

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033759.D
 Acq On : 11 Apr 2018 23:48
 Operator : SJ/JU
 Sample : J2320-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-M

Quant Time: Apr 12 02:15:33 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	23119	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	102559	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	80885	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	250645	20.00	ng	0.00
75) Chrysene-d12	22.55	240	279877	20.00	ng	0.00
86) Perylene-d12	26.30	264	293570	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	61849	50.16	ng	0.00
7) Phenol-d6	7.97	99	48204	22.75	ng	0.00
23) Nitrobenzene-d5	10.06	82	232506	104.16	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	117470	97.10	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	581597	103.80	ng	0.00
78) Terphenyl-d14	20.72	244	1329392	101.58	ng	0.00

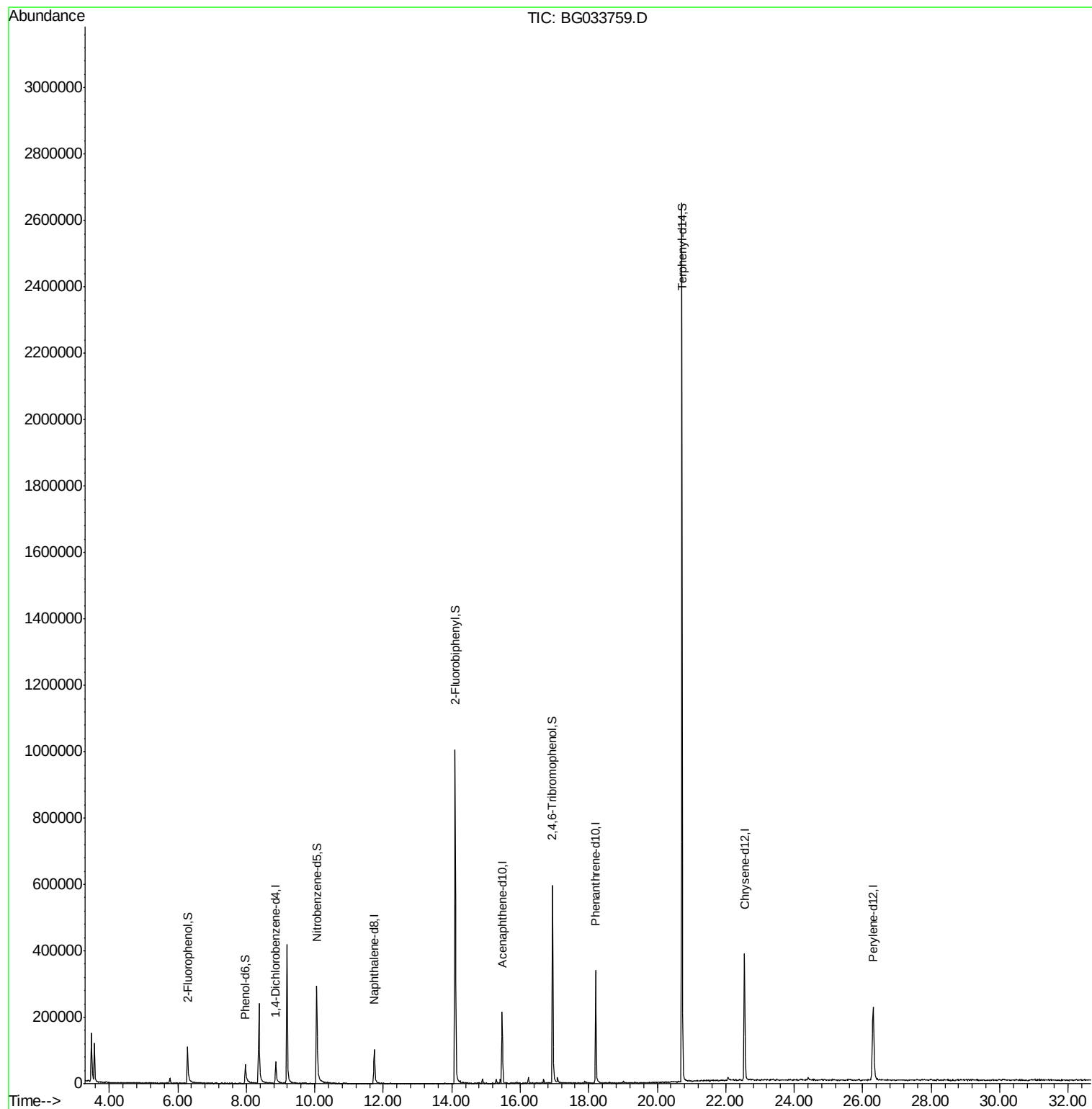
Target Compounds Qvalue

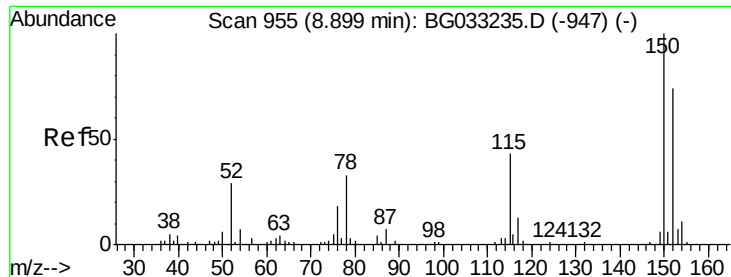
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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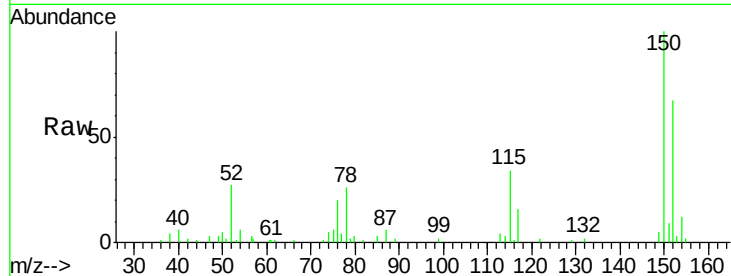


#1

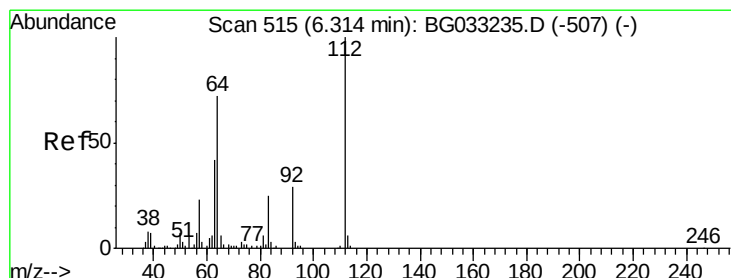
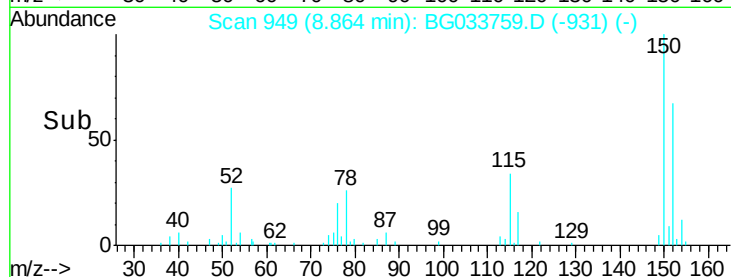
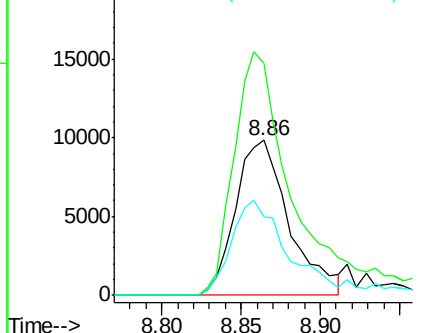
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. 0.01 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-M

Tot Ion:152 Resp: 23119
 Ion Ratio Lower Upper
 152 100
 150 149.9 126.6 189.8
 115 50.8 53.0 79.4#



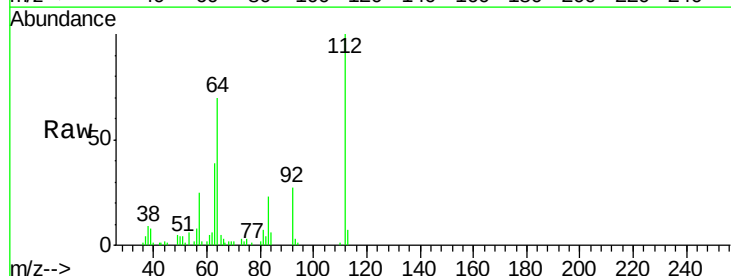
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



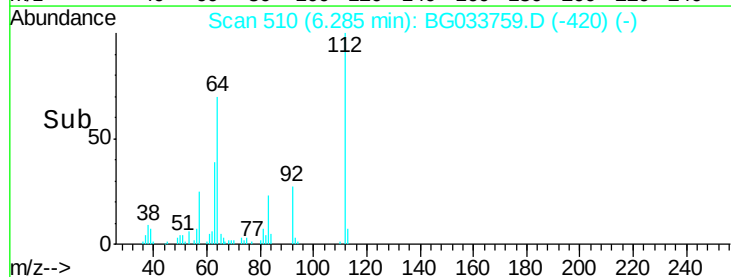
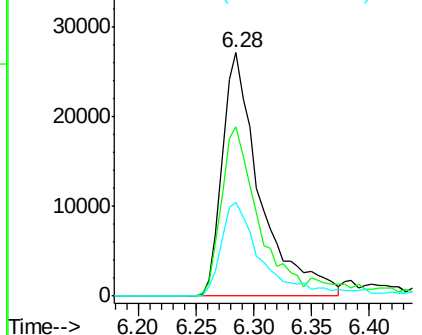
#5

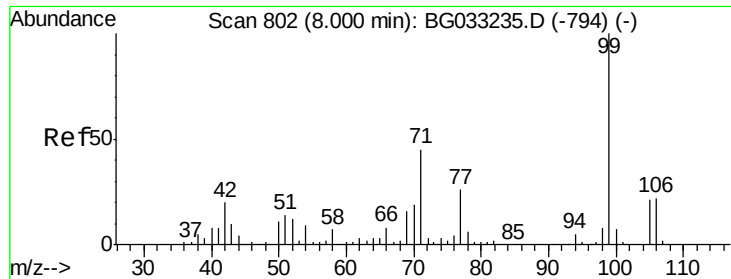
2-Fluorophenol
 Concen: 50.164 ng
 RT: 6.28 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Tgt Ion:112 Resp: 61849
 Ion Ratio Lower Upper
 112 100
 64 69.6 56.3 84.5
 63 38.5 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: 22.755 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-M

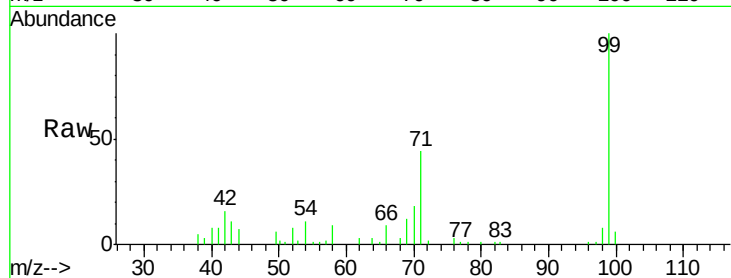
Tot Ion: 99 Resp: 48204

Ion Ratio Lower Upper

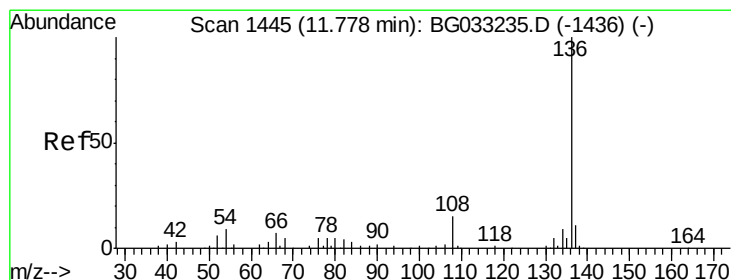
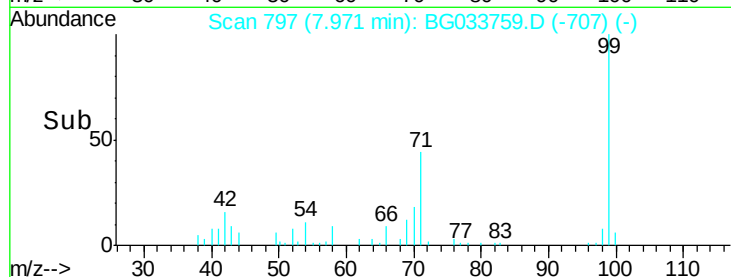
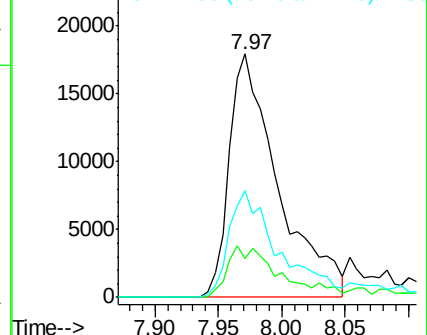
99 100

42 15.7 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: BG033759.D

Acq: 11 Apr 2018 23:48

Tgt Ion: 136 Resp: 102559

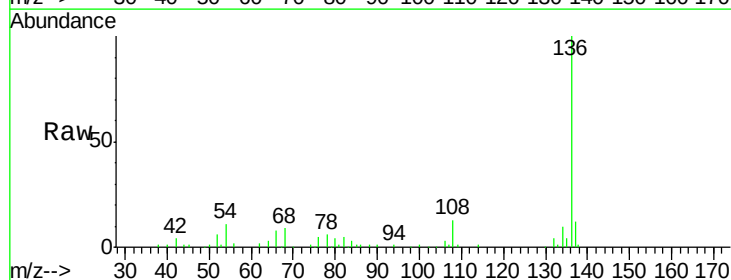
Ion Ratio Lower Upper

136 100

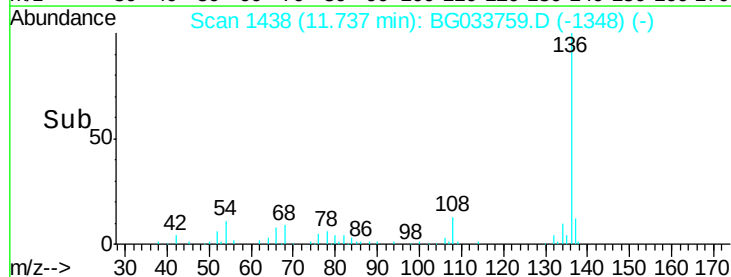
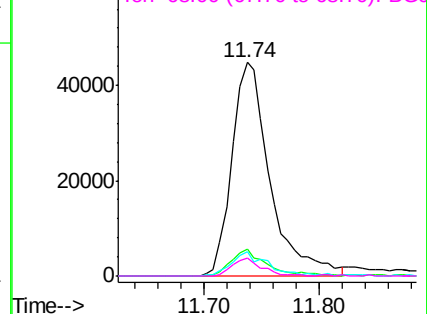
137 12.4 9.2 13.8

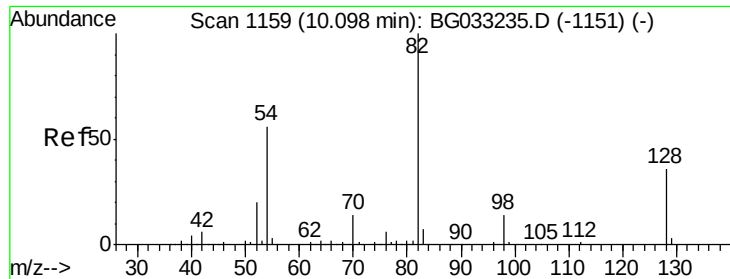
54 11.4 10.3 15.5

68 8.5 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

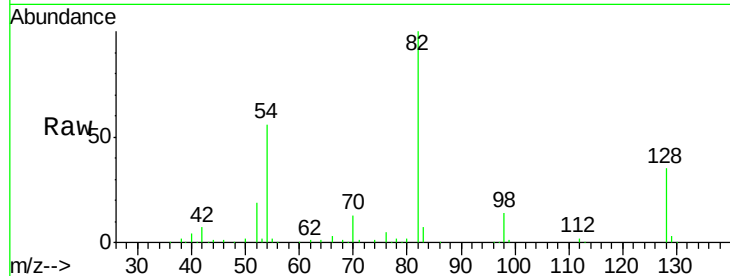




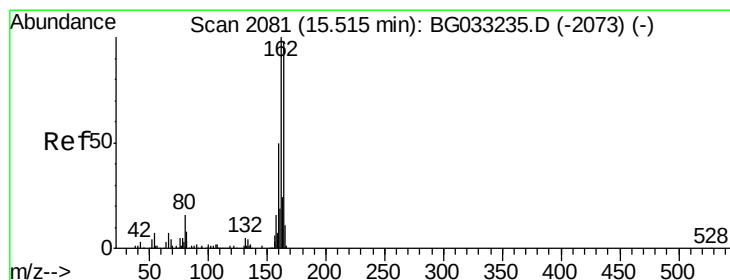
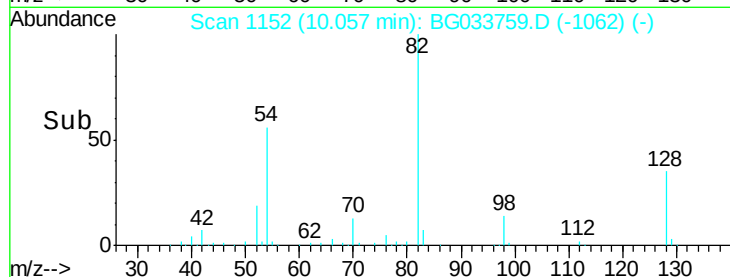
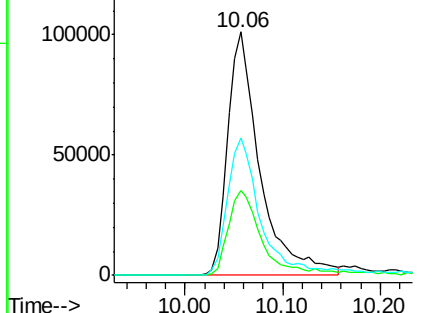
#23
 Nitrobenzene-d5
 Concen: 104.157 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-M

Tot Ion	82	Resp	232506
Ion Ratio	100	Lower	Upper
128	34.8	29.7	44.5
54	56.4	43.1	64.7

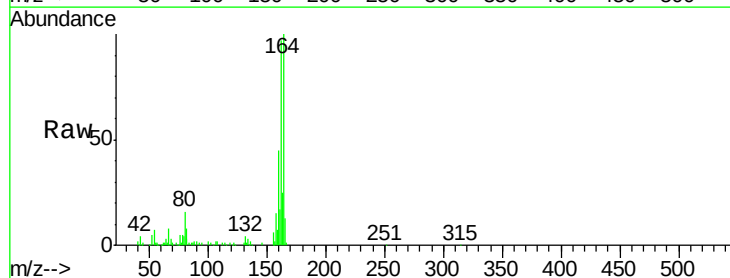


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

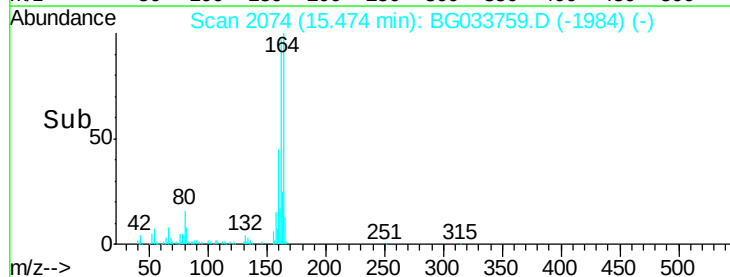
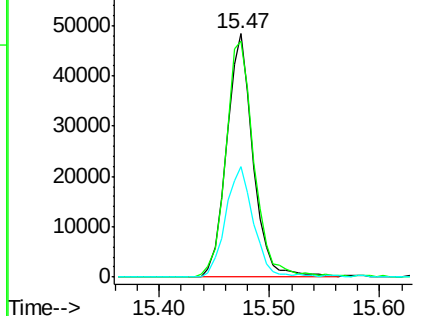


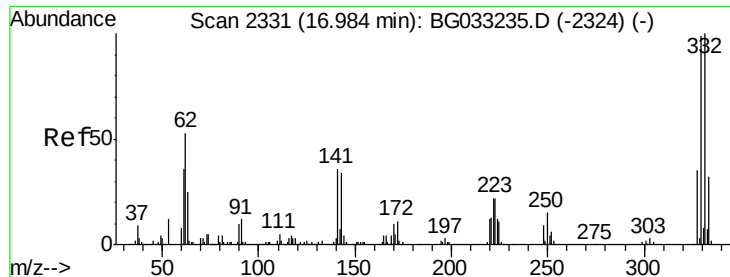
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033759.D
 Acq: 11 Apr 2018 23:48

Tgt Ion	164	Resp	80885
Ion Ratio	100	Lower	Upper
162	97.0	78.8	118.2
160	45.3	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: 97.104 ng

RT: 16.95 min Scan# 2325

Delta R.T. 0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-M

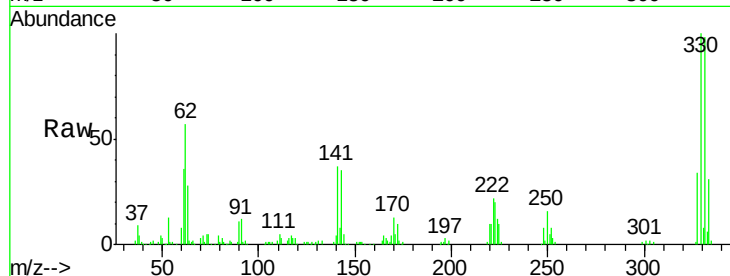
Tot Ion:330 Resp: 117470

Ion Ratio Lower Upper

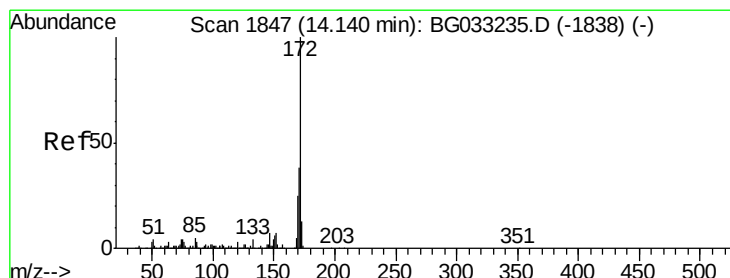
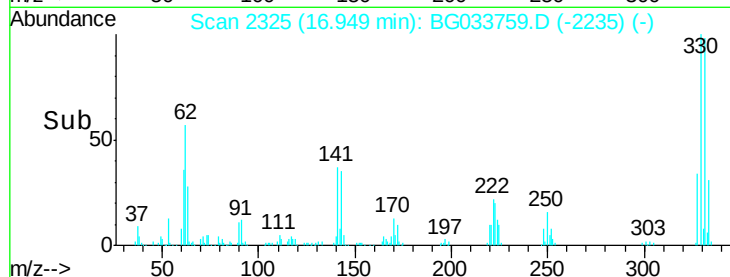
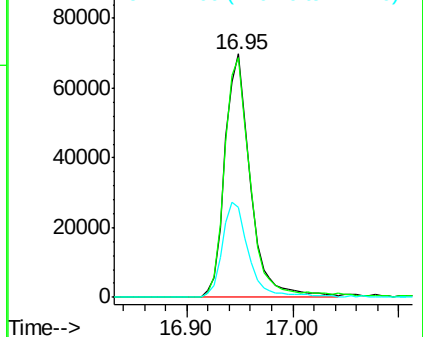
330 100

332 98.7 77.0 115.6

141 40.7 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: 103.803 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

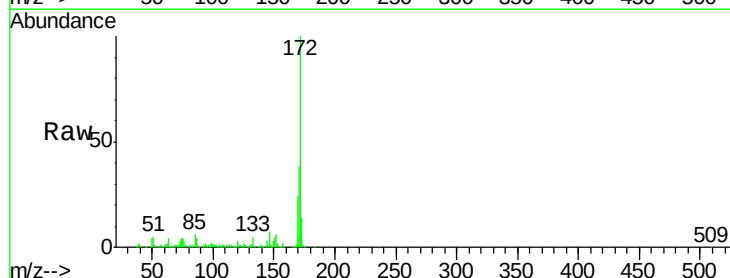
Tgt Ion:172 Resp: 581597

Ion Ratio Lower Upper

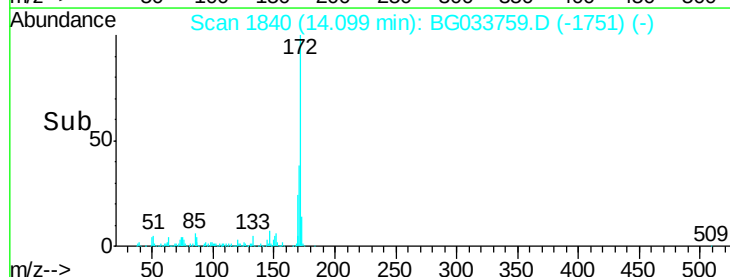
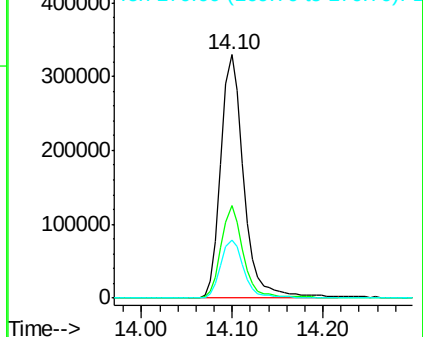
172 100

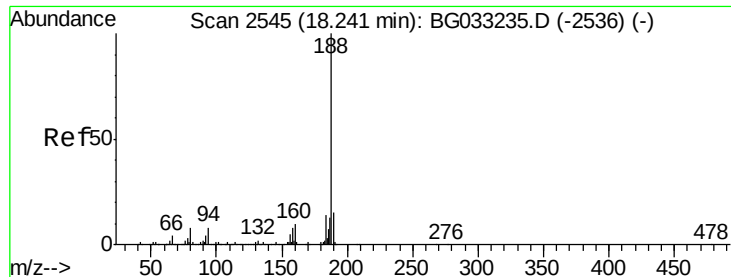
171 37.9 30.0 45.0

170 24.0 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: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-M

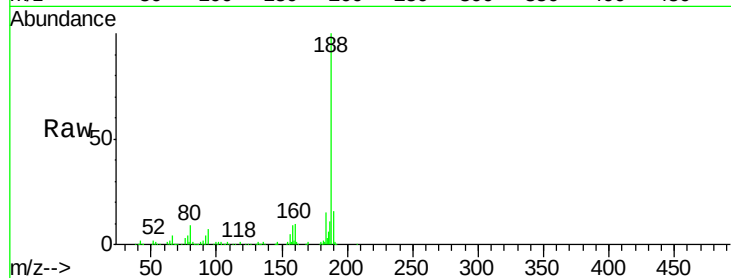
Tot Ion:188 Resp: 250645

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

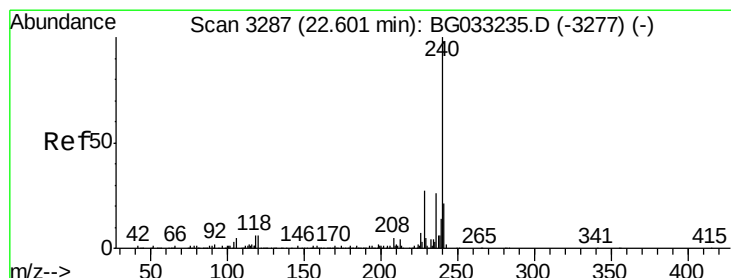
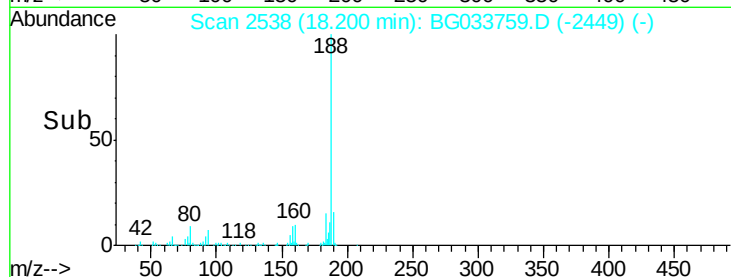
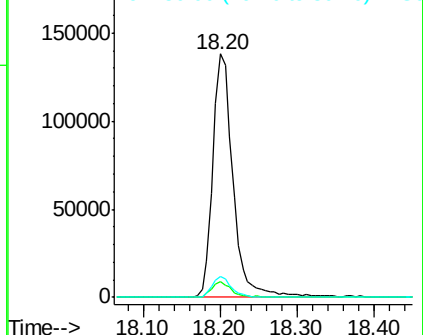
80 8.8 7.7 11.5



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. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

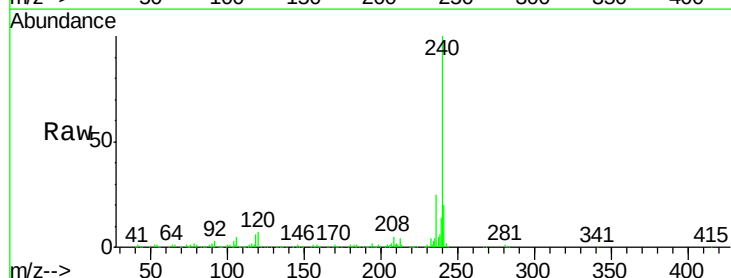
Tgt Ion:240 Resp: 279877

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

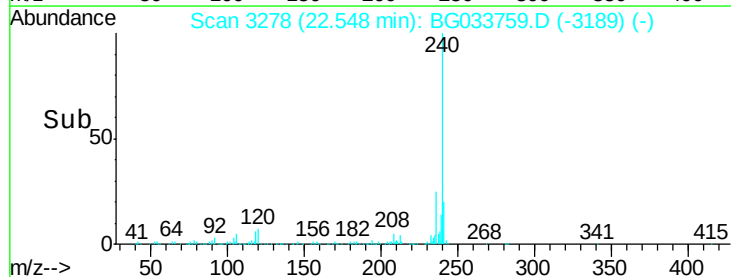
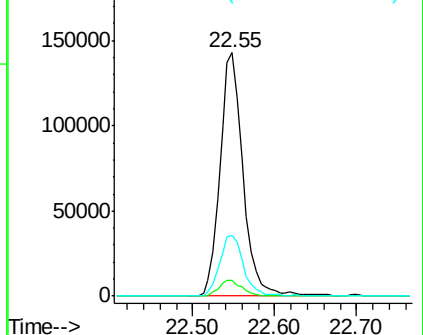
236 24.8 20.9 31.3

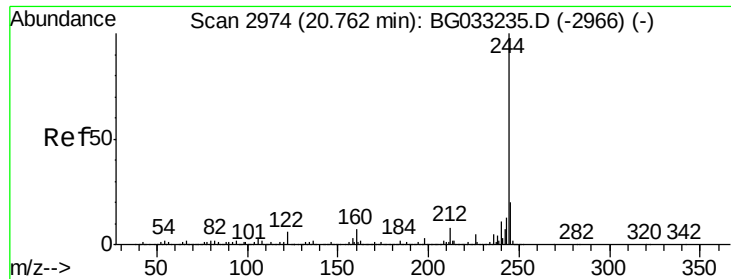


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.582 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033759.D

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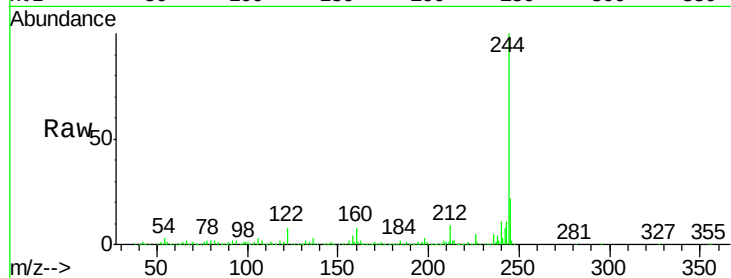
Tot Ion:244 Resp: 1329392

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

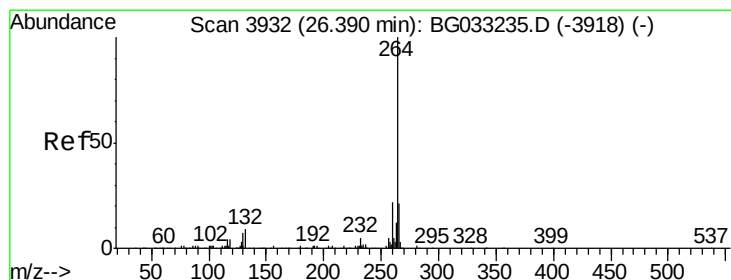
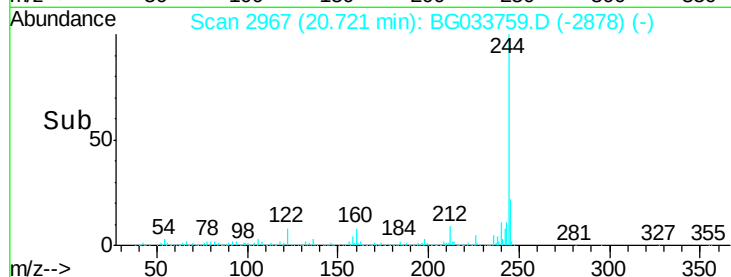
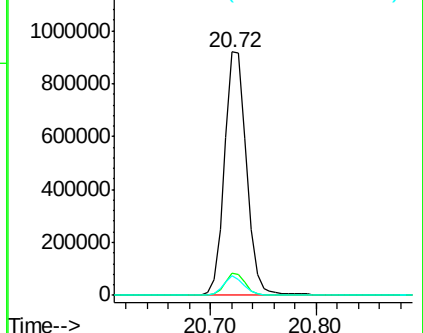
122 8.0 7.0 10.4



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. -0.00 min

Lab File: BG033759.D

Acq: 11 Apr 2018 23:48

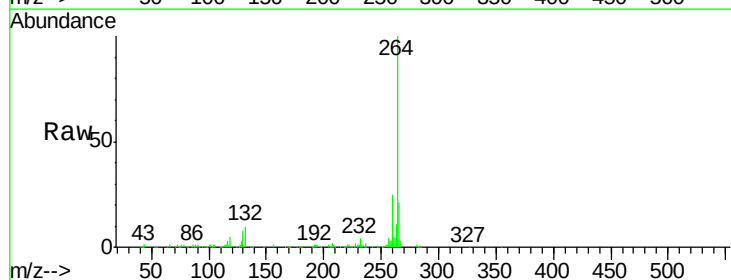
Tgt Ion:264 Resp: 293570

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 21.3 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

