

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033418.D
 Acq On : 29 Mar 2018 12:58
 Operator : SJ/JU
 Sample : J1754-14
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 29 13:39:26 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

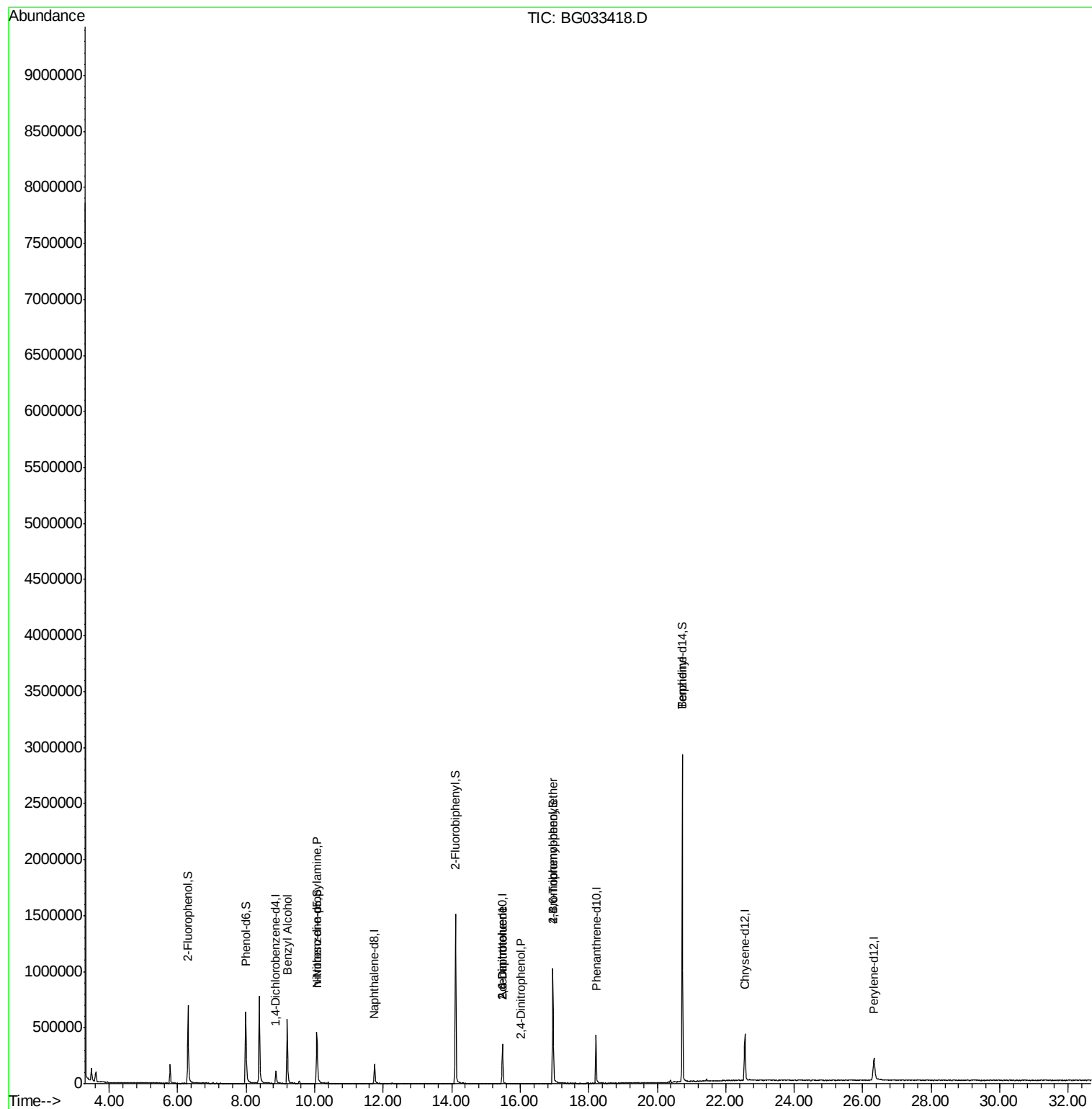
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	40580	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	167537	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	123695	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314563	20.00	ng	0.00
75) Chrysene-d12	22.56	240	326267	20.00	ng	0.00
86) Perylene-d12	26.33	264	327431	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	332612	153.69	ng	0.00
7) Phenol-d6	7.98	99	464949	125.04	ng	0.00
23) Nitrobenzene-d5	10.06	82	352082	96.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	218304	118.00	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	851975	99.43	ng	0.00
78) Terphenyl-d14	20.73	244	1459985	95.70	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6262	2.139	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	47121	17.294	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	14860	6.751	ng	# 22
53) 2,4-Dinitrophenol	16.01	184	63	7.693	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14860	4.585	ng	# 19
66) 4-Bromophenyl-phenylether	16.96	248	15292	4.139	ng	# 1
76) Benizidine	20.73	184	24900	2.814	ng	# 93

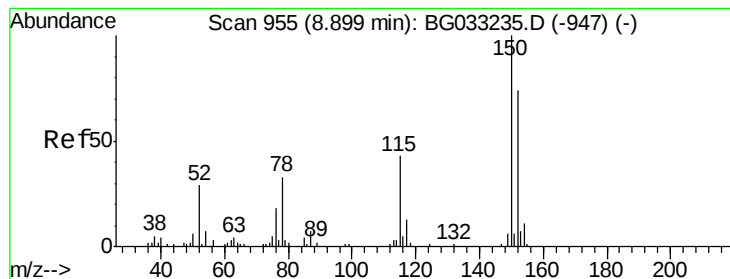
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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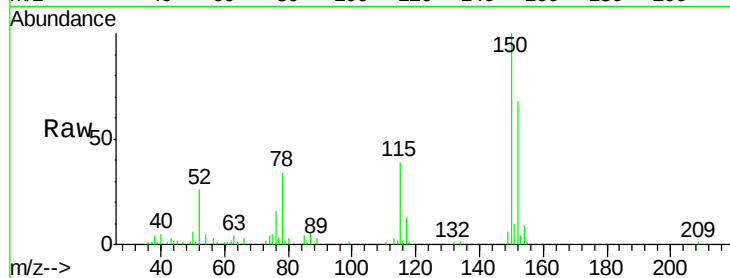


#1

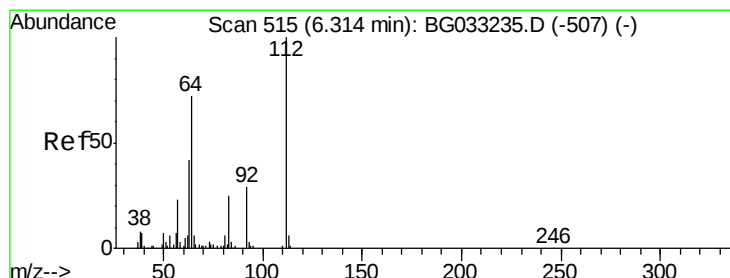
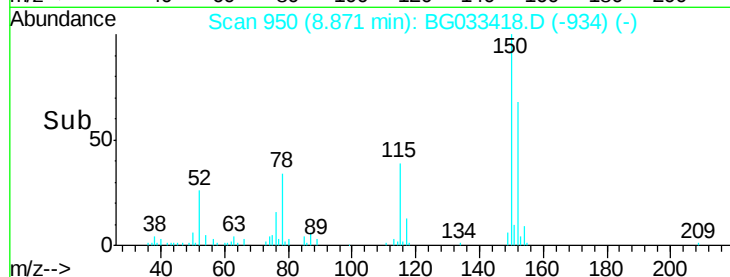
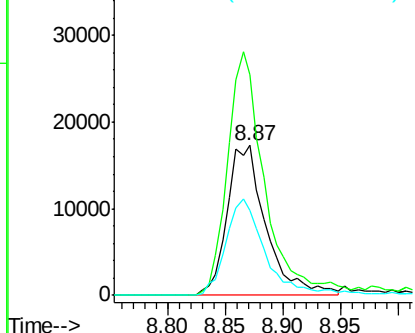
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	126.6	189.8
115	56.7	53.0	79.4



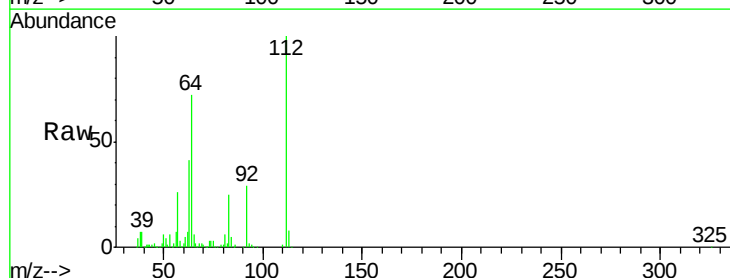
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



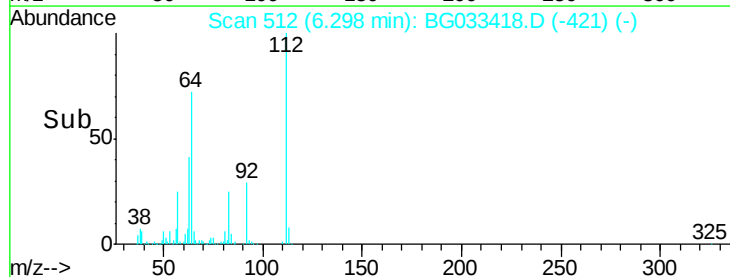
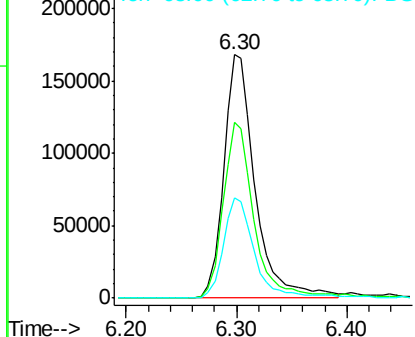
#5

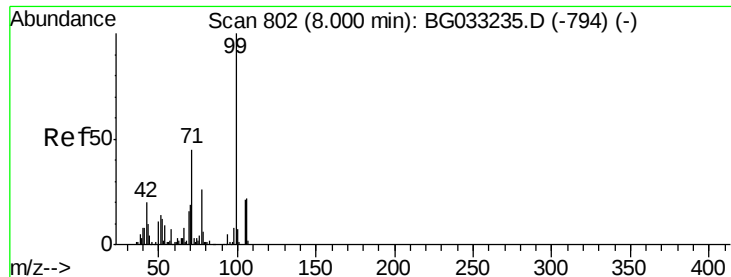
2-Fluorophenol
Concen: 153.693 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.3	84.5
63	41.4	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 125.040 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033418.D

Acq: 29 Mar 2018 12:58

Instrument :

BNA_G

ClientSampled :

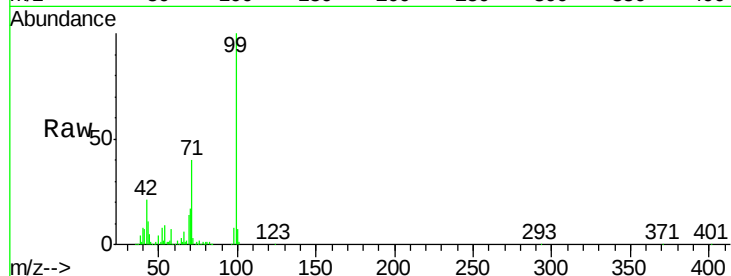
Tot Ion: 99 Resp: 464949

Ion Ratio Lower Upper

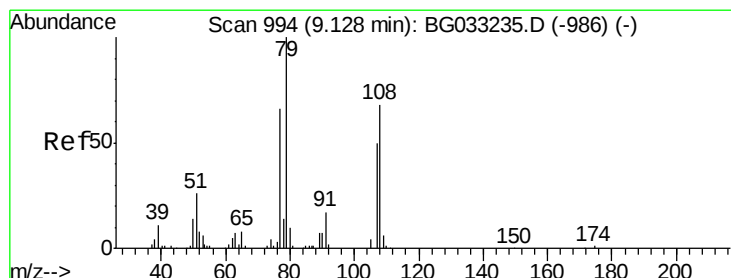
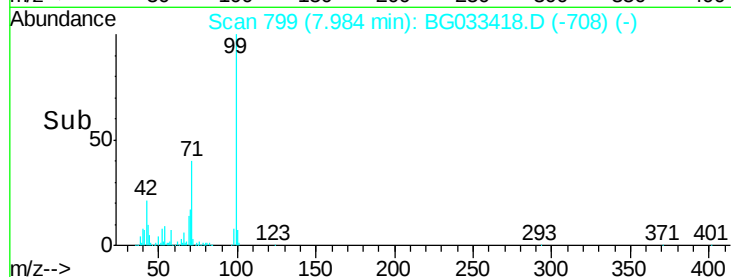
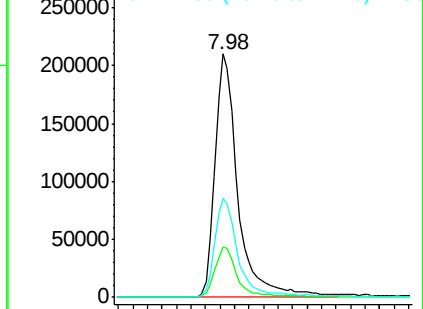
99 100

42 20.9 14.1 21.1

71 40.5 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.139 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033418.D

Acq: 29 Mar 2018 12:58

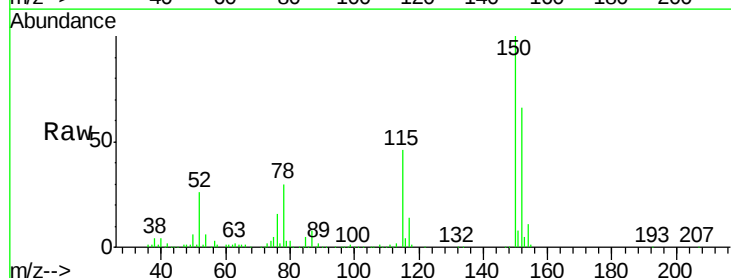
Tgt Ion: 79 Resp: 6262

Ion Ratio Lower Upper

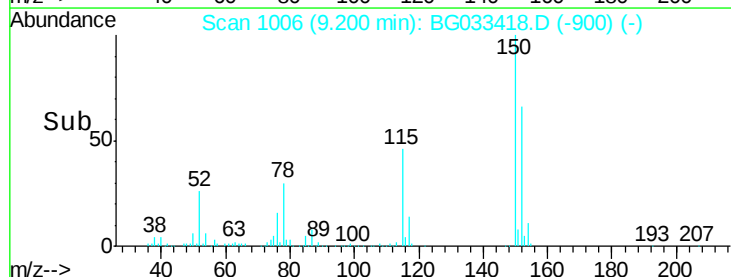
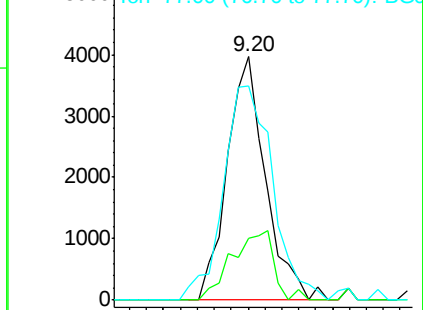
79 100

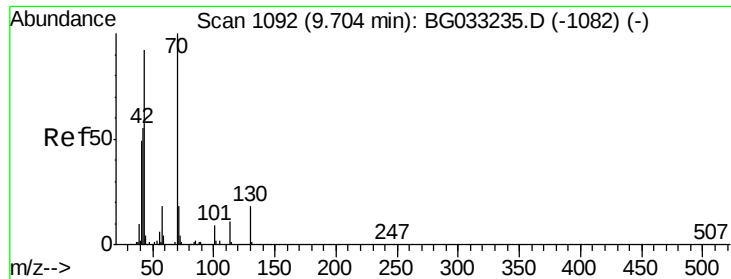
108 25.5 57.2 85.8#

77 87.8 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

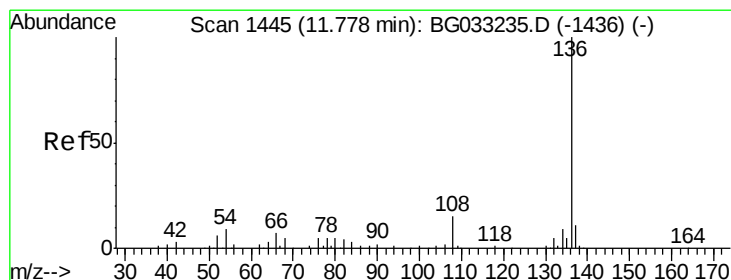
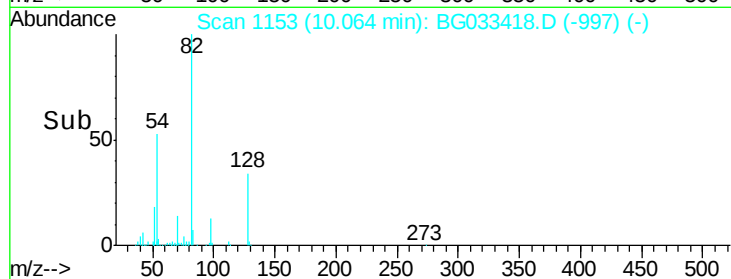
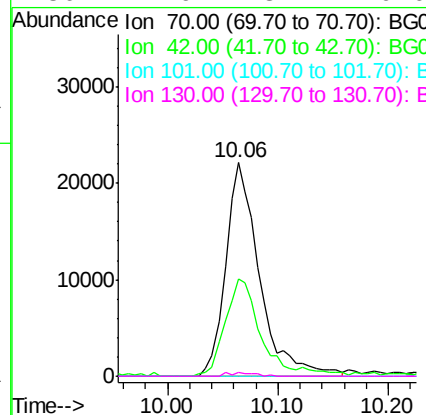
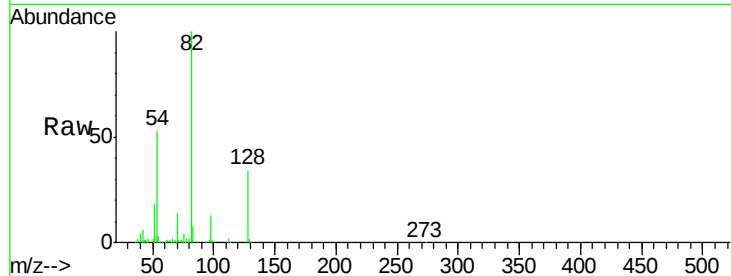




#19
n-Nitroso-di-n-propylamine
Concen: 17.294 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

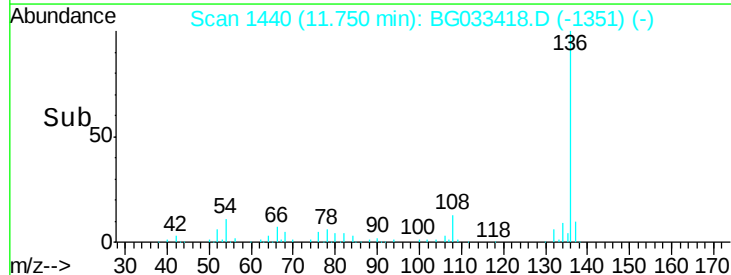
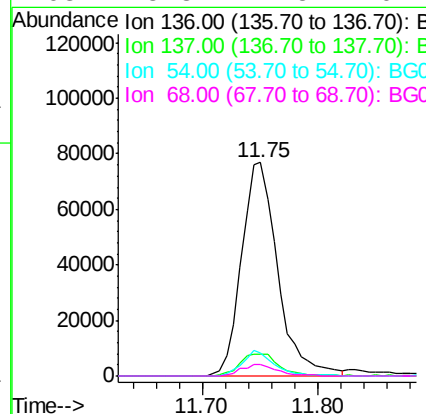
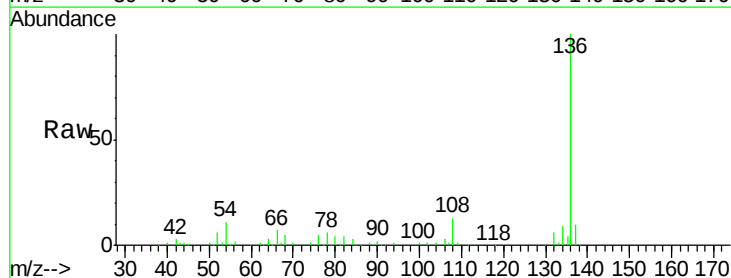
Instrument :
BNA_G
ClientSampleId :

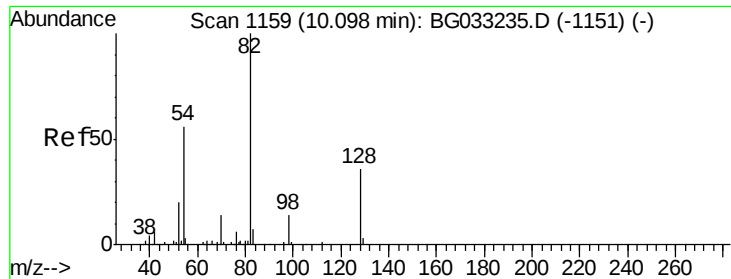
Tot Ion: 70 Resp: 47121
Ion Ratio Lower Upper
70 100
42 45.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Tgt Ion: 136 Resp: 167537
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 10.7 10.3 15.5
68 5.3 4.5 6.7

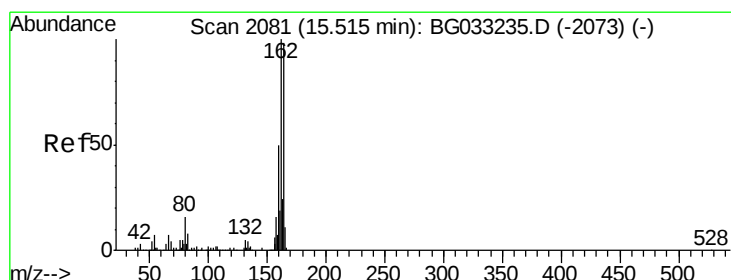
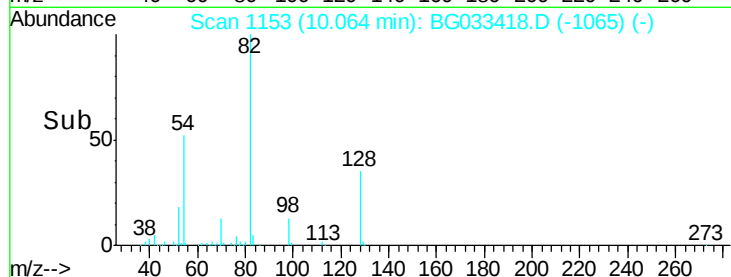
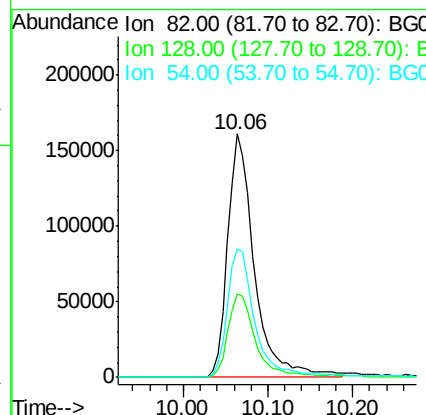
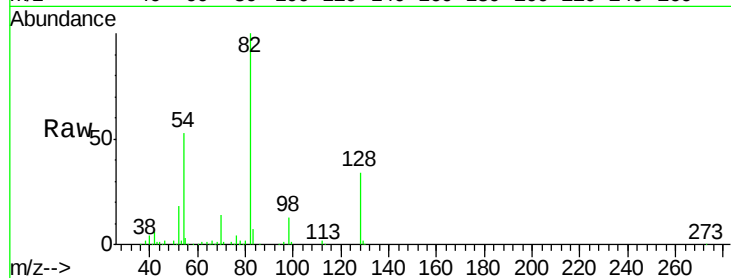




#23
 Nitrobenzene-d5
 Concen: 96.552 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

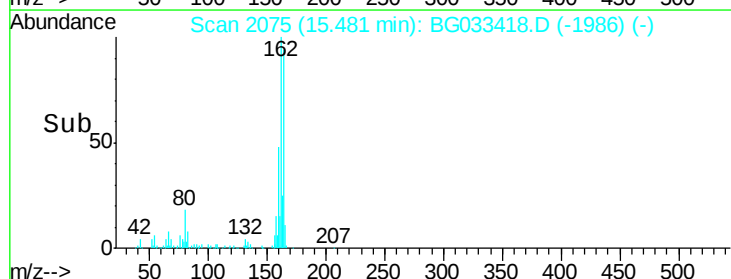
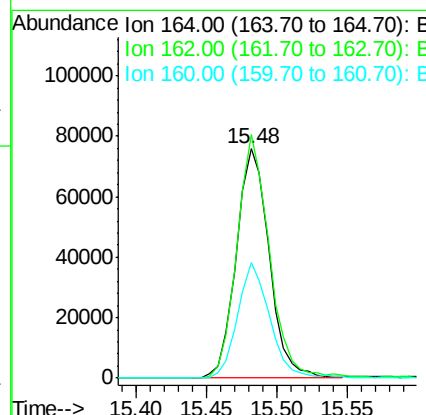
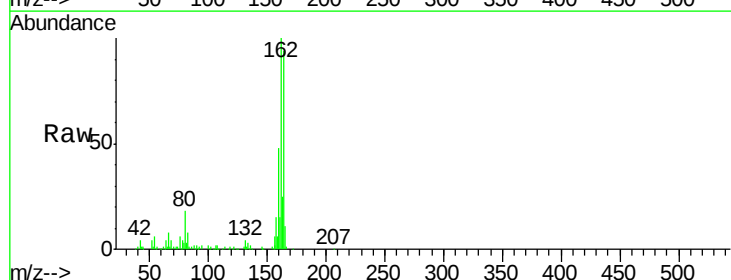
Instrument :
 BNA_G
 ClientSampleId :

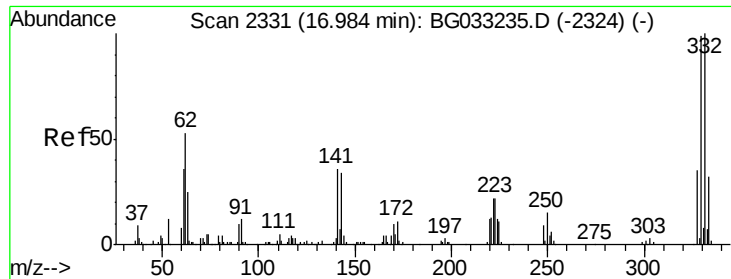
Tot Ion: 82 Resp: 352082
 Ion Ratio Lower Upper
 82 100
 128 34.5 29.7 44.5
 54 52.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Tgt Ion: 164 Resp: 123695
 Ion Ratio Lower Upper
 164 100
 162 106.3 78.8 118.2
 160 50.6 35.4 53.0

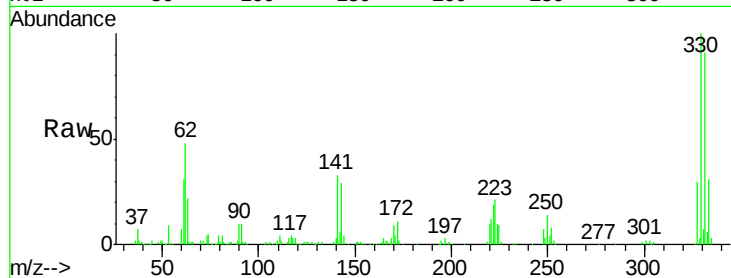




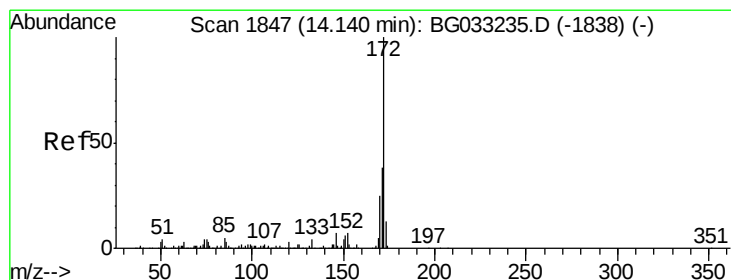
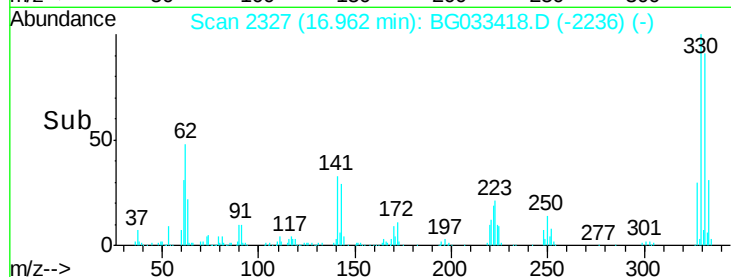
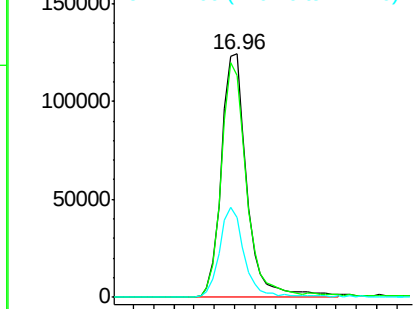
#41
 2,4,6-Tribromophenol
 Concen: 118.002 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	35.5	25.2	37.8

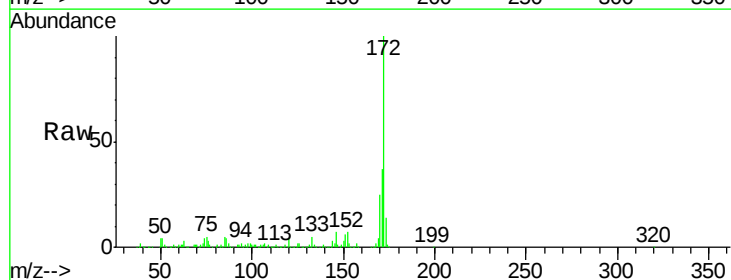


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

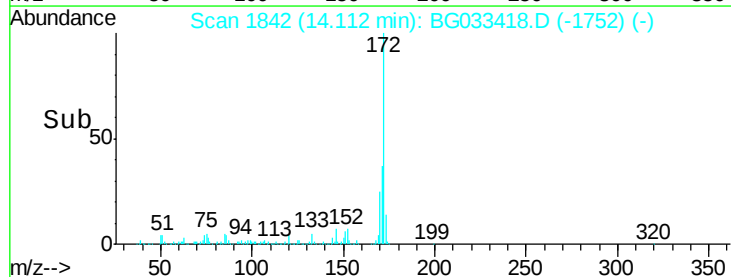
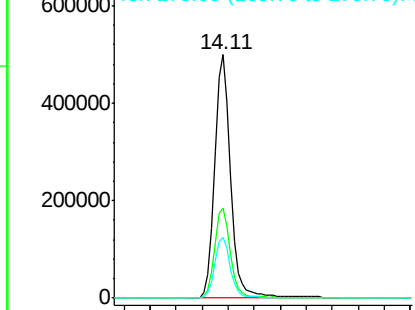


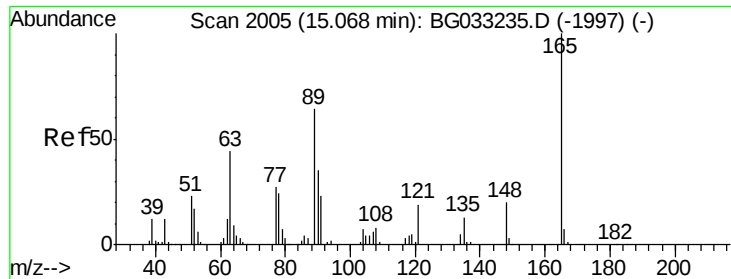
#44
 2-Fluorobiphenyl
 Concen: 99.433 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.8	19.5	29.3



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

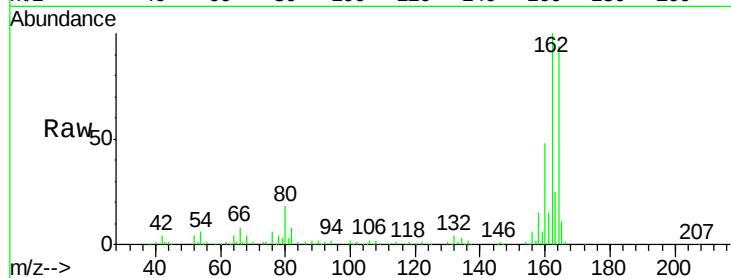




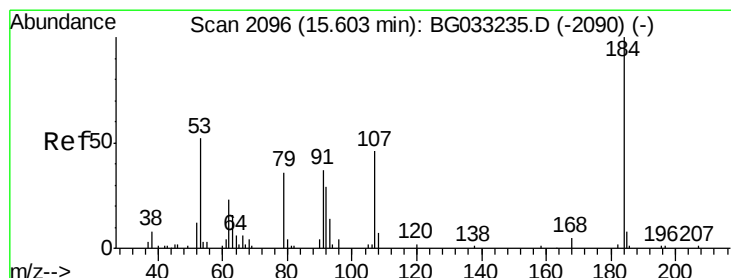
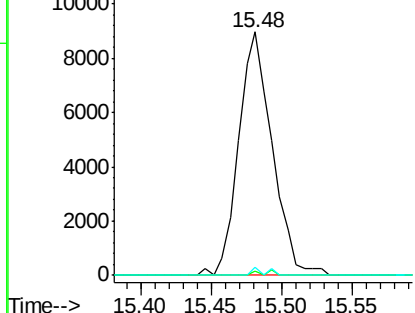
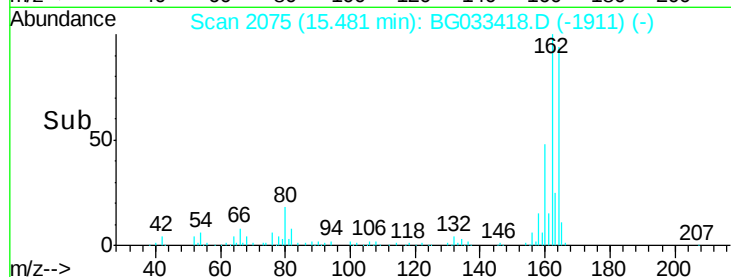
#50
 2,6-Dinitrotoluene
 Concen: 6.751 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 14860
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 3.2 49.2 73.8#

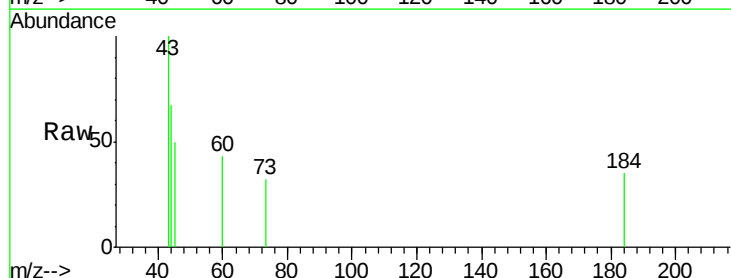


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

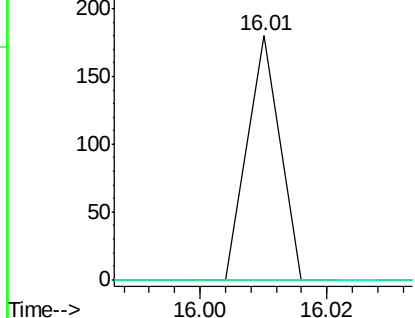
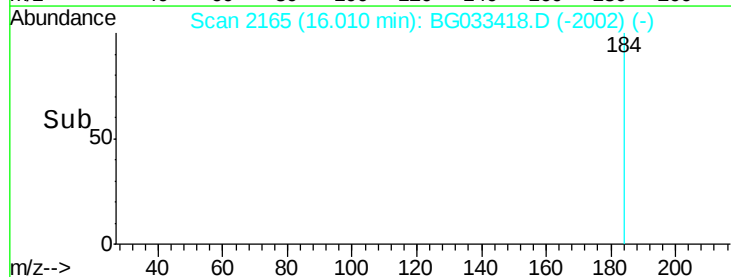


#53
 2,4-Dinitrophenol
 Concen: 7.693 ng
 RT: 16.01 min Scan# 2165
 Delta R.T. 0.43 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Tgt Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



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

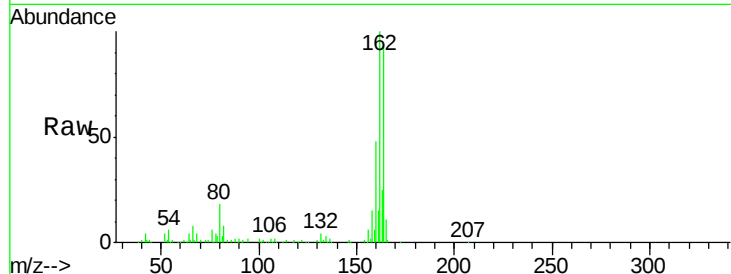




#56
 2,4-Dinitrotoluene
 Concen: 4.585 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.0	63.0#
89	3.2	66.9	100.3#
182	0.0	2.6	3.8#

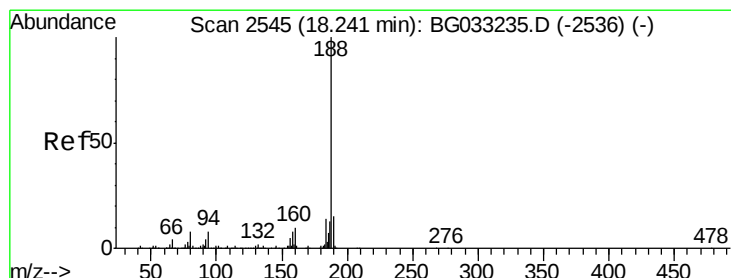
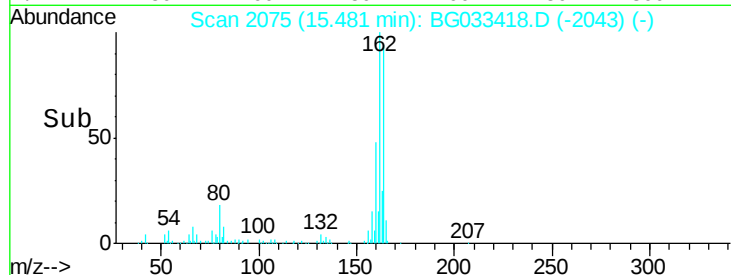
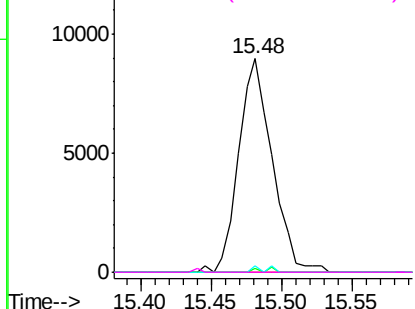


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

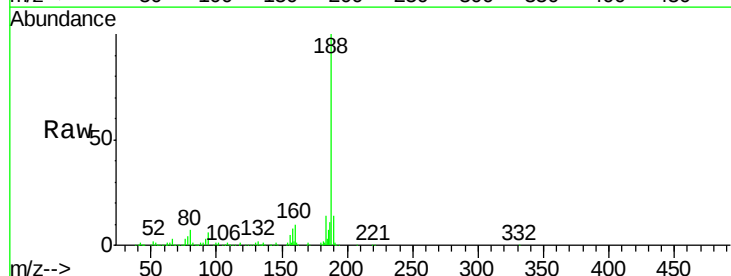
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033418.D
 Acq: 29 Mar 2018 12:58

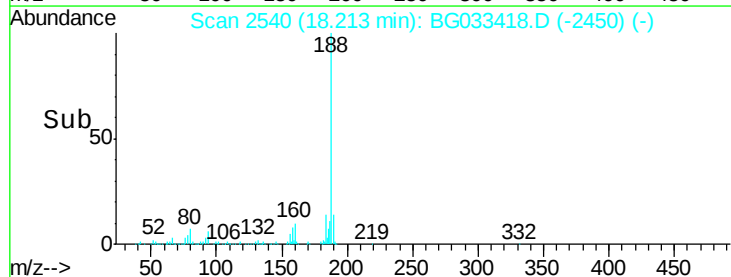
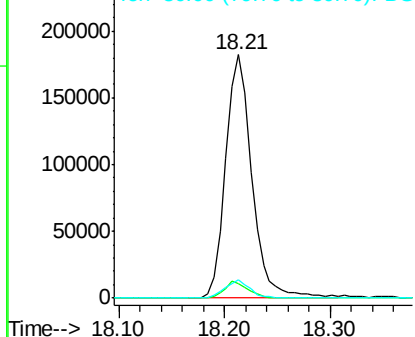
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	7.3	7.7	11.5#

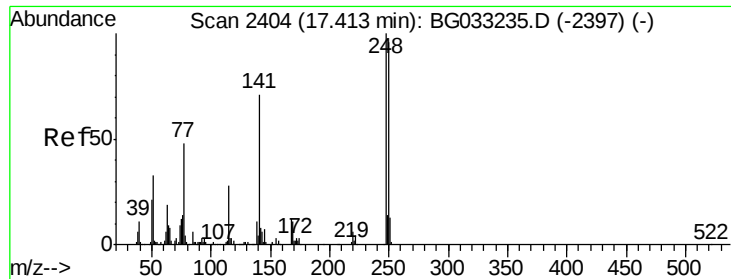


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

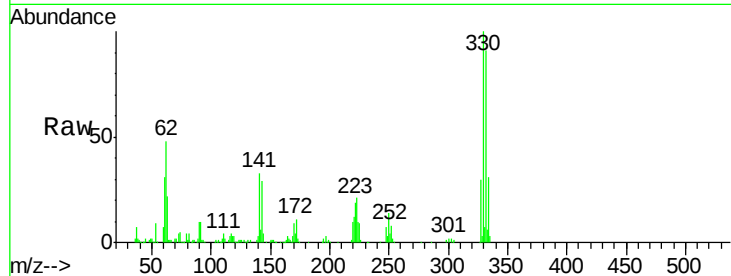




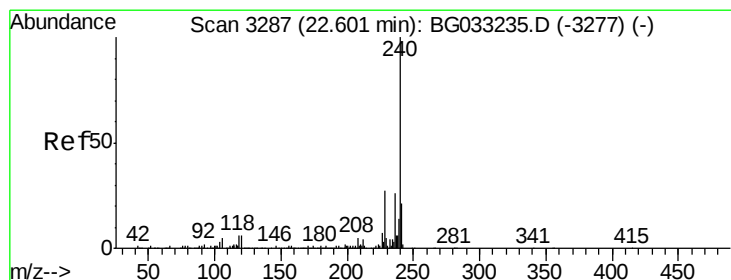
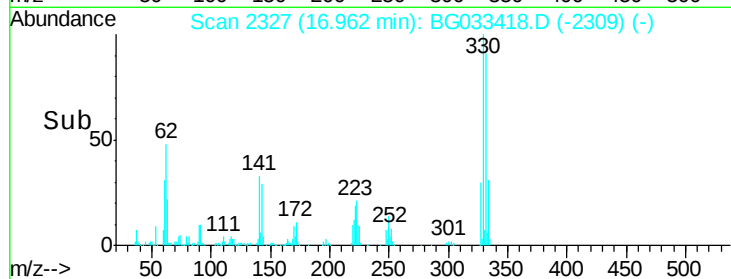
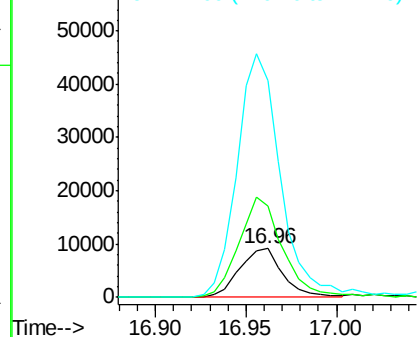
#66
4-Bromophenyl-phenylether
Concen: 4.139 ng
RT: 16.96 min Scan# 2327
Delta R.T. -0.42 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 15292
Ion Ratio Lower Upper
248 100
250 186.2 77.1 115.7#
141 442.2 50.8 76.2#

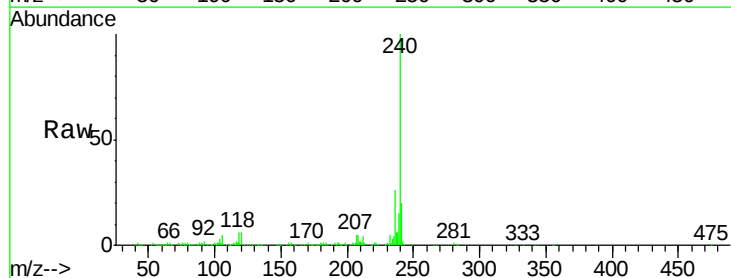


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

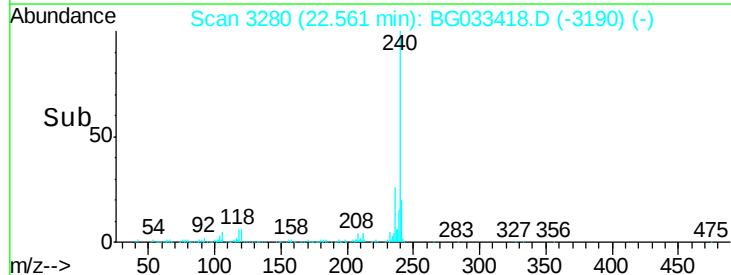
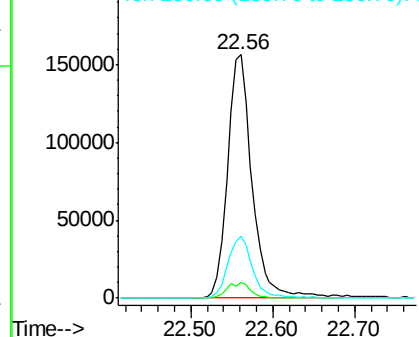


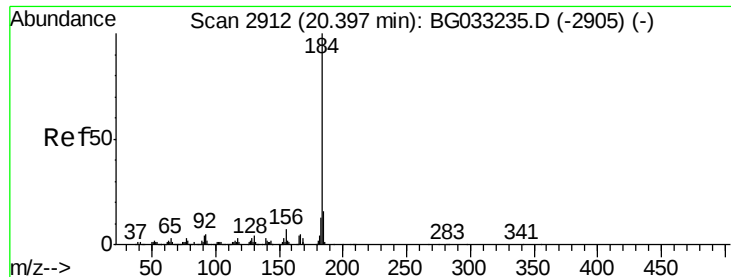
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Tgt Ion:240 Resp: 326267
Ion Ratio Lower Upper
240 100
120 6.4 6.8 10.2#
236 25.6 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: 2.814 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033418.D

Acq: 29 Mar 2018 12:58

Instrument :

BNA_G

ClientSampleId :

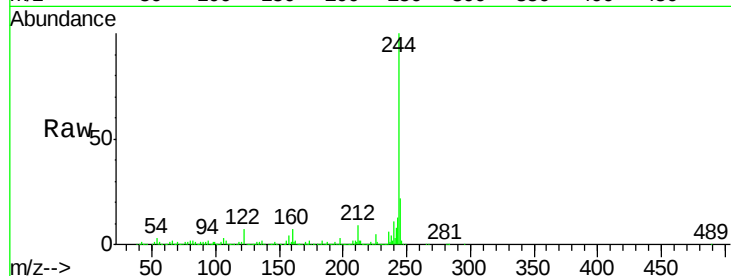
Tot Ion:184 Resp: 24900

Ion Ratio Lower Upper

184 100

185 16.7 11.1 16.7#

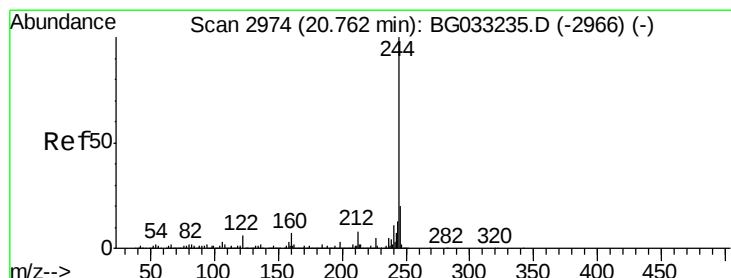
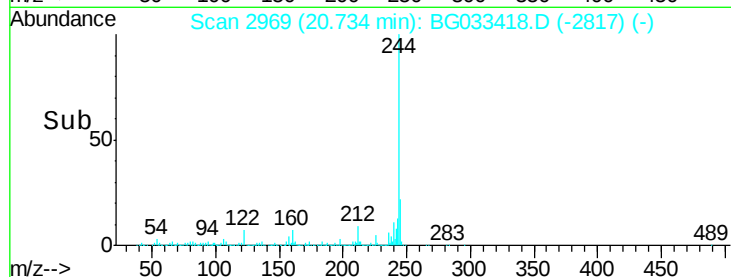
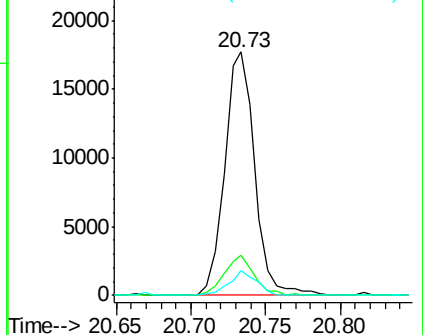
183 10.4 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 95.699 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033418.D

Acq: 29 Mar 2018 12:58

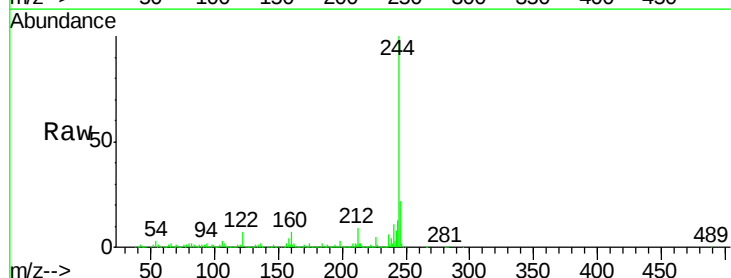
Tgt Ion:244 Resp: 1459985

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

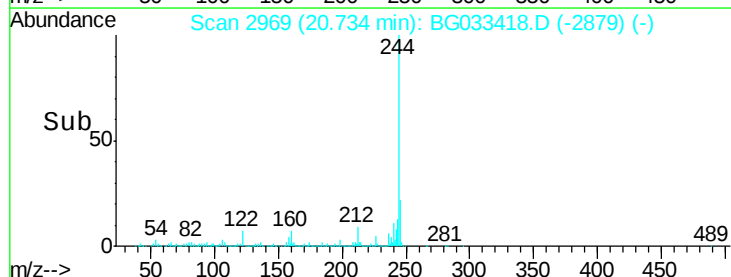
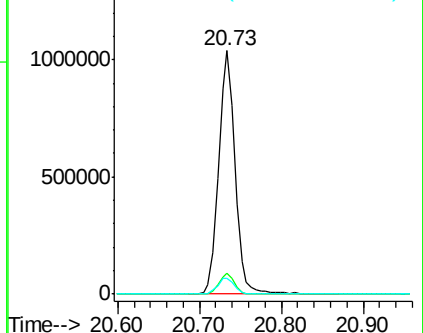
122 6.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BG033418.D
Acq: 29 Mar 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.4	26.0
265	21.5	17.7	26.5

