

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033757.D
 Acq On : 11 Apr 2018 22:33
 Operator : SJ/JU
 Sample : J2320-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Apr 12 02:10:01 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	29348	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	121814	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	92605	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	266458	20.00	ng	0.00
75) Chrysene-d12	22.55	240	292326	20.00	ng	0.00
86) Perylene-d12	26.30	264	310628	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	64258	41.06	ng	0.00
7) Phenol-d6	7.97	99	58767	21.85	ng	0.00
23) Nitrobenzene-d5	10.06	82	249034	93.93	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	124088	89.59	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	599203	93.41	ng	0.00
78) Terphenyl-d14	20.73	244	1296534	94.85	ng	0.00

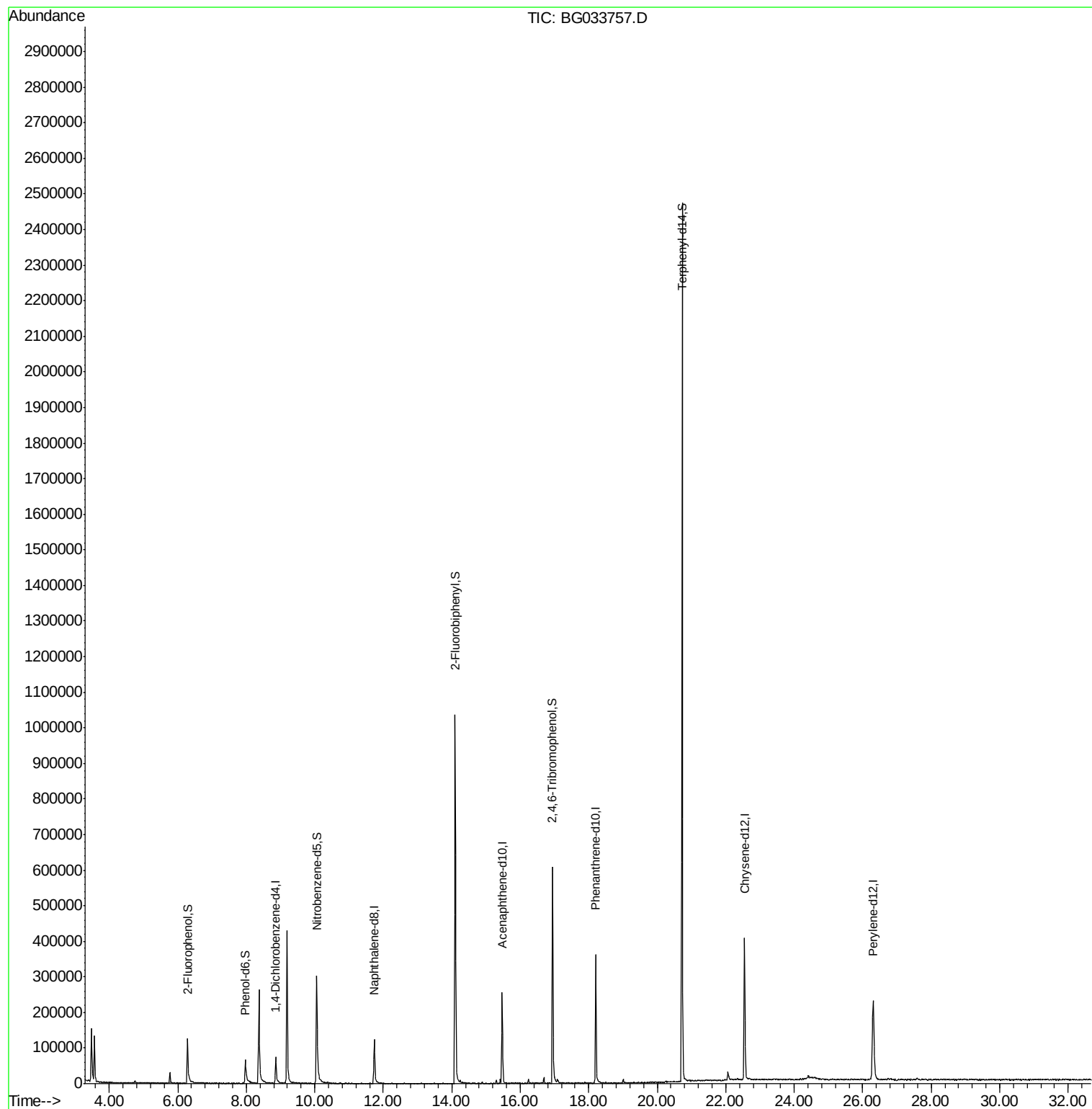
Target Compounds Qvalue

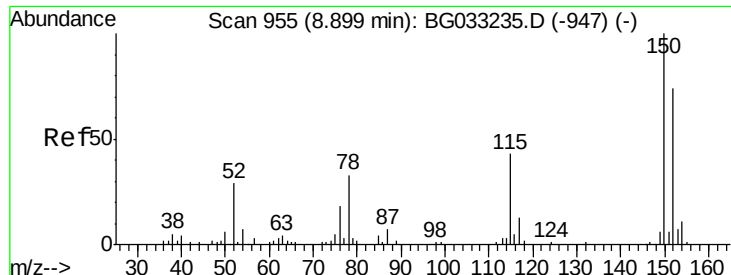
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 948

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

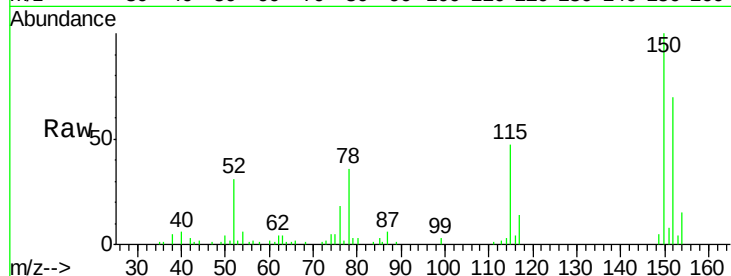
Tot Ion:152 Resp: 29348

Ion Ratio Lower Upper

152 100

150 142.7 126.6 189.8

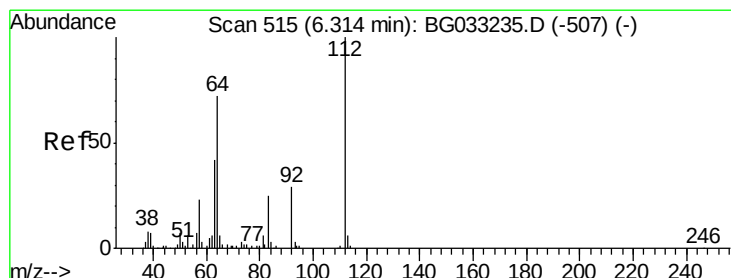
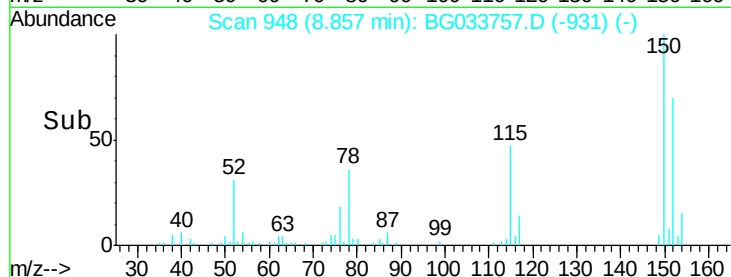
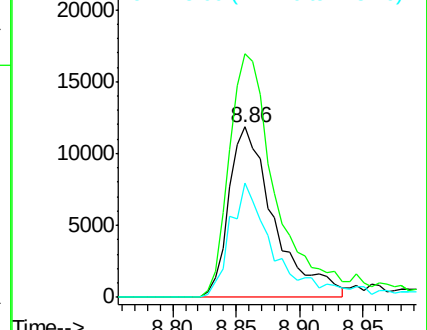
115 67.2 53.0 79.4



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: 41.056 ng

RT: 6.28 min Scan# 510

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

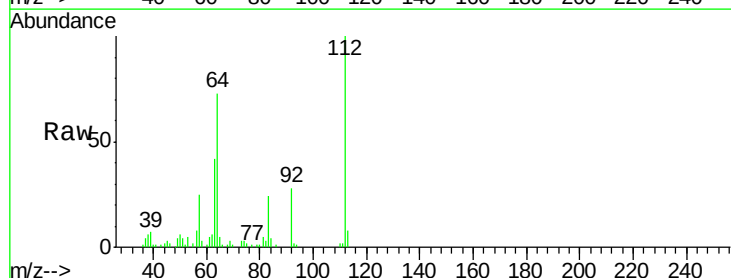
Tgt Ion:112 Resp: 64258

Ion Ratio Lower Upper

112 100

64 72.9 56.3 84.5

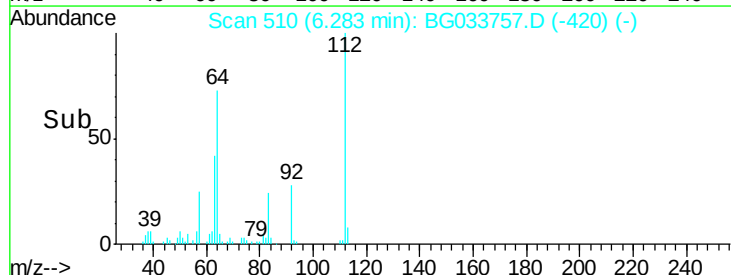
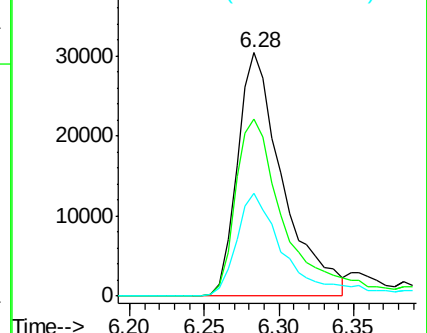
63 42.3 30.1 45.1

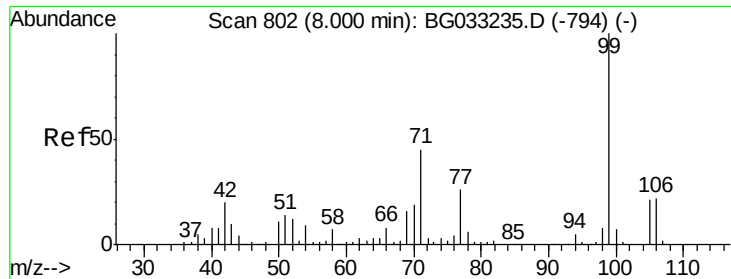


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 21.853 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

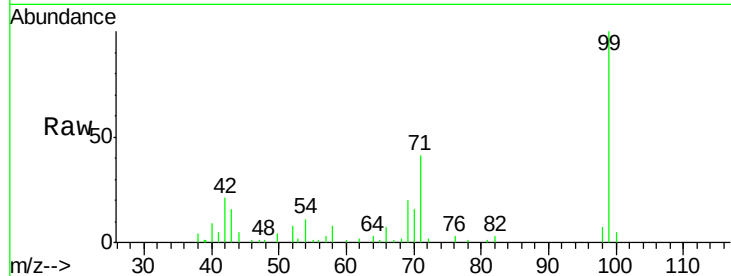
Tot Ion: 99 Resp: 58767

Ion Ratio Lower Upper

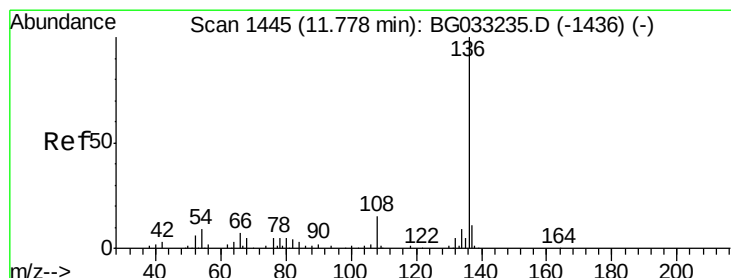
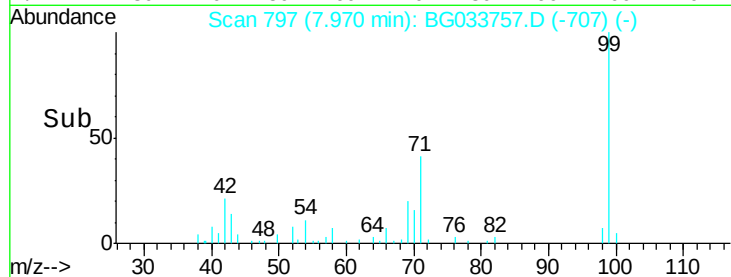
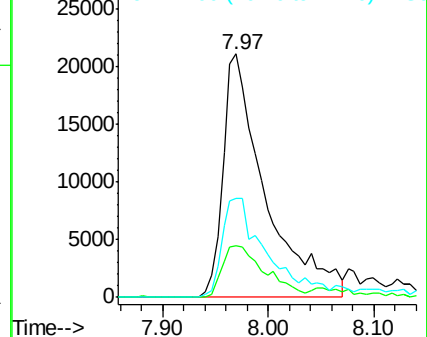
99 100

42 21.4 14.1 21.1#

71 40.7 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: BG033757.D

Acq: 11 Apr 2018 22:33

Tgt Ion: 136 Resp: 121814

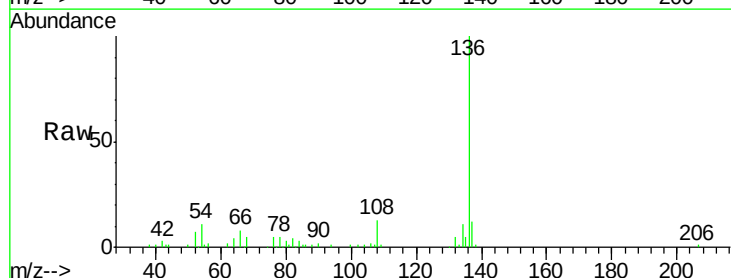
Ion Ratio Lower Upper

136 100

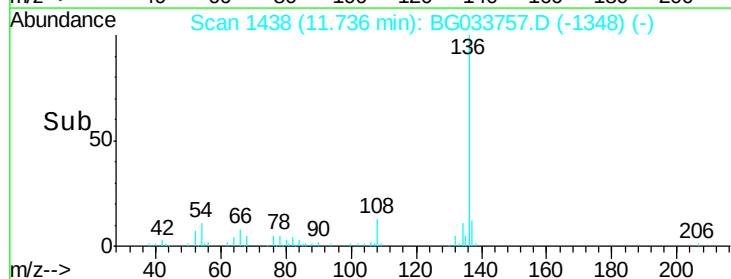
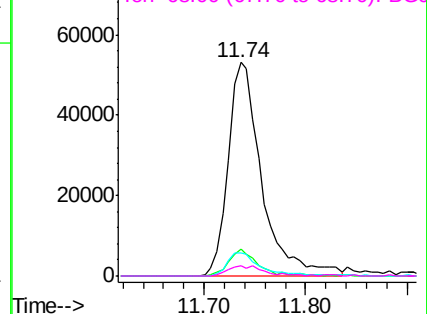
137 12.3 9.2 13.8

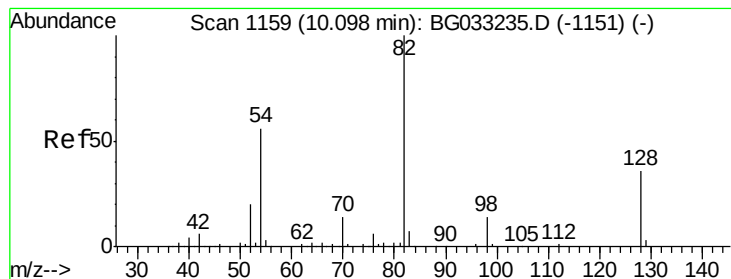
54 11.1 10.3 15.5

68 5.1 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: 93.927 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

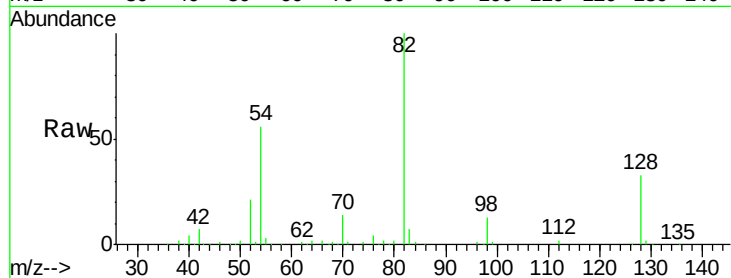
Tot Ion: 82 Resp: 249034

Ion Ratio Lower Upper

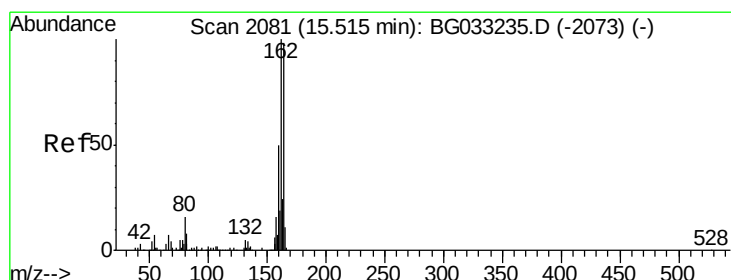
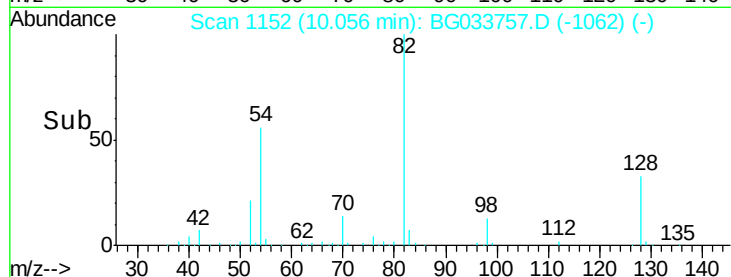
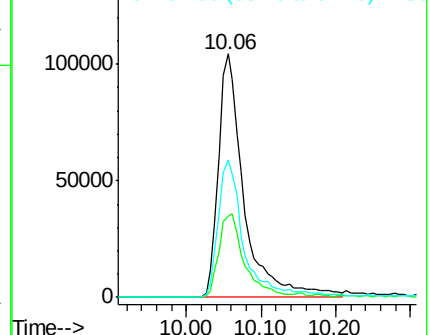
82 100

128 33.4 29.7 44.5

54 56.4 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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

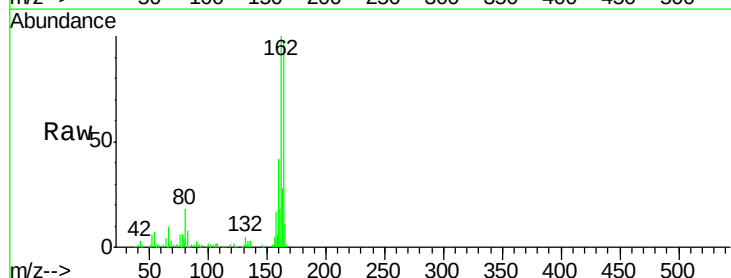
Tgt Ion: 164 Resp: 92605

Ion Ratio Lower Upper

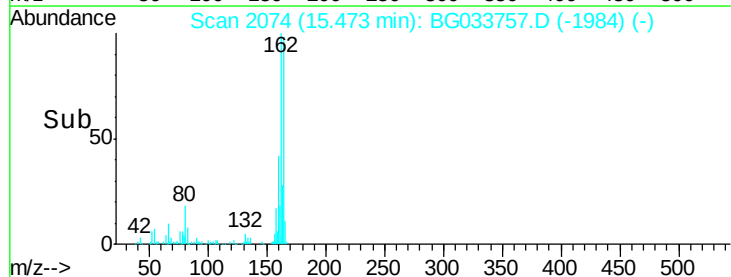
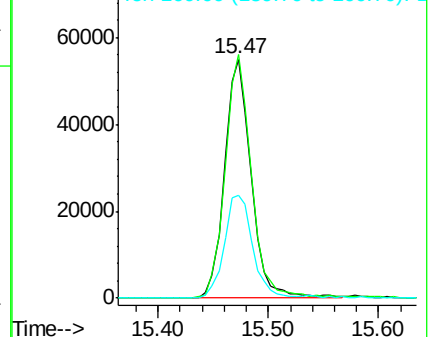
164 100

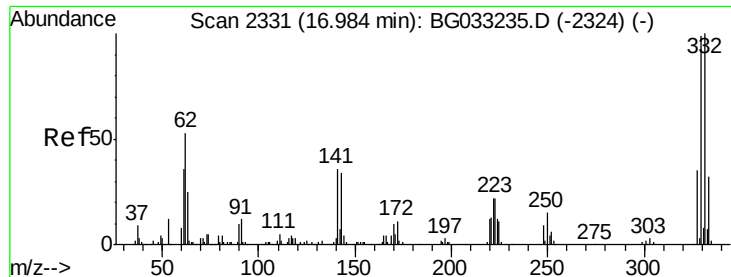
162 102.0 78.8 118.2

160 43.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 89.593 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

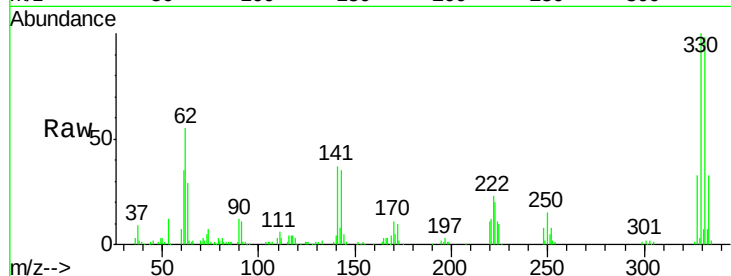
Tot Ion:330 Resp: 124088

Ion Ratio Lower Upper

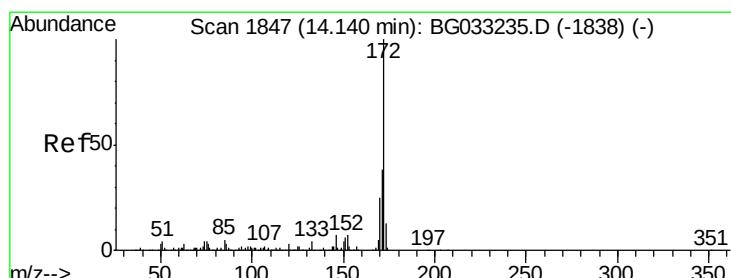
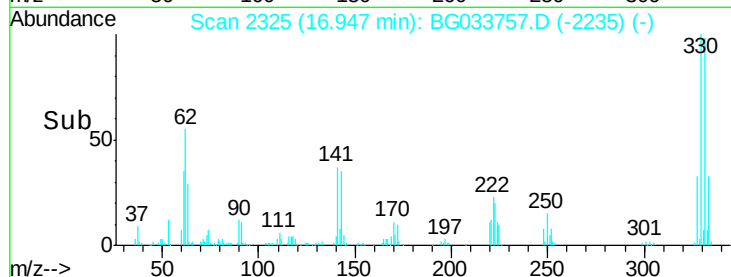
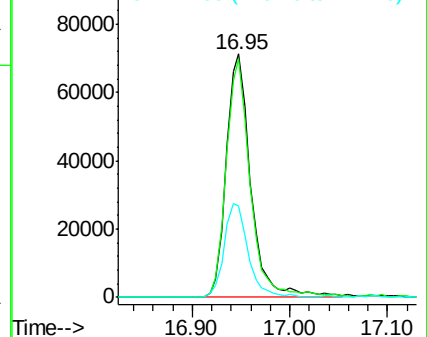
330 100

332 96.7 77.0 115.6

141 37.9 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: 93.411 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

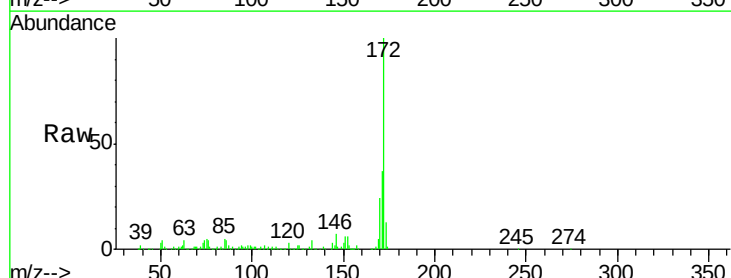
Tgt Ion:172 Resp: 599203

Ion Ratio Lower Upper

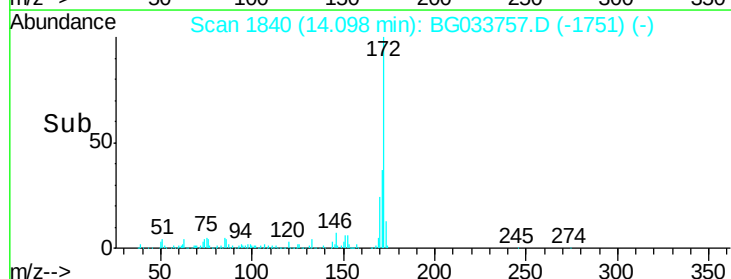
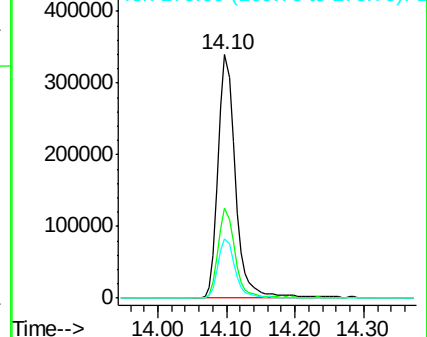
172 100

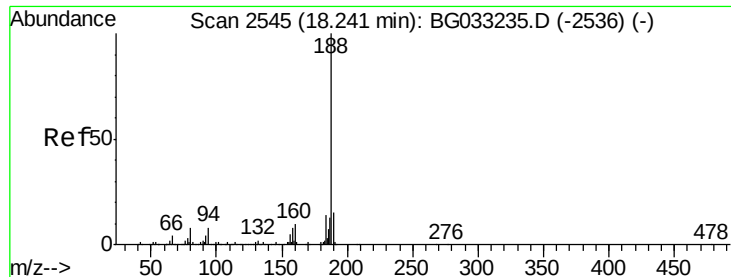
171 37.0 30.0 45.0

170 24.2 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# 2539

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

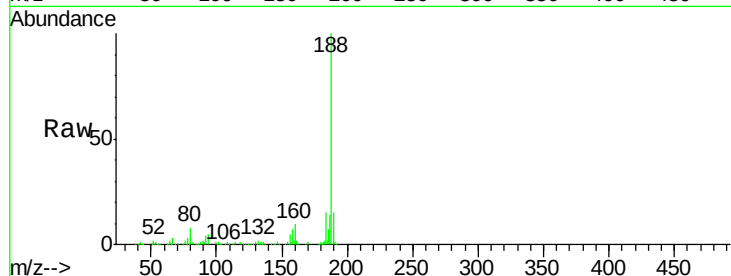
Tot Ion:188 Resp: 266458

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

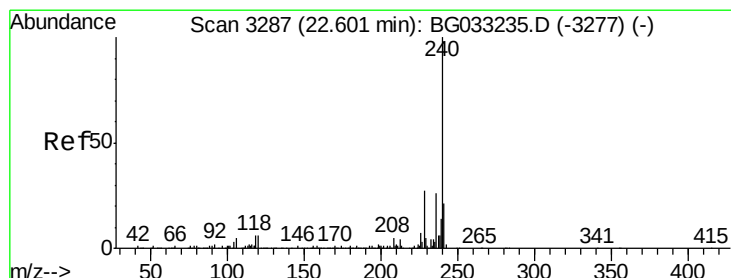
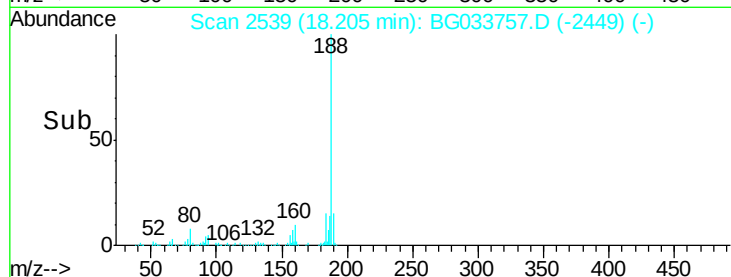
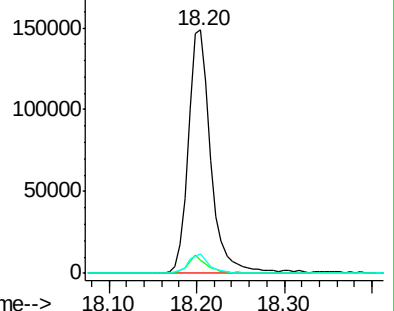
80 7.9 7.7 11.5



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: BG033757.D

Acq: 11 Apr 2018 22:33

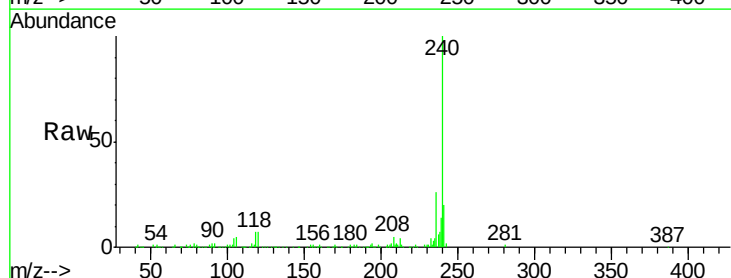
Tgt Ion:240 Resp: 292326

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

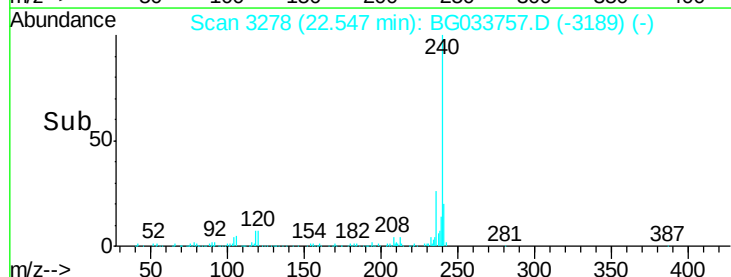
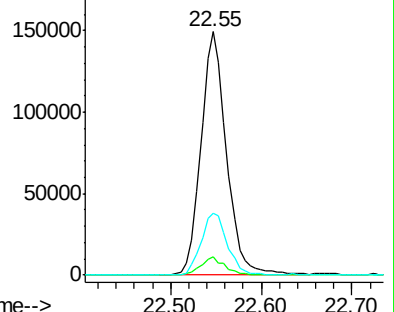
236 25.7 20.9 31.3

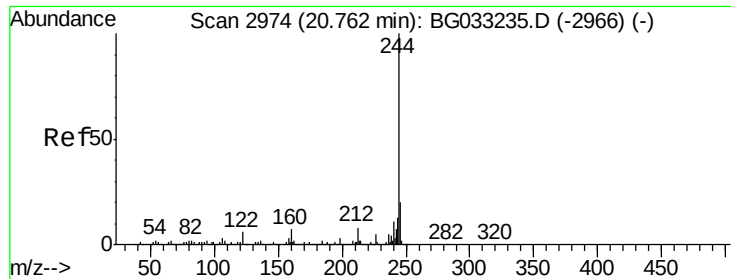


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 94.852 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033757.D

Acq: 11 Apr 2018 22:33

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-D-S

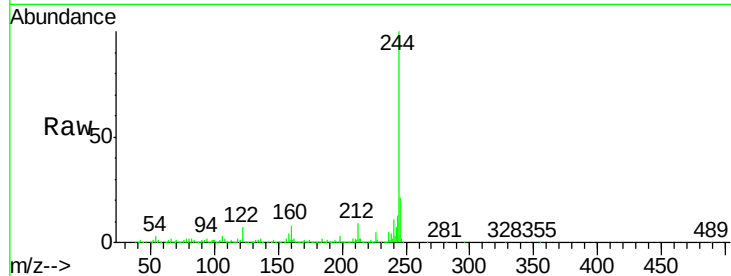
Tot Ion:244 Resp: 1296534

Ion Ratio Lower Upper

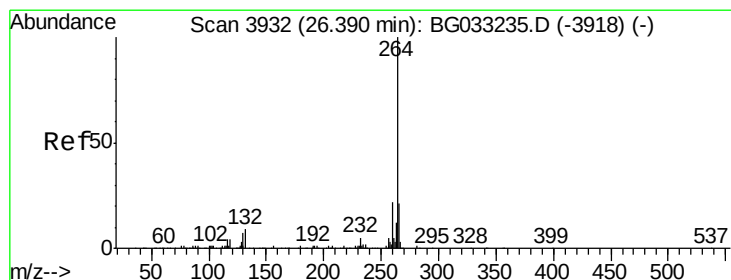
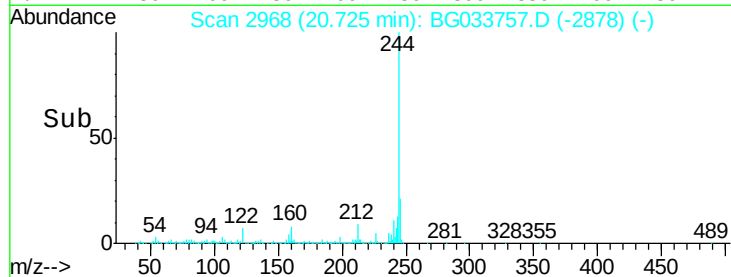
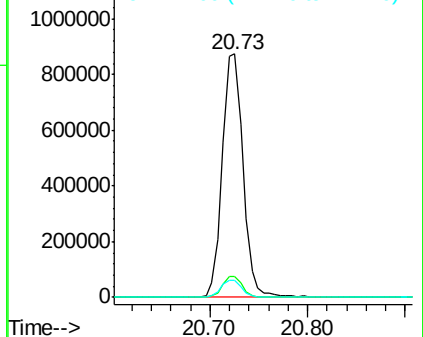
244 100

212 8.7 5.8 8.8

122 6.9 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: BG033757.D

Acq: 11 Apr 2018 22:33

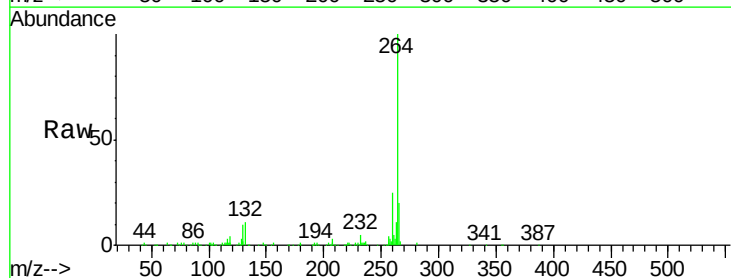
Tgt Ion:264 Resp: 310628

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 20.1 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

