

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031788.D
 Acq On : 27 Dec 2017 8:23
 Operator : SJ/JU
 Sample : I7009-06
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-U-S

Quant Time: Dec 27 10:07:19 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

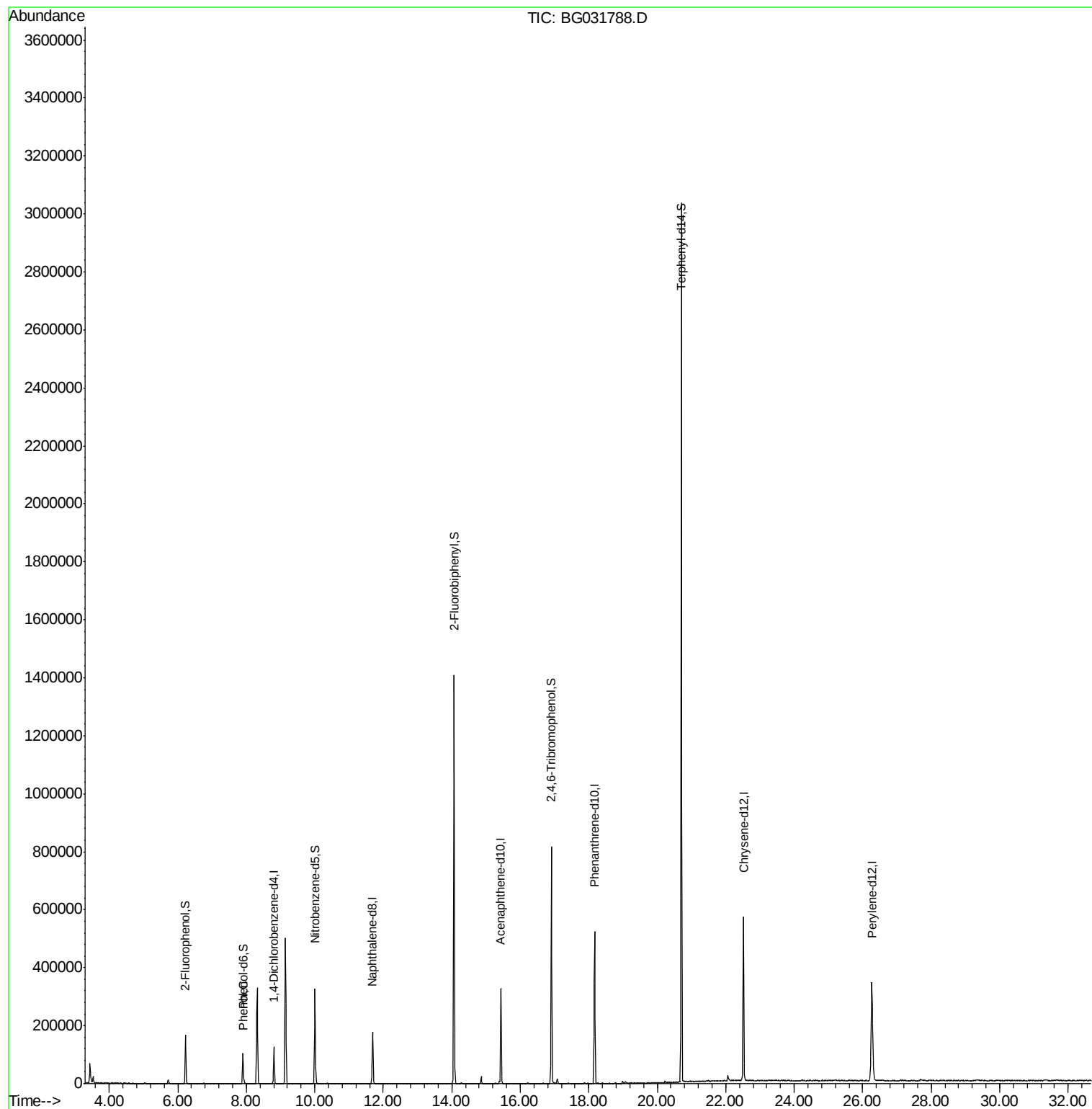
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	43992	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	182804	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	132023	20.00	ng	-0.04
63) Phenanthrene-d10	18.17	188	367992	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	444299	20.00	ng	-0.05
86) Perylene-d12	26.27	264	471435	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	92275	38.20	ng	-0.02
7) Phenol-d6	7.90	99	74125	23.64	ng	-0.03
23) Nitrobenzene-d5	10.00	82	216930	89.61	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	201263	99.91	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	862033	81.95	ng	-0.04
78) Terphenyl-d14	20.70	244	1642948	84.48	ng	-0.04
Target Compounds						
10) Phenol	7.93	94	6780	2.142	ng	Qvalue 95

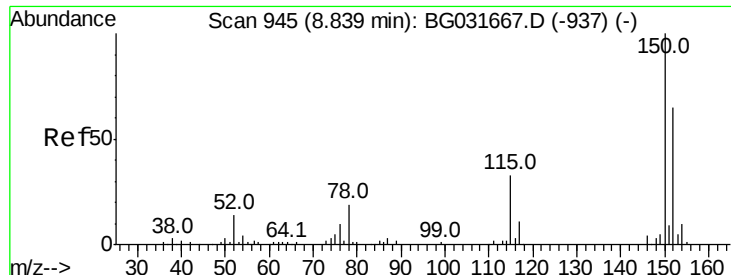
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 940

Delta R.T. -0.03 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-S

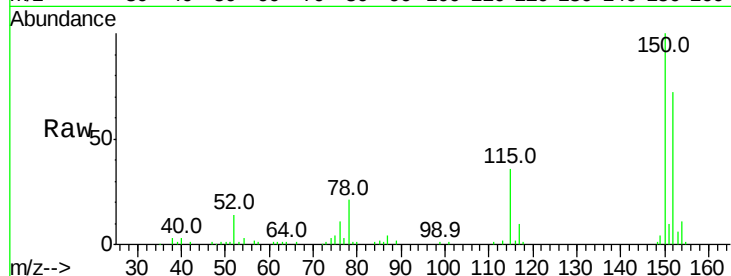
Tot Ion:152 Resp: 43992

Ion Ratio Lower Upper

152 100

150 139.1 126.6 189.8

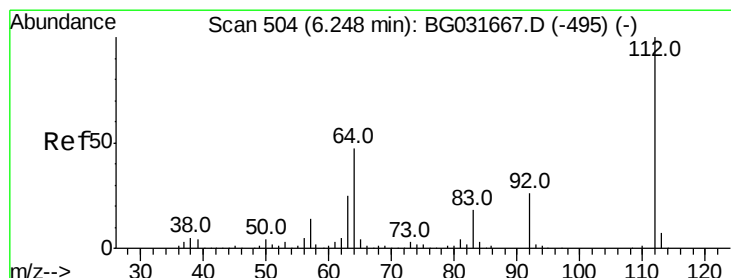
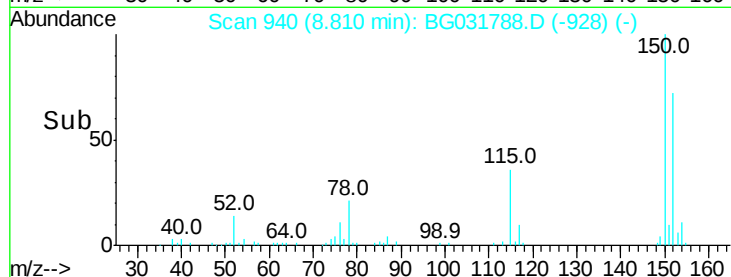
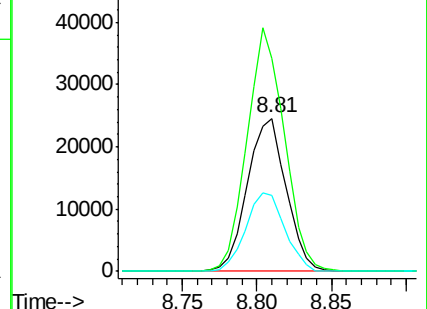
115 49.8 53.0 79.4#



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: 38.204 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

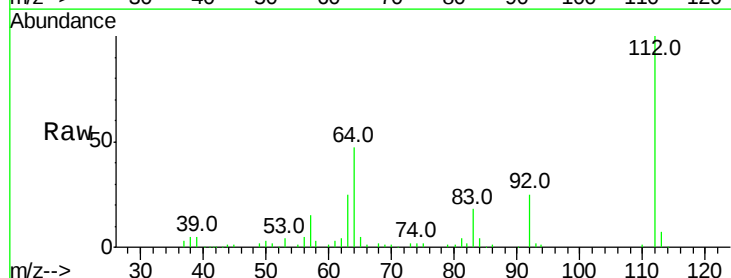
Tgt Ion:112 Resp: 92275

Ion Ratio Lower Upper

112 100

64 47.2 56.3 84.5#

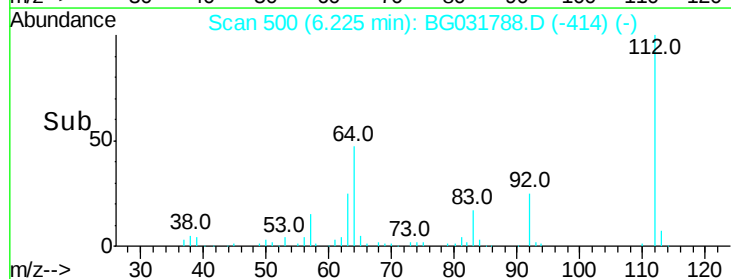
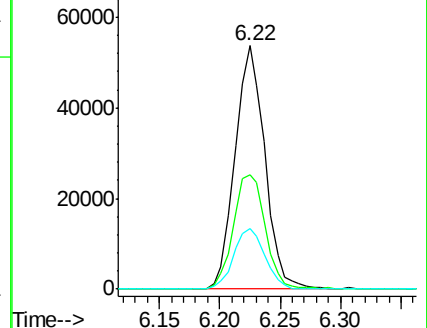
63 24.7 30.1 45.1#

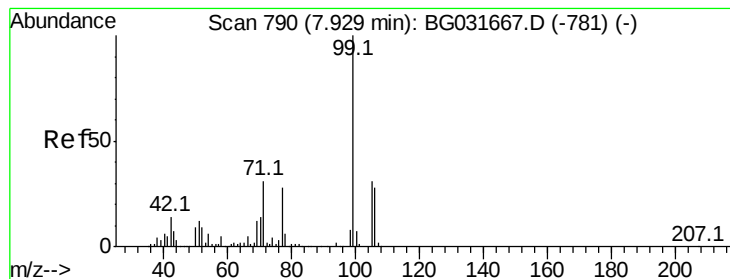


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 23.638 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-S

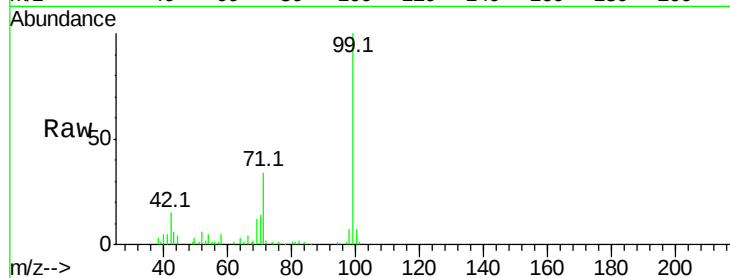
Tot Ion: 99 Resp: 74125

Ion Ratio Lower Upper

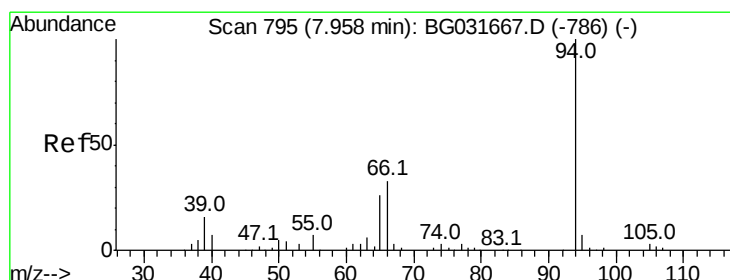
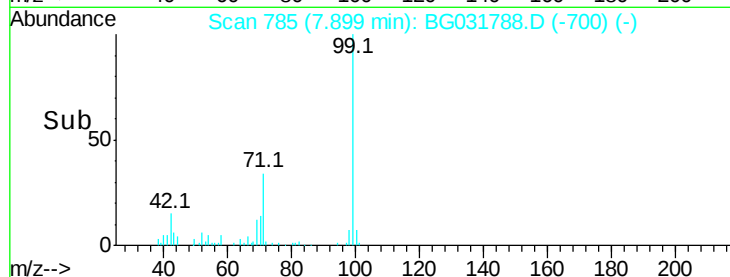
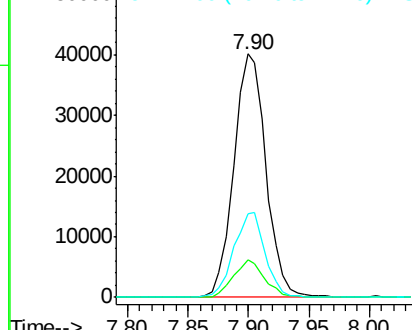
99 100

42 15.2 14.1 21.1

71 34.5 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



#10

Phenol

Concen: 2.142 ng

RT: 7.93 min Scan# 790

Delta R.T. -0.03 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

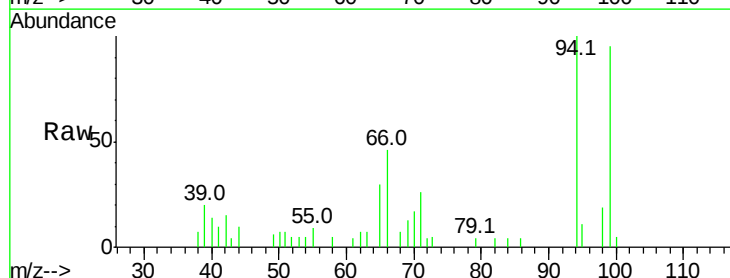
Tgt Ion: 94 Resp: 6780

Ion Ratio Lower Upper

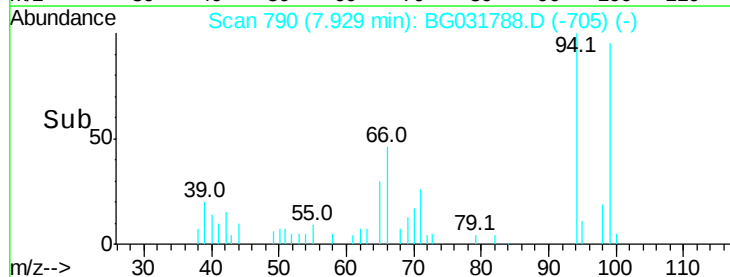
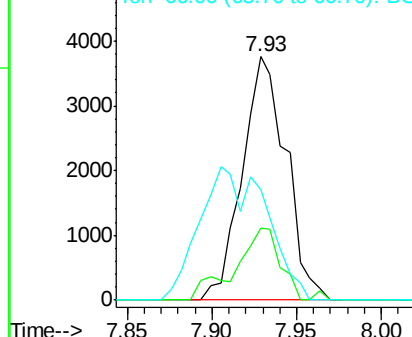
94 100

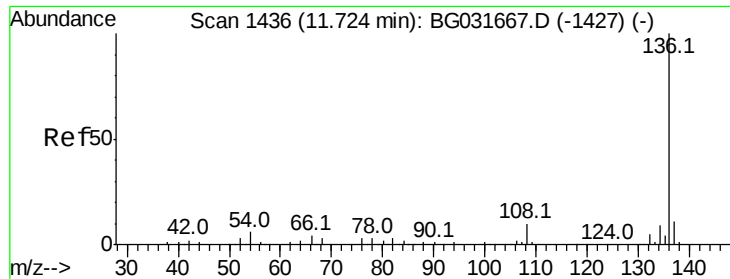
65 29.8 11.9 51.9

66 45.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-S

Tot Ion:136 Resp: 182804

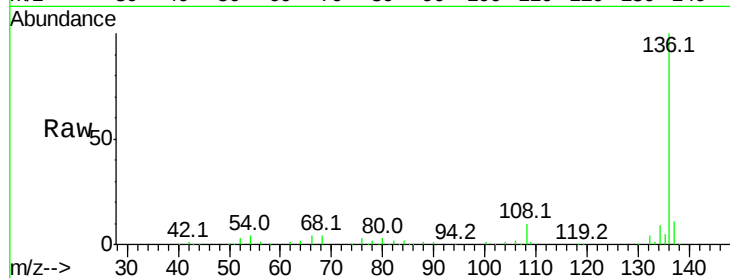
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 4.4 10.3 15.5#

68 3.6 4.5 6.7#

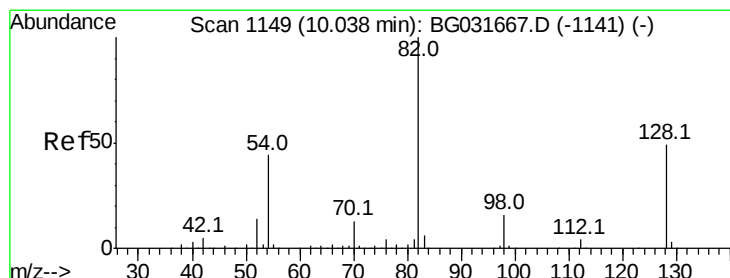
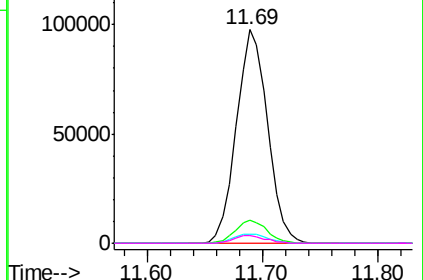
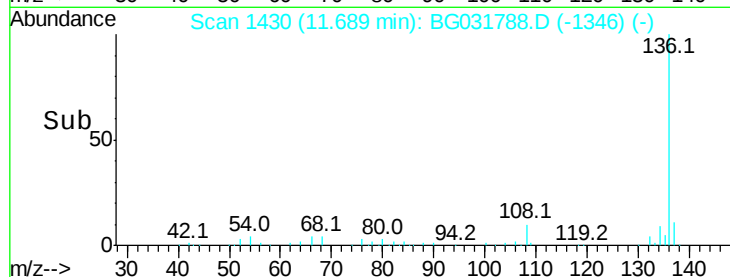


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 89.609 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.04 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

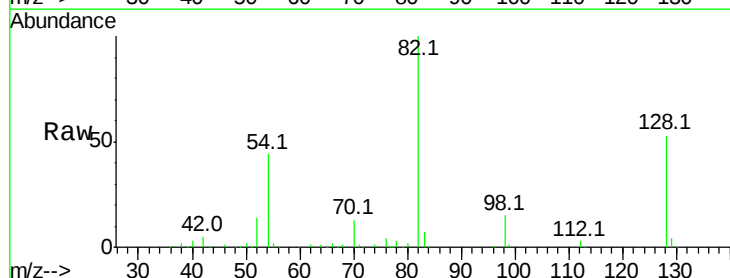
Tgt Ion: 82 Resp: 216930

Ion Ratio Lower Upper

82 100

128 52.9 29.7 44.5#

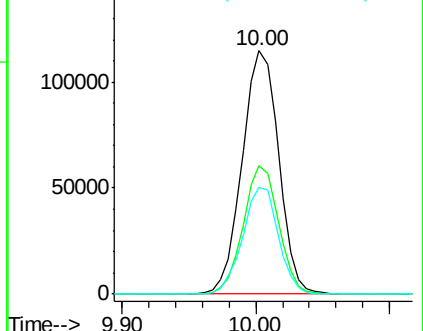
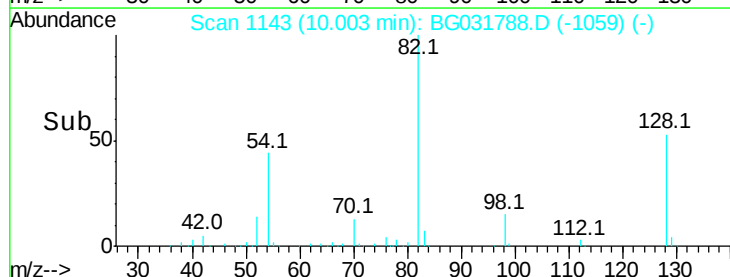
54 43.6 43.1 64.7

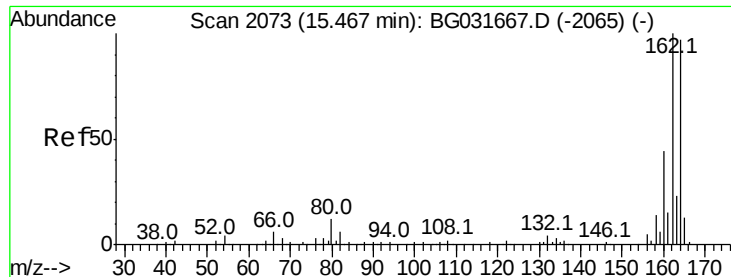


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.04 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-S

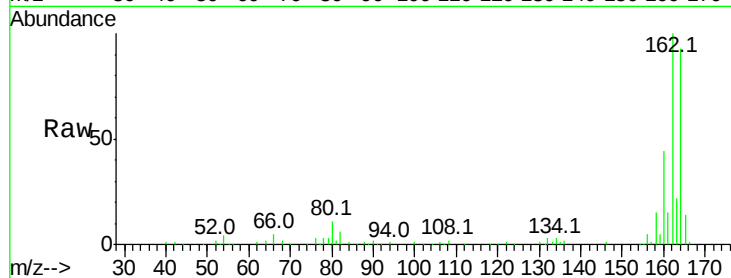
Tot Ion:164 Resp: 132023

Ion Ratio Lower Upper

164 100

162 107.0 78.8 118.2

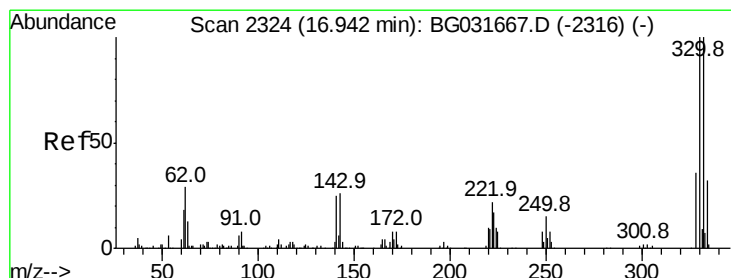
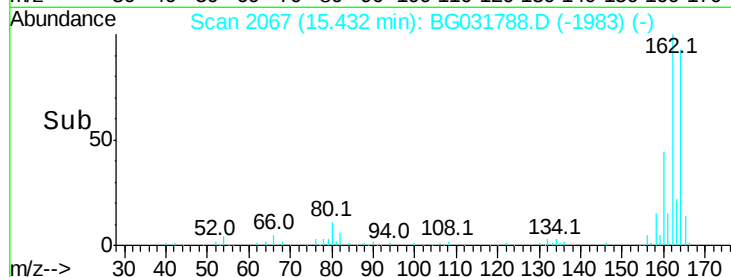
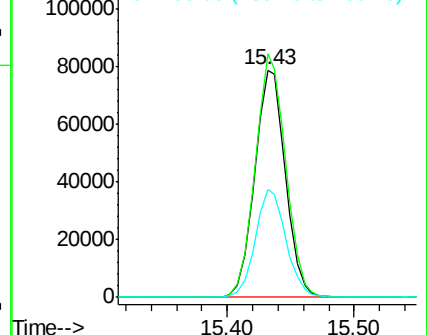
160 47.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 99.908 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.04 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

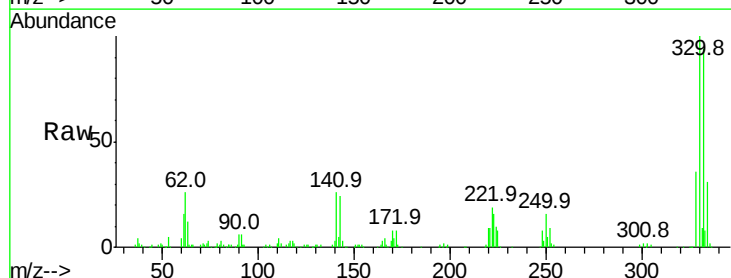
Tgt Ion:330 Resp: 201263

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

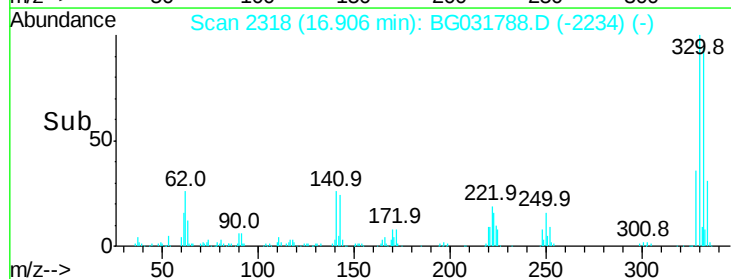
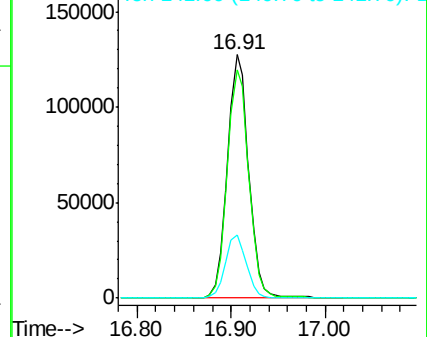
141 25.6 25.2 37.8



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

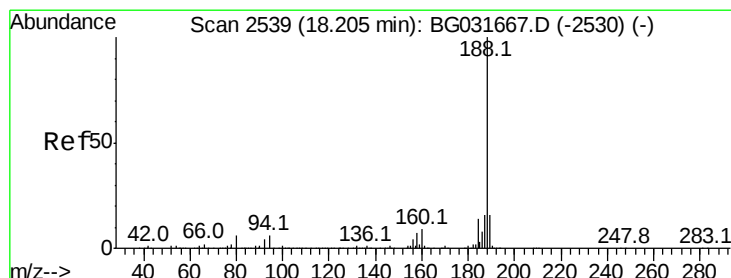
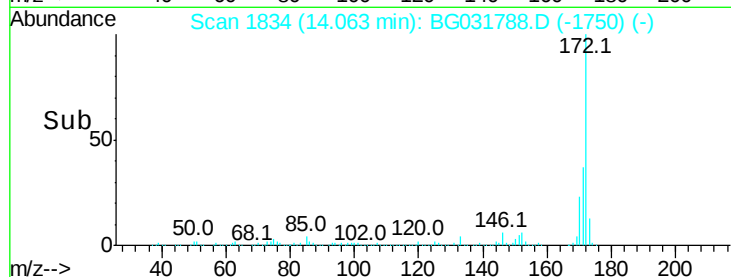
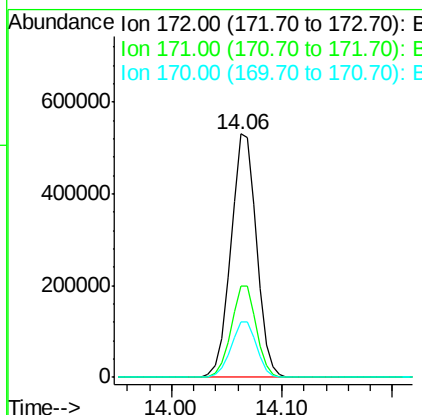
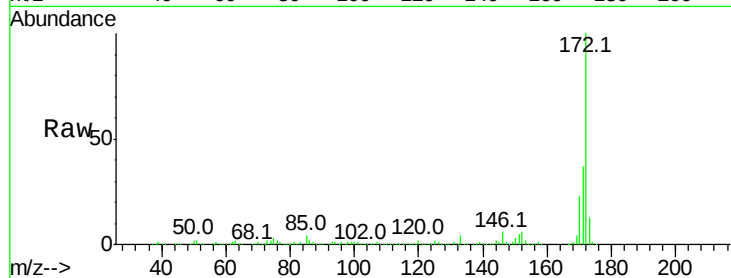




#44
 2-Fluorobiphenyl
 Concen: 81.953 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031788.D
 Acq: 27 Dec 2017 8:23

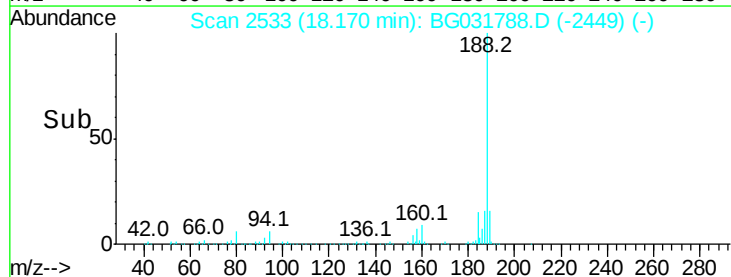
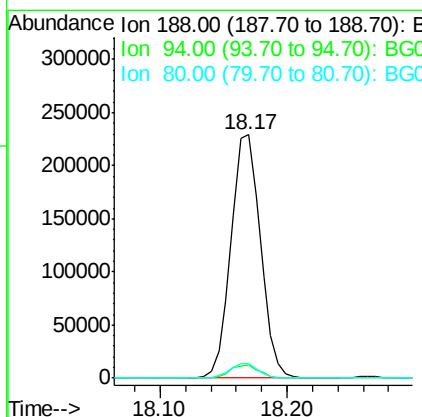
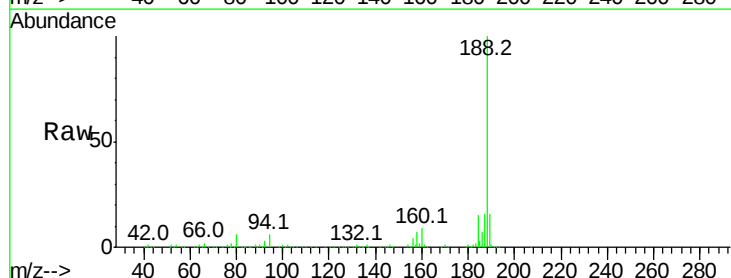
Instrument :
 BNA_G
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 121917-JETT-F-U-S

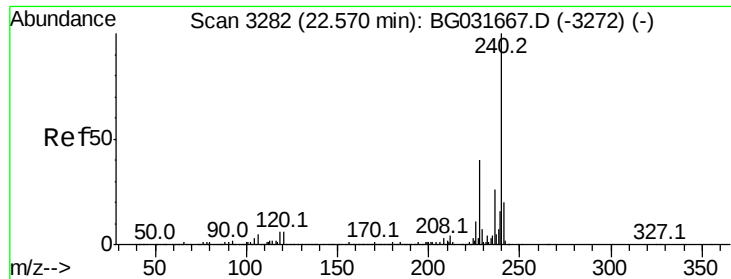
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	22.6	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.04 min
 Lab File: BG031788.D
 Acq: 27 Dec 2017 8:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	6.9	10.3#
80	6.1	7.7	11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.52 min Scan# 3273

Delta R.T. -0.05 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-U-S

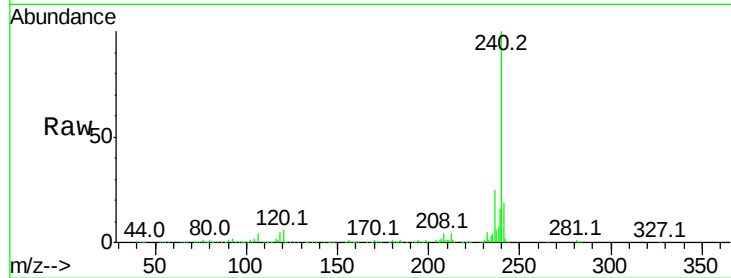
Tot Ion:240 Resp: 444299

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

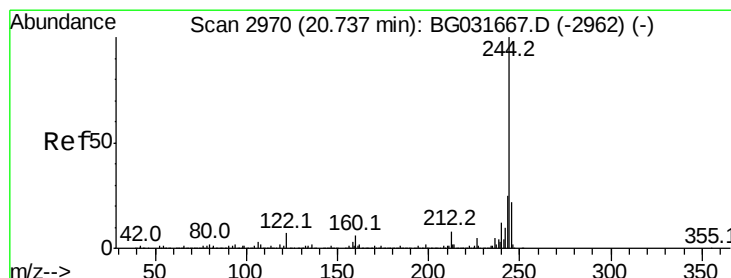
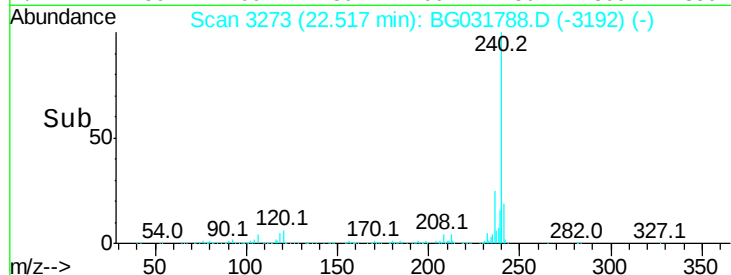
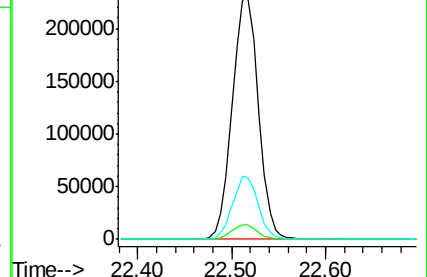
236 25.4 20.9 31.3



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: 84.483 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.04 min

Lab File: BG031788.D

Acq: 27 Dec 2017 8:23

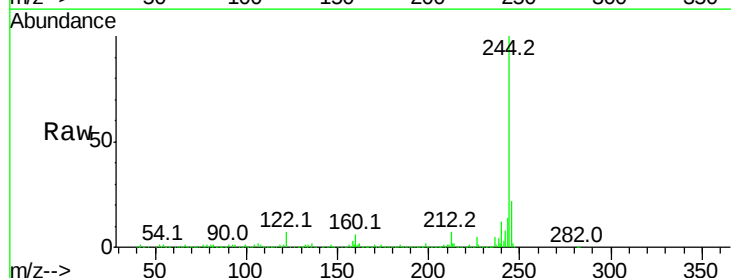
Tgt Ion:244 Resp: 1642948

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

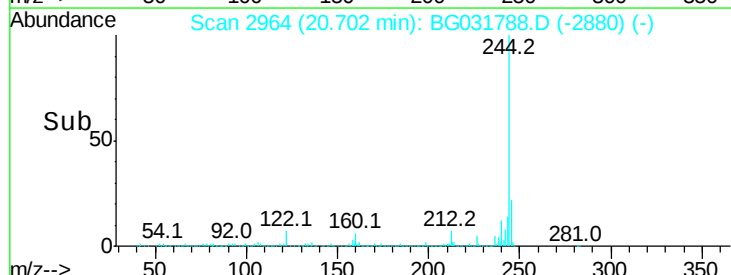
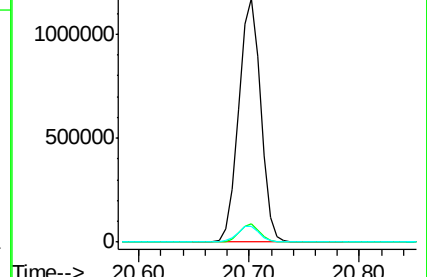
122 6.6 7.0 10.4#

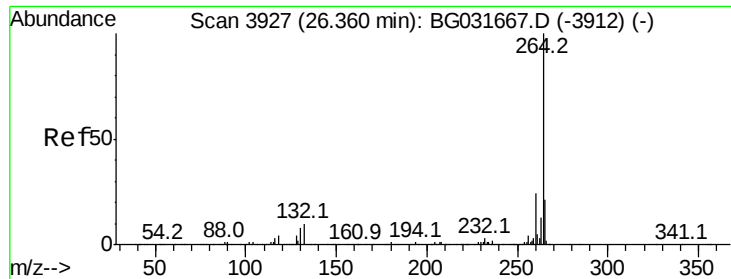


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

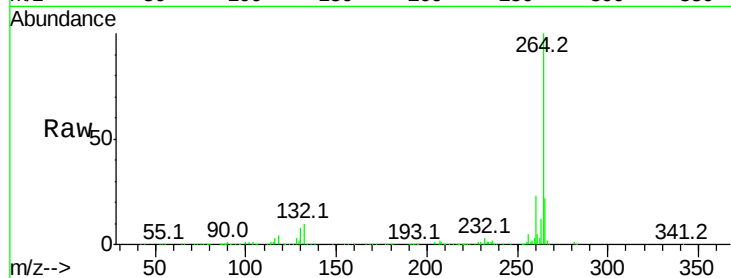




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031788.D
 Acq: 27 Dec 2017 8:23

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-U-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	21.6	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

