

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033656.D
 Acq On : 7 Apr 2018 8:40
 Operator : SJ/JU
 Sample : J2225-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETT-F-U-M

Quant Time: Apr 09 02:23:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

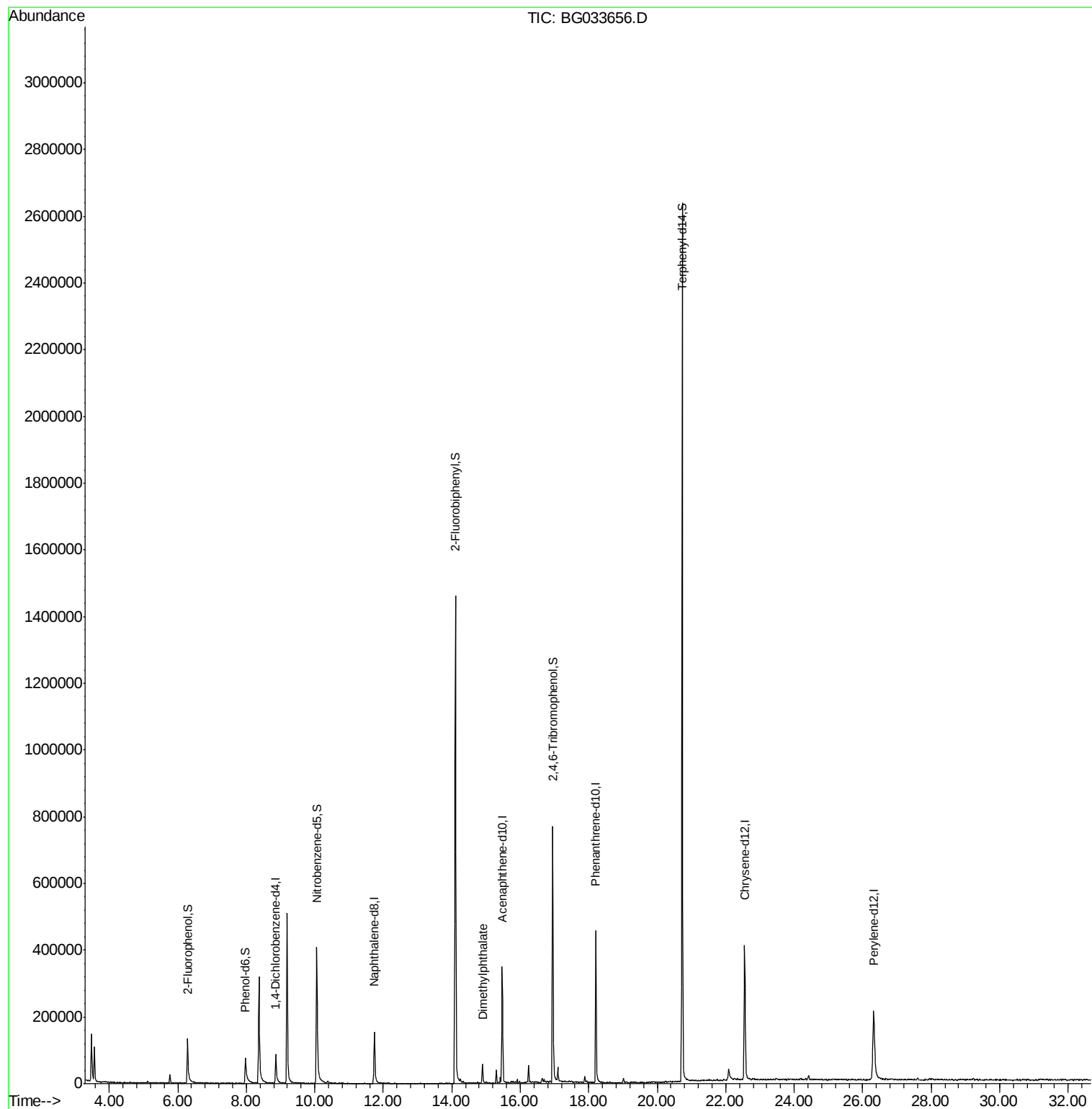
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33102	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	158145	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	129313	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	318672	20.00	ng	0.00
75) Chrysene-d12	22.55	240	316423	20.00	ng	0.00
86) Perylene-d12	26.31	264	320159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	74469	42.18	ng	0.00
7) Phenol-d6	7.97	99	69552	22.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	321129	93.29	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	150675	77.91	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	840188	93.80	ng	0.00
78) Terphenyl-d14	20.73	244	1346081	90.98	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	38971	3.463	ng	Qvalue # 98

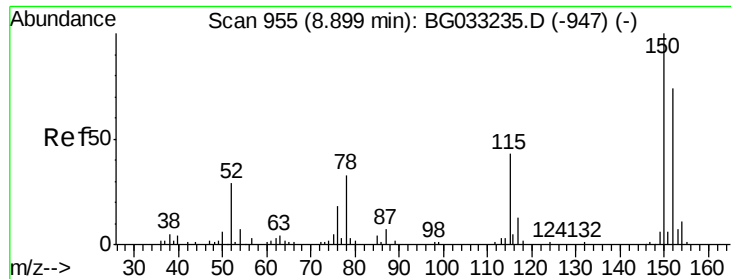
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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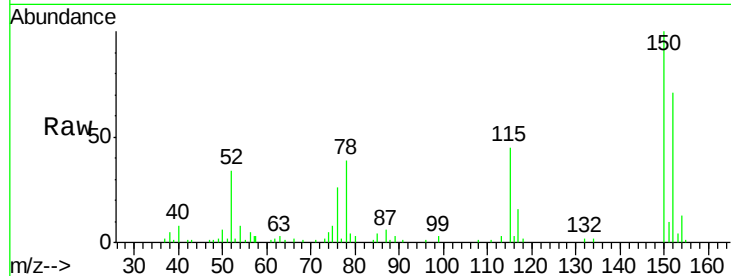


#1

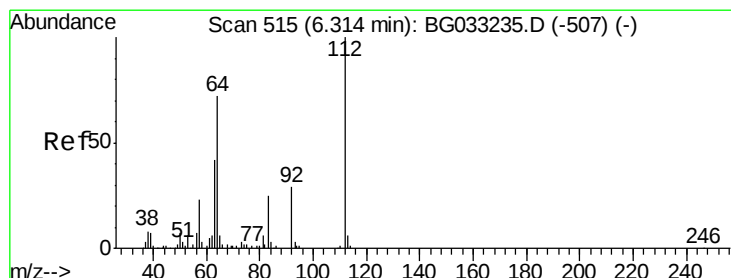
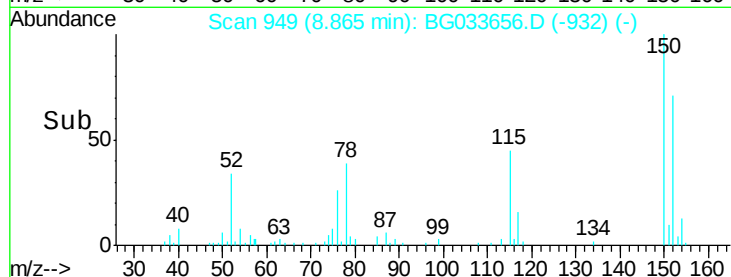
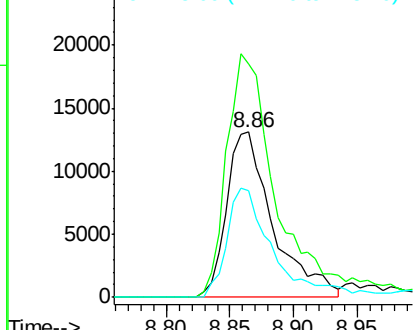
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Instrument :
BNA_G
ClientSampleId :
040218-JETT-F-U-M

Tot Ion:152 Resp: 33102
Ion Ratio Lower Upper
152 100
150 141.6 126.6 189.8
115 64.3 53.0 79.4



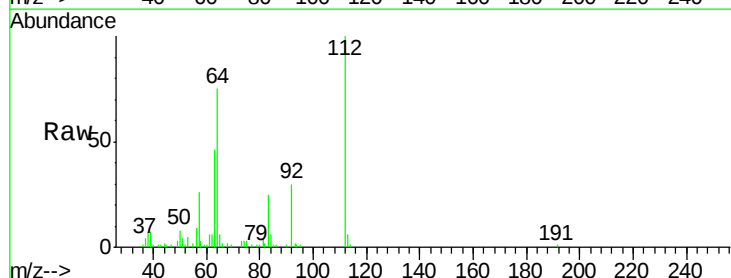
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



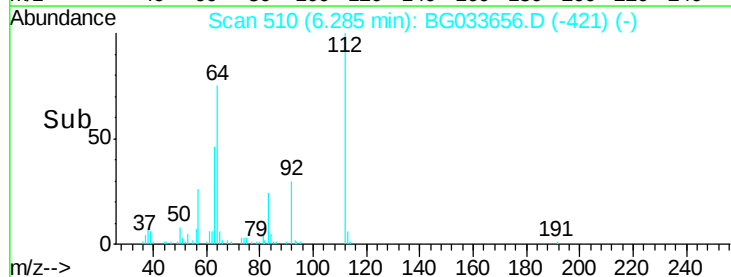
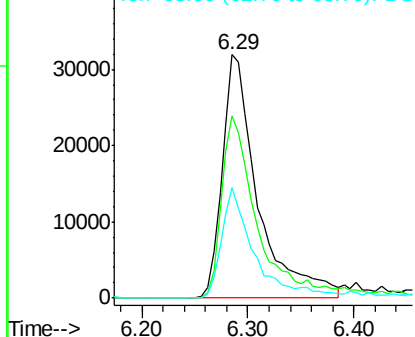
#5

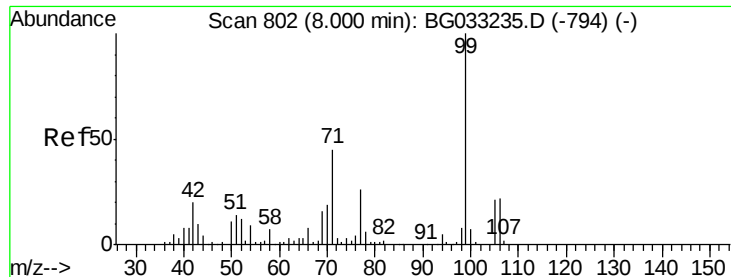
2-Fluorophenol
Concen: 42.184 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Tgt Ion:112 Resp: 74469
Ion Ratio Lower Upper
112 100
64 74.7 56.3 84.5
63 45.6 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: 22.930 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-M

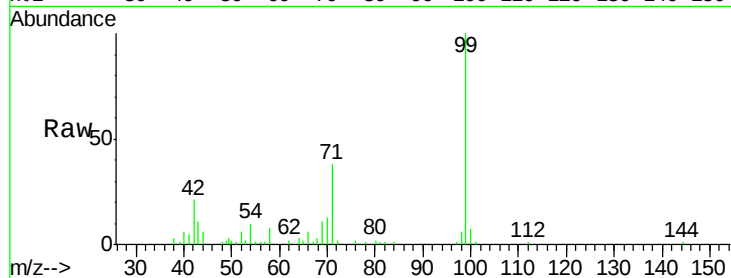
Tot Ion: 99 Resp: 69552

Ion Ratio Lower Upper

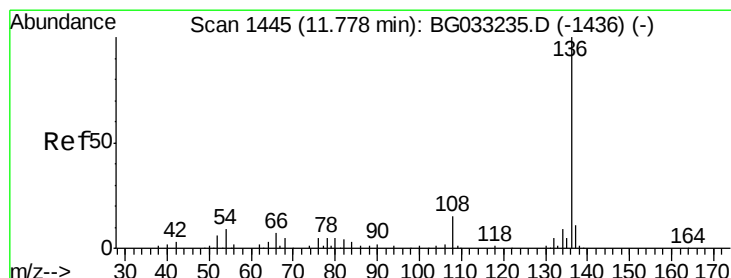
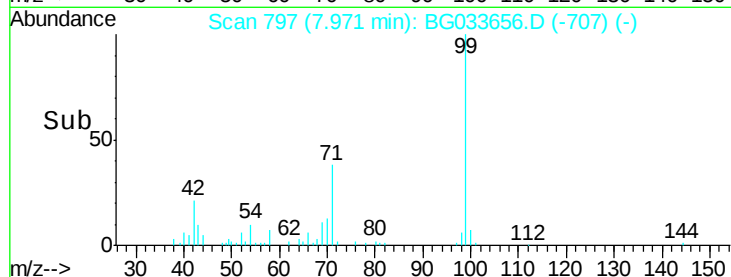
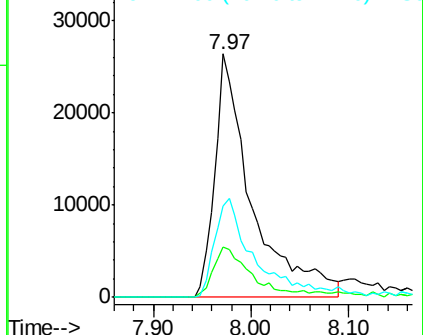
99 100

42 20.6 14.1 21.1

71 37.5 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# 1439

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Tgt Ion: 136 Resp: 158145

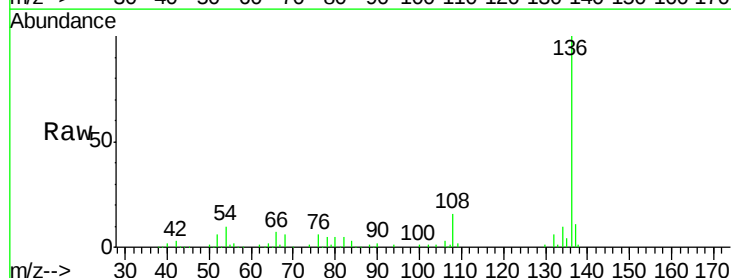
Ion Ratio Lower Upper

136 100

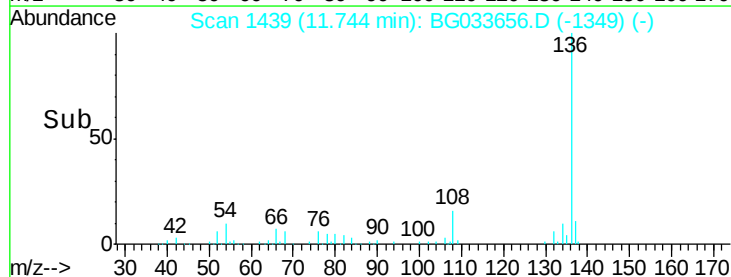
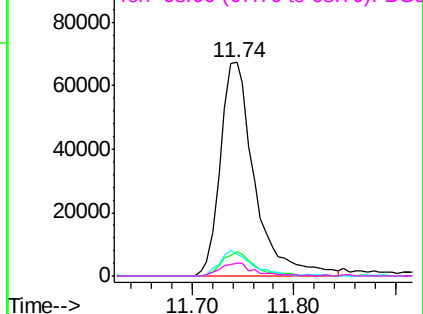
137 11.3 9.2 13.8

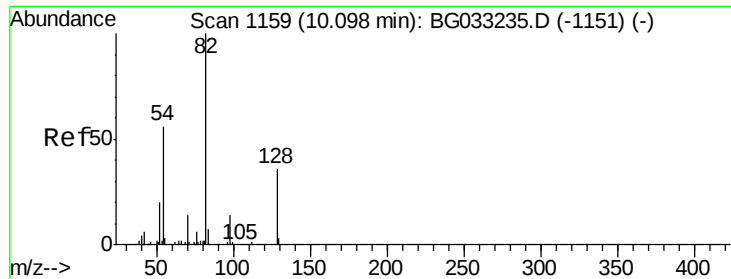
54 10.4 10.3 15.5

68 5.8 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: 93.294 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-M

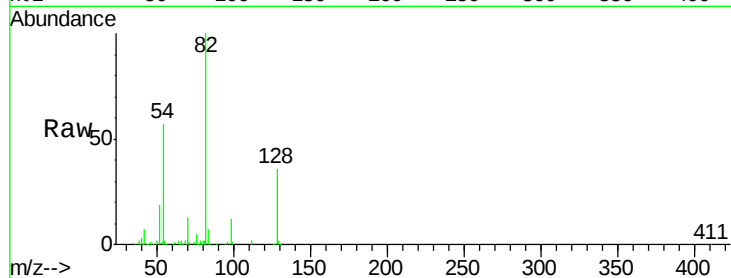
Tot Ion: 82 Resp: 321129

Ion Ratio Lower Upper

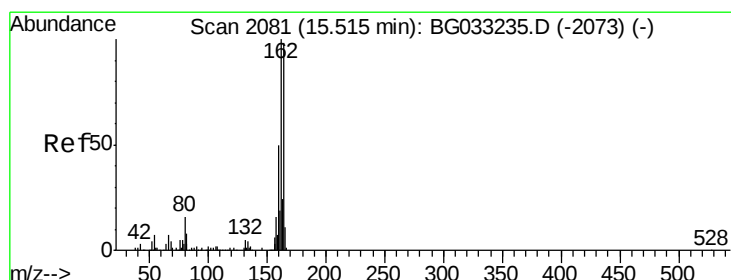
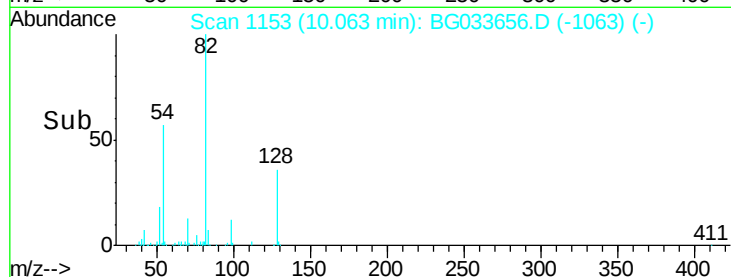
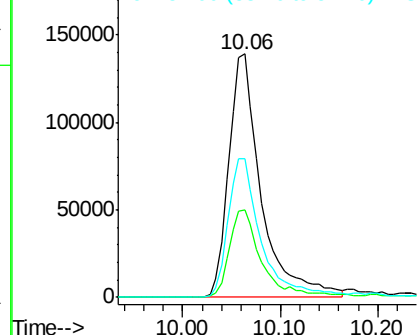
82 100

128 35.9 29.7 44.5

54 56.9 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: BG033656.D

Acq: 7 Apr 2018 8:40

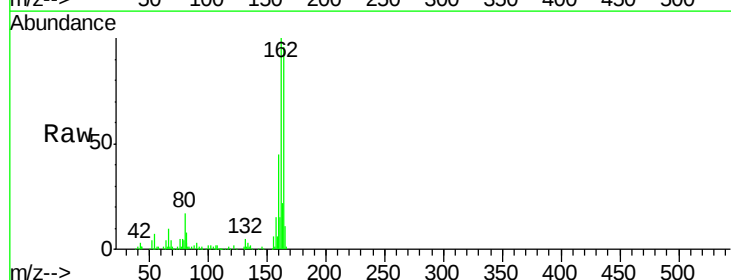
Tgt Ion: 164 Resp: 129313

Ion Ratio Lower Upper

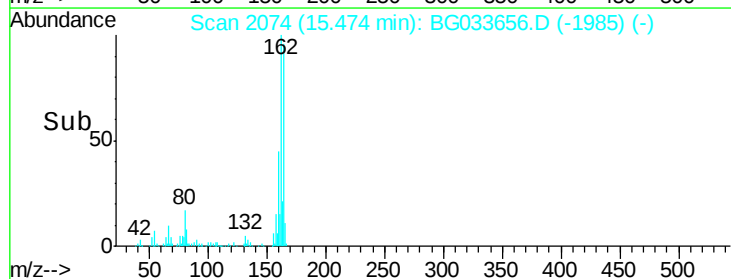
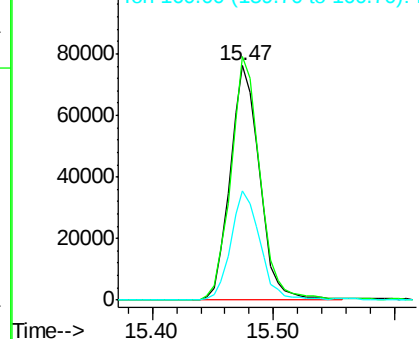
164 100

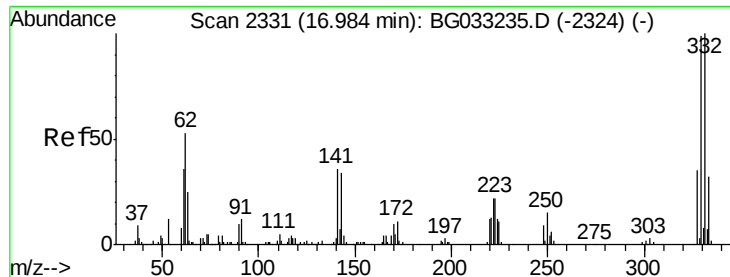
162 103.9 78.8 118.2

160 46.5 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

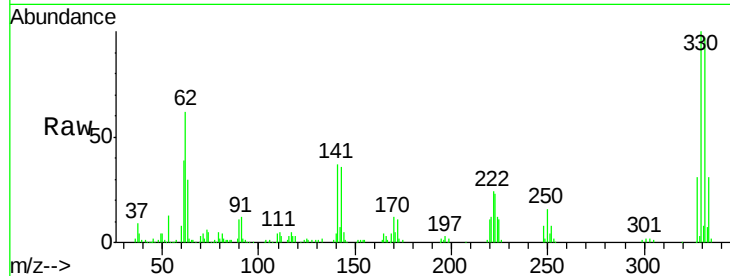




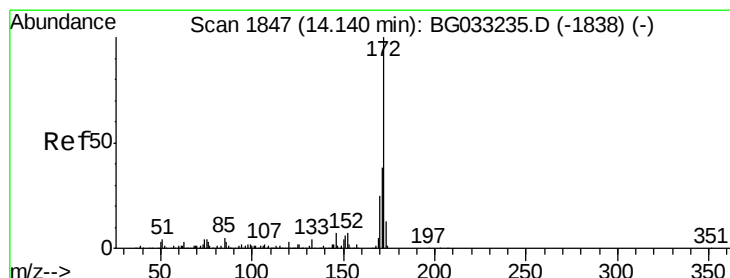
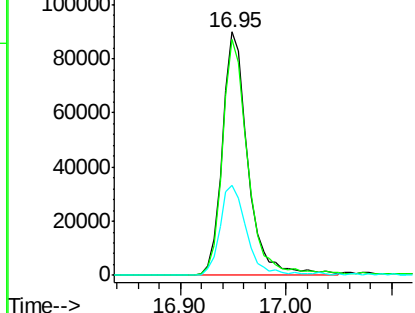
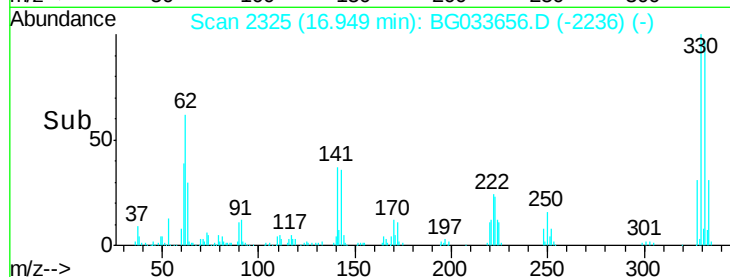
#41
 2,4,6-Tribromophenol
 Concen: 77.907 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETT-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	38.7	25.2	37.8#

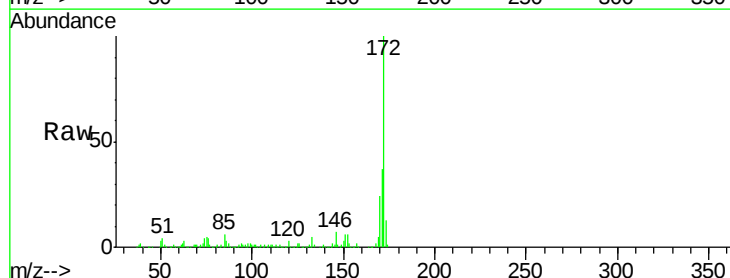


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

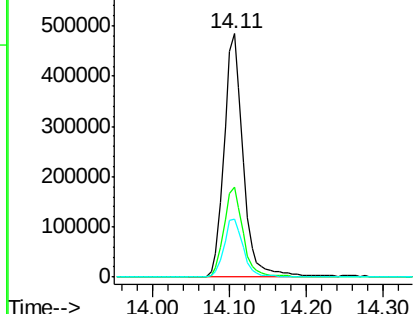
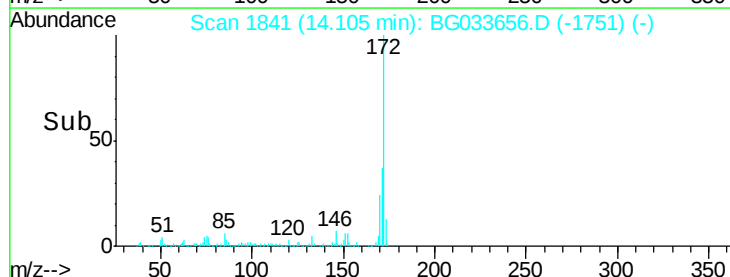


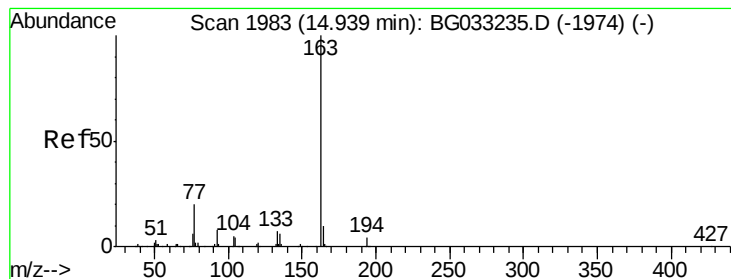
#44
 2-Fluorobiphenyl
 Concen: 93.798 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033656.D
 Acq: 7 Apr 2018 8:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.0	45.0
170	23.6	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





#49

Dimethylphthalate

Concen: 3.463 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-M

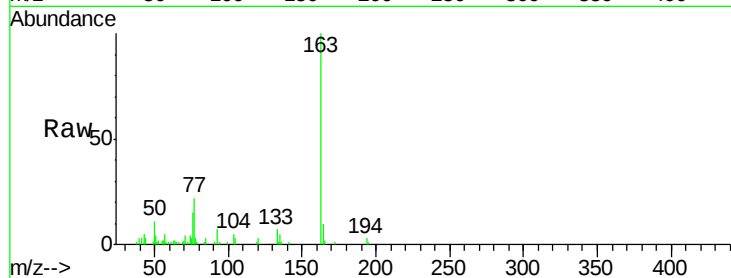
Tot Ion:163 Resp: 38971

Ion Ratio Lower Upper

163 100

194 2.9 3.4 5.2#

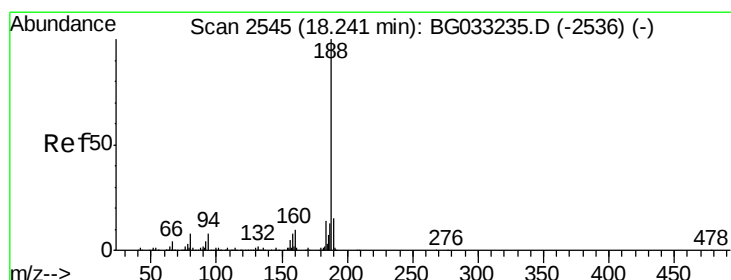
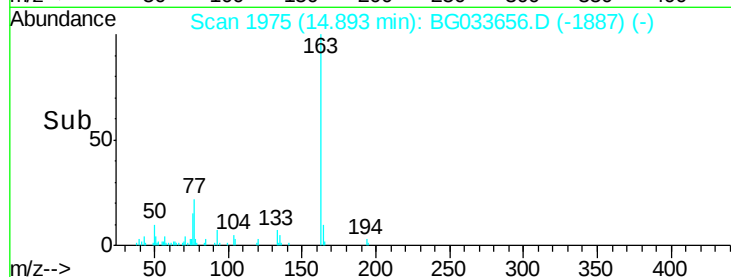
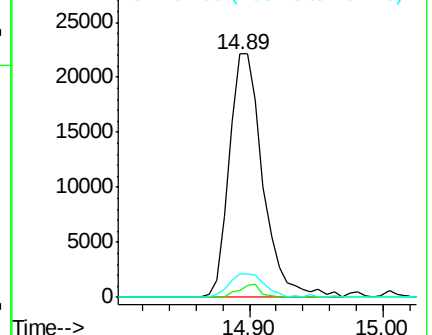
164 9.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

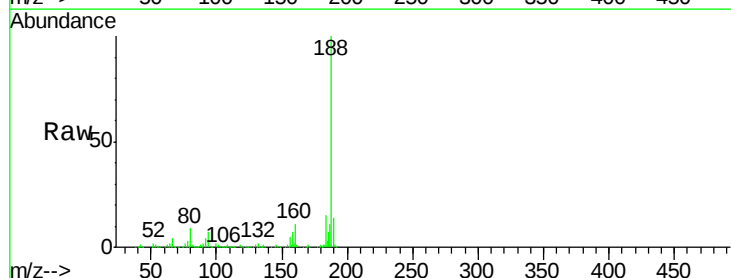
Tgt Ion:188 Resp: 318672

Ion Ratio Lower Upper

188 100

94 7.4 6.9 10.3

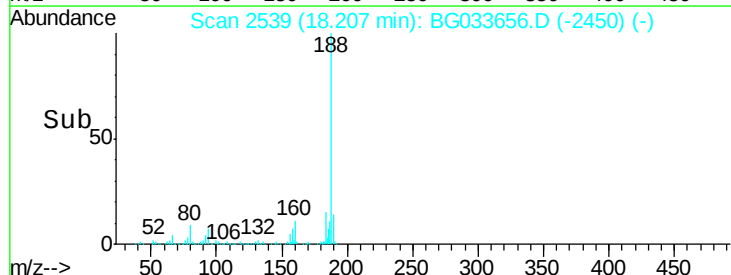
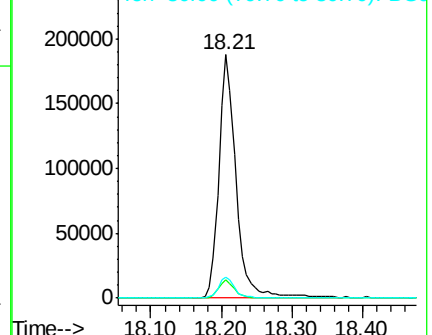
80 8.6 7.7 11.5

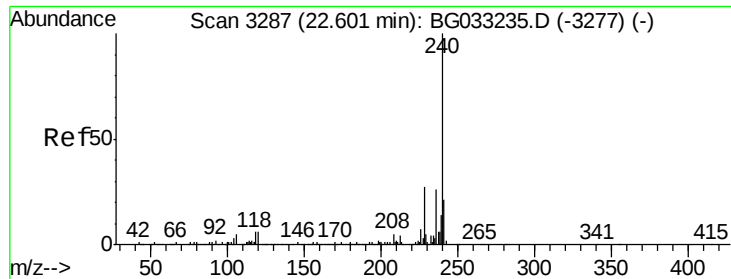


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3279

Delta R.T. -0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

Instrument :

BNA_G

ClientSampleId :

040218-JETT-F-U-M

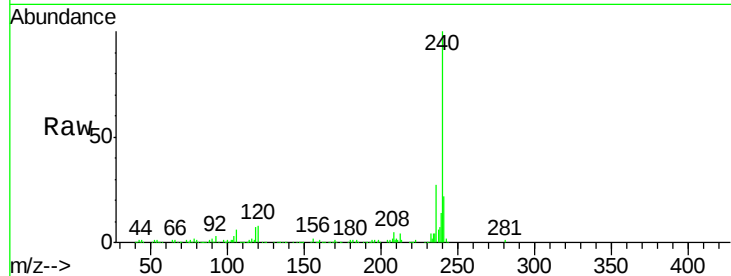
Tot Ion:240 Resp: 316423

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

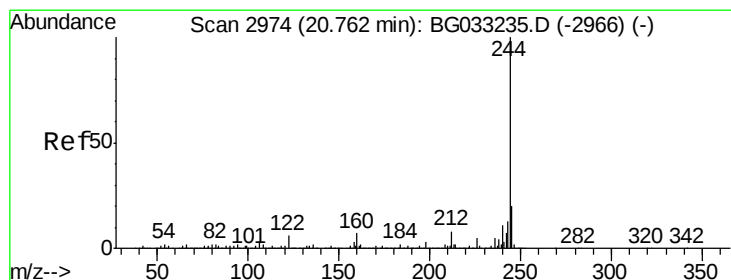
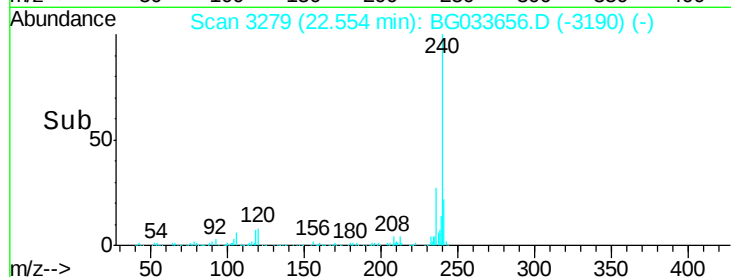
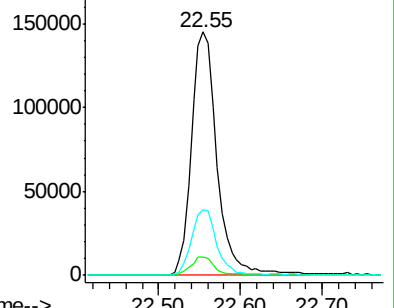
236 26.8 20.9 31.3



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: 90.977 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033656.D

Acq: 7 Apr 2018 8:40

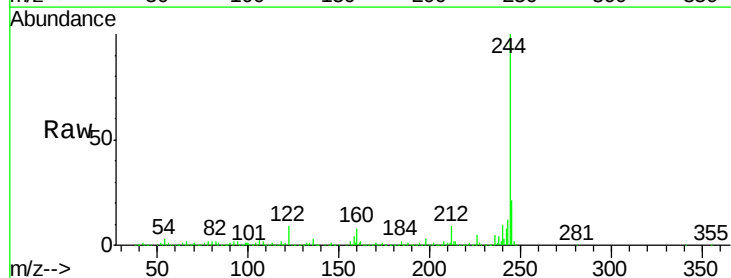
Tgt Ion:244 Resp: 1346081

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

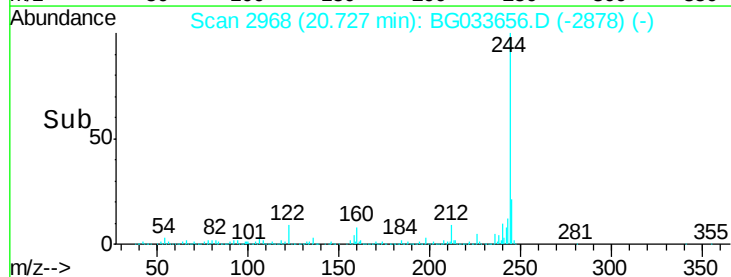
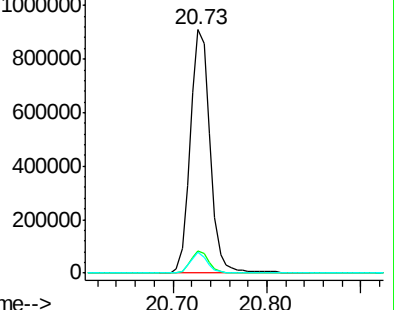
122 8.6 7.0 10.4

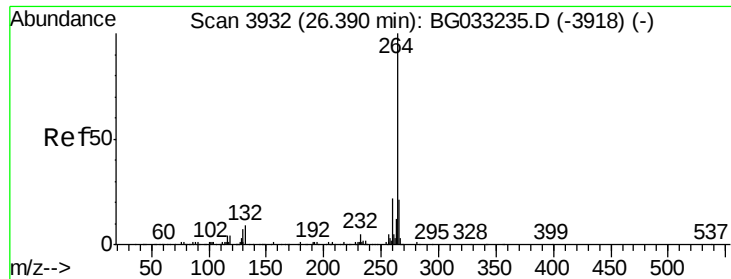


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3919
Delta R.T. -0.00 min
Lab File: BG033656.D
Acq: 7 Apr 2018 8:40

Instrument :
BNA_G
ClientSampleId :
040218-JETT-F-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.1	17.7	26.5

