

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033491.D
 Acq On : 2 Apr 2018 17:31
 Operator : SJ/JU
 Sample : PB107874BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

Quant Time: Apr 03 04:00:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	38137	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	173551	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	129117	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	337162	20.00	ng	0.00
75) Chrysene-d12	22.56	240	345557	20.00	ng	0.00
86) Perylene-d12	26.32	264	368137	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.29	112	266309	130.94	ng	0.00
7) Phenol-d6	7.98	99	425747	121.83	ng	0.00
23) Nitrobenzene-d5	10.07	82	264309	69.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	206381	106.87	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	661152	73.92	ng	0.00
78) Terphenyl-d14	20.73	244	1211805	75.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.92	88	31590	30.585	ng	92
3) Pyridine	4.38	79	88367	30.950	ng	91
4) n-Nitrosodimethylamine	4.29	42	45499	38.831	ng	# 77
6) Aniline	8.16	93	30843	7.505	ng	# 83
8) 2-Chlorophenol	8.41	128	103672	44.588	ng	95
9) Benzaldehyde	7.97	77	37181	16.742	ng	97
10) Phenol	8.01	94	151608	43.942	ng	88
11) bis(2-Chloroethyl)ether	8.24	93	89633	31.828	ng	96
12) 1,3-Dichlorobenzene	8.75	146	102106	33.589	ng	94
13) 1,4-Dichlorobenzene	8.90	146	104457	34.312	ng	98
14) 1,2-Dichlorobenzene	9.23	146	105431	35.483	ng	98
15) Benzyl Alcohol	9.10	79	107332	39.010	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	169428	36.905	ng	87
17) 2-Methylphenol	9.30	107	86382	36.752	ng	# 88
18) Hexachloroethane	9.98	117	42277	35.981	ng	96
19) n-Nitroso-di-n-propylamine	9.67	70	94065	36.734	ng	# 93
20) 3+4-Methylphenols	9.64	107	136784	40.874	ng	93
22) Acetophenone	9.70	105	159687	33.585	ng	# 96
24) Nitrobenzene	10.11	77	142986	35.364	ng	94
25) Isophorone	10.62	82	272561	37.177	ng	97
26) 2-Nitrophenol	10.83	139	57696	37.691	ng	# 85
27) 2,4-Dimethylphenol	10.87	122	102419	46.057	ng	86
28) bis(2-Chloroethoxy)methane	11.11	93	137401	37.562	ng	94
29) 2,4-Dichlorophenol	11.38	162	112391	41.097	ng	97
30) 1,2,4-Trichlorobenzene	11.60	180	117040	32.940	ng	97
31) Naphthalene	11.80	128	325510	36.194	ng	96
32) Benzoic acid	10.99	122	46035	22.269	ng	92
33) 4-Chloroaniline	11.90	127	23531	5.840	ng	95
34) Hexachlorobutadiene	12.06	225	86742	32.283	ng	96
35) Caprolactam	12.64	113	41960	39.165	ng	98
36) 4-Chloro-3-methylphenol	12.96	107	144533	40.522	ng	91
37) 2-Methylnaphthalene	13.35	142	253400	36.301	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	162085	34.656	ng	98
40) Hexachlorocyclopentadiene	13.67	237	209089	76.261	ng	91

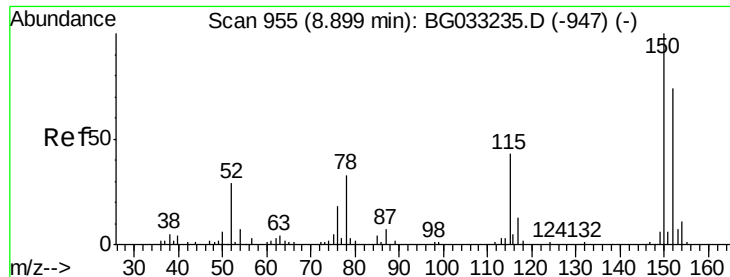
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
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 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	106709	39.270	nq	94
43) 2,4,5-Trichlorophenol	14.01	196	118938	37.031	nq	97
45) 1,1'-Biphenyl	14.33	154	353293	35.615	nq	97
46) 2-Chloronaphthalene	14.38	162	271450	35.490	nq	92
47) 2-Nitroaniline	14.57	65	110080	38.425	nq	98
48) Acenaphthylene	15.21	152	452105	35.412	nq	99
49) Dimethylphthalate	14.91	163	395022	35.155	nq	99
50) 2,6-Dinitrotoluene	15.04	165	84786	36.902	nq	97
51) Acenaphthene	15.55	154	322155	39.143	nq	95
52) 3-Nitroaniline	15.39	138	25209	10.465	nq	# 90
53) 2,4-Dinitrophenol	15.58	184	78911	67.628	nq	# 79
54) Dibenzofuran	15.88	168	446449	36.724	nq	94
55) 4-Nitrophenol	15.67	139	134808	79.589	nq	# 90
56) 2,4-Dinitrotoluene	15.82	165	124305	36.744	nq	96
57) Fluorene	16.52	166	374564	36.166	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	117279	38.786	nq	98
59) Diethylphthalate	16.24	149	395288	36.228	nq	98
60) 4-Chlorophenyl-phenylether	16.49	204	210456	35.350	nq	98
61) 4-Nitroaniline	16.53	138	71727	29.405	nq	# 83
62) Azobenzene	16.79	77	393915	37.269	nq	97
64) 4,6-Dinitro-2-methylphenol	16.58	198	68970	34.194	nq	92
65) n-Nitrosodiphenylamine	16.70	169	347780	36.131	nq	96
66) 4-Bromophenyl-phenylether	17.38	248	143681	36.286	nq	92
67) Hexachlorobenzene	17.51	284	142901	34.196	nq	97
68) Atrazine	17.62	200	152226	39.028	nq	95
69) Pentachlorophenol	17.85	266	188179	65.609	nq	98
70) Phenanthrene	18.26	178	638777	36.378	nq	98
71) Anthracene	18.34	178	664668	37.384	nq	99
72) Carbazole	18.60	167	584858	37.122	nq	97
73) Di-n-butylphthalate	19.10	149	700887	38.220	nq	98
74) Fluoranthene	20.21	202	818888	37.686	nq	97
76) Benzidine	20.37	184	122633	13.086	nq	97
77) Pyrene	20.57	202	822368	35.683	nq	98
79) Butylbenzylphthalate	21.42	149	316015	37.158	nq	97
80) Benzo(a)anthracene	22.53	228	797995	36.267	nq	98
81) 3,3'-Dichlorobenzidine	22.42	252	88308	11.278	nq	99
82) Chrysene	22.61	228	762910	35.818	nq	99
83) Bis(2-ethylhexyl)phthalate	22.36	149	436932	37.269	nq	97
84) Di-n-octyl phthalate	23.75	149	756437	42.140	nq	99
85) Indeno(1,2,3-cd)pyrene	30.70	276	888213	38.570	nq	# 87
87) Benzo(b)fluoranthene	25.11	252	768862	36.149	nq	# 95
88) Benzo(k)fluoranthene	25.19	252	806037	37.471	nq	# 96
89) Benzo(a)pyrene	26.14	252	773153	37.853	nq	# 98
90) Dibenzo(a,h)anthracene	30.77	278	725666	37.717	nq	98
91) Benzo(g,h,i)perylene	32.07	276	734669	38.561	nq	# 93

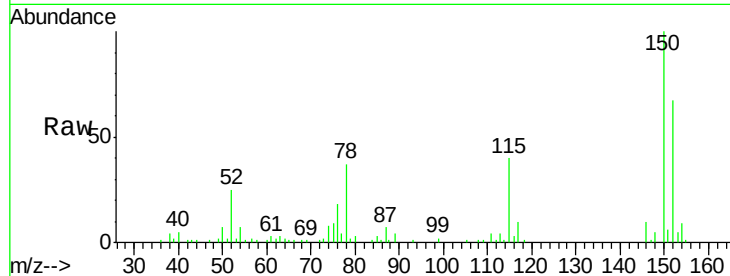
(#) = qualifier out of range (m) = manual integration (+) = signals summed



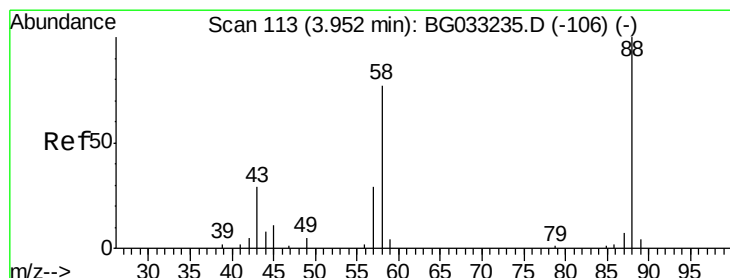
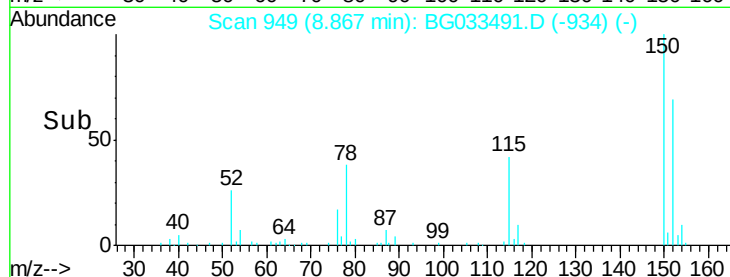
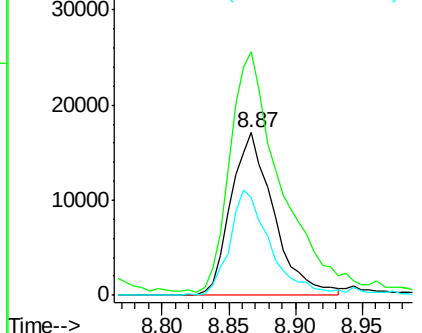
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

Tot Ion:152 Resp: 38137
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.6 189.8
 115 60.3 53.0 79.4

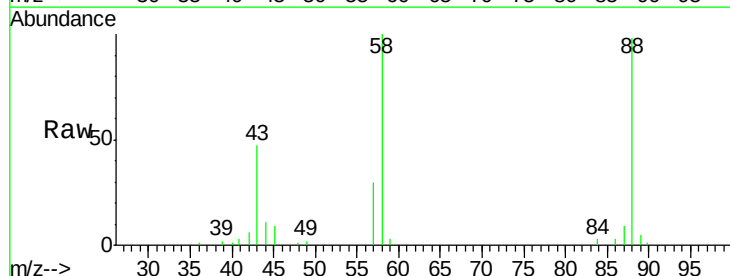


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

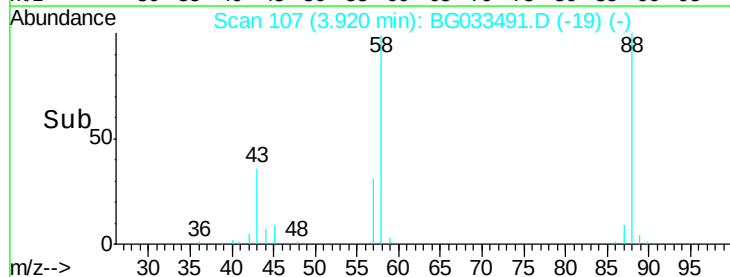
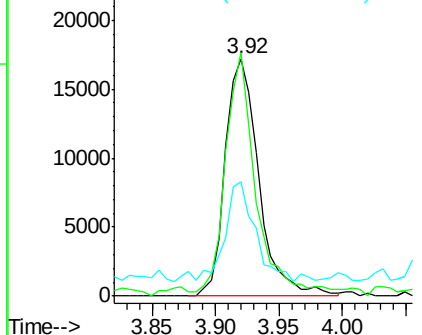


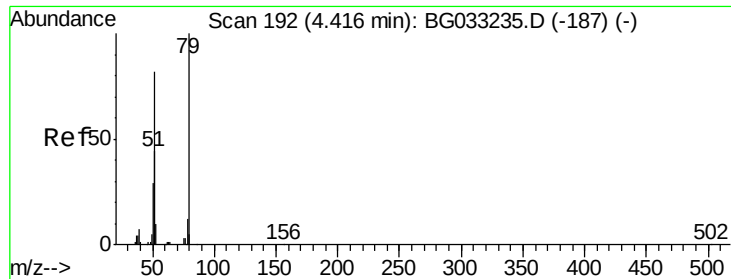
#2
 1,4-Dioxane
 Concen: 30.585 ng
 RT: 3.92 min Scan# 107
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion: 88 Resp: 31590
 Ion Ratio Lower Upper
 88 100
 58 90.1 79.6 119.4
 43 36.8 27.4 41.0



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





#3

Pvridine

Concen: 30.950 ng

RT: 4.38 min Scan# 186

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

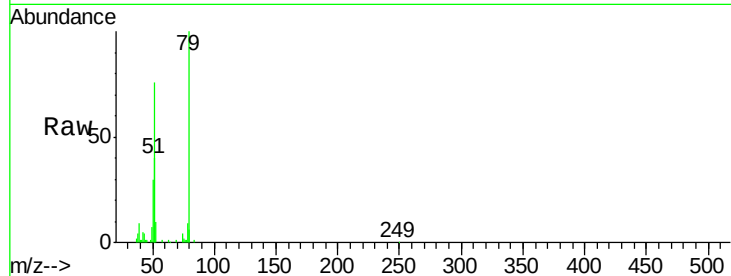
Tot Ion: 79 Resp: 88367

Ion Ratio Lower Upper

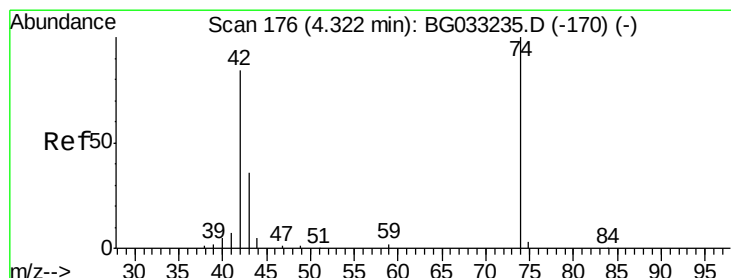
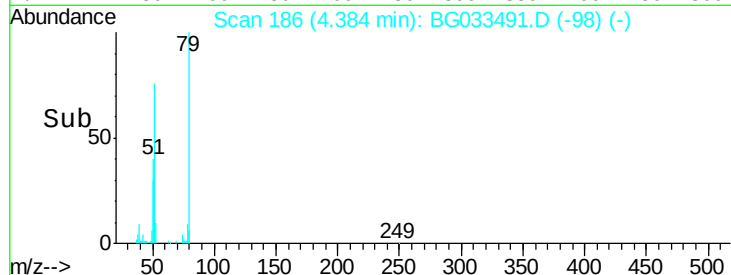
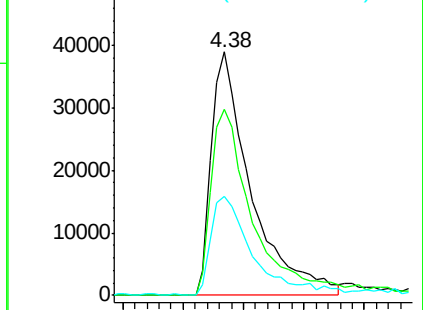
79 100

52 76.2 69.9 104.9

51 40.4 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.831 ng

RT: 4.29 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

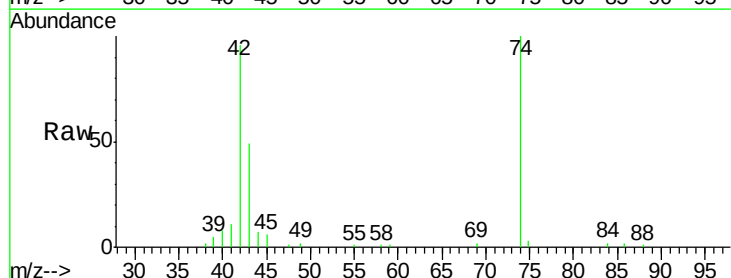
Tgt Ion: 42 Resp: 45499

Ion Ratio Lower Upper

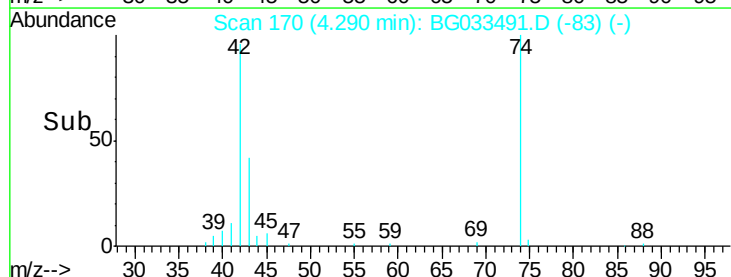
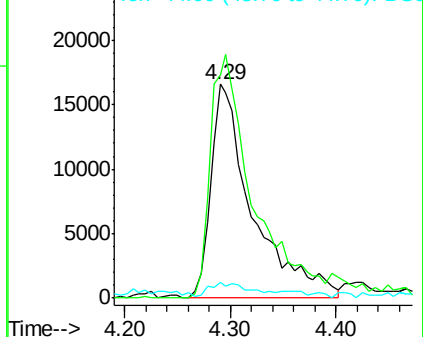
42 100

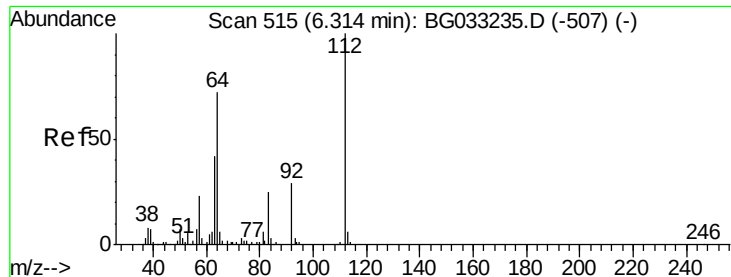
74 104.2 102.5 153.7

44 7.3 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 130.939 ng

RT: 6.29 min Scan# 511

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

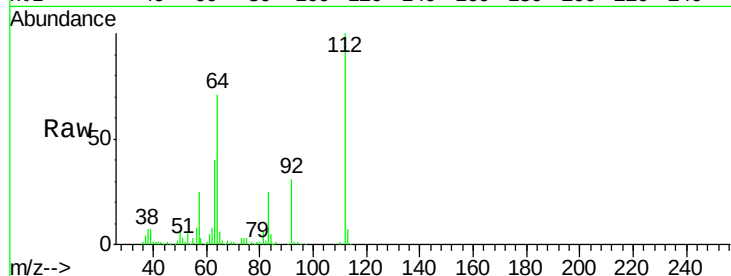
Tot Ion:112 Resp: 266309

Ion Ratio Lower Upper

112 100

64 71.2 56.3 84.5

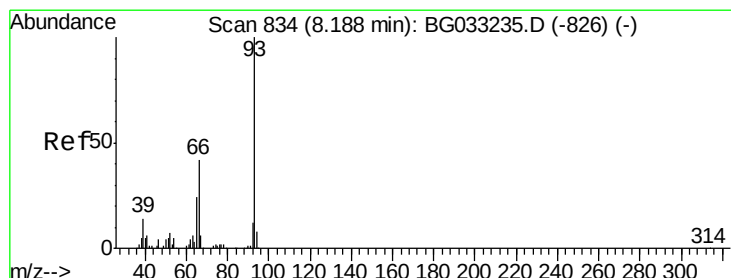
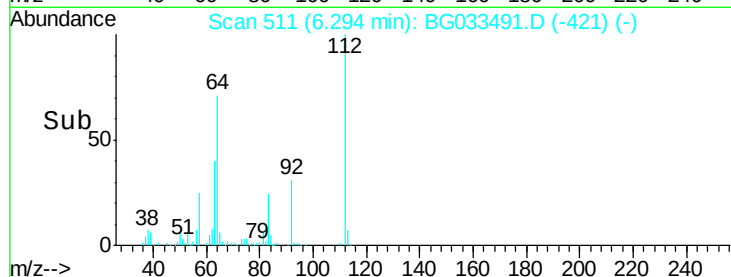
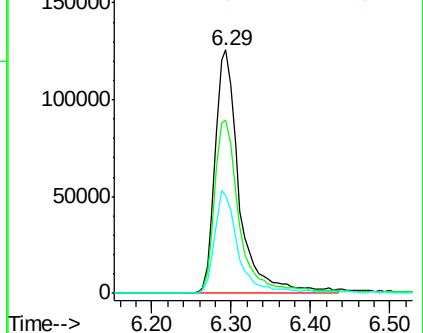
63 40.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.505 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

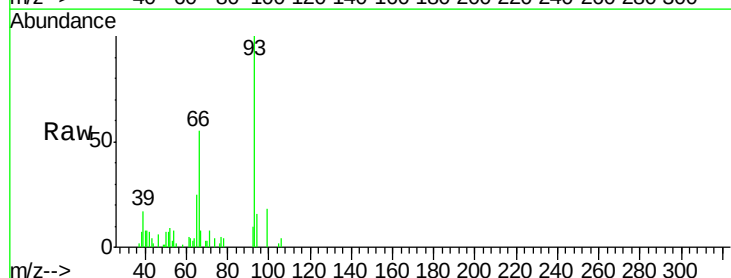
Tgt Ion: 93 Resp: 30843

Ion Ratio Lower Upper

93 100

66 54.8 33.7 50.5#

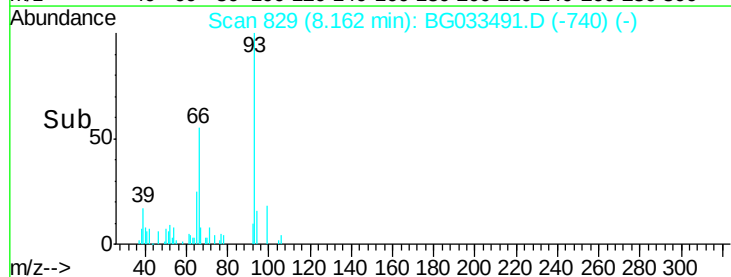
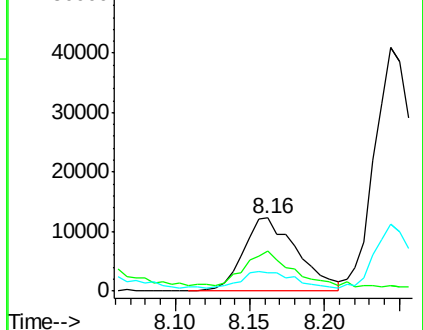
65 24.9 16.1 24.1#

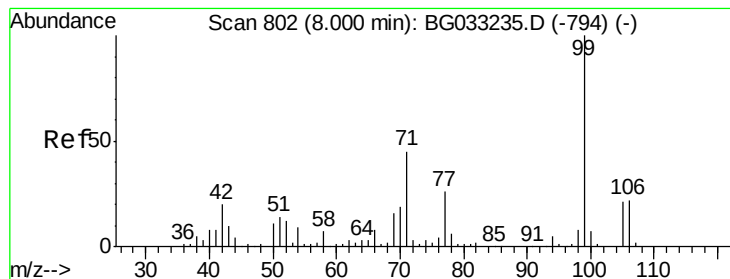


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.831 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

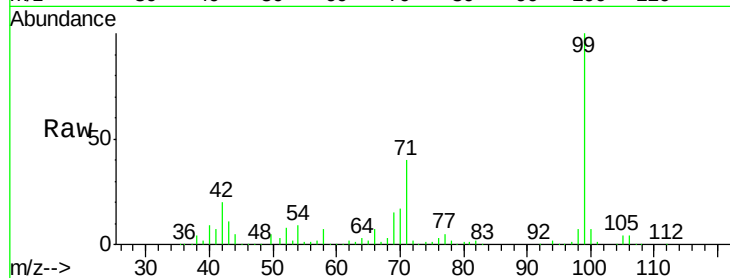
Tot Ion: 99 Resp: 425747

Ion Ratio Lower Upper

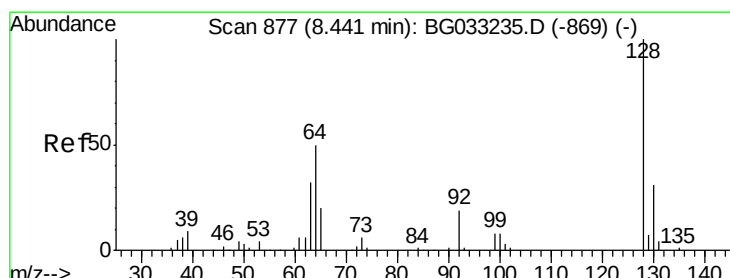
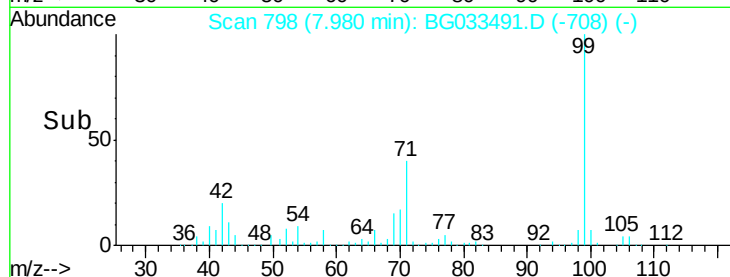
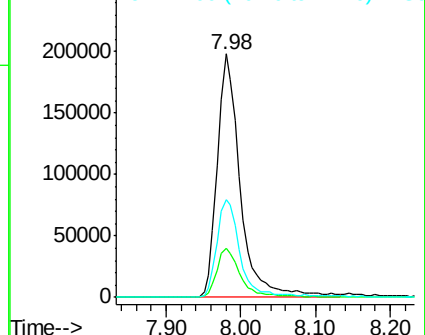
99 100

42 20.1 14.1 21.1

71 39.9 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: 44.588 ng

RT: 8.41 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

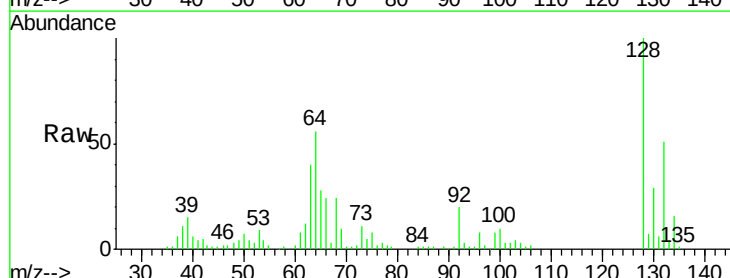
Tgt Ion:128 Resp: 103672

Ion Ratio Lower Upper

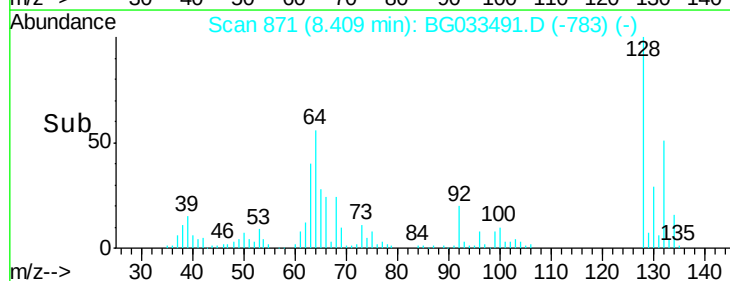
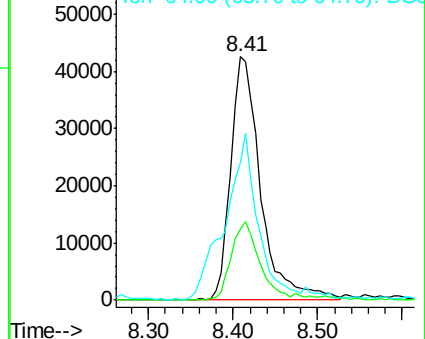
128 100

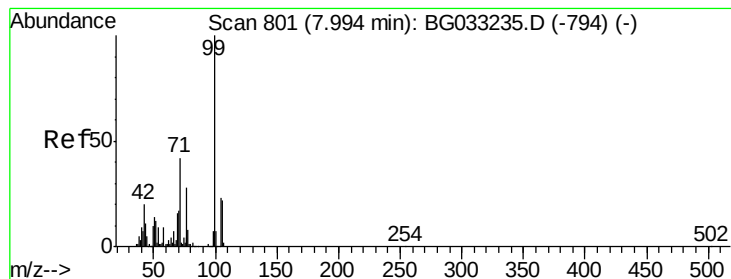
130 28.8 14.0 54.0

64 56.2 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: 16.742 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

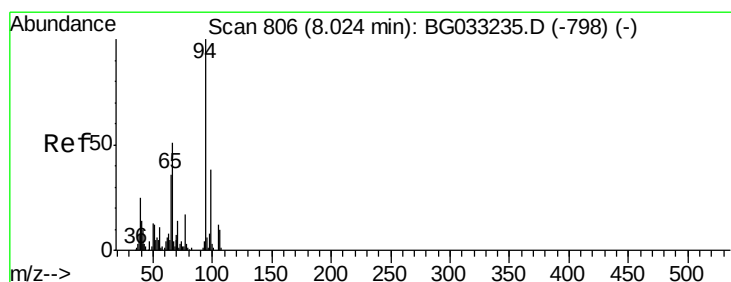
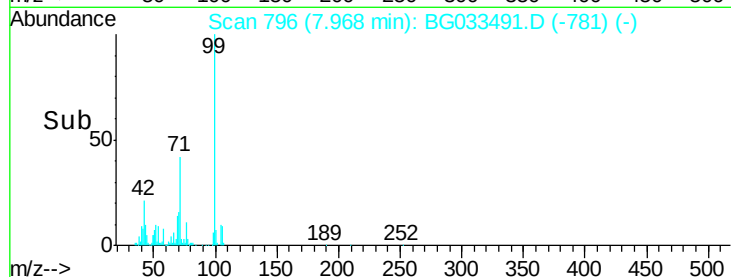
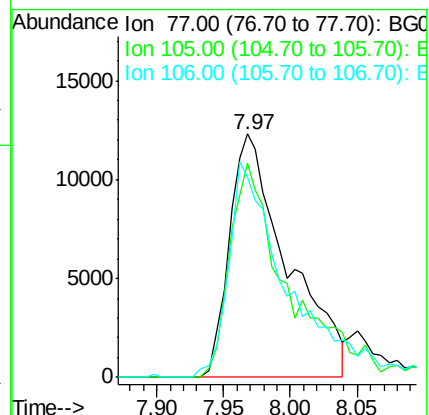
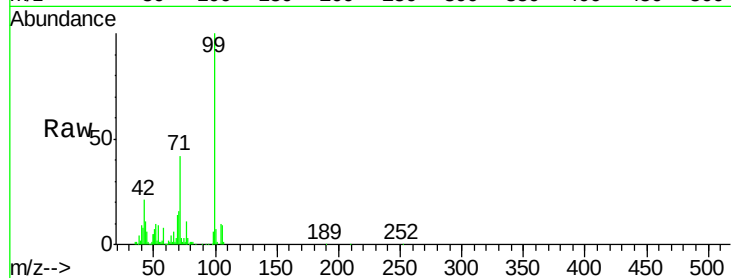
Tot Ion: 77 Resp: 37181

Ion Ratio Lower Upper

77 100

105 88.1 71.3 111.3

106 82.2 64.2 104.2



#10

Phenol

Concen: 43.942 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

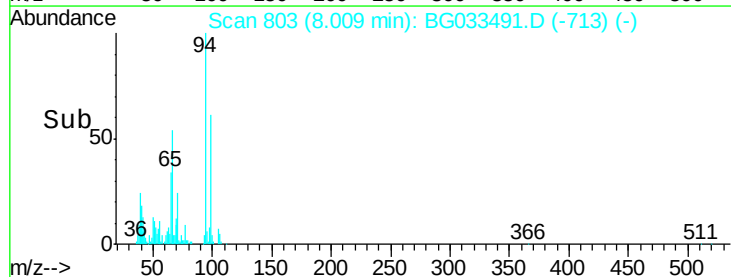
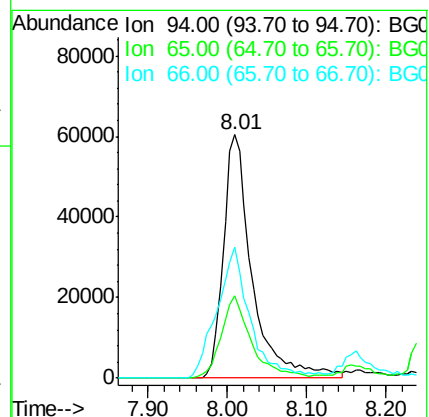
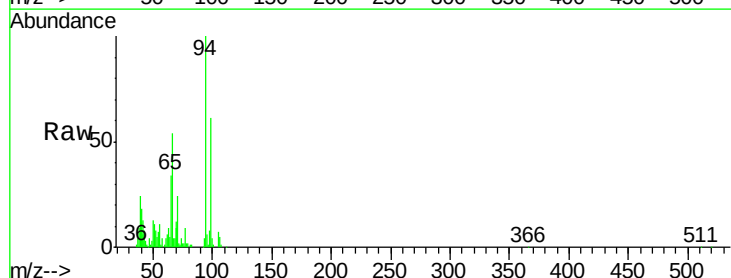
Tgt Ion: 94 Resp: 151608

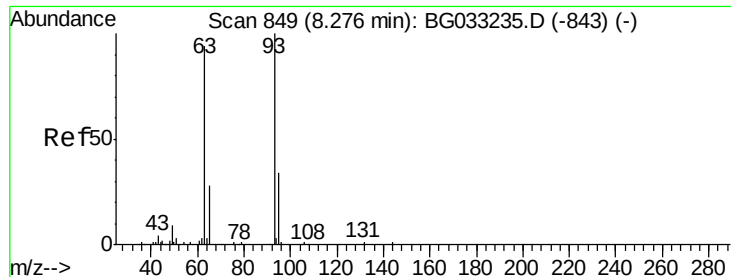
Ion Ratio Lower Upper

94 100

65 33.8 11.9 51.9

66 53.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 31.828 ng

RT: 8.24 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

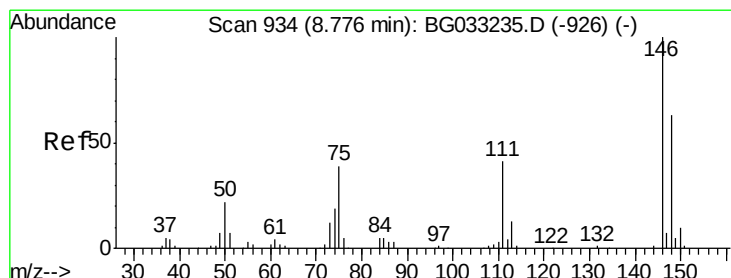
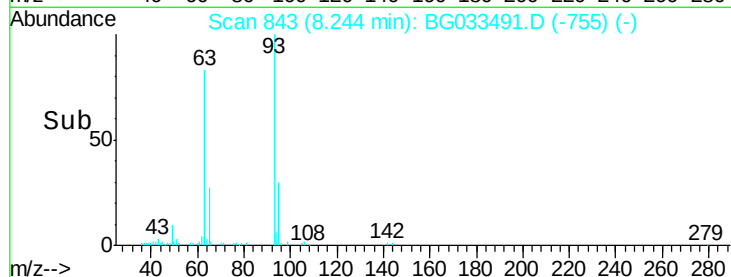
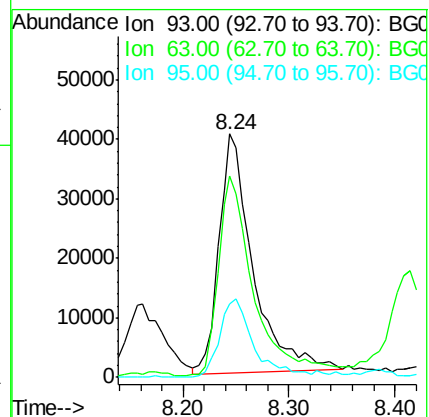
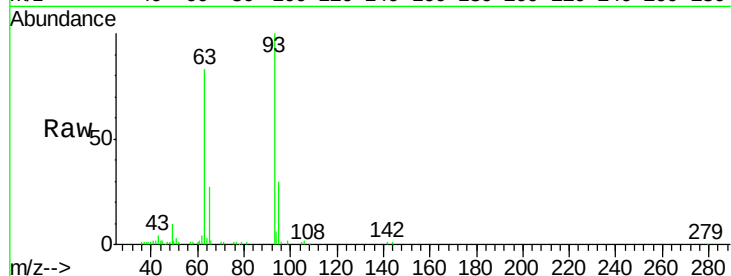
Tot Ion: 93 Resp: 89633

Ion Ratio Lower Upper

93 100

63 82.9 67.1 107.1

95 30.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 33.589 ng

RT: 8.75 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

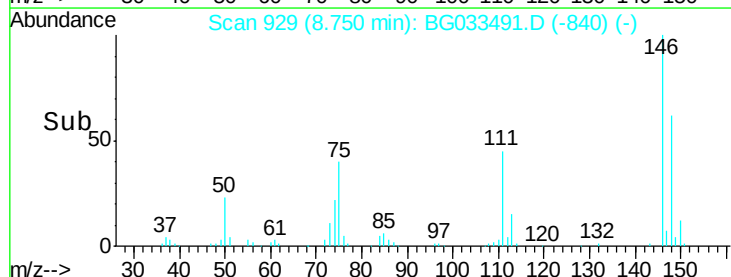
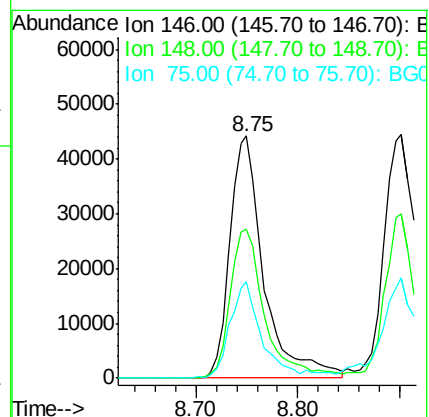
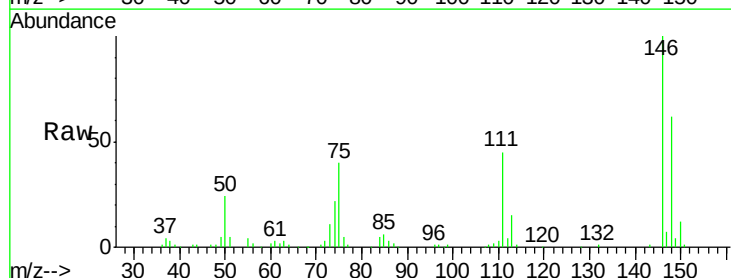
Tgt Ion: 146 Resp: 102106

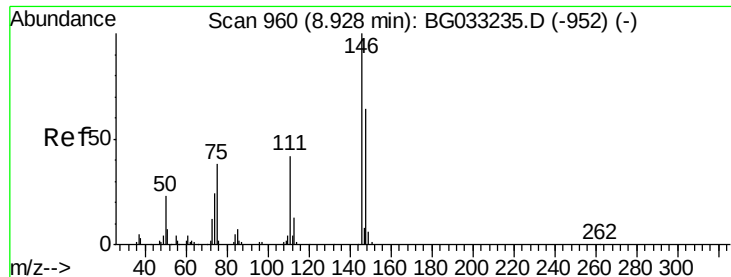
Ion Ratio Lower Upper

146 100

148 61.7 51.4 77.2

75 39.8 26.6 39.8

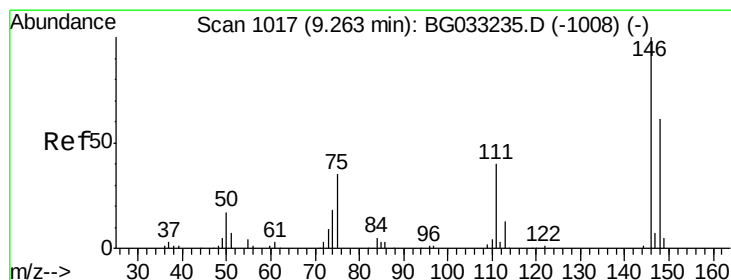
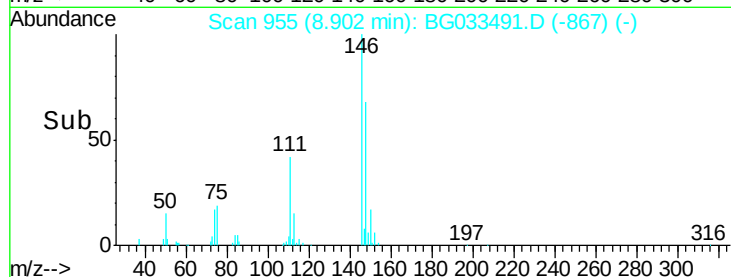
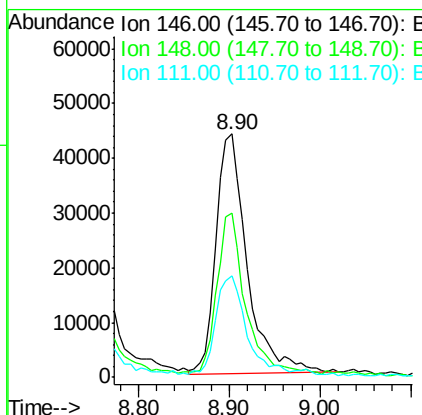
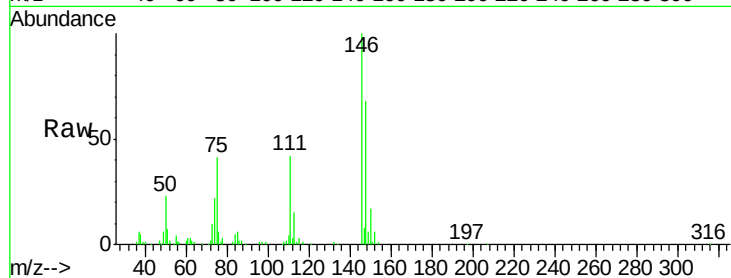




#13
 1,4-Dichlorobenzene
 Concen: 34.312 ng
 RT: 8.90 min Scan# 955
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

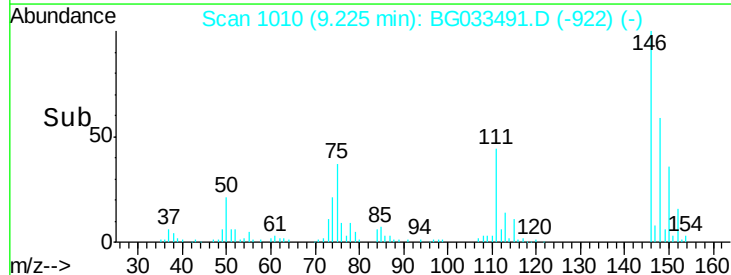
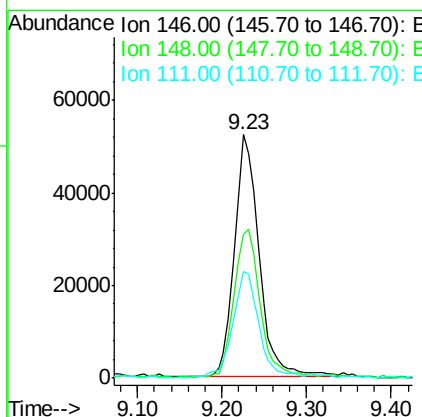
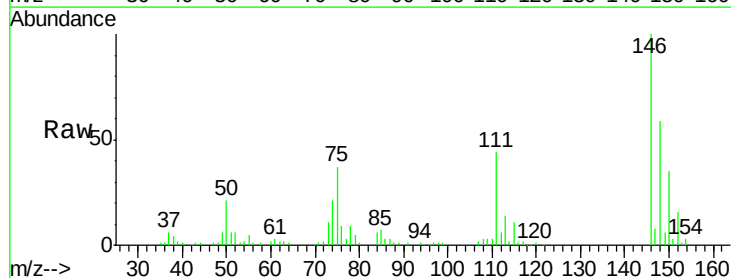
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

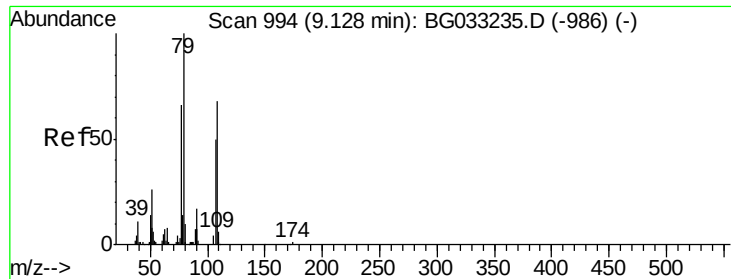
Tot Ion:146 Resp: 104457
 Ion Ratio Lower Upper
 146 100
 148 67.5 53.7 80.5
 111 41.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 35.483 ng
 RT: 9.23 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion:146 Resp: 105431
 Ion Ratio Lower Upper
 146 100
 148 59.1 49.3 73.9
 111 43.7 34.3 51.5

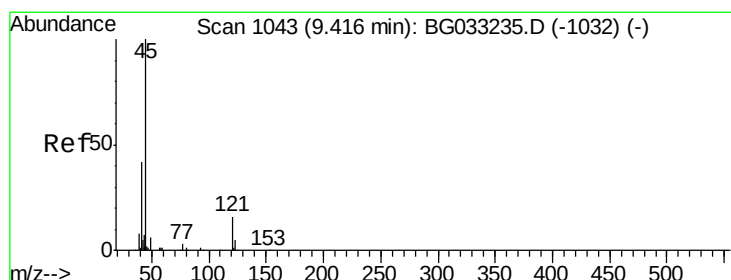
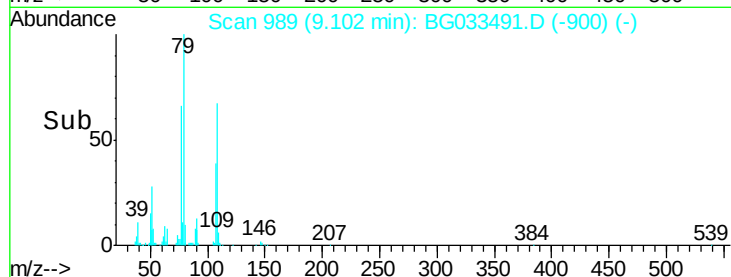
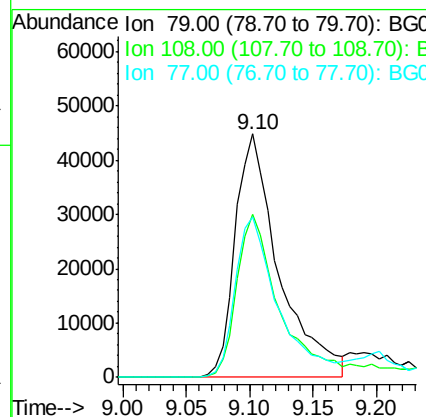
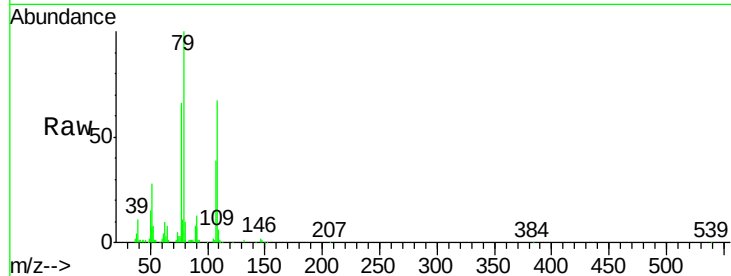




#15
Benzyl Alcohol
Concen: 39.010 ng
RT: 9.10 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

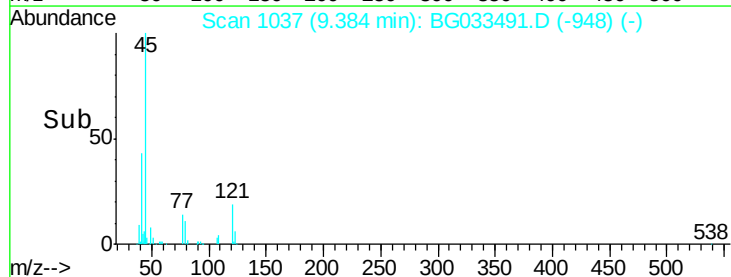
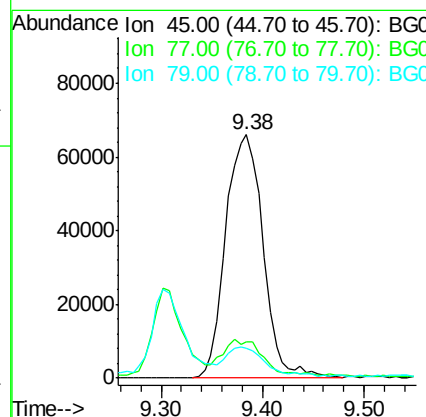
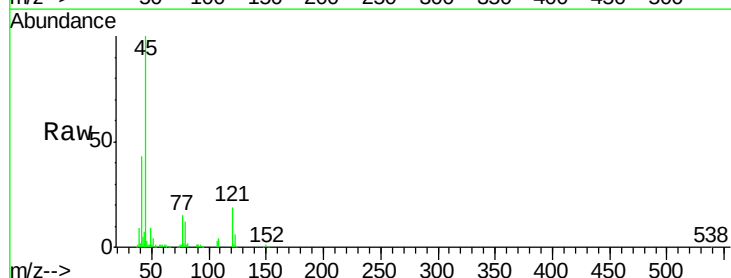
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

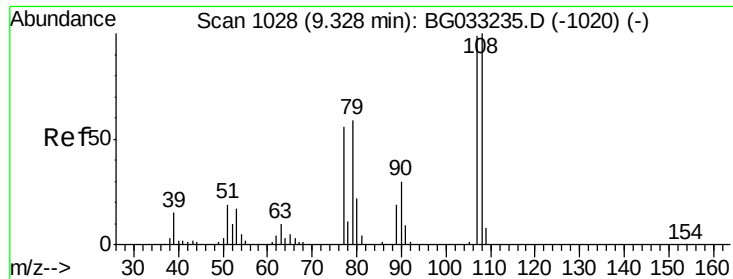
Tot Ion: 79 Resp: 107332
Ion Ratio Lower Upper
79 100
108 66.9 57.2 85.8
77 65.7 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 36.905 ng
RT: 9.38 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion: 45 Resp: 169428
Ion Ratio Lower Upper
45 100
77 15.2 0.0 30.2
79 12.5 0.0 27.9

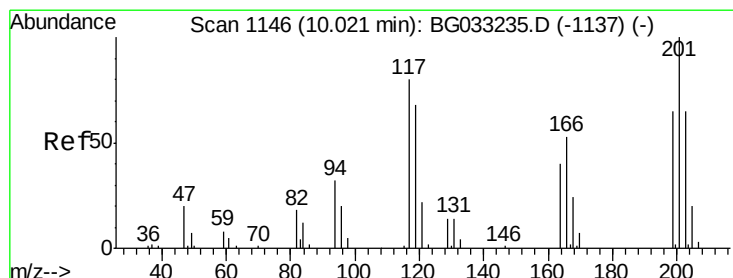
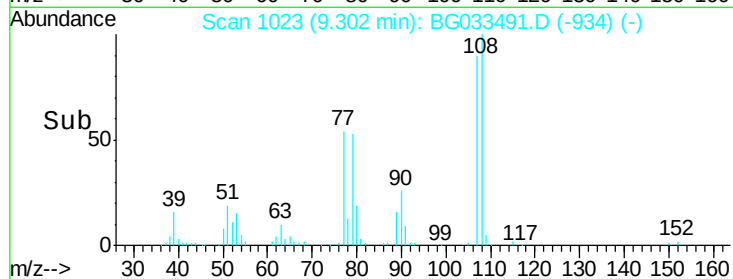
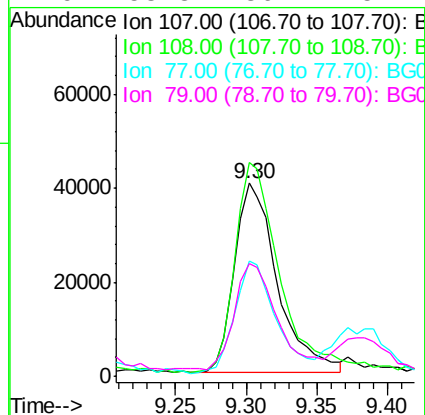
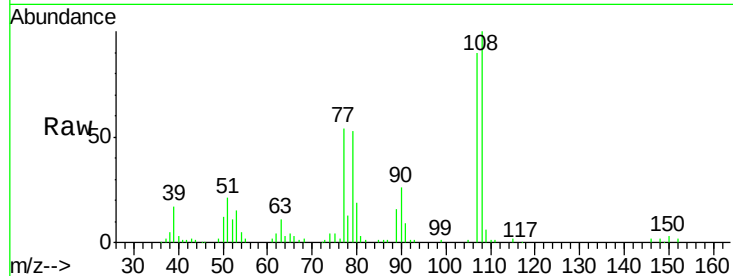




#17
2-Methylphenol
Concen: 36.752 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

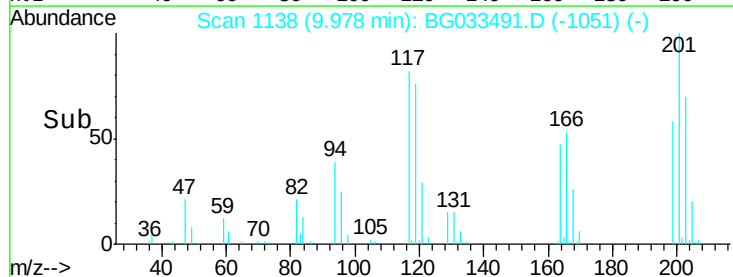
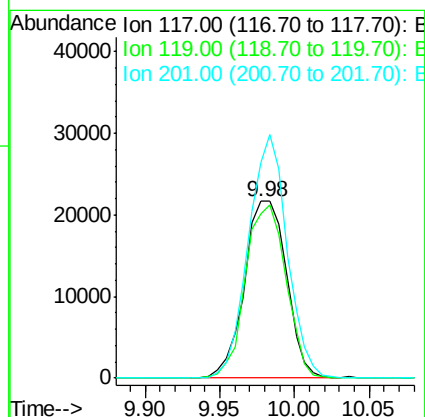
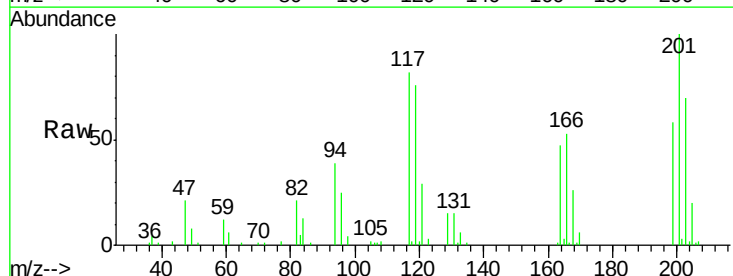
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

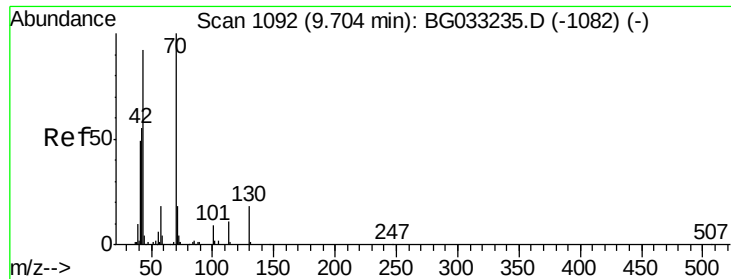
Tot Ion:	107	Resp:	86382
Ion	Ratio	Lower	Upper
107	100		
108	110.6	83.9	125.9
77	59.6	37.2	55.8#
79	58.3	36.2	54.2#



#18
Hexachloroethane
Concen: 35.981 ng
RT: 9.98 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:	117	Resp:	42277
Ion	Ratio	Lower	Upper
117	100		
119	90.8	76.7	115.1
201	122.5	95.7	143.5

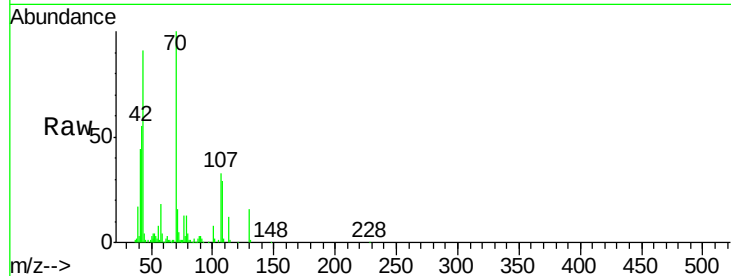




#19
n-Nitroso-di-n-propylamine
Concen: 36.734 ng
RT: 9.67 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB107874BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.3	49.1	73.7	
101	7.8	8.5	12.7	
130	15.9	13.4	20.0	



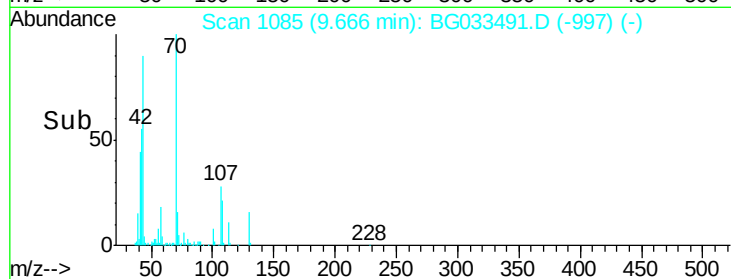
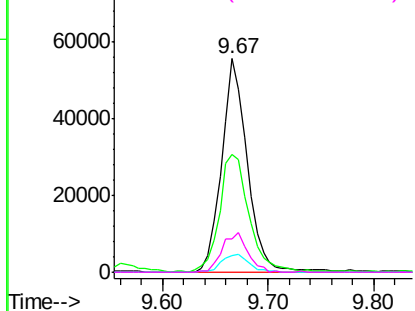
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.874 ng
RT: 9.64 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	84.8	61.6	101.6	
77	40.2	13.9	53.9	
79	35.6	8.8	48.8	

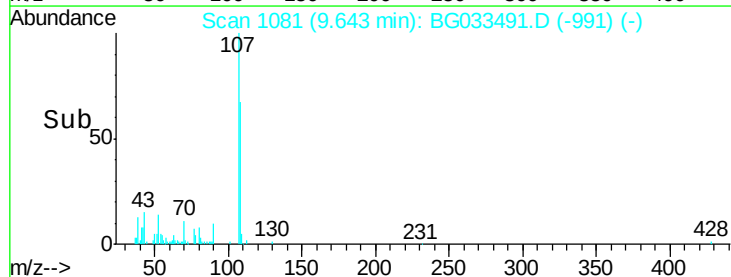
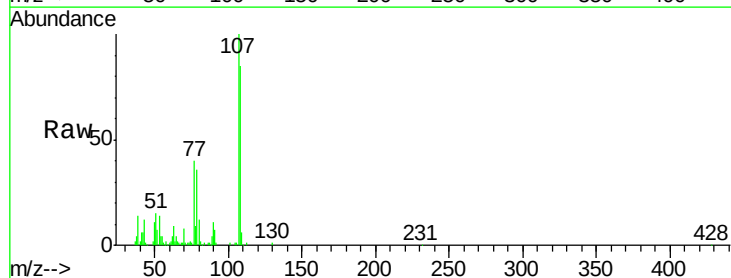
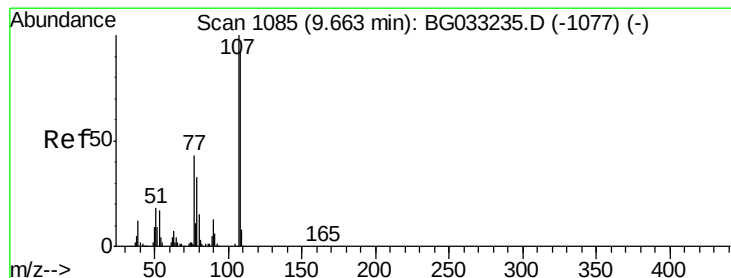
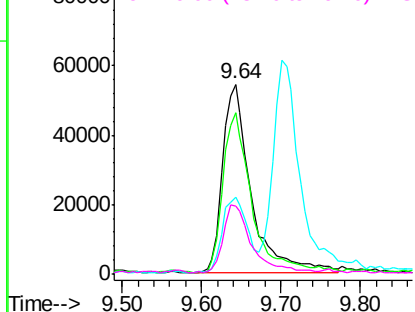
Abundance

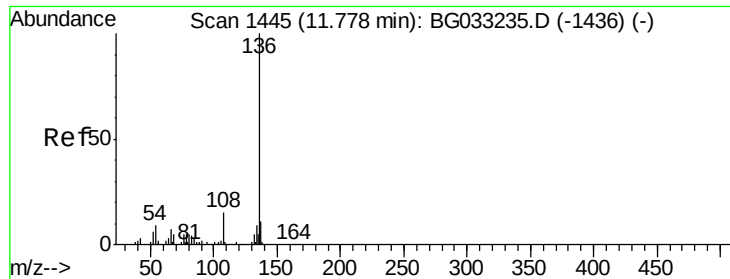
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.75 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

Tot Ion:136 Resp: 173551

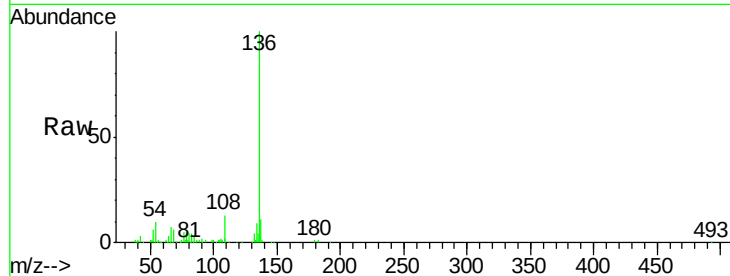
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 9.9 10.3 15.5#

68 5.7 4.5 6.7



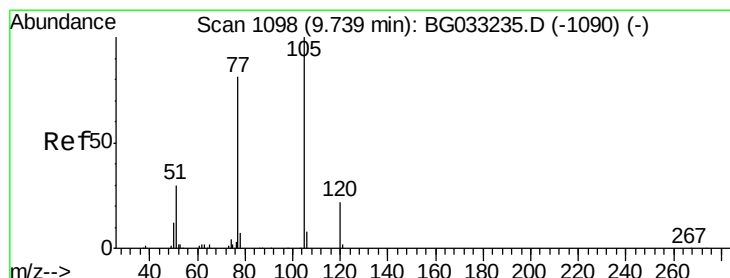
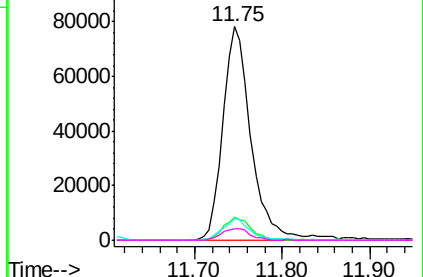
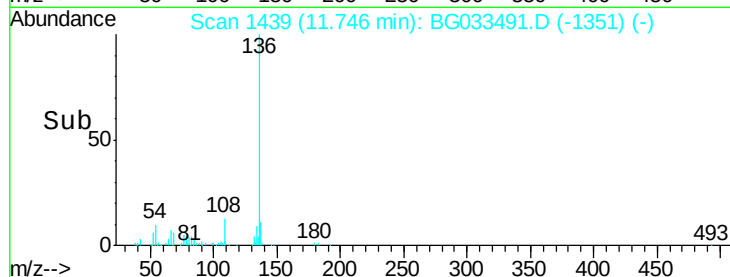
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

Time-->



#22

Acetophenone

Concen: 33.585 ng

RT: 9.70 min Scan# 1091

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Tgt Ion:105 Resp: 159687

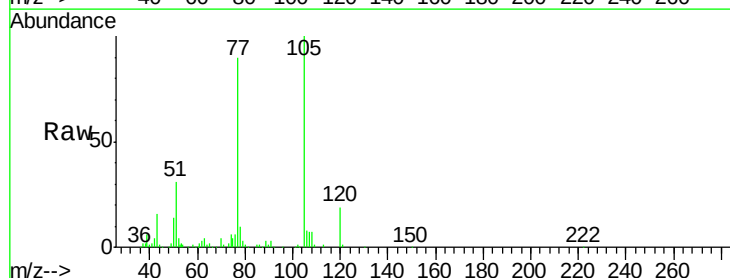
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 31.0 26.1 39.1

120 19.3 17.4 26.2



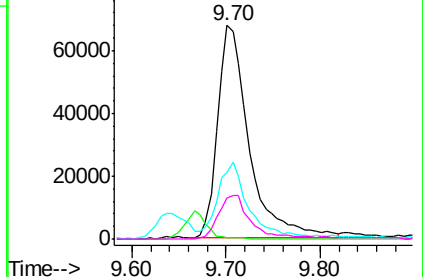
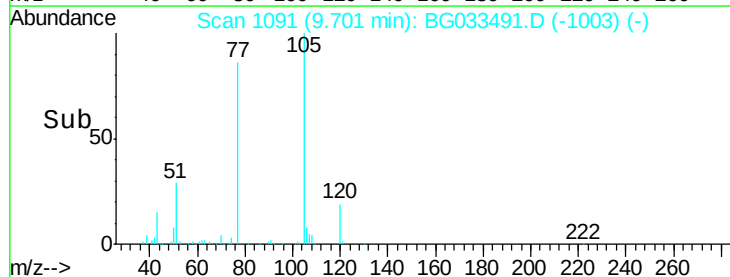
Abundance Ion 105.00 (104.70 to 105.70): E

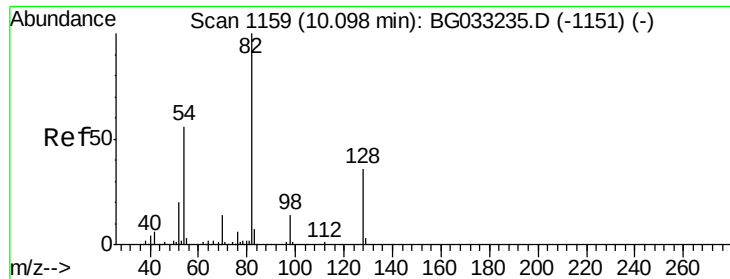
Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

Time-->

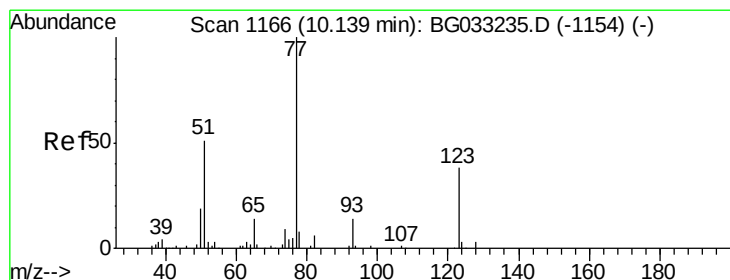
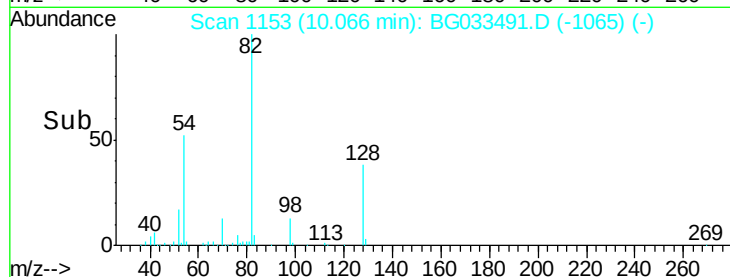
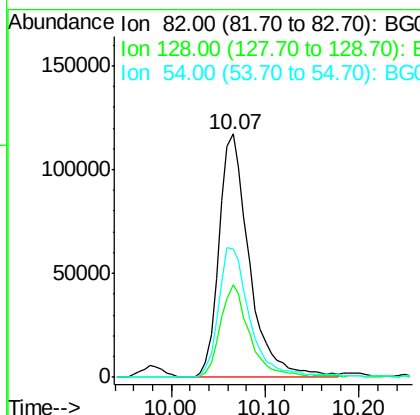
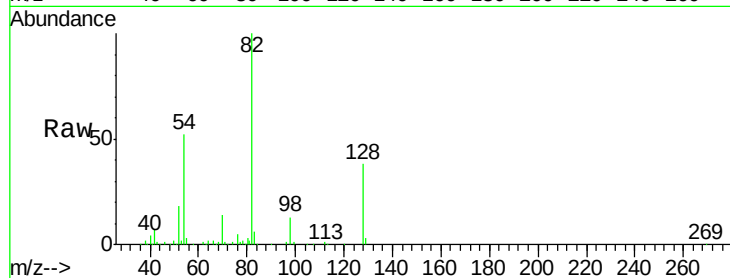




#23
 Nitrobenzene-d5
 Concen: 69.970 ng
 RT: 10.07 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

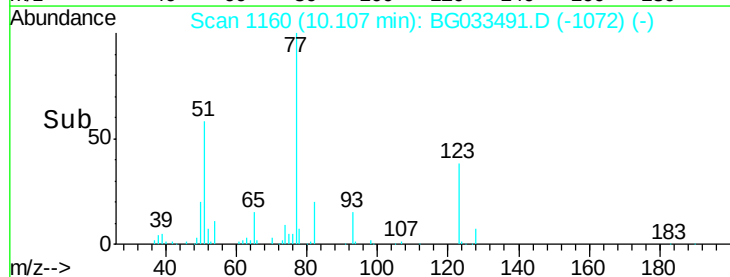
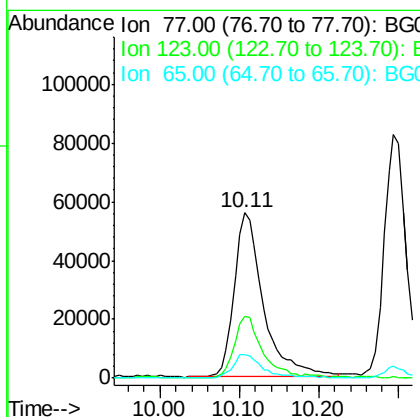
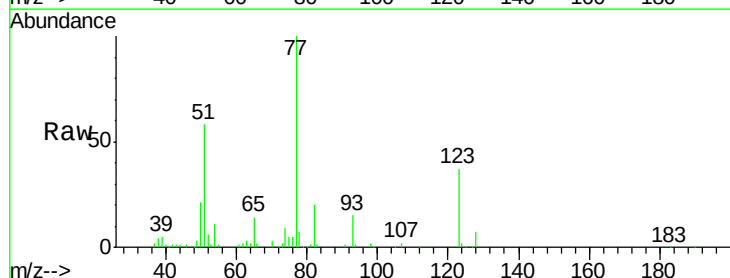
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

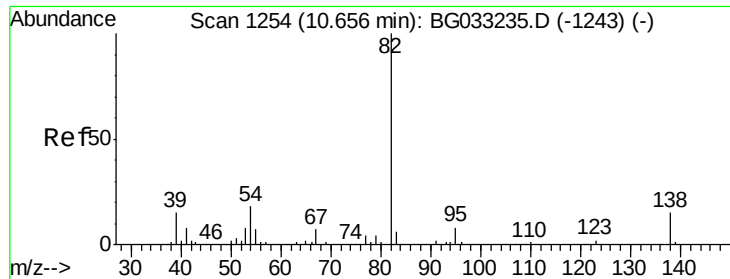
Tot Ion	82	Resp	264309
Ion Ratio	Lower	Upper	
82	100		
128	38.0	29.7	44.5
54	52.5	43.1	64.7



#24
 Nitrobenzene
 Concen: 35.364 ng
 RT: 10.11 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion	77	Resp	142986
Ion Ratio	Lower	Upper	
77	100		
123	37.2	33.0	49.6
65	14.5	13.0	19.6





#25

Isophorone

Concen: 37.177 ng

RT: 10.62 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

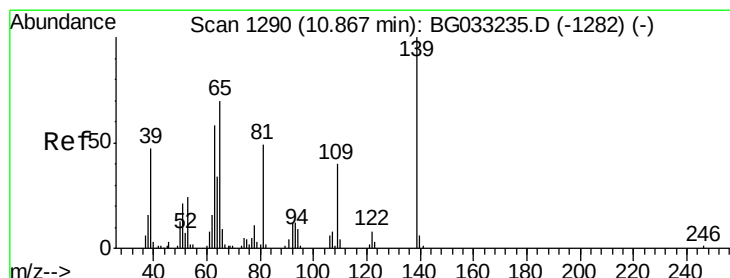
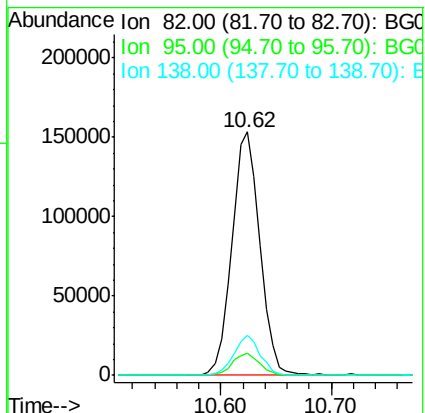
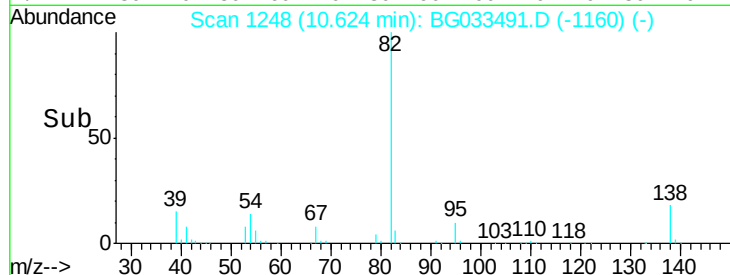
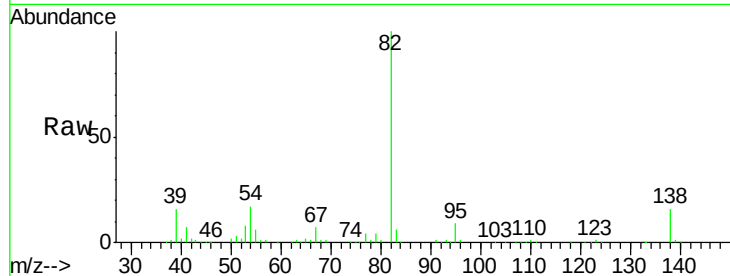
Tot Ion: 82 Resp: 272561

Ion Ratio Lower Upper

82 100

95 9.1 6.2 9.2

138 16.4 12.1 18.1



#26

2-Nitrophenol

Concen: 37.691 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

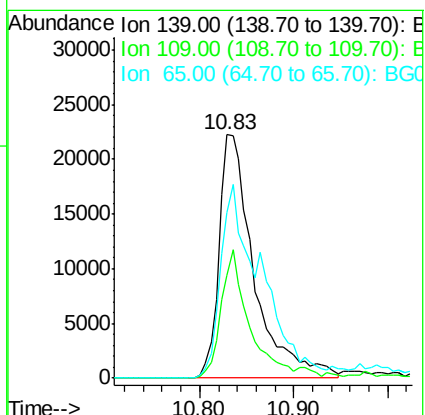
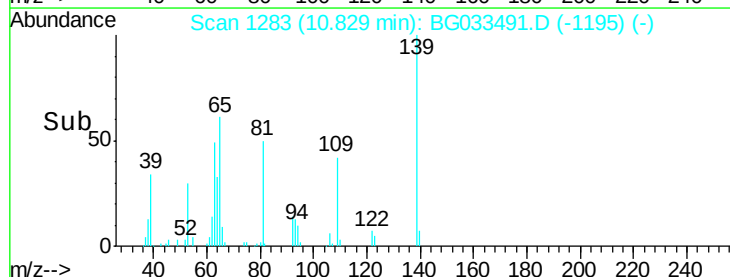
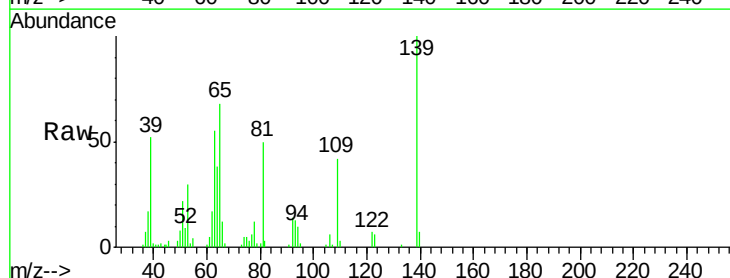
Tgt Ion: 139 Resp: 57696

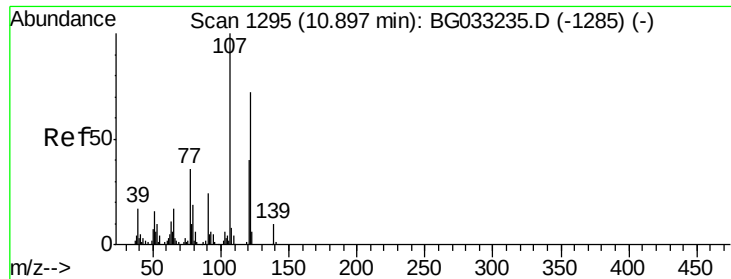
Ion Ratio Lower Upper

139 100

109 42.5 24.2 36.2#

65 68.1 47.4 71.0

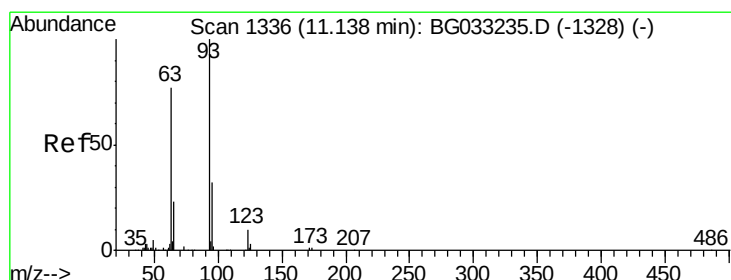
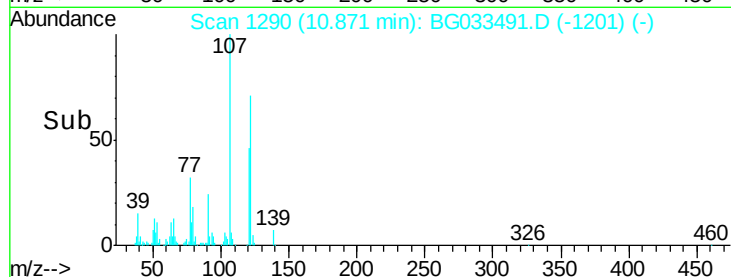
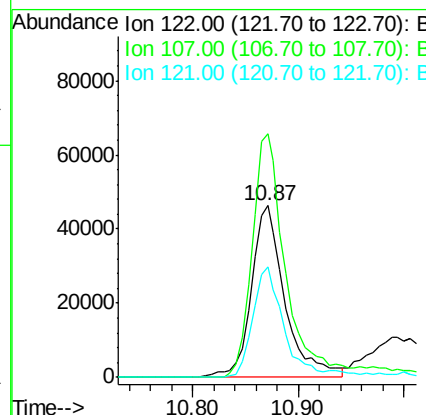
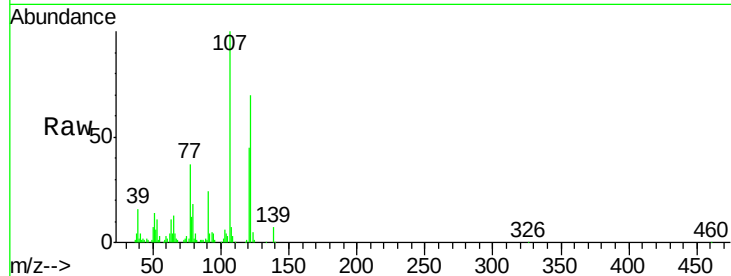




#27
 2,4-Dimethylphenol
 Concen: 46.057 ng
 RT: 10.87 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

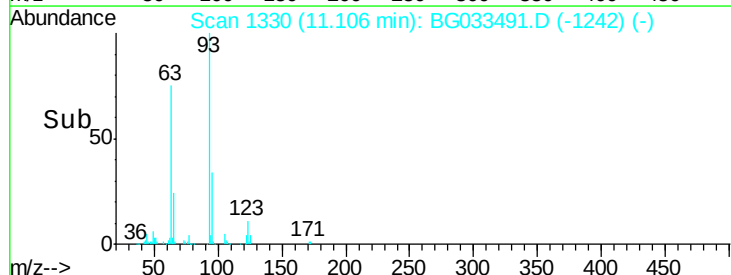
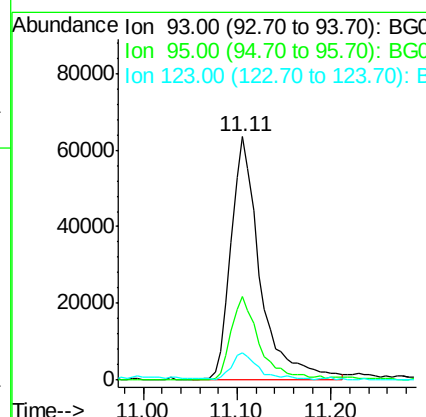
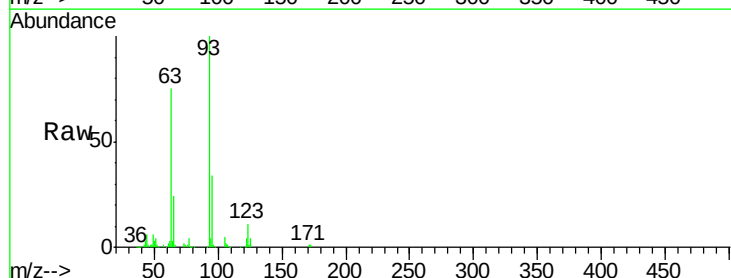
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

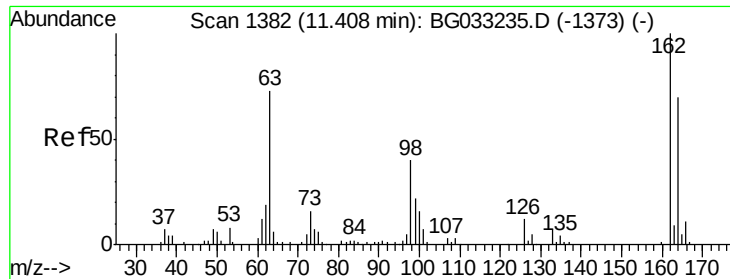
Tot Ion:122 Resp: 102419
 Ion Ratio Lower Upper
 122 100
 107 142.1 100.2 150.2
 121 64.6 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.562 ng
 RT: 11.11 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion: 93 Resp: 137401
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.3 36.5
 123 11.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 41.097 ng

RT: 11.38 min Scan# 1377

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

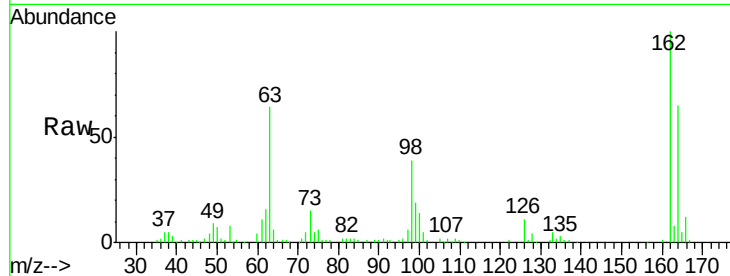
Tot Ion:162 Resp: 112391

Ion Ratio Lower Upper

162 100

164 65.3 48.0 88.0

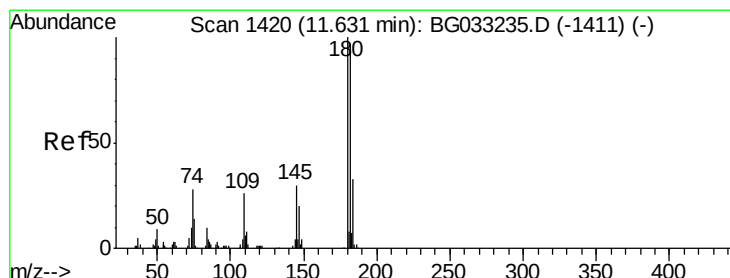
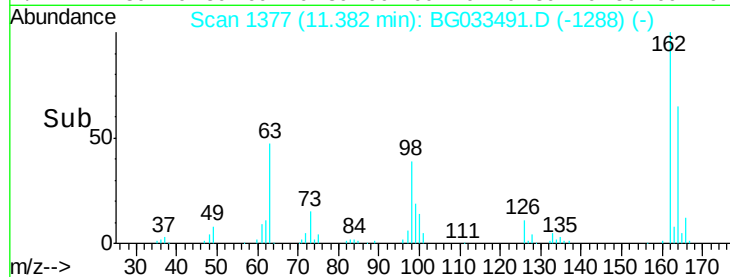
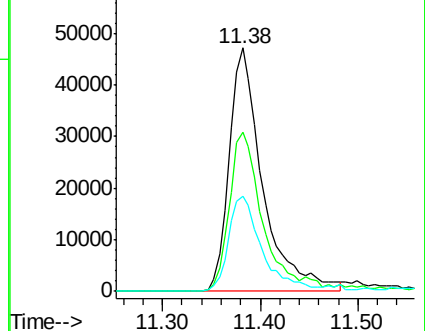
98 39.3 21.1 61.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 32.940 ng

RT: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

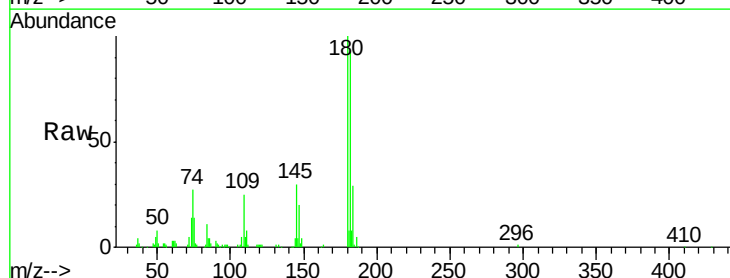
Tgt Ion:180 Resp: 117040

Ion Ratio Lower Upper

180 100

182 93.3 77.5 116.3

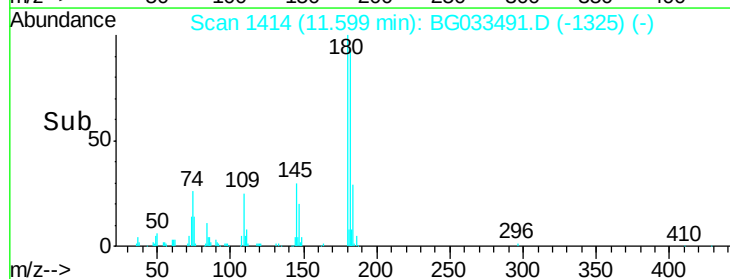
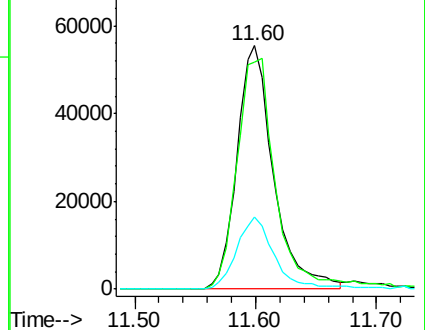
145 29.6 23.4 35.2

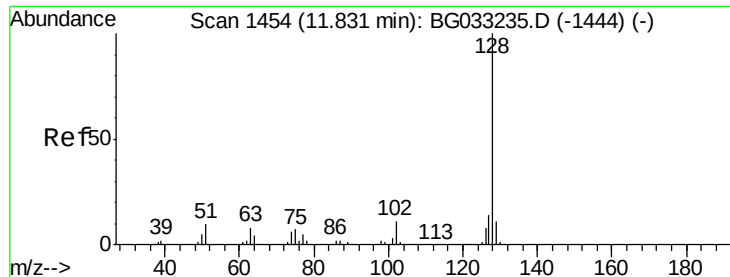


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.194 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

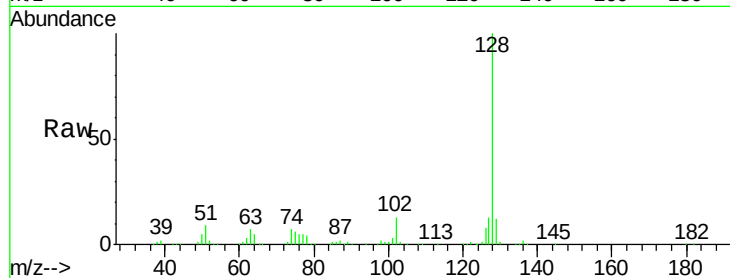
BNA_G

ClientSampleId :

PB107874BSD

Tot Ion:128 Resp: 325510

Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.6	12.8
127	12.7	11.6	17.4

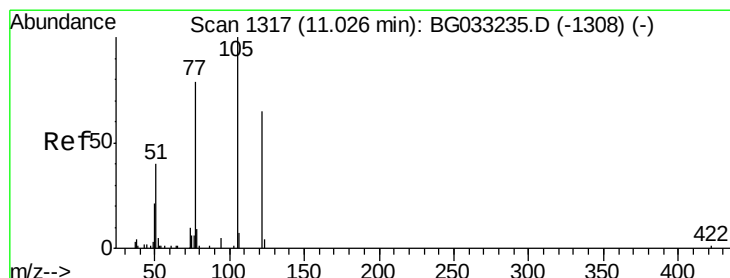
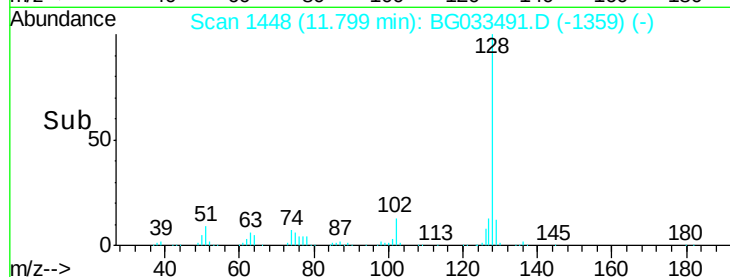
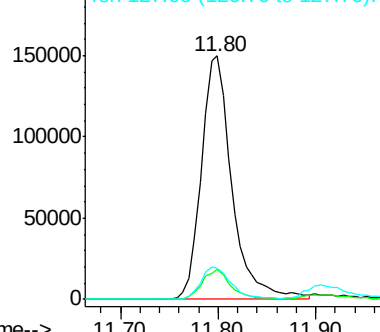


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 22.269 ng

RT: 10.99 min Scan# 1311

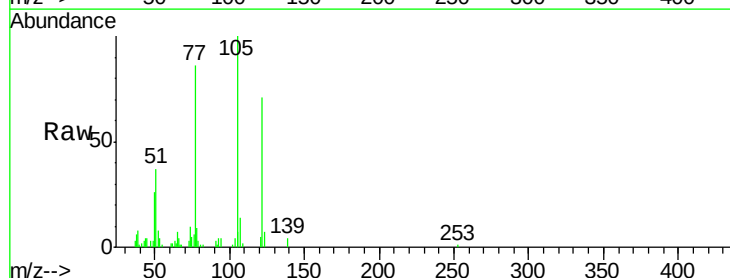
Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Tgt Ion:122 Resp: 46035

Ion	Ratio	Lower	Upper
122	100		
105	140.1	123.5	163.5
77	121.0	85.7	125.7

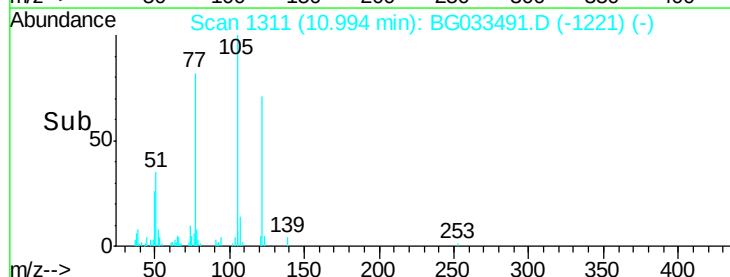
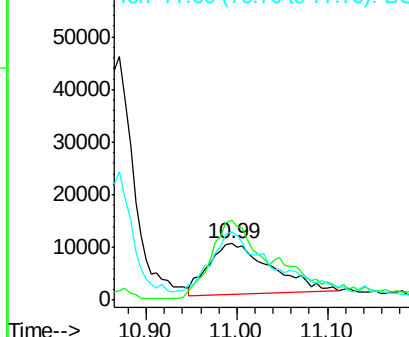


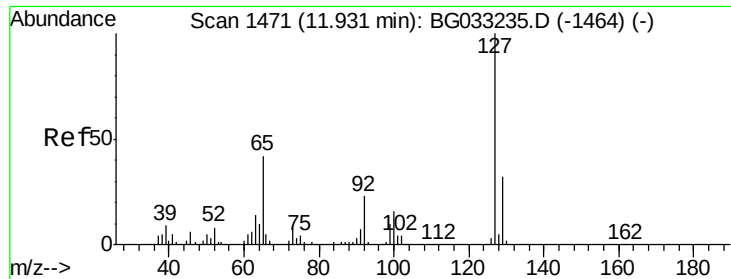
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

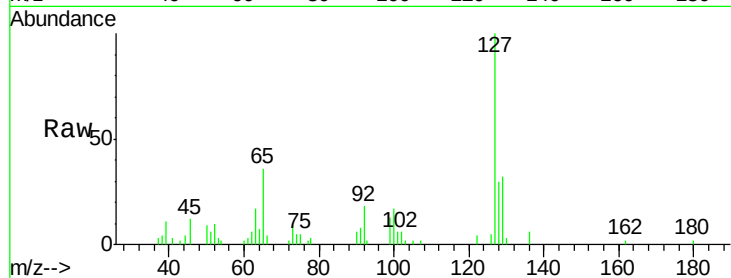




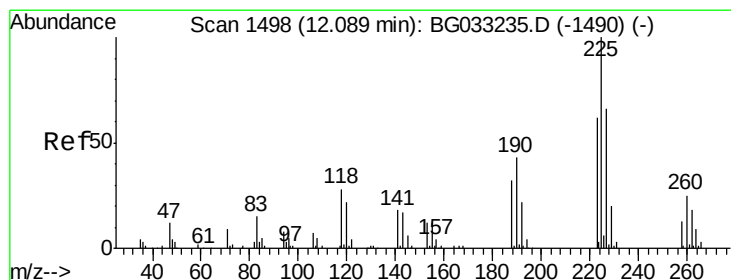
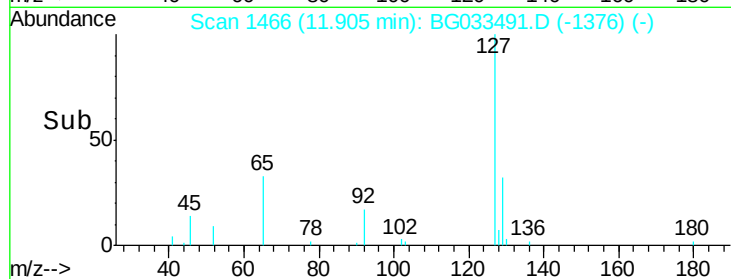
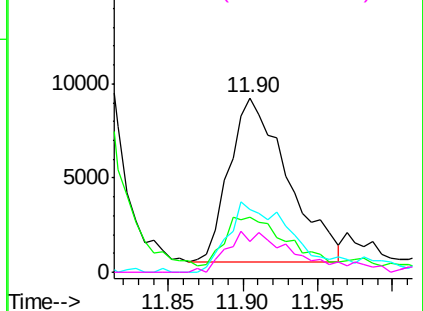
#33
4-Chloroaniline
Concen: 5.840 ng
RT: 11.90 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB107874BSD

Tot Ion:127	Resp:	23531
Ion	Ratio	Lower Upper
127	100	
129	31.6	24.0 36.0
65	36.4	27.0 40.4
92	17.6	16.6 25.0

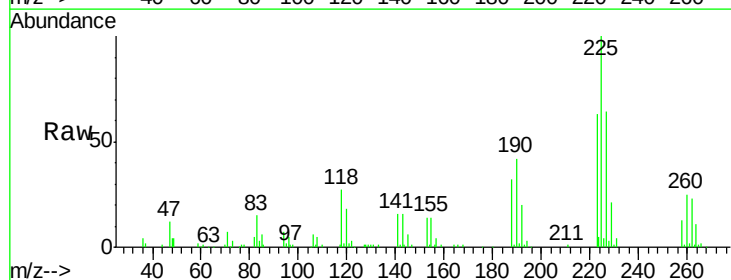


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

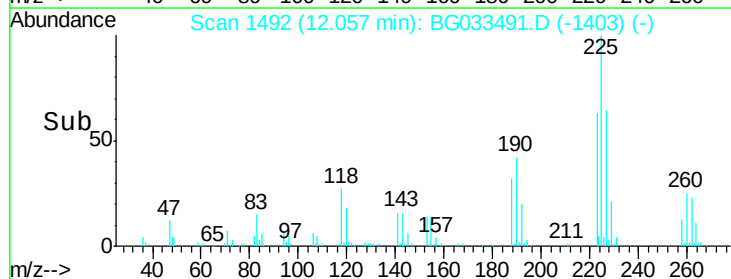
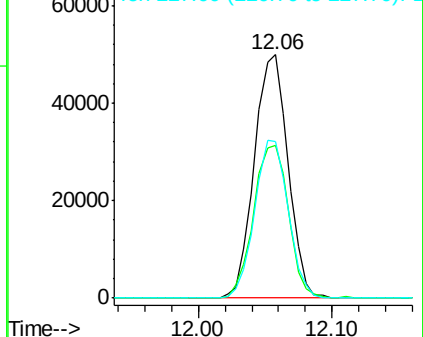


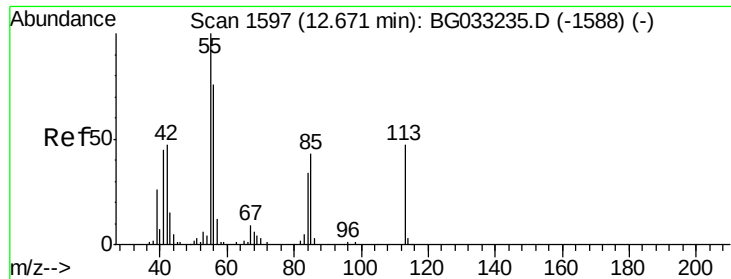
#34
Hexachlorobutadiene
Concen: 32.283 ng
RT: 12.06 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:225	Resp:	86742
Ion	Ratio	Lower Upper
225	100	
223	60.5	49.7 74.5
227	64.4	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: 39.165 ng

RT: 12.64 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

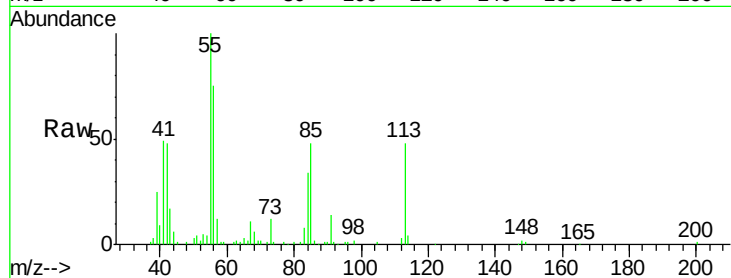
Tot Ion:113 Resp: 41960

Ion Ratio Lower Upper

113 100

55 207.6 186.9 226.9

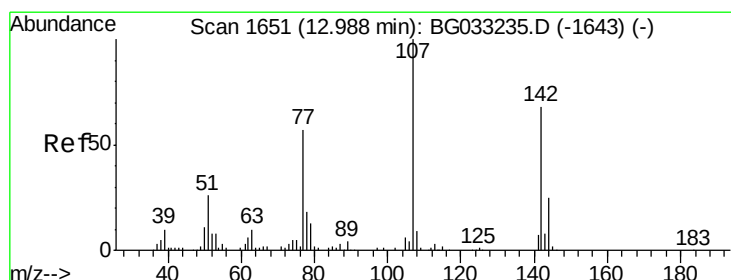
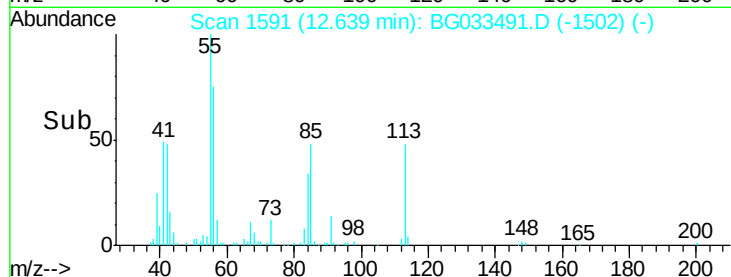
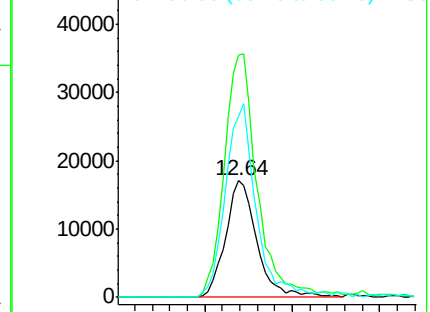
56 155.4 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 40.522 ng

RT: 12.96 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

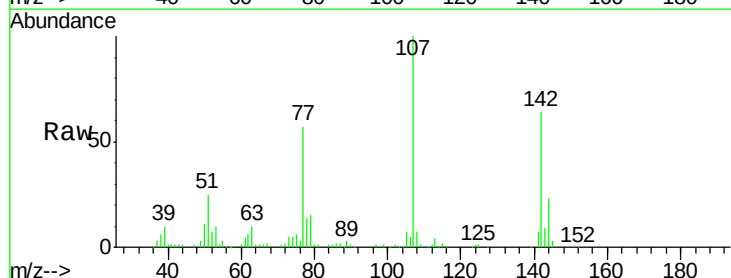
Tgt Ion:107 Resp: 144533

Ion Ratio Lower Upper

107 100

144 22.6 18.2 27.4

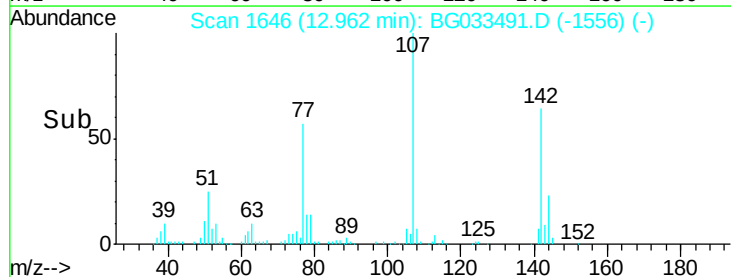
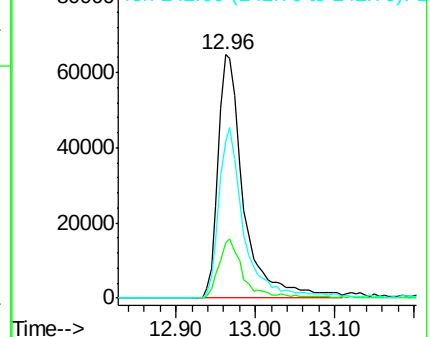
142 64.1 59.0 88.4

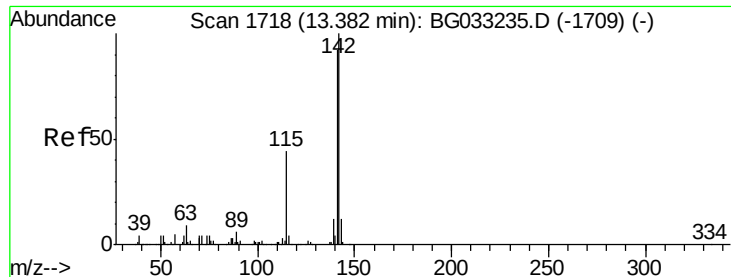


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

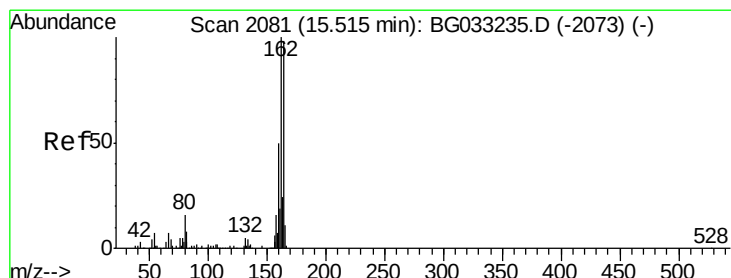
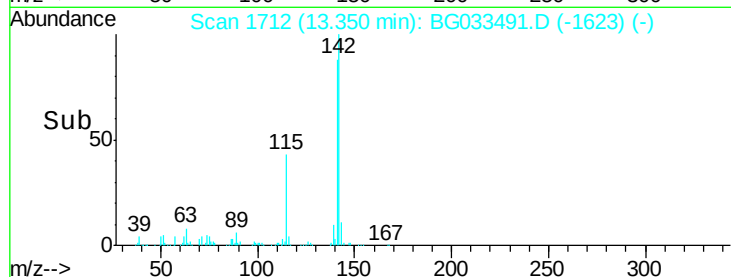
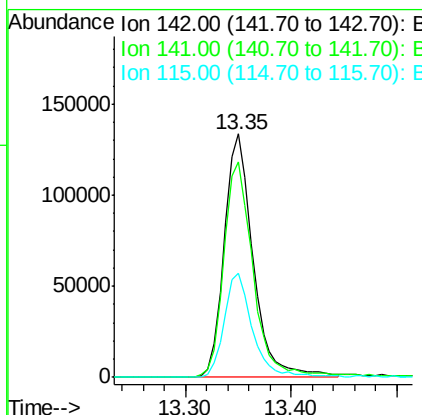
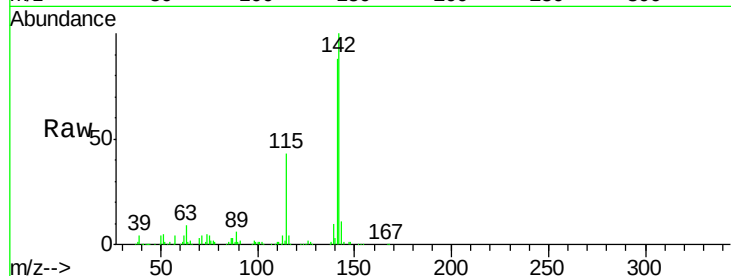




#37
2-Methylnaphthalene
Concen: 36.301 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

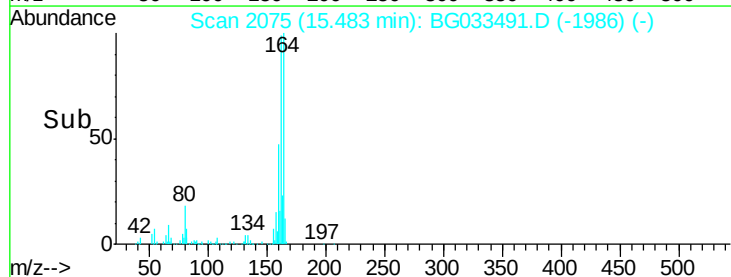
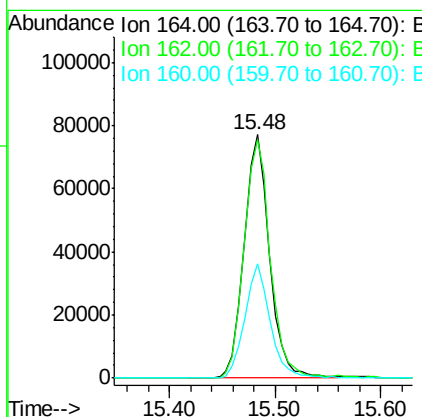
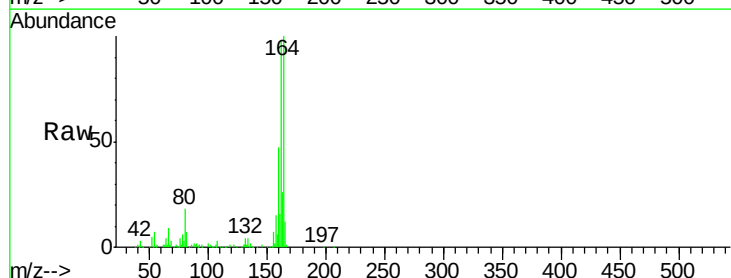
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

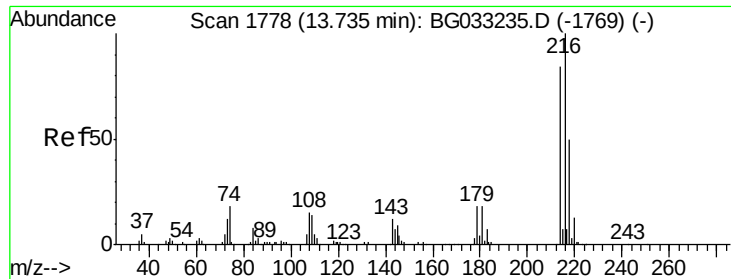
Tot Ion:142 Resp: 253400
Ion Ratio Lower Upper
142 100
141 88.3 67.1 100.7
115 42.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:164 Resp: 129117
Ion Ratio Lower Upper
164 100
162 98.1 78.8 118.2
160 47.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.656 ng

RT: 13.70 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

Tot Ion:216 Resp: 162085

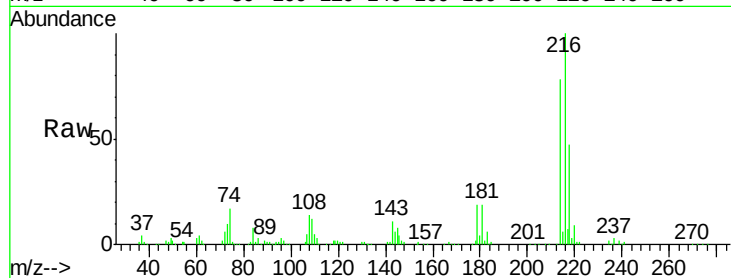
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 20.7 17.0 25.6

108 18.6 12.8 19.2

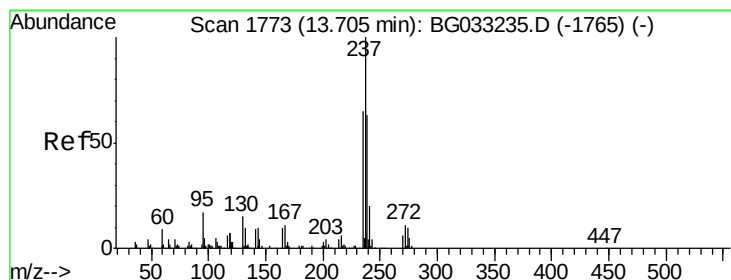
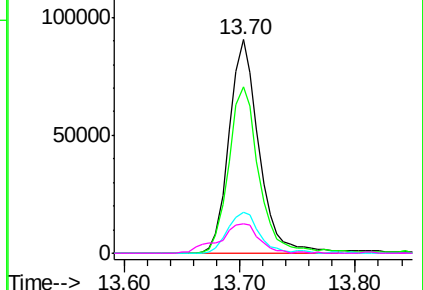
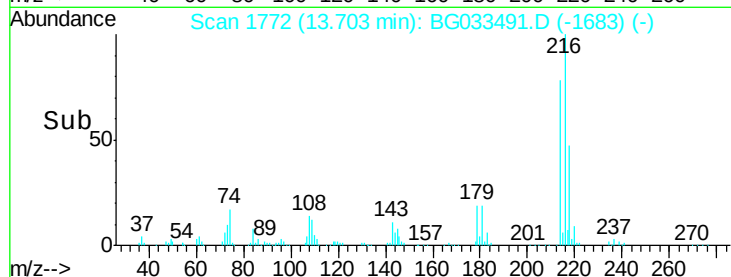


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.261 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

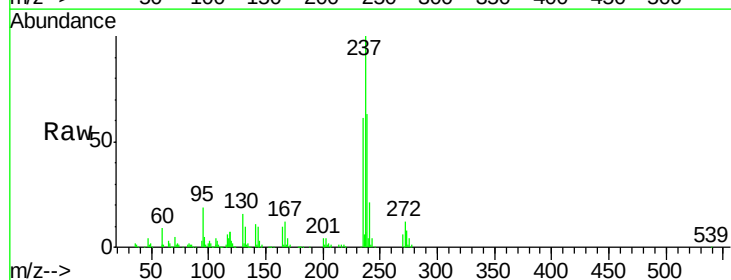
Tgt Ion:237 Resp: 209089

Ion Ratio Lower Upper

237 100

235 61.4 50.4 90.4

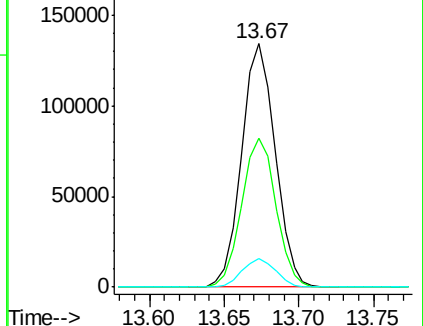
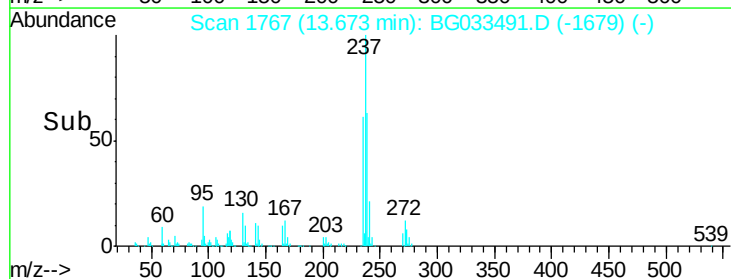
272 11.9 0.0 31.8

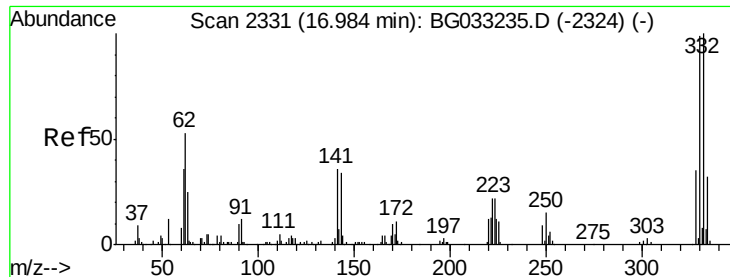


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 106.873 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

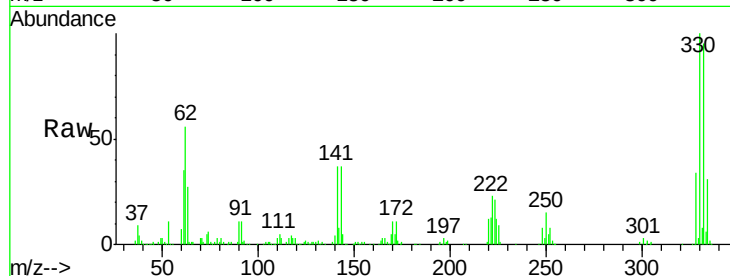
Tot Ion:330 Resp: 206381

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

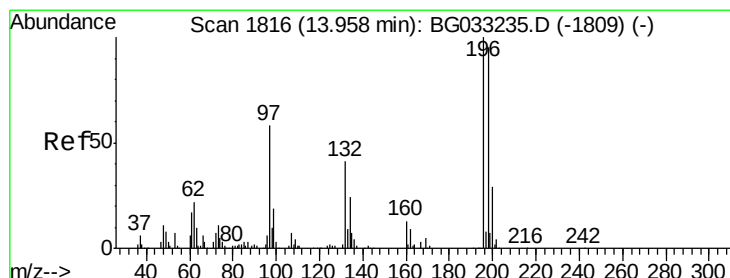
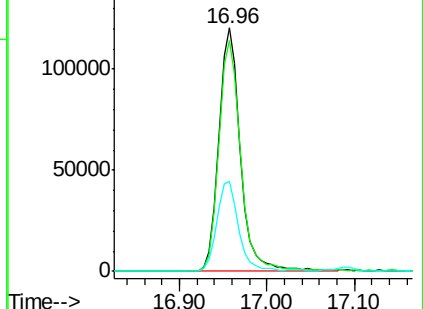
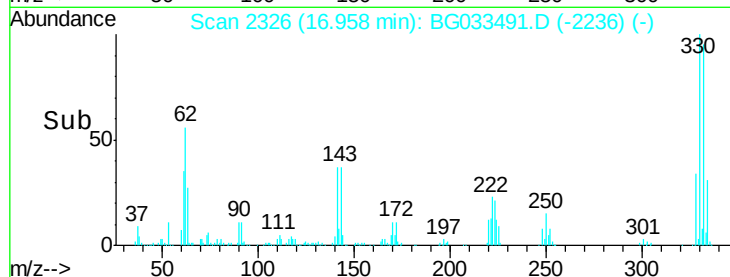
141 37.0 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.270 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

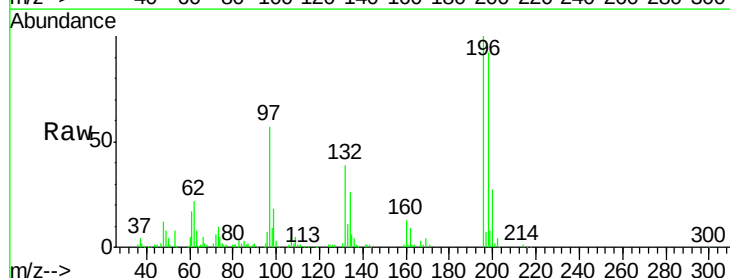
Tgt Ion:196 Resp: 106709

Ion Ratio Lower Upper

196 100

198 92.2 78.2 117.2

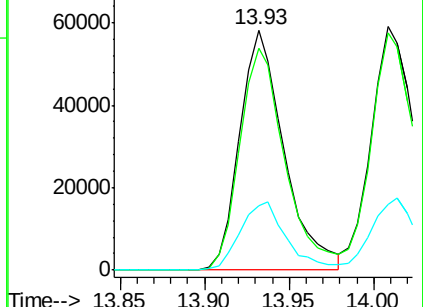
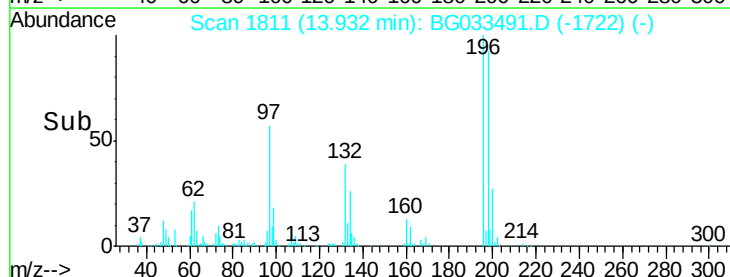
200 26.8 24.6 36.8

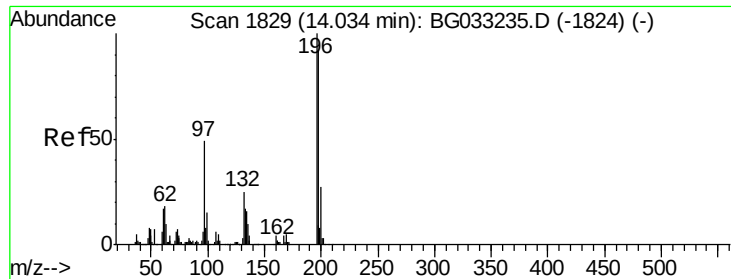


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

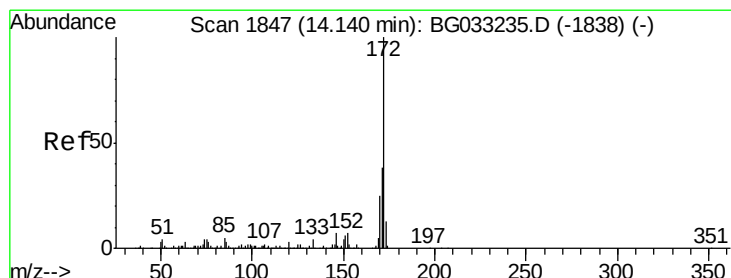
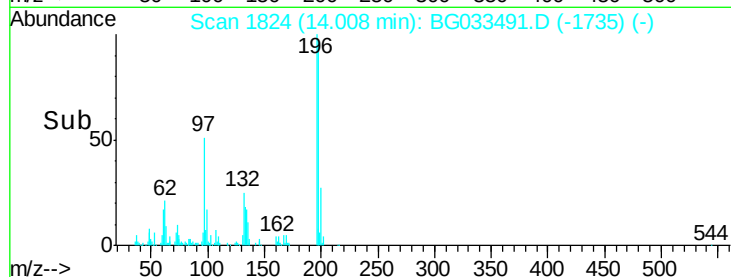
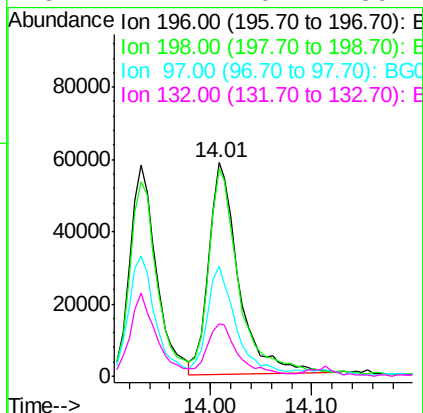
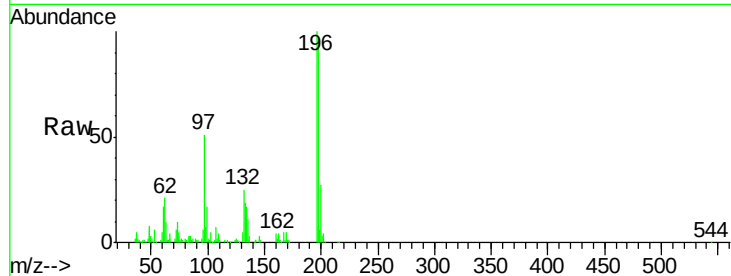




#43
 2,4,5-Trichlorophenol
 Concen: 37.031 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

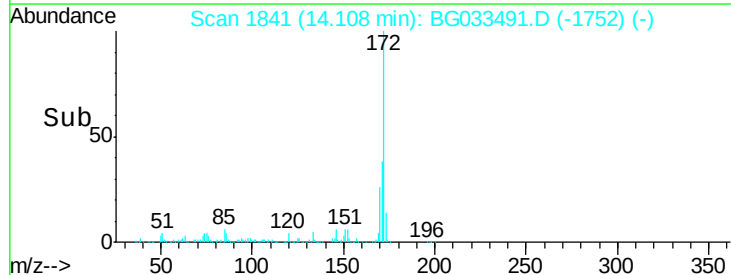
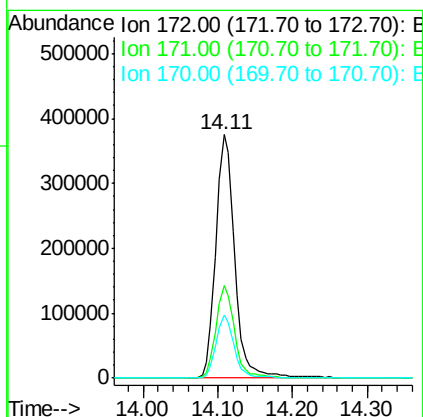
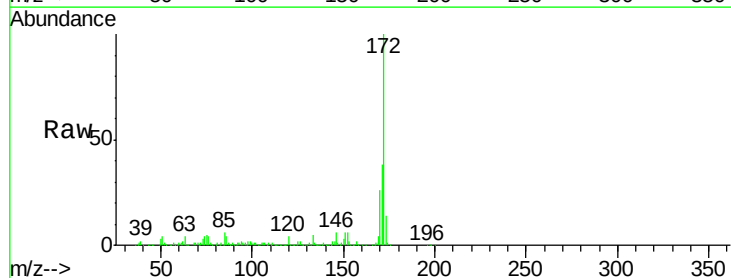
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

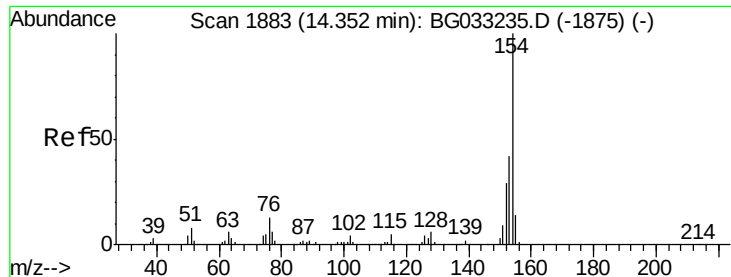
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.2	76.2	114.4
97	51.5	38.7	58.1
132	24.7	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 73.922 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.7	19.5	29.3





#45

1,1'-Biphenyl

Concen: 35.615 ng

RT: 14.33 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

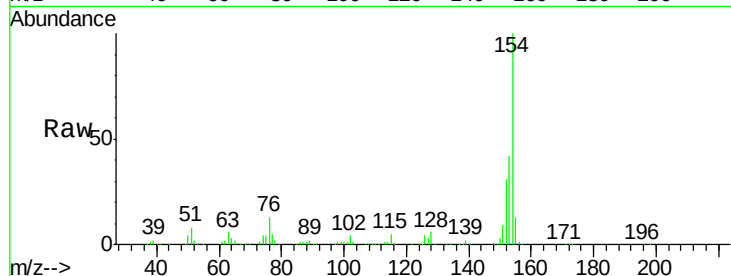
Tot Ion:154 Resp: 353293

Ion Ratio Lower Upper

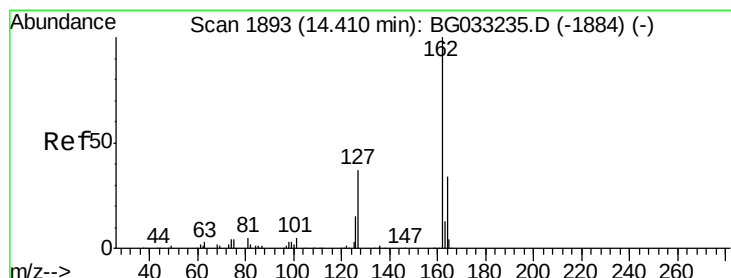
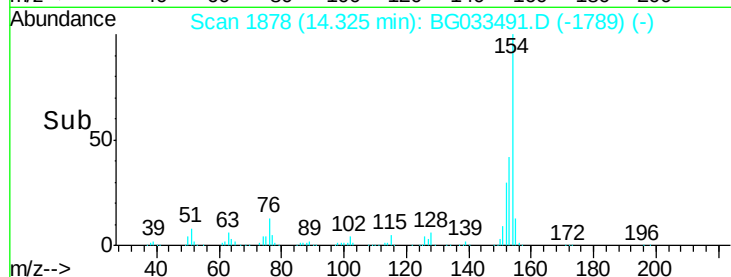
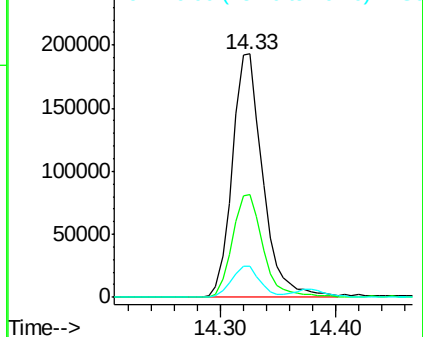
154 100

153 42.0 19.8 59.8

76 12.7 0.0 31.9



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



#46

2-Chloronaphthalene

Concen: 35.490 ng

RT: 14.38 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

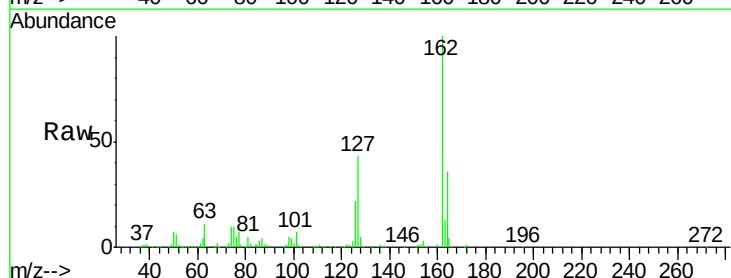
Tgt Ion:162 Resp: 271450

Ion Ratio Lower Upper

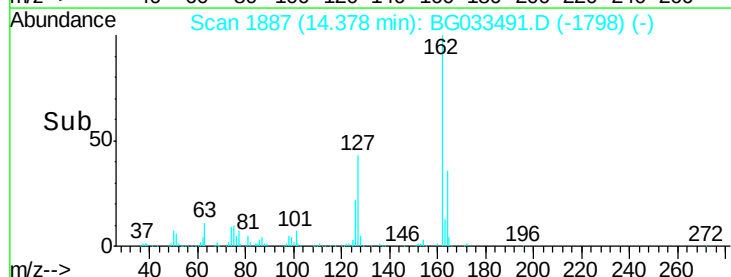
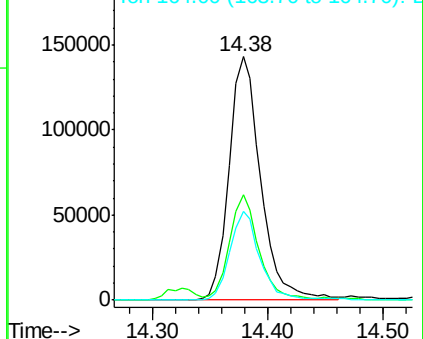
162 100

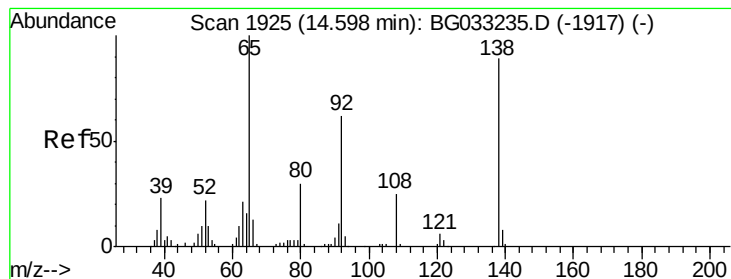
127 43.2 30.7 46.1

164 36.4 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: 38.425 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

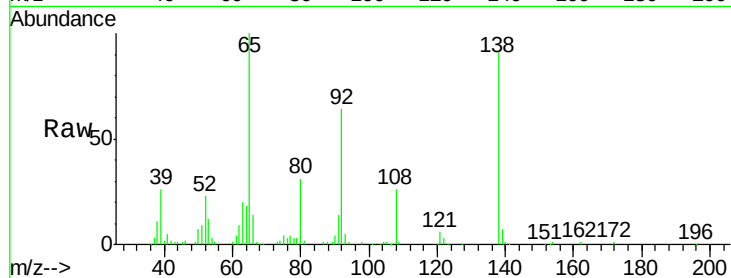
Tot Ion: 65 Resp: 110080

Ion Ratio Lower Upper

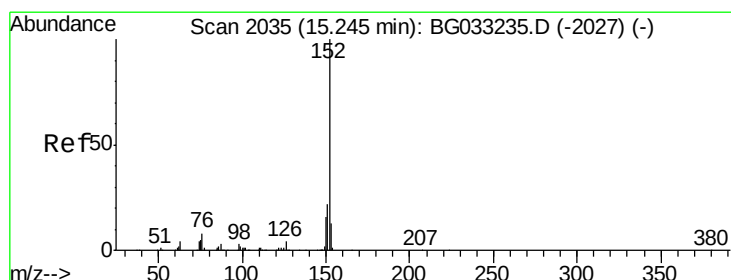
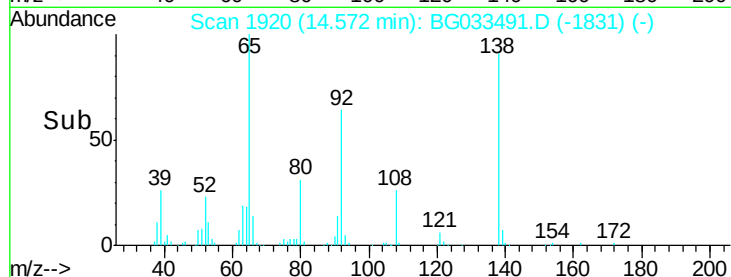
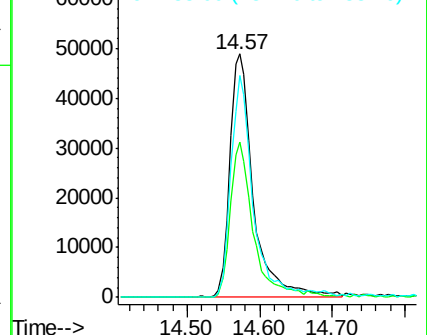
65 100

92 63.9 54.6 82.0

138 91.0 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: 35.412 ng

RT: 15.21 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

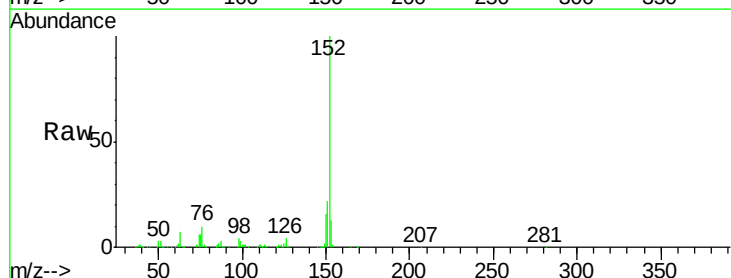
Tgt Ion: 152 Resp: 452105

Ion Ratio Lower Upper

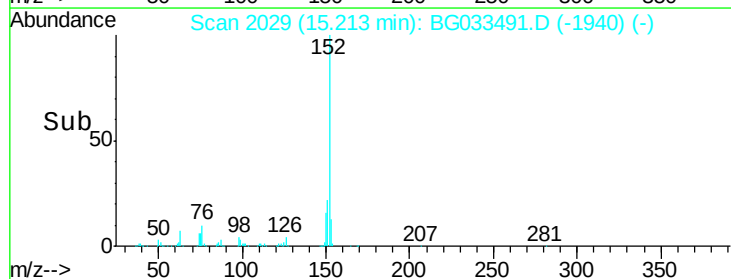
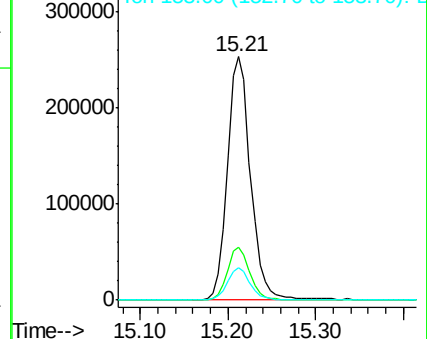
152 100

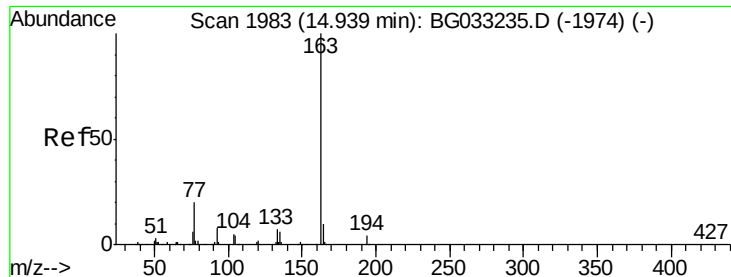
151 21.8 17.2 25.8

153 13.1 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: 35.155 ng

RT: 14.91 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

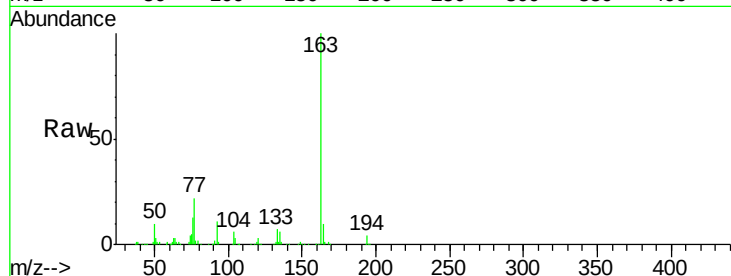
Tot Ion:163 Resp: 395022

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

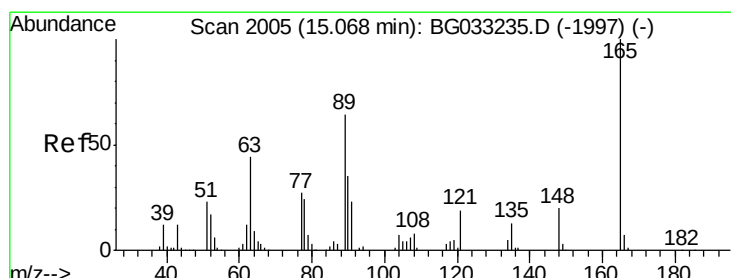
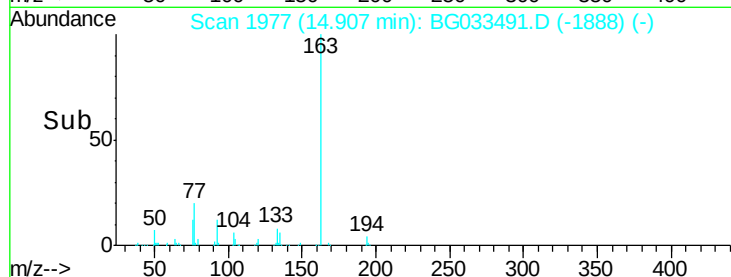
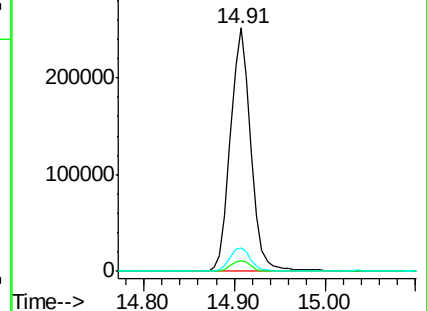
164 9.7 8.2 12.4



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: 36.902 ng

RT: 15.04 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

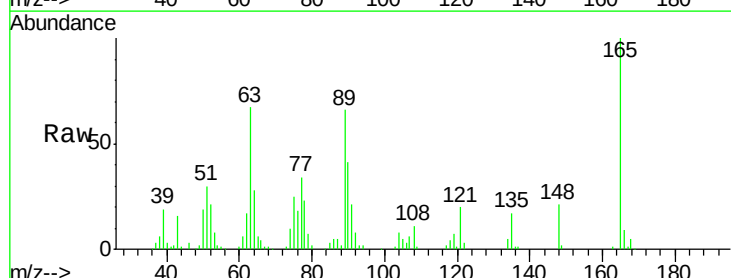
Tgt Ion:165 Resp: 84786

Ion Ratio Lower Upper

165 100

63 66.7 52.7 79.1

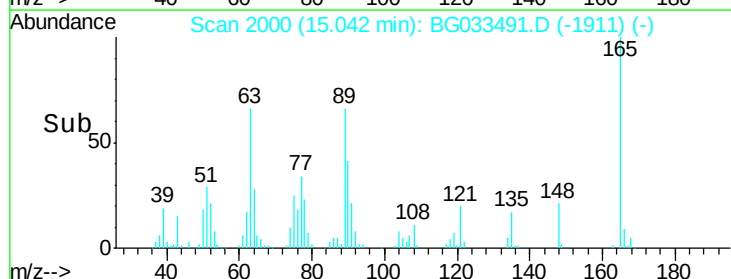
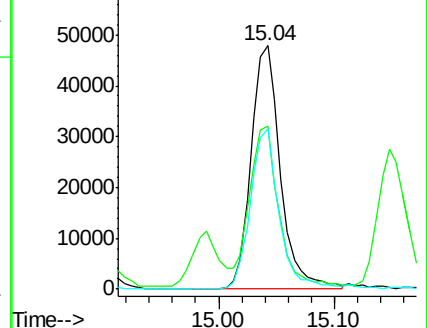
89 66.1 49.2 73.8

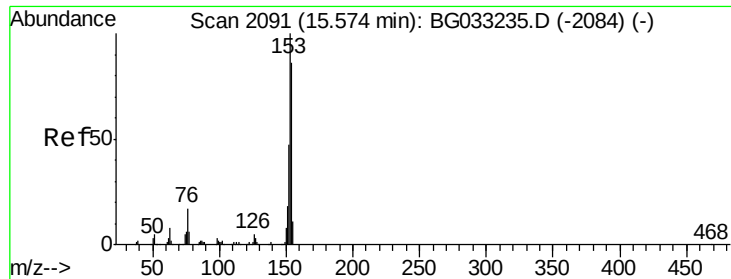


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.143 ng

RT: 15.55 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

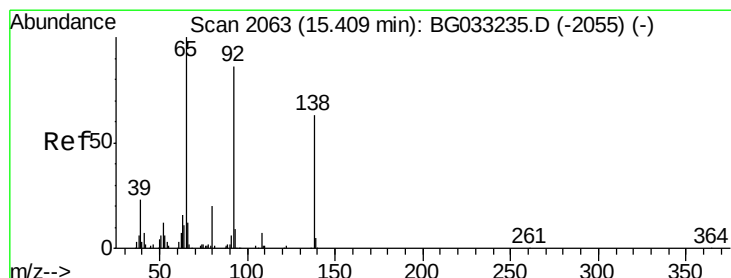
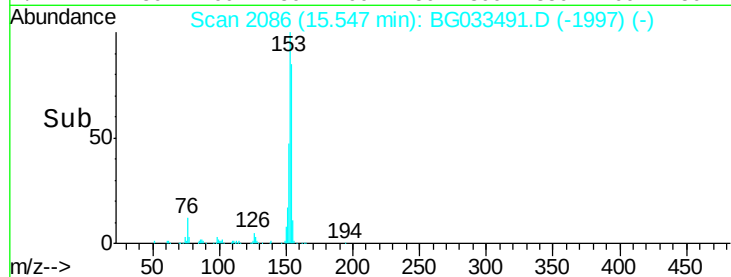
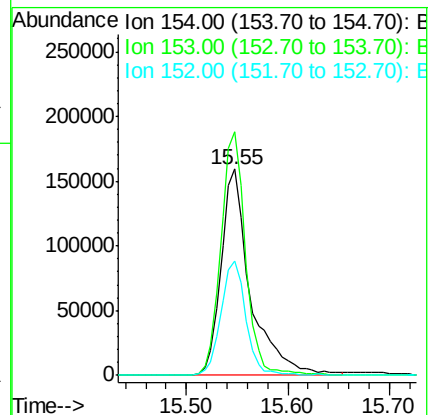
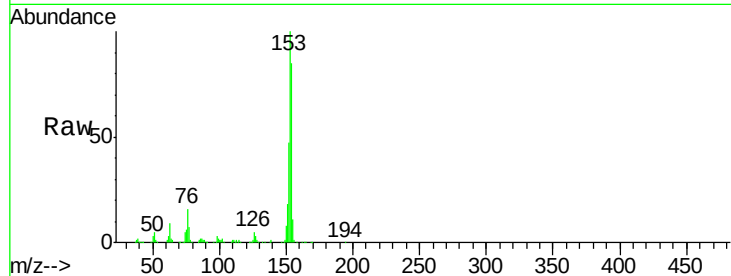
Tot Ion:154 Resp: 322155

Ion Ratio Lower Upper

154 100

153 118.0 90.4 135.6

152 55.6 41.6 62.4



#52

3-Nitroaniline

Concen: 10.465 ng

RT: 15.39 min Scan# 2059

Delta R.T. 0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

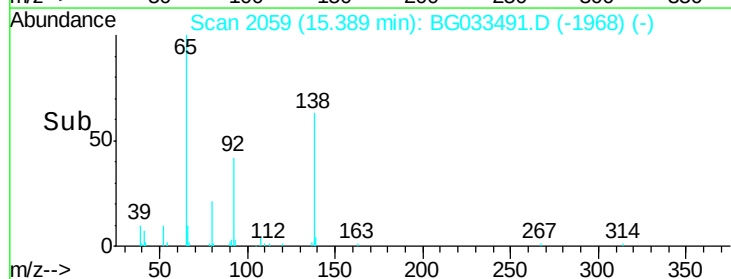
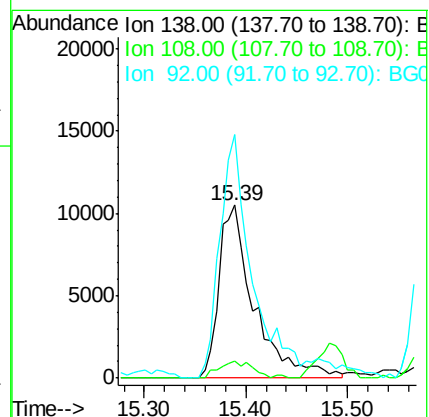
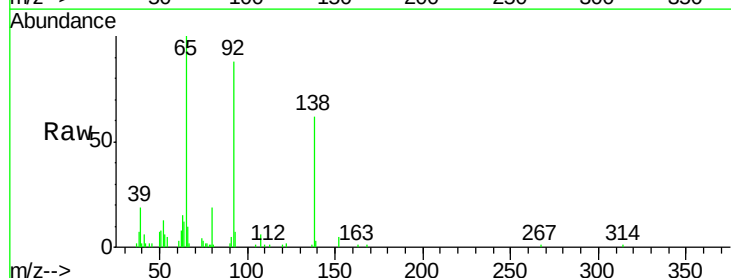
Tgt Ion:138 Resp: 25209

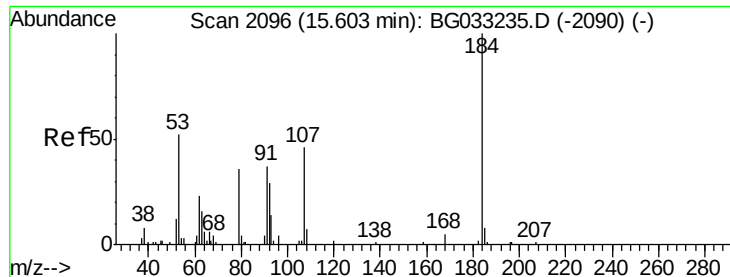
Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

92 140.7 105.8 158.8

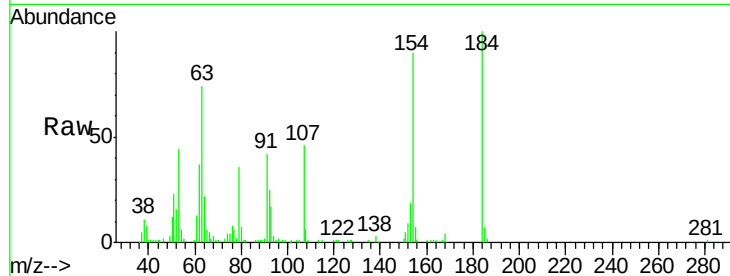




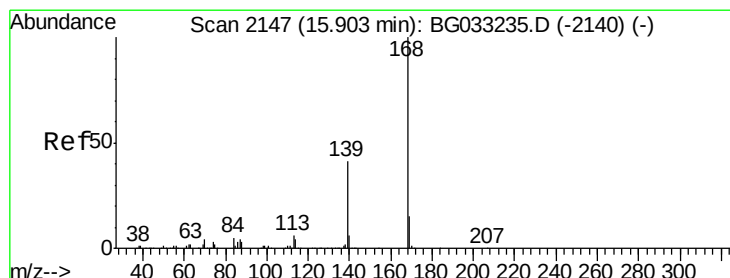
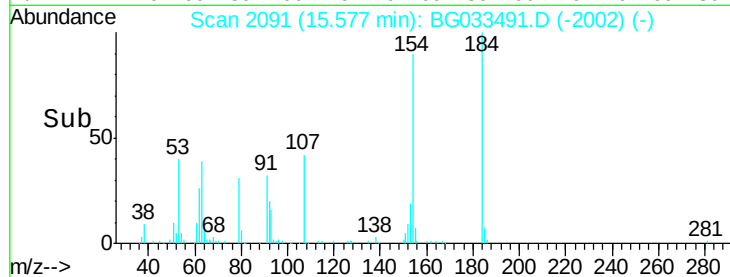
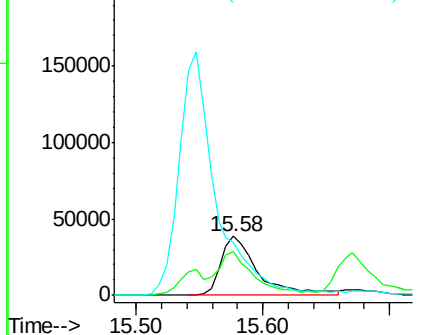
#53
2,4-Dinitrophenol
Concen: 67.628 ng
RT: 15.58 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Instrument :
BNA_G
ClientSampleId :
PB107874BSD

Tot Ion:184 Resp: 78911
Ion Ratio Lower Upper
184 100
63 73.6 59.8 89.8
154 89.9 101.8 152.8#

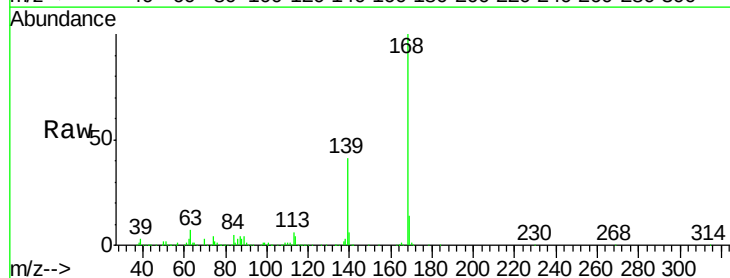


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

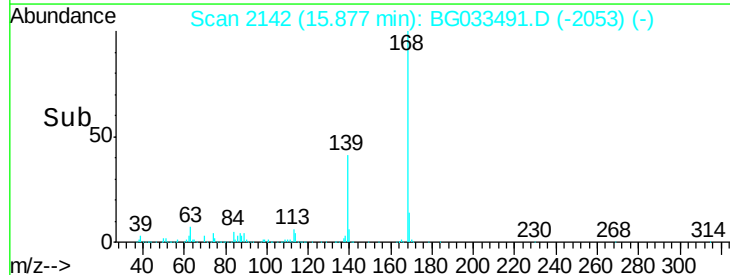
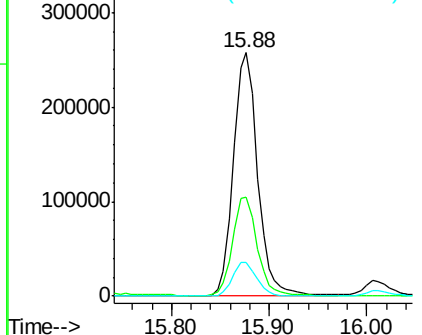


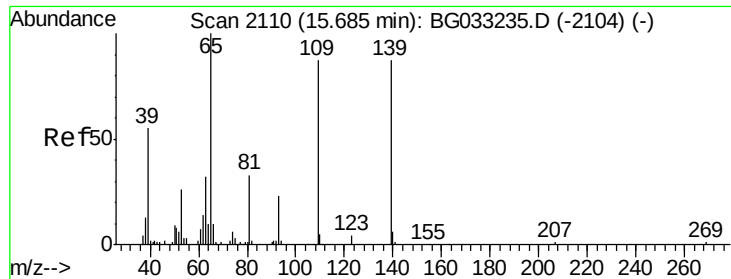
#54
Dibenzofuran
Concen: 36.724 ng
RT: 15.88 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:168 Resp: 446449
Ion Ratio Lower Upper
168 100
139 40.7 28.6 43.0
169 14.0 11.2 16.8



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

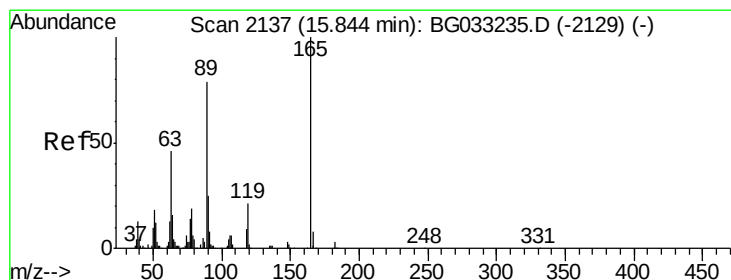
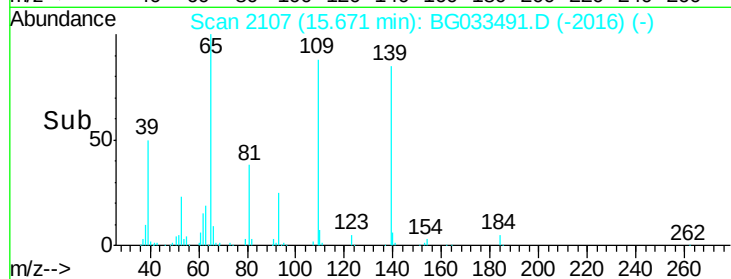
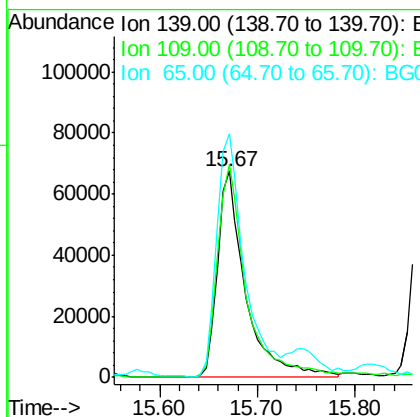
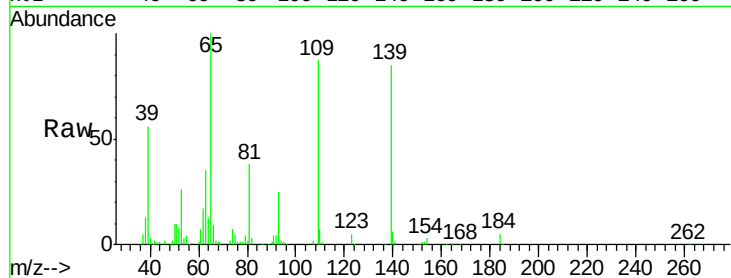




#55
4-Nitrophenol
Concen: 79.589 ng
RT: 15.67 min Scan# 2107
Delta R.T. 0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

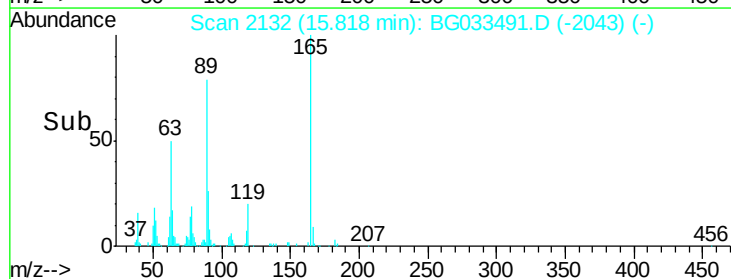
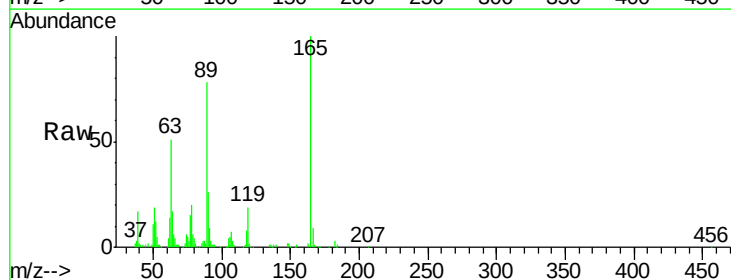
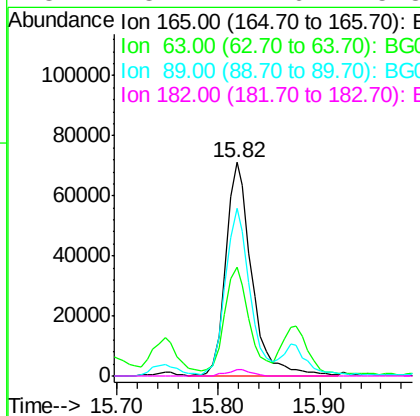
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

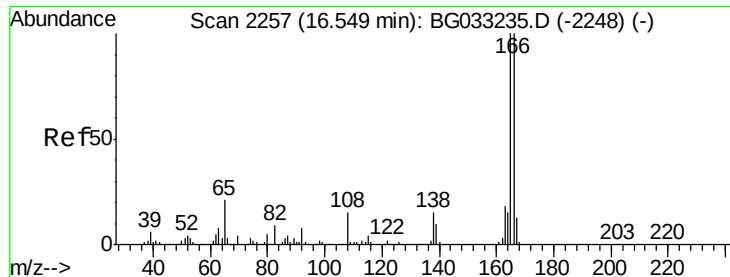
Tot Ion:139 Resp: 134808
Ion Ratio Lower Upper
139 100
109 103.1 62.2 102.2#
65 118.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 36.744 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:165 Resp: 124305
Ion Ratio Lower Upper
165 100
63 50.7 42.0 63.0
89 78.3 66.9 100.3
182 3.2 2.6 3.8





#57

Fluorene

Concen: 36.166 ng

RT: 16.52 min Scan# 2251

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

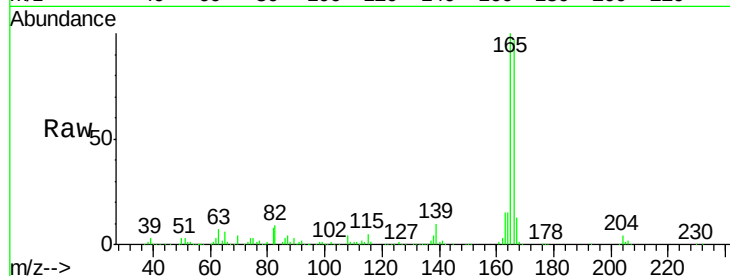
Tot Ion:166 Resp: 374564

Ion Ratio Lower Upper

166 100

165 103.1 80.6 121.0

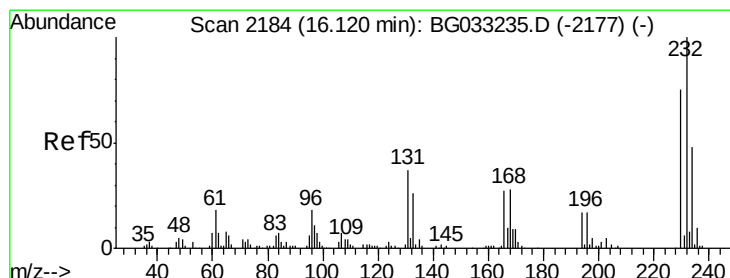
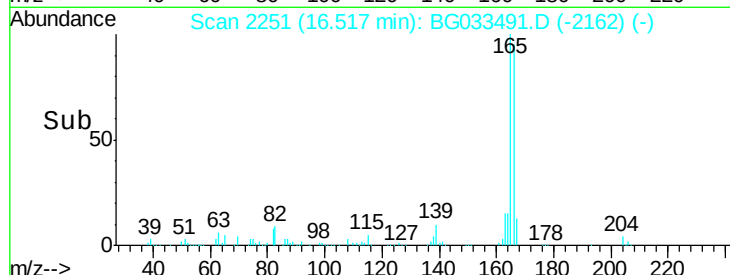
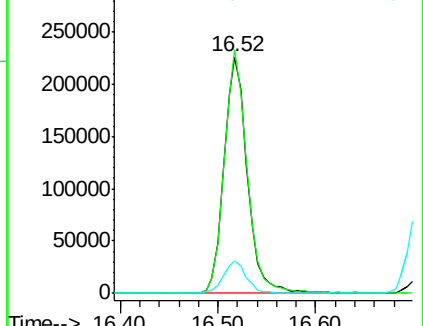
167 13.8 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.786 ng

RT: 16.09 min Scan# 2179

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Tgt Ion:232 Resp: 117279

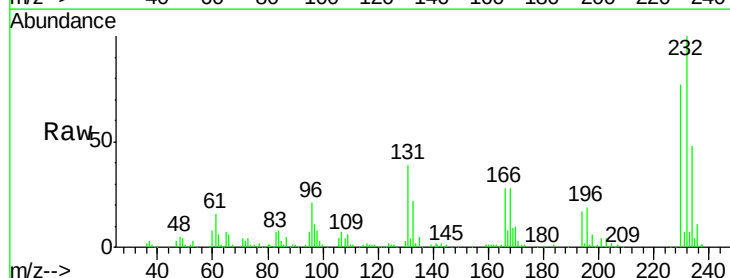
Ion Ratio Lower Upper

232 100

131 41.4 33.5 50.3

130 2.6 2.2 3.2

166 29.1 24.8 37.2

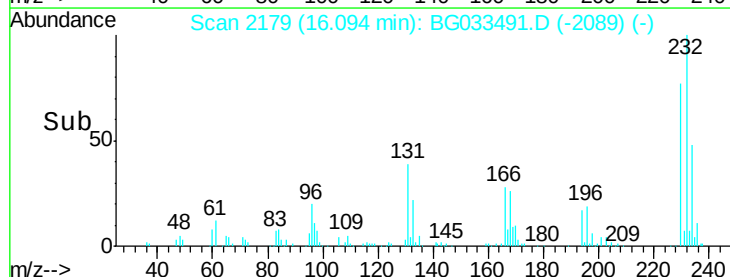
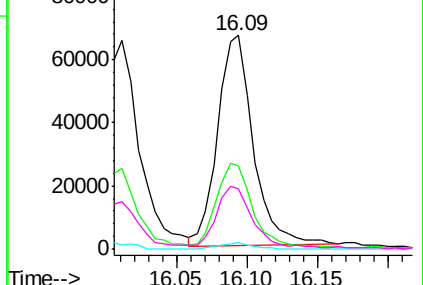


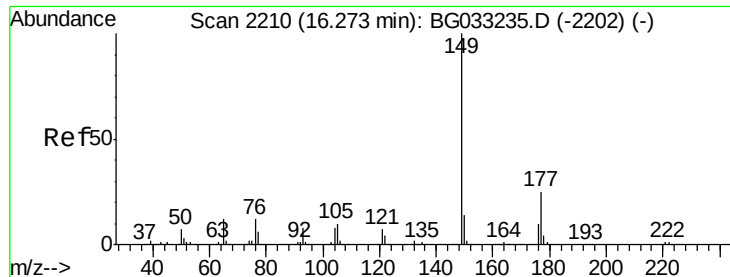
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

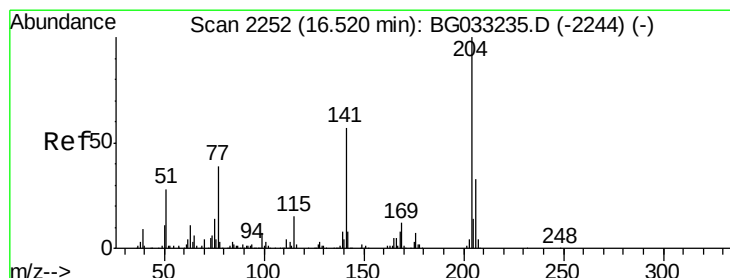
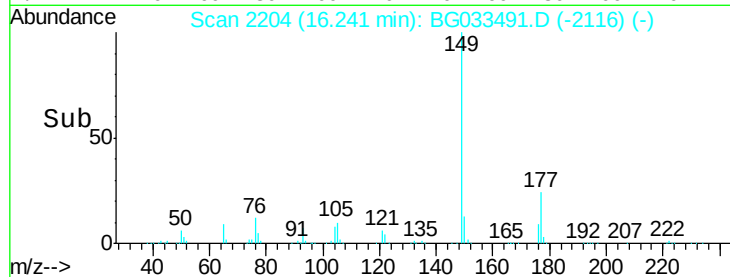
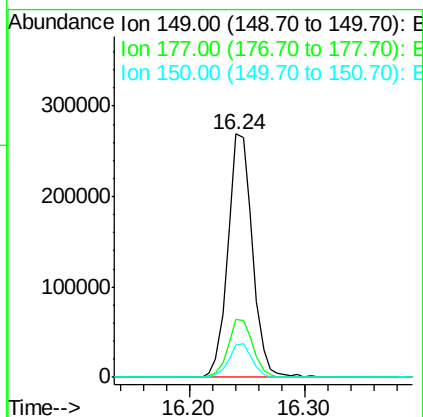
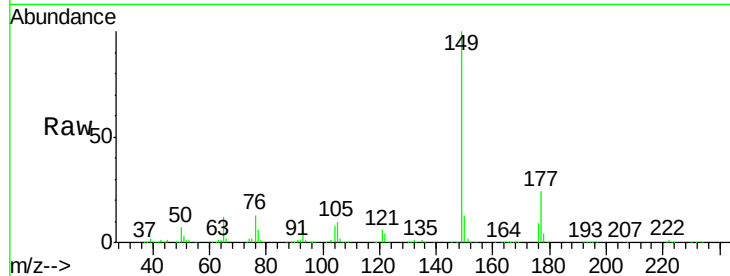




#59
Diethylphthalate
Concen: 36.228 ng
RT: 16.24 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

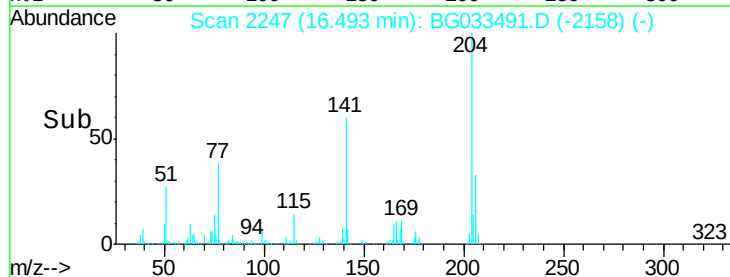
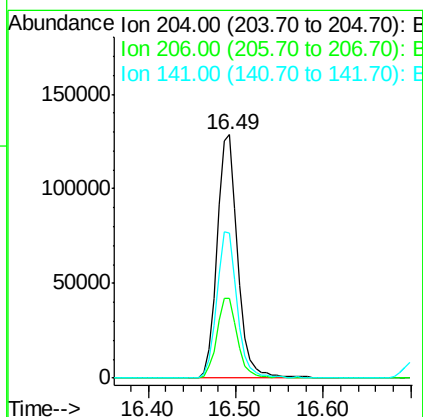
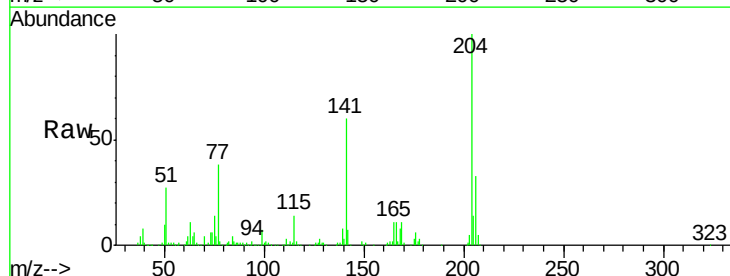
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

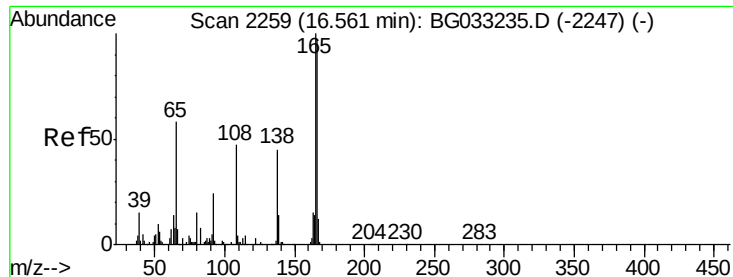
Tot Ion:149 Resp: 395288
Ion Ratio Lower Upper
149 100
177 24.0 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 35.350 ng
RT: 16.49 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:204 Resp: 210456
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 59.5 45.8 68.6





#61

4-Nitroaniline

Concen: 29.405 ng

RT: 16.53 min Scan# 2254

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

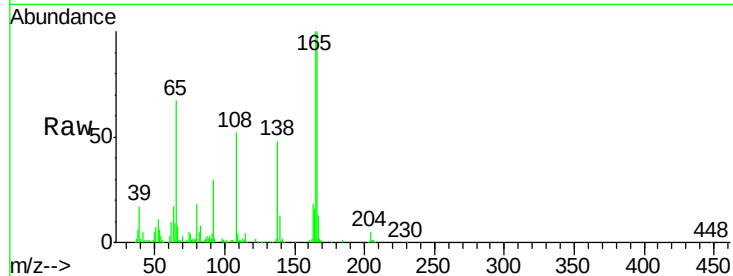
Tot Ion:138 Resp: 71727

Ion Ratio Lower Upper

138 100

92 63.7 40.1 80.1

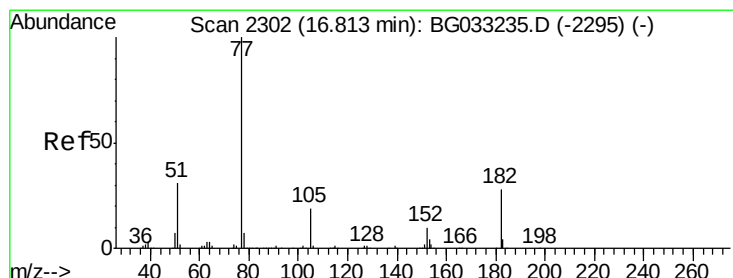
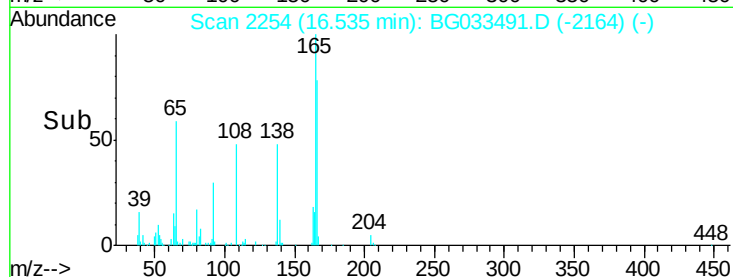
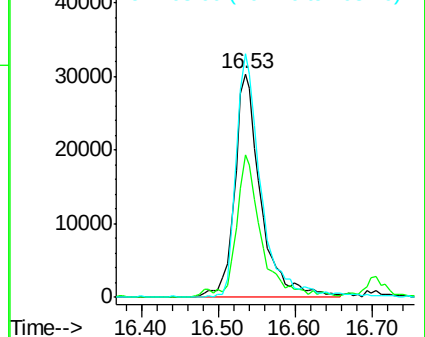
108 108.8 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.269 ng

RT: 16.79 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Tgt Ion: 77 Resp: 393915

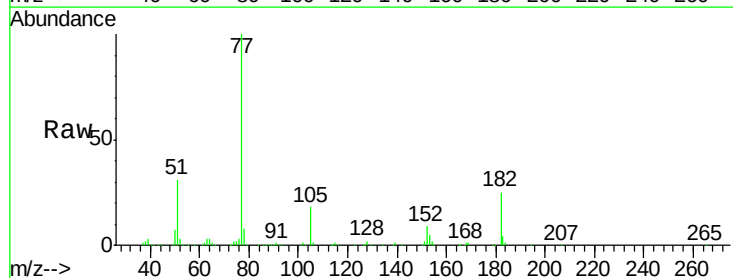
Ion Ratio Lower Upper

77 100

182 25.3 7.4 47.4

105 18.1 0.3 40.3

51 31.5 11.6 51.6

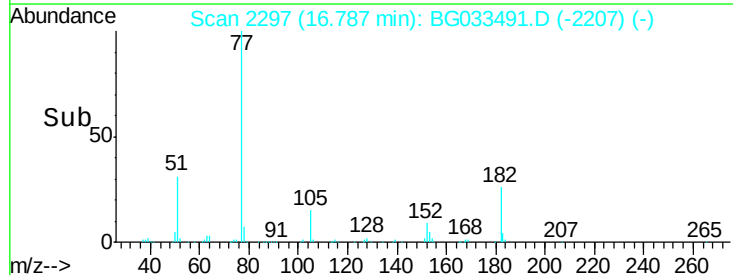
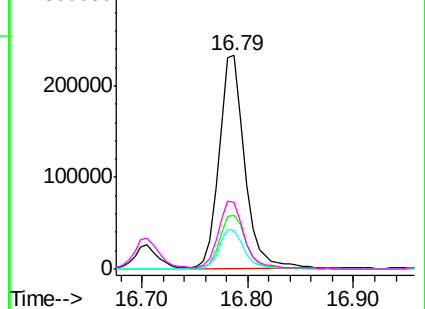


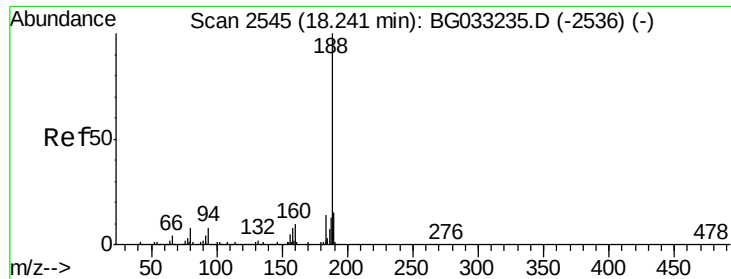
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

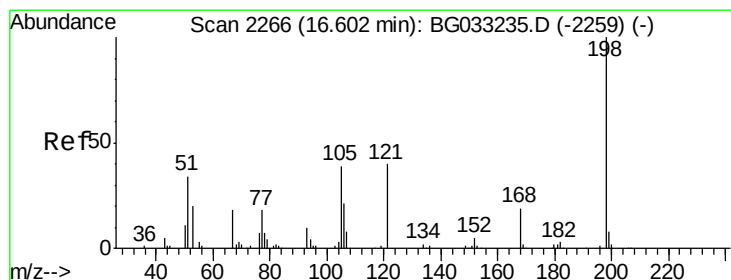
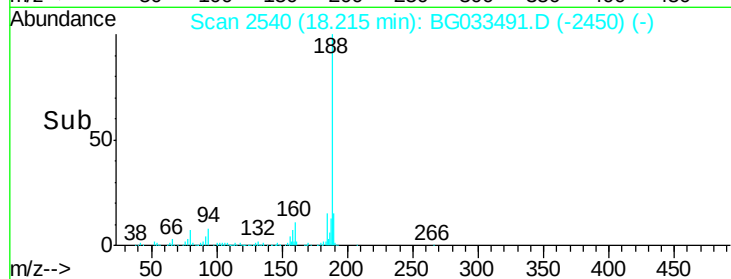
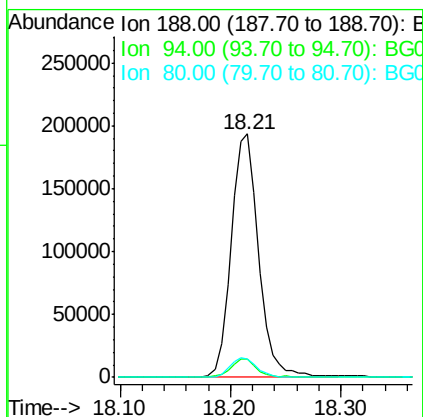
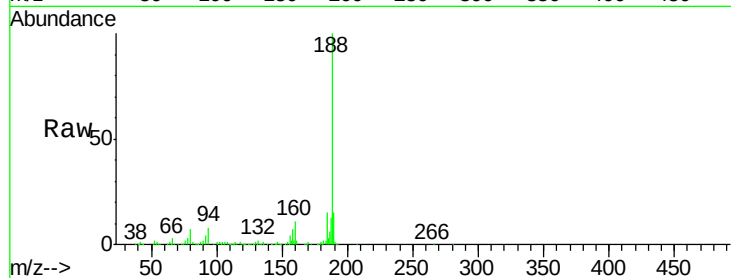




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

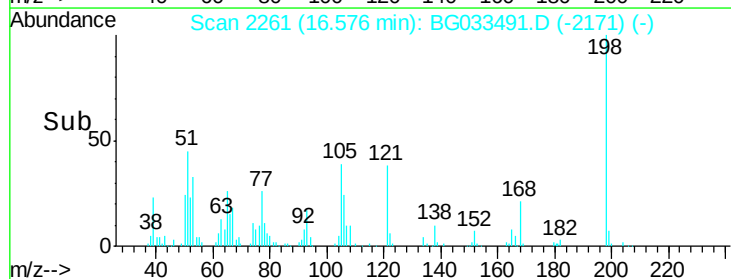
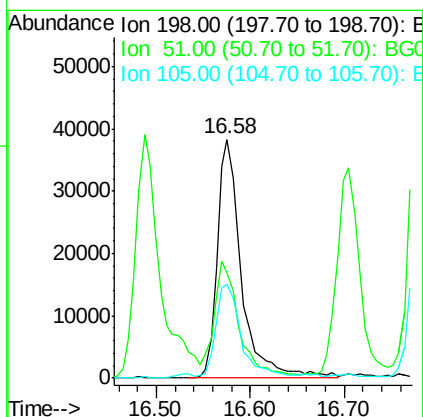
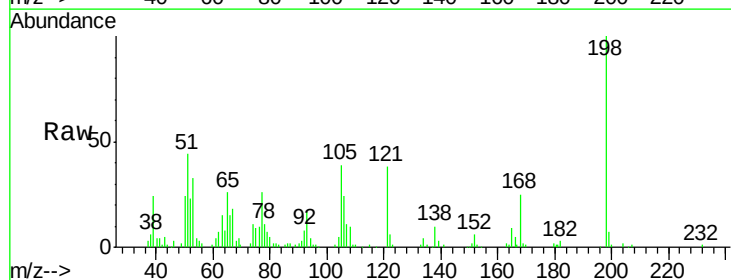
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

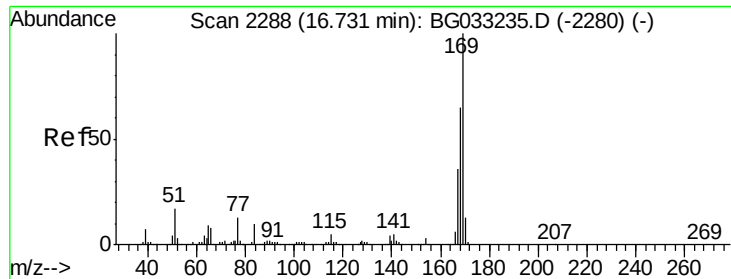
Tot Ion:188 Resp: 337162
 Ion Ratio Lower Upper
 188 100
 94 7.5 6.9 10.3
 80 7.5 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.194 ng
 RT: 16.58 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion:198 Resp: 68970
 Ion Ratio Lower Upper
 198 100
 51 44.2 30.6 70.6
 105 39.1 23.8 63.8

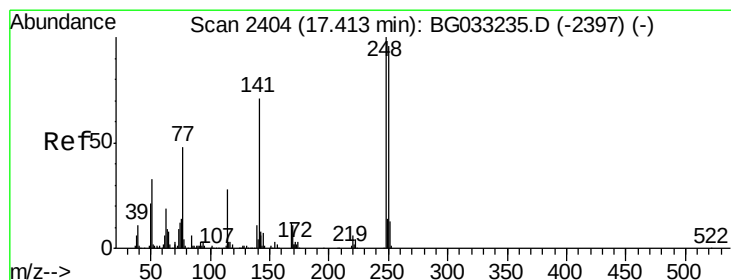
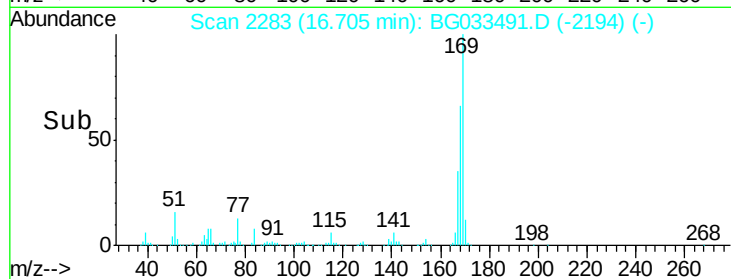
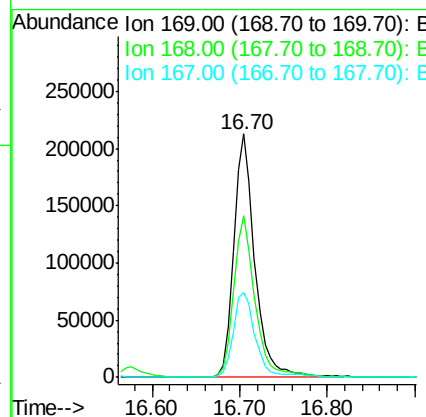
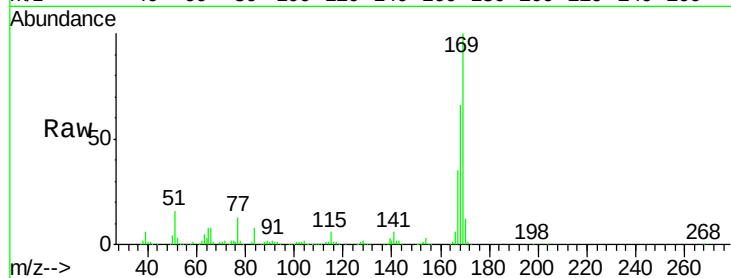




#65
n-Nitrosodiphenylamine
Concen: 36.131 ng
RT: 16.70 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

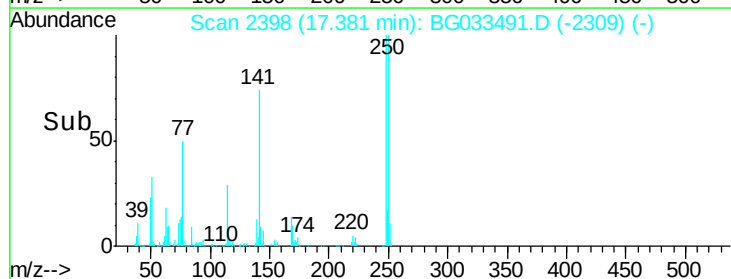
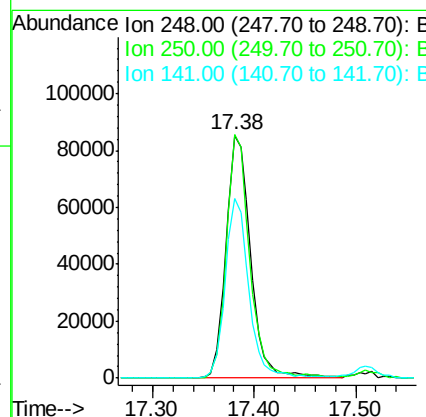
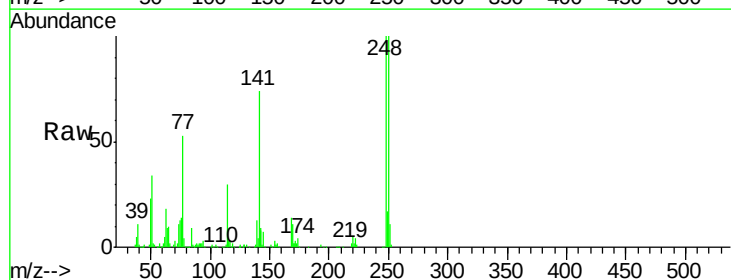
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

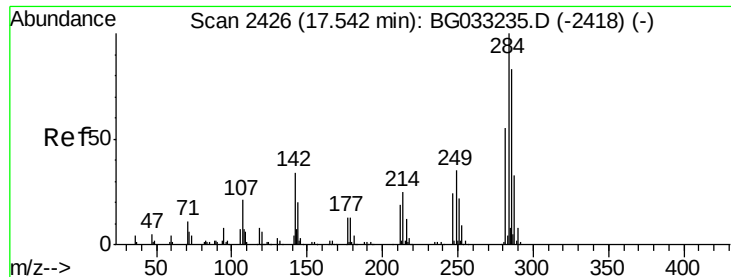
Tot Ion:169 Resp: 347780
Ion Ratio Lower Upper
169 100
168 66.4 55.7 83.5
167 34.8 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 36.286 ng
RT: 17.38 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:248 Resp: 143681
Ion Ratio Lower Upper
248 100
250 100.4 77.1 115.7
141 74.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 34.196 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

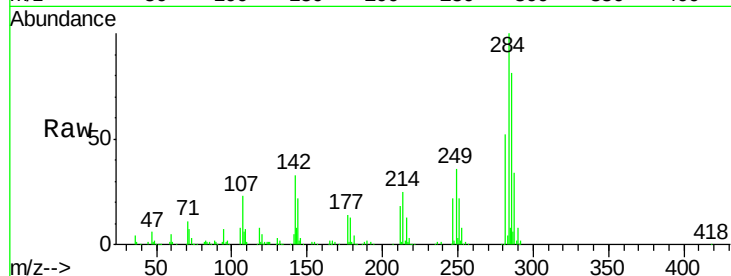
Tot Ion:284 Resp: 142901

Ion Ratio Lower Upper

284 100

142 33.0 26.8 40.2

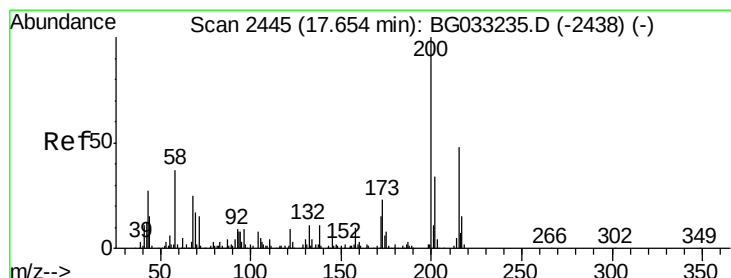
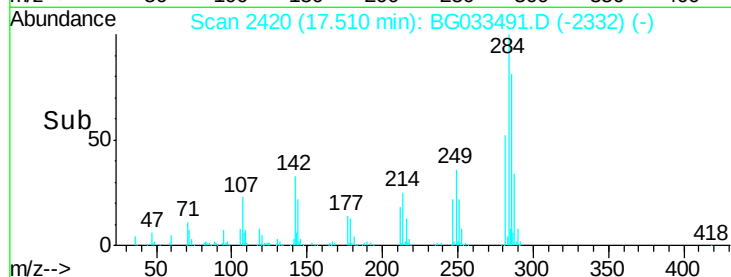
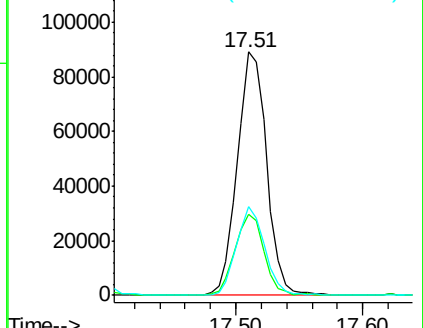
249 36.4 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.028 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

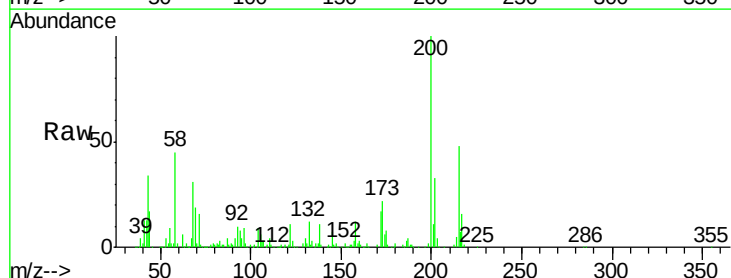
Tgt Ion:200 Resp: 152226

Ion Ratio Lower Upper

200 100

173 22.5 5.2 45.2

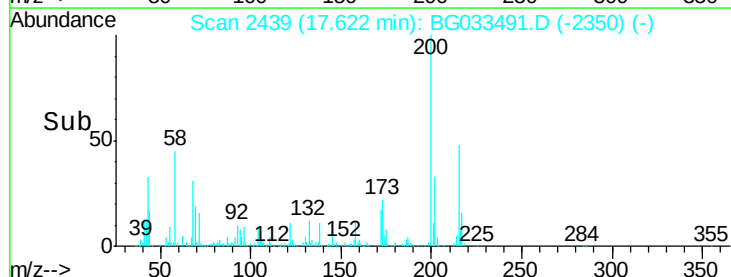
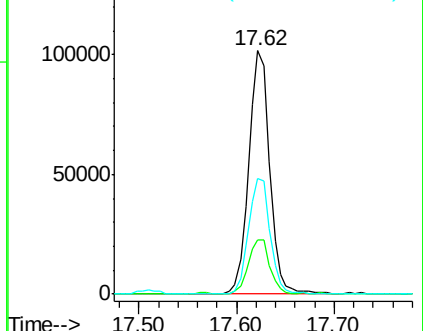
215 47.6 30.4 70.4

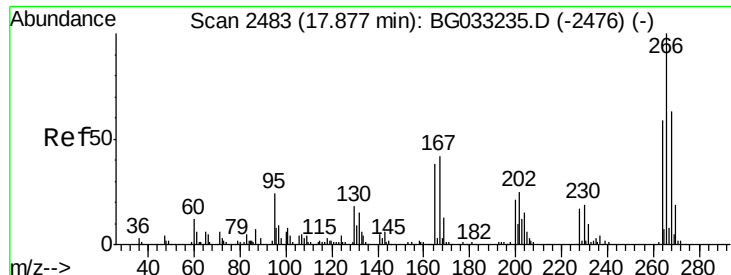


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

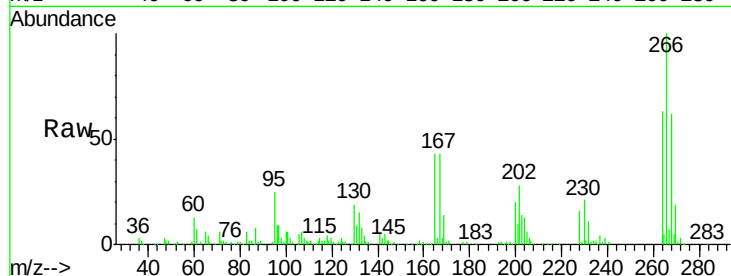




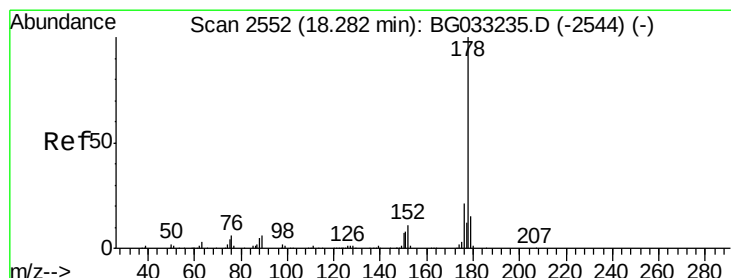
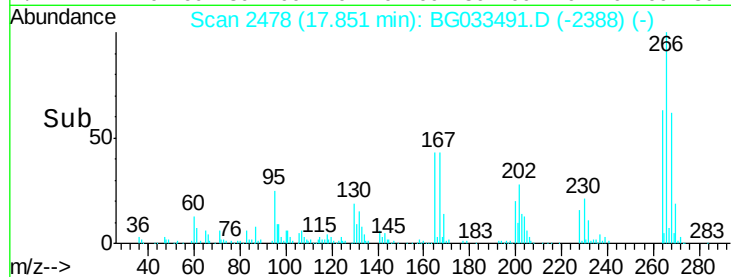
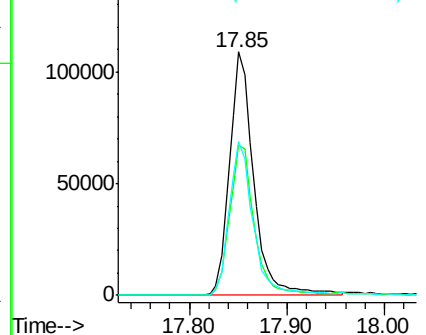
#69
 Pentachlorophenol
 Concen: 65.609 ng
 RT: 17.85 min Scan# 2478
 Delta R.T. 0.00 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	63.4	49.6	74.4

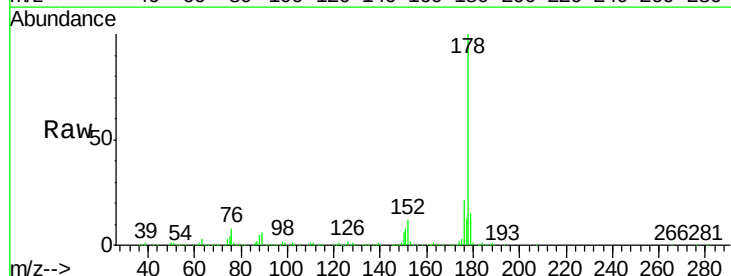


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

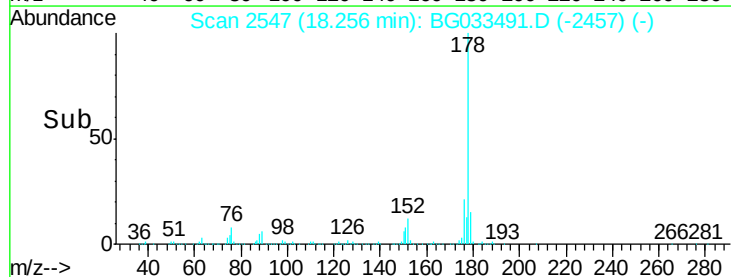
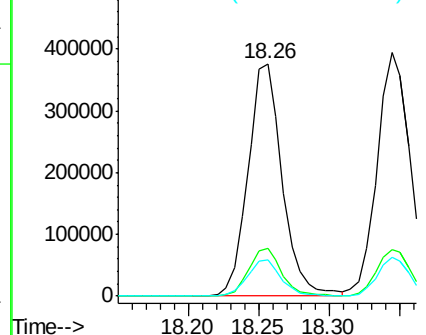


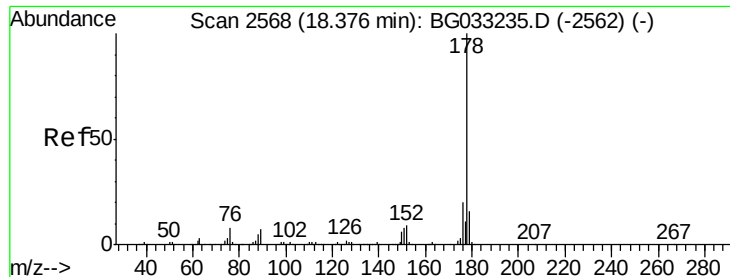
#70
 Phenanthrene
 Concen: 36.378 ng
 RT: 18.26 min Scan# 2547
 Delta R.T. 0.00 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	15.7	23.5
179	15.3	12.5	18.7



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

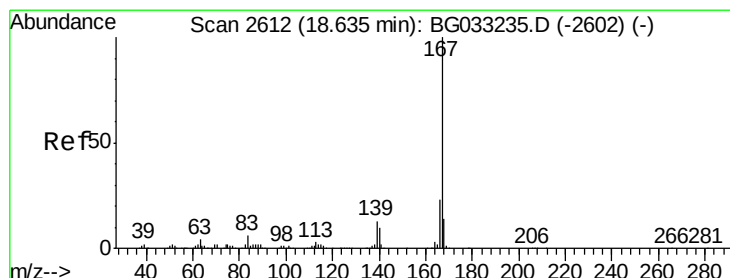
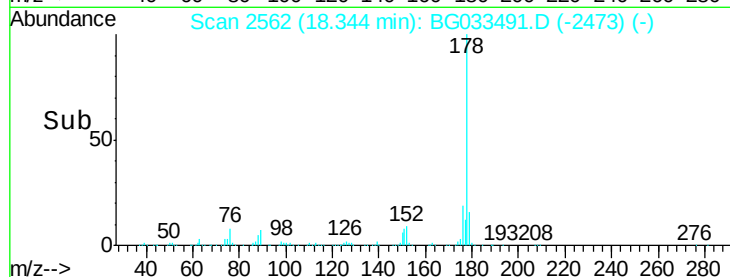
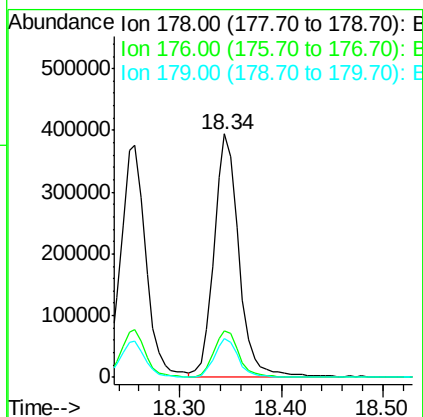
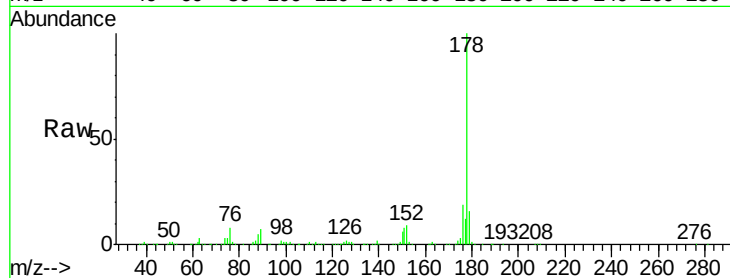




#71
 Anthracene
 Concen: 37.384 ng
 RT: 18.34 min Scan# 2562
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

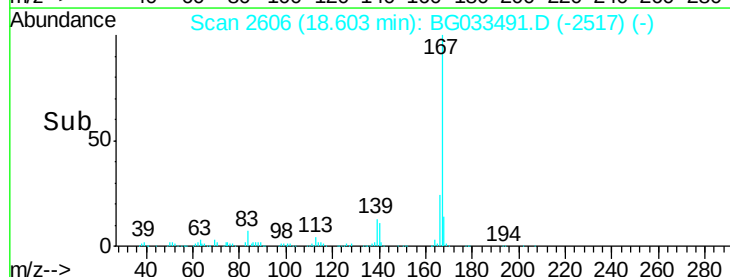
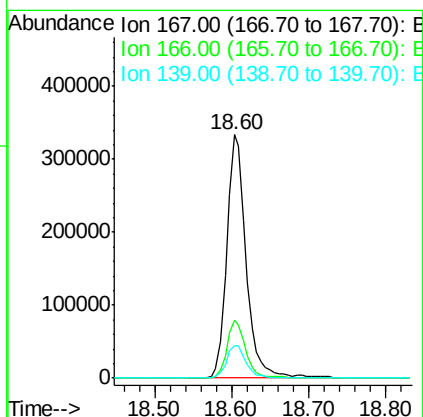
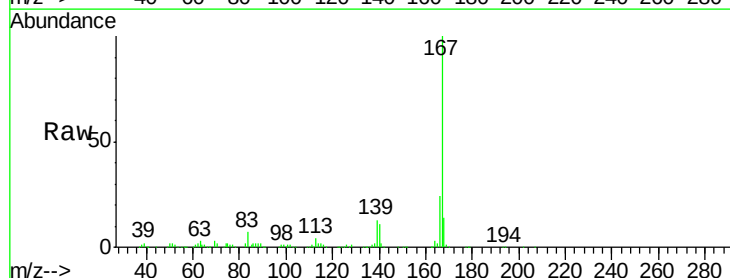
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

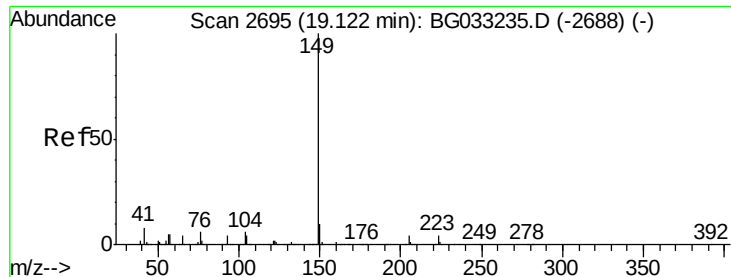
Tot Ion:178 Resp: 664668
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 37.122 ng
 RT: 18.60 min Scan# 2606
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion:167 Resp: 584858
 Ion Ratio Lower Upper
 167 100
 166 23.8 18.2 27.4
 139 13.2 9.4 14.2





#73

Di-n-butylphthalate

Concen: 38.220 ng

RT: 19.10 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

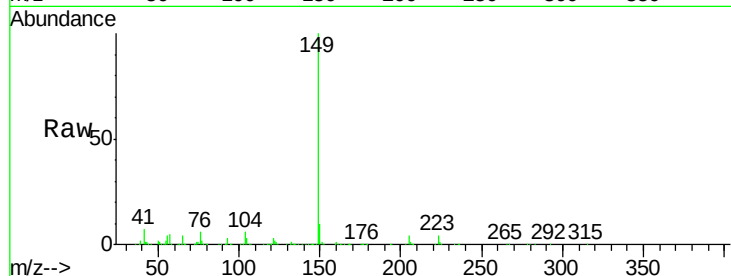
BNA_G

ClientSampleId :

PB107874BSD

Tot Ion:149 Resp: 700887

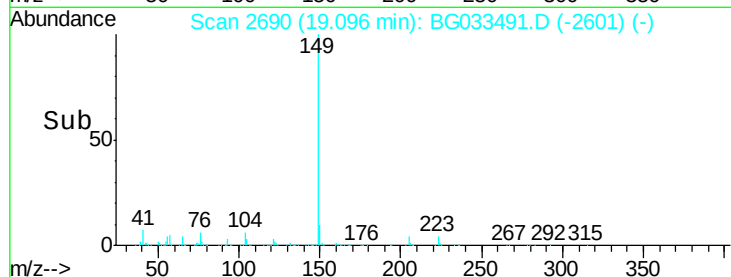
Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.8	11.6
104	5.7	3.9	5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

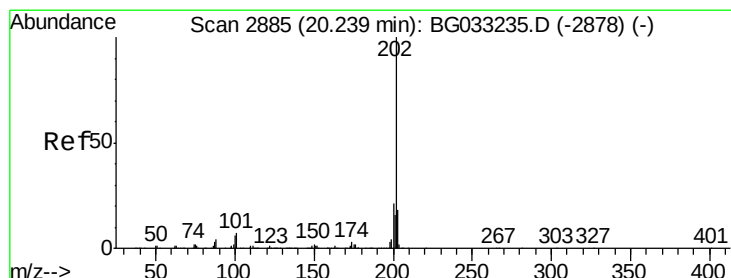
Ion 104.00 (103.70 to 104.70): E



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.686 ng

RT: 20.21 min Scan# 2879

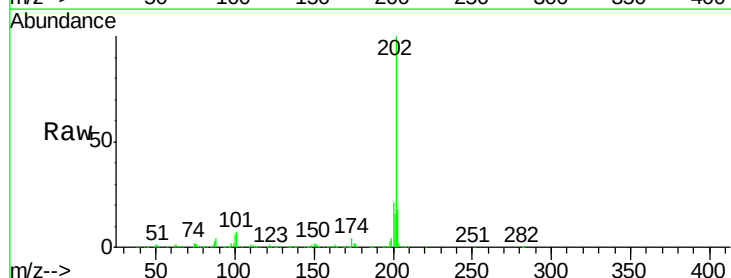
Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Tgt Ion:202 Resp: 818888

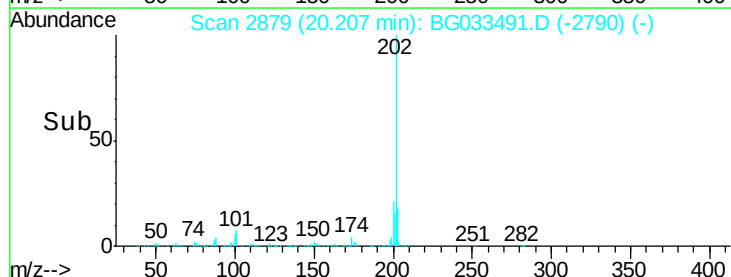
Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	28.9
203	18.1	0.0	37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

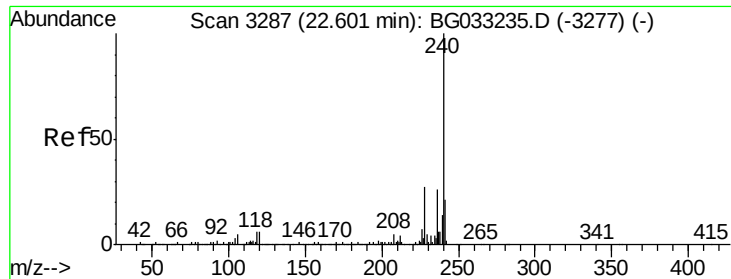
Ion 203.00 (202.70 to 203.70): E



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

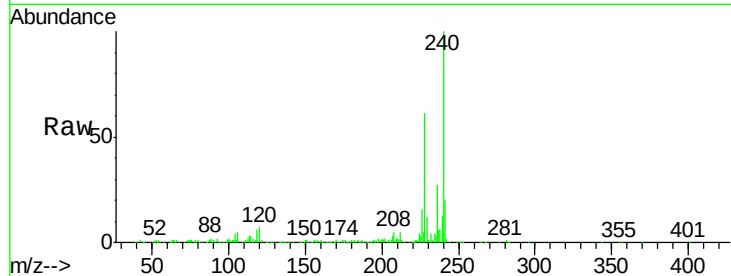
Tot Ion:240 Resp: 345557

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

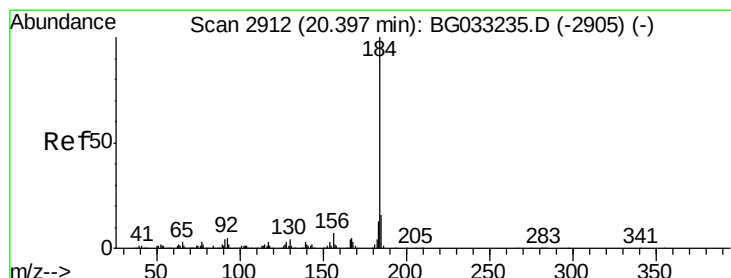
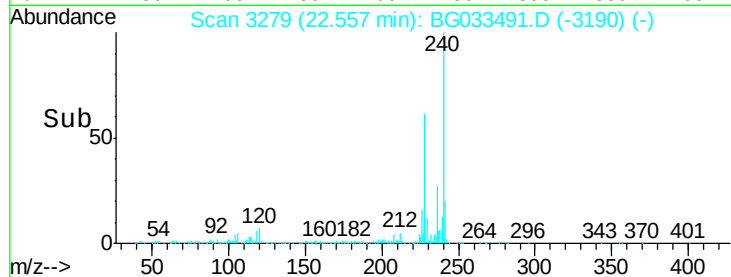
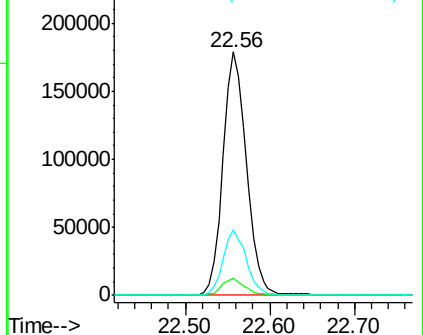
236 26.7 20.9 31.3



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: 13.086 ng

RT: 20.37 min Scan# 2907

Delta R.T. 0.00 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

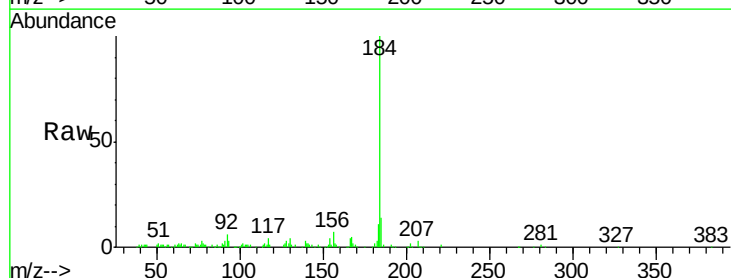
Tgt Ion:184 Resp: 122633

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

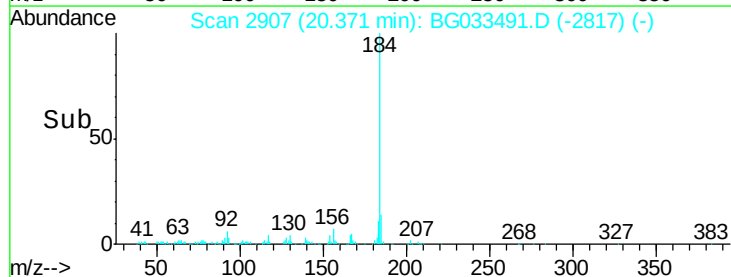
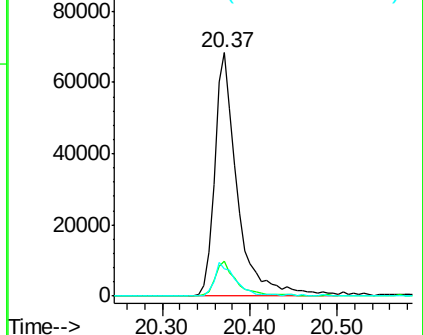
183 11.1 10.6 16.0

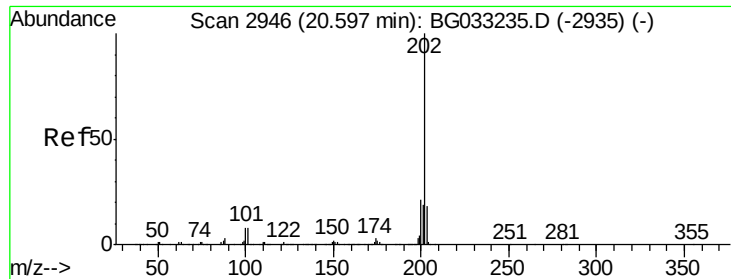


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

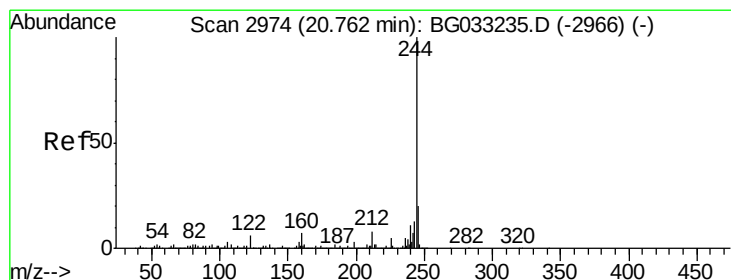
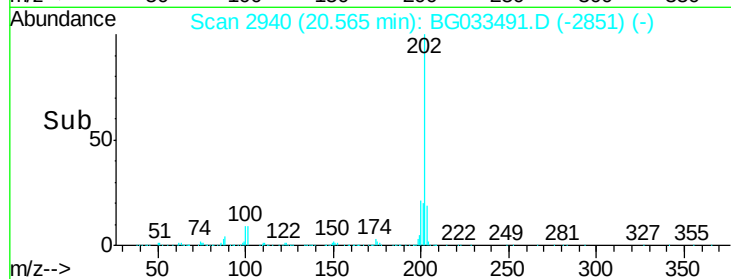
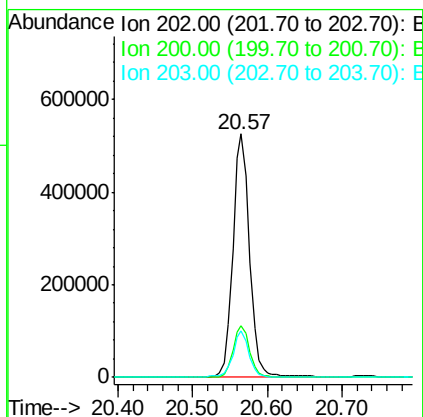
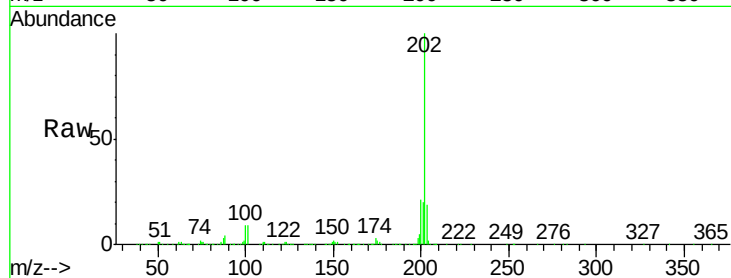




#77
Pvrene
Concen: 35.683 ng
RT: 20.57 min Scan# 2940
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

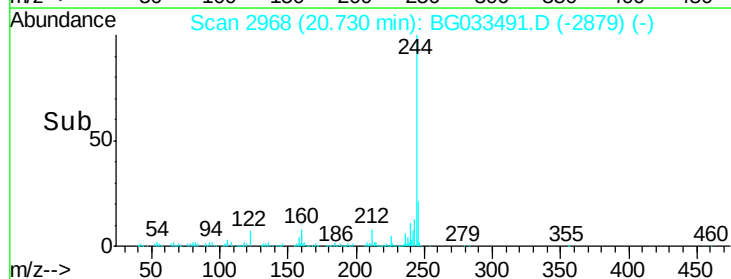
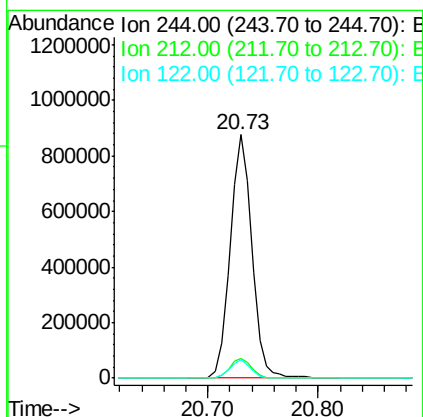
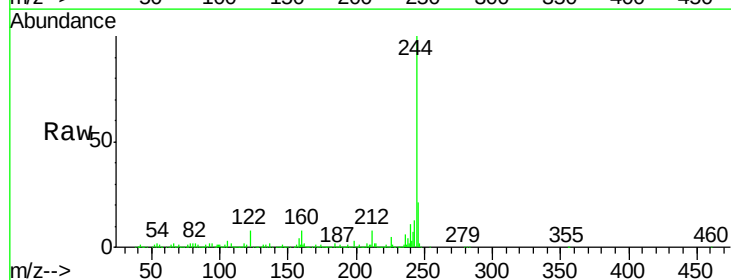
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

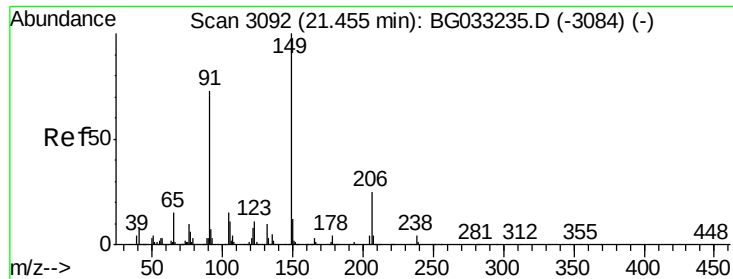
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	19.2	13.9	20.9



#78
Terphenyl-d14
Concen: 74.997 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	7.6	7.0	10.4

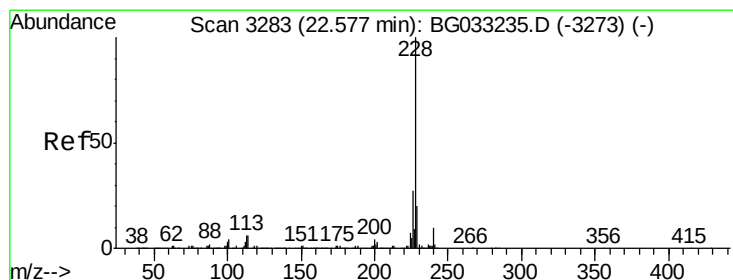
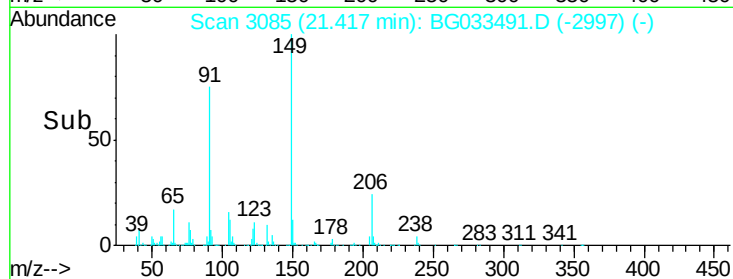
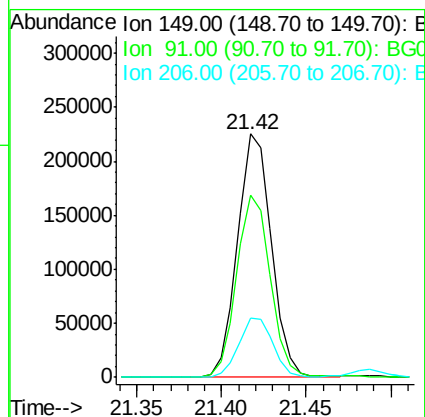
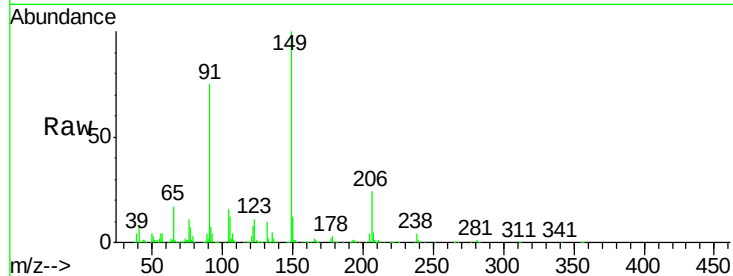




#79
Butylbenzylphthalate
Concen: 37.158 ng
RT: 21.42 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

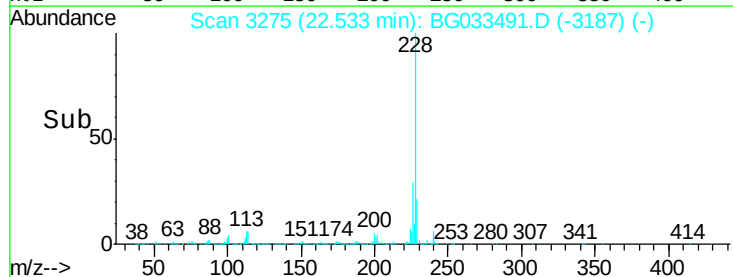
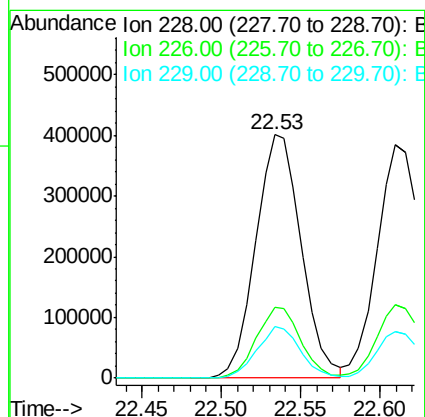
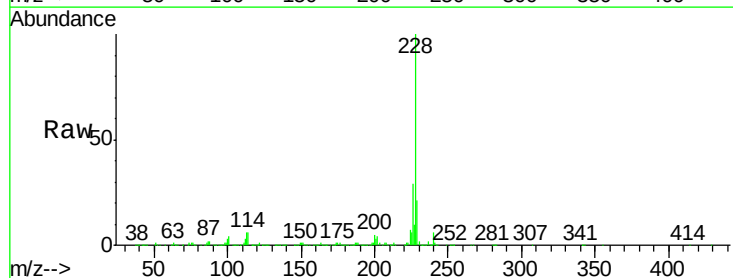
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

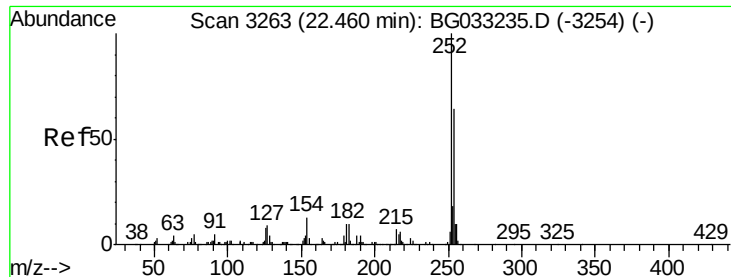
Tot Ion:149 Resp: 316015
Ion Ratio Lower Upper
149 100
91 75.0 62.2 93.2
206 24.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 36.267 ng
RT: 22.53 min Scan# 3275
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:228 Resp: 797995
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.1 16.2 24.2

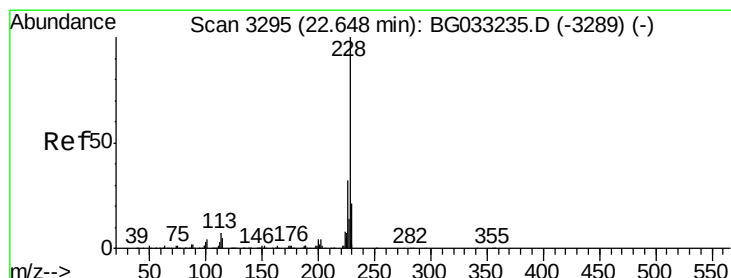
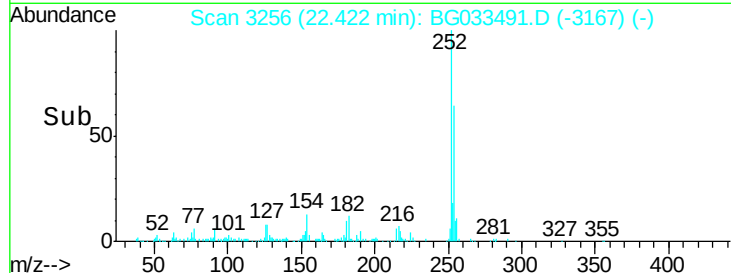
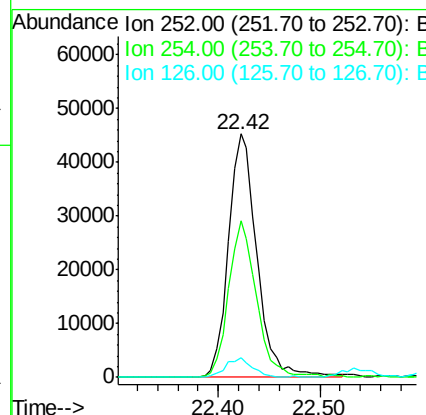
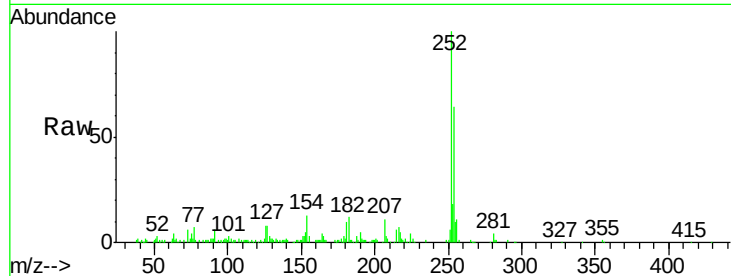




#81
 3,3'-Dichlorobenzidine
 Concen: 11.278 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

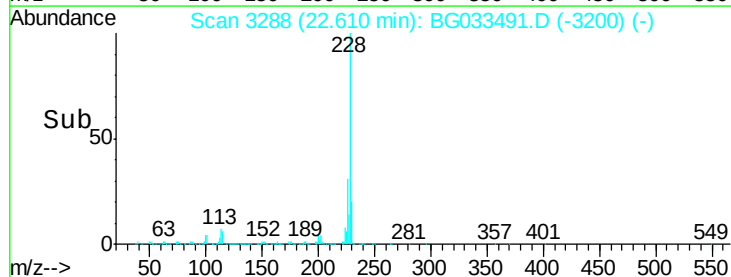
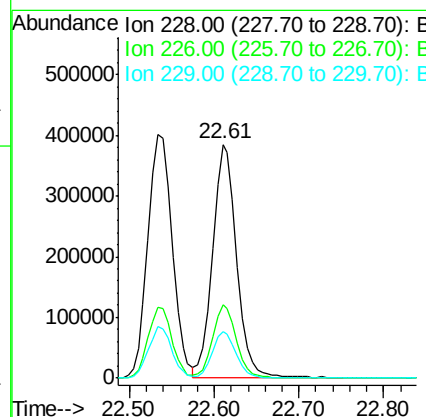
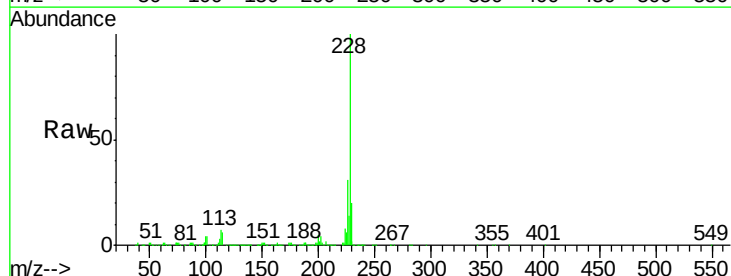
Instrument :
 BNA_G
 ClientSampleId :
 PB107874BSD

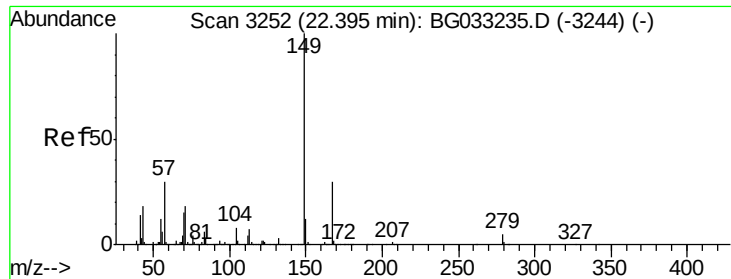
Tot Ion:252 Resp: 88308
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 7.9 7.4 11.2



#82
 Chrysene
 Concen: 35.818 ng
 RT: 22.61 min Scan# 3288
 Delta R.T. -0.01 min
 Lab File: BG033491.D
 Acq: 2 Apr 2018 17:31

Tgt Ion:228 Resp: 762910
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.1 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.269 ng

RT: 22.36 min Scan# 3245

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

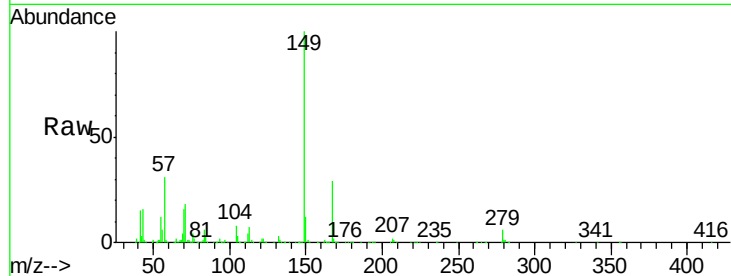
Tot Ion:149 Resp: 436932

Ion Ratio Lower Upper

149 100

167 28.6 24.3 36.5

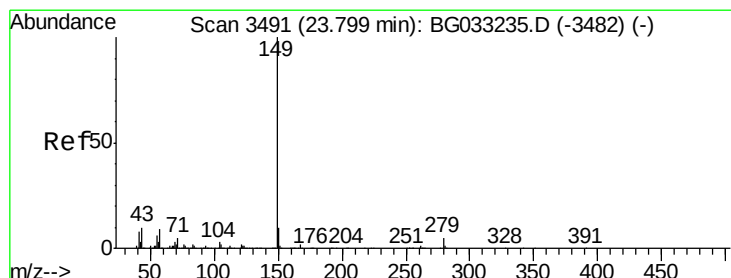
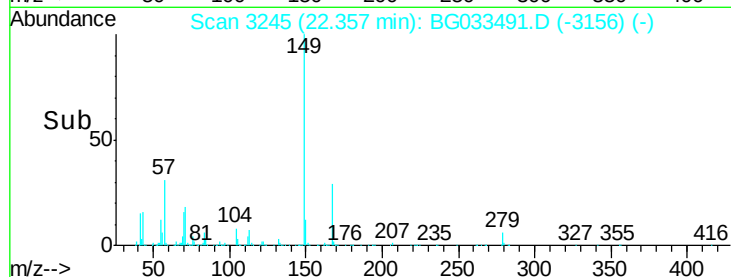
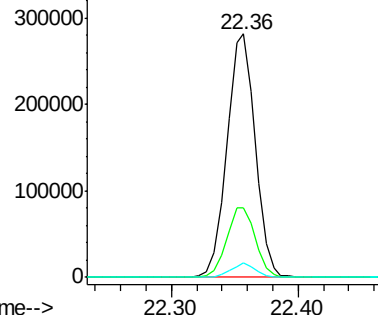
279 5.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.140 ng

RT: 23.75 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

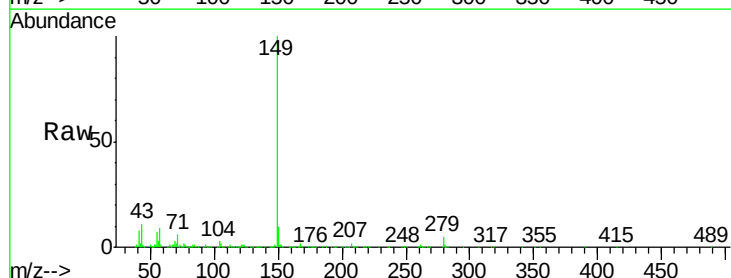
Tgt Ion:149 Resp: 756437

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

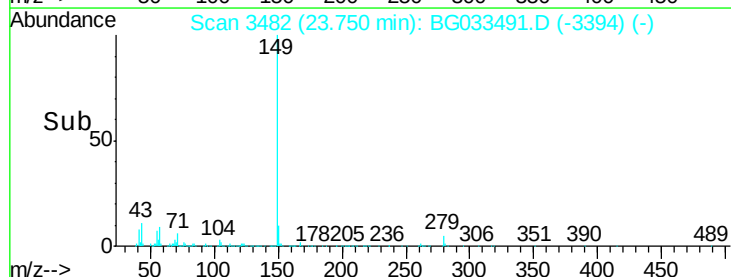
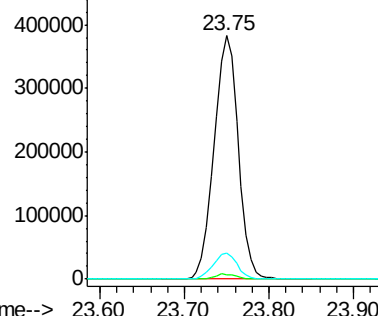
43 10.7 8.9 13.3

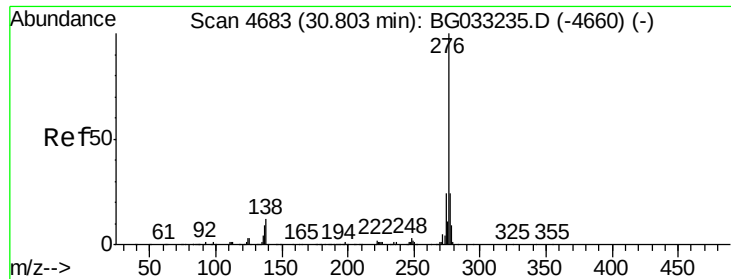


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

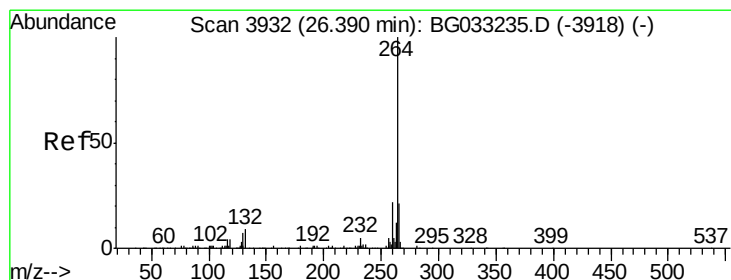
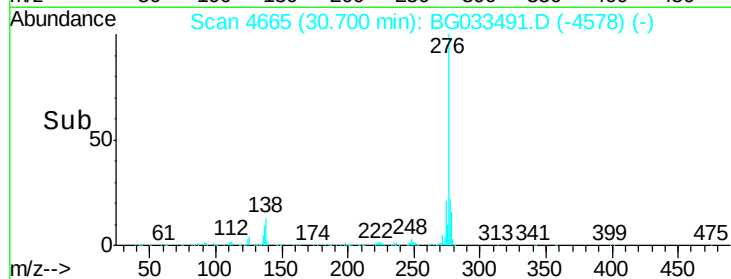
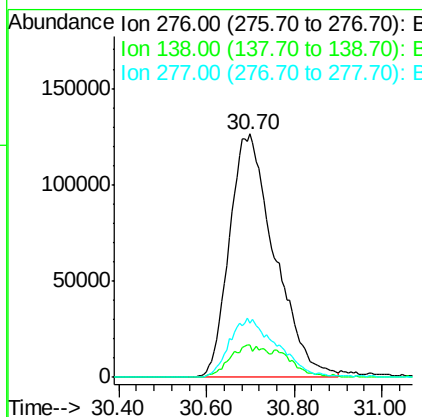
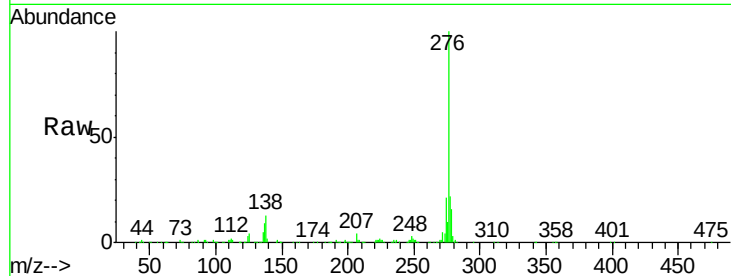




#85
Indeno(1,2,3-cd)pyrene
Concen: 38.570 ng
RT: 30.70 min Scan# 4665
Delta R.T. -0.02 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

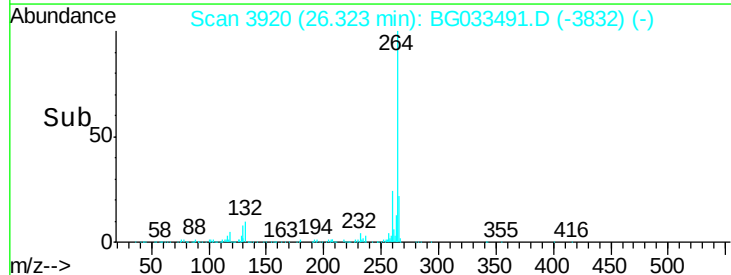
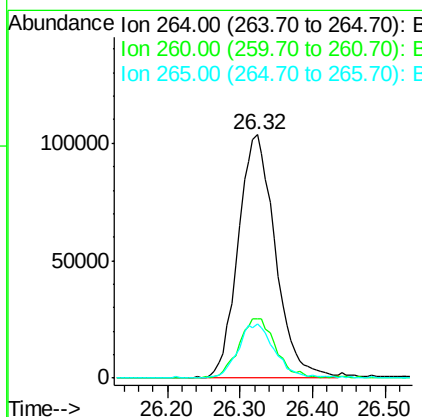
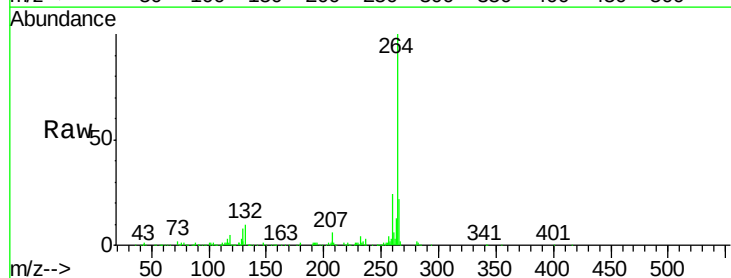
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

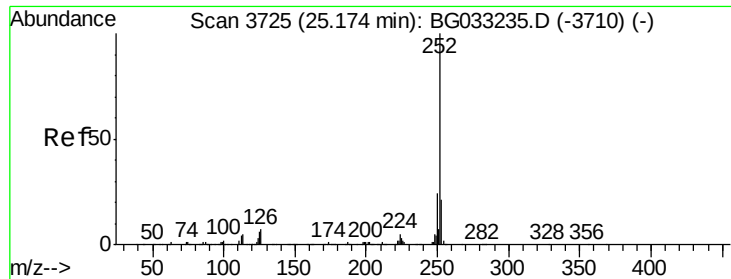
Tot Ion:276 Resp: 888213
Ion Ratio Lower Upper
276 100
138 6.8 16.0 24.0#
277 25.6 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:264 Resp: 368137
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 22.0 17.7 26.5

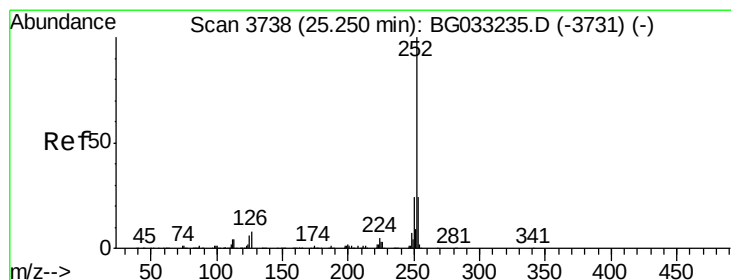
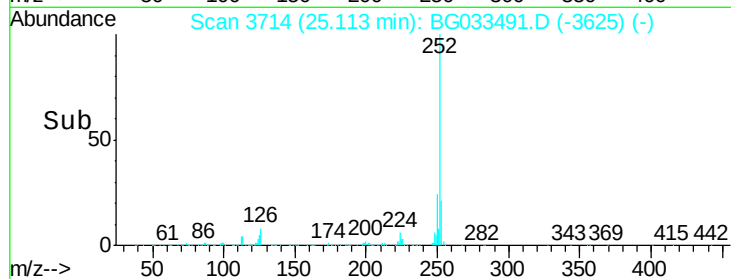
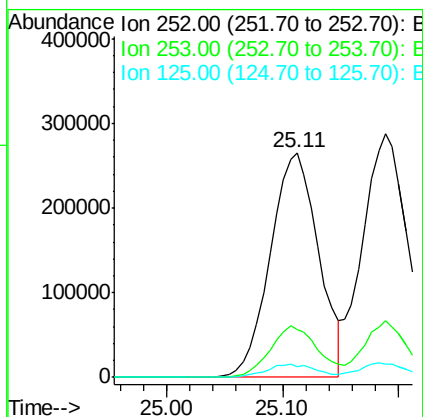
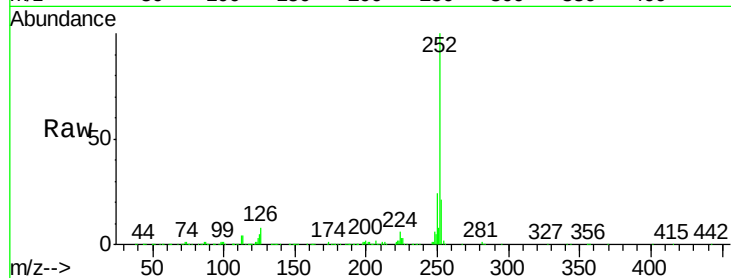




#87
Benzo(b)fluoranthene
Concen: 36.149 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

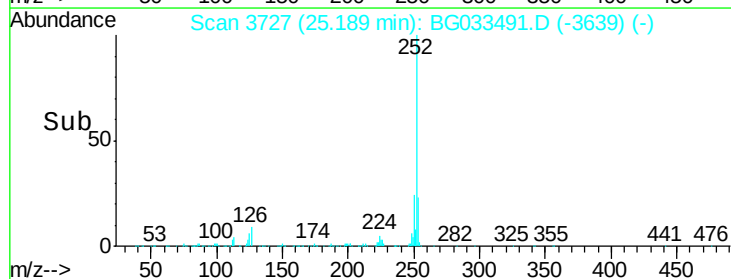
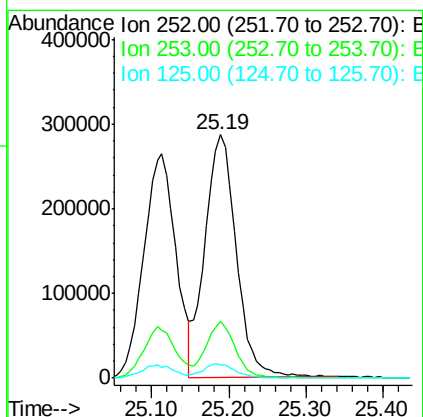
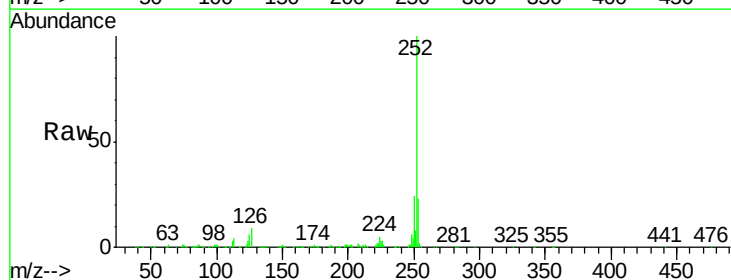
Instrument :
BNA_G
ClientSampleId :
PB107874BSD

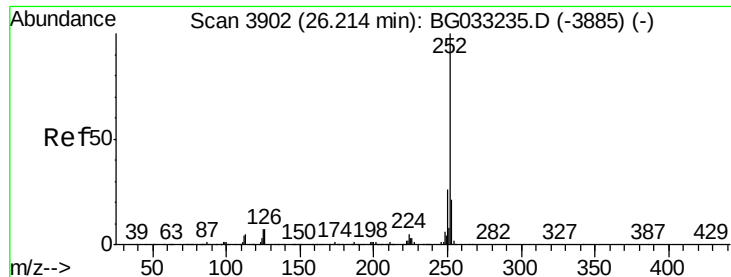
Tot Ion:252 Resp: 768862
Ion Ratio Lower Upper
252 100
253 21.3 18.2 27.4
125 4.9 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 37.471 ng
RT: 25.19 min Scan# 3727
Delta R.T. -0.01 min
Lab File: BG033491.D
Acq: 2 Apr 2018 17:31

Tgt Ion:252 Resp: 806037
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 5.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 37.853 ng

RT: 26.14 min Scan# 3889

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

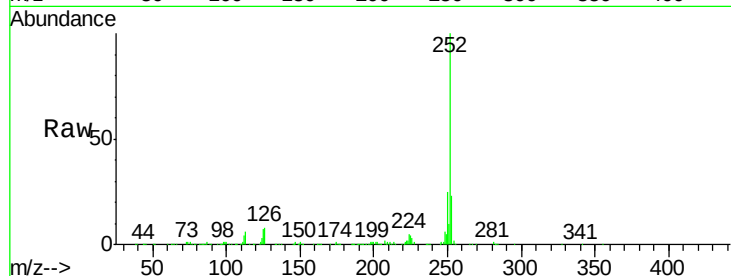
Tot Ion:252 Resp: 773153

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

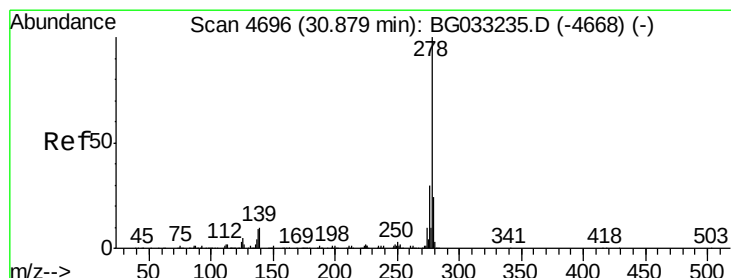
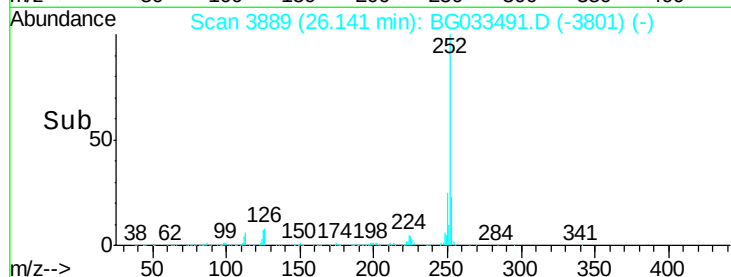
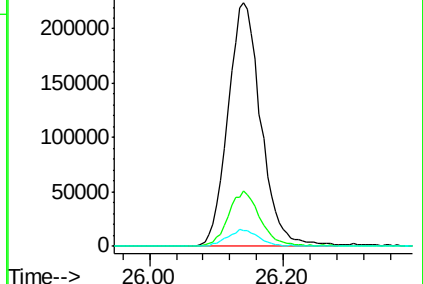
125 6.5 7.3 10.9#



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: 37.717 ng

RT: 30.77 min Scan# 4677

Delta R.T. -0.01 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

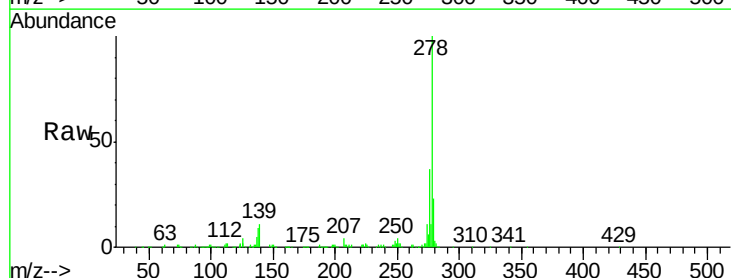
Tgt Ion:278 Resp: 725666

Ion Ratio Lower Upper

278 100

139 10.5 9.8 14.6

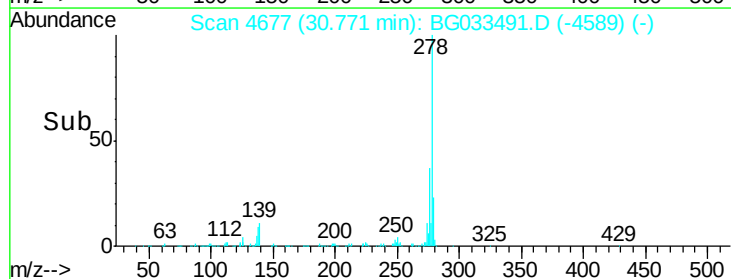
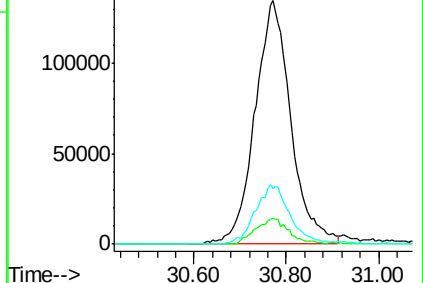
279 22.7 18.4 27.6

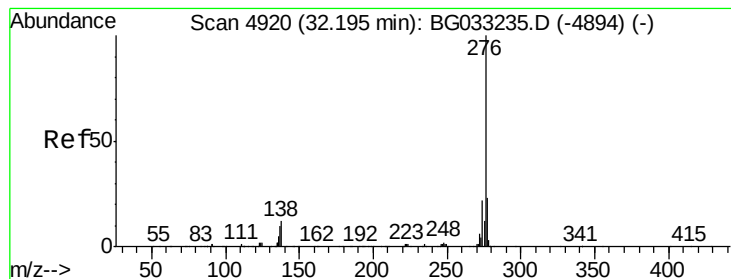


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 38.561 ng

RT: 32.07 min Scan# 4898

Delta R.T. -0.02 min

Lab File: BG033491.D

Acq: 2 Apr 2018 17:31

Instrument :

BNA_G

ClientSampleId :

PB107874BSD

Tot Ion:276 Resp: 734669

Ion Ratio Lower Upper

276 100

277 25.3 18.3 27.5

138 13.5 13.9 20.9#

