper

202 100

200 21.7 16.9 25.3

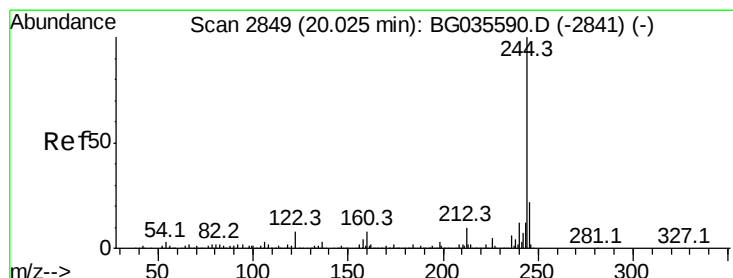
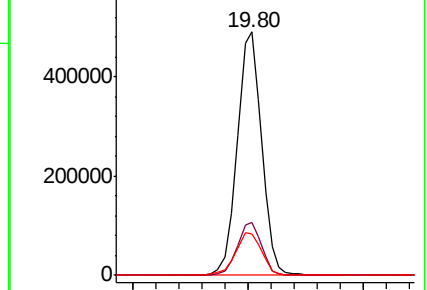
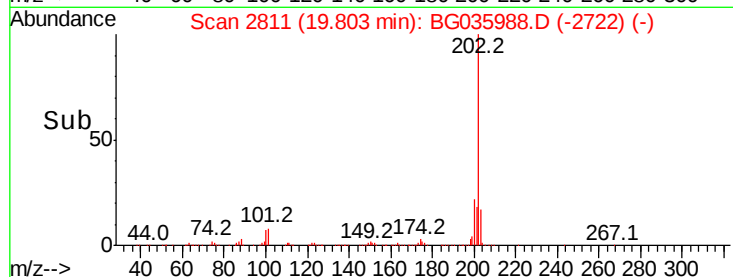
203 16.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.289 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

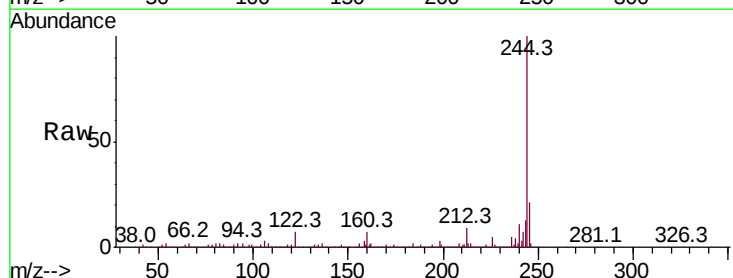
Tgt Ion:244 Resp: 966446

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

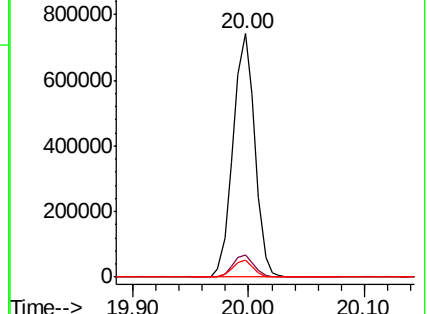
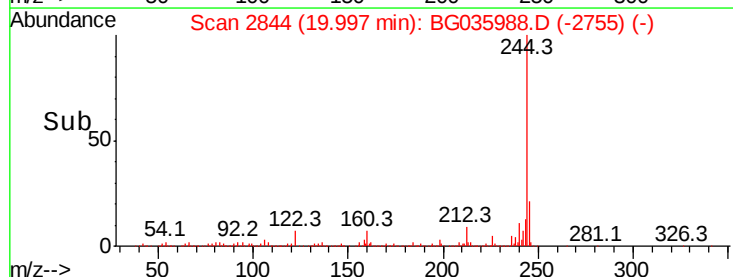
122 6.8 7.0 10.4#

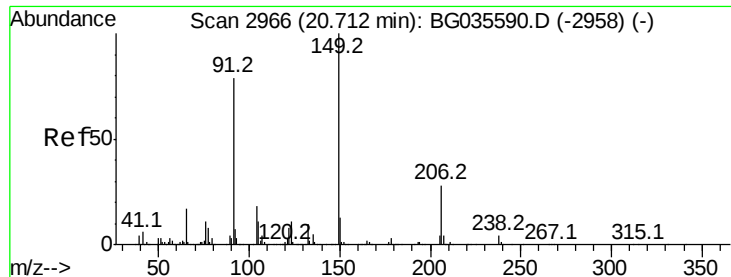


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 40.473 ng

RT: 20.68 min Scan# 2961

Delta R.T. 0.00 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampled :

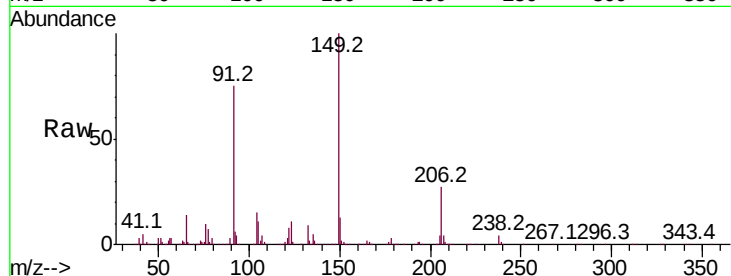
Tot Ion:149 Resp: 262434

Ion Ratio Lower Upper

149 100

91 75.1 62.2 93.2

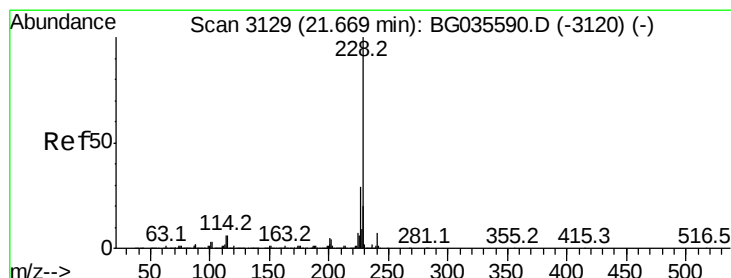
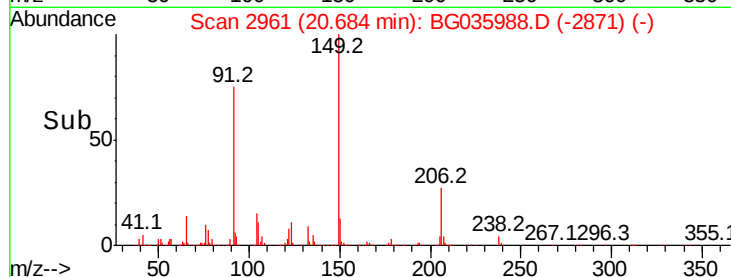
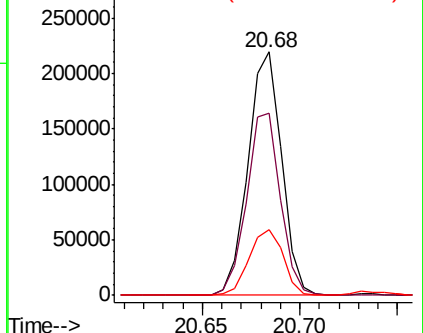
206 26.9 18.6 27.8



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: 39.449 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

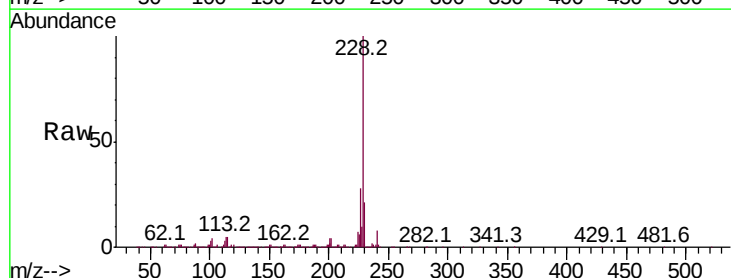
Tgt Ion:228 Resp: 704970

Ion Ratio Lower Upper

228 100

226 28.2 22.7 34.1

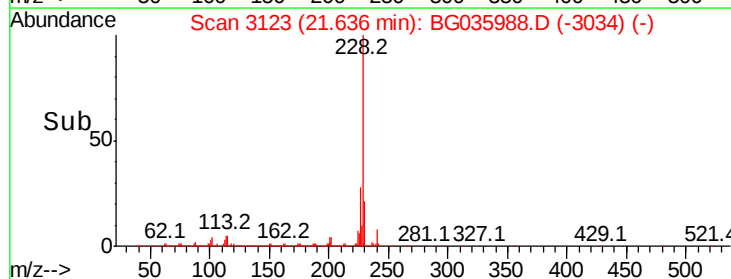
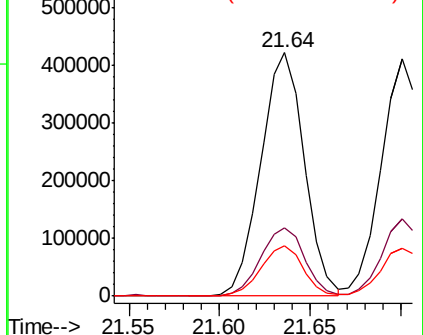
229 20.6 16.2 24.2

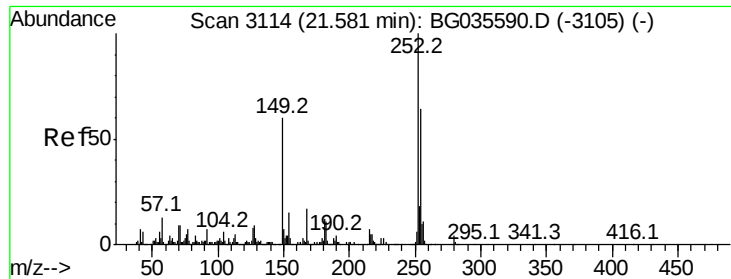


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

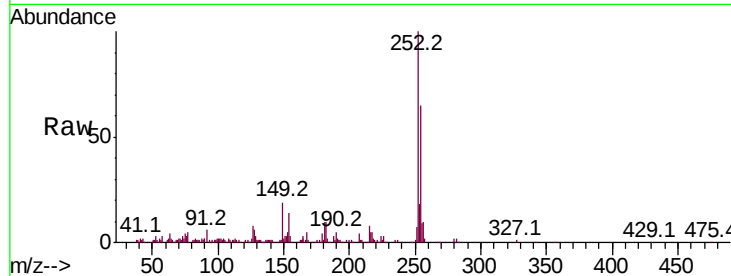




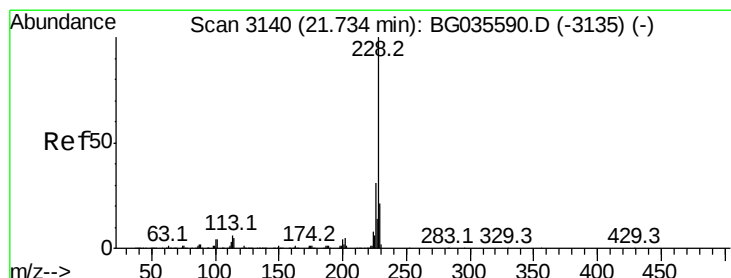
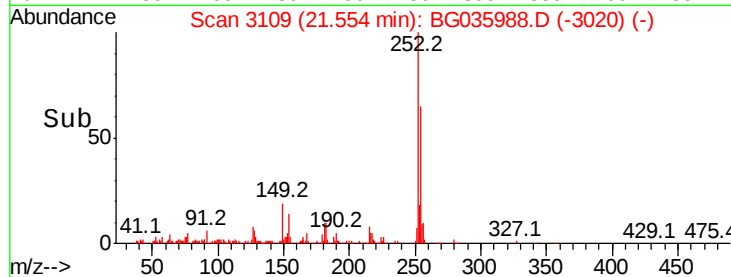
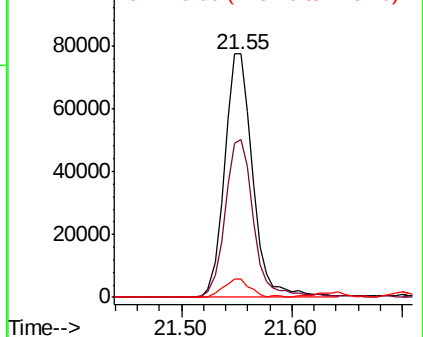
#81
 3,3'-Dichlorobenzidine
 Concen: 22.251 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 138645
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 7.7 7.4 11.2

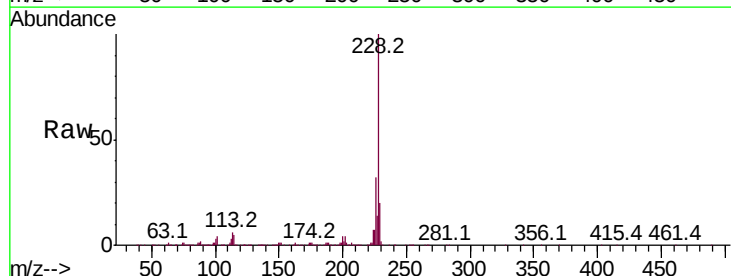


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

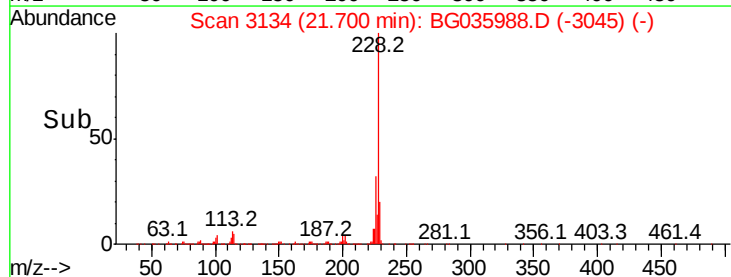
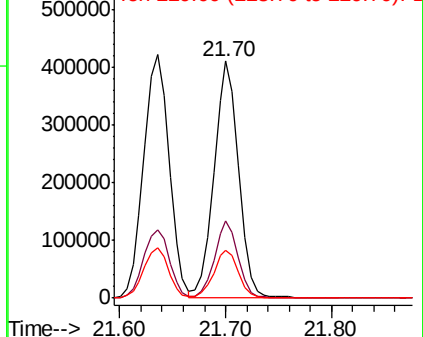


#82
 Chrysene
 Concen: 40.045 ng
 RT: 21.70 min Scan# 3134
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:228 Resp: 663145
 Ion Ratio Lower Upper
 228 100
 226 32.4 24.9 37.3
 229 20.0 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

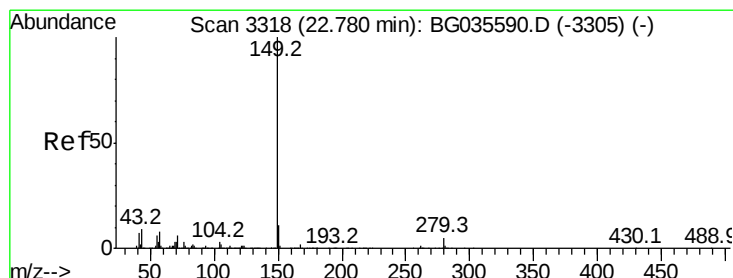
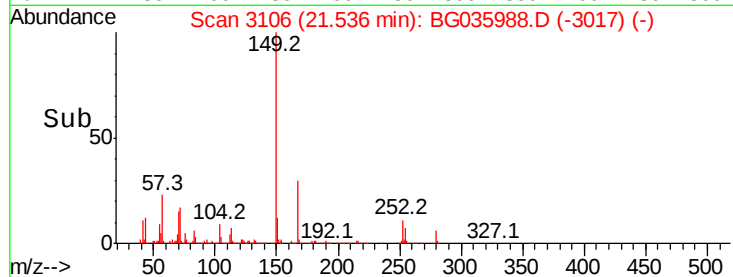
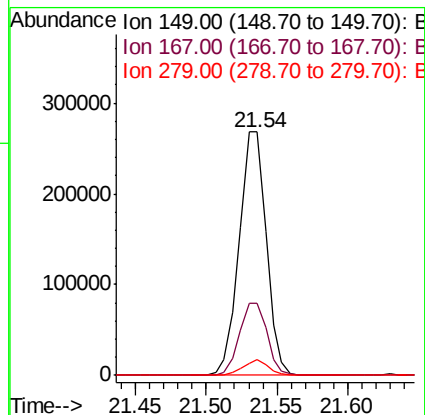
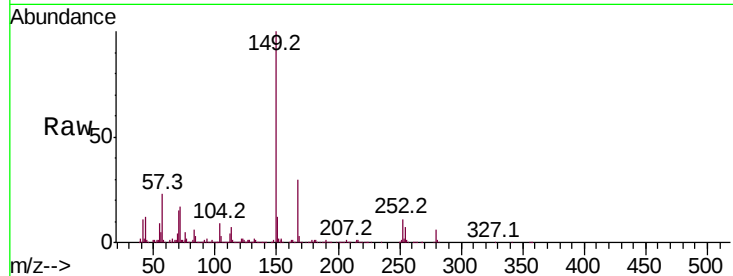




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.885 ng
 RT: 21.54 min Scan# 3106
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

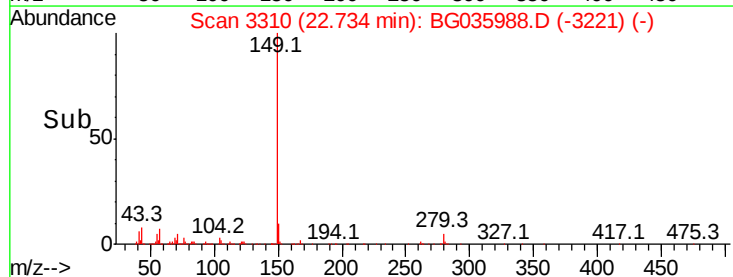
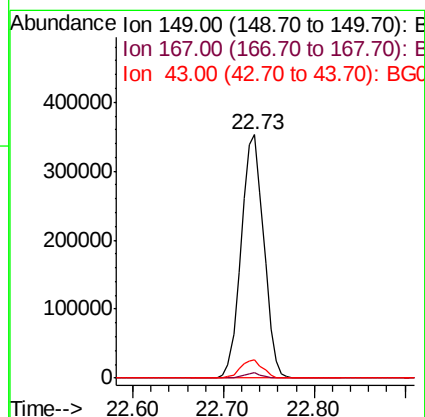
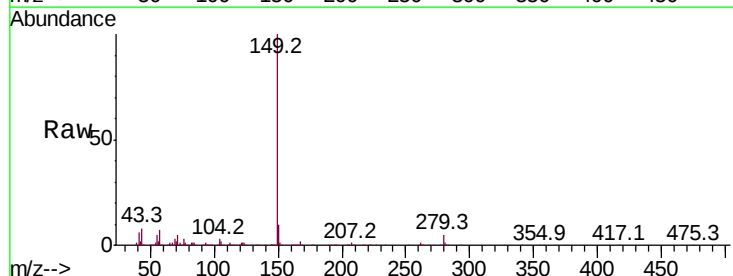
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 360419
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.3 36.5
 279 6.5 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 41.537 ng
 RT: 22.73 min Scan# 3310
 Delta R.T. -0.01 min
 Lab File: BG035988.D
 Acq: 31 Jul 2018 00:07

Tgt Ion:149 Resp: 613092
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.6 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.106 ng

RT: 28.49 min Scan# 4289

Delta R.T. -0.02 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

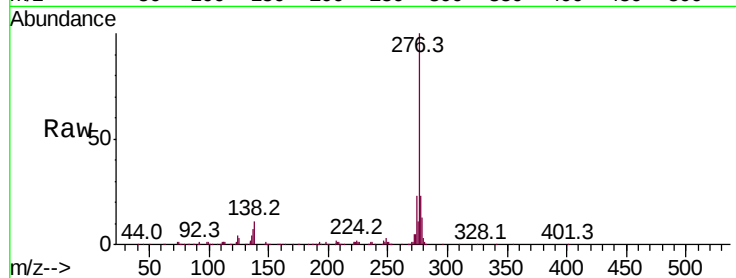
Tot Ion:276 Resp: 735312

Ion Ratio Lower Upper

276 100

138 7.2 16.0 24.0#

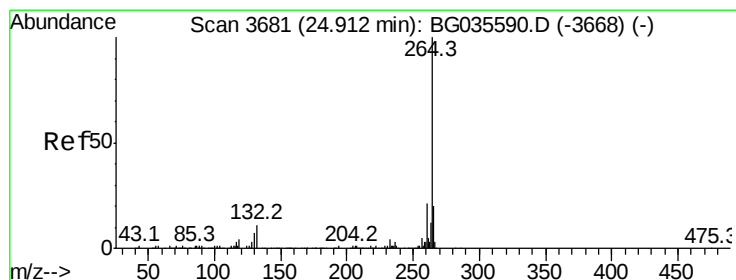
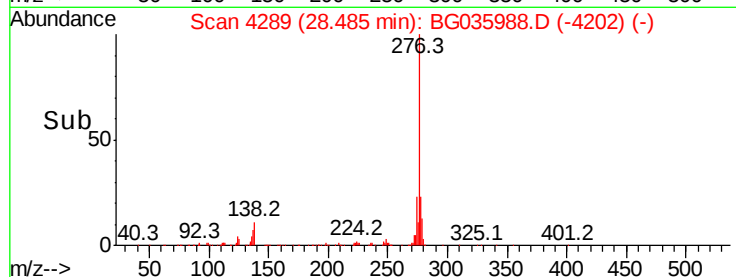
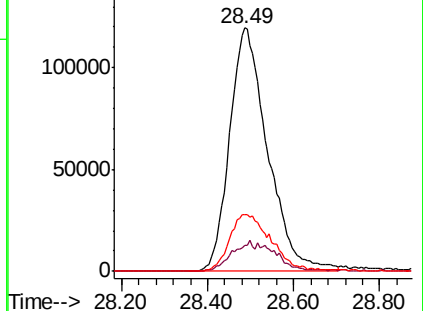
277 25.2 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

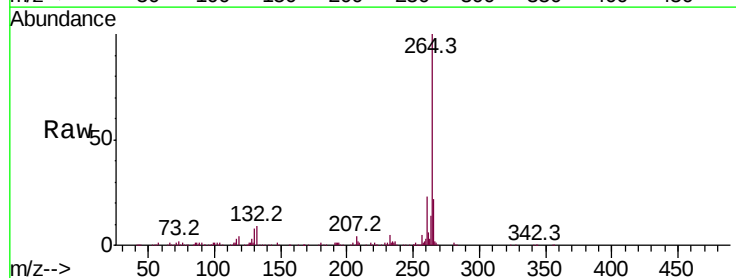
Tgt Ion:264 Resp: 270347

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

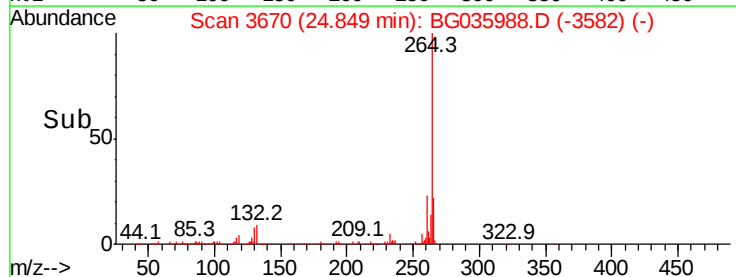
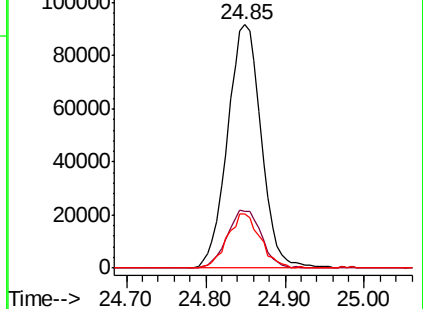
265 22.4 17.7 26.5

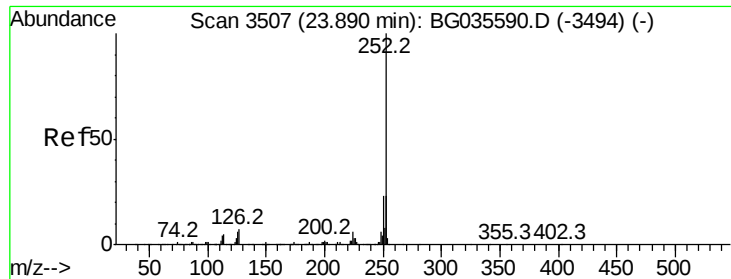


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.949 ng

RT: 23.84 min Scan# 3498

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

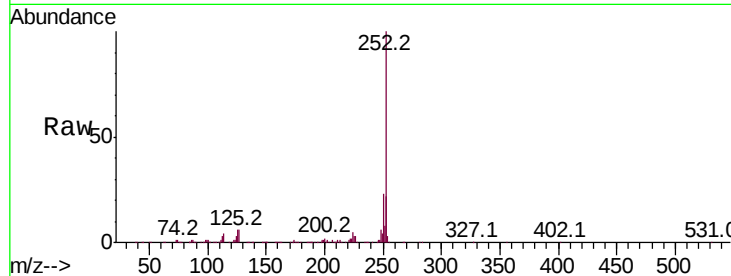
Tot Ion:252 Resp: 672860

Ion Ratio Lower Upper

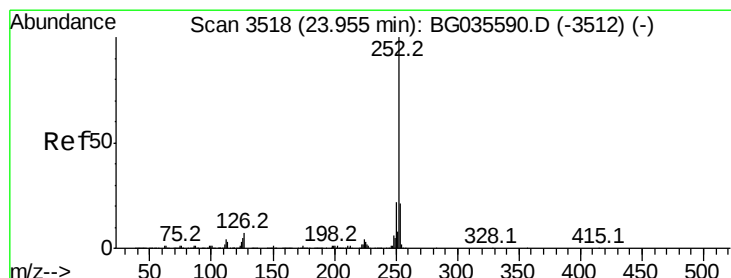
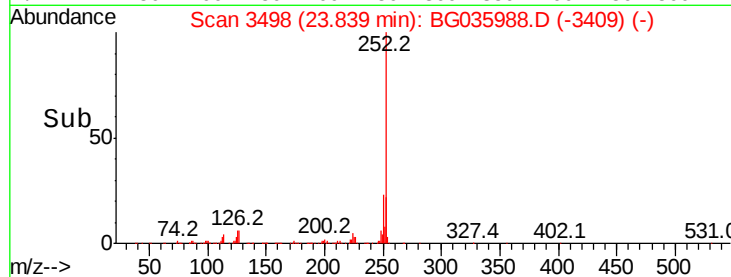
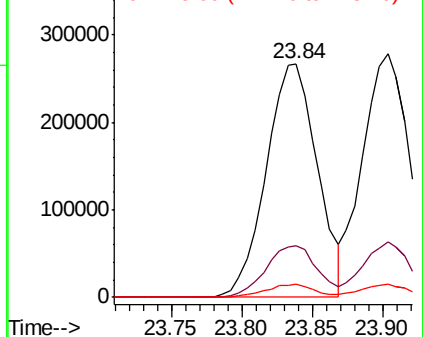
252 100

253 21.8 18.2 27.4

125 5.5 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 40.762 ng

RT: 23.90 min Scan# 3509

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

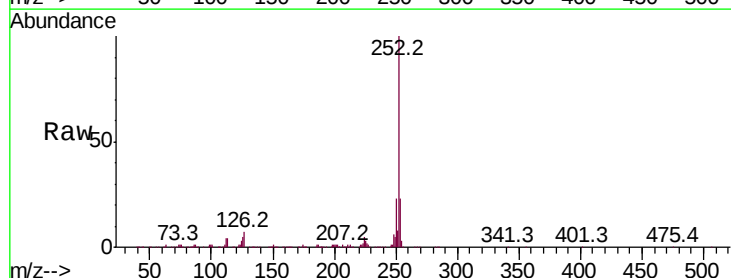
Tgt Ion:252 Resp: 654804

Ion Ratio Lower Upper

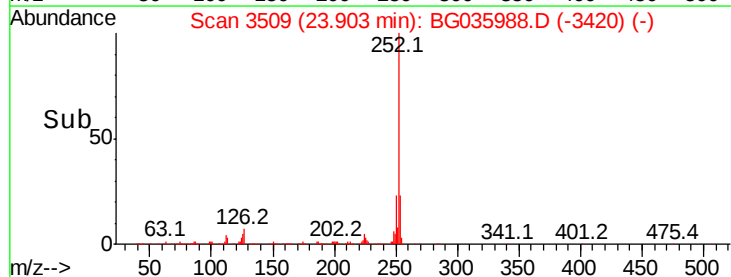
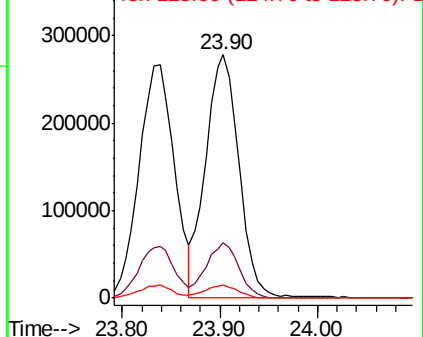
252 100

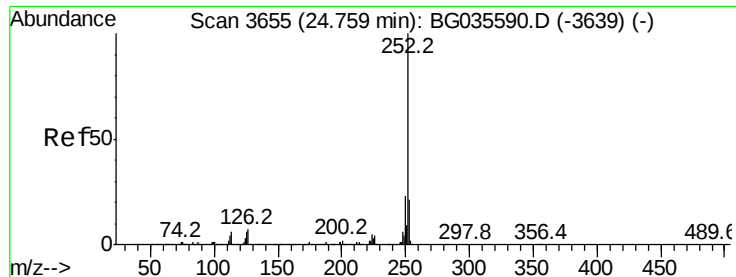
253 22.7 17.4 26.2

125 5.5 6.6 9.8#



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





#89

Benzo(a)pyrene

Concen: 42.703 ng

RT: 24.70 min Scan# 3645

Delta R.T. -0.01 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :

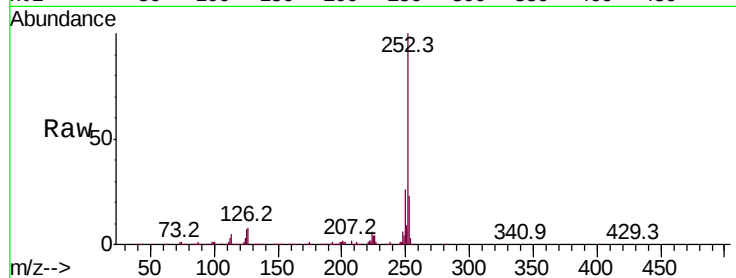
Tot Ion:252 Resp: 652785

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

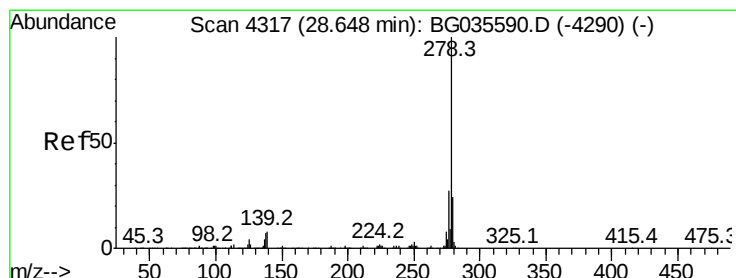
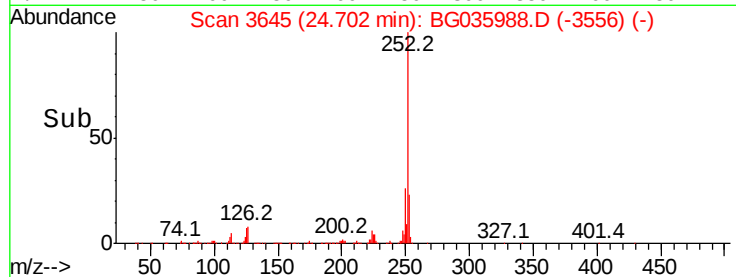
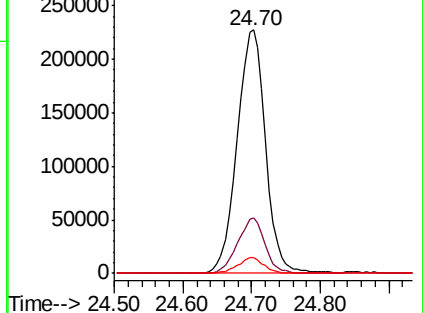
125 6.7 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.832 ng

RT: 28.55 min Scan# 4300

Delta R.T. -0.02 min

Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

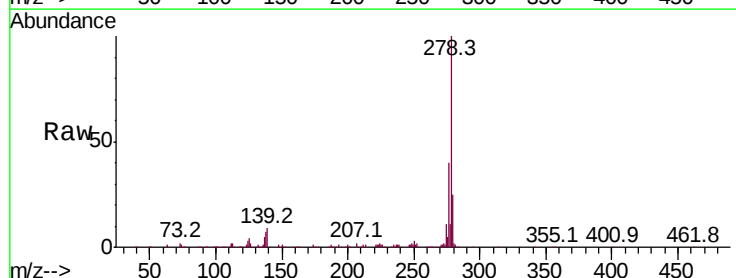
Tgt Ion:278 Resp: 597784

Ion Ratio Lower Upper

278 100

139 9.2 9.8 14.6#

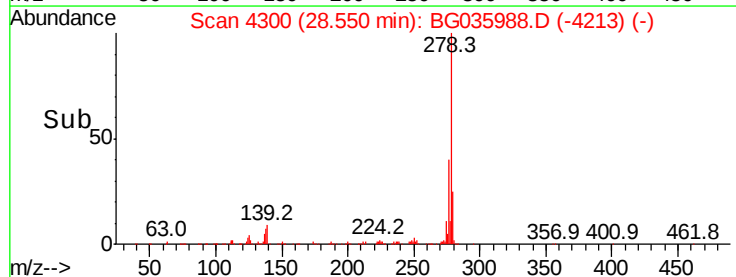
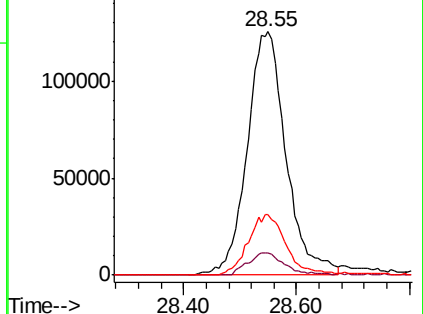
279 24.7 18.4 27.6

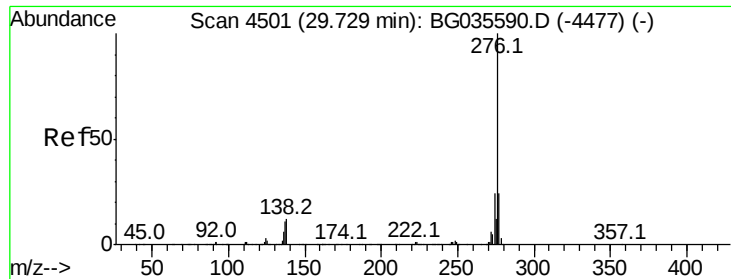


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.622 ng

RT: 29.63 min Scan# 4483

Delta R.T. -0.01 min

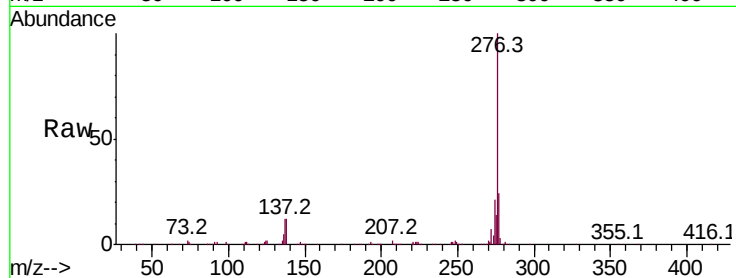
Lab File: BG035988.D

Acq: 31 Jul 2018 00:07

Instrument :

BNA_G

ClientSampleId :



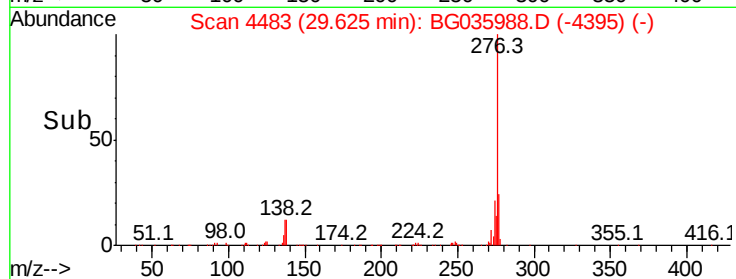
Tot Ion:276 Resp: 611249

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 11.9 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

150000 Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

