

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031812.D
 Acq On : 28 Dec 2017 1:34
 Operator : SJ/JU
 Sample : I7058-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-D-S

Quant Time: Dec 28 07:56:13 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

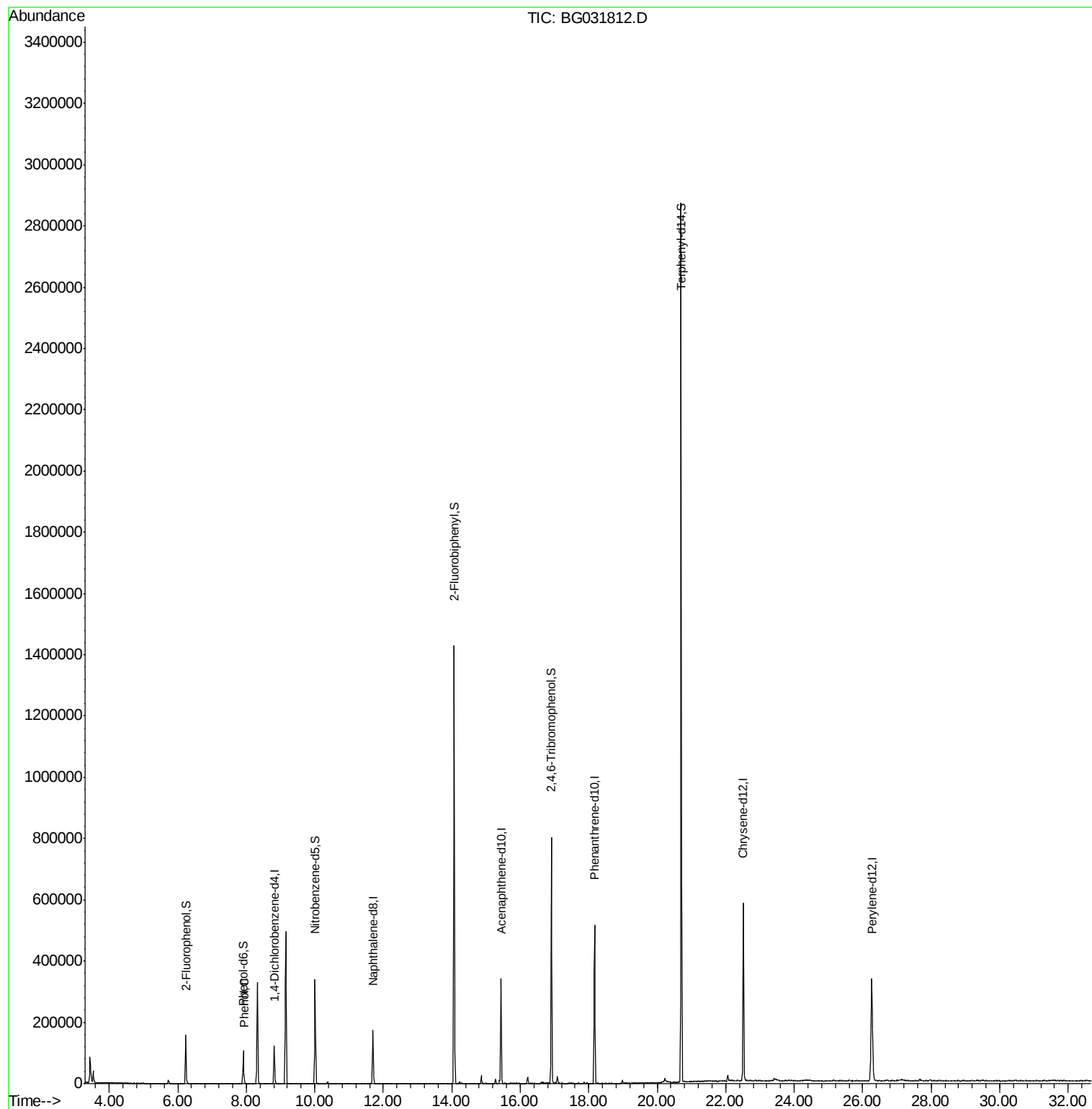
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	41884	20.00	ng	-0.03
21) Naphthalene-d8	11.70	136	180641	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	134503	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	363043	20.00	ng	-0.03
75) Chrysene-d12	22.51	240	440824	20.00	ng	-0.06
86) Perylene-d12	26.27	264	461832	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	91065	39.60	ng	-0.01
7) Phenol-d6	7.91	99	73154	24.50	ng	-0.02
23) Nitrobenzene-d5	10.01	82	223275	93.33	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	197155	96.06	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	871310	81.31	ng	-0.03
78) Terphenyl-d14	20.70	244	1602426	83.05	ng	-0.04
Target Compounds						
10) Phenol	7.94	94	6092	2.021	ng	Qvalue 93

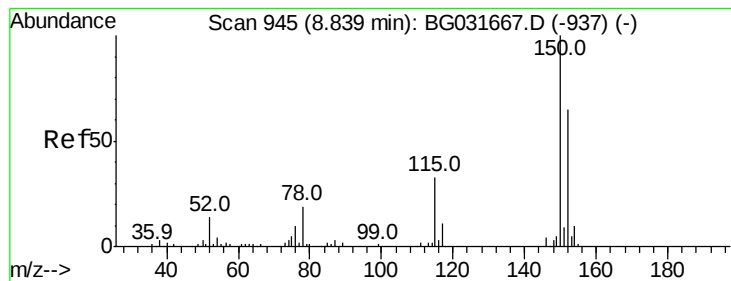
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG031812.D

Acq: 28 Dec 2017 1:34

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-S

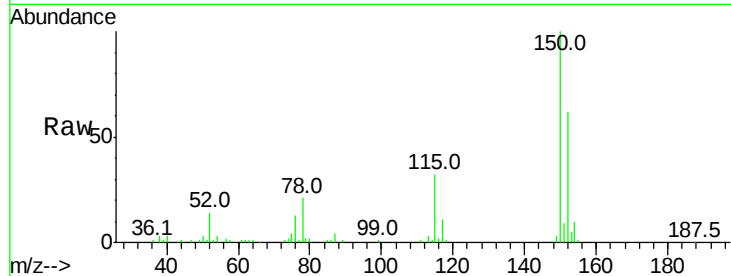
Tot Ion:152 Resp: 41884

Ion Ratio Lower Upper

152 100

150 162.5 126.6 189.8

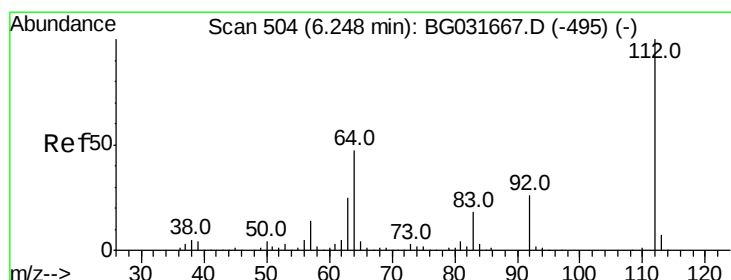
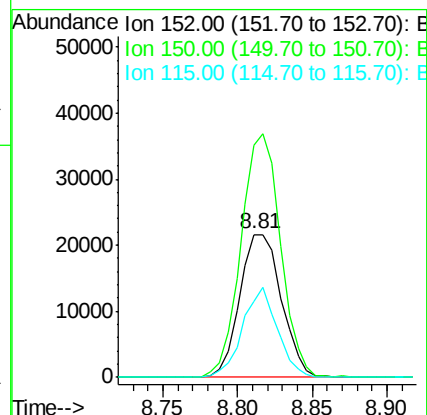
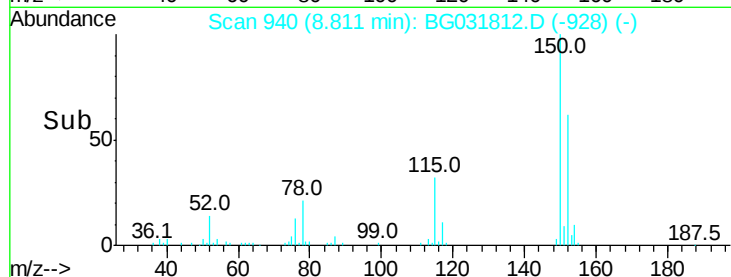
115 52.8 53.0 79.4#



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: 39.601 ng

RT: 6.24 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG031812.D

Acq: 28 Dec 2017 1:34

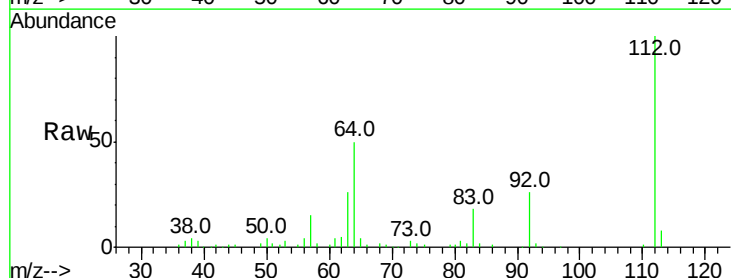
Tgt Ion:112 Resp: 91065

Ion Ratio Lower Upper

112 100

64 49.5 56.3 84.5#

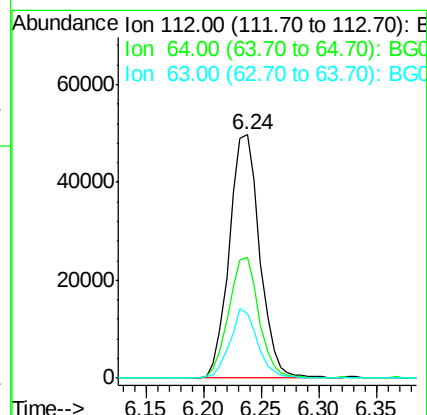
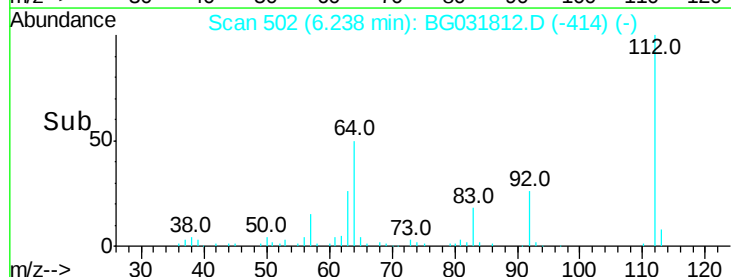
63 26.4 30.1 45.1#



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: 24.502 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

Lab File: BG031812.D

Acq: 28 Dec 2017 1:34

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-S

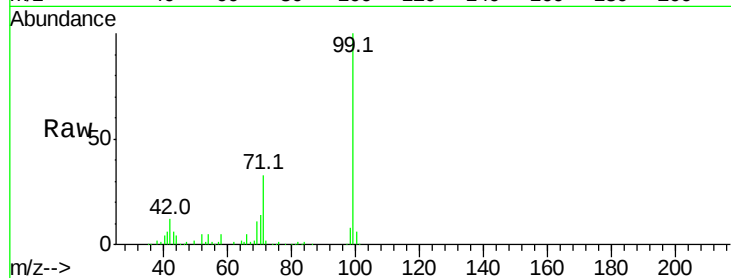
Tot Ion: 99 Resp: 73154

Ion Ratio Lower Upper

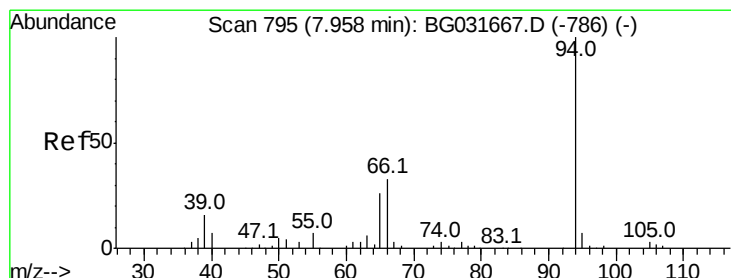
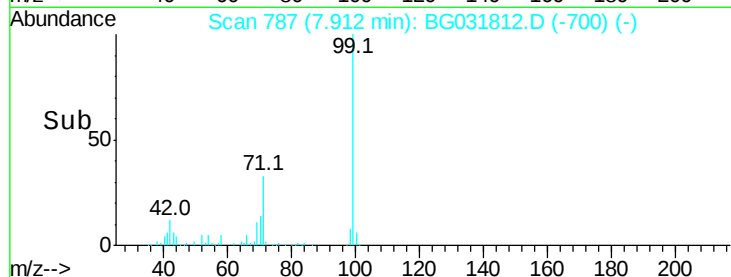
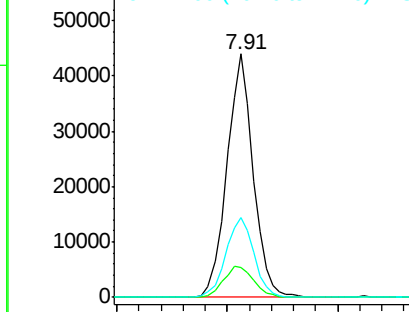
99 100

42 12.3 14.1 21.1#

71 32.7 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: 2.021 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031812.D

Acq: 28 Dec 2017 1:34

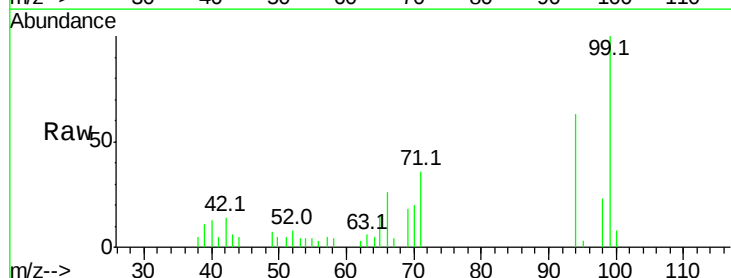
Tgt Ion: 94 Resp: 6092

Ion Ratio Lower Upper

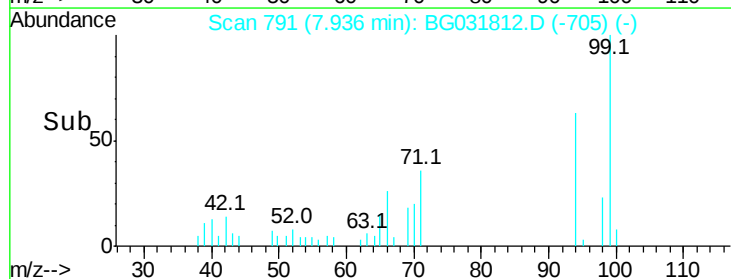
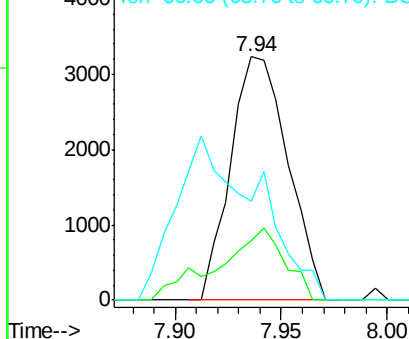
94 100

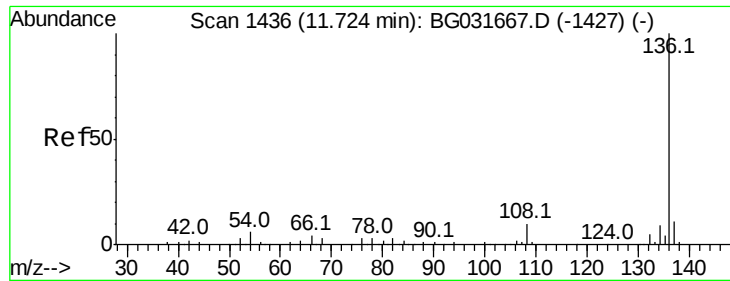
65 24.3 11.9 51.9

66 40.7 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

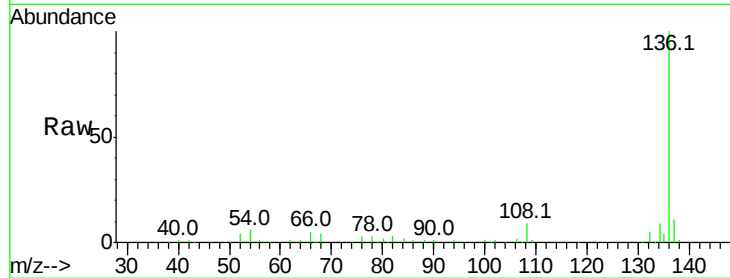




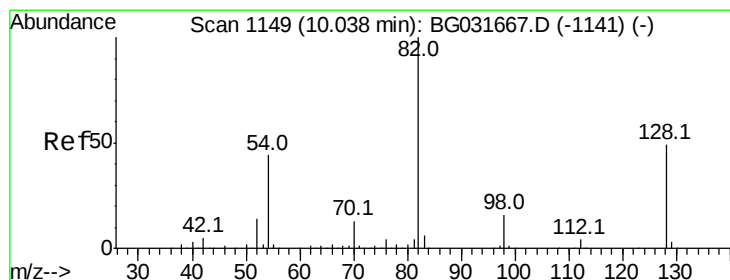
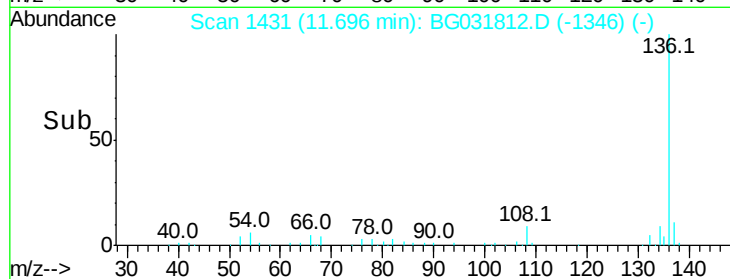
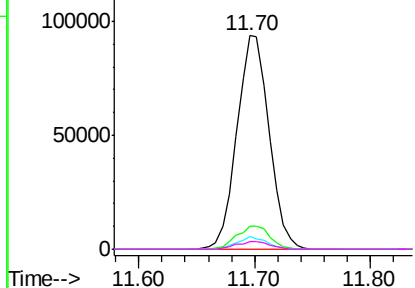
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.70 min Scan# 1431
Delta R.T. -0.03 min
Lab File: BG031812.D
Acq: 28 Dec 2017 1:34

Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-D-S

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	6.0	10.3	15.5#
68	3.5	4.5	6.7#

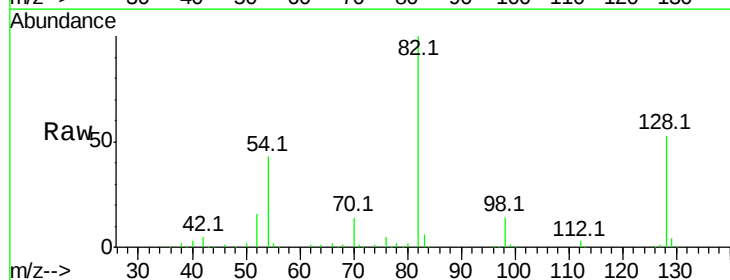


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

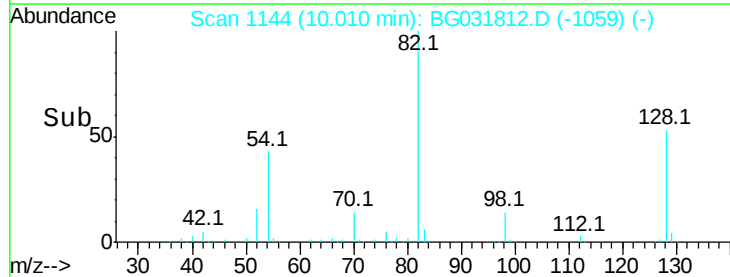
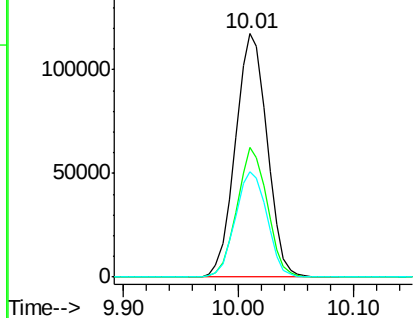


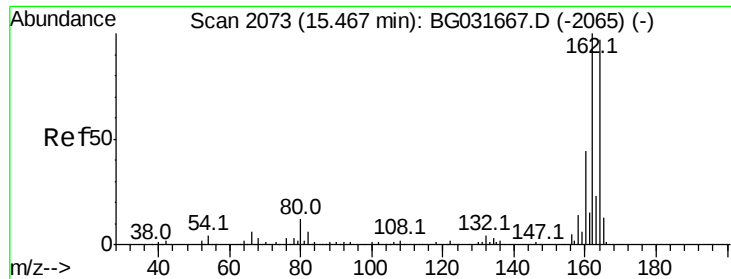
#23
Nitrobenzene-d5
Concen: 93.334 ng
RT: 10.01 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BG031812.D
Acq: 28 Dec 2017 1:34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.1	29.7	44.5#
54	43.2	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

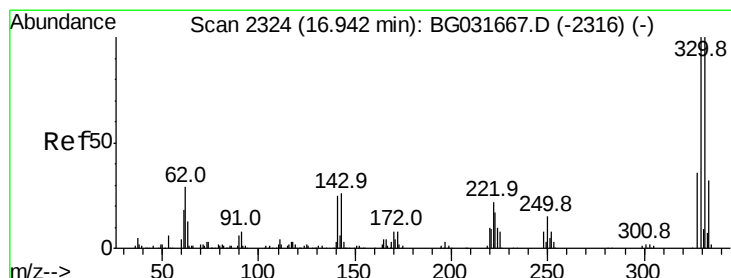
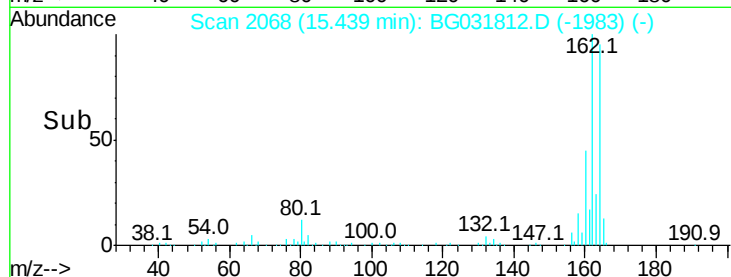
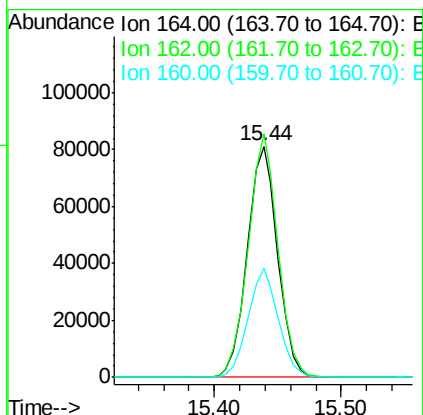
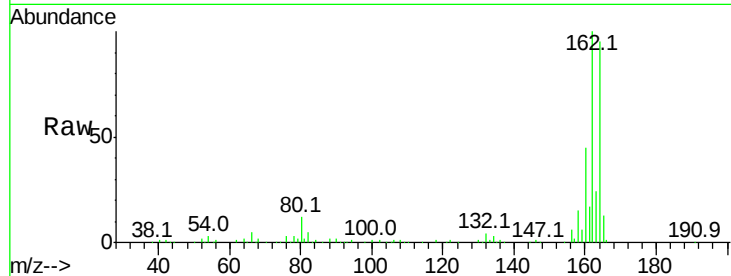




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG031812.D
Acq: 28 Dec 2017 1:34

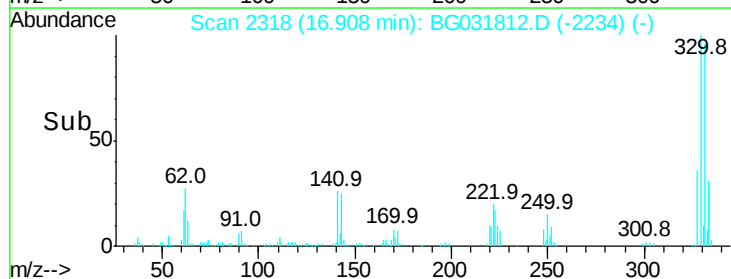
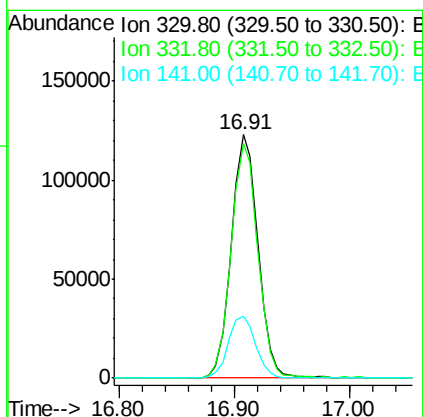
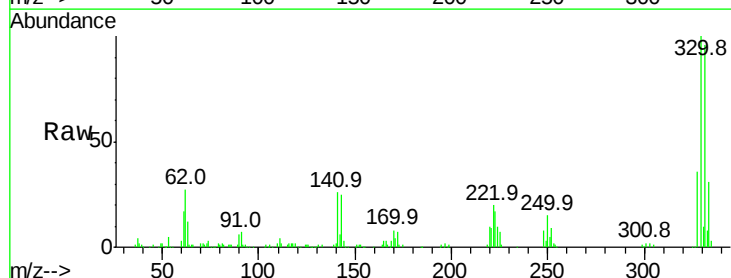
Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-D-S

Tot Ion:164 Resp: 134503
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 47.1 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 96.064 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.03 min
Lab File: BG031812.D
Acq: 28 Dec 2017 1:34

Tgt Ion:330 Resp: 197155
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.6
141 26.2 25.2 37.8

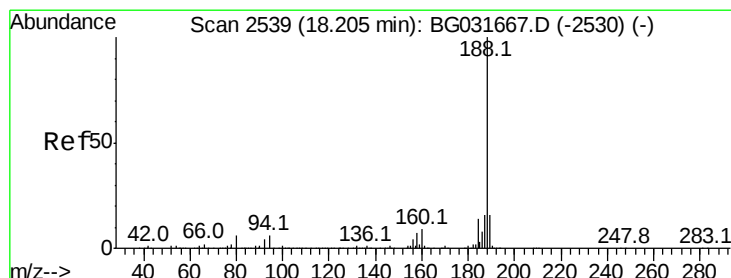
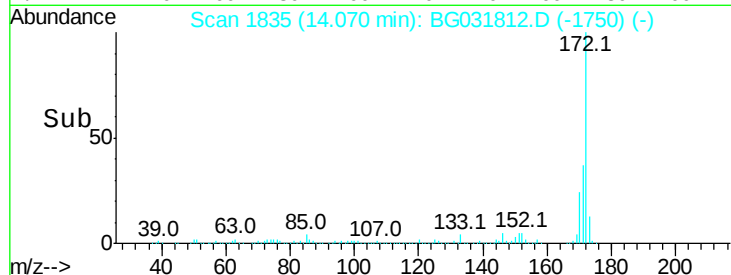
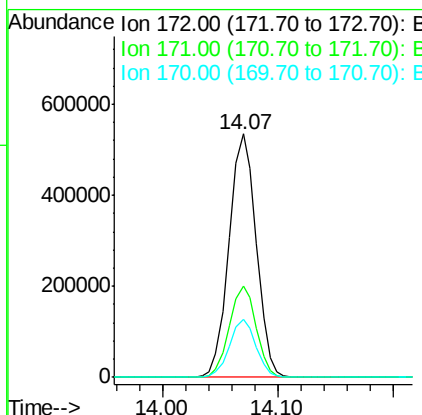
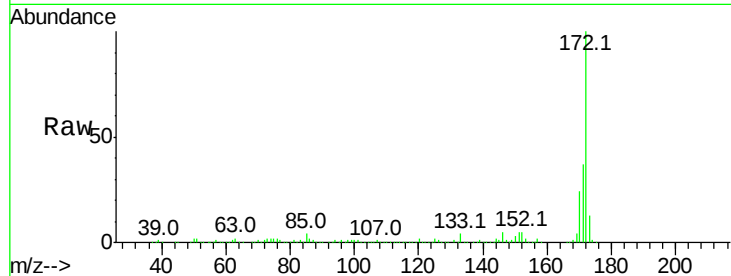




#44
 2-Fluorobiphenyl
 Concen: 81.308 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031812.D
 Acq: 28 Dec 2017 1:34

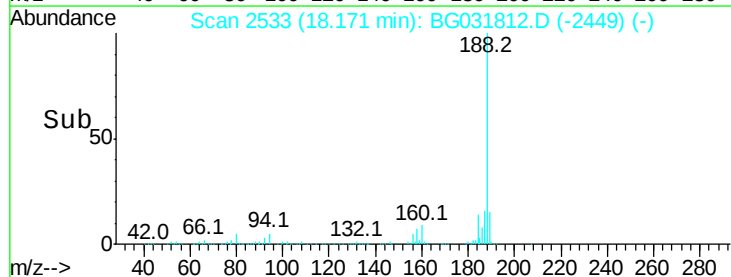
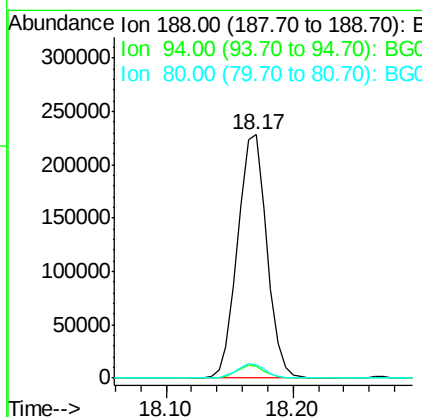
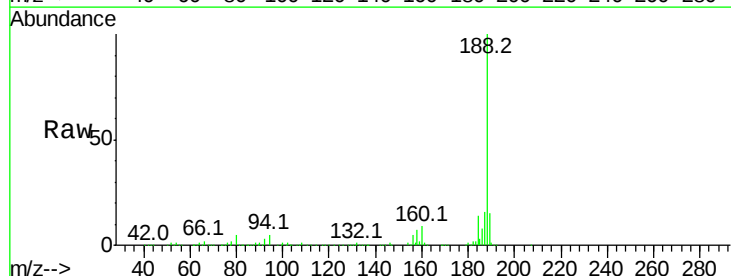
Instrument :
 BNA_G
 ClientSampleId :
 122117-JETT-F-D-S

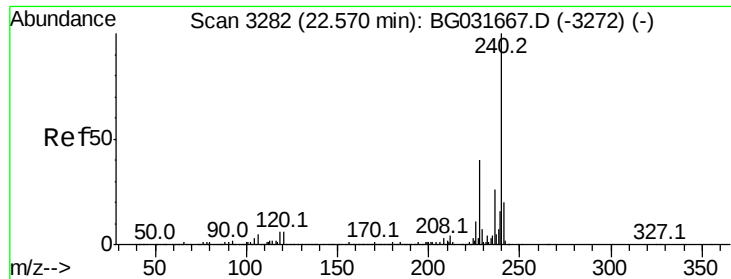
Tot Ion:172 Resp: 871310
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.0 45.0
 170 24.1 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.03 min
 Lab File: BG031812.D
 Acq: 28 Dec 2017 1:34

Tgt Ion:188 Resp: 363043
 Ion Ratio Lower Upper
 188 100
 94 5.1 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: BG031812.D

Acq: 28 Dec 2017 1:34

Instrument :

BNA_G

ClientSampleId :

122117-JETT-F-D-S

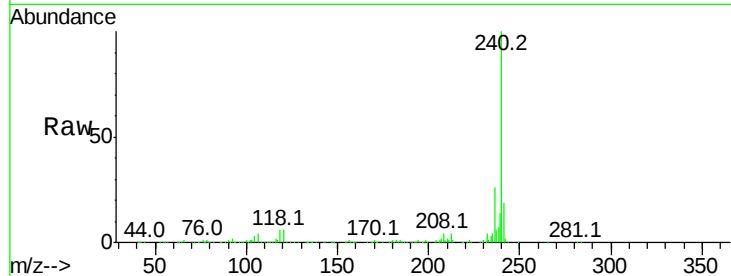
Tot Ion:240 Resp: 440824

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

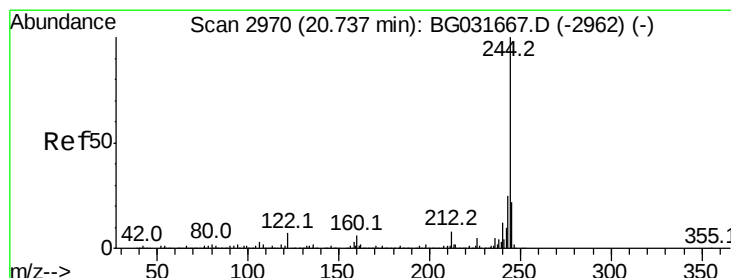
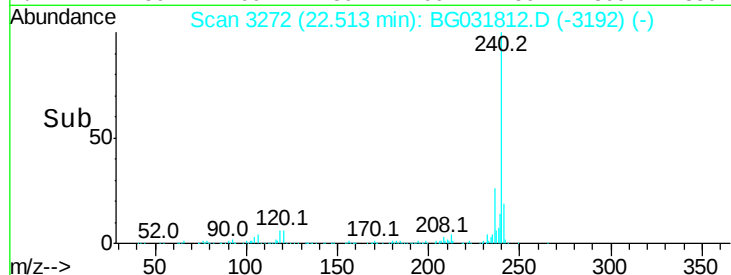
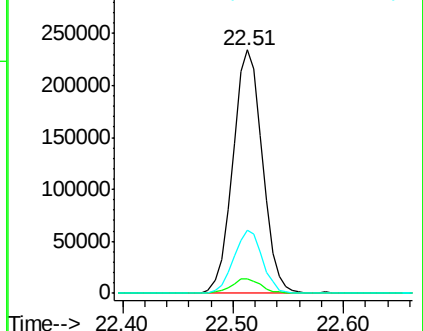
236 26.2 20.9 31.3



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: 83.049 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031812.D

Acq: 28 Dec 2017 1:34

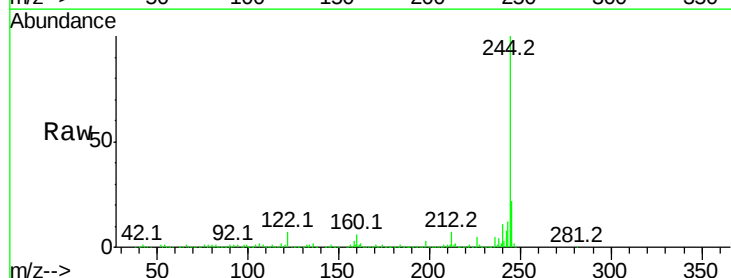
Tgt Ion:244 Resp: 1602426

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

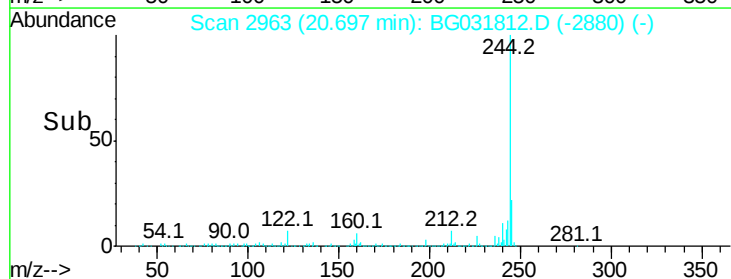
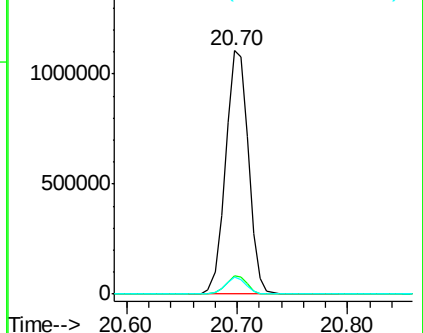
122 7.2 7.0 10.4

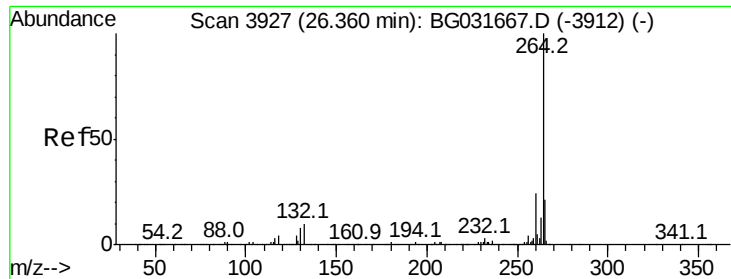


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

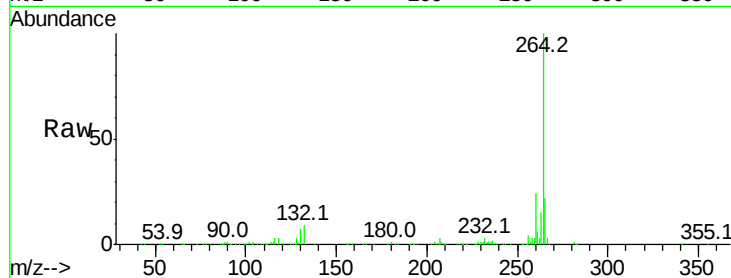




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031812.D
Acq: 28 Dec 2017 1:34

Instrument :
BNA_G
ClientSampleId :
122117-JETT-F-D-S

Tot Ion:264 Resp: 461832
Ion Ratio Lower Upper
264 100
260 23.9 17.4 26.0
265 22.2 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

