

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
 Data File : BG033777.D
 Acq On : 12 Apr 2018 18:02
 Operator : SJ/JU
 Sample : J2162-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-041118-A

Quant Time: Apr 13 03:01:45 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30736	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	135776	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	97024	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	269095	20.00	ng	0.00
75) Chrysene-d12	22.55	240	291576	20.00	ng	0.00
86) Perylene-d12	26.31	264	313651	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	281837	171.94	ng	0.00
7) Phenol-d6	7.97	99	387406	137.55	ng	0.00
23) Nitrobenzene-d5	10.06	82	298051	100.85	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	224126	154.45	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	678748	100.99	ng	0.00
78) Terphenyl-d14	20.72	244	1473780	108.10	ng	0.00

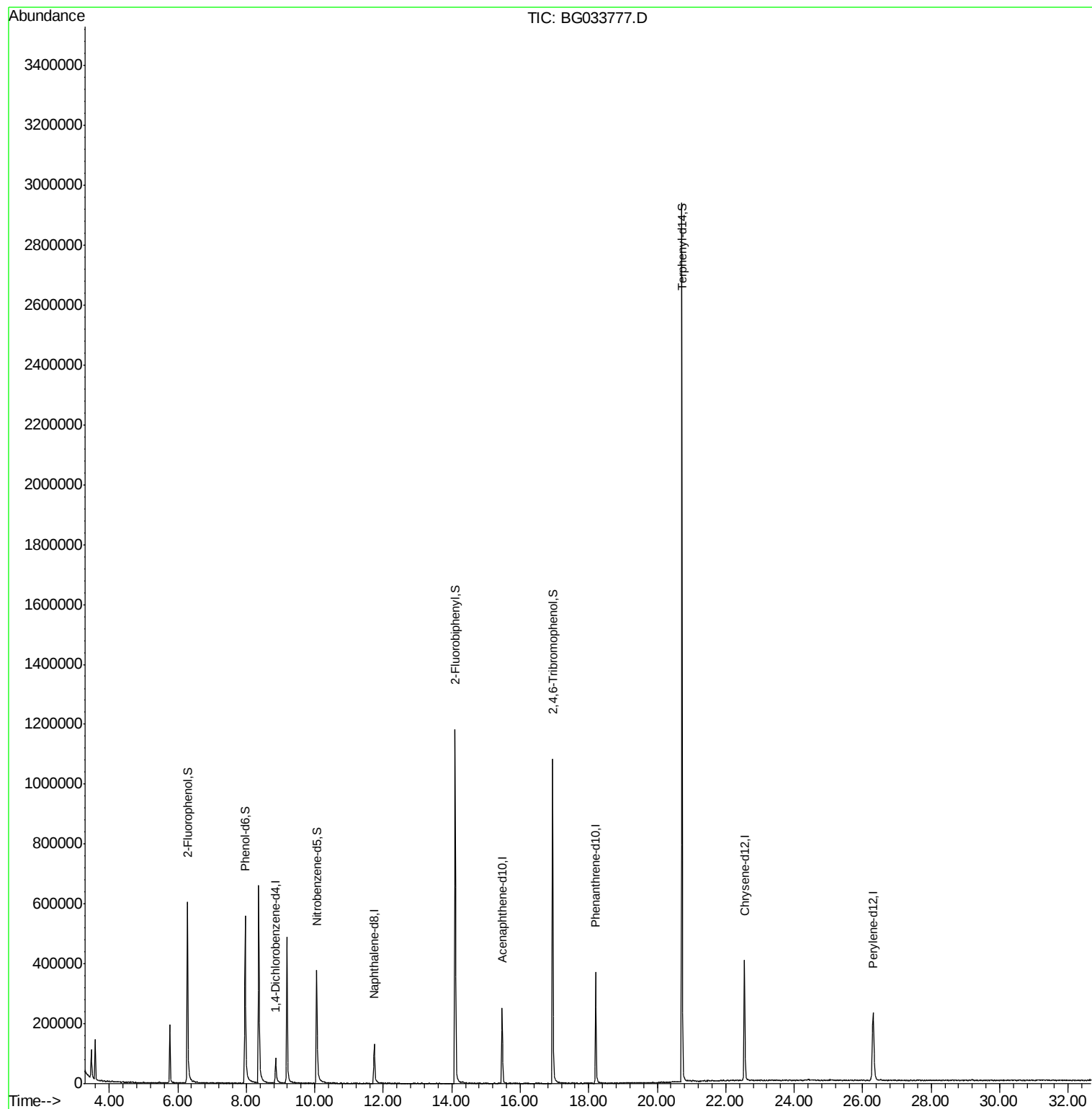
Target Compounds Qvalue

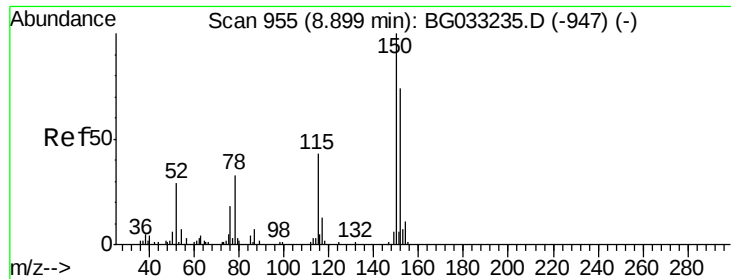
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041218\
Data File : BG033777.D
Acq On : 12 Apr 2018 18:02
Operator : SJ/JU
Sample : J2162-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-041118-A

Quant Time: Apr 13 03:01:45 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-A

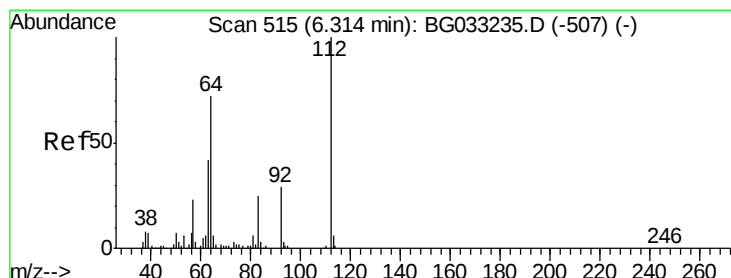
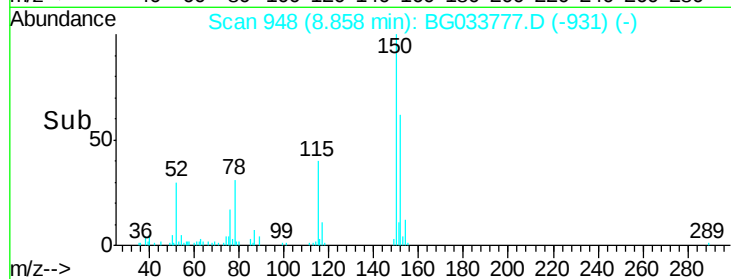
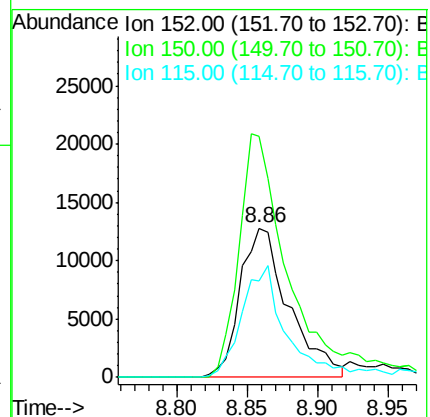
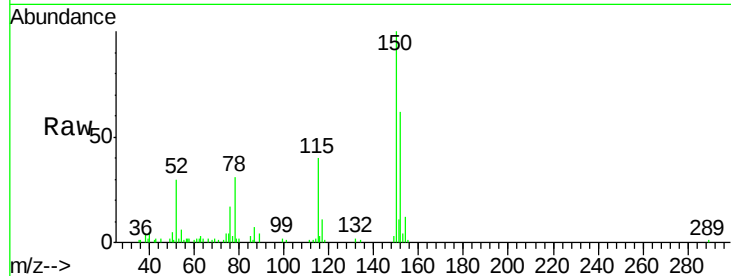
Tot Ion:152 Resp: 30736

Ion Ratio Lower Upper

152 100

150 161.3 126.6 189.8

115 64.8 53.0 79.4



#5

2-Fluorophenol

Concen: 171.941 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

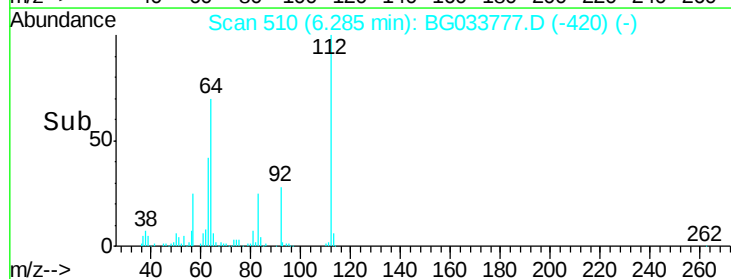
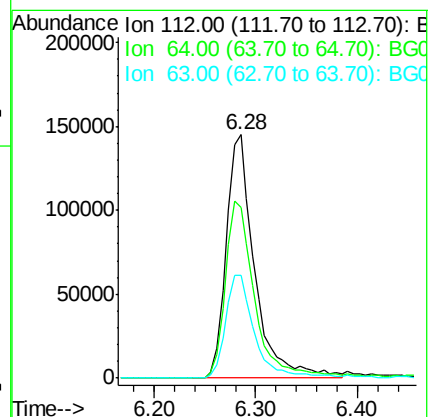
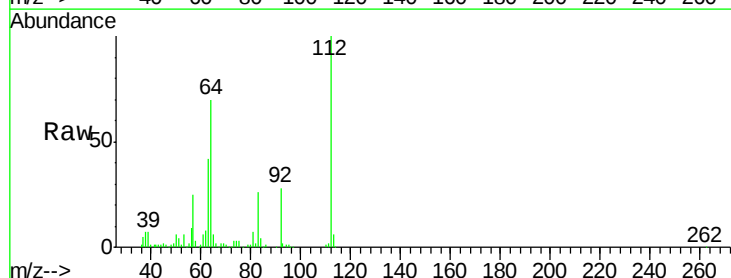
Tgt Ion:112 Resp: 281837

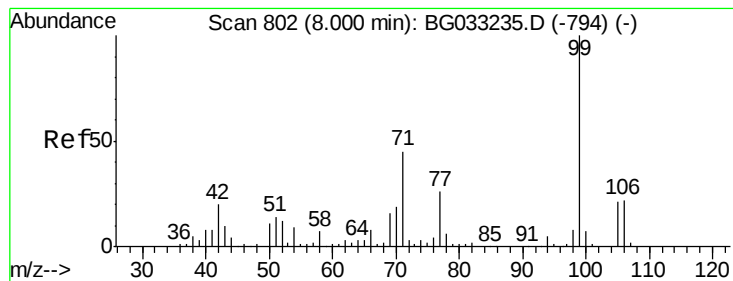
Ion Ratio Lower Upper

112 100

64 70.2 56.3 84.5

63 42.4 30.1 45.1





#7

Phenol-d6

Concen: 137.554 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-A

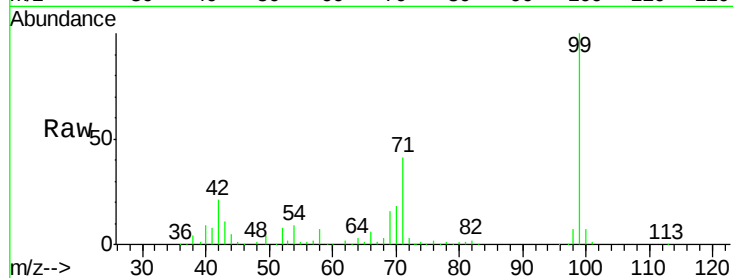
Tot Ion: 99 Resp: 387406

Ion Ratio Lower Upper

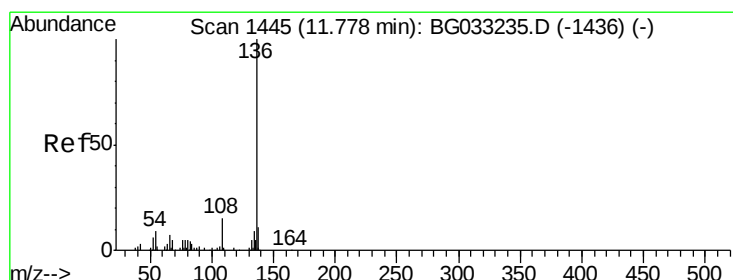
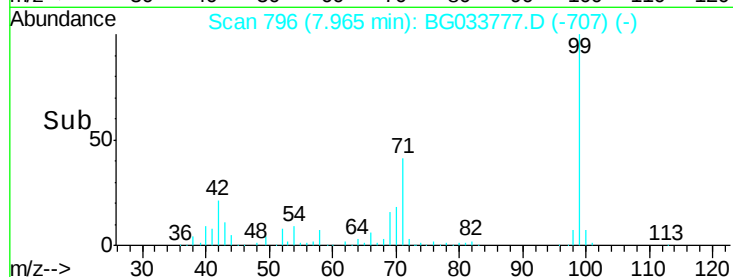
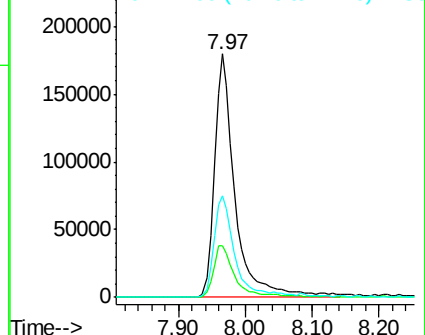
99 100

42 21.0 14.1 21.1

71 41.5 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# 1438

Delta R.T. 0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

Tgt Ion: 136 Resp: 135776

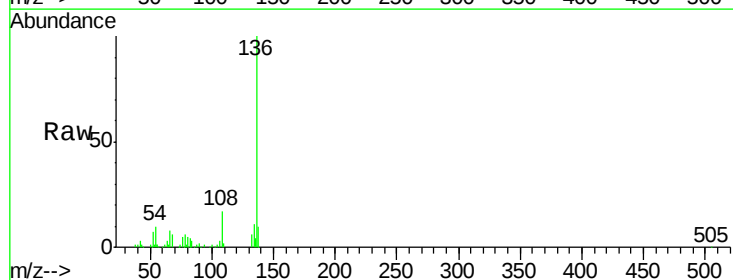
Ion Ratio Lower Upper

136 100

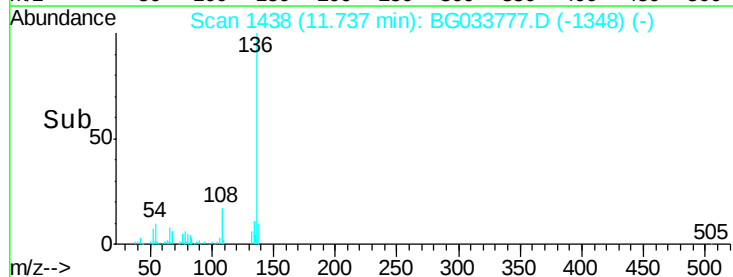
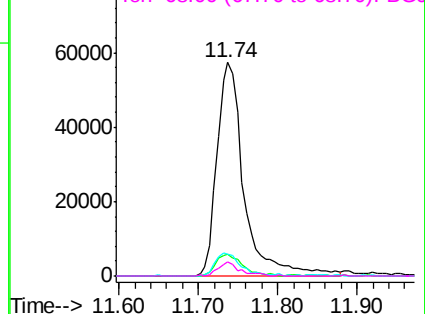
137 10.3 9.2 13.8

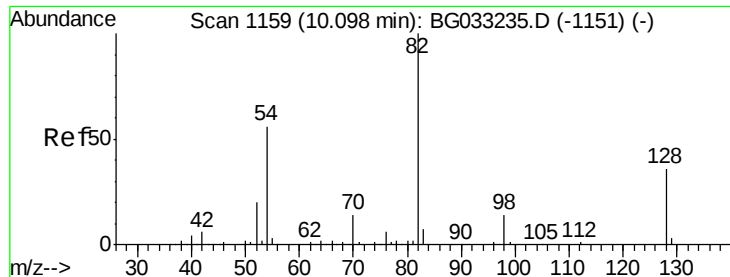
54 10.4 10.3 15.5

68 6.4 4.5 6.7



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

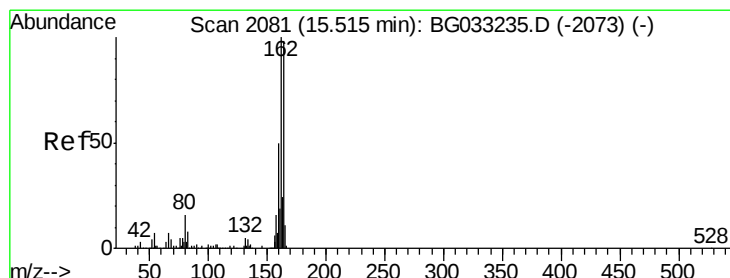
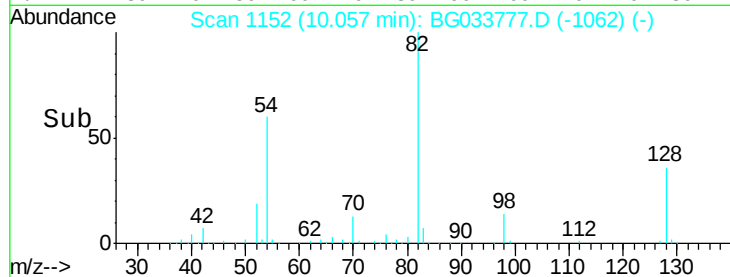
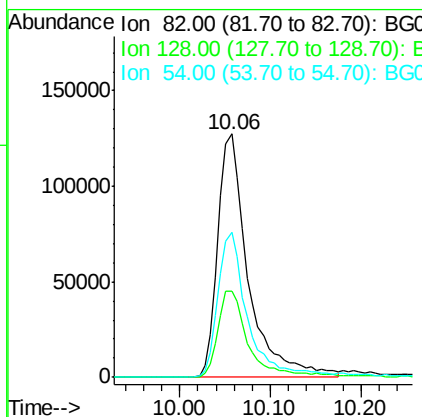
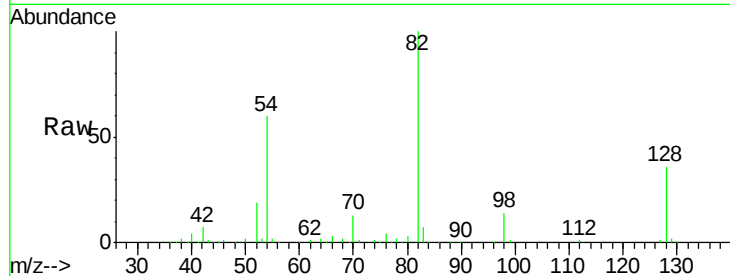




#23
 Nitrobenzene-d5
 Concen: 100.855 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033777.D
 Acq: 12 Apr 2018 18:02

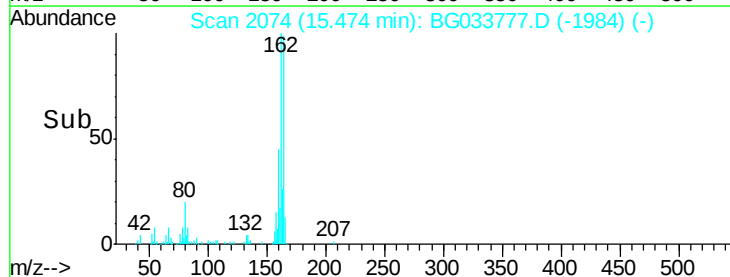
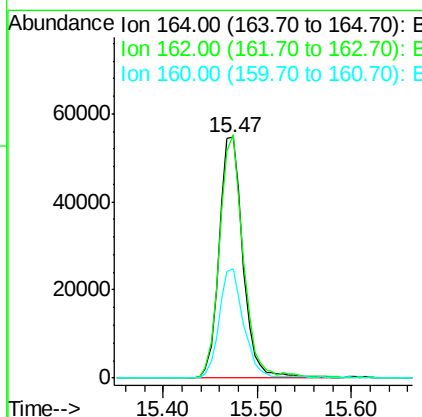
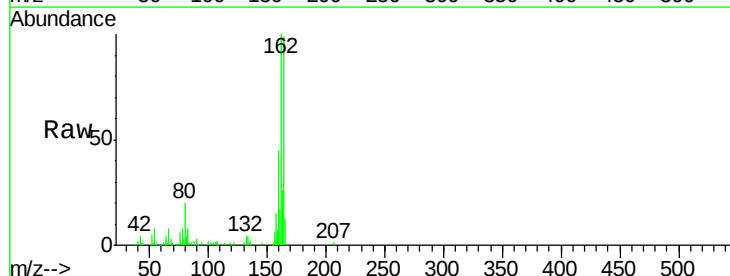
Instrument :
 BNA_G
 ClientSampleId :
 EO-01-041118-A

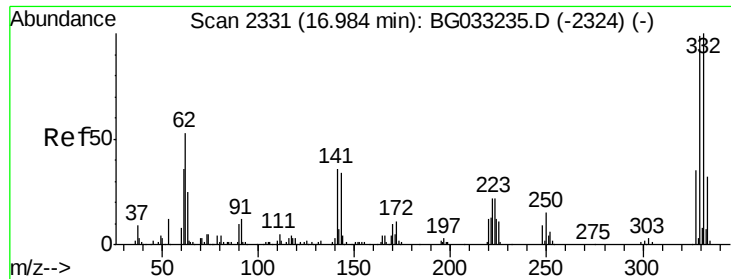
Tot Ion: 82 Resp: 298051
 Ion Ratio Lower Upper
 82 100
 128 35.6 29.7 44.5
 54 59.7 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033777.D
 Acq: 12 Apr 2018 18:02

Tgt Ion:164 Resp: 97024
 Ion Ratio Lower Upper
 164 100
 162 101.1 78.8 118.2
 160 45.3 35.4 53.0

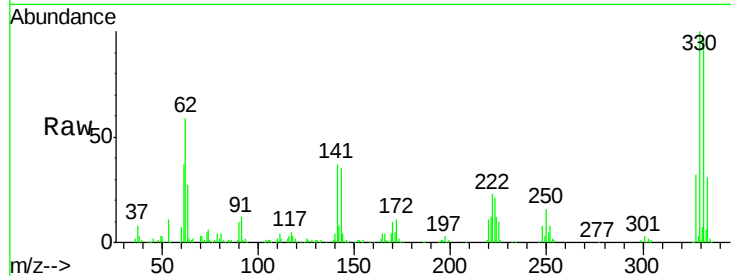




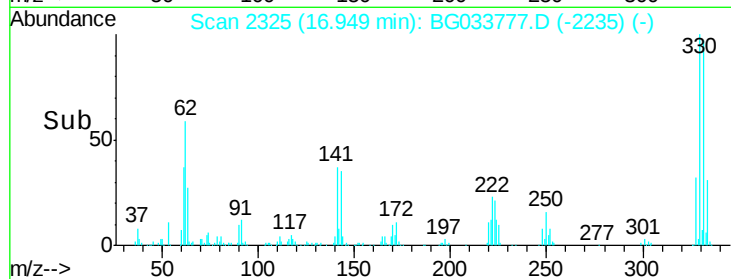
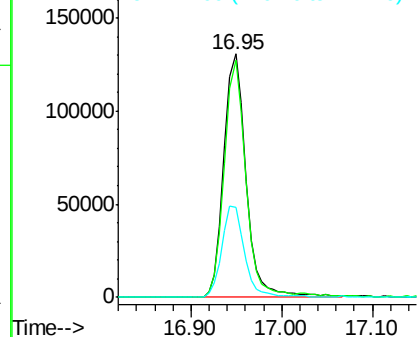
#41
 2,4,6-Tribromophenol
 Concen: 154.452 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033777.D
 Acq: 12 Apr 2018 18:02

Instrument :
 BNA_G
 ClientSampleId :
 EO-01-041118-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	38.0	25.2	37.8#

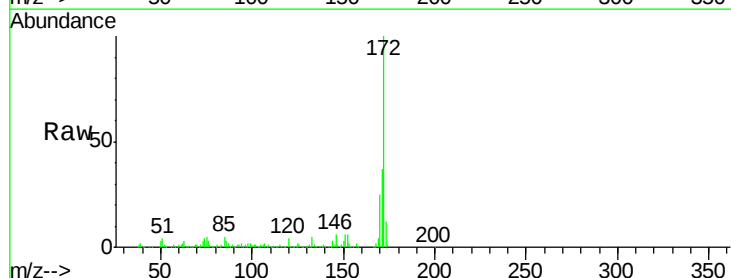


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

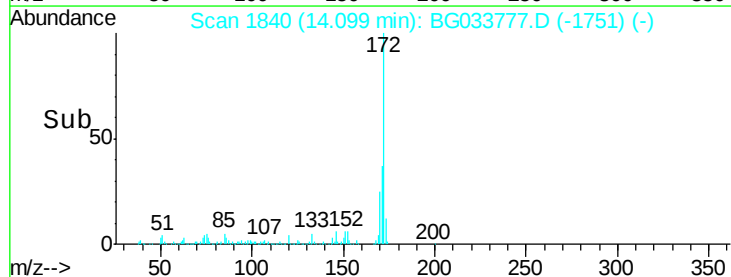
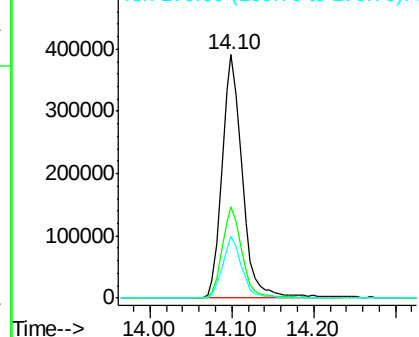


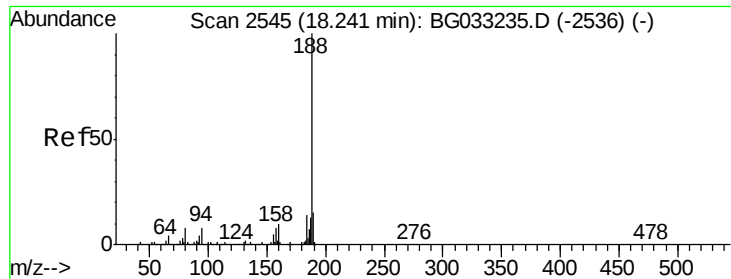
#44
 2-Fluorobiphenyl
 Concen: 100.992 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033777.D
 Acq: 12 Apr 2018 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	25.2	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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-A

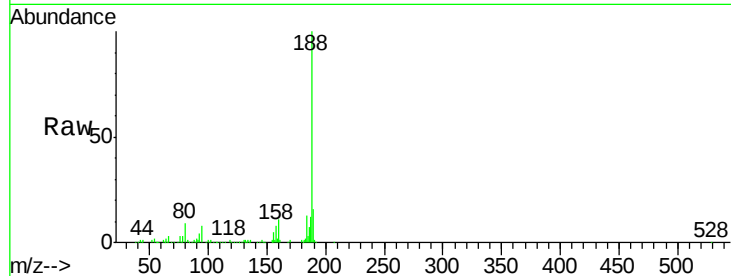
Tot Ion:188 Resp: 269095

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

80 8.9 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

200000

150000

100000

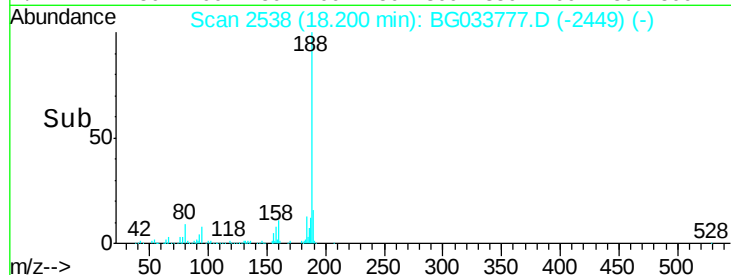
50000

0

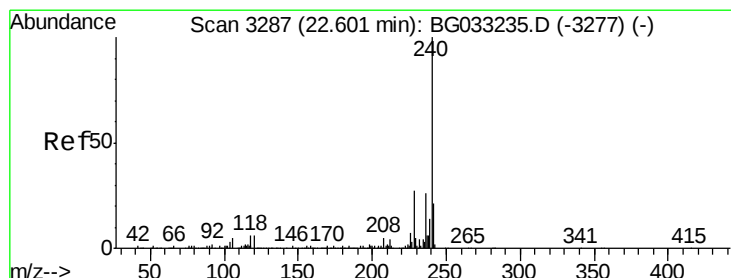
18.10

18.20

18.30



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

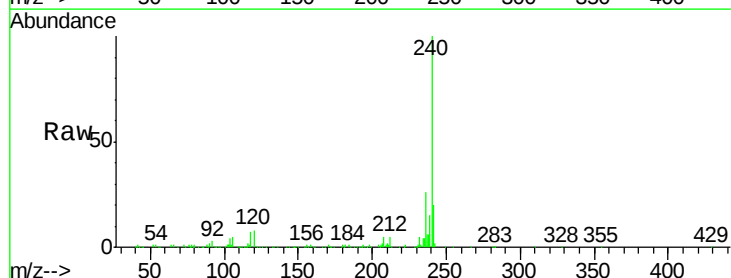
Tgt Ion:240 Resp: 291576

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

236 25.6 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

200000

150000

100000

50000

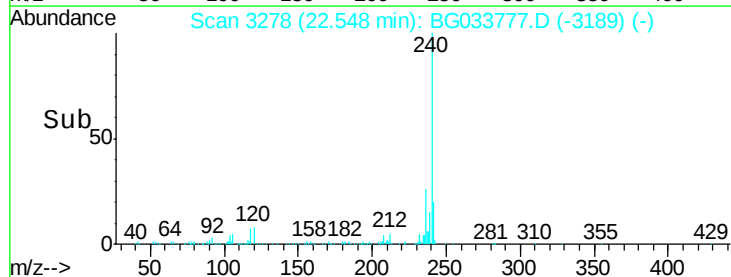
0

22.50

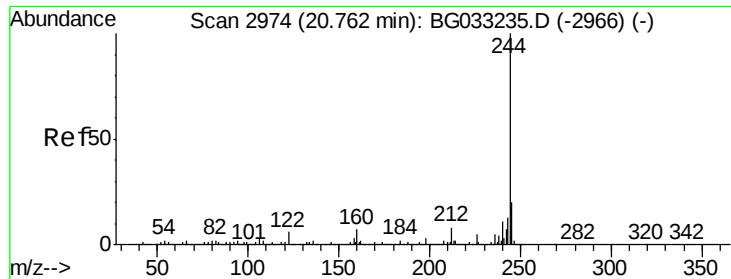
22.55

22.60

22.70



Time-->



#78

Terphenyl-d14

Concen: 108.097 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

Instrument :

BNA_G

ClientSampleId :

EO-01-041118-A

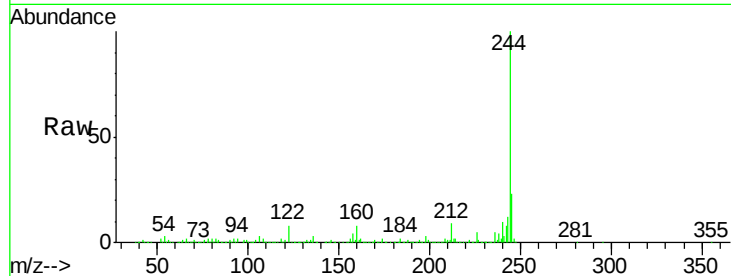
Tot Ion:244 Resp: 1473780

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

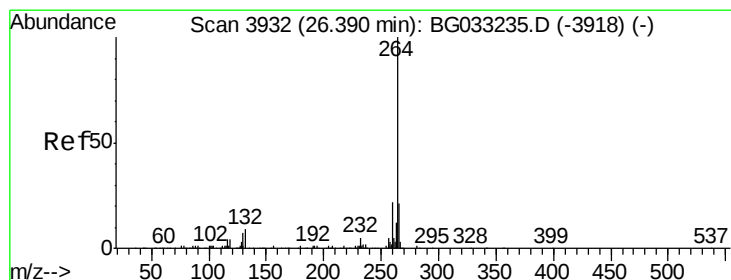
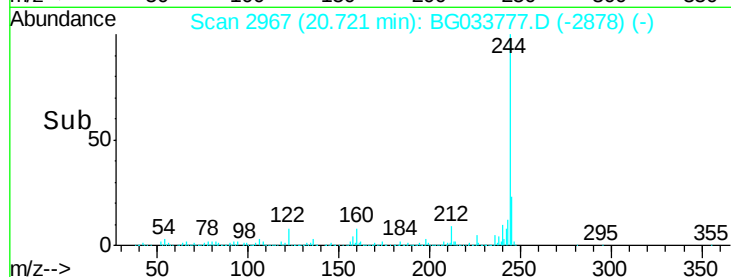
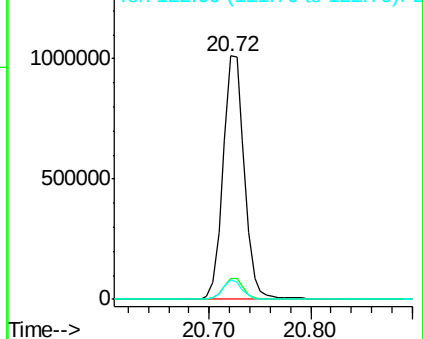
122 8.1 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033777.D

Acq: 12 Apr 2018 18:02

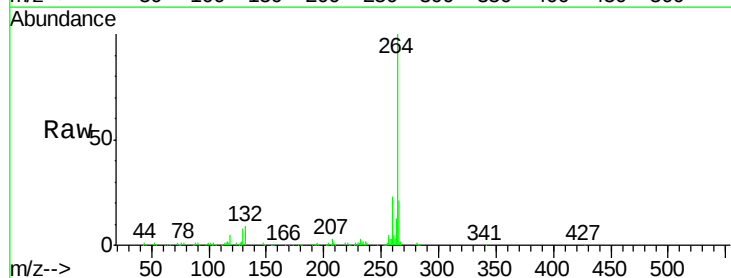
Tgt Ion:264 Resp: 313651

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 21.4 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

