

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033550.D
 Acq On : 4 Apr 2018 8:14
 Operator : SJ/JU
 Sample : J2177-07
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 032818-JETB-F-D-B

Quant Time: Apr 04 09:07:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28776	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	143061	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	120797	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	325902	20.00	ng	0.00
75) Chrysene-d12	22.56	240	332117	20.00	ng	0.00
86) Perylene-d12	26.33	264	338740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	79271	51.66	ng	0.00
7) Phenol-d6	7.98	99	86253	32.71	ng	0.00
23) Nitrobenzene-d5	10.06	82	309929	99.53	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	167681	92.81	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	784587	93.77	ng	0.00
78) Terphenyl-d14	20.73	244	1409091	90.74	ng	0.00

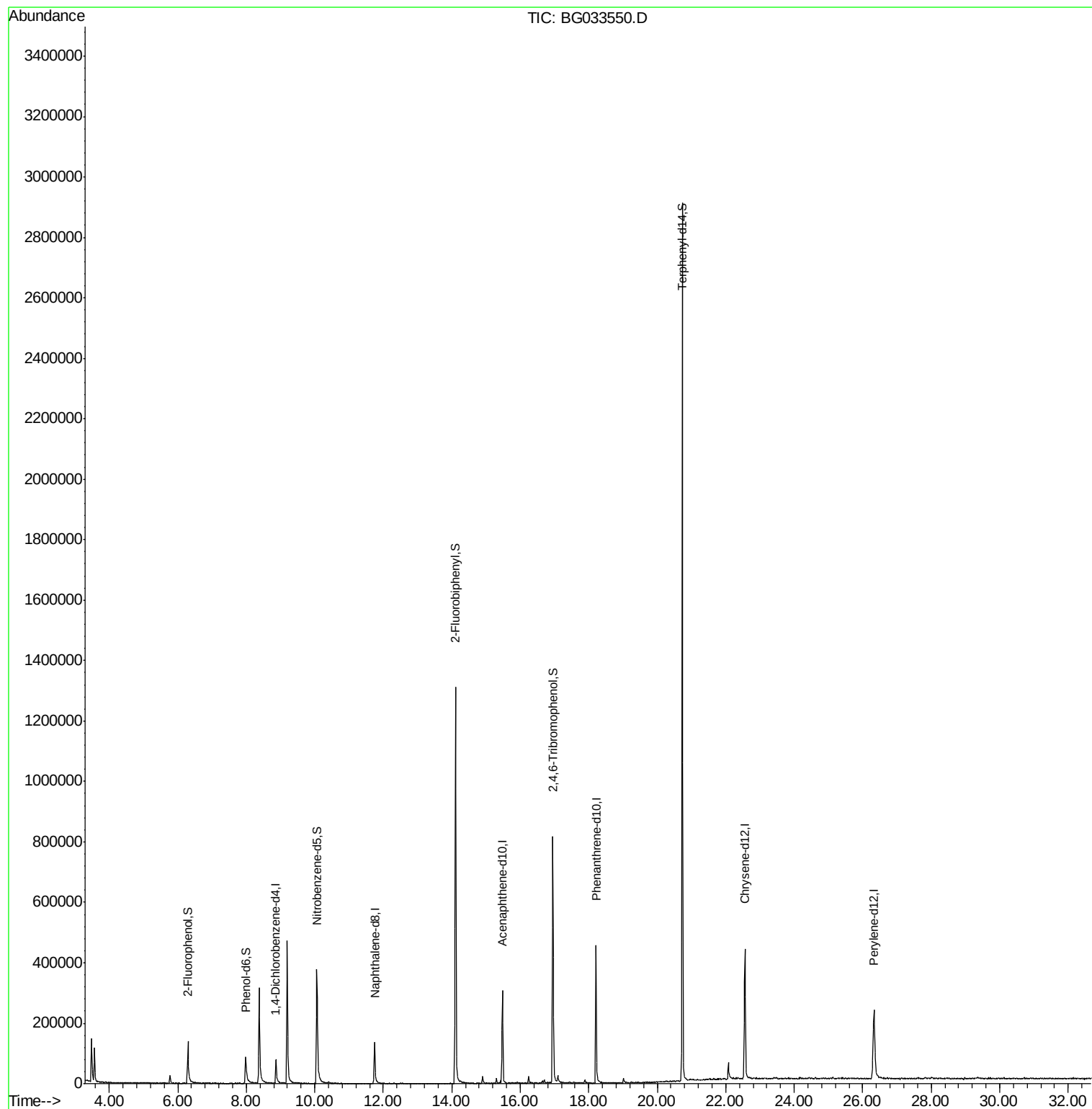
Target Compounds Qvalue

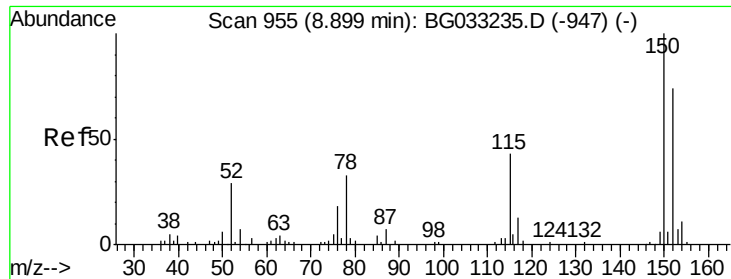
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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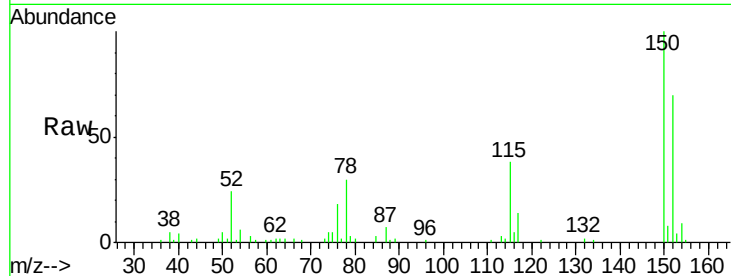


#1

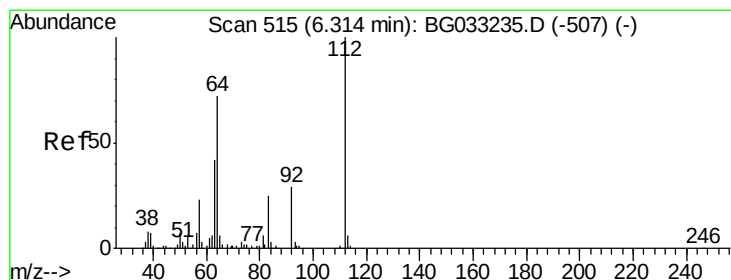
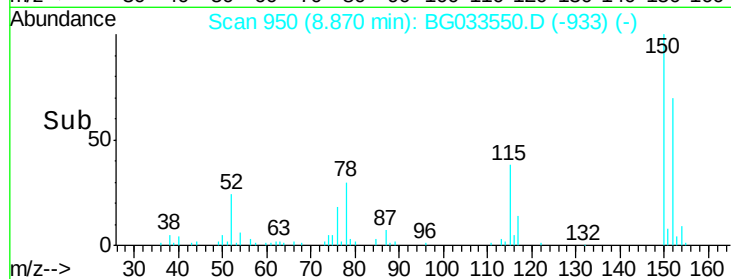
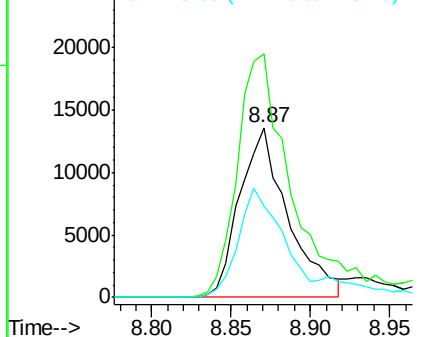
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Instrument :
 BNA_G
 ClientSampleId :
 032818-JETB-F-D-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.6	126.6	189.8
115	53.9	53.0	79.4



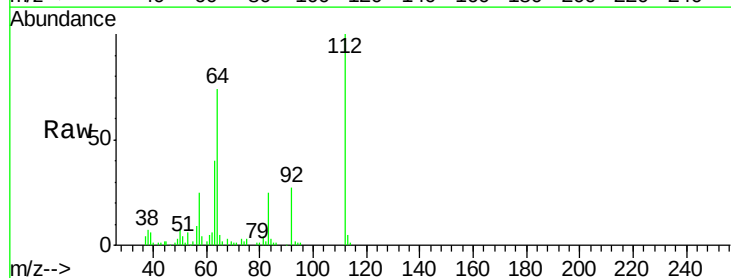
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



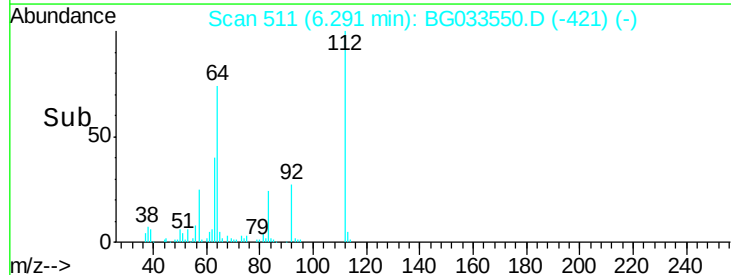
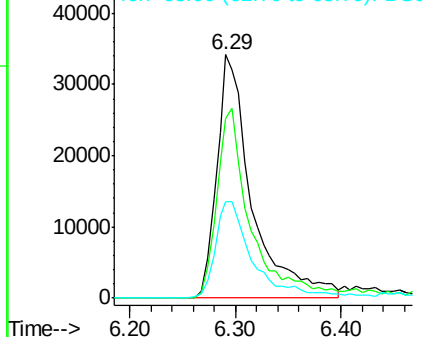
#5

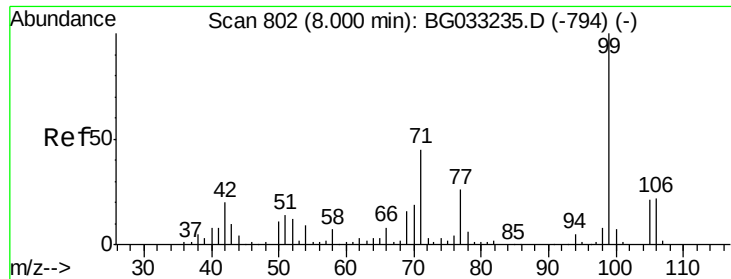
2-Fluorophenol
 Concen: 51.655 ng
 RT: 6.29 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BG033550.D
 Acq: 4 Apr 2018 8:14

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.8	56.3	84.5
63	39.8	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: 32.711 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-D-B

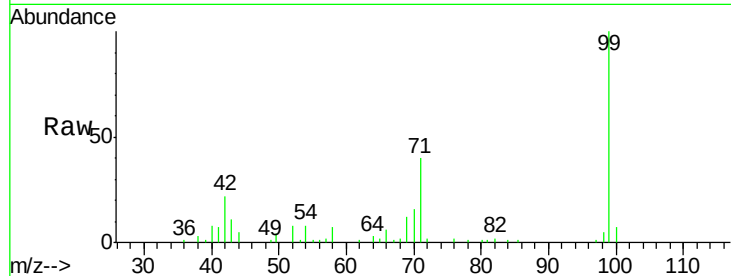
Tot Ion: 99 Resp: 86253

Ion Ratio Lower Upper

99 100

42 21.9 14.1 21.1#

71 39.6 26.1 39.1#

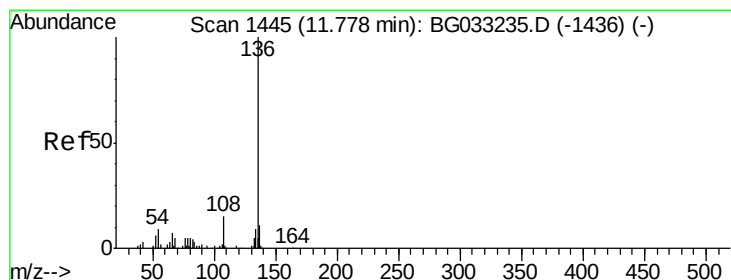
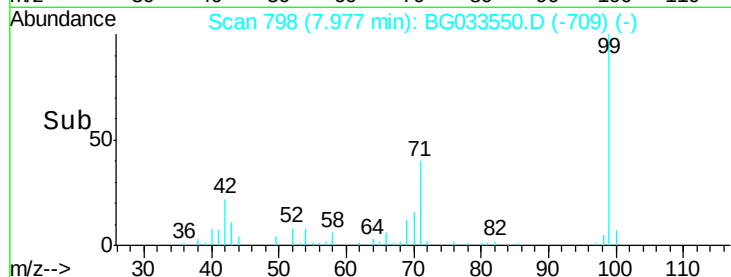
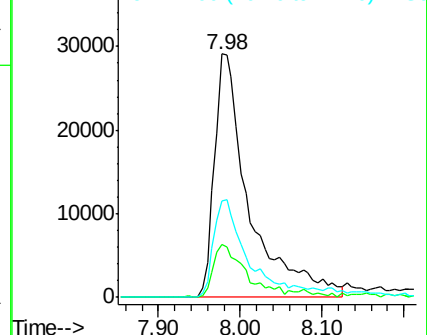


Abundance

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: 11.75 min Scan# 1440

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Tgt Ion: 136 Resp: 143061

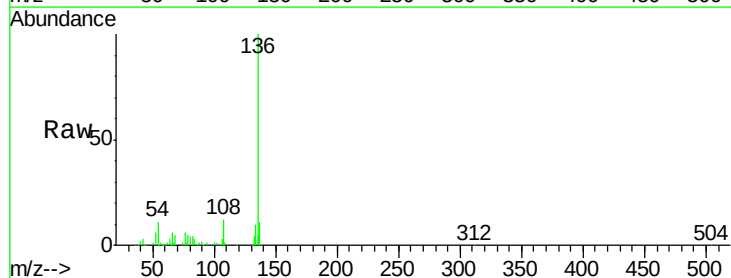
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 10.9 10.3 15.5

68 4.8 4.5 6.7



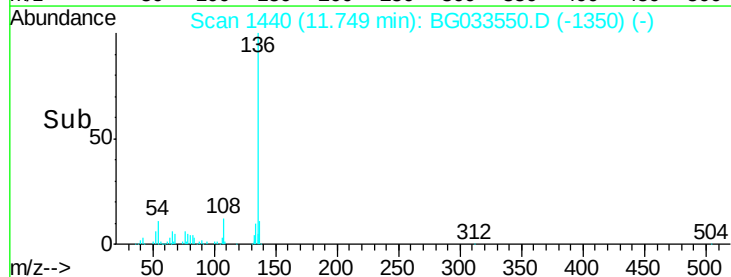
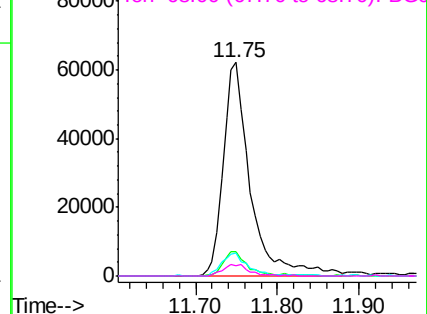
Abundance

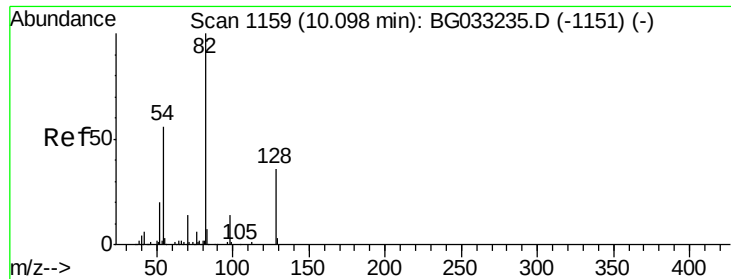
Ion 136.00 (135.70 to 136.70): BGC

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: 99.534 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-D-B

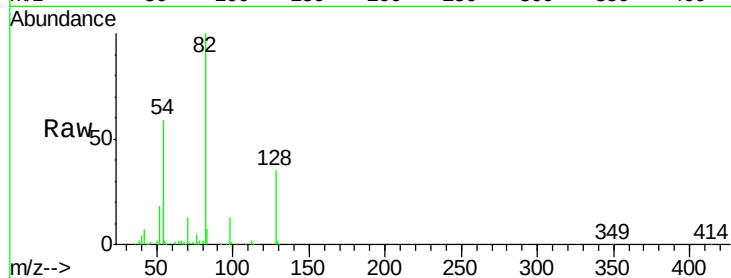
Tot Ion: 82 Resp: 309929

Ion Ratio Lower Upper

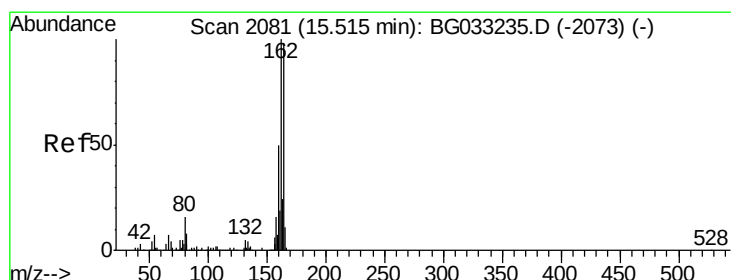
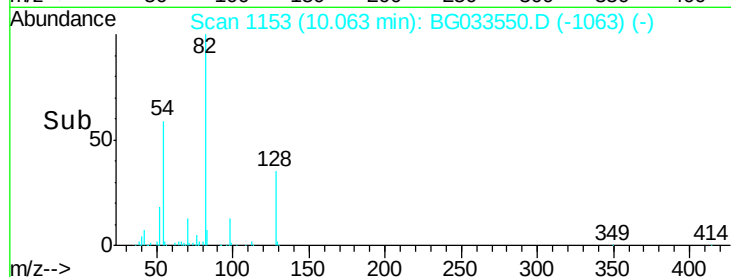
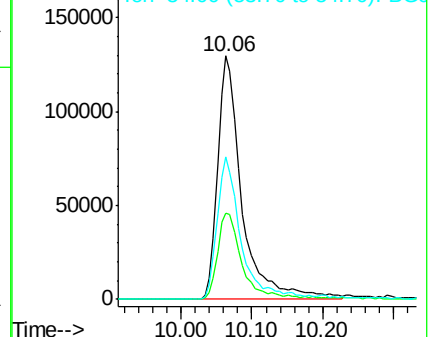
82 100

128 35.5 29.7 44.5

54 58.7 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. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

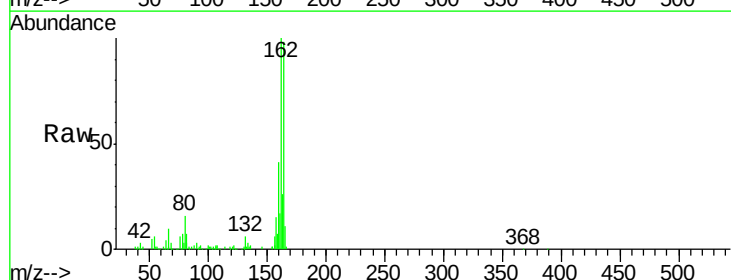
Tgt Ion:164 Resp: 120797

Ion Ratio Lower Upper

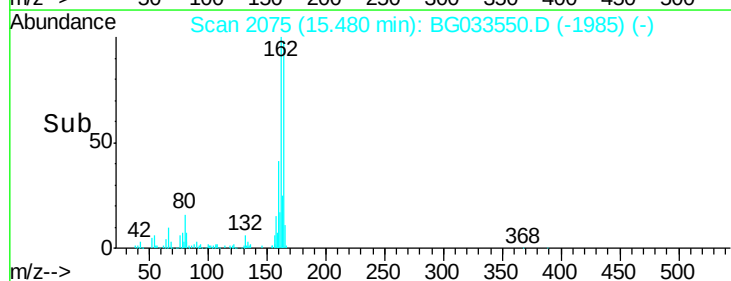
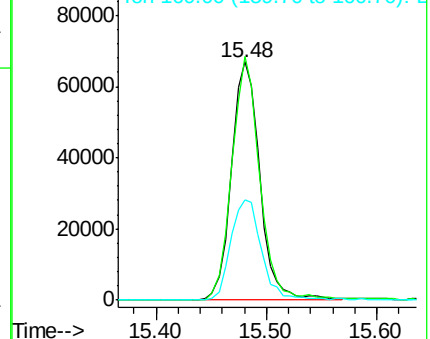
164 100

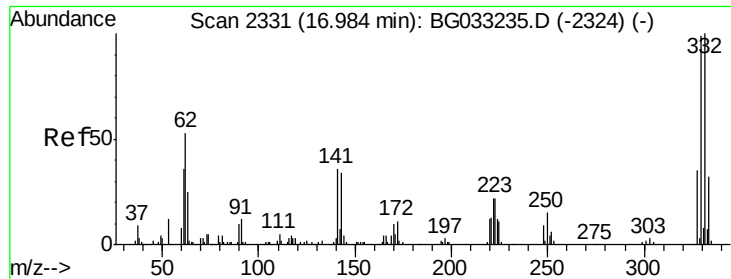
162 102.1 78.8 118.2

160 41.9 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: 92.813 ng

RT: 16.96 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-D-B

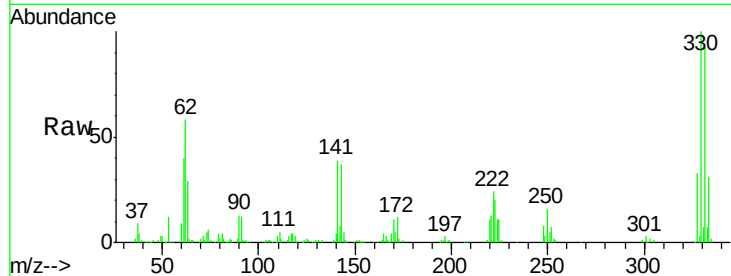
Tot Ion:330 Resp: 167681

Ion Ratio Lower Upper

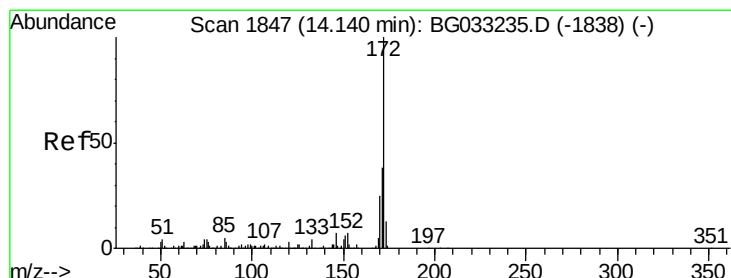
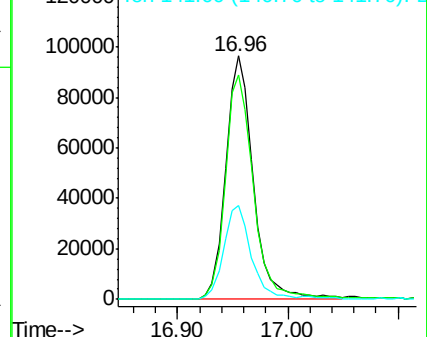
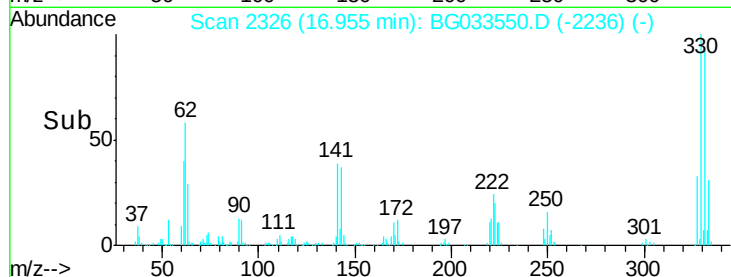
330 100

332 94.3 77.0 115.6

141 38.2 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: 93.765 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

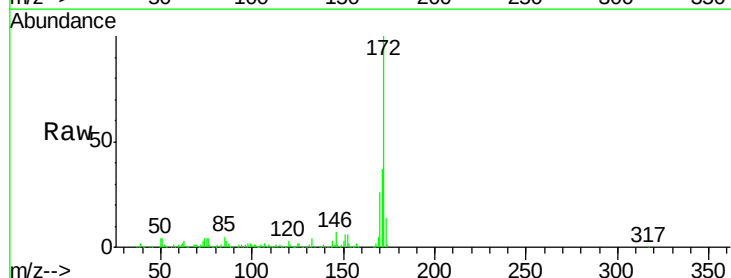
Tgt Ion:172 Resp: 784587

Ion Ratio Lower Upper

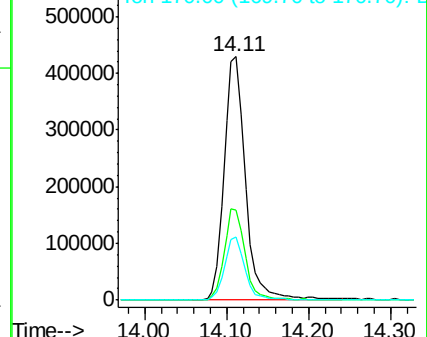
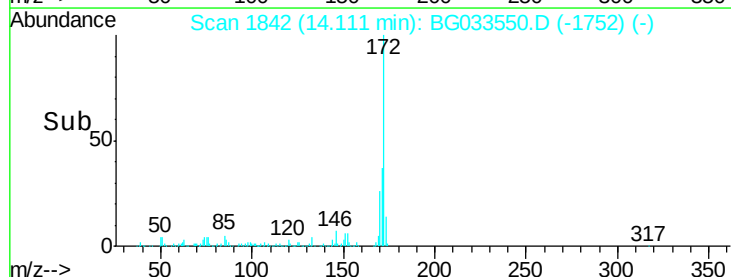
172 100

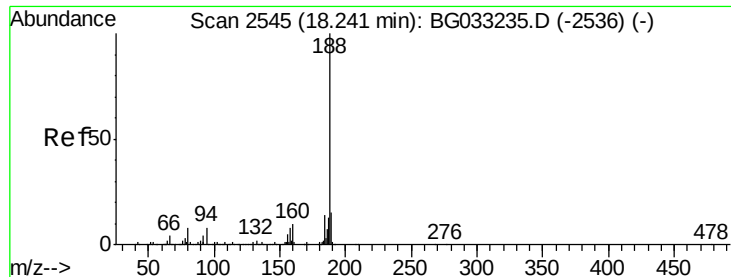
171 36.9 30.0 45.0

170 25.8 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

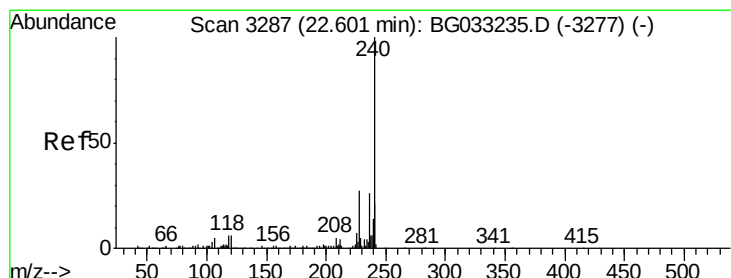
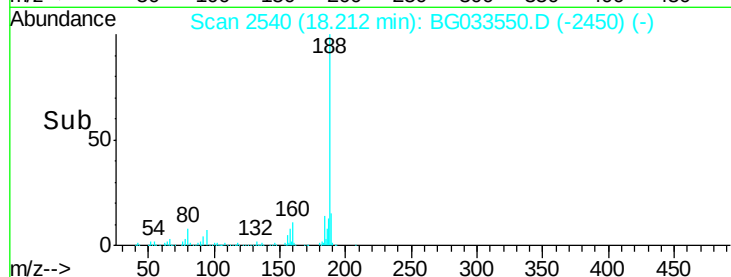
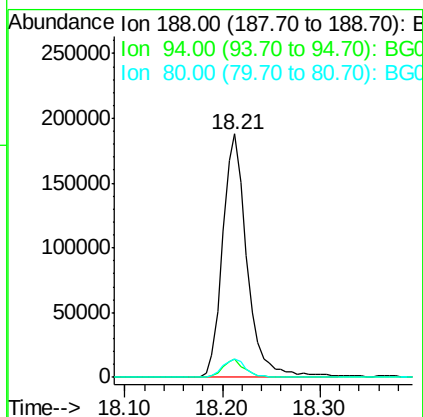
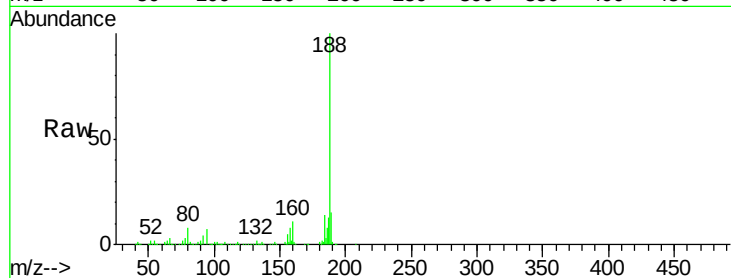




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. 0.00 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

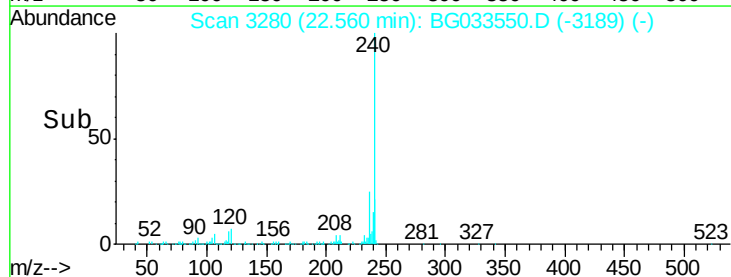
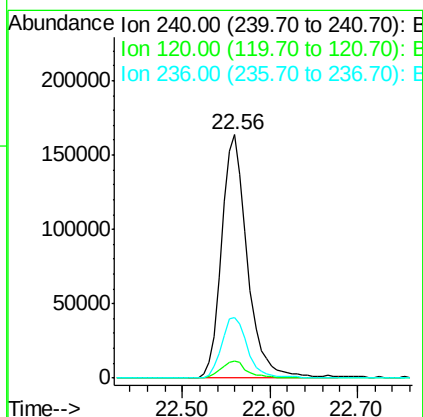
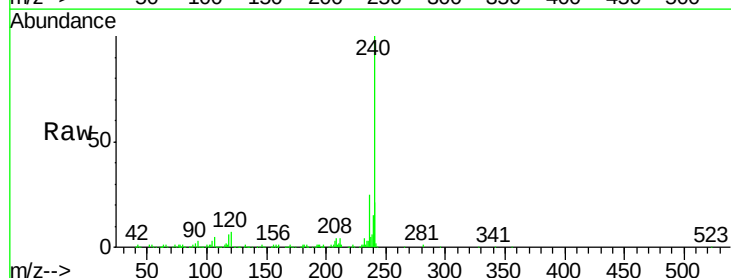
Instrument :
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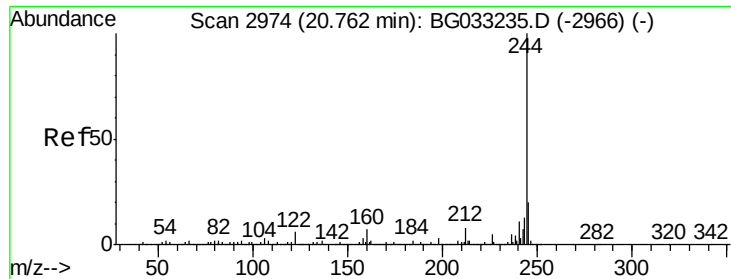
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	7.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. 0.01 min
Lab File: BG033550.D
Acq: 4 Apr 2018 8:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	24.9	20.9	31.3





#78

Terphenyl-d14

Concen: 90.736 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

Instrument :

BNA_G

ClientSampleId :

032818-JETB-F-D-B

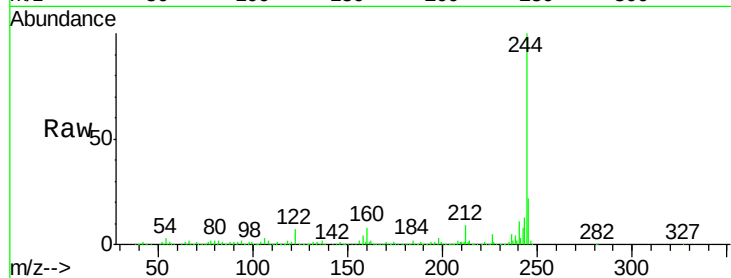
Tot Ion:244 Resp: 1409091

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

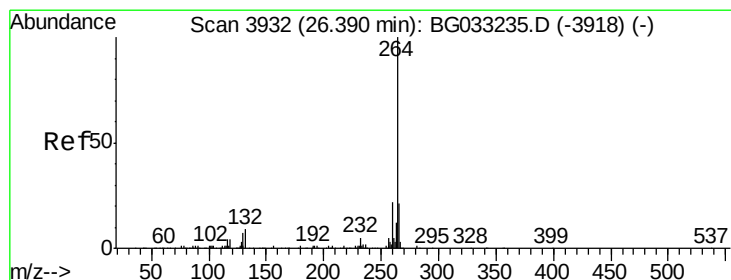
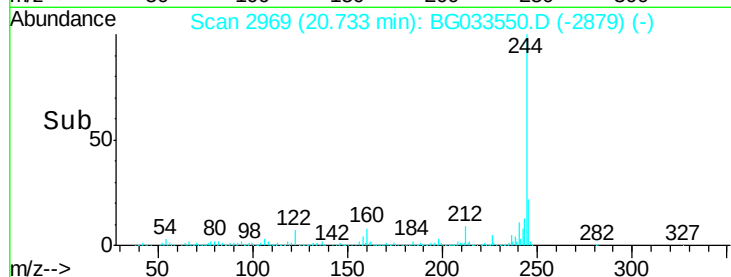
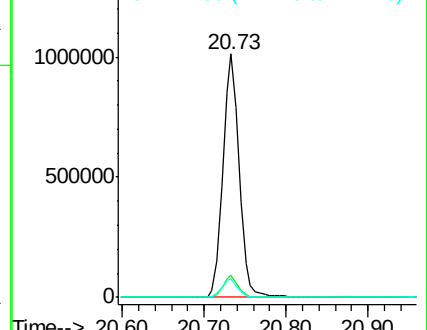
122 7.4 7.0 10.4



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. 0.01 min

Lab File: BG033550.D

Acq: 4 Apr 2018 8:14

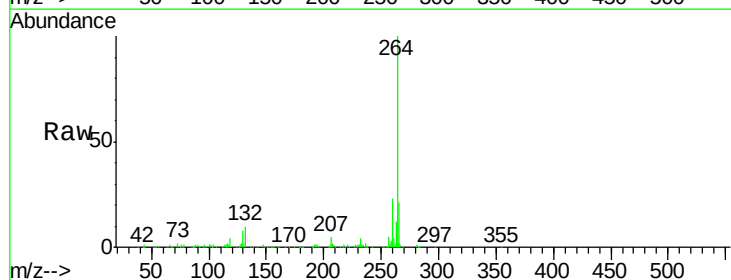
Tgt Ion:264 Resp: 338740

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.2 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

