

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033755.D
 Acq On : 11 Apr 2018 21:18
 Operator : SJ/JU
 Sample : J2320-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-D-B

Quant Time: Apr 12 02:03:55 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	27002	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	115512	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	90176	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	261800	20.00	ng	0.00
75) Chrysene-d12	22.55	240	286166	20.00	ng	0.00
86) Perylene-d12	26.30	264	312207	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	73063	50.74	ng	0.00
7) Phenol-d6	7.97	99	76638	30.97	ng	0.00
23) Nitrobenzene-d5	10.05	82	263734	104.90	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	132501	98.24	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	637823	102.11	ng	0.00
78) Terphenyl-d14	20.72	244	1349189	100.83	ng	0.00

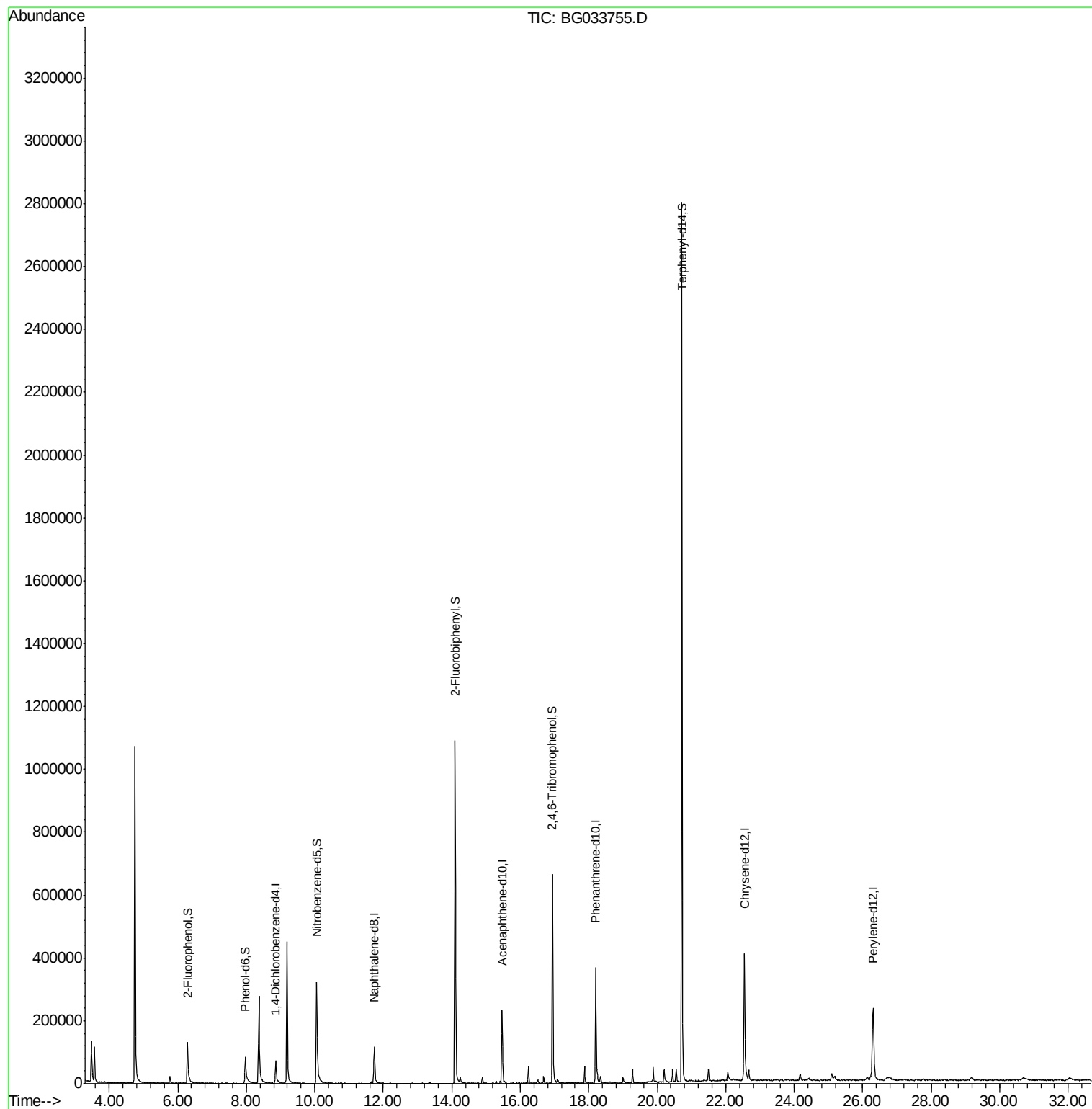
Target Compounds Qvalue

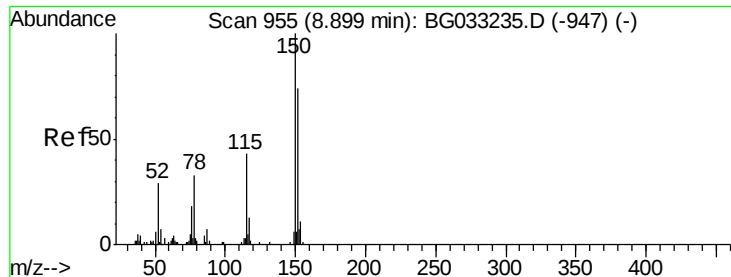
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
Data File : BG033755.D
Acq On : 11 Apr 2018 21:18
Operator : SJ/JU
Sample : J2320-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
040918-JETB-E-D-B

Quant Time: Apr 12 02:03:55 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: BG033755.D

Acq: 11 Apr 2018 21:18

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-B

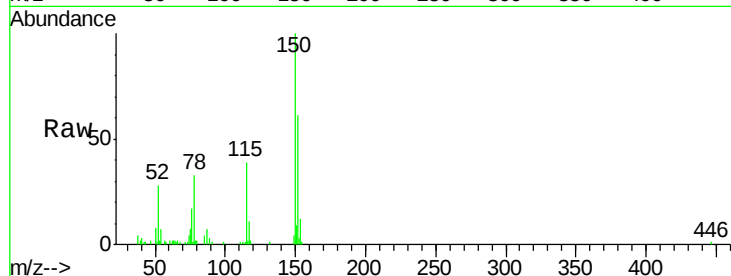
Tot Ion:152 Resp: 27002

Ion Ratio Lower Upper

152 100

150 164.2 126.6 189.8

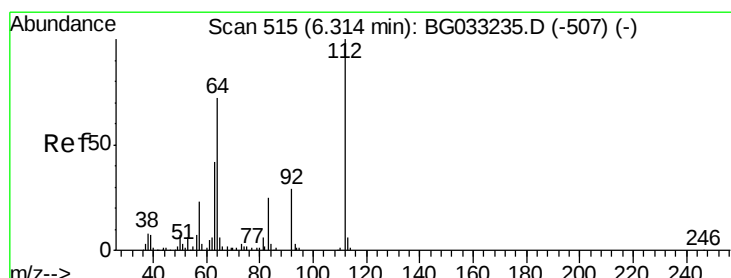
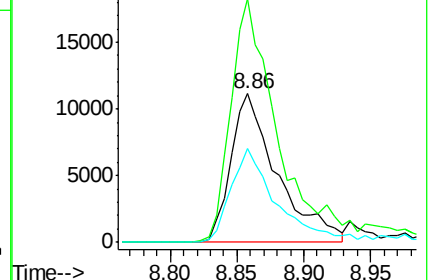
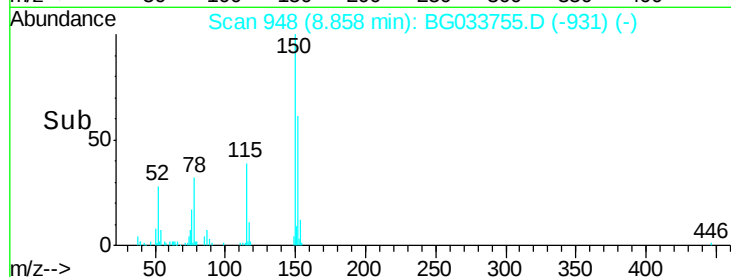
115 63.2 53.0 79.4



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: 50.738 ng

RT: 6.28 min Scan# 510

Delta R.T. 0.00 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

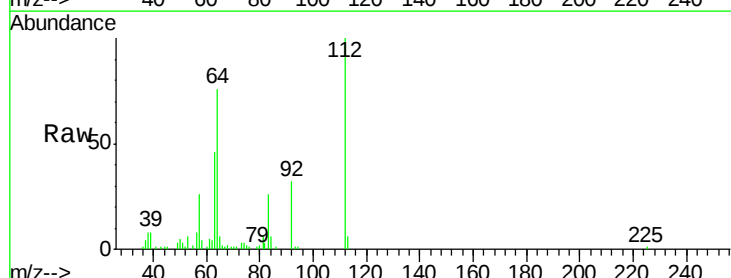
Tgt Ion:112 Resp: 73063

Ion Ratio Lower Upper

112 100

64 75.6 56.3 84.5

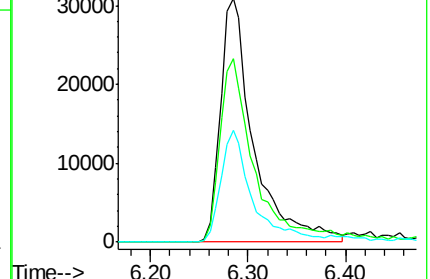
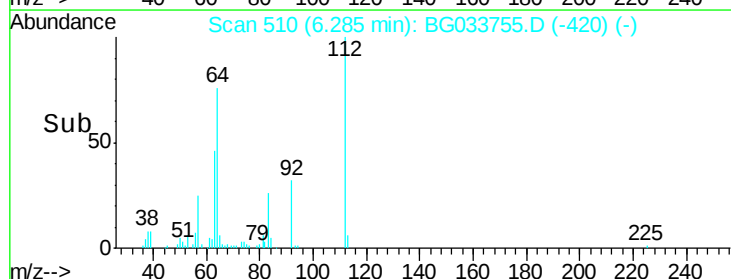
63 46.1 30.1 45.1#

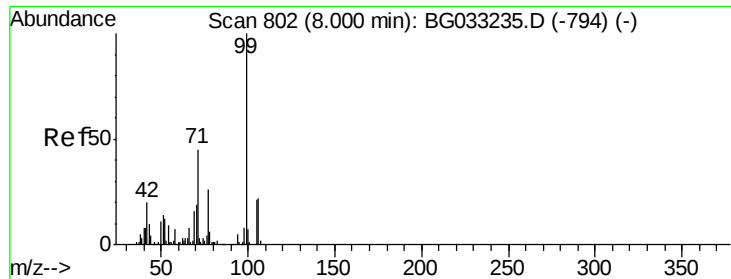


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.974 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-B

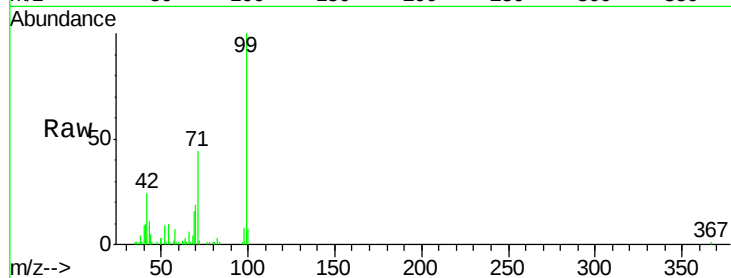
Tot Ion: 99 Resp: 76638

Ion Ratio Lower Upper

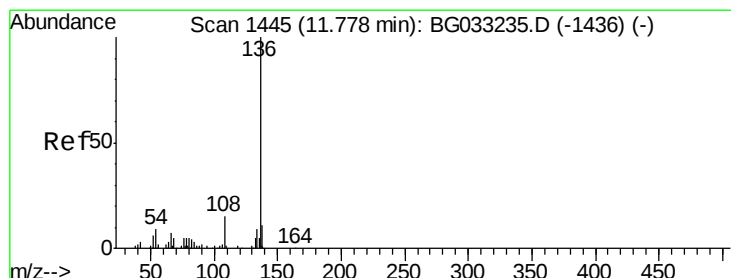
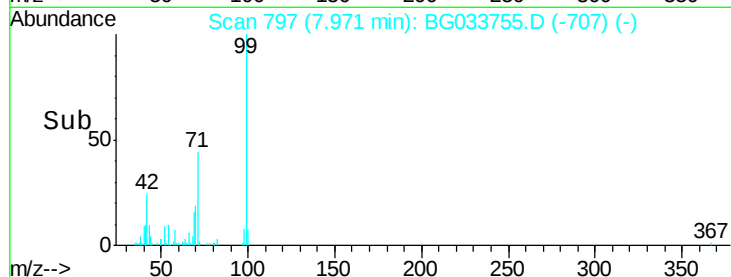
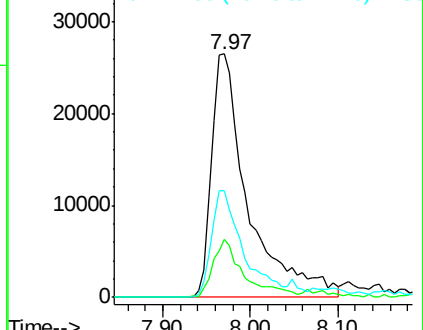
99 100

42 23.7 14.1 21.1#

71 43.6 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: BG033755.D

Acq: 11 Apr 2018 21:18

Tgt Ion: 136 Resp: 115512

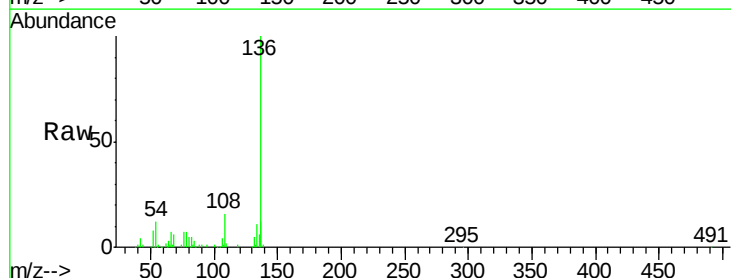
Ion Ratio Lower Upper

136 100

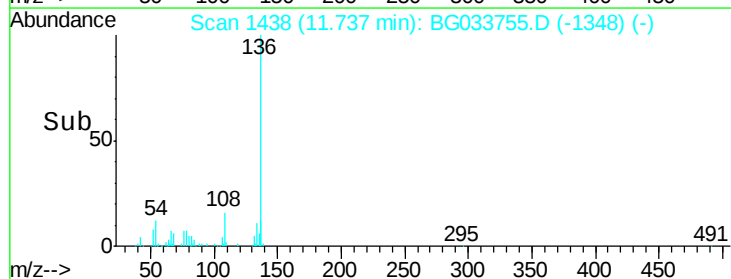
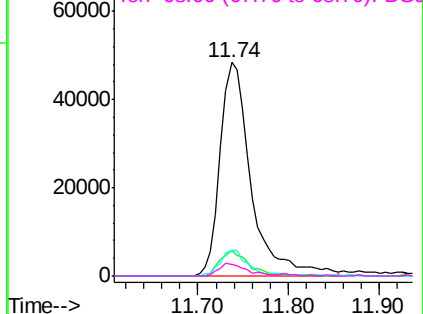
137 12.3 9.2 13.8

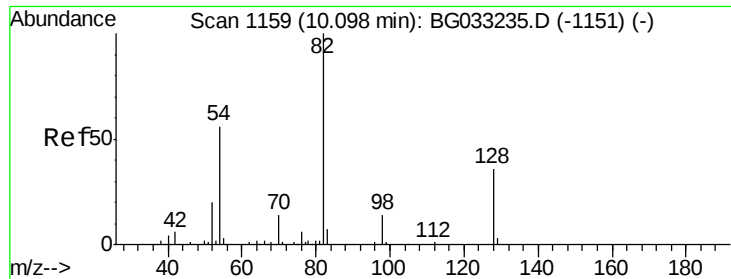
54 11.8 10.3 15.5

68 5.5 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: 104.898 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-B

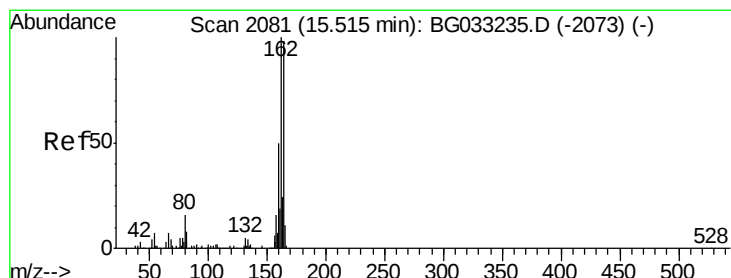
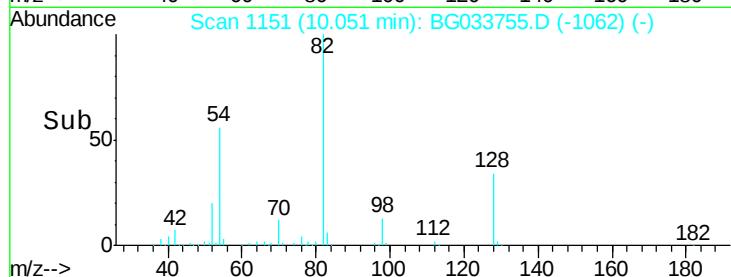
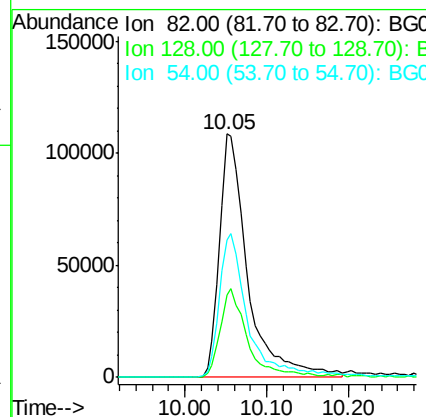
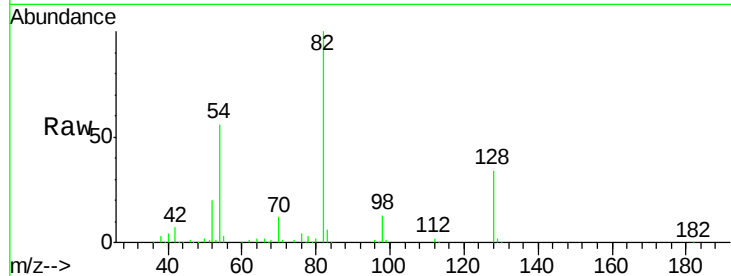
Tot Ion: 82 Resp: 263734

Ion Ratio Lower Upper

82 100

128 33.9 29.7 44.5

54 56.2 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: BG033755.D

Acq: 11 Apr 2018 21:18

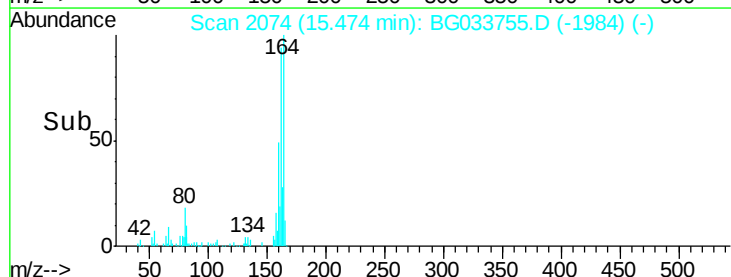
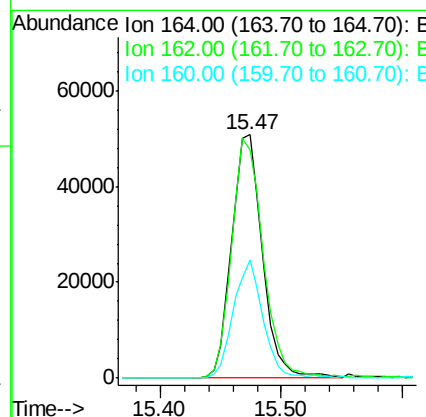
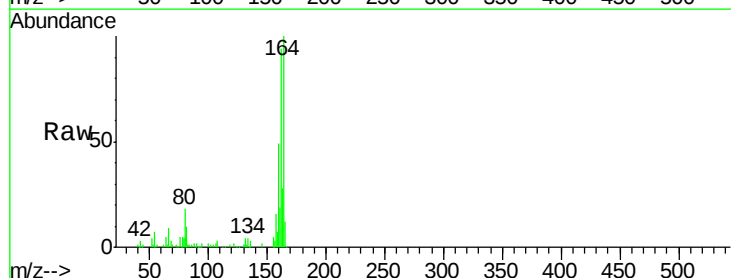
Tgt Ion:164 Resp: 90176

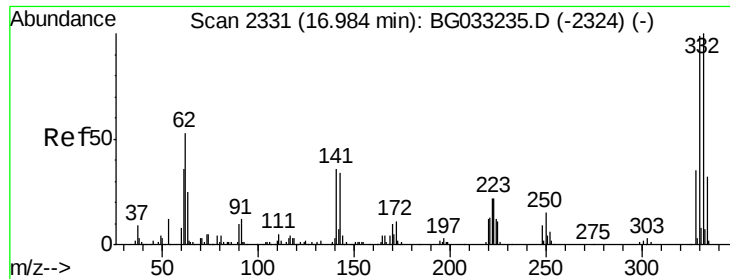
Ion Ratio Lower Upper

164 100

162 93.7 78.8 118.2

160 48.7 35.4 53.0

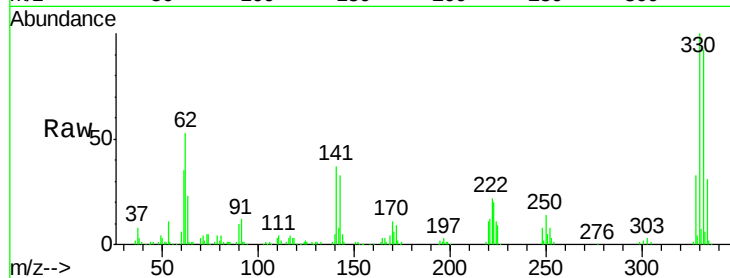




#41
 2,4,6-Tribromophenol
 Concen: 98.244 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033755.D
 Acq: 11 Apr 2018 21:18

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	39.5	25.2	37.8#

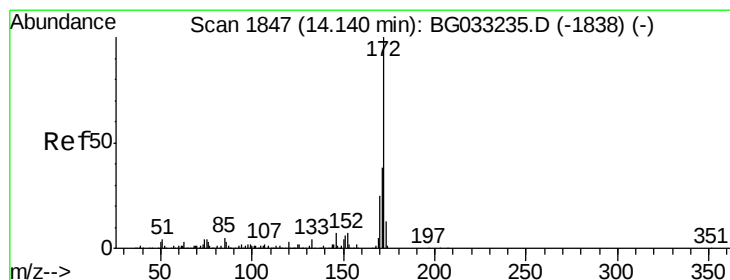
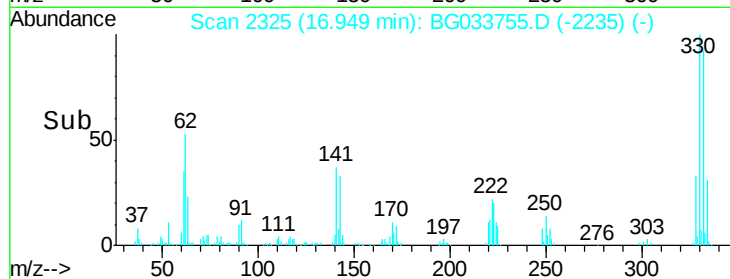
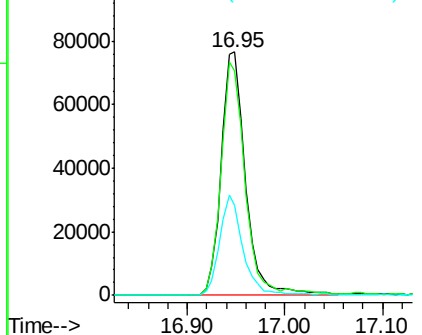


Abundance

Ion 329.80 (329.50 to 330.50): E

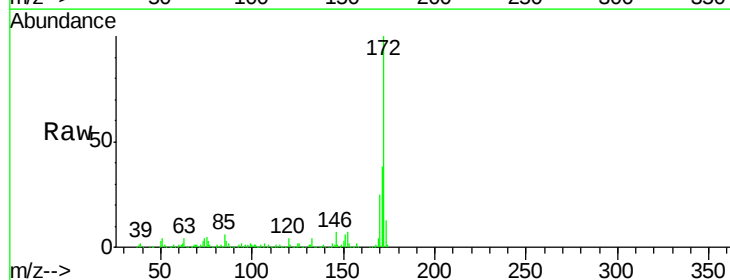
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 102.110 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033755.D
 Acq: 11 Apr 2018 21:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	25.3	19.5	29.3

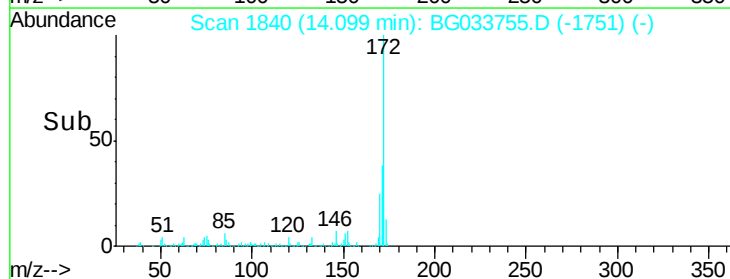
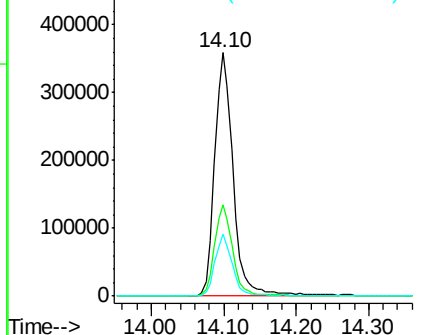


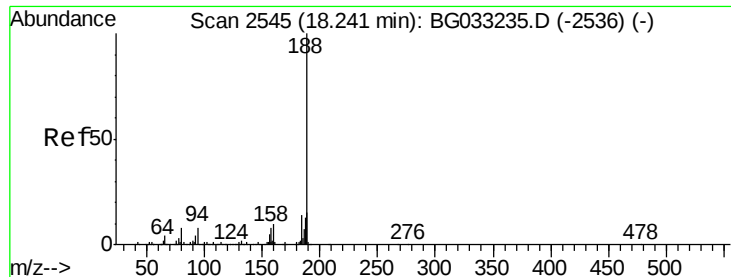
Abundance

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. -0.01 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-B

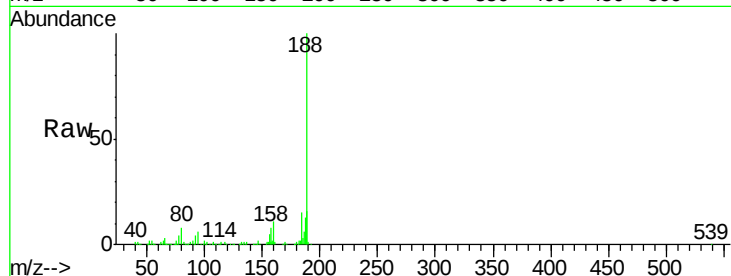
Tot Ion:188 Resp: 261800

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

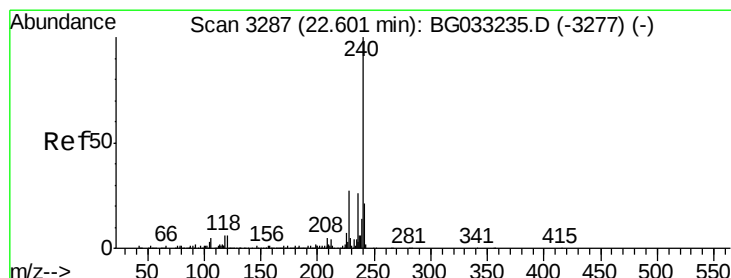
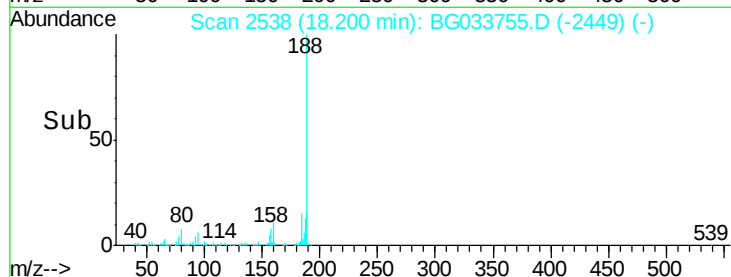
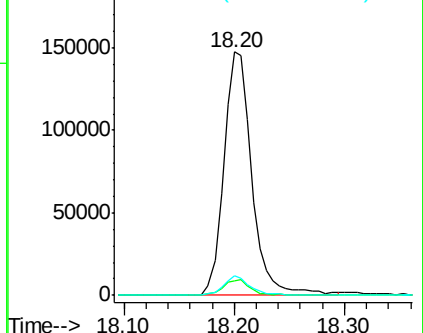
80 7.9 7.7 11.5



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

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3278

Delta R.T. -0.01 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

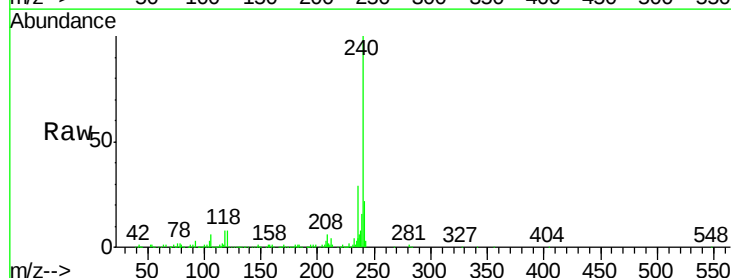
Tgt Ion:240 Resp: 286166

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

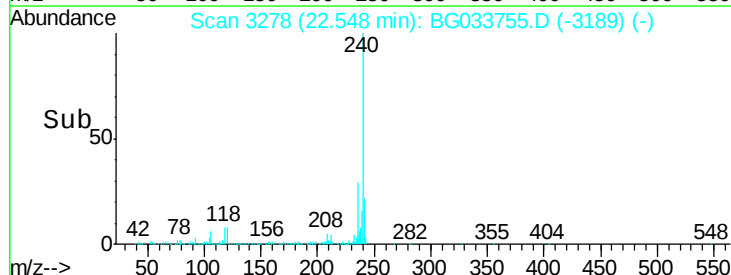
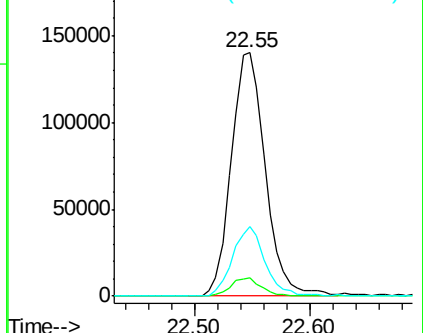
236 28.8 20.9 31.3

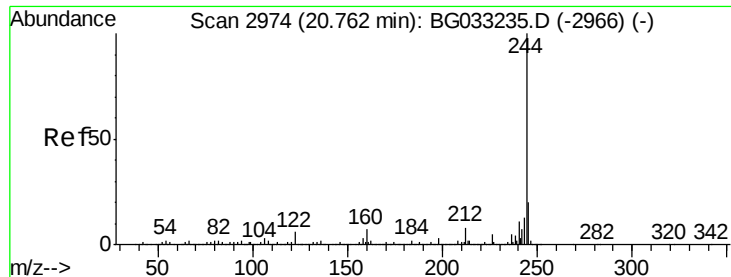


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.829 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.01 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-B

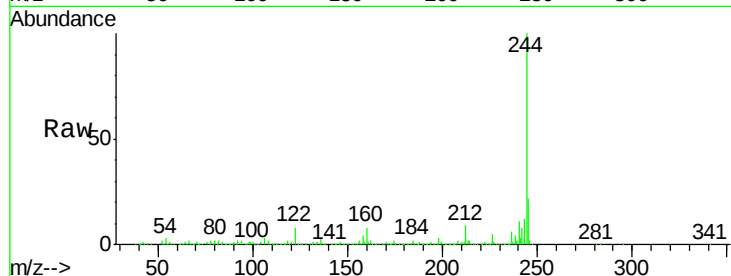
Tot Ion:244 Resp: 1349189

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

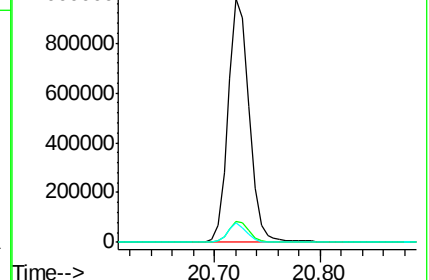
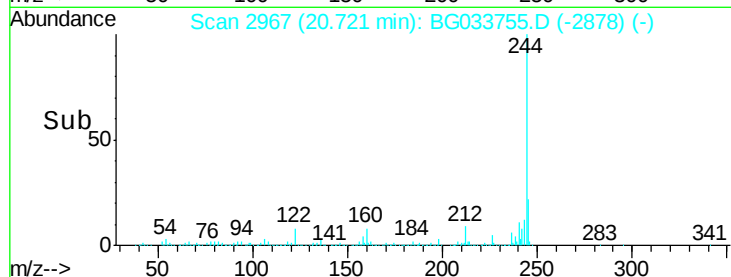
122 7.9 7.0 10.4



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: 26.30 min Scan# 3917

Delta R.T. -0.01 min

Lab File: BG033755.D

Acq: 11 Apr 2018 21:18

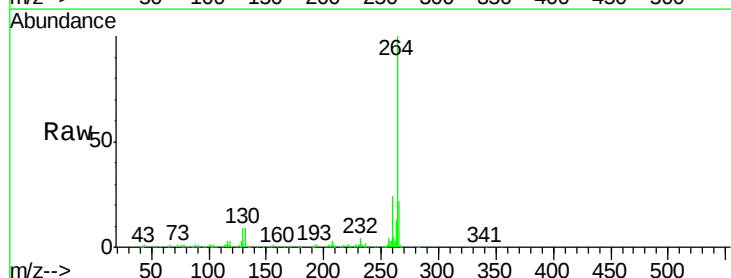
Tgt Ion:264 Resp: 312207

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.4 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

