

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033428.D
 Acq On : 29 Mar 2018 20:12
 Operator : SJ/JU
 Sample : J1754-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 30 07:40:15 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

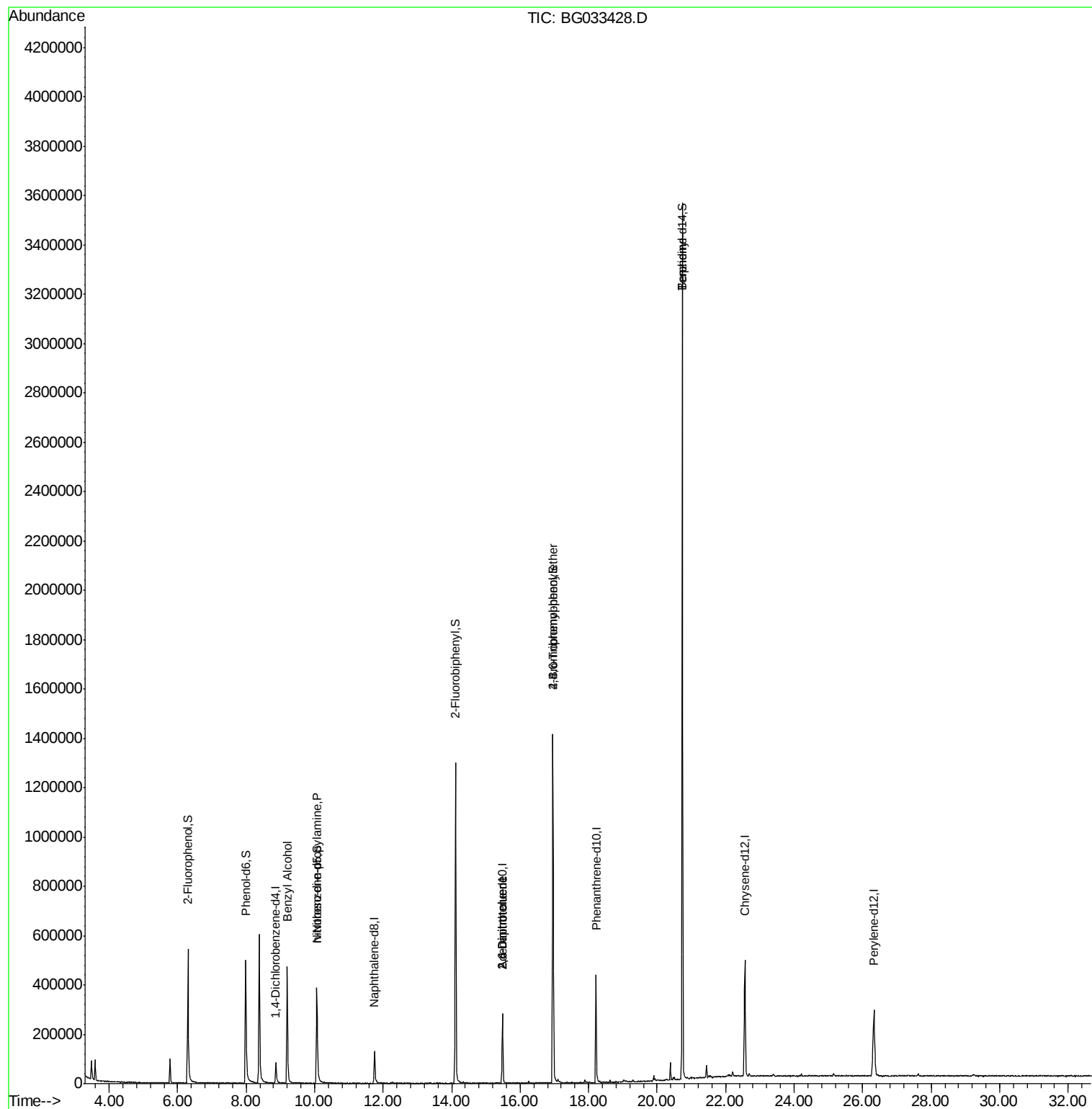
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	29828	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	129896	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	103169	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	314319	20.00	ng	0.00
75) Chrysene-d12	22.56	240	347971	20.00	ng	0.00
86) Perylene-d12	26.33	264	372938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	268400	168.73	ng	0.00
7) Phenol-d6	7.98	99	350604	128.28	ng	0.00
23) Nitrobenzene-d5	10.06	82	307575	108.79	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	290338	188.16	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	753570	105.45	ng	0.00
78) Terphenyl-d14	20.73	244	1720935	105.77	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5152	2.394	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	39463	19.704	ng	# 76
50) 2,6-Dinitrotoluene	15.48	165	13465	7.334	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	13465	4.981	ng	# 18
66) 4-Bromophenyl-phenylether	16.96	248	21484	5.820	ng	# 1
76) Benzidine	20.73	184	29929	3.172	ng	# 90

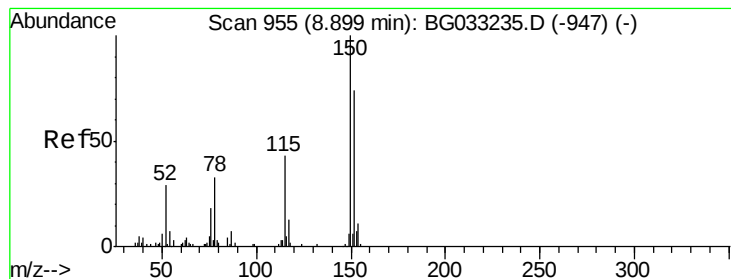
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
Data File : BG033428.D
Acq On : 29 Mar 2018 20:12
Operator : SJ/JU
Sample : J1754-20
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Mar 30 07:40:15 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



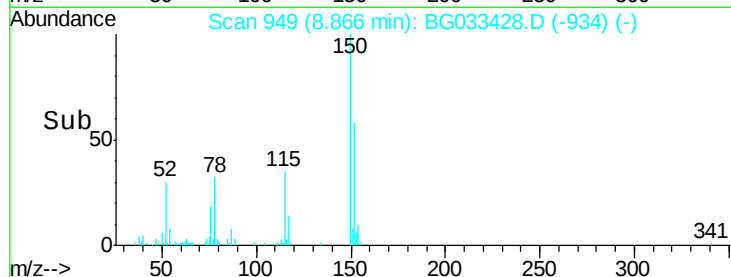
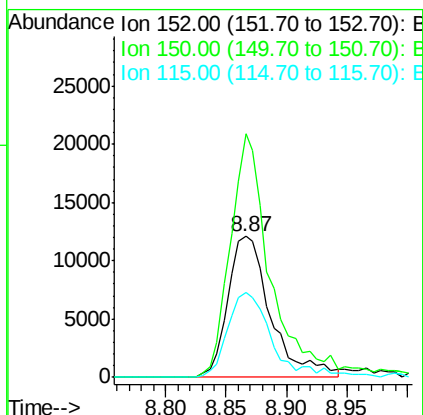
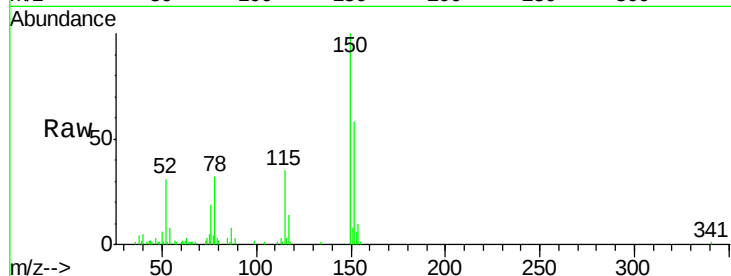


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Instrument :
BNA_G
ClientSampleId :

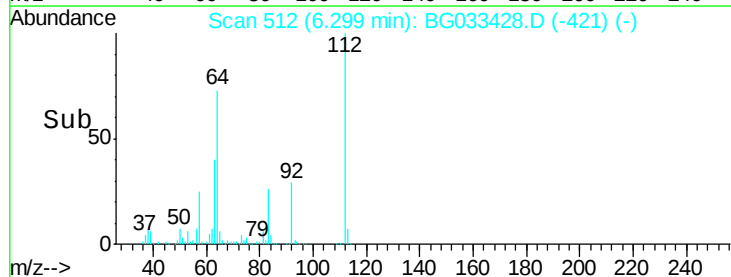
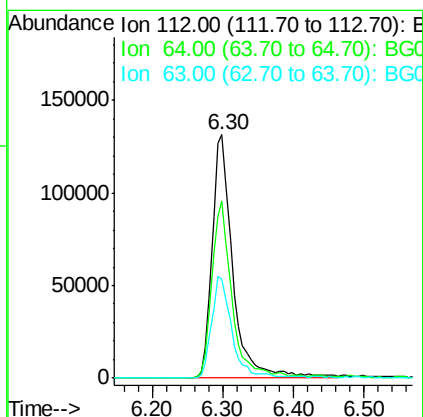
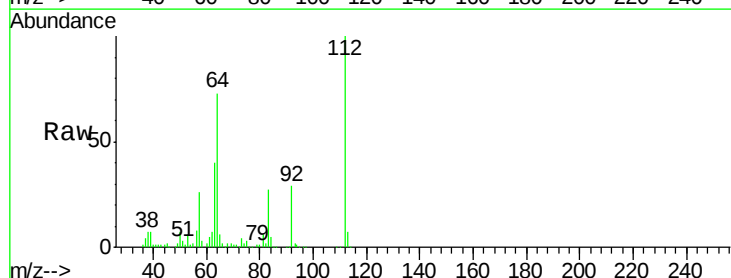
Tot Ion	Ratio	Lower	Upper
152	100		
150	172.6	126.6	189.8
115	60.1	53.0	79.4

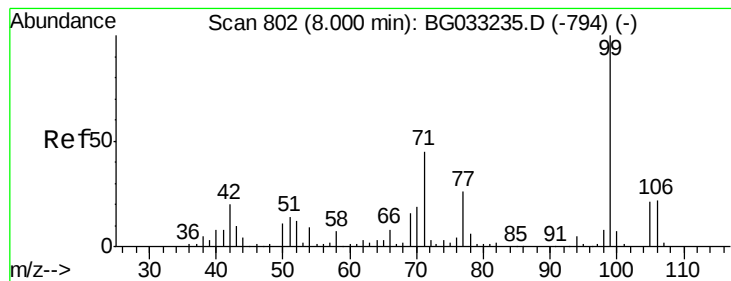


#5

2-Fluorophenol
Concen: 168.728 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.8	56.3	84.5
63	40.4	30.1	45.1





#7

Phenol-d6

Concen: 128.276 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.01 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

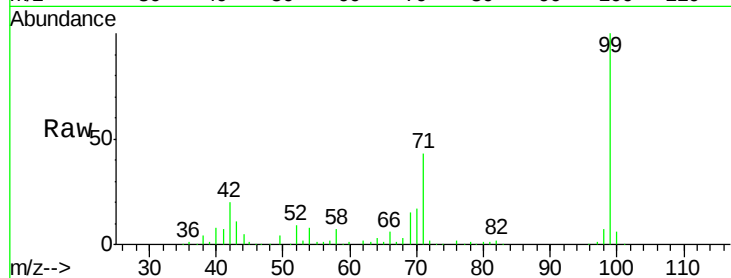
Tot Ion: 99 Resp: 350604

Ion Ratio Lower Upper

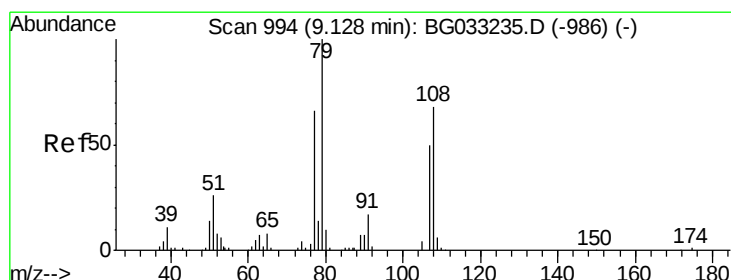
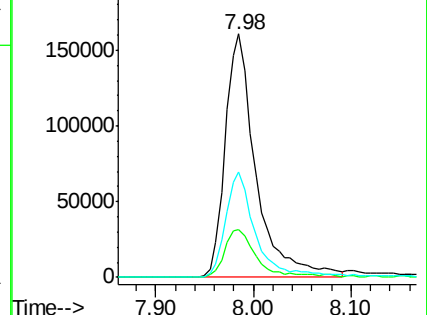
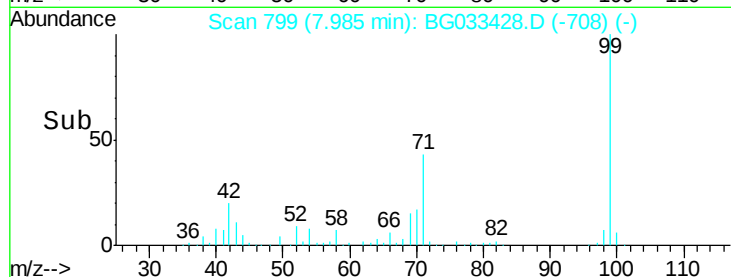
99 100

42 19.8 14.1 21.1

71 43.2 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.394 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

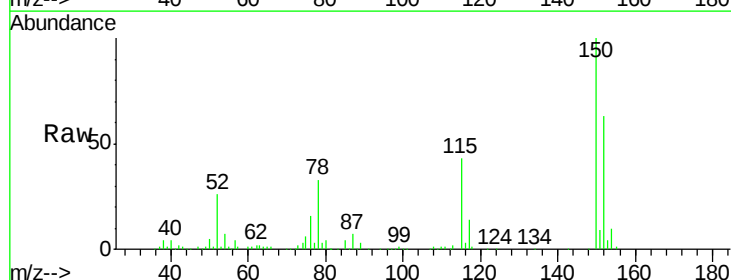
Tgt Ion: 79 Resp: 5152

Ion Ratio Lower Upper

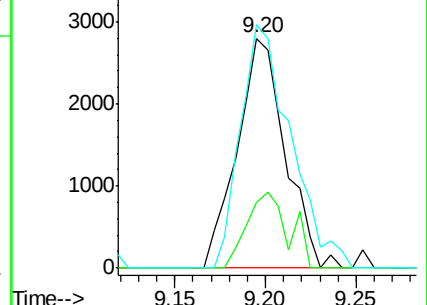
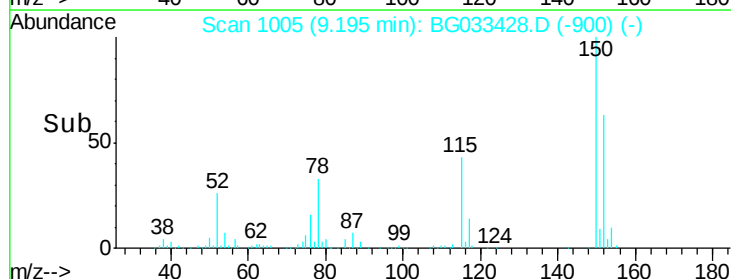
79 100

108 28.4 57.2 85.8#

77 105.8 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

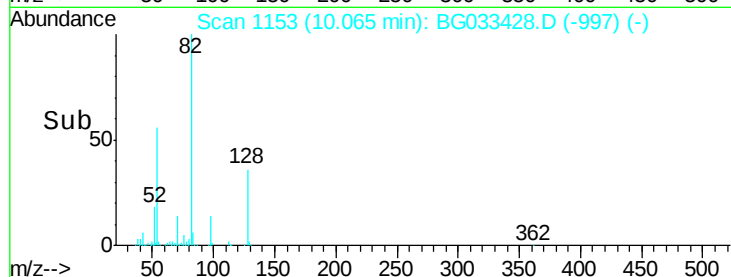
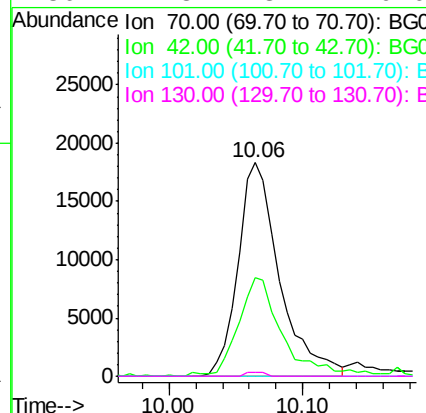
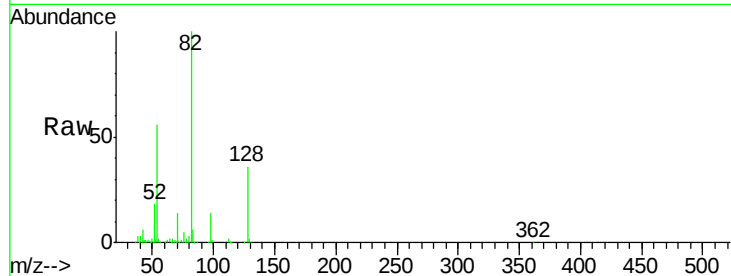




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.704 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.39 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

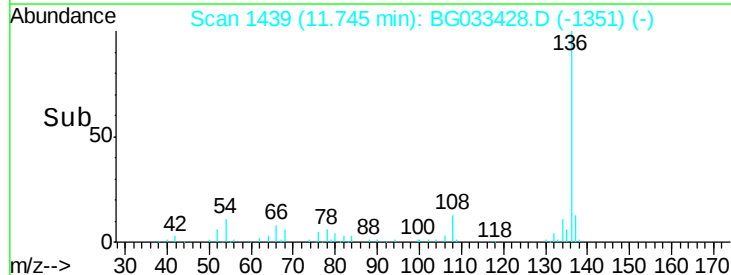
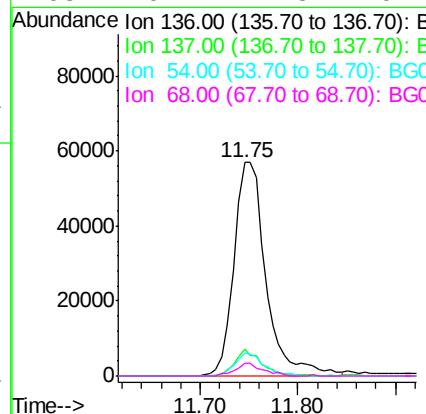
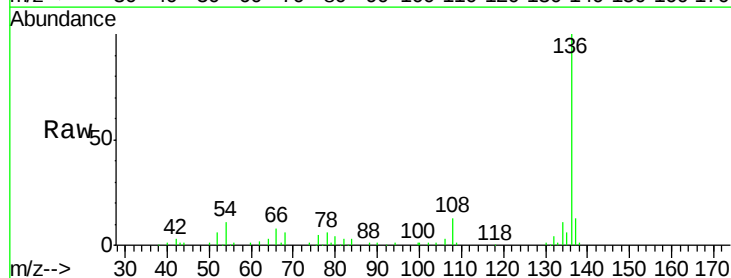
Instrument :
 BNA_G
 ClientSampled :

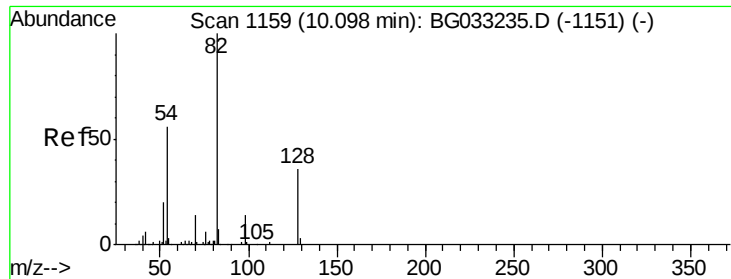
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.1	49.1	73.7#
101	0.0	8.5	12.7#
130	1.8	13.4	20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.75 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.2	13.8
54	10.7	10.3	15.5
68	6.1	4.5	6.7

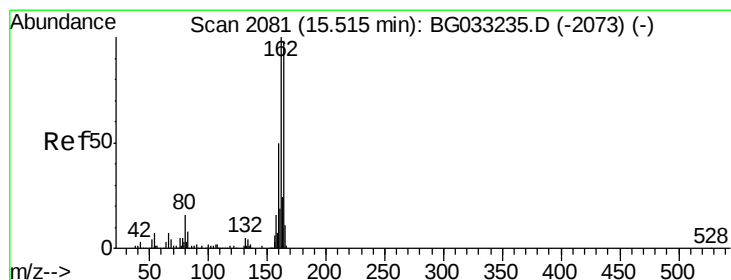
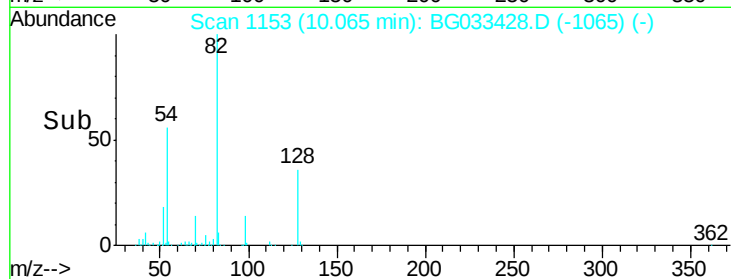
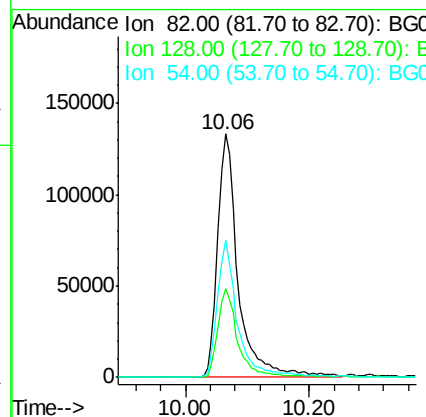
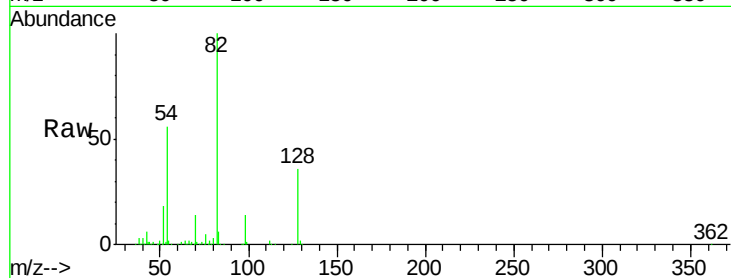




#23
Nitrobenzene-d5
Concen: 108.789 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

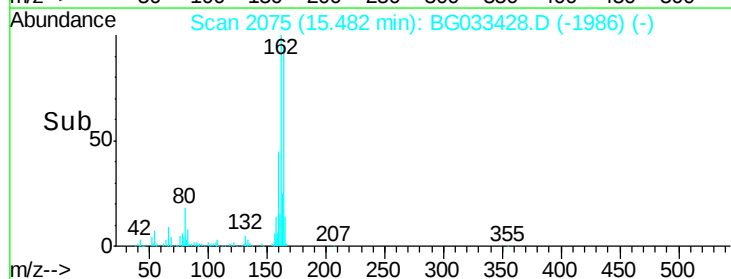
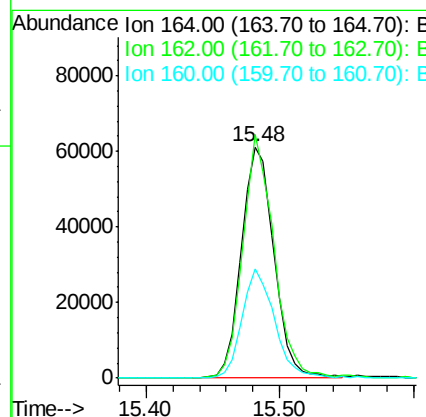
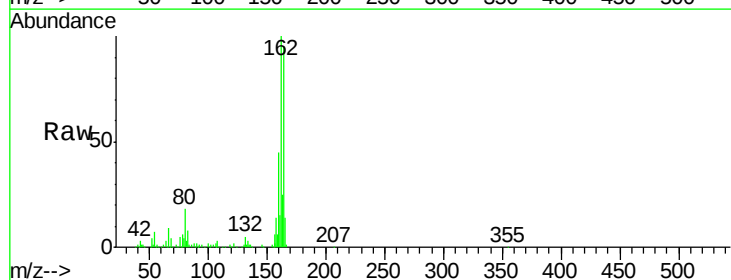
Instrument :
BNA_G
ClientSampleId :

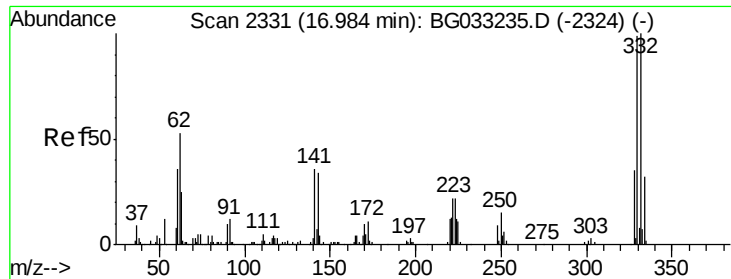
Tot Ion: 82 Resp: 307575
Ion Ratio Lower Upper
82 100
128 36.2 29.7 44.5
54 56.3 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033428.D
Acq: 29 Mar 2018 20:12

Tgt Ion: 164 Resp: 103169
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 47.0 35.4 53.0

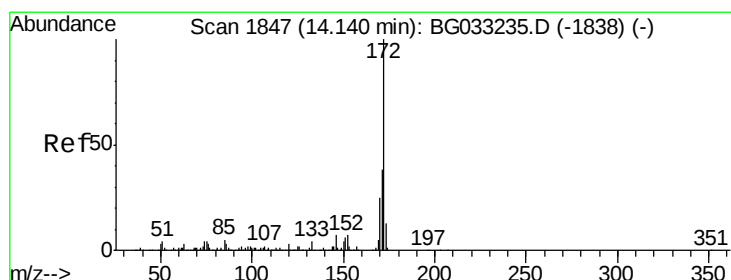
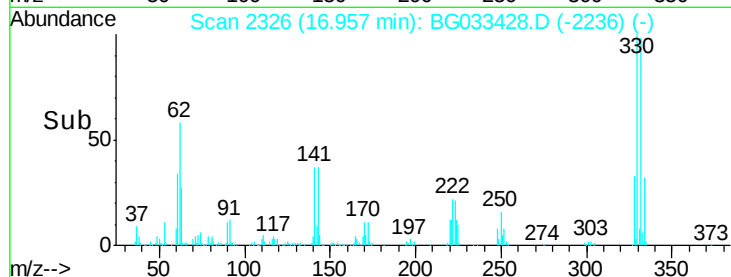
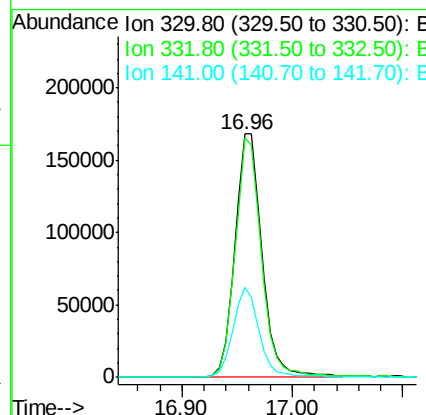
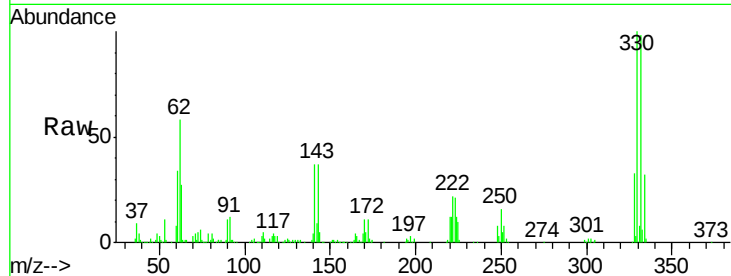




#41
 2,4,6-Tribromophenol
 Concen: 188.163 ng
 RT: 16.96 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

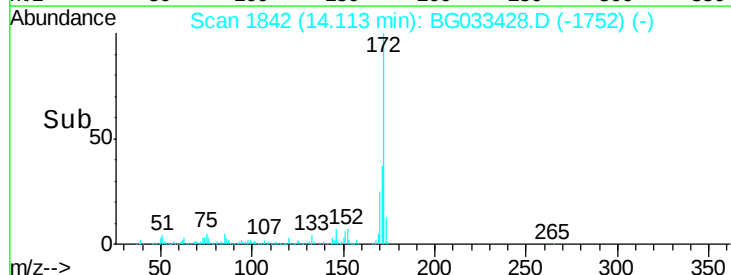
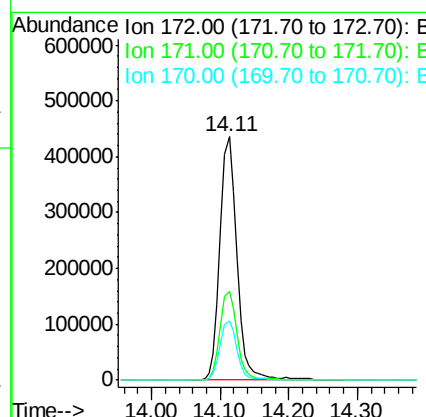
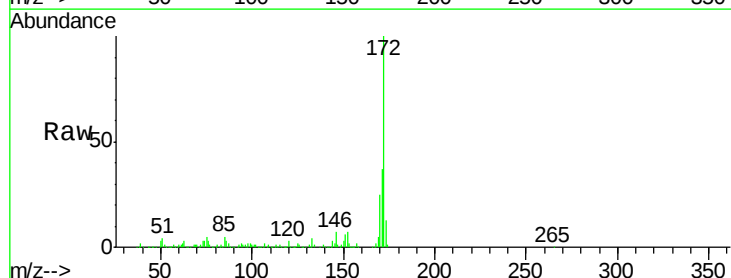
Instrument :
 BNA_G
 ClientSampleId :

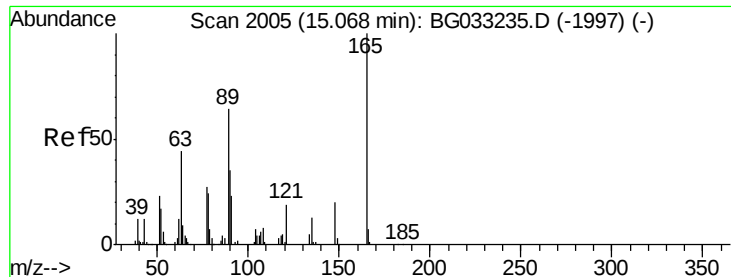
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	35.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 105.446 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	24.5	19.5	29.3

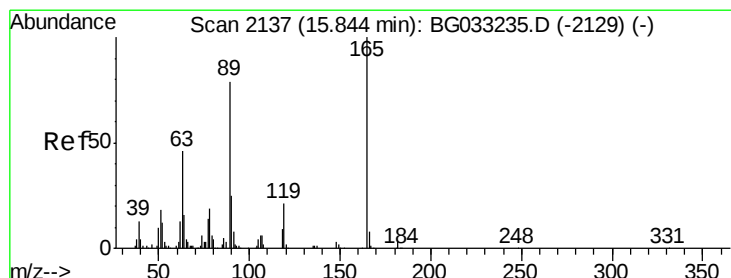
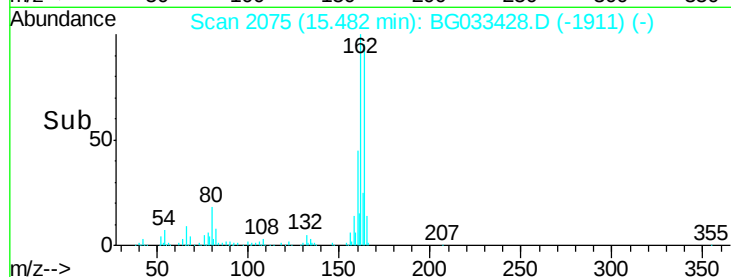
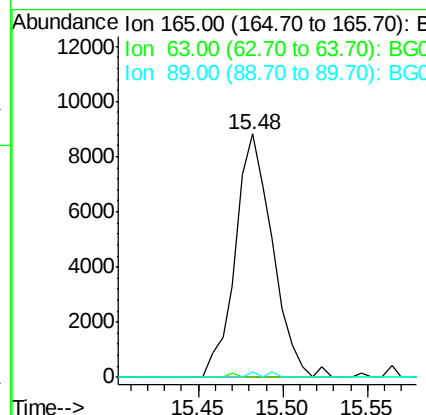
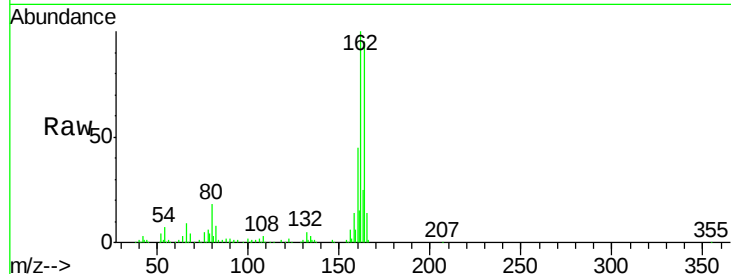




#50
 2,6-Dinitrotoluene
 Concen: 7.334 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

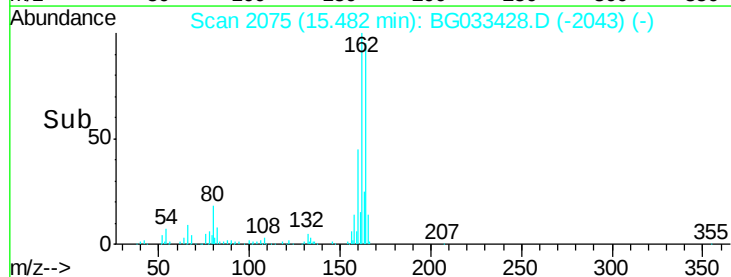
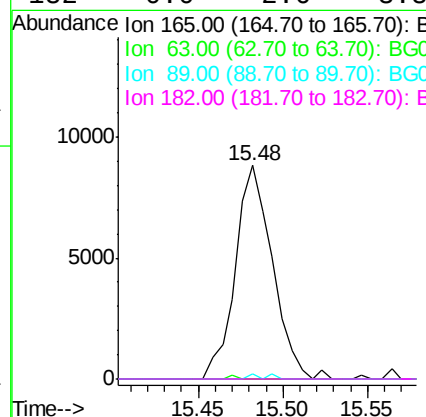
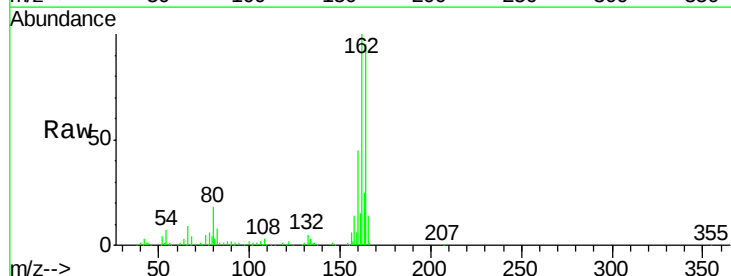
Instrument :
 BNA_G
 ClientSampleId :

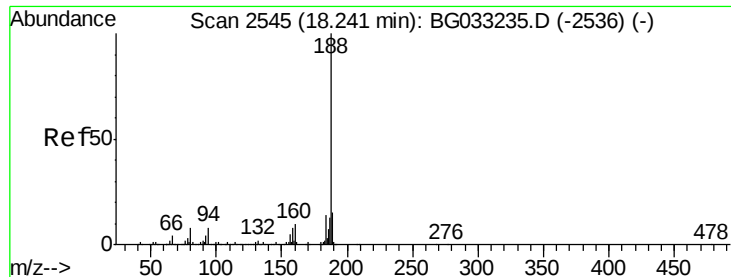
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.3	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.981 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	2.3	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: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

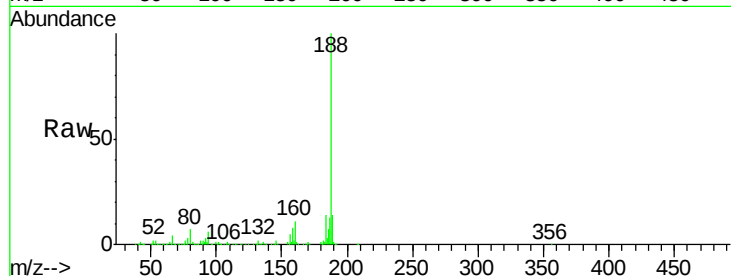
Tot Ion:188 Resp: 314319

Ion Ratio Lower Upper

188 100

94 6.1 6.9 10.3#

80 7.0 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

250000

200000

150000

100000

50000

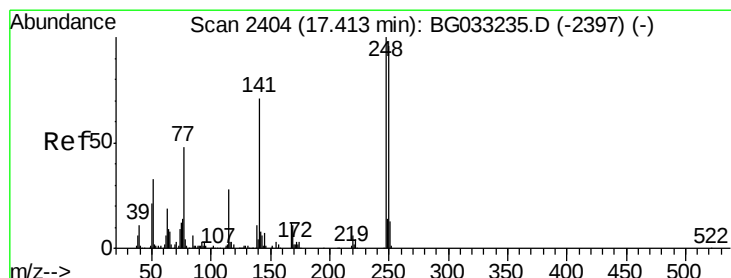
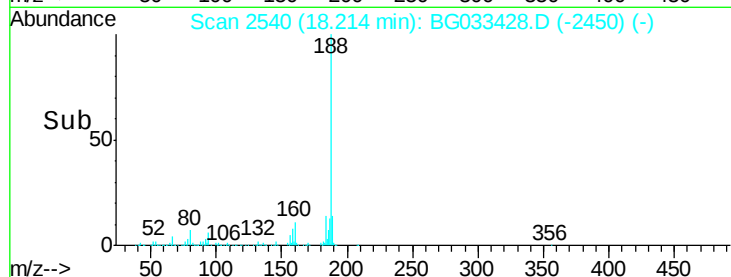
0

18.21

18.20

18.30

Time-->



#66

4-Bromophenyl-phenylether

Concen: 5.820 ng

RT: 16.96 min Scan# 2327

Delta R.T. -0.42 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

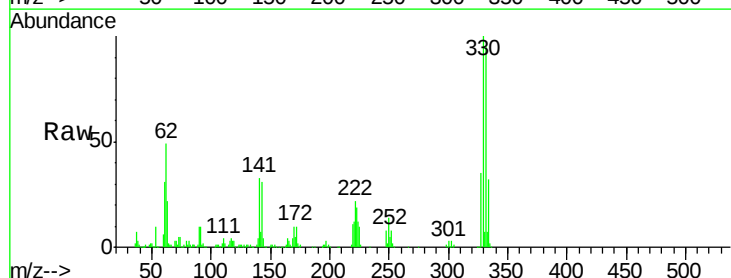
Tgt Ion:248 Resp: 21484

Ion Ratio Lower Upper

248 100

250 174.9 77.1 115.7#

141 402.8 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

80000

60000

40000

20000

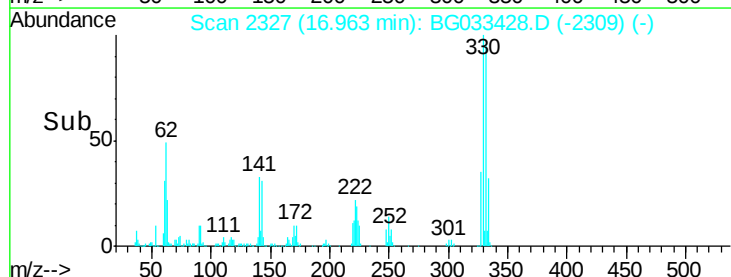
0

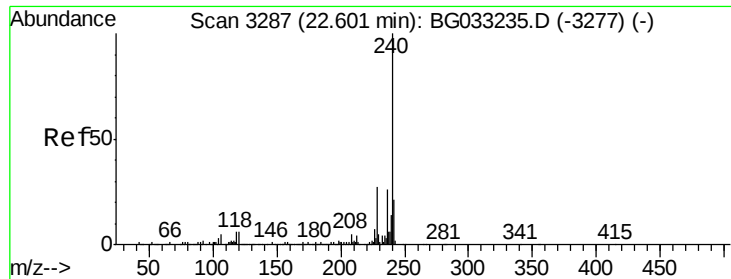
16.96

16.90

17.00

Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

Instrument :

BNA_G

ClientSampleId :

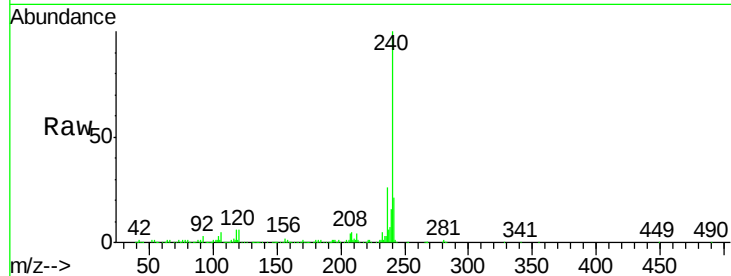
Tot Ion:240 Resp: 347971

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

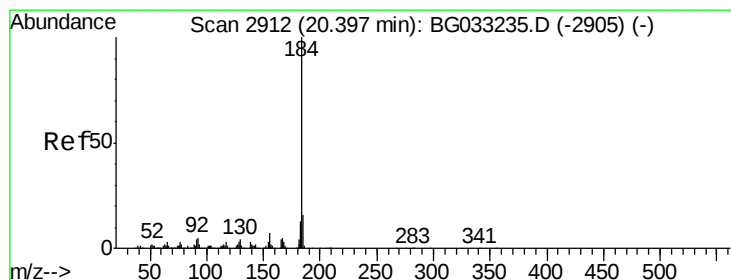
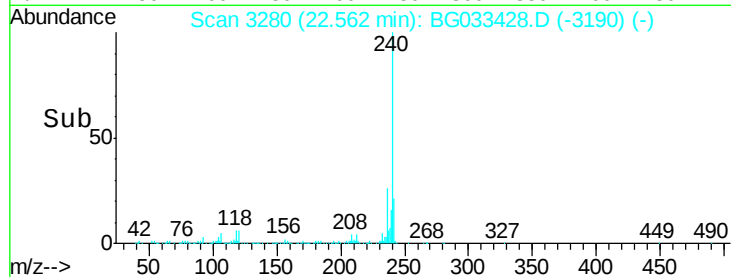
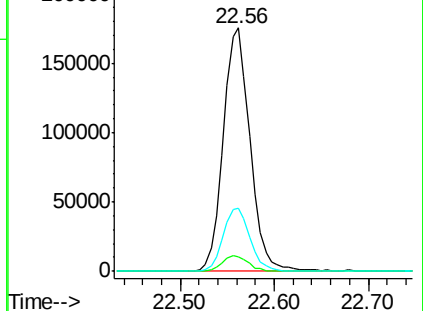
236 26.1 20.9 31.3



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: 3.172 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033428.D

Acq: 29 Mar 2018 20:12

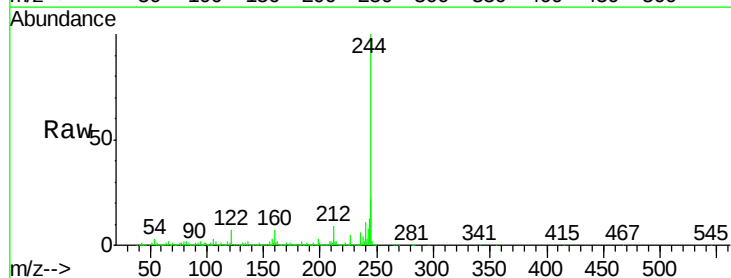
Tgt Ion:184 Resp: 29929

Ion Ratio Lower Upper

184 100

185 17.6 11.1 16.7#

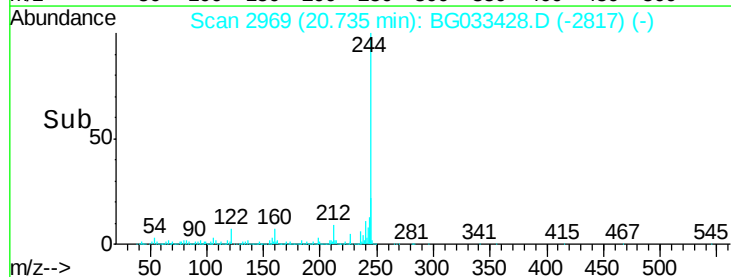
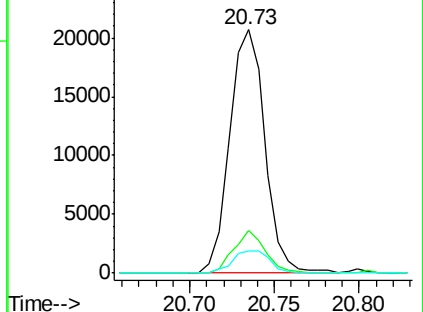
183 9.0 10.6 16.0#

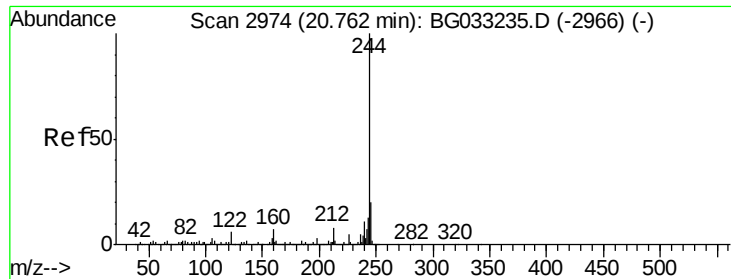


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

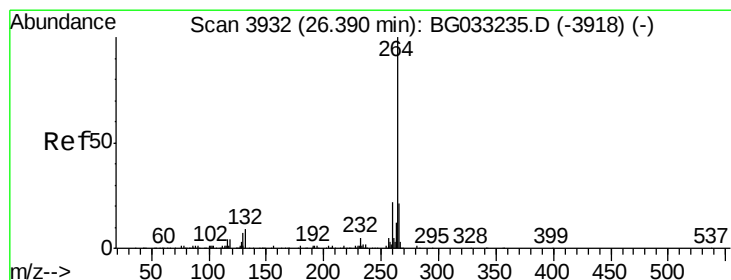
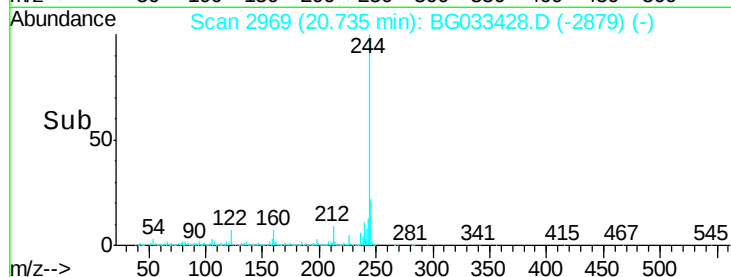
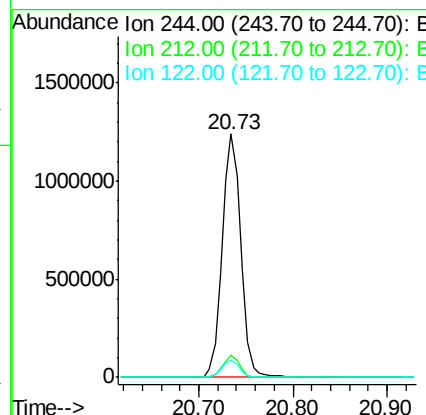
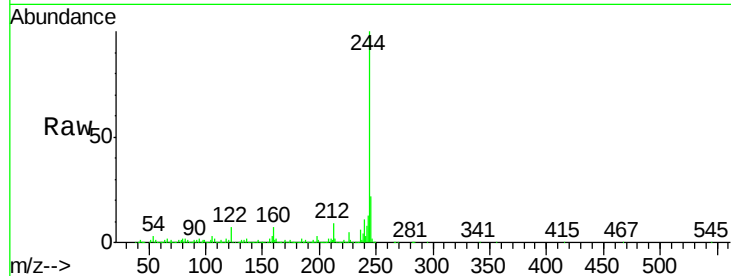




#78
 Terphenyl-d14
 Concen: 105.768 ng
 RT: 20.73 min Scan# 2969
 Delta R.T. -0.00 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1720935
 Ion Ratio Lower Upper
 244 100
 212 9.0 5.8 8.8#
 122 7.0 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.33 min Scan# 3921
 Delta R.T. -0.01 min
 Lab File: BG033428.D
 Acq: 29 Mar 2018 20:12

Tgt Ion:264 Resp: 372938
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.4 26.0
 265 21.6 17.7 26.5

