

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032839.D
 Acq On : 27 Feb 2018 2:33
 Operator : SJ/JU
 Sample : J1691-20
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B5

Quant Time: Feb 27 03:55:11 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

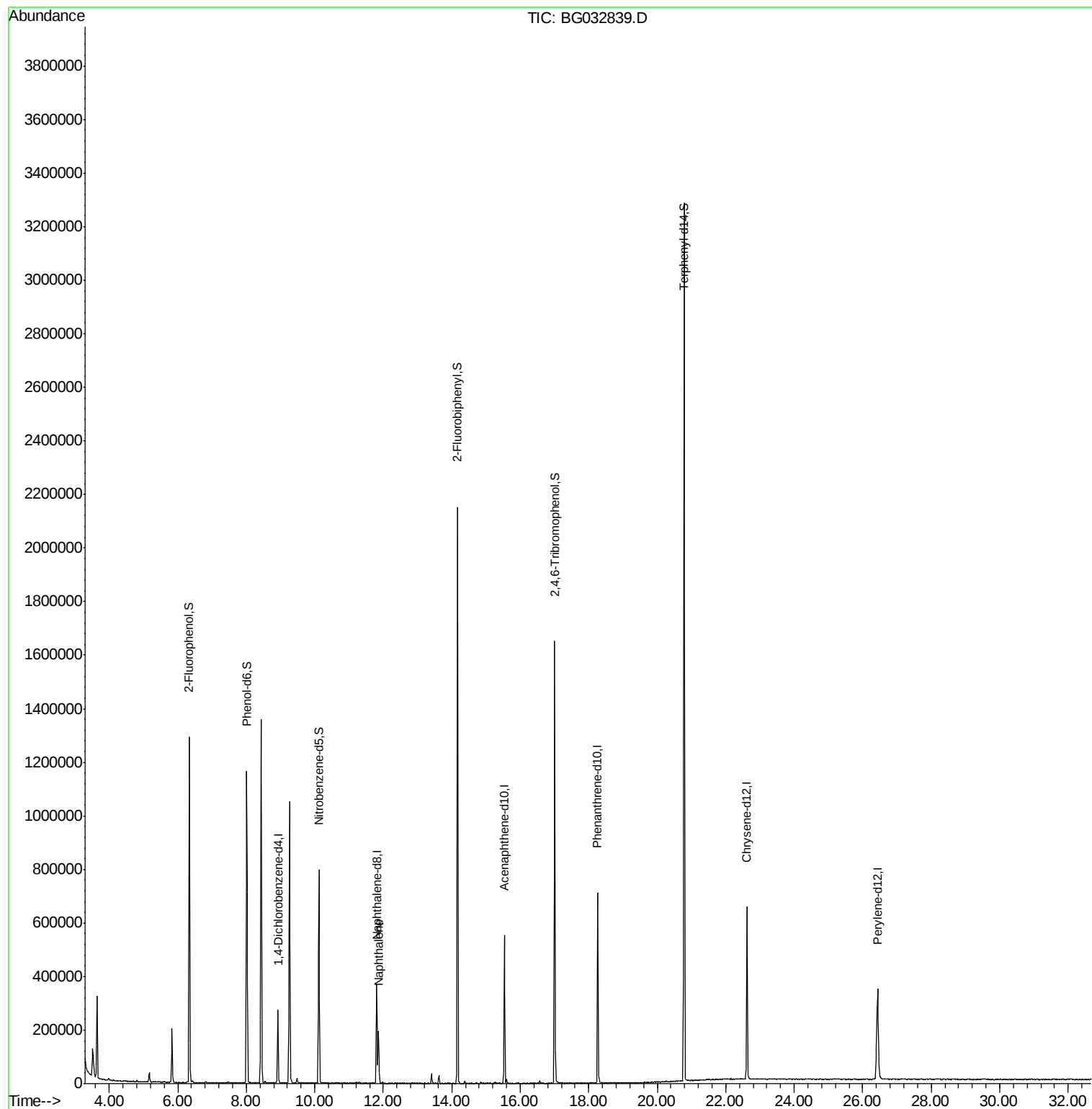
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	81144	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	341622	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	187080	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	431577	20.00	ng	0.00
75) Chrysene-d12	22.62	240	401188	20.00	ng	-0.01
86) Perylene-d12	26.43	264	411446	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	620124	122.27	ng	0.00
7) Phenol-d6	8.02	99	744734	105.34	ng	0.00
23) Nitrobenzene-d5	10.12	82	506968	100.89	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	280303	142.50	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1128749	87.02	ng	0.00
78) Terphenyl-d14	20.78	244	1523790	85.34	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	176153	9.868	ng	Qvalue 99

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

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Quant Time: Feb 27 03:55:11 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

Instrument :

BNA_G

ClientSampled :

B5

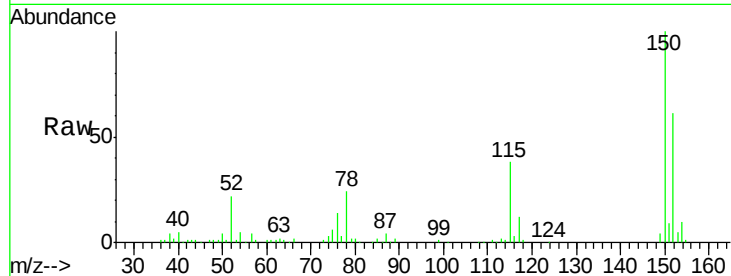
Tot Ion:152 Resp: 81144

Ion Ratio Lower Upper

152 100

150 162.8 126.6 189.8

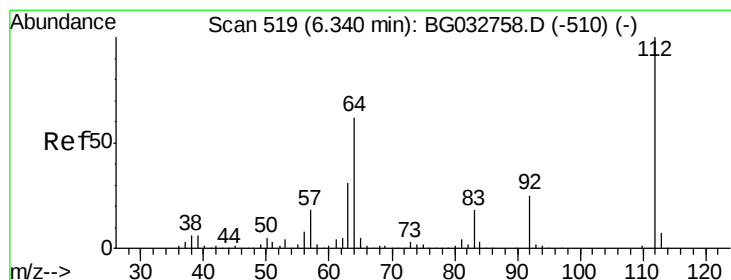
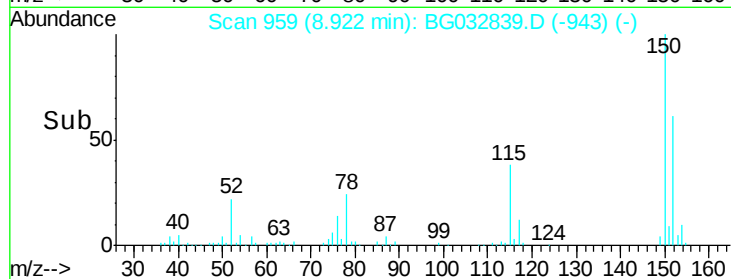
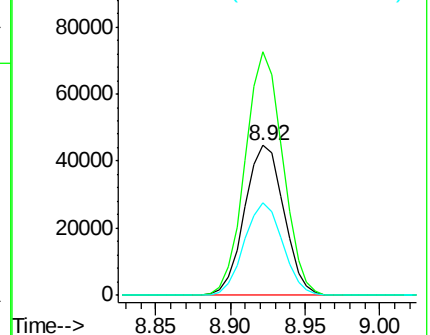
115 62.3 53.0 79.4



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



#5

2-Fluorophenol

Concen: 122.265 ng

RT: 6.34 min Scan# 519

Delta R.T. 0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

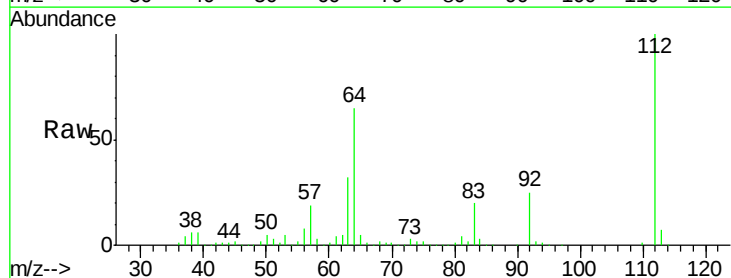
Tgt Ion:112 Resp: 620124

Ion Ratio Lower Upper

112 100

64 65.5 56.3 84.5

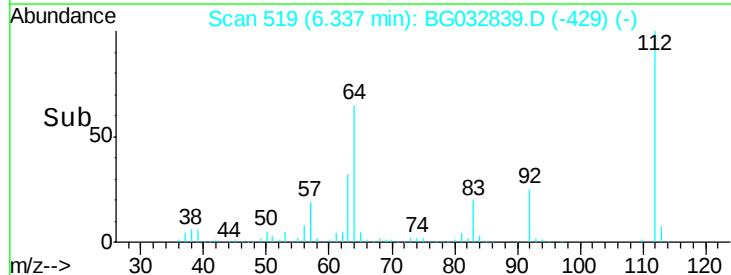
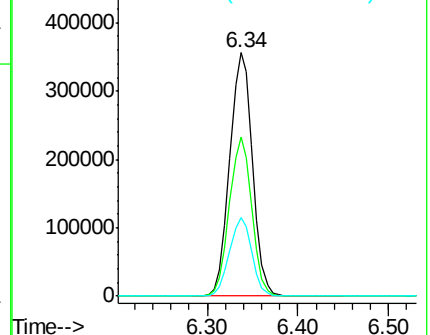
63 32.2 30.1 45.1

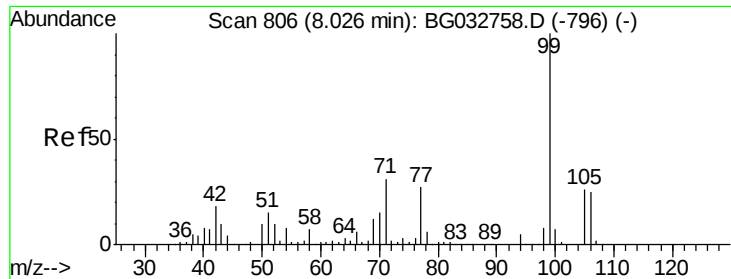


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.343 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

Instrument :

BNA_G

ClientSampled :

B5

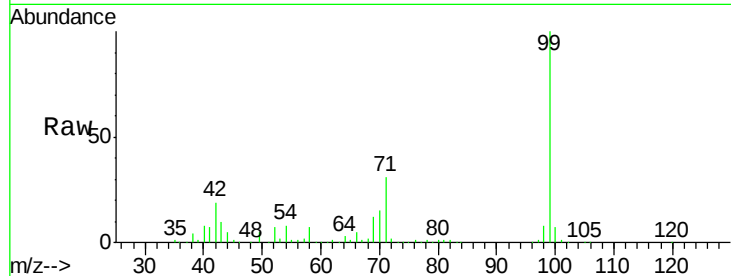
Tot Ion: 99 Resp: 744734

Ion Ratio Lower Upper

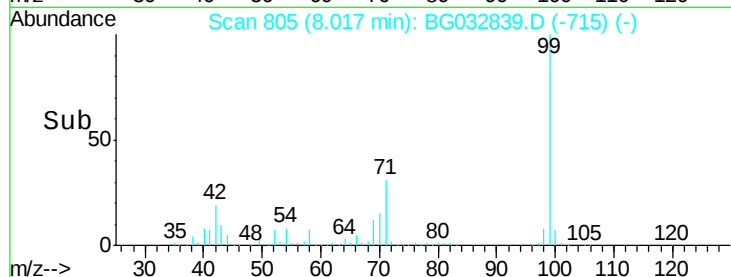
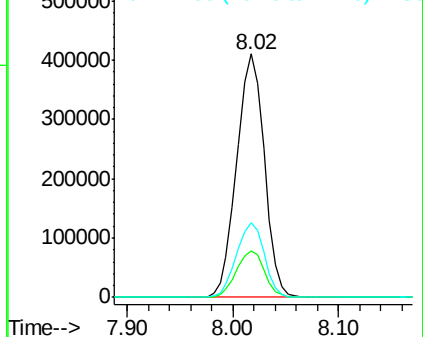
99 100

42 19.0 14.1 21.1

71 30.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

Tgt Ion: 136 Resp: 341622

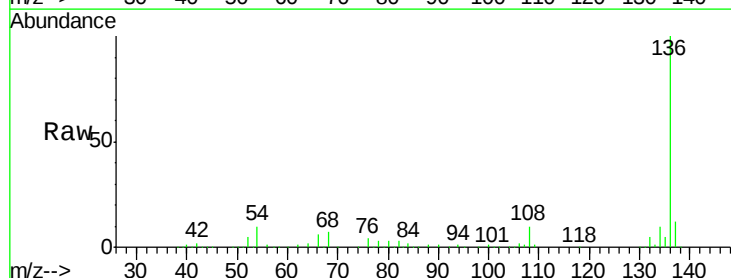
Ion Ratio Lower Upper

136 100

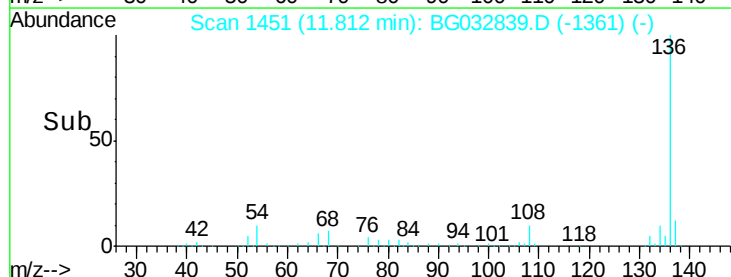
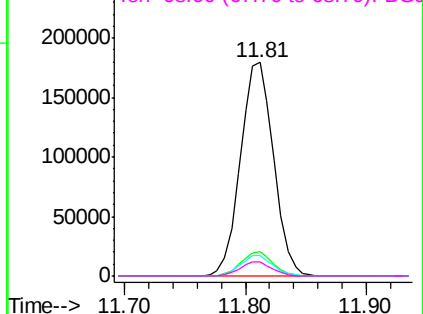
137 11.6 9.2 13.8

54 9.6 10.3 15.5#

68 6.8 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

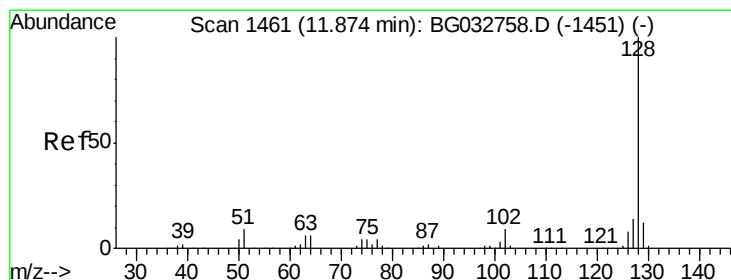
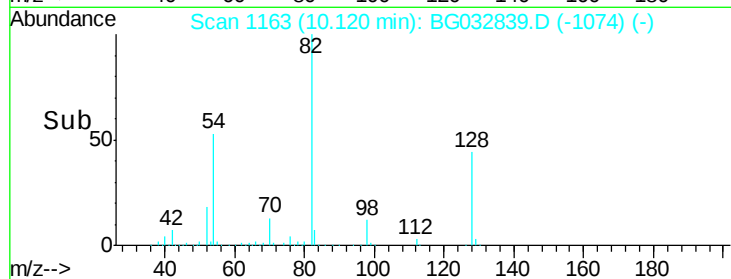
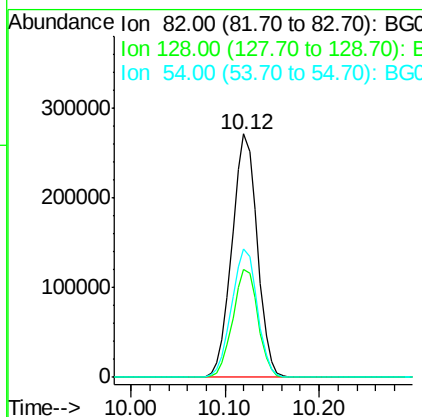
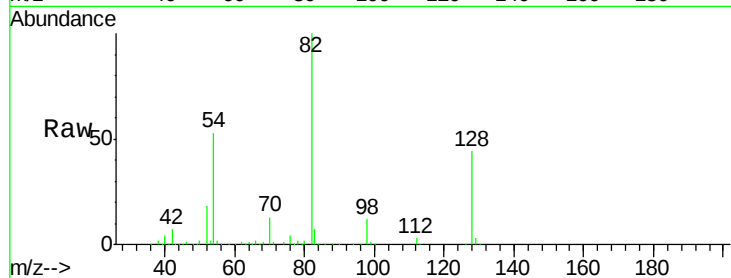




#23
Nitrobenzene-d5
Concen: 100.885 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032839.D
Acq: 27 Feb 2018 2:33

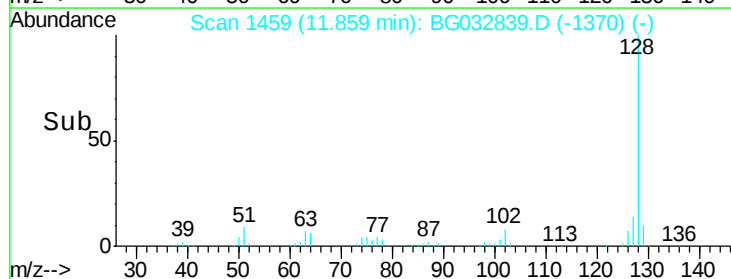
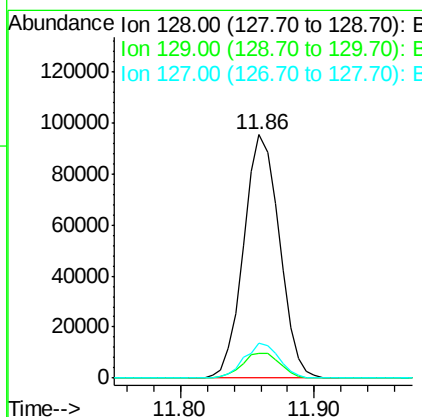
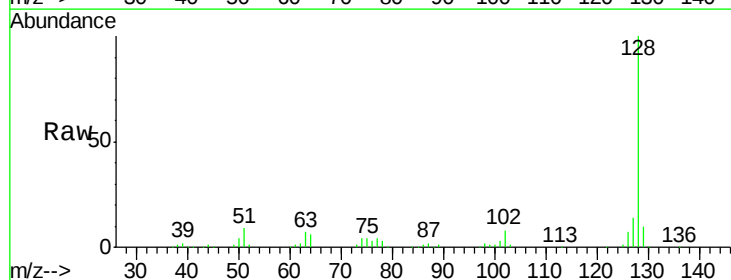
Instrument :
BNA_G
ClientSampleId :
B5

Tot Ion	82	Resp	506968
Ion Ratio	Lower	Upper	
82	100		
128	44.2	29.7	44.5
54	52.7	43.1	64.7



#31
Naphthalene
Concen: 9.868 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032839.D
Acq: 27 Feb 2018 2:33

Tgt Ion	128	Resp	176153
Ion Ratio	Lower	Upper	
128	100		
129	10.4	8.6	12.8
127	14.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.54 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

Instrument :

BNA_G

ClientSampleId :

B5

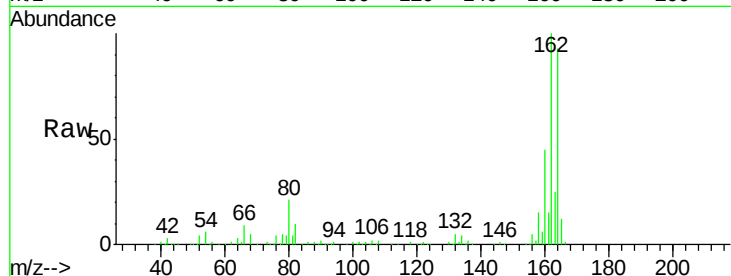
Tot Ion:164 Resp: 187080

Ion Ratio Lower Upper

164 100

162 107.9 78.8 118.2

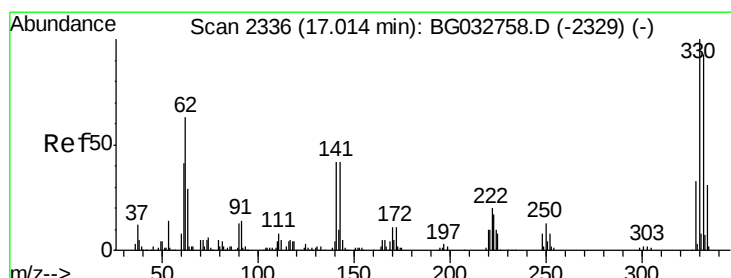
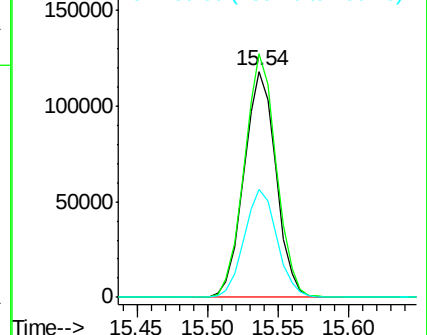
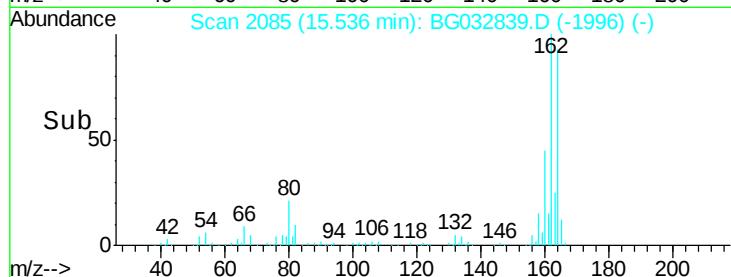
160 48.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 142.497 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

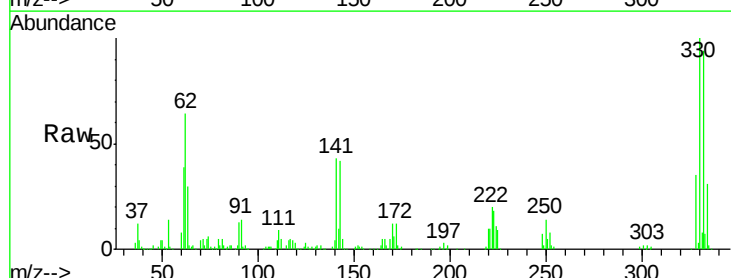
Tgt Ion:330 Resp: 280303

Ion Ratio Lower Upper

330 100

332 95.6 77.0 115.6

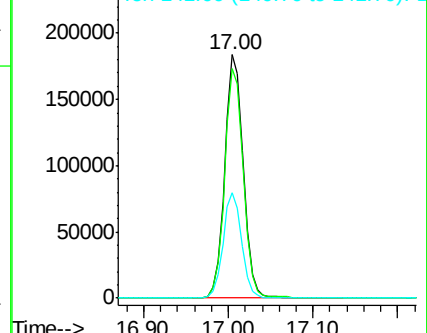
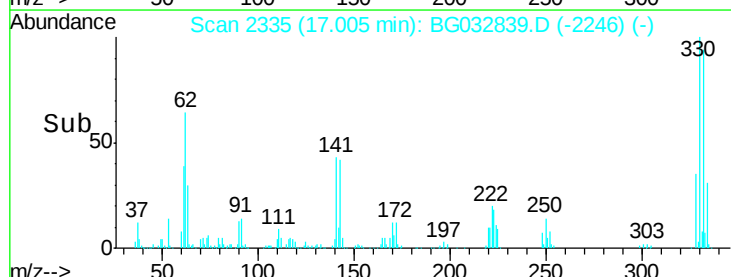
141 43.7 25.2 37.8#

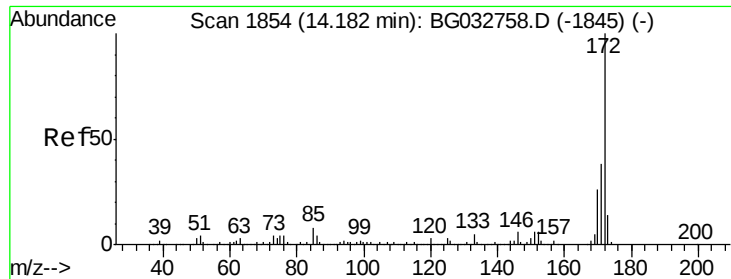


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

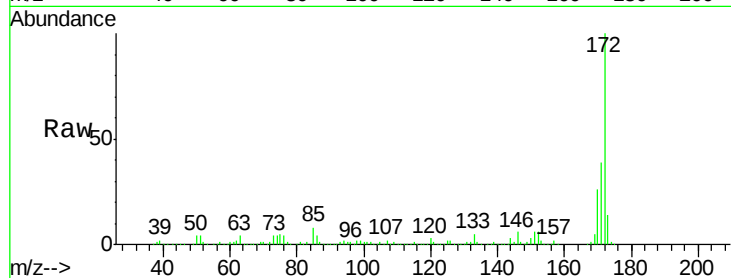




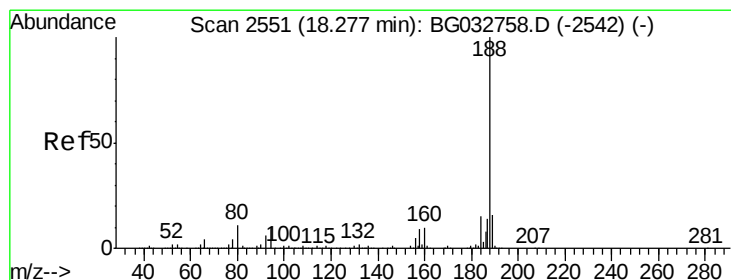
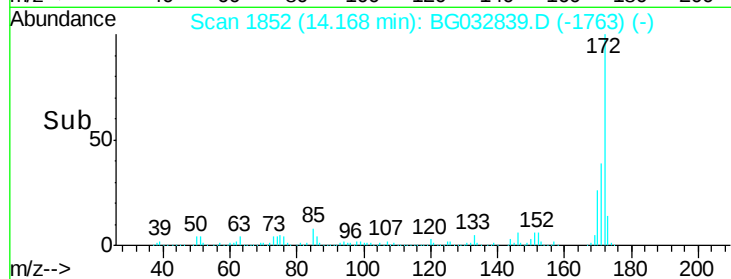
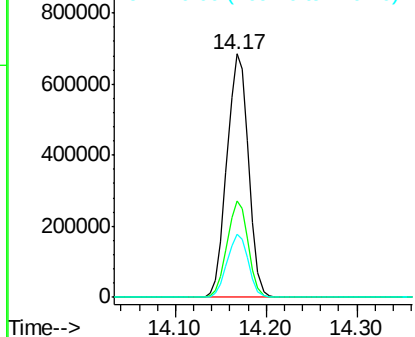
#44
2-Fluorobiphenyl
Concen: 87.018 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BG032839.D
Acq: 27 Feb 2018 2:33

Instrument :
BNA_G
ClientSampled :
B5

Tot Ion:172 Resp: 1128749
Ion Ratio Lower Upper
172 100
171 39.4 30.0 45.0
170 26.0 19.5 29.3

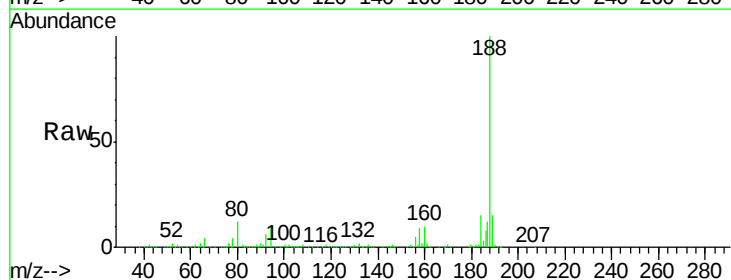


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

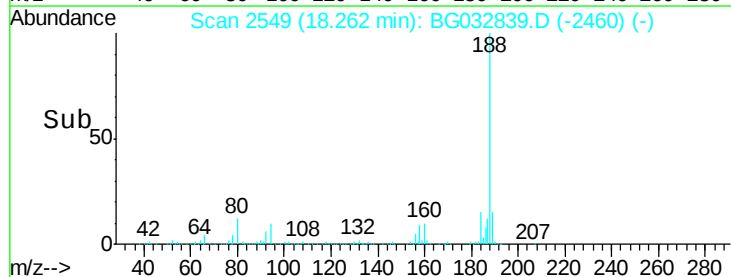
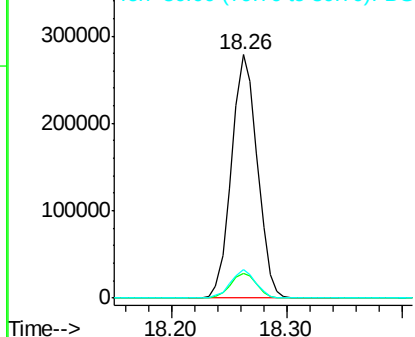


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032839.D
Acq: 27 Feb 2018 2:33

Tgt Ion:188 Resp: 431577
Ion Ratio Lower Upper
188 100
94 10.2 6.9 10.3
80 11.7 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





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

Instrument :

BNA_G

ClientSampled :

B5

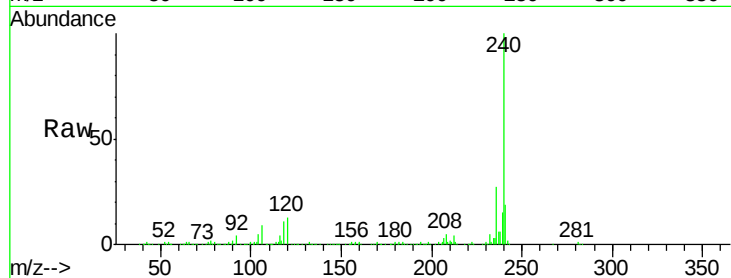
Tot Ion:240 Resp: 401188

Ion Ratio Lower Upper

240 100

120 13.0 6.8 10.2#

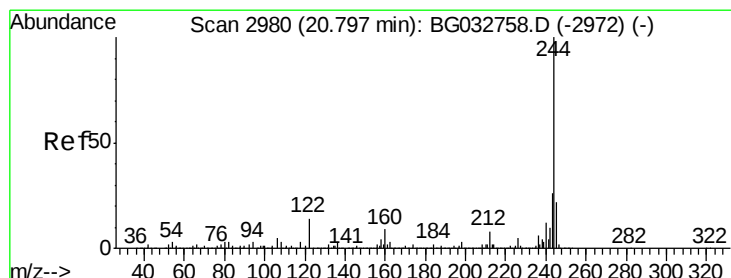
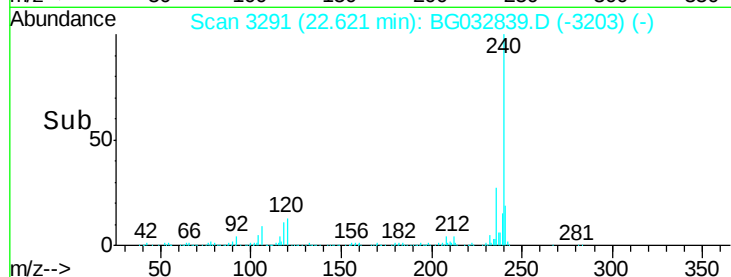
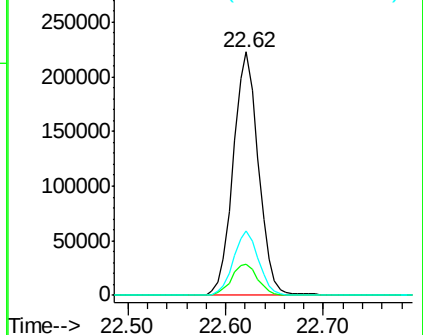
236 26.6 20.9 31.3



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



#78

Terphenyl-d14

Concen: 85.335 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032839.D

Acq: 27 Feb 2018 2:33

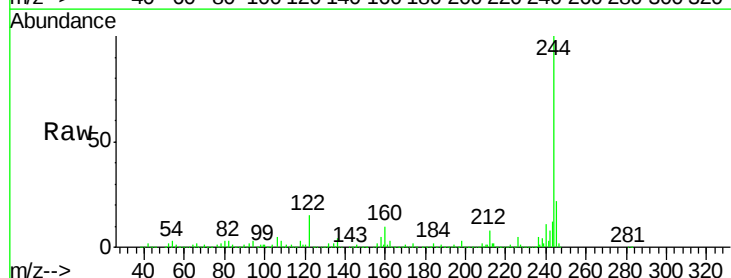
Tgt Ion:244 Resp: 1523790

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

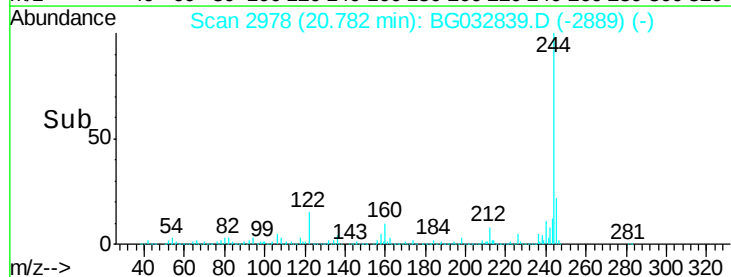
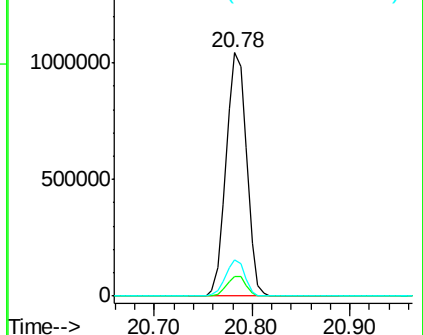
122 14.7 7.0 10.4#

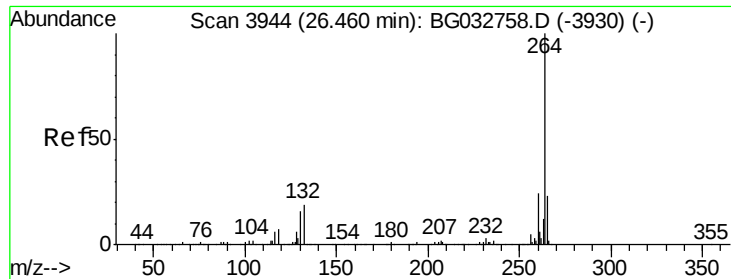


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3940
Delta R.T. -0.00 min
Lab File: BG032839.D
Acq: 27 Feb 2018 2:33

Instrument :
BNA_G
ClientSampleId :
B5

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.0	17.7	26.5

