

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033432.D
 Acq On : 29 Mar 2018 22:43
 Operator : SJ/JU
 Sample : J2086-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:41:21 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

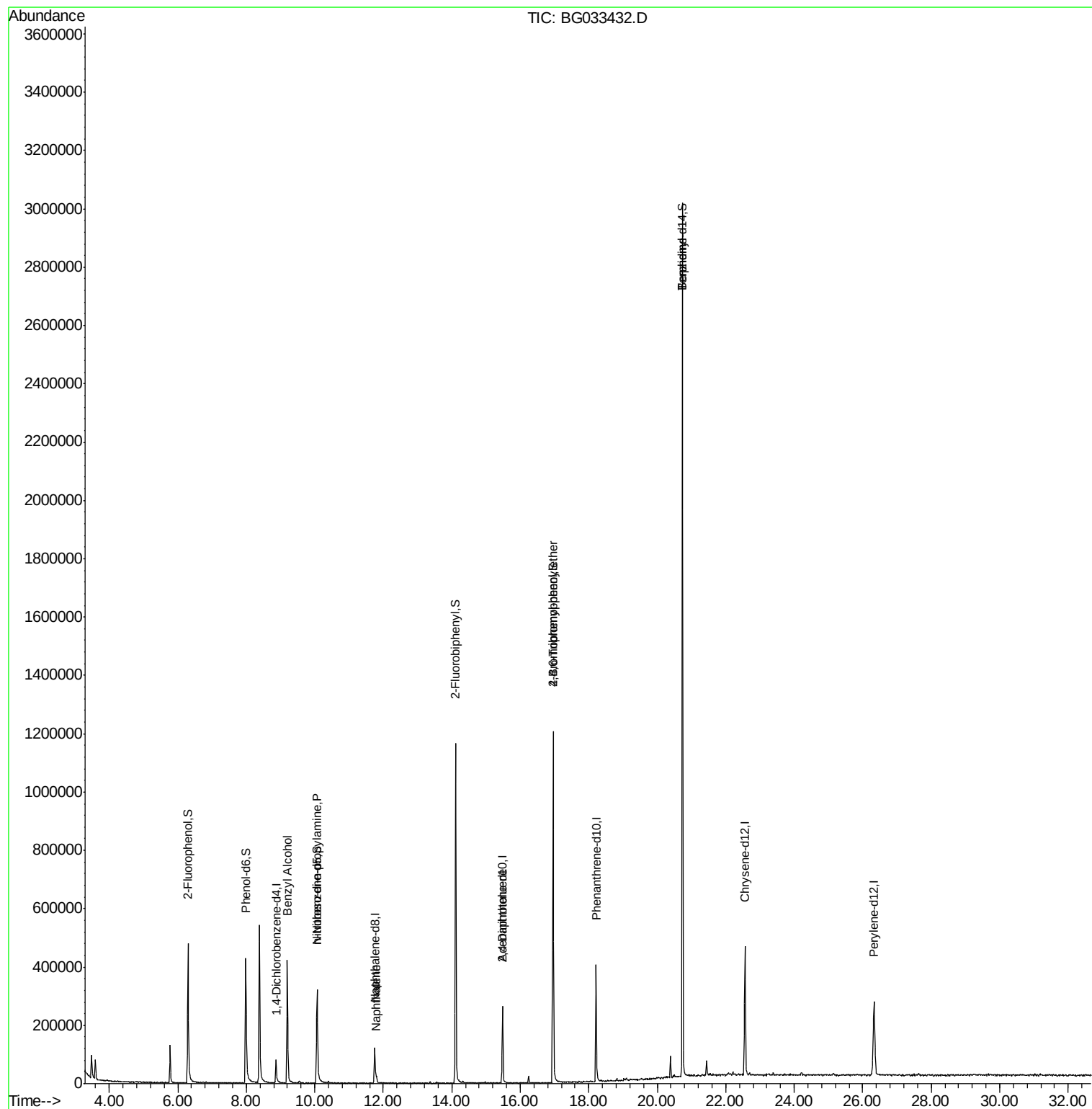
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28201	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	119395	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	97665	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	302783	20.00	ng	0.00
75) Chrysene-d12	22.56	240	325146	20.00	ng	0.00
86) Perylene-d12	26.33	264	351996	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	231198	153.73	ng	0.00
7) Phenol-d6	7.98	99	318731	123.34	ng	0.00
23) Nitrobenzene-d5	10.07	82	259602	99.90	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	254451	174.20	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	661039	97.71	ng	0.00
78) Terphenyl-d14	20.74	244	1525311	100.33	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	4452	2.188	ng	# 43
19) n-Nitroso-di-n-propylamine	10.07	70	35152	18.564	ng	# 68
31) Naphthalene	11.80	128	17096	2.763	ng	# 90
56) 2,4-Dinitrotoluene	15.48	165	11730	4.584	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	18820	5.293	ng	# 1
76) Benzidine	20.74	184	25829	2.929	ng	96

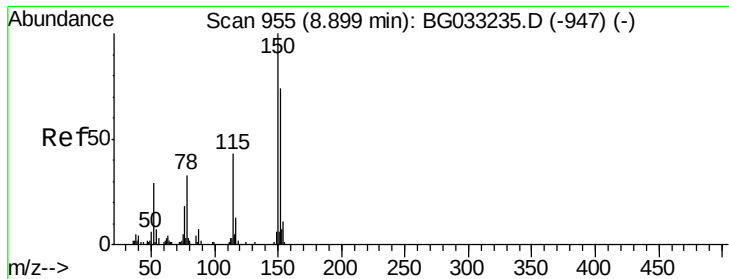
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033432.D
Acq On : 29 Mar 2018 22:43
Operator : SJ/JU
Sample : J2086-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 30 07:41:21 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



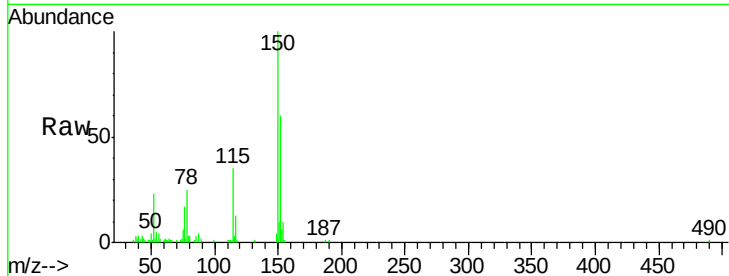


#1

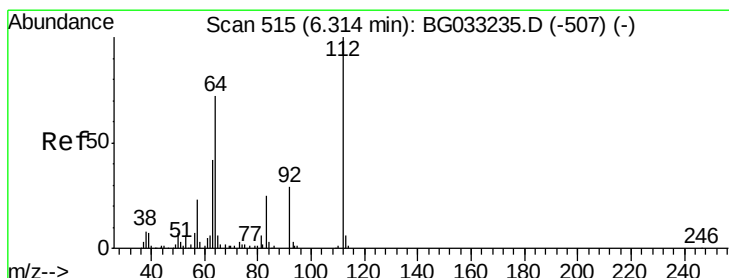
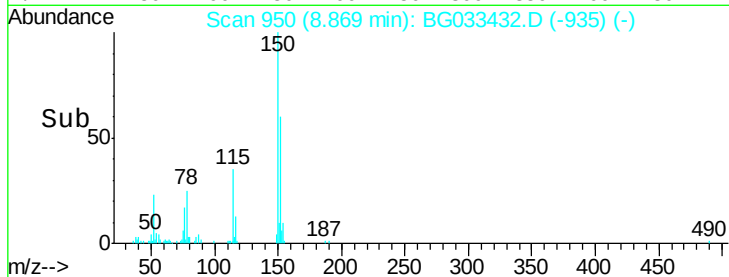
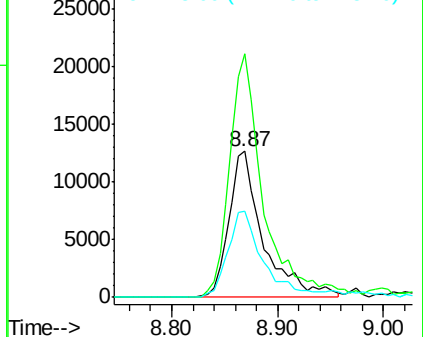
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	166.5	126.6	189.8
115	58.8	53.0	79.4



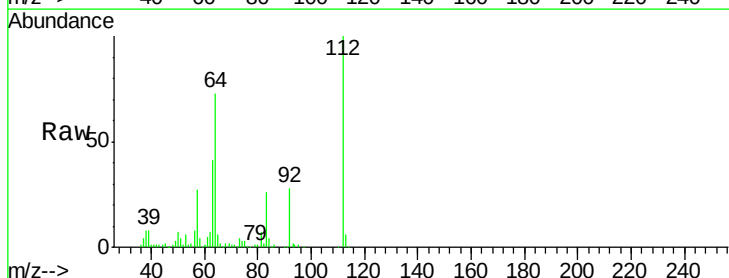
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



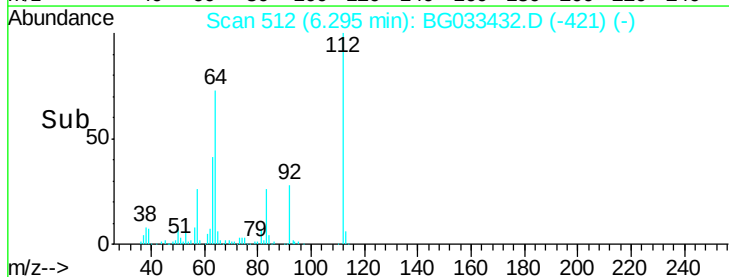
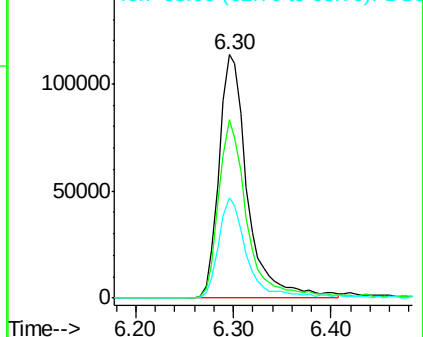
#5

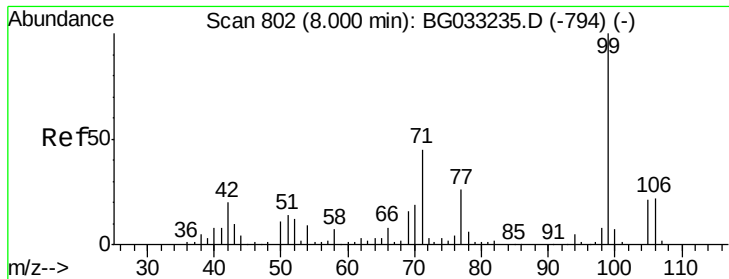
2-Fluorophenol
Concen: 153.726 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.3	56.3	84.5
63	41.0	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: 123.343 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

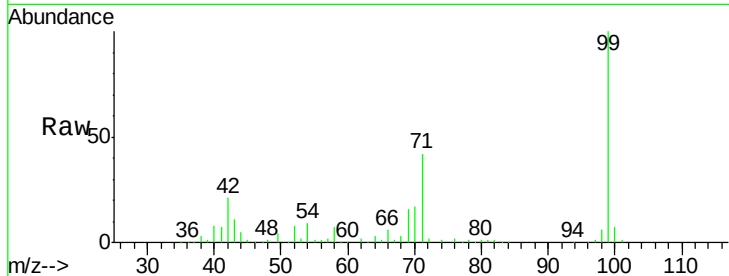
Tot Ion: 99 Resp: 318731

Ion Ratio Lower Upper

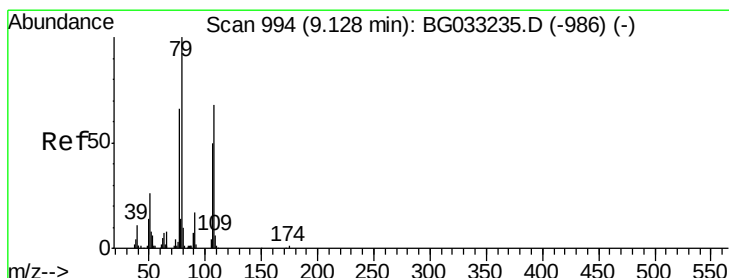
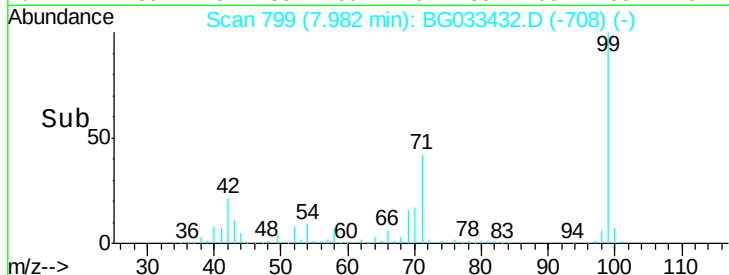
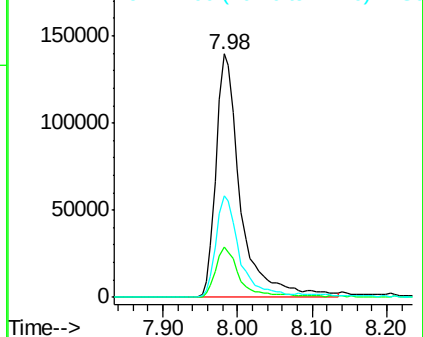
99 100

42 20.8 14.1 21.1

71 41.7 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: 2.188 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

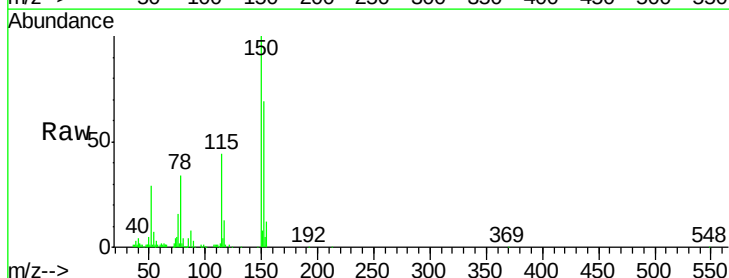
Tgt Ion: 79 Resp: 4452

Ion Ratio Lower Upper

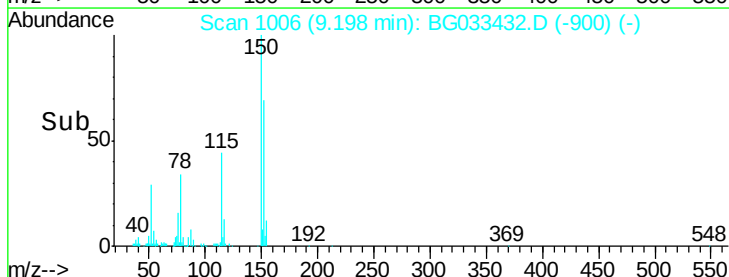
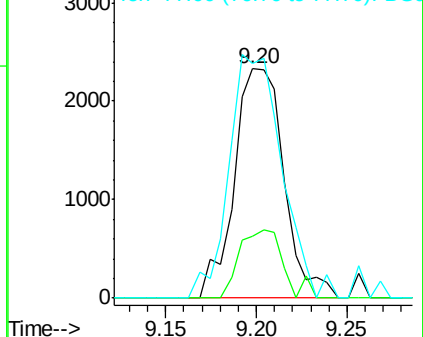
79 100

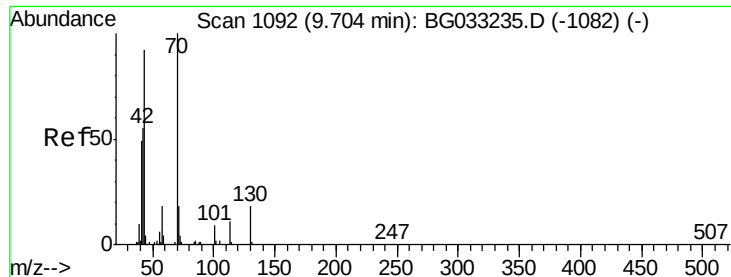
108 27.0 57.2 85.8#

77 102.2 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

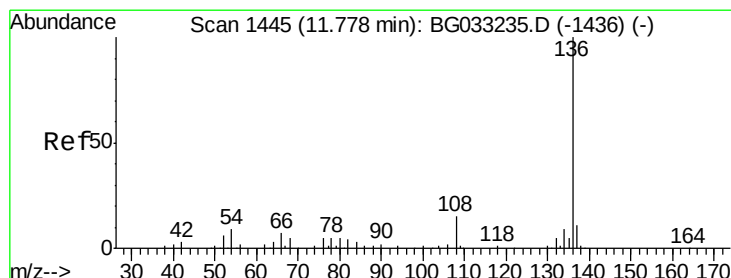
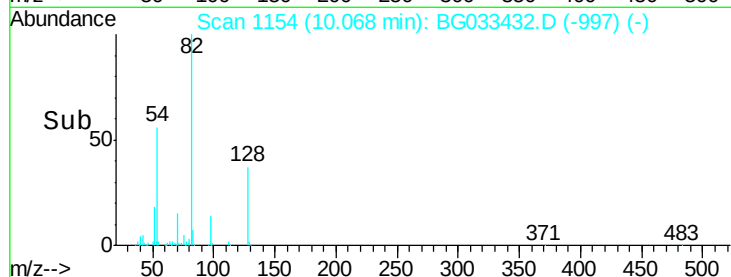
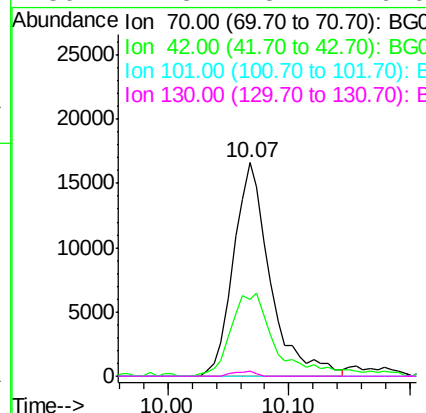
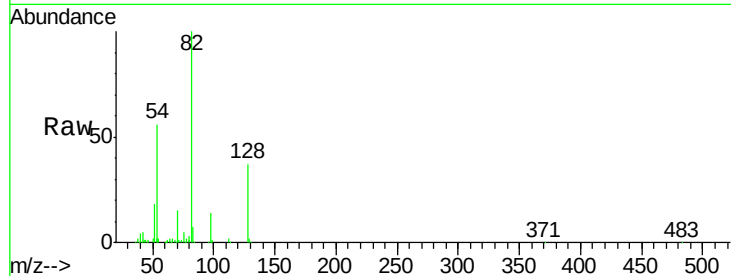




#19
n-Nitroso-di-n-propylamine
Concen: 18.564 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.39 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

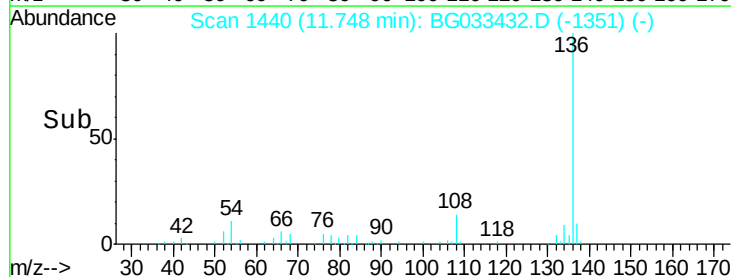
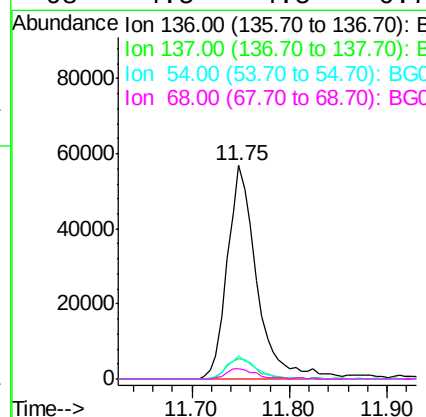
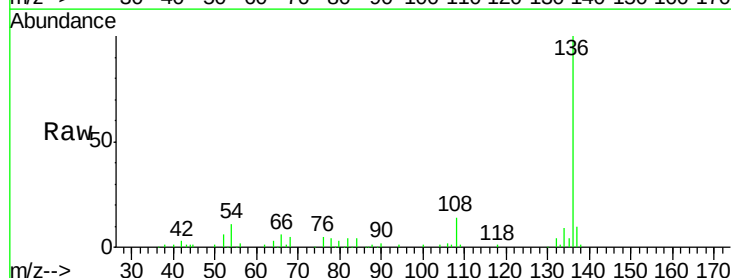
Instrument :
BNA_G
ClientSampled :

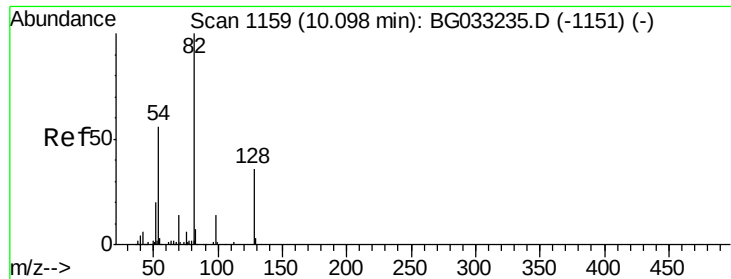
Tot Ion: 70 Resp: 35152
Ion Ratio Lower Upper
70 100
42 36.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion: 136 Resp: 119395
Ion Ratio Lower Upper
136 100
137 9.6 9.2 13.8
54 10.5 10.3 15.5
68 4.5 4.5 6.7

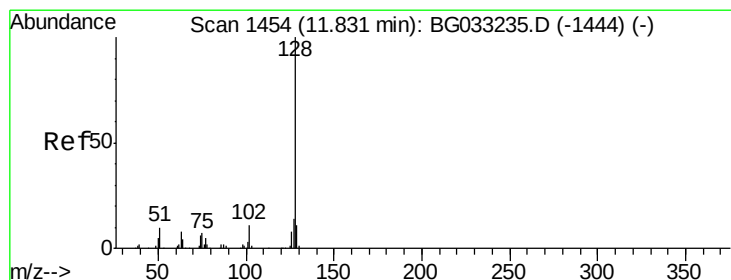
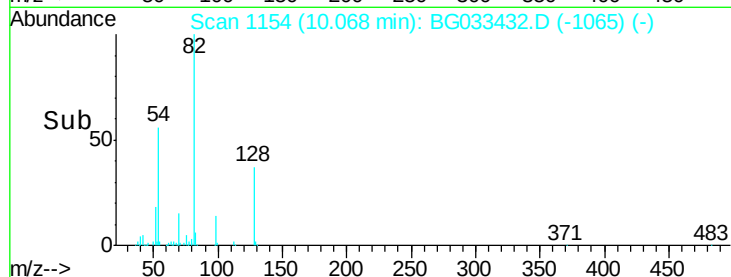
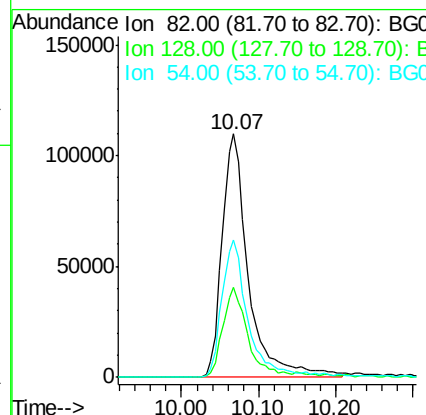
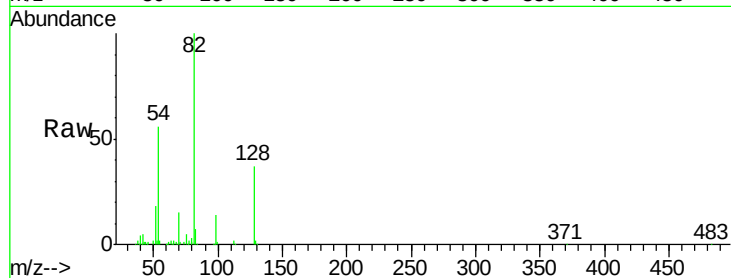




#23
Nitrobenzene-d5
Concen: 99.897 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

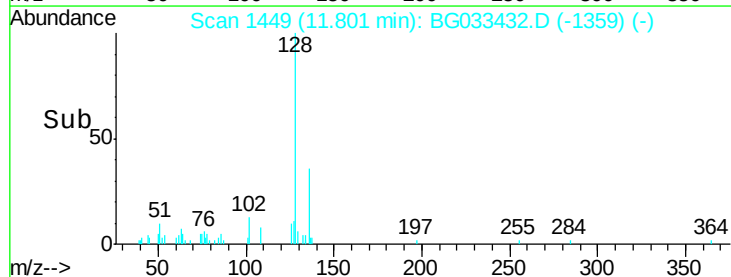
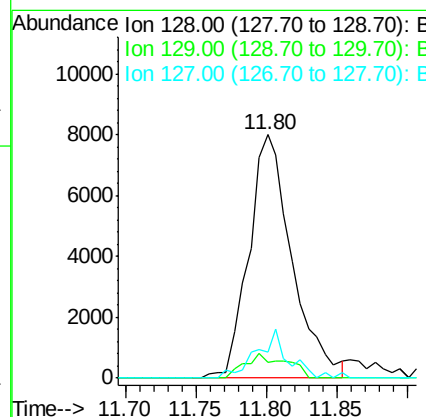
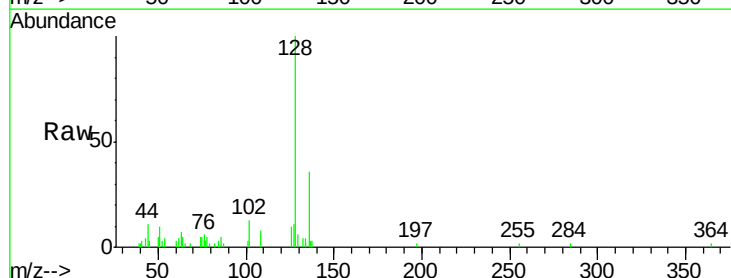
Instrument :
BNA_G
ClientSampled :

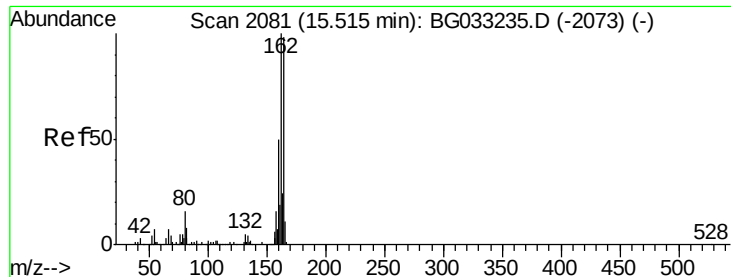
Tot Ion	82	Resp	259602
Ion Ratio	Lower	Upper	
82	100		
128	36.9	29.7	44.5
54	56.3	43.1	64.7



#31
Naphthalene
Concen: 2.763 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion	128	Resp	17096
Ion Ratio	Lower	Upper	
128	100		
129	6.3	8.6	12.8#
127	10.6	11.6	17.4#

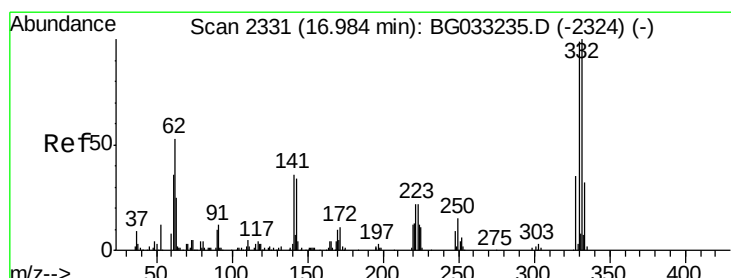
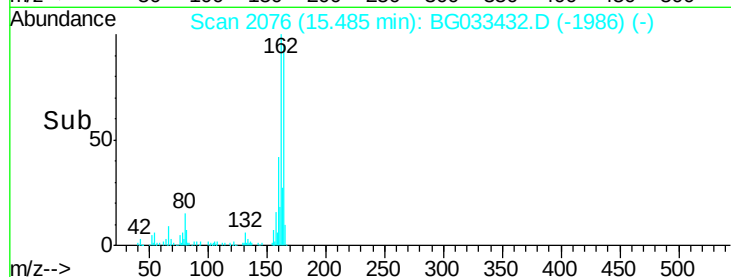
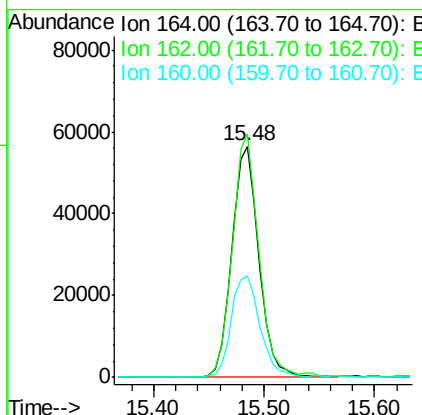
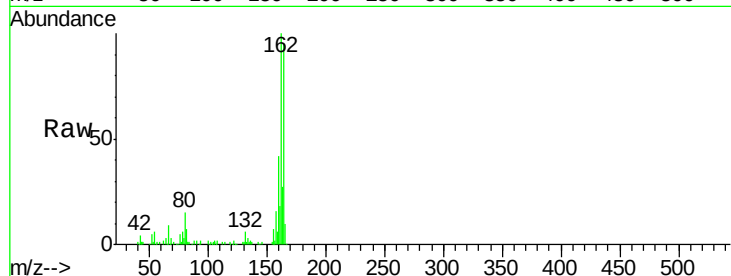




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

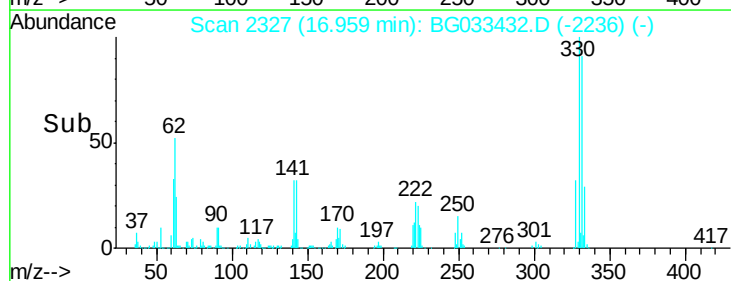
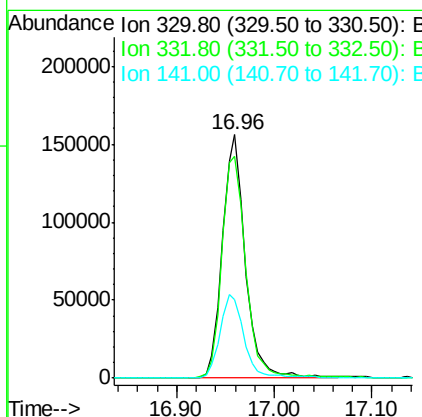
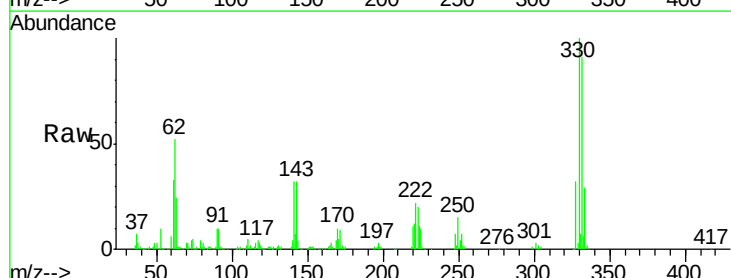
Instrument :
BNA_G
ClientSampleId :

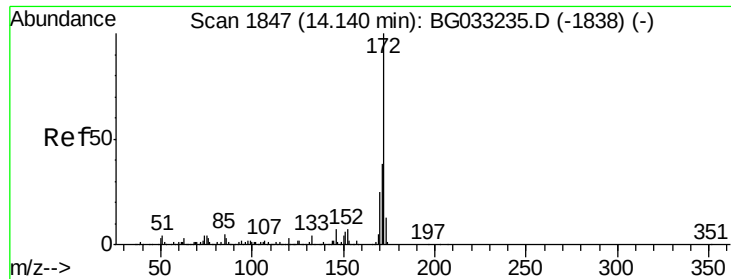
Tot Ion:164 Resp: 97665
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 44.0 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 174.199 ng
RT: 16.96 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion:330 Resp: 254451
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 35.9 25.2 37.8

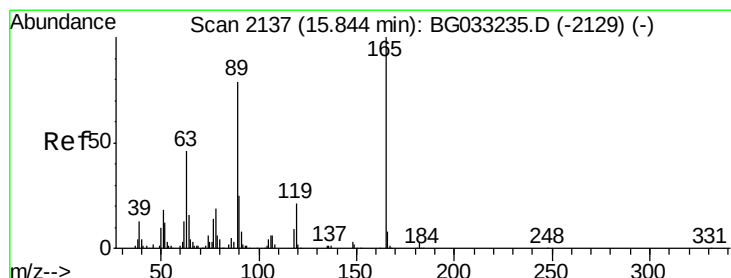
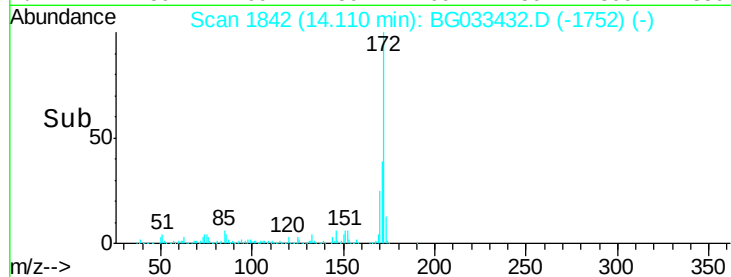
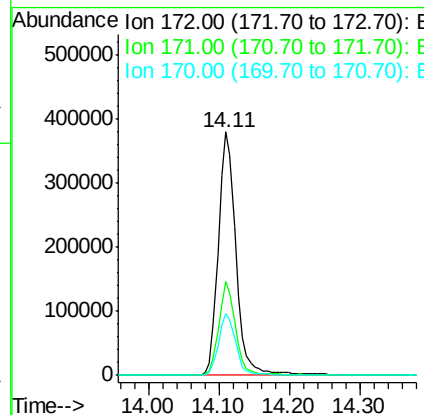
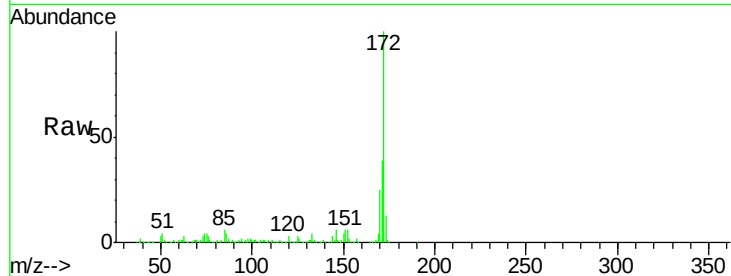




#44
2-Fluorobiphenyl
Concen: 97.711 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

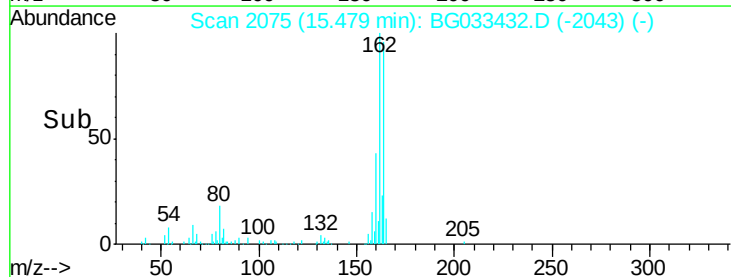
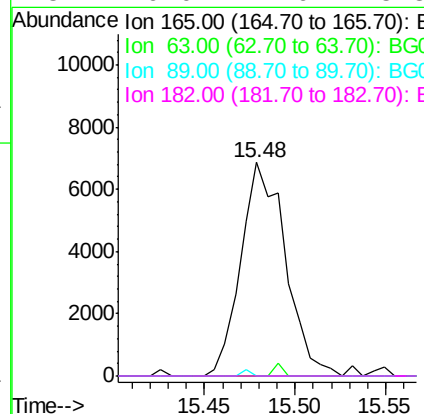
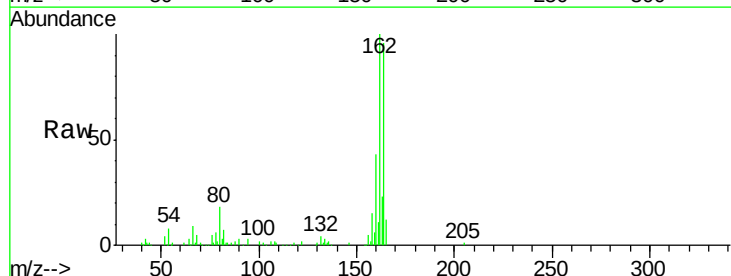
Instrument :
BNA_G
ClientSampleId :

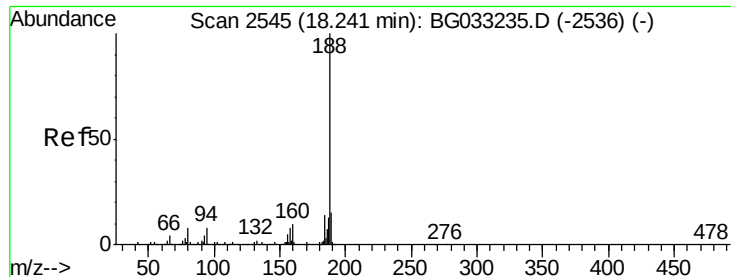
Tot Ion:172 Resp: 661039
Ion Ratio Lower Upper
172 100
171 38.7 30.0 45.0
170 25.2 19.5 29.3



#56
2,4-Dinitrotoluene
Concen: 4.584 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.34 min
Lab File: BG033432.D
Acq: 29 Mar 2018 22:43

Tgt Ion:165 Resp: 11730
Ion Ratio Lower Upper
165 100
63 0.0 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# 2540

Delta R.T. -0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

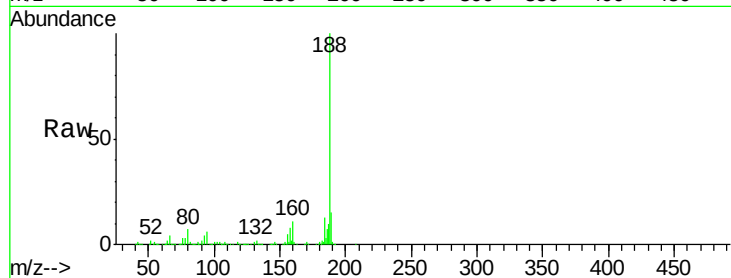
Tot Ion:188 Resp: 302783

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

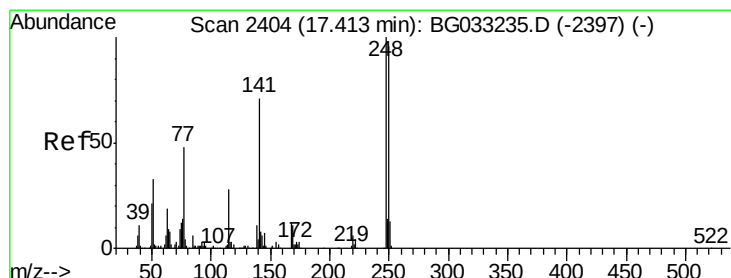
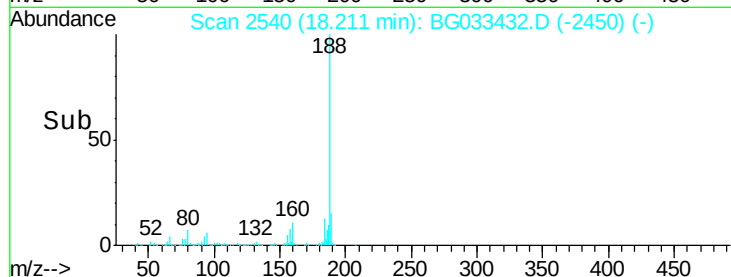
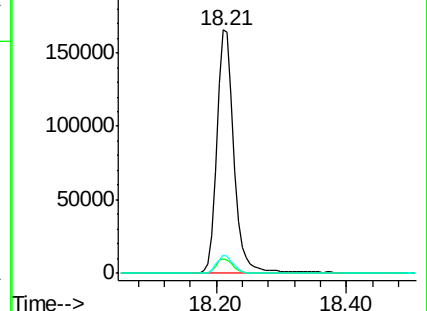
80 7.5 7.7 11.5#



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: 5.293 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.43 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

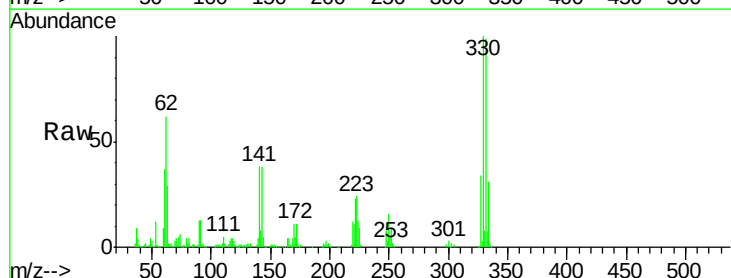
Tgt Ion:248 Resp: 18820

Ion Ratio Lower Upper

248 100

250 189.6 77.1 115.7#

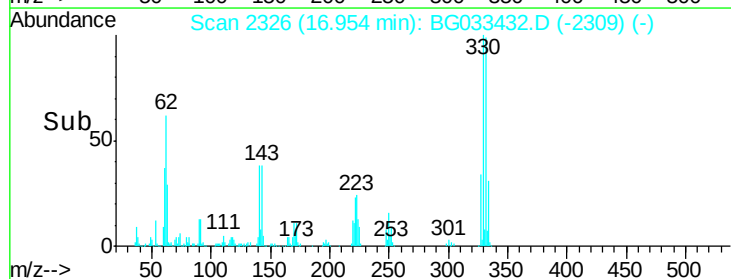
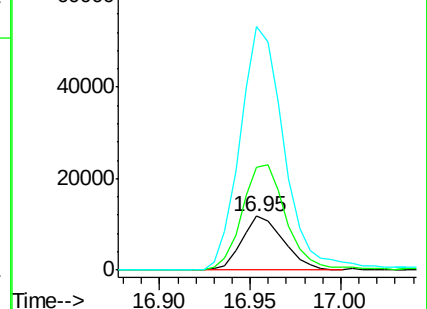
141 450.7 50.8 76.2#

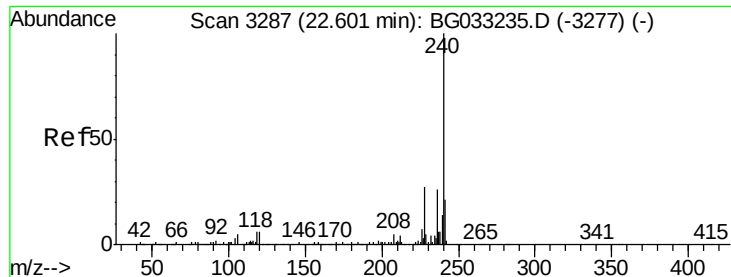


Abundance Ion 248.00 (247.70 to 248.70): E

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: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

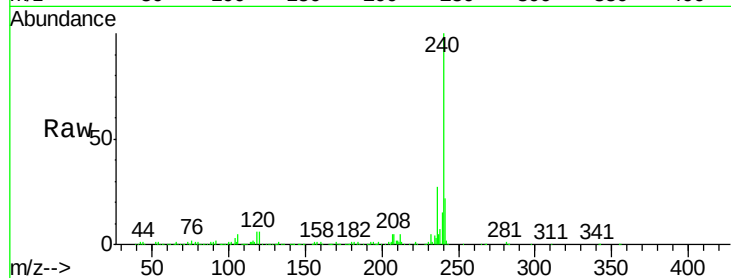
Tot Ion:240 Resp: 325146

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

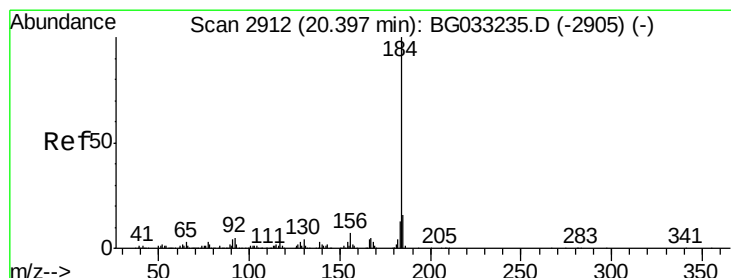
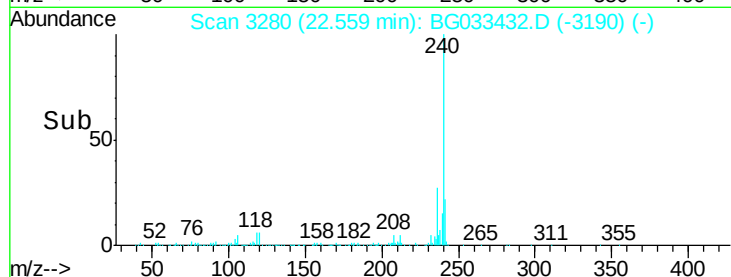
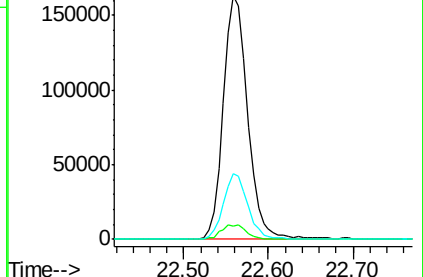
236 27.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.929 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.37 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

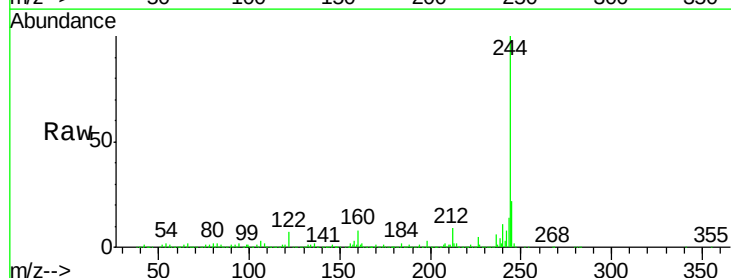
Tgt Ion:184 Resp: 25829

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

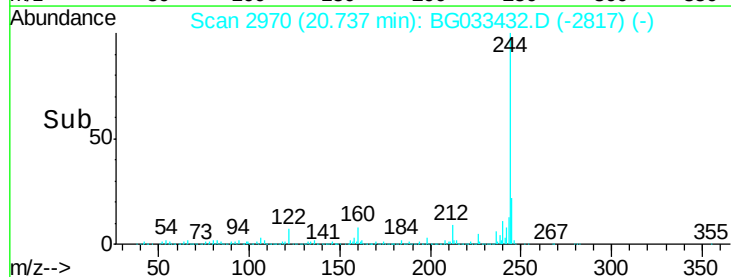
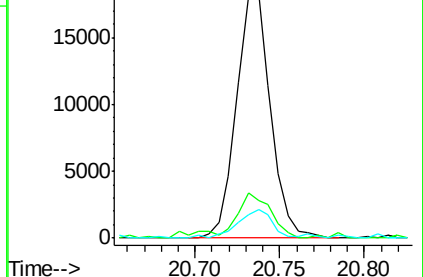
183 11.6 10.6 16.0

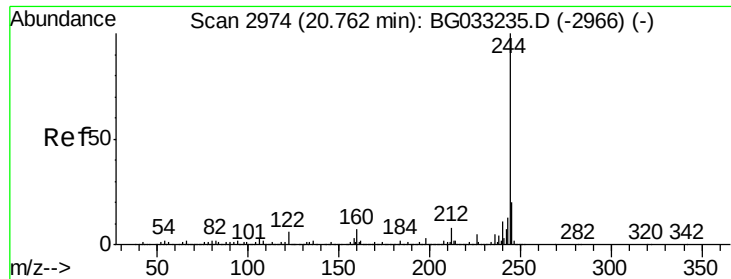


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 100.325 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

Instrument :

BNA_G

ClientSampleId :

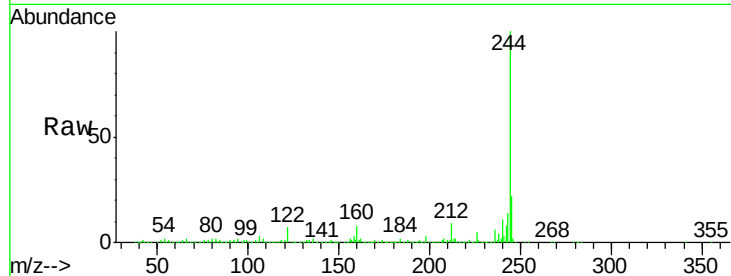
Tot Ion:244 Resp: 1525311

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

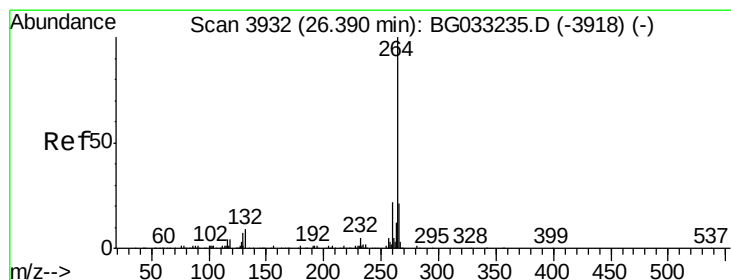
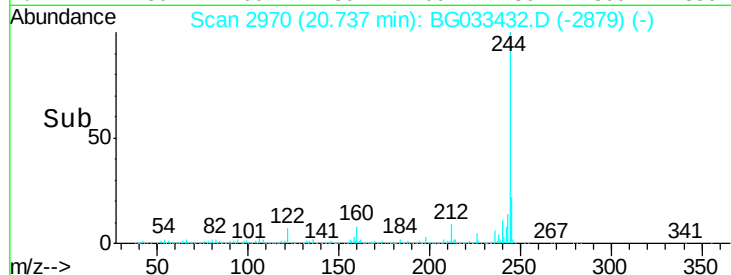
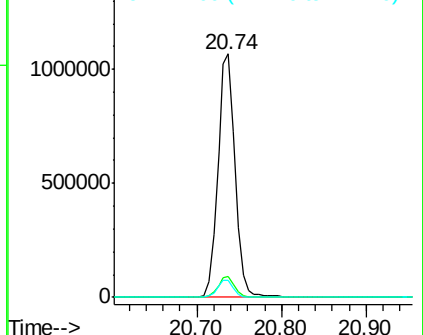
122 6.8 7.0 10.4#



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: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033432.D

Acq: 29 Mar 2018 22:43

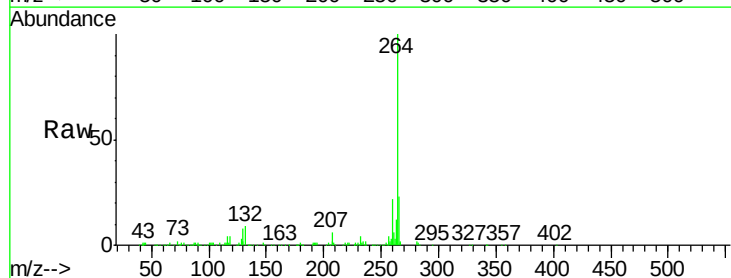
Tgt Ion:264 Resp: 351996

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 22.7 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

