

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041118\
 Data File : BG033758.D
 Acq On : 11 Apr 2018 23:10
 Operator : SJ/JU
 Sample : J2320-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Apr 12 02:13:10 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	26117	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	119885	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	96066	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	274338	20.00	ng	0.00
75) Chrysene-d12	22.55	240	304870	20.00	ng	0.00
86) Perylene-d12	26.30	264	326137	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	77572	55.69	ng	0.00
7) Phenol-d6	7.97	99	87387	36.52	ng	0.00
23) Nitrobenzene-d5	10.06	82	260688	99.90	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	138497	96.39	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	643882	96.76	ng	0.00
78) Terphenyl-d14	20.73	244	1432594	100.49	ng	0.00

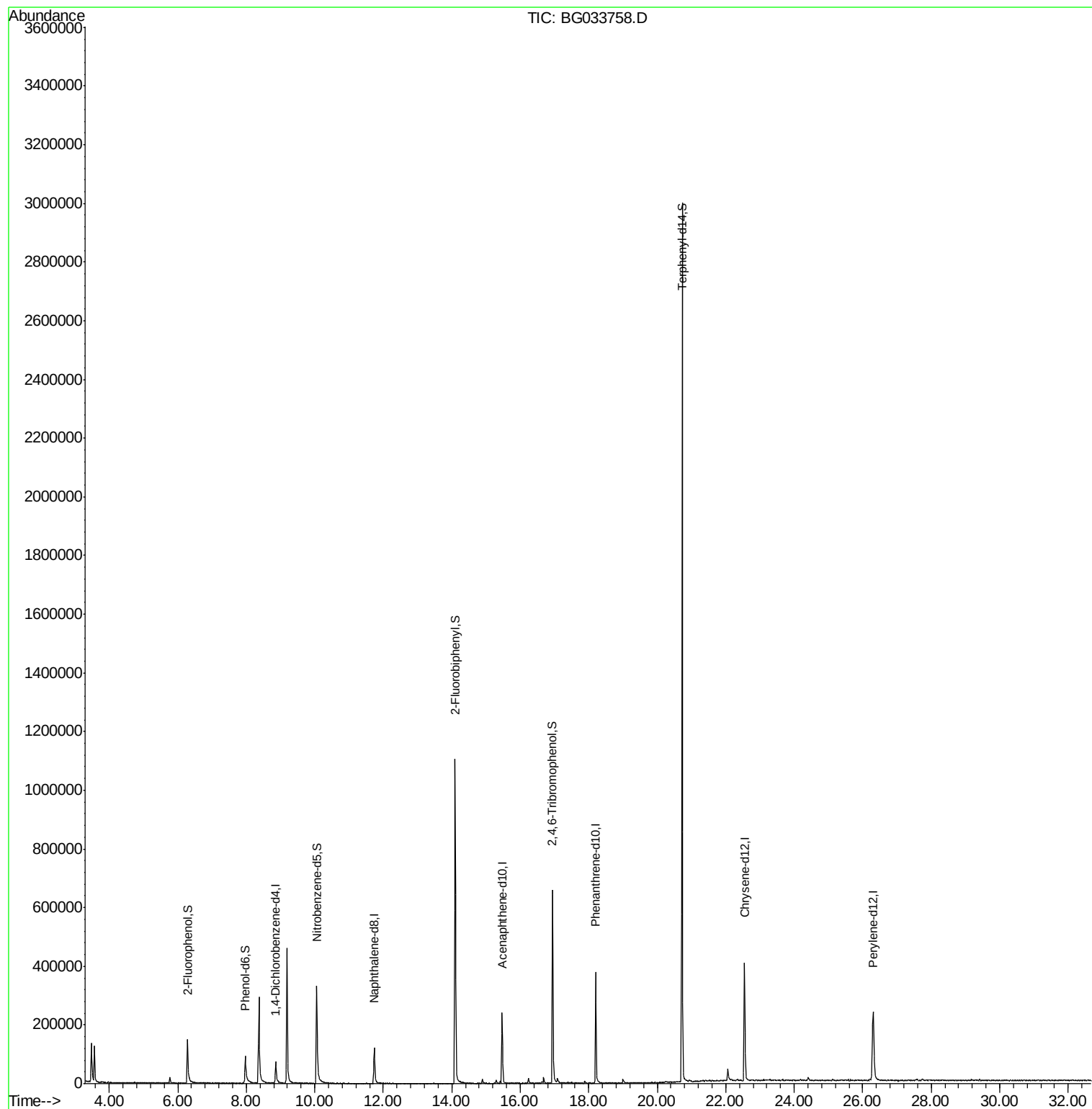
Target Compounds Qvalue

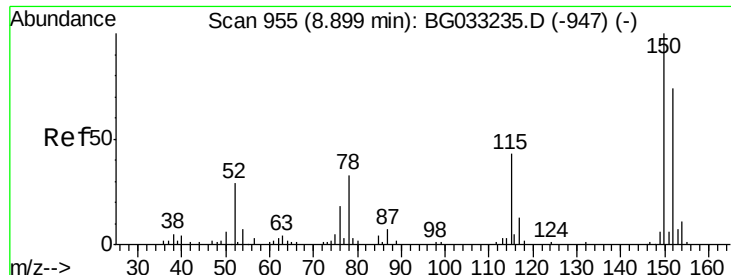
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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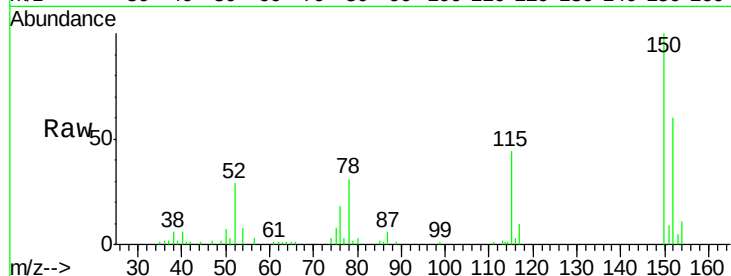


#1

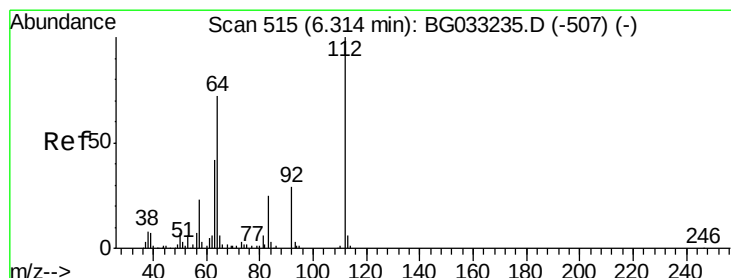
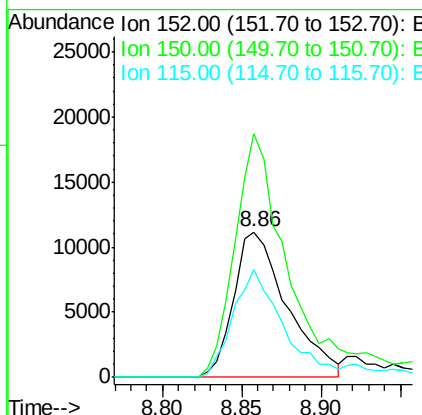
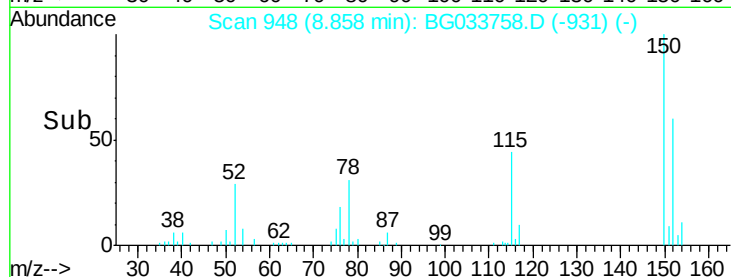
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	167.3	126.6	189.8
115	74.3	53.0	79.4



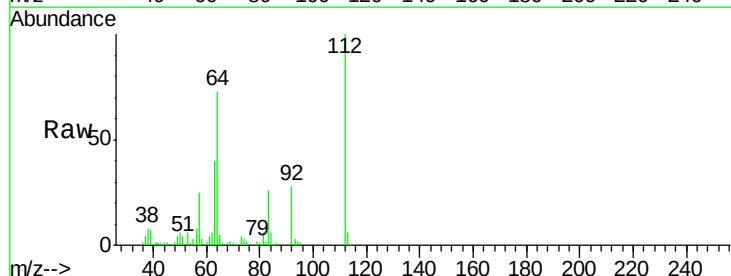
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



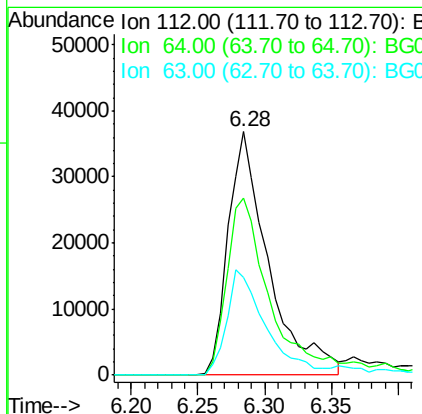
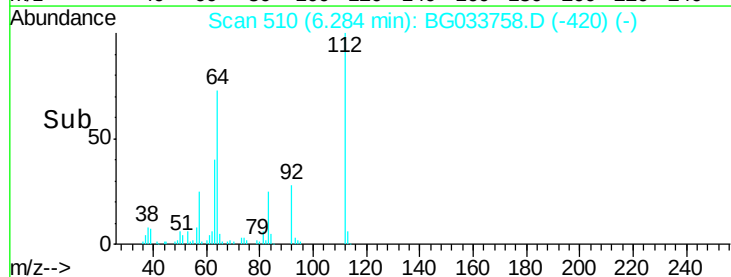
#5

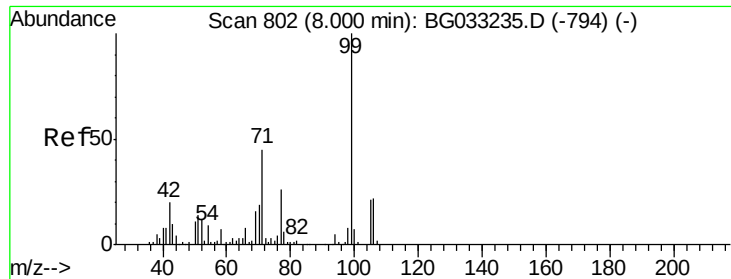
2-Fluorophenol
 Concen: 55.694 ng
 RT: 6.28 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	56.3	84.5
63	40.3	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: 36.516 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-B

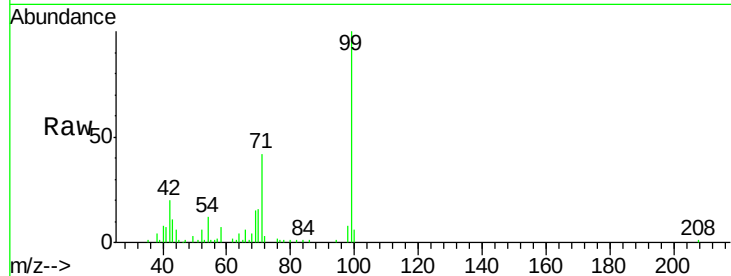
Tot Ion: 99 Resp: 87387

Ion Ratio Lower Upper

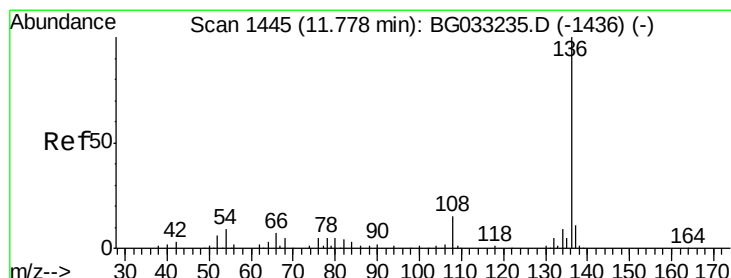
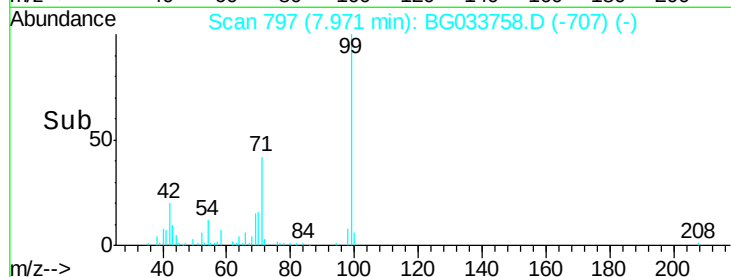
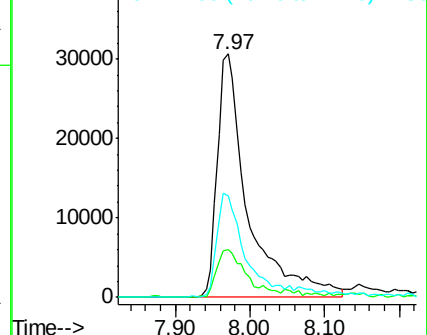
99 100

42 19.6 14.1 21.1

71 41.8 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: BG033758.D

Acq: 11 Apr 2018 23:10

Tgt Ion: 136 Resp: 119885

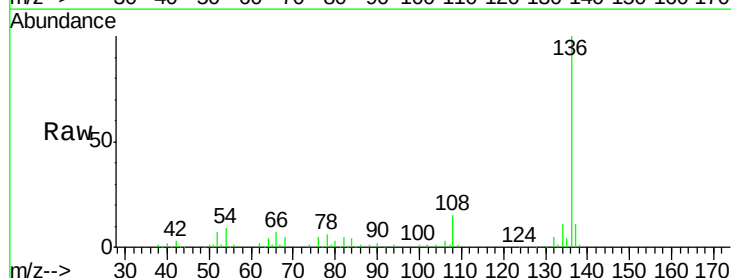
Ion Ratio Lower Upper

136 100

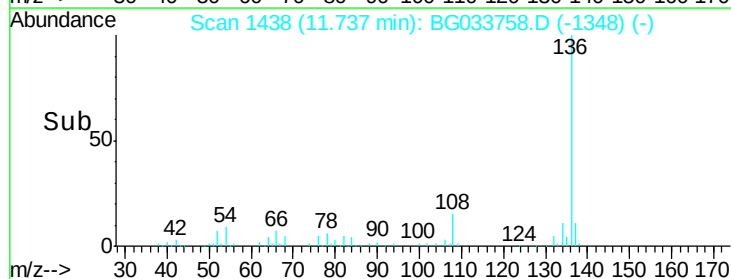
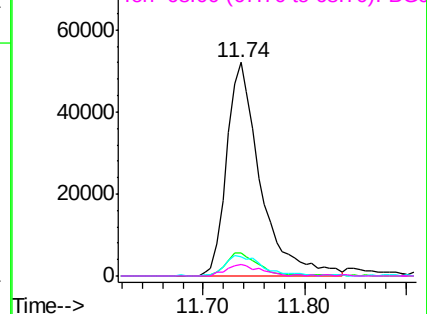
137 10.8 9.2 13.8

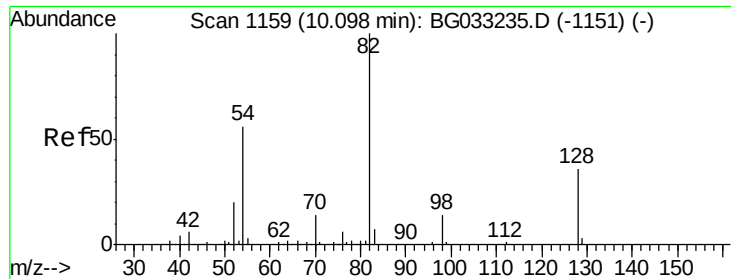
54 9.0 10.3 15.5#

68 5.3 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

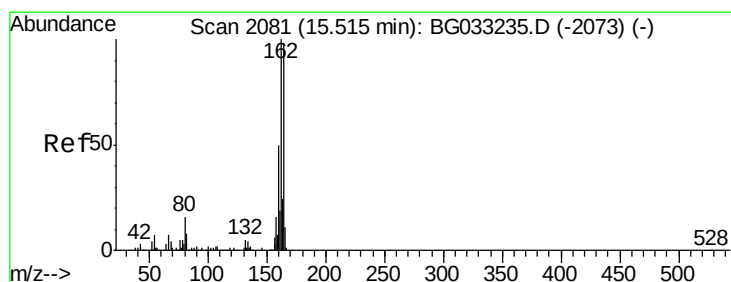
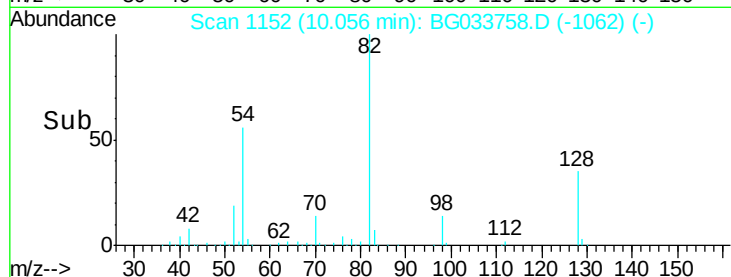
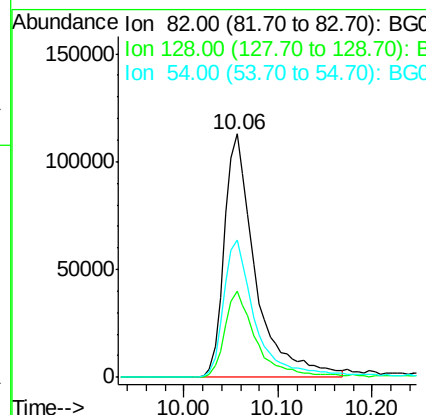
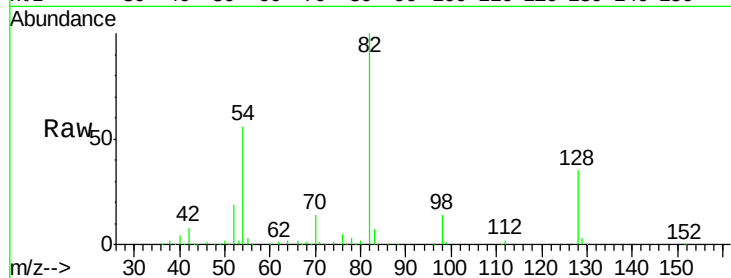




#23
 Nitrobenzene-d5
 Concen: 99.905 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

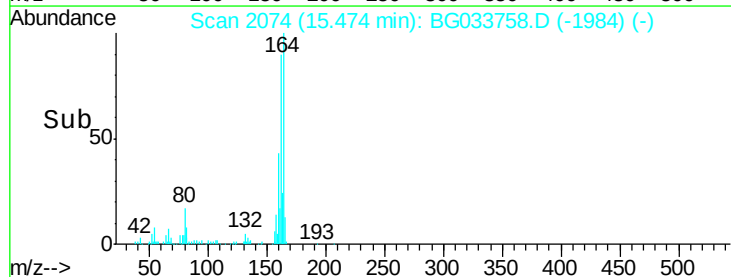
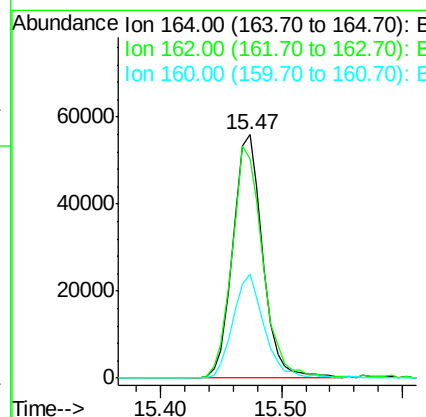
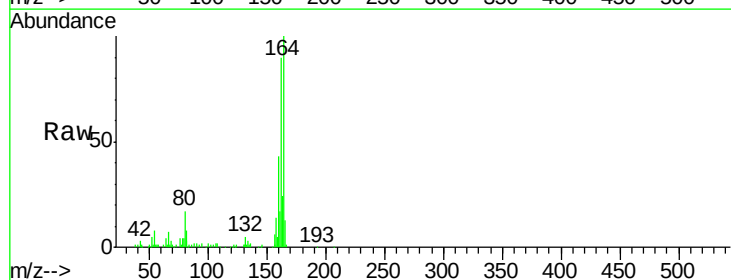
Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-B

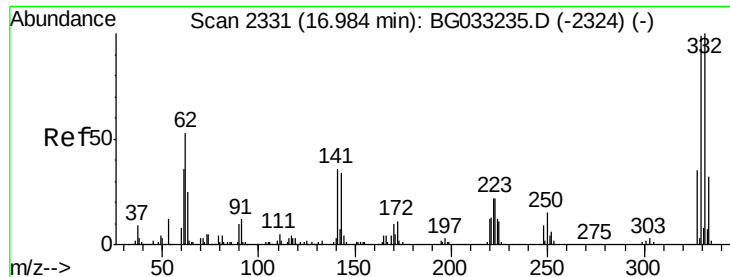
Tot Ion	82	Resp	260688
Ion Ratio	Lower	Upper	
82	100		
128	35.1	29.7	44.5
54	56.4	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion	164	Resp	96066
Ion Ratio	Lower	Upper	
164	100		
162	90.3	78.8	118.2
160	42.6	35.4	53.0

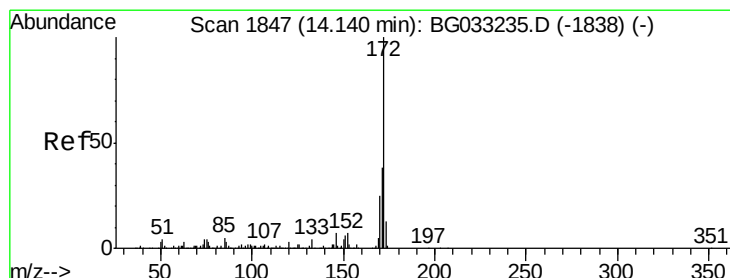
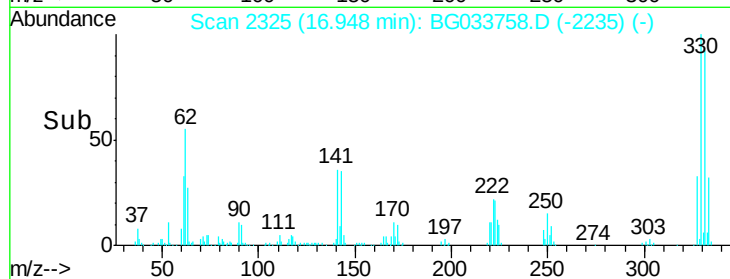
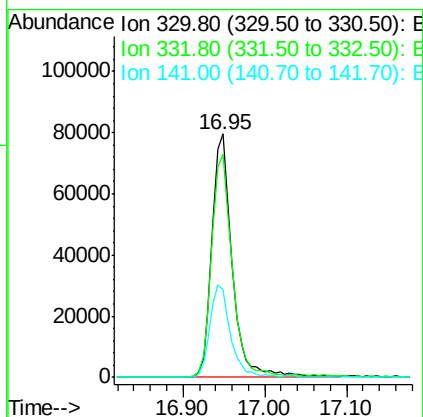
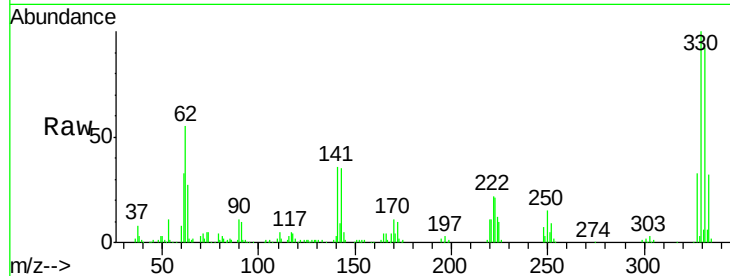




#41
 2,4,6-Tribromophenol
 Concen: 96.394 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

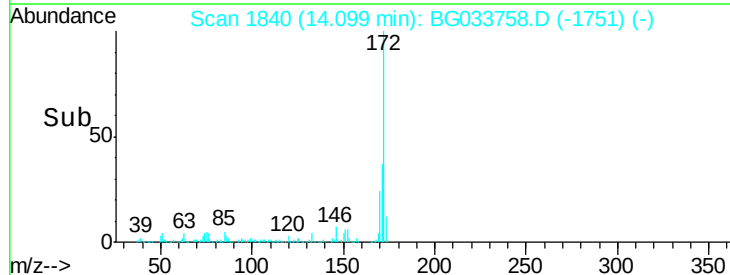
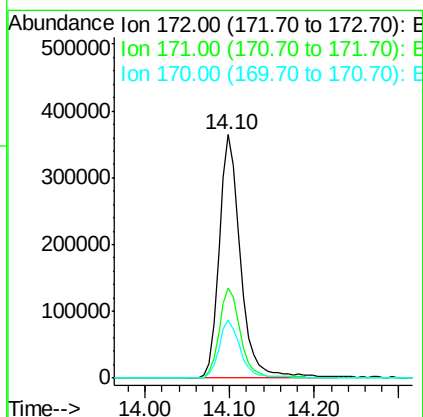
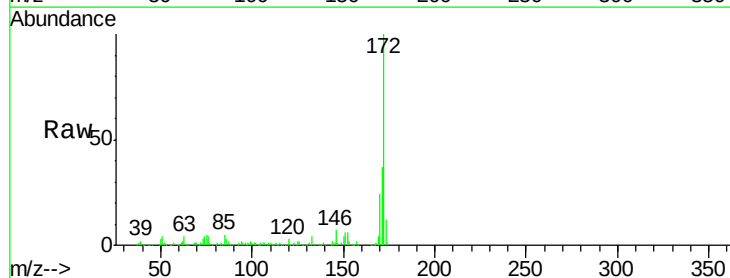
Instrument :
 BNA_G
 ClientSampleId :
 040918-JETB-E-U-B

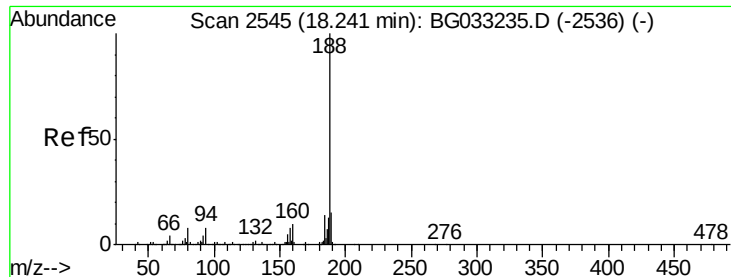
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.7	77.0	115.6
141	38.2	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 96.760 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BG033758.D
 Acq: 11 Apr 2018 23:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. 0.00 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-B

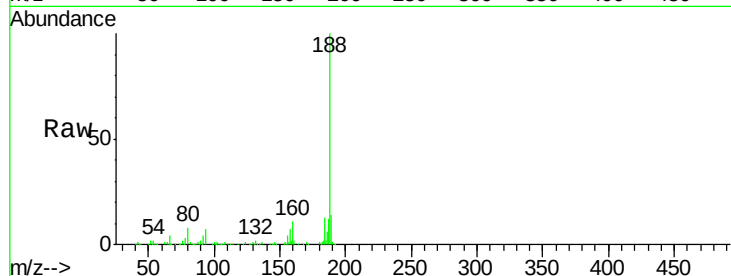
Tot Ion:188 Resp: 274338

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

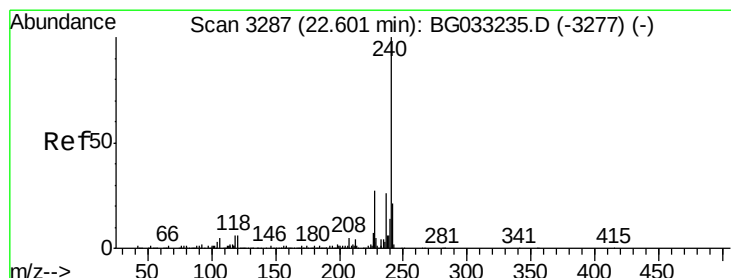
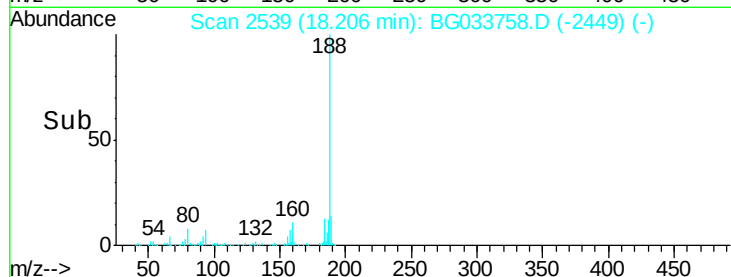
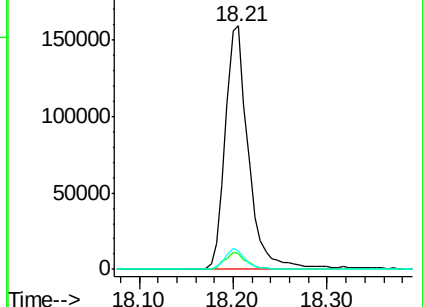
80 7.5 7.7 11.5#



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: BG033758.D

Acq: 11 Apr 2018 23:10

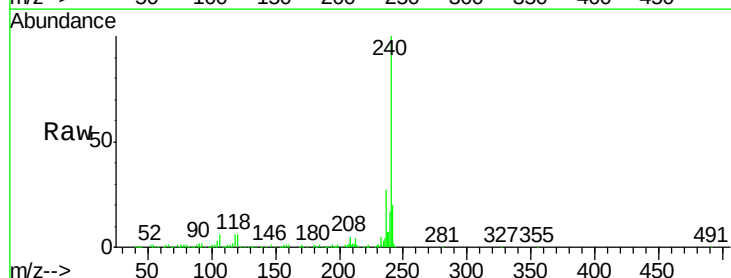
Tgt Ion:240 Resp: 304870

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

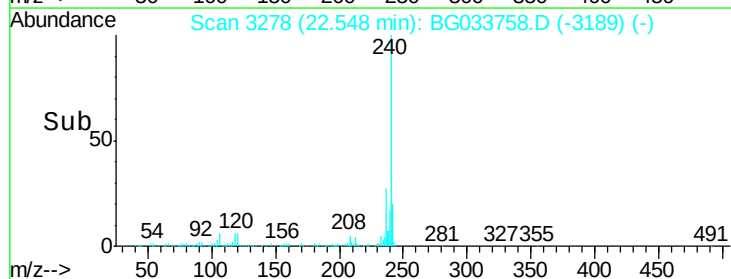
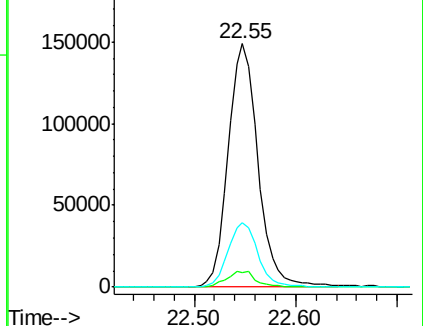
236 26.7 20.9 31.3

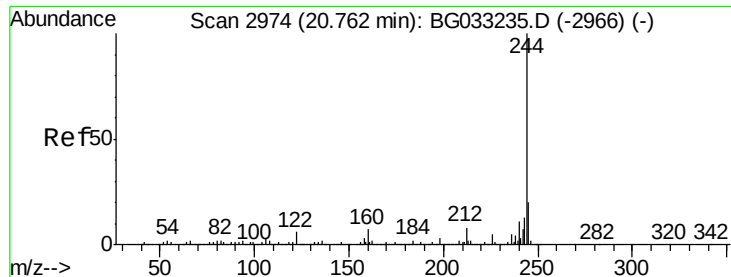


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 100.494 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033758.D

Acq: 11 Apr 2018 23:10

Instrument :

BNA_G

ClientSampleId :

040918-JETB-E-U-B

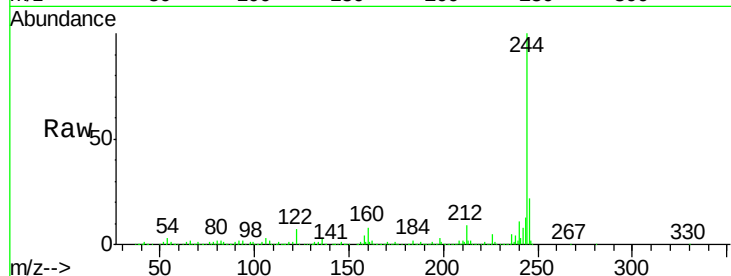
Tot Ion:244 Resp: 1432594

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

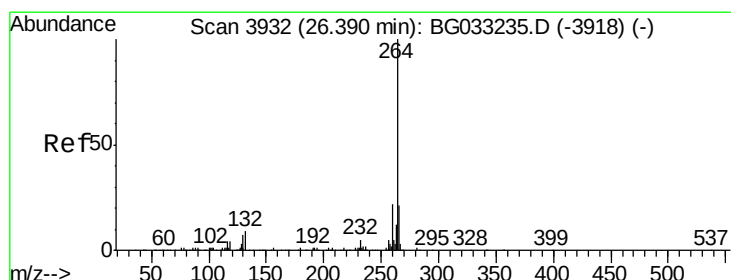
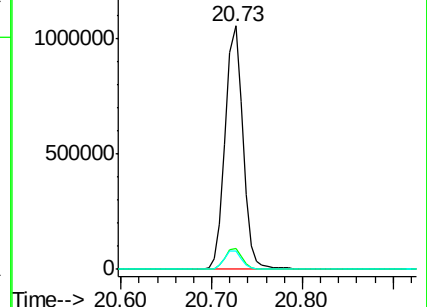
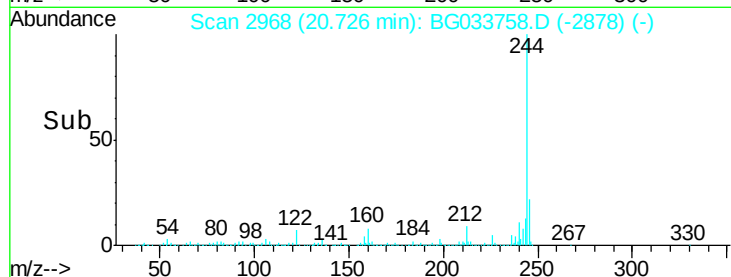
122 7.3 7.0 10.4



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: BG033758.D

Acq: 11 Apr 2018 23:10

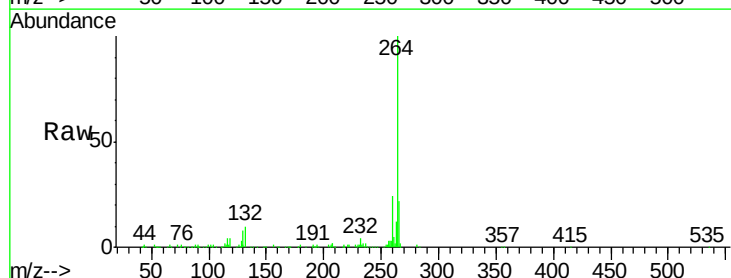
Tgt Ion:264 Resp: 326137

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.1 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

