

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031813.D
 Acq On : 28 Dec 2017 2:11
 Operator : SJ/JU
 Sample : I7058-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-U-B

Quant Time: Dec 28 07:57:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	44033	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	182197	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	131355	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	358803	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	428695	20.00	ng	-0.06
86) Perylene-d12	26.27	264	452696	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	88607	36.65	ng	-0.02
7) Phenol-d6	7.90	99	75632	24.10	ng	-0.03
23) Nitrobenzene-d5	10.00	82	221393	91.76	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	191119	95.35	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	857151	81.90	ng	-0.04
78) Terphenyl-d14	20.70	244	1561182	83.20	ng	-0.04

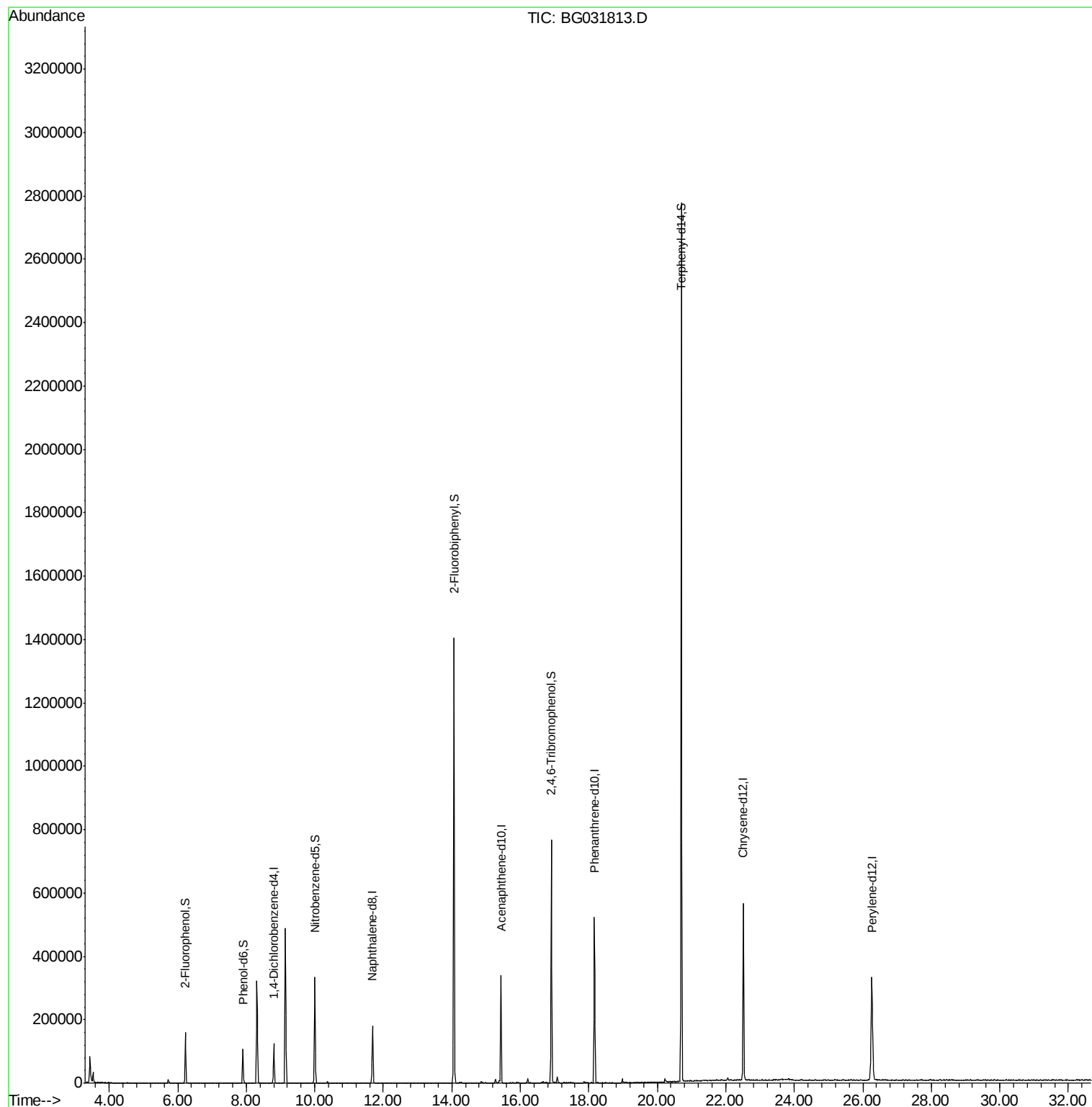
Target Compounds Qvalue

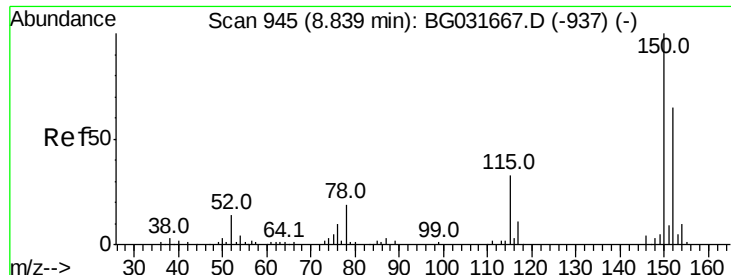
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
Data File : BG031813.D
Acq On : 28 Dec 2017 2:11
Operator : SJ/JU
Sample : I7058-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-U-B

Quant Time: Dec 28 07:57:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



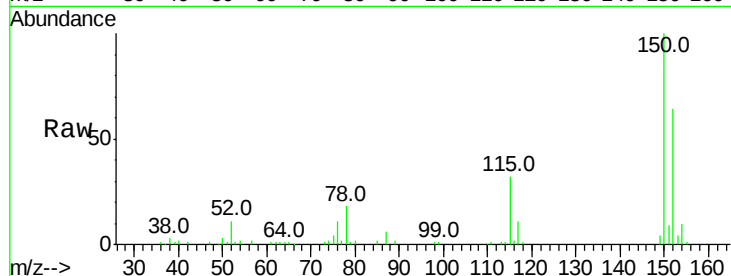


#1

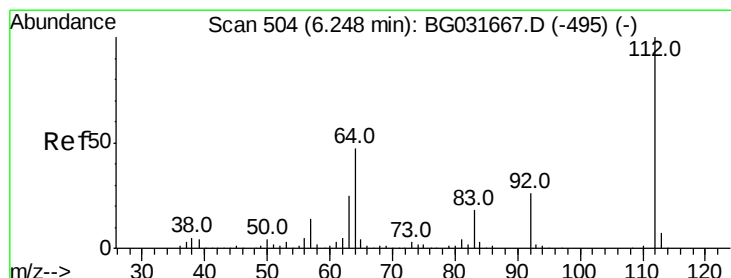
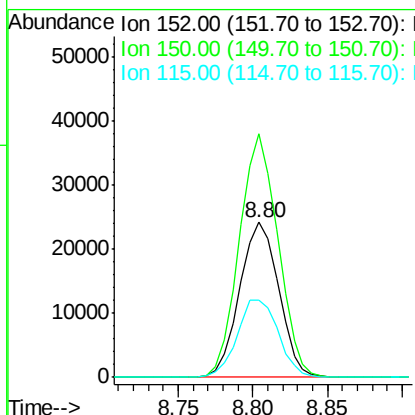
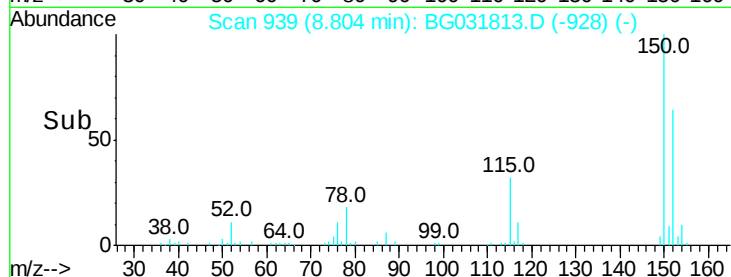
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.80 min Scan# 939
 Delta R.T. -0.04 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-U-B

Tot Ion:152 Resp: 44033
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.6 189.8
 115 49.7 53.0 79.4#



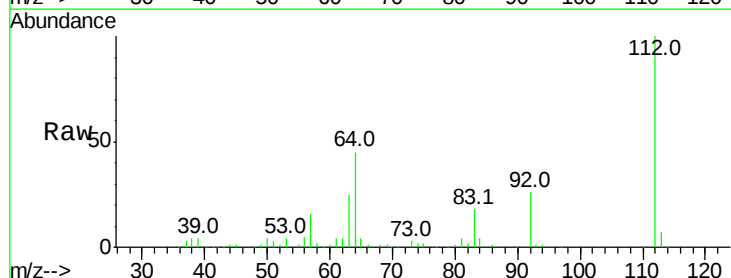
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



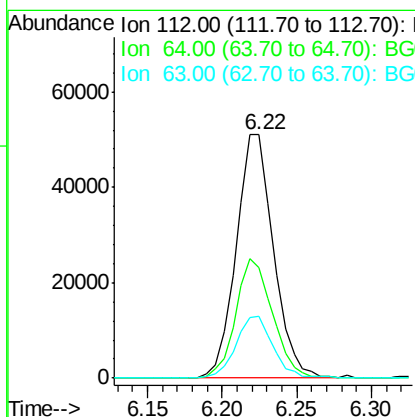
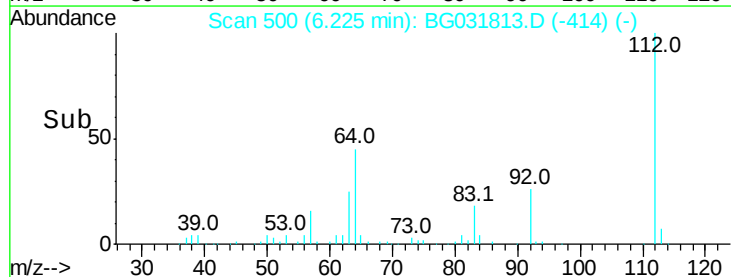
#5

2-Fluorophenol
 Concen: 36.651 ng
 RT: 6.22 min Scan# 500
 Delta R.T. -0.02 min
 Lab File: BG031813.D
 Acq: 28 Dec 2017 2:11

Tgt Ion:112 Resp: 88607
 Ion Ratio Lower Upper
 112 100
 64 45.4 56.3 84.5#
 63 25.2 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: 24.096 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-U-B

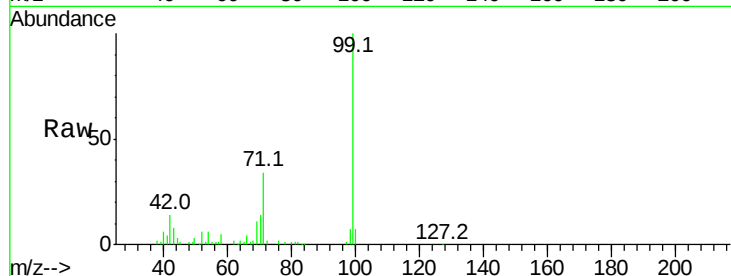
Tot Ion: 99 Resp: 75632

Ion Ratio Lower Upper

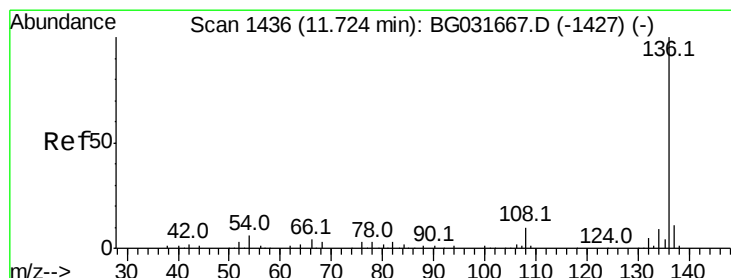
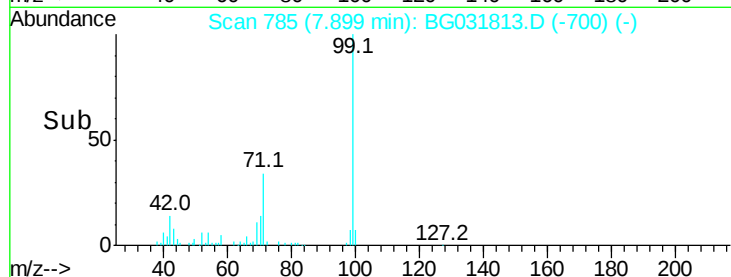
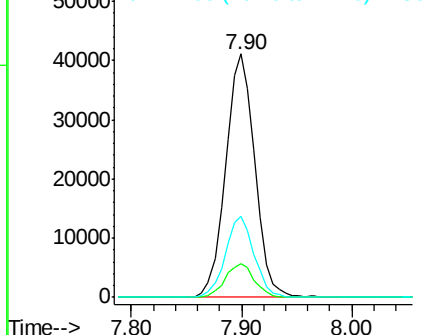
99 100

42 13.8 14.1 21.1#

71 33.5 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: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Tgt Ion: 136 Resp: 182197

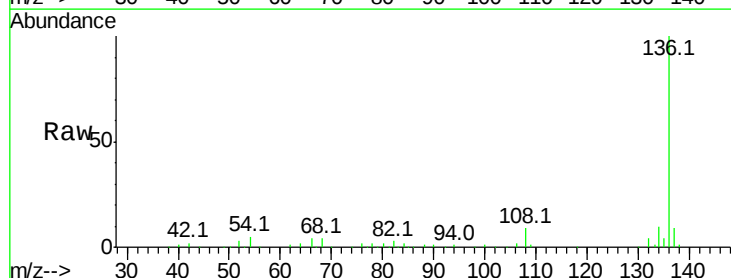
Ion Ratio Lower Upper

136 100

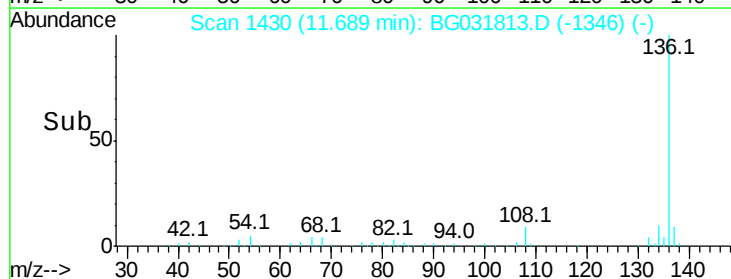
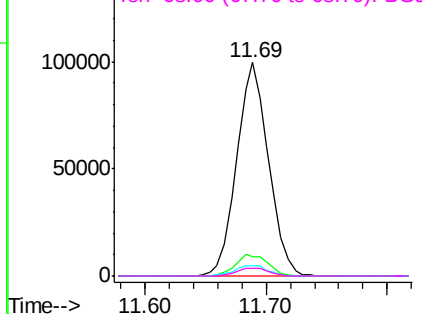
137 9.3 9.2 13.8

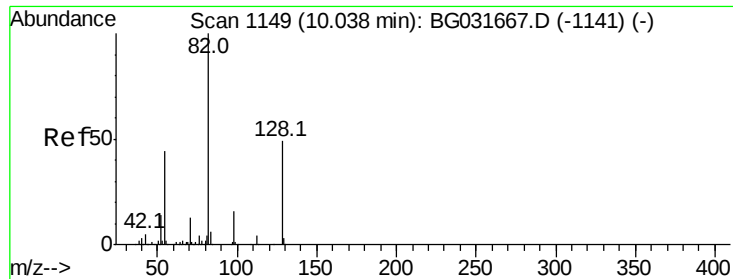
54 4.6 10.3 15.5#

68 3.5 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: 91.757 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-U-B

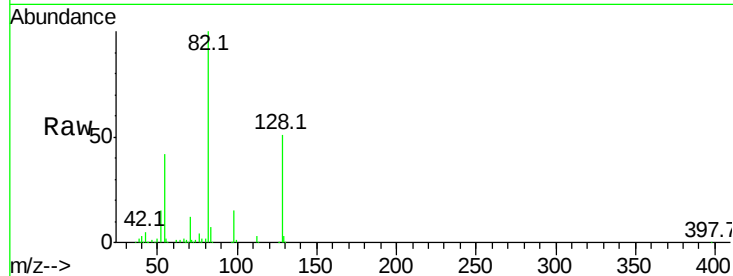
Tot Ion: 82 Resp: 221393

Ion Ratio Lower Upper

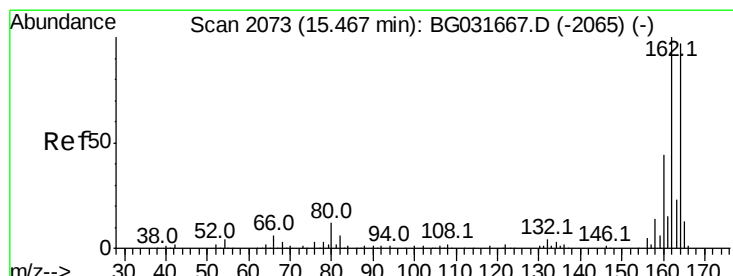
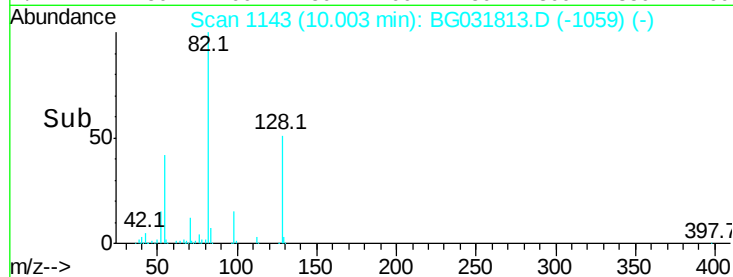
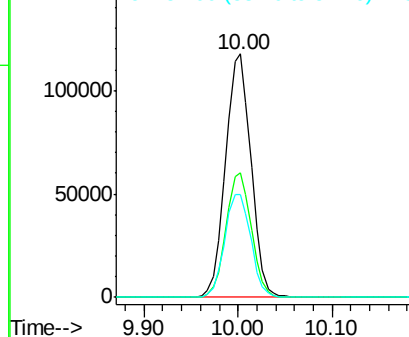
82 100

128 50.9 29.7 44.5#

54 42.3 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: 15.44 min Scan# 2068

Delta R.T. -0.03 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

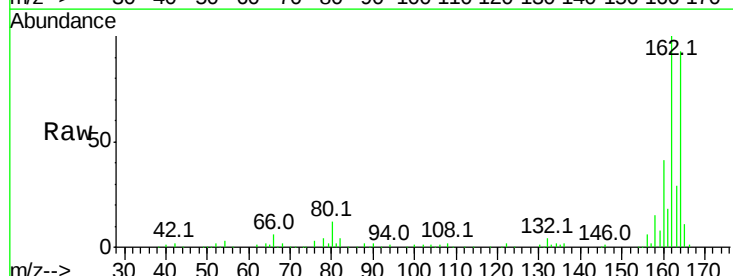
Tgt Ion: 164 Resp: 131355

Ion Ratio Lower Upper

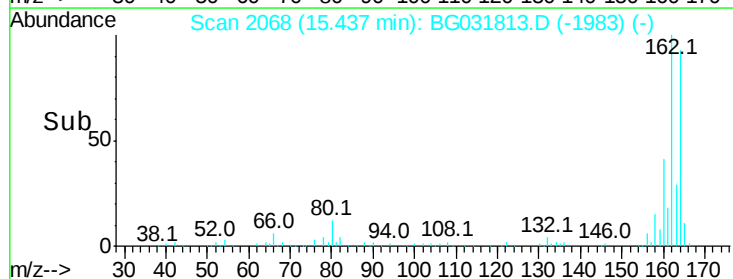
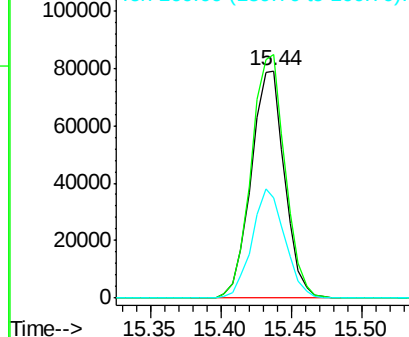
164 100

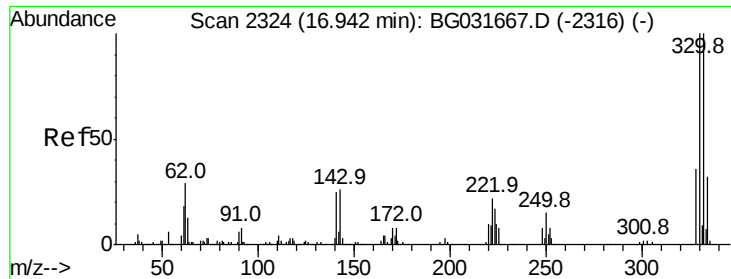
162 107.2 78.8 118.2

160 44.2 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: 95.355 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-U-B

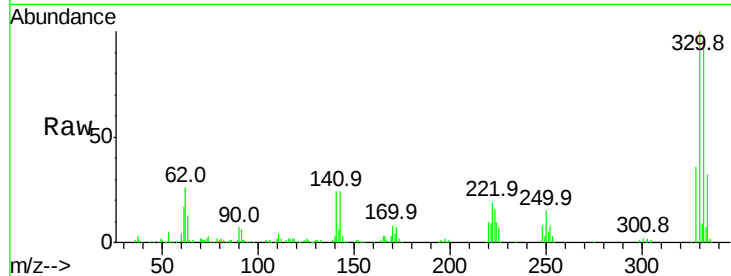
Tot Ion:330 Resp: 191119

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

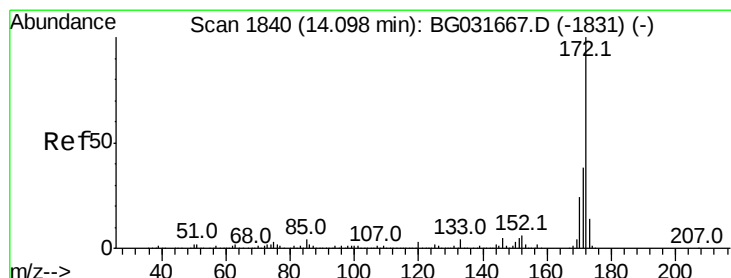
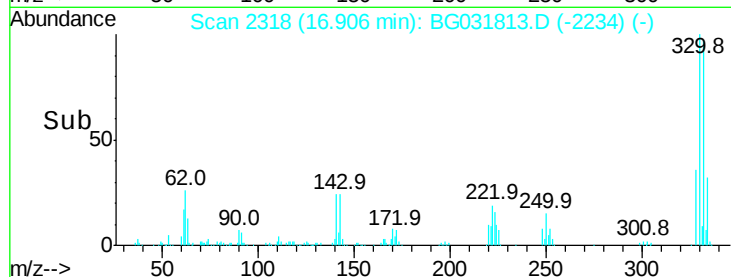
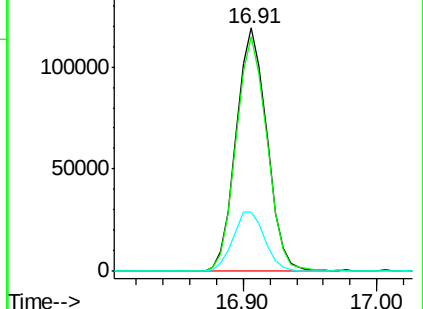
141 25.3 25.2 37.8



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: 81.903 ng

RT: 14.06 min Scan# 1834

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

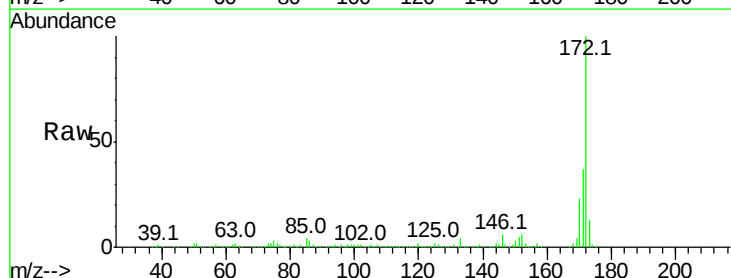
Tgt Ion:172 Resp: 857151

Ion Ratio Lower Upper

172 100

171 36.5 30.0 45.0

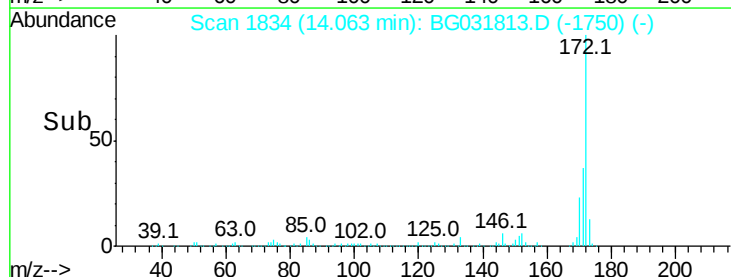
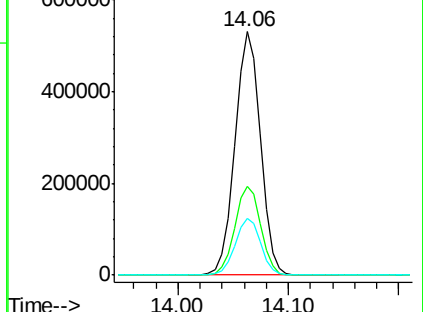
170 23.3 19.5 29.3

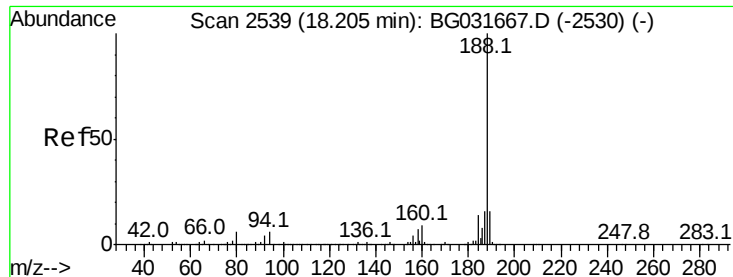


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

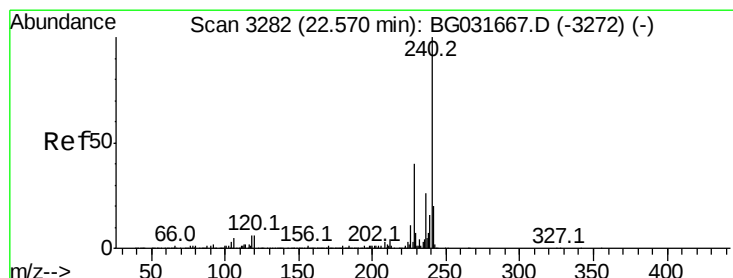
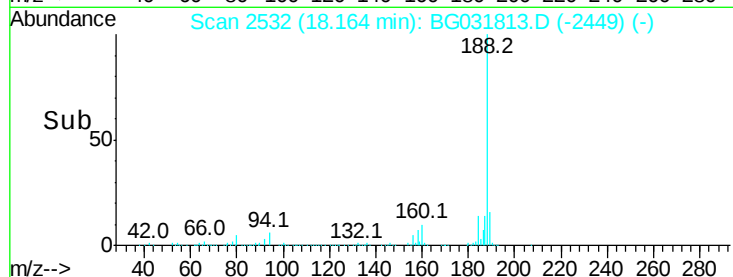
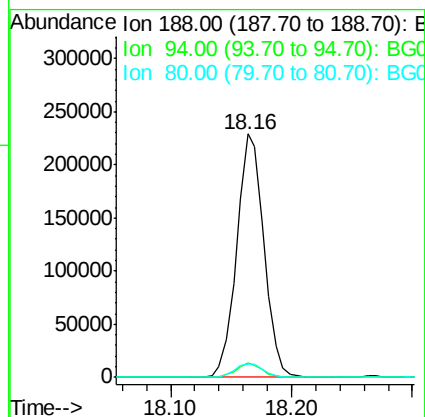
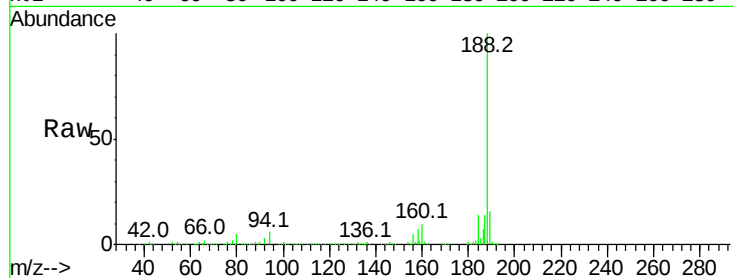




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

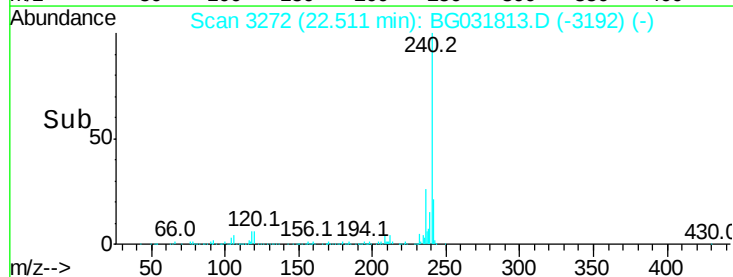
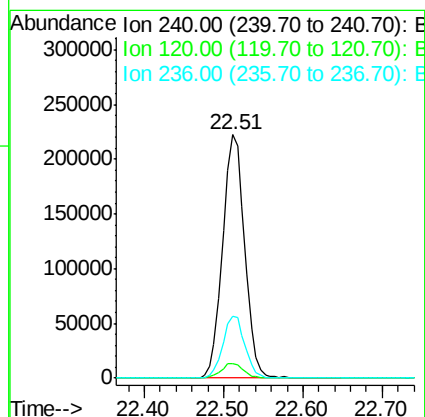
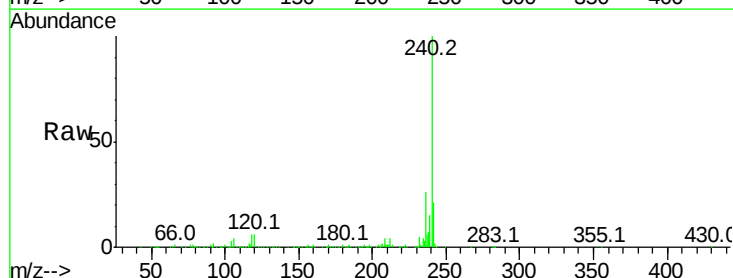
Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-U-B

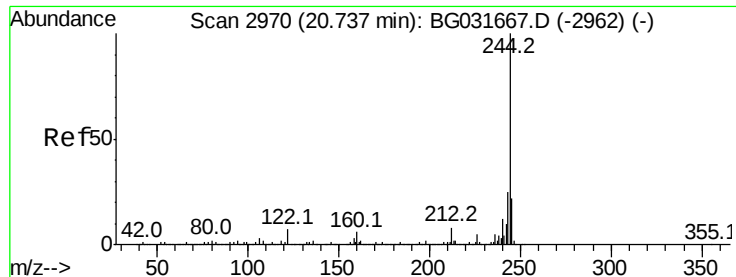
Tot Ion:188 Resp: 358803
Ion Ratio Lower Upper
188 100
94 6.0 6.9 10.3#
80 5.4 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031813.D
Acq: 28 Dec 2017 2:11

Tgt Ion:240 Resp: 428695
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.6 20.9 31.3





#78

Terphenyl-d14

Concen: 83.200 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.04 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-U-B

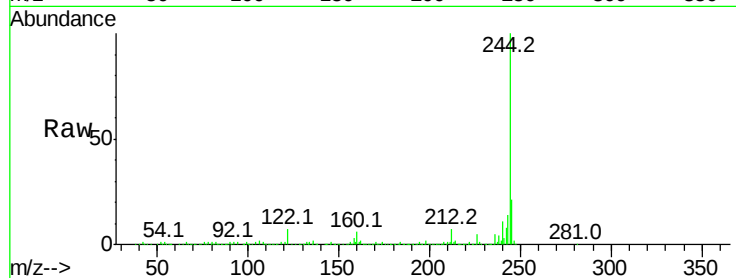
Tot Ion:244 Resp: 1561182

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

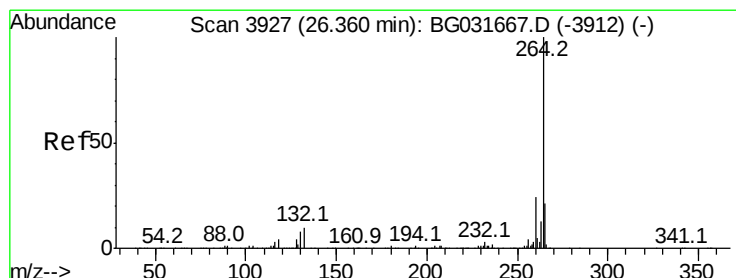
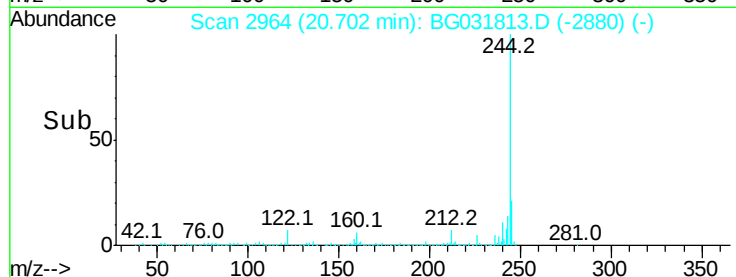
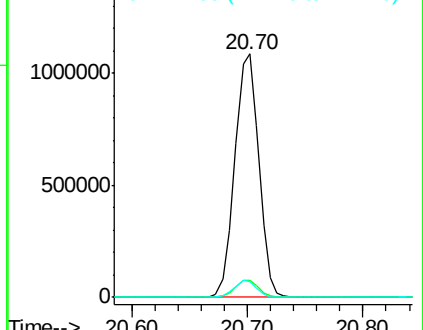
122 6.5 7.0 10.4#



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: 26.27 min Scan# 3911

Delta R.T. -0.09 min

Lab File: BG031813.D

Acq: 28 Dec 2017 2:11

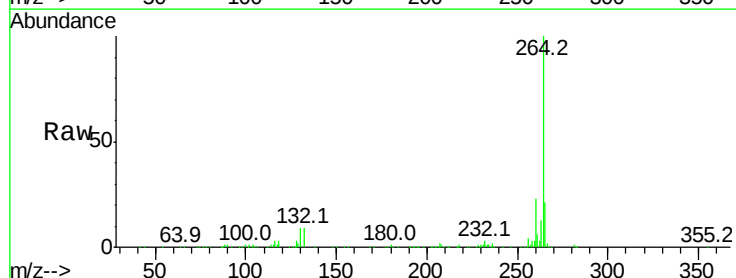
Tgt Ion:264 Resp: 452696

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 20.9 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

