

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035589.D
 Acq On : 12 Jul 2018 11:22
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 12 12:42:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 12:41:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	39631	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	160814	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	114732	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	313264	20.00	ng	0.00
75) Chrysene-d12	21.69	240	326013	20.00	ng	0.00
86) Perylene-d12	24.91	264	316307	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	120515	51.32	ng	0.00
7) Phenol-d6	7.22	99	180931	52.20	ng	0.00
23) Nitrobenzene-d5	9.22	82	194797	57.58	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	77443	52.73	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	441595	50.04	ng	0.00
78) Terphenyl-d14	20.03	244	802753	51.58	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.56	88	29701	26.508	ng	# 69
3) Pyridine	3.95	79	80192	26.526	ng	# 74
4) n-Nitrosodimethylamine	3.86	42	34213	26.343	ng	# 93
6) Aniline	7.38	93	116711	26.050	ng	97
8) 2-Chlorophenol	7.62	128	60353	24.518	ng	98
9) Benzaldehyde	7.20	77	62475	23.401	ng	90
10) Phenol	7.25	94	92242	25.716	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	70506	25.325	ng	92
12) 1,3-Dichlorobenzene	7.95	146	71557	24.364	ng	# 95
13) 1,4-Dichlorobenzene	8.09	146	73267	24.166	ng	96
14) 1,2-Dichlorobenzene	8.41	146	72561	25.479	ng	97
15) Benzyl Alcohol	8.29	79	83247	25.347	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.59	45	60544	21.849	ng	77
17) 2-Methylphenol	8.50	107	61550	26.027	ng	# 89
18) Hexachloroethane	9.14	117	27986	25.783	ng	96
19) n-Nitroso-di-n-propylamine	8.86	70	79221	26.903	ng	# 85
20) 3+4-Methylphenols	8.82	107	89200	26.315	ng	92
22) Acetophenone	8.88	105	128562	25.808	ng	# 90
24) Nitrobenzene	9.26	77	99874	28.829	ng	# 89
25) Isophorone	9.78	82	182304	25.523	ng	98
26) 2-Nitrophenol	9.97	139	34226	28.662	ng	# 91
27) 2,4-Dimethylphenol	10.03	122	60455	24.086	ng	89
28) bis(2-Chloroethoxy)methane	10.26	93	100637	26.218	ng	96
29) 2,4-Dichlorophenol	10.51	162	68078	24.927	ng	99
30) 1,2,4-Trichlorobenzene	10.72	180	82466	25.181	ng	94
31) Naphthalene	10.91	128	210409	25.186	ng	97
32) Benzoic acid	10.15	122	33294	19.804	ng	90
33) 4-Chloroaniline	11.01	127	93066	25.656	ng	# 92
34) Hexachlorobutadiene	11.20	225	63808	25.053	ng	86
35) Caprolactam	11.78	113	30323	30.042	ng	# 75
36) 4-Chloro-3-methylphenol	12.14	107	93935	27.592	ng	94
37) 2-Methylnaphthalene	12.51	142	159618	25.201	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	109680	25.665	ng	98
40) Hexachlorocyclopentadiene	12.85	237	54321	20.270	ng	92

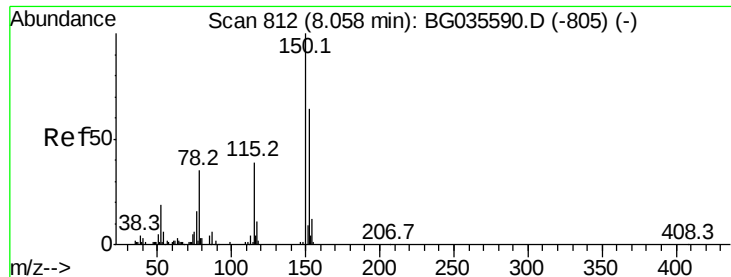
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
 Data File : BG035589.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 12:41:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	65116	25.447	nq	92
43) 2,4,5-Trichlorophenol	13.19	196	73208	26.066	nq	96
45) 1,1'-Biphenyl	13.51	154	229264	24.851	nq	93
46) 2-Chloronaphthalene	13.56	162	177024	25.379	nq	97
47) 2-Nitroaniline	13.76	65	63074	30.623	nq	94
48) Acenaphthylene	14.40	152	298549	25.526	nq	97
49) Dimethylphthalate	14.13	163	258193	25.806	nq	99
50) 2,6-Dinitrotoluene	14.25	165	52924	28.996	nq	98
51) Acenaphthene	14.74	154	183422	24.003	nq	97
52) 3-Nitroaniline	14.58	138	55060	30.742	nq	# 94
53) 2,4-Dinitrophenol	14.79	184	20341	27.537	nq	# 74
54) Dibenzofuran	15.07	168	295818	25.847	nq	94
55) 4-Nitrophenol	14.89	139	38115	25.215	nq	# 81
56) 2,4-Dinitrotoluene	15.04	165	75998	31.344	nq	92
57) Fluorene	15.73	166	247316	25.856	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	70565	25.863	nq	97
59) Diethylphthalate	15.48	149	262371	25.703	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	143724	26.351	nq	98
61) 4-Nitroaniline	15.74	138	55989	29.149	nq	# 83
62) Azobenzene	16.01	77	263390	26.332	nq	96
64) 4,6-Dinitro-2-methylphenol	15.80	198	40150	28.072	nq	93
65) n-Nitrosodiphenylamine	15.92	169	228902	24.331	nq	99
66) 4-Bromophenyl-phenylether	16.61	248	93315	24.736	nq	93
67) Hexachlorobenzene	16.73	284	94408	24.587	nq	93
68) Atrazine	16.87	200	96580	24.074	nq	98
69) Pentachlorophenol	17.07	266	54047	20.933	nq	92
70) Phenanthrene	17.46	178	402159	25.272	nq	98
71) Anthracene	17.55	178	403389	25.307	nq	96
72) Carbazole	17.82	167	381631	25.804	nq	100
73) Di-n-butylphthalate	18.37	149	446158	25.310	nq	# 98
74) Fluoranthene	19.47	202	535160	25.844	nq	99
76) Benzidine	19.64	184	220718	18.198	nq	97
77) Pyrene	19.83	202	547446	25.472	nq	98
79) Butylbenzylphthalate	20.71	149	188320	24.131	nq	94
80) Benzo(a)anthracene	21.66	228	532508	25.561	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	184650	23.559	nq	# 99
82) Chrysene	21.73	228	490632	25.722	nq	98
83) Bis(2-ethylhexyl)phthalate	21.56	149	260709	23.642	nq	97
84) Di-n-octyl phthalate	22.77	149	437626	23.132	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.57	276	530662	23.754	nq	# 86
87) Benzo(b)fluoranthene	23.88	252	495359	25.431	nq	# 96
88) Benzo(k)fluoranthene	23.95	252	472306	24.787	nq	# 96
89) Benzo(a)pyrene	24.75	252	458434	25.011	nq	# 97
90) Dibenzo(a,h)anthracene	28.63	278	444878	24.587	nq	# 97
91) Benzo(g,h,i)perylene	29.71	276	430951	24.337	nq	# 91

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

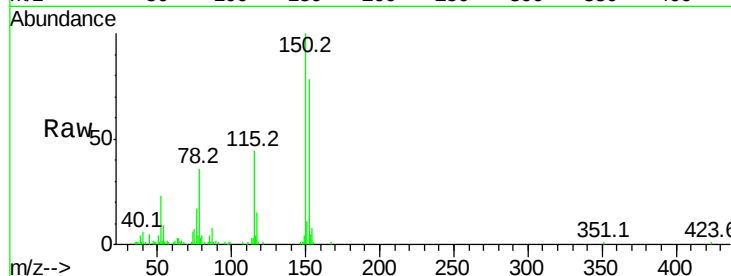


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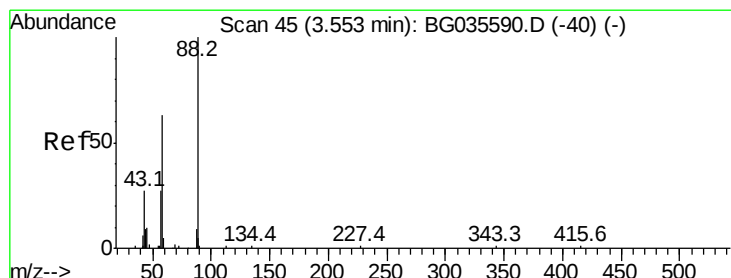
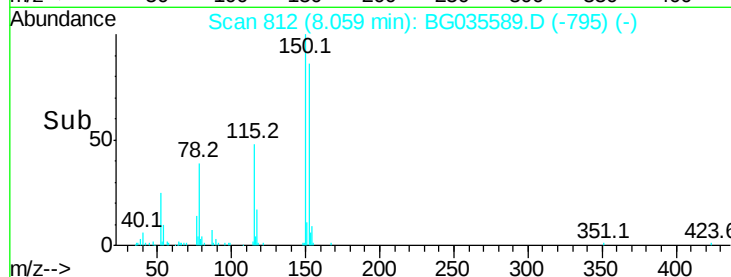
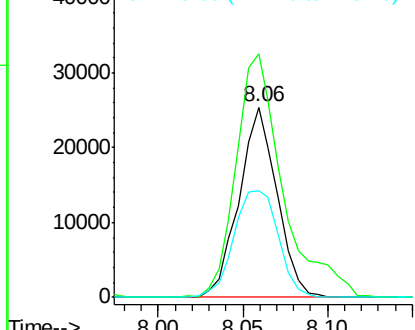
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39631
Ion Ratio Lower Upper
152 100
150 127.9 126.6 189.8
115 55.7 53.0 79.4



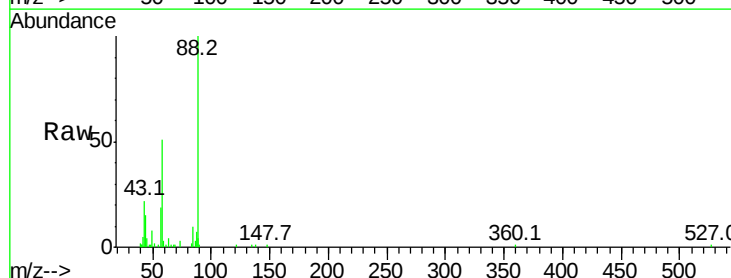
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



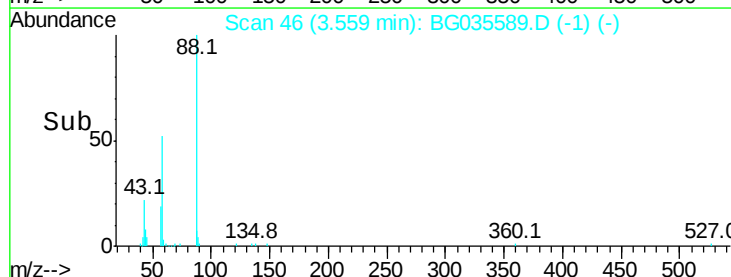
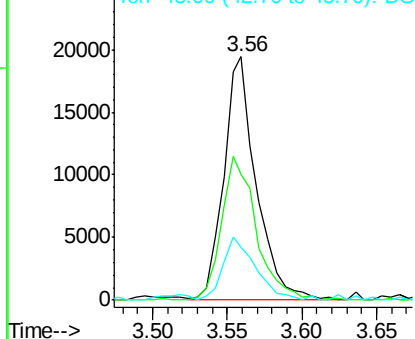
#2

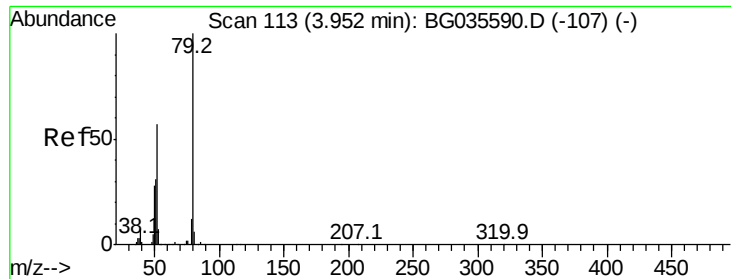
1,4-Dioxane
Concen: 26.508 ng
RT: 3.56 min Scan# 46
Delta R.T. 0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion: 88 Resp: 29701
Ion Ratio Lower Upper
88 100
58 63.0 79.6 119.4#
43 25.9 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: 26.526 ng

RT: 3.95 min Scan# 113

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

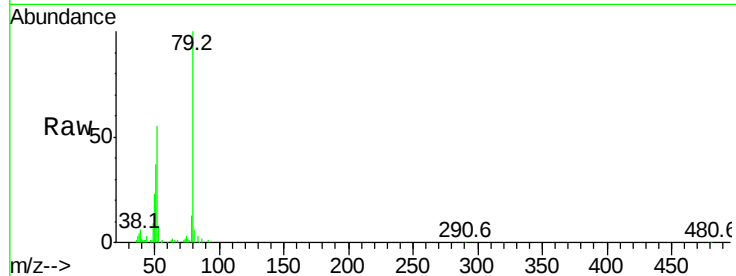
Tot Ion: 79 Resp: 80192

Ion Ratio Lower Upper

79 100

52 55.1 69.9 104.9#

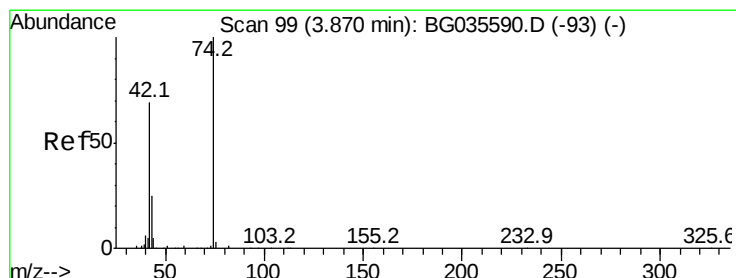
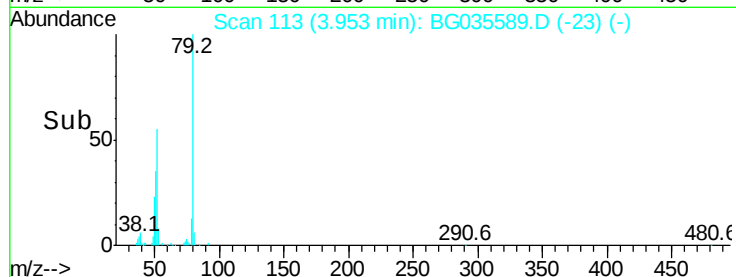
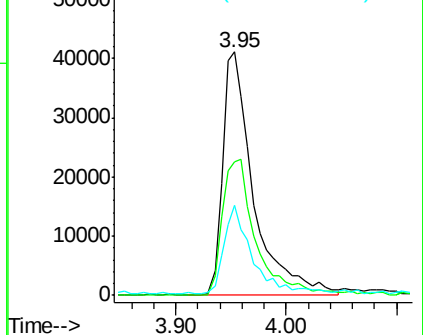
51 36.8 34.0 51.0



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: 26.343 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

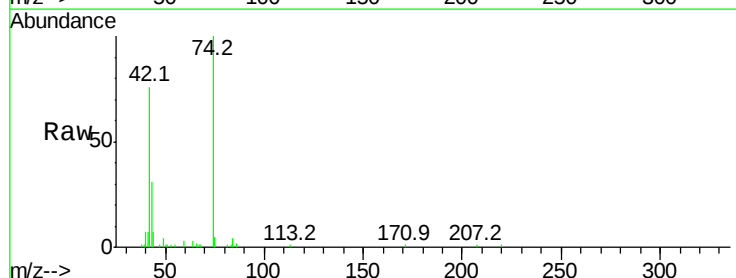
Tgt Ion: 42 Resp: 34213

Ion Ratio Lower Upper

42 100

74 131.2 102.5 153.7

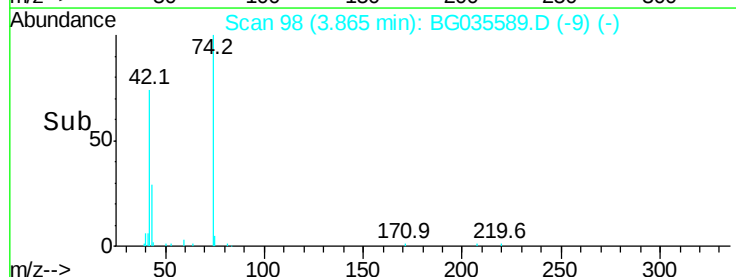
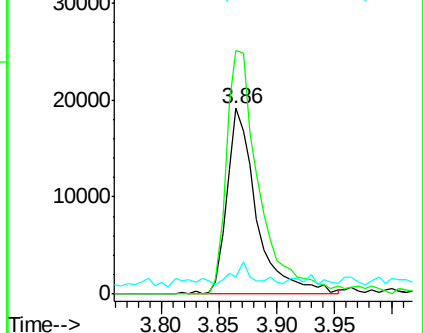
44 8.9 18.9 28.3#

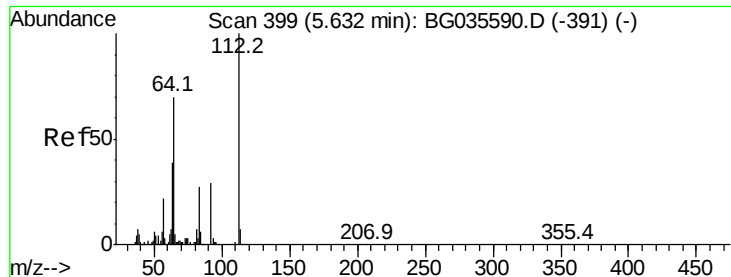


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 51.319 ng

RT: 5.63 min Scan# 399

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

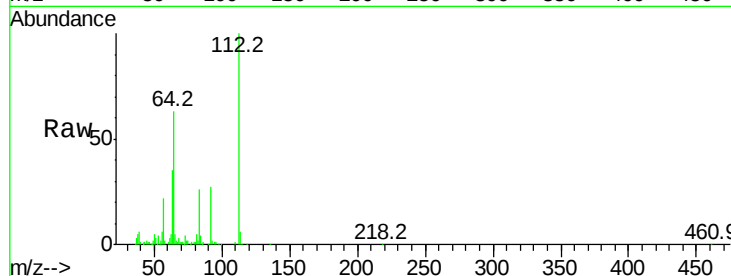
Tot Ion:112 Resp: 120515

Ion Ratio Lower Upper

112 100

64 62.8 56.3 84.5

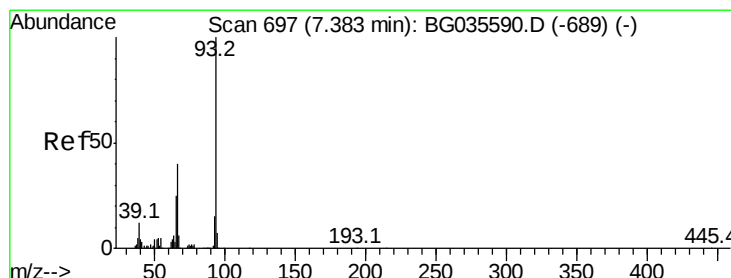
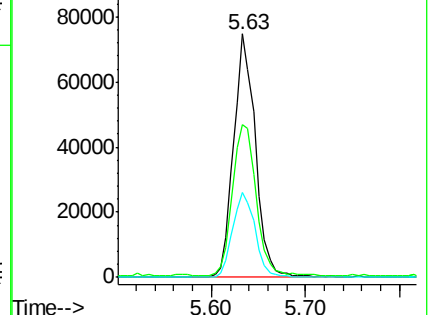
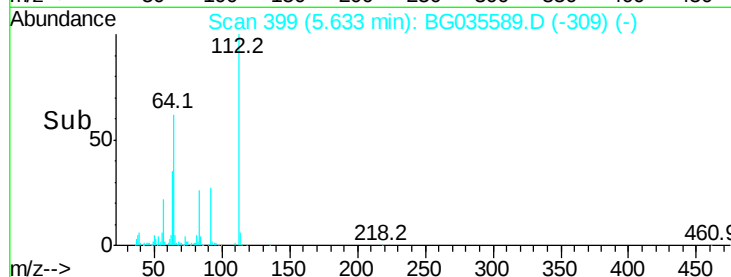
63 34.7 30.1 45.1



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: 26.050 ng

RT: 7.38 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

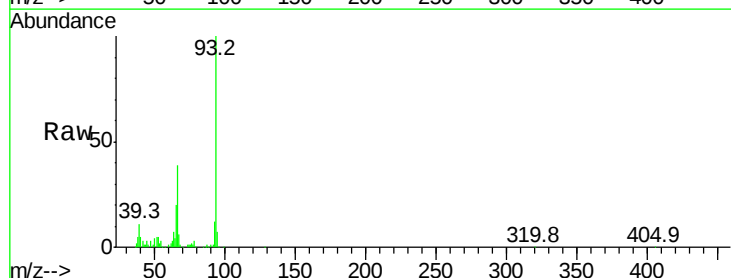
Tgt Ion: 93 Resp: 116711

Ion Ratio Lower Upper

93 100

66 39.0 33.7 50.5

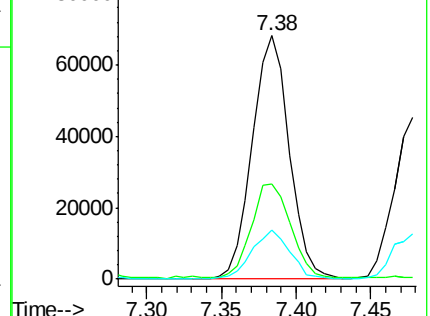
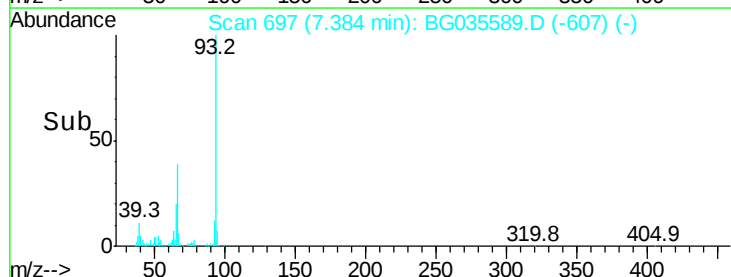
65 20.1 16.1 24.1

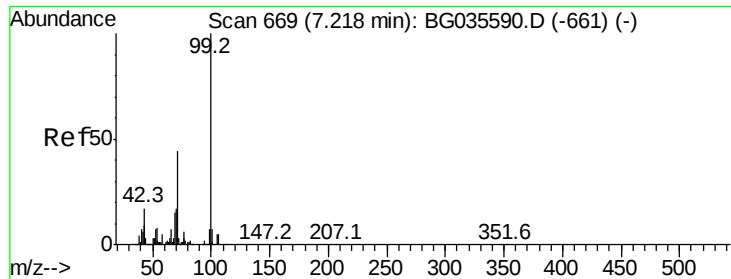


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 52.201 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampled :

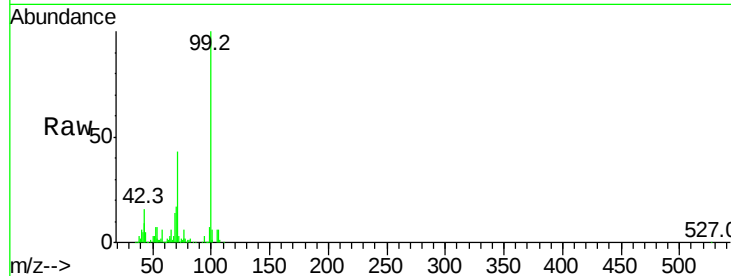
Tot Ion: 99 Resp: 180931

Ion Ratio Lower Upper

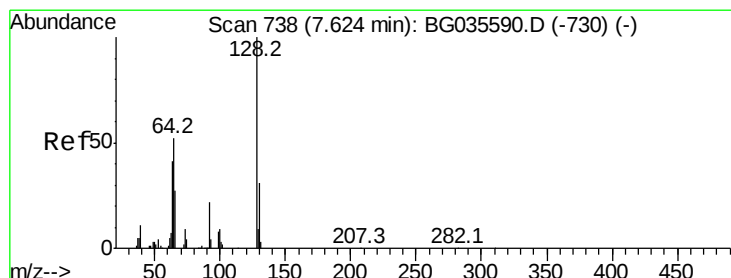
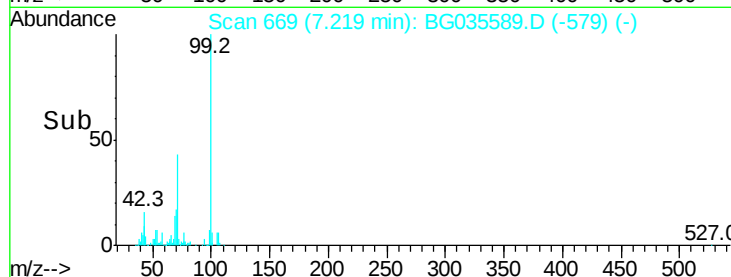
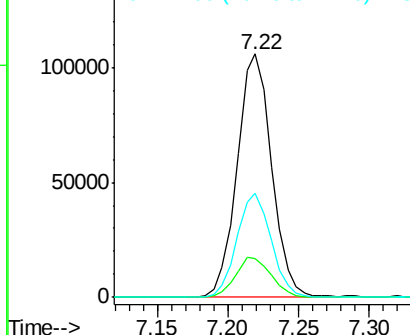
99 100

42 15.7 14.1 21.1

71 42.6 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: 24.518 ng

RT: 7.62 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

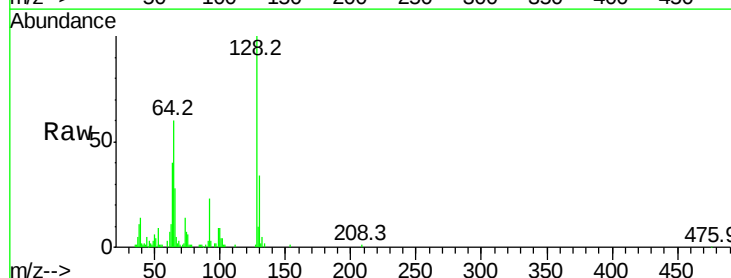
Tgt Ion:128 Resp: 60353

Ion Ratio Lower Upper

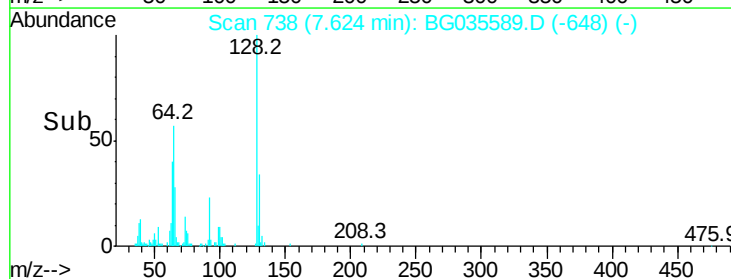
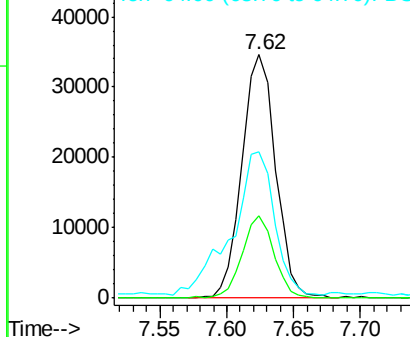
128 100

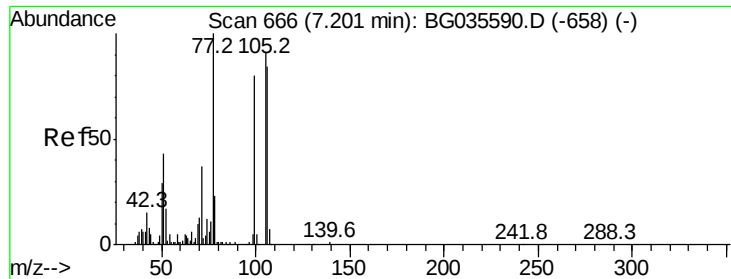
130 33.8 14.0 54.0

64 59.9 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: 23.401 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

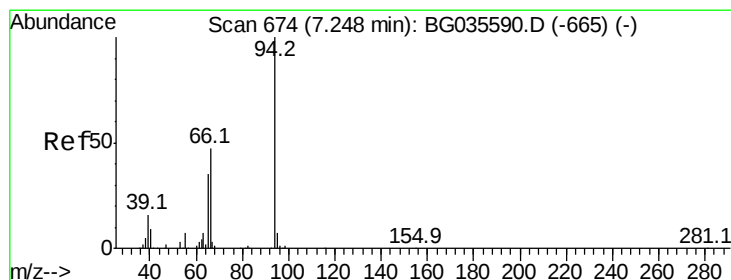
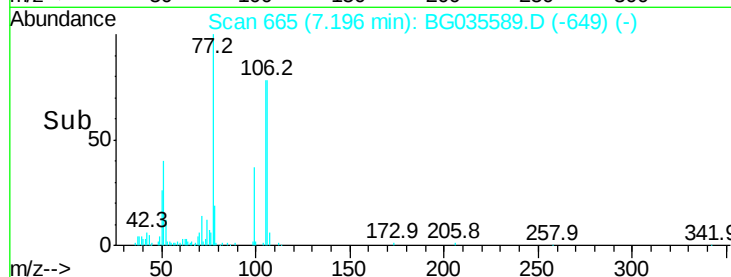
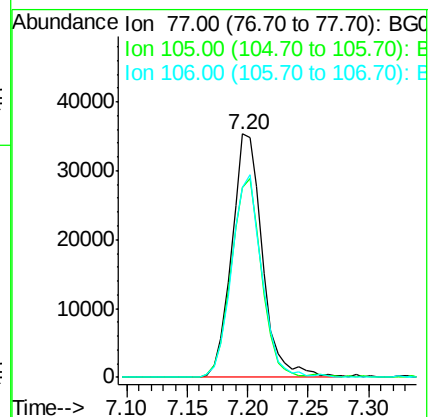
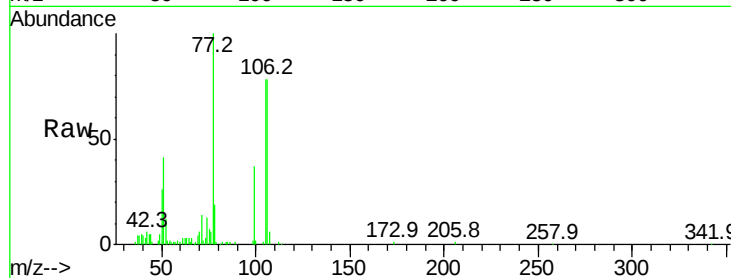
Tot Ion: 77 Resp: 62475

Ion Ratio Lower Upper

77 100

105 77.9 71.3 111.3

106 78.2 64.2 104.2



#10

Phenol

Concen: 25.716 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

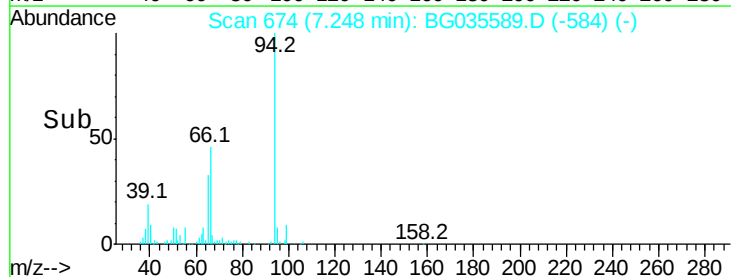
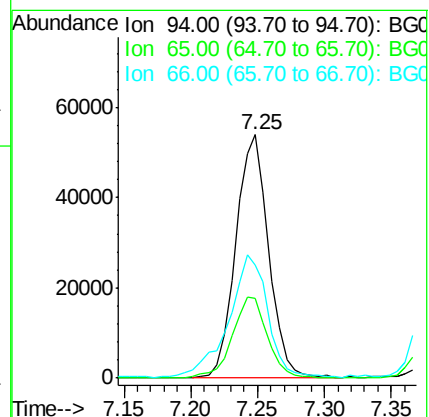
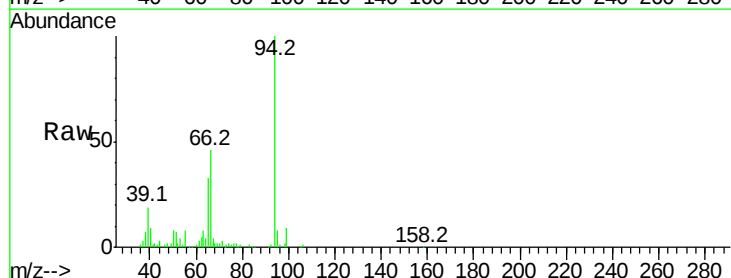
Tgt Ion: 94 Resp: 92242

Ion Ratio Lower Upper

94 100

65 32.8 11.9 51.9

66 46.5 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 25.325 ng

RT: 7.48 min Scan# 713

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

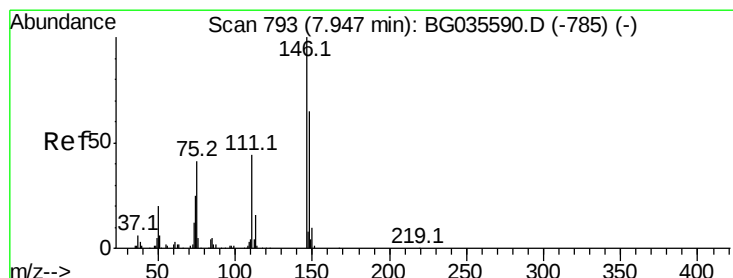
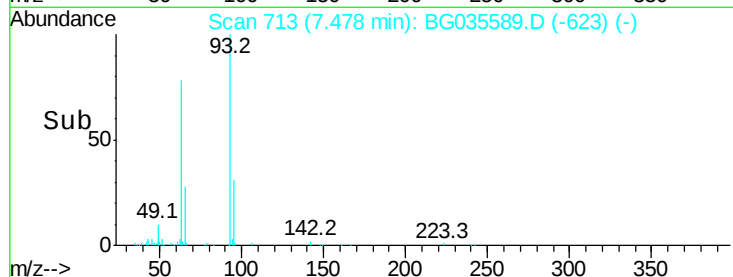
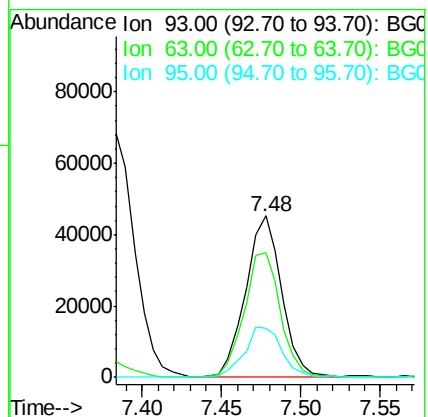
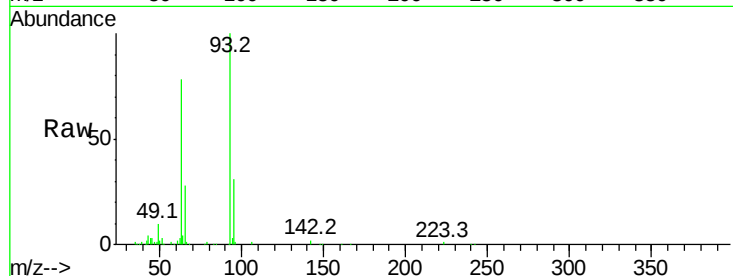
Tot Ion: 93 Resp: 70506

Ion Ratio Lower Upper

93 100

63 77.5 67.1 107.1

95 30.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 24.364 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

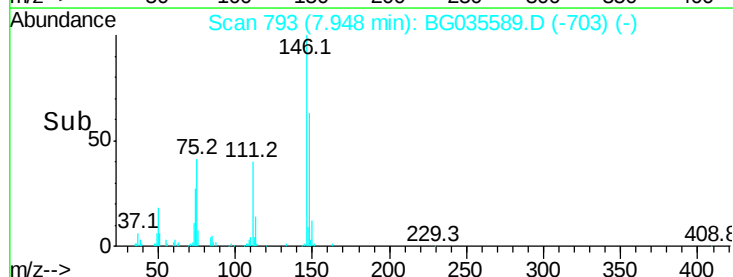
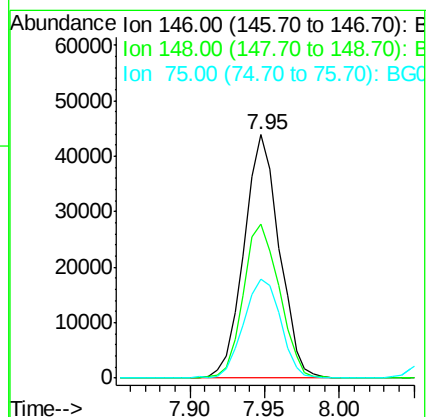
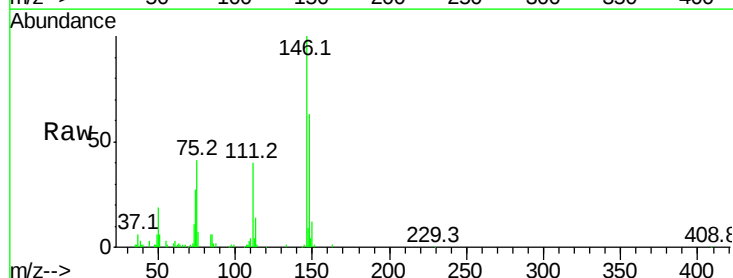
Tgt Ion: 146 Resp: 71557

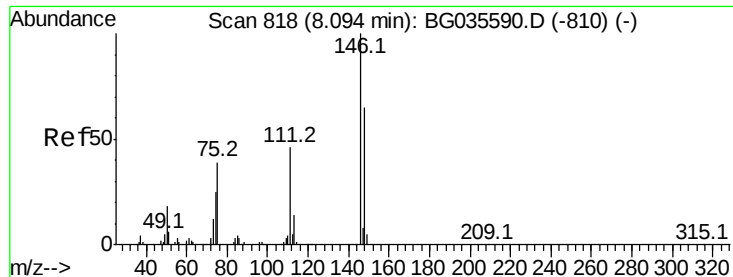
Ion Ratio Lower Upper

146 100

148 63.1 51.4 77.2

75 40.6 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 24.166 ng

RT: 8.09 min Scan# 818

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampled :

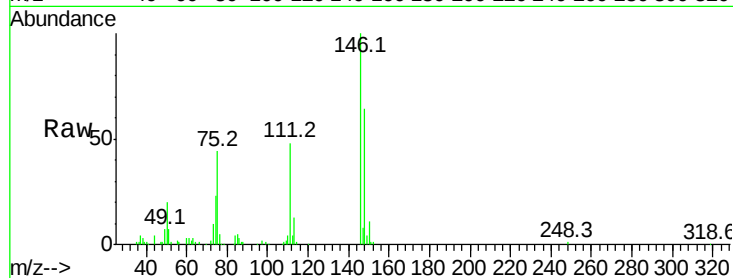
Tot Ion:146 Resp: 73267

Ion Ratio Lower Upper

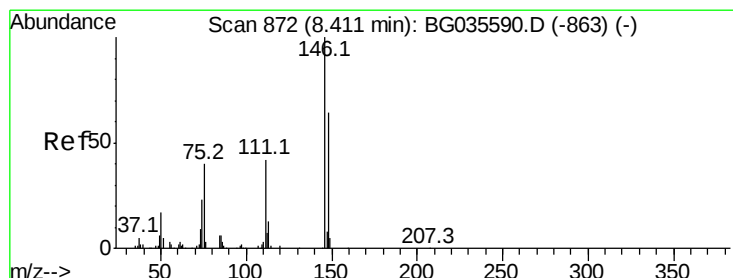
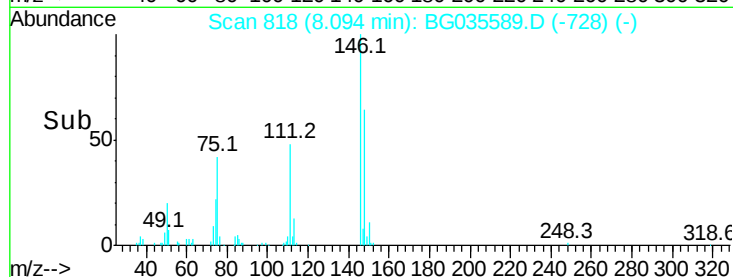
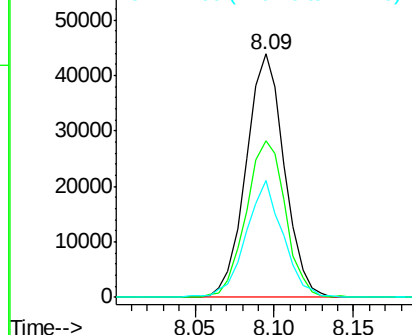
146 100

148 64.4 53.7 80.5

111 47.9 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 25.479 ng

RT: 8.41 min Scan# 872

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

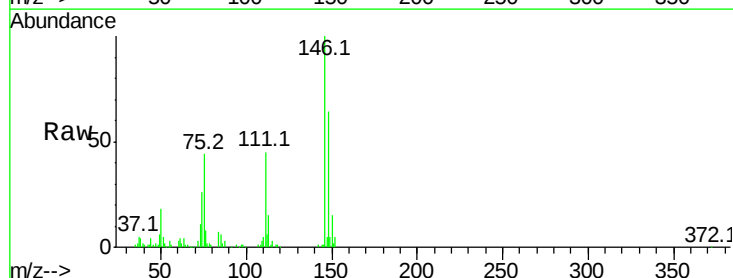
Tgt Ion:146 Resp: 72561

Ion Ratio Lower Upper

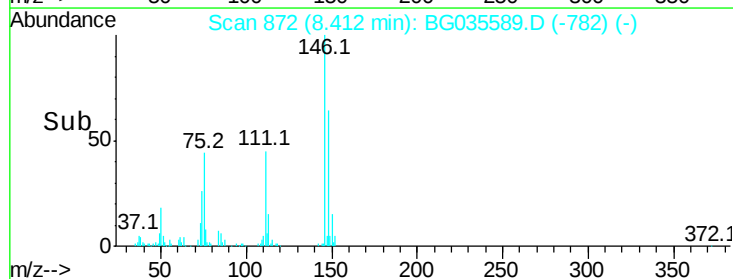
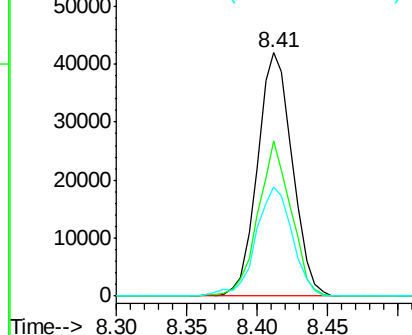
146 100

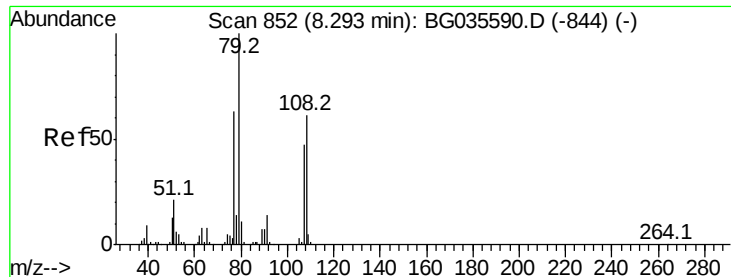
148 63.9 49.3 73.9

111 45.0 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 25.347 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

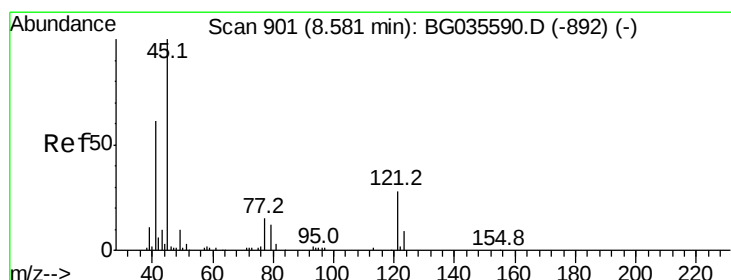
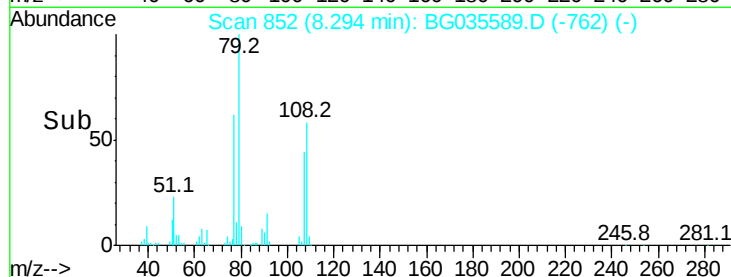
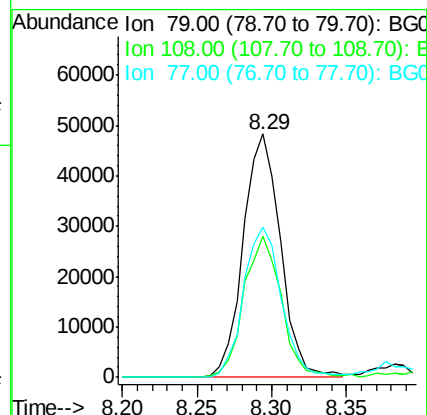
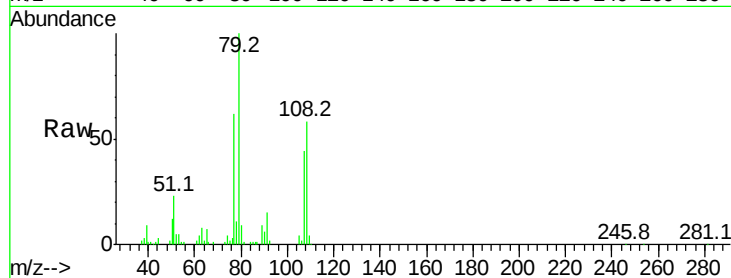
Tot Ion: 79 Resp: 83247

Ion Ratio Lower Upper

79 100

108 58.2 57.2 85.8

77 61.6 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 21.849 ng

RT: 8.59 min Scan# 902

Delta R.T. 0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

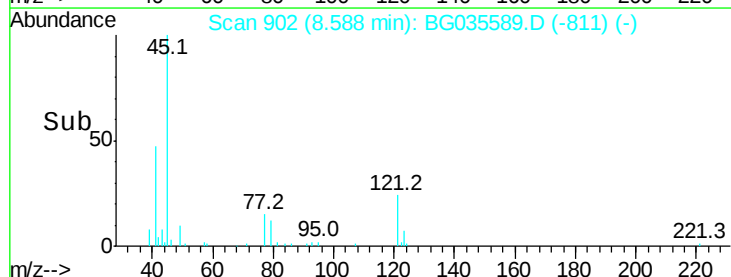
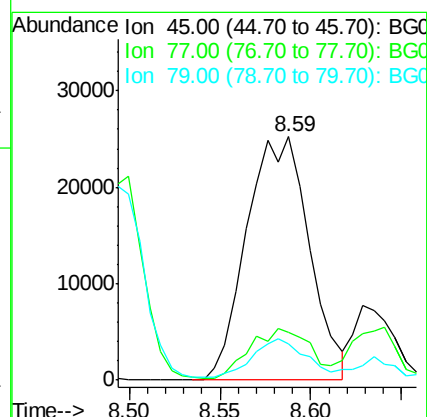
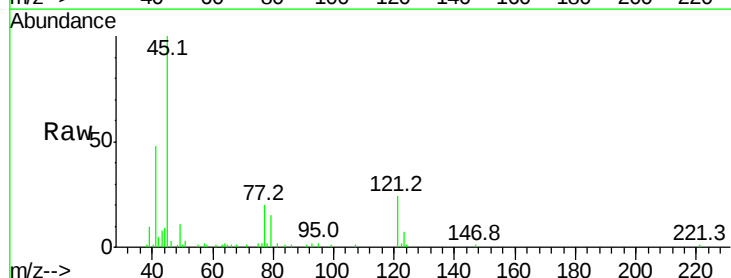
Tgt Ion: 45 Resp: 60544

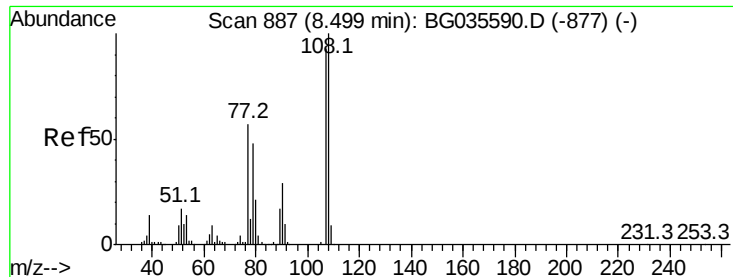
Ion Ratio Lower Upper

45 100

77 19.6 0.0 30.2

79 14.6 0.0 27.9





#17

2-Methylphenol

Concen: 26.027 ng

RT: 8.50 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG035589.D

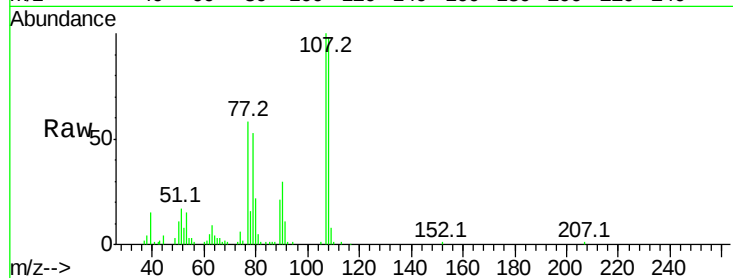
Acq: 12 Jul 2018 11:22

Instrument :

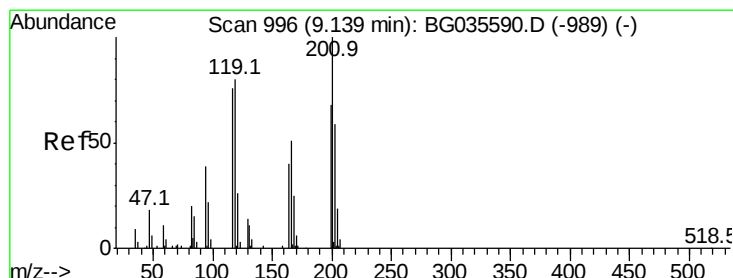
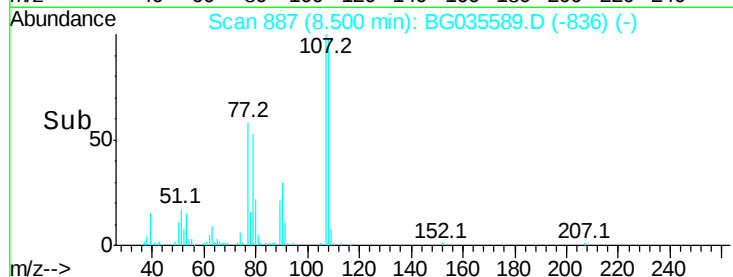
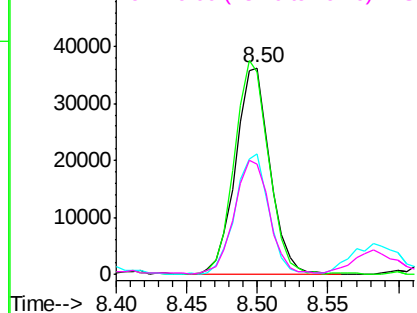
BNA_G

ClientSampleId :

Tot Ion:	107	Resp:	61550
Ion	Ratio	Lower	Upper
107	100		
108	98.0	83.9	125.9
77	58.4	37.2	55.8#
79	53.1	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: 25.783 ng

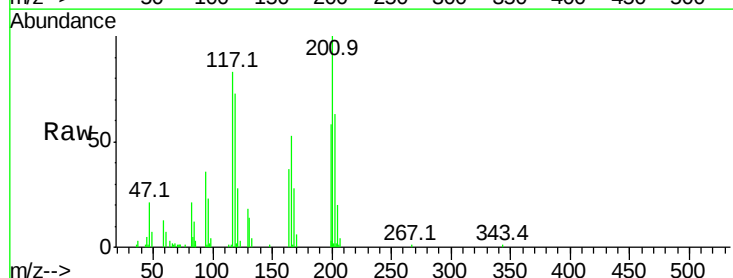
RT: 9.14 min Scan# 996

Delta R.T. 0.00 min

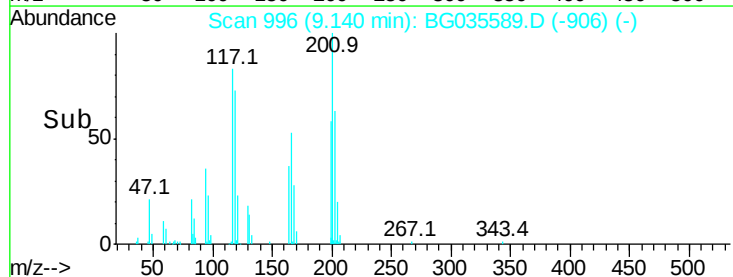
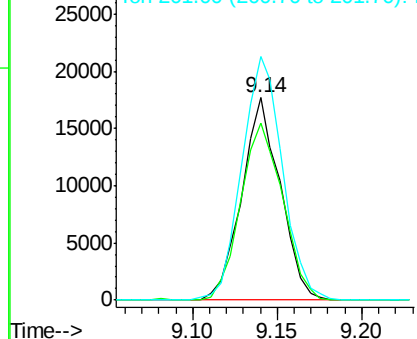
Lab File: BG035589.D

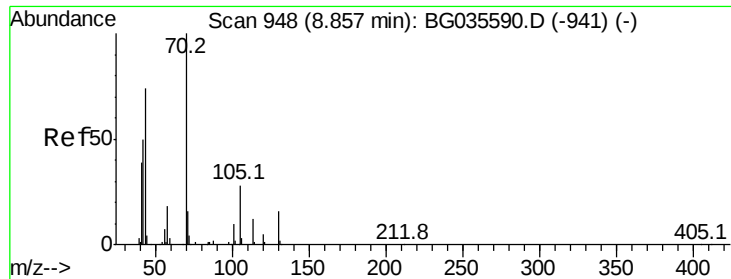
Acq: 12 Jul 2018 11:22

Tgt Ion:	117	Resp:	27986
Ion	Ratio	Lower	Upper
117	100		
119	87.5	76.7	115.1
201	120.5	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

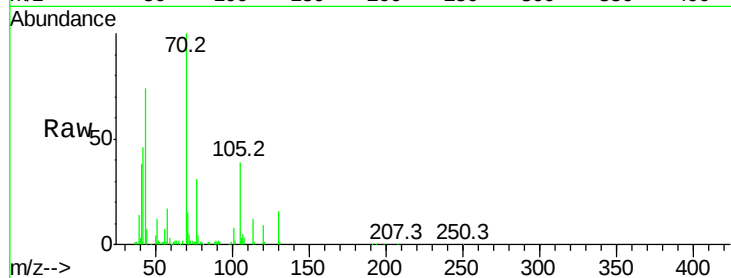




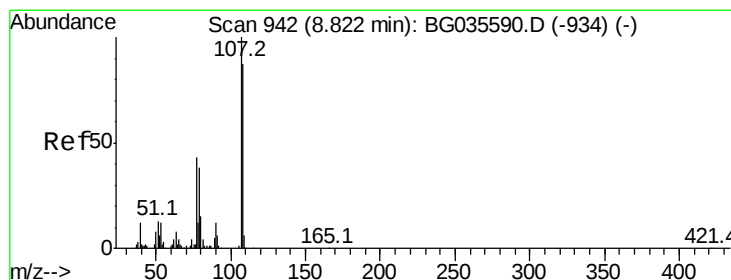
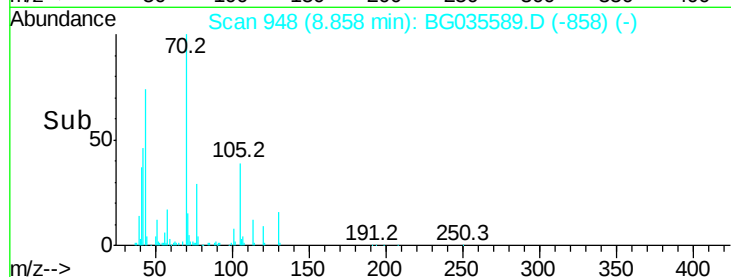
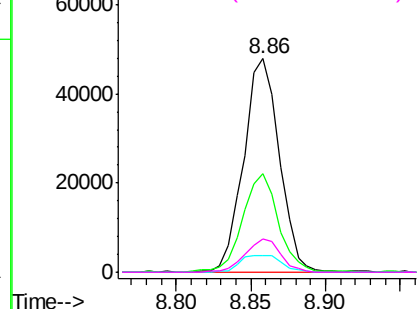
#19
n-Nitroso-di-n-propylamine
Concen: 26.903 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 79221
Ion Ratio Lower Upper
70 100
42 45.9 49.1 73.7#
101 7.9 8.5 12.7#
130 15.7 13.4 20.0

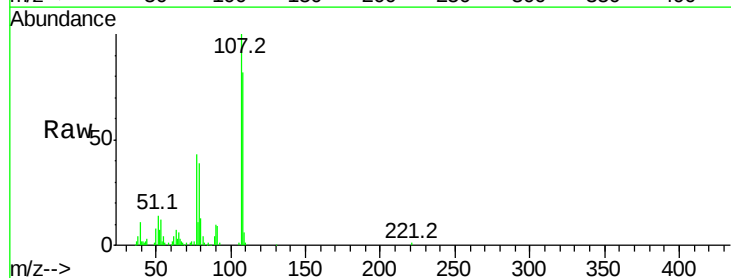


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

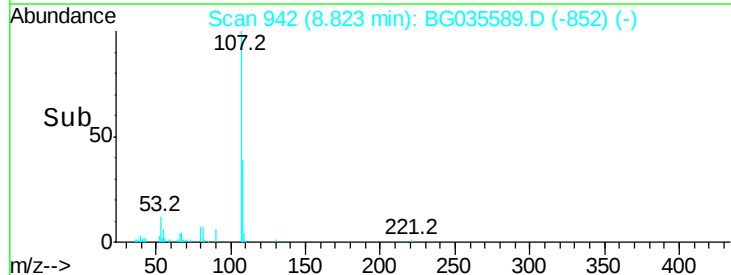
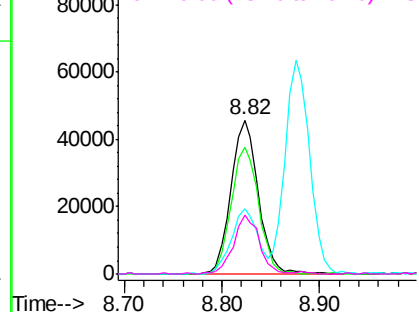


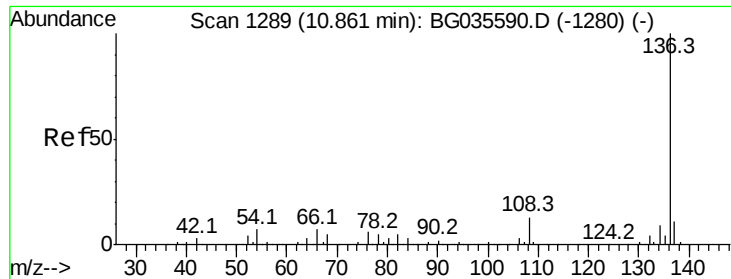
#20
3+4-Methylphenols
Concen: 26.315 ng
RT: 8.82 min Scan# 942
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion: 107 Resp: 89200
Ion Ratio Lower Upper
107 100
108 82.2 61.6 101.6
77 42.7 13.9 53.9
79 38.6 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

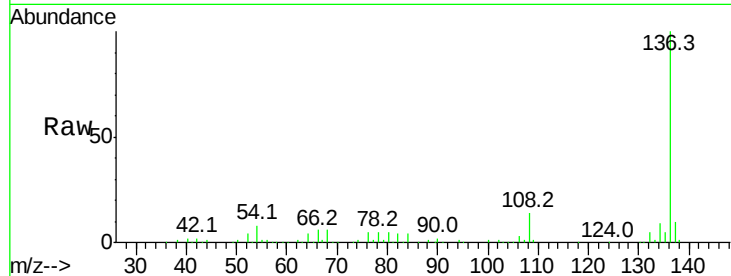




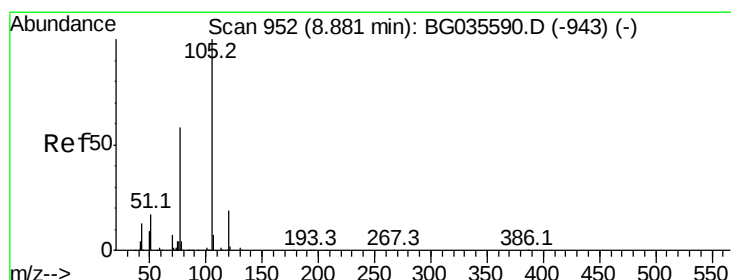
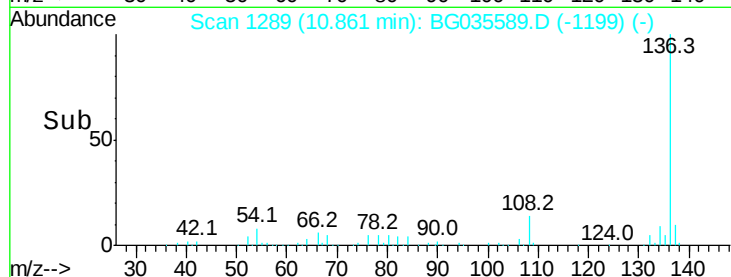
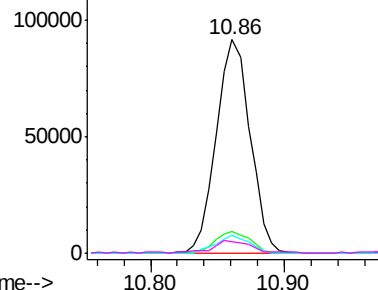
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	160814
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.2	13.8
54	8.2	10.3	15.5#
68	5.6	4.5	6.7

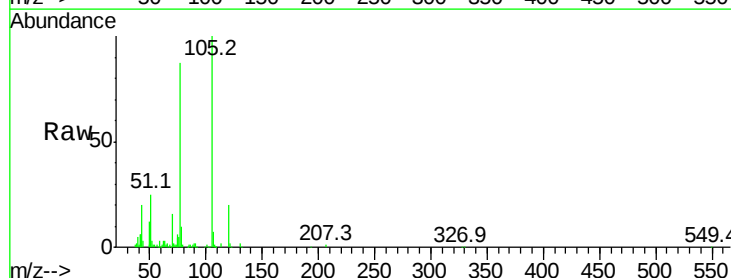


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

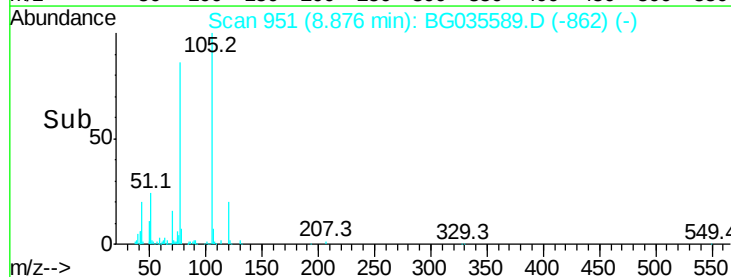
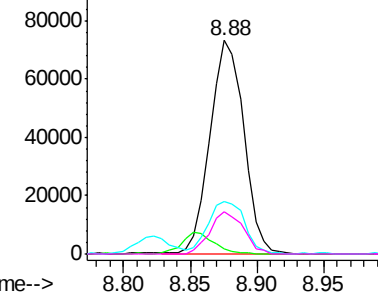


#22
Acetophenone
Concen: 25.808 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:	105	Resp:	128562
Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.0	4.4#
51	24.7	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): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

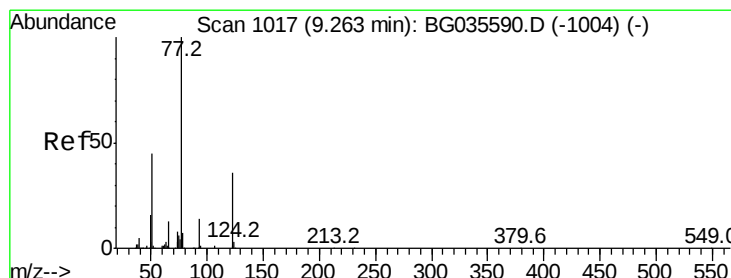
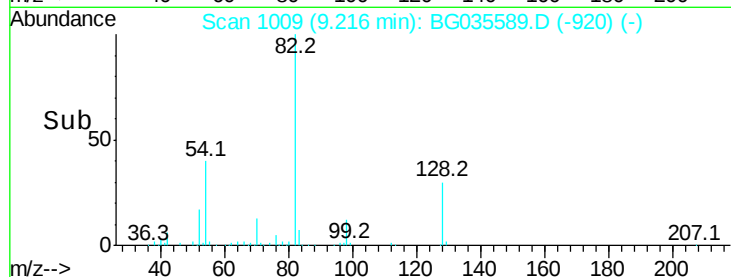
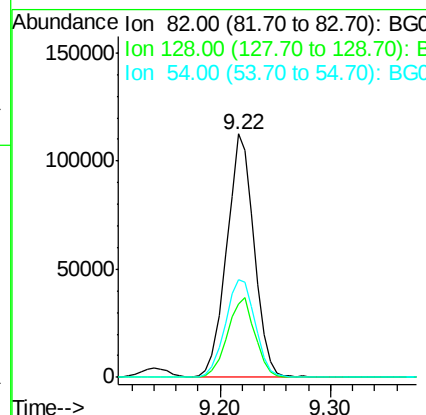
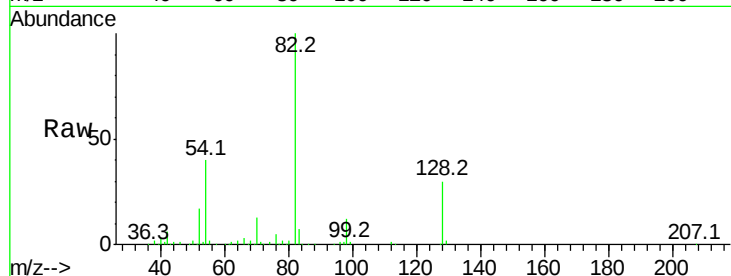




#23
 Nitrobenzene-d5
 Concen: 57.579 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

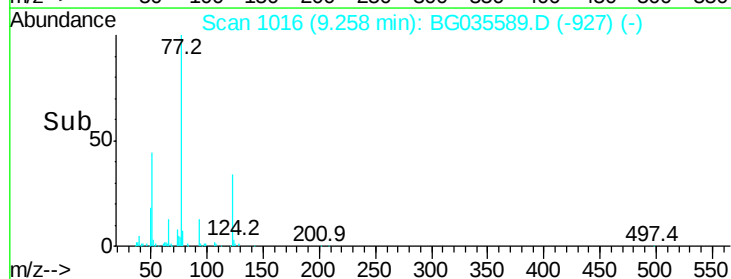
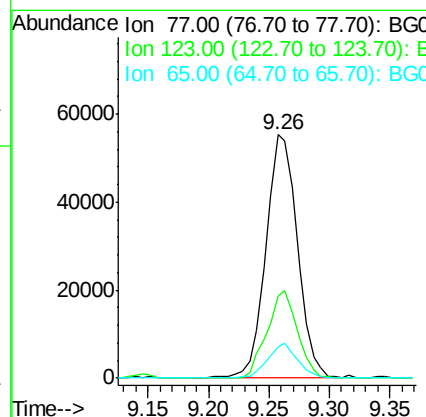
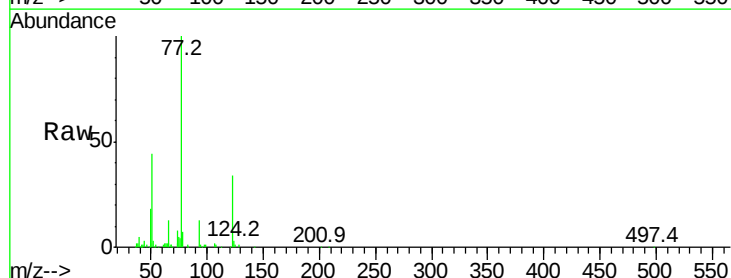
Instrument :
 BNA_G
 ClientSampleId :

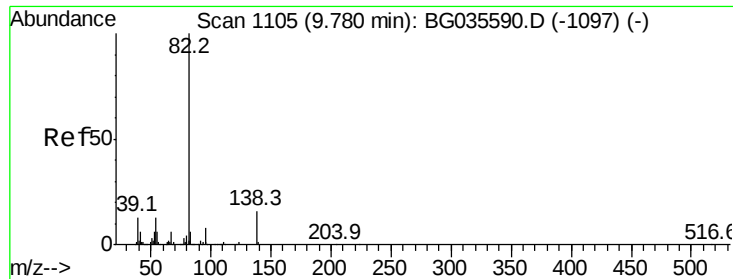
Tot Ion	82	Resp	194797
Ion	Ratio	Lower	Upper
82	100		
128	30.0	29.7	44.5
54	40.1	43.1	64.7#



#24
 Nitrobenzene
 Concen: 28.829 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion	77	Resp	99874
Ion	Ratio	Lower	Upper
77	100		
123	33.6	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 25.523 ng

RT: 9.78 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

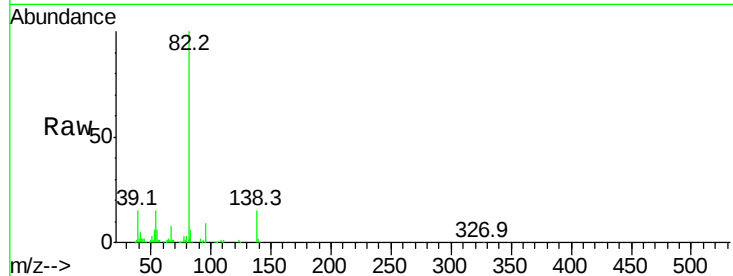
Tot Ion: 82 Resp: 182304

Ion Ratio Lower Upper

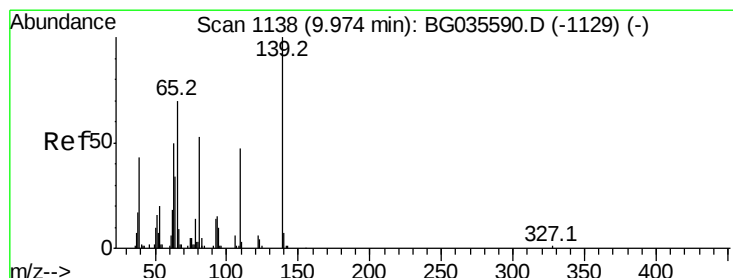
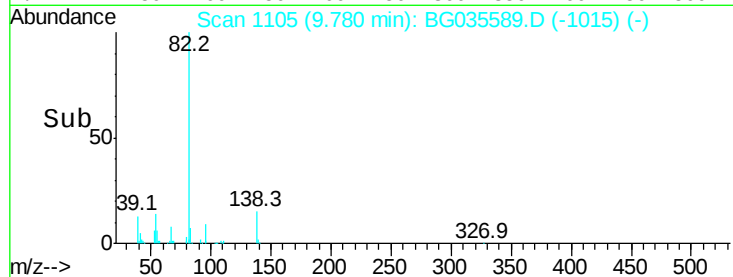
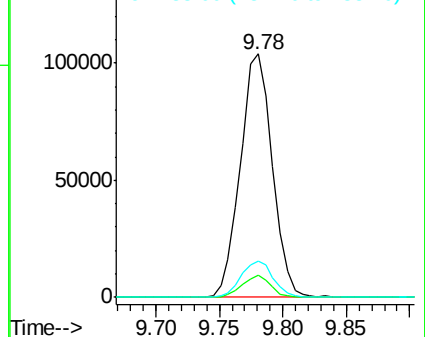
82 100

95 9.1 6.2 9.2

138 14.8 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 28.662 ng

RT: 9.97 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

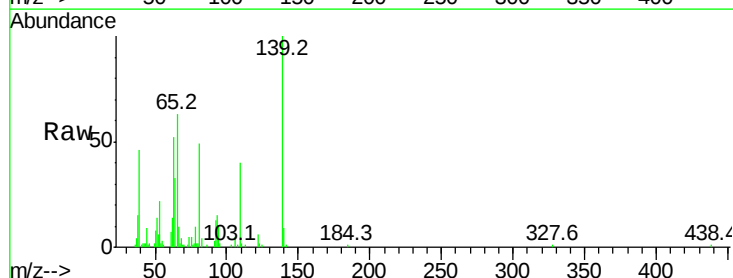
Tgt Ion: 139 Resp: 34226

Ion Ratio Lower Upper

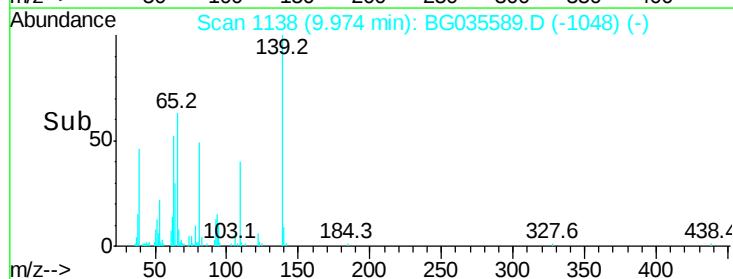
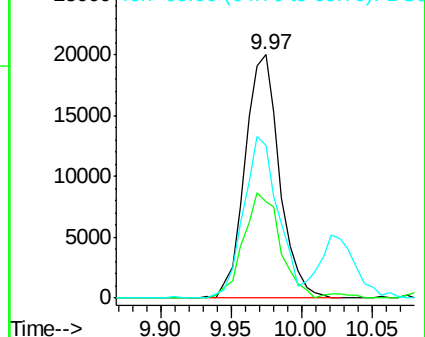
139 100

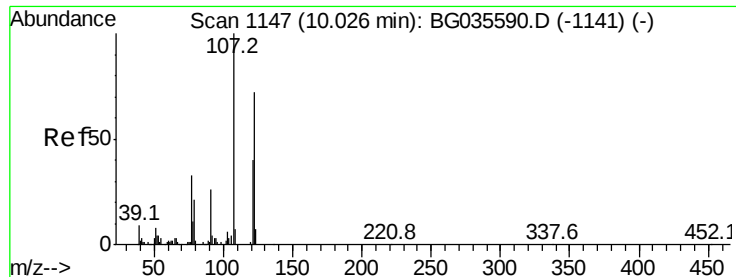
109 39.6 24.2 36.2#

65 63.0 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

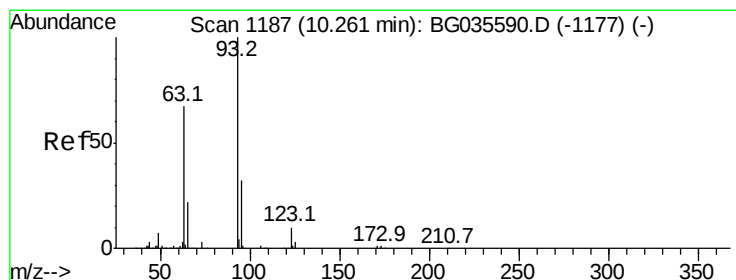
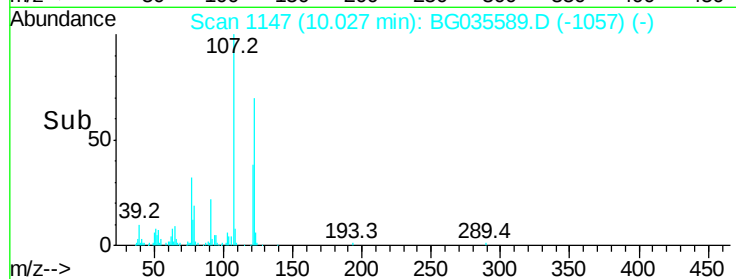
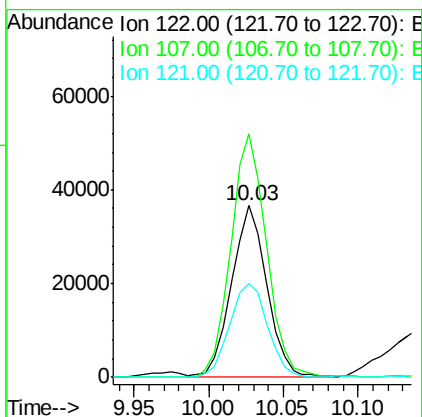
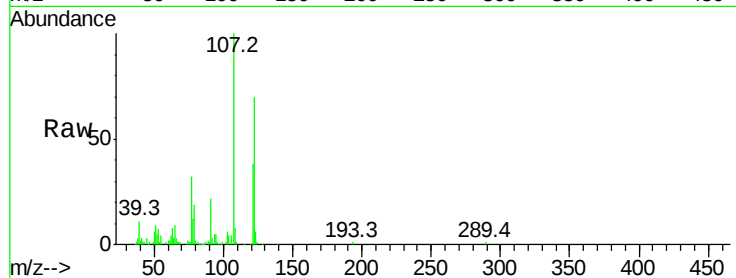




#27
2,4-Dimethylphenol
Concen: 24.086 ng
RT: 10.03 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

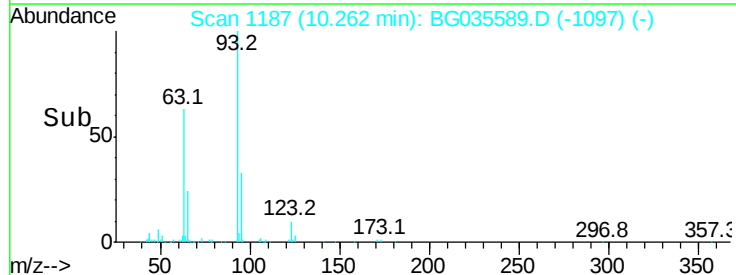
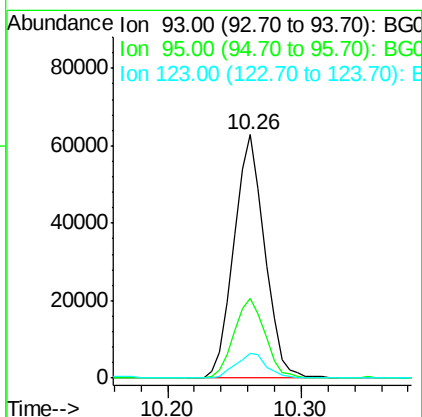
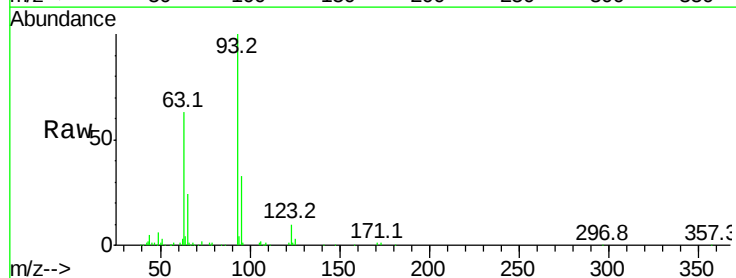
Instrument :
BNA_G
ClientSampleId :

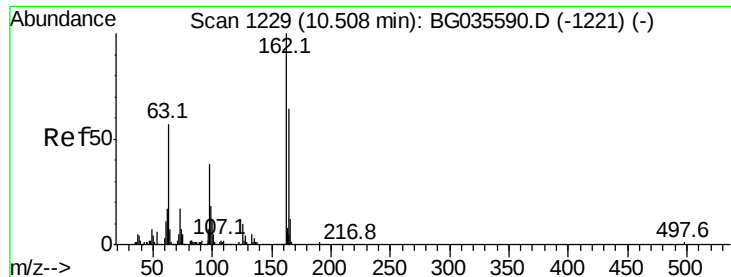
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.8	100.2	150.2
121	54.5	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 26.218 ng
RT: 10.26 min Scan# 1187
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	24.3	36.5
123	9.9	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 24.927 ng

RT: 10.51 min Scan# 1229

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

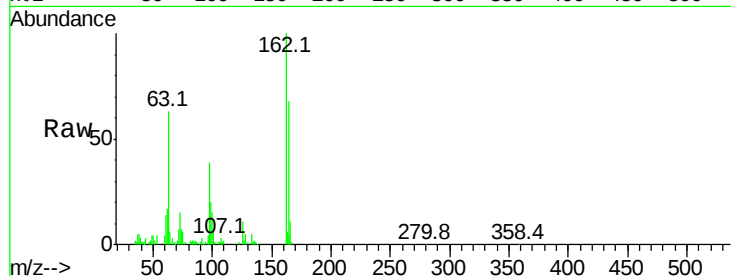
Instrument :

BNA_G

ClientSampleId :

Tot Ion:162 Resp: 68078

Ion	Ratio	Lower	Upper
162	100		
164	67.7	48.0	88.0
98	39.2	21.1	61.1

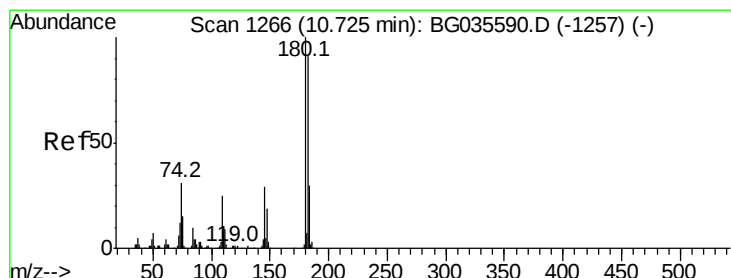
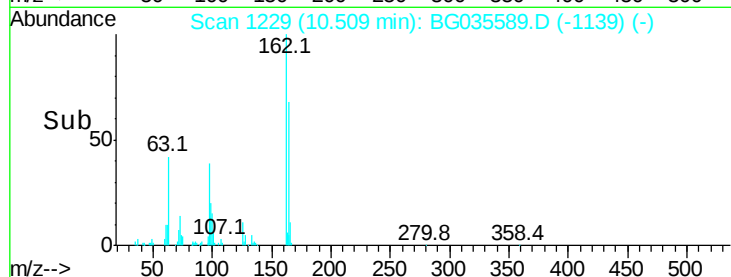
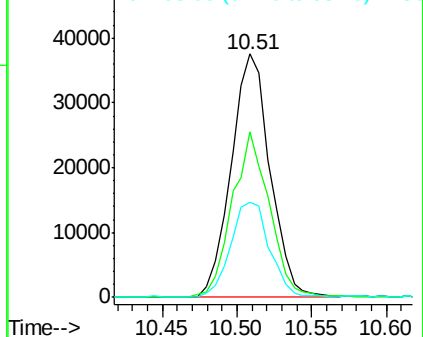


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 25.181 ng

RT: 10.72 min Scan# 1265

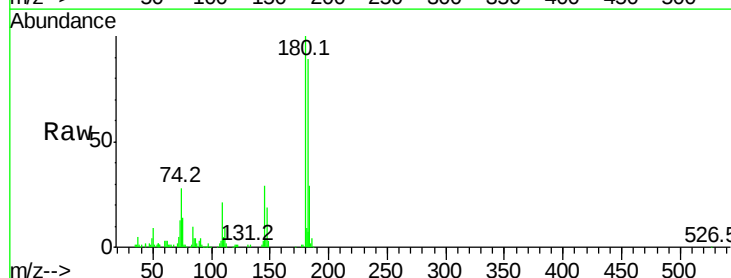
Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Tgt Ion:180 Resp: 82466

Ion	Ratio	Lower	Upper
180	100		
182	89.3	77.5	116.3
145	28.8	23.4	35.2

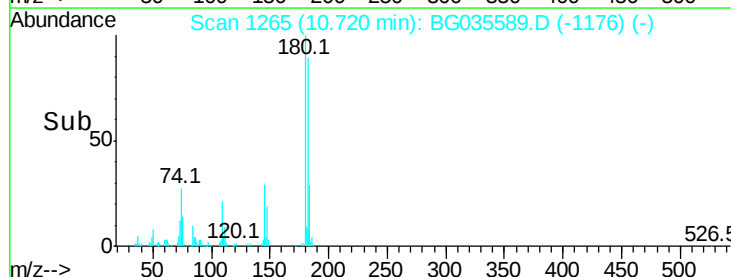
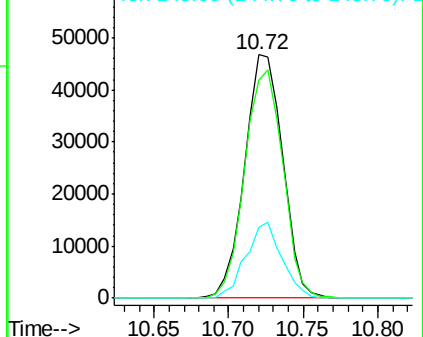


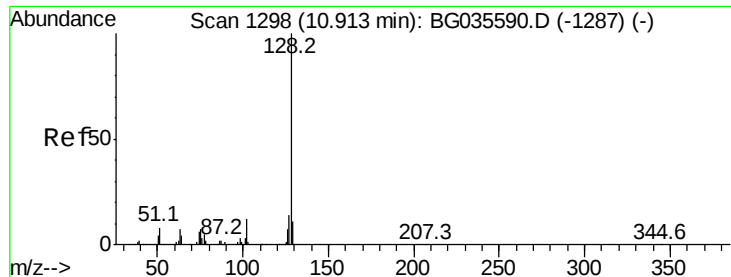
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

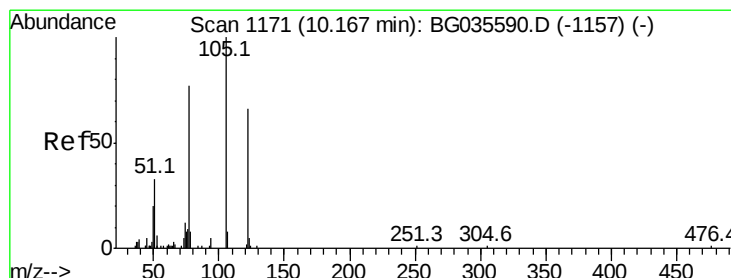
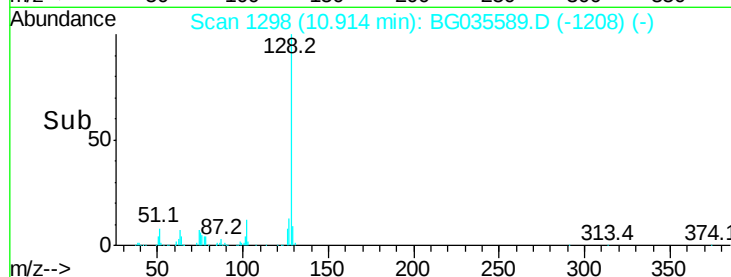
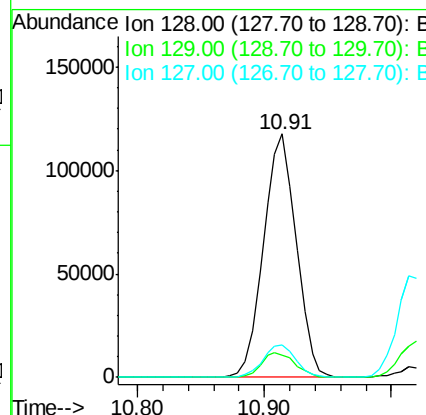
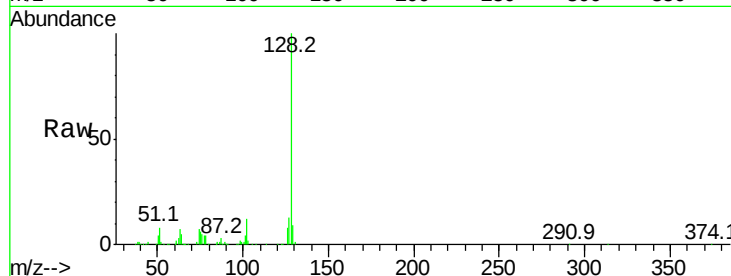




#31
Naphthalene
Concen: 25.186 ng
RT: 10.91 min Scan# 1298
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

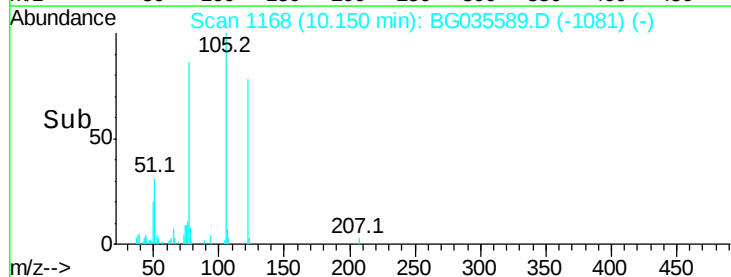
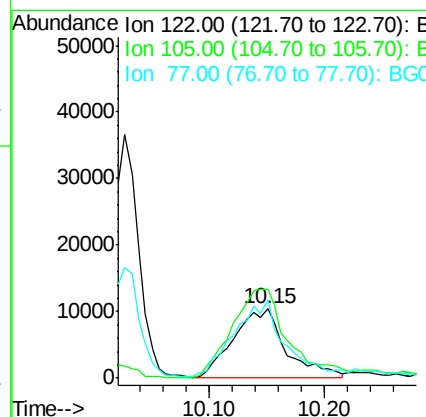
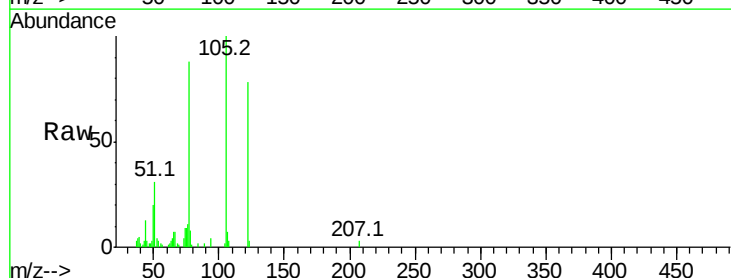
Instrument :
BNA_G
ClientSampleId :

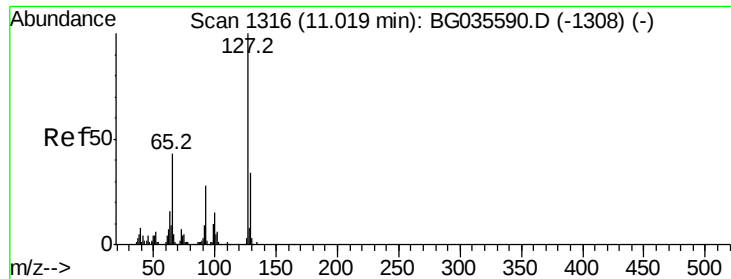
Tot Ion	Ratio	Lower	Upper
128	100		
129	9.3	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 19.804 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	123.5	163.5
77	113.0	85.7	125.7

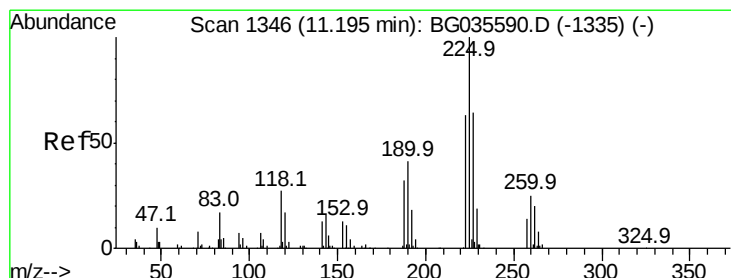
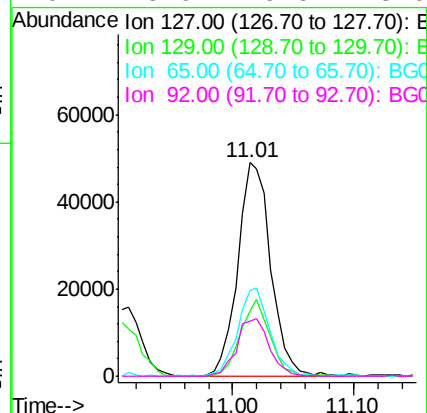
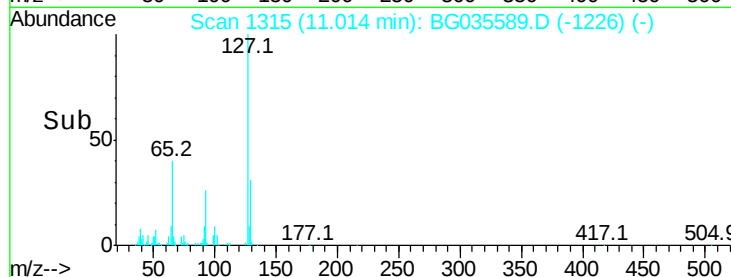
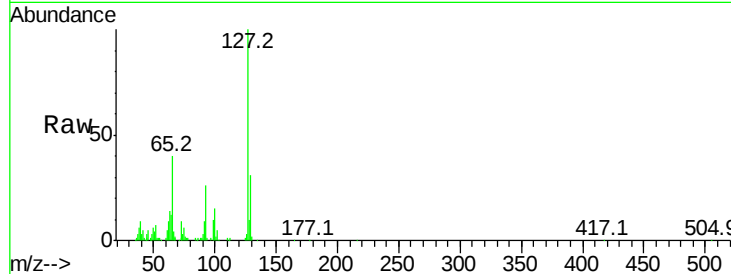




#33
4-Chloroaniline
Concen: 25.656 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

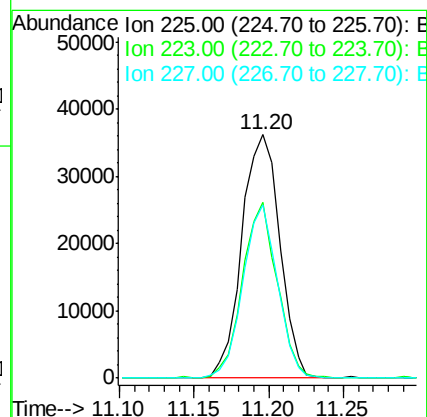
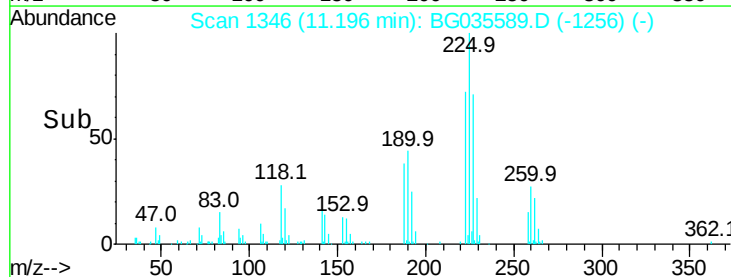
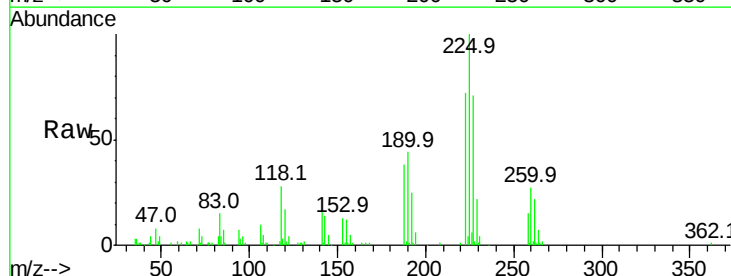
Instrument :
BNA_G
ClientSampleId :

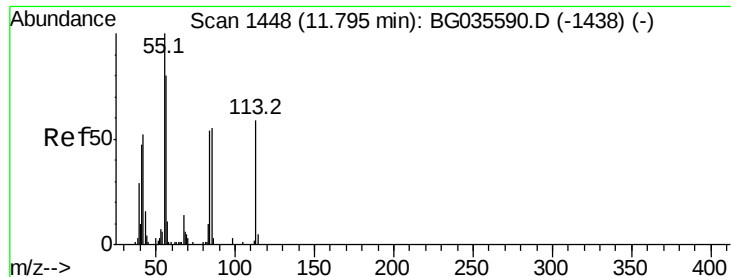
Tot Ion:	127	Resp:	93066
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	40.1	27.0	40.4
92	25.9	16.6	25.0#



#34
Hexachlorobutadiene
Concen: 25.053 ng
RT: 11.20 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:	225	Resp:	63808
Ion	Ratio	Lower	Upper
225	100		
223	72.0	49.7	74.5
227	71.1	48.1	72.1





#35

Caprolactam

Concen: 30.042 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

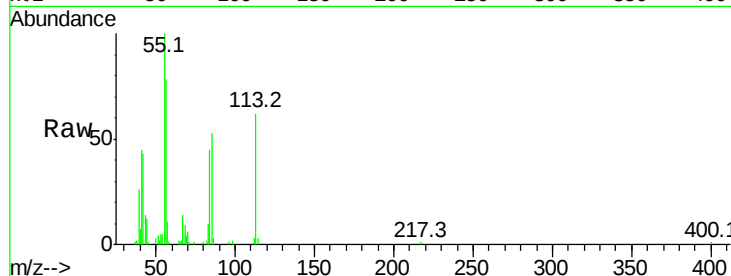
Tot Ion:113 Resp: 30323

Ion Ratio Lower Upper

113 100

55 161.9 186.9 226.9#

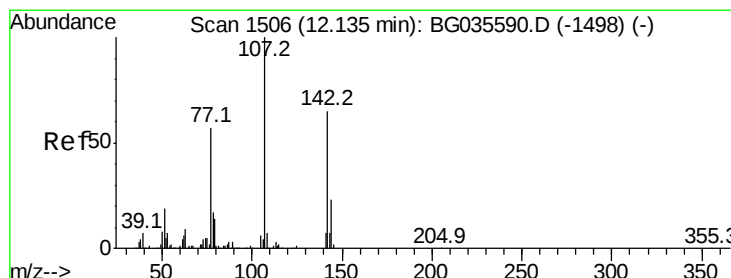
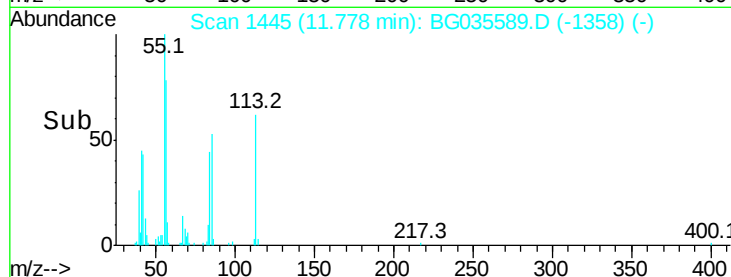
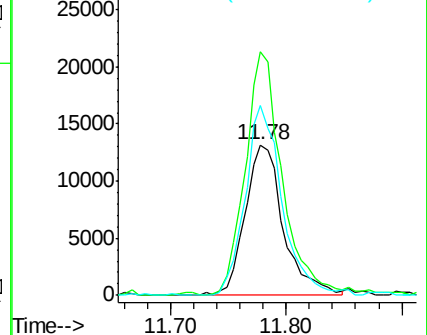
56 125.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 27.592 ng

RT: 12.14 min Scan# 1506

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

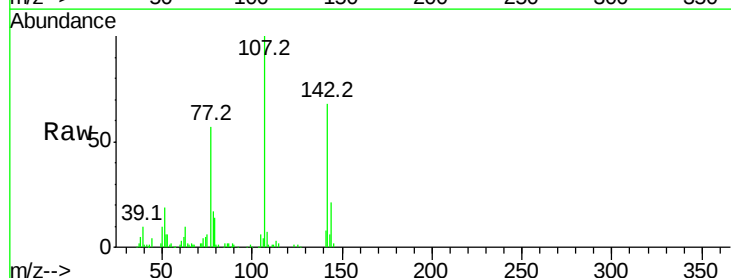
Tgt Ion:107 Resp: 93935

Ion Ratio Lower Upper

107 100

144 20.8 18.2 27.4

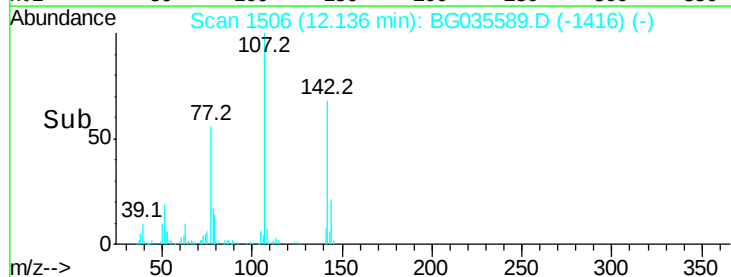
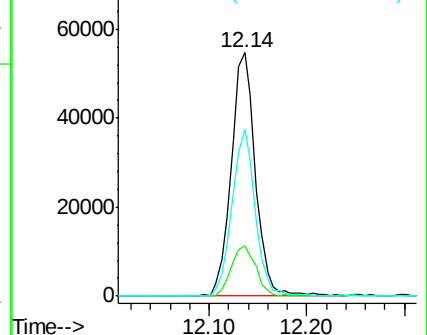
142 68.4 59.0 88.4

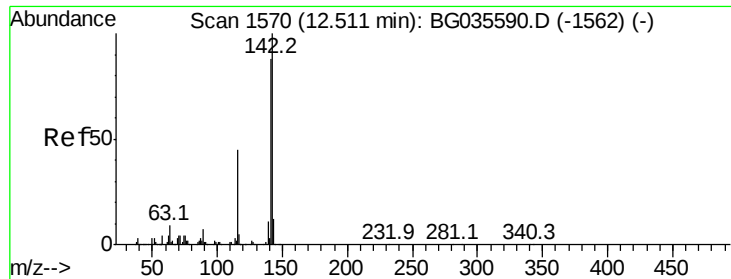


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 25.201 ng

RT: 12.51 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

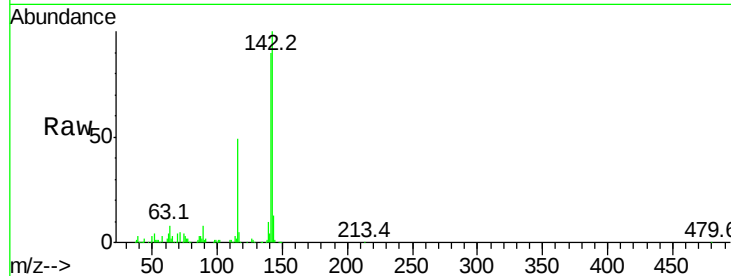
Tot Ion:142 Resp: 159618

Ion Ratio Lower Upper

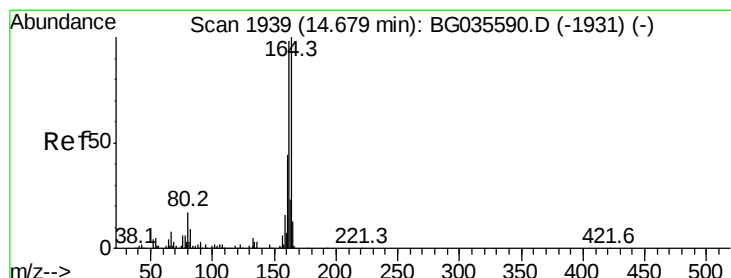
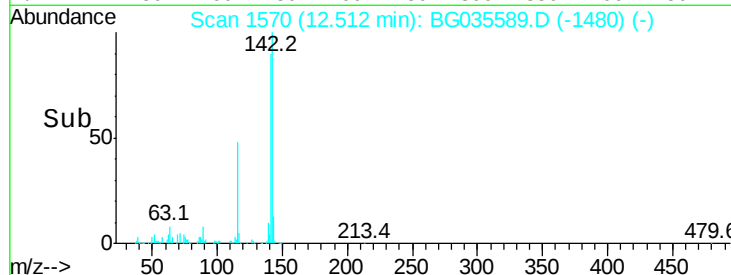
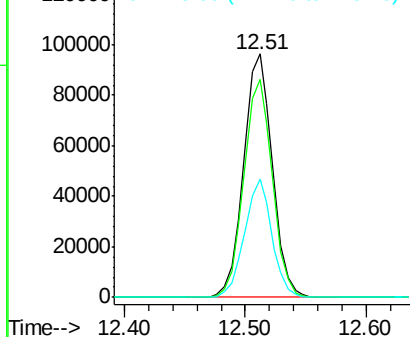
142 100

141 89.6 67.1 100.7

115 48.7 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: 14.68 min Scan# 1939

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

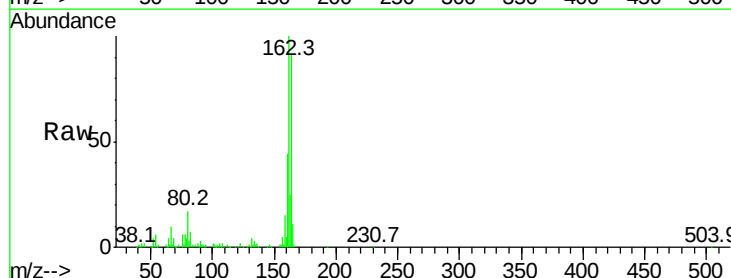
Tgt Ion:164 Resp: 114732

Ion Ratio Lower Upper

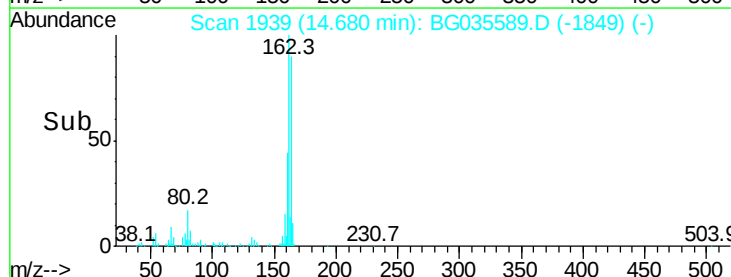
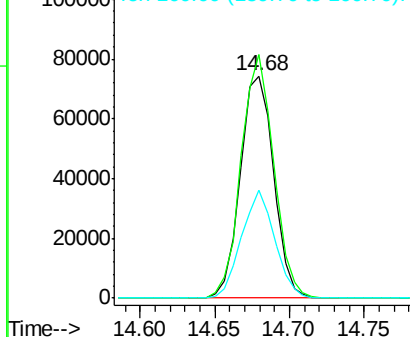
164 100

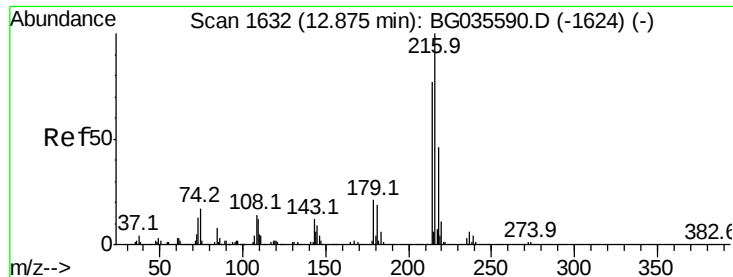
162 109.7 78.8 118.2

160 48.7 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

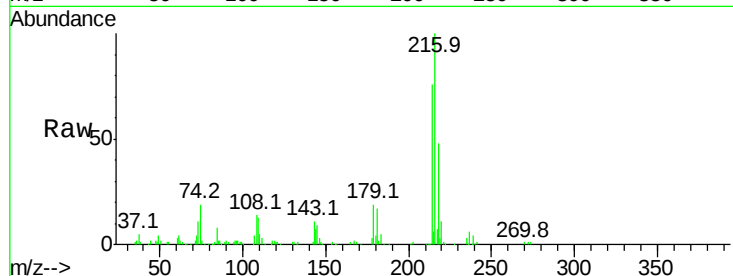




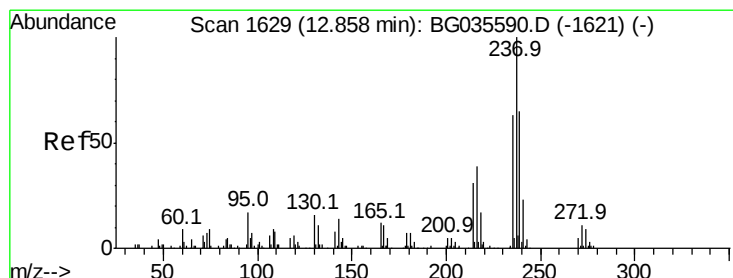
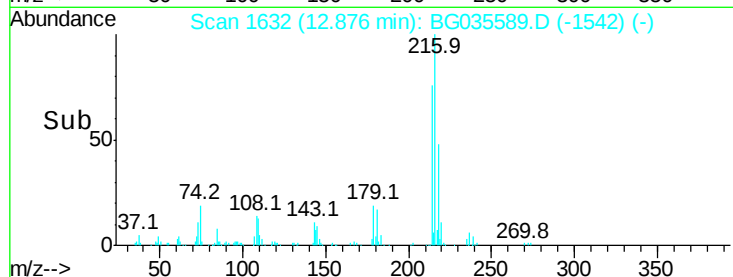
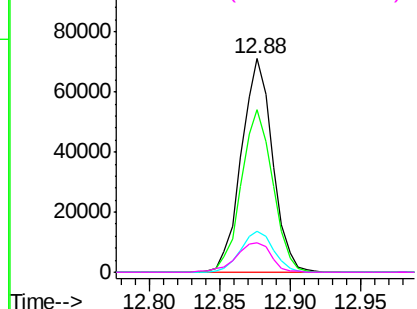
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 25.665 ng
 RT: 12.88 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	109680
Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.0	94.4
179	20.1	17.0	25.6
108	15.8	12.8	19.2

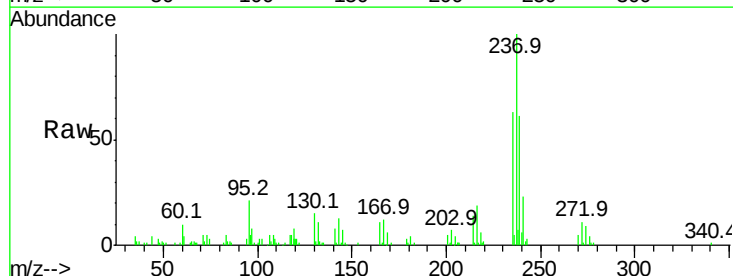


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

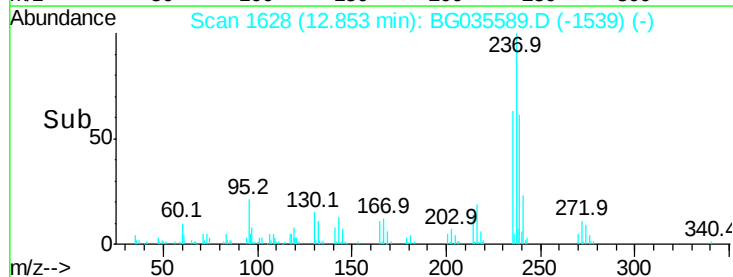
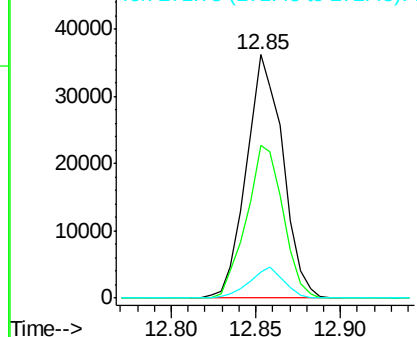


#40
 Hexachlorocyclopentadiene
 Concen: 20.270 ng
 RT: 12.85 min Scan# 1628
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:	237	Resp:	54321
Ion	Ratio	Lower	Upper
237	100		
235	63.0	50.4	90.4
272	10.9	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

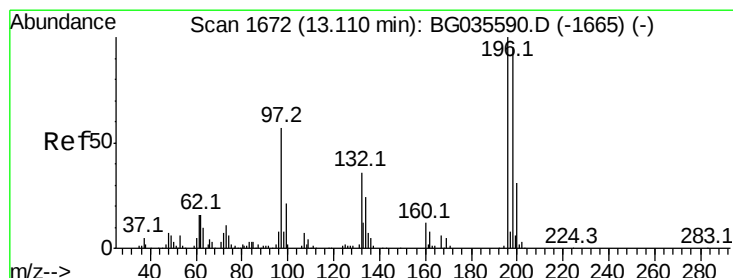
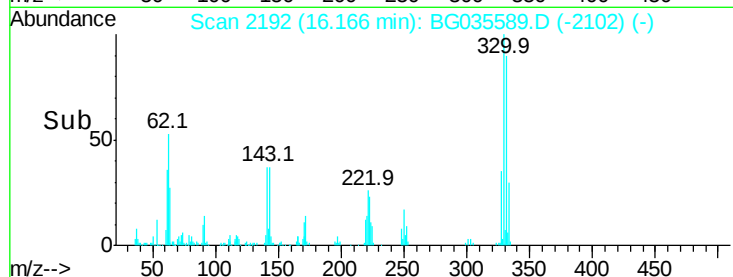
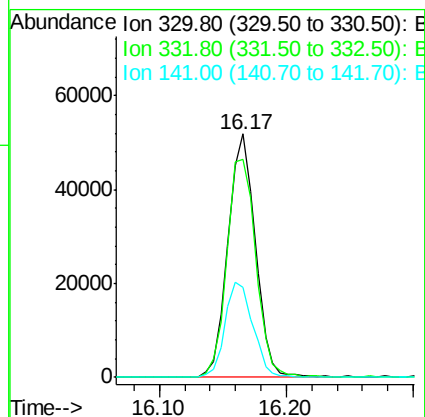
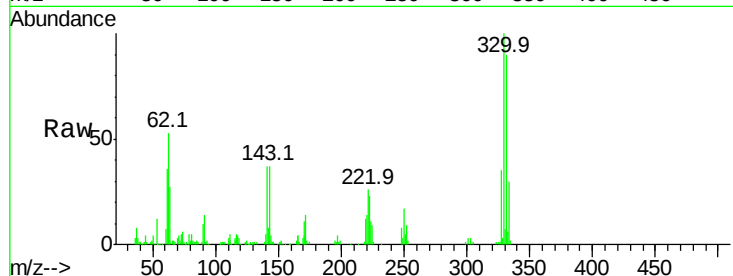




#41
 2,4,6-Tribromophenol
 Concen: 52.728 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

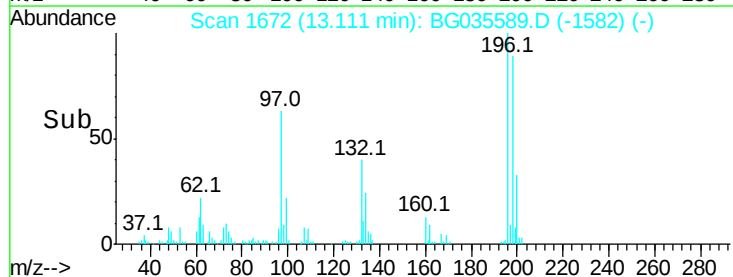
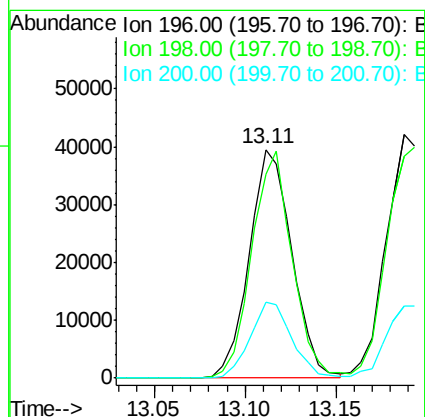
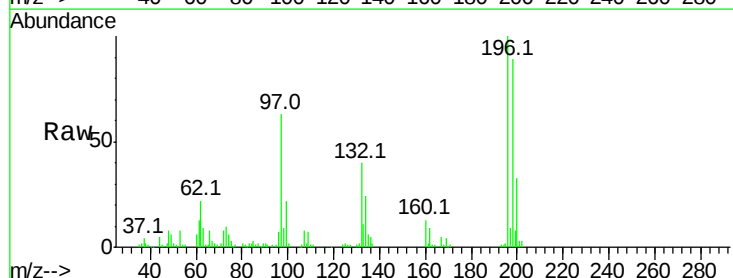
Instrument :
 BNA_G
 ClientSampleId :

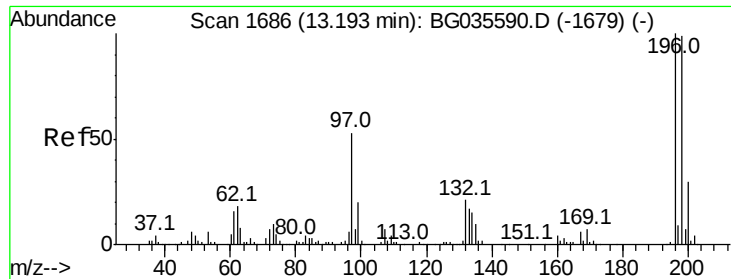
Tot Ion:330 Resp: 77443
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.0 115.6
 141 39.9 25.2 37.8#



#42
 2,4,6-Trichlorophenol
 Concen: 25.447 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:196 Resp: 65116
 Ion Ratio Lower Upper
 196 100
 198 89.1 78.2 117.2
 200 33.1 24.6 36.8

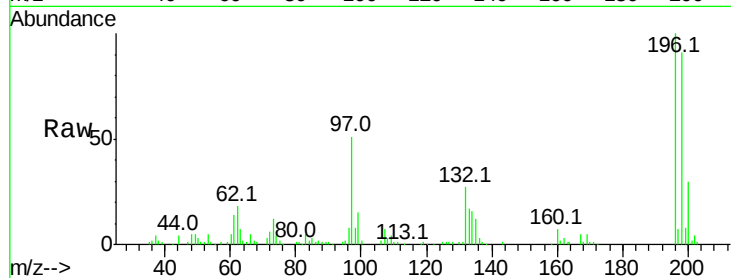




#43
 2,4,5-Trichlorophenol
 Concen: 26.066 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	73208
Ion Ratio	100	Lower	Upper
196	100		
198	91.0	76.2	114.4
97	50.5	38.7	58.1
132	26.8	20.2	30.2



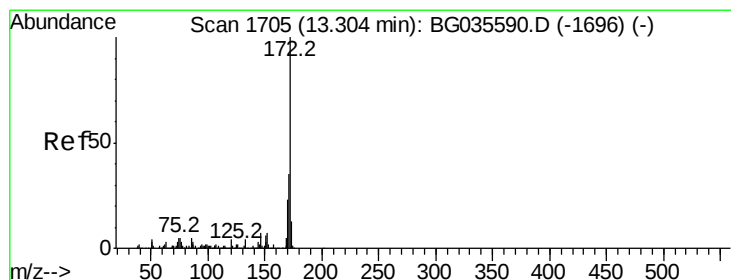
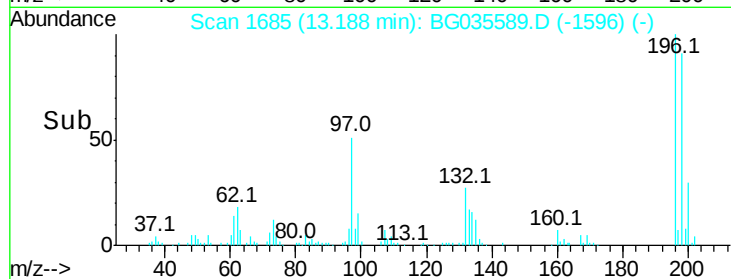
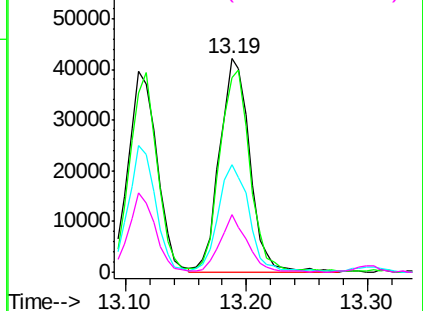
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

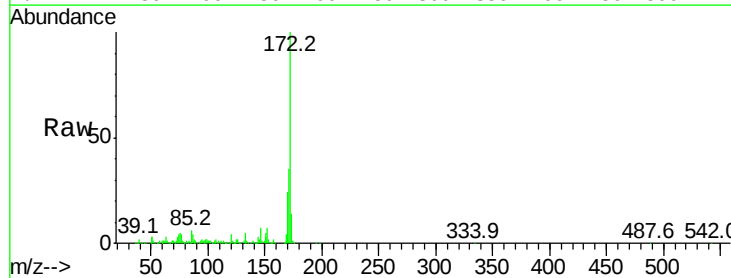
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 50.036 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion	172	Resp	441595
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
172	100		
171	34.6	30.0	45.0
170	24.1	19.5	29.3

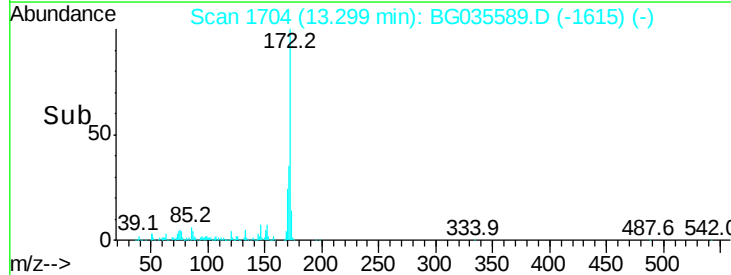
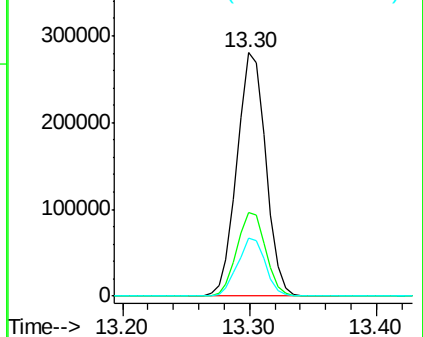


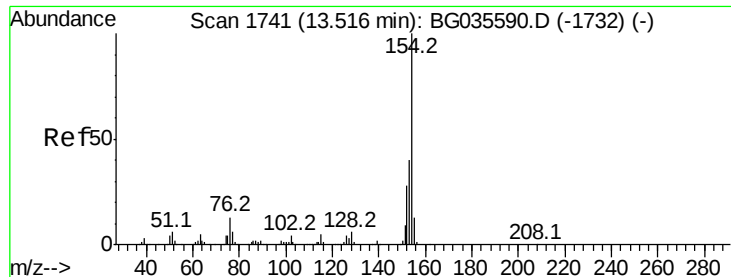
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

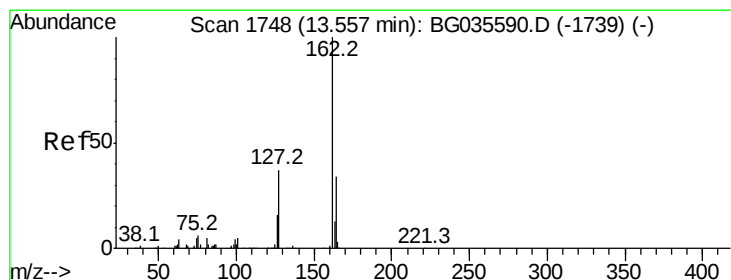
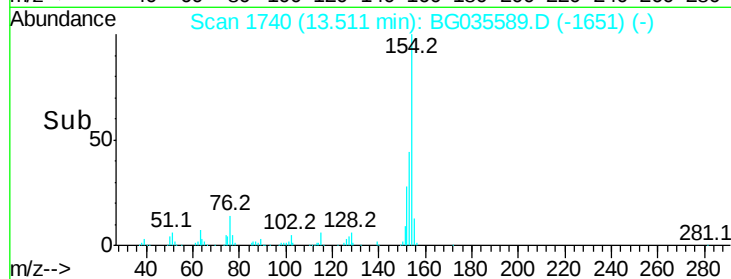
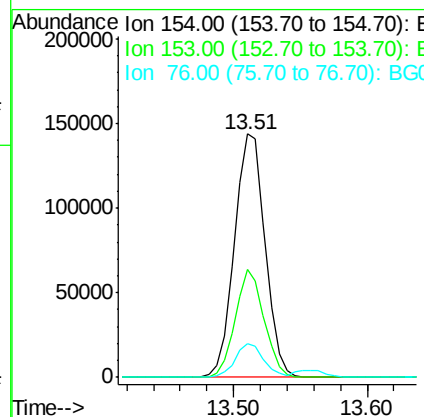
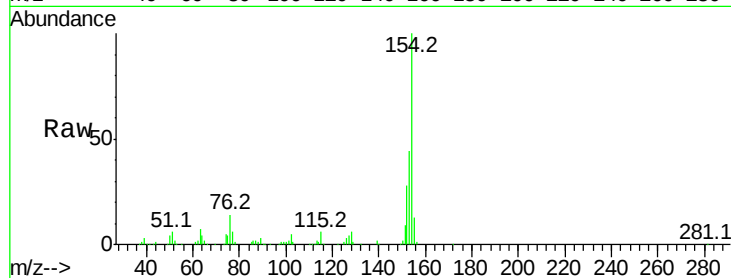




#45
 1,1'-Biphenyl
 Concen: 24.851 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

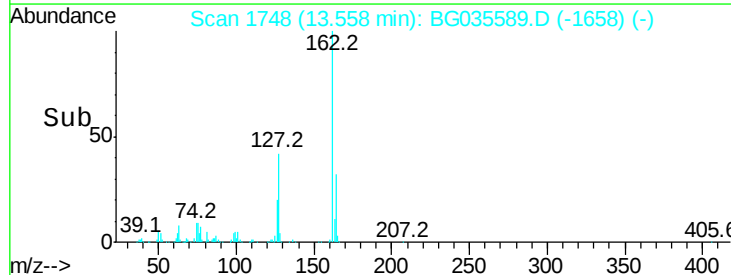
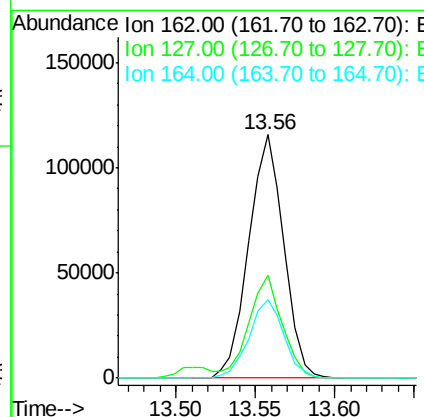
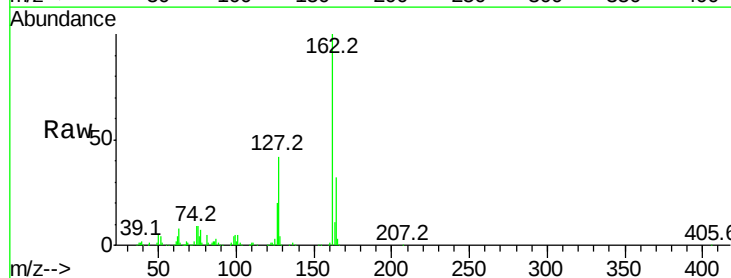
Instrument :
 BNA_G
 ClientSampleId :

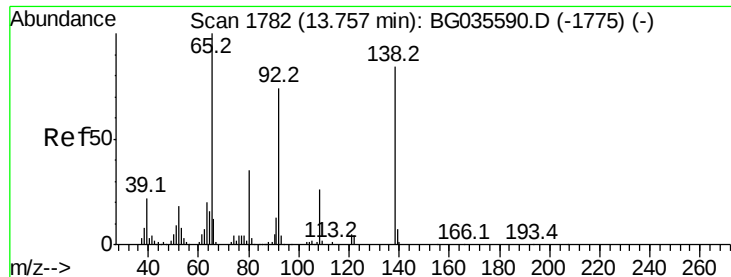
Tot Ion	Ratio	Lower	Upper
154	100		
153	44.2	19.8	59.8
76	13.7	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 25.379 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	30.7	46.1
164	32.5	26.0	39.0

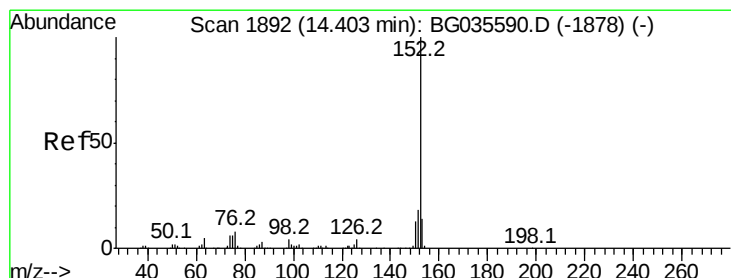
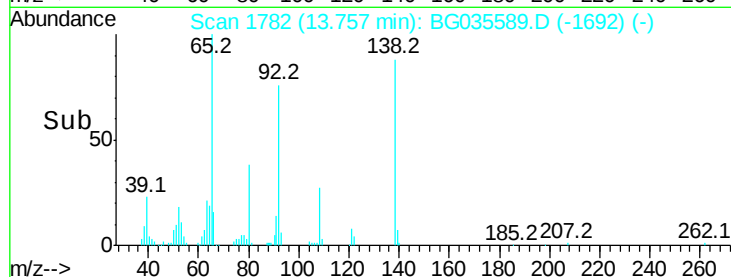
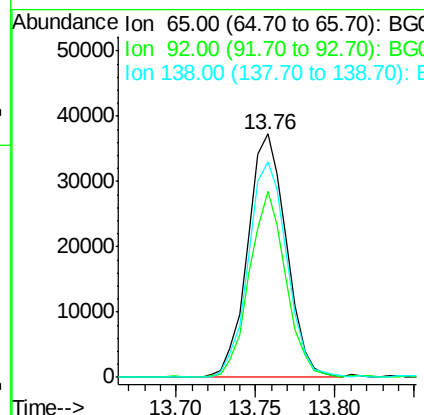
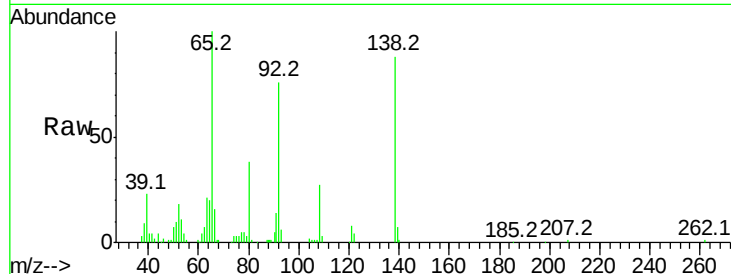




#47
2-Nitroaniline
Concen: 30.623 ng
RT: 13.76 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

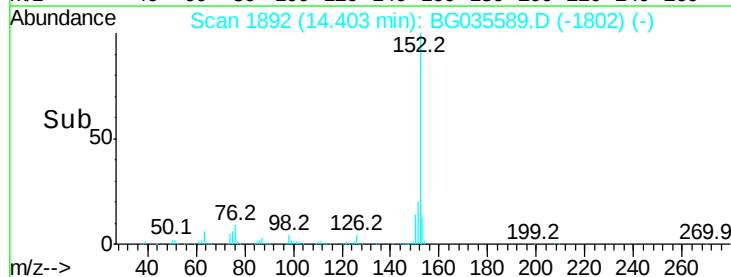
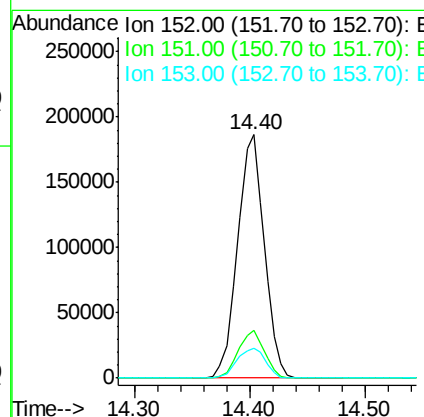
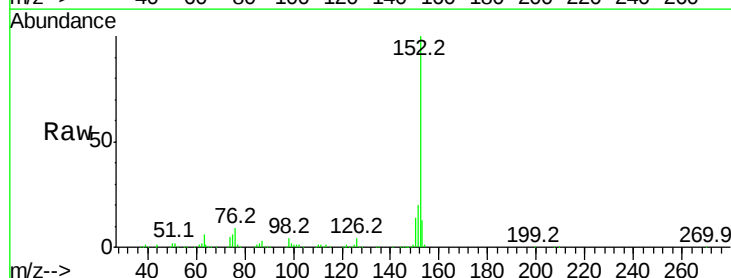
Instrument :
BNA_G
ClientSampleId :

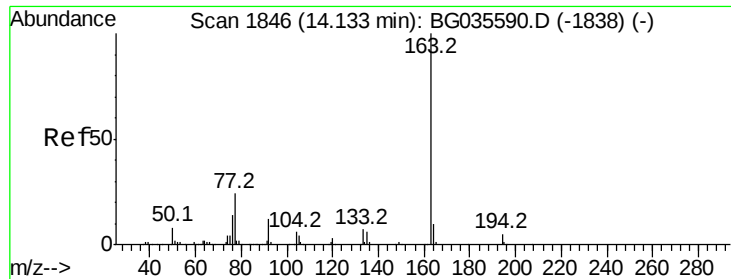
Tot Ion: 65 Resp: 63074
Ion Ratio Lower Upper
65 100
92 76.2 54.6 82.0
138 88.3 72.9 109.3



#48
Acenaphthylene
Concen: 25.526 ng
RT: 14.40 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion: 152 Resp: 298549
Ion Ratio Lower Upper
152 100
151 19.5 17.2 25.8
153 12.5 10.2 15.4

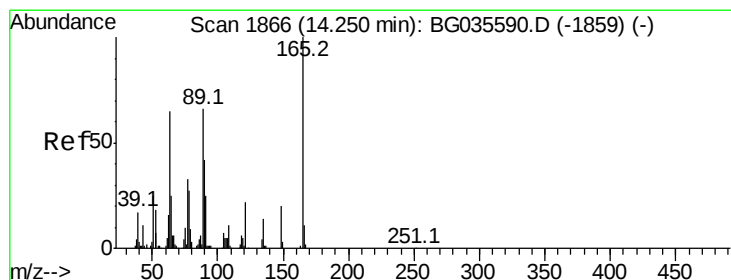
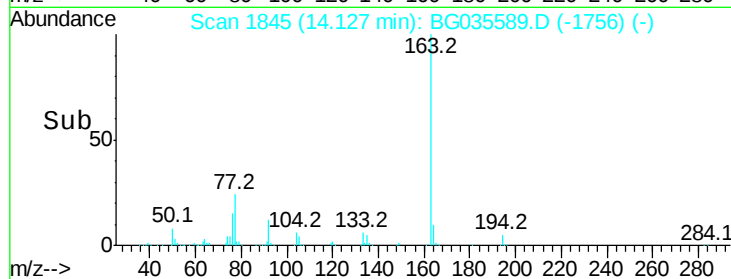
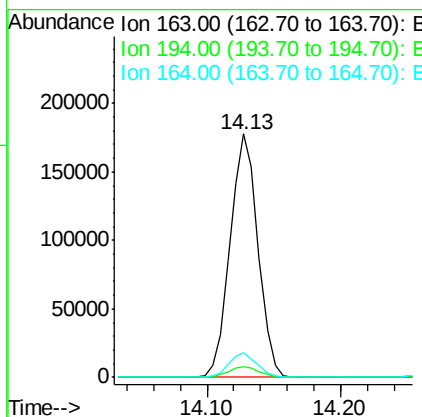
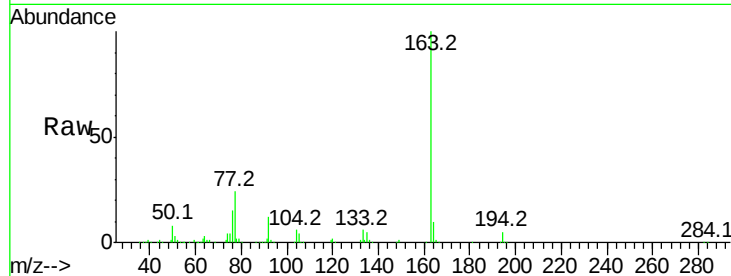




#49
Dimethylphthalate
Concen: 25.806 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

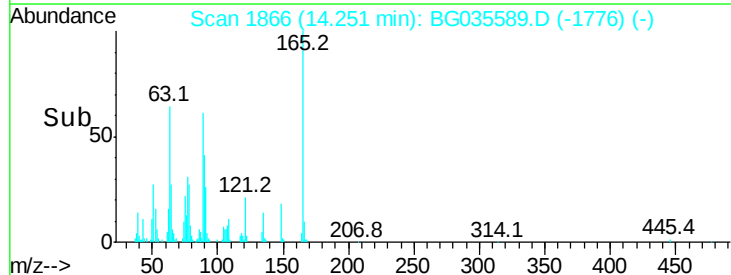
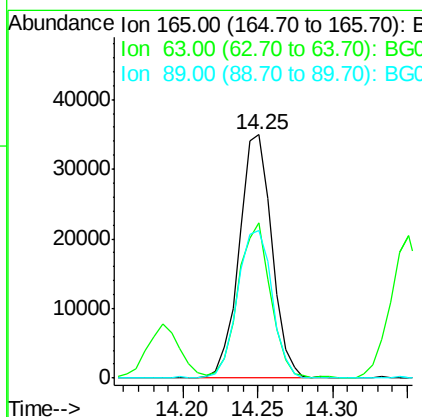
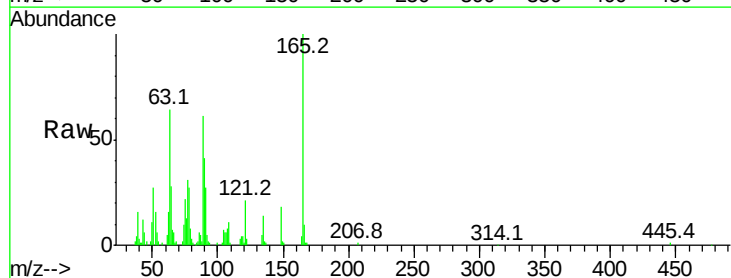
Instrument :
BNA_G
ClientSampleId :

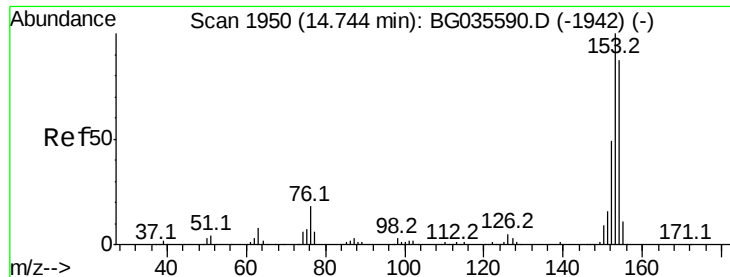
Tot Ion:163 Resp: 258193
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.1 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 28.996 ng
RT: 14.25 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:165 Resp: 52924
Ion Ratio Lower Upper
165 100
63 63.8 52.7 79.1
89 60.6 49.2 73.8





#51

Acenaphthene

Concen: 24.003 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

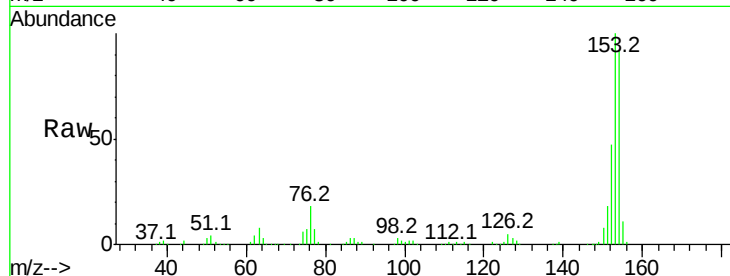
Tot Ion:154 Resp: 183422

Ion Ratio Lower Upper

154 100

153 108.2 90.4 135.6

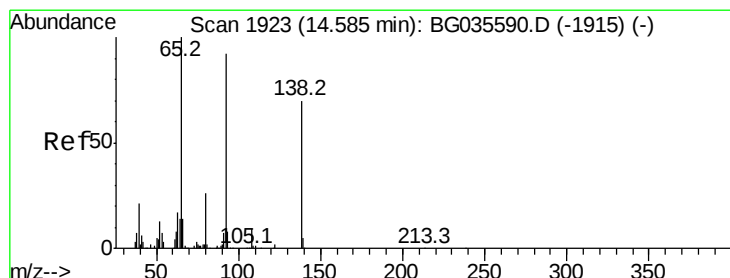
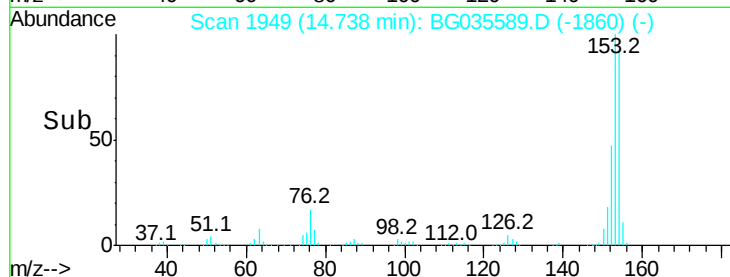
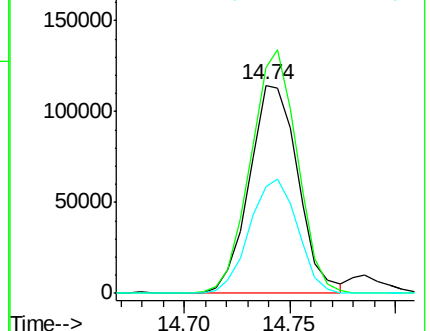
152 51.2 41.6 62.4



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: 30.742 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

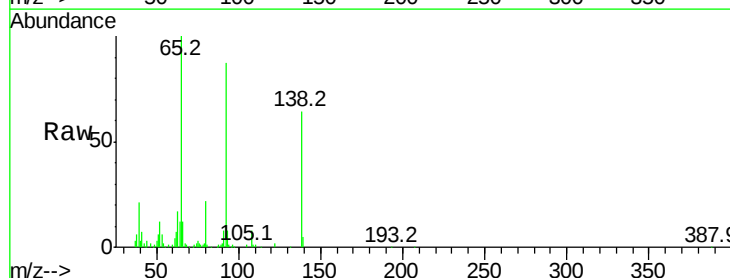
Tgt Ion:138 Resp: 55060

Ion Ratio Lower Upper

138 100

108 12.3 17.5 26.3#

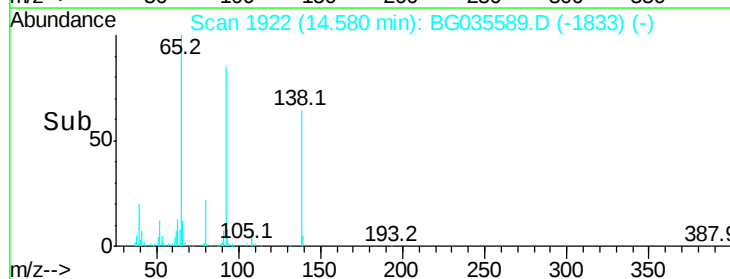
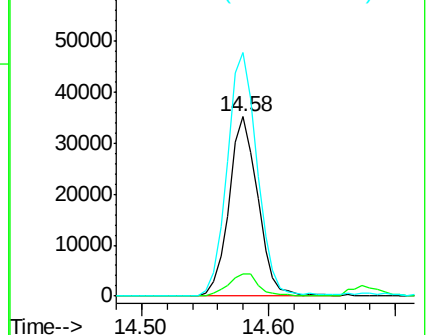
92 136.0 105.8 158.8

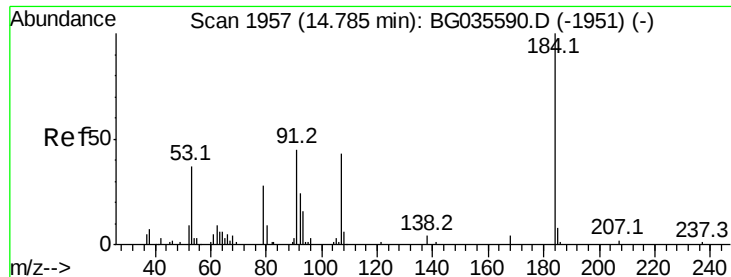


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

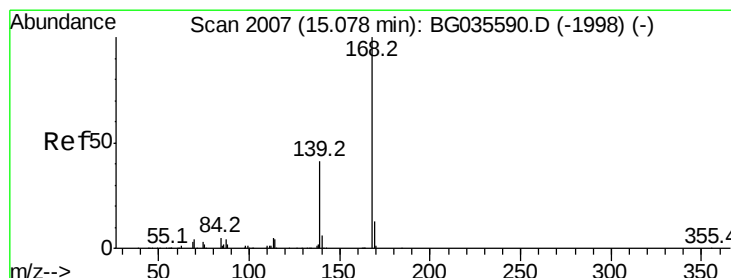
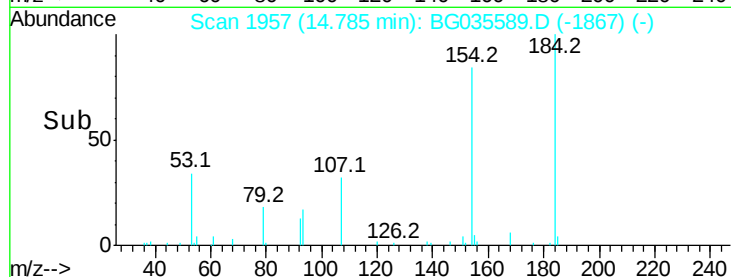
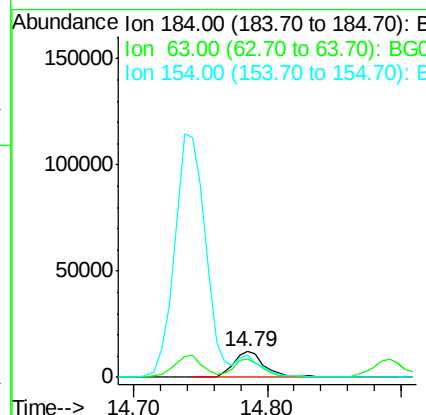
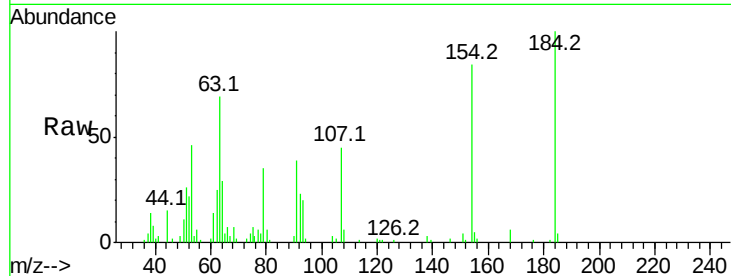




#53
 2,4-Dinitrophenol
 Concen: 27.537 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

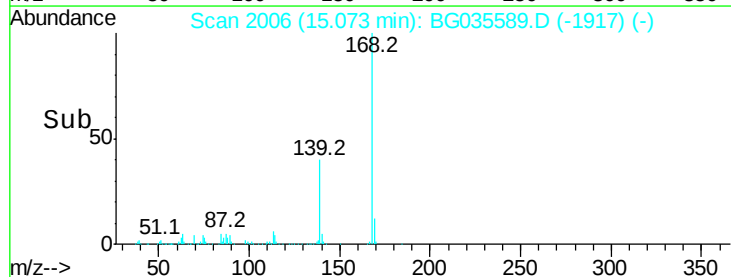
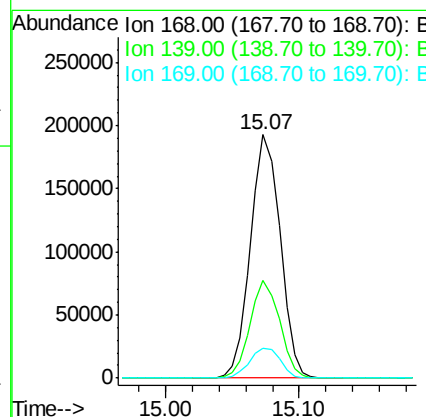
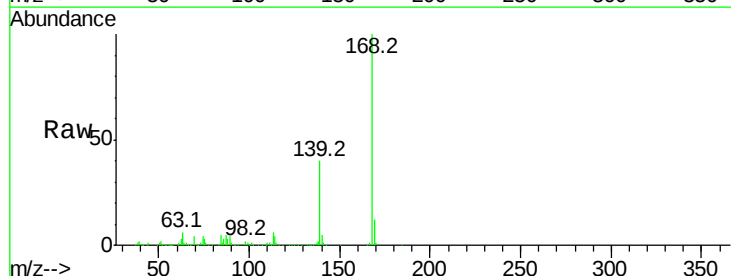
Instrument :
 BNA_G
 ClientSampleId :

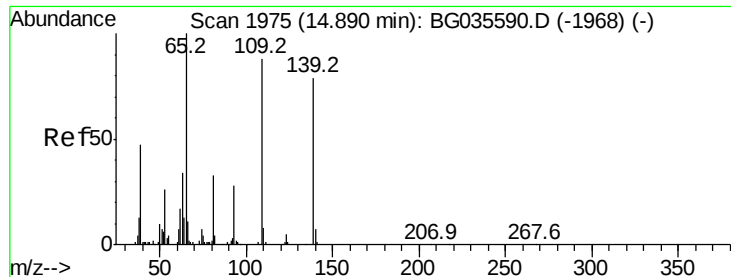
Tot Ion:184 Resp: 20341
 Ion Ratio Lower Upper
 184 100
 63 69.1 59.8 89.8
 154 83.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 25.847 ng
 RT: 15.07 min Scan# 2006
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:168 Resp: 295818
 Ion Ratio Lower Upper
 168 100
 139 39.9 28.6 43.0
 169 12.4 11.2 16.8

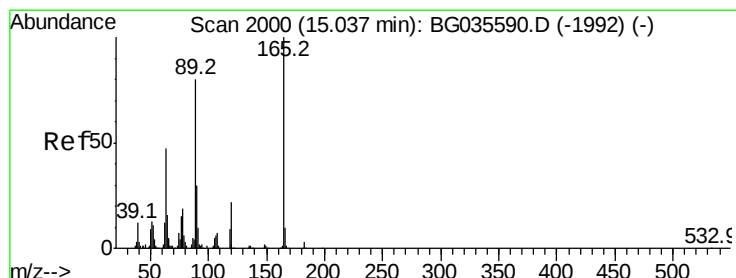
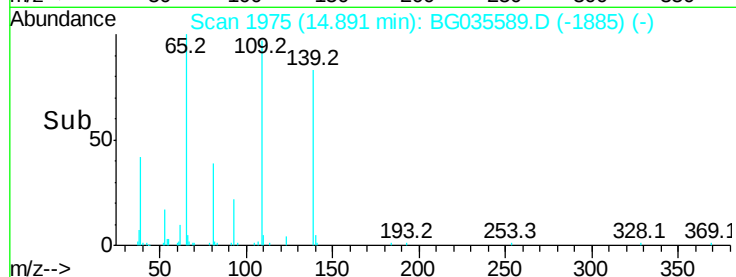
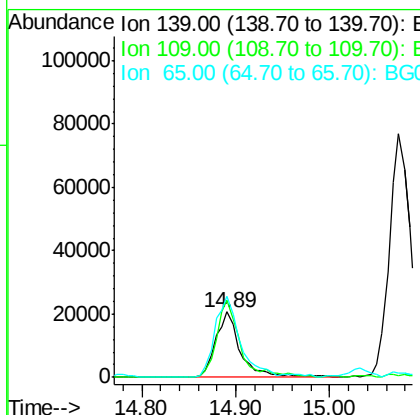
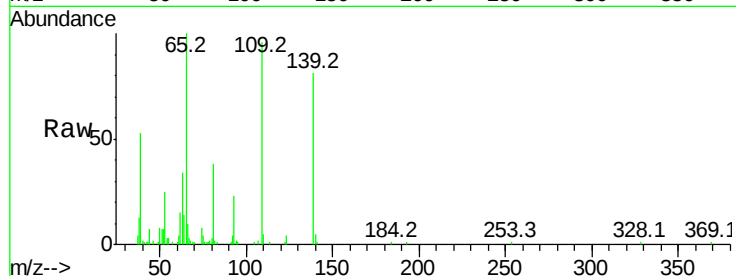




#55
4-Nitrophenol
Concen: 25.215 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

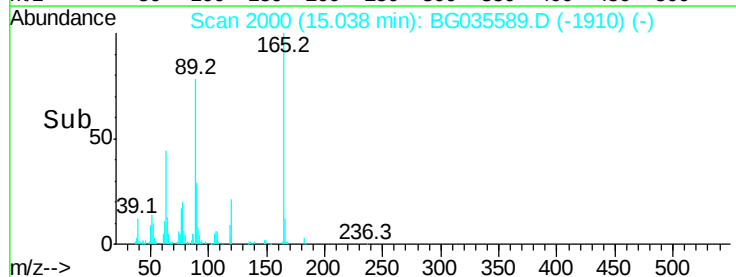
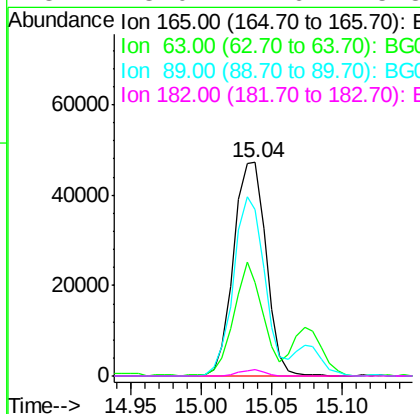
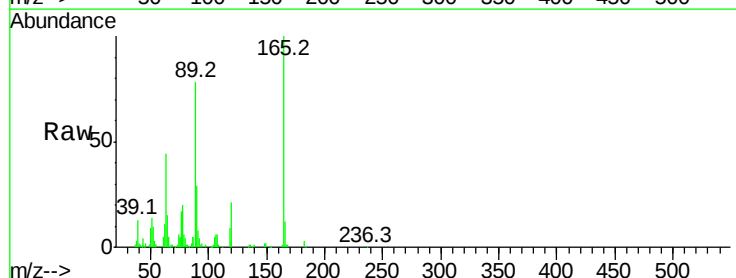
Instrument :
BNA_G
ClientSampleId :

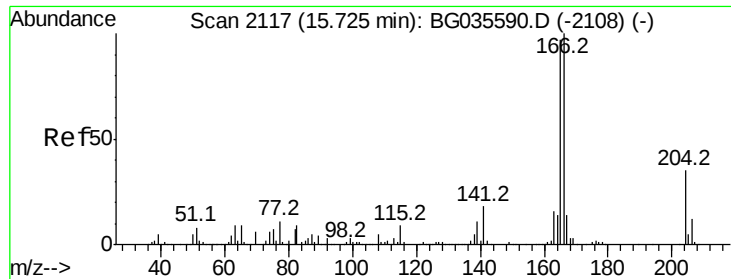
Tot Ion:139 Resp: 38115
Ion Ratio Lower Upper
139 100
109 117.5 62.2 102.2#
65 123.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 31.344 ng
RT: 15.04 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:165 Resp: 75998
Ion Ratio Lower Upper
165 100
63 44.0 42.0 63.0
89 77.8 66.9 100.3
182 3.0 2.6 3.8

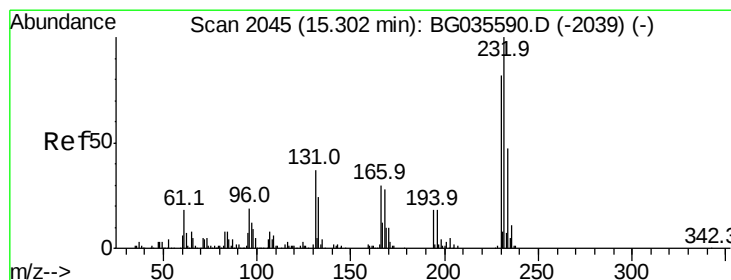
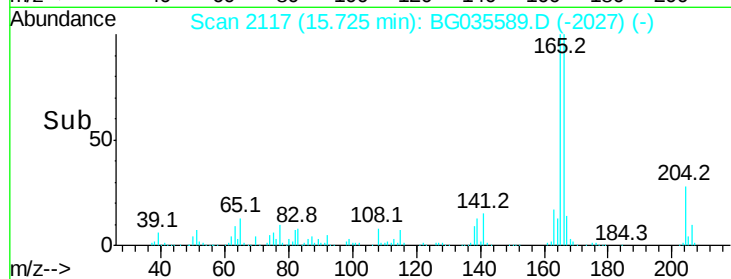
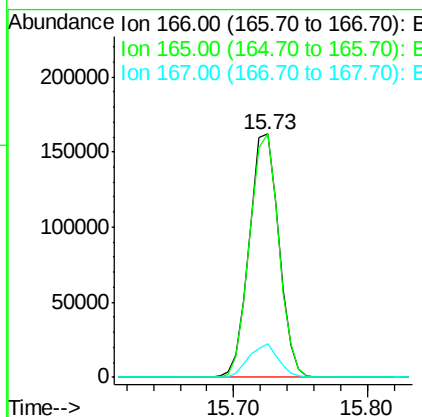
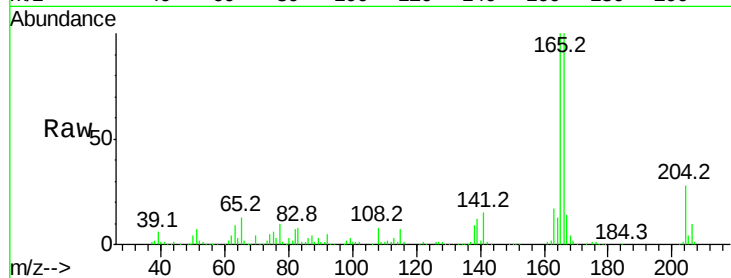




#57
Fluorene
 Concen: 25.856 ng
 RT: 15.73 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

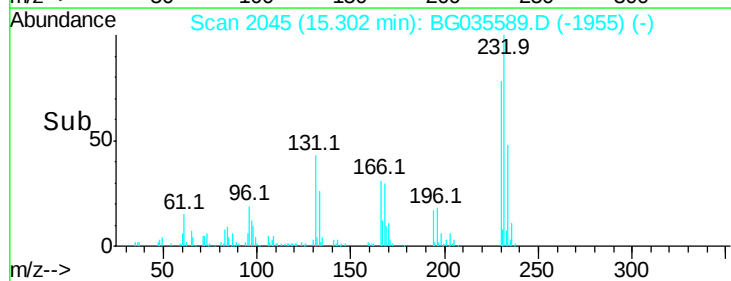
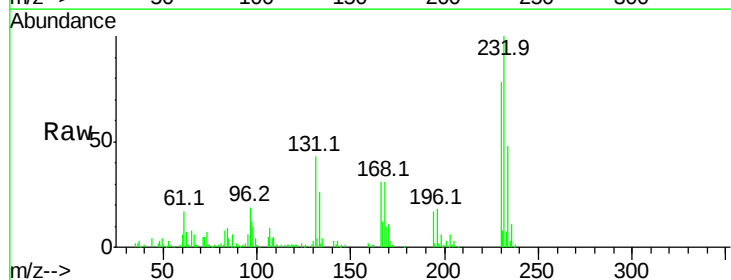
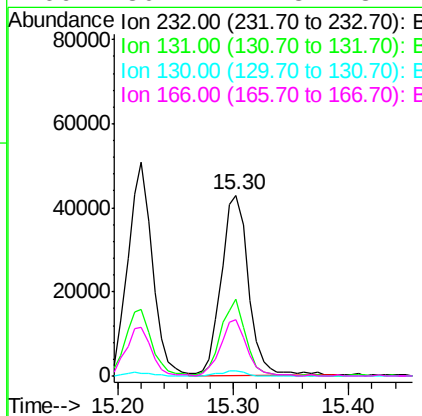
Instrument :
 BNA_G
 ClientSampleId :

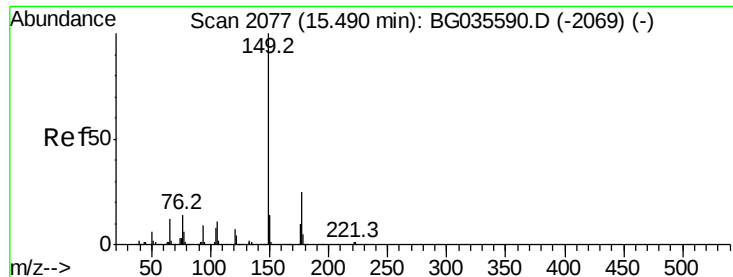
Tot Ion:166 Resp: 247316
 Ion Ratio Lower Upper
 166 100
 165 99.8 80.6 121.0
 167 13.9 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 25.863 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:232 Resp: 70565
 Ion Ratio Lower Upper
 232 100
 131 39.0 33.5 50.3
 130 2.7 2.2 3.2
 166 30.2 24.8 37.2

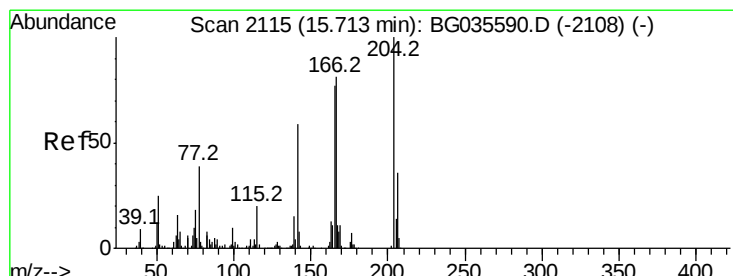
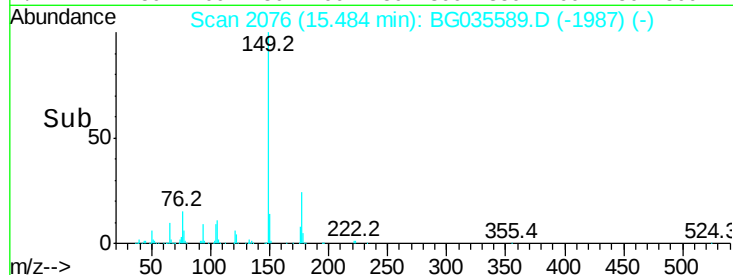
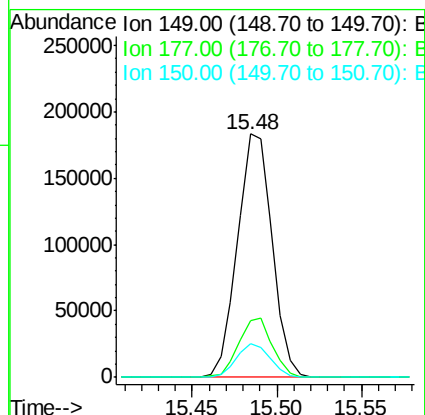
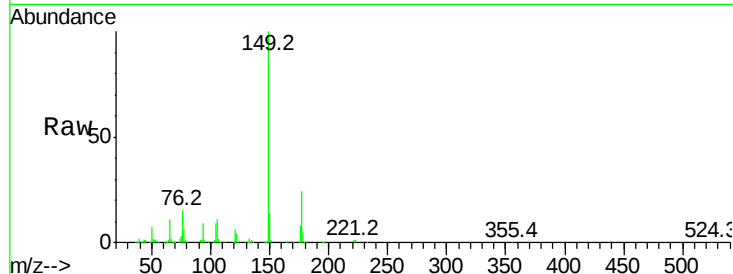




#59
Diethylphthalate
Concen: 25.703 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

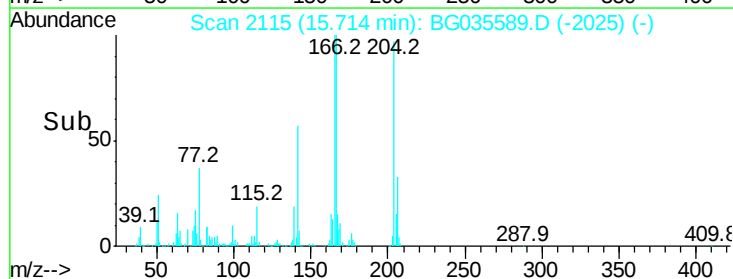
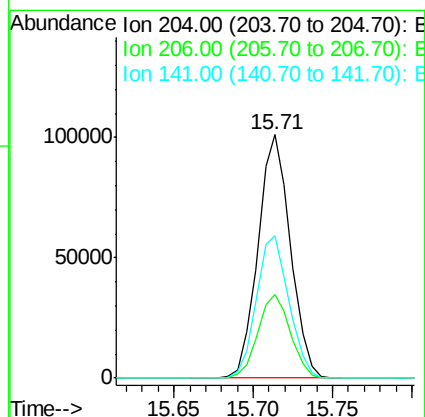
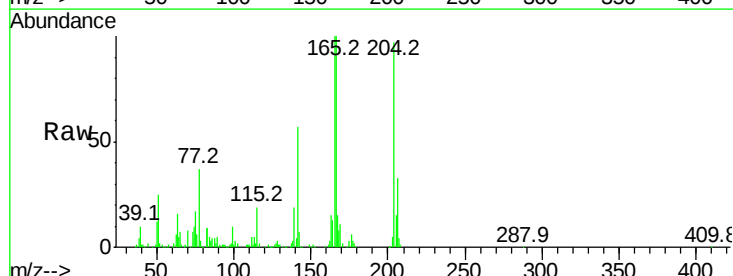
Instrument :
BNA_G
ClientSampled :

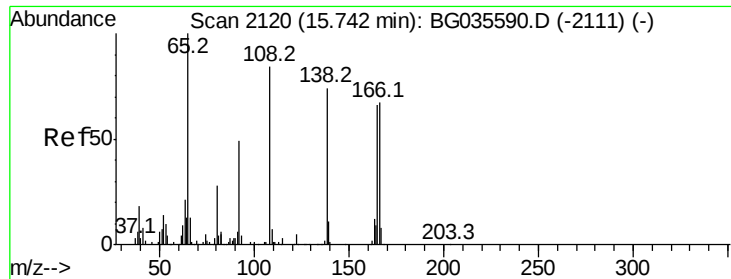
Tot Ion:149 Resp: 262371
Ion Ratio Lower Upper
149 100
177 23.5 18.5 27.7
150 13.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 26.351 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:204 Resp: 143724
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 58.6 45.8 68.6

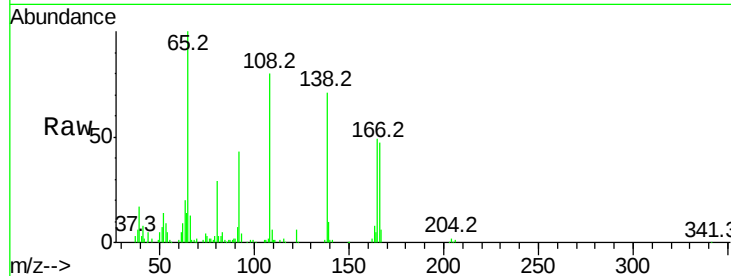




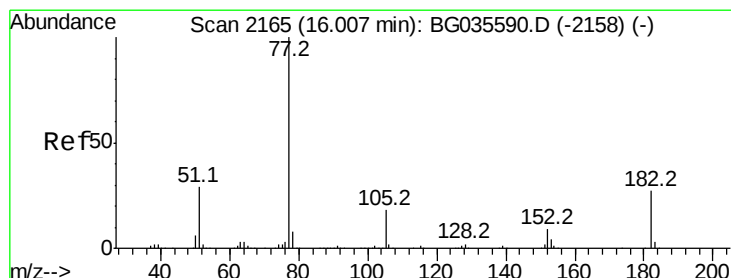
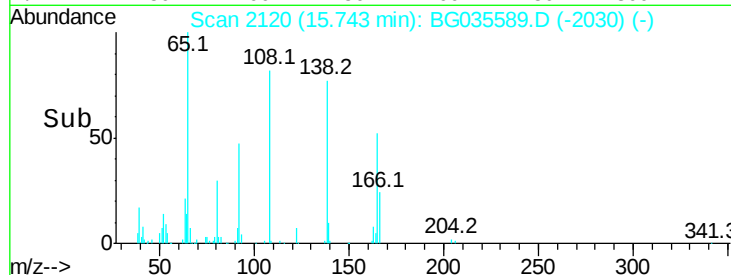
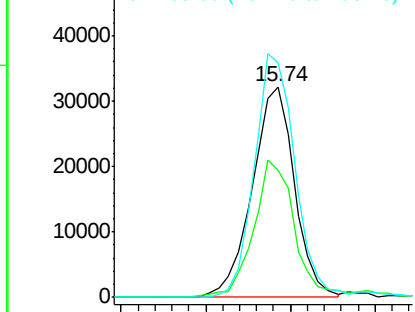
#61
4-Nitroaniline
Concen: 29.149 ng
RT: 15.74 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 55989
Ion Ratio Lower Upper
138 100
92 60.5 40.1 80.1
108 111.8 65.4 105.4#

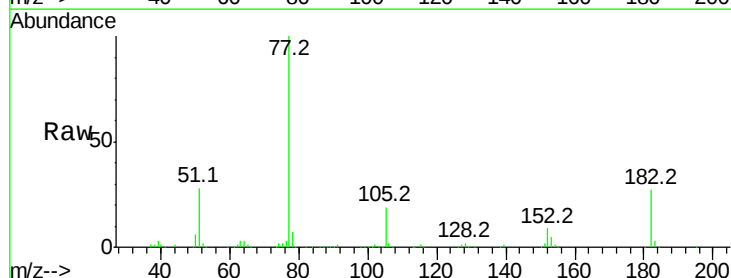


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

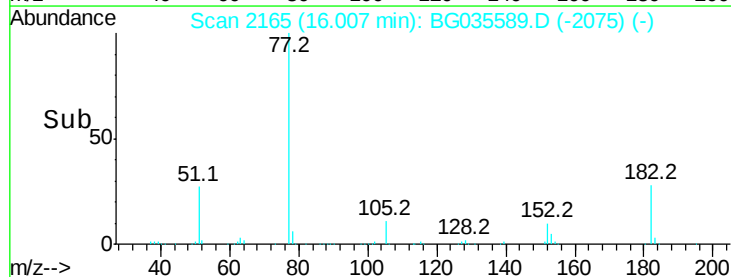
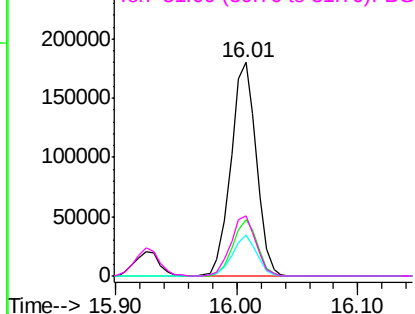


#62
Azobenzene
Concen: 26.332 ng
RT: 16.01 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion: 77 Resp: 263390
Ion Ratio Lower Upper
77 100
182 26.5 7.4 47.4
105 19.3 0.3 40.3
51 28.0 11.6 51.6



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

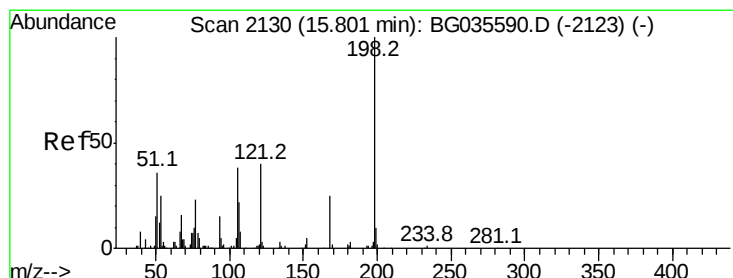
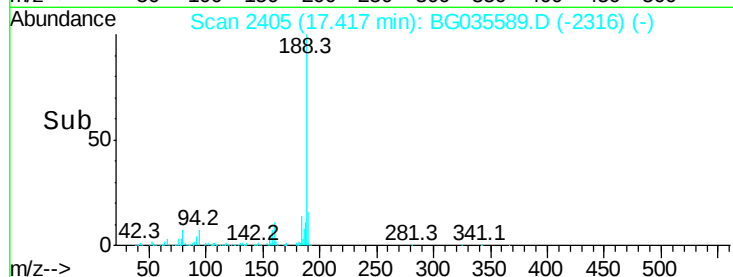
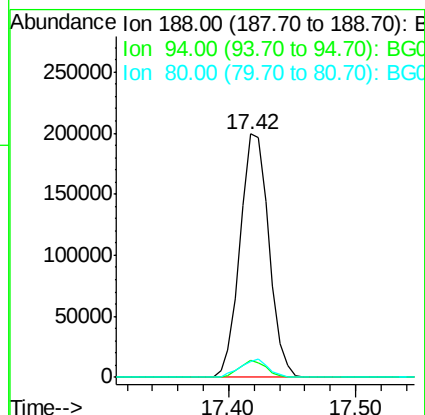
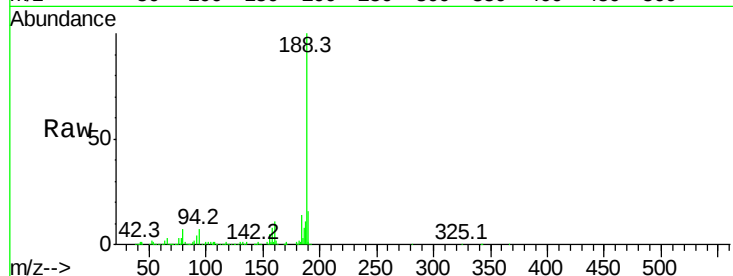




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

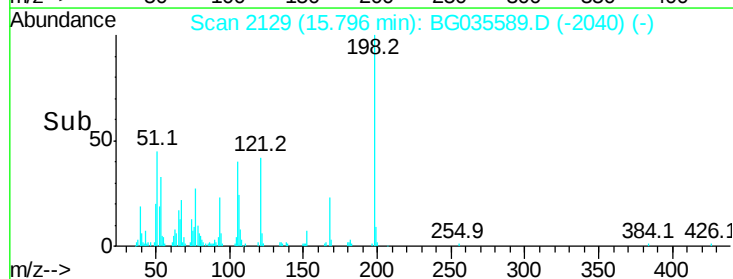
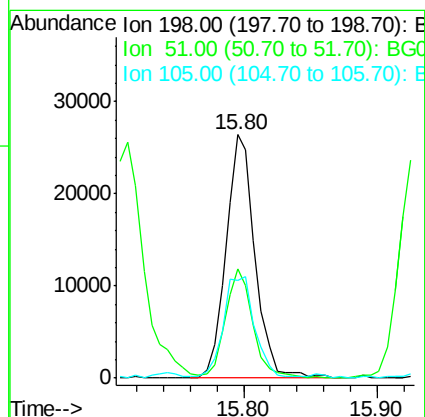
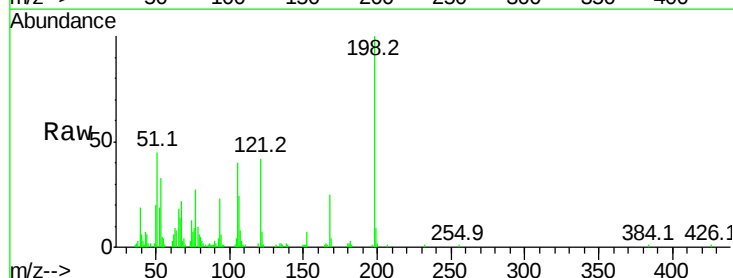
Instrument :
BNA_G
ClientSampleId :

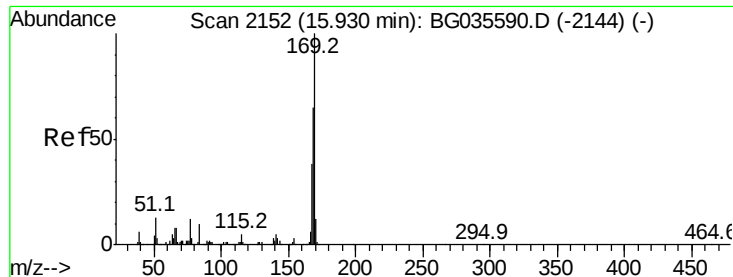
Tot Ion:188 Resp: 313264
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 6.7 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 28.072 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion:198 Resp: 40150
Ion Ratio Lower Upper
198 100
51 44.8 30.6 70.6
105 40.1 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 24.331 ng

RT: 15.92 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

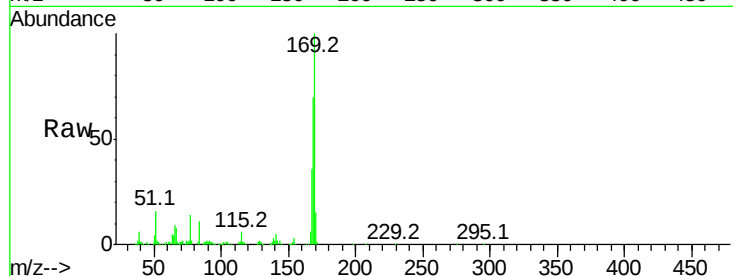
Tot Ion:169 Resp: 228902

Ion Ratio Lower Upper

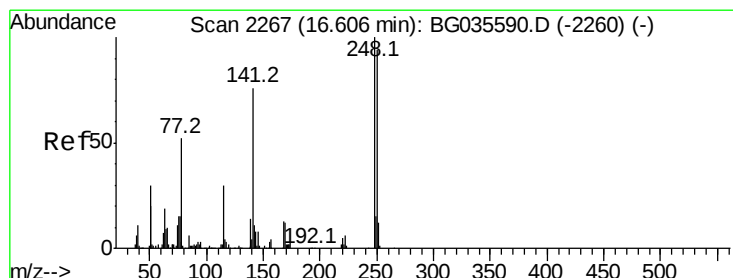
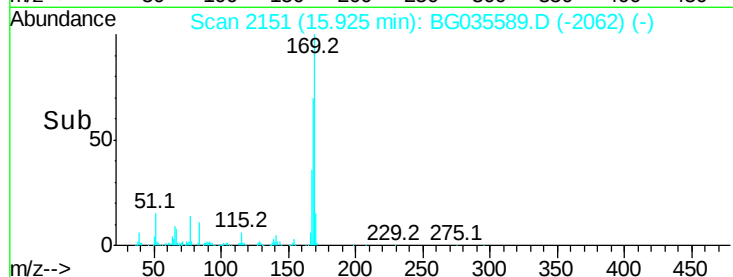
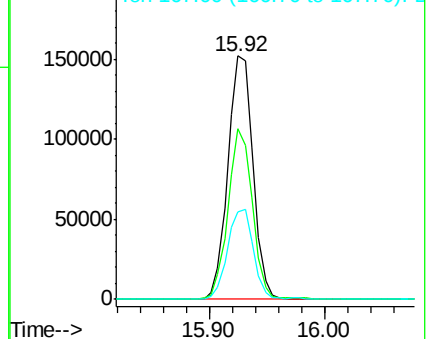
169 100

168 69.9 55.7 83.5

167 35.7 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: 24.736 ng

RT: 16.61 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

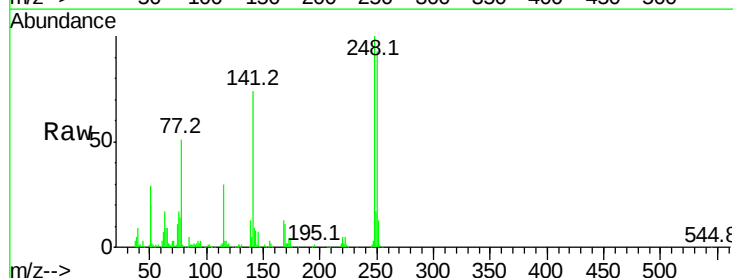
Tgt Ion:248 Resp: 93315

Ion Ratio Lower Upper

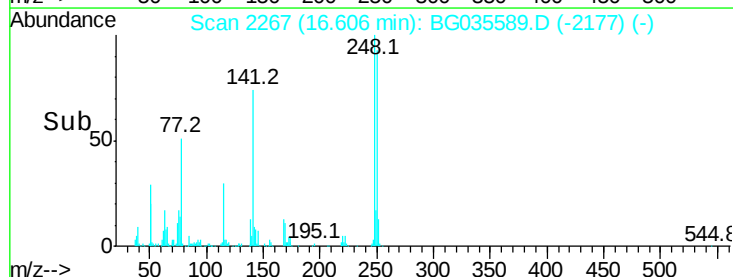
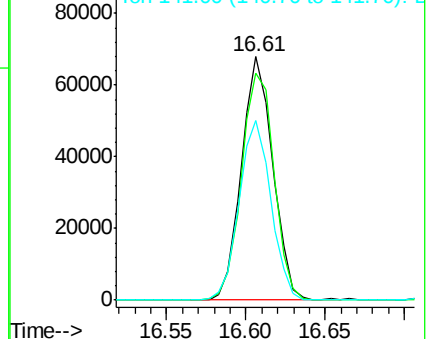
248 100

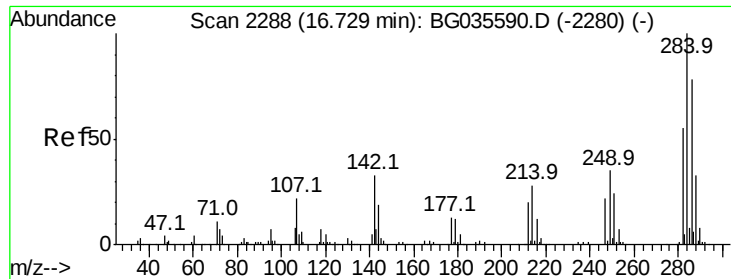
250 93.2 77.1 115.7

141 74.0 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: 24.587 ng

RT: 16.73 min Scan# 2288

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

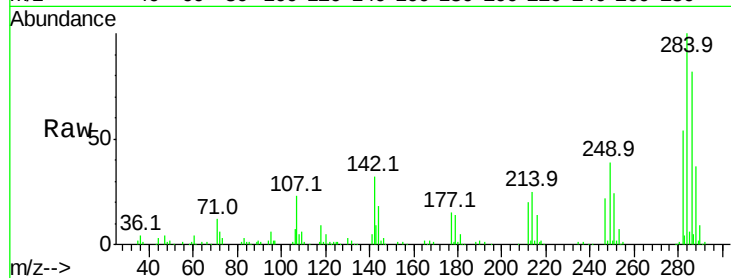
Tot Ion:284 Resp: 94408

Ion Ratio Lower Upper

284 100

142 32.4 26.8 40.2

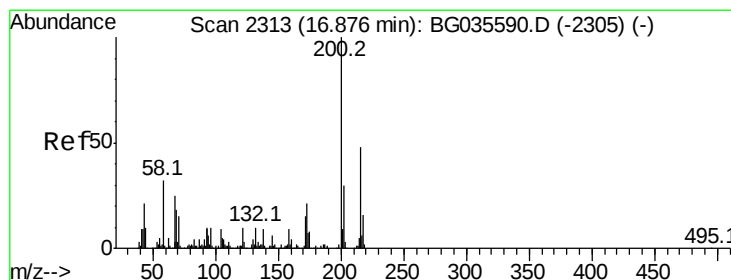
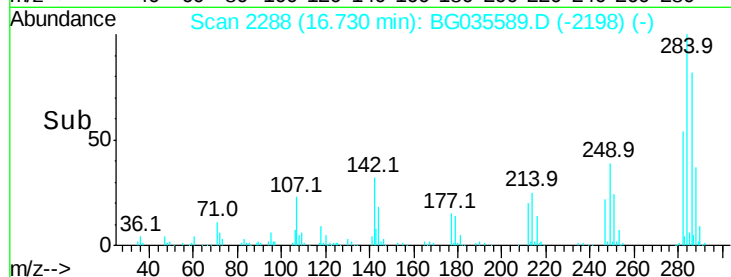
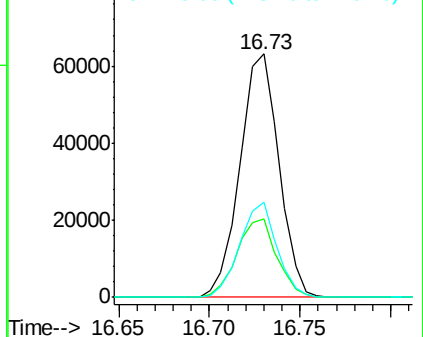
249 39.3 26.3 39.5



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: 24.074 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

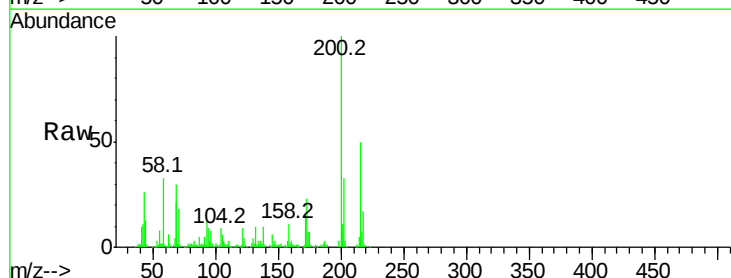
Tgt Ion:200 Resp: 96580

Ion Ratio Lower Upper

200 100

173 22.8 5.2 45.2

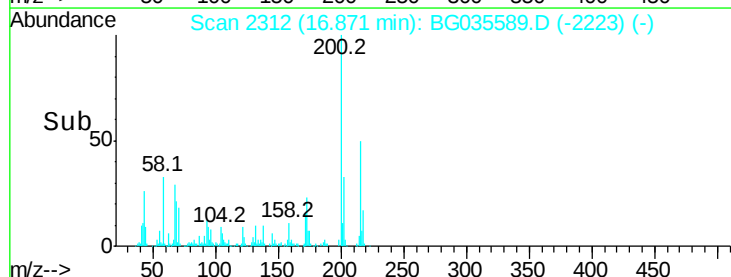
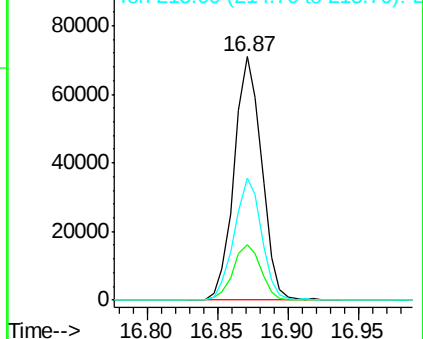
215 50.2 30.4 70.4

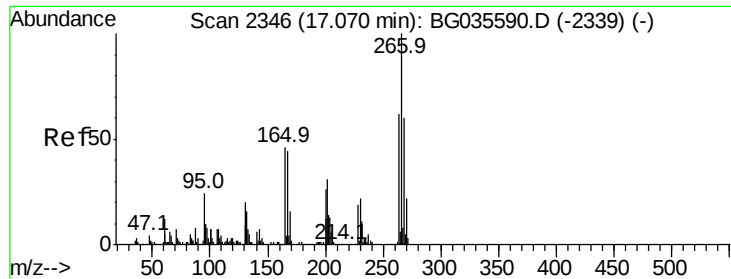


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

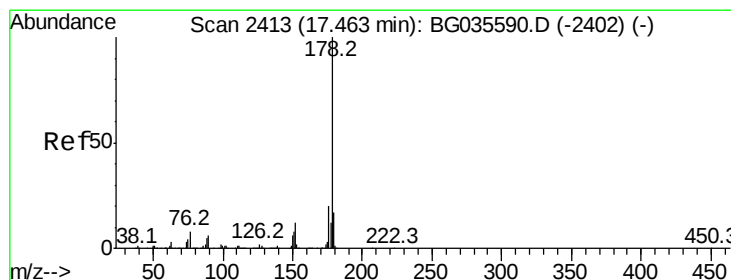
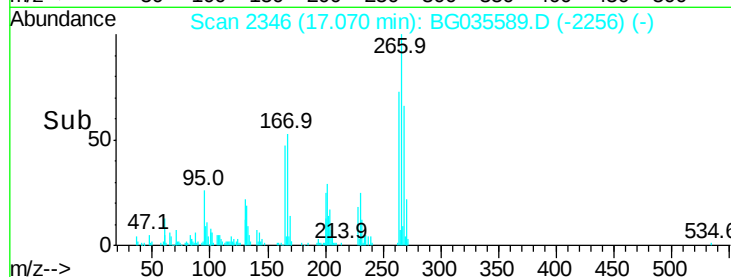
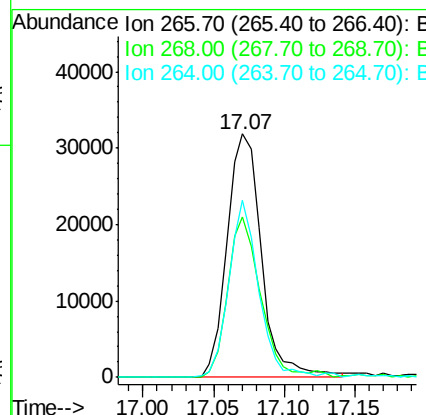
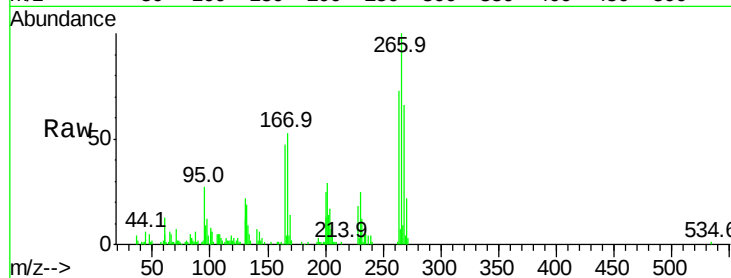




#69
 Pentachlorophenol
 Concen: 20.933 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

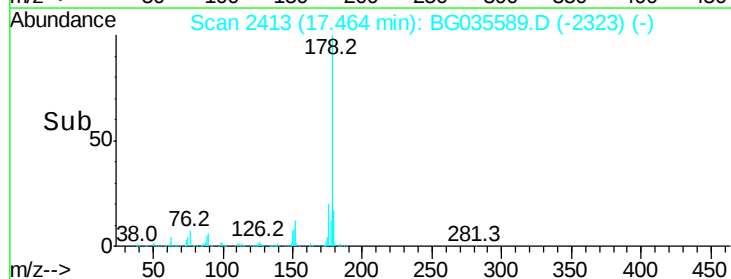
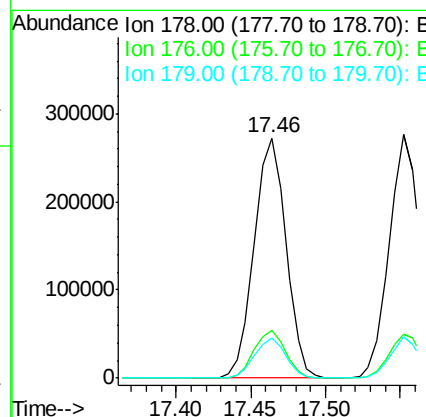
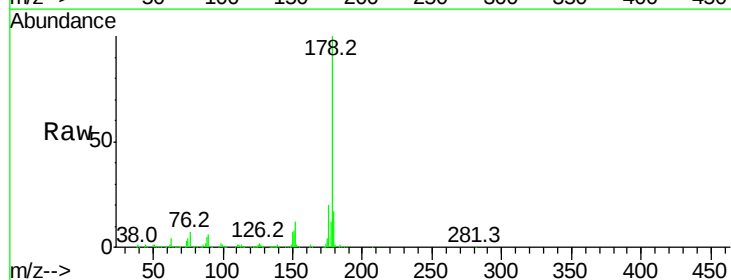
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 54047
 Ion Ratio Lower Upper
 266 100
 268 66.1 51.1 76.7
 264 72.7 49.6 74.4



#70
 Phenanthrene
 Concen: 25.272 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:178 Resp: 402159
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 16.9 12.5 18.7

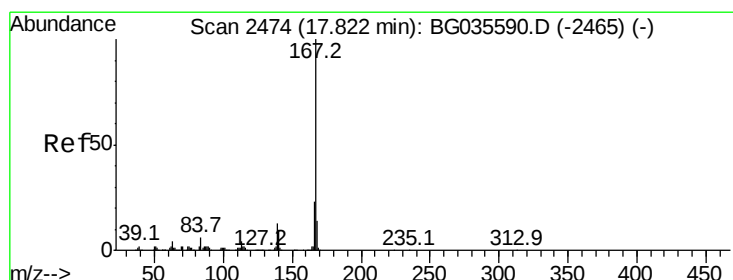
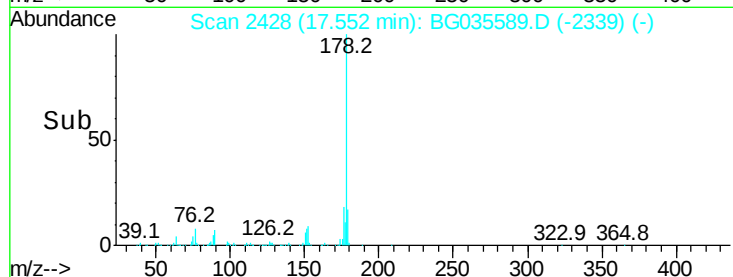
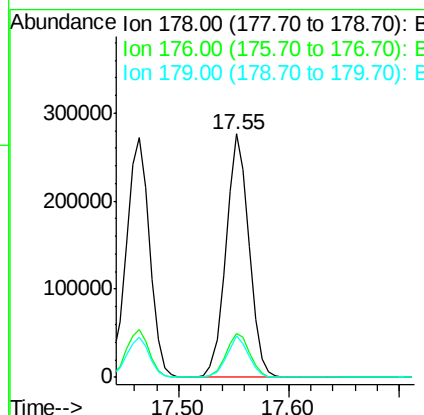
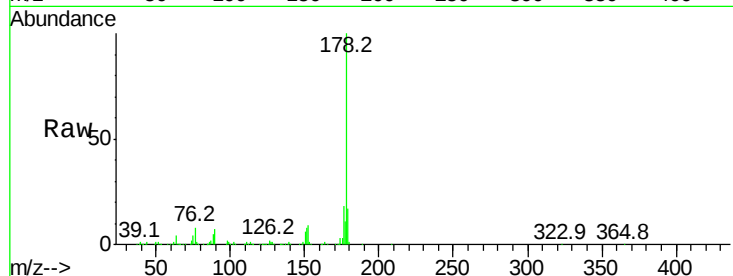




#71
 Anthracene
 Concen: 25.307 ng
 RT: 17.55 min Scan# 2428
 Delta R.T. -0.01 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

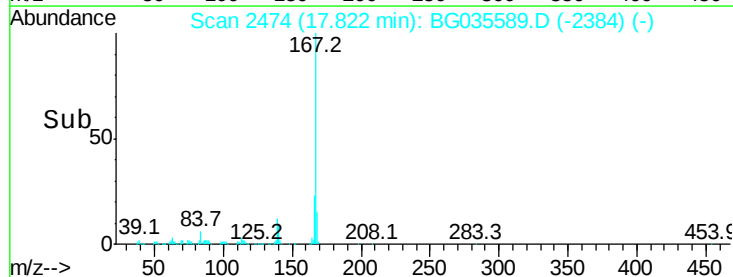
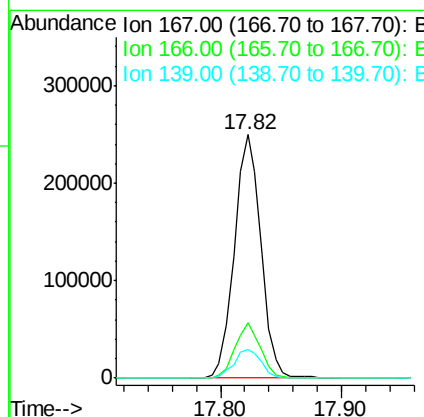
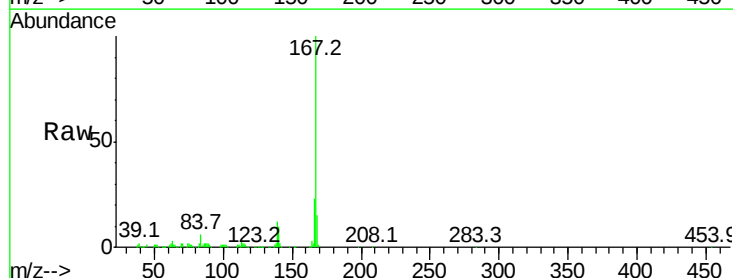
Instrument :
 BNA_G
 ClientSampleId :

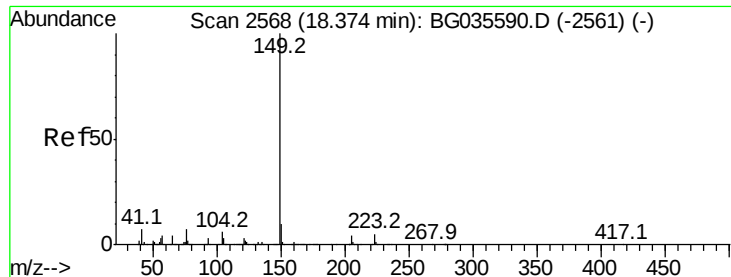
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.0	24.0
179	17.2	12.5	18.7



#72
 Carbazole
 Concen: 25.804 ng
 RT: 17.82 min Scan# 2474
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.2	27.4
139	11.9	9.4	14.2





#73

Di-n-butylphthalate

Concen: 25.310 ng

RT: 18.37 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

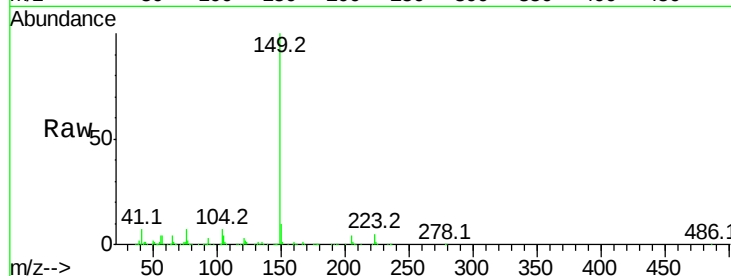
Tot Ion:149 Resp: 446158

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

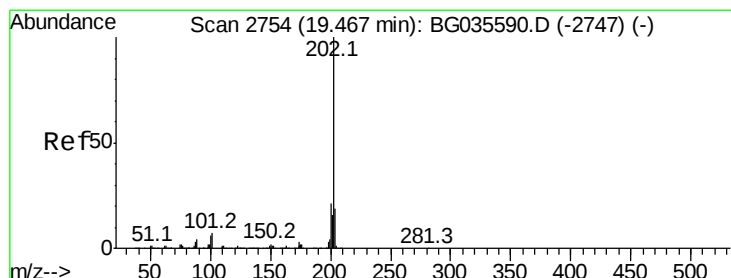
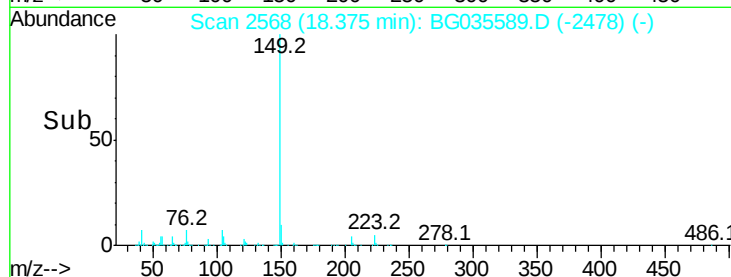
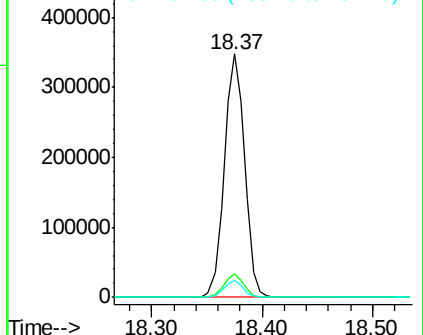
104 6.7 3.9 5.9#



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: 25.844 ng

RT: 19.47 min Scan# 2754

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

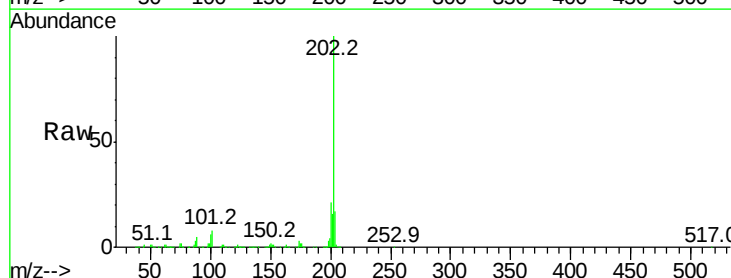
Tgt Ion:202 Resp: 535160

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.9

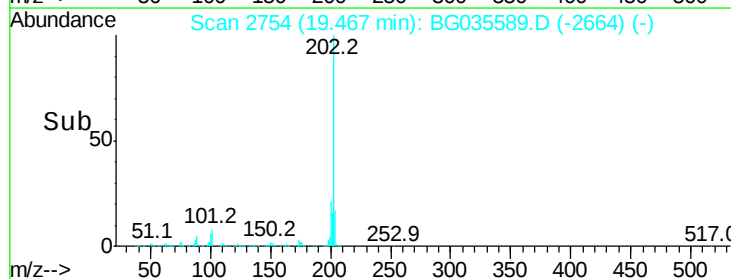
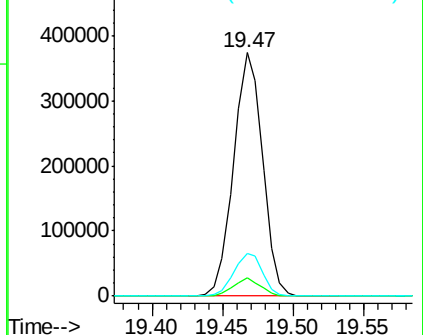
203 17.4 0.0 37.5



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: 21.69 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

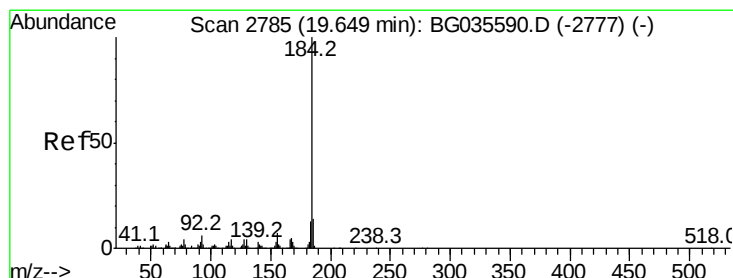
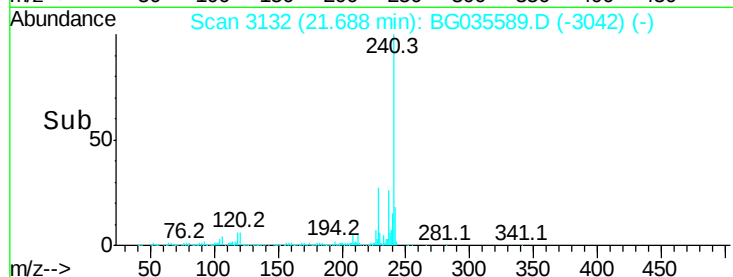
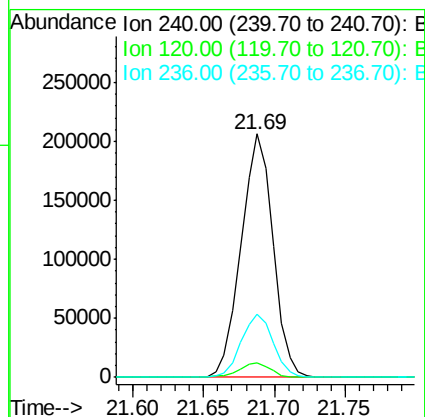
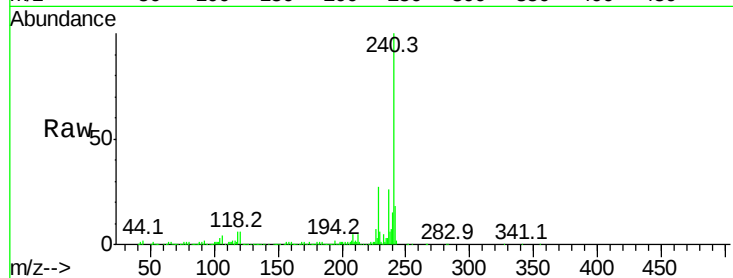
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 326013

Ion	Ratio	Lower	Upper
240	100		
120	5.7	6.8	10.2#
236	25.8	20.9	31.3



#76

Benzidine

Concen: 18.198 ng

RT: 19.64 min Scan# 2784

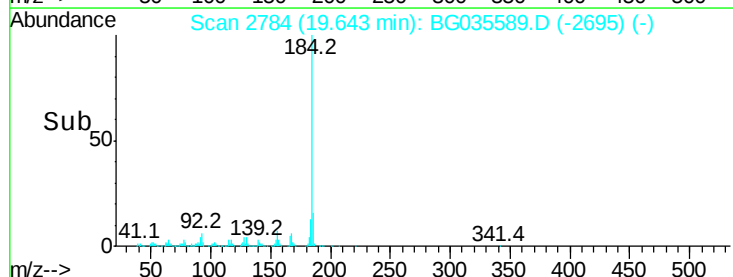
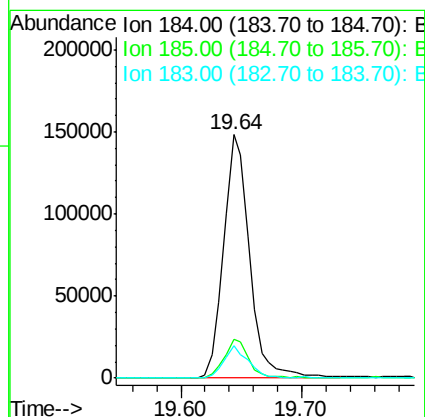
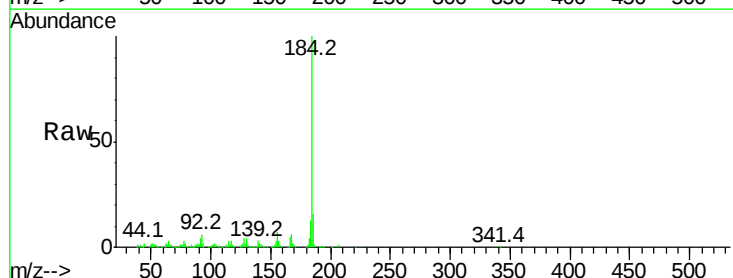
Delta R.T. -0.01 min

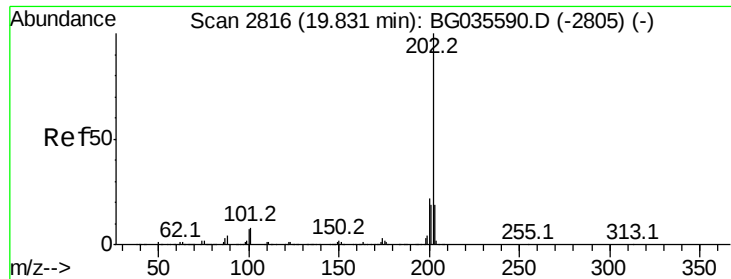
Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Tgt Ion:184 Resp: 220718

Ion	Ratio	Lower	Upper
184	100		
185	16.1	11.1	16.7
183	13.5	10.6	16.0

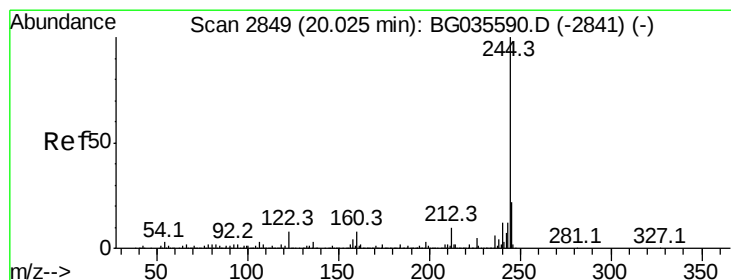
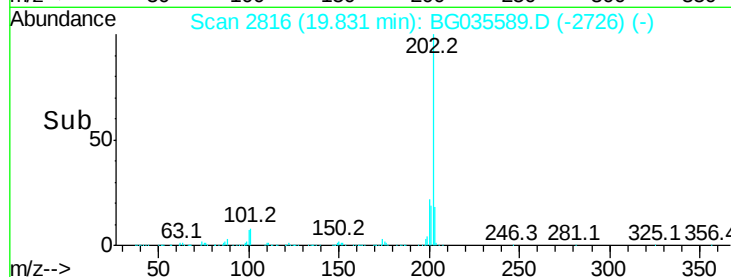
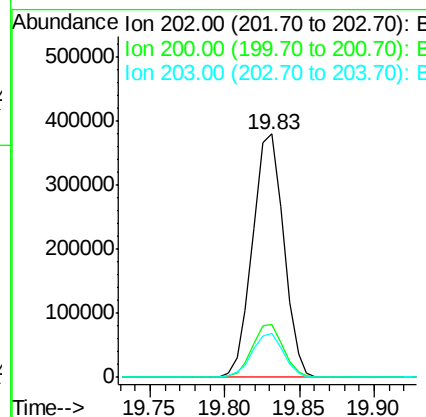
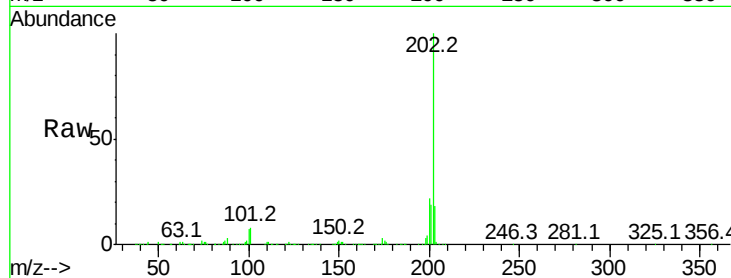




#77
Pvrene
Concen: 25.472 ng
RT: 19.83 min Scan# 2816
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

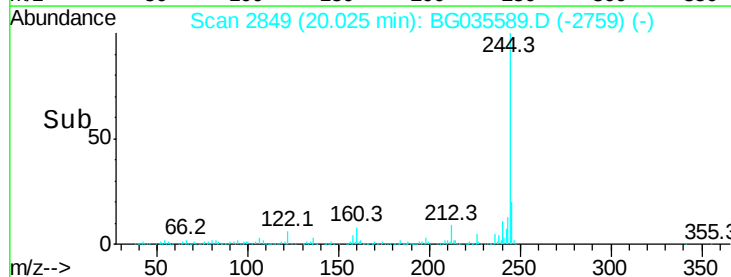
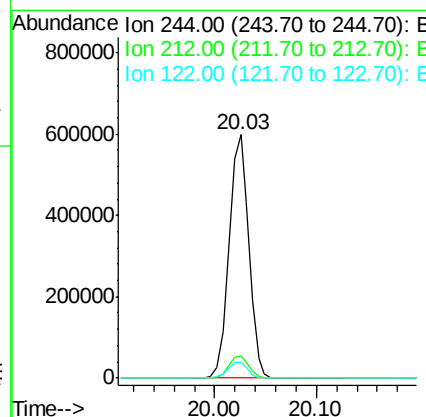
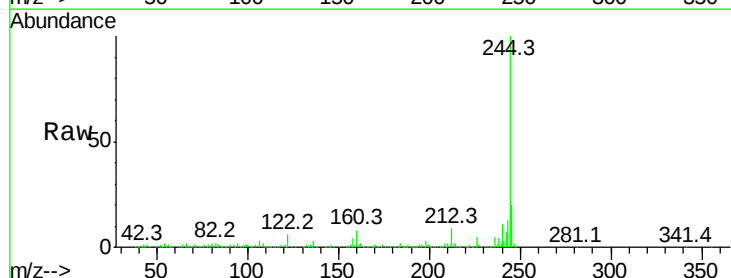
Instrument :
BNA_G
ClientSampleId :

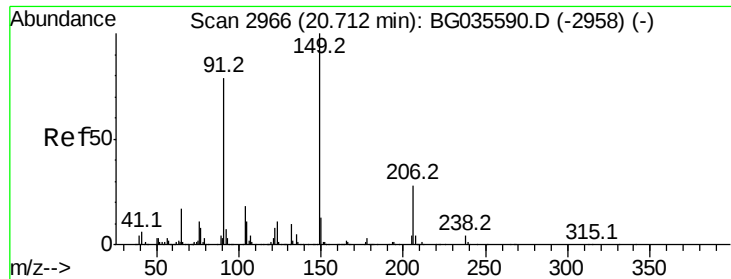
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.9	25.3
203	18.3	13.9	20.9



#78
Terphenyl-d14
Concen: 51.578 ng
RT: 20.03 min Scan# 2849
Delta R.T. 0.00 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	5.8	8.8#
122	6.2	7.0	10.4#

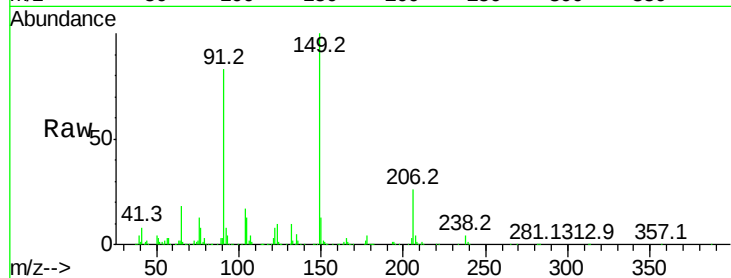




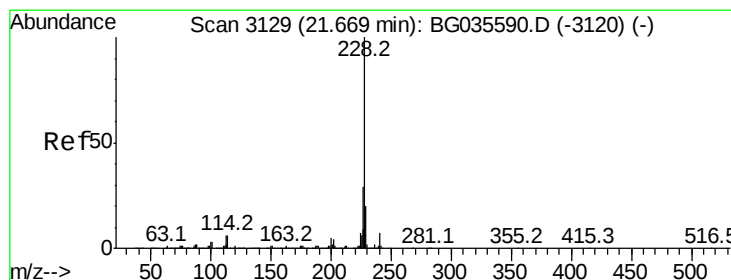
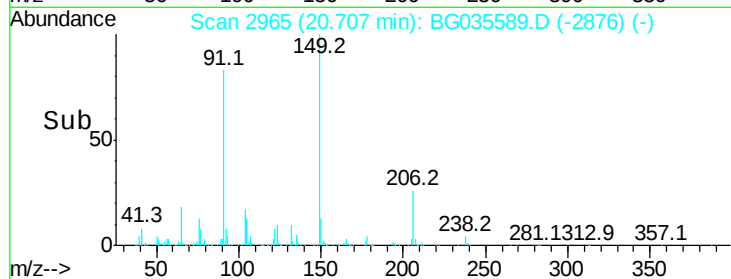
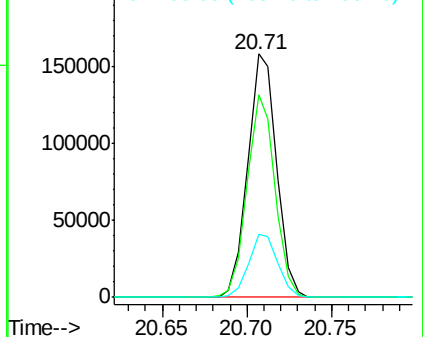
#79
Butylbenzylphthalate
Concen: 24.131 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	83.4	62.2	93.2
206	25.8	18.6	27.8

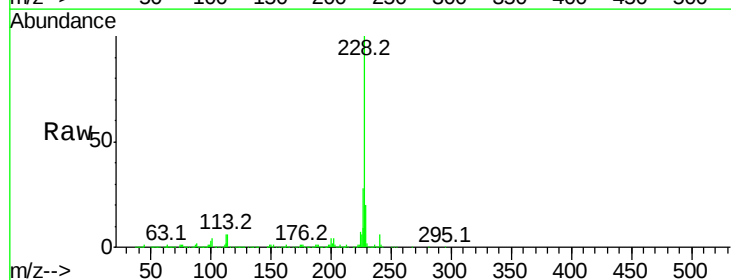


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

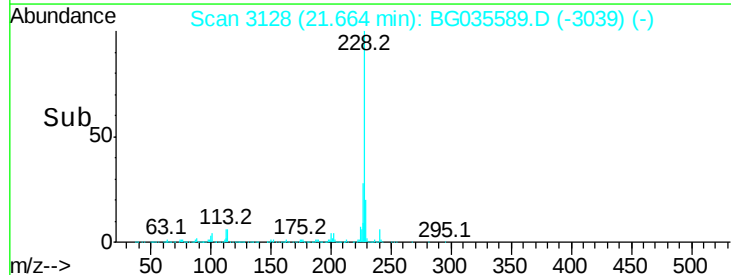
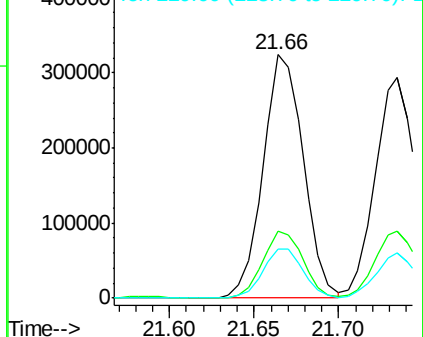


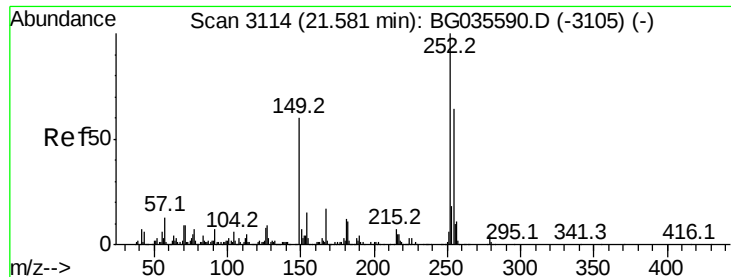
#80
Benzo(a)anthracene
Concen: 25.561 ng
RT: 21.66 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG035589.D
Acq: 12 Jul 2018 11:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.7	34.1
229	19.9	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

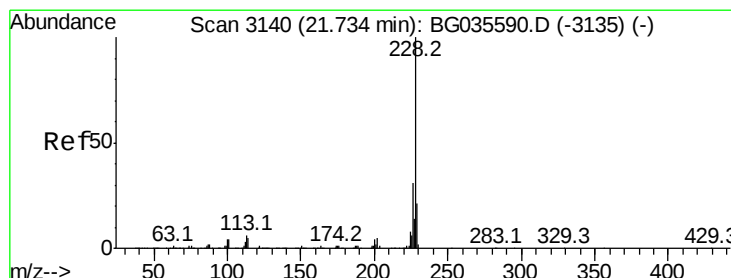
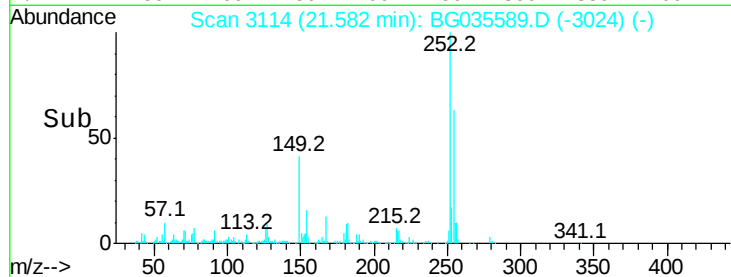
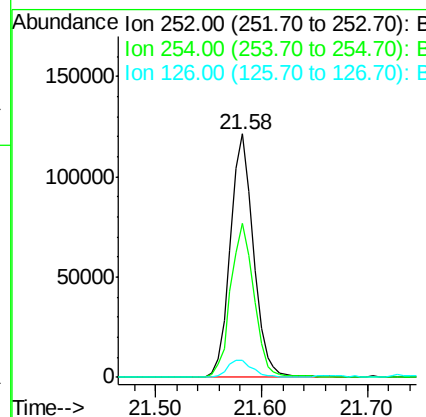
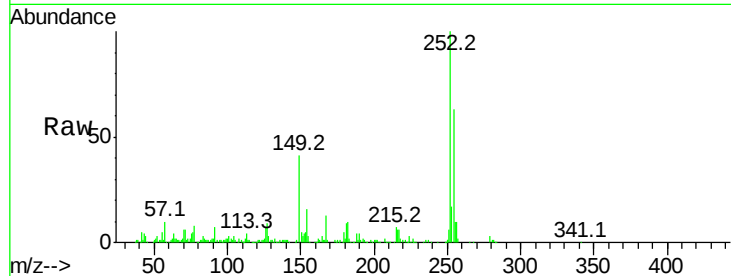




#81
 3,3'-Dichlorobenzidine
 Concen: 23.559 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

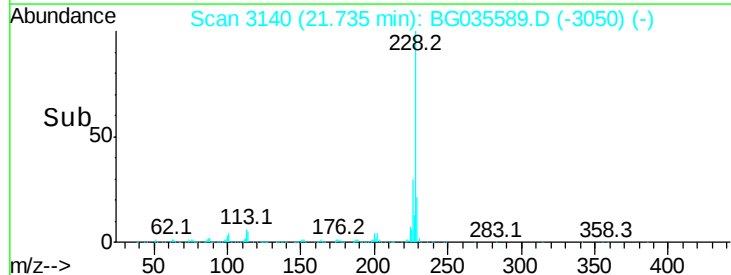
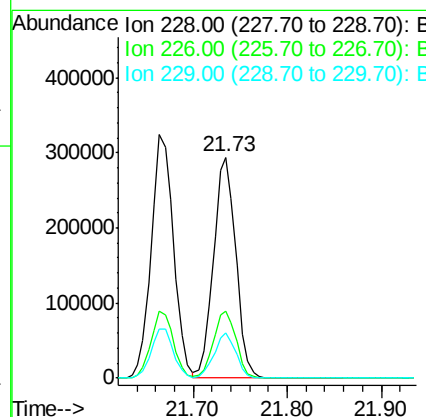
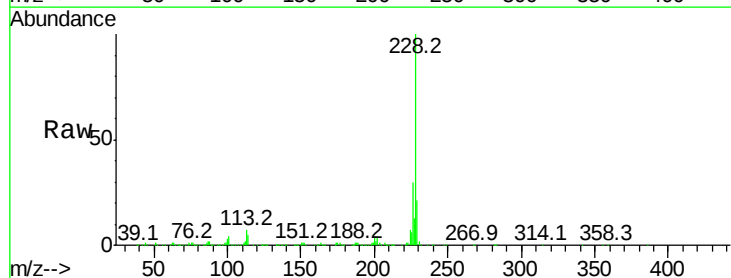
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 184650
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 7.1 7.4 11.2#



#82
 Chrysene
 Concen: 25.722 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: BG035589.D
 Acq: 12 Jul 2018 11:22

Tgt Ion:228 Resp: 490632
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.6 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 23.642 ng

RT: 21.56 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

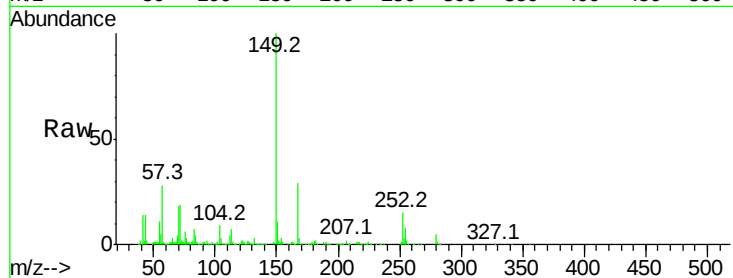
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 260709

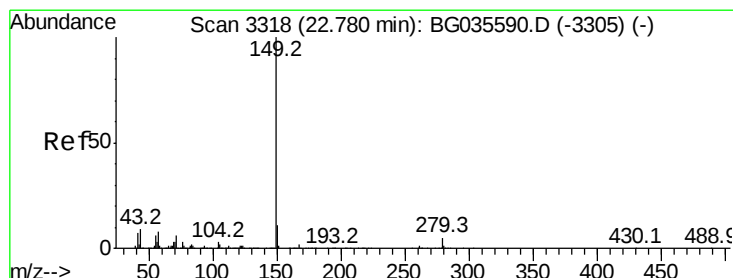
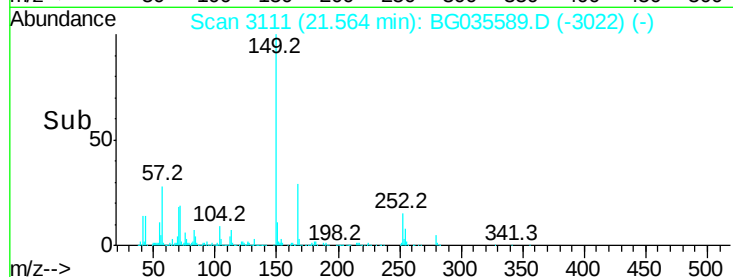
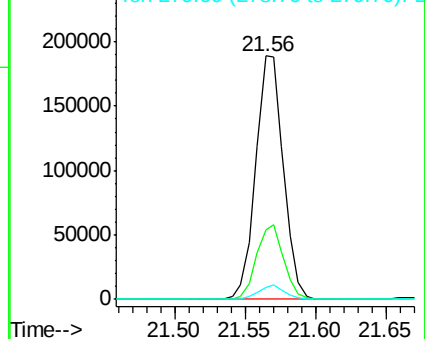
Ion	Ratio	Lower	Upper
149	100		
167	28.6	24.3	36.5
279	4.9	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 23.132 ng

RT: 22.77 min Scan# 3317

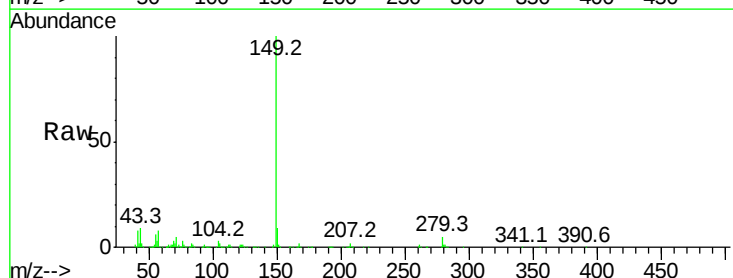
Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Tgt Ion:149 Resp: 437626

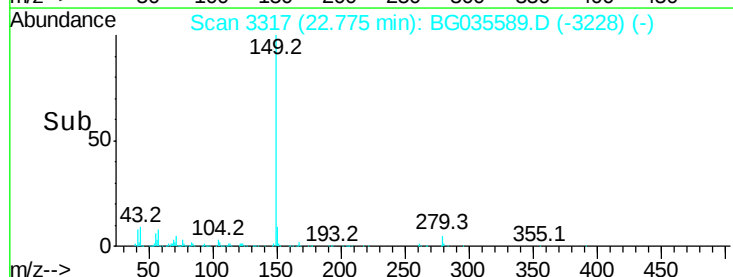
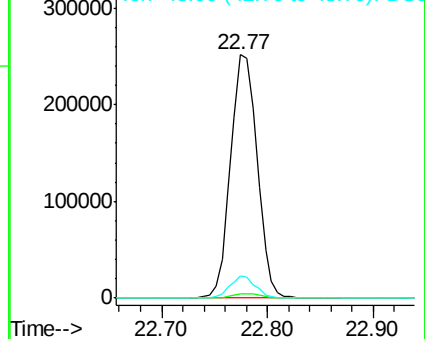
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.8	8.9	13.3#

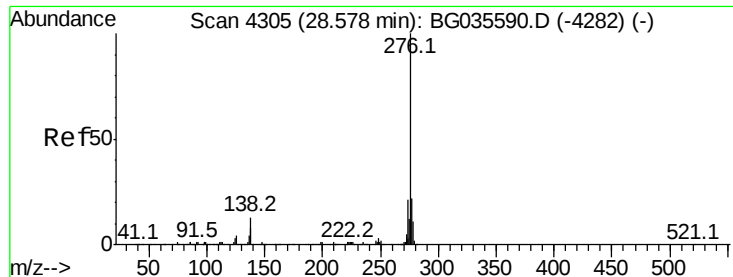


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 23.754 ng

RT: 28.57 min Scan# 4304

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

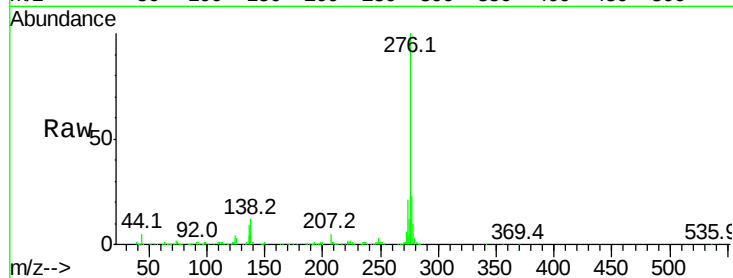
Tot Ion:276 Resp: 530662

Ion Ratio Lower Upper

276 100

138 11.4 16.0 24.0#

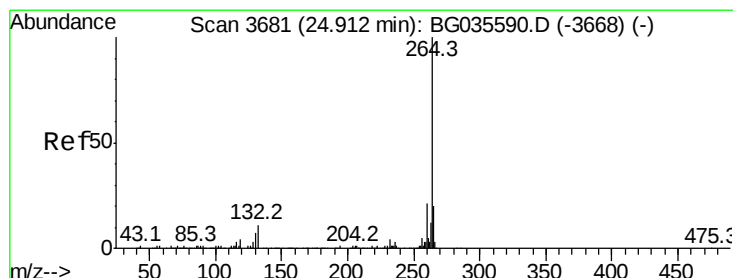
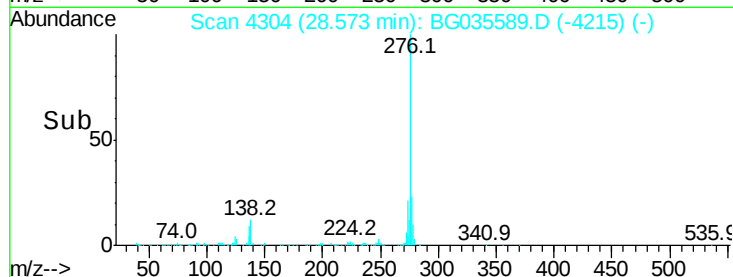
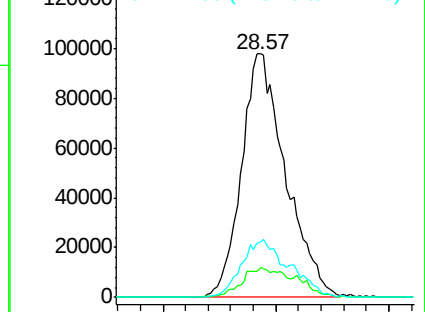
277 20.1 20.0 30.0



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: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

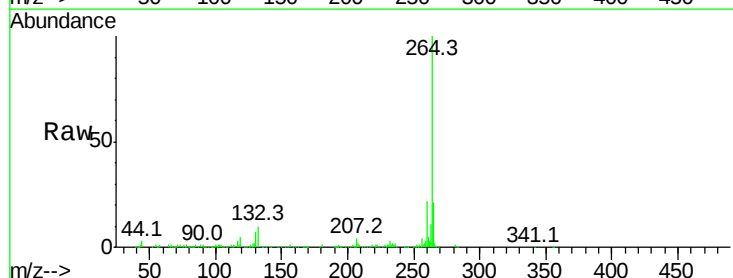
Tgt Ion:264 Resp: 316307

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

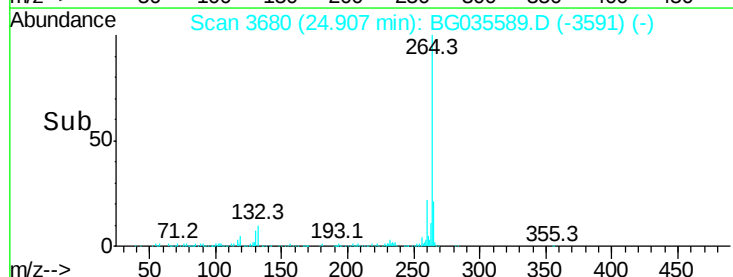
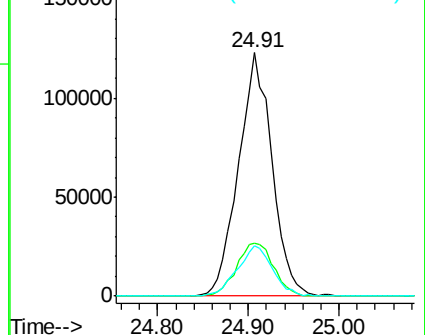
265 20.7 17.7 26.5



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: 25.431 ng

RT: 23.88 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BG035589.D

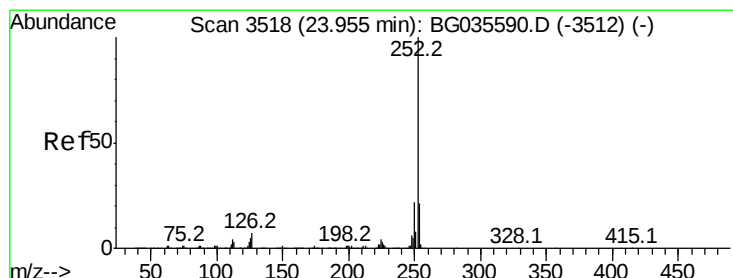
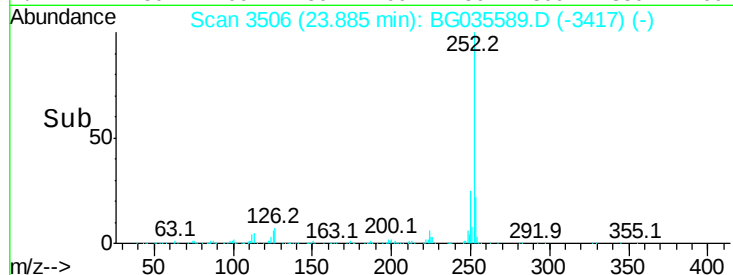
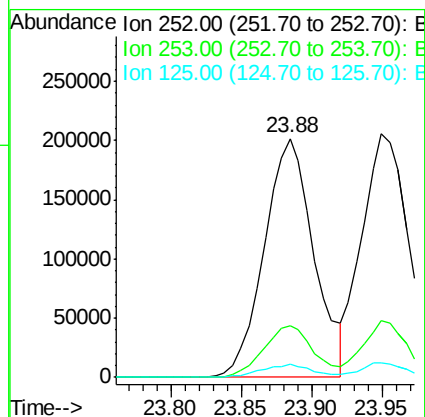
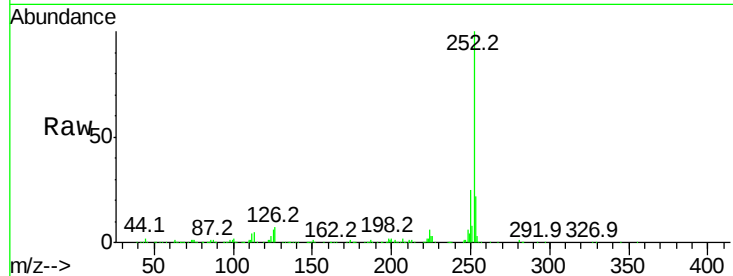
Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	495359
Ion Ratio	Lower	Upper
252	100	
253	21.6	18.2 27.4
125	5.7	7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 24.787 ng

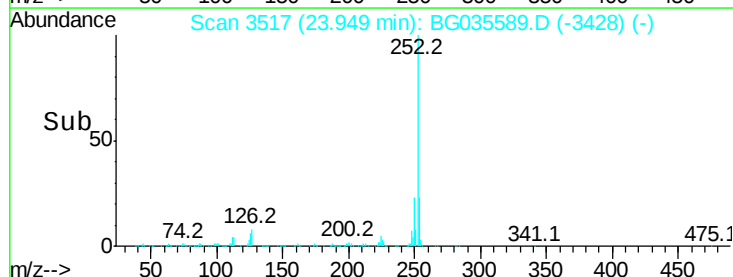
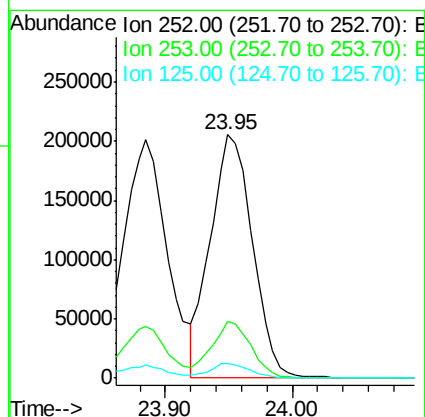
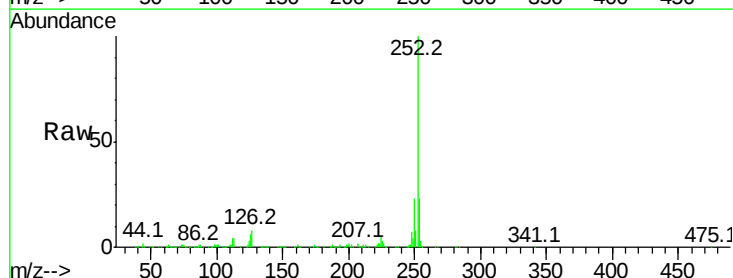
RT: 23.95 min Scan# 3517

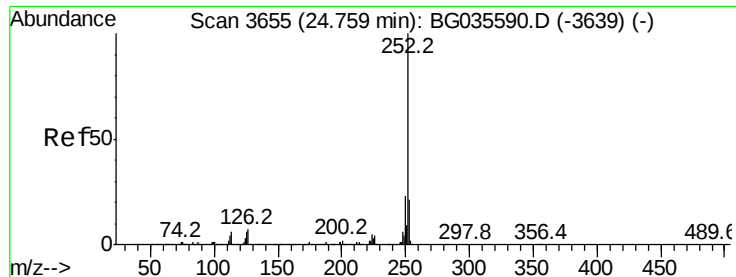
Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Tgt Ion:252	Resp:	472306
Ion Ratio	Lower	Upper
252	100	
253	23.1	17.4 26.2
125	6.0	6.6 9.8#





#89

Benzo(a)pyrene

Concen: 25.011 ng

RT: 24.75 min Scan# 3654

Delta R.T. -0.01 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

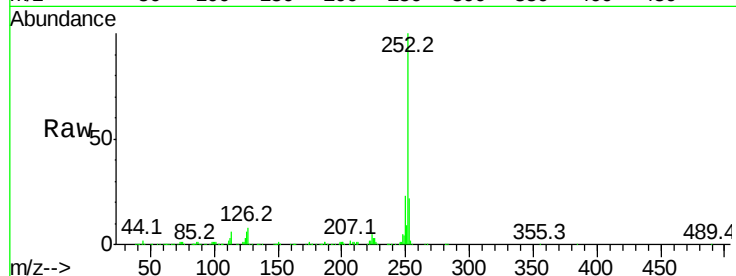
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 458434

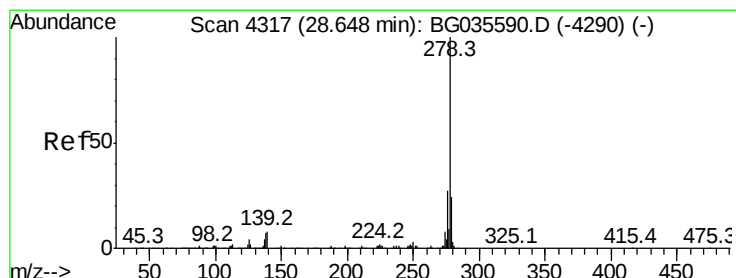
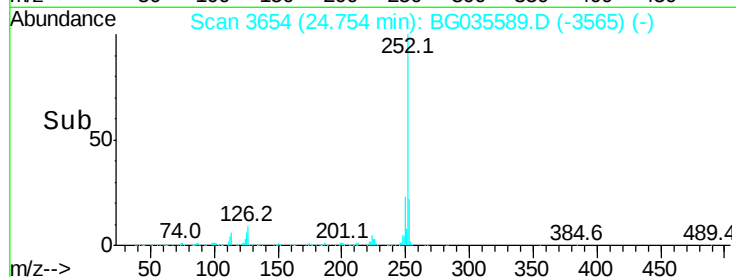
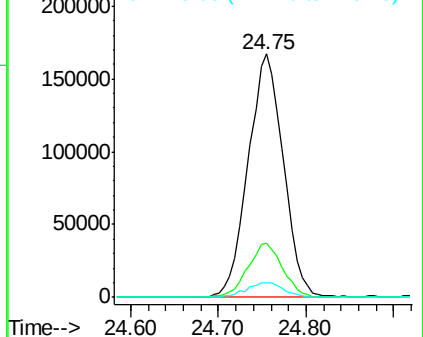
Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	5.8	7.3	10.9#



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: 24.587 ng

RT: 28.63 min Scan# 4314

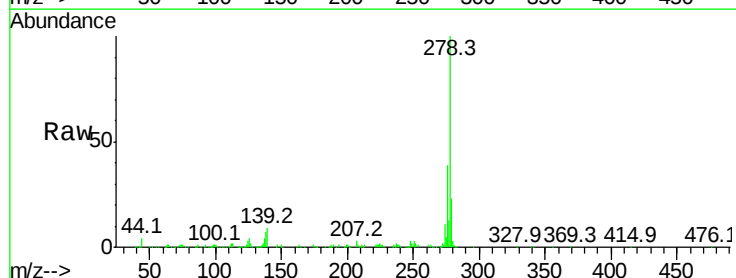
Delta R.T. -0.02 min

Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Tgt Ion:278 Resp: 444878

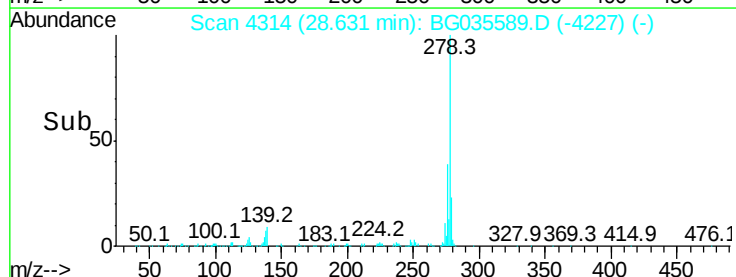
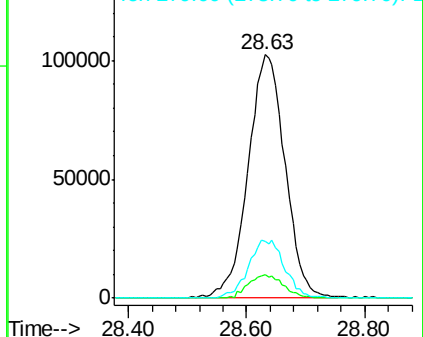
Ion	Ratio	Lower	Upper
278	100		
139	9.4	9.8	14.6#
279	23.4	18.4	27.6

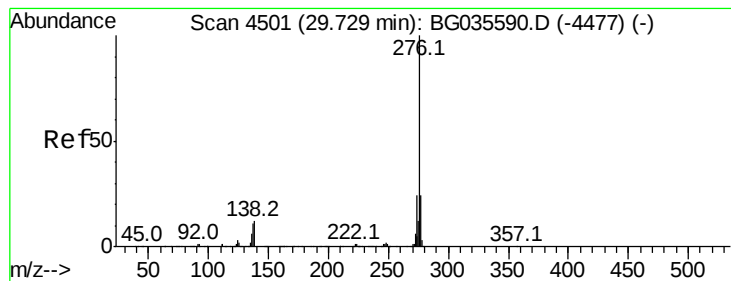


Abundance Ion 278.00 (277.70 to 278.70): E

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: 24.337 ng

RT: 29.71 min Scan# 4498

Delta R.T. -0.02 min

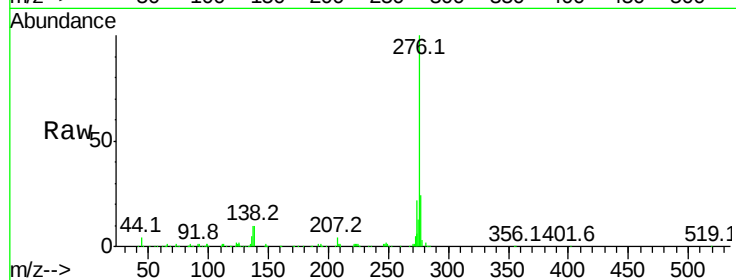
Lab File: BG035589.D

Acq: 12 Jul 2018 11:22

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	430951
Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.3	27.5
138	9.6	13.9	20.9#

