

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
 Data File : BG033563.D
 Acq On : 4 Apr 2018 17:05
 Operator : SJ/JU
 Sample : J2177-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-JETB-F-U-S

Quant Time: Apr 04 18:58:17 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 04 18:35:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30776	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	143511	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	124781	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	334073	20.00	ng	0.00
75) Chrysene-d12	22.56	240	330412	20.00	ng	0.00
86) Perylene-d12	26.33	264	335622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	75221	45.83	ng	0.00
7) Phenol-d6	7.98	99	74422	26.39	ng	0.00
23) Nitrobenzene-d5	10.06	82	325378	104.17	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	182319	97.69	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	834914	96.59	ng	0.00
78) Terphenyl-d14	20.73	244	1493309	96.66	ng	0.00

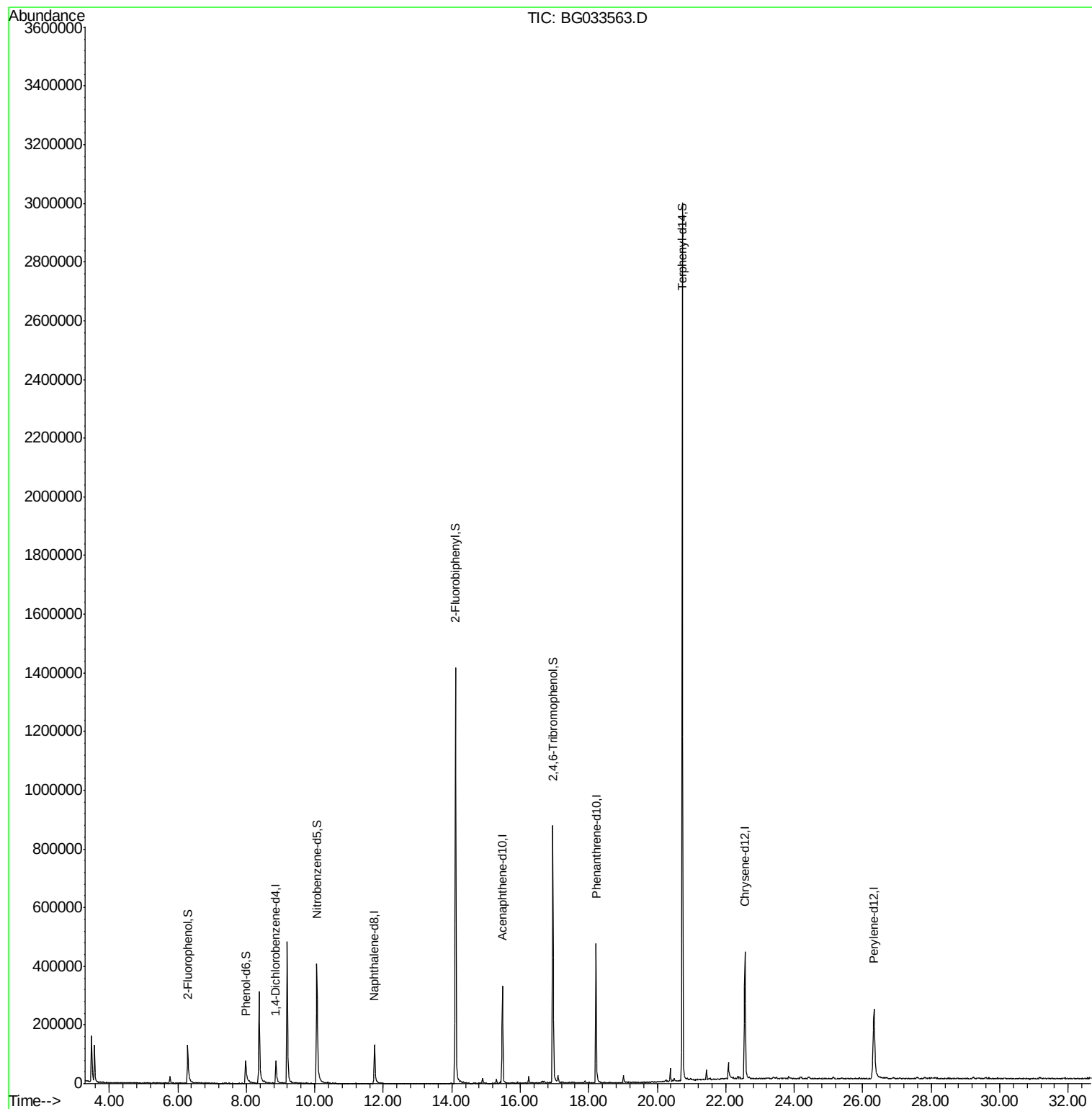
Target Compounds Qvalue

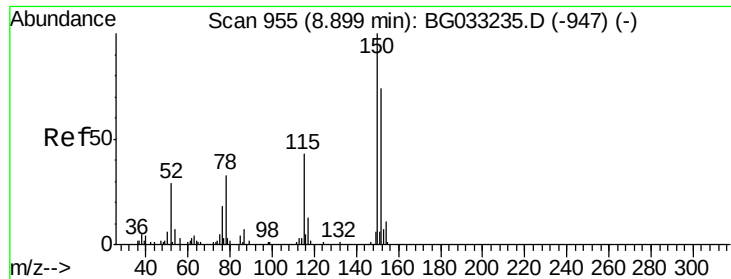
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-U-S

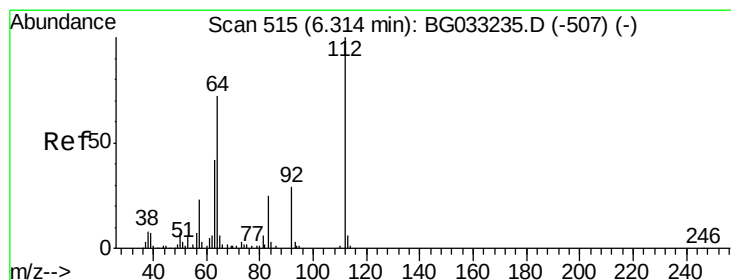
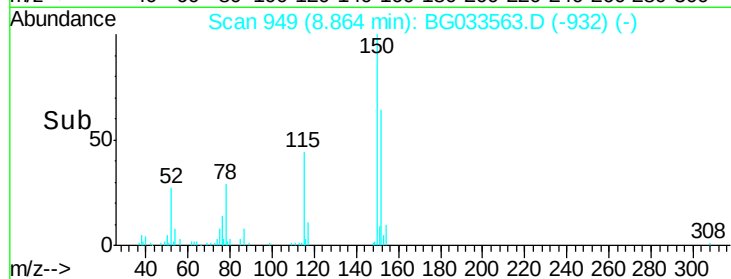
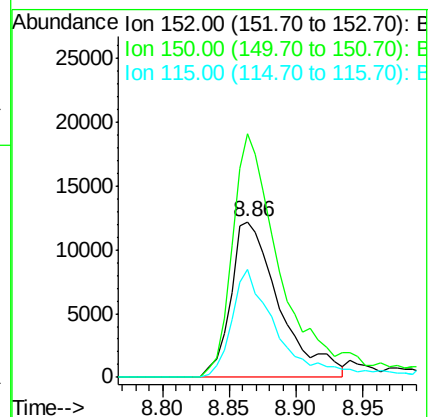
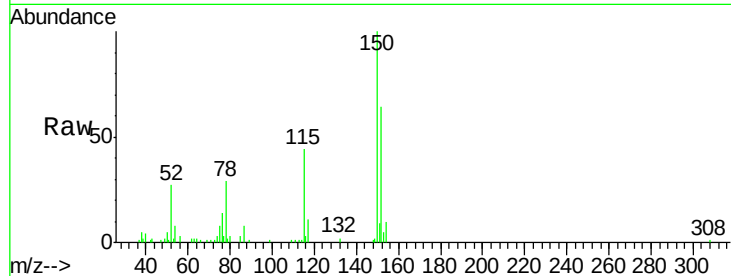
Tot Ion:152 Resp: 30776

Ion Ratio Lower Upper

152 100

150 156.4 126.6 189.8

115 69.1 53.0 79.4



#5

2-Fluorophenol

Concen: 45.831 ng

RT: 6.30 min Scan# 512

Delta R.T. 0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

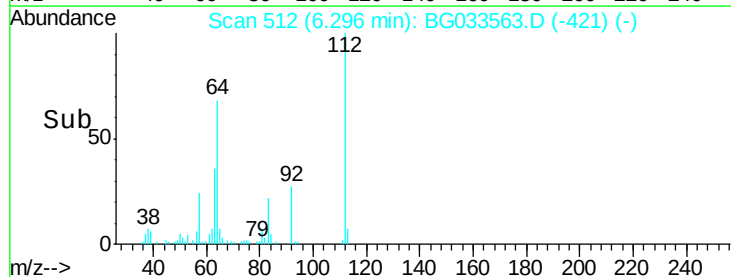
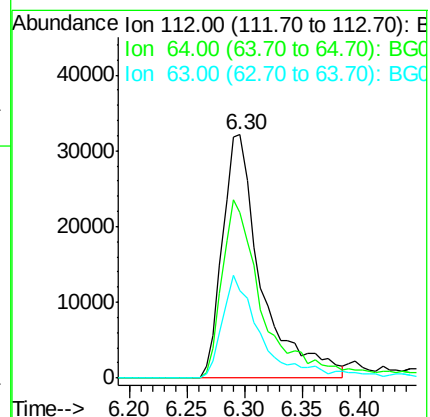
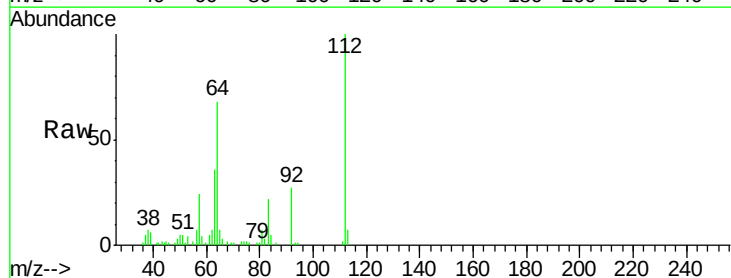
Tgt Ion:112 Resp: 75221

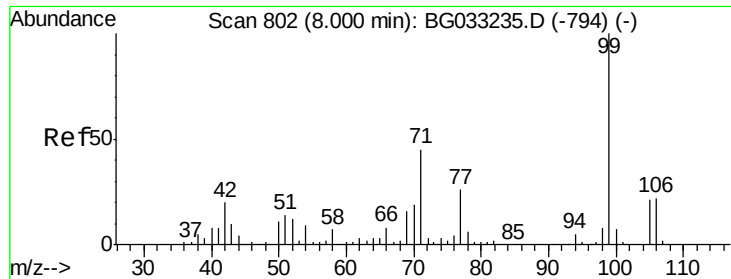
Ion Ratio Lower Upper

112 100

64 68.0 56.3 84.5

63 35.9 30.1 45.1





#7

Phenol-d6

Concen: 26.390 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-U-S

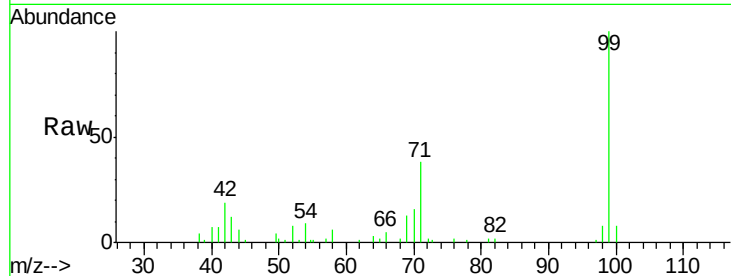
Tot Ion: 99 Resp: 74422

Ion Ratio Lower Upper

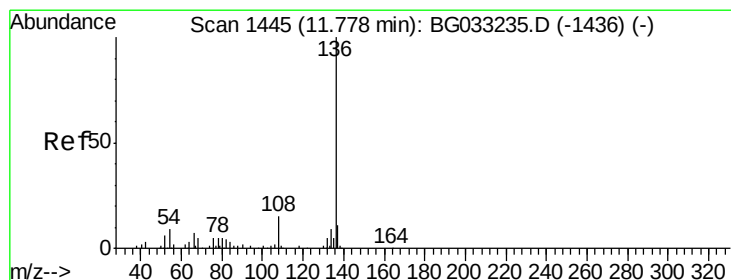
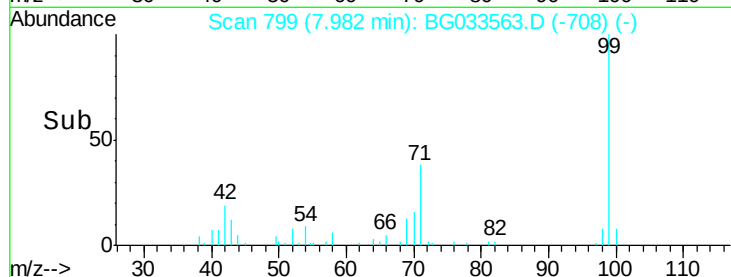
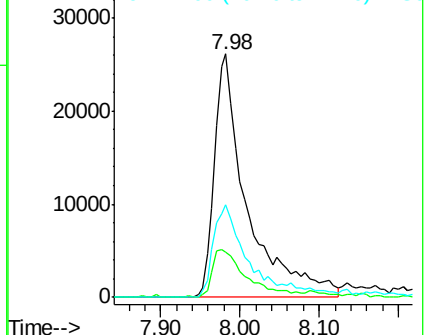
99 100

42 18.8 14.1 21.1

71 37.9 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: 11.75 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Tgt Ion: 136 Resp: 143511

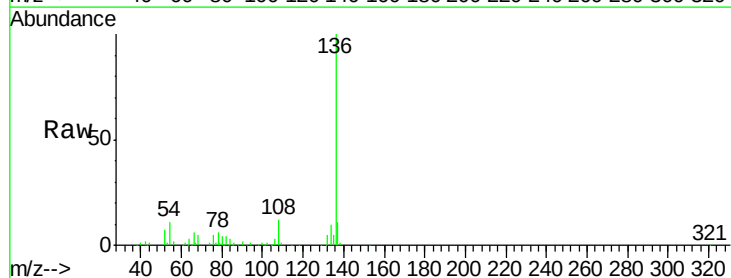
Ion Ratio Lower Upper

136 100

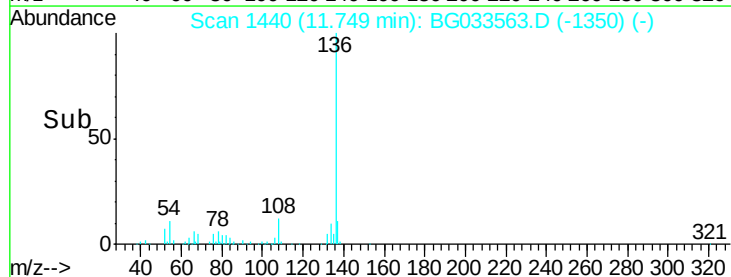
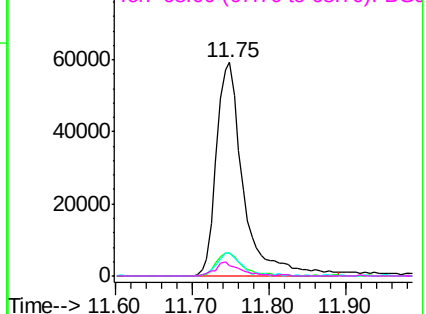
137 10.6 9.2 13.8

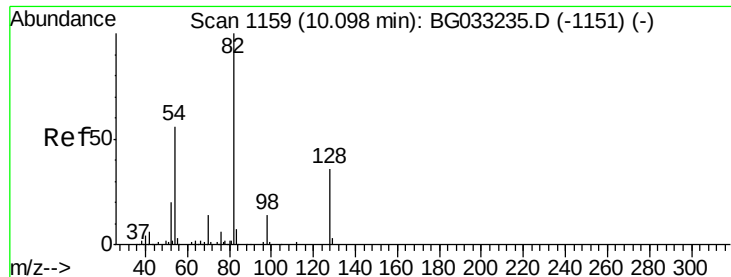
54 10.8 10.3 15.5

68 4.9 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: 104.168 ng

RT: 10.06 min Scan# 1153

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-U-S

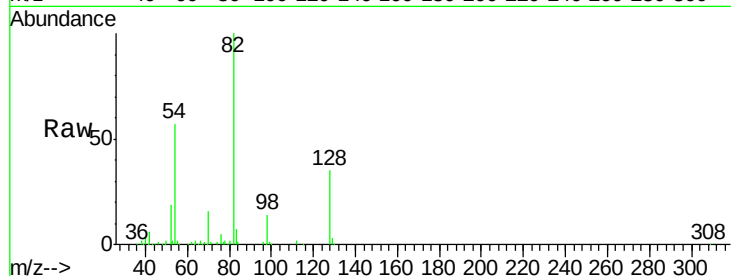
Tot Ion: 82 Resp: 325378

Ion Ratio Lower Upper

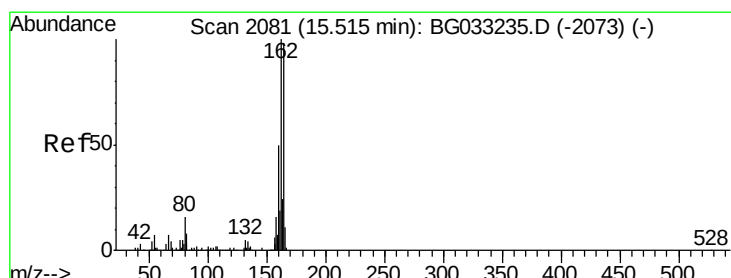
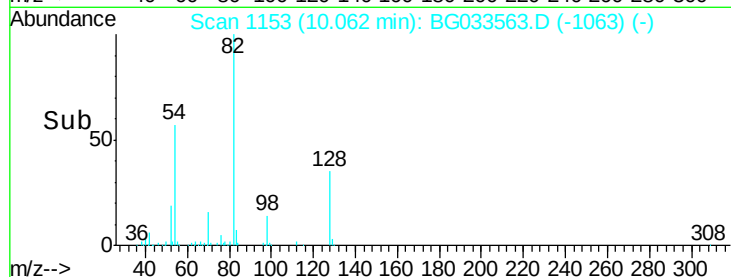
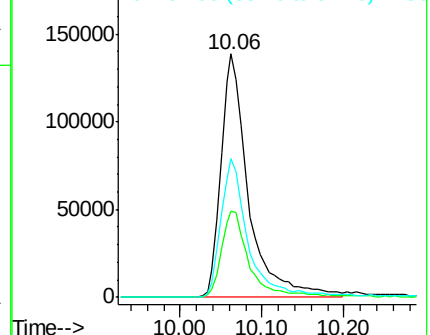
82 100

128 35.3 29.7 44.5

54 57.0 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: 15.48 min Scan# 2075

Delta R.T. -0.01 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

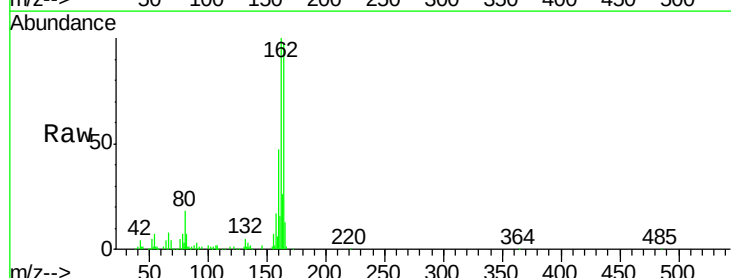
Tgt Ion: 164 Resp: 124781

Ion Ratio Lower Upper

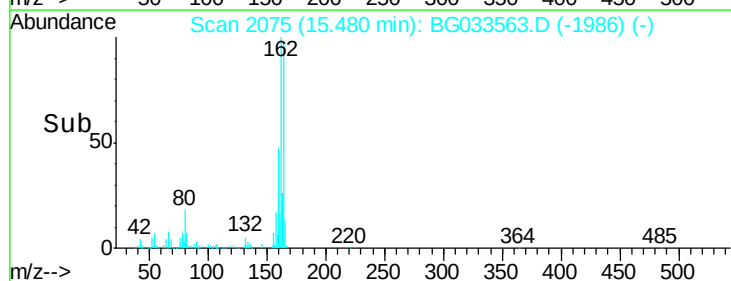
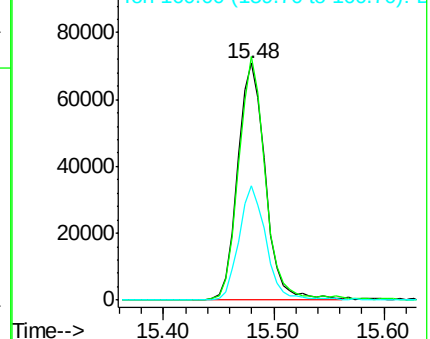
164 100

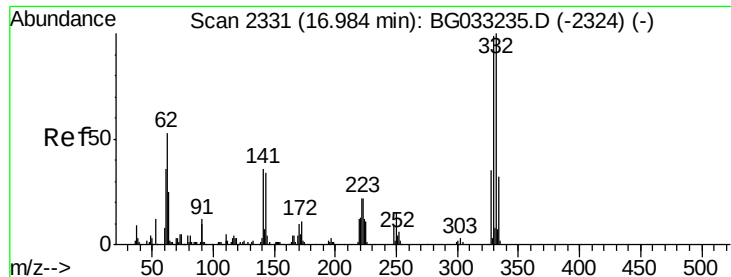
162 102.9 78.8 118.2

160 48.5 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

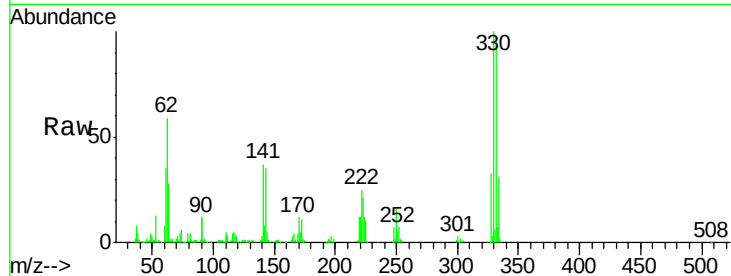




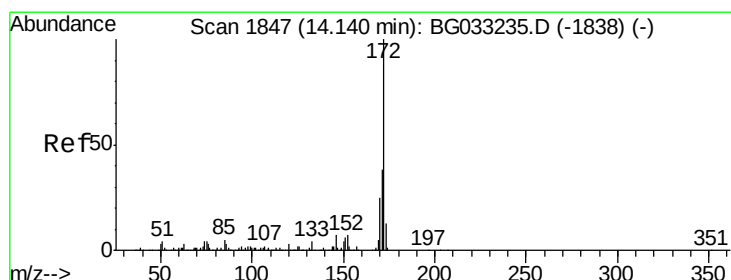
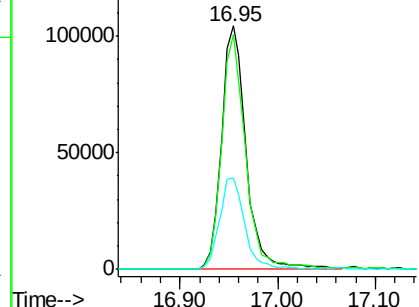
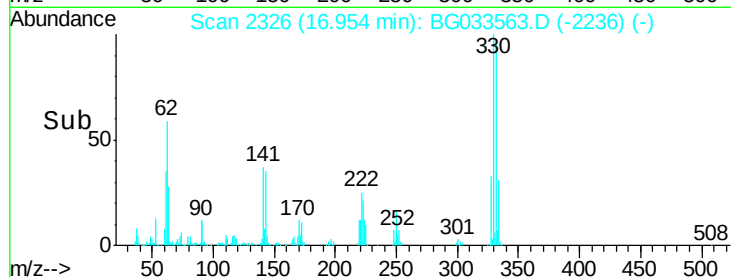
#41
 2,4,6-Tribromophenol
 Concen: 97.693 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

Instrument :
 BNA_G
 ClientSampleId :
 032818-JETB-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.0	115.6
141	38.6	25.2	37.8#

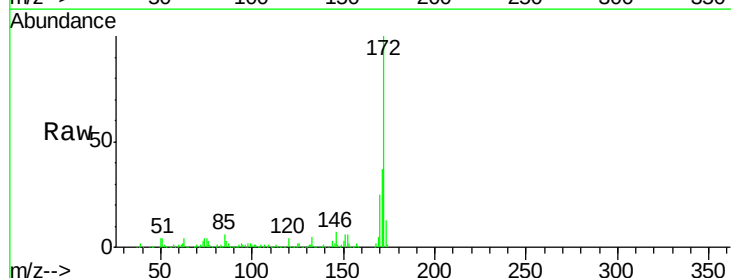


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

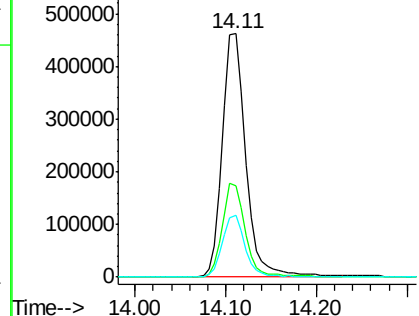
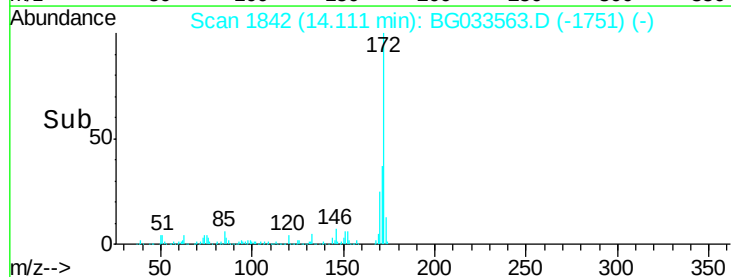


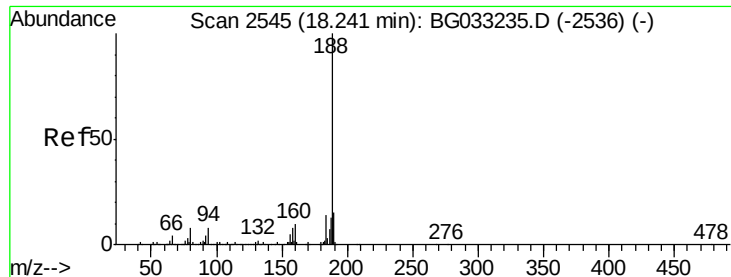
#44
 2-Fluorobiphenyl
 Concen: 96.594 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BG033563.D
 Acq: 4 Apr 2018 17:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-U-S

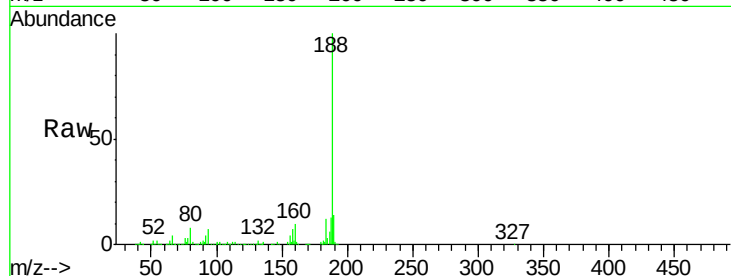
Tot Ion:188 Resp: 334073

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

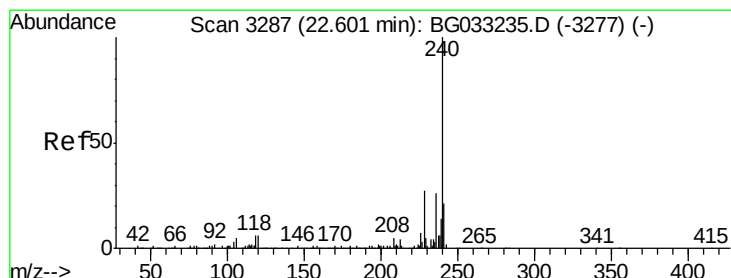
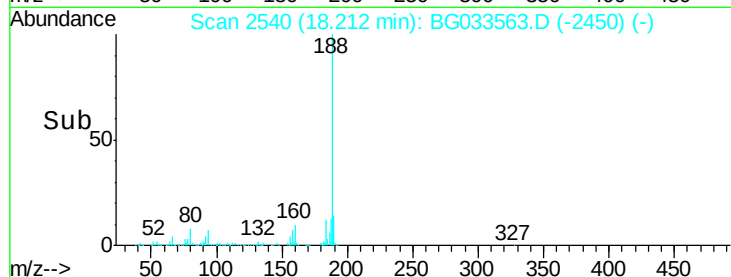
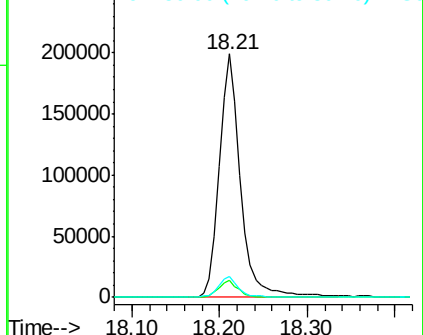
80 8.4 7.7 11.5



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

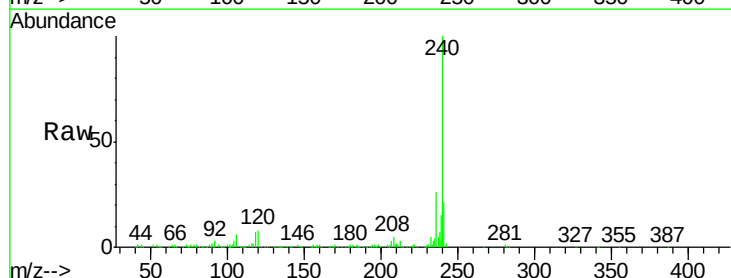
Tgt Ion:240 Resp: 330412

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

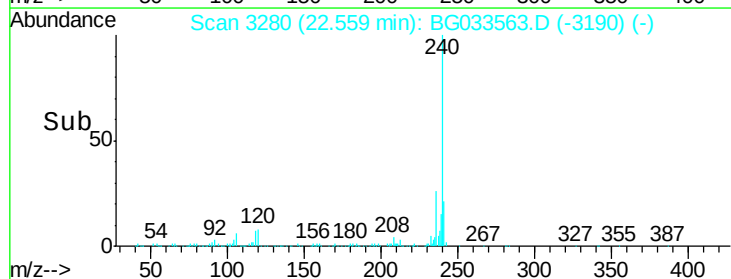
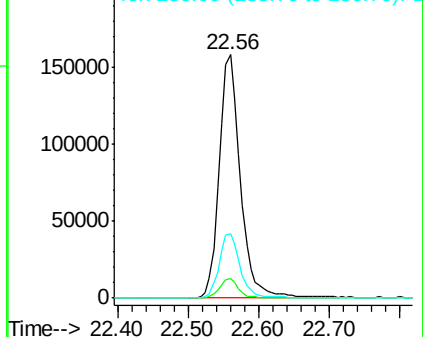
236 26.4 20.9 31.3

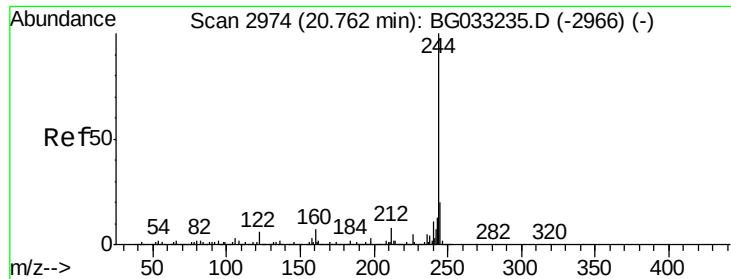


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.655 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

Instrument :

BNA_G

ClientSampleId :

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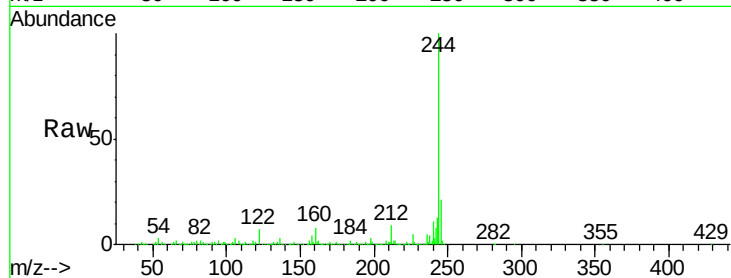
Tot Ion:244 Resp: 1493309

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

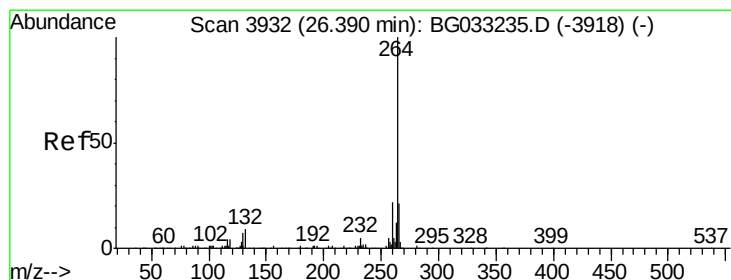
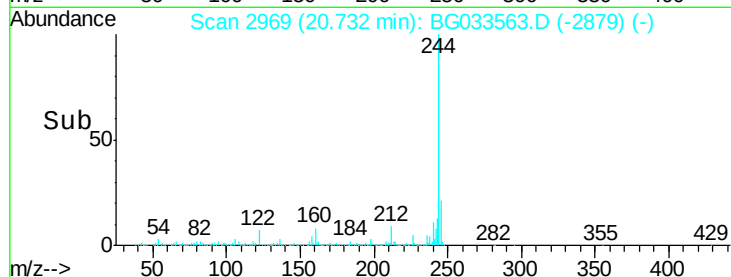
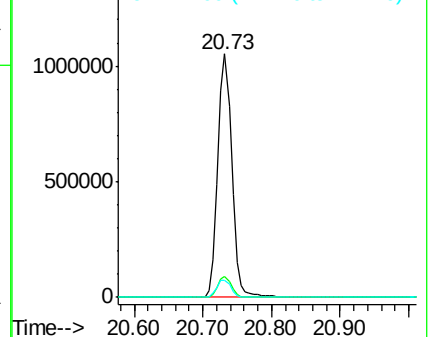
122 7.2 7.0 10.4



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: 26.33 min Scan# 3921

Delta R.T. 0.00 min

Lab File: BG033563.D

Acq: 4 Apr 2018 17:05

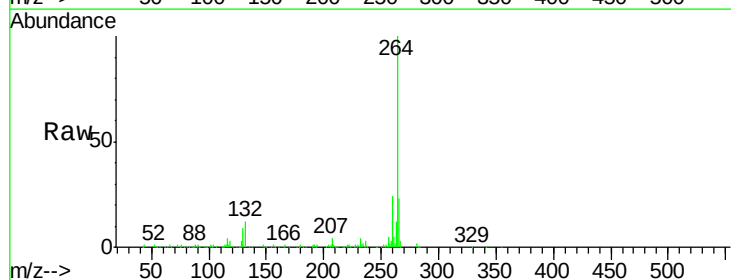
Tgt Ion:264 Resp: 335622

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 23.0 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

