

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033789.D
 Acq On : 13 Apr 2018 1:35
 Operator : SJ/JU
 Sample : PB108178BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 02:25:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	29098	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	133662	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	106306	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	291255	20.00	ng	0.00
75) Chrysene-d12	22.55	240	315392	20.00	ng	0.00
86) Perylene-d12	26.31	264	340671	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.28	112	274340	176.79	ng	0.00
7) Phenol-d6	7.97	99	421124	157.94	ng	0.00
23) Nitrobenzene-d5	10.06	82	270812	93.09	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	219549	138.09	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	658365	89.41	ng	0.00
78) Terphenyl-d14	20.73	244	1363652	92.47	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.92	88	33778	42.862	ng	# 86
3) Pyridine	4.39	79	91452	41.980	ng	98
4) n-Nitrosodimethylamine	4.29	42	45186	50.543	ng	# 75
6) Aniline	8.17	93	73188	23.341	ng	95
8) 2-Chlorophenol	8.41	128	94197	53.098	ng	91
9) Benzaldehyde	7.96	77	65602	38.716	ng	95
10) Phenol	8.00	94	139650	53.049	ng	88
11) bis(2-Chloroethyl)ether	8.24	93	111399	51.845	ng	90
12) 1,3-Dichlorobenzene	8.74	146	103052	44.431	ng	97
13) 1,4-Dichlorobenzene	8.89	146	98271	42.307	ng	96
14) 1,2-Dichlorobenzene	9.22	146	100968	44.537	ng	96
15) Benzyl Alcohol	9.09	79	60505	28.822	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.37	45	174056	49.690	ng	86
17) 2-Methylphenol	9.29	107	82633	46.078	ng	# 88
18) Hexachloroethane	9.97	117	41058	45.798	ng	93
19) n-Nitroso-di-n-propylamine	9.66	70	89821	45.973	ng	89
20) 3+4-Methylphenols	9.63	107	120503	47.194	ng	91
22) Acetophenone	9.70	105	154677	42.240	ng	# 96
24) Nitrobenzene	10.10	77	138279	44.407	ng	90
25) Isophorone	10.61	82	230679	40.854	ng	# 98
26) 2-Nitrophenol	10.83	139	53314	45.223	ng	# 69
27) 2,4-Dimethylphenol	10.86	122	86111	50.280	ng	93
28) bis(2-Chloroethoxy)methane	11.10	93	119181	42.304	ng	96
29) 2,4-Dichlorophenol	11.37	162	108634	51.578	ng	97
30) 1,2,4-Trichlorobenzene	11.59	180	108927	39.806	ng	# 91
31) Naphthalene	11.79	128	282257	40.751	ng	96
32) Benzoic acid	10.98	122	15240	9.572	ng	# 84
33) 4-Chloroaniline	11.94	127	51716	16.665	ng	96
34) Hexachlorobutadiene	12.05	225	84509	40.838	ng	89
35) Caprolactam	12.62	113	42076	50.993	ng	94
36) 4-Chloro-3-methylphenol	12.96	107	128123	46.641	ng	94
37) 2-Methylnaphthalene	13.34	142	208976	38.872	ng	90
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	146498	38.045	ng	98
40) Hexachlorocyclopentadiene	13.66	237	173802	76.993	ng	90

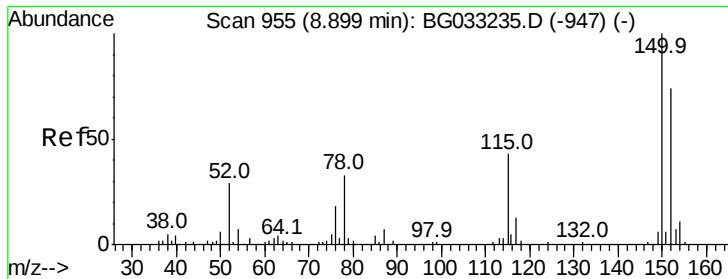
Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	97254	43.470	ng	89
43) 2,4,5-Trichlorophenol	14.00	196	113541	42.936	ng	96
45) 1,1'-Biphenyl	14.32	154	337744	41.353	ng	98
46) 2-Chloronaphthalene	14.37	162	263927	41.911	ng	95
47) 2-Nitroaniline	14.56	65	113644	48.181	ng	89
48) Acenaphthylene	15.20	152	435163	41.399	ng	97
49) Dimethylphthalate	14.90	163	388862	42.032	ng	99
50) 2,6-Dinitrotoluene	15.03	165	87413	46.209	ng	98
51) Acenaphthene	15.54	154	321608	47.462	ng	98
52) 3-Nitroaniline	15.38	138	58457	29.476	ng #	95
53) 2,4-Dinitrophenol	15.57	184	92847	93.367	ng #	71
54) Dibenzofuran	15.87	168	441624	44.122	ng	91
55) 4-Nitrophenol	15.66	139	125208	89.783	ng #	80
56) 2,4-Dinitrotoluene	15.81	165	127864	45.907	ng	98
57) Fluorene	16.51	166	349041	40.933	ng	99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	113171	45.459	ng #	98
59) Diethylphthalate	16.24	149	395598	44.036	ng	96
60) 4-Chlorophenyl-phenylether	16.48	204	210349	42.913	ng	96
61) 4-Nitroaniline	16.52	138	59693	29.722	ng #	81
62) Azobenzene	16.78	77	393723	45.244	ng	97
64) 4,6-Dinitro-2-methylphenol	16.57	198	79251	45.485	ng	96
65) n-Nitrosodiphenylamine	16.70	169	351451	42.268	ng	97
66) 4-Bromophenyl-phenylether	17.38	248	143626	41.989	ng	95
67) Hexachlorobenzene	17.51	284	151762	42.040	ng	97
68) Atrazine	17.62	200	142610	42.325	ng	96
69) Pentachlorophenol	17.85	266	187393	75.633	ng	100
70) Phenanthrene	18.25	178	611618	40.321	ng	99
71) Anthracene	18.34	178	624340	40.651	ng	99
72) Carbazole	18.60	167	622970	45.773	ng	96
73) Di-n-butylphthalate	19.09	149	716684	45.242	ng #	99
74) Fluoranthene	20.20	202	812394	43.279	ng	97
76) Benzidine	20.37	184	232743	27.212	ng #	96
77) Pyrene	20.56	202	841492	40.005	ng	100
79) Butylbenzylphthalate	21.41	149	332717	42.863	ng	98
80) Benzo(a)anthracene	22.53	228	809495	40.308	ng	99
81) 3,3'-Dichlorobenzidine	22.42	252	246054	34.430	ng	95
82) Chrysene	22.61	228	786209	40.442	ng	97
83) Bis(2-ethylhexyl)phthalate	22.35	149	458595	42.858	ng	99
84) Di-n-octyl phthalate	23.74	149	780682	47.650	ng	100
85) Indeno(1,2,3-cd)pyrene	30.68	276	887666	42.233	ng #	88
87) Benzo(b)fluoranthene	25.10	252	773895	39.320	ng #	96
88) Benzo(k)fluoranthene	25.18	252	795493	39.962	ng #	96
89) Benzo(a)pyrene	26.13	252	773102	40.902	ng #	97
90) Dibenzo(a,h)anthracene	30.76	278	734440	41.251	ng	95
91) Benzo(g,h,i)perylene	32.07	276	724839	41.113	ng #	94

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

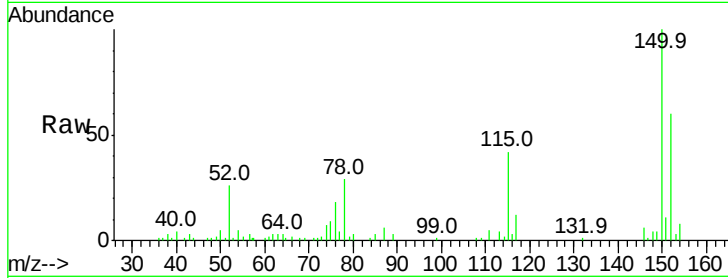


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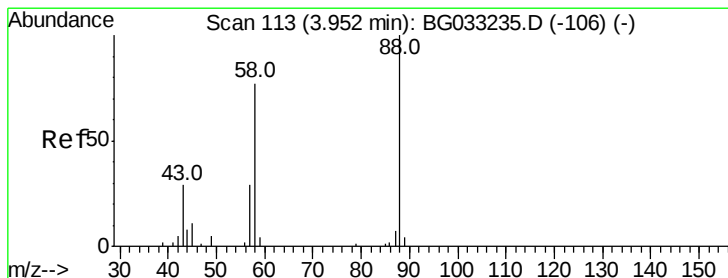
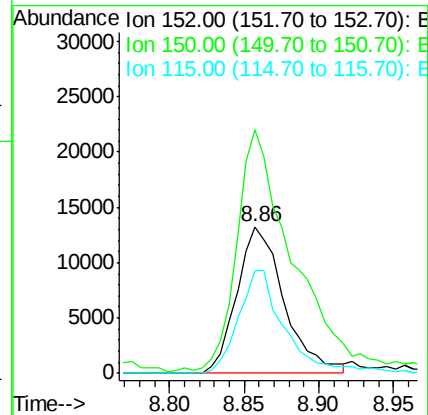
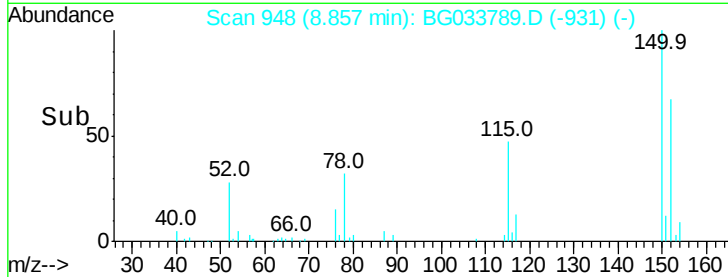
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 29098
Ion Ratio Lower Upper
152 100
150 166.1 126.6 189.8
115 70.2 53.0 79.4



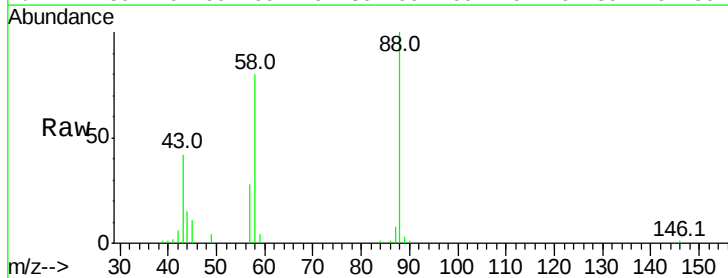
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



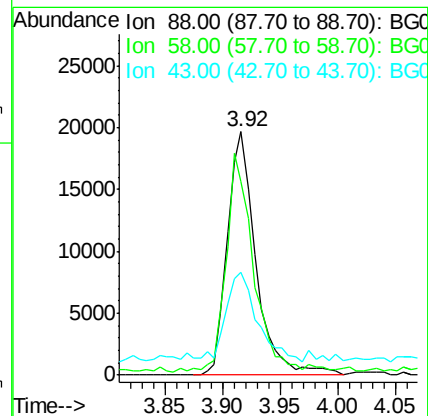
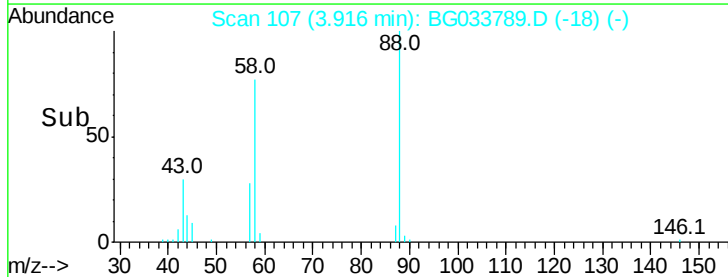
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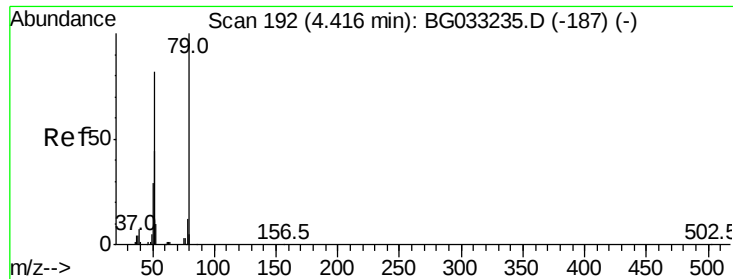
1,4-Dioxane
Concen: 42.862 ng
RT: 3.92 min Scan# 107
Delta R.T. -0.01 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion: 88 Resp: 33778
Ion Ratio Lower Upper
88 100
58 84.7 79.6 119.4
43 41.2 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: 41.980 ng

RT: 4.39 min Scan# 187

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

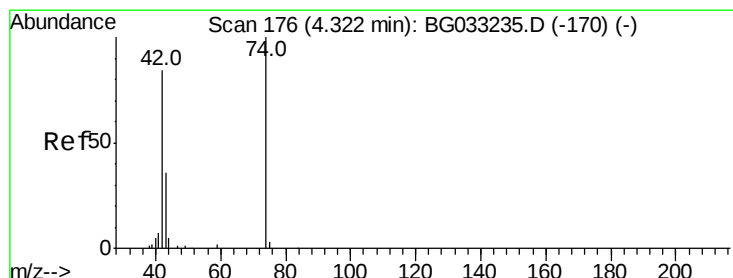
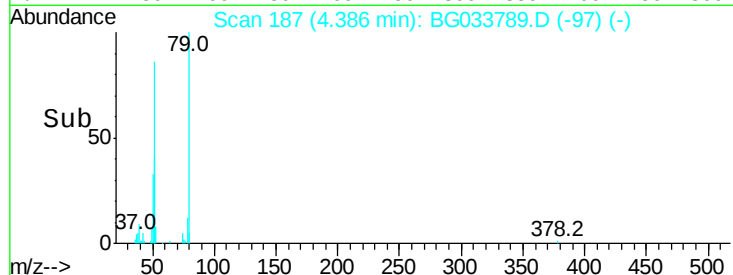
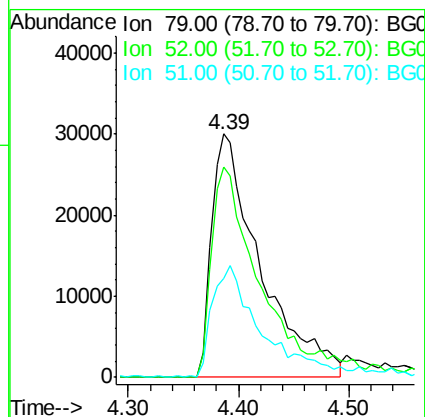
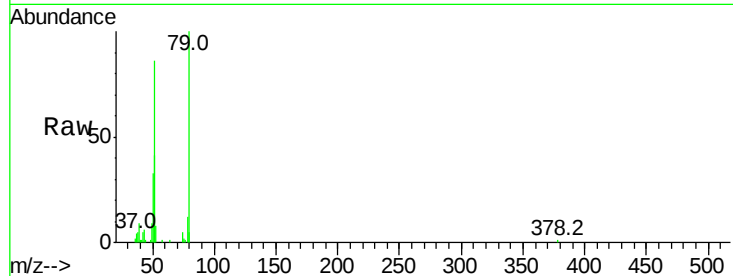
Tot Ion: 79 Resp: 91452

Ion Ratio Lower Upper

79 100

52 86.3 69.9 104.9

51 40.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 50.543 ng

RT: 4.29 min Scan# 171

Delta R.T. -0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

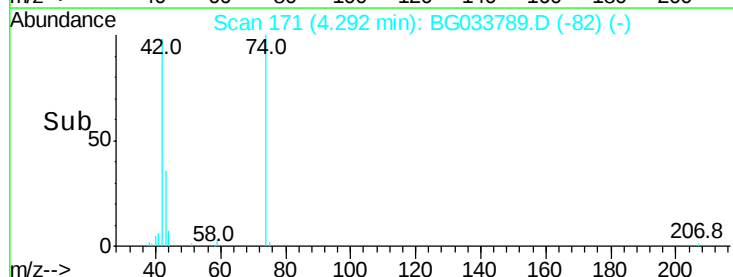
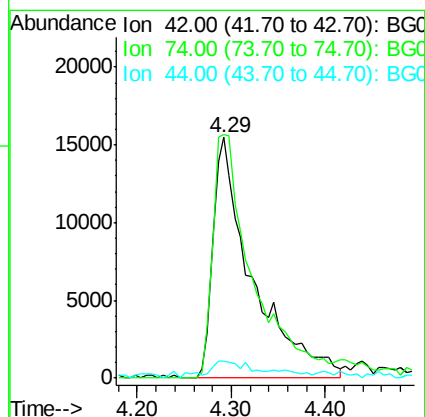
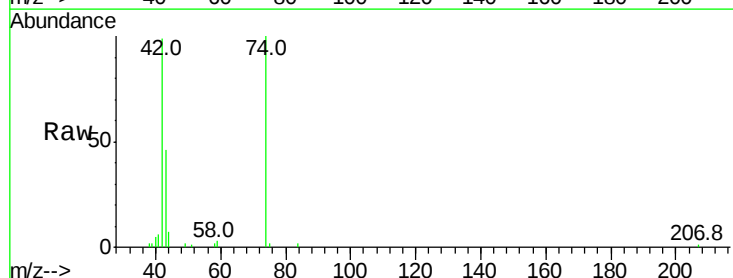
Tgt Ion: 42 Resp: 45186

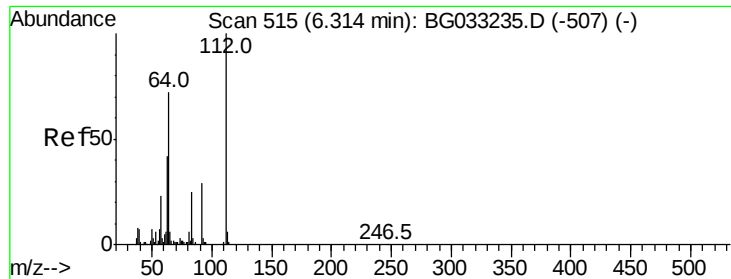
Ion Ratio Lower Upper

42 100

74 101.0 102.5 153.7#

44 6.9 18.9 28.3#





#5

2-Fluorophenol

Concen: 176.789 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

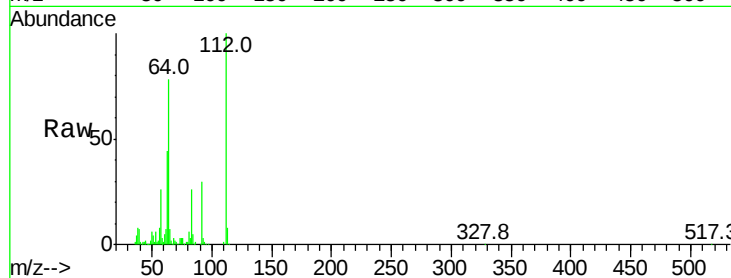
Tot Ion:112 Resp: 274340

Ion Ratio Lower Upper

112 100

64 77.9 56.3 84.5

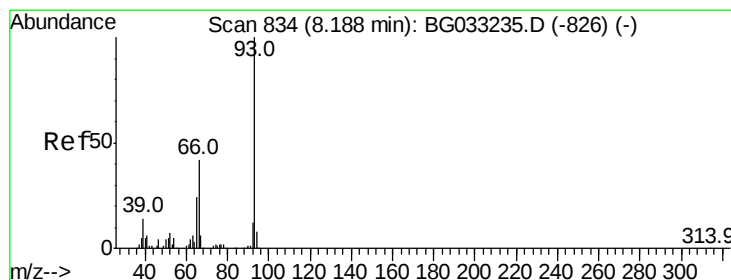
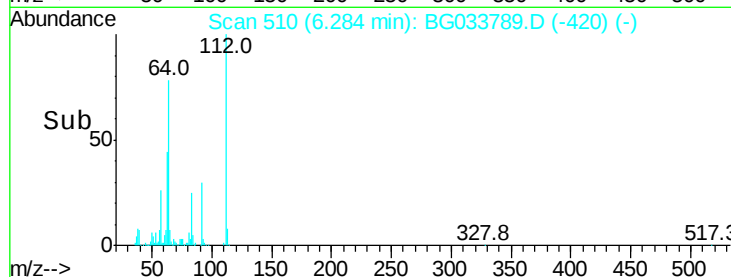
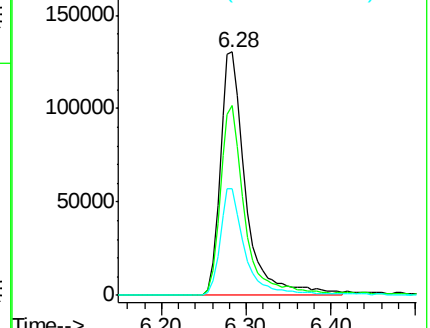
63 43.5 30.1 45.1



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: 23.341 ng

RT: 8.17 min Scan# 831

Delta R.T. 0.02 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

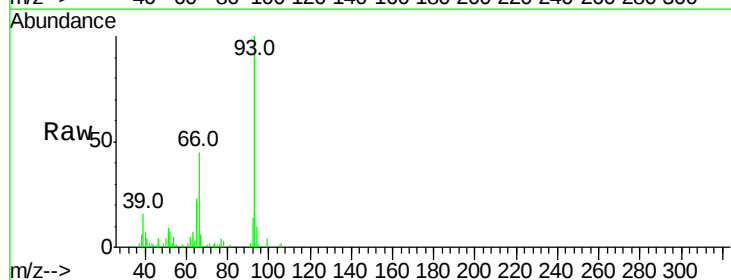
Tgt Ion: 93 Resp: 73188

Ion Ratio Lower Upper

93 100

66 45.0 33.7 50.5

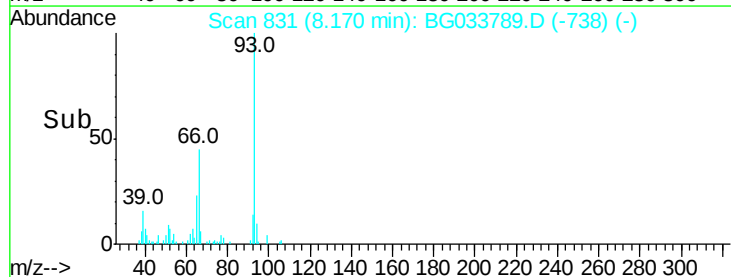
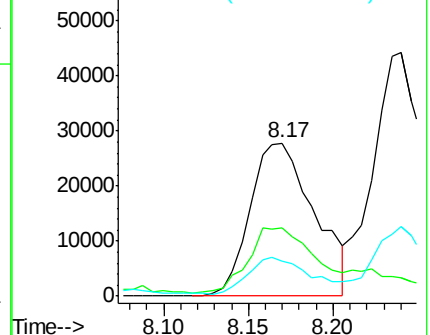
65 23.3 16.1 24.1

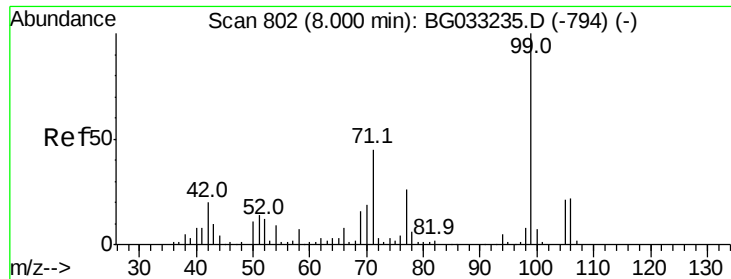


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.943 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampled :

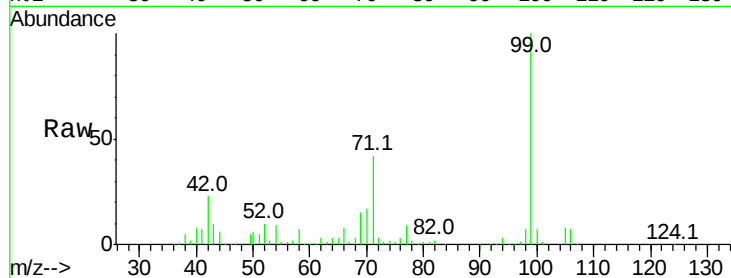
Tot Ion: 99 Resp: 421124

Ion Ratio Lower Upper

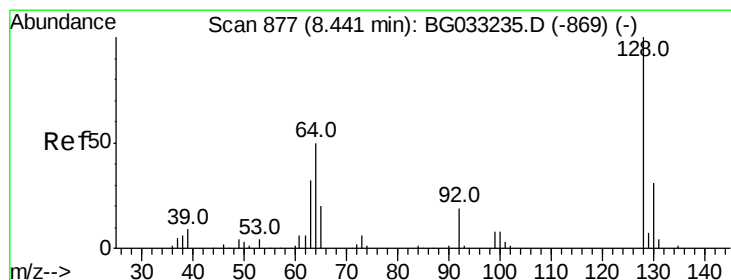
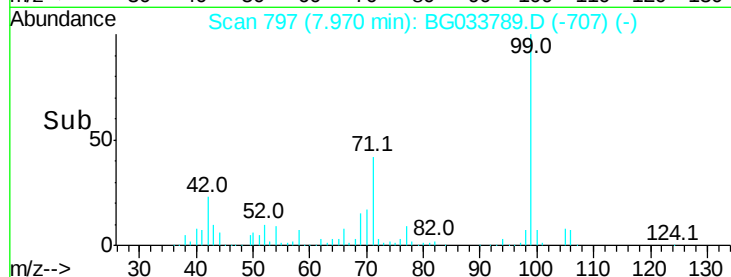
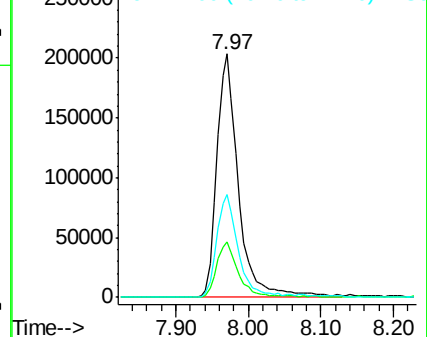
99 100

42 22.5 14.1 21.1#

71 42.5 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: 53.098 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

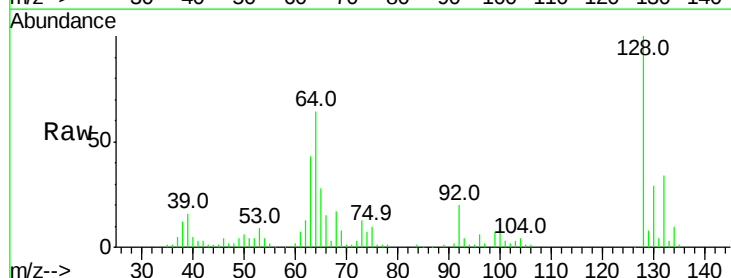
Tgt Ion: 128 Resp: 94197

Ion Ratio Lower Upper

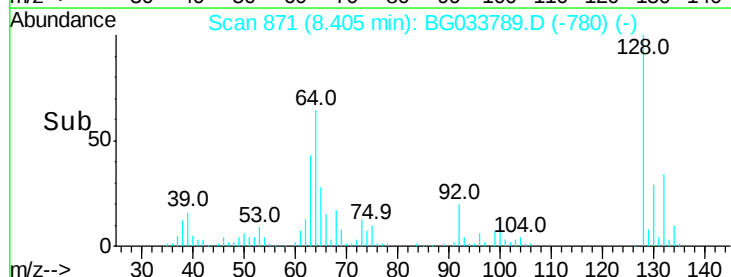
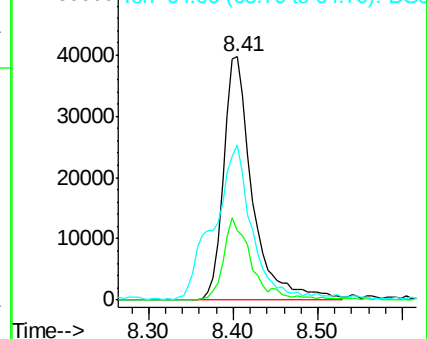
128 100

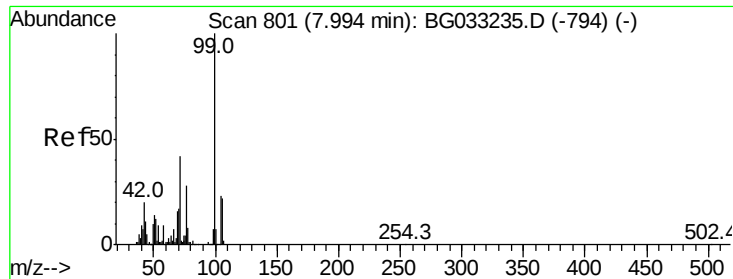
130 28.8 14.0 54.0

64 64.0 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

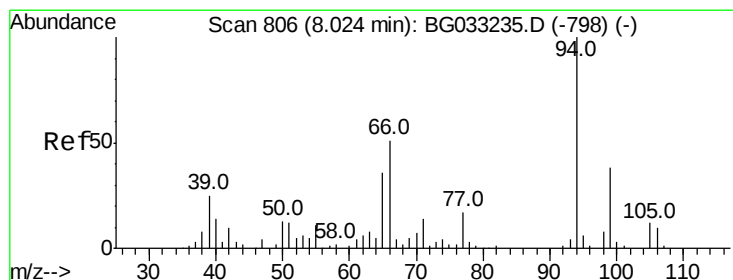
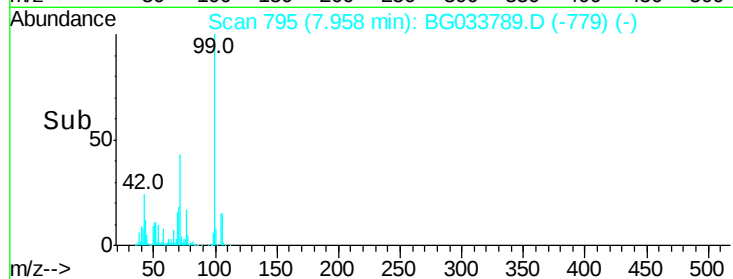
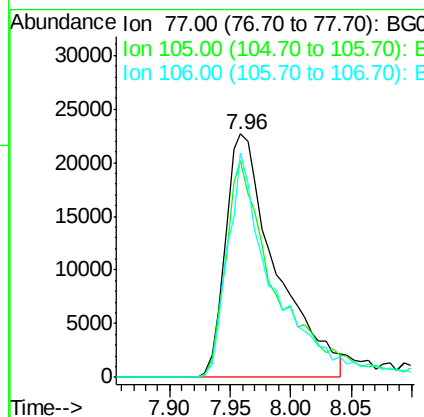
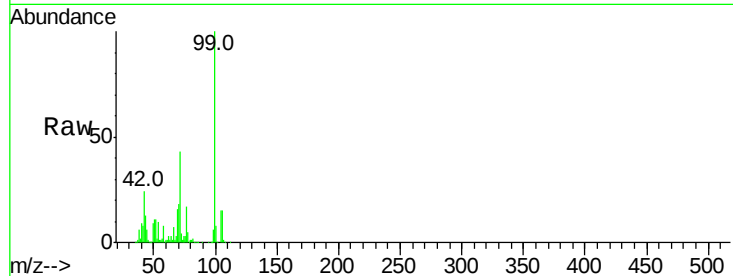




#9
Benzaldehyde
Concen: 38.716 ng
RT: 7.96 min Scan# 795
Delta R.T. -0.01 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

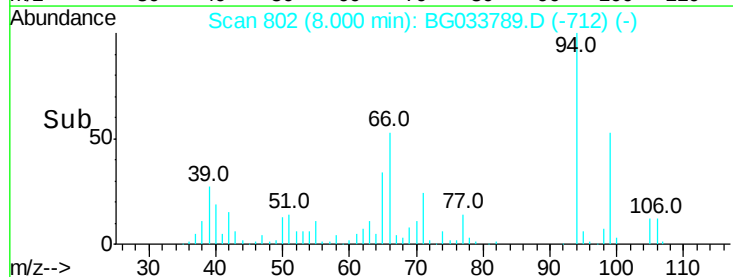
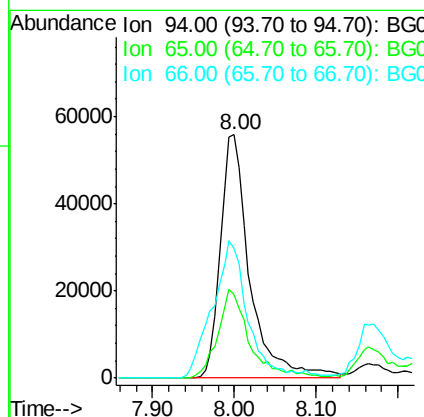
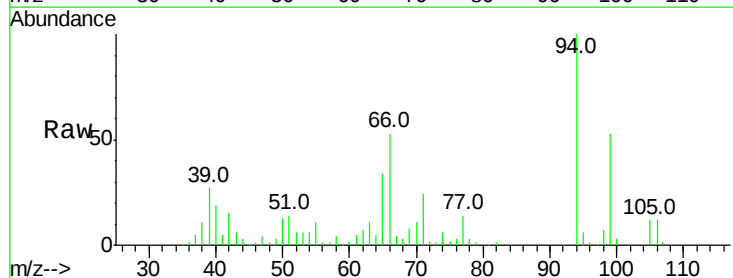
Instrument :
BNA_G
ClientSampleId :

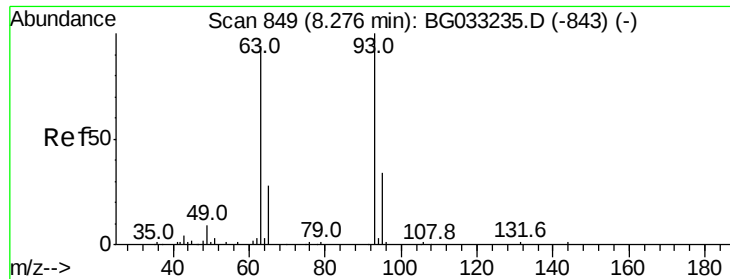
Tot Ion: 77 Resp: 65602
Ion Ratio Lower Upper
77 100
105 88.9 71.3 111.3
106 92.0 64.2 104.2



#10
Phenol
Concen: 53.049 ng
RT: 8.00 min Scan# 802
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion: 94 Resp: 139650
Ion Ratio Lower Upper
94 100
65 34.4 11.9 51.9
66 53.1 22.2 62.2

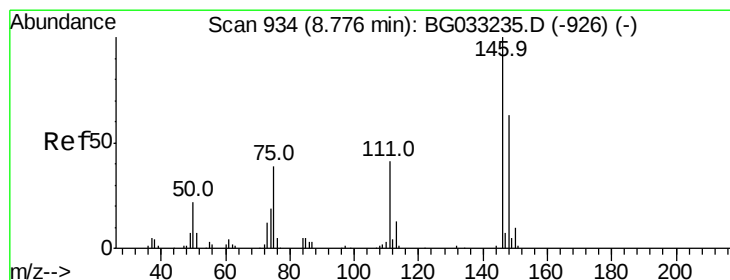
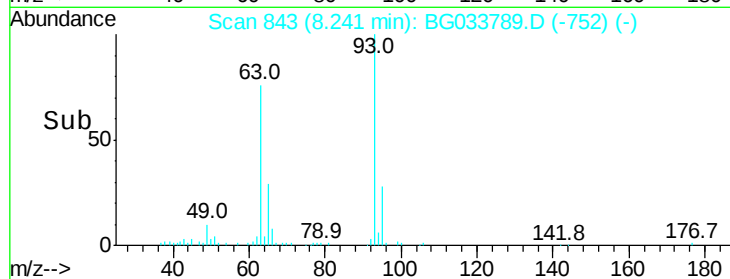
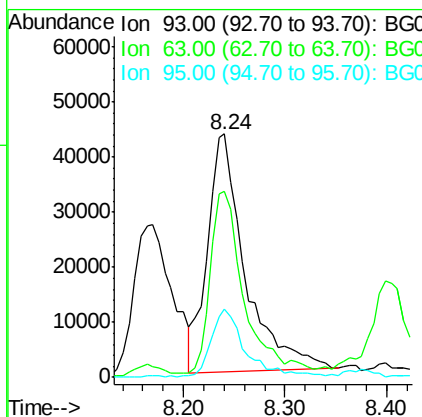
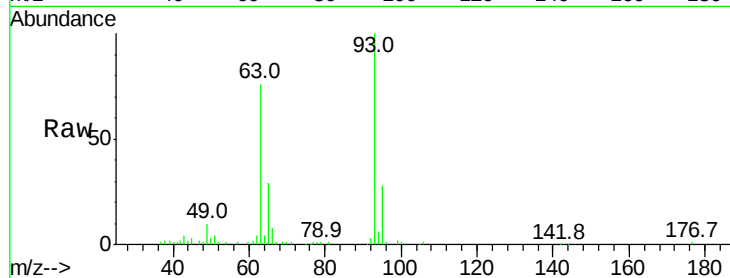




#11
 bis(2-Chloroethyl)ether
 Concen: 51.845 ng
 RT: 8.24 min Scan# 843
 Delta R.T. 0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

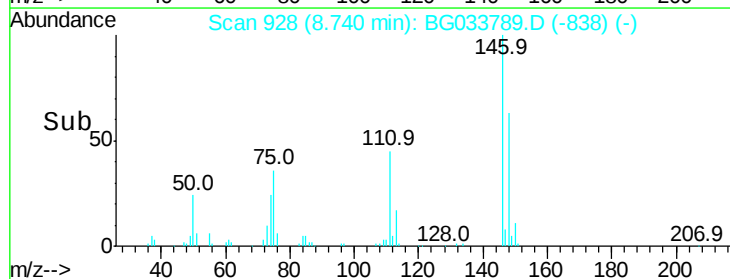
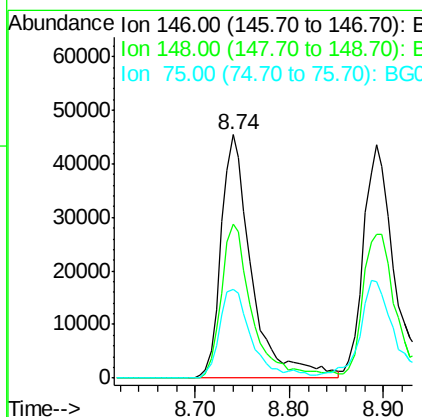
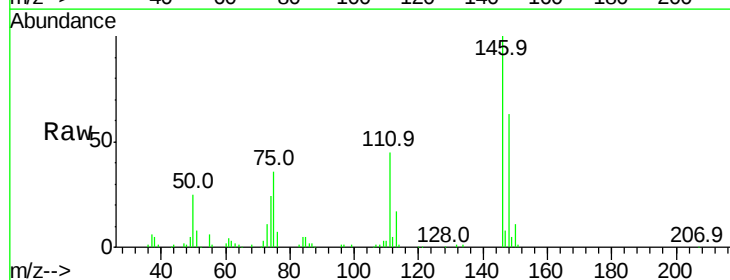
Instrument :
 BNA_G
 ClientSampled :

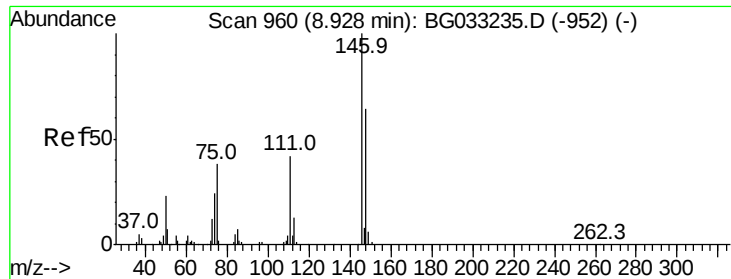
Tot Ion: 93 Resp: 111399
 Ion Ratio Lower Upper
 93 100
 63 76.3 67.1 107.1
 95 28.3 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 44.431 ng
 RT: 8.74 min Scan# 928
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion: 146 Resp: 103052
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.2
 75 36.3 26.6 39.8

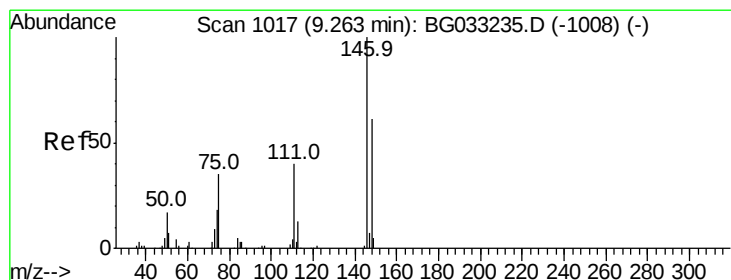
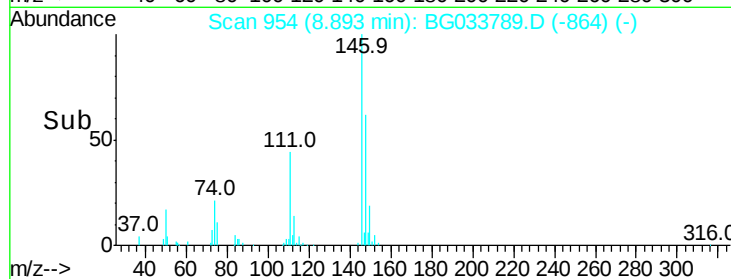
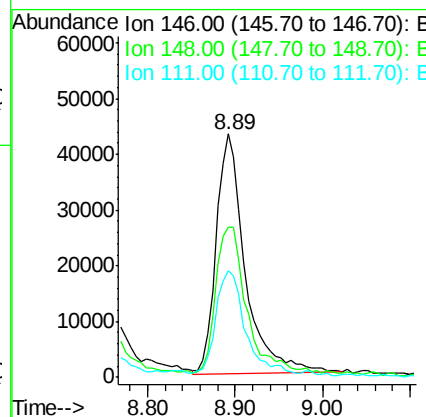
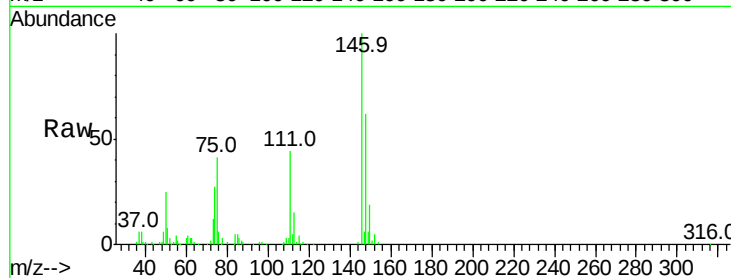




#13
 1,4-Dichlorobenzene
 Concen: 42.307 ng
 RT: 8.89 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

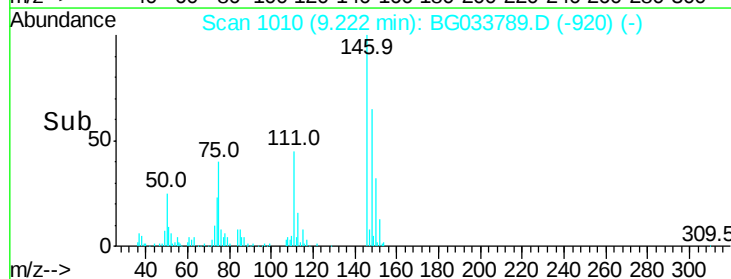
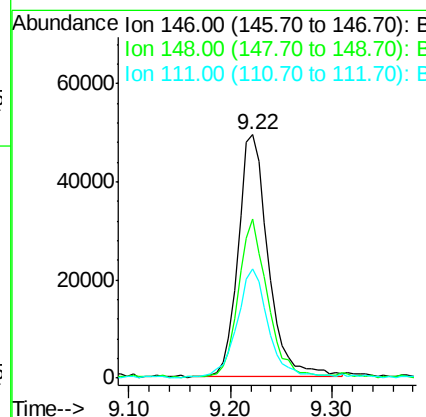
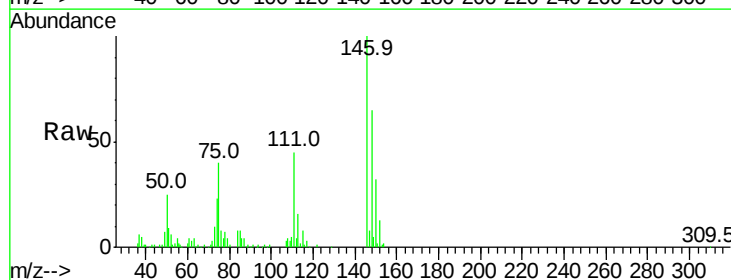
Instrument :
 BNA_G
 ClientSampled :

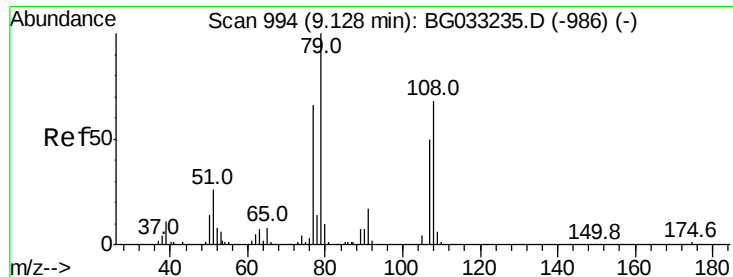
Tot Ion	Ratio	Lower	Upper
146	100		
148	61.5	53.7	80.5
111	43.7	35.2	52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.537 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	49.3	73.9
111	44.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 28.822 ng

RT: 9.09 min Scan# 988

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampled :

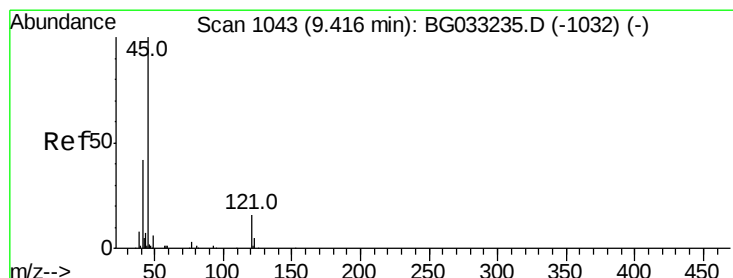
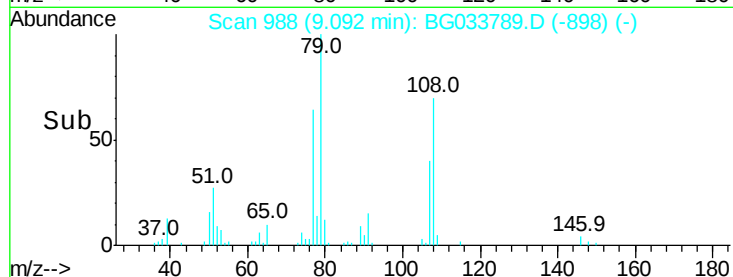
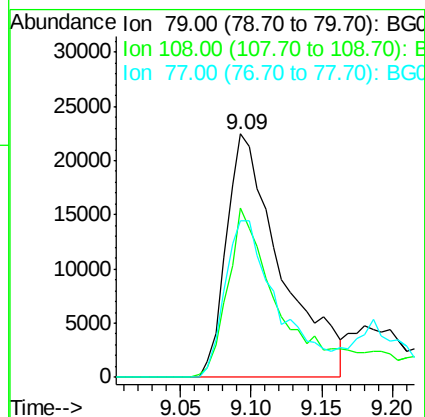
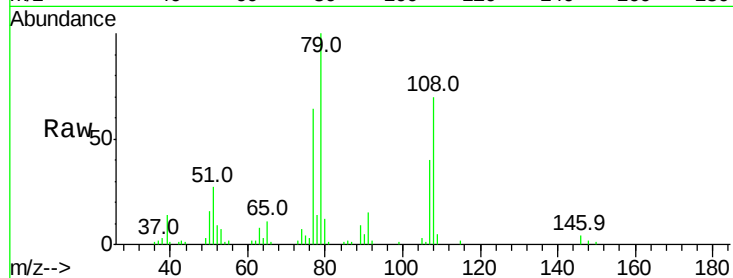
Tot Ion: 79 Resp: 60505

Ion Ratio Lower Upper

79 100

108 69.6 57.2 85.8

77 64.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 49.690 ng

RT: 9.37 min Scan# 1036

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

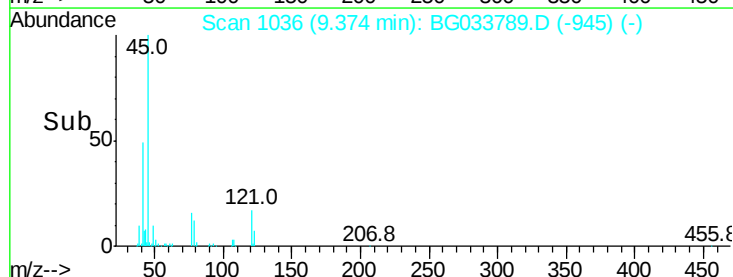
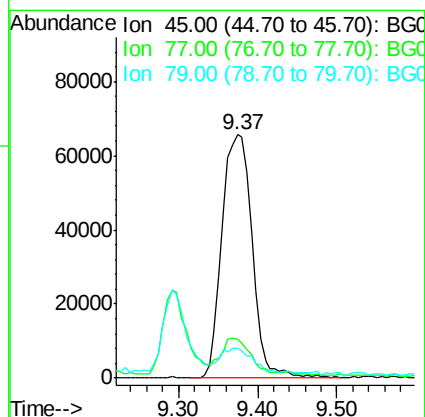
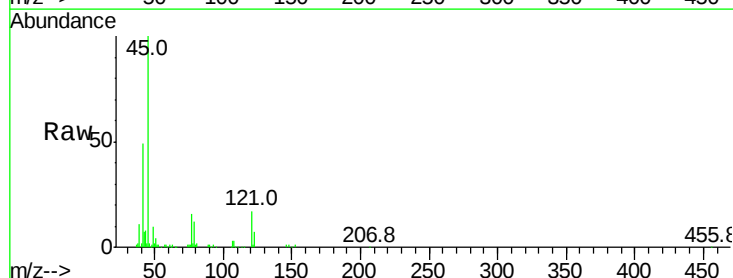
Tgt Ion: 45 Resp: 174056

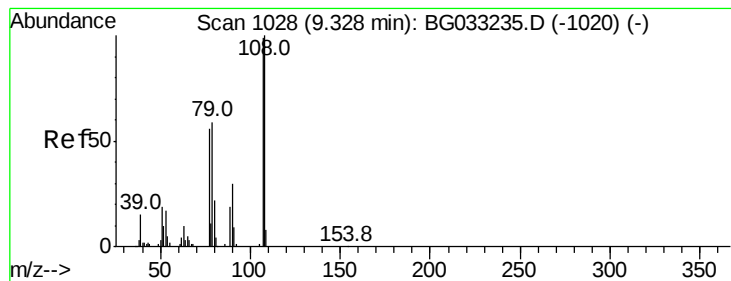
Ion Ratio Lower Upper

45 100

77 15.9 0.0 30.2

79 12.3 0.0 27.9

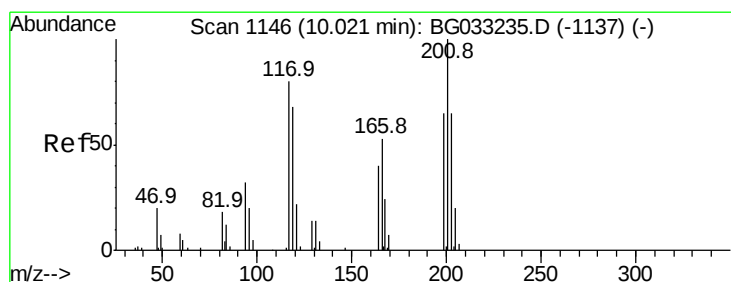
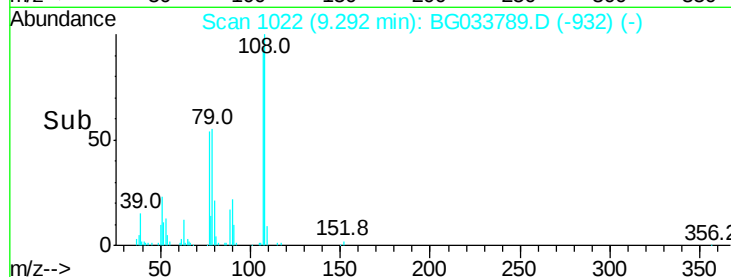
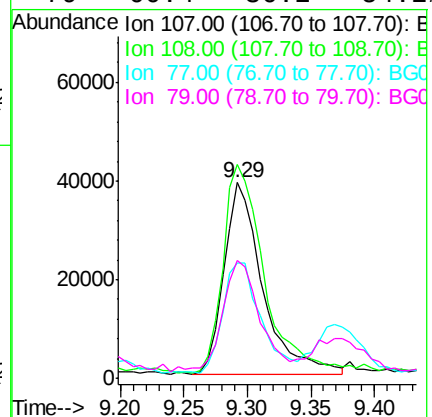
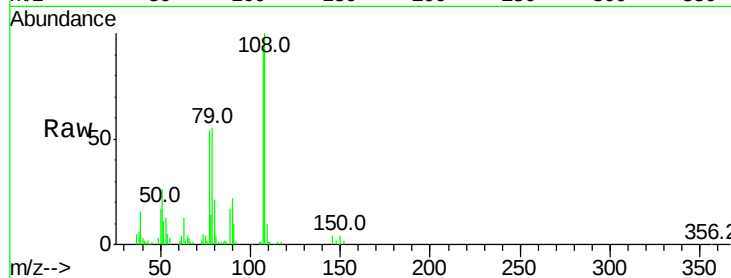




#17
2-Methylphenol
Concen: 46.078 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

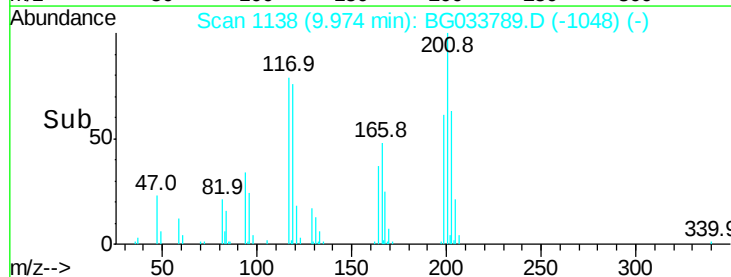
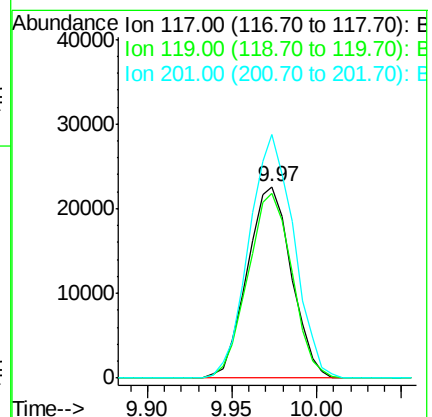
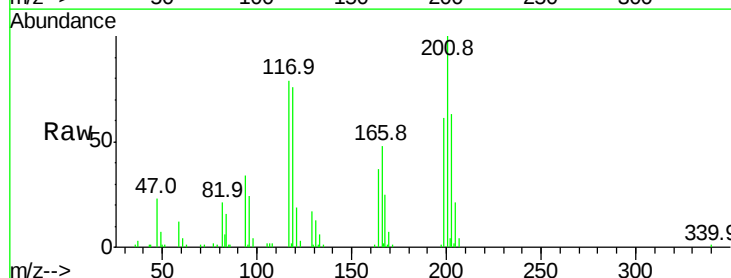
Instrument :
BNA_G
ClientSampleId :

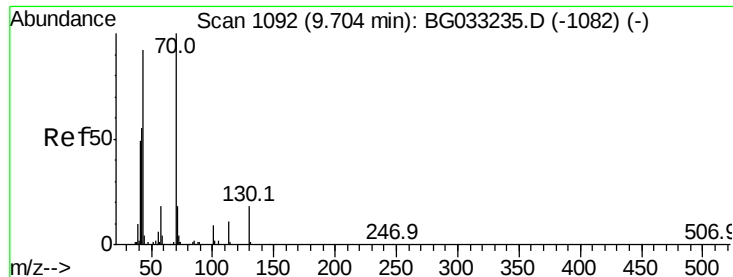
Tot Ion:107 Resp: 82633
Ion Ratio Lower Upper
107 100
108 109.1 83.9 125.9
77 59.2 37.2 55.8#
79 60.4 36.2 54.2#



#18
Hexachloroethane
Concen: 45.798 ng
RT: 9.97 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:117 Resp: 41058
Ion Ratio Lower Upper
117 100
119 96.8 76.7 115.1
201 132.0 95.7 143.5

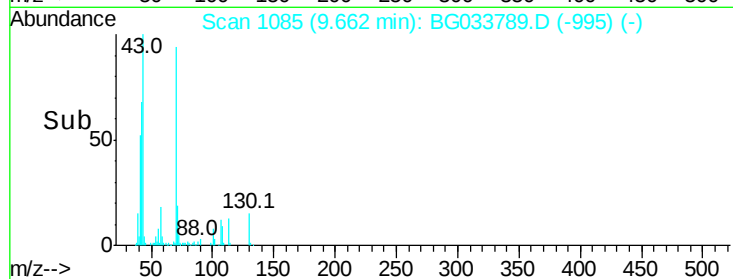
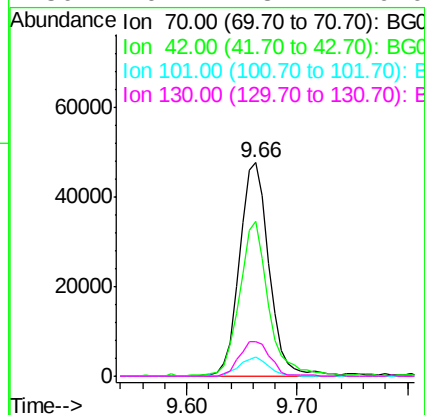
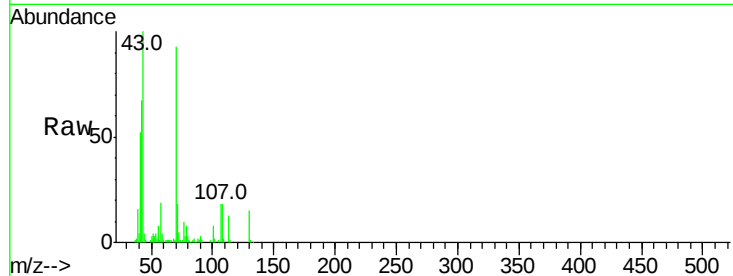




#19
n-Nitroso-di-n-propylamine
Concen: 45.973 ng
RT: 9.66 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

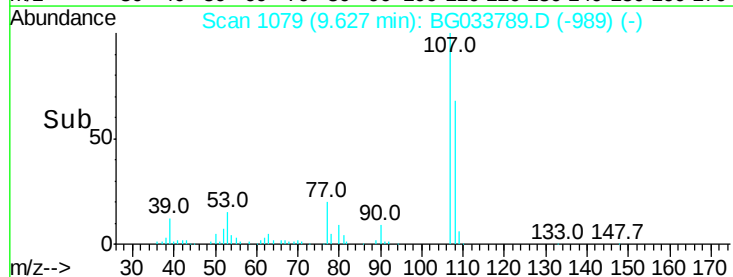
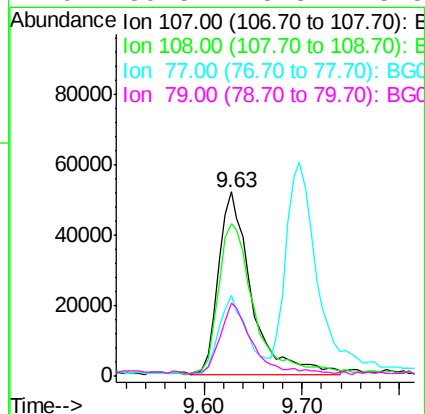
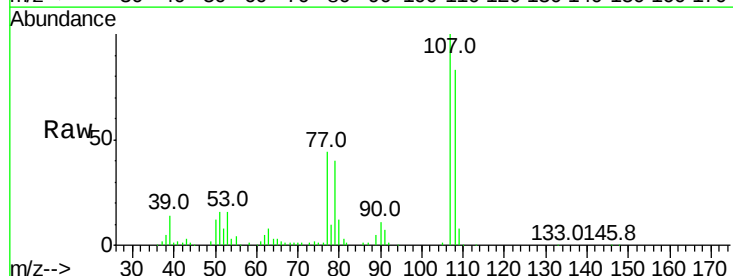
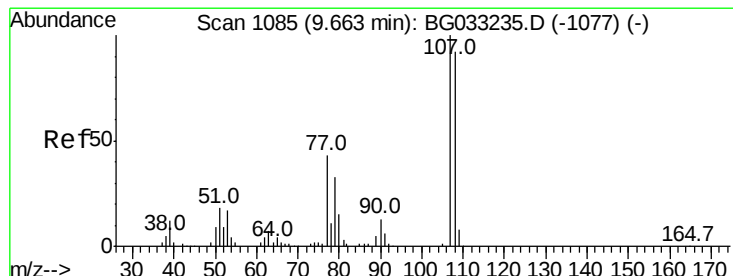
Instrument :
BNA_G
ClientSampleId :

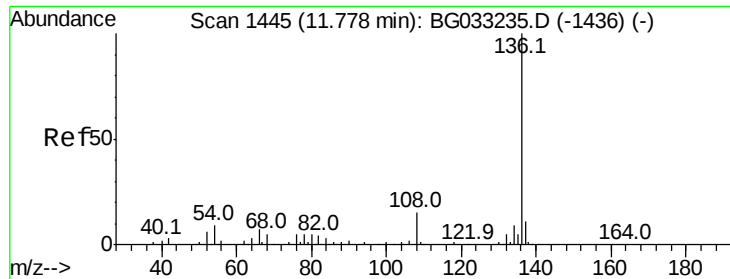
Tot Ion:	70	Resp:	89821
Ion	Ratio	Lower	Upper
70	100		
42	72.6	49.1	73.7
101	9.0	8.5	12.7
130	16.1	13.4	20.0



#20
3+4-Methylphenols
Concen: 47.194 ng
RT: 9.63 min Scan# 1079
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:	107	Resp:	120503
Ion	Ratio	Lower	Upper
107	100		
108	82.7	61.6	101.6
77	43.9	13.9	53.9
79	39.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 133662

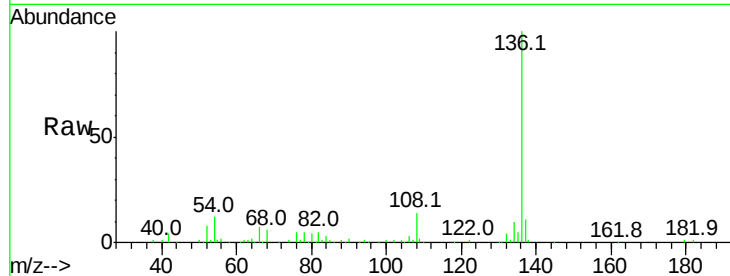
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 11.7 10.3 15.5

68 5.9 4.5 6.7

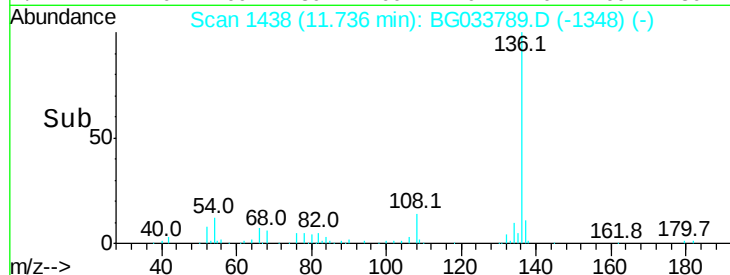


Abundance Ion 136.00 (135.70 to 136.70): E

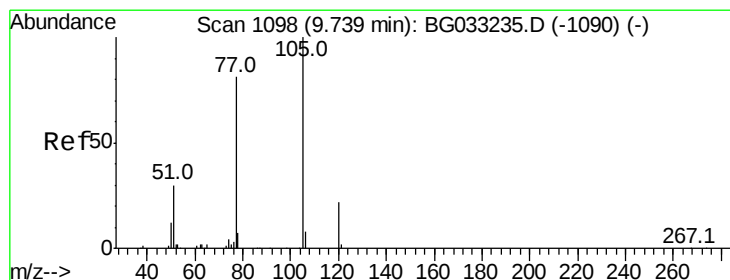
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



Time-->



#22

Acetophenone

Concen: 42.240 ng

RT: 9.70 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Tgt Ion:105 Resp: 154677

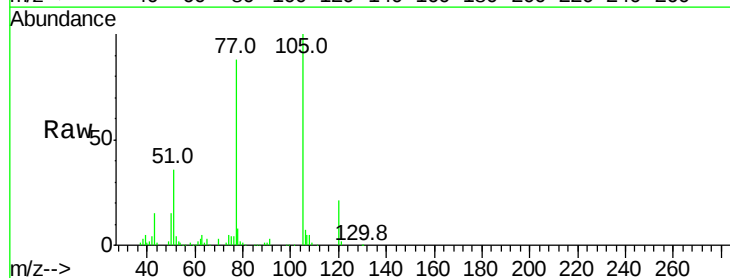
Ion Ratio Lower Upper

105 100

71 0.0 3.0 4.4#

51 35.5 26.1 39.1

120 21.5 17.4 26.2

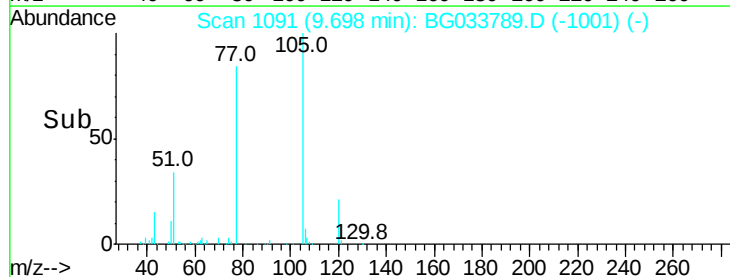


Abundance Ion 105.00 (104.70 to 105.70): E

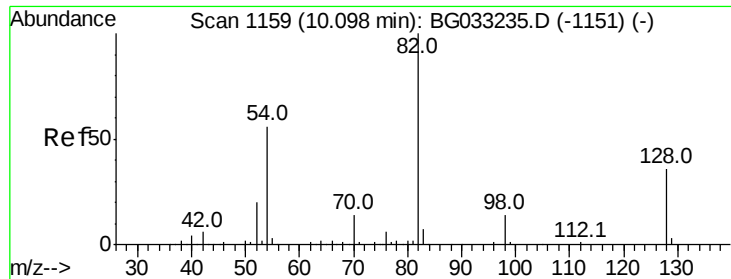
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



Time-->



#23

Nitrobenzene-d5

Concen: 93.087 ng

RT: 10.06 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

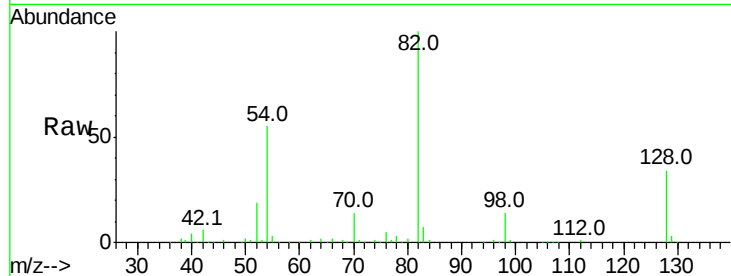
Tot Ion: 82 Resp: 270812

Ion Ratio Lower Upper

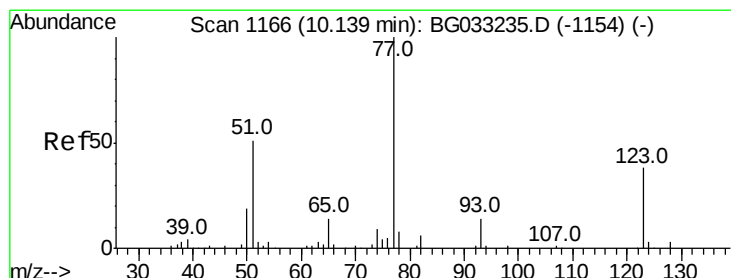
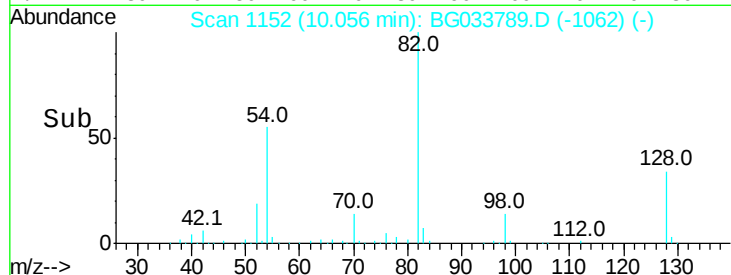
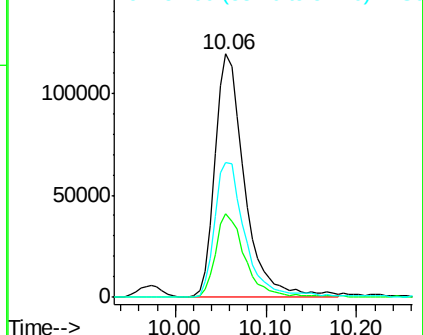
82 100

128 34.5 29.7 44.5

54 55.4 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 44.407 ng

RT: 10.10 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

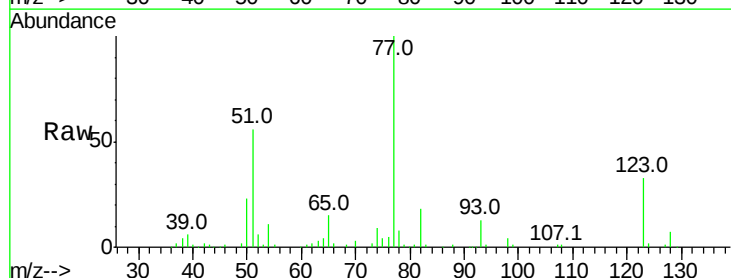
Tgt Ion: 77 Resp: 138279

Ion Ratio Lower Upper

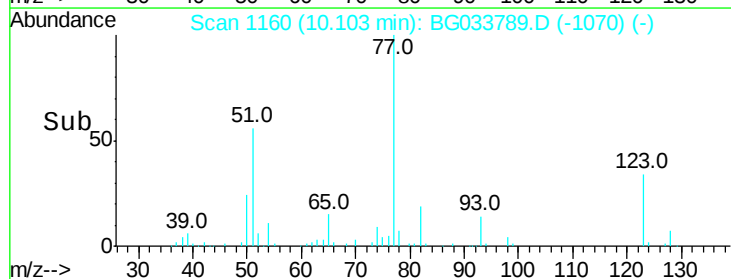
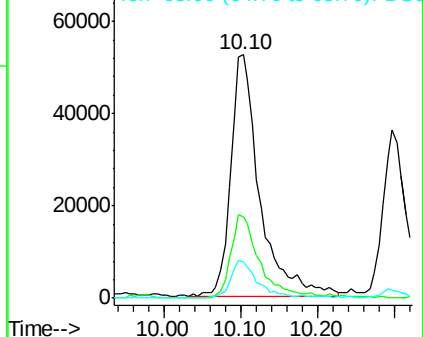
77 100

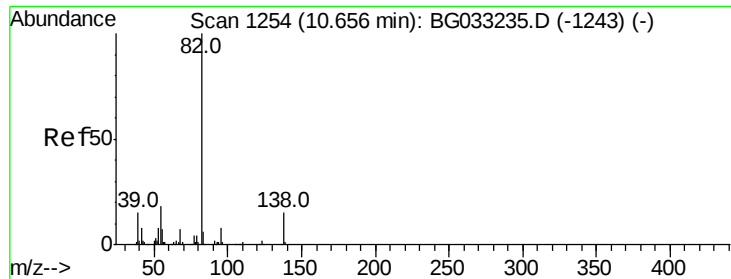
123 33.2 33.0 49.6

65 14.9 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.854 ng

RT: 10.61 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

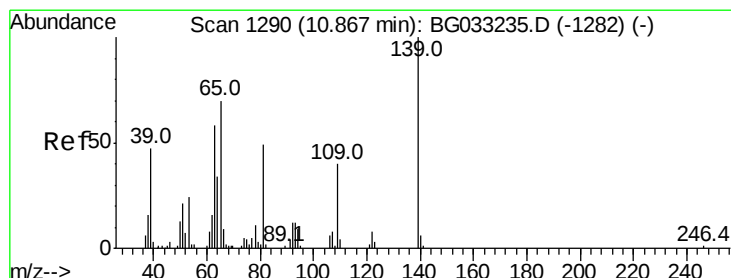
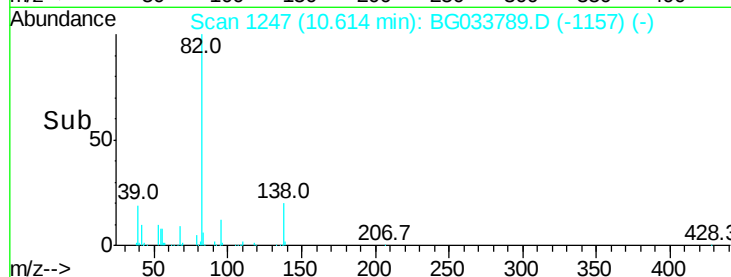
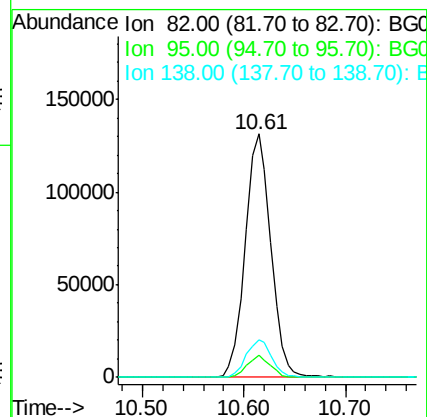
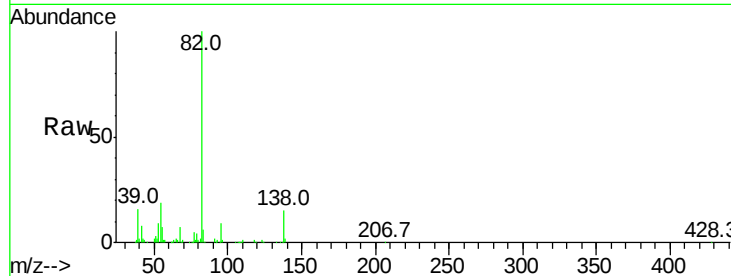
Tot Ion: 82 Resp: 230679

Ion Ratio Lower Upper

82 100

95 9.3 6.2 9.2#

138 15.5 12.1 18.1



#26

2-Nitrophenol

Concen: 45.223 ng

RT: 10.83 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

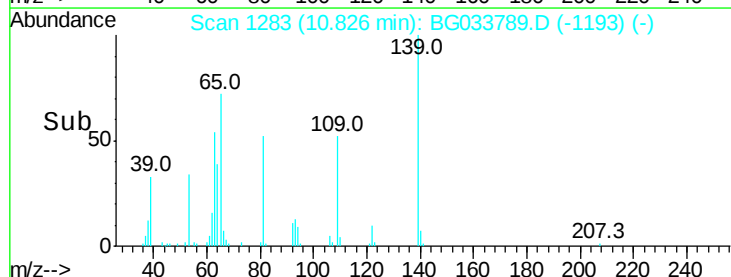
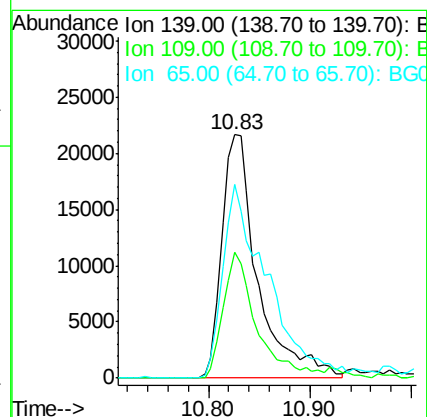
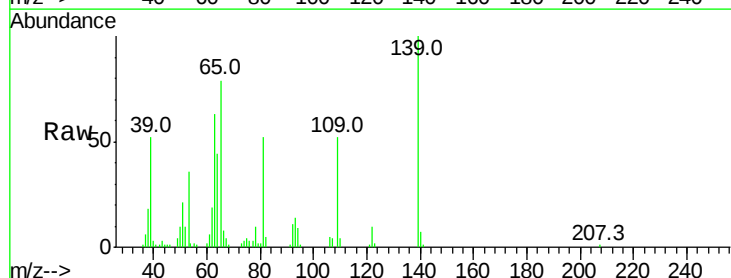
Tgt Ion: 139 Resp: 53314

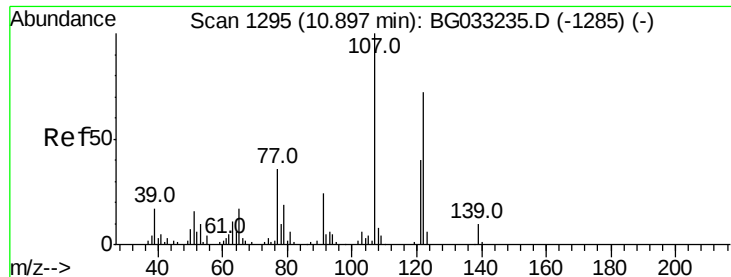
Ion Ratio Lower Upper

139 100

109 51.6 24.2 36.2#

65 79.5 47.4 71.0#

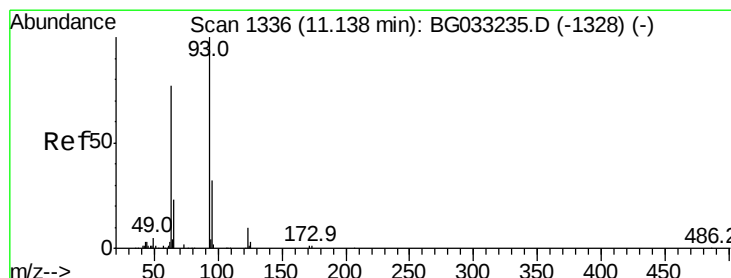
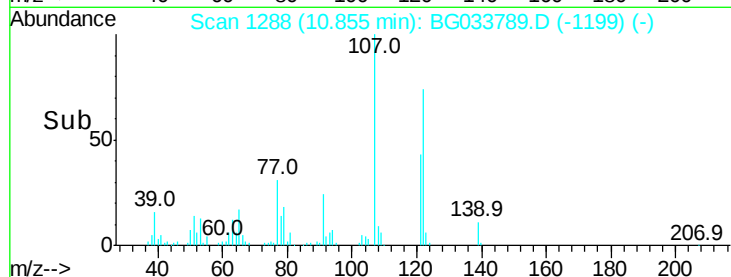
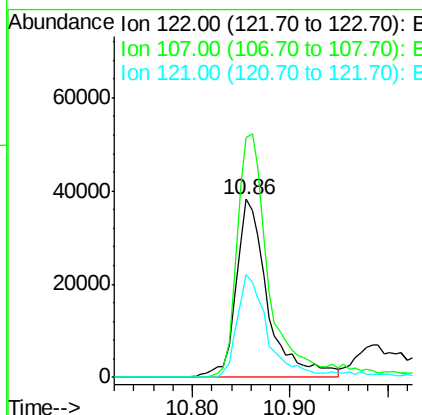
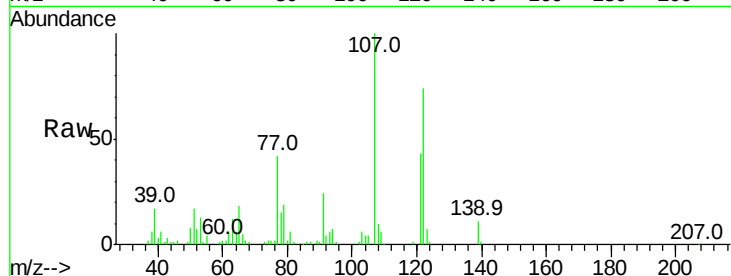




#27
 2,4-Dimethylphenol
 Concen: 50.280 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

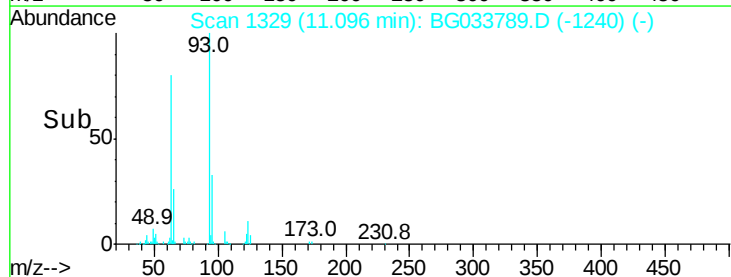
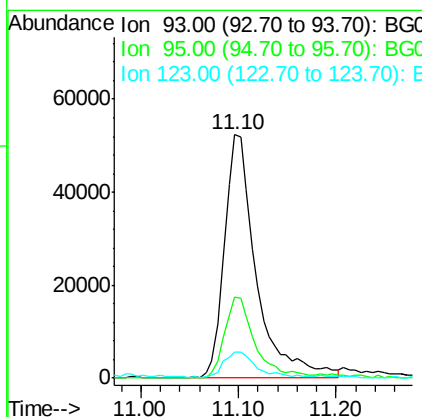
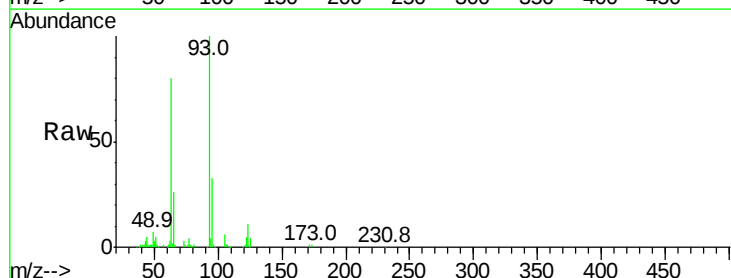
Instrument :
 BNA_G
 ClientSampleId :

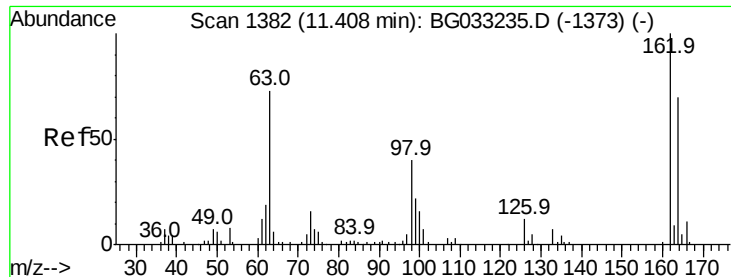
Tot Ion:122 Resp: 86111
 Ion Ratio Lower Upper
 122 100
 107 134.7 100.2 150.2
 121 58.1 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.304 ng
 RT: 11.10 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion: 93 Resp: 119181
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.3 36.5
 123 10.7 8.4 12.6

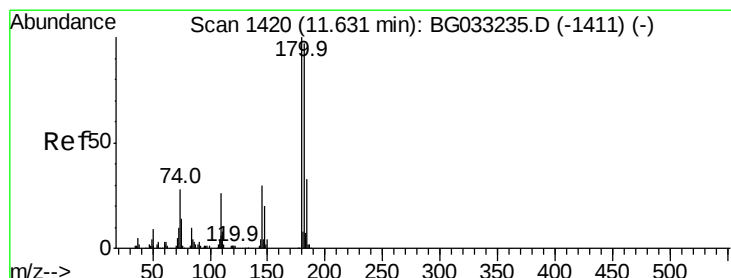
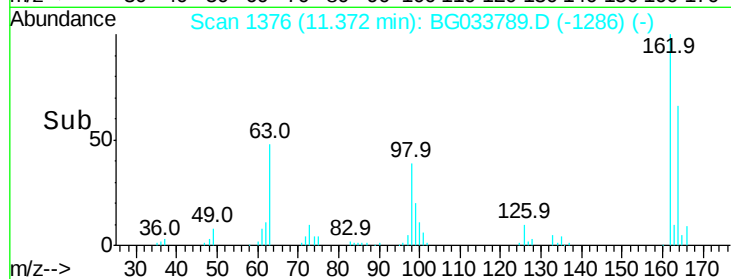
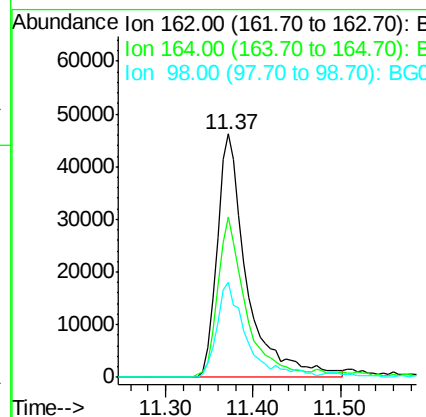
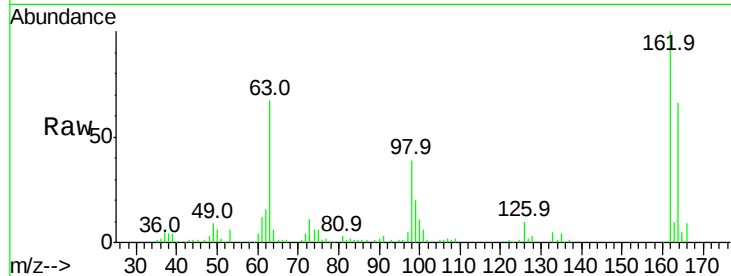




#29
 2,4-Dichlorophenol
 Concen: 51.578 ng
 RT: 11.37 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

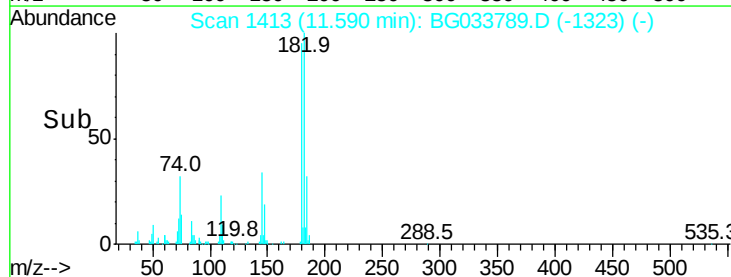
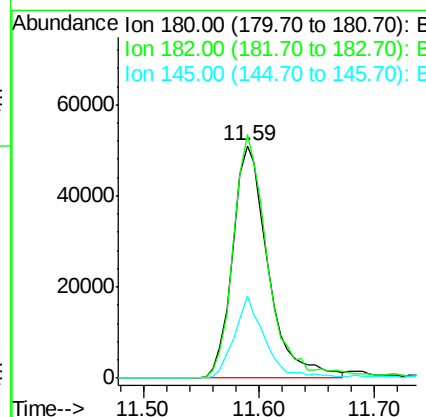
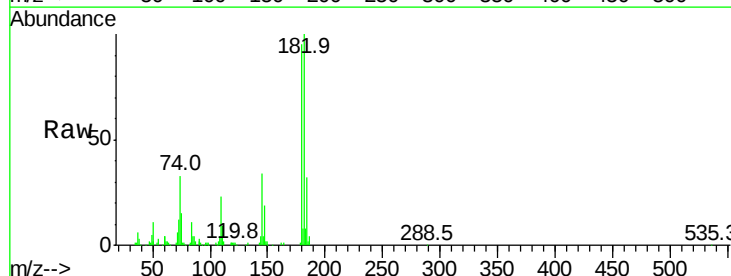
Instrument :
 BNA_G
 ClientSampleId :

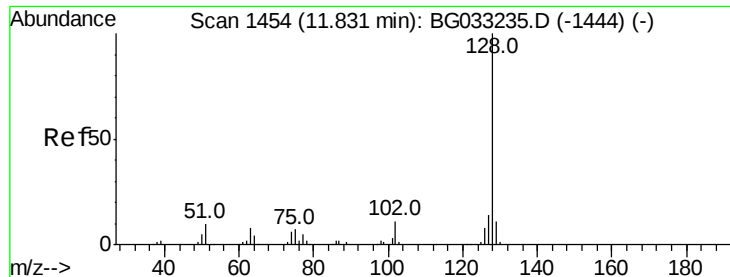
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	48.0	88.0
98	39.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.806 ng
 RT: 11.59 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.9	77.5	116.3
145	35.3	23.4	35.2

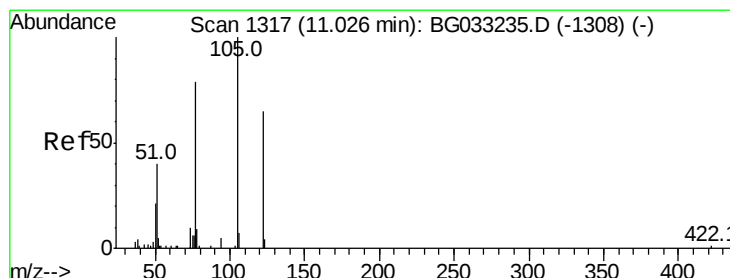
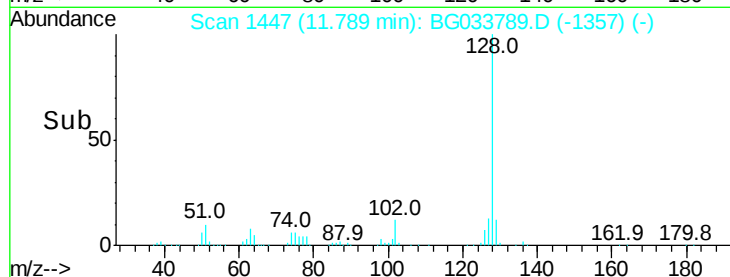
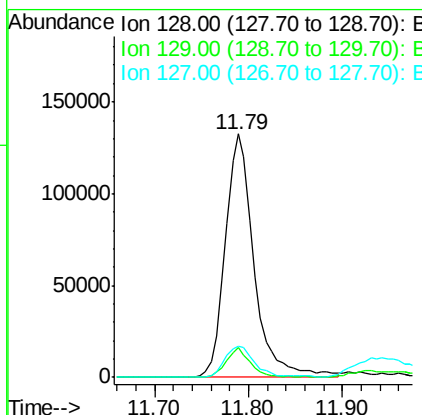
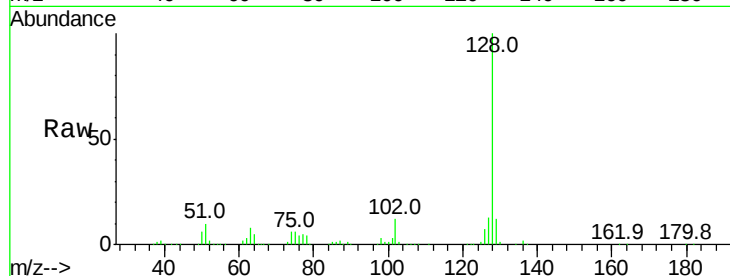




#31
Naphthalene
Concen: 40.751 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

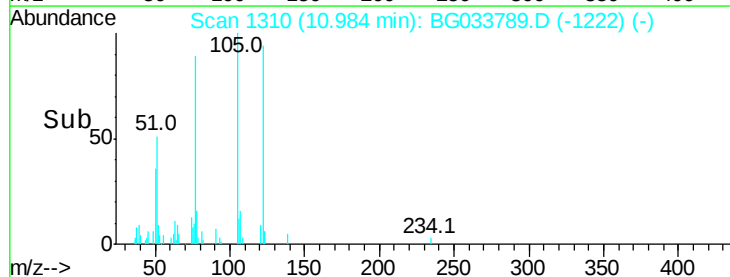
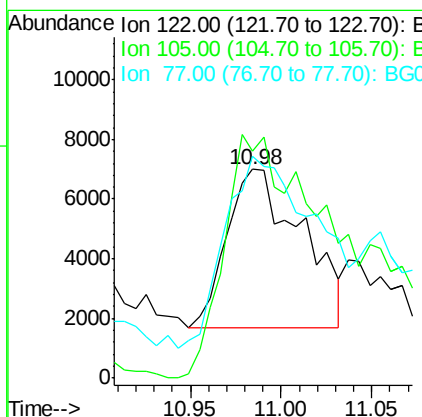
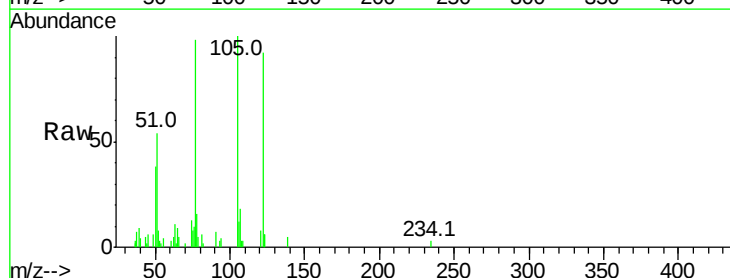
Instrument :
BNA_G
ClientSampleId :

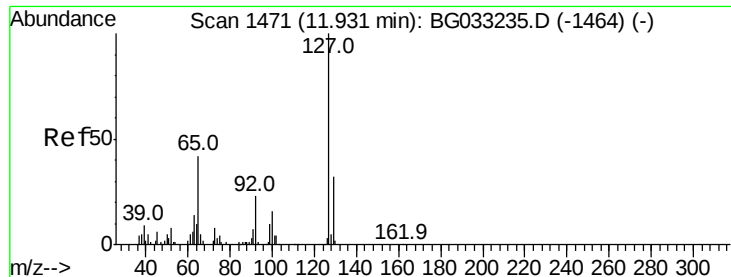
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.6	12.8
127	13.0	11.6	17.4



#32
Benzoic acid
Concen: 9.572 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.7	123.5	163.5#
77	106.3	85.7	125.7

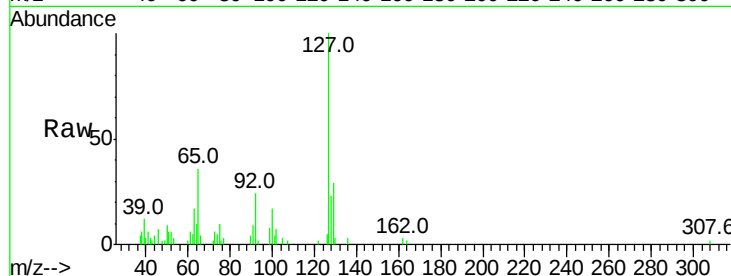




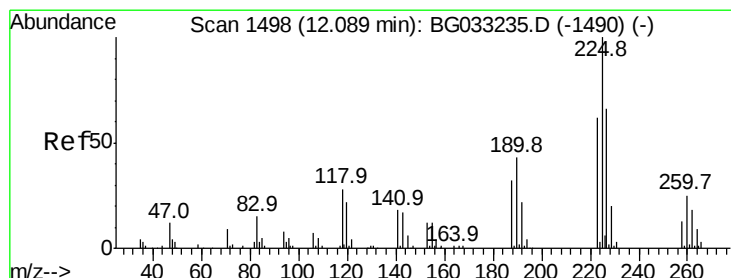
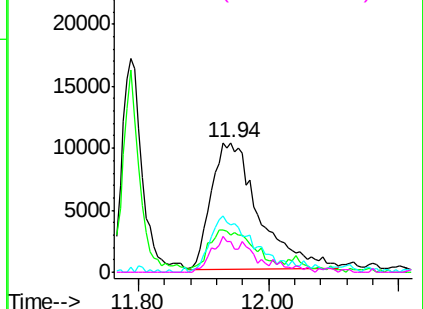
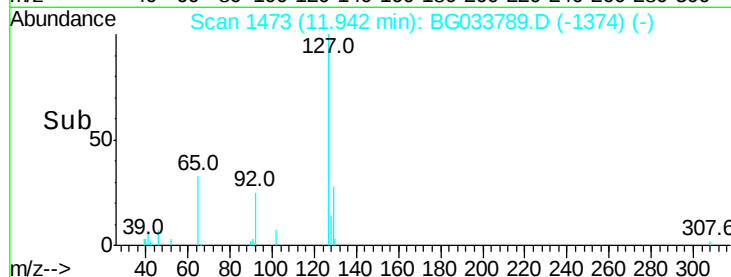
#33
4-Chloroaniline
Concen: 16.665 ng
RT: 11.94 min Scan# 1473
Delta R.T. 0.05 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	51716
Ion	Ratio	Lower	Upper
127	100		
129	28.5	24.0	36.0
65	36.1	27.0	40.4
92	24.0	16.6	25.0

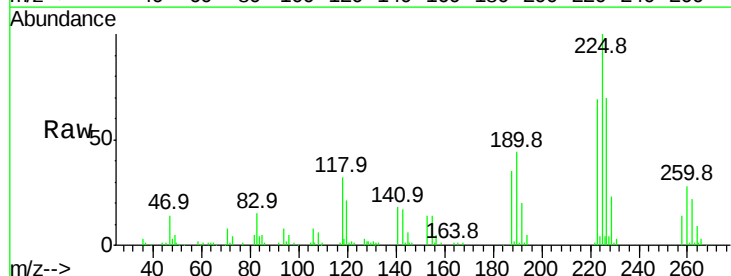


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

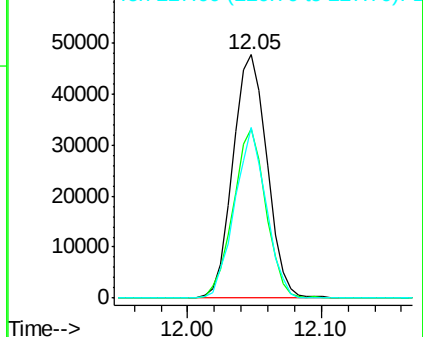
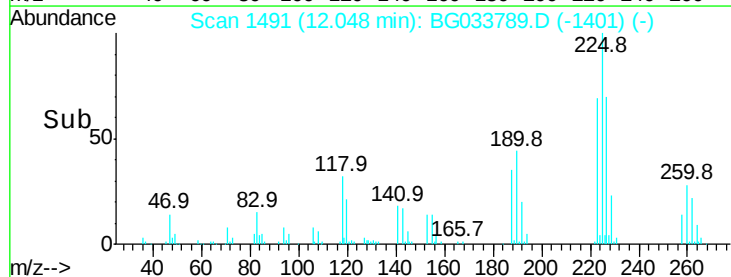


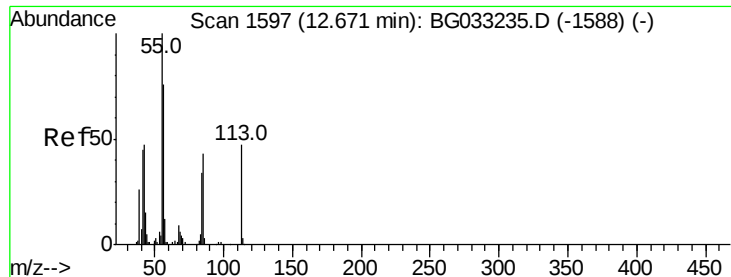
#34
Hexachlorobutadiene
Concen: 40.838 ng
RT: 12.05 min Scan# 1491
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:	225	Resp:	84509
Ion	Ratio	Lower	Upper
225	100		
223	69.5	49.7	74.5
227	70.1	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

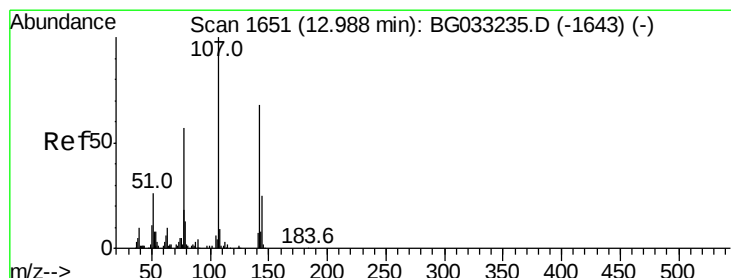
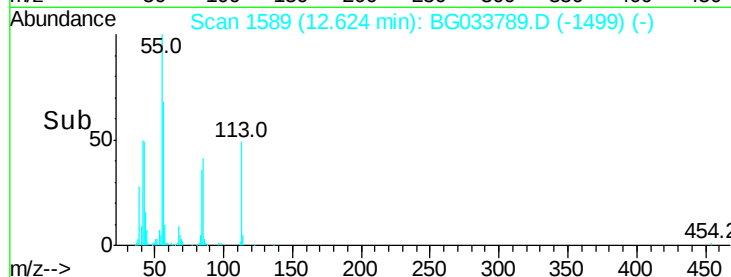
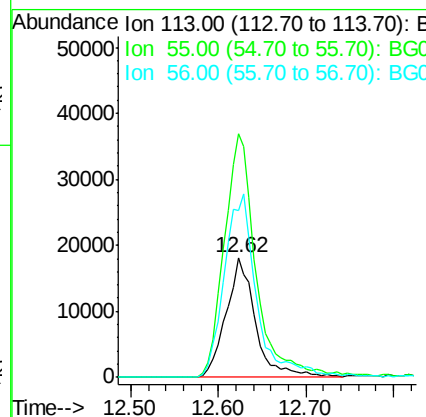
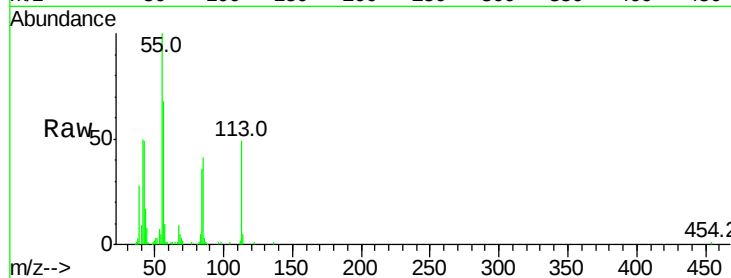




#35
Caprolactam
Concen: 50.993 ng
RT: 12.62 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

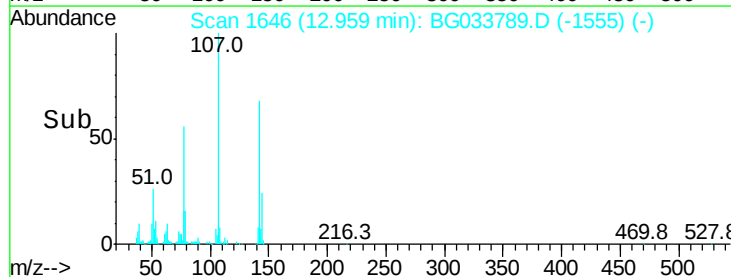
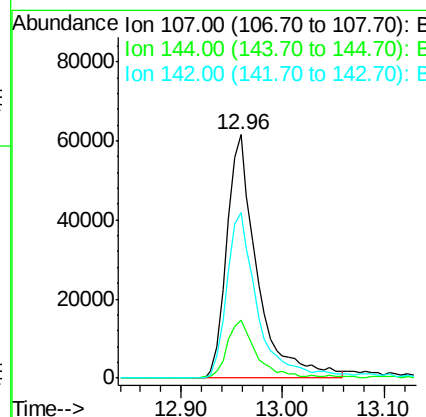
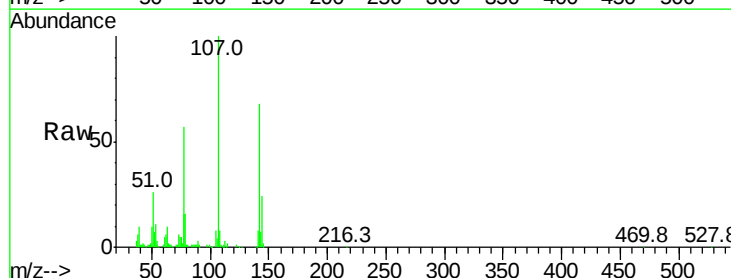
Instrument :
BNA_G
ClientSampled :

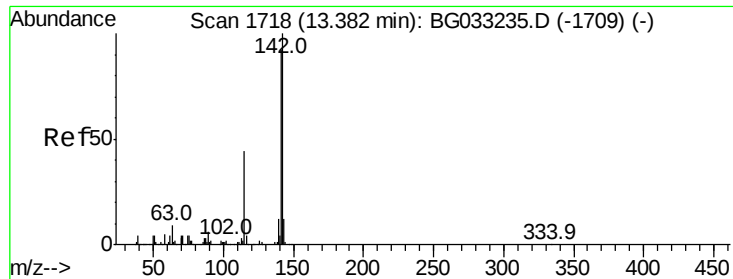
Tot Ion:113 Resp: 42076
Ion Ratio Lower Upper
113 100
55 202.9 186.9 226.9
56 138.5 130.9 170.9



#36
4-Chloro-3-methylphenol
Concen: 46.641 ng
RT: 12.96 min Scan# 1646
Delta R.T. 0.01 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:107 Resp: 128123
Ion Ratio Lower Upper
107 100
144 23.7 18.2 27.4
142 67.9 59.0 88.4





#37

2-Methylnaphthalene

Concen: 38.872 ng

RT: 13.34 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

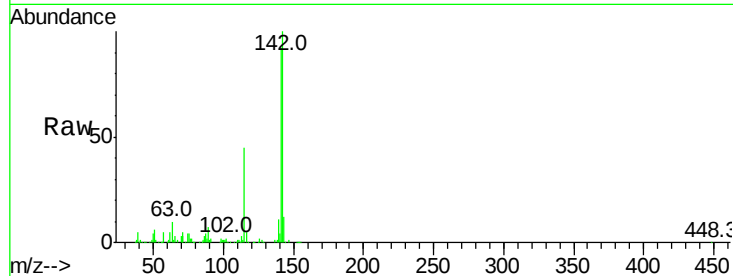
Tot Ion:142 Resp: 208976

Ion Ratio Lower Upper

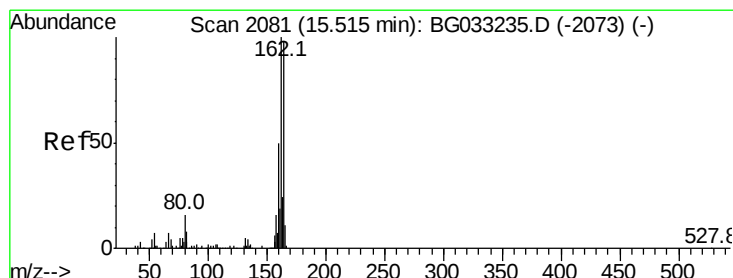
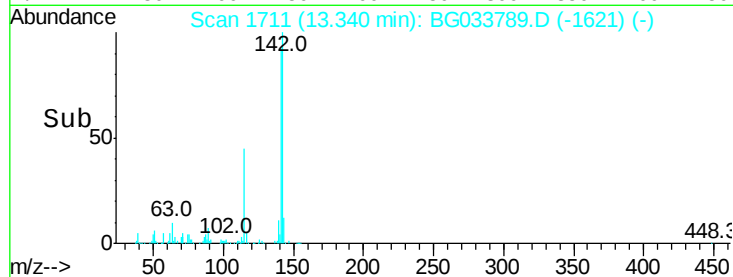
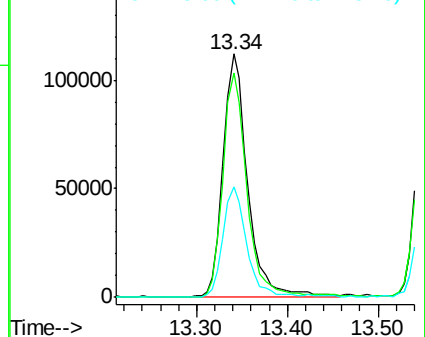
142 100

141 92.1 67.1 100.7

115 45.4 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: 15.47 min Scan# 2074

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

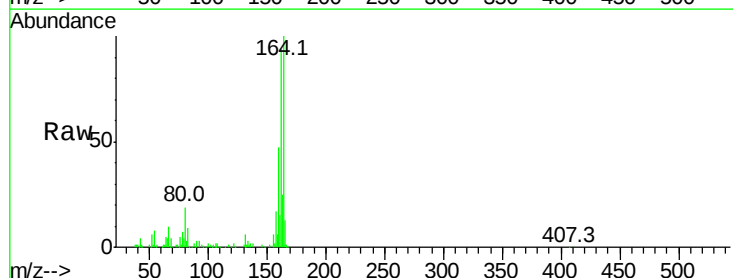
Tgt Ion:164 Resp: 106306

Ion Ratio Lower Upper

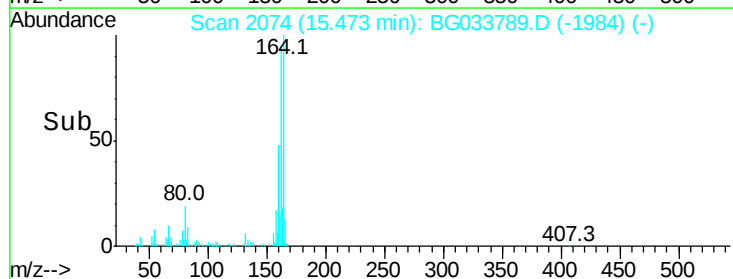
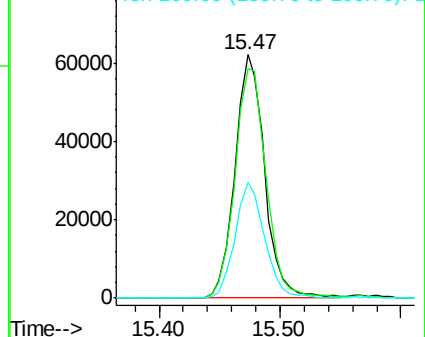
164 100

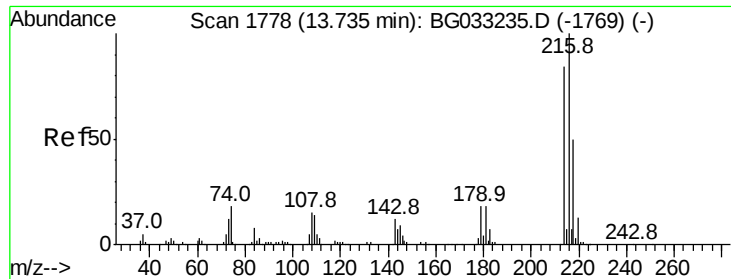
162 94.4 78.8 118.2

160 47.3 35.4 53.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.045 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 146498

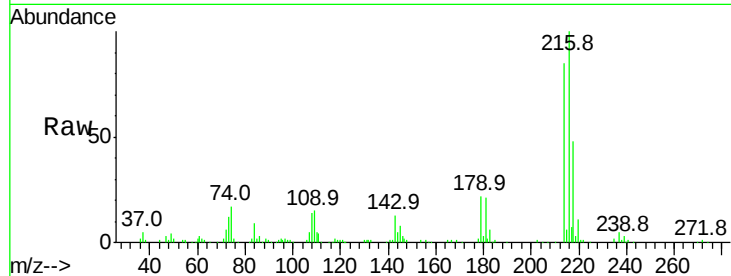
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 20.9 17.0 25.6

108 18.4 12.8 19.2

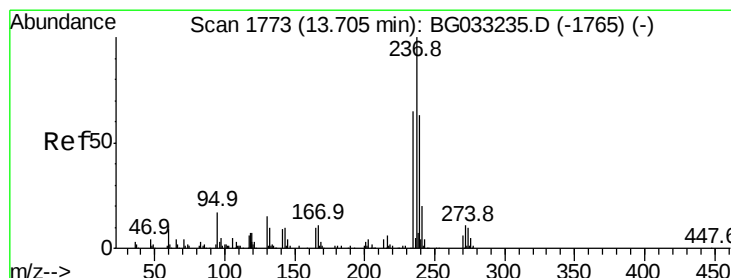
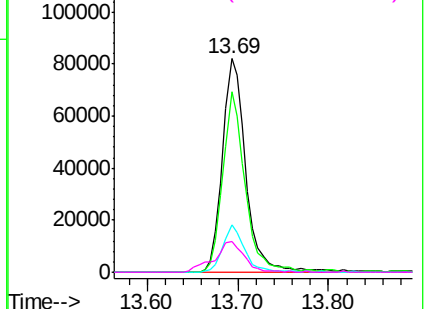
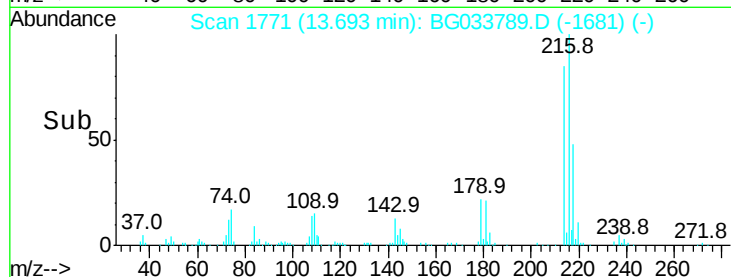


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.993 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

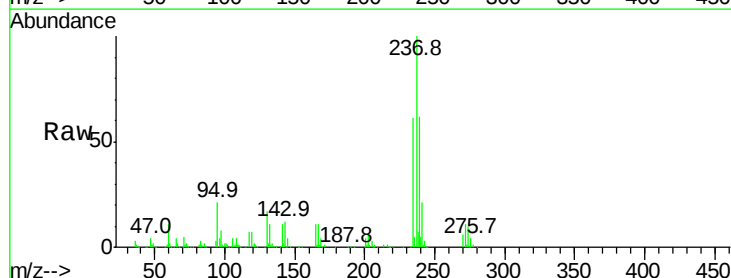
Tgt Ion:237 Resp: 173802

Ion Ratio Lower Upper

237 100

235 60.7 50.4 90.4

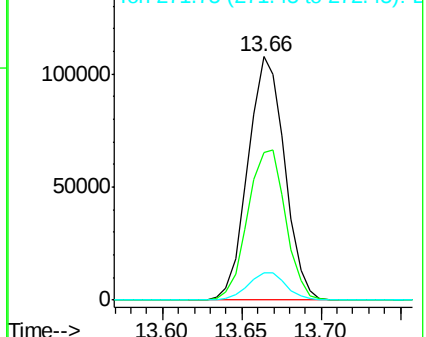
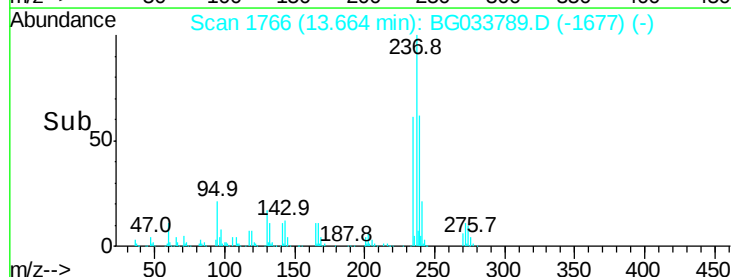
272 11.3 0.0 31.8

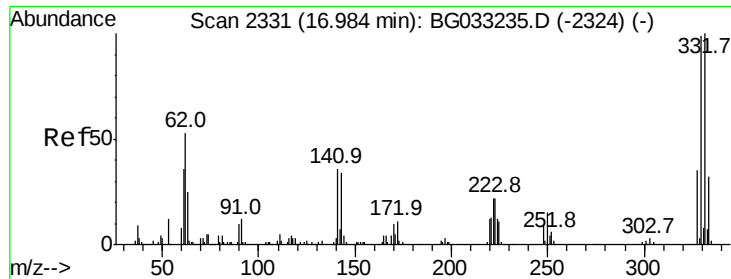


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

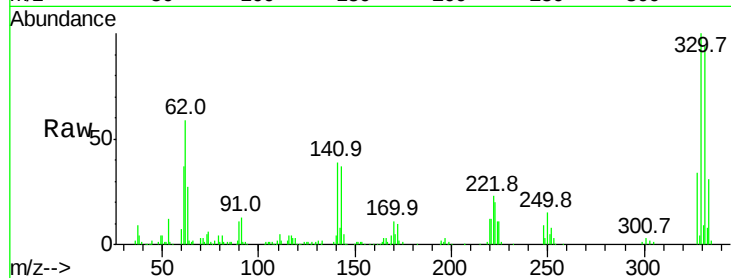




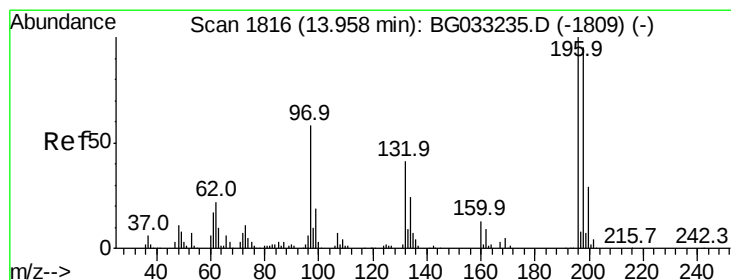
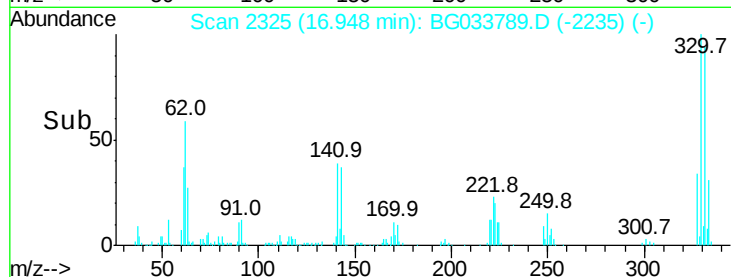
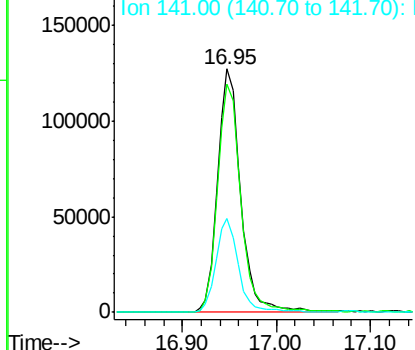
#41
 2,4,6-Tribromophenol
 Concen: 138.087 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 219549
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 37.7 25.2 37.8

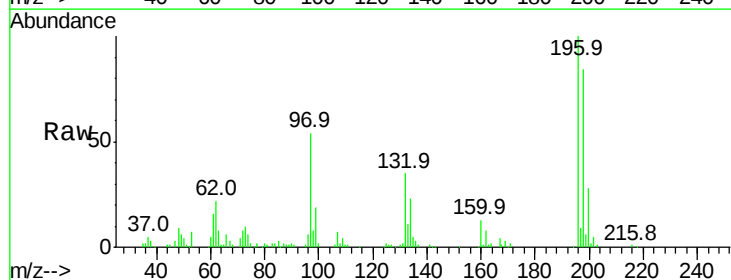


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

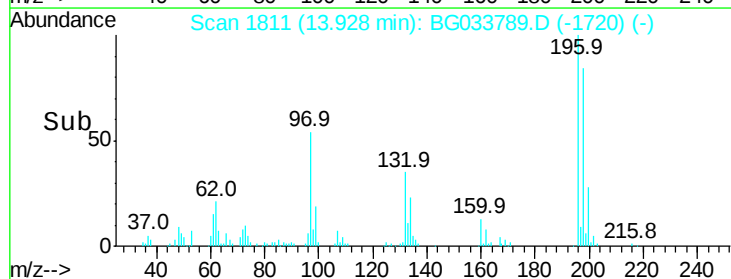
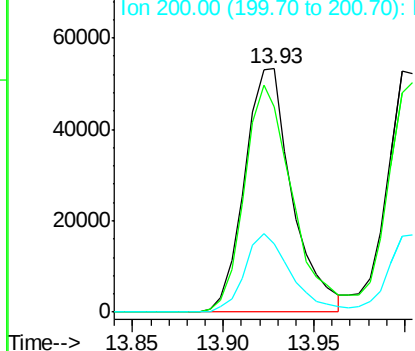


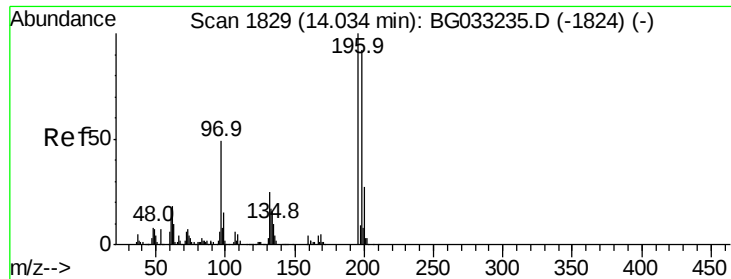
#42
 2,4,6-Trichlorophenol
 Concen: 43.470 ng
 RT: 13.93 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion:196 Resp: 97254
 Ion Ratio Lower Upper
 196 100
 198 84.4 78.2 117.2
 200 28.2 24.6 36.8



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

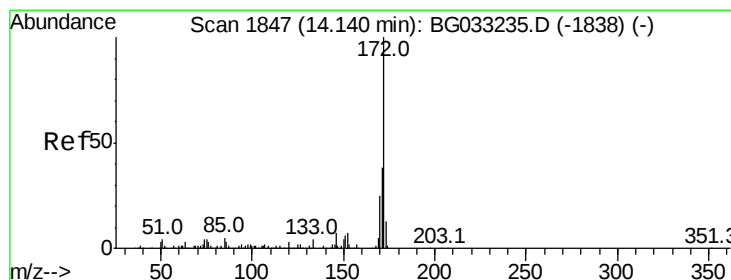
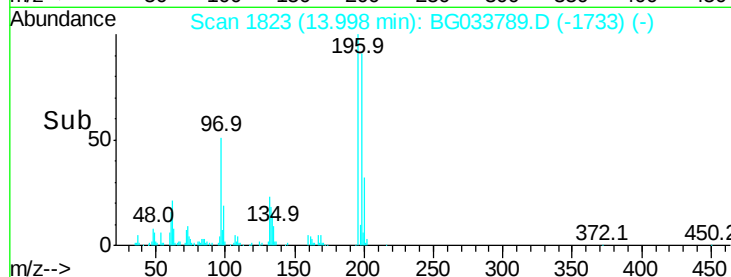
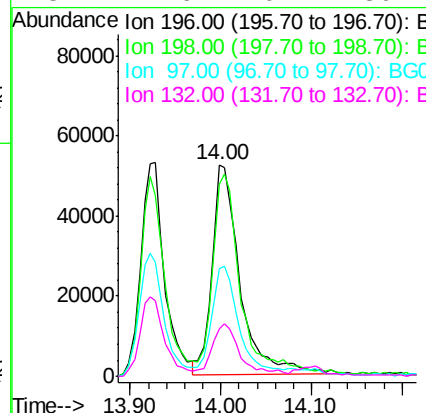
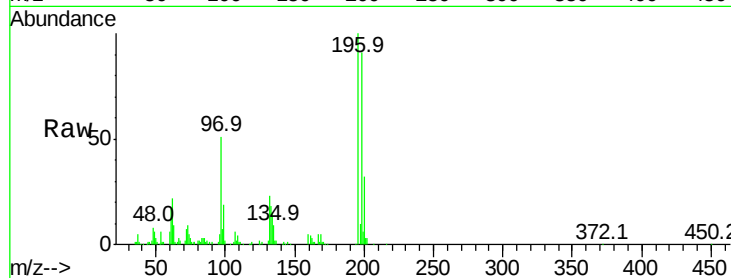




#43
 2,4,5-Trichlorophenol
 Concen: 42.936 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

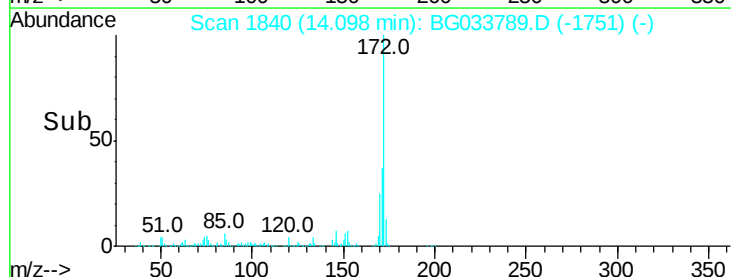
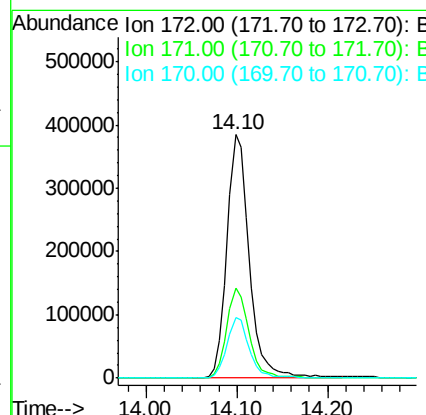
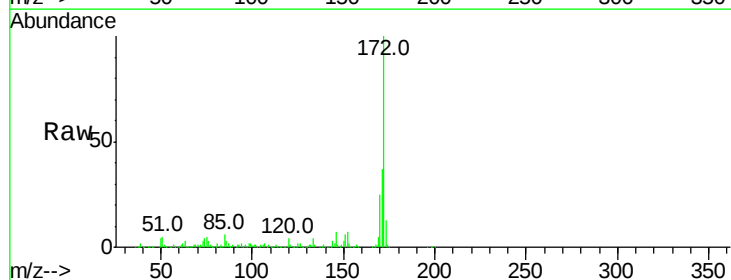
Instrument :
 BNA_G
 ClientSampleId :

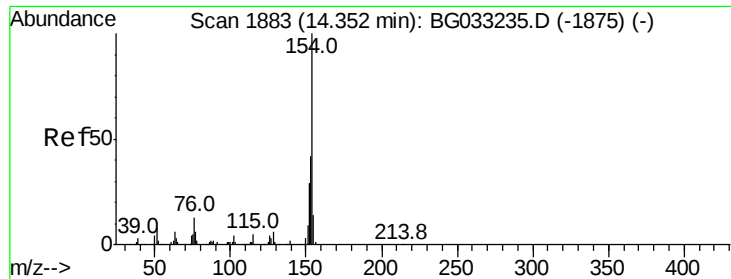
Tot Ion:196 Resp: 113541
 Ion Ratio Lower Upper
 196 100
 198 90.8 76.2 114.4
 97 50.9 38.7 58.1
 132 22.6 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 89.406 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion:172 Resp: 658365
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.0 45.0
 170 25.0 19.5 29.3

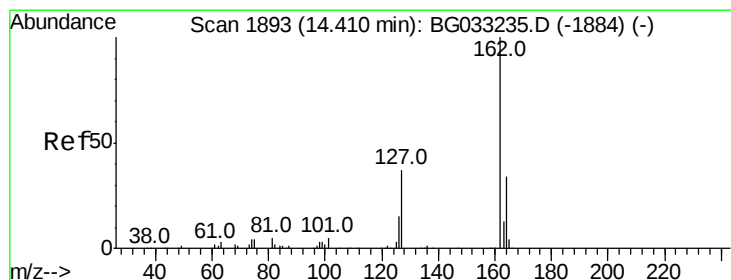
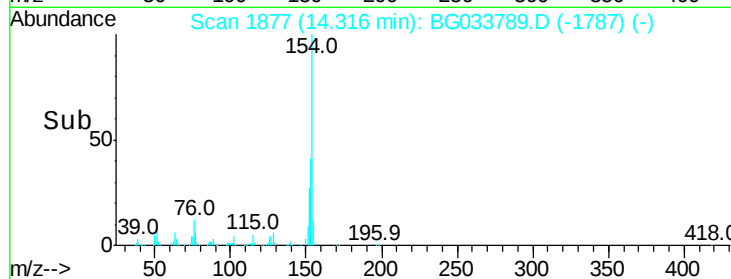
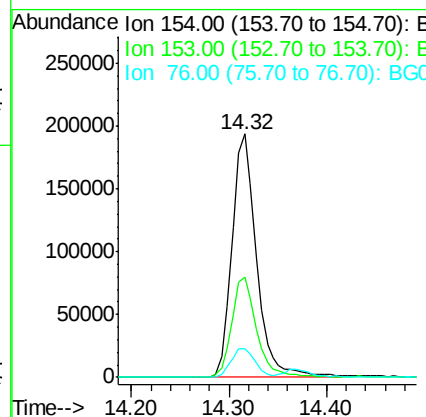
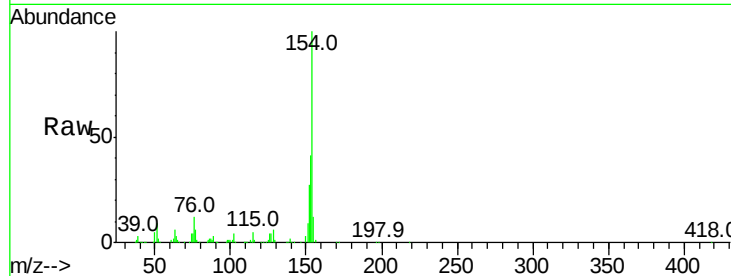




#45
 1,1'-Biphenyl
 Concen: 41.353 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

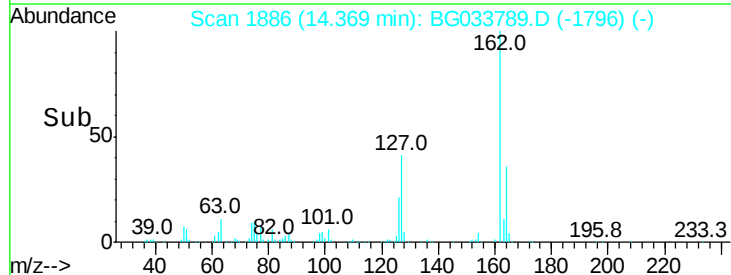
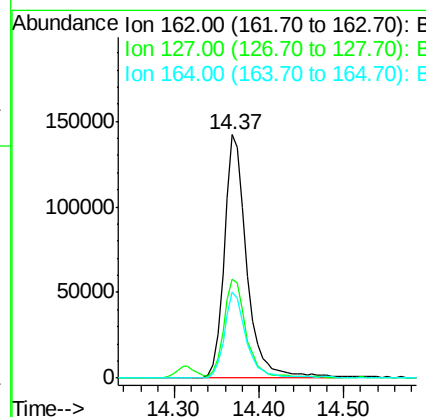
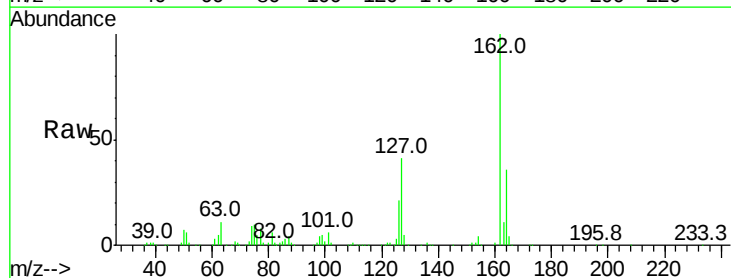
Instrument :
 BNA_G
 ClientSampled :

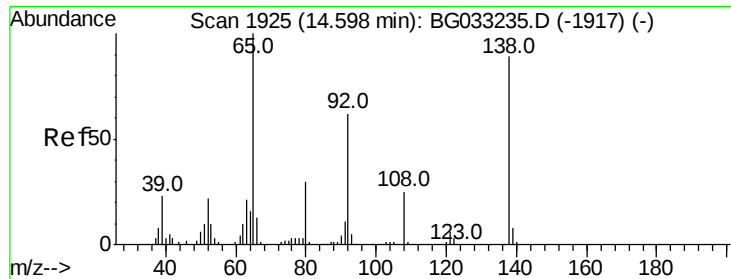
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	11.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.911 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	35.6	26.0	39.0

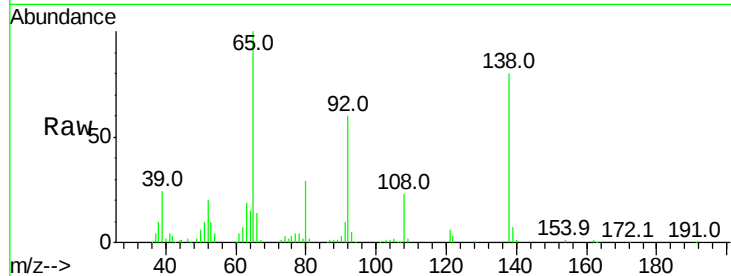




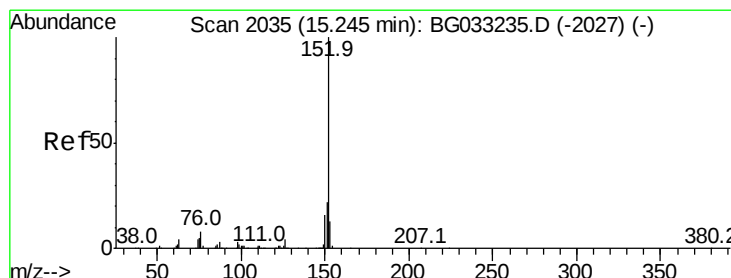
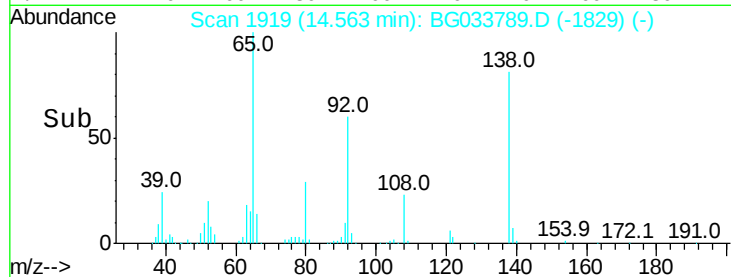
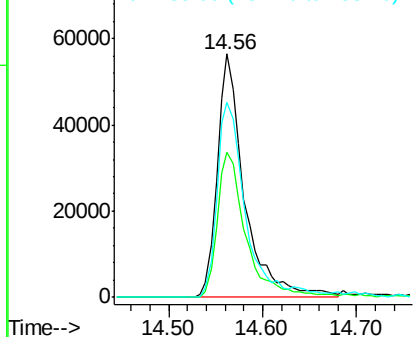
#47
2-Nitroaniline
Concen: 48.181 ng
RT: 14.56 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 65 Resp: 113644
Ion Ratio Lower Upper
65 100
92 59.7 54.6 82.0
138 80.3 72.9 109.3

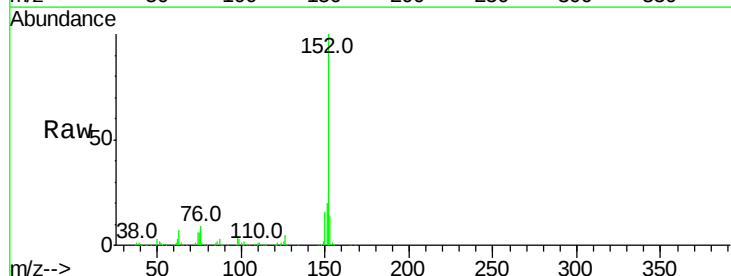


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

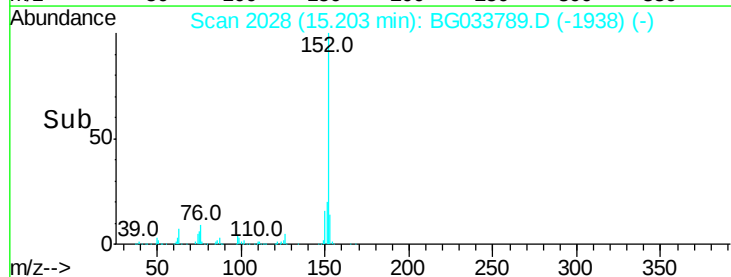
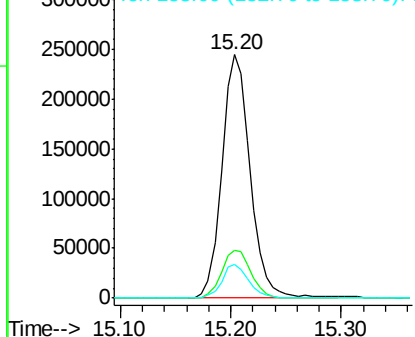


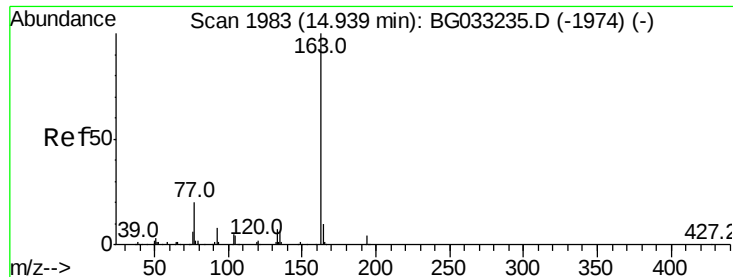
#48
Acenaphthylene
Concen: 41.399 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion: 152 Resp: 435163
Ion Ratio Lower Upper
152 100
151 19.9 17.2 25.8
153 14.0 10.2 15.4



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





#49

Dimethylphthalate

Concen: 42.032 ng

RT: 14.90 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

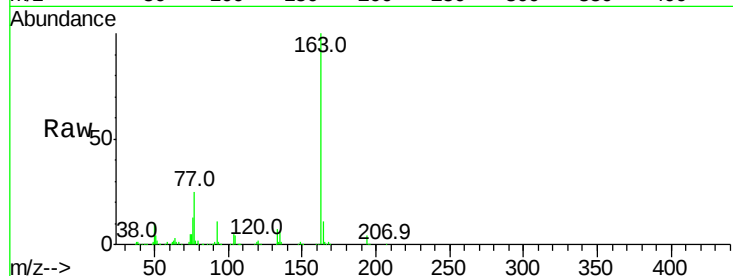
Tot Ion:163 Resp: 388862

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

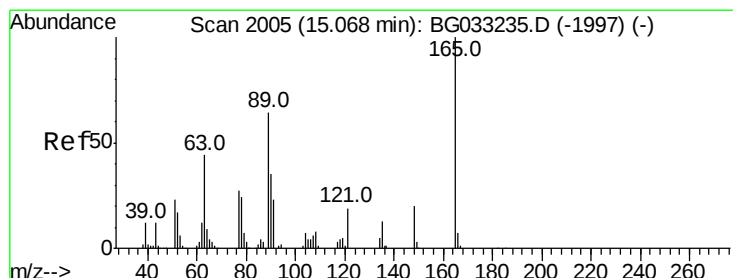
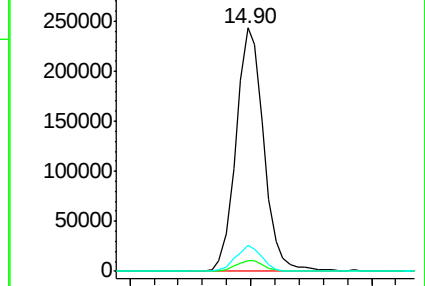
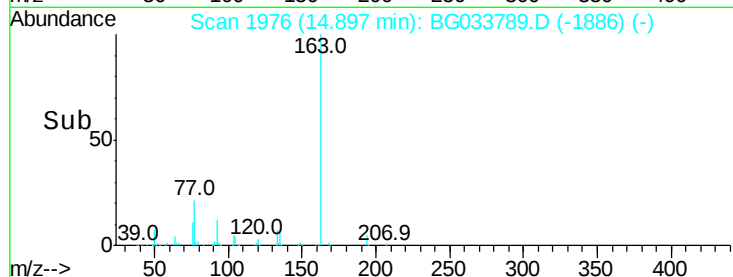
164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.209 ng

RT: 15.03 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

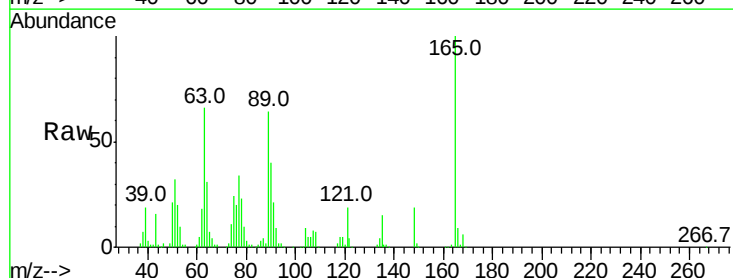
Tgt Ion:165 Resp: 87413

Ion Ratio Lower Upper

165 100

63 65.8 52.7 79.1

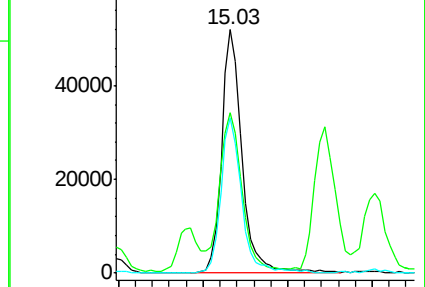
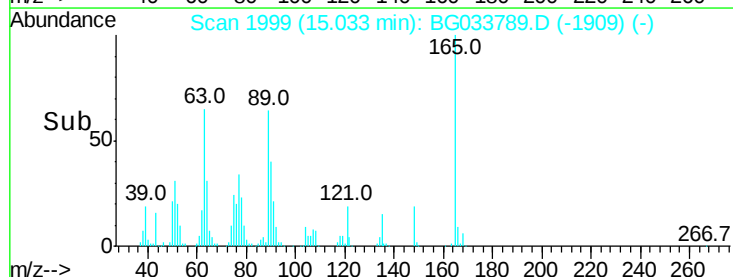
89 64.0 49.2 73.8

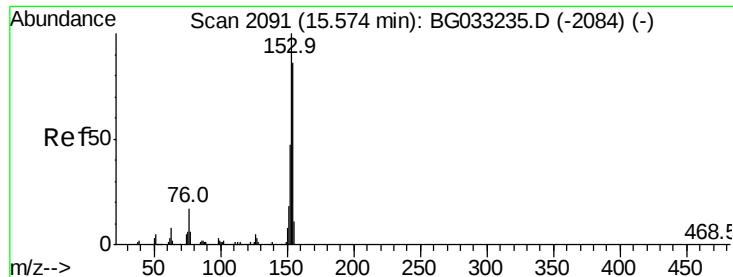


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.462 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

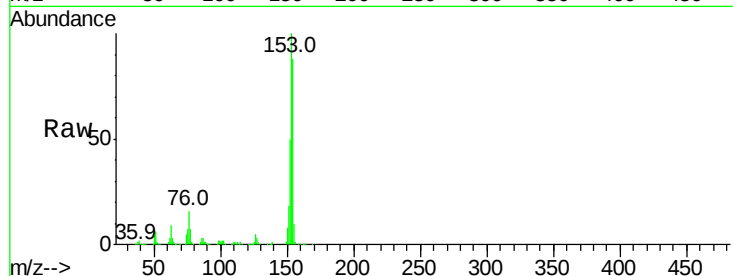
Tot Ion:154 Resp: 321608

Ion Ratio Lower Upper

154 100

153 113.2 90.4 135.6

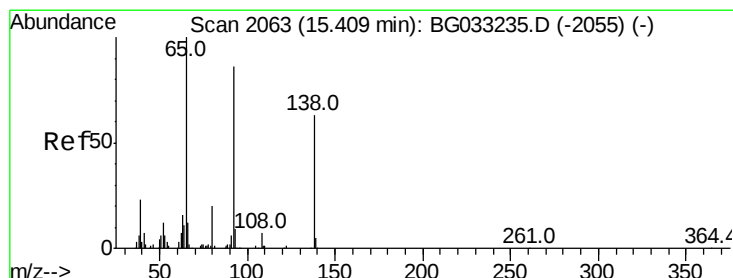
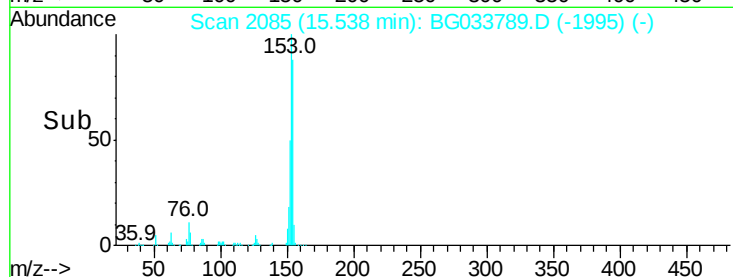
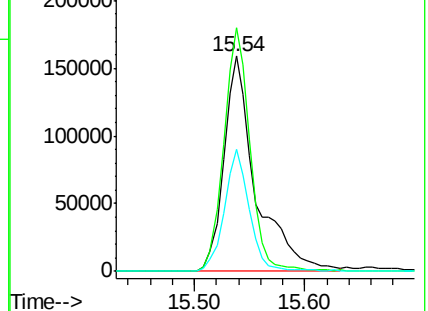
152 56.7 41.6 62.4



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: 29.476 ng

RT: 15.38 min Scan# 2058

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

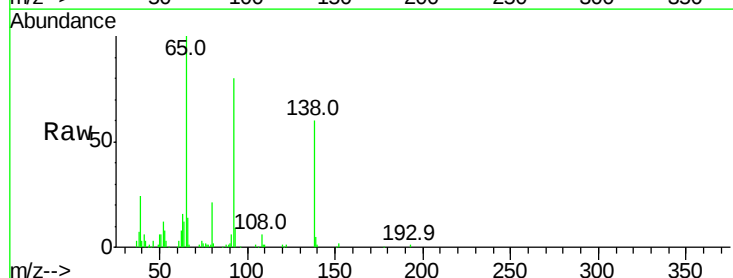
Tgt Ion:138 Resp: 58457

Ion Ratio Lower Upper

138 100

108 10.1 17.5 26.3#

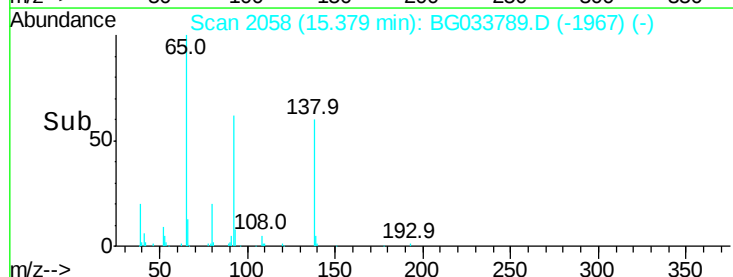
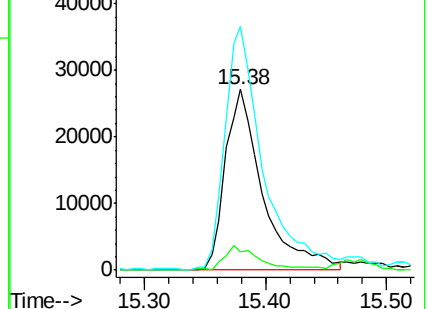
92 134.7 105.8 158.8

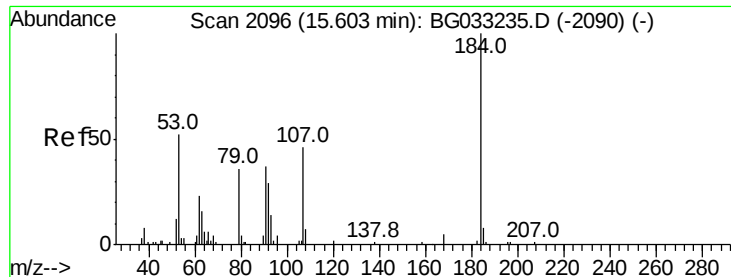


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

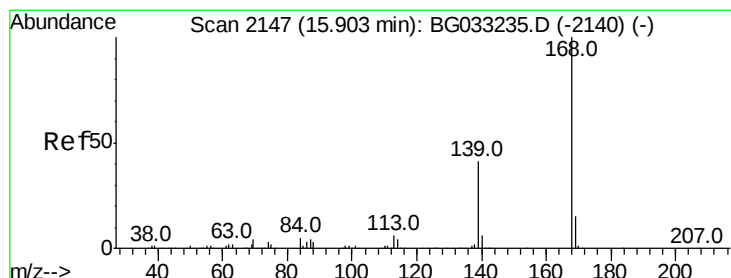
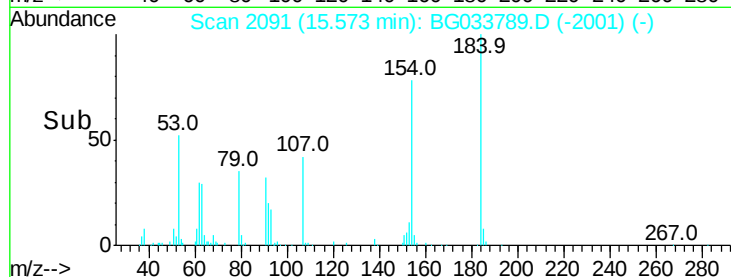
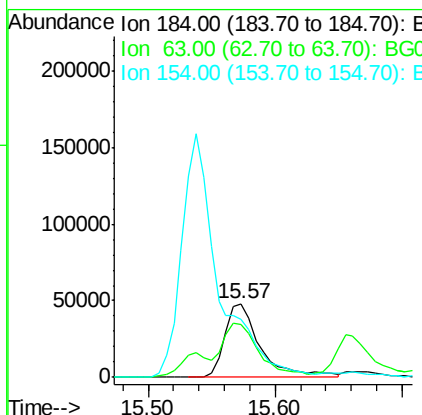
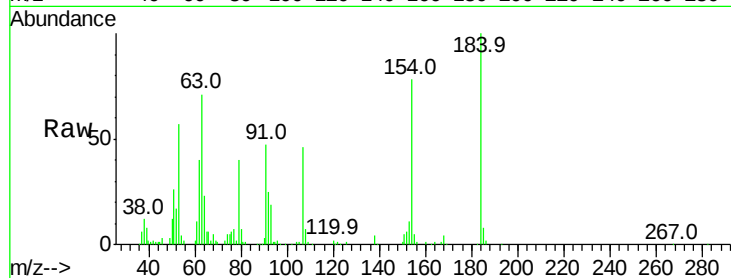




#53
2,4-Dinitrophenol
Concen: 93.367 ng
RT: 15.57 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

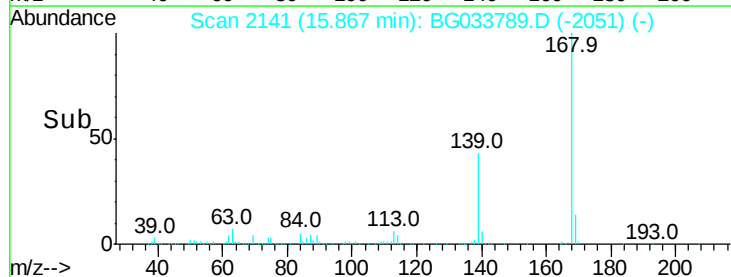
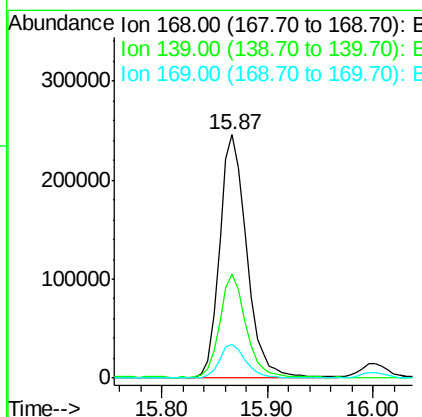
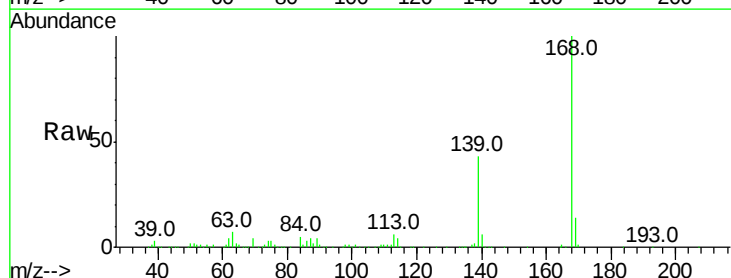
Instrument :
BNA_G
ClientSampled :

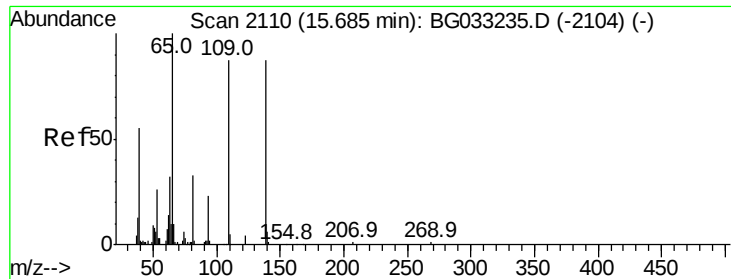
Tot Ion:184 Resp: 92847
Ion Ratio Lower Upper
184 100
63 70.9 59.8 89.8
154 78.0 101.8 152.8#



#54
Dibenzofuran
Concen: 44.122 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:168 Resp: 441624
Ion Ratio Lower Upper
168 100
139 42.9 28.6 43.0
169 13.8 11.2 16.8

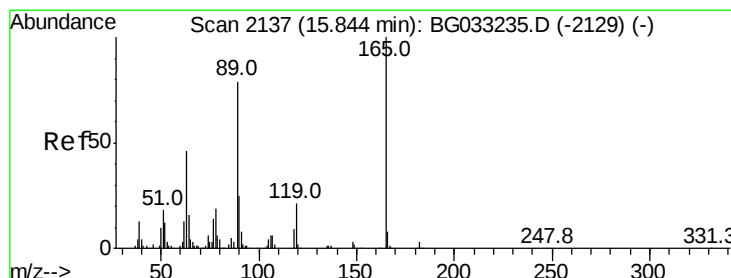
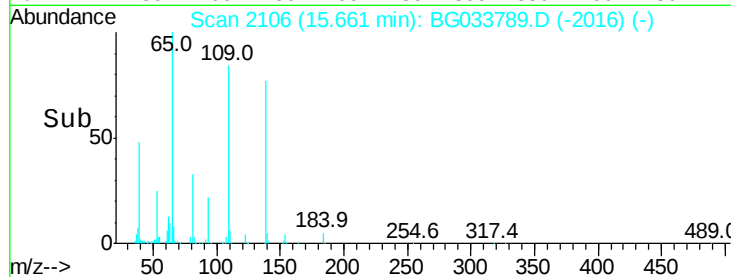
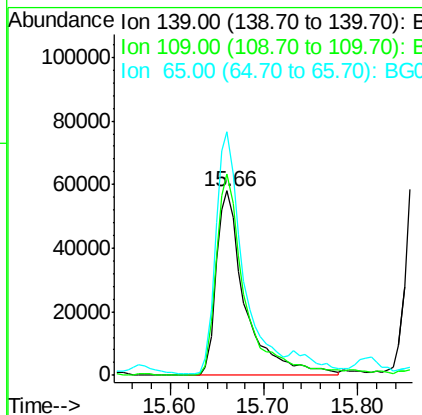
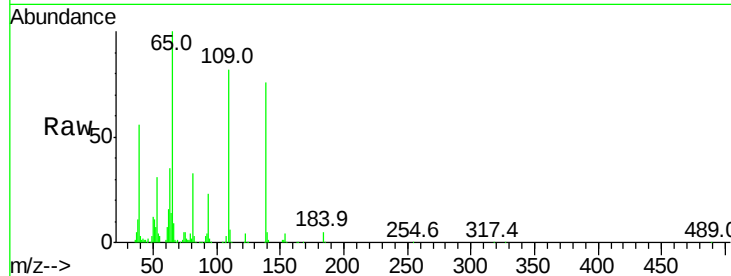




#55
4-Nitrophenol
Concen: 89.783 ng
RT: 15.66 min Scan# 2106
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

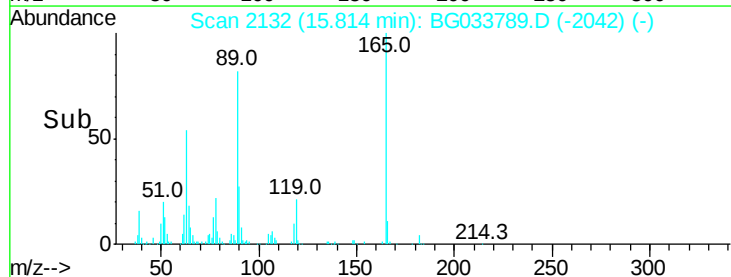
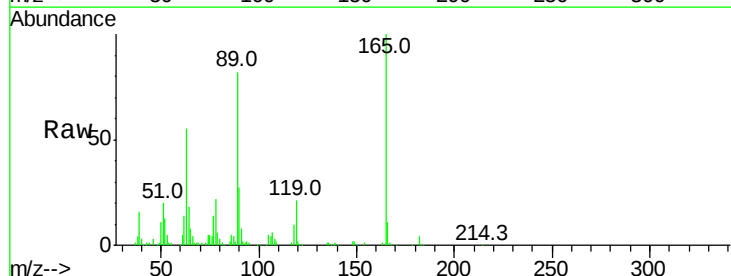
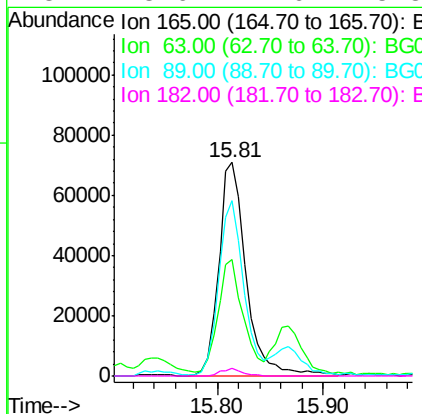
Instrument :
BNA_G
ClientSampled :

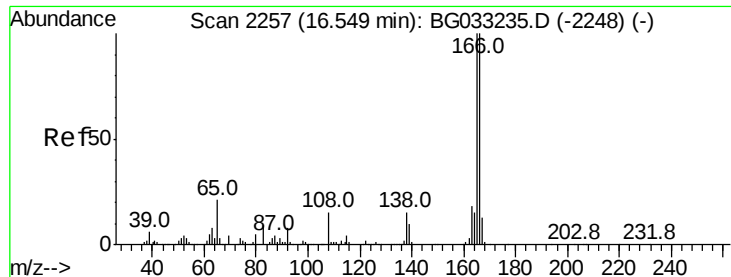
Tot Ion:139 Resp: 125208
Ion Ratio Lower Upper
139 100
109 109.0 62.2 102.2#
65 132.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 45.907 ng
RT: 15.81 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:165 Resp: 127864
Ion Ratio Lower Upper
165 100
63 54.5 42.0 63.0
89 82.0 66.9 100.3
182 3.6 2.6 3.8





#57

Fluorene

Concen: 40.933 ng

RT: 16.51 min Scan# 2250

Delta R.T. -0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

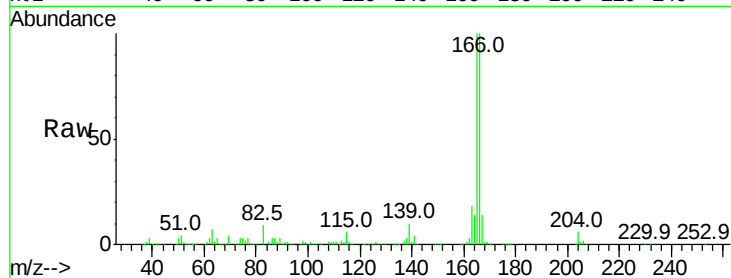
Tot Ion:166 Resp: 349041

Ion Ratio Lower Upper

166 100

165 100.4 80.6 121.0

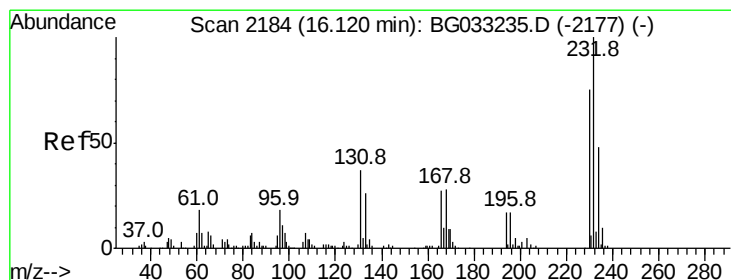
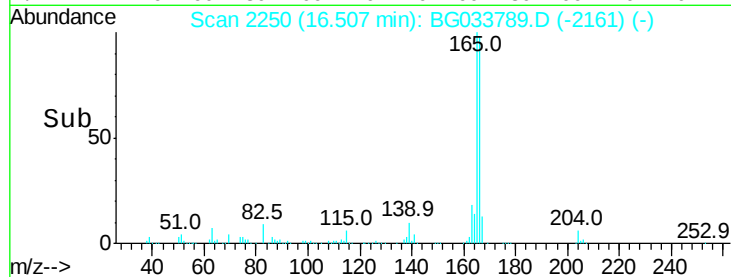
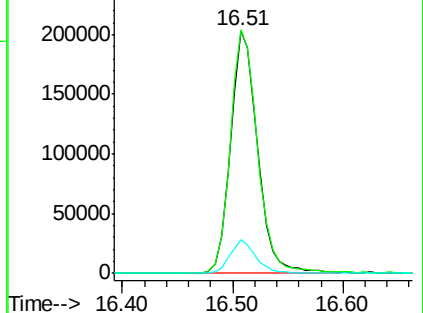
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.459 ng

RT: 16.08 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Tgt Ion:232 Resp: 113171

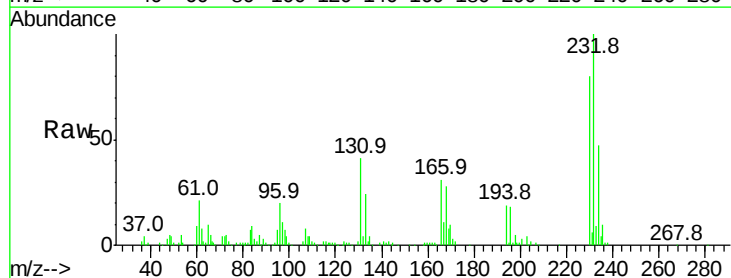
Ion Ratio Lower Upper

232 100

131 41.9 33.5 50.3

130 1.8 2.2 3.2#

166 28.9 24.8 37.2

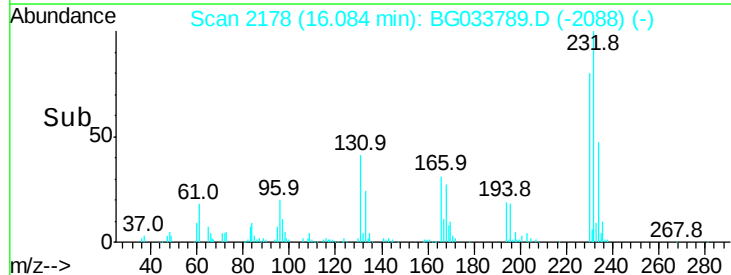
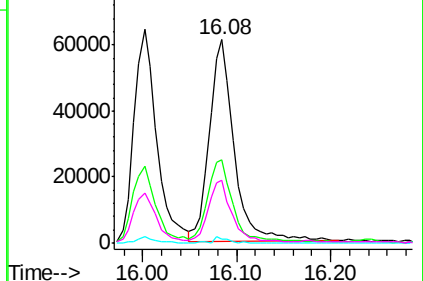


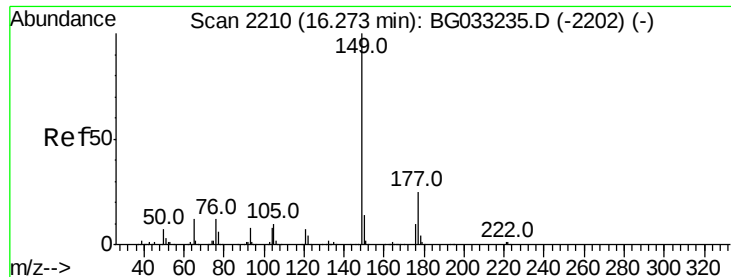
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

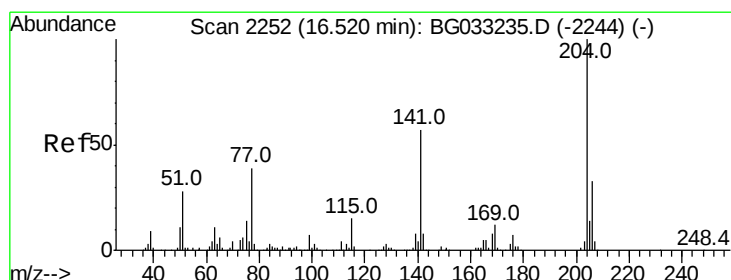
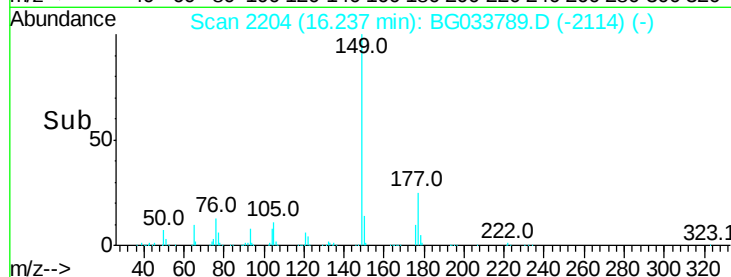
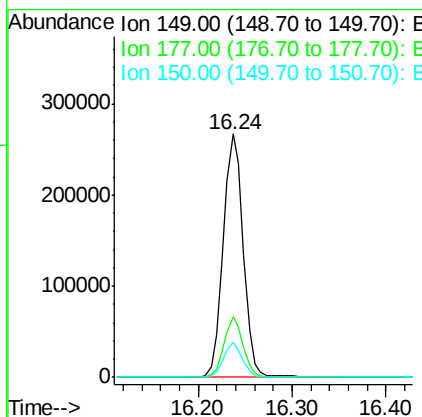
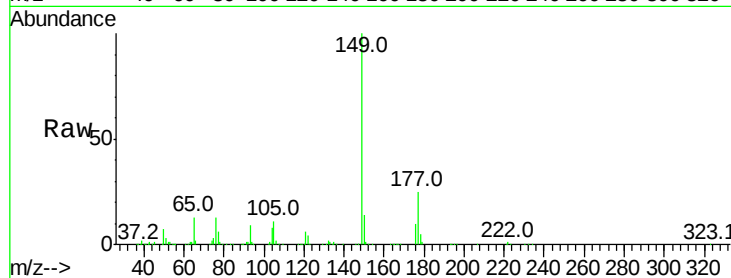




#59
Diethylphthalate
Concen: 44.036 ng
RT: 16.24 min Scan# 2204
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

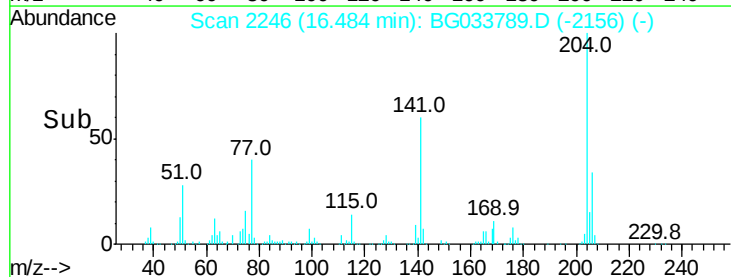
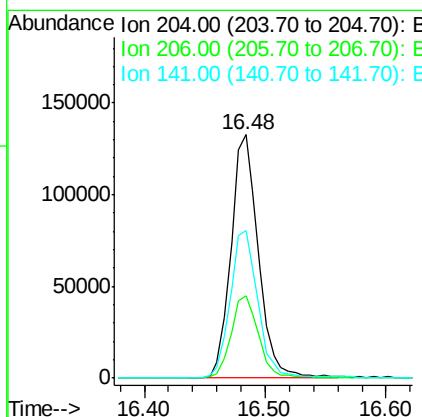
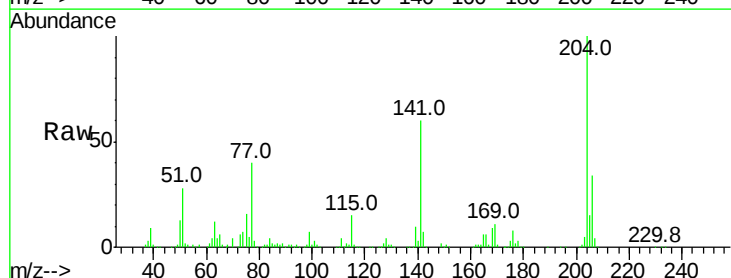
Instrument :
BNA_G
ClientSampleId :

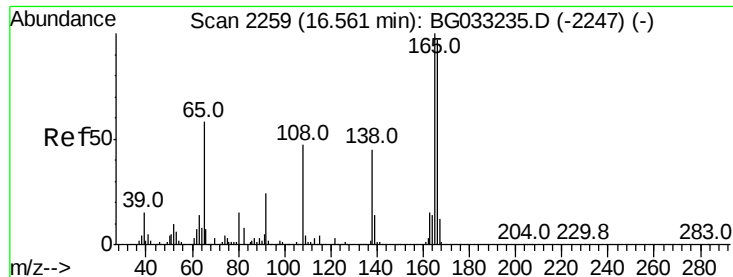
Tot Ion:149 Resp: 395598
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 14.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.913 ng
RT: 16.48 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:204 Resp: 210349
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 60.4 45.8 68.6





#61

4-Nitroaniline

Concen: 29.722 ng

RT: 16.52 min Scan# 2253

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

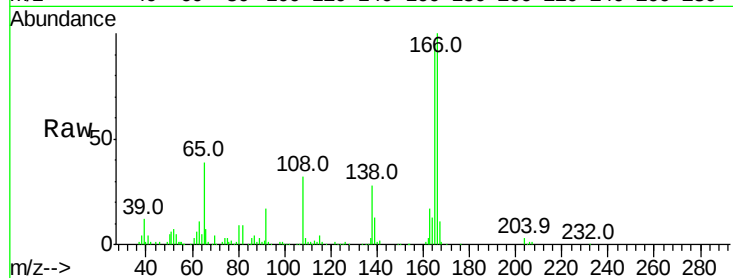
Tot Ion:138 Resp: 59693

Ion Ratio Lower Upper

138 100

92 60.9 40.1 80.1

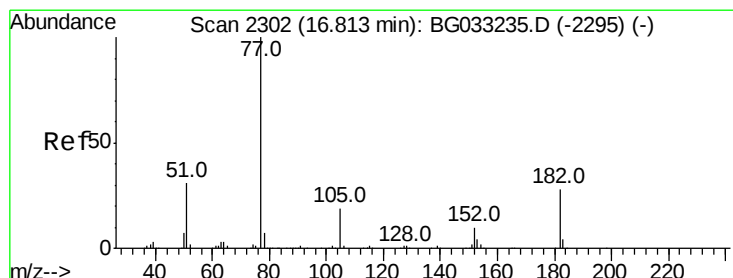
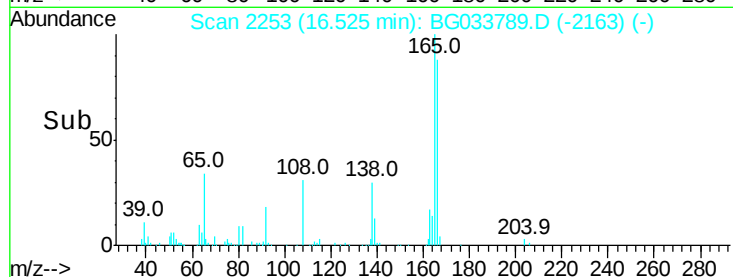
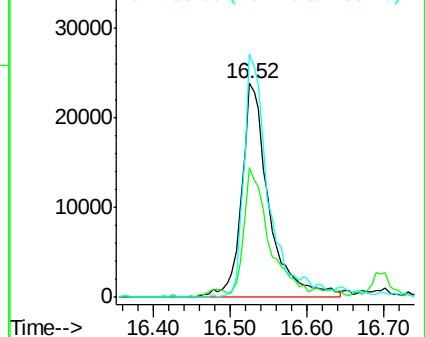
108 113.9 65.4 105.4#



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: 45.244 ng

RT: 16.78 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Tgt Ion: 77 Resp: 393723

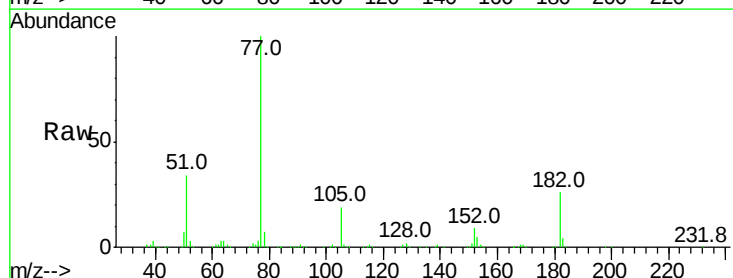
Ion Ratio Lower Upper

77 100

182 26.2 7.4 47.4

105 18.6 0.3 40.3

51 33.9 11.6 51.6

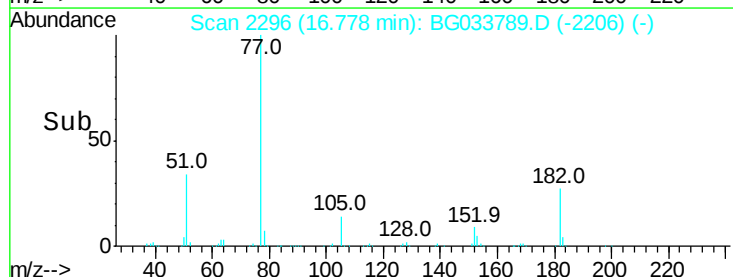
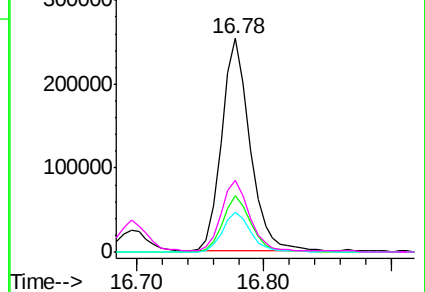


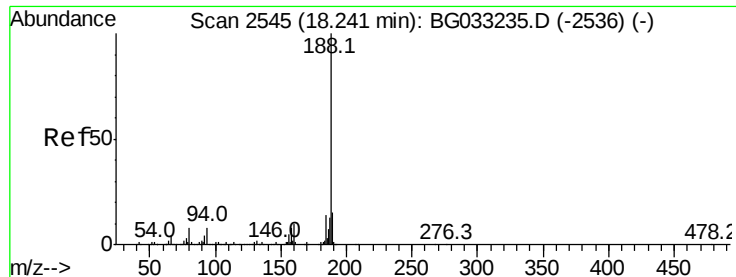
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

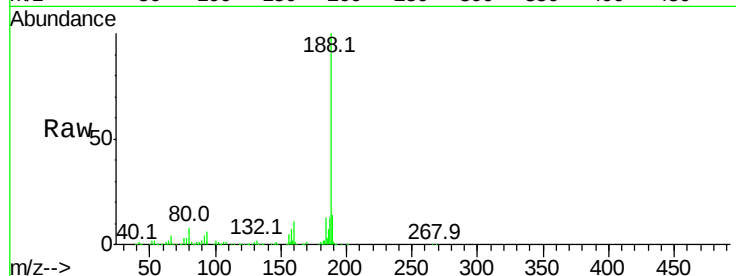
Tot Ion:188 Resp: 291255

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

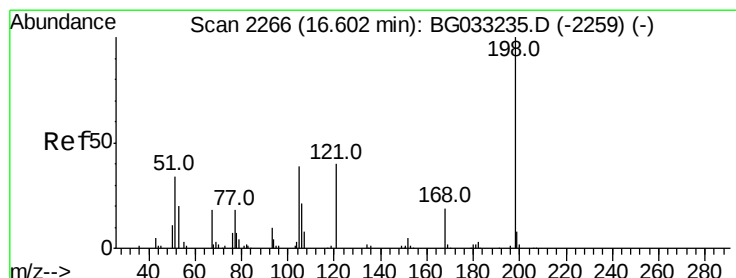
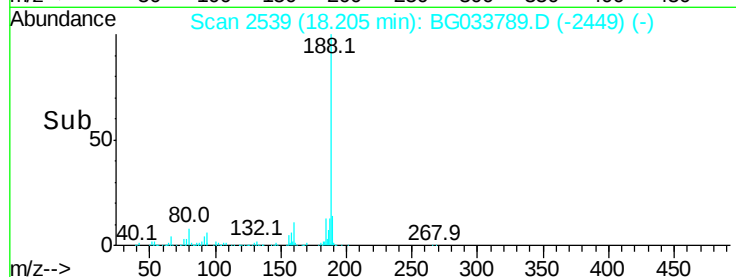
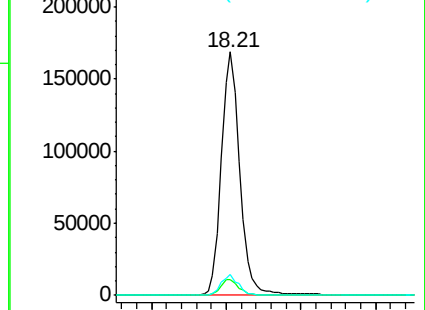
80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.485 ng

RT: 16.57 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

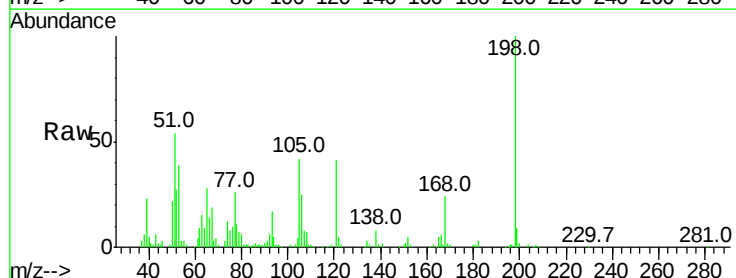
Tgt Ion:198 Resp: 79251

Ion Ratio Lower Upper

198 100

51 53.7 30.6 70.6

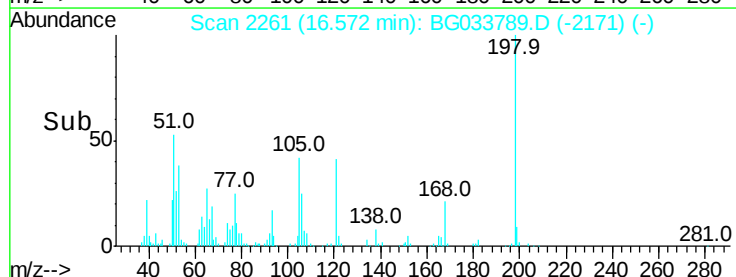
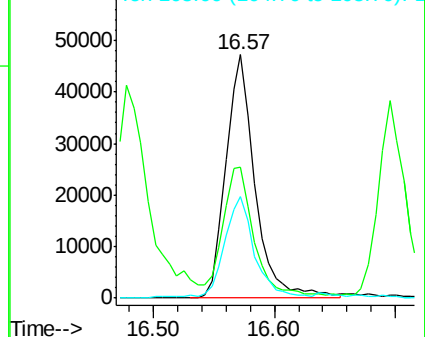
105 41.9 23.8 63.8

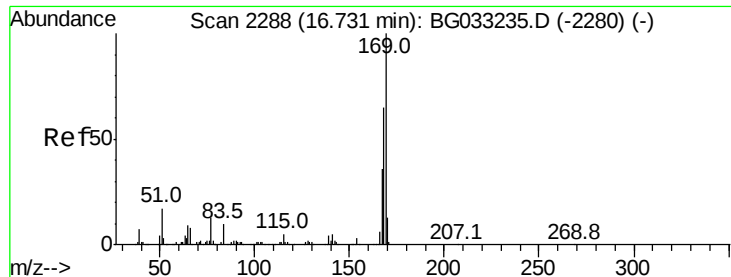


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

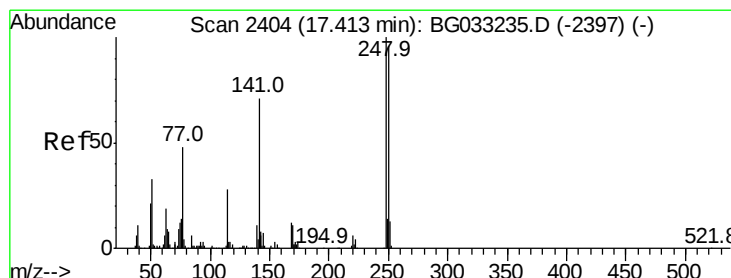
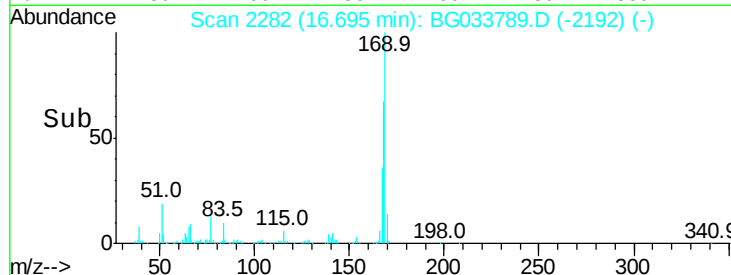
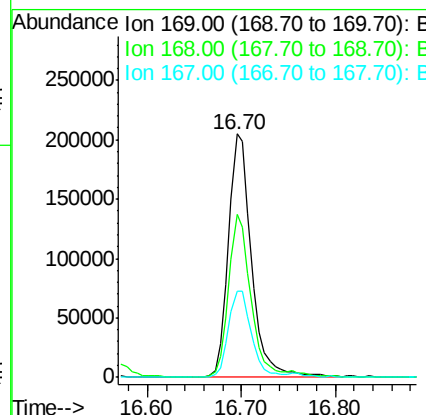
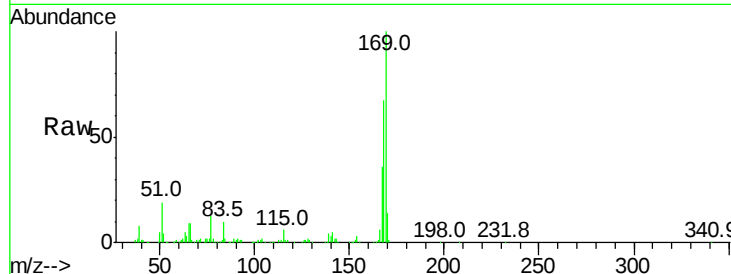




#65
n-Nitrosodiphenylamine
Concen: 42.268 ng
RT: 16.70 min Scan# 2282
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

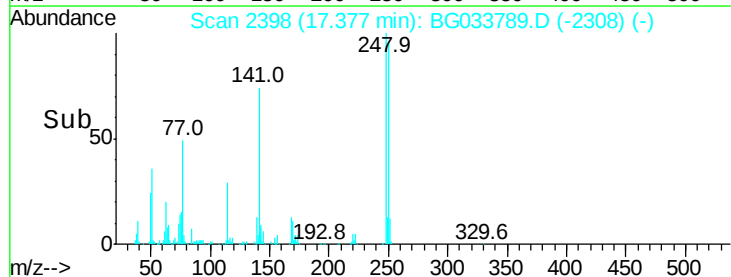
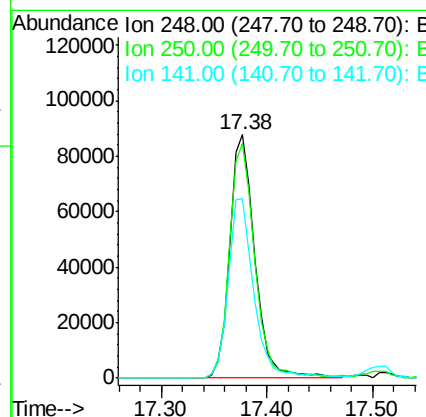
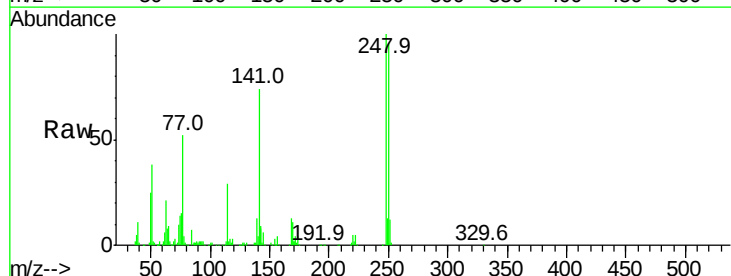
Instrument :
BNA_G
ClientSampleId :

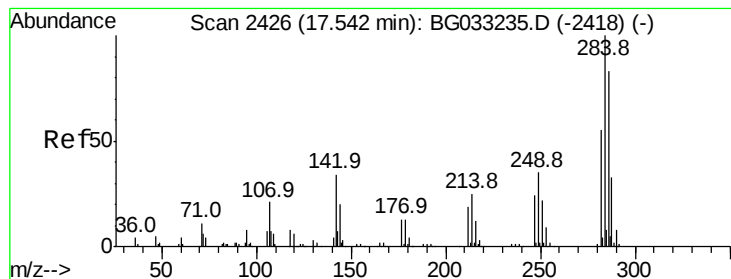
Tot Ion:169 Resp: 351451
Ion Ratio Lower Upper
169 100
168 67.0 55.7 83.5
167 35.6 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 41.989 ng
RT: 17.38 min Scan# 2398
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion:248 Resp: 143626
Ion Ratio Lower Upper
248 100
250 96.5 77.1 115.7
141 73.8 50.8 76.2





#67

Hexachlorobenzene

Concen: 42.040 ng

RT: 17.51 min Scan# 2420

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampled :

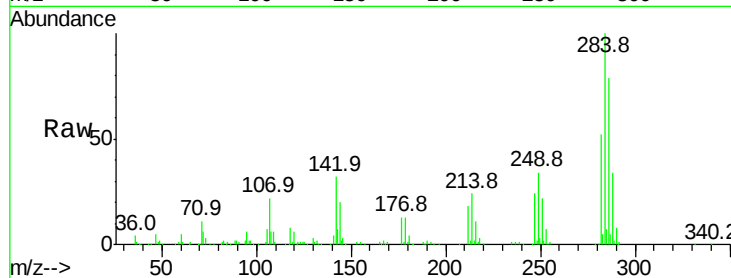
Tot Ion:284 Resp: 151762

Ion Ratio Lower Upper

284 100

142 31.7 26.8 40.2

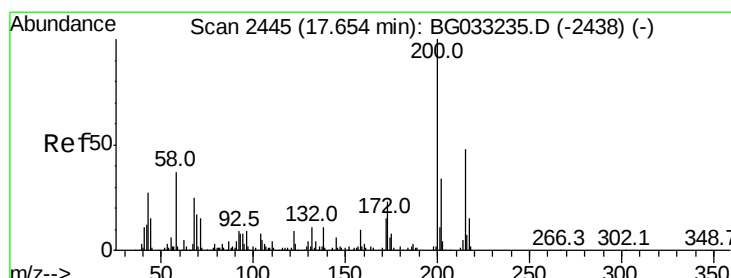
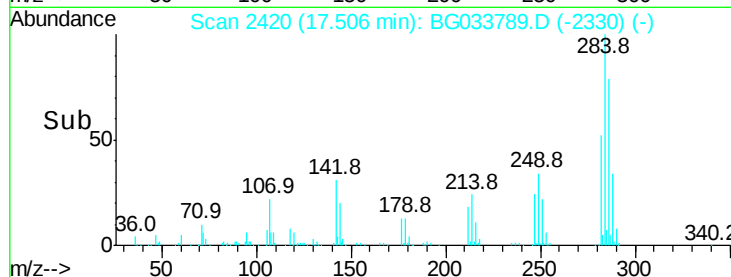
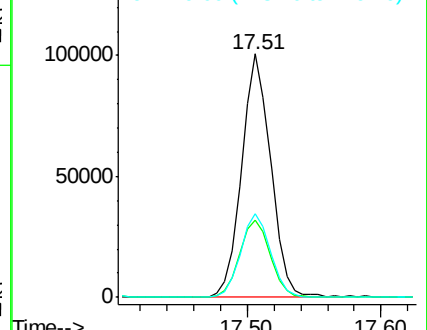
249 34.5 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.325 ng

RT: 17.62 min Scan# 2439

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

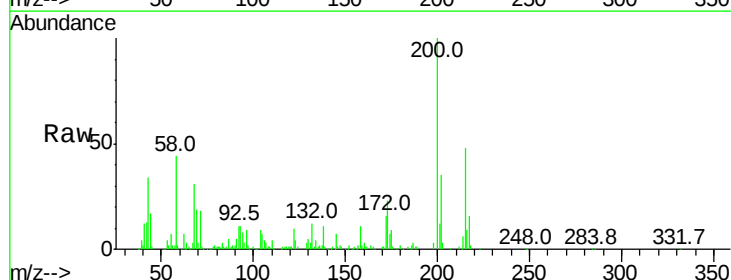
Tgt Ion:200 Resp: 142610

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

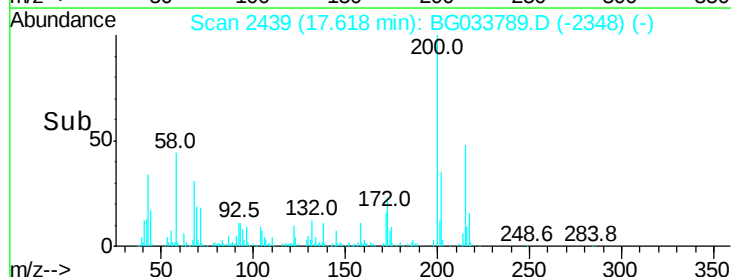
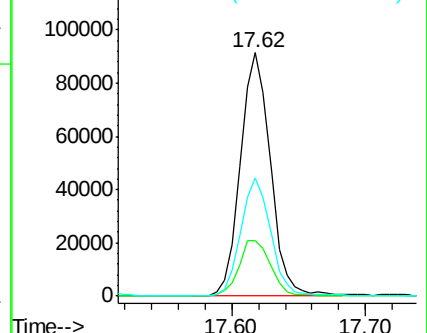
215 48.3 30.4 70.4

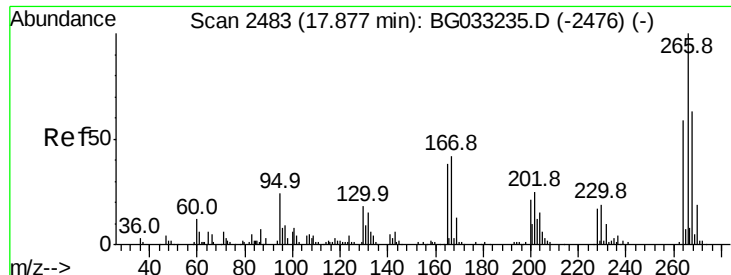


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

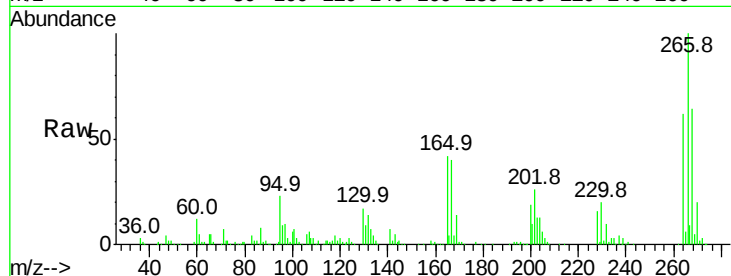




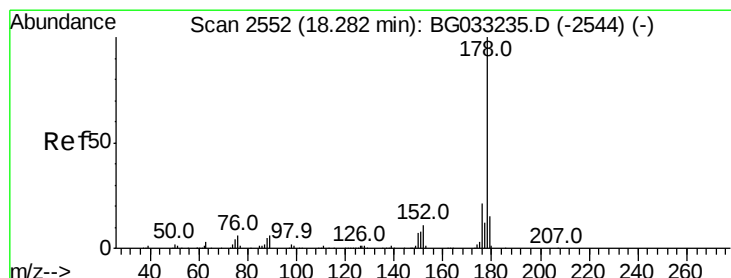
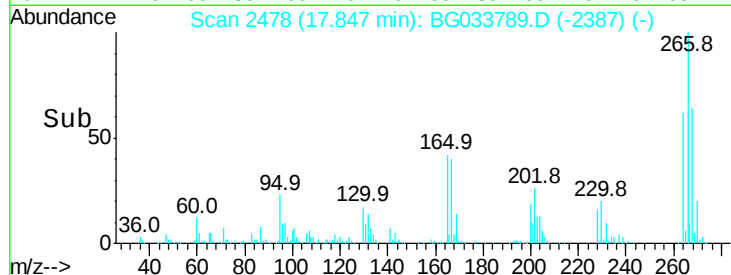
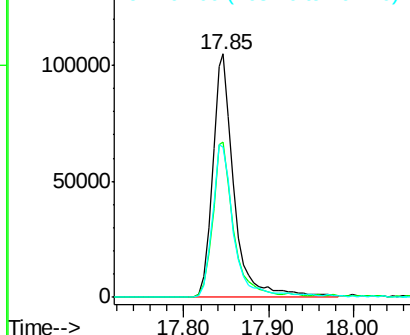
#69
 Pentachlorophenol
 Concen: 75.633 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.01 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	61.6	49.6	74.4

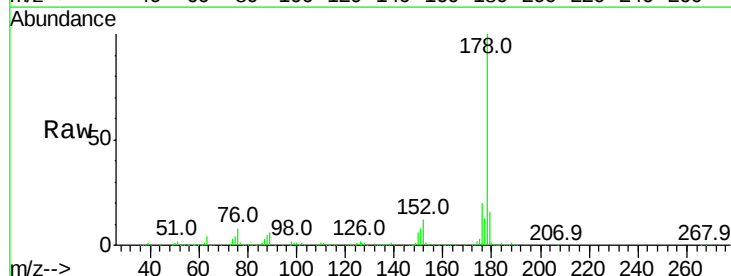


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

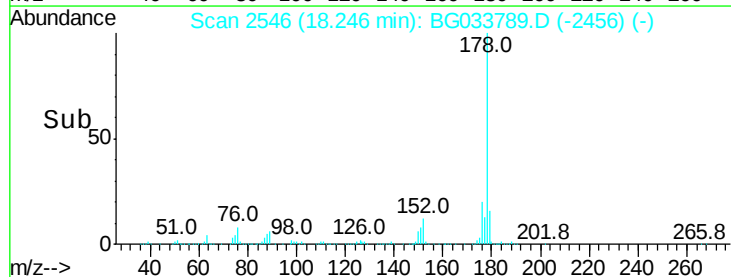
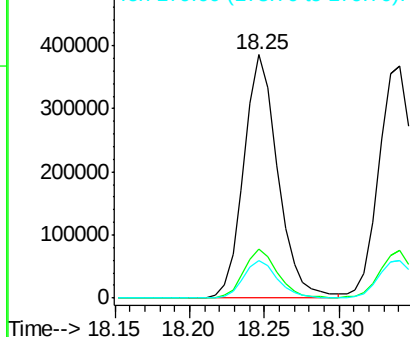


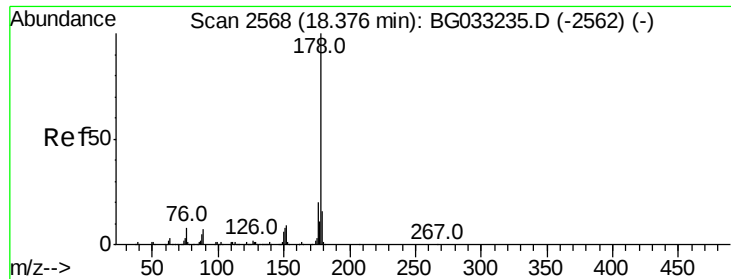
#70
 Phenanthrene
 Concen: 40.321 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.6	12.5	18.7



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

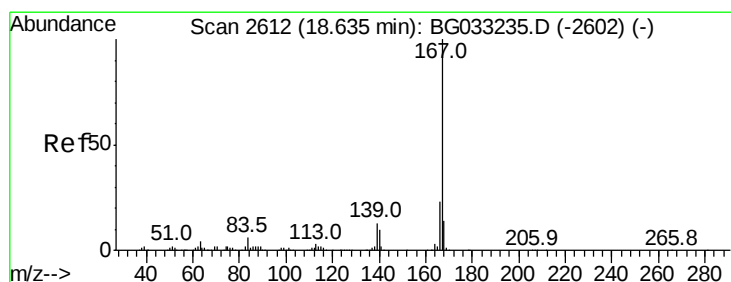
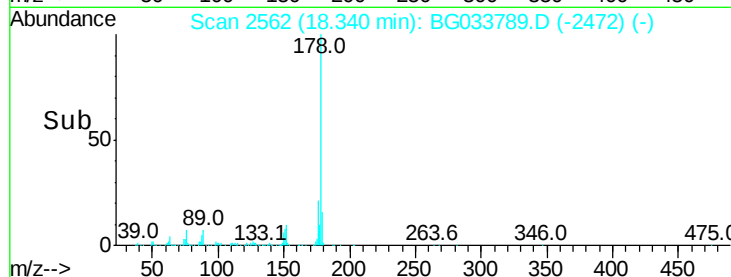
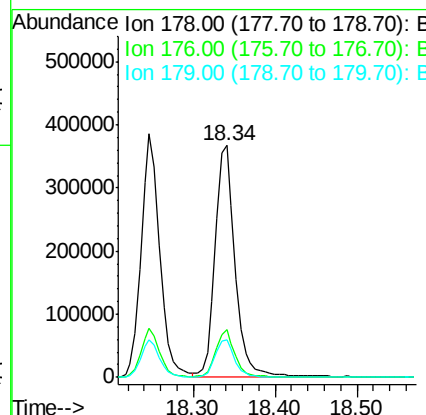
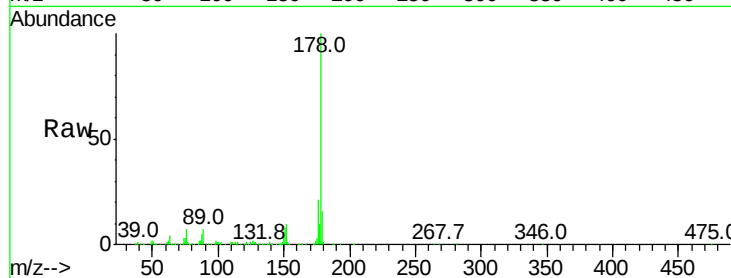




#71
 Anthracene
 Concen: 40.651 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

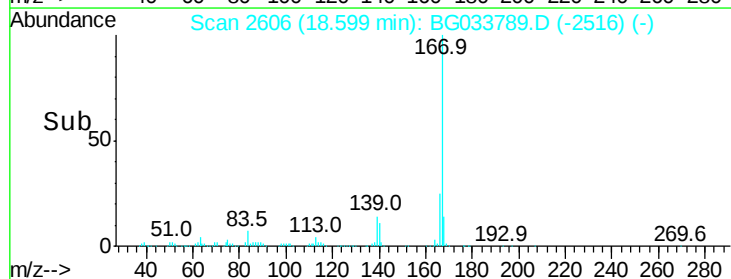
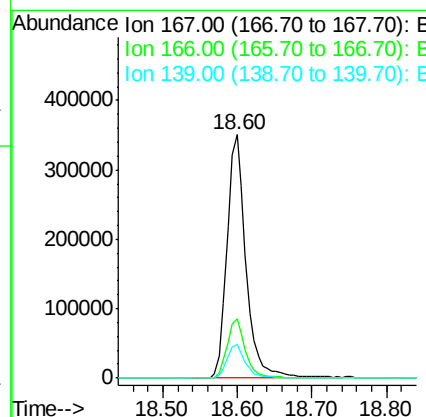
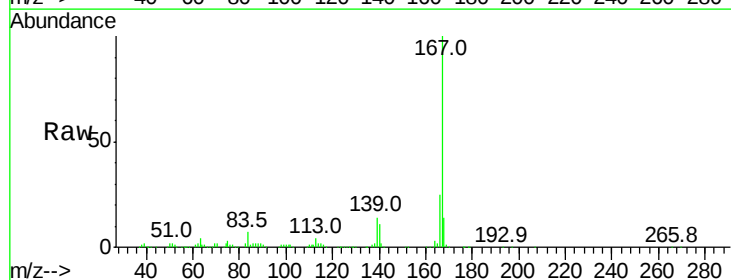
Instrument :
 BNA_G
 ClientSampled :

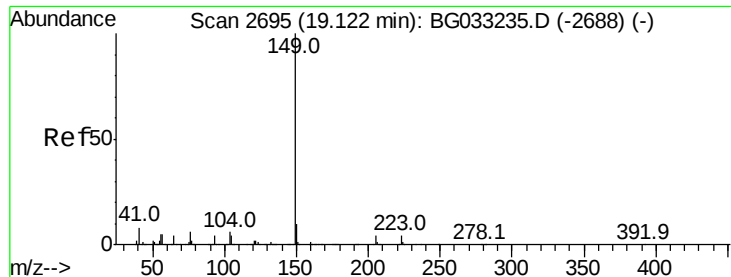
Tot Ion:178 Resp: 624340
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 45.773 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion:167 Resp: 622970
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.2 27.4
 139 13.6 9.4 14.2





#73

Di-n-butylphthalate

Concen: 45.242 ng

RT: 19.09 min Scan# 2689

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

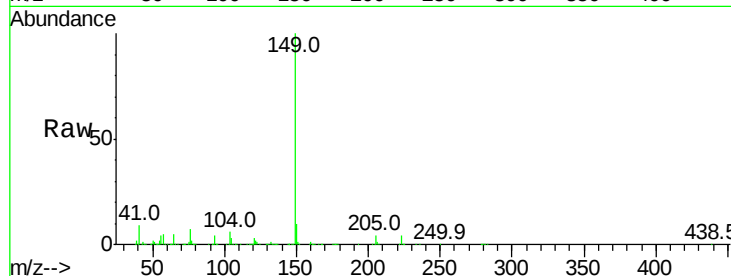
Tot Ion:149 Resp: 716684

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

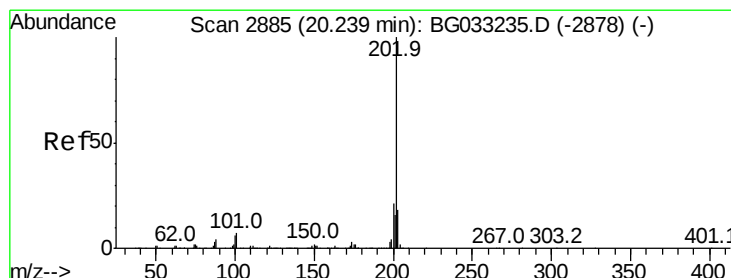
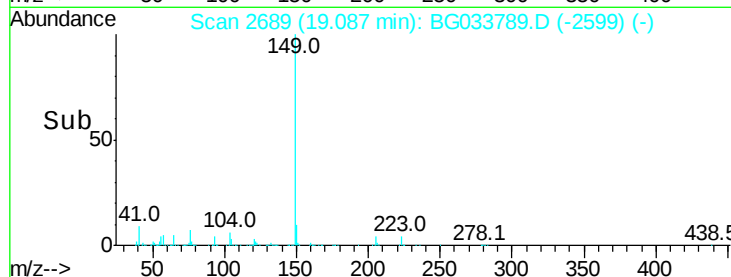
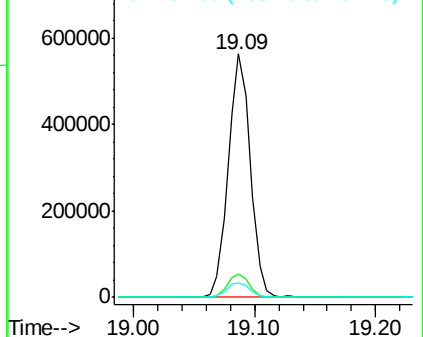
104 6.0 3.9 5.9#



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: 43.279 ng

RT: 20.20 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

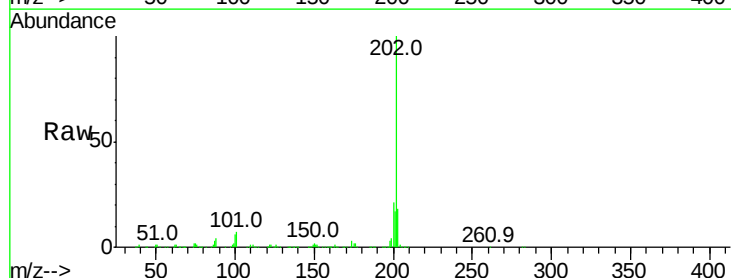
Tgt Ion:202 Resp: 812394

Ion Ratio Lower Upper

202 100

101 7.0 0.0 28.9

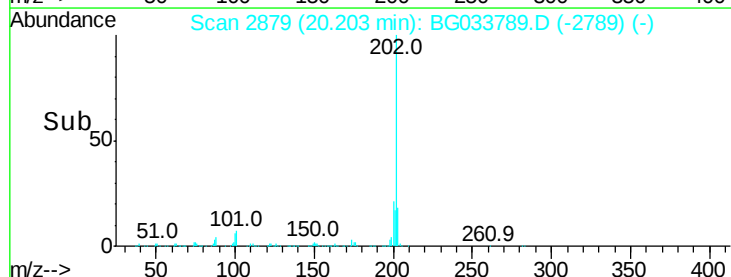
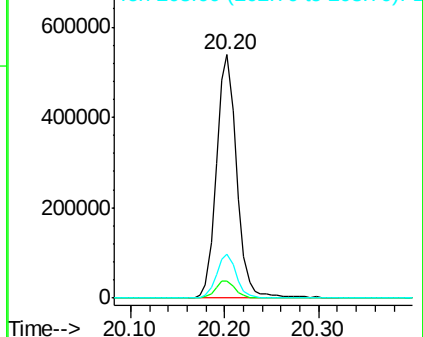
203 18.1 0.0 37.5

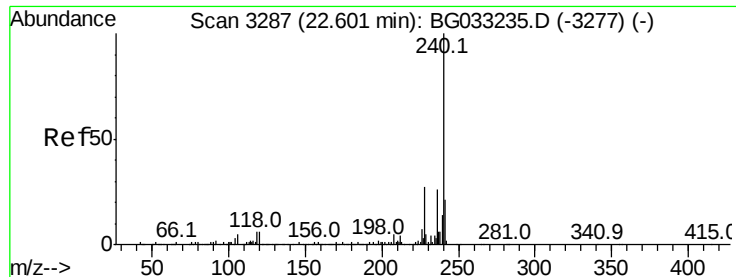


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

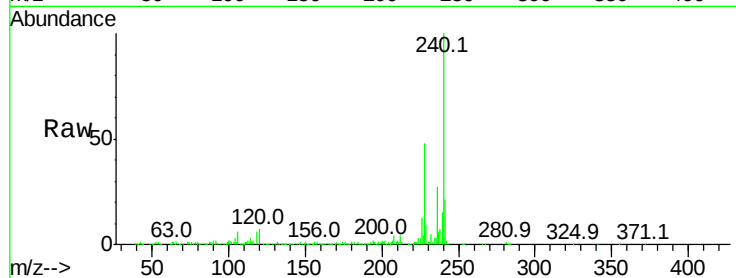
Tot Ion:240 Resp: 315392

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

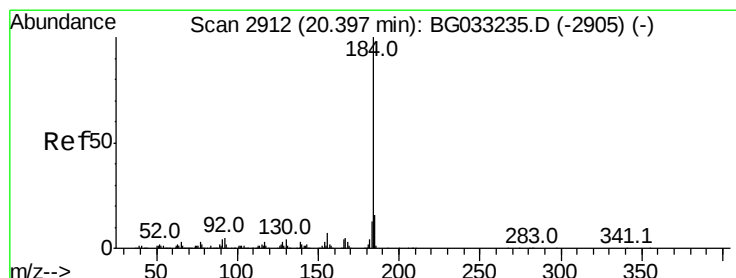
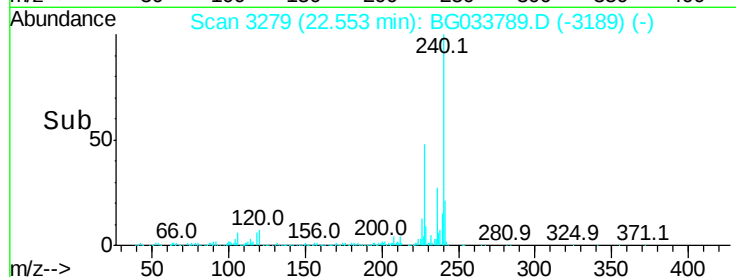
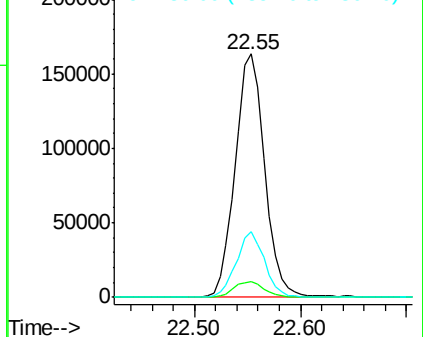
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.212 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

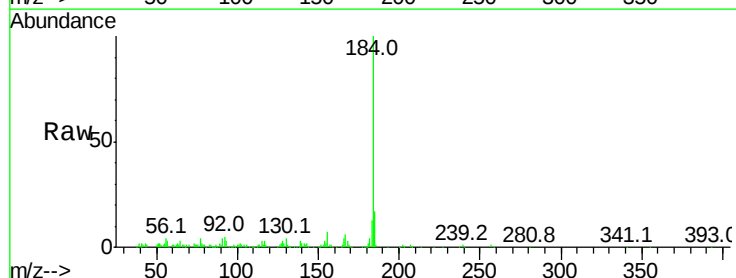
Tgt Ion:184 Resp: 232743

Ion Ratio Lower Upper

184 100

185 17.2 11.1 16.7#

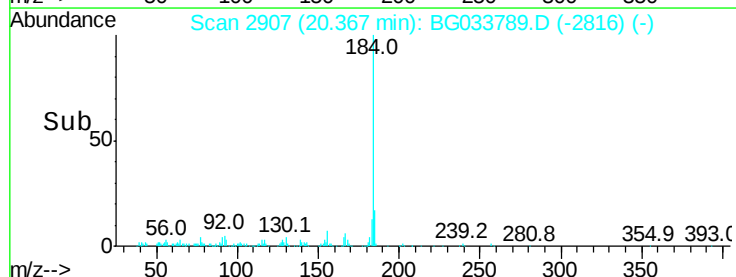
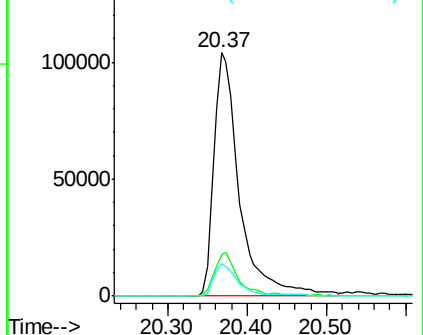
183 13.2 10.6 16.0

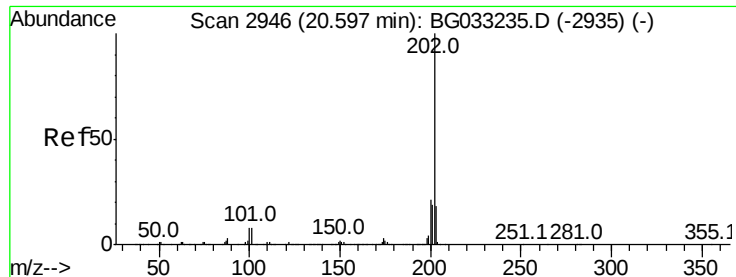


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.005 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG033789.D

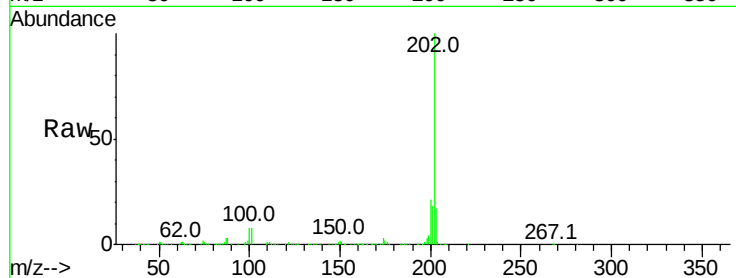
Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

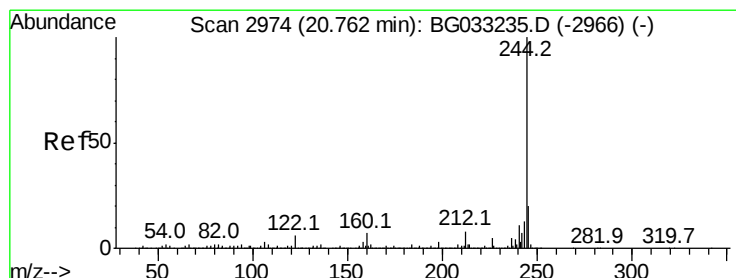
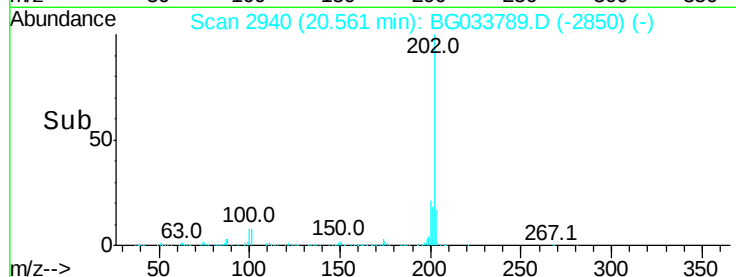
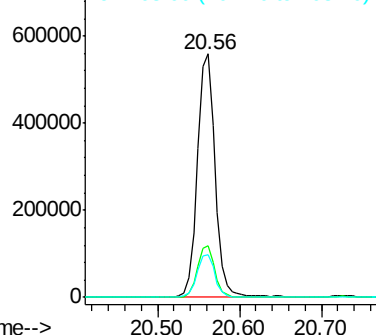
Tot Ion:	202	Resp:	841492
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.9	25.3
203	17.5	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 92.466 ng

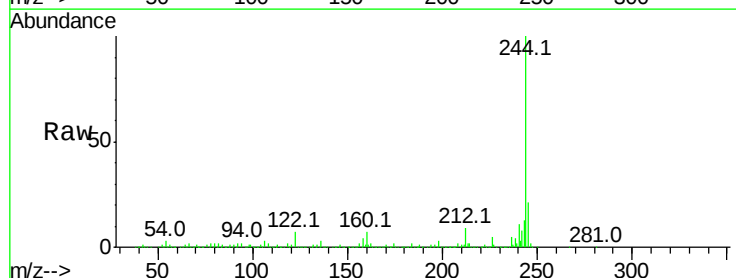
RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

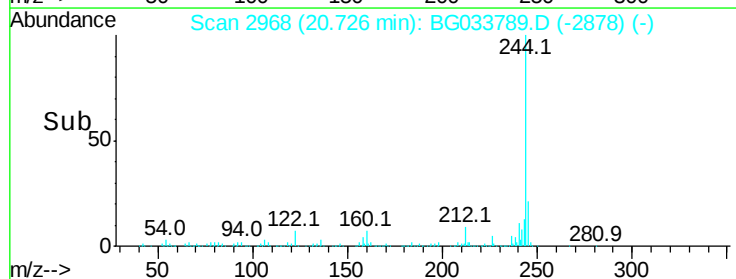
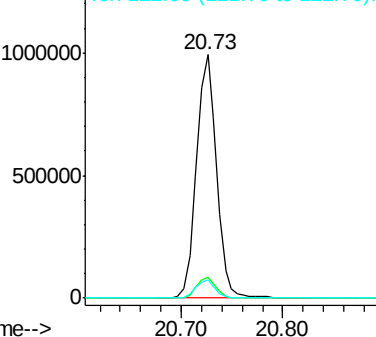
Tgt Ion:	244	Resp:	1363652
Ion Ratio	Lower	Upper	
244	100		
212	8.8	5.8	8.8#
122	7.4	7.0	10.4

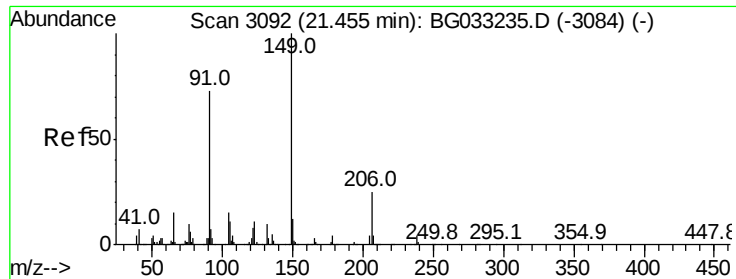


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

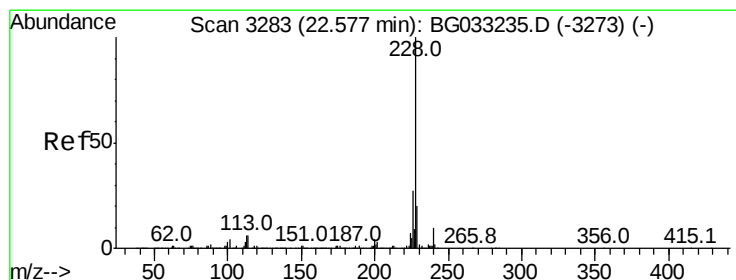
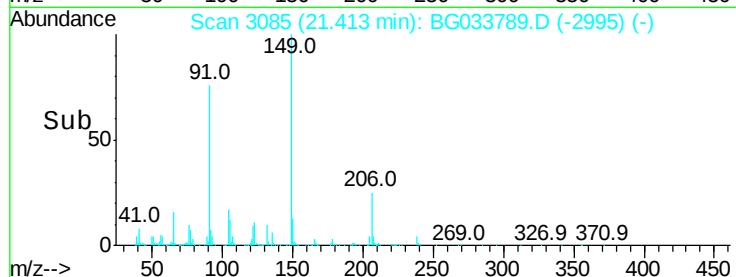
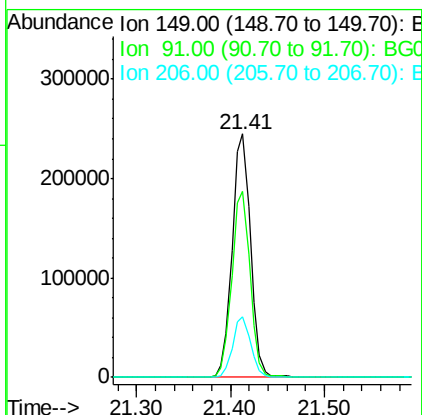
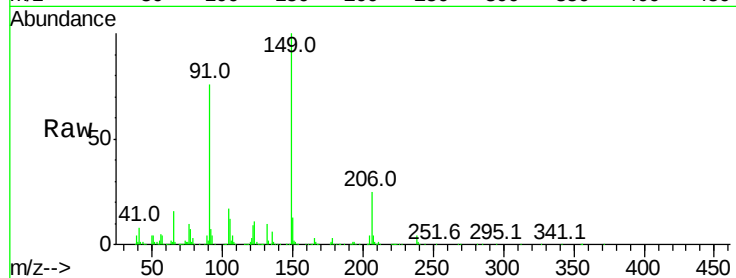




#79
 Butylbenzylphthalate
 Concen: 42.863 ng
 RT: 21.41 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

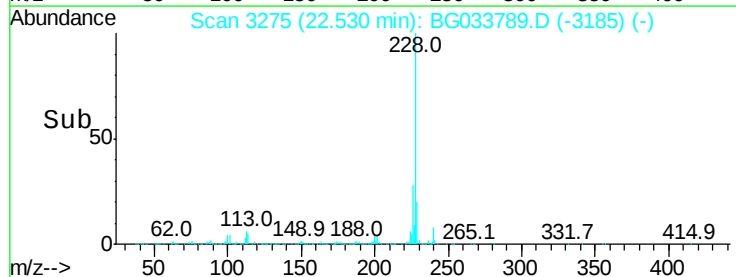
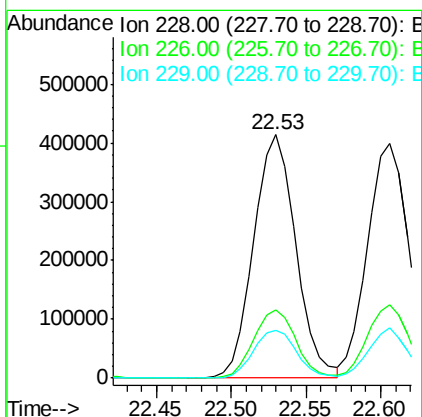
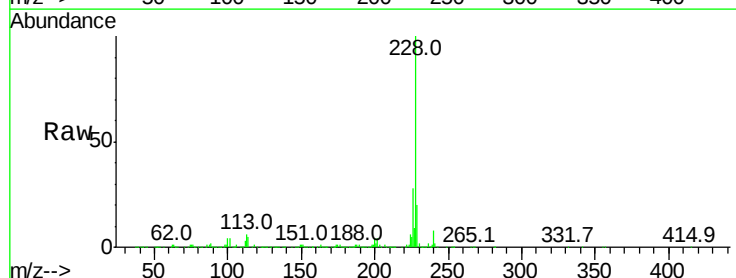
Instrument :
 BNA_G
 ClientSampleId :

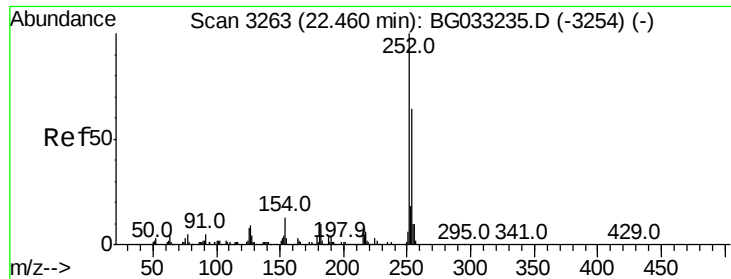
Tot Ion:149 Resp: 332717
 Ion Ratio Lower Upper
 149 100
 91 76.2 62.2 93.2
 206 24.8 18.6 27.8



#80
 Benzo(a)anthracene
 Concen: 40.308 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion:228 Resp: 809495
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.7 34.1
 229 19.9 16.2 24.2

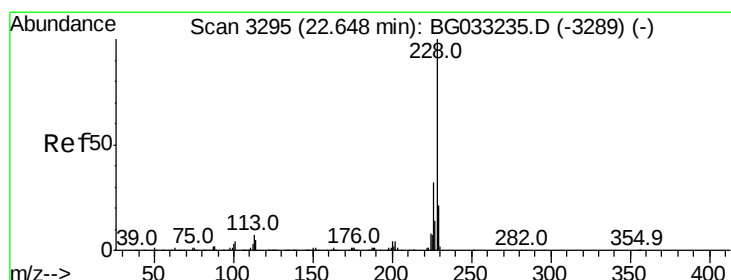
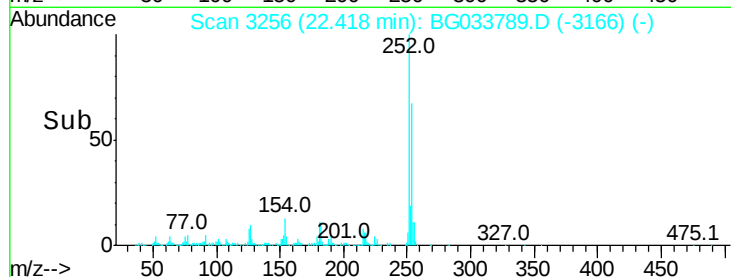
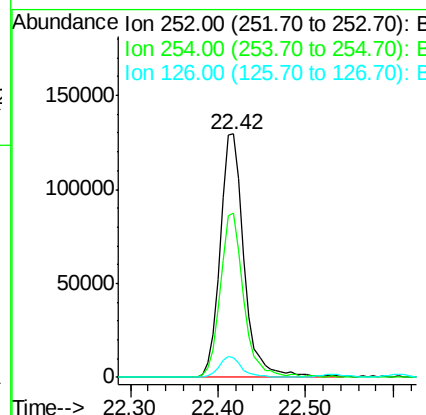
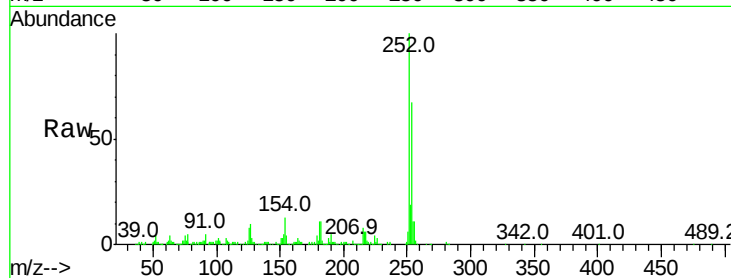




#81
 3,3'-Dichlorobenzidine
 Concen: 34.430 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

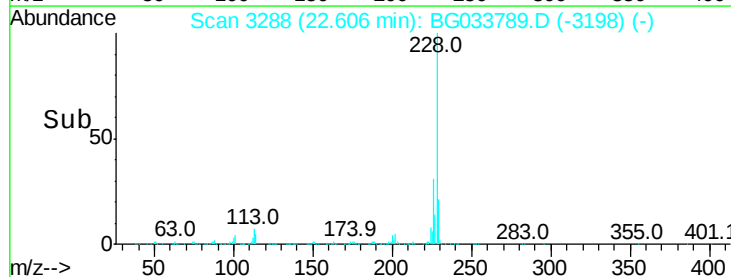
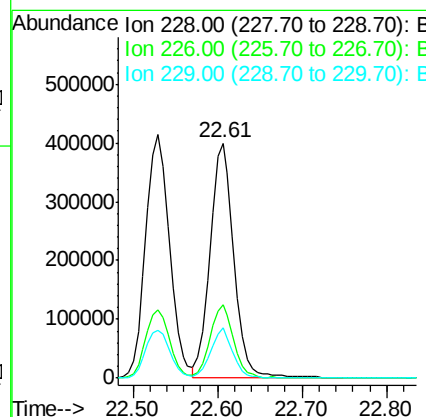
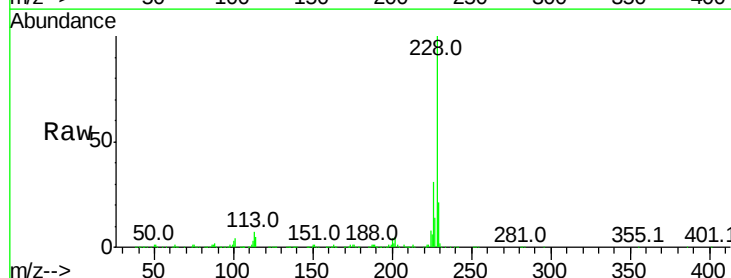
Instrument :
 BNA_G
 ClientSampleId :

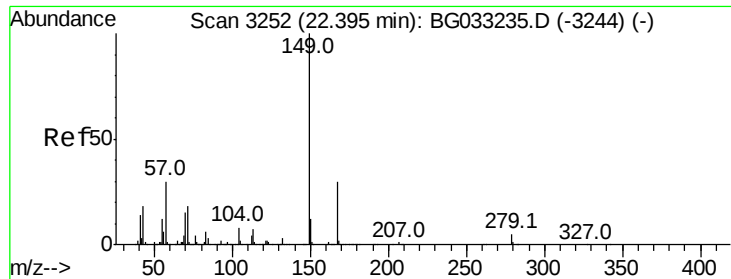
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.4	50.8	76.2
126	7.8	7.4	11.2



#82
 Chrysene
 Concen: 40.442 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.9	37.3
229	21.4	15.0	22.4

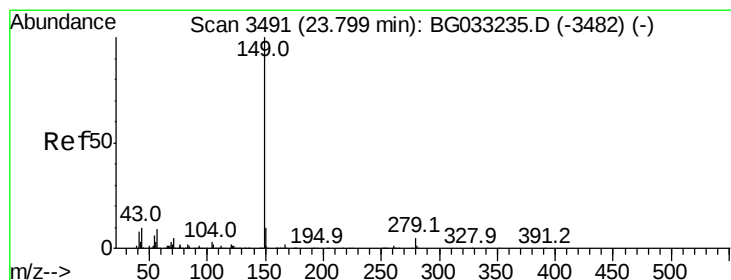
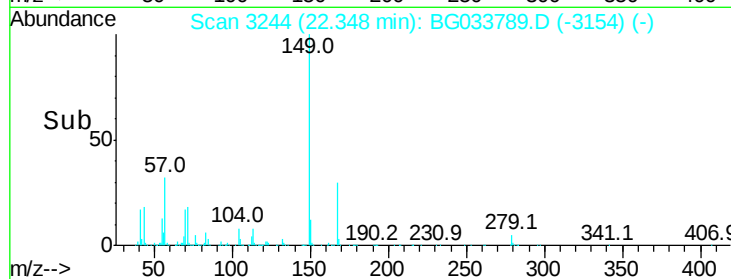
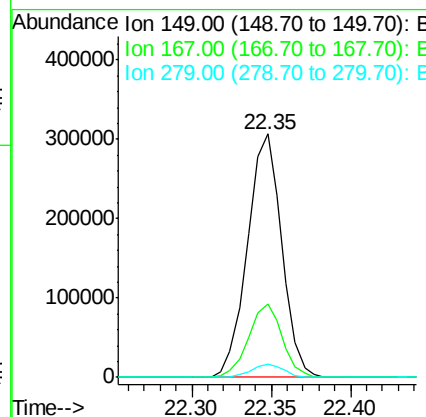
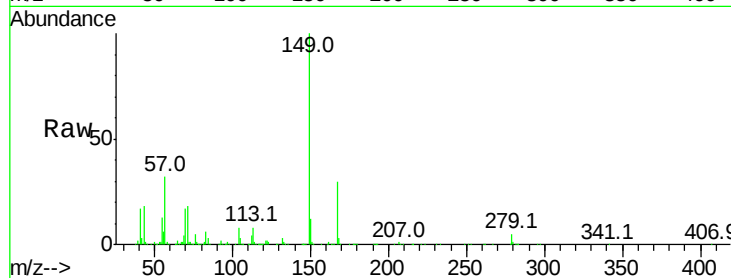




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.858 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

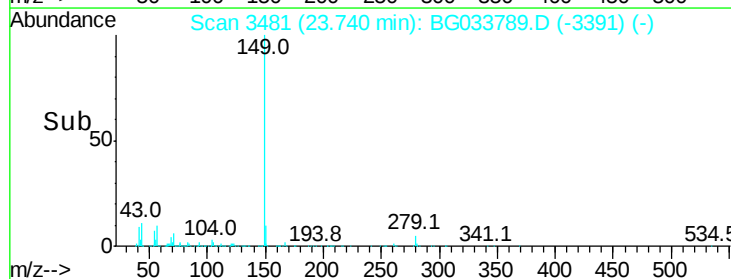
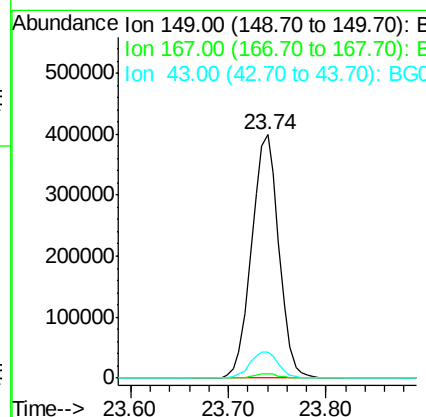
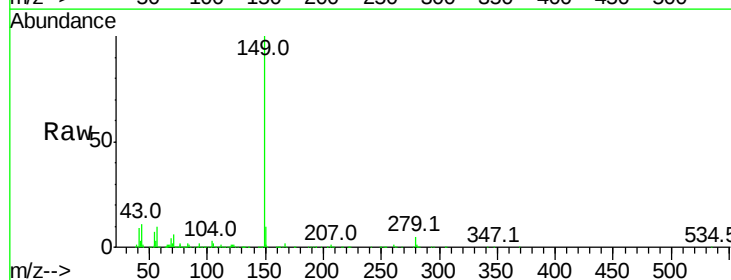
Instrument :
 BNA_G
 ClientSampleId :

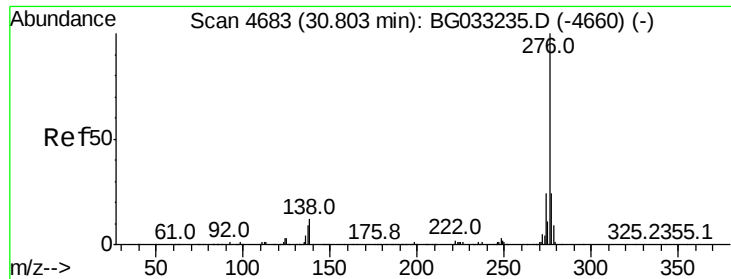
Tot Ion:149 Resp: 458595
 Ion Ratio Lower Upper
 149 100
 167 30.1 24.3 36.5
 279 5.5 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 47.650 ng
 RT: 23.74 min Scan# 3481
 Delta R.T. 0.00 min
 Lab File: BG033789.D
 Acq: 13 Apr 2018 1:35

Tgt Ion:149 Resp: 780682
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 11.1 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.233 ng

RT: 30.68 min Scan# 4663

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

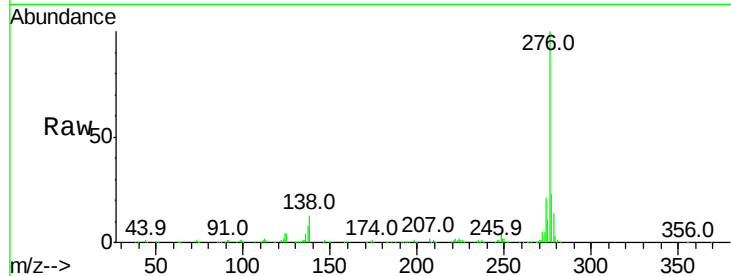
Tot Ion:276 Resp: 887666

Ion Ratio Lower Upper

276 100

138 8.4 16.0 24.0#

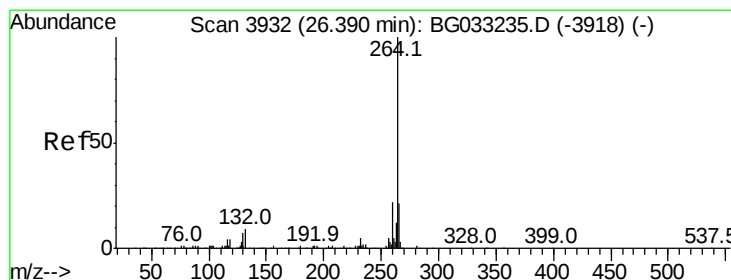
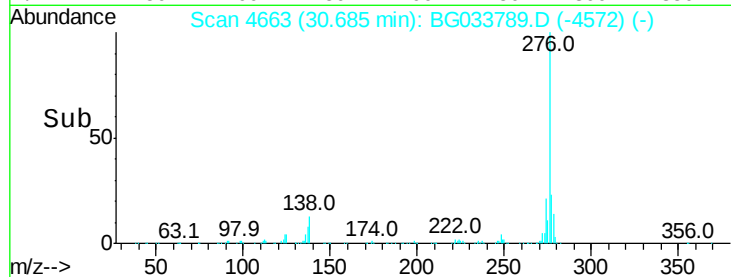
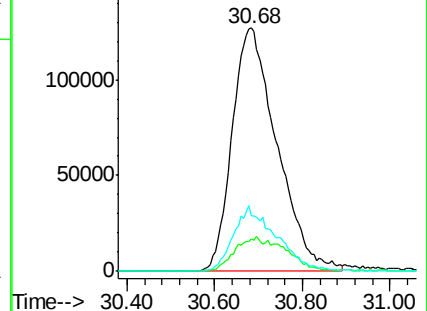
277 25.5 20.0 30.0



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

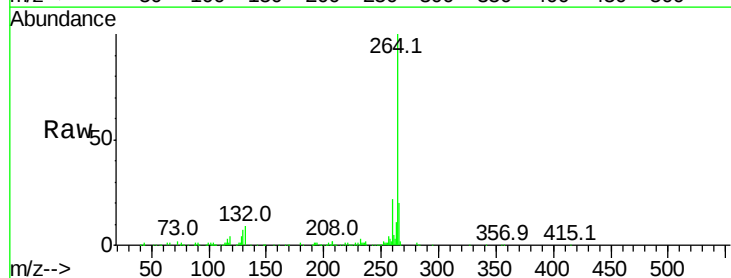
Tgt Ion:264 Resp: 340671

Ion Ratio Lower Upper

264 100

260 21.9 17.4 26.0

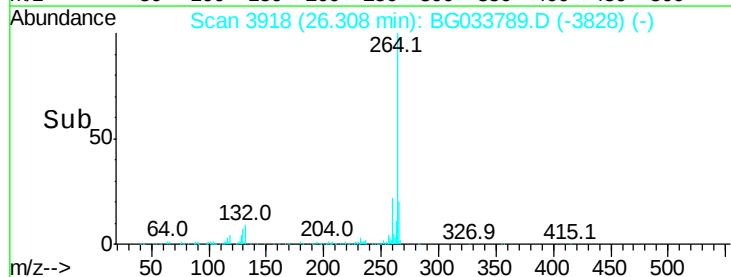
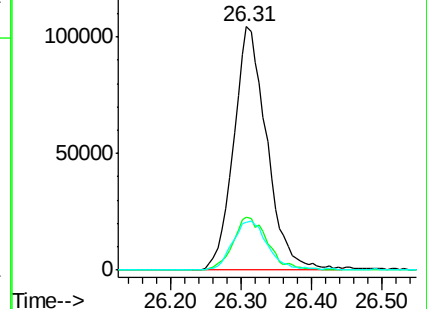
265 19.5 17.7 26.5

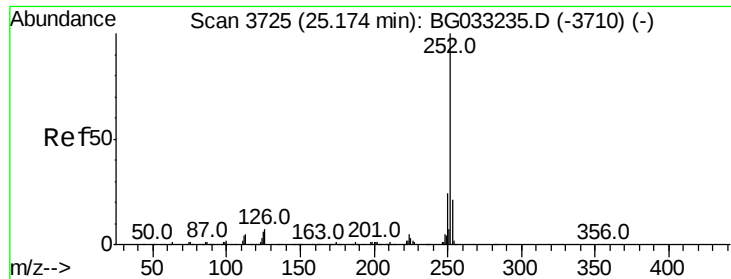


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

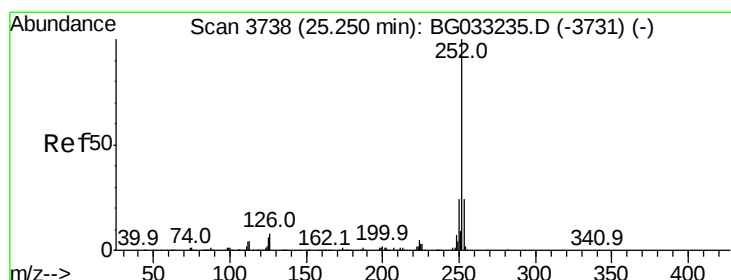
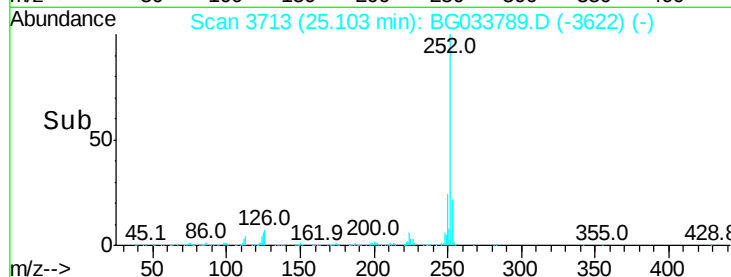
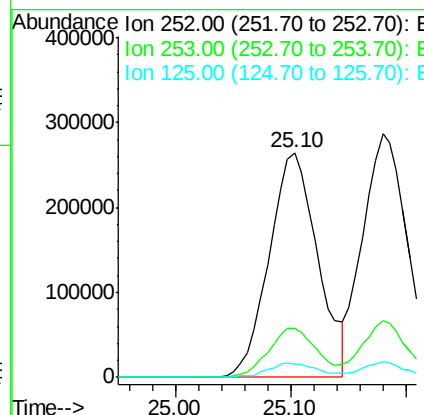
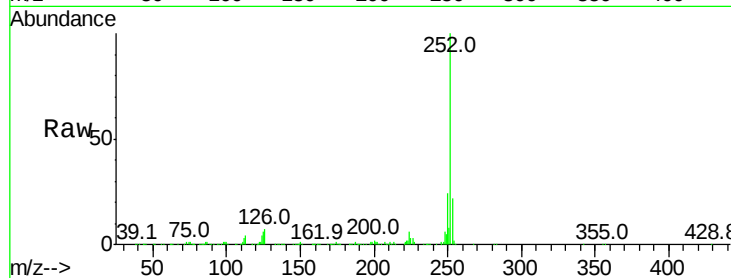




#87
Benzo(b)fluoranthene
Concen: 39.320 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.01 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

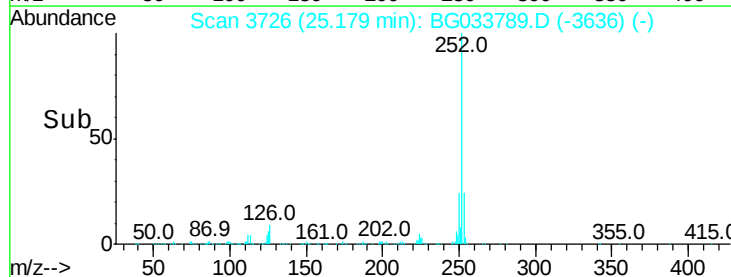
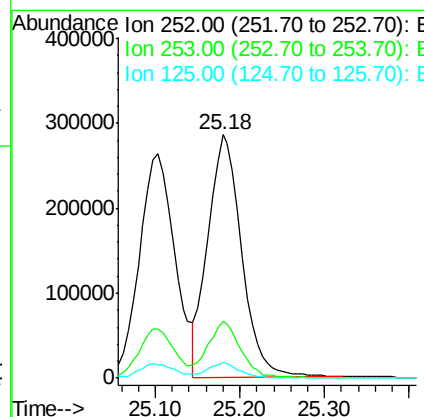
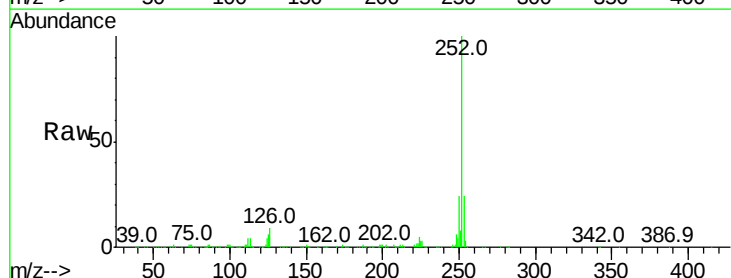
Instrument :
BNA_G
ClientSampleId :

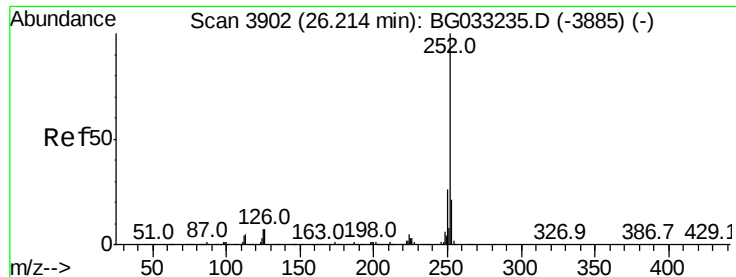
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	5.9	7.2	10.8#



#88
Benzo(k)fluoranthene
Concen: 39.962 ng
RT: 25.18 min Scan# 3726
Delta R.T. 0.00 min
Lab File: BG033789.D
Acq: 13 Apr 2018 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.4	26.2
125	6.3	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 40.902 ng

RT: 26.13 min Scan# 3888

Delta R.T. 0.00 min

Lab File: BG033789.D

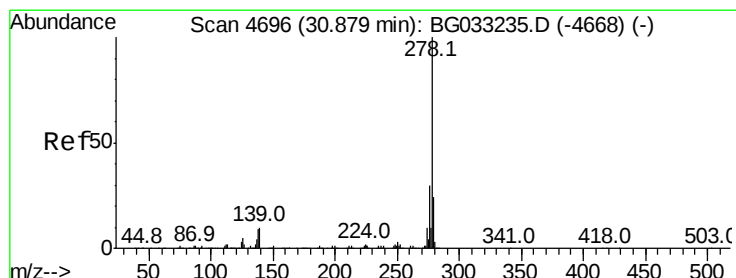
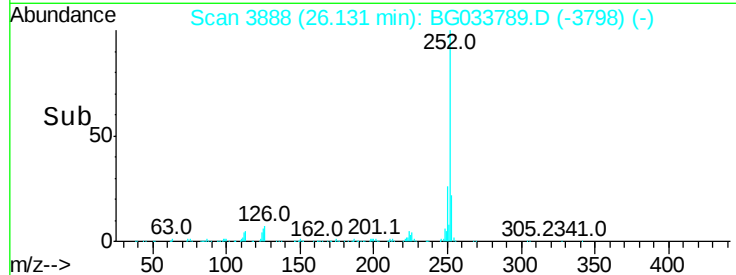
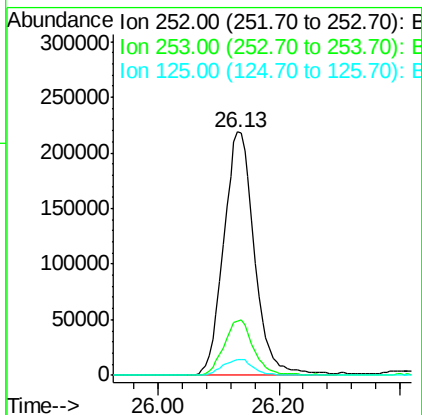
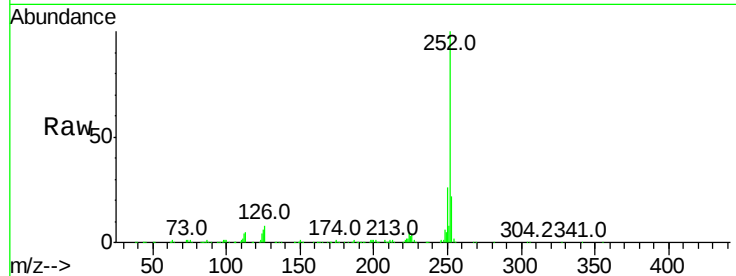
Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	252	Resp:	773102
Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.3	27.5
125	6.4	7.3	10.9#



#90

Dibenzo(a,h)anthracene

Concen: 41.251 ng

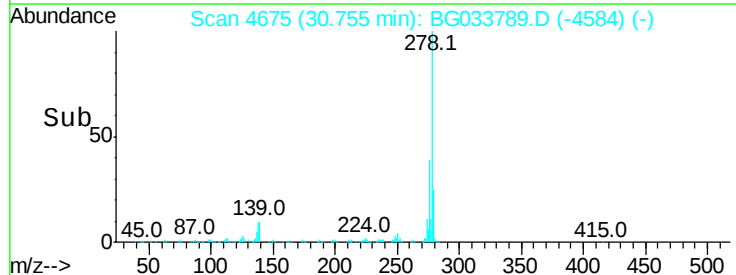
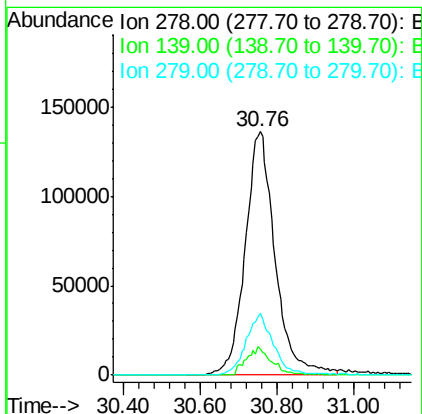
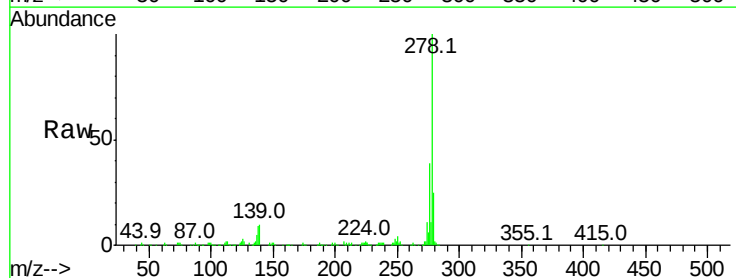
RT: 30.76 min Scan# 4675

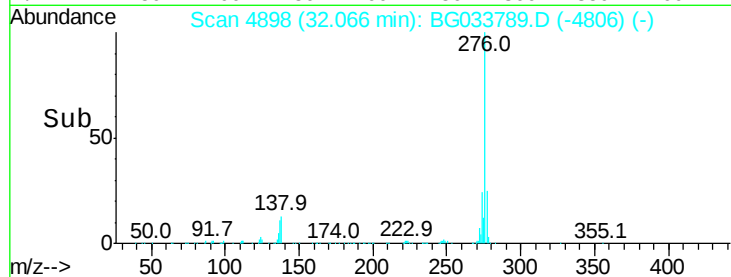
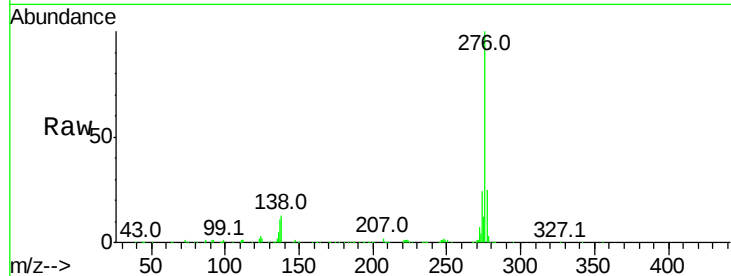
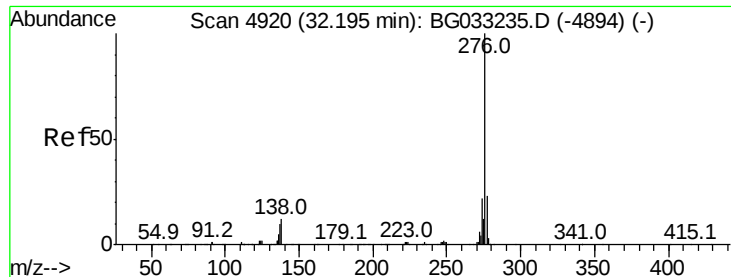
Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Tgt Ion:	278	Resp:	734440
Ion	Ratio	Lower	Upper
278	100		
139	10.5	9.8	14.6
279	25.4	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 41.113 ng

RT: 32.07 min Scan# 4898

Delta R.T. 0.01 min

Lab File: BG033789.D

Acq: 13 Apr 2018 1:35

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 724839

Ion Ratio Lower Upper

276 100

277 24.6 18.3 27.5

138 13.4 13.9 20.9#

