

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041618\
 Data File : BG033820.D
 Acq On : 16 Apr 2018 17:28
 Operator : SJ/JU
 Sample : J2391-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 16 18:02:10 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 11:44:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	23230	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	115752	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90511	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	258331	20.00	ng	0.00
75) Chrysene-d12	22.55	240	290170	20.00	ng	0.00
86) Perylene-d12	26.32	264	311145	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	49298	39.79	ng	0.00
7) Phenol-d6	8.01	99	31349	14.73	ng	0.02
23) Nitrobenzene-d5	10.06	82	231698	91.97	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138136	102.04	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	624867	99.67	ng	0.00
78) Terphenyl-d14	20.73	244	1419388	104.61	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	3872	2.310	ng	# 47
19) n-Nitroso-di-n-propylamine	10.06	70	25876	16.590	ng	# 83
49) Dimethylphthalate	14.89	163	16468	2.091	ng	# 99
50) 2,6-Dinitrotoluene	15.47	165	11565	7.181	ng	# 20
53) 2,4-Dinitrophenol	15.54	184	58	7.706	ng	# 1
56) 2,4-Dinitrotoluene	15.47	165	11799	4.975	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	10828	3.569	ng	# 1
76) Benzidine	20.73	184	24111	3.064	ng	# 92

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

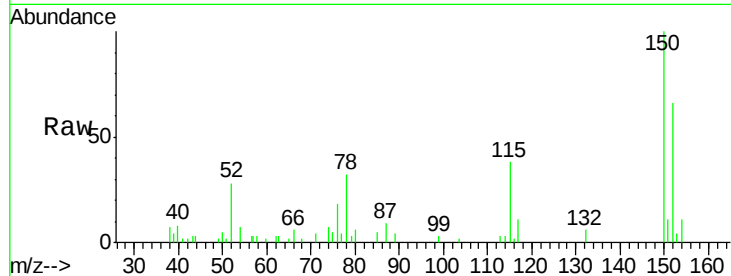


#1

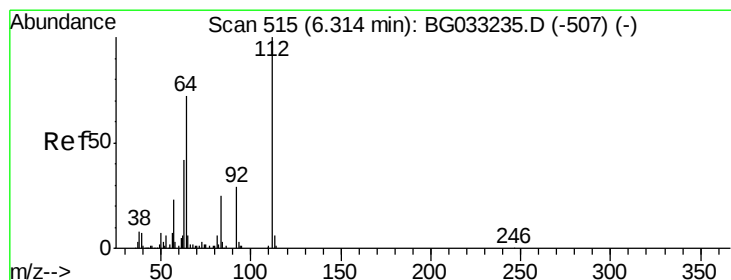
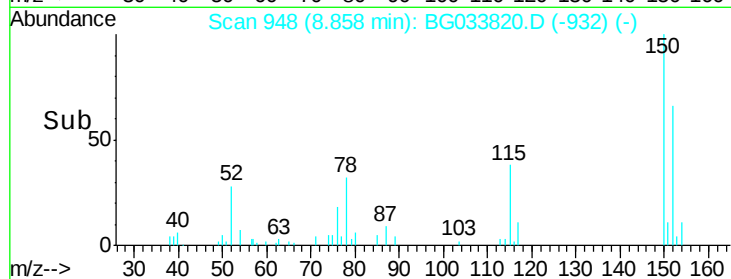
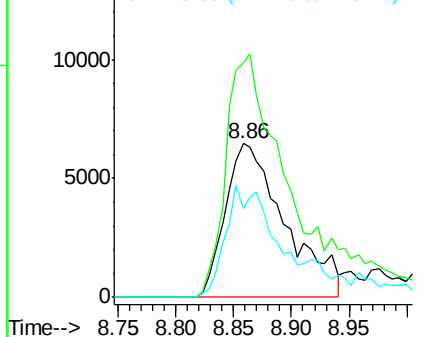
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.6	189.8
115	57.4	53.0	79.4



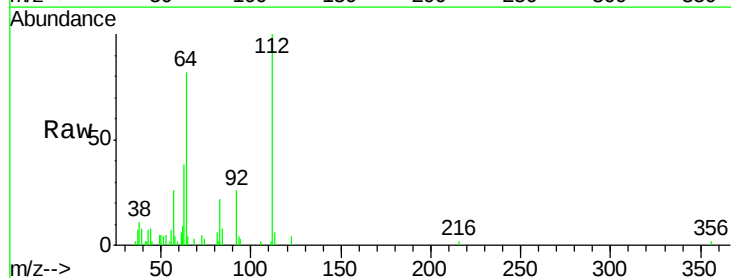
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



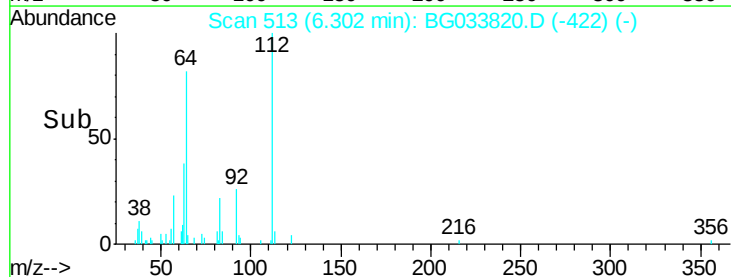
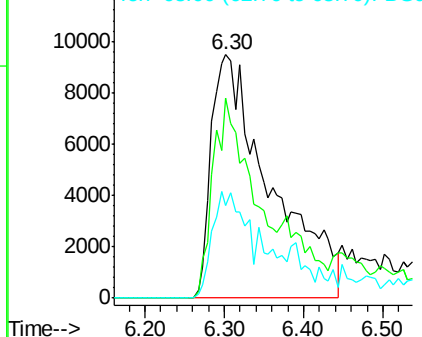
#5

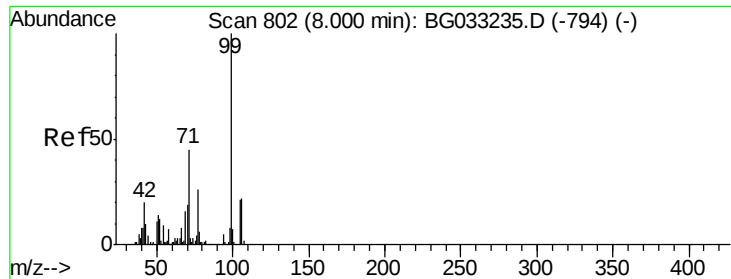
2-Fluorophenol
Concen: 39.793 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	82.1	56.3	84.5
63	38.2	30.1	45.1



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





#7

Phenol-d6

Concen: 14.727 ng

RT: 8.01 min Scan# 803

Delta R.T. 0.02 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

Instrument :

BNA_G

ClientSampleId :

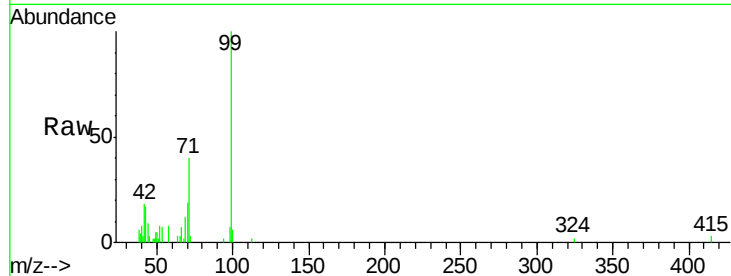
Tot Ion: 99 Resp: 31349

Ion Ratio Lower Upper

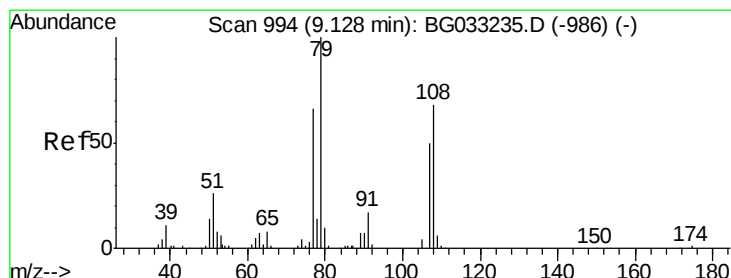
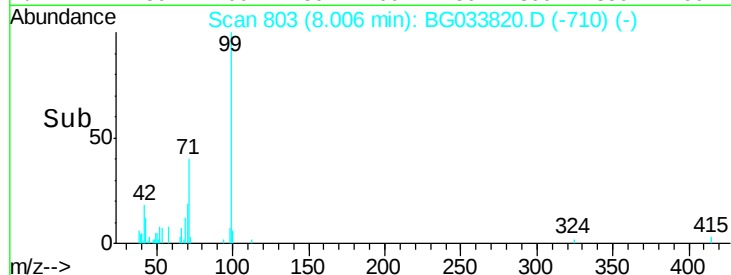
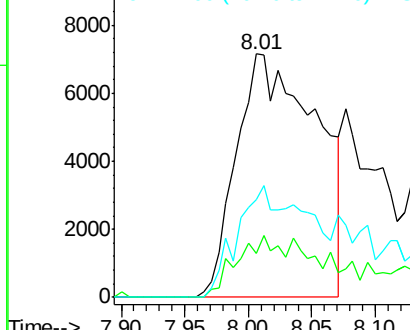
99 100

42 17.8 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



#15

Benzyl Alcohol

Concen: 2.310 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.07 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

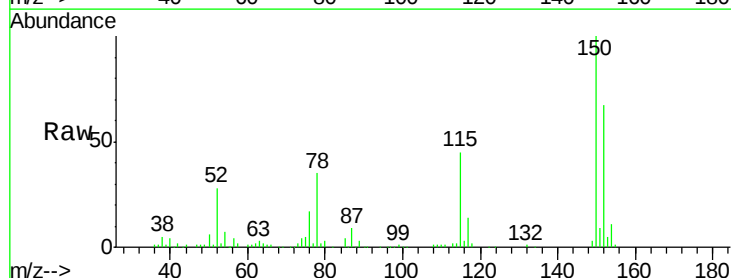
Tgt Ion: 79 Resp: 3872

Ion Ratio Lower Upper

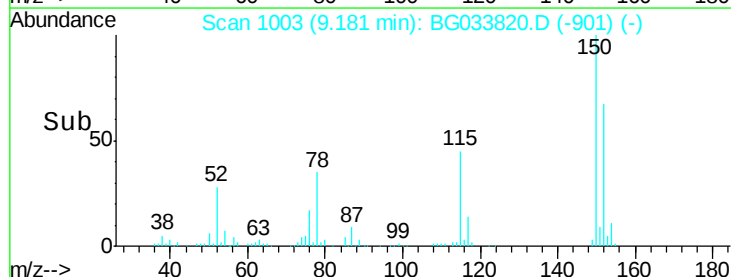
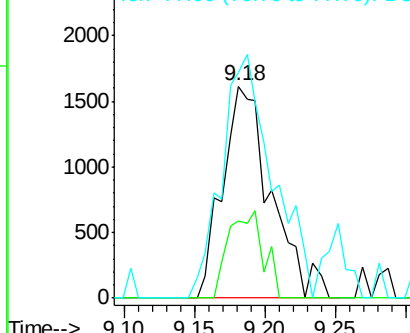
79 100

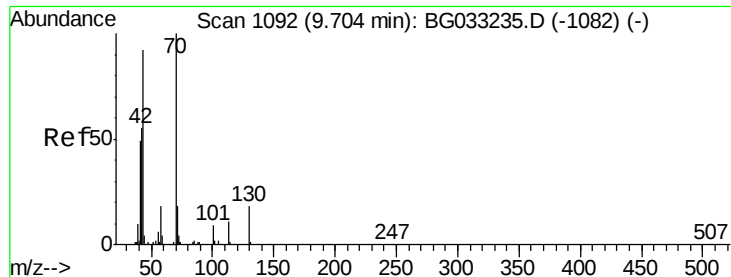
108 36.1 57.2 85.8#

77 106.7 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

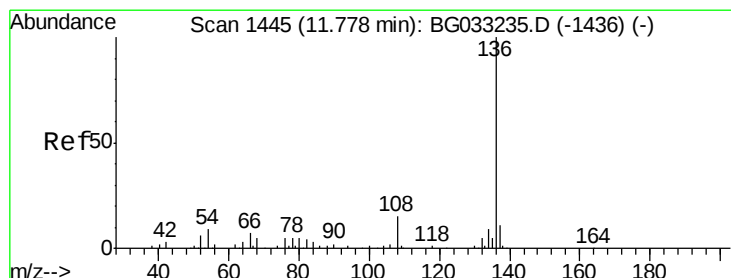
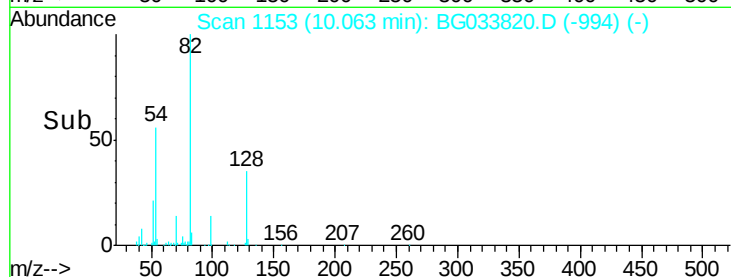
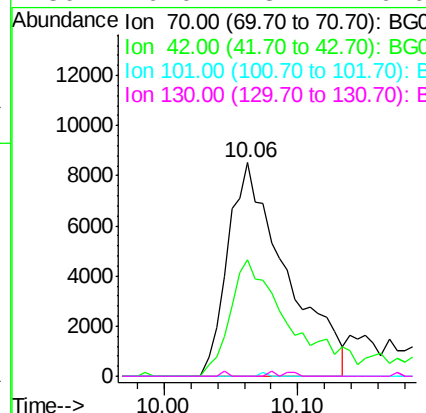
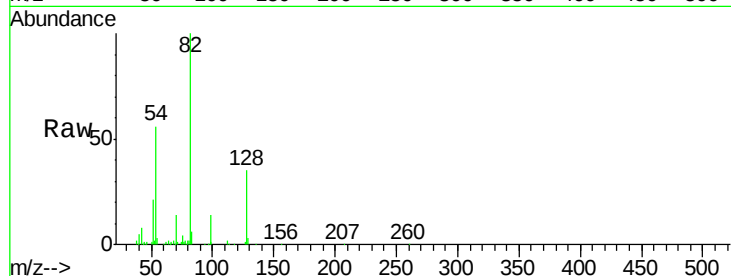




#19
n-Nitroso-di-n-propylamine
Concen: 16.590 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.41 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

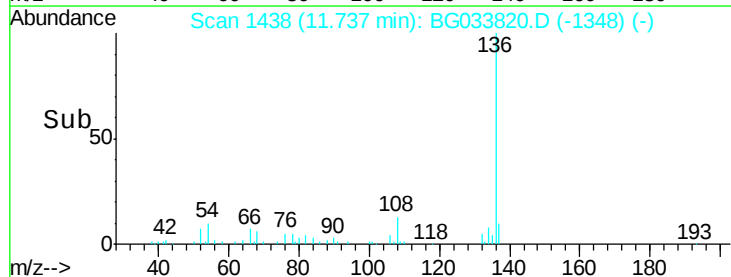
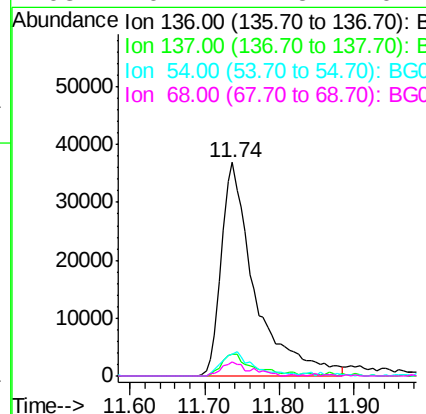
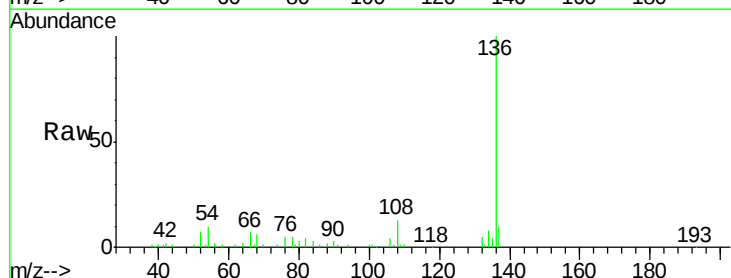
Instrument :
BNA_G
ClientSampleId :

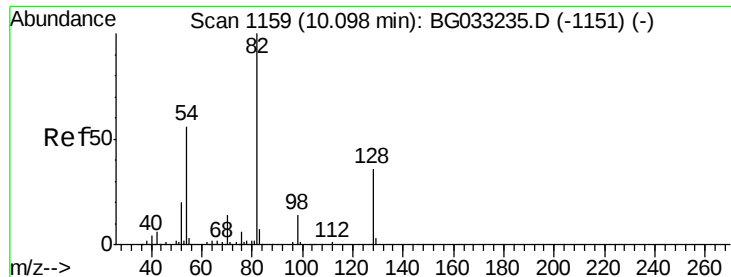
Tot Ion: 70 Resp: 25876
Ion Ratio Lower Upper
70 100
42 54.5 49.1 73.7
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

Tgt Ion: 136 Resp: 115752
Ion Ratio Lower Upper
136 100
137 10.3 9.2 13.8
54 10.4 10.3 15.5
68 6.4 4.5 6.7





#23

Nitrobenzene-d5

Concen: 91.965 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

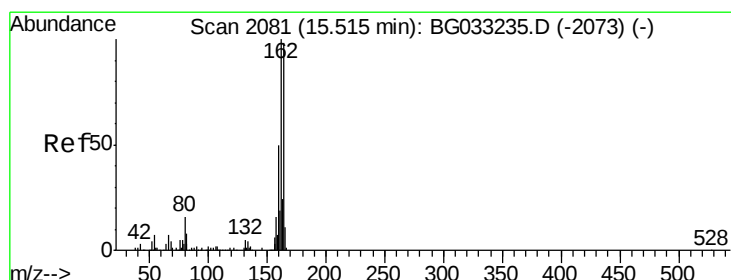
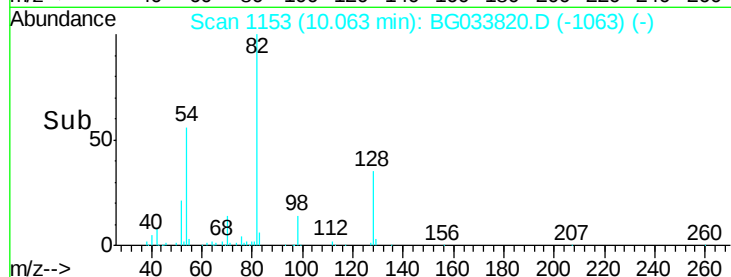
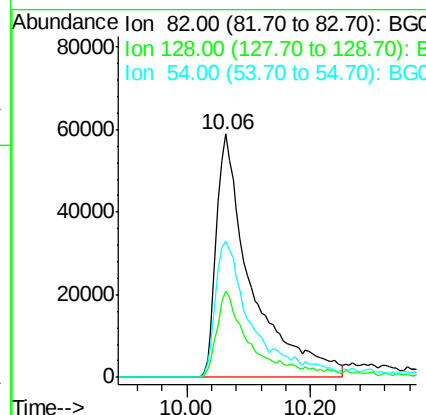
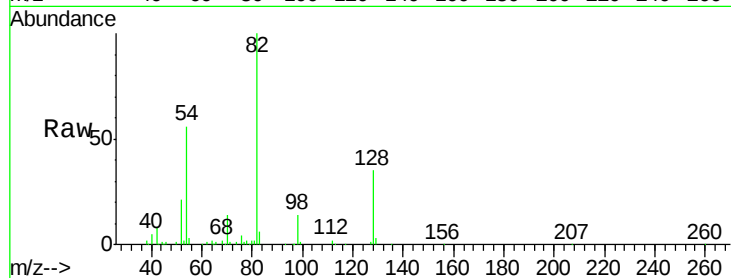
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 82 Resp: 231698

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	55.9	43.1	64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2073

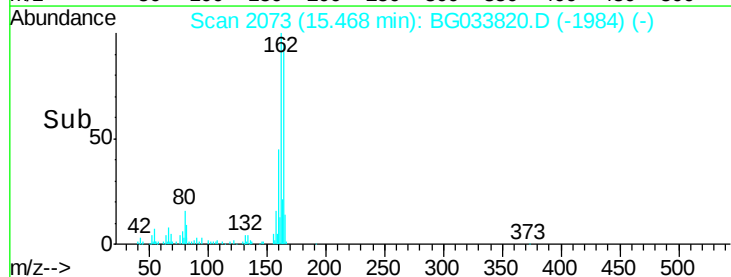
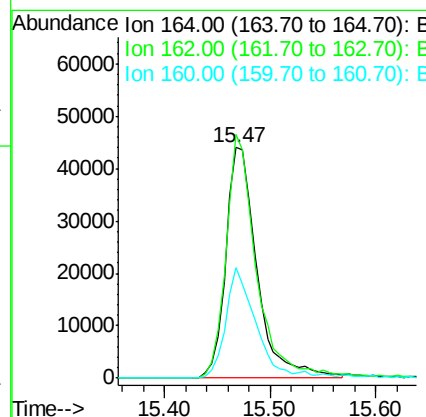
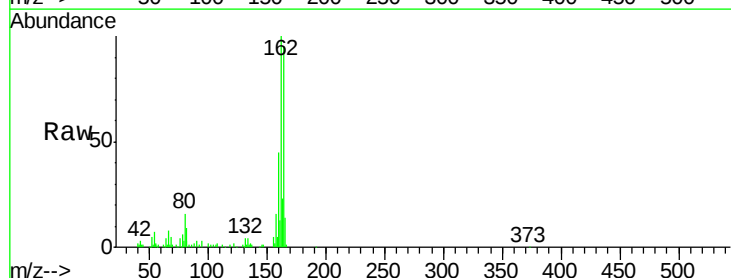
Delta R.T. -0.01 min

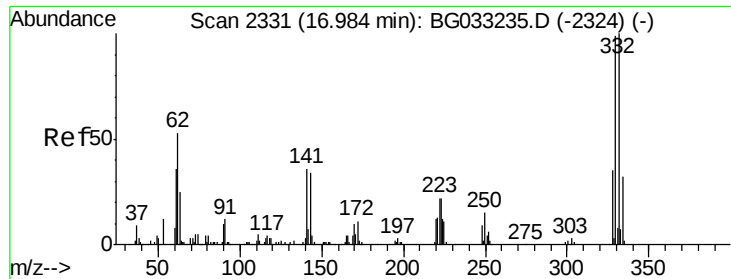
Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

Tgt Ion: 164 Resp: 90511

Ion	Ratio	Lower	Upper
164	100		
162	105.7	78.8	118.2
160	47.9	35.4	53.0

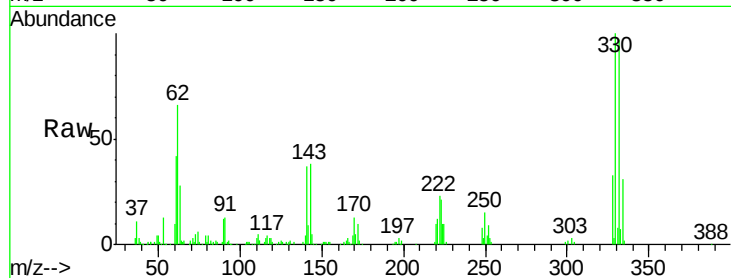




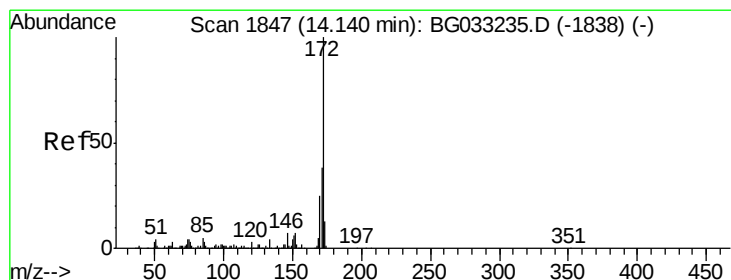
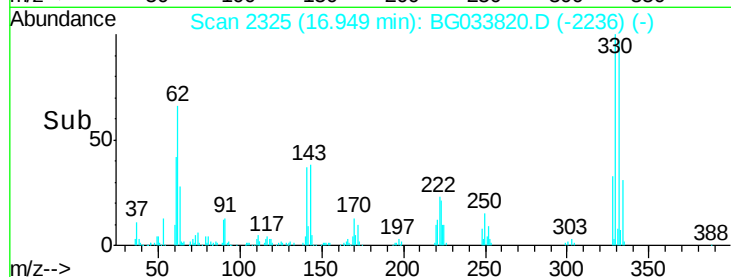
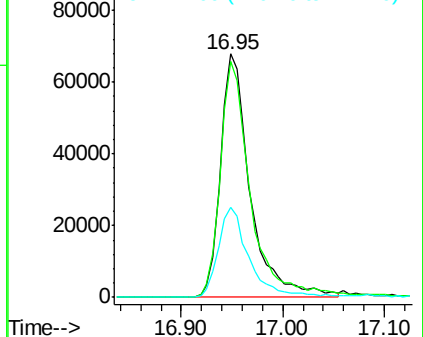
#41
 2,4,6-Tribromophenol
 Concen: 102.043 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.01 min
 Lab File: BG033820.D
 Acq: 16 Apr 2018 17:28

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	38.8	25.2	37.8#

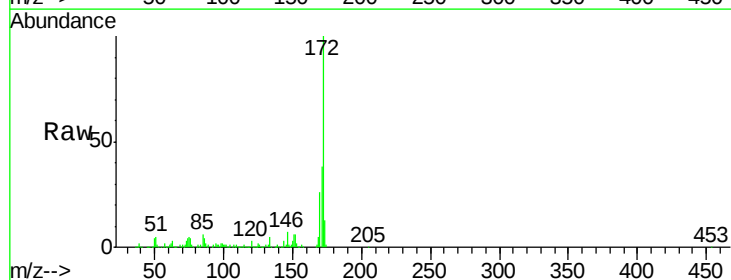


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

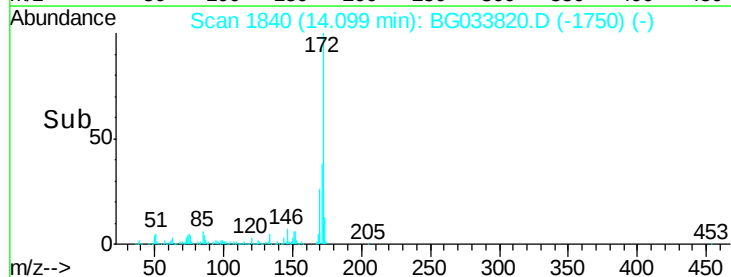
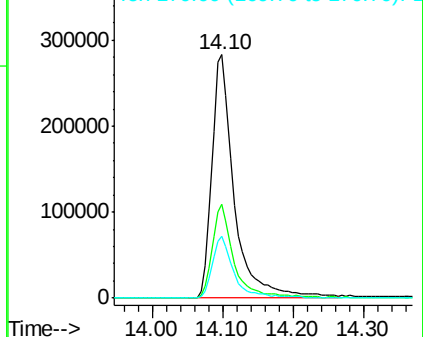


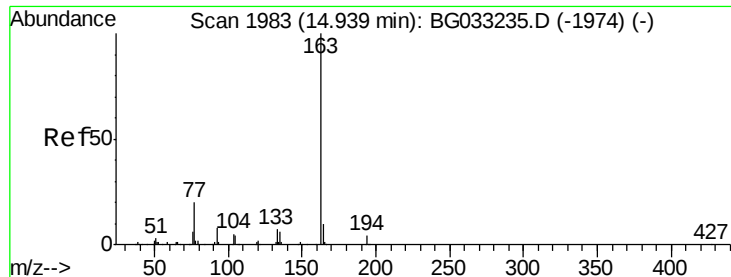
#44
 2-Fluorobiphenyl
 Concen: 99.665 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033820.D
 Acq: 16 Apr 2018 17:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.5	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





#49

Dimethylphthalate

Concen: 2.091 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033820.D

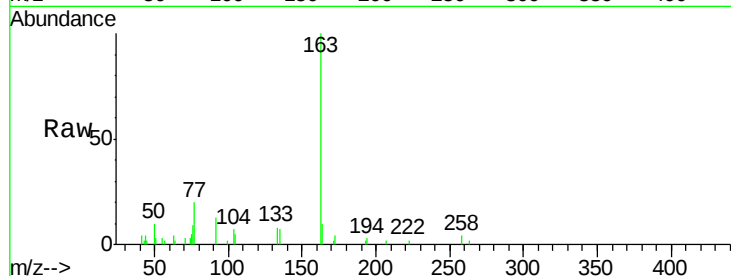
Acq: 16 Apr 2018 17:28

Instrument :

BNA_G

ClientSampled :

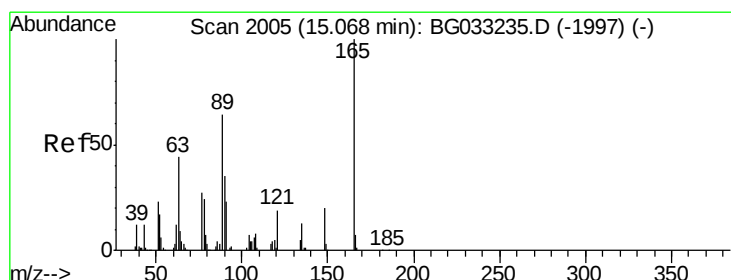
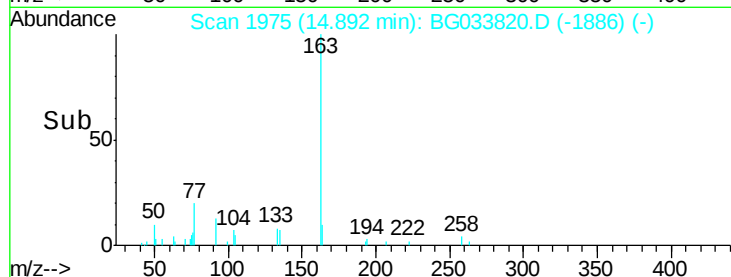
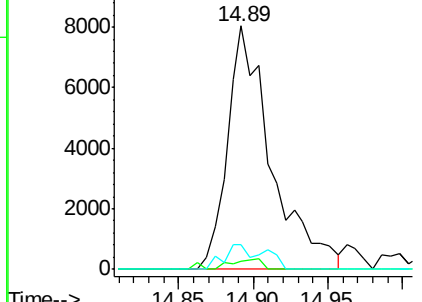
Tot Ion:163	Resp:	16468
Ion Ratio	Lower	Upper
163	100	
194	3.1	3.4 5.2#
164	10.2	8.2 12.4



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: 7.181 ng

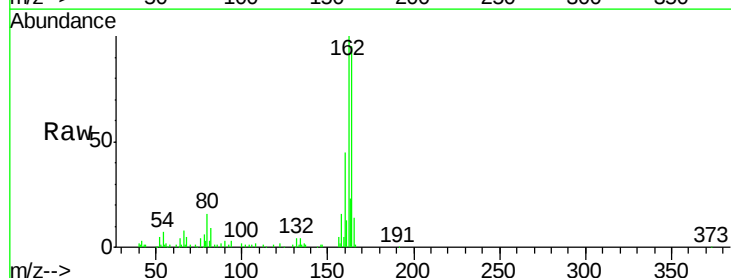
RT: 15.47 min Scan# 2073

Delta R.T. 0.43 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

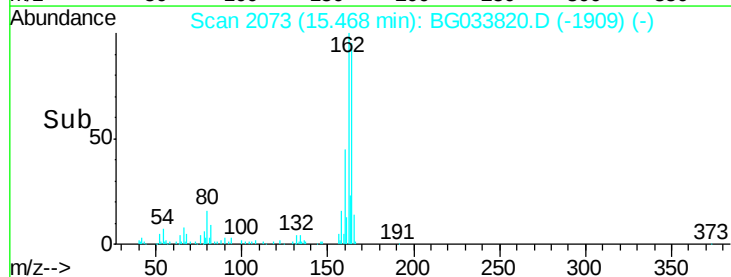
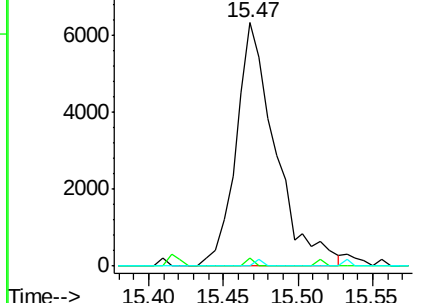
Tgt Ion:165	Resp:	11565
Ion Ratio	Lower	Upper
165	100	
63	3.1	52.7 79.1#
89	0.0	49.2 73.8#

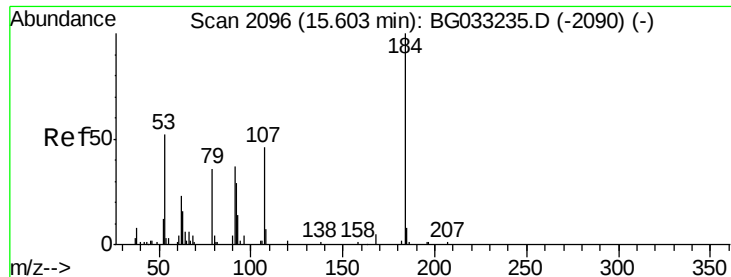


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

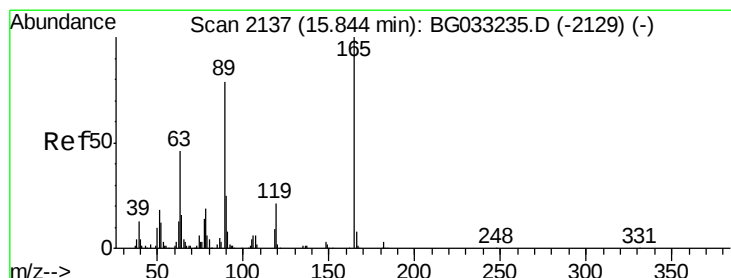
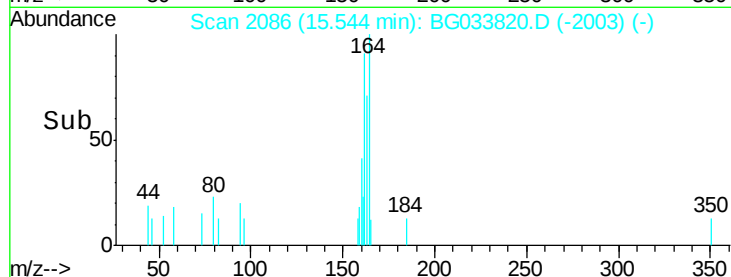
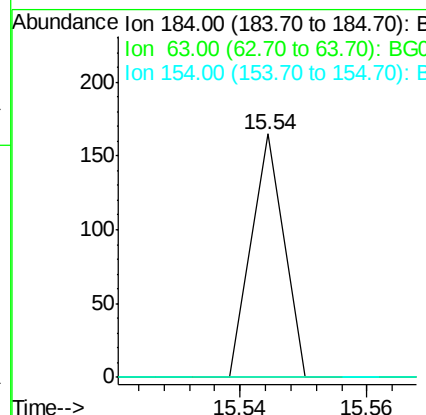
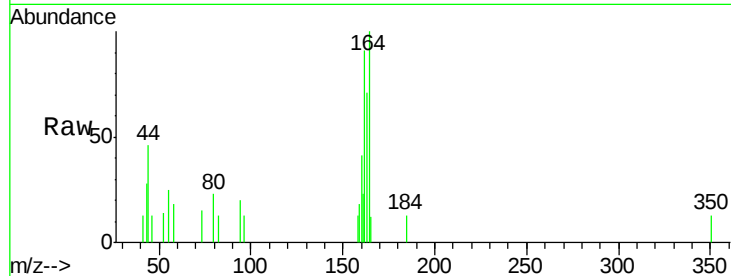




#53
 2,4-Dinitrophenol
 Concen: 7.706 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.04 min
 Lab File: BG033820.D
 Acq: 16 Apr 2018 17:28

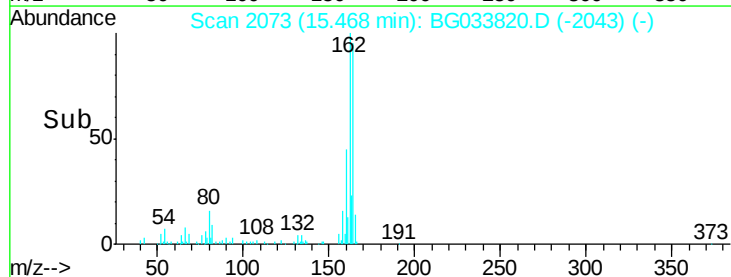
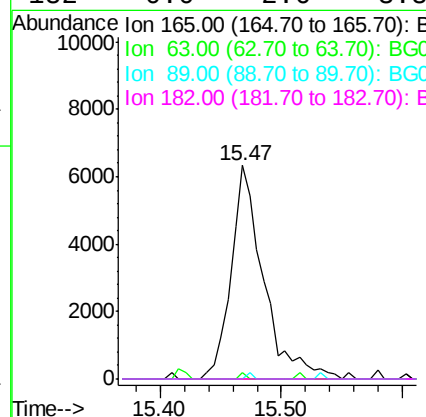
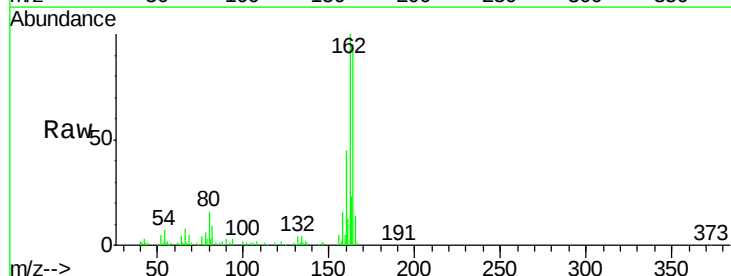
Instrument :
 BNA_G
 ClientSampleId :

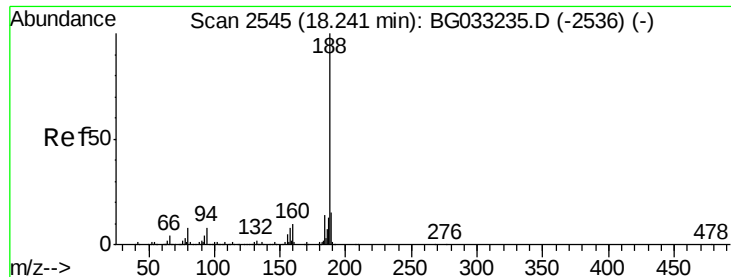
Tot Ion:184 Resp: 58
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.975 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.35 min
 Lab File: BG033820.D
 Acq: 16 Apr 2018 17:28

Tgt Ion:165 Resp: 11799
 Ion Ratio Lower Upper
 165 100
 63 3.1 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

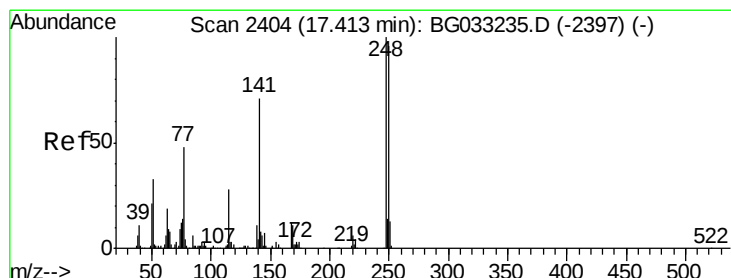
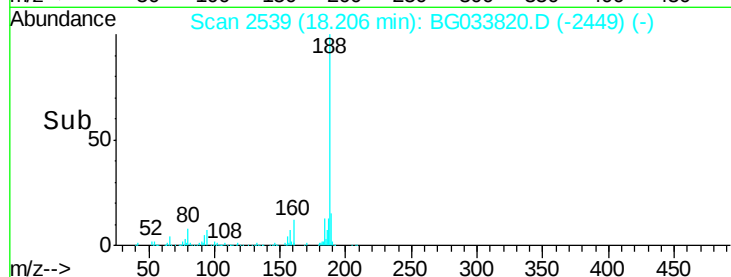
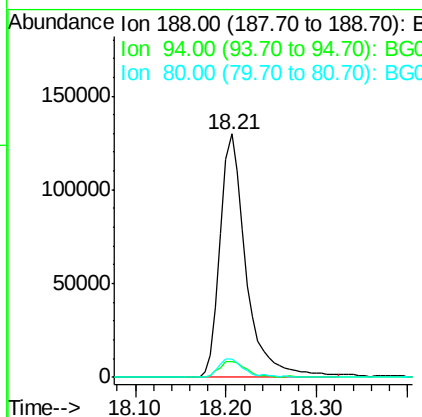
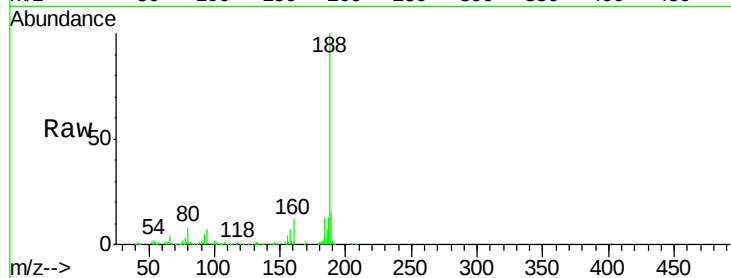




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

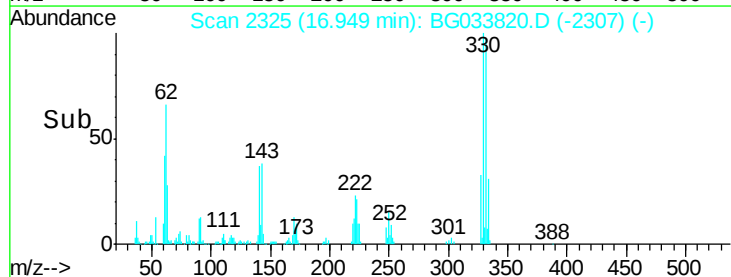
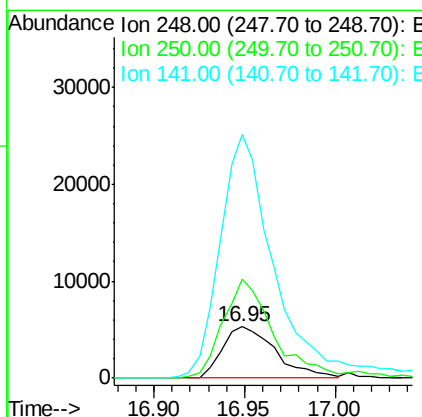
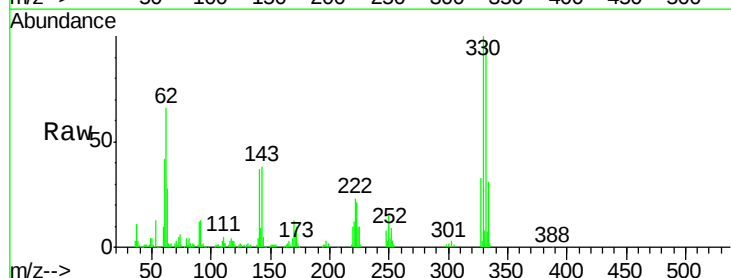
Instrument :
BNA_G
ClientSampleId :

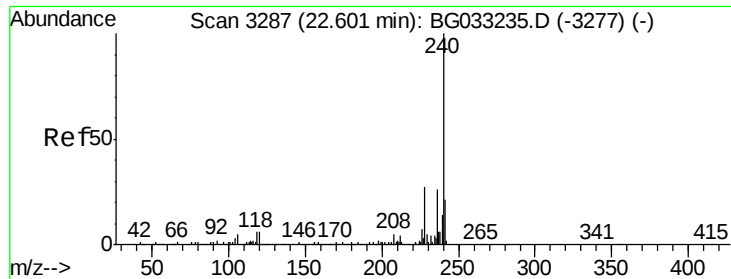
Tot Ion	Ratio	Lower	Upper
188	100		
94	6.7	6.9	10.3#
80	7.6	7.7	11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.569 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.42 min
Lab File: BG033820.D
Acq: 16 Apr 2018 17:28

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.8	77.1	115.7#
141	474.8	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

Instrument :

BNA_G

ClientSampleId :

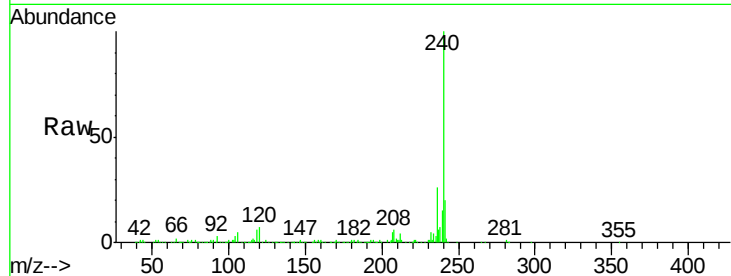
Tot Ion:240 Resp: 290170

Ion Ratio Lower Upper

240 100

120 7.4 6.8 10.2

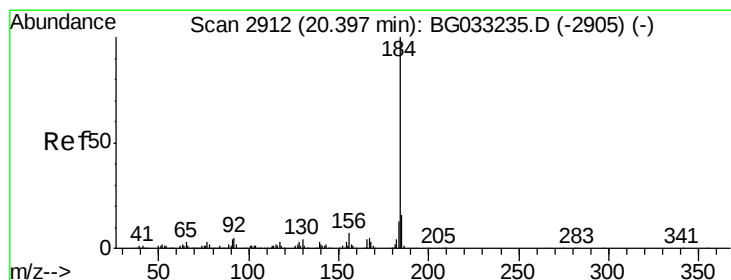
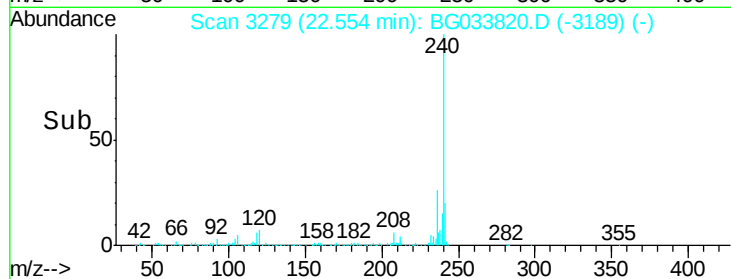
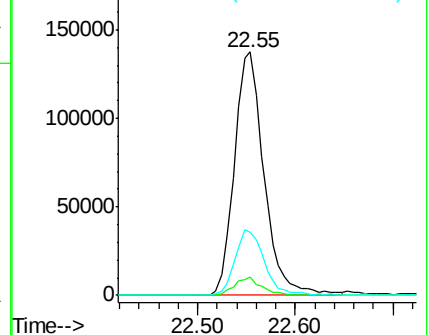
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 3.064 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.35 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

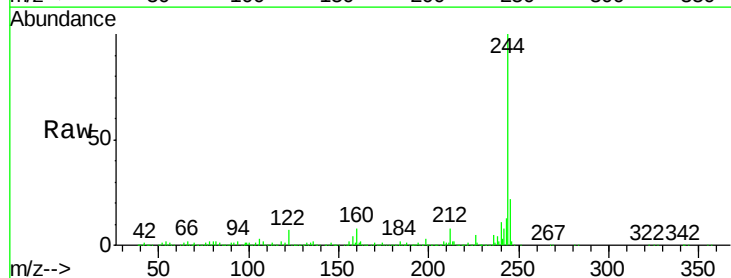
Tgt Ion:184 Resp: 24111

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

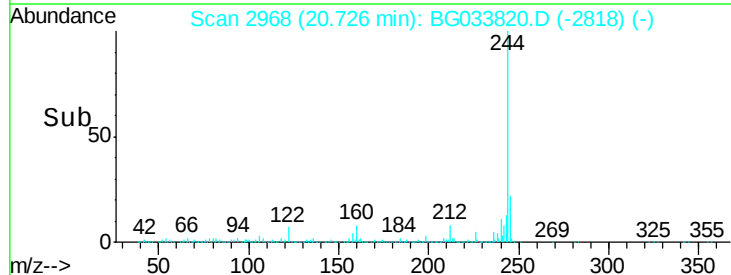
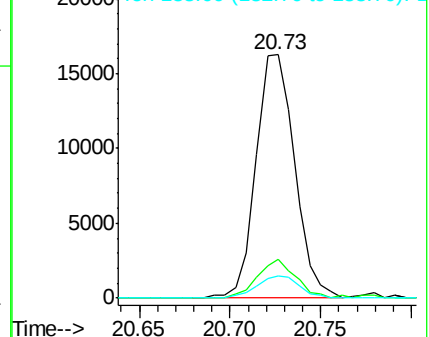
183 9.1 10.6 16.0#

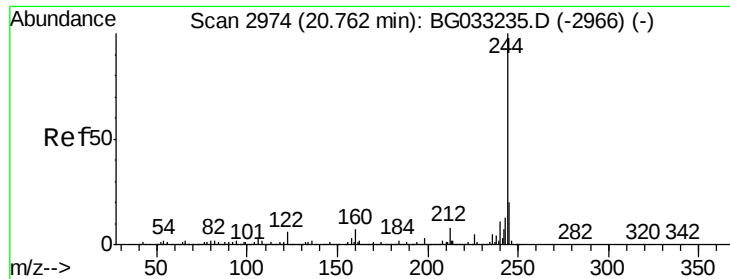


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 104.612 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

Instrument :

BNA_G

ClientSampleId :

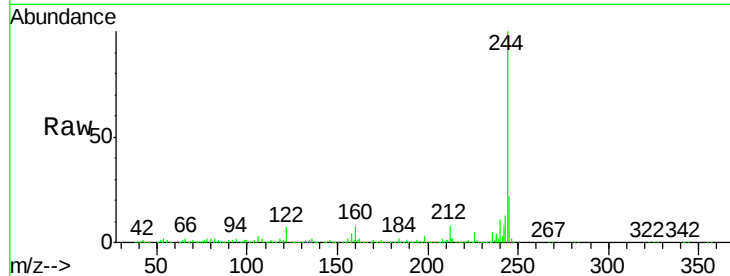
Tot Ion:244 Resp: 1419388

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

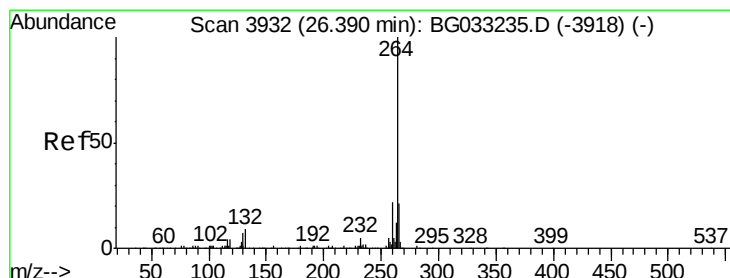
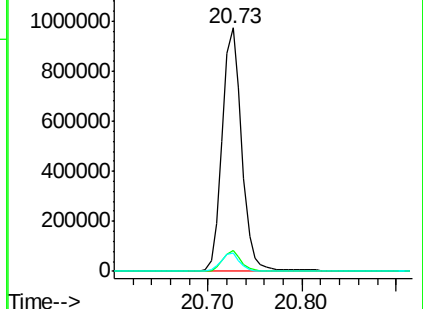
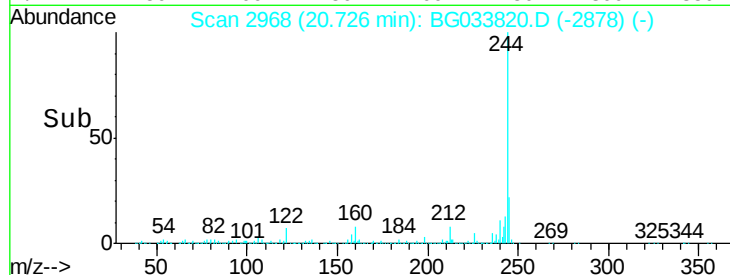
122 7.4 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.32 min Scan# 3920

Delta R.T. -0.01 min

Lab File: BG033820.D

Acq: 16 Apr 2018 17:28

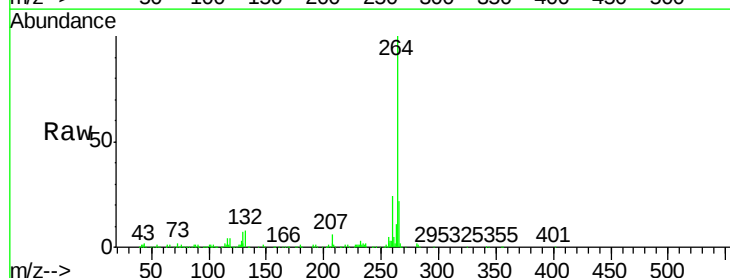
Tgt Ion:264 Resp: 311145

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 22.5 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

