

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG033018\
 Data File : BG033459.D
 Acq On : 30 Mar 2018 22:02
 Operator : SJ/JU
 Sample : J1752-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-01-032918-C

Quant Time: Mar 31 02:31:53 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

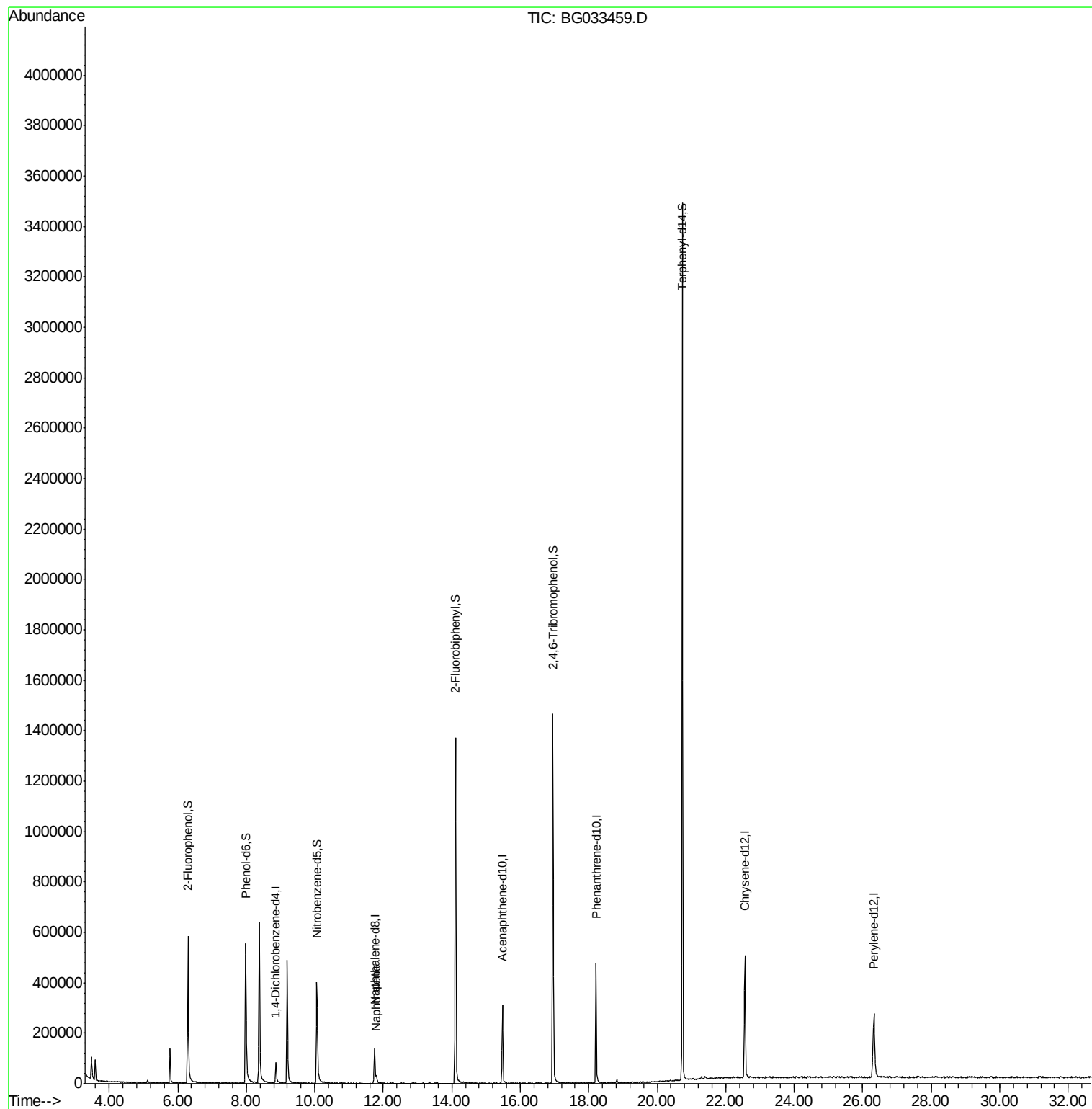
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31684	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	133757	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	112359	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	336731	20.00	ng	0.00
75) Chrysene-d12	22.56	240	352179	20.00	ng	0.00
86) Perylene-d12	26.32	264	369021	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	283423	167.74	ng	0.00
7) Phenol-d6	7.98	99	402082	138.49	ng	0.00
23) Nitrobenzene-d5	10.06	82	319375	109.70	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	293580	174.70	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	795812	102.25	ng	0.00
78) Terphenyl-d14	20.73	244	1704088	103.48	ng	0.00
Target Compounds						
31) Naphthalene	11.80	128	23929	3.452	ng	Qvalue # 92

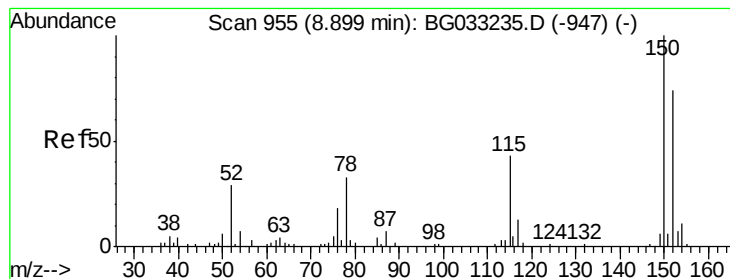
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

Instrument :

BNA_G

ClientSampleId :

NB-01-032918-C

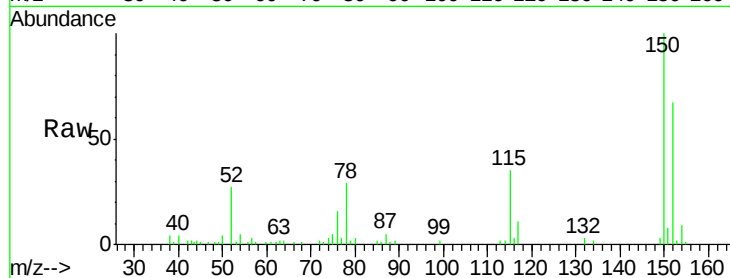
Tot Ion:152 Resp: 31684

Ion Ratio Lower Upper

152 100

150 148.3 126.6 189.8

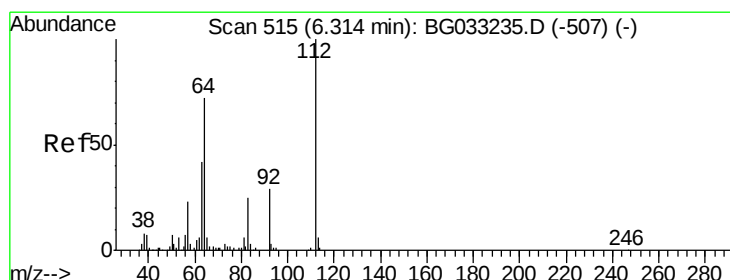
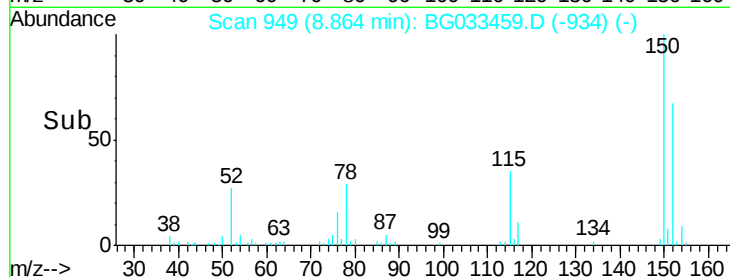
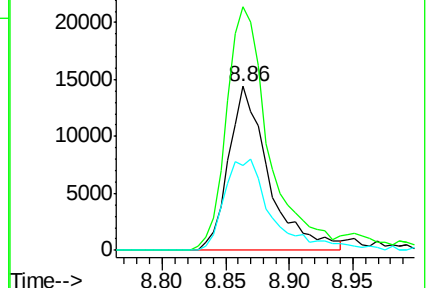
115 51.7 53.0 79.4#



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: 167.735 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

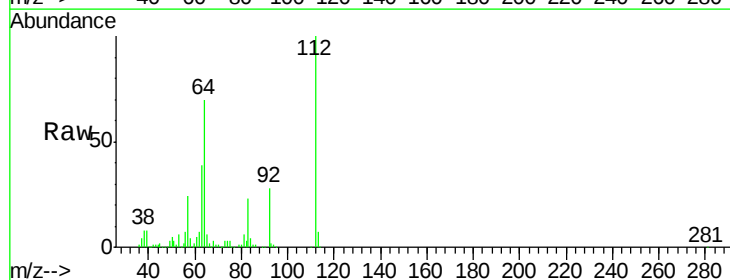
Tgt Ion:112 Resp: 283423

Ion Ratio Lower Upper

112 100

64 69.6 56.3 84.5

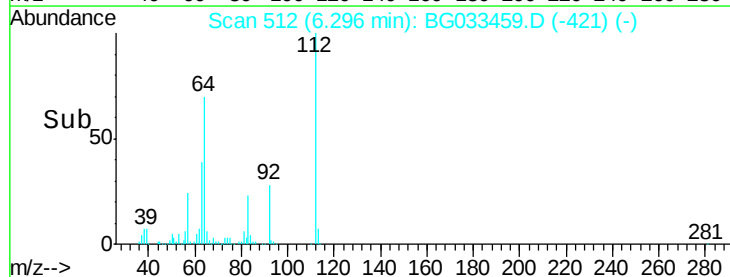
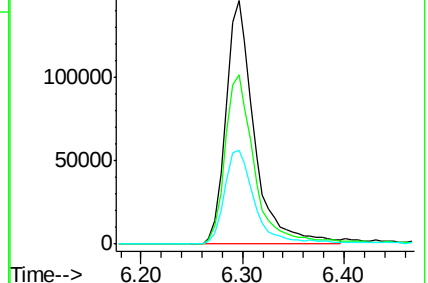
63 38.6 30.1 45.1

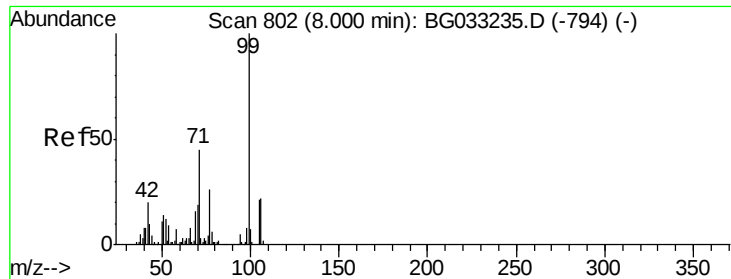


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.493 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

Instrument :

BNA_G

ClientSampleId :

NB-01-032918-C

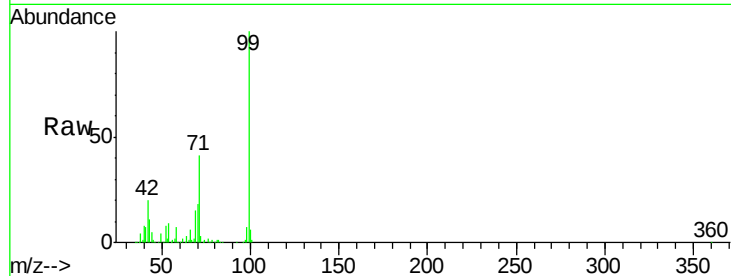
Tot Ion: 99 Resp: 402082

Ion Ratio Lower Upper

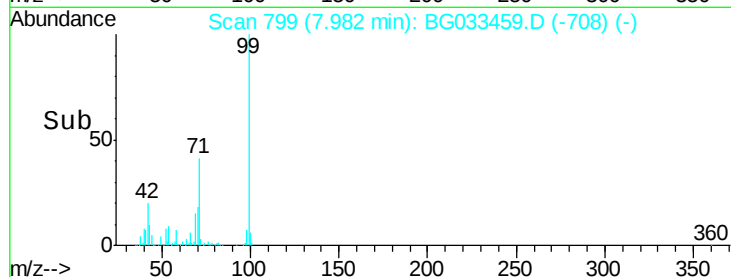
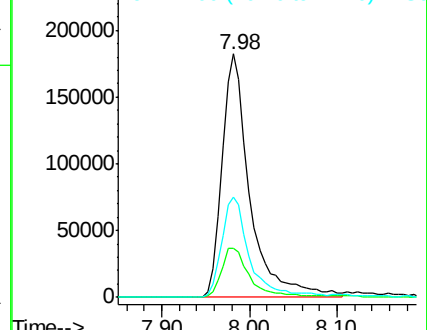
99 100

42 20.1 14.1 21.1

71 41.1 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: 11.74 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

Tgt Ion: 136 Resp: 133757

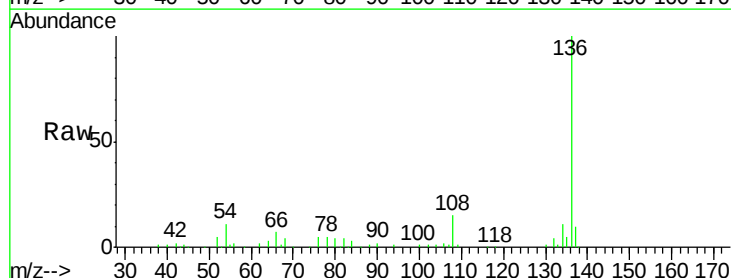
Ion Ratio Lower Upper

136 100

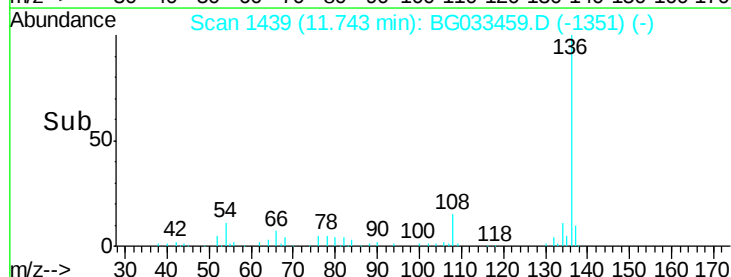
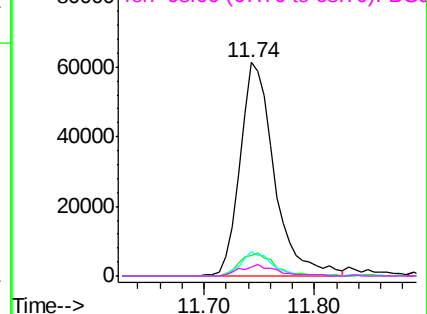
137 9.8 9.2 13.8

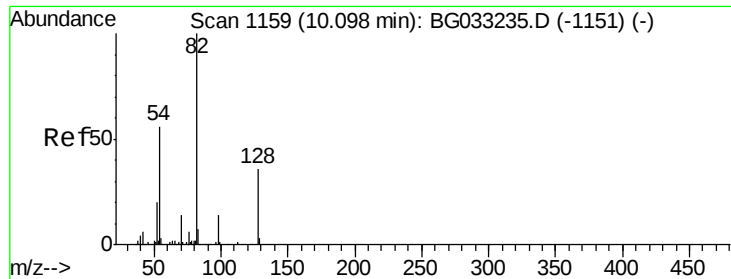
54 11.3 10.3 15.5

68 4.3 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: 109.702 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

Instrument :

BNA_G

ClientSampleId :

NB-01-032918-C

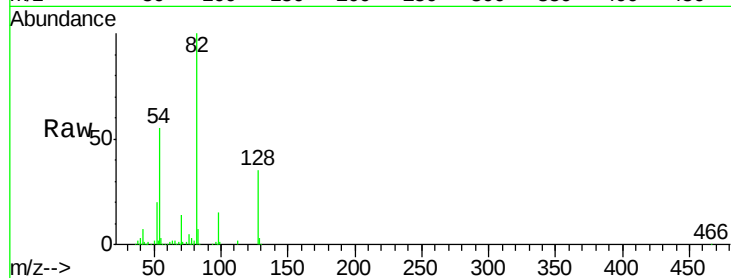
Tot Ion: 82 Resp: 319375

Ion Ratio Lower Upper

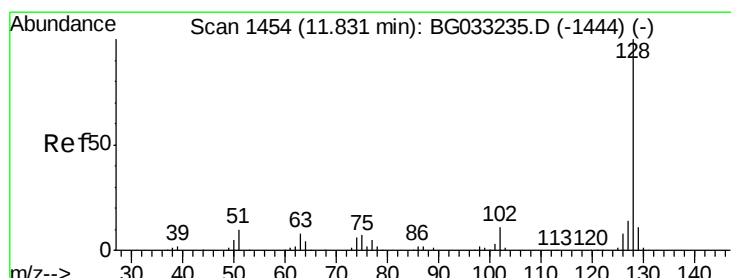
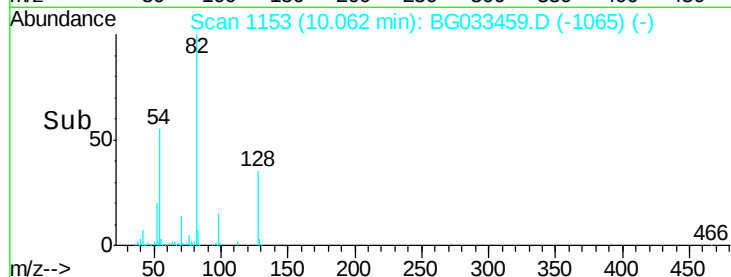
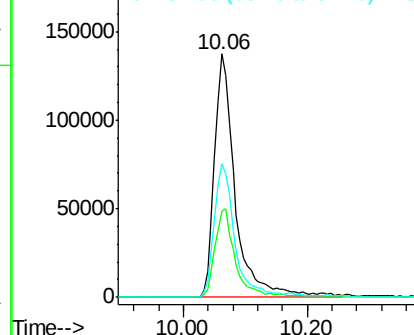
82 100

128 35.3 29.7 44.5

54 54.9 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#31

Naphthalene

Concen: 3.452 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

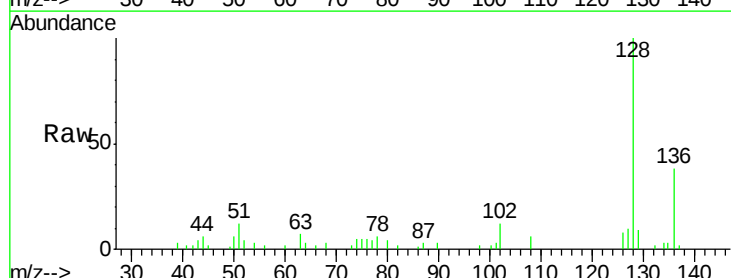
Tgt Ion: 128 Resp: 23929

Ion Ratio Lower Upper

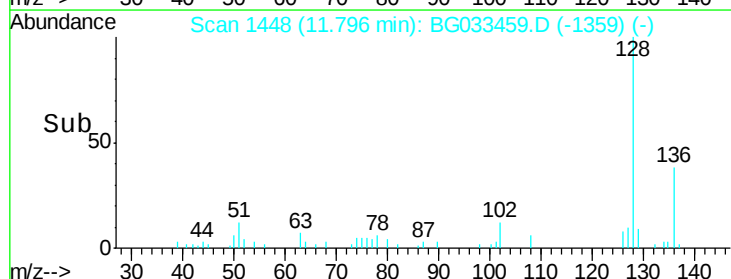
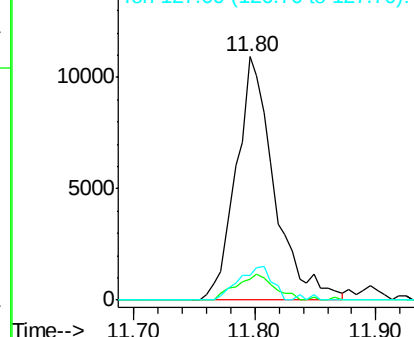
128 100

129 8.6 8.6 12.8

127 10.1 11.6 17.4#



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC

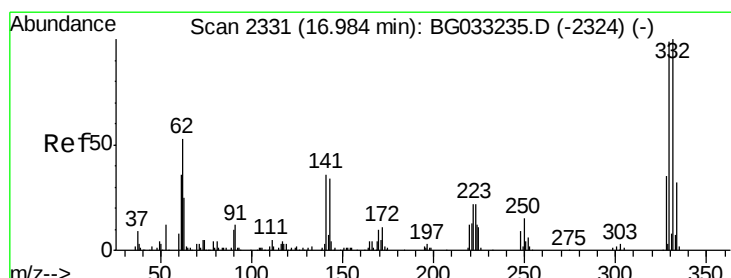
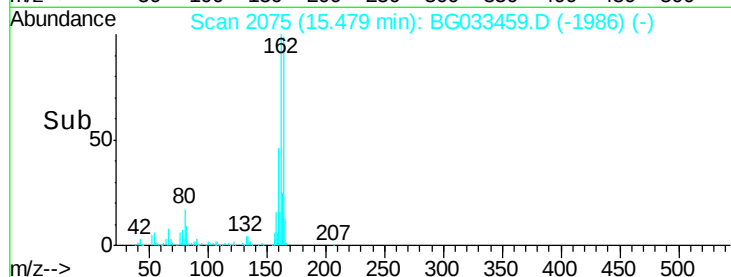
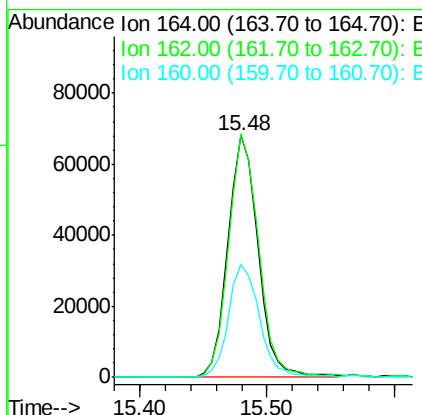
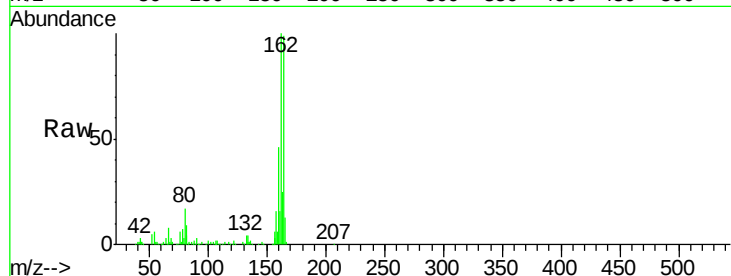




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2075
Delta R.T. -0.01 min
Lab File: BG033459.D
Acq: 30 Mar 2018 22:02

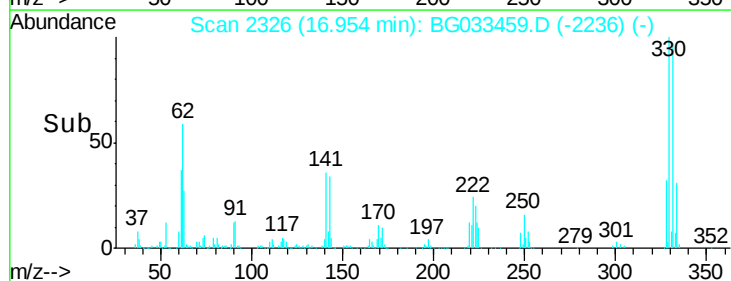
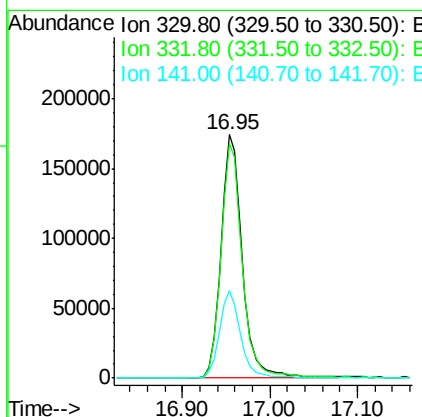
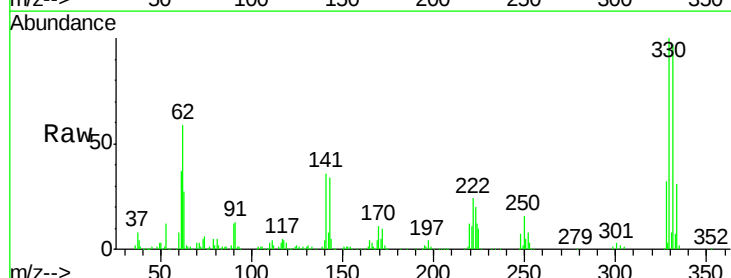
Instrument :
BNA_G
ClientSampleId :
NB-01-032918-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.8	118.2
160	46.8	35.4	53.0



#41
2,4,6-Tribromophenol
Concen: 174.702 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG033459.D
Acq: 30 Mar 2018 22:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.5	25.2	37.8

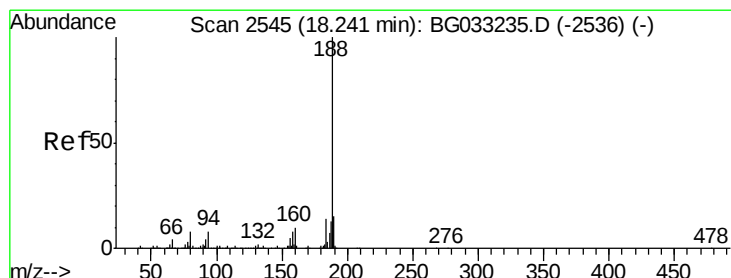
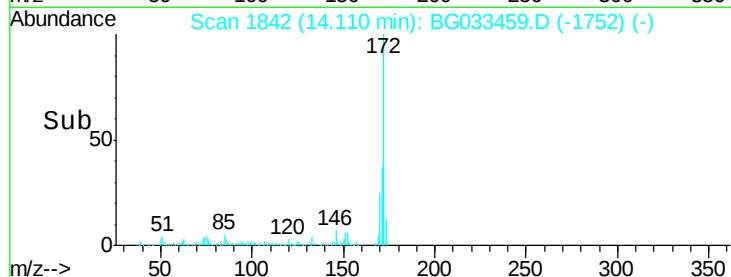
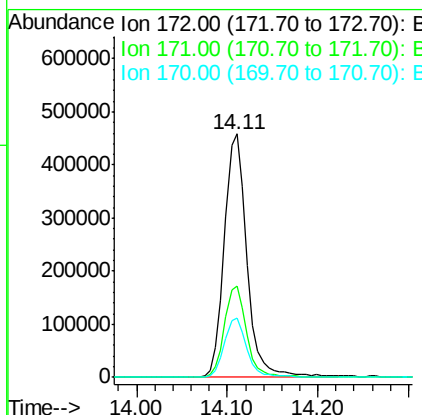
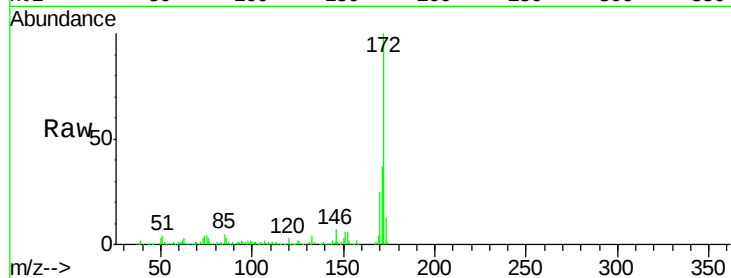




#44
 2-Fluorobiphenyl
 Concen: 102.249 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033459.D
 Acq: 30 Mar 2018 22:02

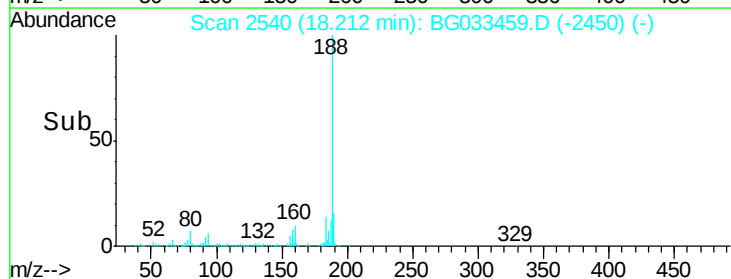
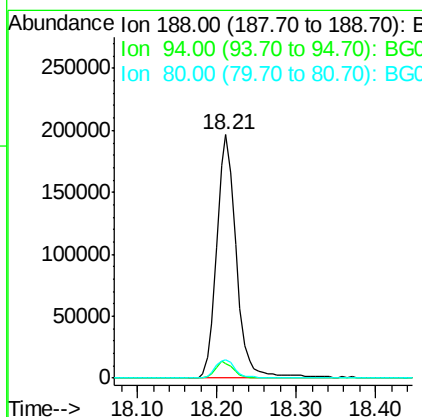
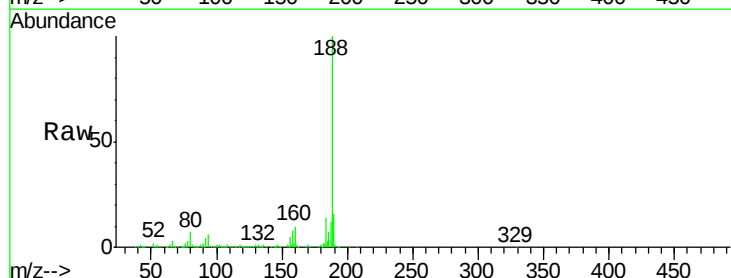
Instrument :
 BNA_G
 ClientSampleId :
 NB-01-032918-C

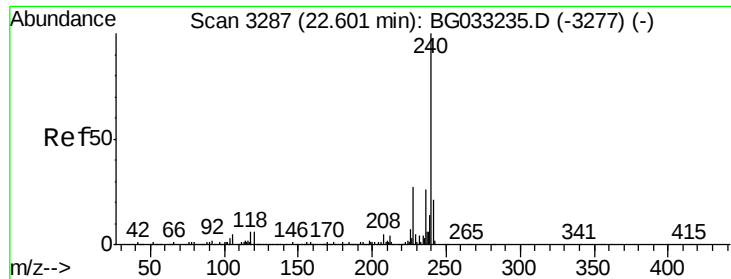
Tot Ion:172 Resp: 795812
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033459.D
 Acq: 30 Mar 2018 22:02

Tgt Ion:188 Resp: 336731
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.4 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

Instrument :

BNA_G

ClientSampleId :

NB-01-032918-C

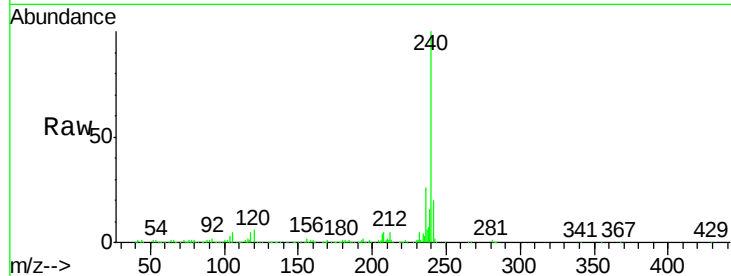
Tot Ion:240 Resp: 352179

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

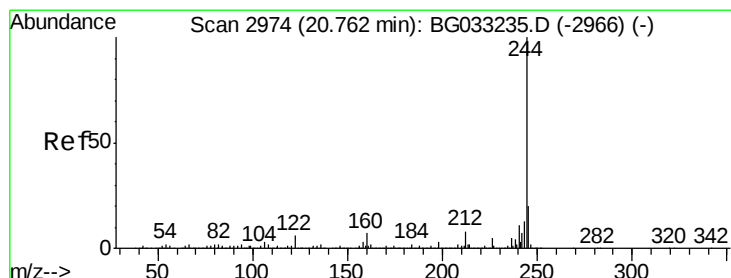
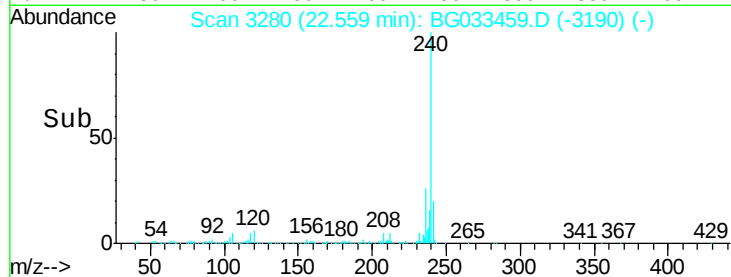
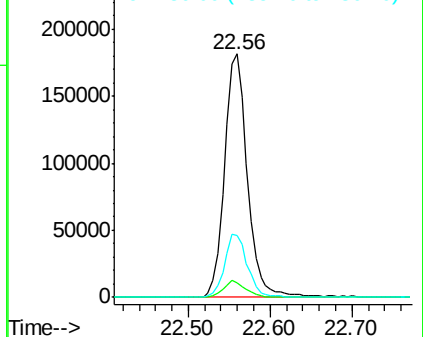
236 25.5 20.9 31.3



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: 103.481 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033459.D

Acq: 30 Mar 2018 22:02

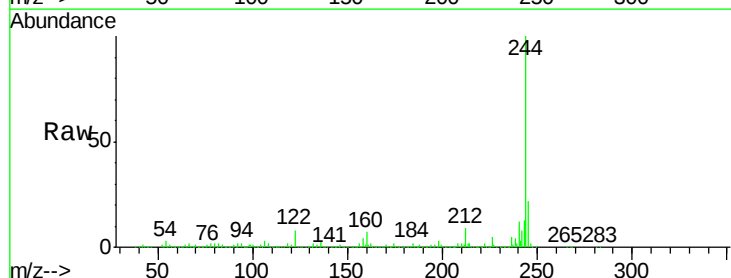
Tgt Ion:244 Resp: 1704088

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

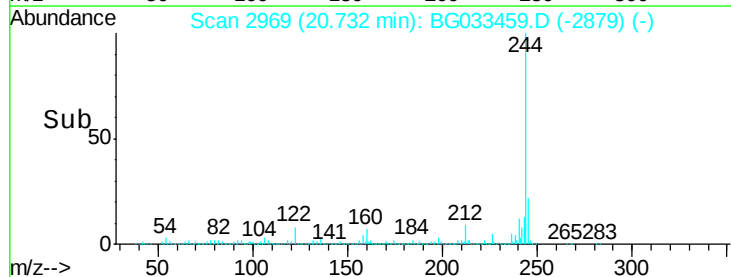
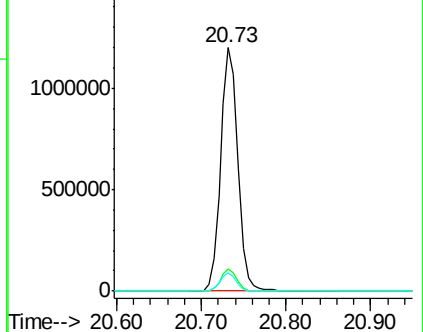
122 7.8 7.0 10.4



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

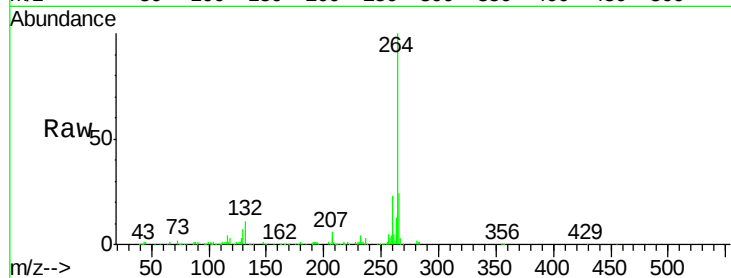




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033459.D
Acq: 30 Mar 2018 22:02

Instrument :
BNA_G
ClientSampleId :
NB-01-032918-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	24.0	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

