

Data Path : U:\HPCHEM1\BNA G\DATA\BG011118\
 Data File : BG031988.D
 Acq On : 11 Jan 2018 17:39
 Operator : SJ/JU
 Sample : J1013-02MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:15:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 15:23:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	74530	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	319613	20.00	ng	0.00
38) Acenaphthene-d10	15.41	164	216381	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	512323	20.00	ng	0.00
75) Chrysene-d12	22.48	240	556421	20.00	ng	0.00
86) Perylene-d12	26.20	264	587726	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.21	112	510642	124.79	ng	0.00
7) Phenol-d6	7.89	99	594004	111.81	ng	0.00
23) Nitrobenzene-d5	9.98	82	402299	95.05	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	430802	130.48	ng	0.00
44) 2-Fluorobiphenyl	14.04	172	1353044	78.48	ng	0.00
78) Terphenyl-d14	20.67	244	2080857	85.44	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.88	88	50277	33.146	ng	# 75
3) Pyridine	4.33	79	85926	21.193	ng	# 77
4) n-Nitrosodimethylamine	4.22	42	63869	39.037	ng	# 90
6) Aniline	8.08	93	47942	7.014	ng	# 89
8) 2-Chlorophenol	8.33	128	201649	42.483	ng	# 83
9) Benzaldehyde	7.88	77	29239	9.140	ng	# 88
10) Phenol	7.92	94	191779	35.755	ng	# 93
11) bis(2-Chloroethyl)ether	8.17	93	165324	37.114	ng	# 80
12) 1,3-Dichlorobenzene	8.66	146	226381	38.406	ng	# 93
13) 1,4-Dichlorobenzene	8.82	146	230804	38.332	ng	# 91
14) 1,2-Dichlorobenzene	9.15	146	221543	38.831	ng	# 97
15) Benzyl Alcohol	9.02	79	164889	41.344	ng	# 92
16) 2,2'-oxybis(1-Chloropropan	9.31	45	170541	47.012	ng	# 77
17) 2-Methylphenol	9.22	107	156947	40.895	ng	# 96
18) Hexachloroethane	9.90	117	76038	41.695	ng	# 88
19) n-Nitroso-di-n-propylamine	9.59	70	129645	35.732	ng	# 86
20) 3+4-Methylphenols	9.55	107	213871	39.210	ng	# 98
22) Acetophenone	9.62	105	292099	39.337	ng	# 88
24) Nitrobenzene	10.02	77	193998	44.472	ng	# 83
25) Isophorone	10.54	82	361905	39.719	ng	# 86
26) 2-Nitrophenol	10.75	139	120507	52.687	ng	# 81
27) 2,4-Dimethylphenol	10.79	122	206414	42.887	ng	# 93
28) bis(2-Chloroethoxy)methane	11.03	93	235410	38.505	ng	# 98
29) 2,4-Dichlorophenol	11.29	162	243017	43.010	ng	# 89
30) 1,2,4-Trichlorobenzene	11.51	180	267360	38.754	ng	# 98
31) Naphthalene	11.71	128	761155	47.188	ng	# 99
32) Benzoic acid	10.91	122	113382	36.422	ng	# 77
33) 4-Chloroaniline	11.81	127	22007	3.064	ng	# 89
34) Hexachlorobutadiene	11.98	225	188758	39.854	ng	# 95
35) Caprolactam	12.56	113	53058	30.980	ng	# 43
36) 4-Chloro-3-methylphenol	12.88	107	213842	40.979	ng	# 86
37) 2-Methylnaphthalene	13.28	142	521388	39.873	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	363675	39.902	ng	# 97
40) Hexachlorocyclopentadiene	13.61	237	450138	93.621	ng	# 92

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 ALS Vial : 7 Sample Multiplier: 1

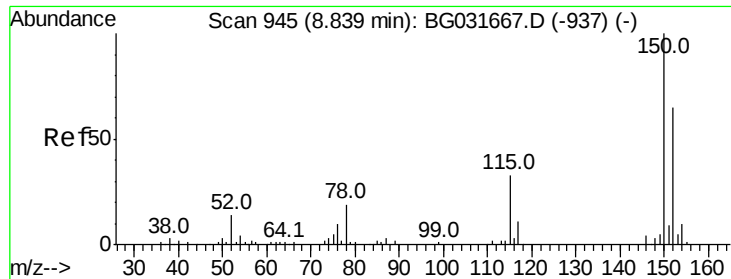
Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 12 04:15:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.85	196	227409	43.276	nq	98
43) 2,4,5-Trichlorophenol	13.93	196	241243	41.426	nq #	90
45) 1,1'-Biphenyl	14.25	154	728710	39.430	nq	95
46) 2-Chloronaphthalene	14.31	162	546139	38.743	nq	94
47) 2-Nitroaniline	14.49	65	115415	47.406	nq #	70
48) Acenaphthylene	15.14	152	819769	36.350	nq	97
49) Dimethylphthalate	14.84	163	710667	37.281	nq	99
50) 2,6-Dinitrotoluene	14.97	165	159781	45.564	nq #	68
51) Acenaphthene	15.47	154	609523	41.268	nq	96
52) 3-Nitroaniline	15.30	138	33300	9.733	nq #	80
53) 2,4-Dinitrophenol	15.50	184	168878	110.178	nq #	65
54) Dibenzofuran	15.80	168	857056	37.855	nq	100
55) 4-Nitrophenol	15.58	139	205679	73.863	nq #	74
56) 2,4-Dinitrotoluene	15.74	165	221800	49.188	nq #	65
57) Fluorene	16.45	166	682204	37.091	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.01	232	250167	44.031	nq #	84
59) Diethylphthalate	16.19	149	676062	36.388	nq	96
60) 4-Chlorophenyl-phenylether	16.43	204	422118	37.509	nq	92
61) 4-Nitroaniline	16.46	138	99924	29.929	nq #	81
62) Azobenzene	16.72	77	445637	37.401	nq	84
64) 4,6-Dinitro-2-methylphenol	16.50	198	121275	48.545	nq #	68
65) n-Nitrosodiphenylamine	16.64	169	619696	36.420	nq	99
66) 4-Bromophenyl-phenylether	17.31	248	294574	39.762	nq	93
67) Hexachlorobenzene	17.44	284	303965	40.136	nq #	91
68) Atrazine	17.56	200	263181	39.778	nq	98
69) Pentachlorophenol	17.78	266	394247	75.683	nq	98
70) Phenanthrene	18.19	178	1097353	37.848	nq	98
71) Anthracene	18.28	178	1111917	38.018	nq	99
72) Carbazole	18.53	167	965422	37.295	nq	99
73) Di-n-butylphthalate	19.04	149	1082030	37.612	nq	99
74) Fluoranthene	20.15	202	1340876	37.691	nq	94
76) Benzidine	20.30	184	76884	4.477	nq	97
77) Pyrene	20.50	202	1354685	38.114	nq	97
79) Butylbenzylphthalate	21.36	149	473501	39.685	nq #	77
80) Benzo(a)anthracene	22.46	228	1359680	38.415	nq	99
81) 3,3'-Dichlorobenzidine	22.35	252	135445	9.870	nq #	97
82) Chrysene	22.54	228	1282298	38.290	nq	98
83) Bis(2-ethylhexyl)phthalate	22.30	149	643316	37.216	nq #	95
84) Di-n-octyl phthalate	23.69	149	1086366	37.316	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.52	276	1637749	38.120	nq #	88
87) Benzo(b)fluoranthene	25.00	252	1417977	38.867	nq #	97
88) Benzo(k)fluoranthene	25.09	252	1382481	37.865	nq #	96
89) Benzo(a)pyrene	26.03	252	1374444	39.337	nq #	97
90) Dibenzo(a,h)anthracene	30.60	278	1365838	37.850	nq #	95
91) Benzo(g,h,i)perylene	30.52	276	1637749	38.440	nq #	92

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

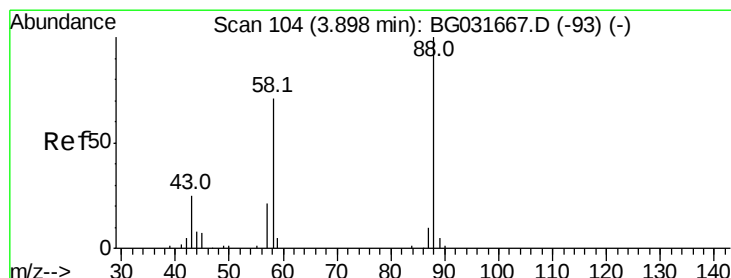
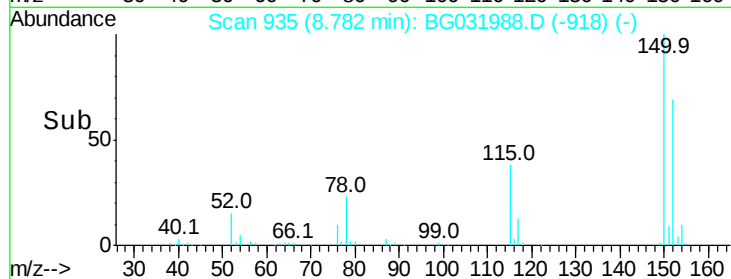
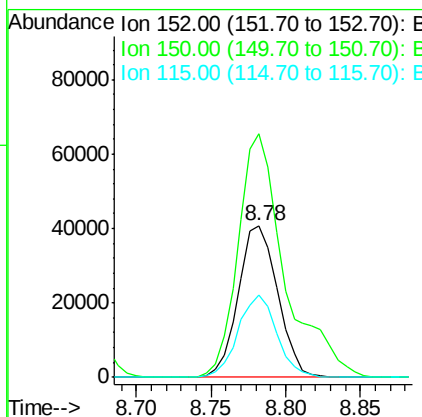
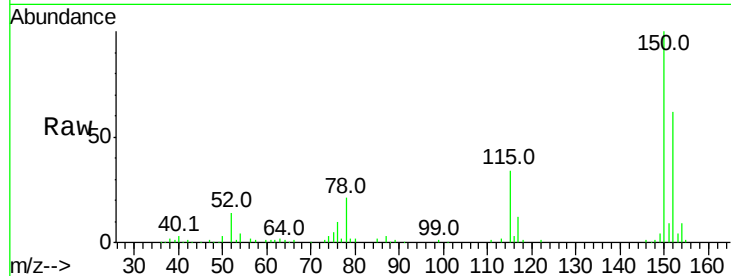


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.78 min Scan# 935
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

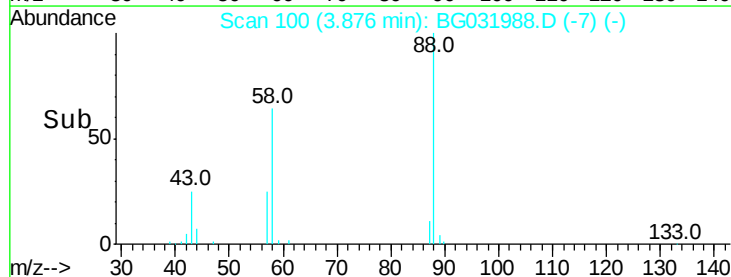
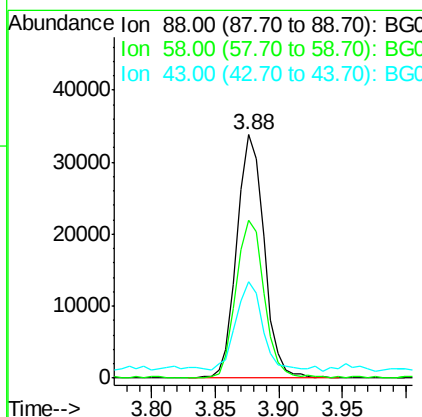
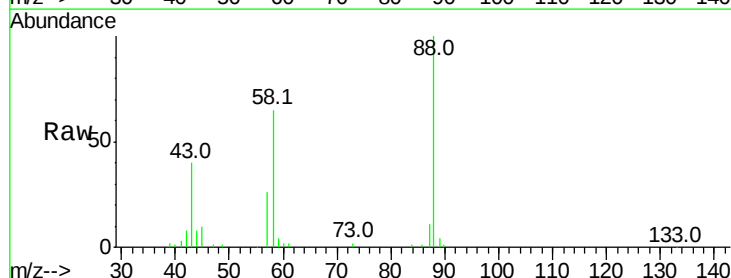
Tot Ion:152 Resp: 74530
Ion Ratio Lower Upper
152 100
150 160.6 126.6 189.8
115 54.4 53.0 79.4

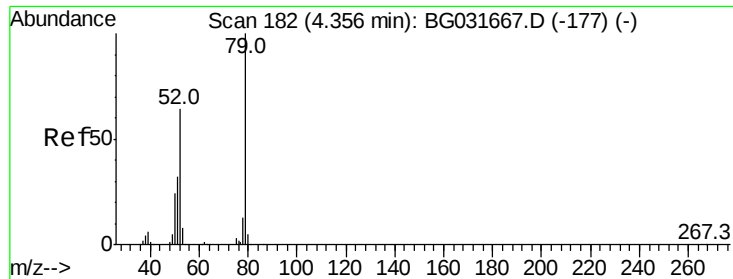


#2

1,4-Dioxane
Concen: 33.146 ng
RT: 3.88 min Scan# 100
Delta R.T. 0.02 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion: 88 Resp: 50277
Ion Ratio Lower Upper
88 100
58 67.1 79.6 119.4#
43 36.2 27.4 41.0





#3

Pvridine

Concen: 21.193 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.01 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

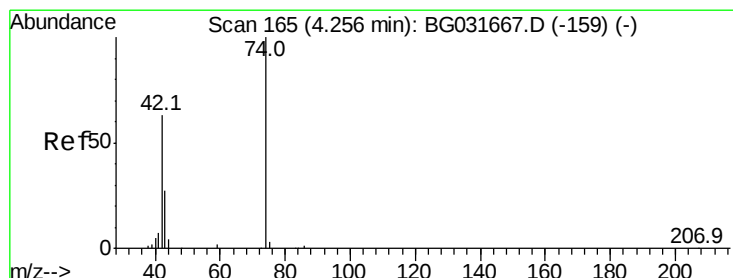
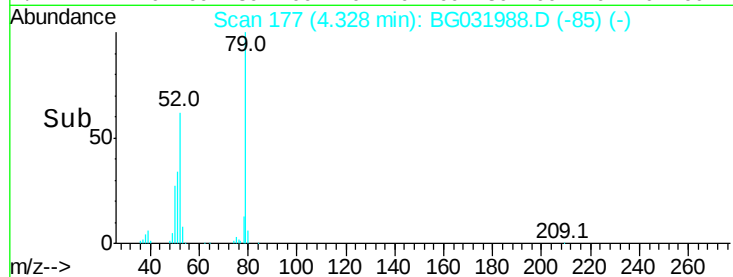
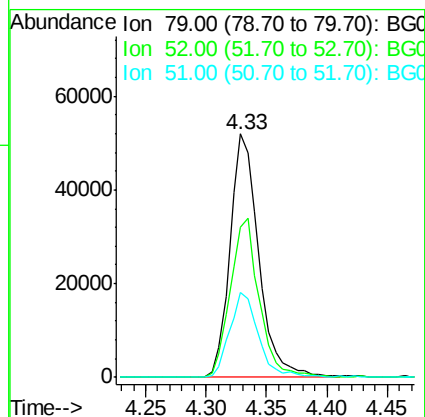
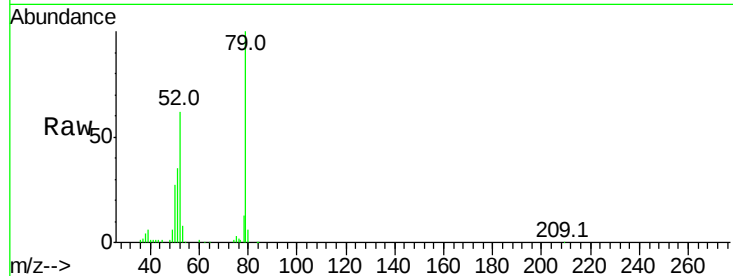
Tot Ion: 79 Resp: 85926

Ion Ratio Lower Upper

79 100

52 61.8 69.9 104.9#

51 34.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 39.037 ng

RT: 4.22 min Scan# 159

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

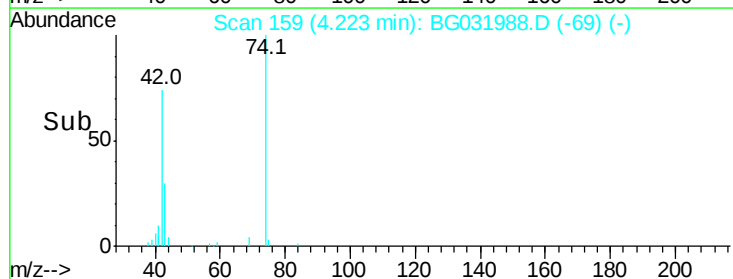
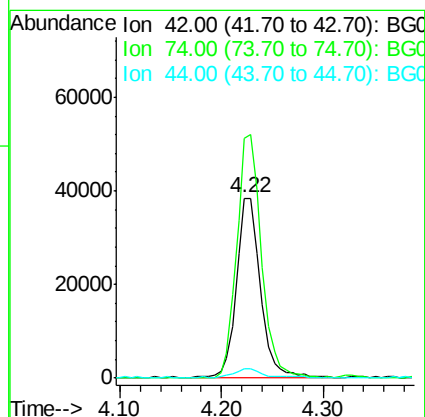
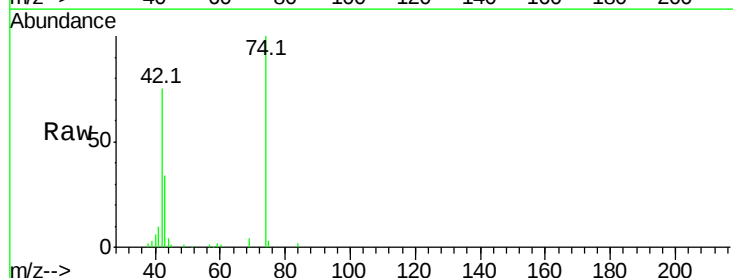
Tgt Ion: 42 Resp: 63869

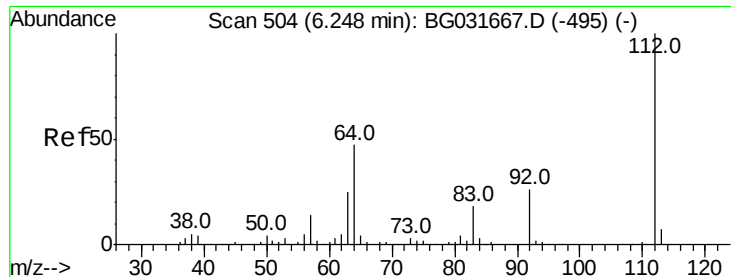
Ion Ratio Lower Upper

42 100

74 133.4 102.5 153.7

44 5.2 18.9 28.3#





#5

2-Fluorophenol

Concen: 124.792 ng

RT: 6.21 min Scan# 497

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampled :

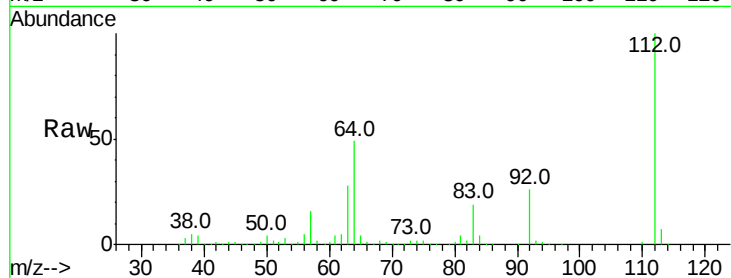
Tot Ion:112 Resp: 510642

Ion Ratio Lower Upper

112 100

64 49.5 56.3 84.5#

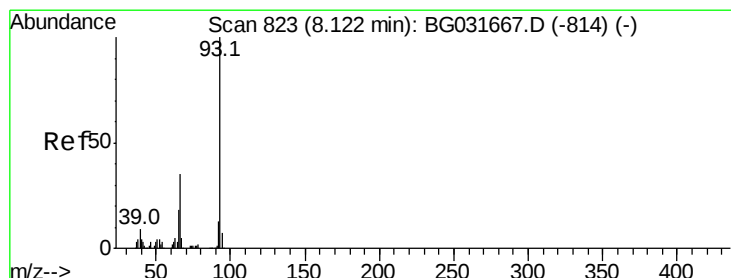
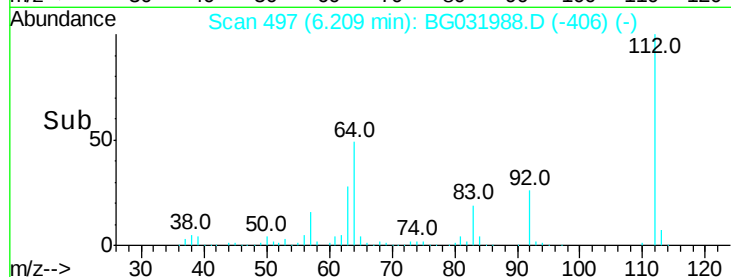
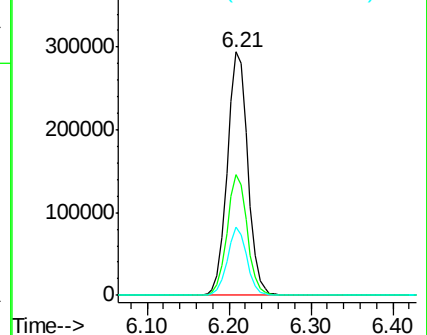
63 27.8 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.014 ng

RT: 8.08 min Scan# 815

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

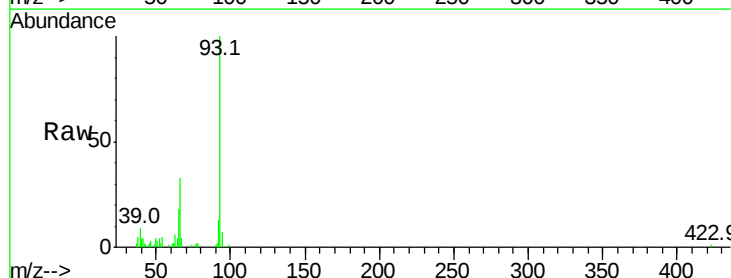
Tgt Ion: 93 Resp: 47942

Ion Ratio Lower Upper

93 100

66 33.4 33.7 50.5#

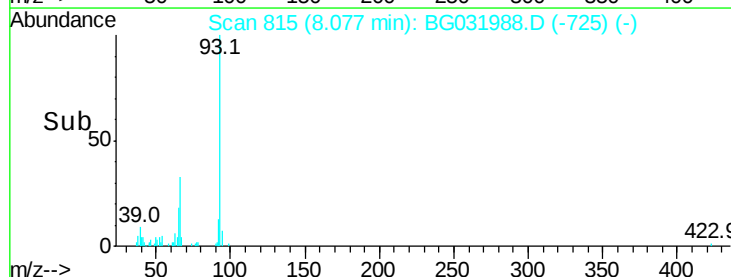
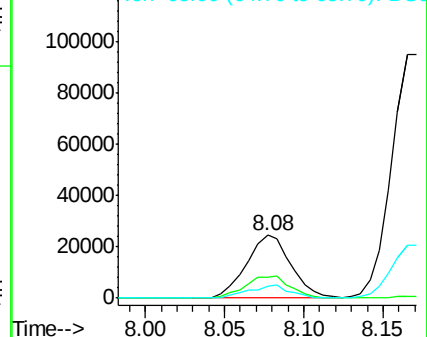
65 18.3 16.1 24.1

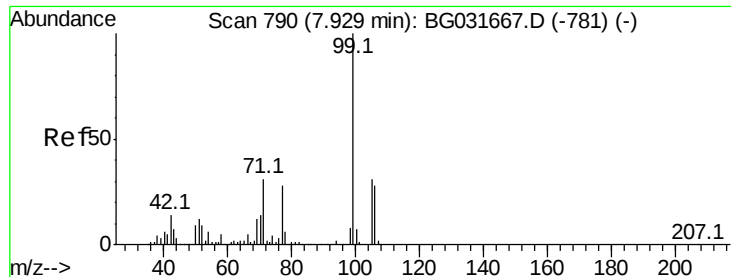


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 111.808 ng

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

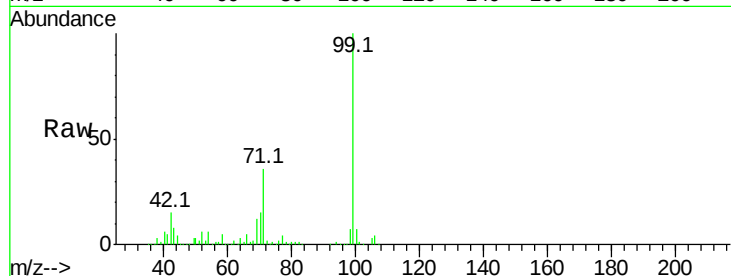
Tot Ion: 99 Resp: 594004

Ion Ratio Lower Upper

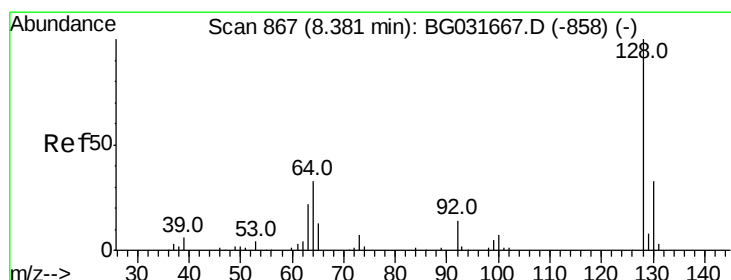
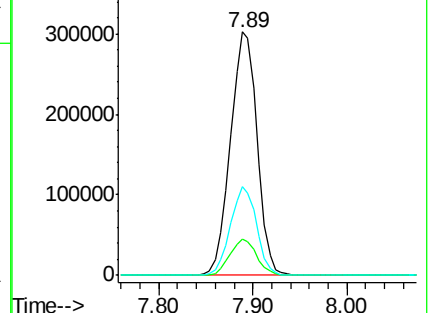
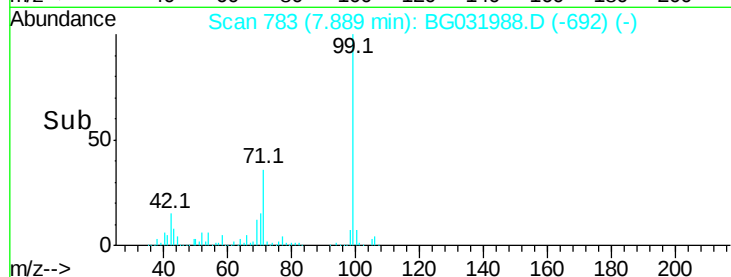
99 100

42 15.1 14.1 21.1

71 36.2 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: 42.483 ng

RT: 8.33 min Scan# 858

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

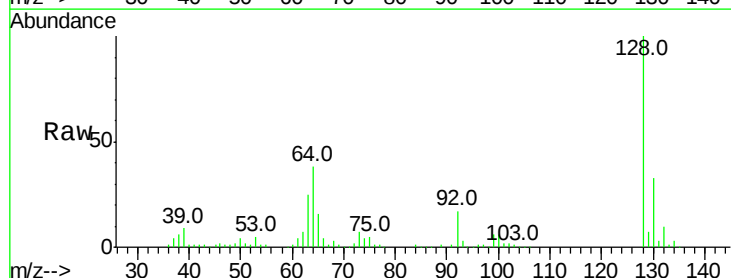
Tgt Ion: 128 Resp: 201649

Ion Ratio Lower Upper

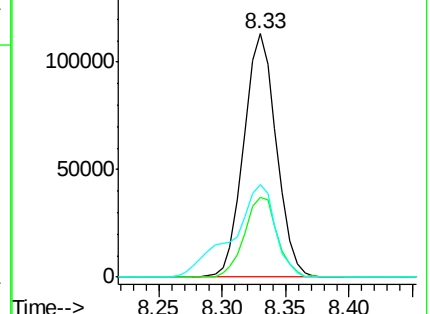
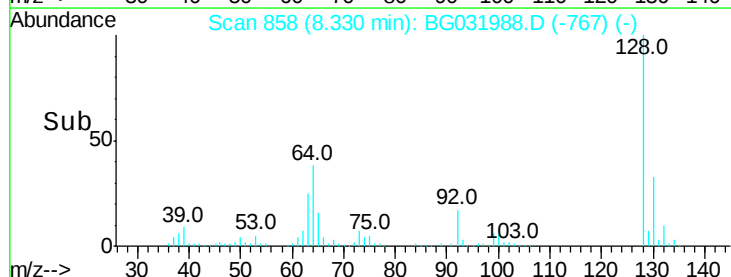
128 100

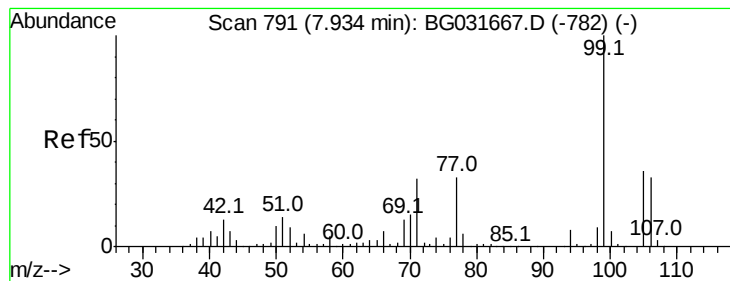
130 32.7 14.0 54.0

64 38.1 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: 9.140 ng

RT: 7.88 min Scan# 781

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

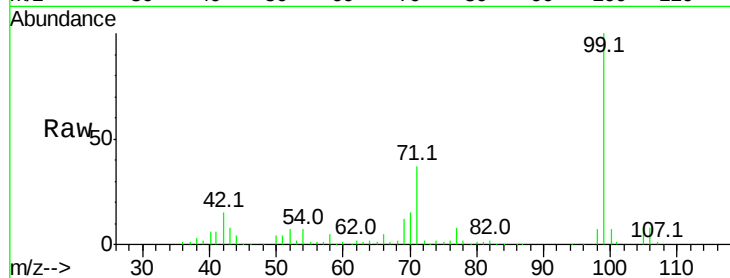
Tot Ion: 77 Resp: 29239

Ion Ratio Lower Upper

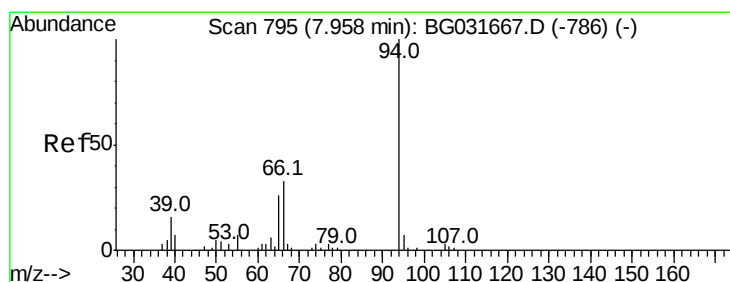
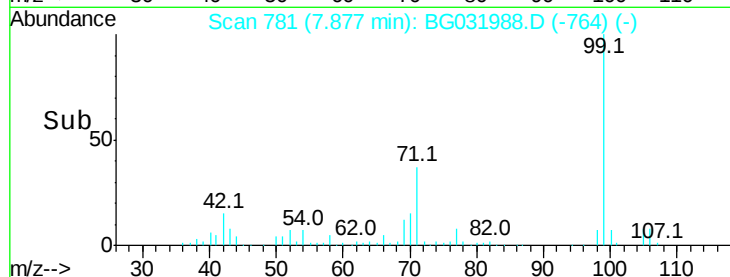
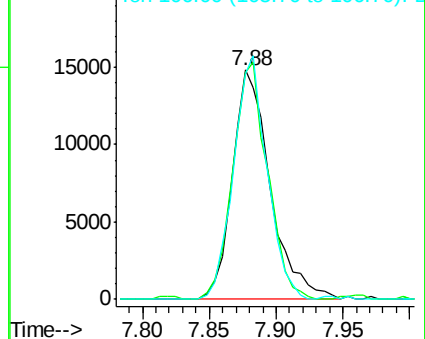
77 100

105 99.2 71.3 111.3

106 98.7 64.2 104.2



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



#10

Phenol

Concen: 35.755 ng

RT: 7.92 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

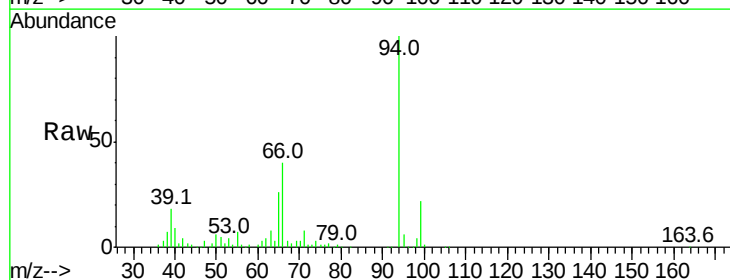
Tgt Ion: 94 Resp: 191779

Ion Ratio Lower Upper

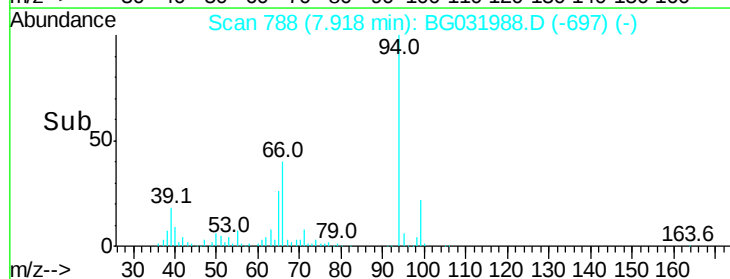
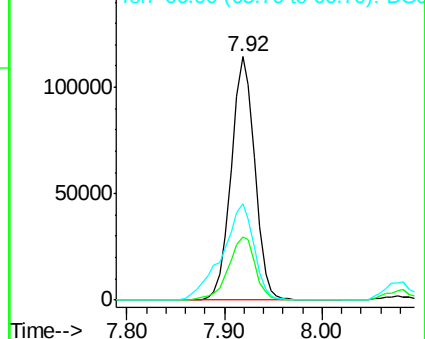
94 100

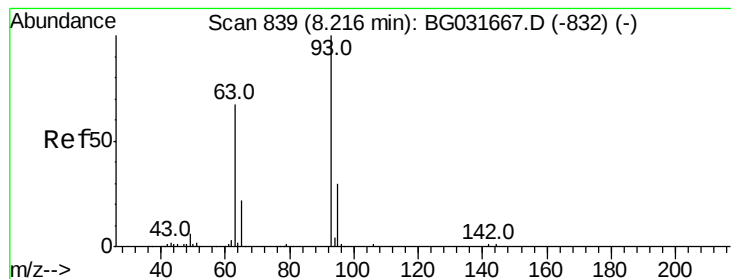
65 25.7 11.9 51.9

66 39.8 22.2 62.2



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

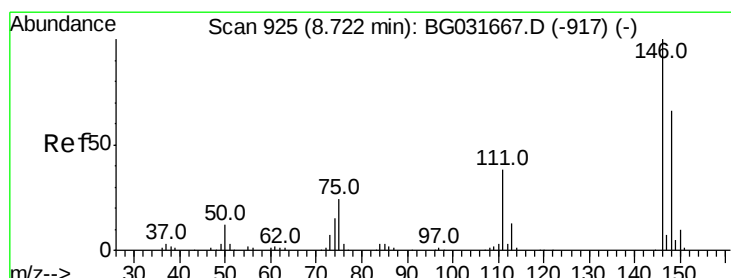
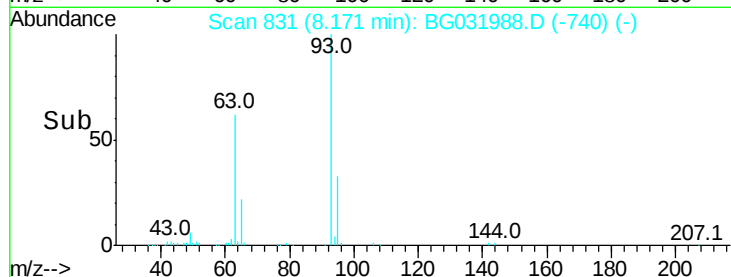
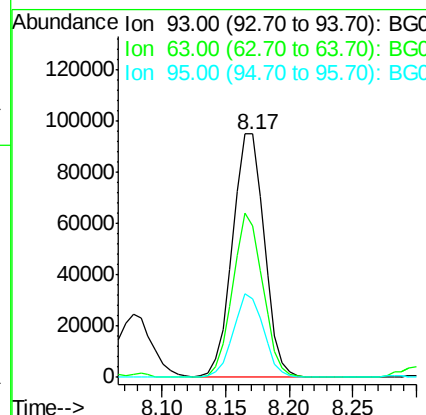
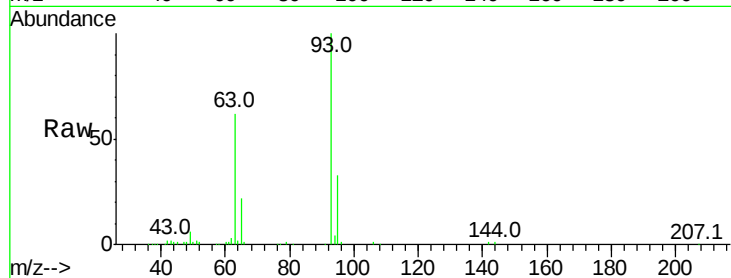




#11
bis(2-Chloroethyl)ether
Concen: 37.114 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

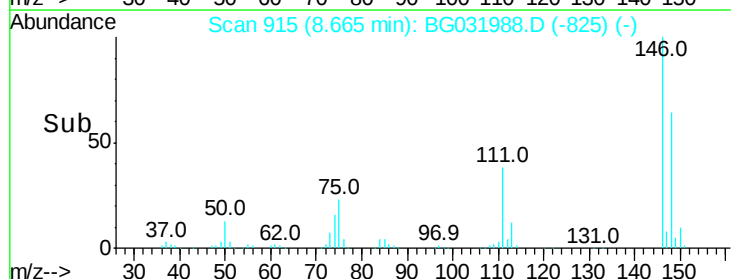
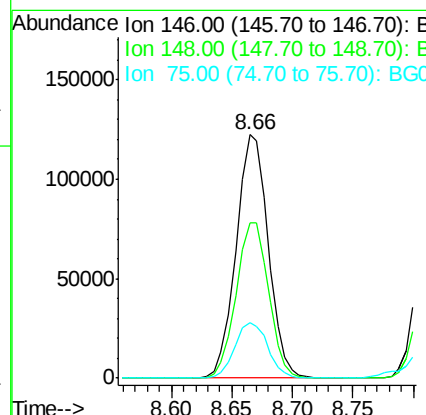
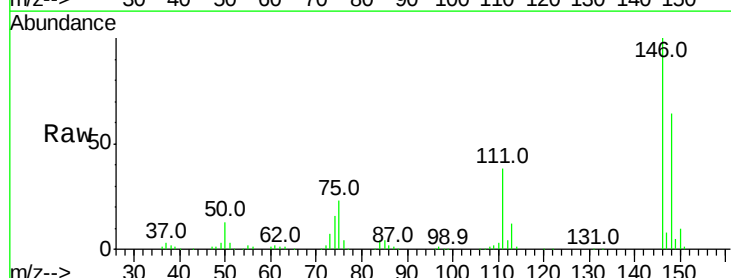
Instrument :
BNA_G
ClientSampleId :

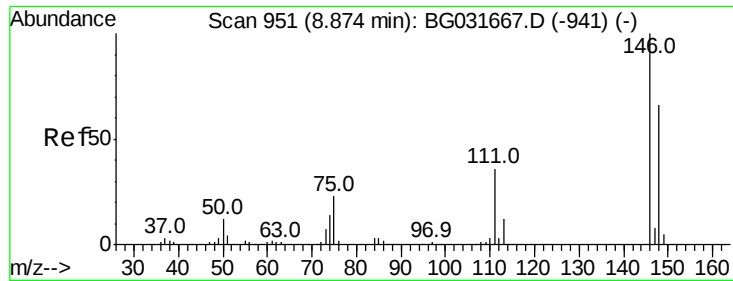
Tot Ion: 93 Resp: 165324
Ion Ratio Lower Upper
93 100
63 62.3 67.1 107.1#
95 32.5 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 38.406 ng
RT: 8.66 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion: 146 Resp: 226381
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 22.9 26.6 39.8#





#13

1,4-Dichlorobenzene

Concen: 38.332 ng

RT: 8.82 min Scan# 941

Delta R.T. -0.00 min

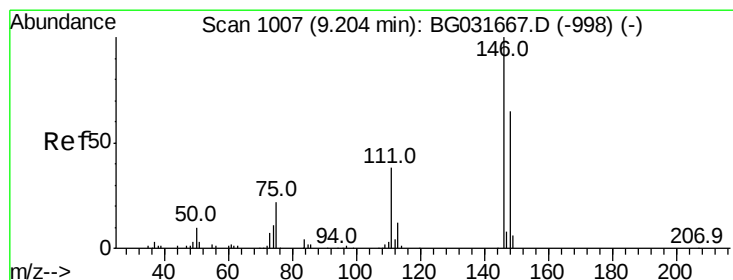
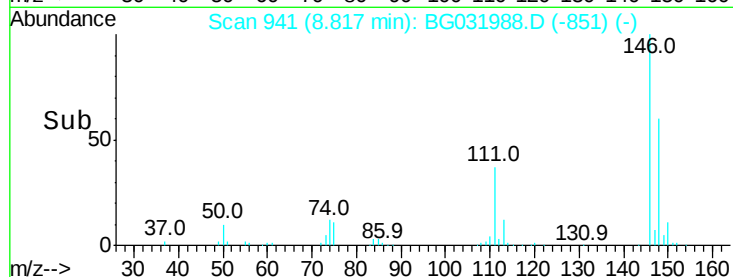
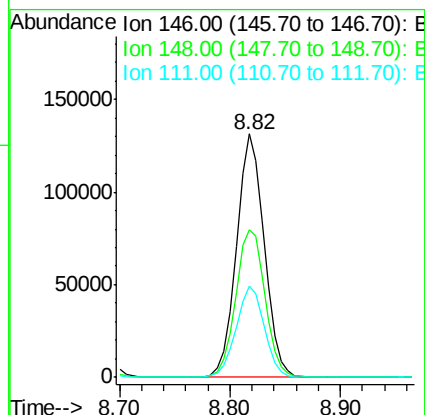
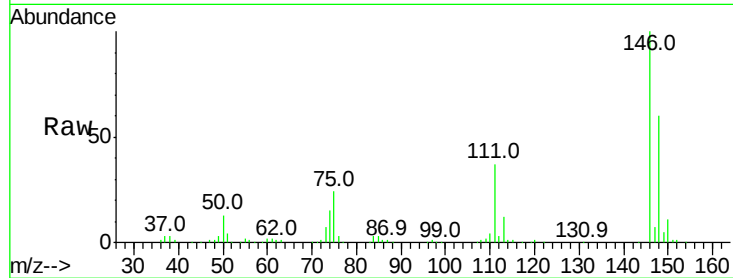
Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 230804

Ion	Ratio	Lower	Upper
146	100		
148	60.4	53.7	80.5
111	37.4	35.2	52.8



#14

1,2-Dichlorobenzene

Concen: 38.831 ng

RT: 9.15 min Scan# 998

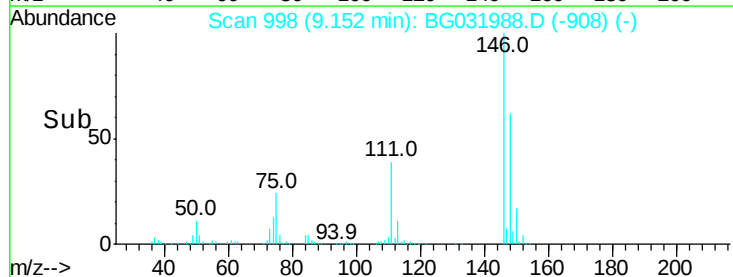
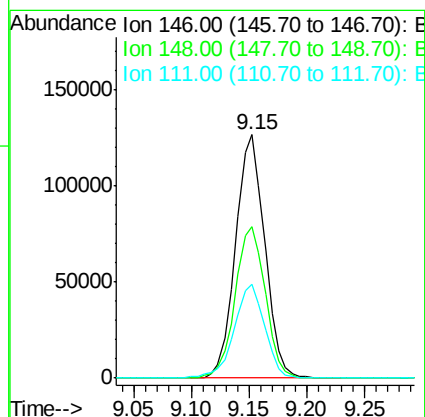
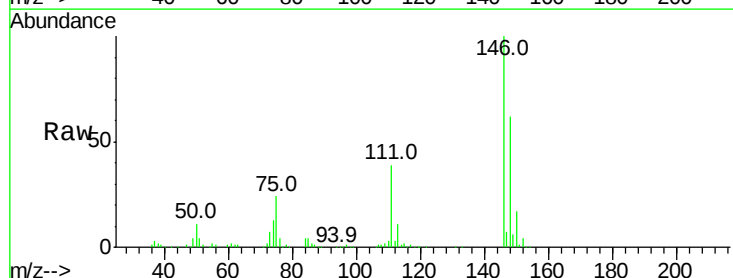
Delta R.T. -0.00 min

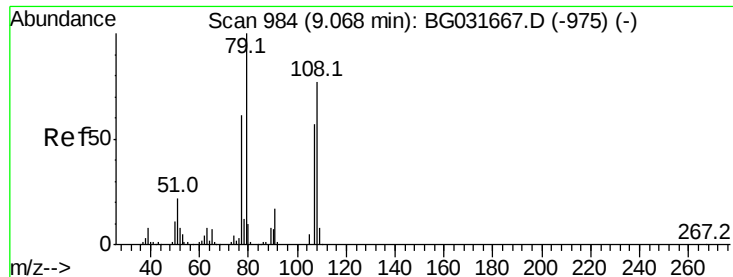
Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion:146 Resp: 221543

Ion	Ratio	Lower	Upper
146	100		
148	62.3	49.3	73.9
111	38.7	34.3	51.5





#15

Benzyl Alcohol

Concen: 41.344 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

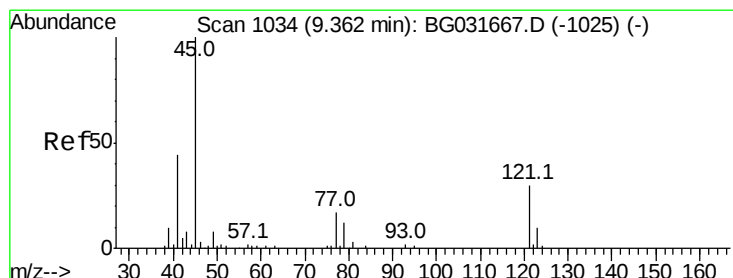
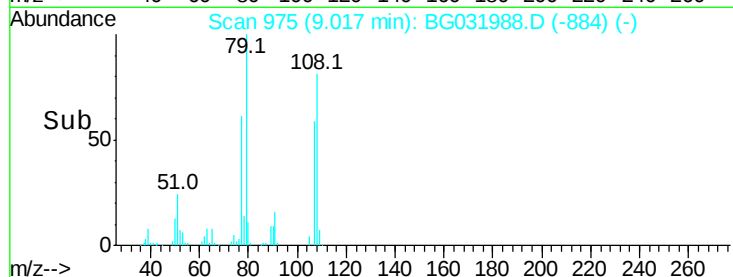
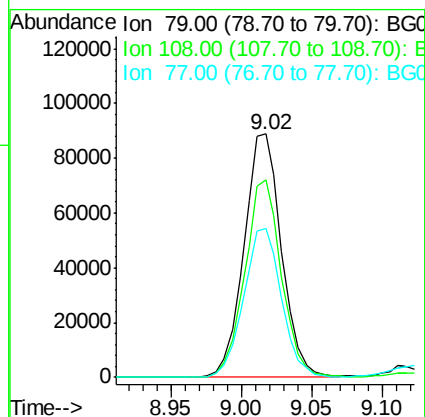
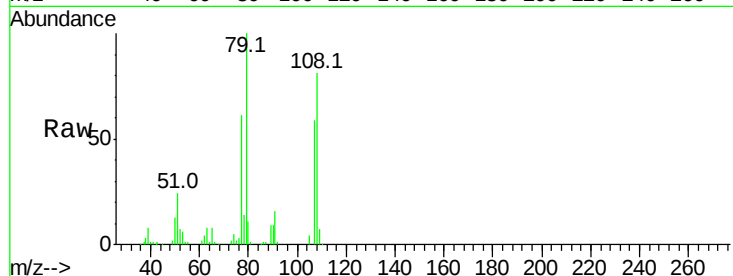
Tot Ion: 79 Resp: 164889

Ion Ratio Lower Upper

79 100

108 81.0 57.2 85.8

77 60.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.012 ng

RT: 9.31 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

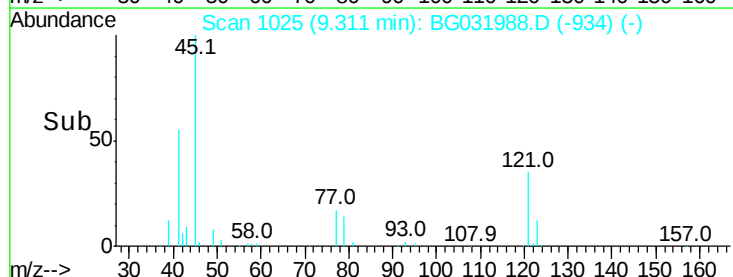
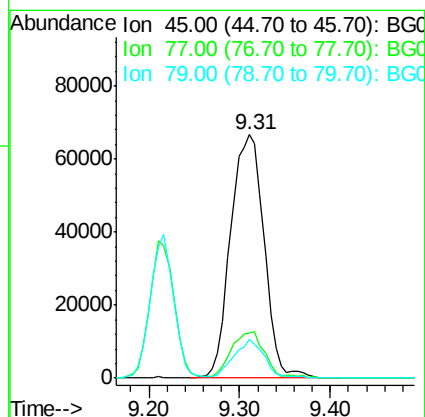
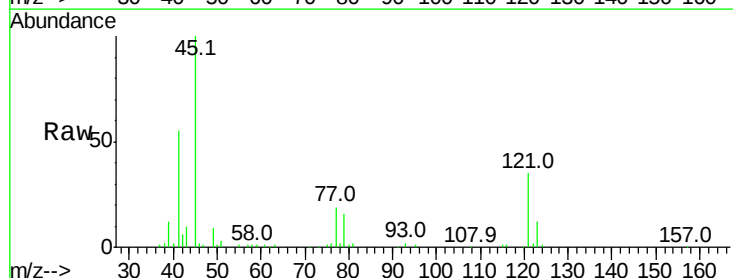
Tgt Ion: 45 Resp: 170541

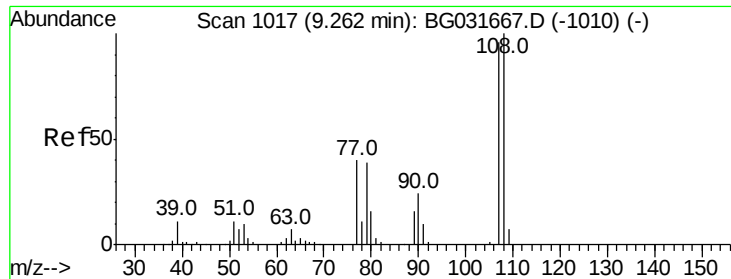
Ion Ratio Lower Upper

45 100

77 18.7 0.0 30.2

79 15.9 0.0 27.9





#17

2-Methylphenol

Concen: 40.895 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 156947

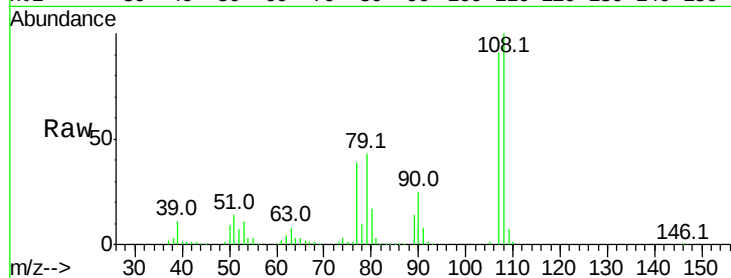
Ion Ratio Lower Upper

107 100

108 109.3 83.9 125.9

77 42.7 37.2 55.8

79 46.6 36.2 54.2

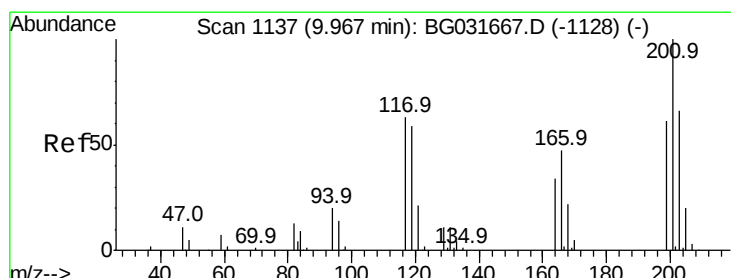
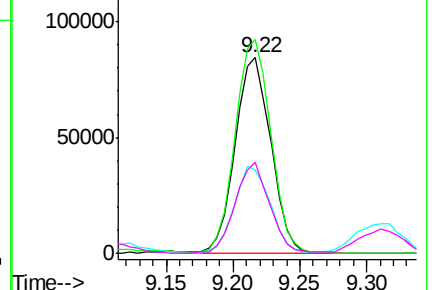
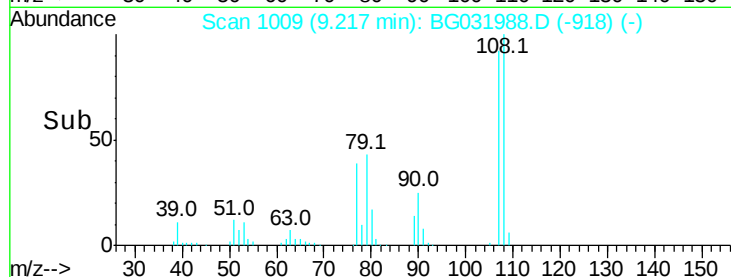


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.695 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

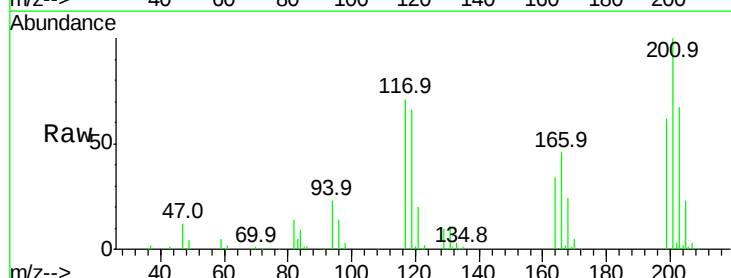
Tgt Ion:117 Resp: 76038

Ion Ratio Lower Upper

117 100

119 92.1 76.7 115.1

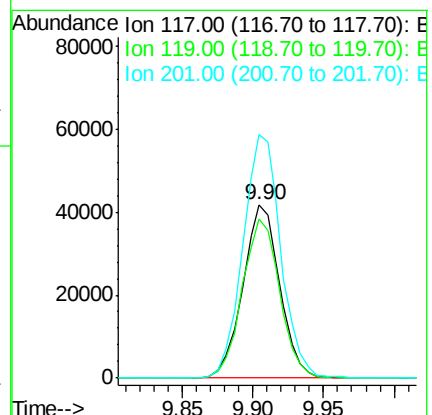
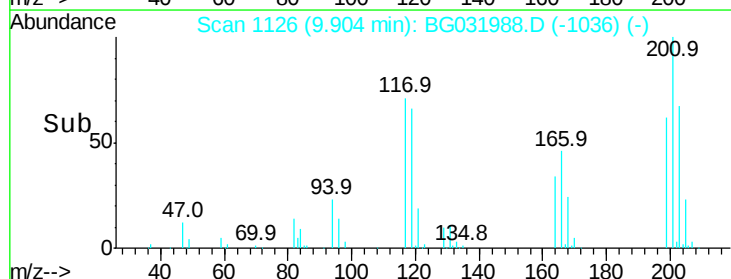
201 140.5 95.7 143.5

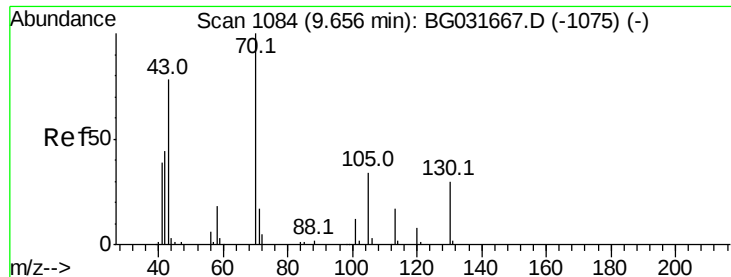


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

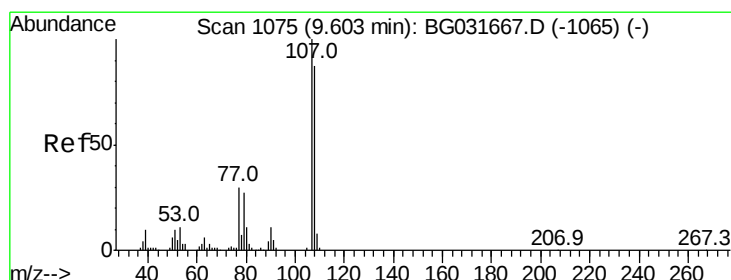
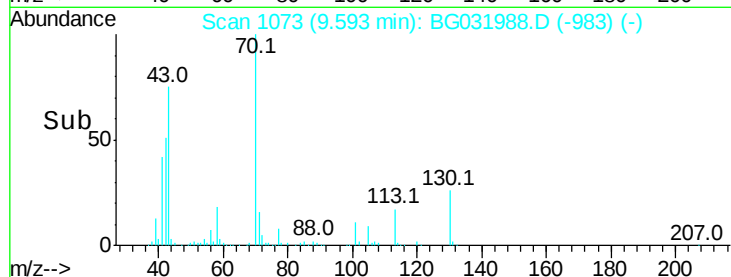
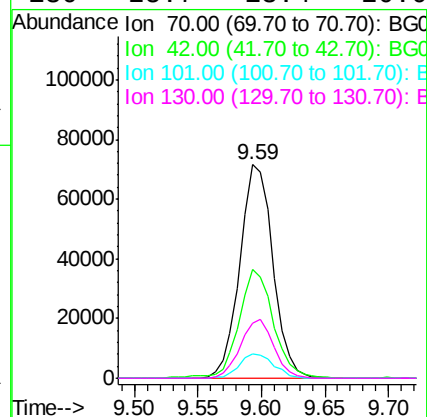
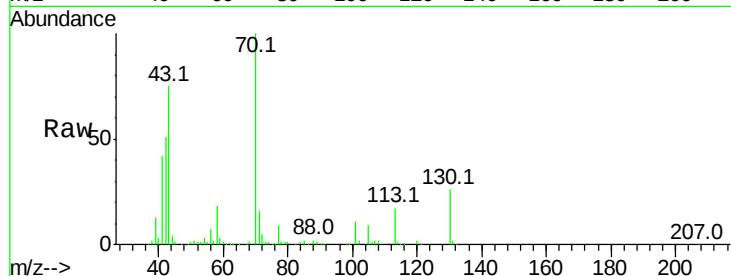




#19
n-Nitroso-di-n-propylamine
Concen: 35.732 ng
RT: 9.59 min Scan# 1073
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

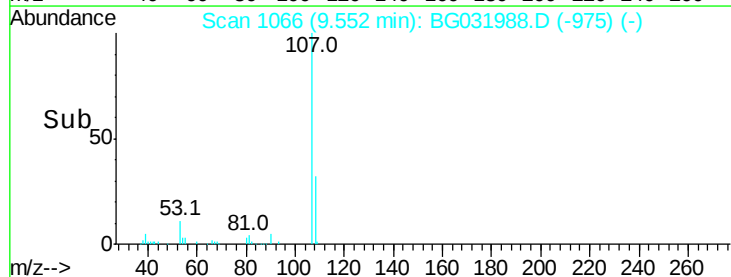
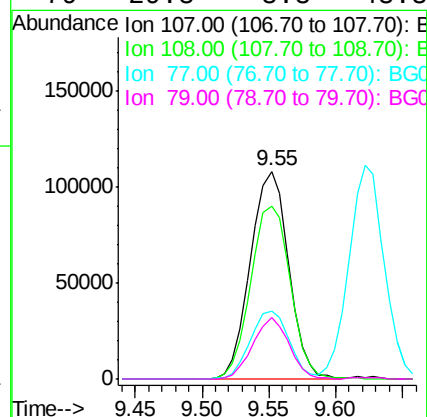
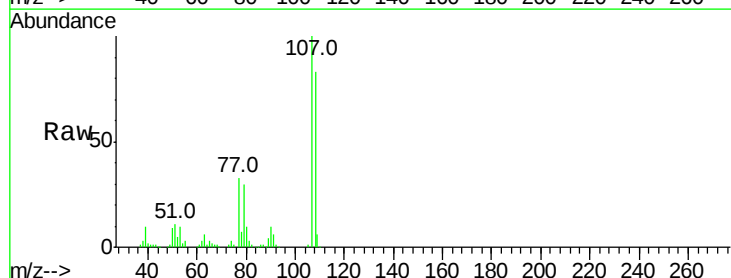
Instrument :
BNA_G
ClientSampleId :

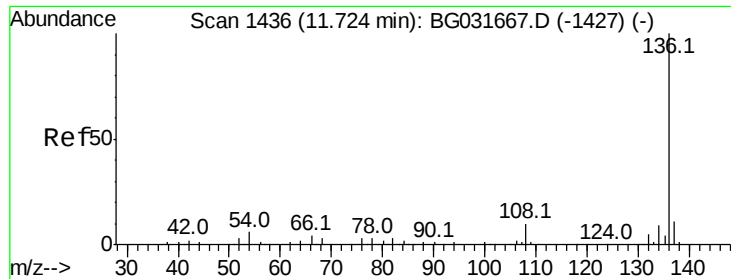
Tot Ion: 70 Resp: 129645
Ion Ratio Lower Upper
70 100
42 50.9 49.1 73.7
101 11.2 8.5 12.7
130 25.7 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.210 ng
RT: 9.55 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion: 107 Resp: 213871
Ion Ratio Lower Upper
107 100
108 83.1 61.6 101.6
77 32.7 13.9 53.9
79 29.8 8.8 48.8

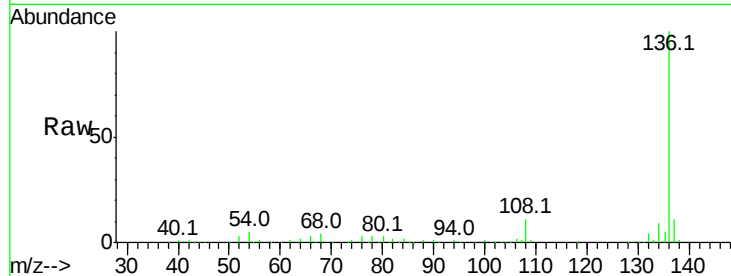




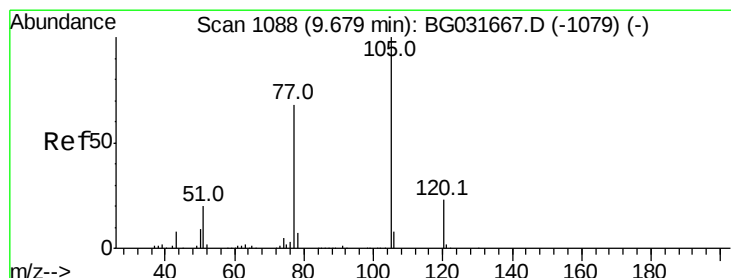
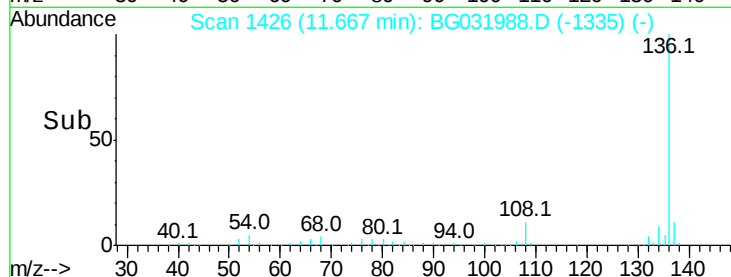
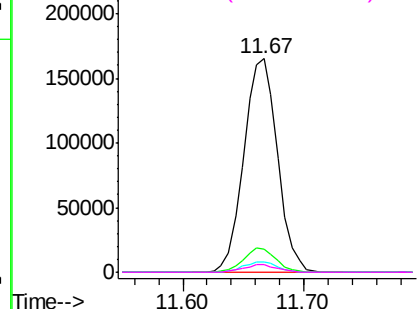
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	319613
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	5.3	10.3 15.5#
68	3.6	4.5 6.7#

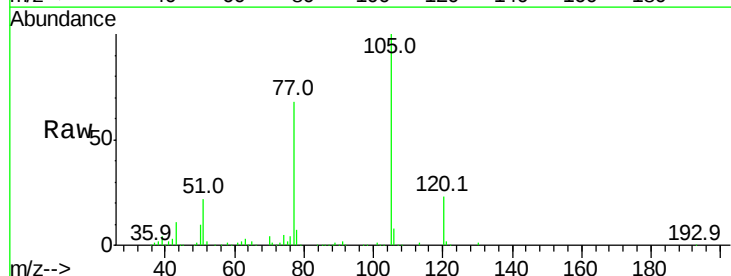


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

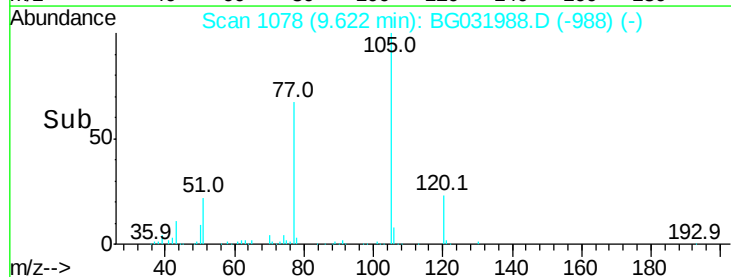
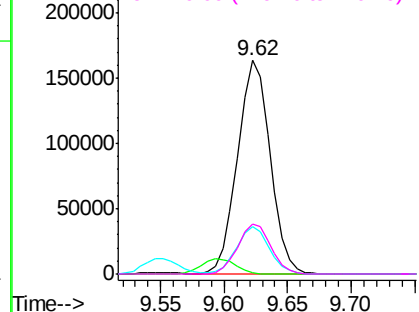


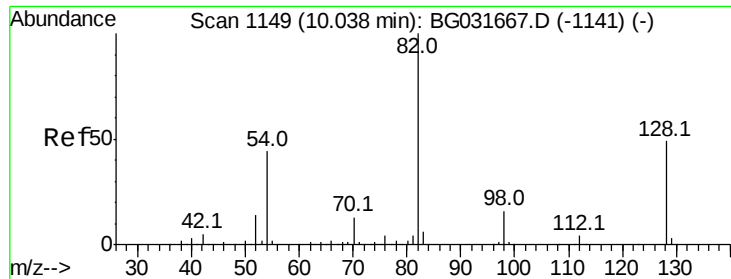
#22
Acetophenone
Concen: 39.337 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:105	Resp:	292099
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	22.4	26.1 39.1#
120	23.4	17.4 26.2



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

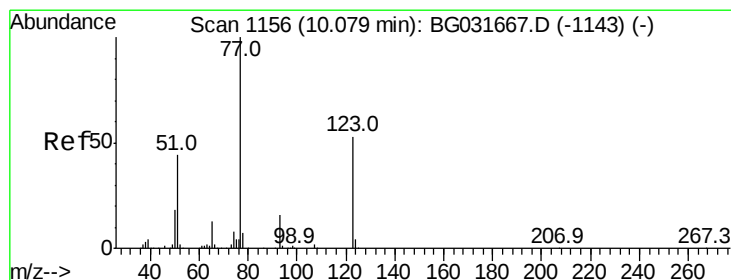
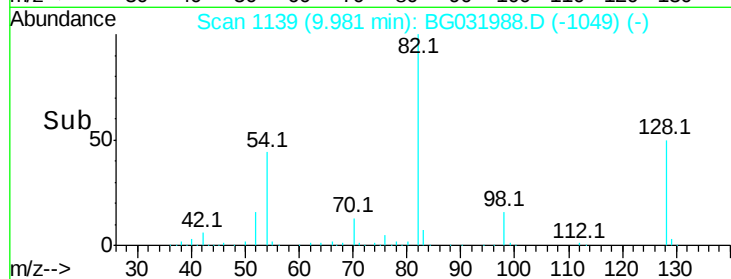
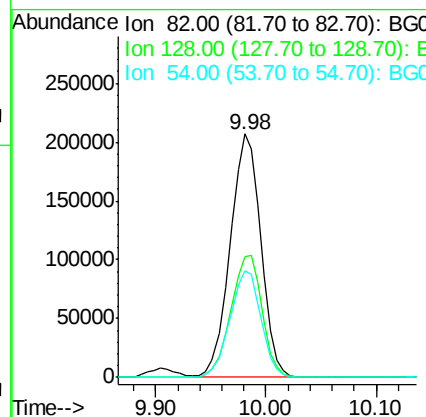
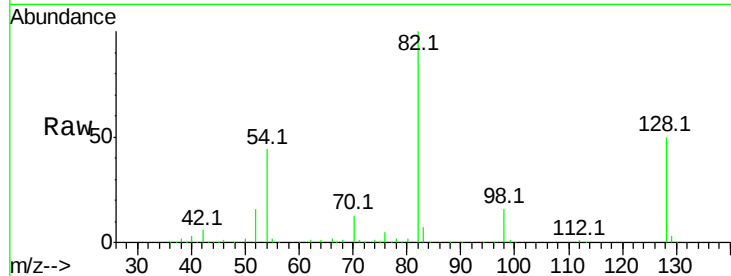




#23
 Nitrobenzene-d5
 Concen: 95.048 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

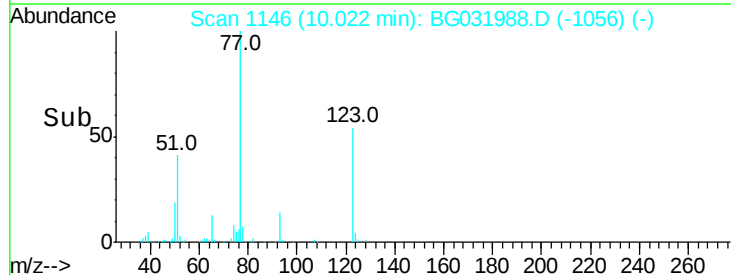
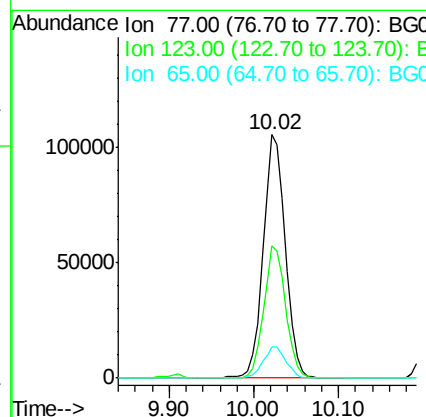
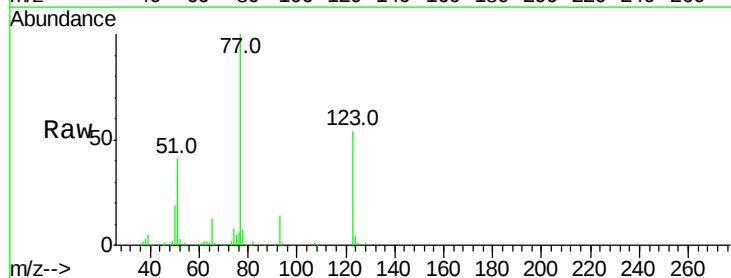
Instrument :
 BNA_G
 ClientSampleId :

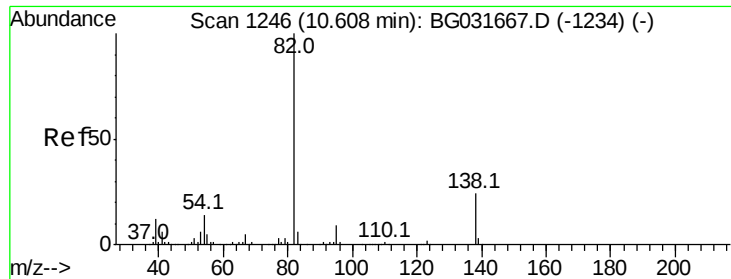
Tot Ion	82	Resp	402299
Ion Ratio	Lower	Upper	
82	100		
128	49.8	29.7	44.5#
54	44.0	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.472 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion	77	Resp	193998
Ion Ratio	Lower	Upper	
77	100		
123	54.1	33.0	49.6#
65	13.0	13.0	19.6#





#25

Isophorone

Concen: 39.719 ng

RT: 10.54 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

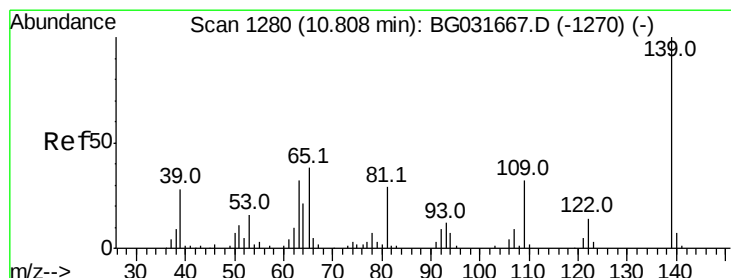
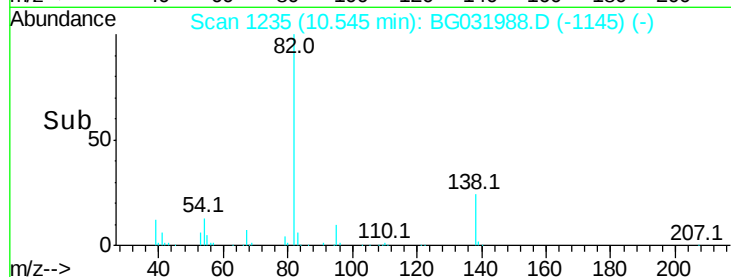
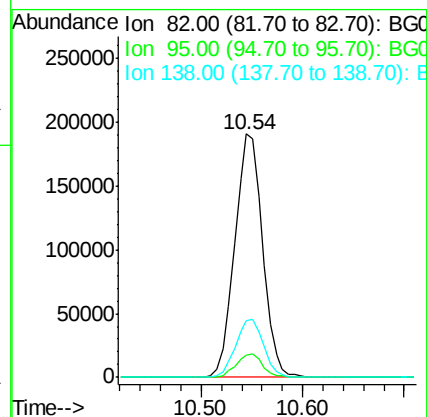
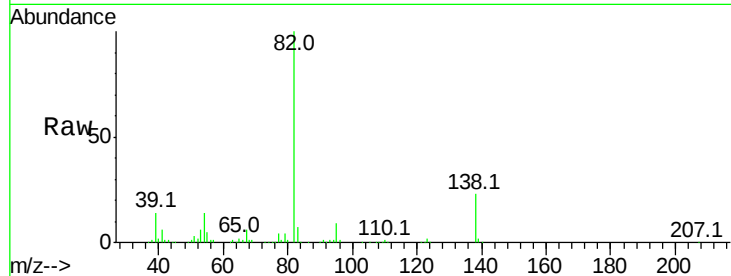
Tot Ion: 82 Resp: 361905

Ion Ratio Lower Upper

82 100

95 9.2 6.2 9.2#

138 23.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 52.687 ng

RT: 10.75 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

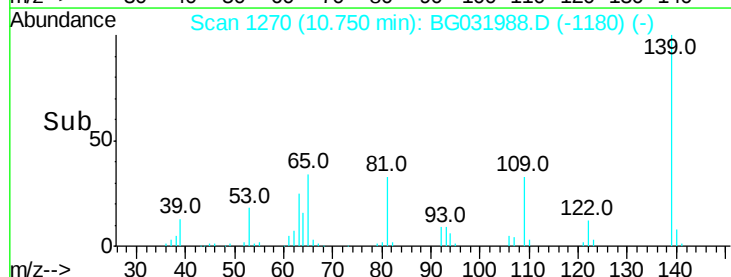
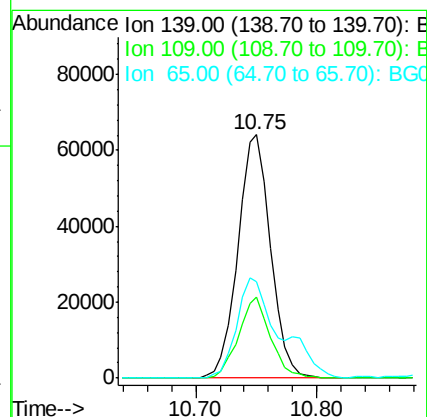
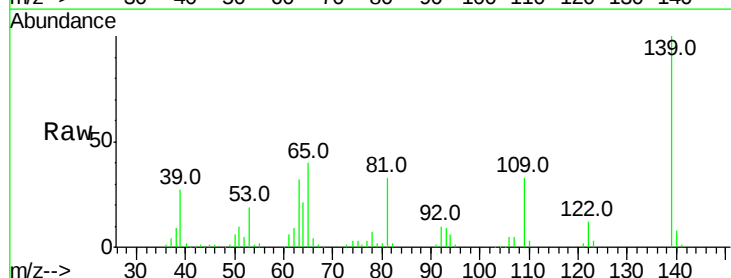
Tgt Ion: 139 Resp: 120507

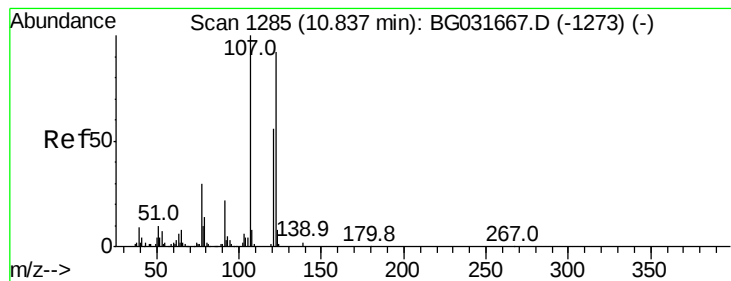
Ion Ratio Lower Upper

139 100

109 33.2 24.2 36.2

65 39.8 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 42.887 ng

RT: 10.79 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

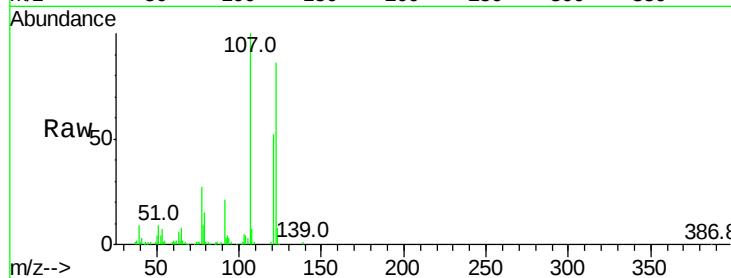
Tot Ion:122 Resp: 206414

Ion Ratio Lower Upper

122 100

107 116.6 100.2 150.2

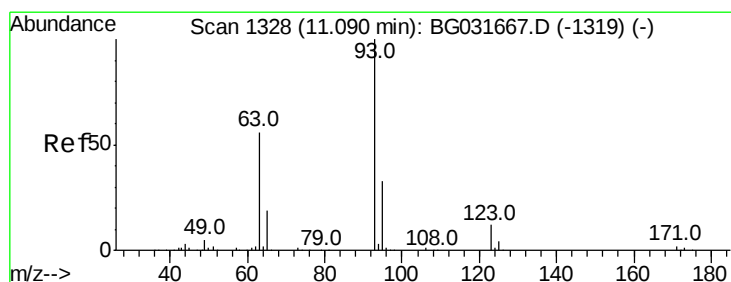
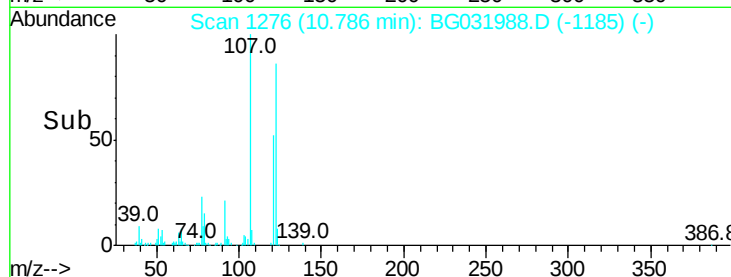
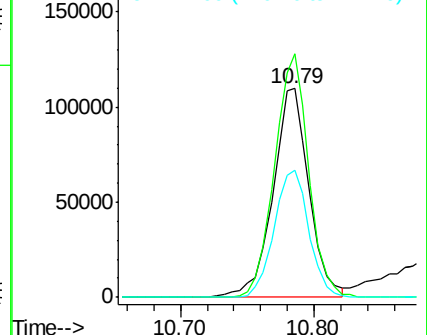
121 60.6 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 38.505 ng

RT: 11.03 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

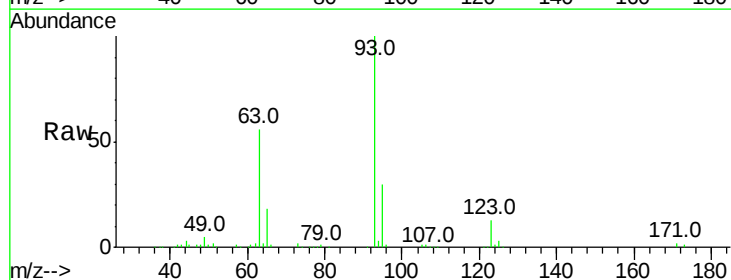
Tgt Ion: 93 Resp: 235410

Ion Ratio Lower Upper

93 100

95 30.1 24.3 36.5

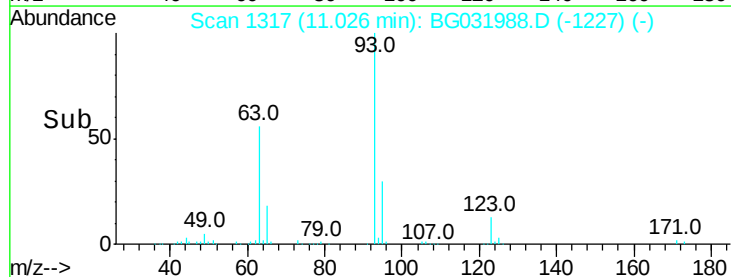
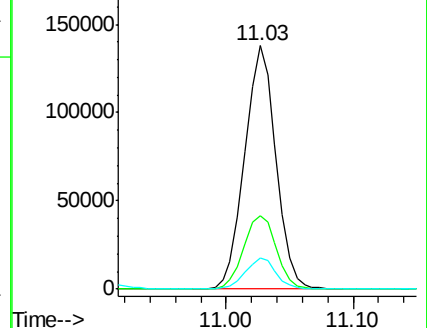
123 12.6 8.4 12.6

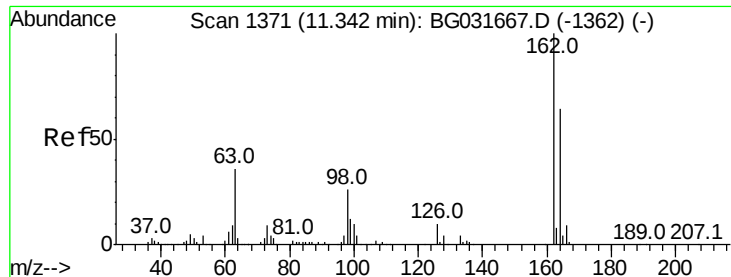


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

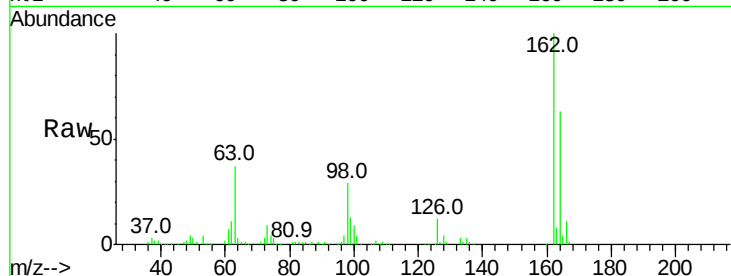




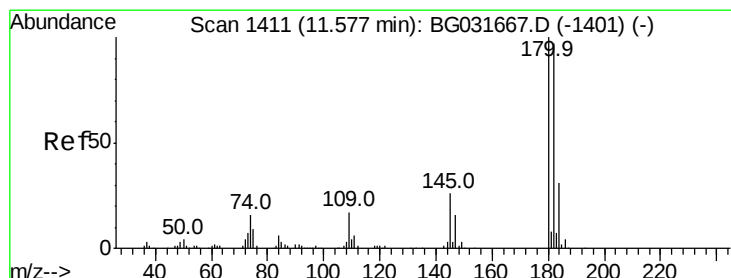
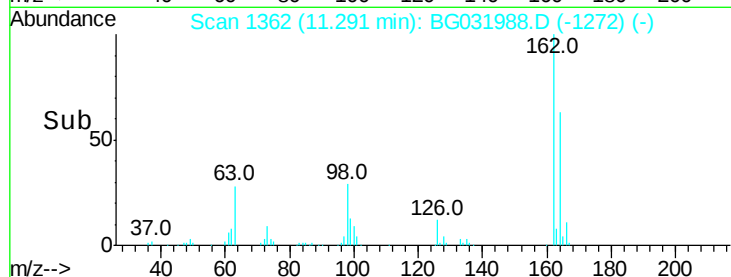
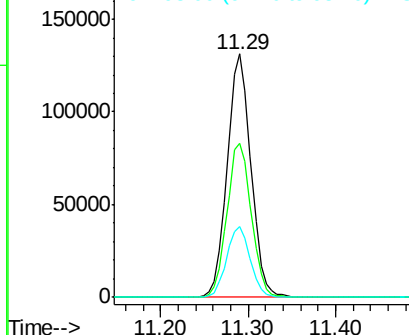
#29
 2,4-Dichlorophenol
 Concen: 43.010 ng
 RT: 11.29 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.3	48.0	88.0
98	29.0	21.1	61.1

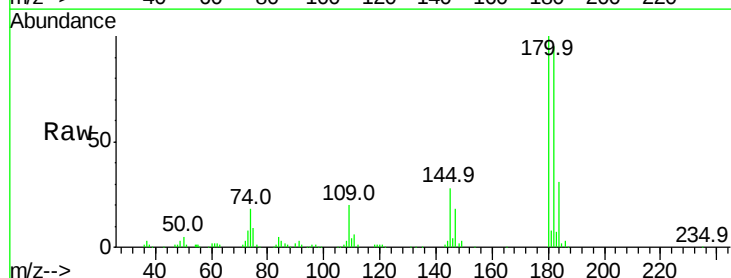


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

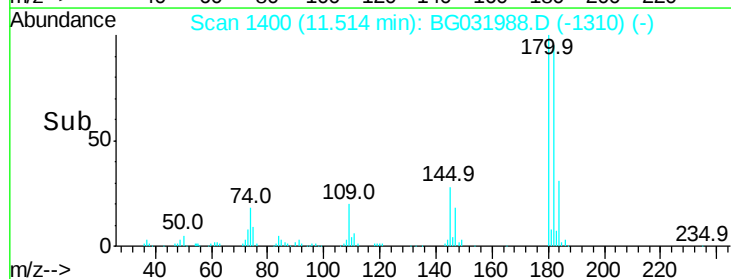
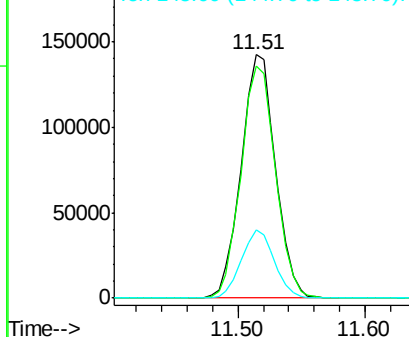


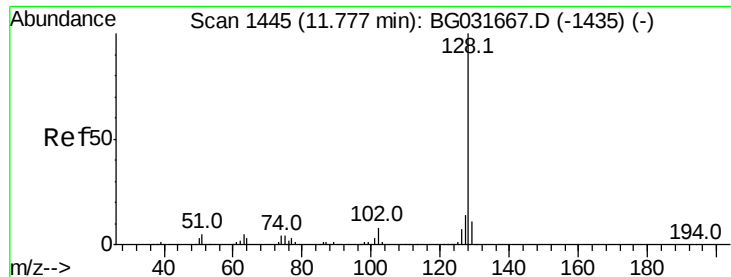
#30
 1,2,4-Trichlorobenzene
 Concen: 38.754 ng
 RT: 11.51 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.5	116.3
145	27.9	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

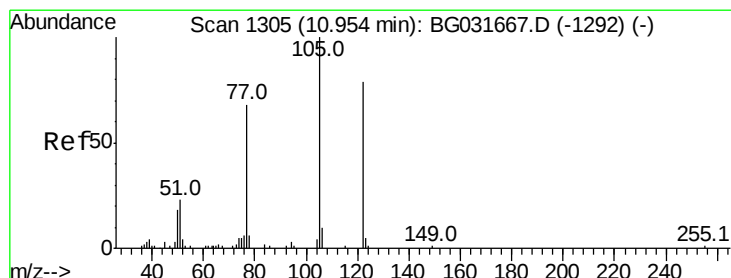
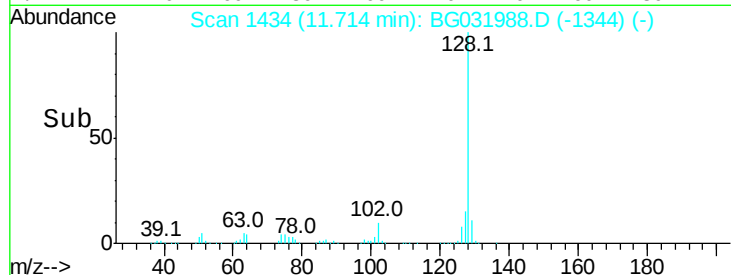
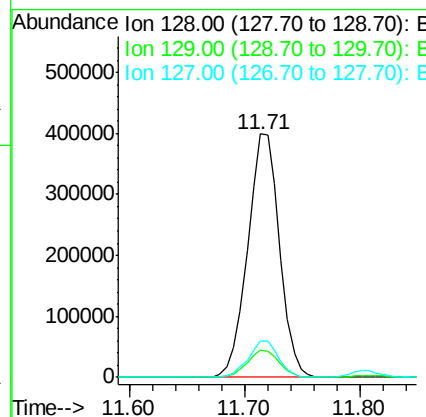
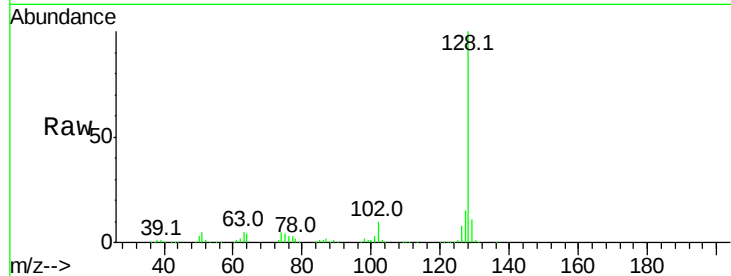




#31
Naphthalene
Concen: 47.188 ng
RT: 11.71 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

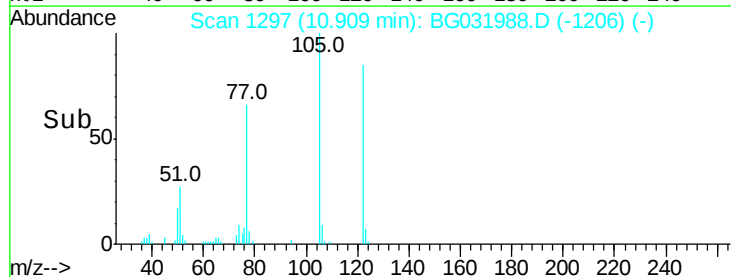
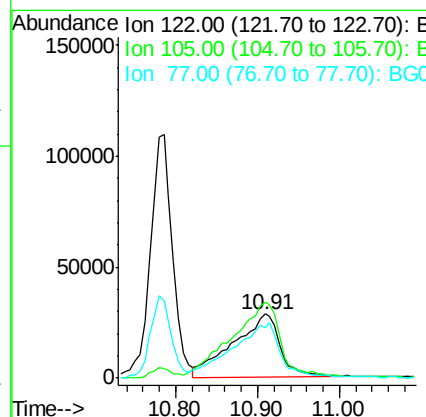
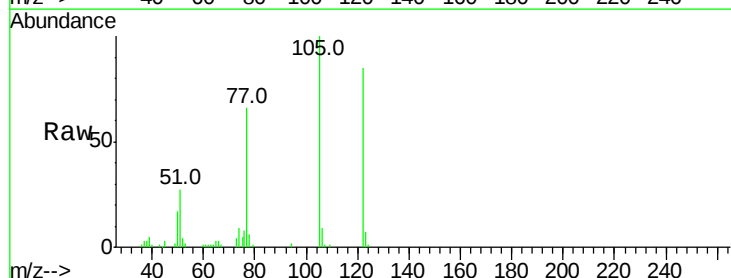
Instrument :
BNA_G
ClientSampleId :

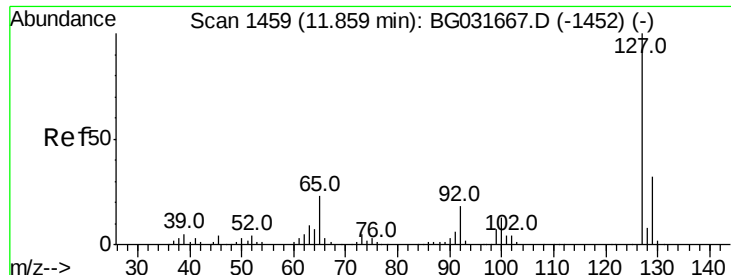
Tot Ion:128 Resp: 761155
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 14.7 11.6 17.4



#32
Benzoic acid
Concen: 36.422 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:122 Resp: 113382
Ion Ratio Lower Upper
122 100
105 117.9 123.5 163.5#
77 78.2 85.7 125.7#

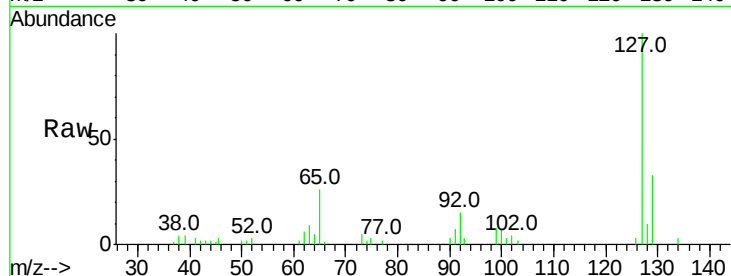




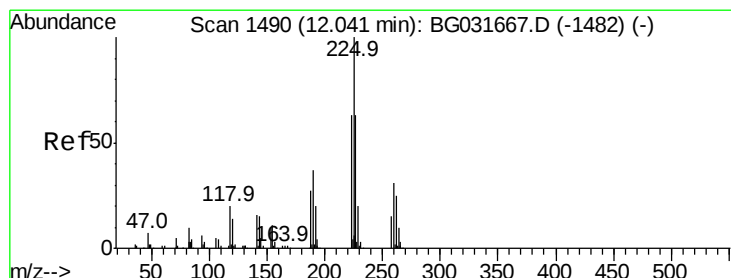
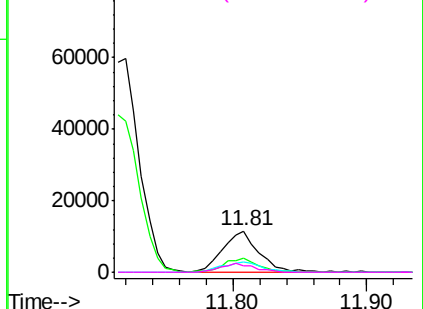
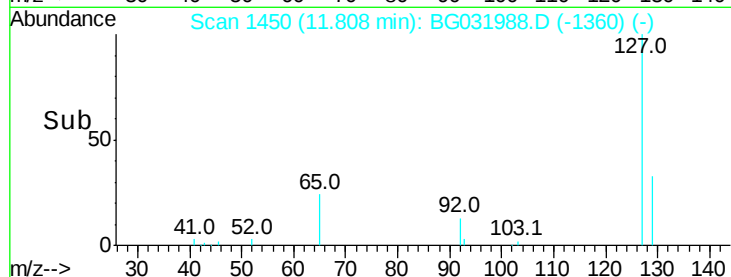
#33
4-Chloroaniline
Concen: 3.064 ng
RT: 11.81 min Scan# 1450
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127 Resp: 22007
Ion Ratio Lower Upper
127 100
129 32.8 24.0 36.0
65 25.5 27.0 40.4#
92 15.1 16.6 25.0#

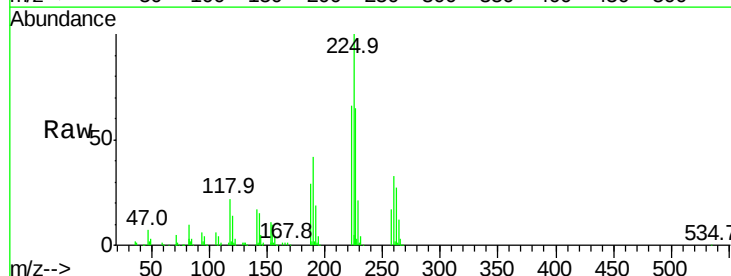


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

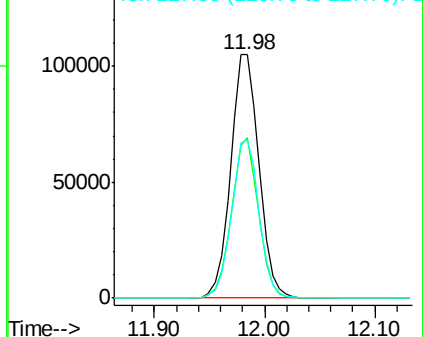
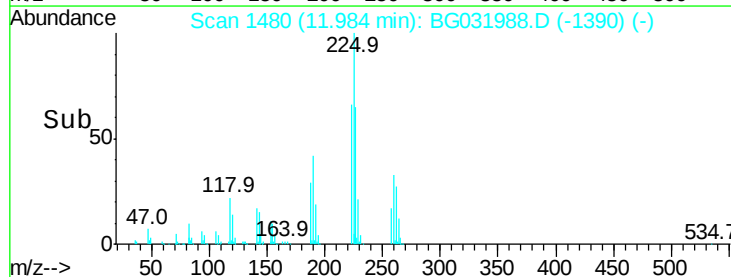


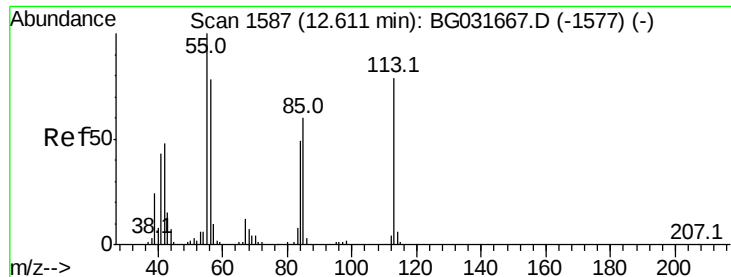
#34
Hexachlorobutadiene
Concen: 39.854 ng
RT: 11.98 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:225 Resp: 188758
Ion Ratio Lower Upper
225 100
223 65.9 49.7 74.5
227 64.7 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: 30.980 ng

RT: 12.56 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

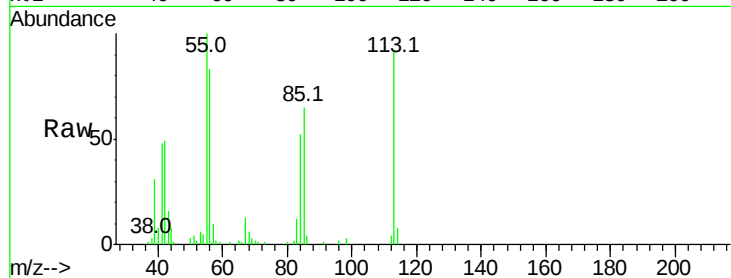
Tot Ion:113 Resp: 53058

Ion Ratio Lower Upper

113 100

55 108.4 186.9 226.9#

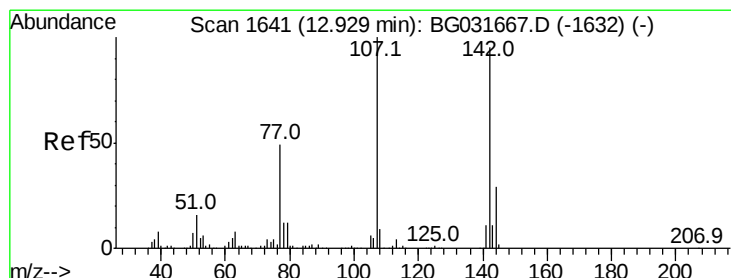
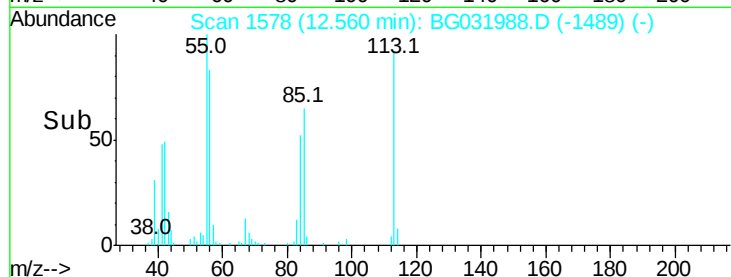
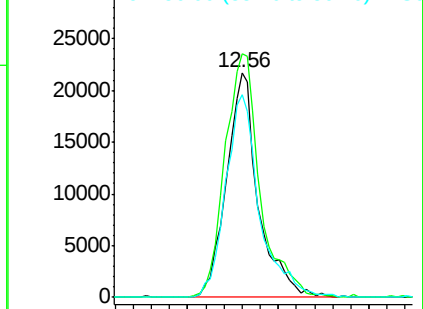
56 90.3 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031667.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031667.D (-1577) (-)



#36

4-Chloro-3-methylphenol

Concen: 40.979 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

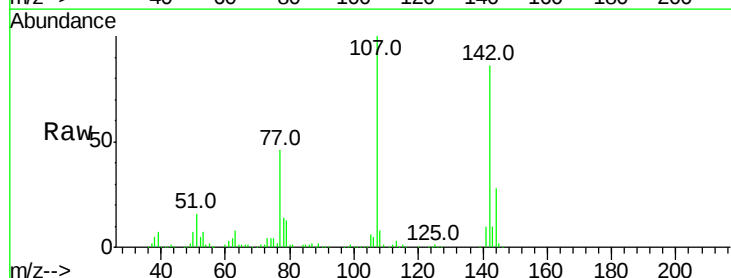
Tgt Ion:107 Resp: 213842

Ion Ratio Lower Upper

107 100

144 28.3 18.2 27.4#

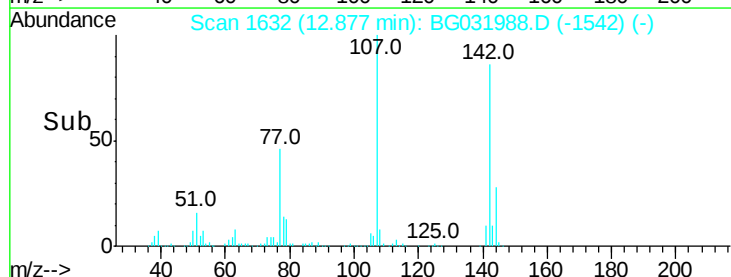
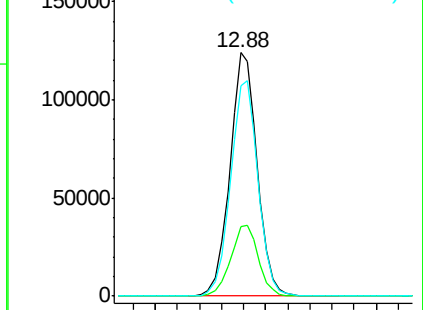
142 86.3 59.0 88.4

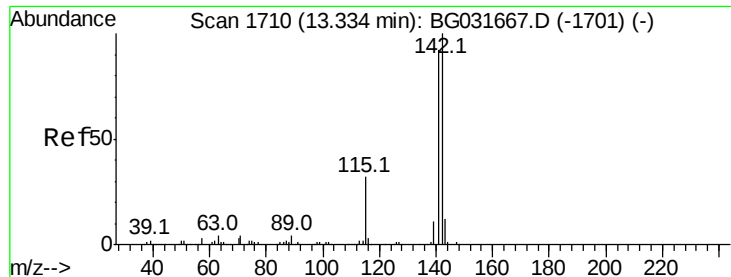


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

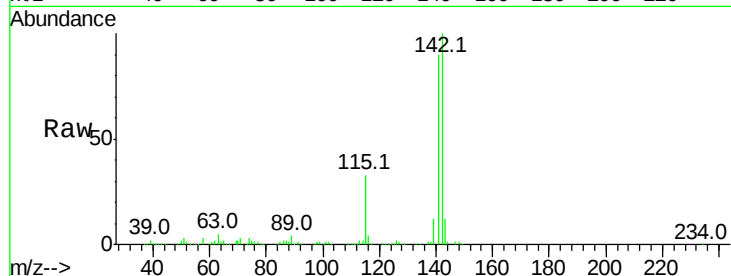




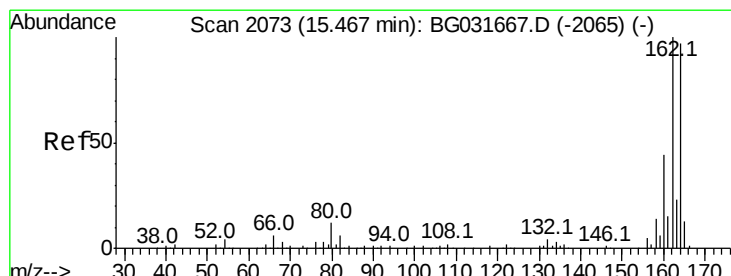
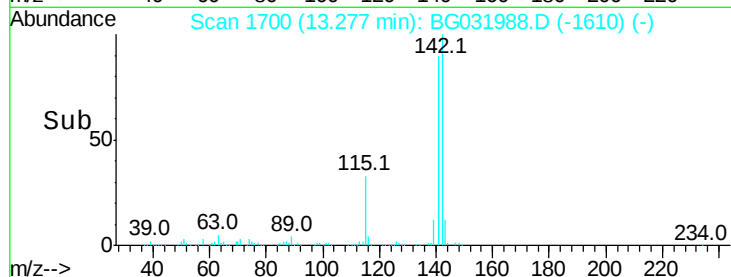
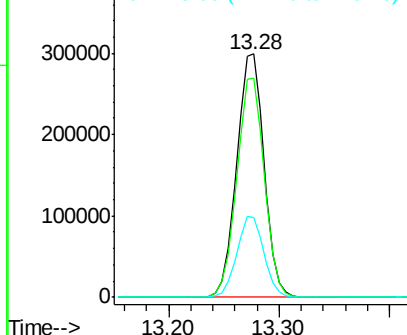
#37
2-Methylnaphthalene
Concen: 39.873 ng
RT: 13.28 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 521388
Ion Ratio Lower Upper
142 100
141 90.0 67.1 100.7
115 32.6 30.7 46.1

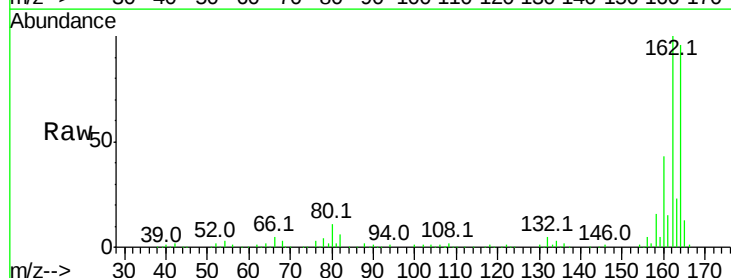


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

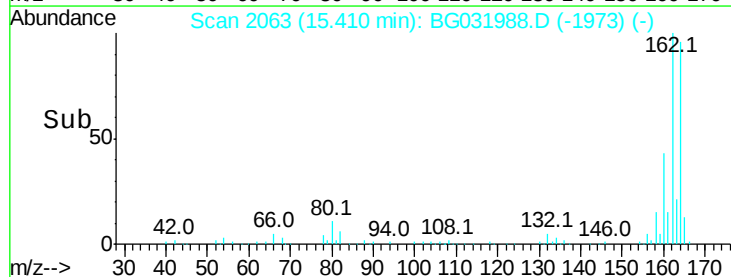
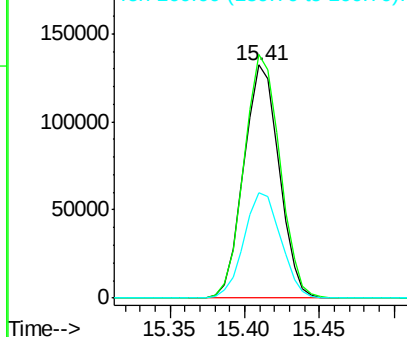


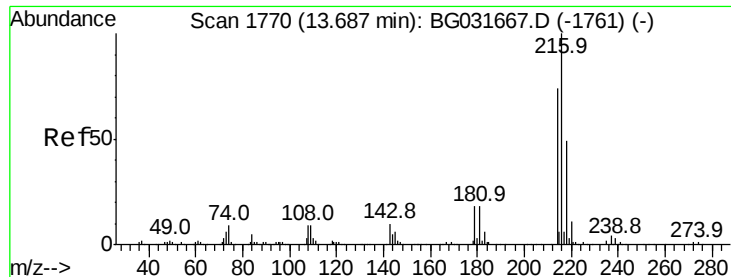
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.41 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:164 Resp: 216381
Ion Ratio Lower Upper
164 100
162 104.5 78.8 118.2
160 45.3 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

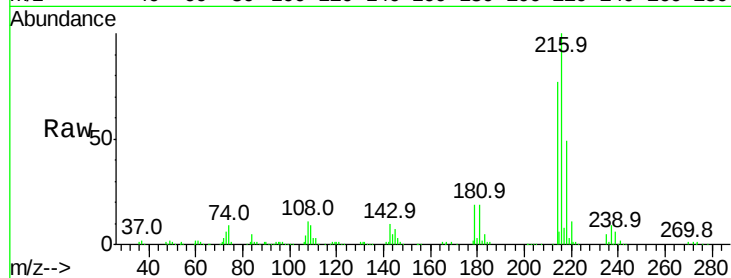




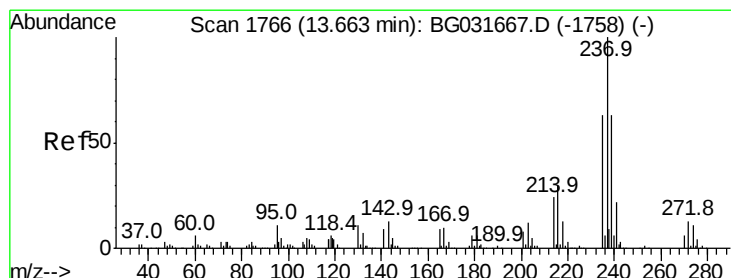
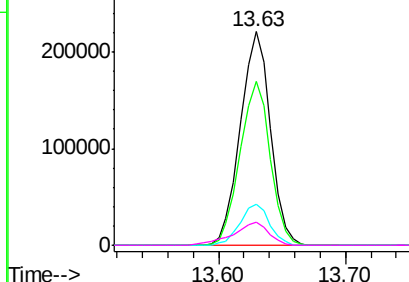
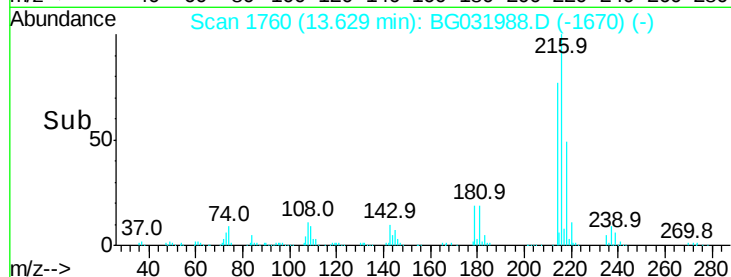
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.902 ng
RT: 13.63 min Scan# 1760
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:216 Resp: 363675
Ion Ratio Lower Upper
216 100
214 76.9 63.0 94.4
179 18.8 17.0 25.6
108 12.7 12.8 19.2#

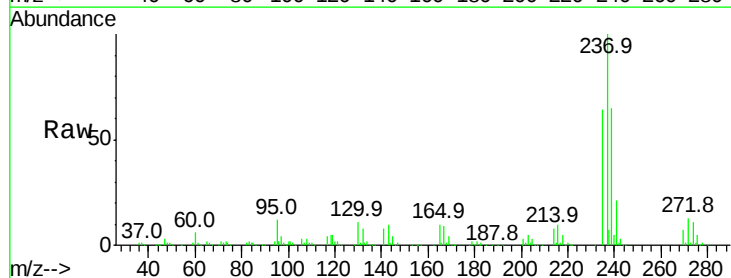


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

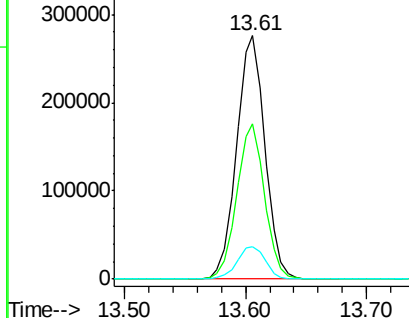
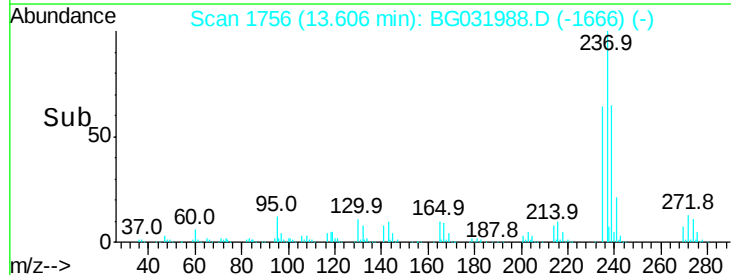


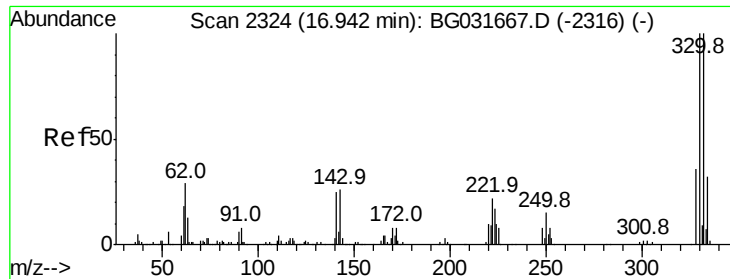
#40
Hexachlorocyclopentadiene
Concen: 93.621 ng
RT: 13.61 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:237 Resp: 450138
Ion Ratio Lower Upper
237 100
235 63.5 50.4 90.4
272 13.5 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

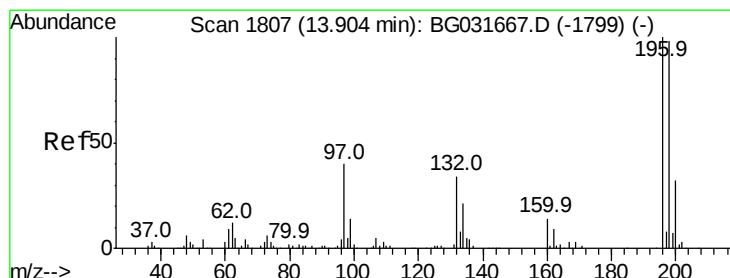
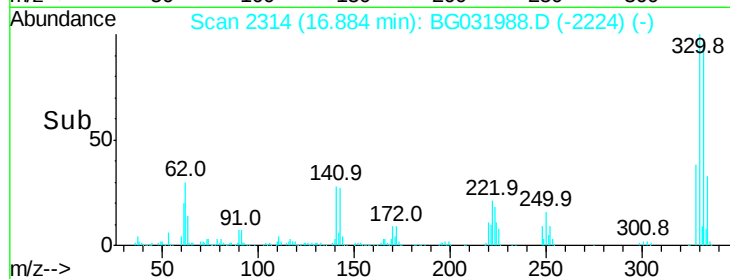
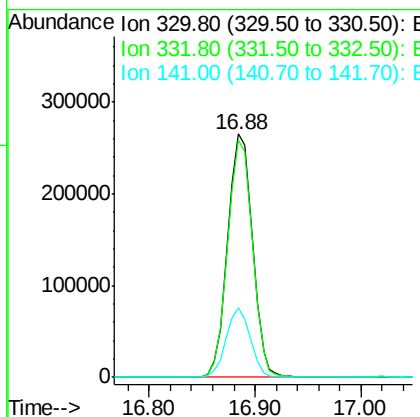
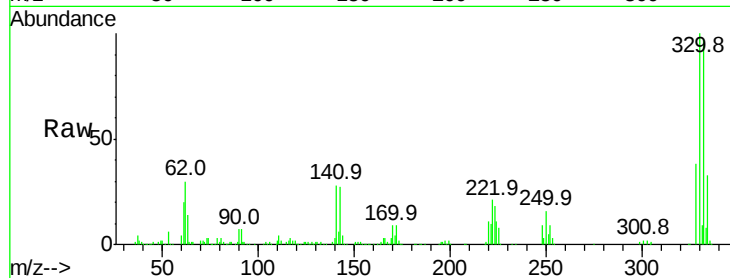




#41
 2,4,6-Tribromophenol
 Concen: 130.480 ng
 RT: 16.88 min Scan# 2314
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

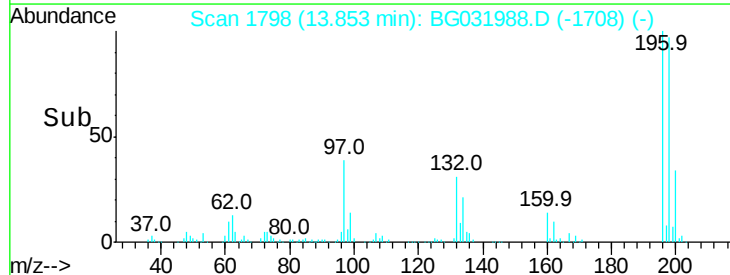
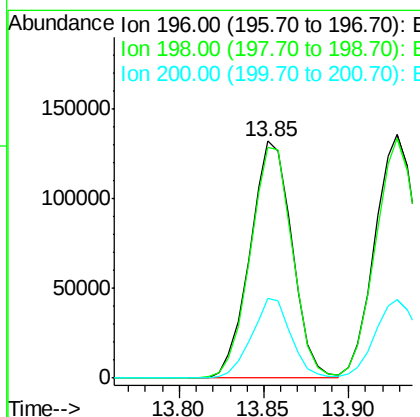
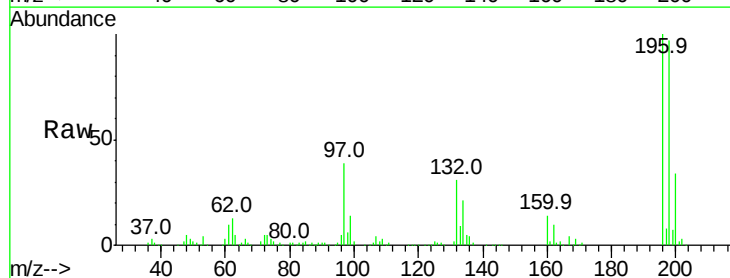
Instrument :
 BNA_G
 ClientSampleId :

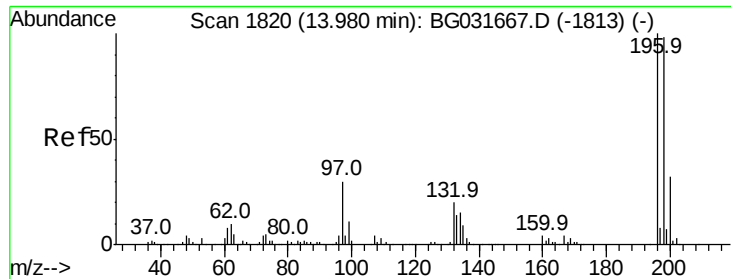
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	27.7	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.276 ng
 RT: 13.85 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.2	117.2
200	33.9	24.6	36.8

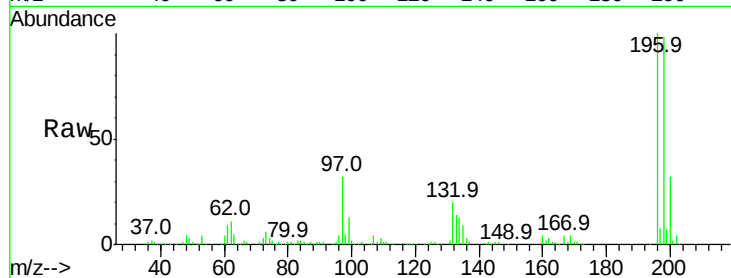




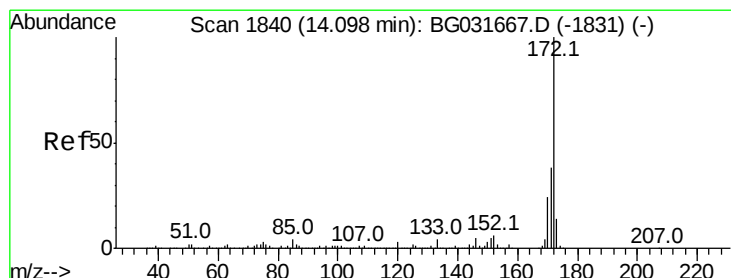
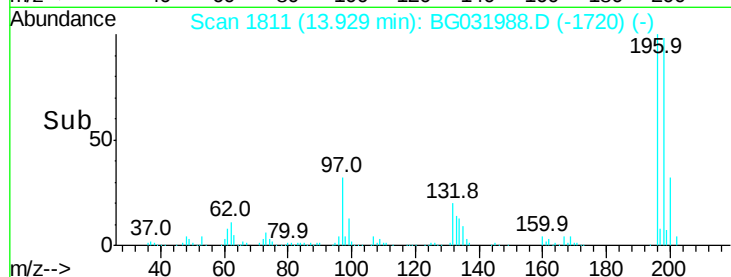
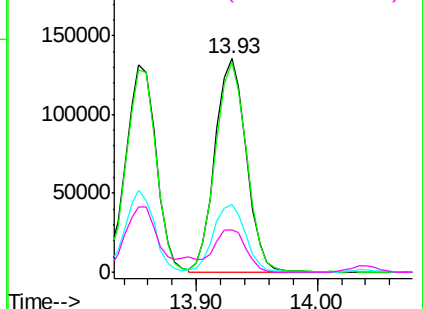
#43
2,4,5-Trichlorophenol
Concen: 41.426 ng
RT: 13.93 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Instrument :
BNA_G
ClientSampleId :

Tot Ion:196 Resp: 241243
Ion Ratio Lower Upper
196 100
198 98.4 76.2 114.4
97 31.9 38.7 58.1#
132 19.9 20.2 30.2#

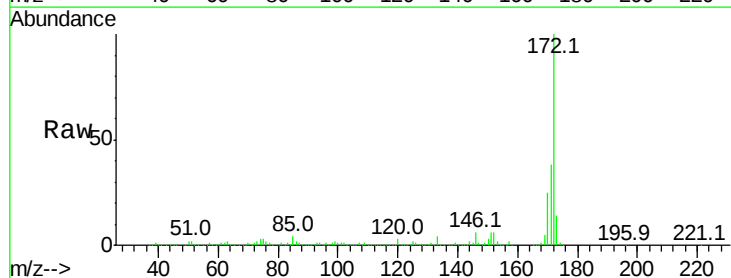


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

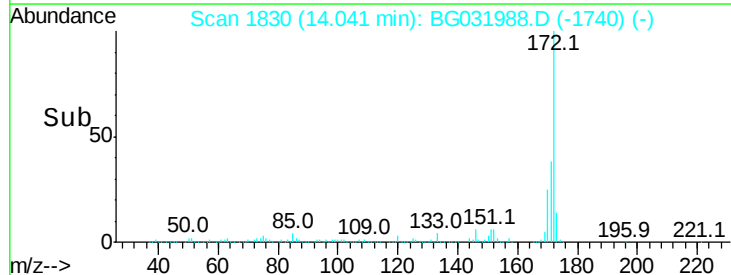
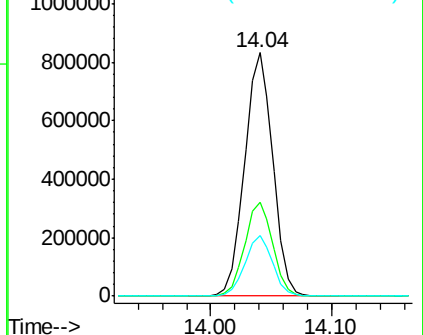


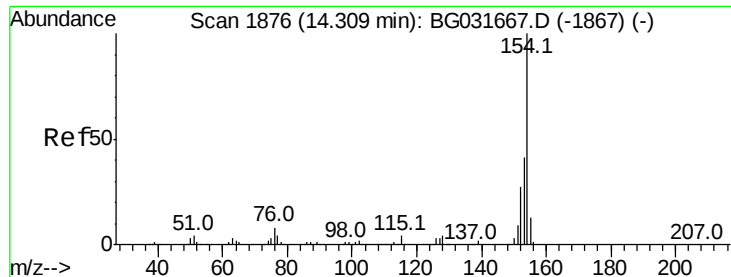
#44
2-Fluorobiphenyl
Concen: 78.484 ng
RT: 14.04 min Scan# 1830
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:172 Resp: 1353044
Ion Ratio Lower Upper
172 100
171 38.5 30.0 45.0
170 24.8 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 39.430 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

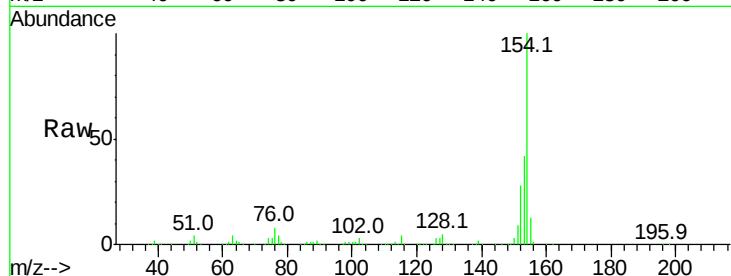
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 728710

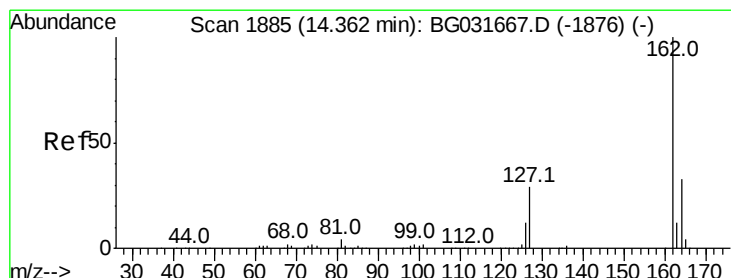
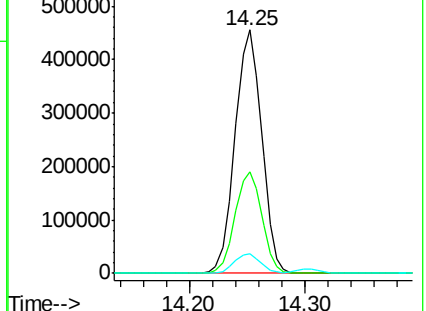
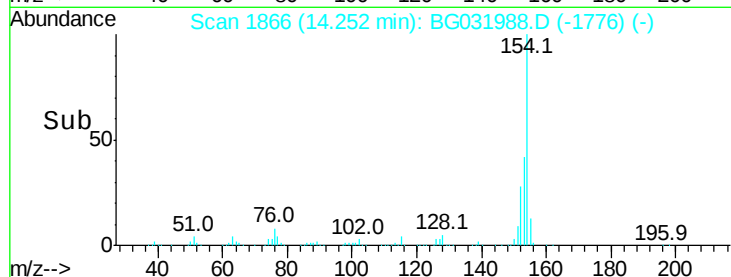
Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	7.9	0.0	31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 38.743 ng

RT: 14.31 min Scan# 1875

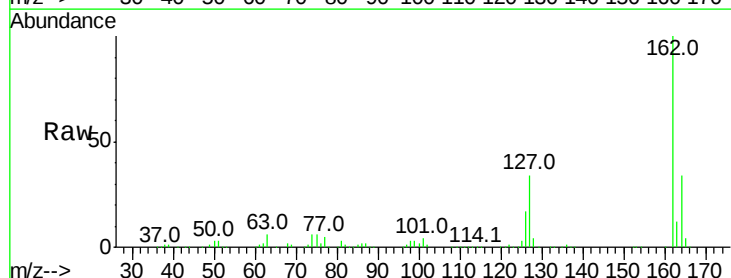
Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion:162 Resp: 546139

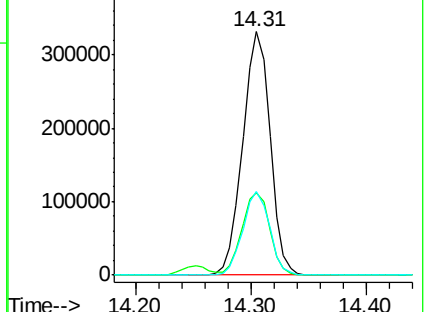
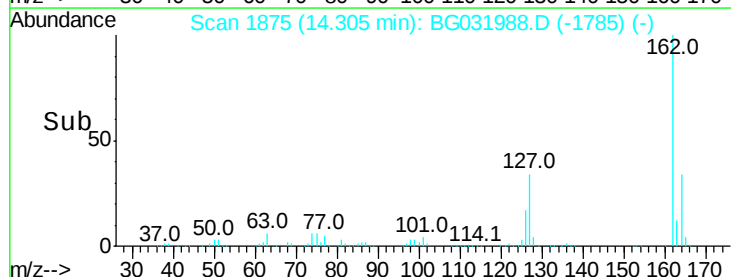
Ion	Ratio	Lower	Upper
162	100		
127	33.8	30.7	46.1
164	34.4	26.0	39.0

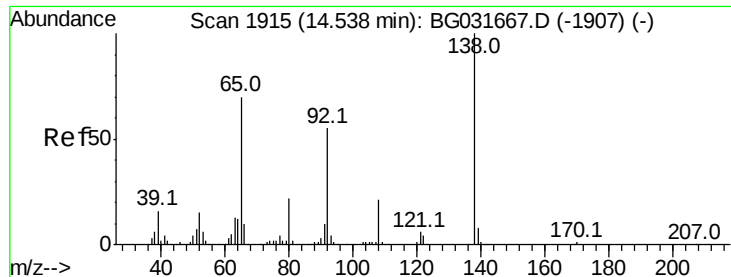


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.406 ng

RT: 14.49 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

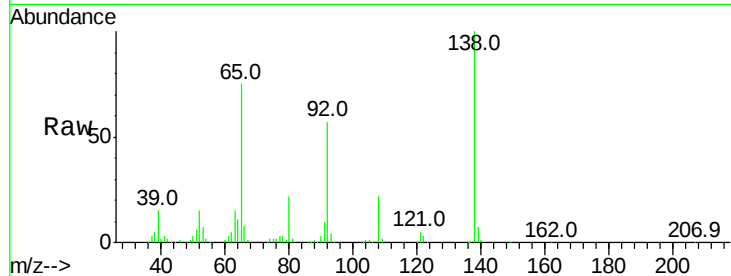
Tot Ion: 65 Resp: 115415

Ion Ratio Lower Upper

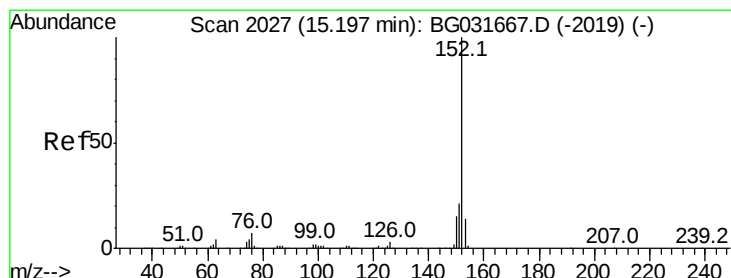
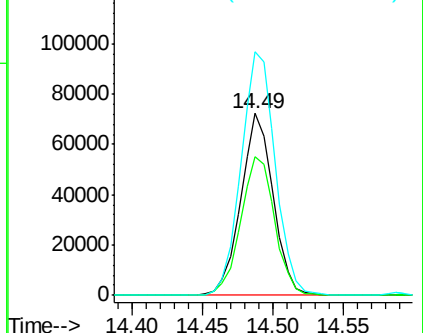
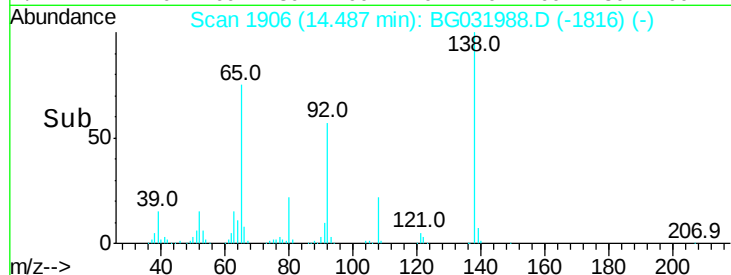
65 100

92 76.3 54.6 82.0

138 133.9 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: 36.350 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

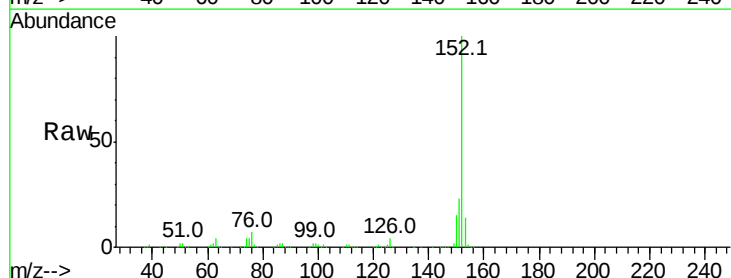
Tgt Ion: 152 Resp: 819769

Ion Ratio Lower Upper

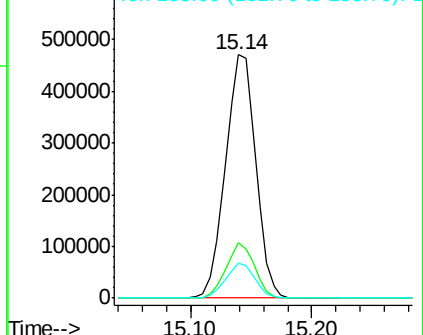
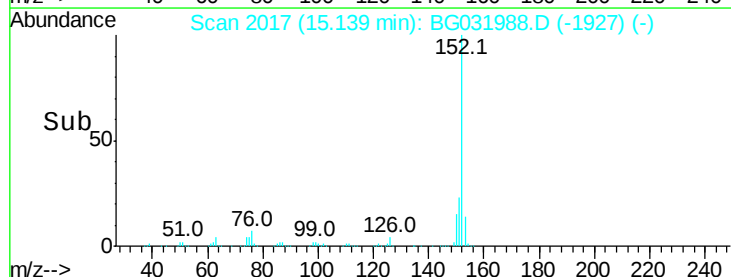
152 100

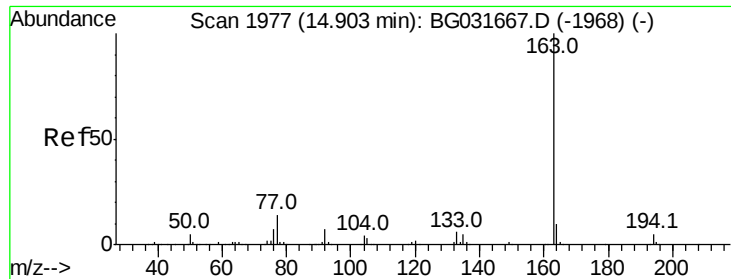
151 22.8 17.2 25.8

153 14.2 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: 37.281 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampled :

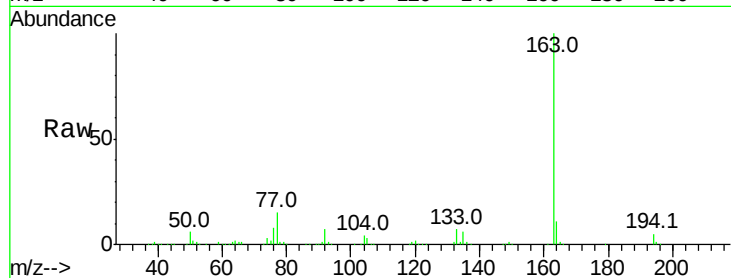
Tot Ion:163 Resp: 710667

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

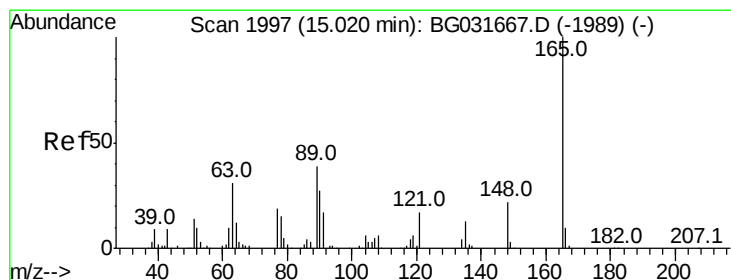
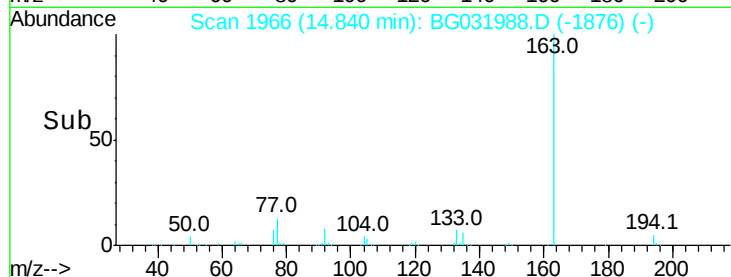
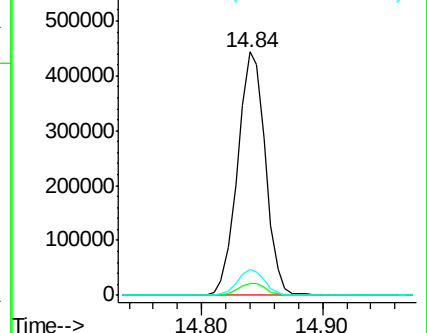
164 10.7 8.2 12.4



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: 45.564 ng

RT: 14.97 min Scan# 1988

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

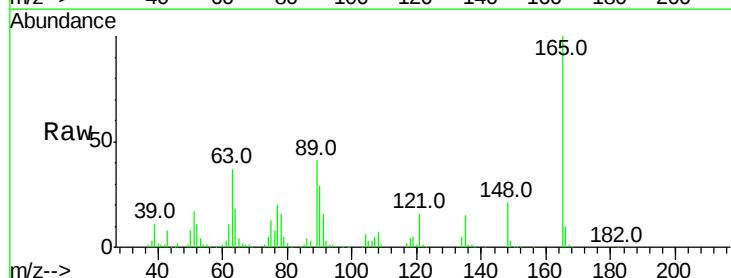
Tgt Ion:165 Resp: 159781

Ion Ratio Lower Upper

165 100

63 36.7 52.7 79.1#

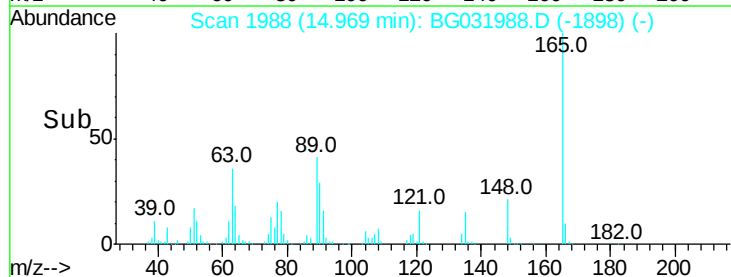
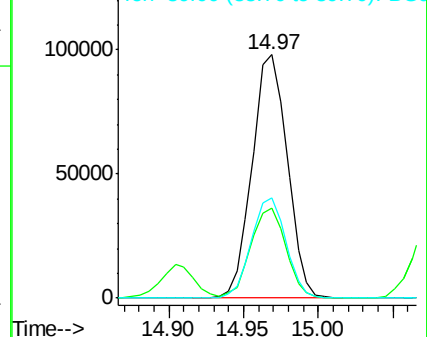
89 41.1 49.2 73.8#

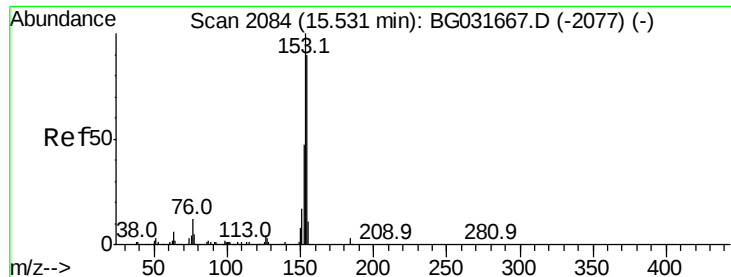


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.268 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

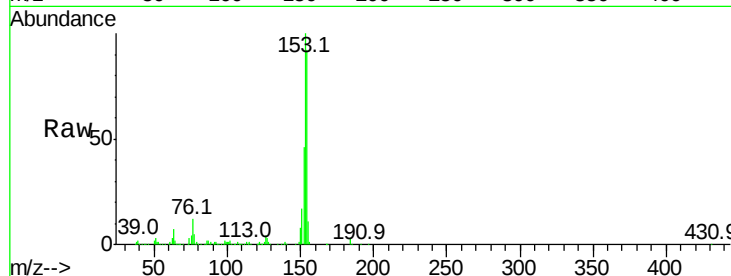
Tot Ion:154 Resp: 609523

Ion Ratio Lower Upper

154 100

153 108.3 90.4 135.6

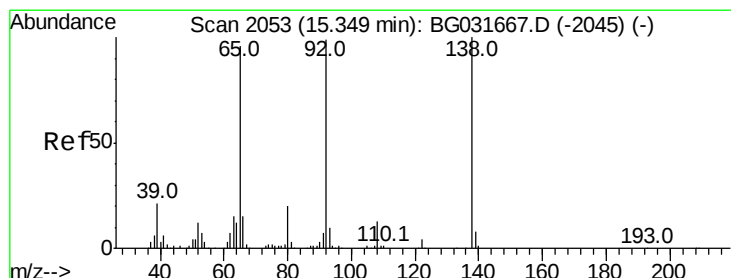
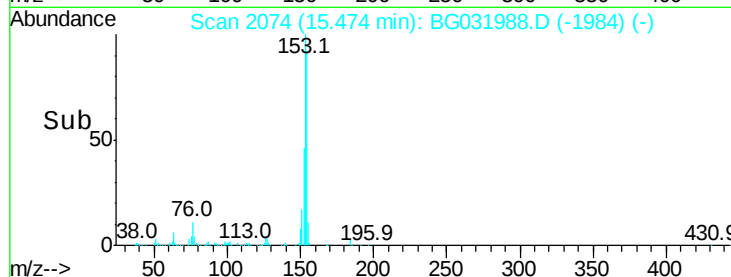
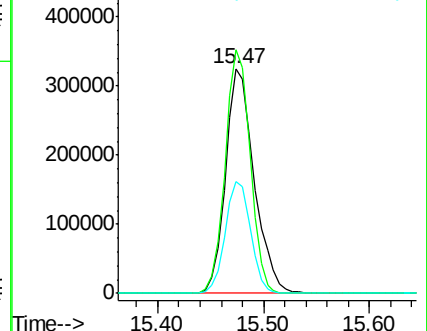
152 49.7 41.6 62.4



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: 9.733 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

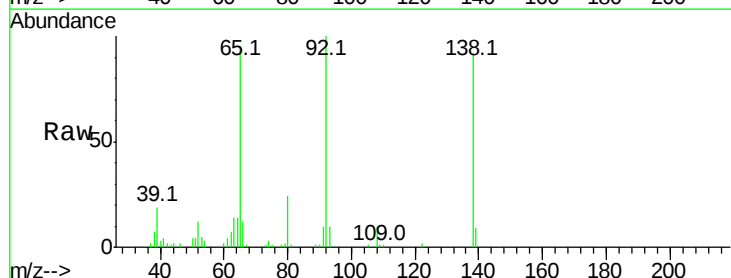
Tgt Ion:138 Resp: 33300

Ion Ratio Lower Upper

138 100

108 11.4 17.5 26.3#

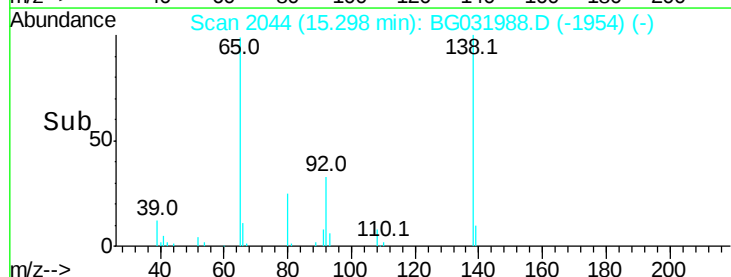
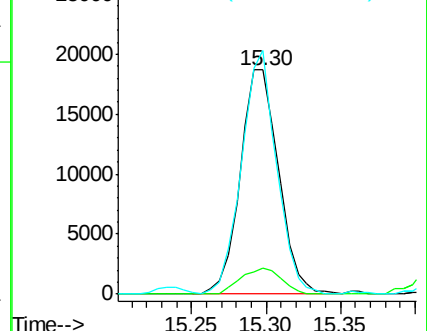
92 108.5 105.8 158.8

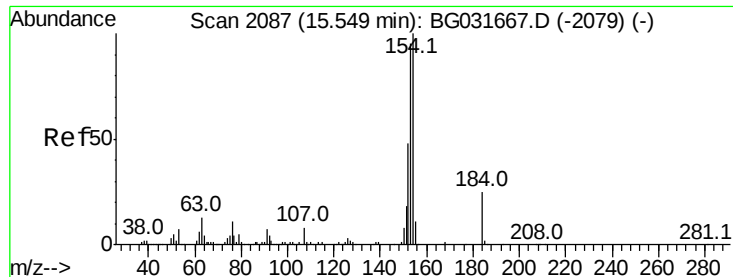


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

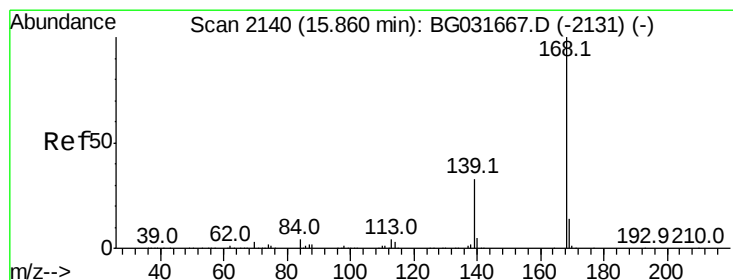
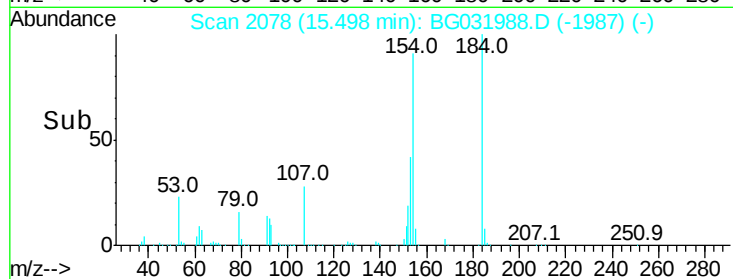
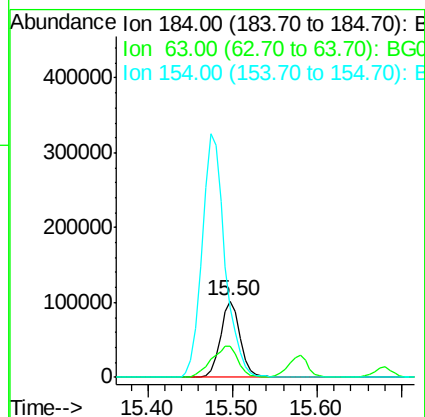
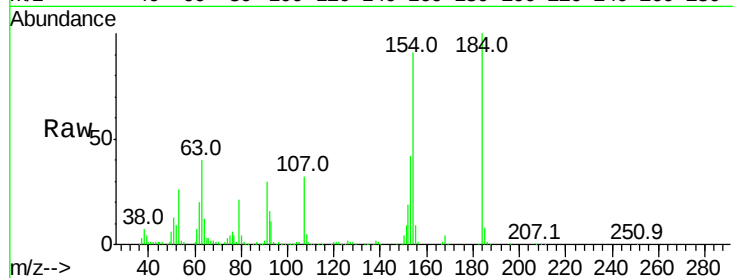




#53
2,4-Dinitrophenol
Concen: 110.178 ng
RT: 15.50 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

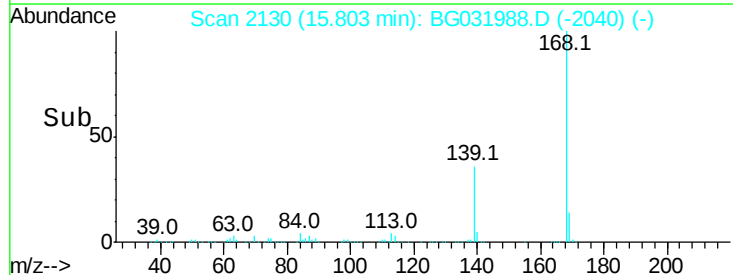
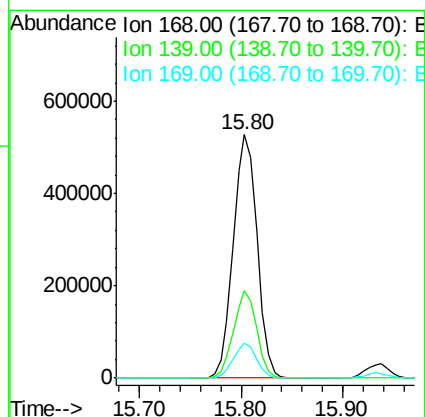
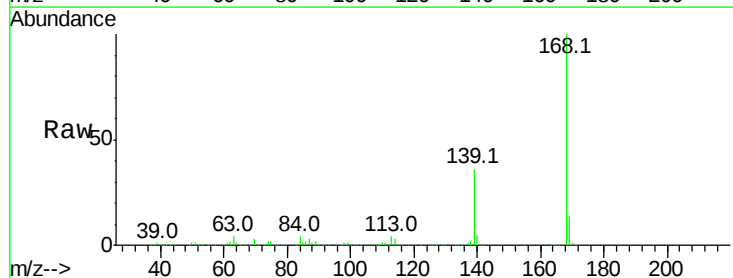
Instrument :
BNA_G
ClientSampleId :

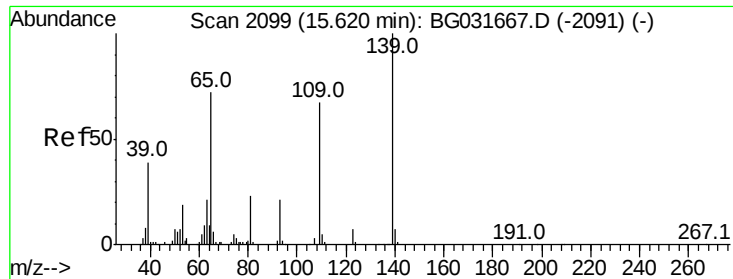
Tot Ion:184 Resp: 168878
Ion Ratio Lower Upper
184 100
63 40.1 59.8 89.8#
154 91.0 101.8 152.8#



#54
Dibenzofuran
Concen: 37.855 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:168 Resp: 857056
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 14.1 11.2 16.8

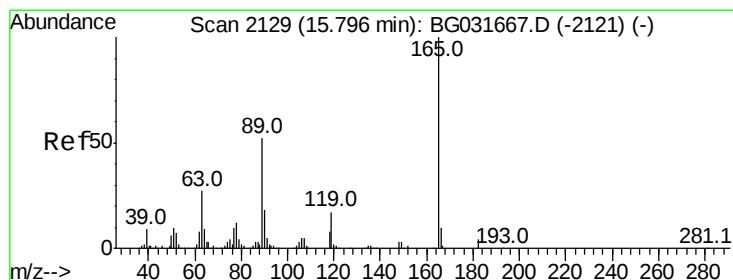
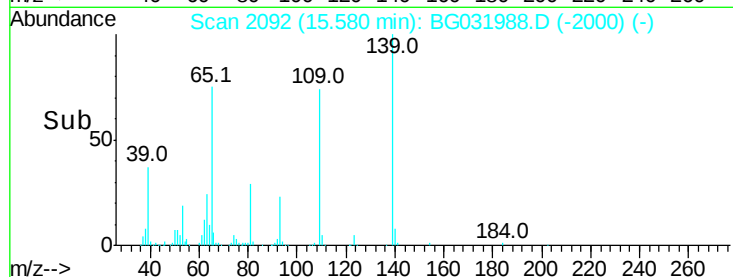
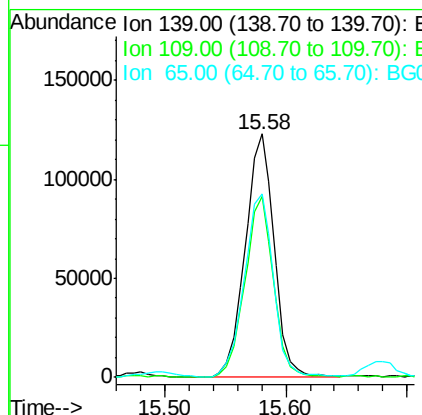
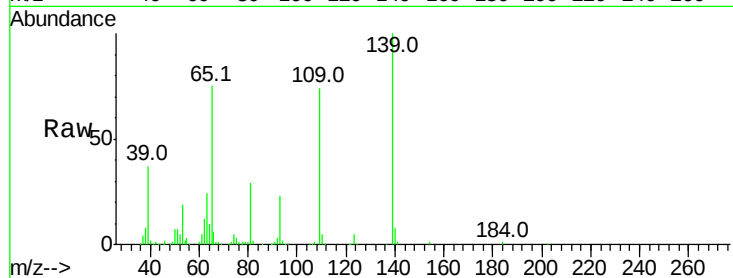




#55
4-Nitrophenol
Concen: 73.863 ng
RT: 15.58 min Scan# 2092
Delta R.T. 0.01 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

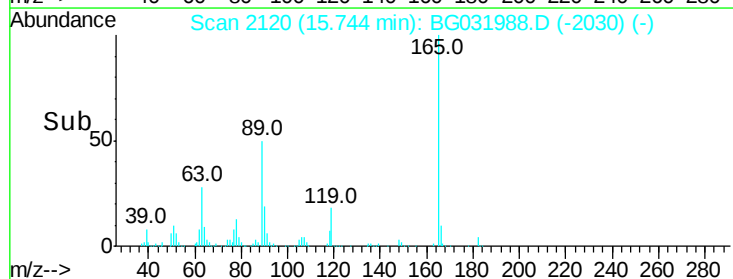
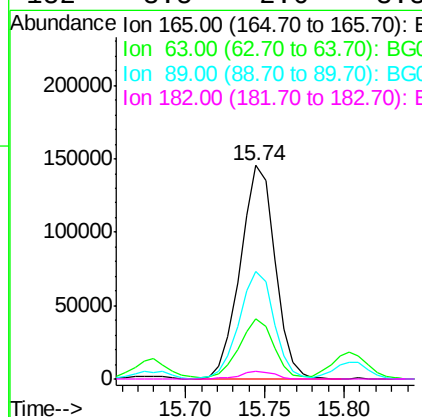
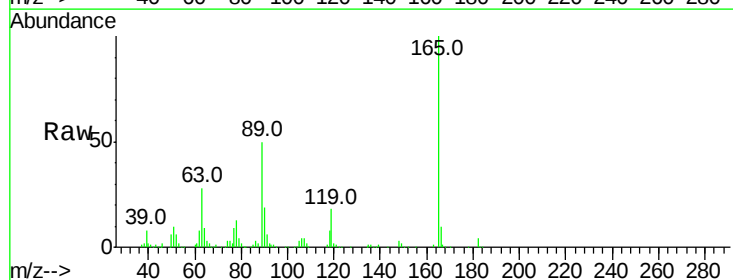
Instrument :
BNA_G
ClientSampleId :

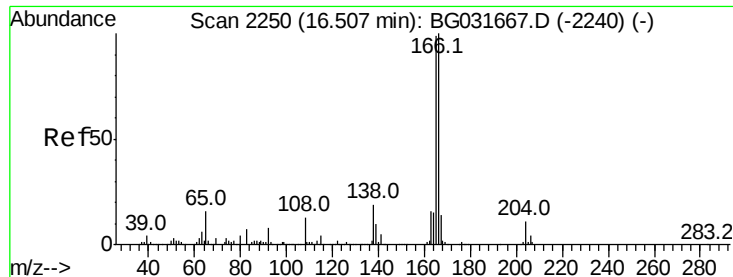
Tot Ion:139 Resp: 205679
Ion Ratio Lower Upper
139 100
109 74.5 62.2 102.2
65 75.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 49.188 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:165 Resp: 221800
Ion Ratio Lower Upper
165 100
63 28.3 42.0 63.0#
89 50.2 66.9 100.3#
182 3.5 2.6 3.8

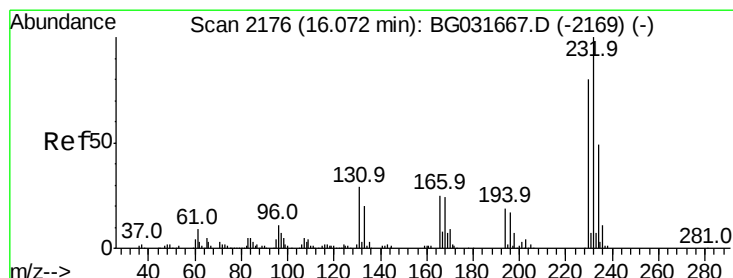
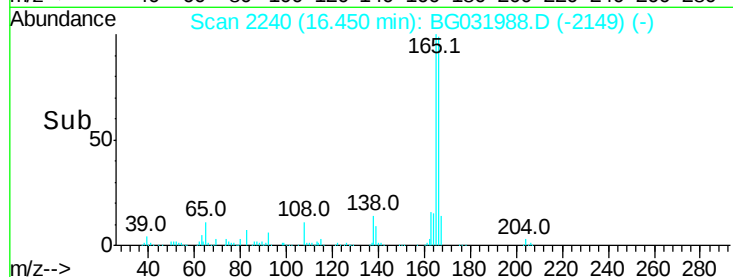
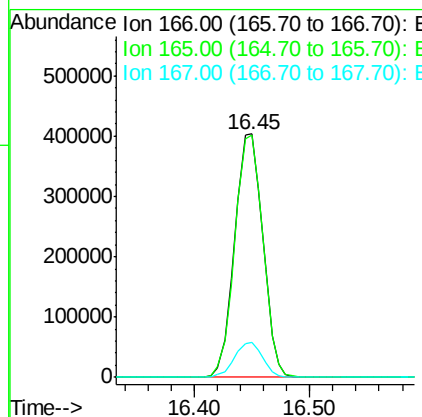
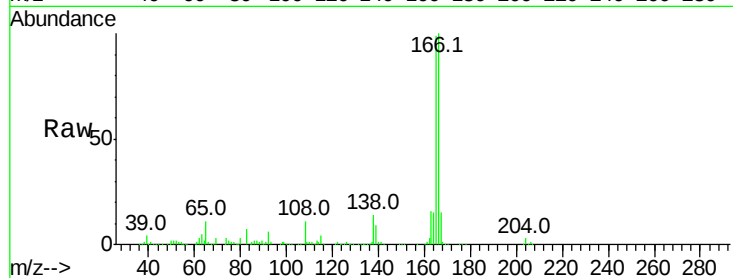




#57
 Fluorene
 Concen: 37.091 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

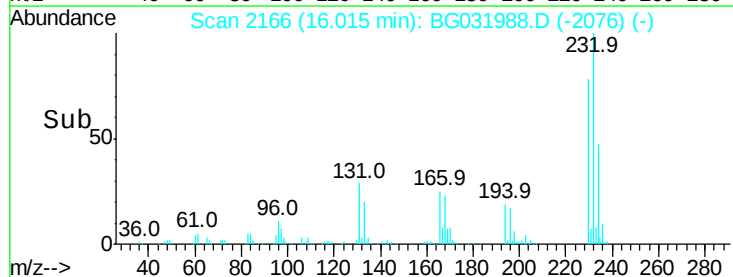
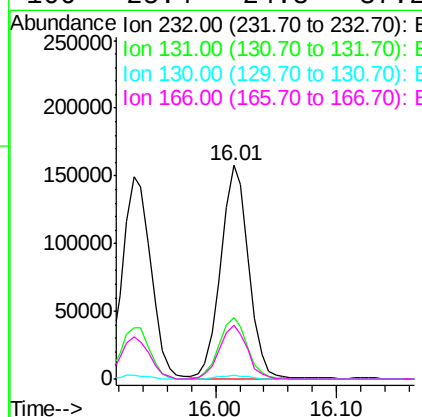
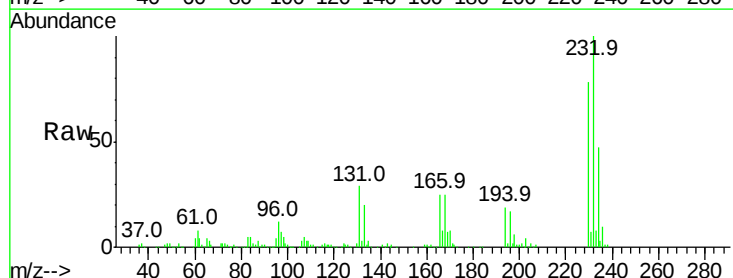
Instrument :
 BNA_G
 ClientSampleId :

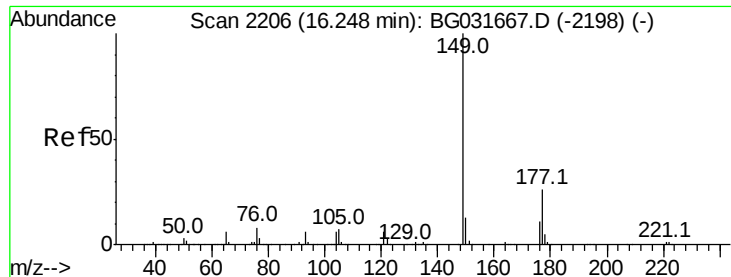
Tot Ion:166 Resp: 682204
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 121.0
 167 14.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.031 ng
 RT: 16.01 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion:232 Resp: 250167
 Ion Ratio Lower Upper
 232 100
 131 28.9 33.5 50.3#
 130 1.7 2.2 3.2#
 166 25.4 24.8 37.2





#59

Diethylphthalate

Concen: 36.388 ng

RT: 16.19 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

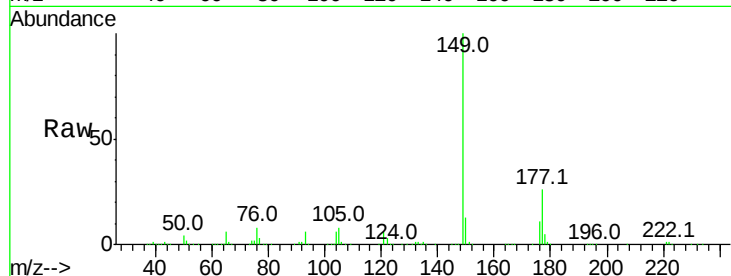
Tot Ion:149 Resp: 676062

Ion Ratio Lower Upper

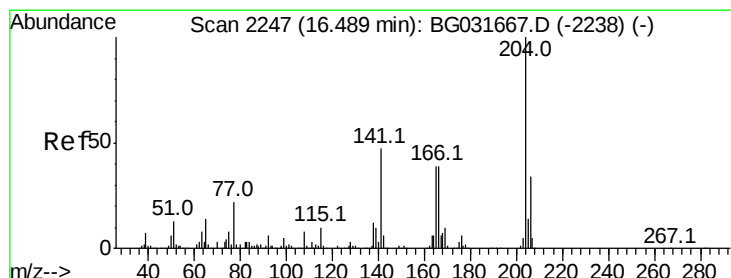
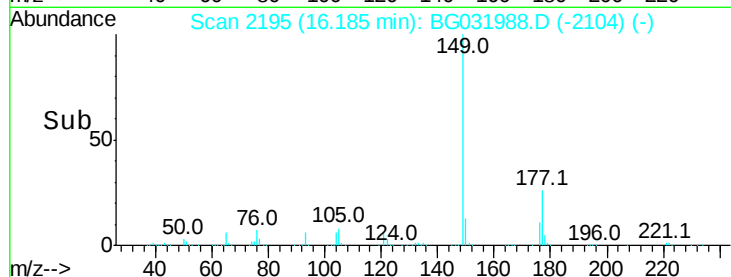
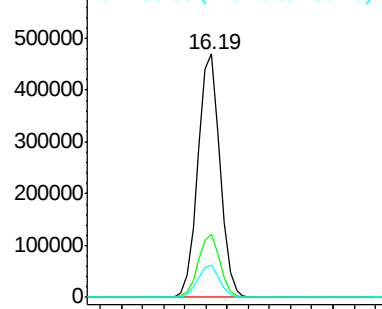
149 100

177 25.7 18.5 27.7

150 13.4 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 37.509 ng

RT: 16.43 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

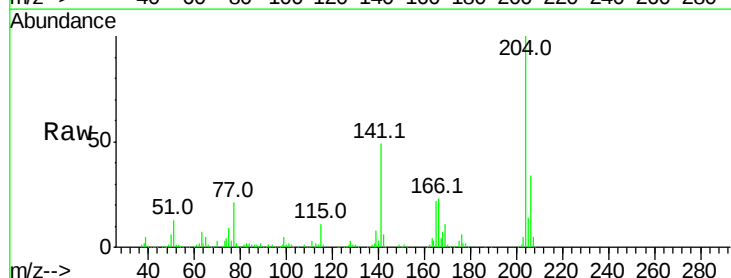
Tgt Ion:204 Resp: 422118

Ion Ratio Lower Upper

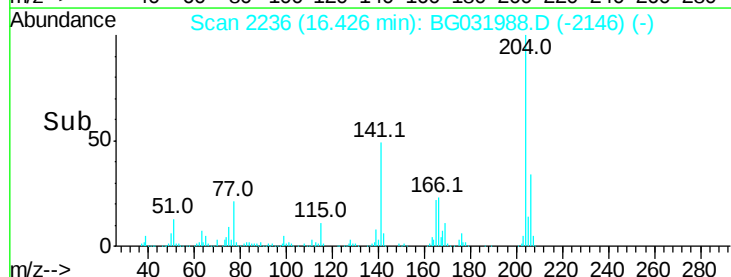
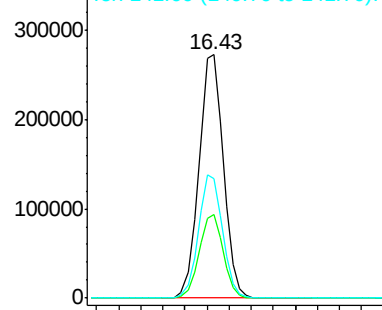
204 100

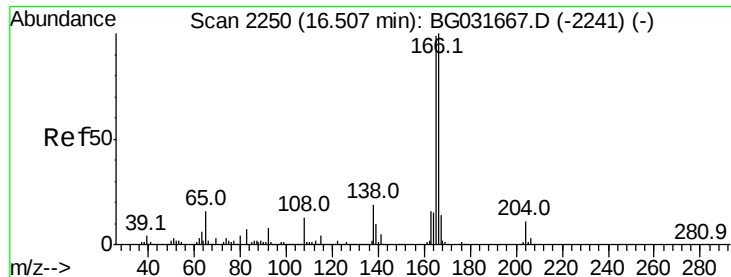
206 34.3 26.2 39.2

141 49.1 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 29.929 ng

RT: 16.46 min Scan# 2241

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

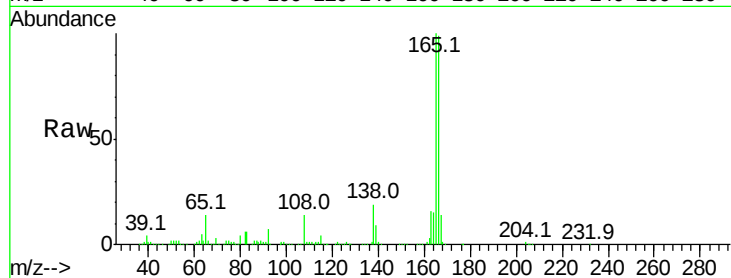
Tot Ion:138 Resp: 99924

Ion Ratio Lower Upper

138 100

92 40.0 40.1 80.1#

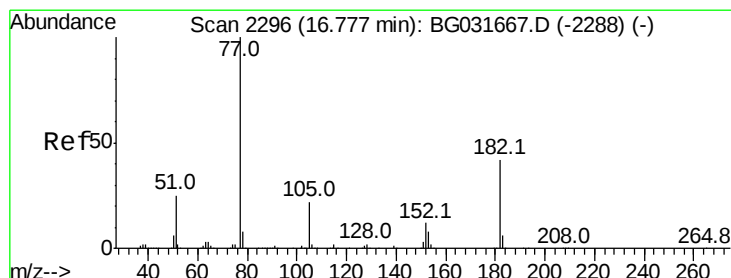
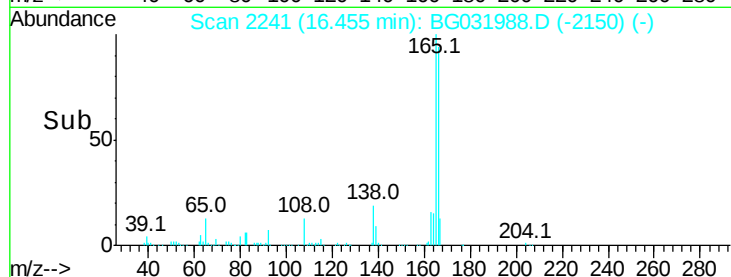
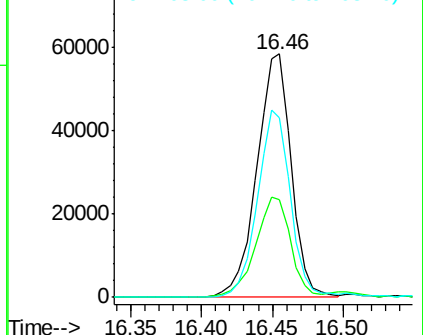
108 73.5 65.4 105.4



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: 37.401 ng

RT: 16.72 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion: 77 Resp: 445637

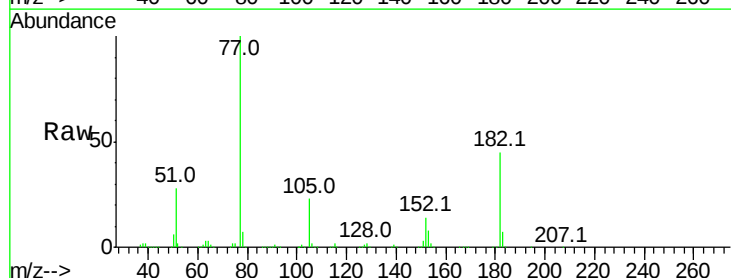
Ion Ratio Lower Upper

77 100

182 45.4 7.4 47.4

105 23.2 0.3 40.3

51 28.0 11.6 51.6

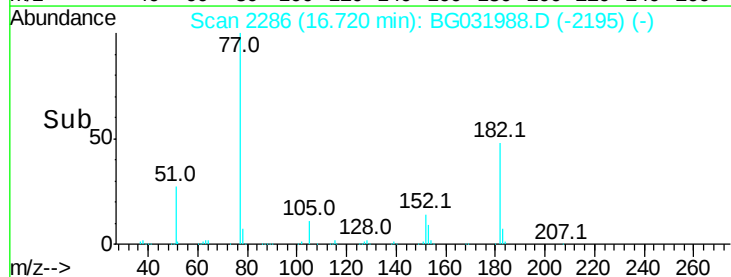
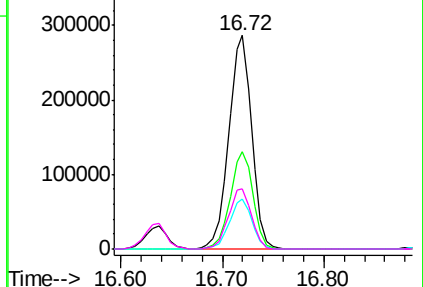


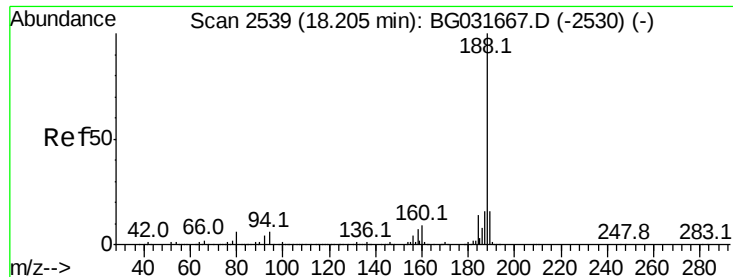
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

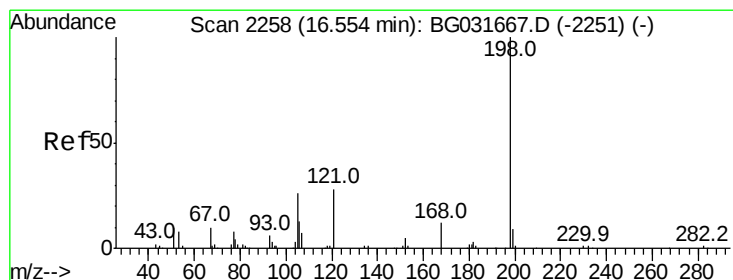
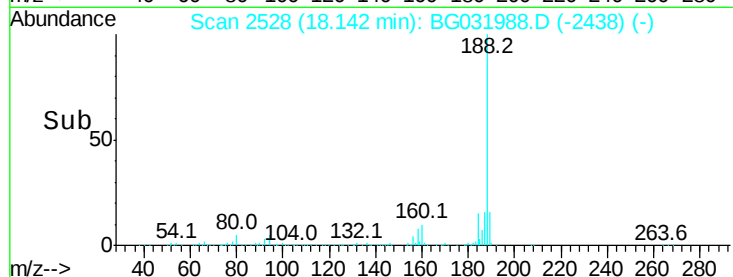
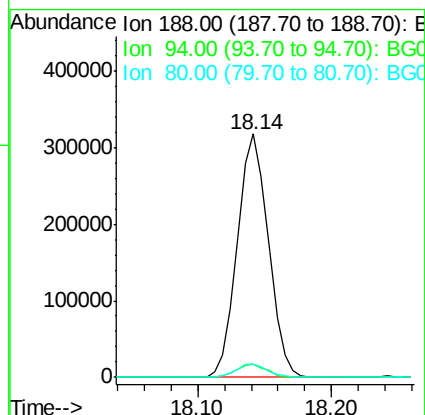
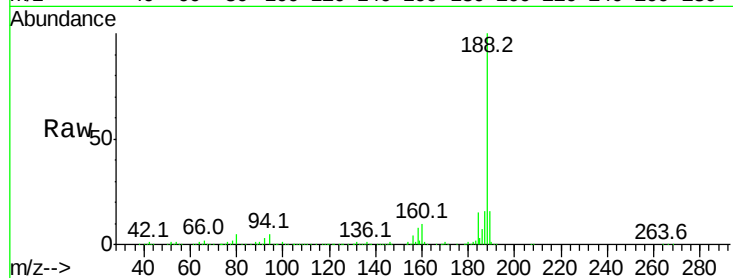




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.14 min Scan# 2528
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

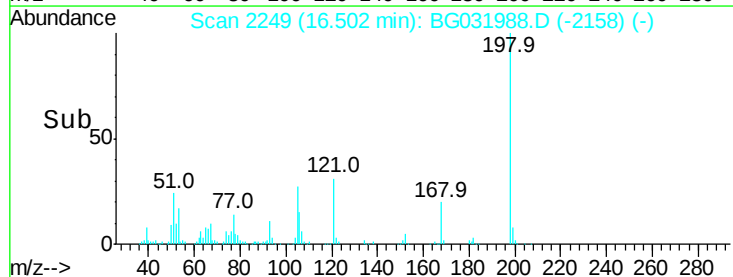
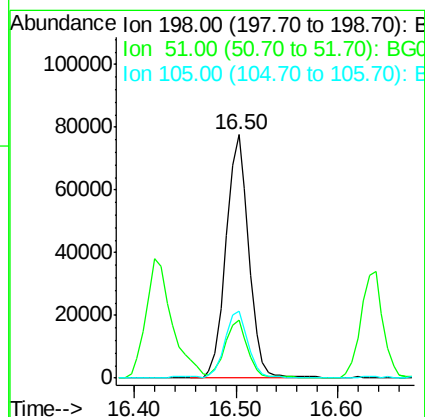
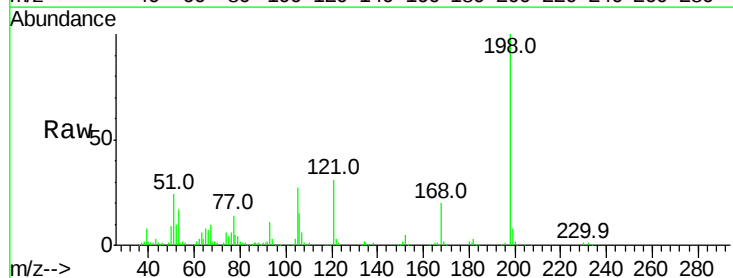
Instrument :
BNA_G
ClientSampleId :

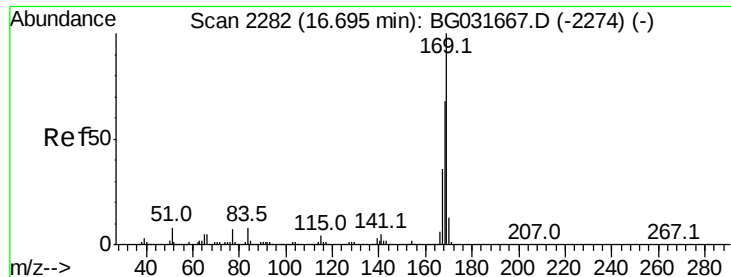
Tot Ion:188 Resp: 512323
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 5.5 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 48.545 ng
RT: 16.50 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:198 Resp: 121275
Ion Ratio Lower Upper
198 100
51 24.1 30.6 70.6#
105 27.3 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.420 ng

RT: 16.64 min Scan# 2272

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

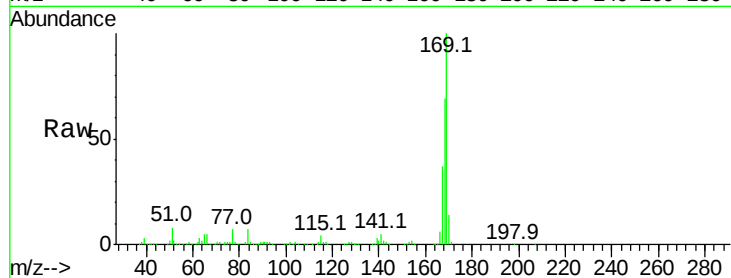
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 619696

Ion	Ratio	Lower	Upper
169	100		
168	68.9	55.7	83.5
167	36.5	30.1	45.1

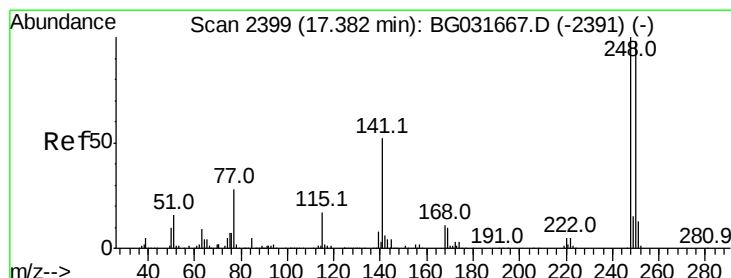
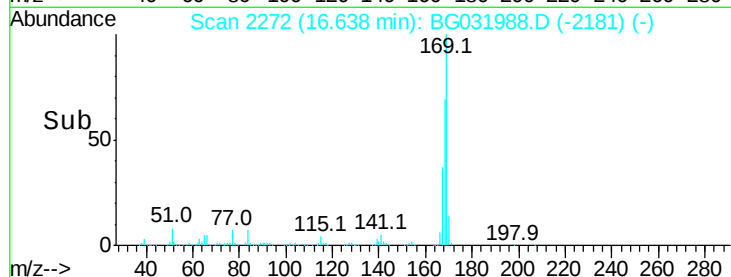
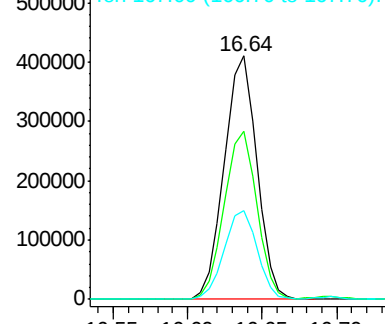


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.762 ng

RT: 17.31 min Scan# 2387

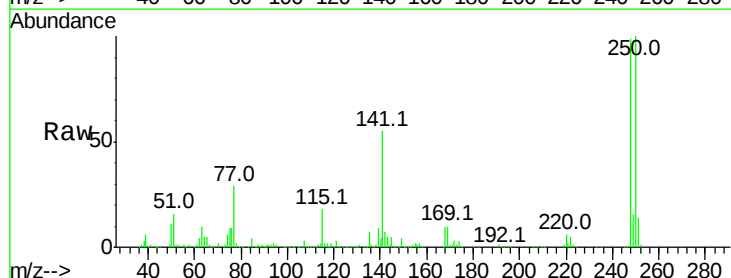
Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion:248 Resp: 294574

Ion	Ratio	Lower	Upper
248	100		
250	101.5	77.1	115.7
141	55.5	50.8	76.2

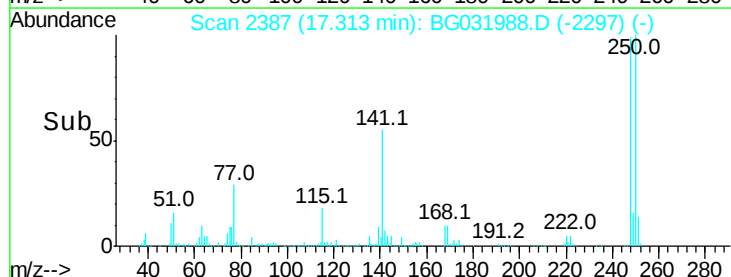
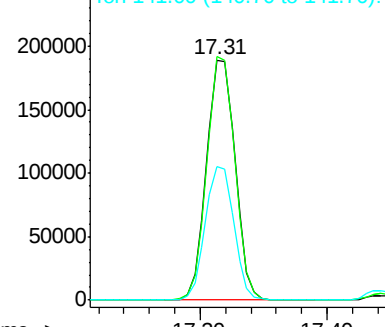


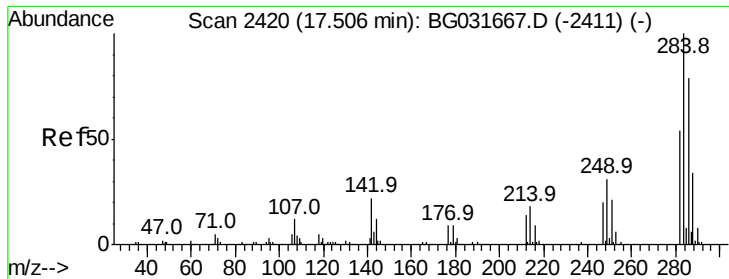
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

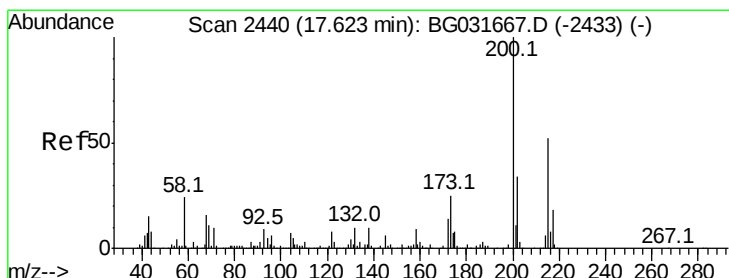
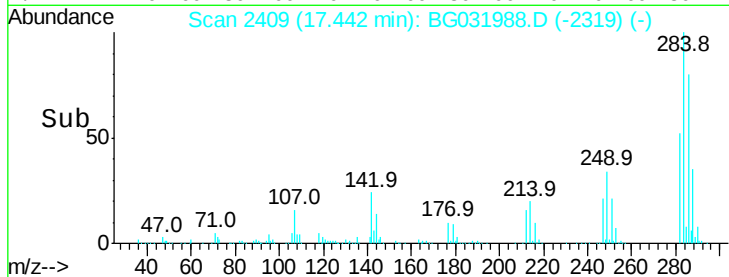
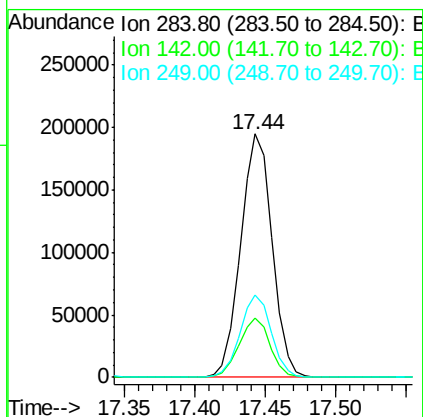
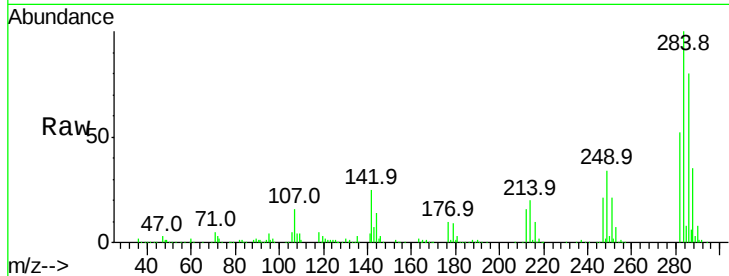




#67
Hexachlorobenzene
Concen: 40.136 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

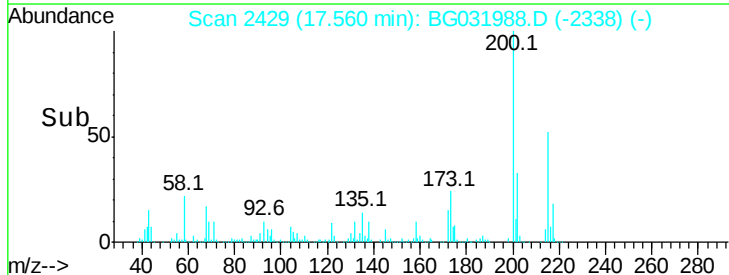
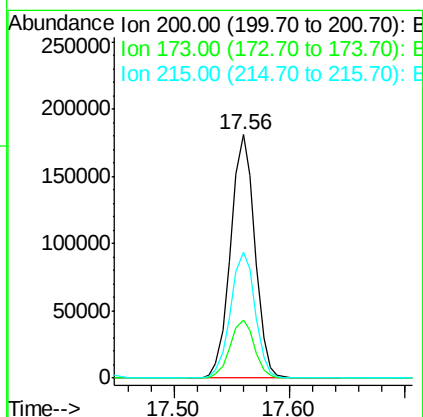
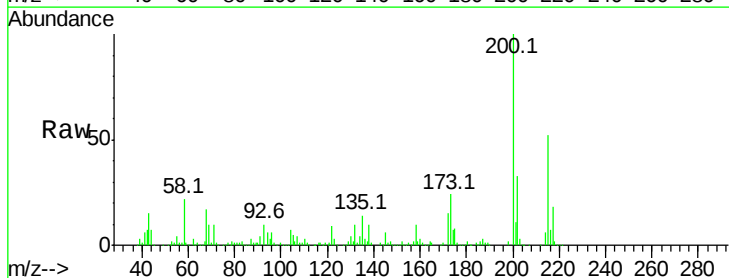
Instrument :
BNA_G
ClientSampleId :

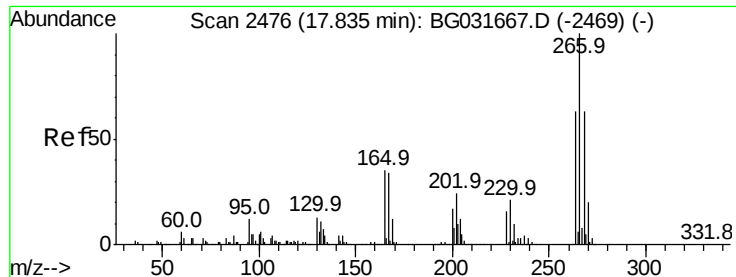
Tot Ion	Ratio	Lower	Upper
284	100		
142	24.6	26.8	40.2#
249	34.0	26.3	39.5



#68
Atrazine
Concen: 39.778 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.1	5.2	45.2
215	51.5	30.4	70.4

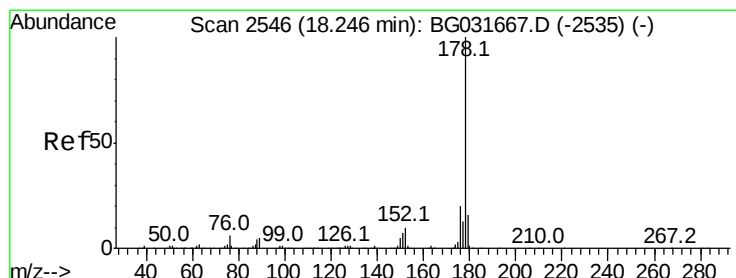
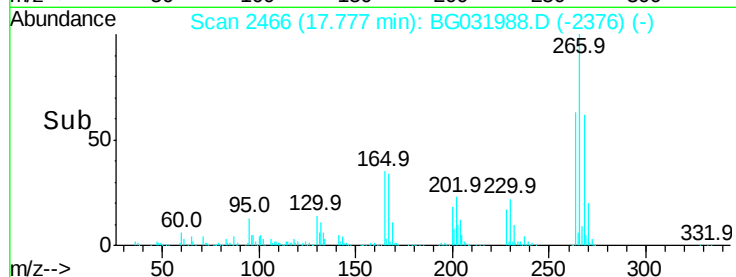
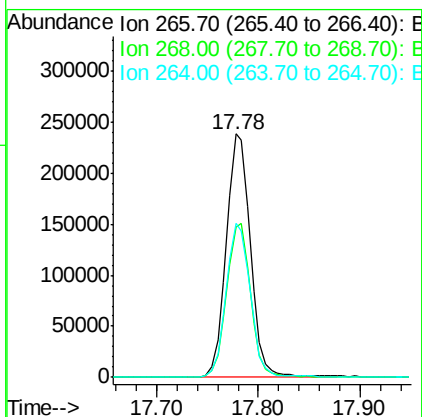
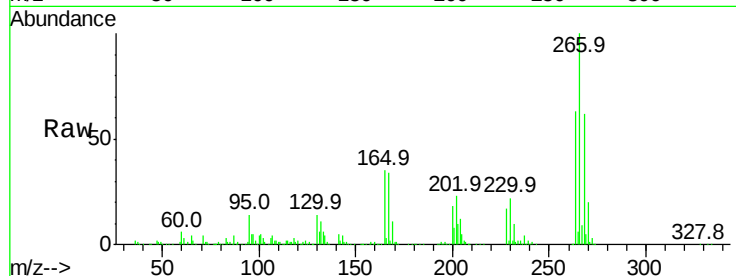




#69
 Pentachlorophenol
 Concen: 75.683 ng
 RT: 17.78 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

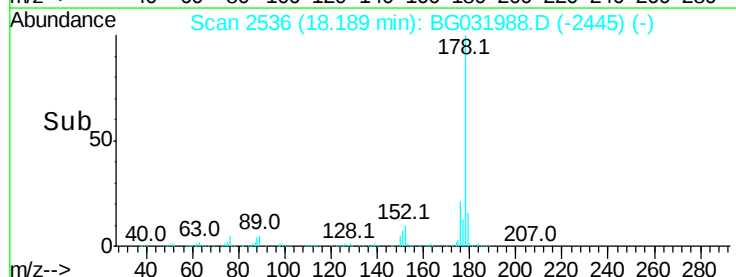
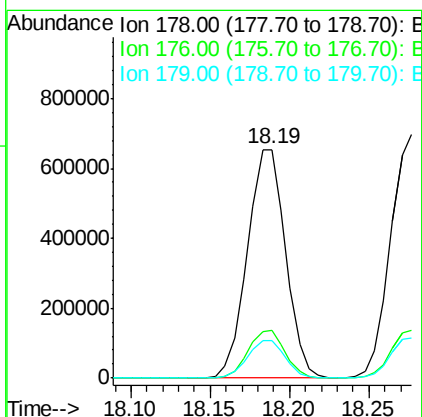
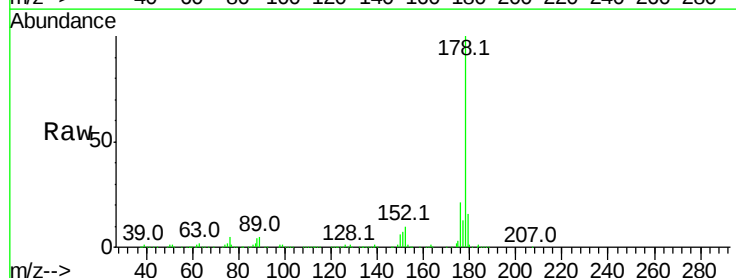
Instrument :
 BNA_G
 ClientSampleId :

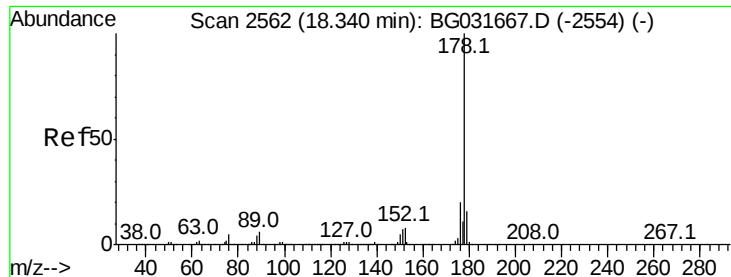
Tot Ion	Ratio	Lower	Upper
266	100		
268	61.7	51.1	76.7
264	63.3	49.6	74.4



#70
 Phenanthrene
 Concen: 37.848 ng
 RT: 18.19 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.2	12.5	18.7

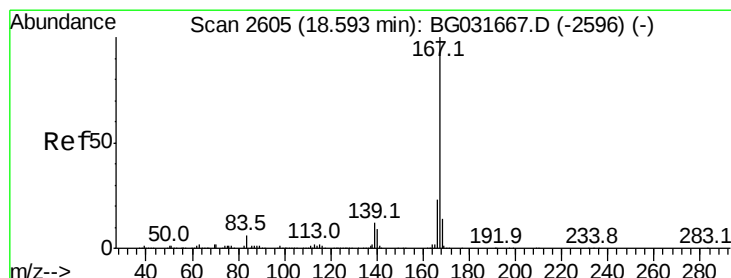
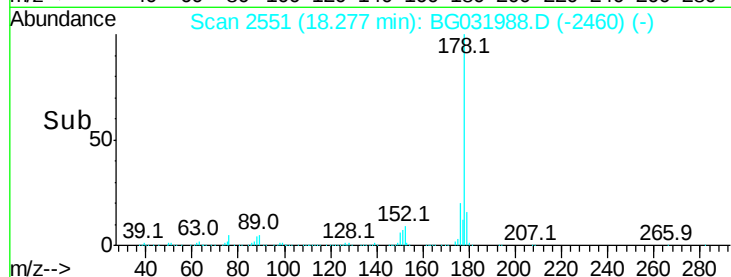
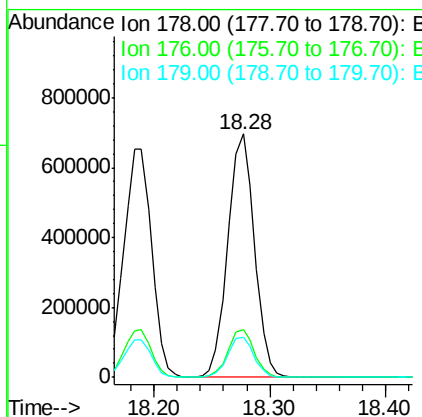
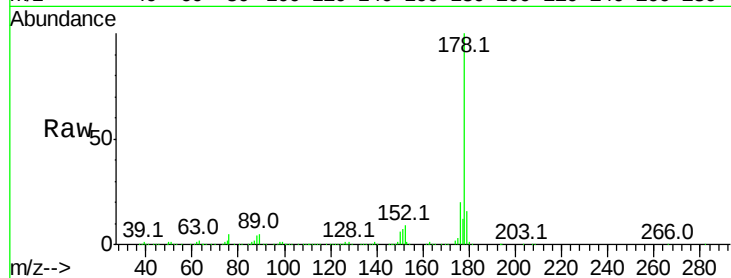




#71
 Anthracene
 Concen: 38.018 ng
 RT: 18.28 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

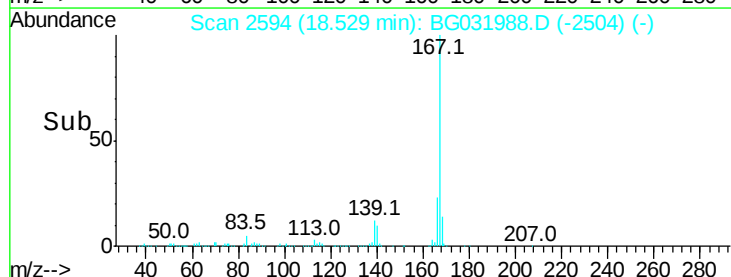
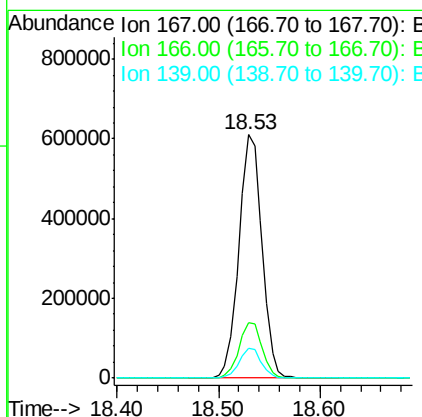
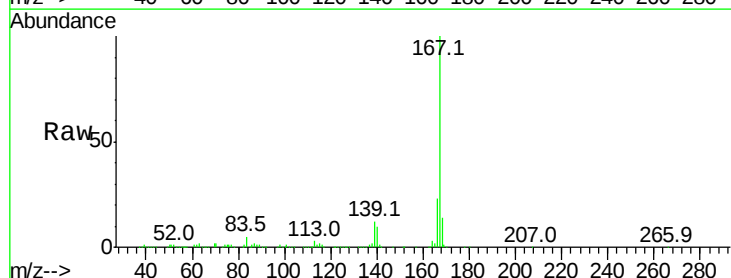
Instrument :
 BNA_G
 ClientSampleId :

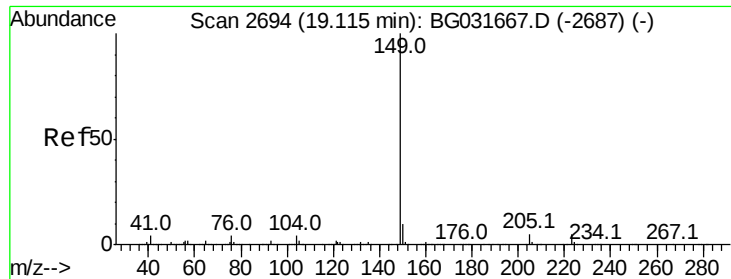
Tot Ion:178 Resp: 1111917
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 37.295 ng
 RT: 18.53 min Scan# 2594
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion:167 Resp: 965422
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 37.612 ng

RT: 19.04 min Scan# 2681

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

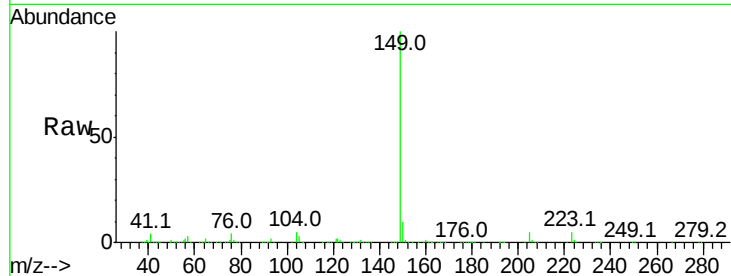
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1082030

Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.8	11.6
104	4.7	3.9	5.9



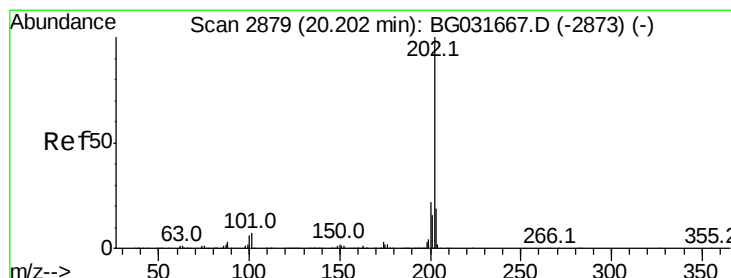
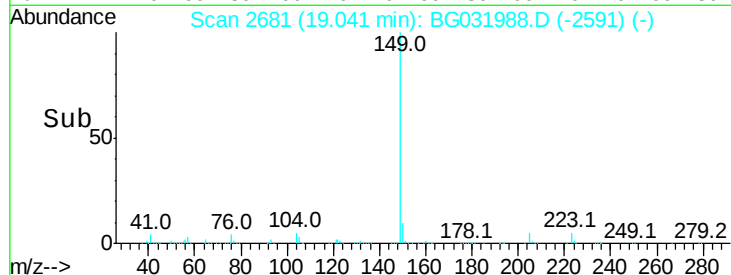
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

19.04

Time-->



#74

Fluoranthene

Concen: 37.691 ng

RT: 20.15 min Scan# 2869

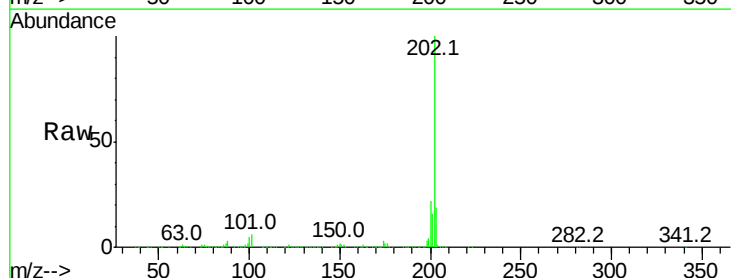
Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion:202 Resp: 1340876

Ion	Ratio	Lower	Upper
202	100		
101	5.8	0.0	28.9
203	19.4	0.0	37.5



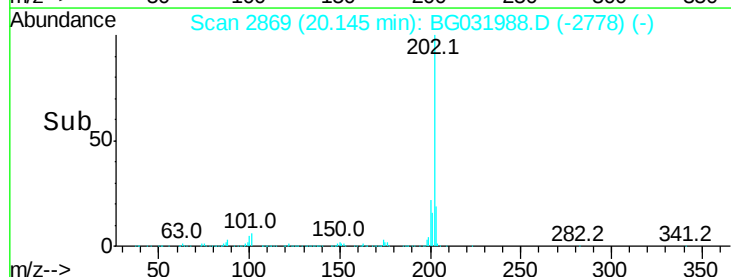
Abundance Ion 202.00 (201.70 to 202.70): E

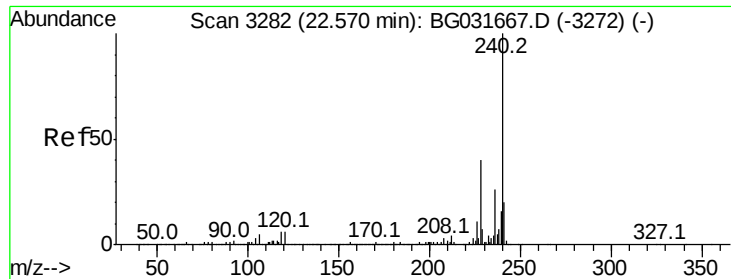
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

20.15

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.48 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

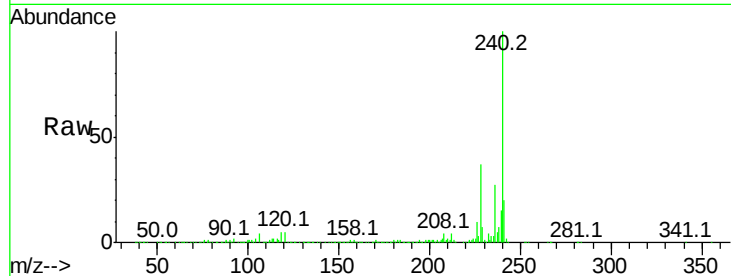
Tot Ion:240 Resp: 556421

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

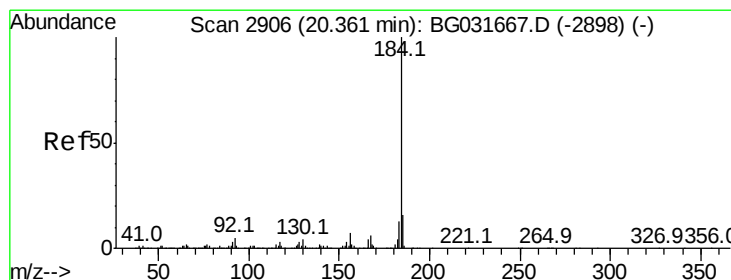
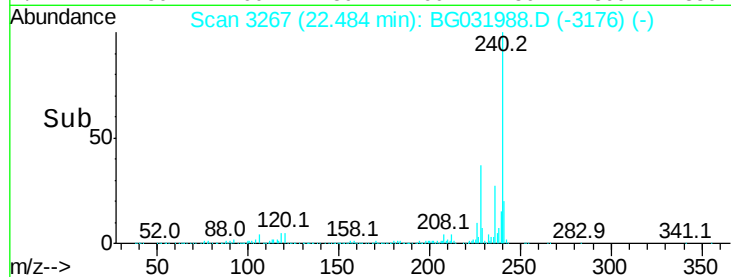
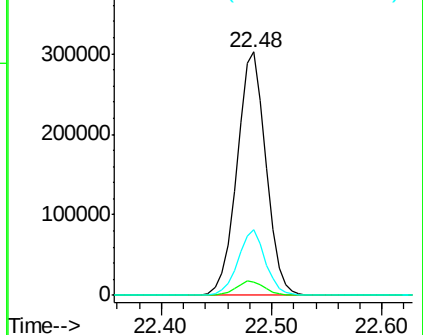
236 27.2 20.9 31.3



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: 4.477 ng

RT: 20.30 min Scan# 2895

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

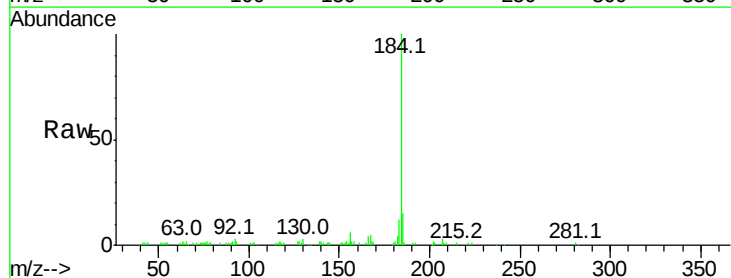
Tgt Ion:184 Resp: 76884

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

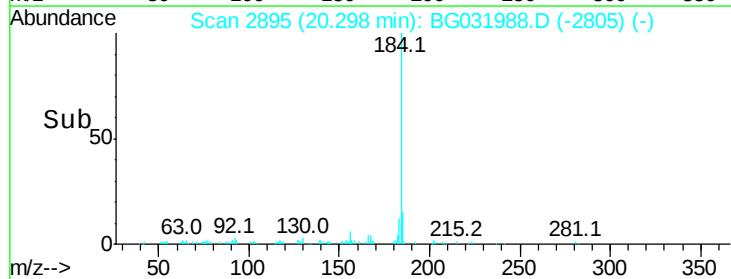
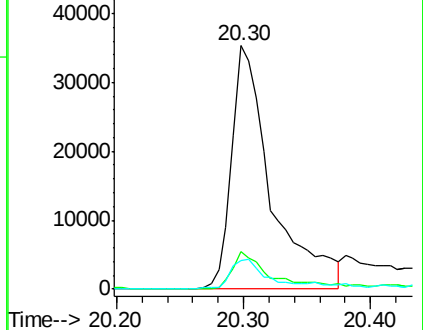
183 11.8 10.6 16.0

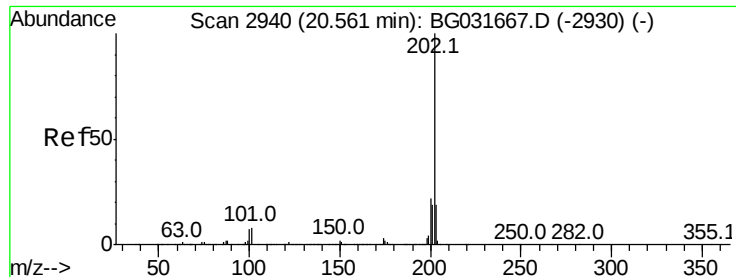


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.114 ng

RT: 20.50 min Scan# 2929

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

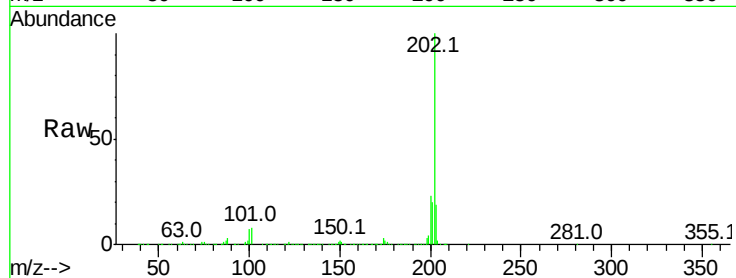
Tot Ion:202 Resp: 1354685

Ion Ratio Lower Upper

202 100

200 22.6 16.9 25.3

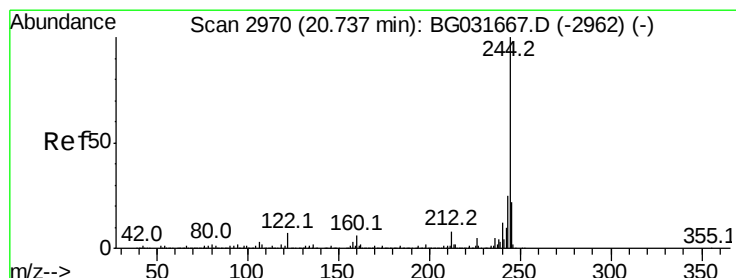
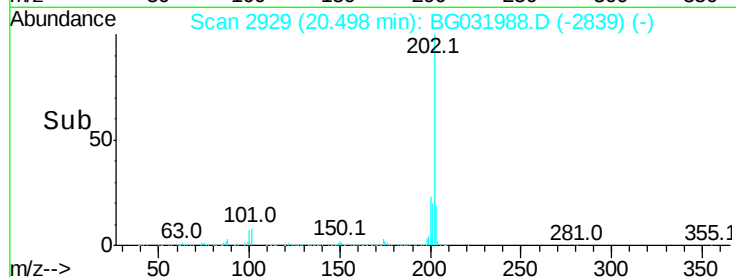
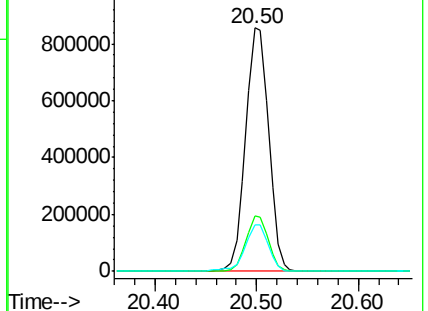
203 19.1 13.9 20.9



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: 85.439 ng

RT: 20.67 min Scan# 2959

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

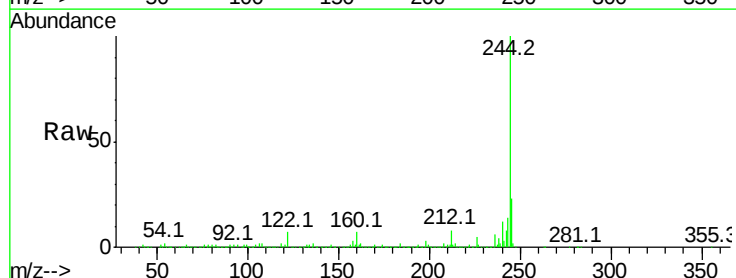
Tgt Ion:244 Resp: 2080857

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

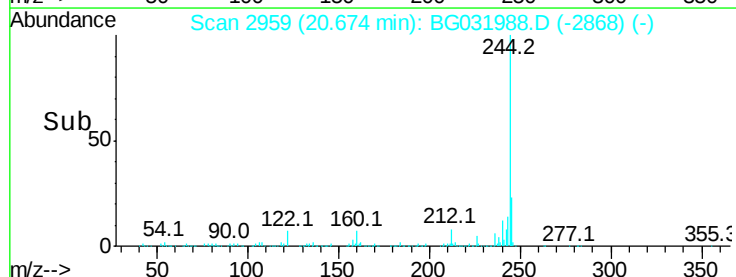
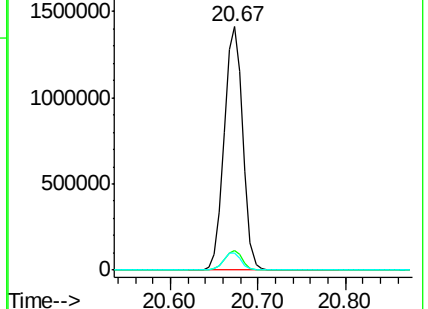
122 7.1 7.0 10.4

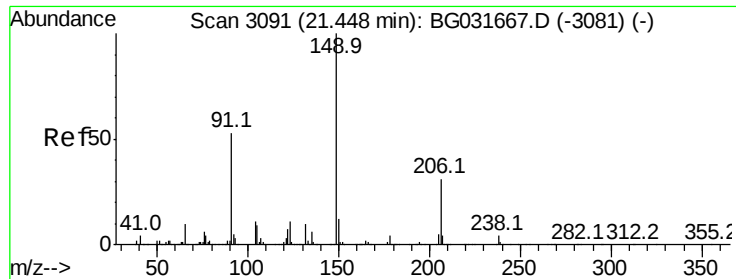


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

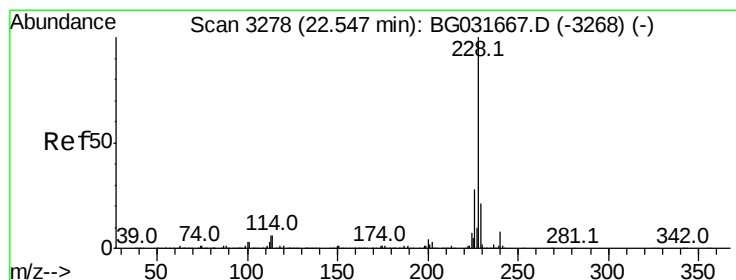
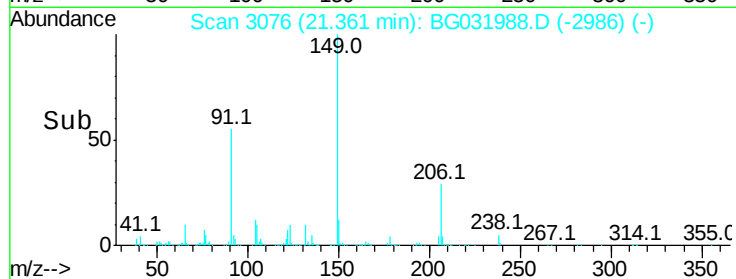
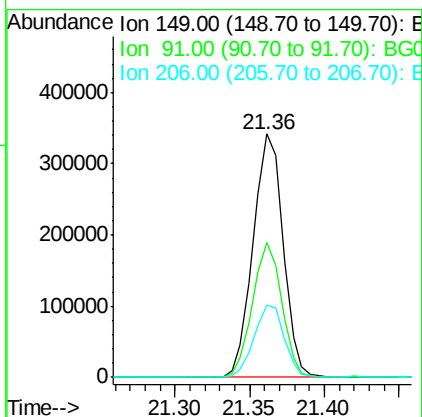
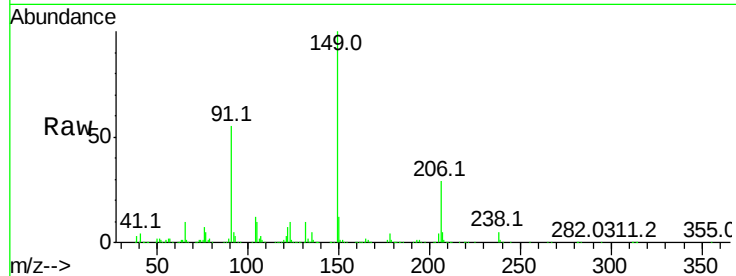




#79
Butylbenzylphthalate
Concen: 39.685 ng
RT: 21.36 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

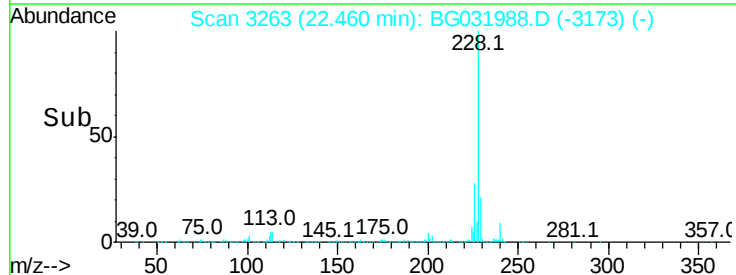
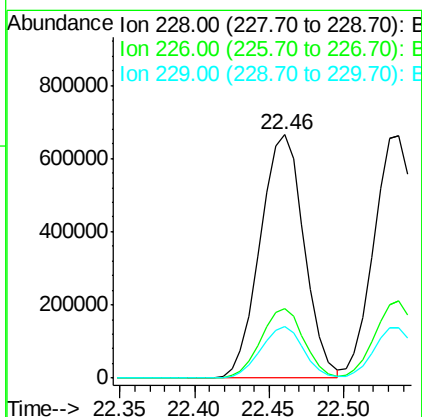
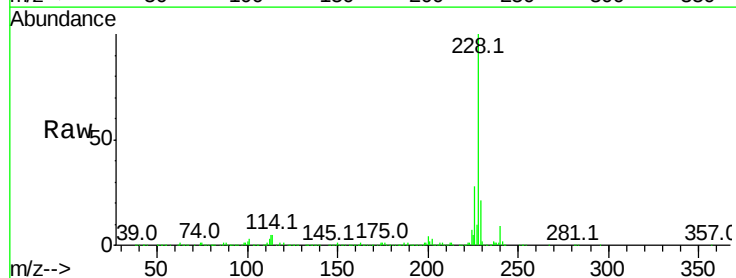
Instrument :
BNA_G
ClientSampleId :

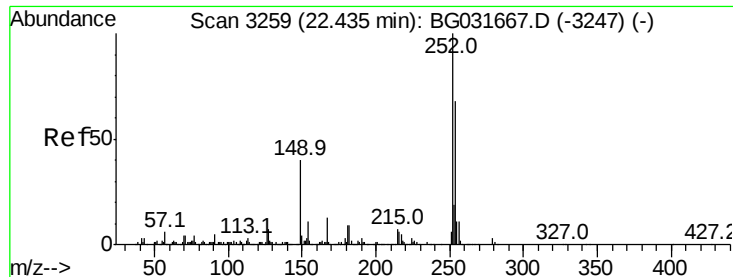
Tot Ion:149 Resp: 473501
Ion Ratio Lower Upper
149 100
91 55.4 62.2 93.2#
206 29.4 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 38.415 ng
RT: 22.46 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:228 Resp: 1359680
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.0 16.2 24.2

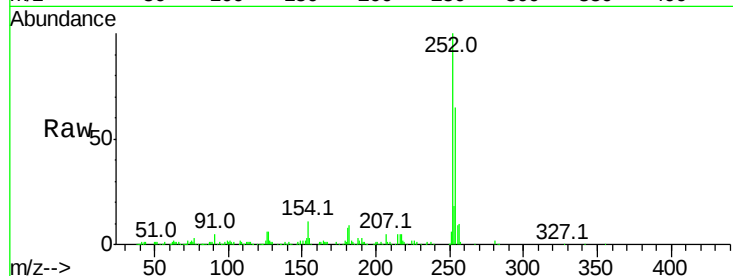




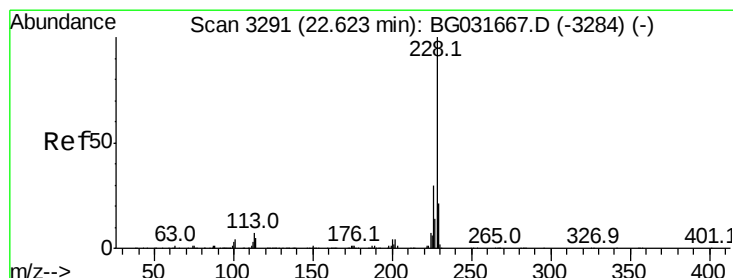
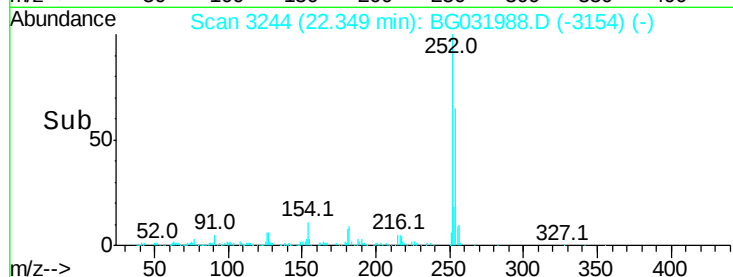
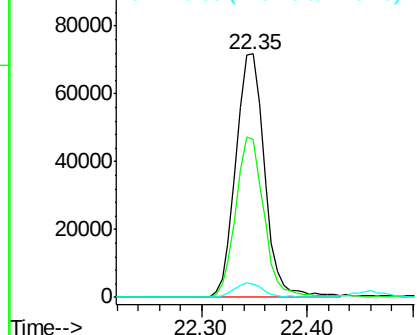
#81
 3,3'-Dichlorobenzidine
 Concen: 9.870 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.1	50.8	76.2
126	5.5	7.4	11.2#

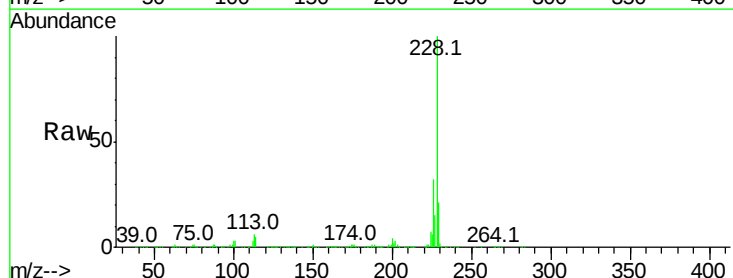


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

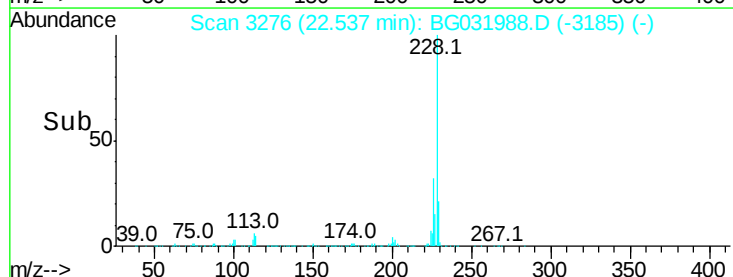
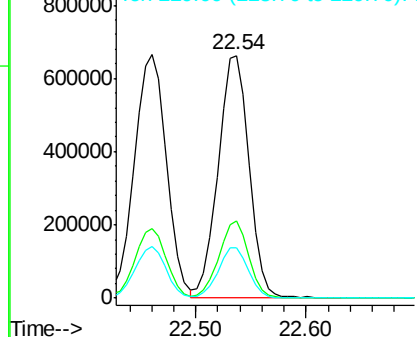


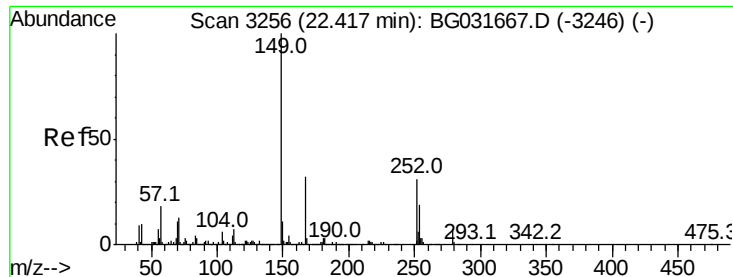
#82
 Chrysene
 Concen: 38.290 ng
 RT: 22.54 min Scan# 3276
 Delta R.T. 0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	20.9	15.0	22.4



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

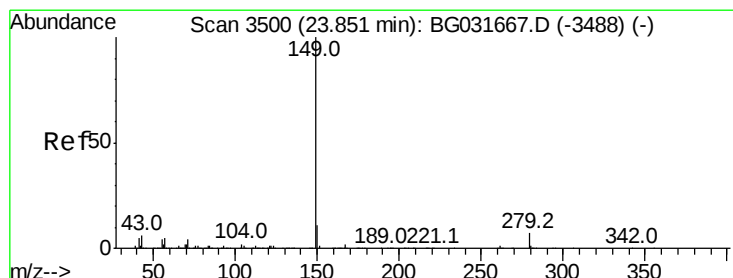
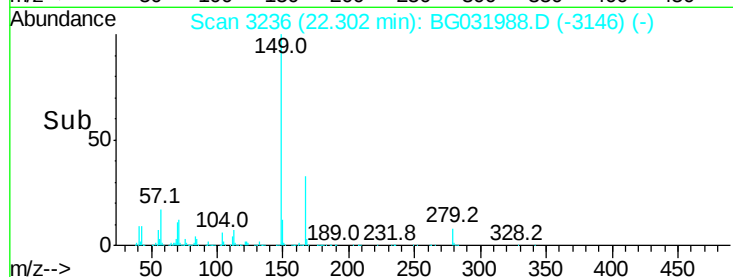
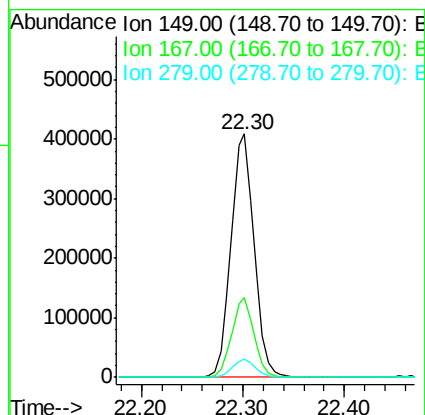
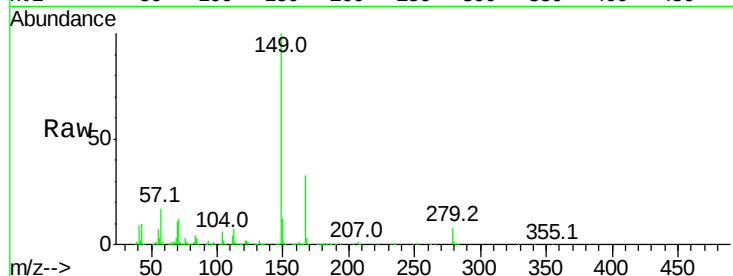




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.216 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

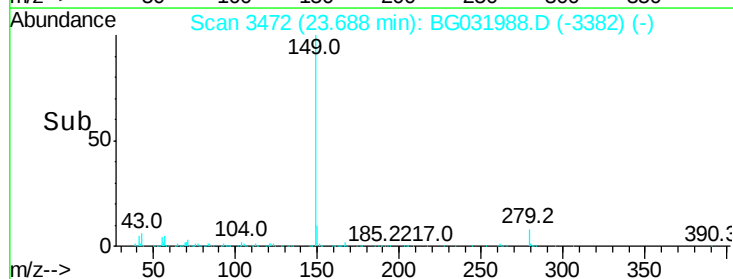
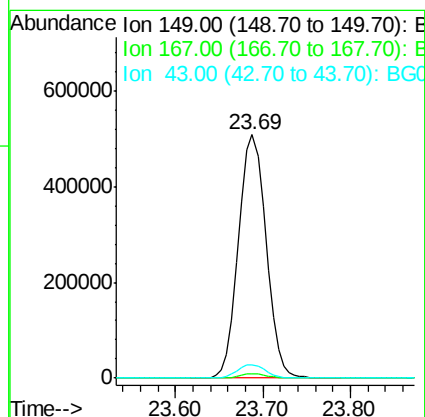
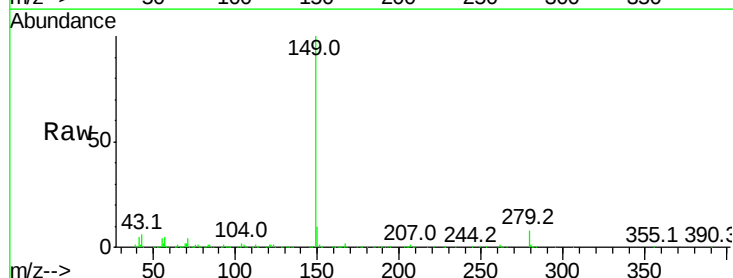
Instrument :
 BNA_G
 ClientSampleId :

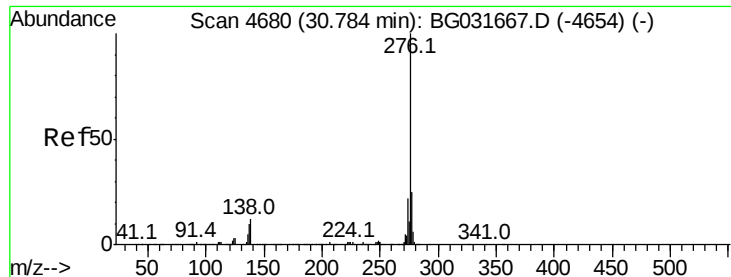
Tot Ion:149 Resp: 643316
 Ion Ratio Lower Upper
 149 100
 167 32.9 24.3 36.5
 279 7.5 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 37.316 ng
 RT: 23.69 min Scan# 3472
 Delta R.T. -0.00 min
 Lab File: BG031988.D
 Acq: 11 Jan 2018 17:39

Tgt Ion:149 Resp: 1086366
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.8 8.9 13.3#





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.120 ng

RT: 30.52 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

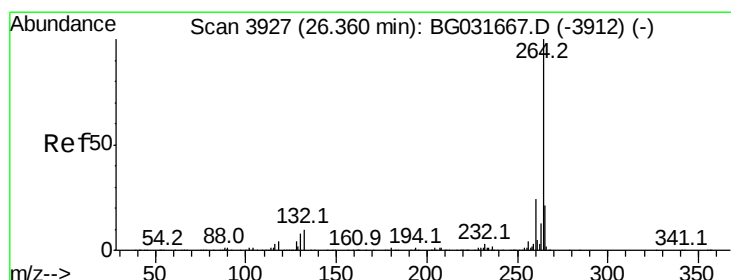
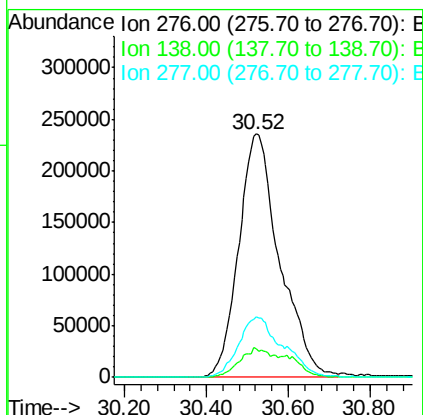
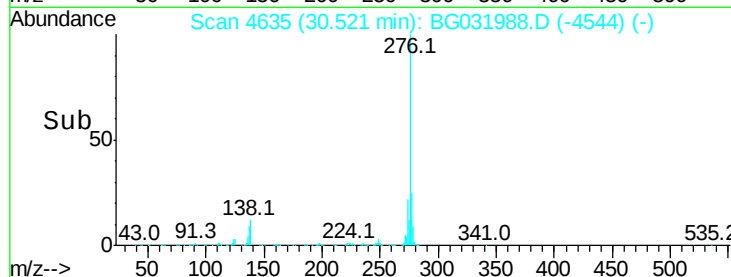
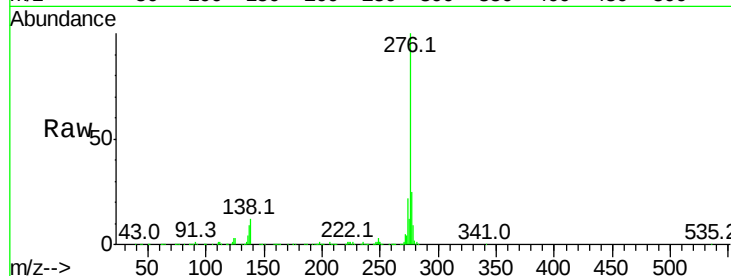
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1637749

Ion	Ratio	Lower	Upper
276	100		
138	9.8	16.0	24.0#
277	26.9	20.0	30.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.20 min Scan# 3899

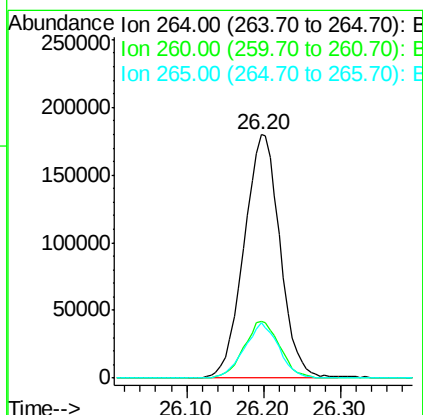
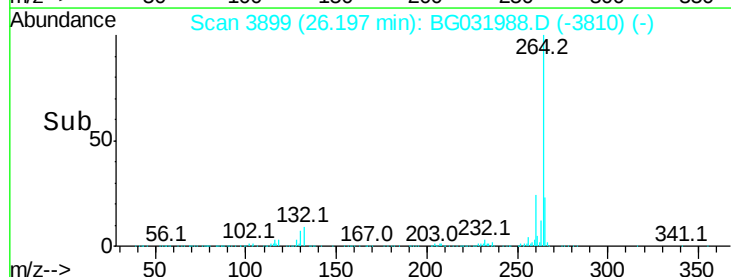
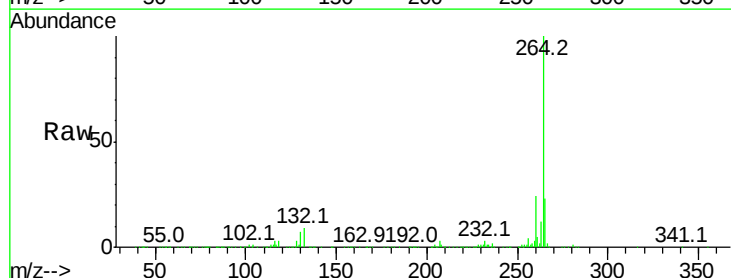
Delta R.T. -0.01 min

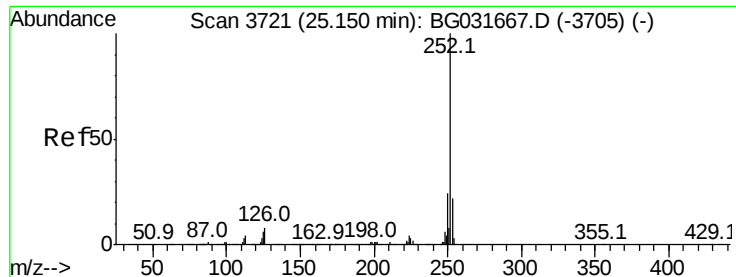
Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Tgt Ion:264 Resp: 587726

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	22.7	17.7	26.5

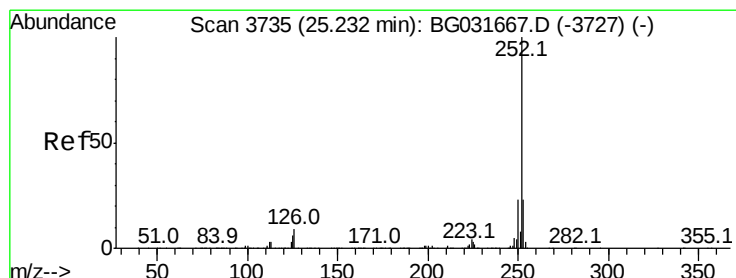
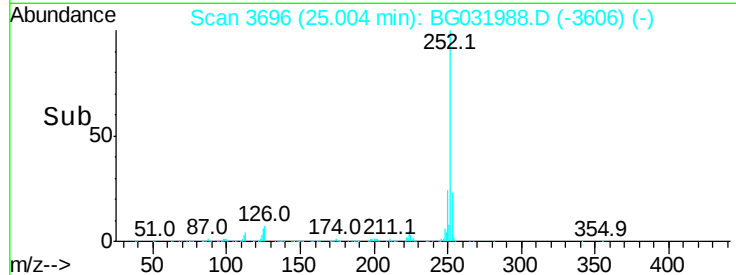
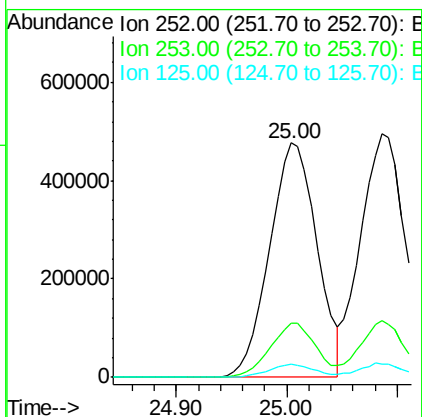
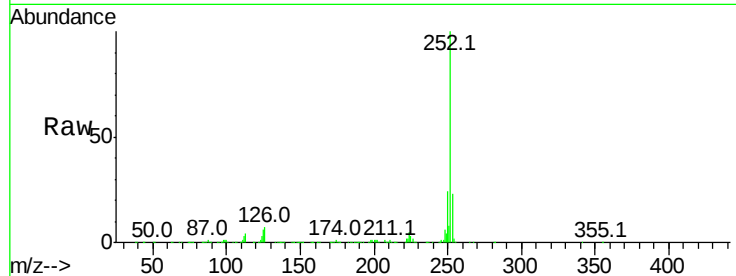




#87
Benzo(b)fluoranthene
Concen: 38.867 ng
RT: 25.00 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

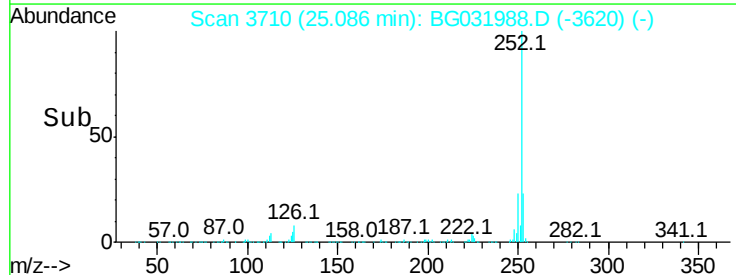
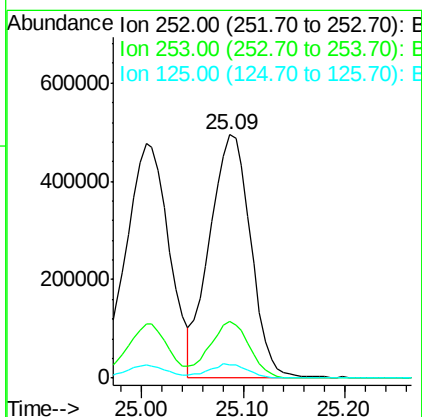
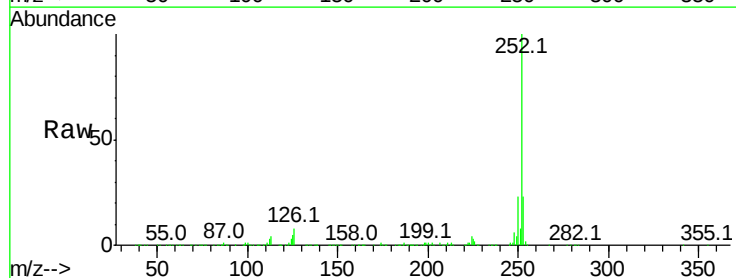
Instrument :
BNA_G
ClientSampleId :

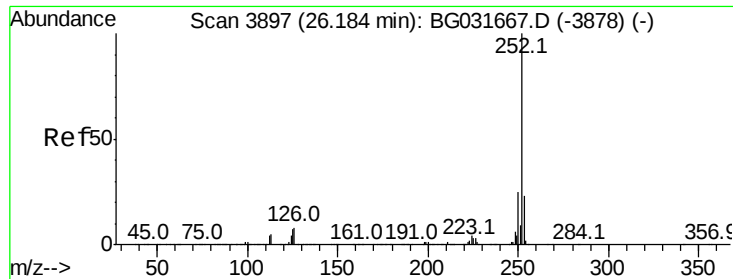
Tot Ion:252 Resp: 1417977
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 5.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.865 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.00 min
Lab File: BG031988.D
Acq: 11 Jan 2018 17:39

Tgt Ion:252 Resp: 1382481
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.2
125 5.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 39.337 ng

RT: 26.03 min Scan# 3870

Delta R.T. -0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampled :

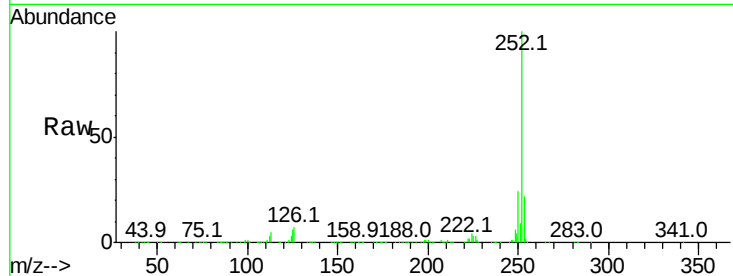
Tot Ion:252 Resp: 1374444

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	6.4	7.3	10.9

252 100

253 22.5 18.3 27.5

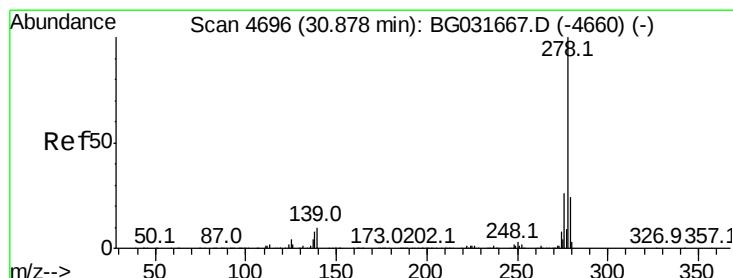
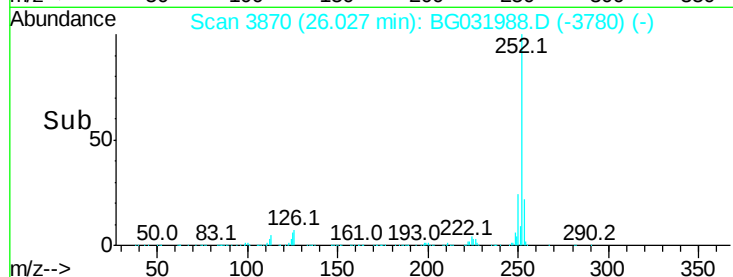
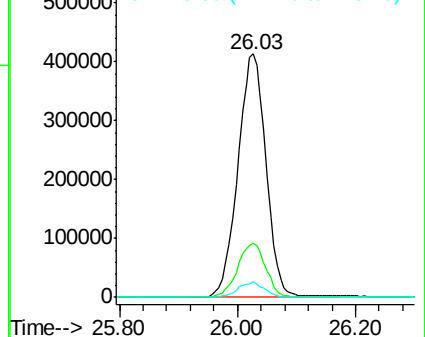
125 6.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.850 ng

RT: 30.60 min Scan# 4649

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

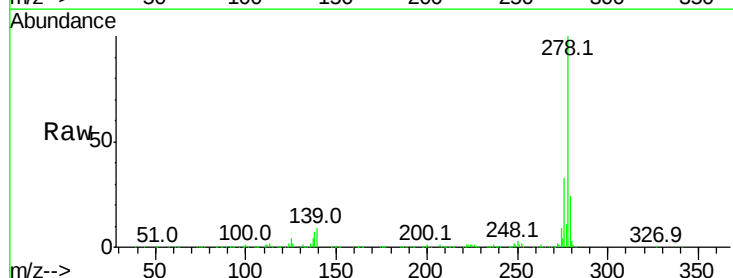
Tgt Ion:278 Resp: 1365838

Ion	Ratio	Lower	Upper
278	100		
139	8.8	9.8	14.6
279	24.2	18.4	27.6

278 100

139 8.8 9.8 14.6

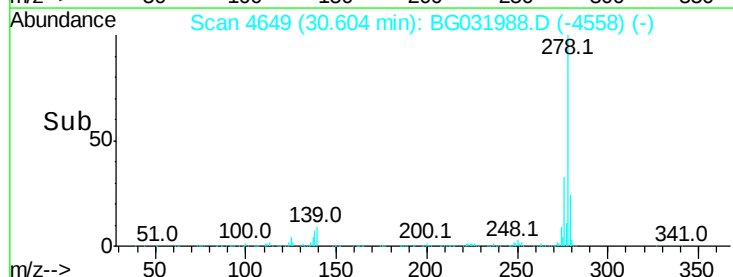
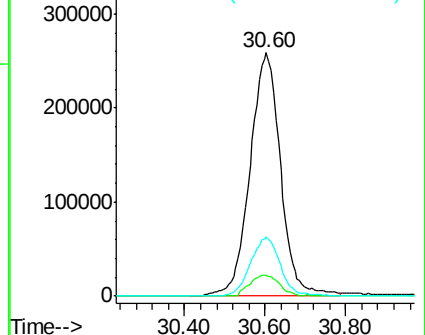
279 24.2 18.4 27.6

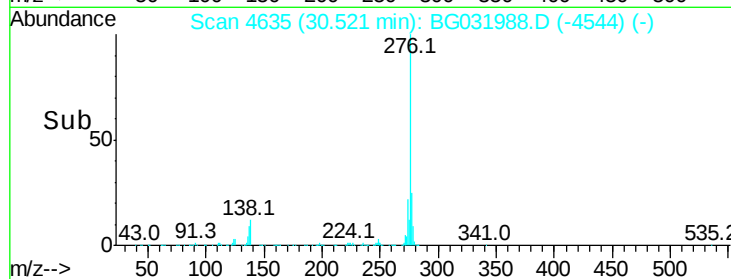
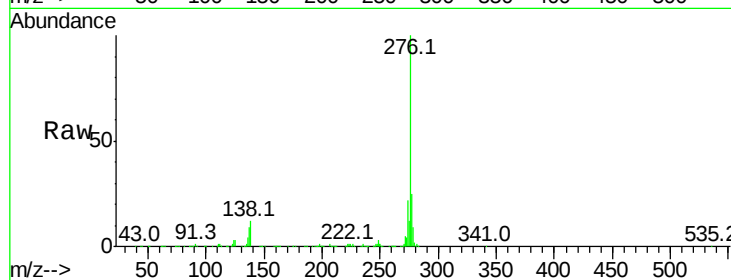
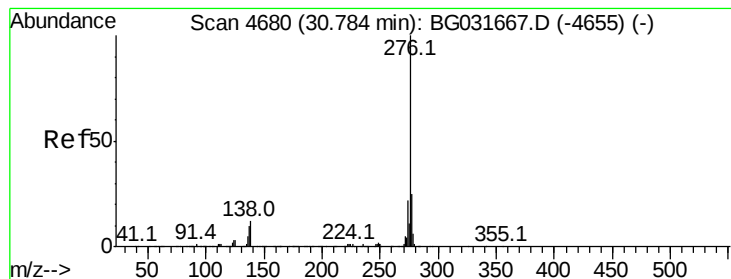


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.440 ng

RT: 30.52 min Scan# 4635

Delta R.T. 0.00 min

Lab File: BG031988.D

Acq: 11 Jan 2018 17:39

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1637749

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.3	27.5
138	11.9	13.9	20.9

276 100

277 25.1 18.3 27.5

138 11.9 13.9 20.9

