

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031784.D
 Acq On : 27 Dec 2017 5:53
 Operator : SJ/JU
 Sample : I7009-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121917-JETT-F-D-M

Quant Time: Dec 27 06:41:38 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

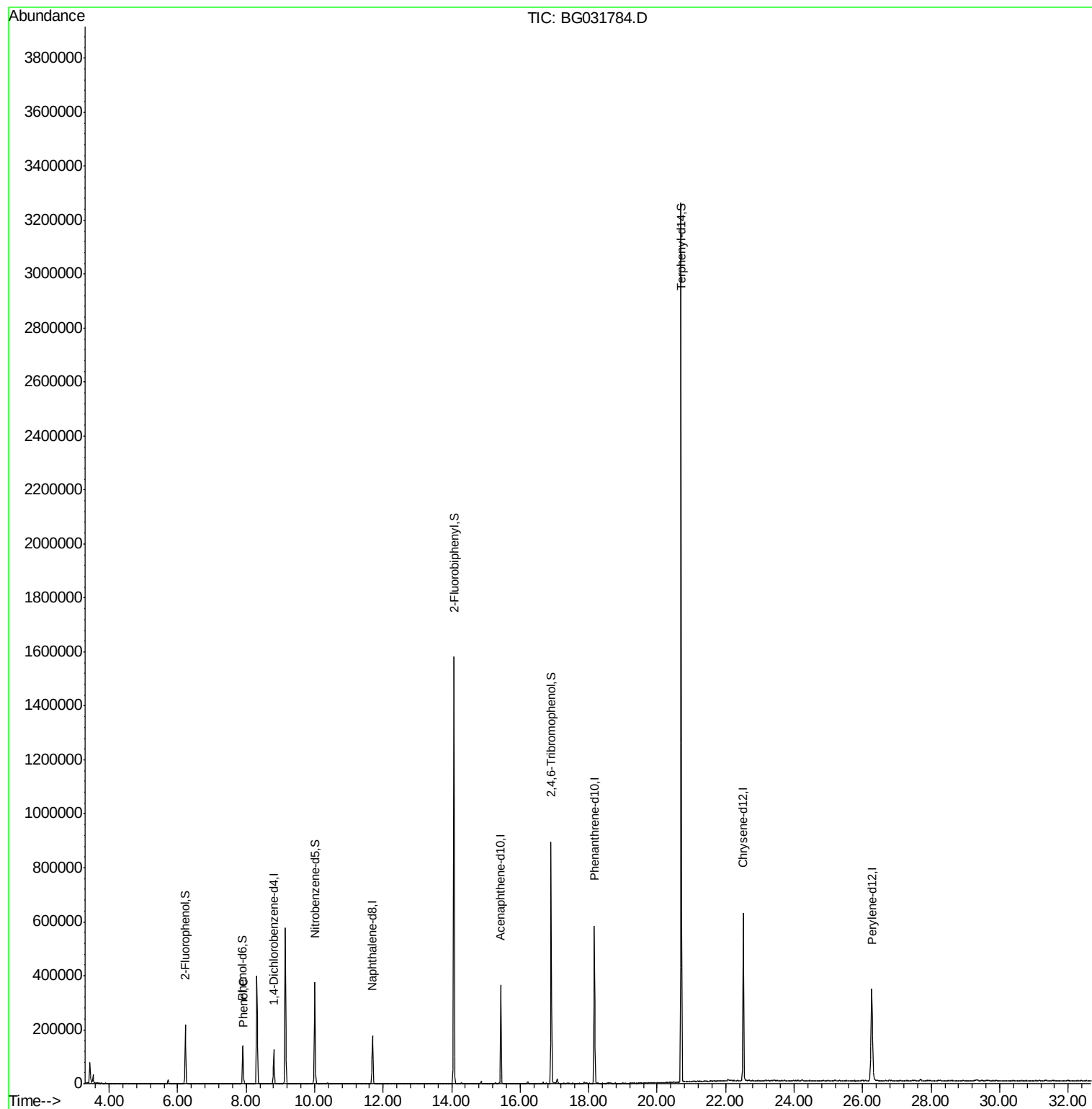
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	45265	20.00	ng	-0.04
21) Naphthalene-d8	11.69	136	191910	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	139749	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	387605	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	467303	20.00	ng	-0.05
86) Perylene-d12	26.27	264	493820	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	122196	49.17	ng	-0.03
7) Phenol-d6	7.90	99	100051	31.01	ng	-0.03
23) Nitrobenzene-d5	10.01	82	249571	98.20	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	222110	104.16	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	974065	87.48	ng	-0.03
78) Terphenyl-d14	20.70	244	1779077	86.98	ng	-0.04
Target Compounds						
10) Phenol	7.93	94	7084	2.175	ng	Qvalue 89

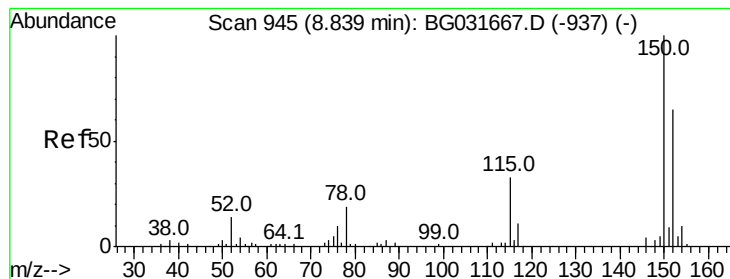
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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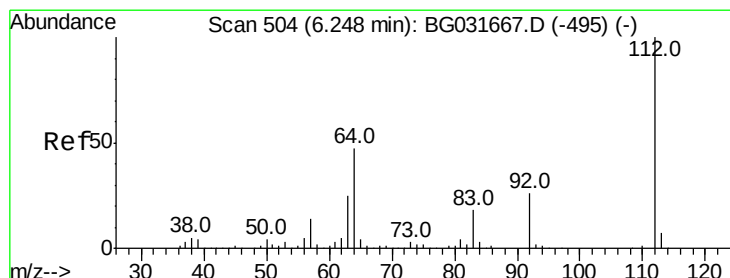
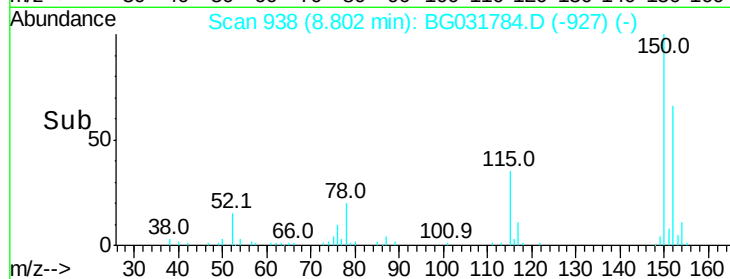
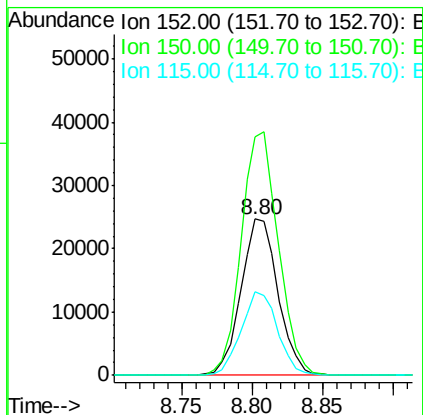
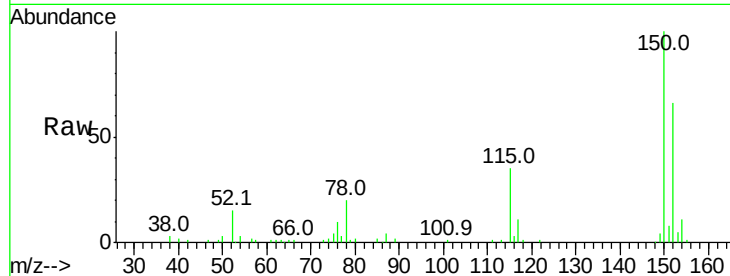


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.04 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

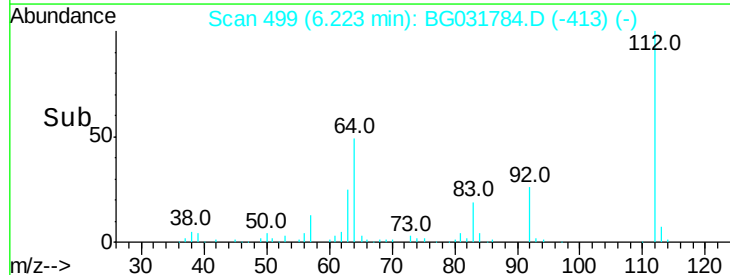
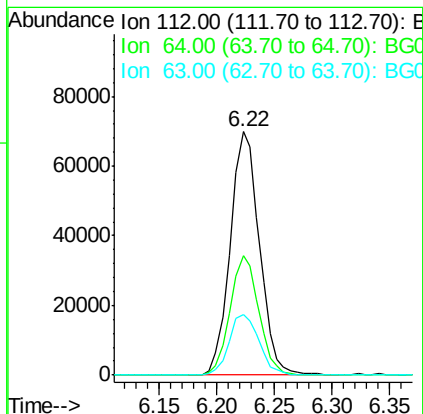
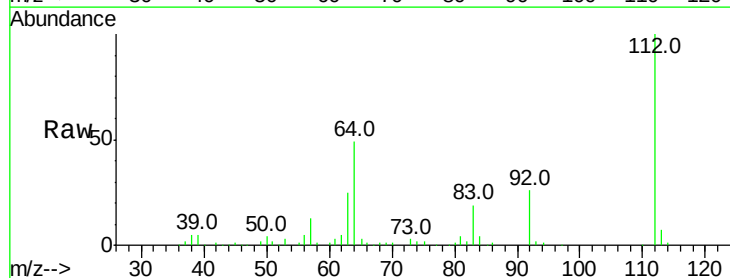
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	126.6	189.8
115	53.8	53.0	79.4

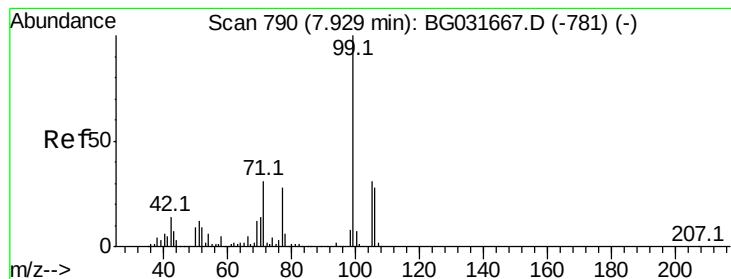


#5

2-Fluorophenol
Concen: 49.170 ng
RT: 6.22 min Scan# 499
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.3	56.3	84.5#
63	24.8	30.1	45.1#





#7

Phenol-d6

Concen: 31.008 ng

RT: 7.90 min Scan# 784

Delta R.T. -0.03 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-M

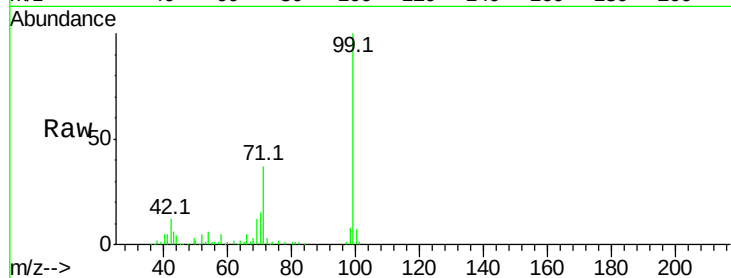
Tot Ion: 99 Resp: 100051

Ion Ratio Lower Upper

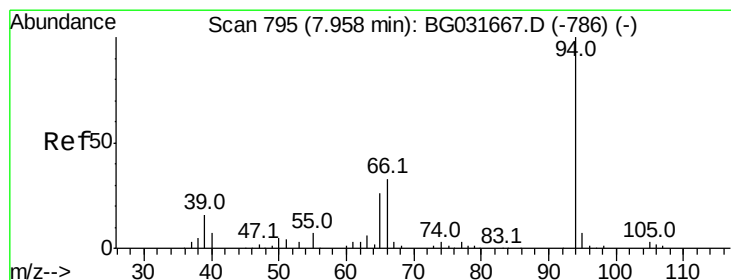
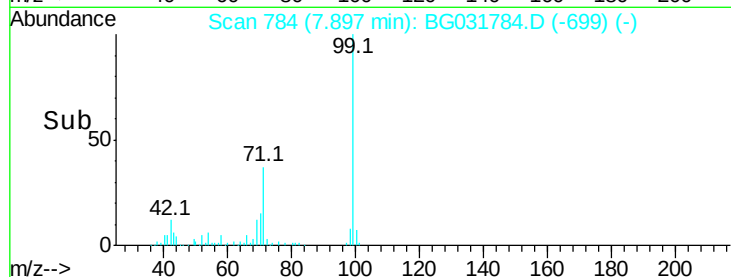
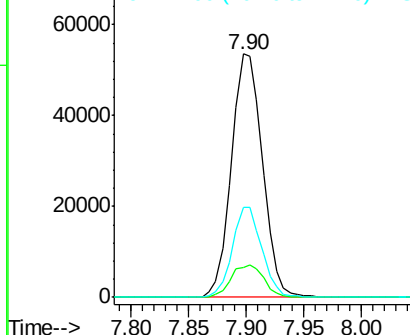
99 100

42 12.3 14.1 21.1#

71 37.0 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: 2.175 ng

RT: 7.93 min Scan# 789

Delta R.T. -0.03 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

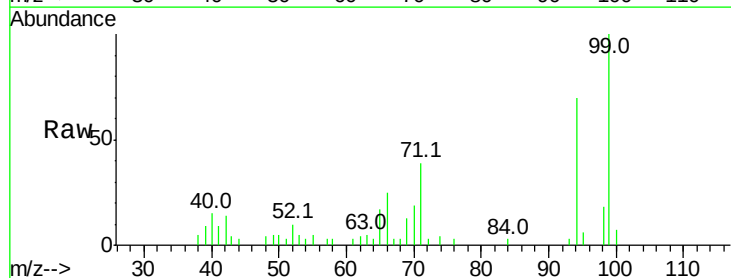
Tgt Ion: 94 Resp: 7084

Ion Ratio Lower Upper

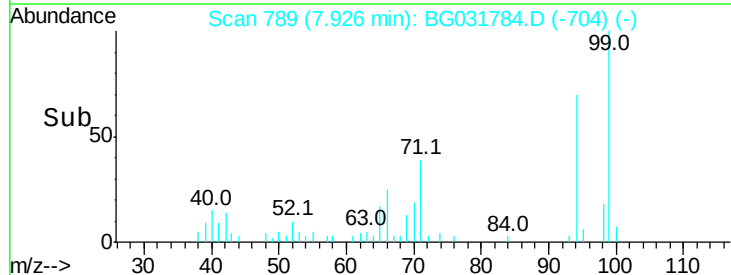
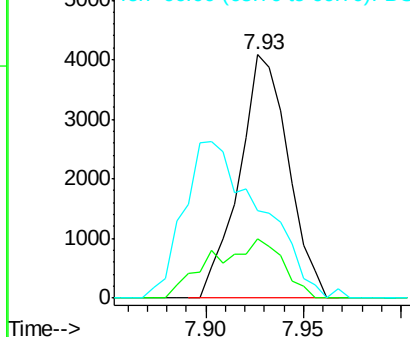
94 100

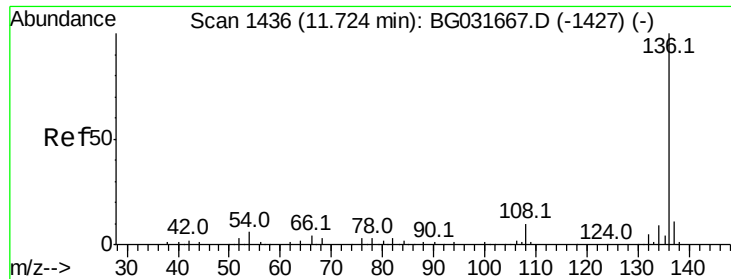
65 24.1 11.9 51.9

66 36.1 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

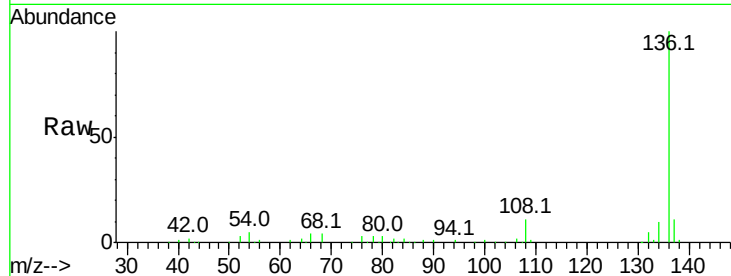




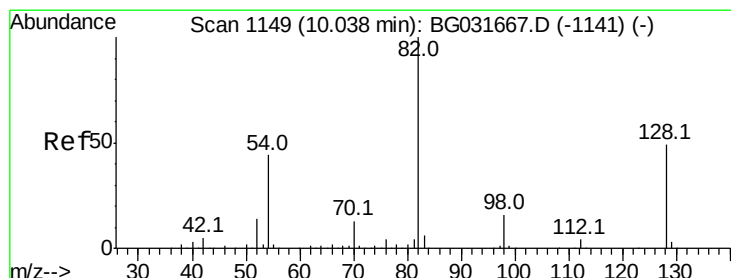
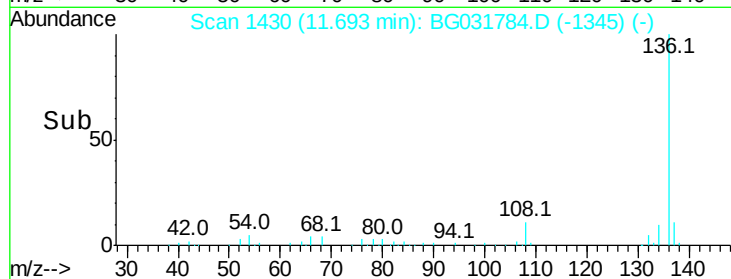
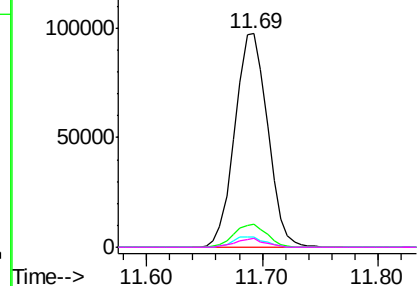
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tot Ion:	136	Resp:	191910
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	4.8	10.3	15.5#
68	4.0	4.5	6.7#

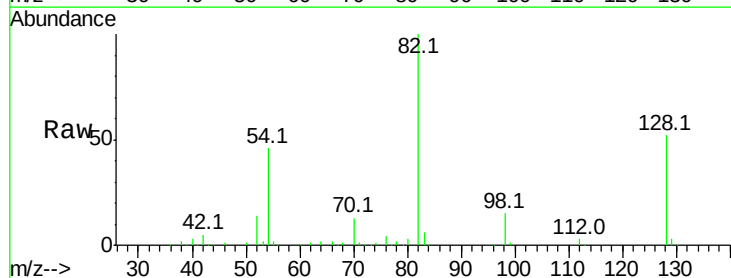


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

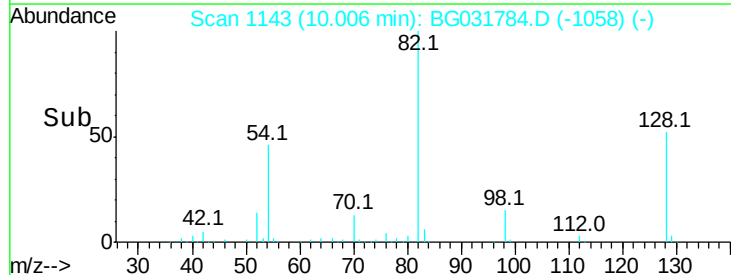
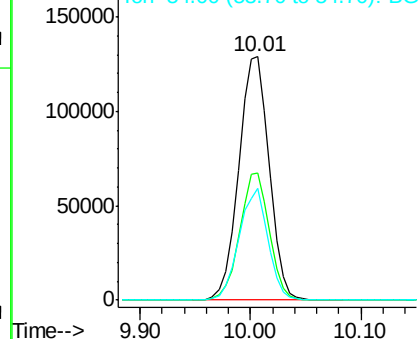


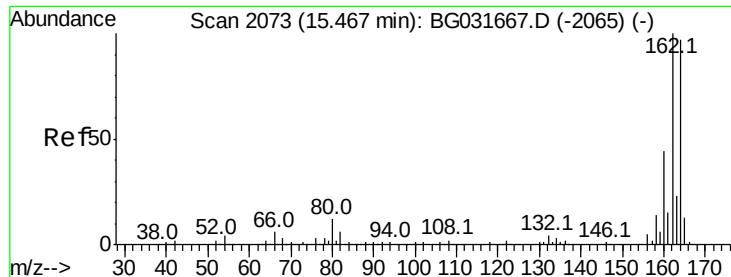
#23
Nitrobenzene-d5
Concen: 98.200 ng
RT: 10.01 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Tgt Ion:	82	Resp:	249571
Ion	Ratio	Lower	Upper
82	100		
128	52.3	29.7	44.5#
54	46.0	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# 2067

Delta R.T. -0.03 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-M

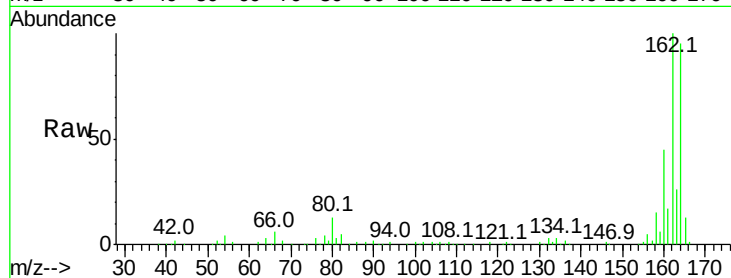
Tot Ion:164 Resp: 139749

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

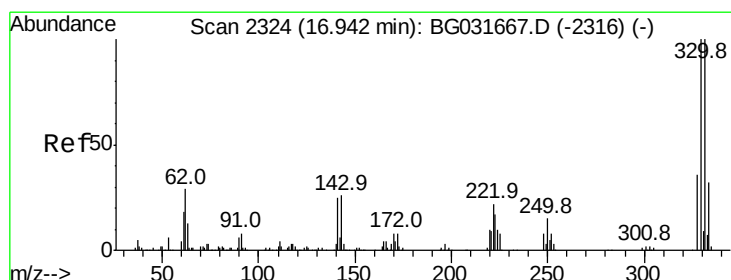
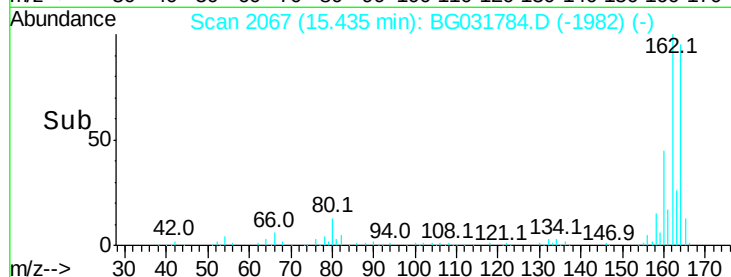
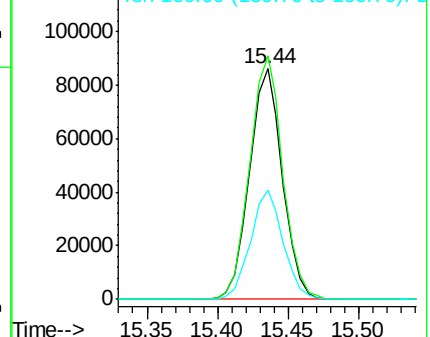
160 47.4 35.4 53.0



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: 104.161 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

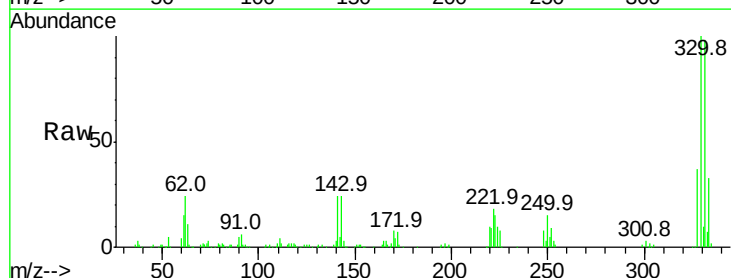
Tgt Ion:330 Resp: 222110

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

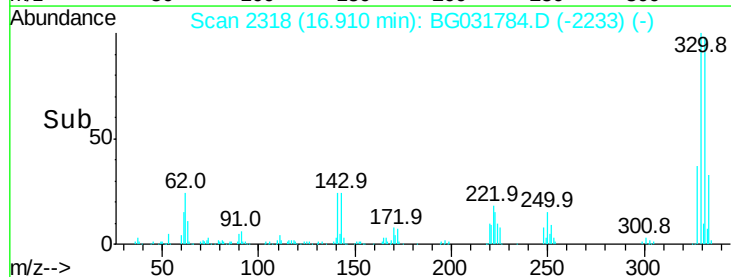
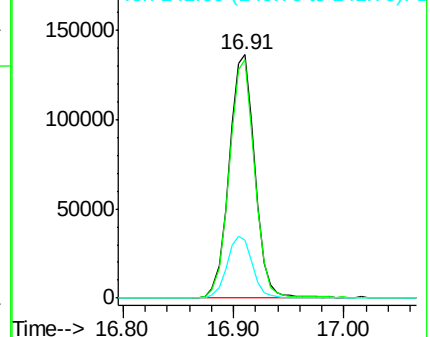
141 25.2 25.2 37.8#

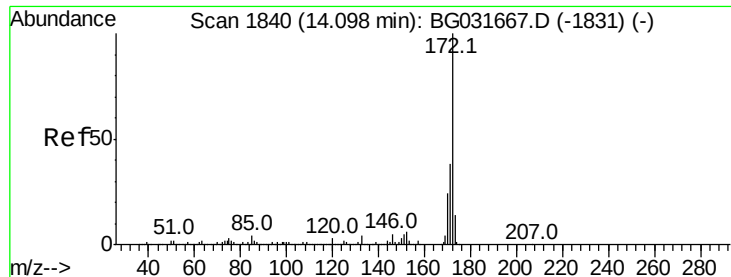


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 87.484 ng

RT: 14.07 min Scan# 1834

Delta R.T. -0.03 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

Instrument :

BNA_G

ClientSampleId :

121917-JETT-F-D-M

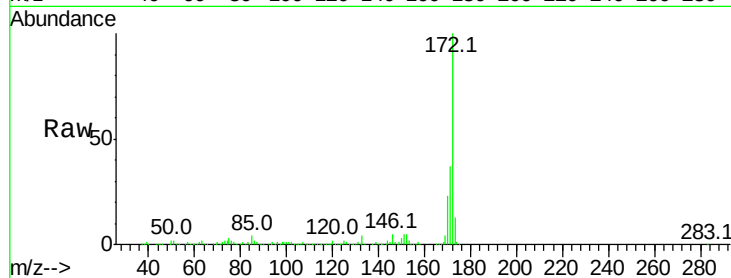
Tot Ion:172 Resp: 974065

Ion Ratio Lower Upper

172 100

171 37.2 30.0 45.0

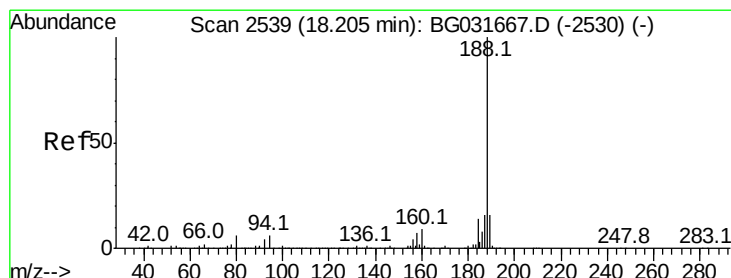
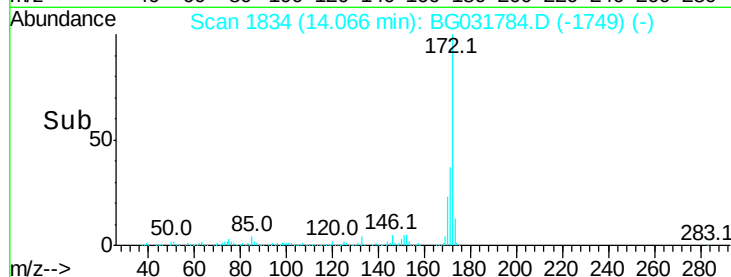
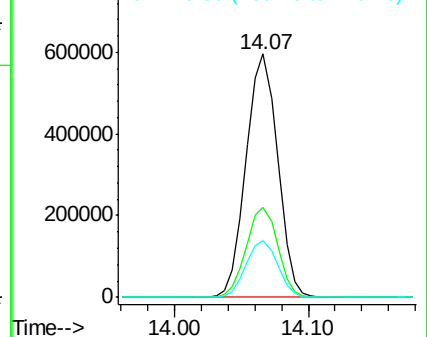
170 23.3 19.5 29.3



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: 18.17 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

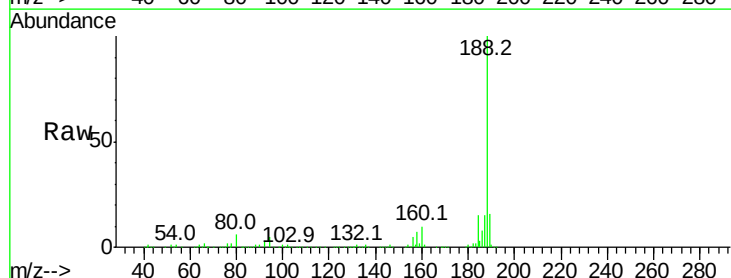
Tgt Ion:188 Resp: 387605

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

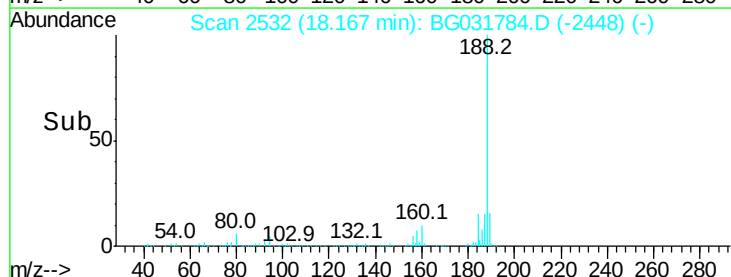
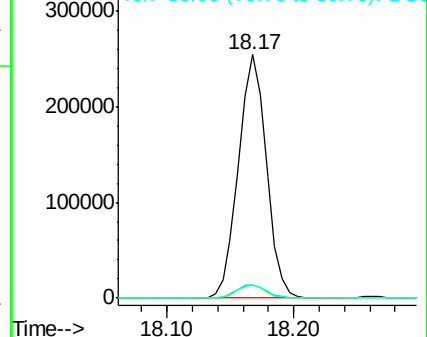
80 5.7 7.7 11.5#

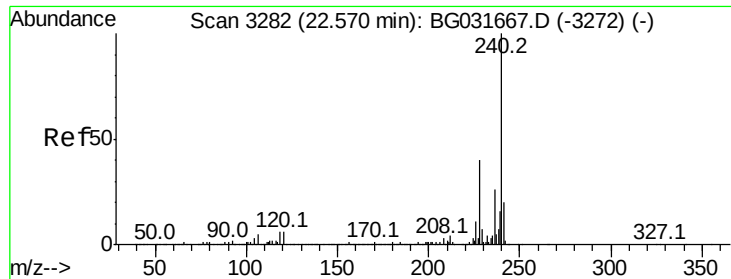


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.52 min Scan# 3272

Delta R.T. -0.05 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

Instrument :

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ClientSampleId :

121917-JETT-F-D-M

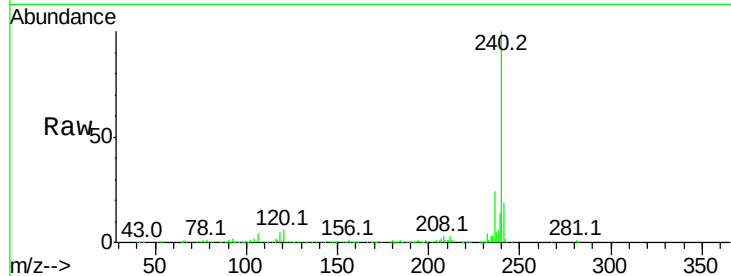
Tot Ion:240 Resp: 467303

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

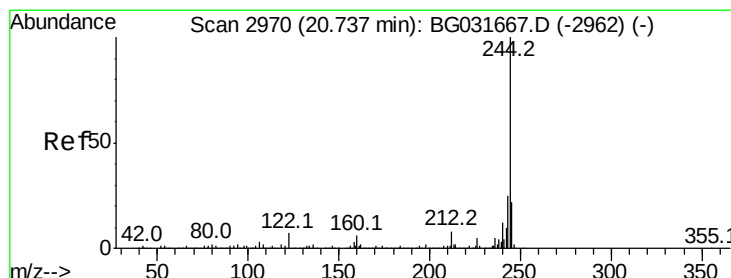
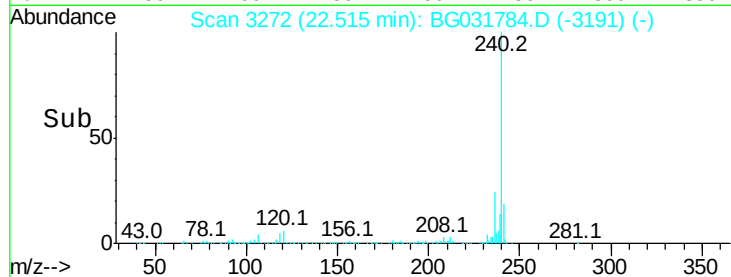
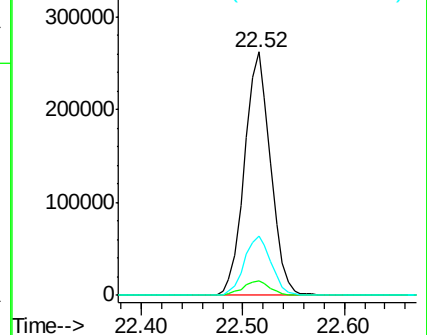
236 24.2 20.9 31.3



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: 86.979 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031784.D

Acq: 27 Dec 2017 5:53

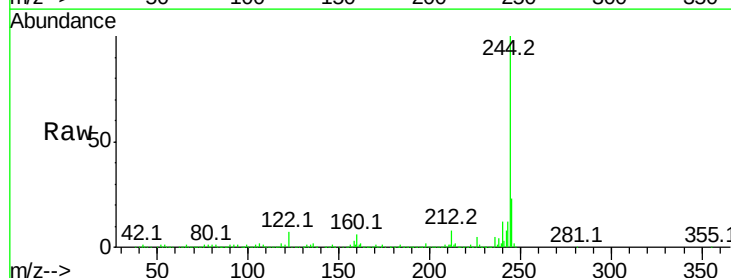
Tgt Ion:244 Resp: 1779077

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

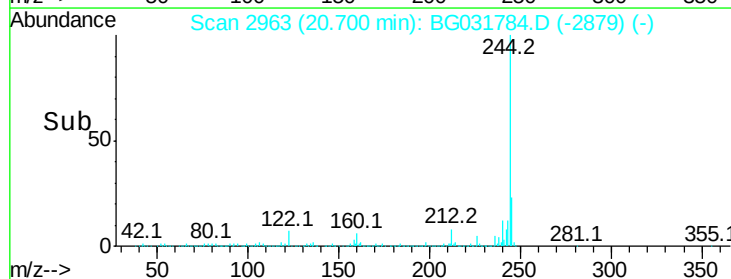
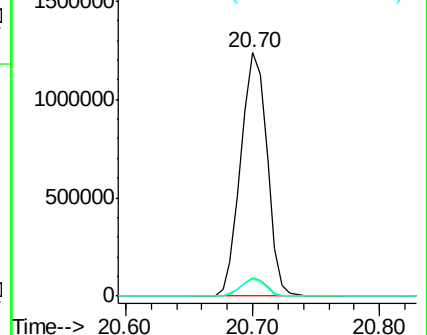
122 7.2 7.0 10.4

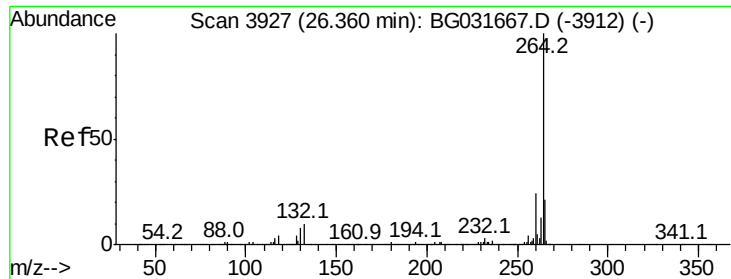


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

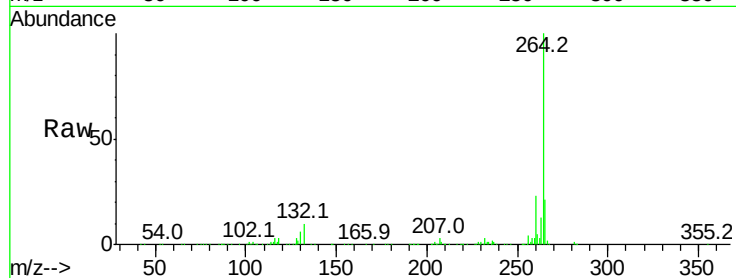




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.27 min Scan# 3911
Delta R.T. -0.09 min
Lab File: BG031784.D
Acq: 27 Dec 2017 5:53

Instrument :
BNA_G
ClientSampleId :
121917-JETT-F-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	17.4	26.0
265	20.6	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

