

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021418\
 Data File : BG032708.D
 Acq On : 15 Feb 2018 9:39
 Operator : SJ/JU
 Sample : J1545-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Quant Time: Feb 15 11:14:29 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

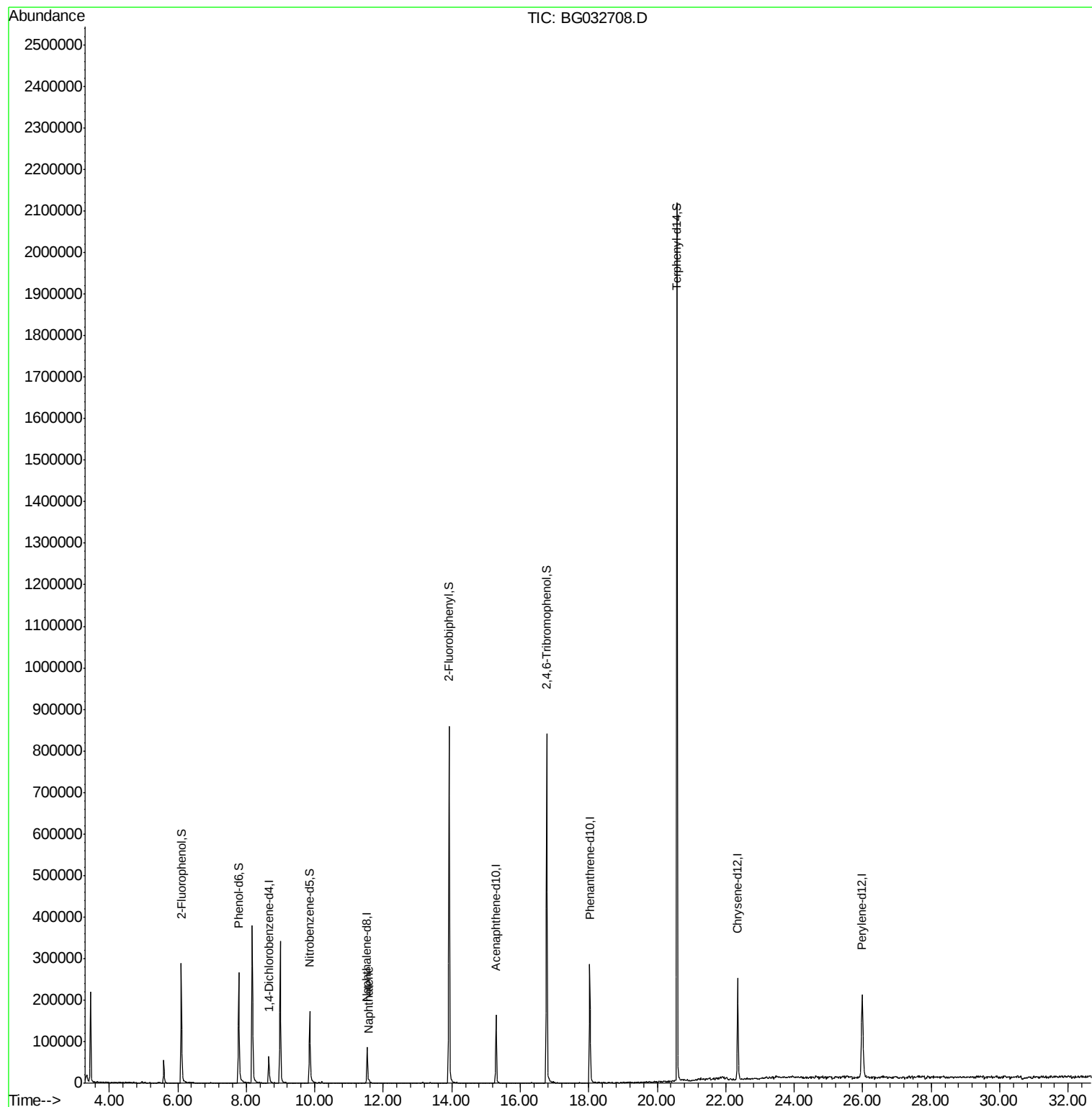
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	26842	20.00	ng	-0.02
21) Naphthalene-d8	11.53	136	93950	20.00	ng	-0.02
38) Acenaphthene-d10	15.30	164	66733	20.00	ng	-0.01
63) Phenanthrene-d10	18.03	188	211459	20.00	ng	-0.02
75) Chrysene-d12	22.35	240	195854	20.00	ng	-0.02
86) Perylene-d12	25.99	264	295203	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	156579	117.04	ng	-0.01
7) Phenol-d6	7.78	99	177550	97.06	ng	-0.02
23) Nitrobenzene-d5	9.85	82	122880	83.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.77	330	200641	195.26	ng	-0.02
44) 2-Fluorobiphenyl	13.92	172	544998	102.13	ng	-0.01
78) Terphenyl-d14	20.57	244	1191568	138.67	ng	-0.01
Target Compounds						
31) Naphthalene	11.58	128	9183	2.013	ng	Qvalue # 92

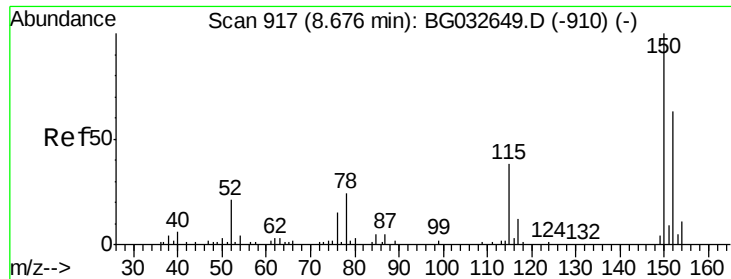
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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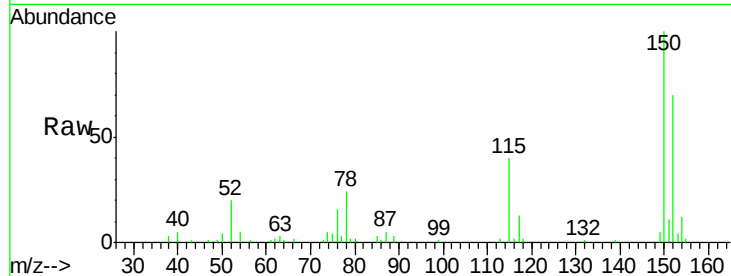


#1

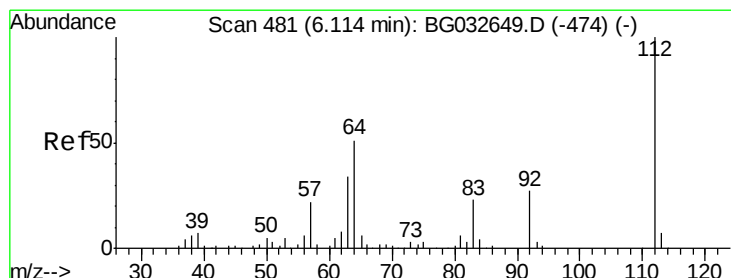
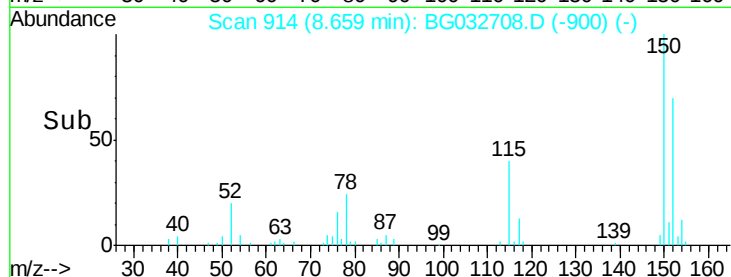
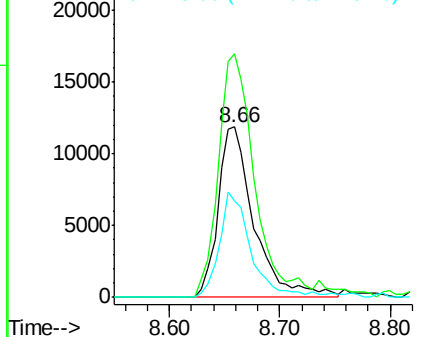
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.66 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Tot Ion:152 Resp: 26842
Ion Ratio Lower Upper
152 100
150 143.0 126.6 189.8
115 56.6 53.0 79.4



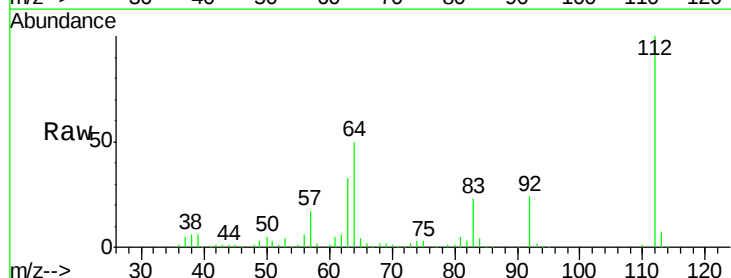
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



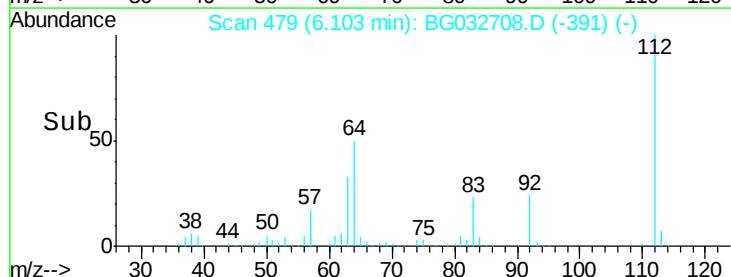
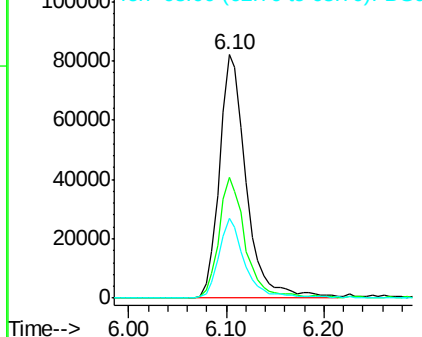
#5

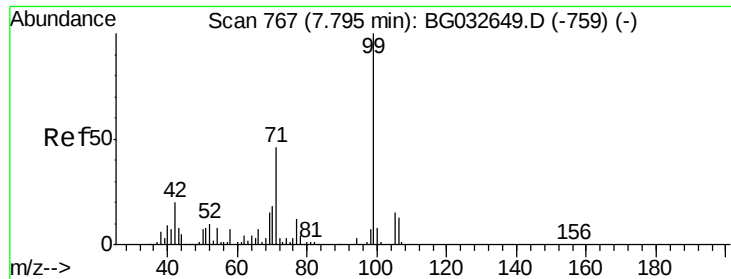
2-Fluorophenol
Concen: 117.038 ng
RT: 6.10 min Scan# 479
Delta R.T. -0.01 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:112 Resp: 156579
Ion Ratio Lower Upper
112 100
64 49.8 56.3 84.5#
63 32.8 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: 97.055 ng

RT: 7.78 min Scan# 764

Delta R.T. -0.02 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

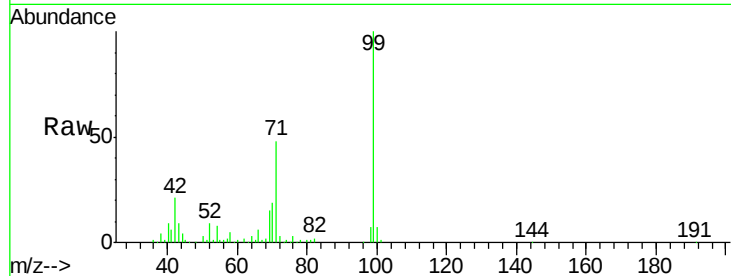
Tot Ion: 99 Resp: 177550

Ion Ratio Lower Upper

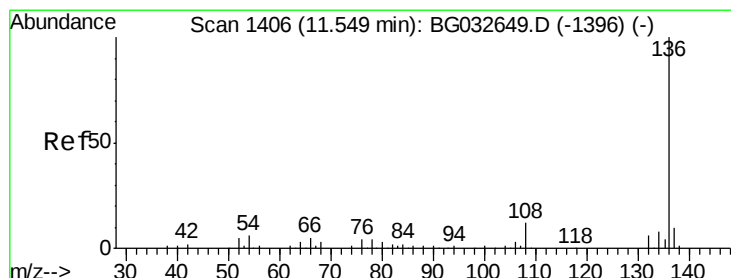
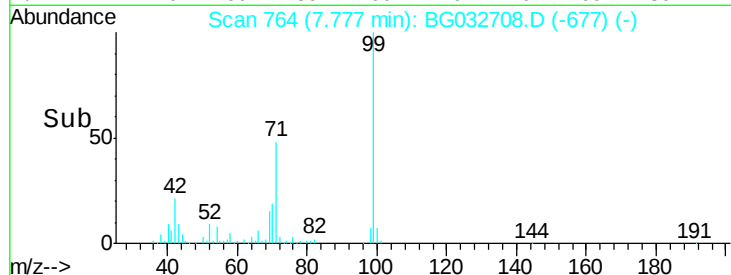
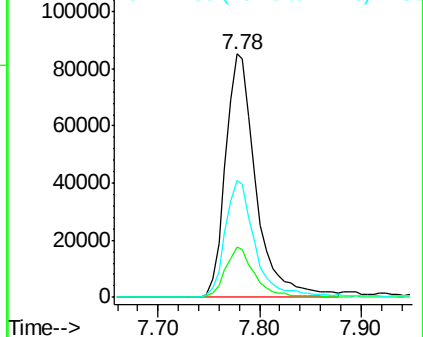
99 100

42 20.6 14.1 21.1

71 48.1 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: 11.53 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

Tgt Ion: 136 Resp: 93950

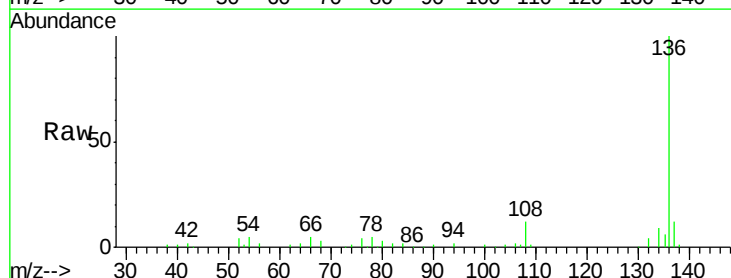
Ion Ratio Lower Upper

136 100

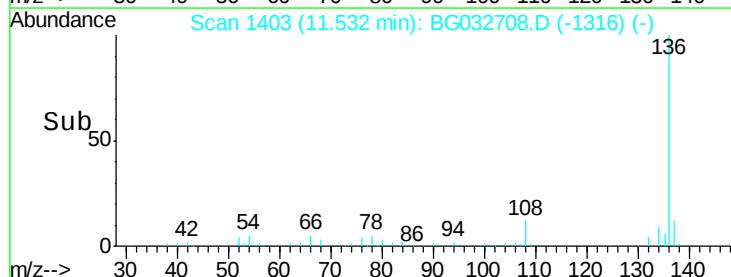
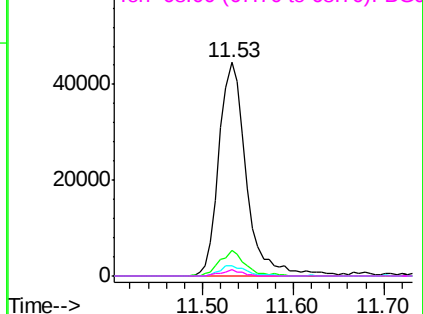
137 11.7 9.2 13.8

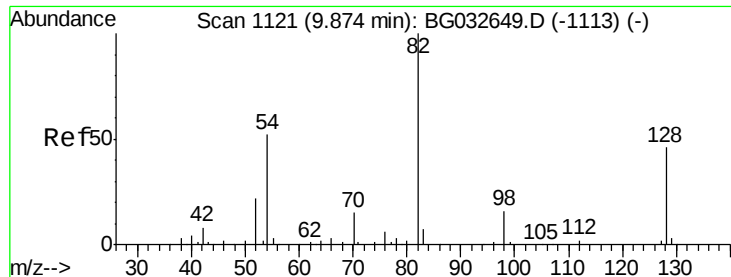
54 4.7 10.3 15.5#

68 2.9 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

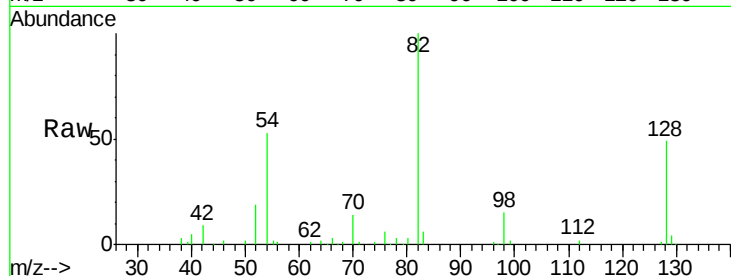




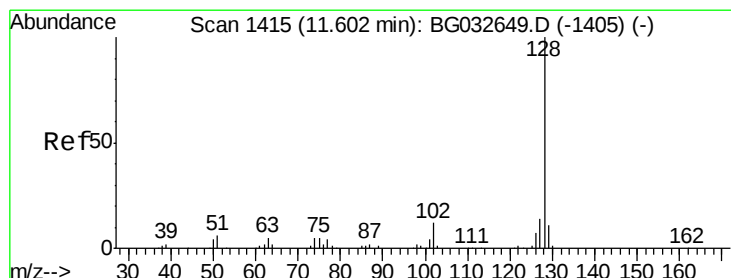
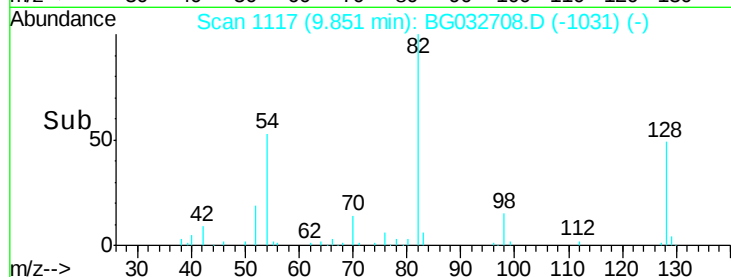
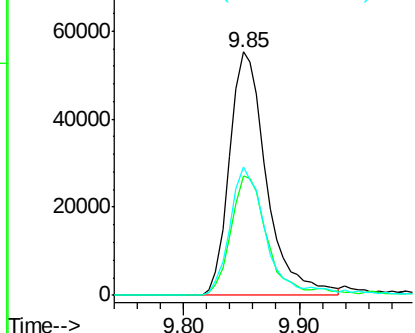
#23
Nitrobenzene-d5
Concen: 83.126 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Instrument :
BNA_G
ClientSampleId :
TEST-PIT-1

Tot Ion: 82 Resp: 122880
Ion Ratio Lower Upper
82 100
128 49.2 29.7 44.5#
54 52.8 43.1 64.7

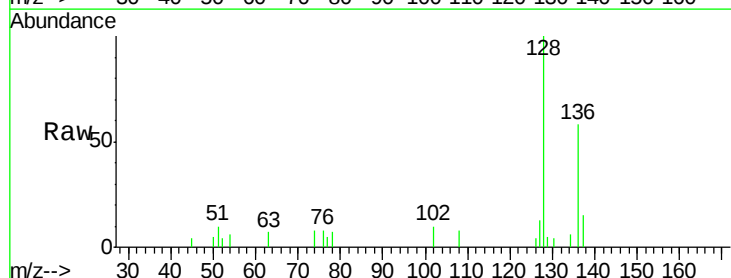


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

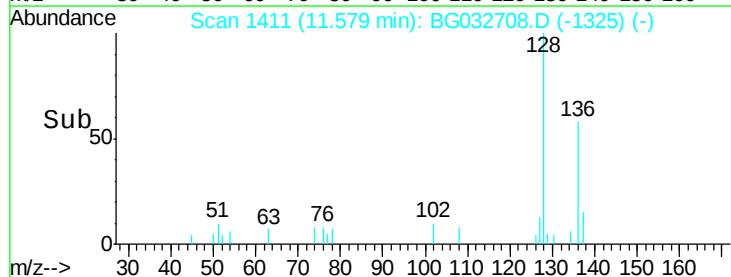
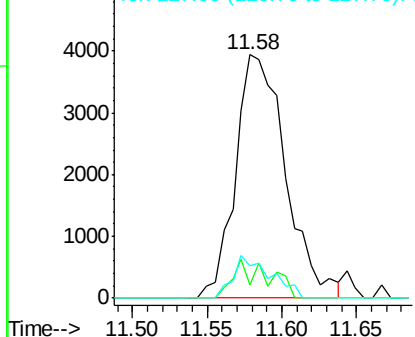


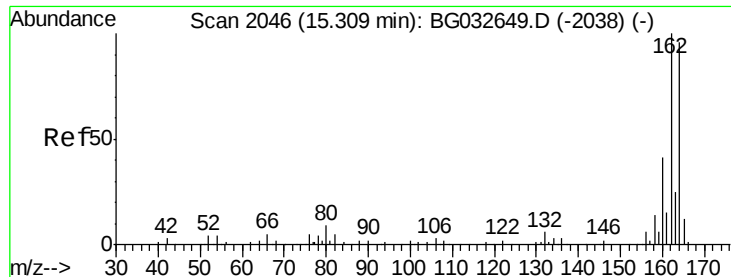
#31
Naphthalene
Concen: 2.013 ng
RT: 11.58 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BG032708.D
Acq: 15 Feb 2018 9:39

Tgt Ion:128 Resp: 9183
Ion Ratio Lower Upper
128 100
129 5.2 8.6 12.8#
127 13.2 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 129.00 (128.70 to 129.70): BGC
Ion 127.00 (126.70 to 127.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.30 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

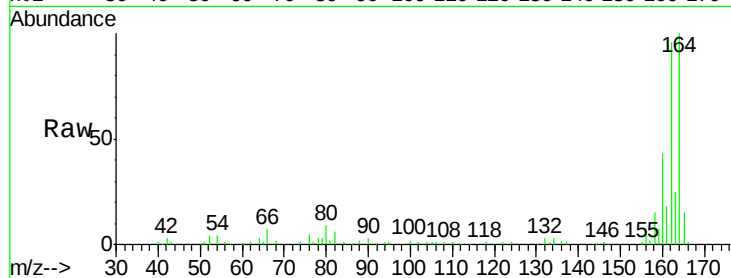
Tot Ion:164 Resp: 66733

Ion Ratio Lower Upper

164 100

162 95.7 78.8 118.2

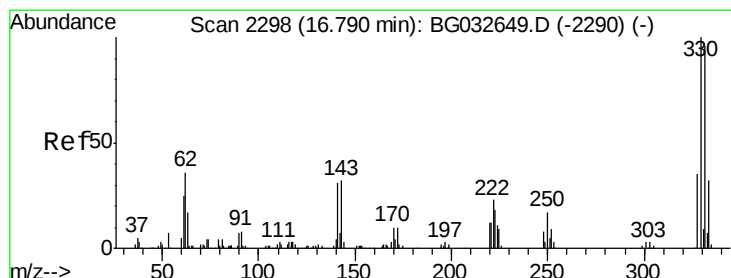
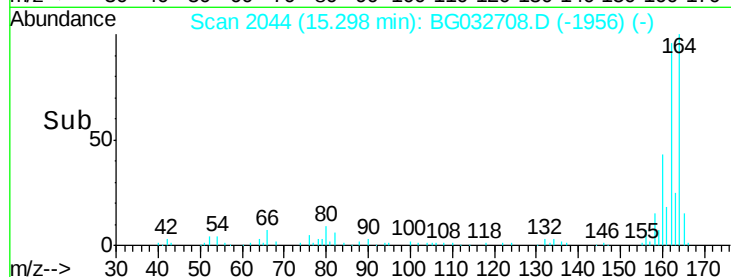
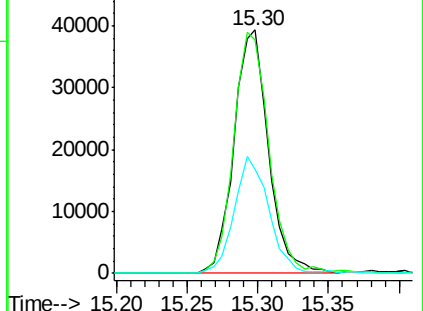
160 42.7 35.4 53.0



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: 195.262 ng

RT: 16.77 min Scan# 2295

Delta R.T. -0.02 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

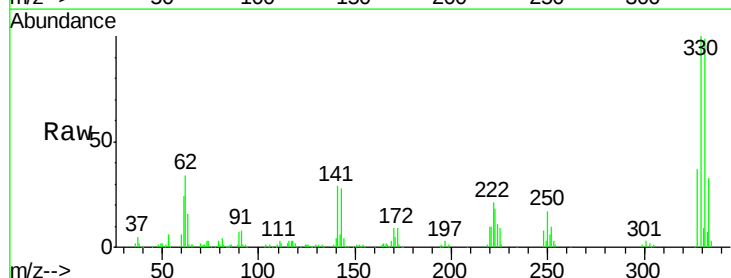
Tgt Ion:330 Resp: 200641

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

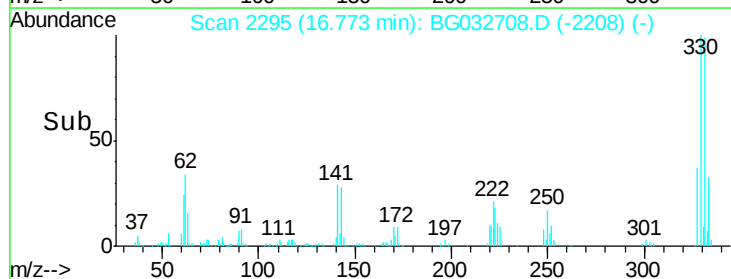
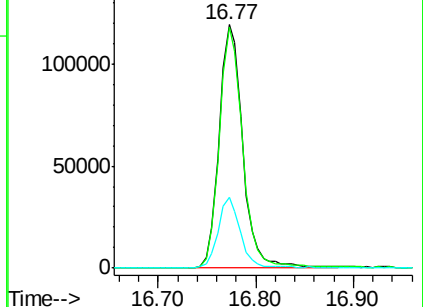
141 26.9 25.2 37.8

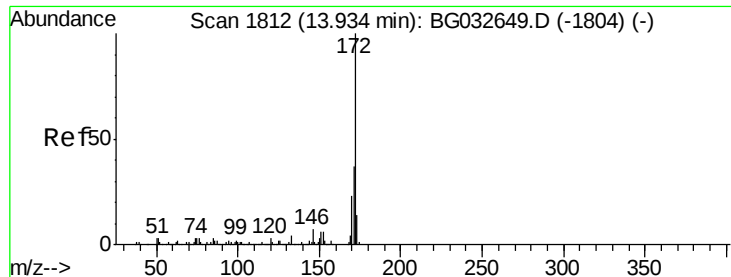


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 102.129 ng

RT: 13.92 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

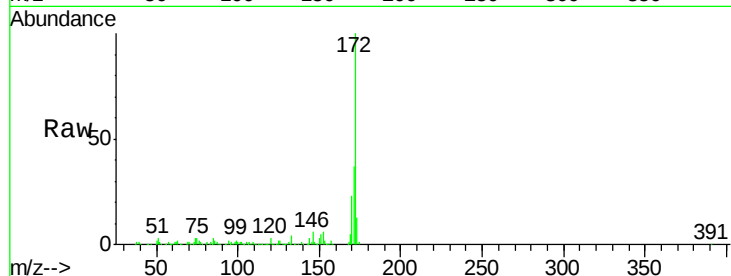
Tot Ion:172 Resp: 544998

Ion Ratio Lower Upper

172 100

171 36.8 30.0 45.0

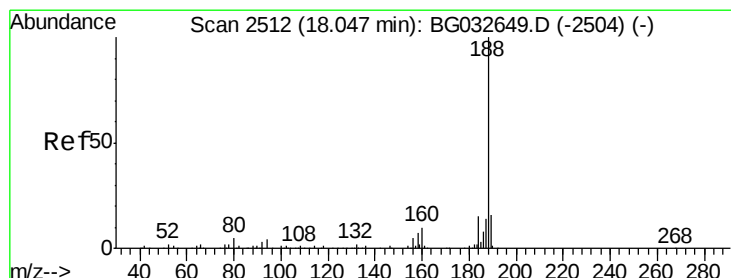
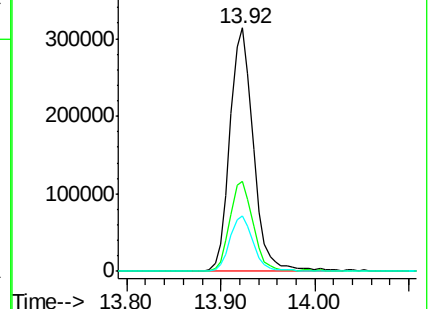
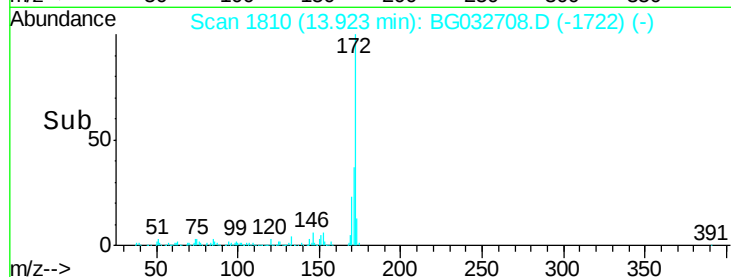
170 22.9 19.5 29.3



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: 18.03 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

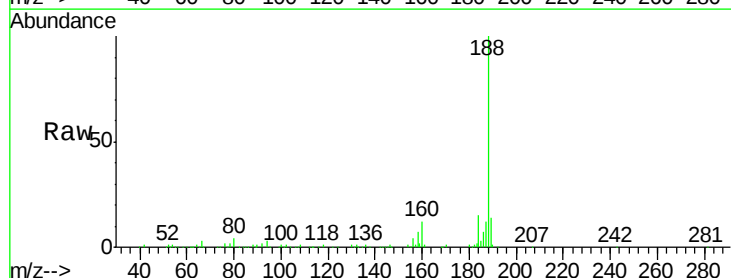
Tgt Ion:188 Resp: 211459

Ion Ratio Lower Upper

188 100

94 2.9 6.9 10.3#

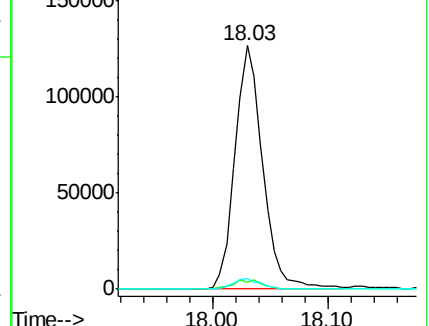
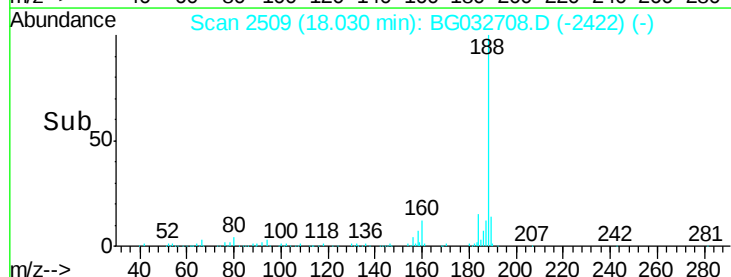
80 4.1 7.7 11.5#

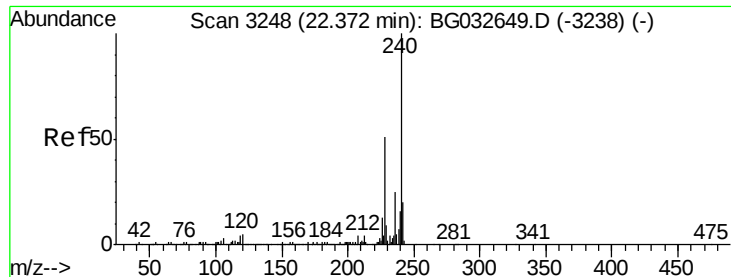


Abundance Ion 188.00 (187.70 to 188.70): E

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: 22.35 min Scan# 3244

Delta R.T. -0.02 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

Instrument :

BNA_G

ClientSampleId :

TEST-PIT-1

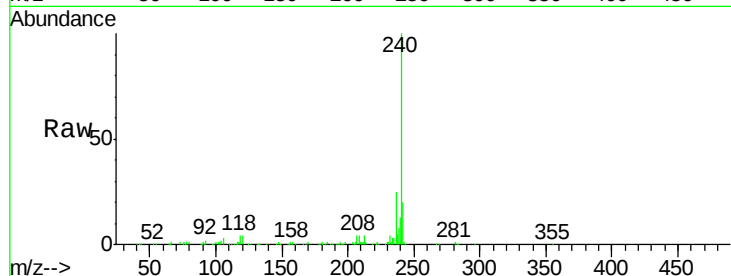
Tot Ion:240 Resp: 195854

Ion Ratio Lower Upper

240 100

120 3.9 6.8 10.2#

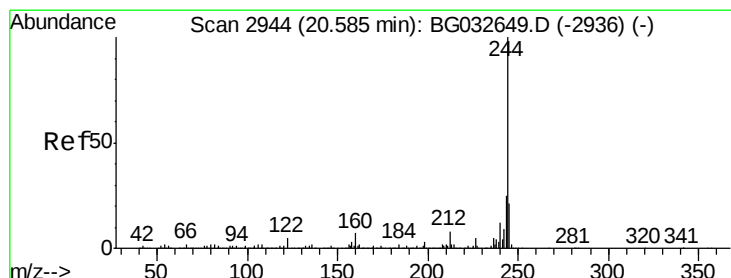
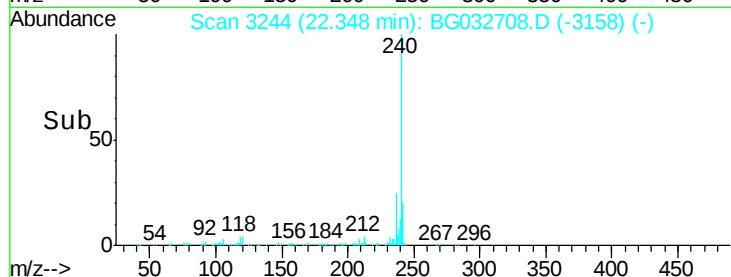
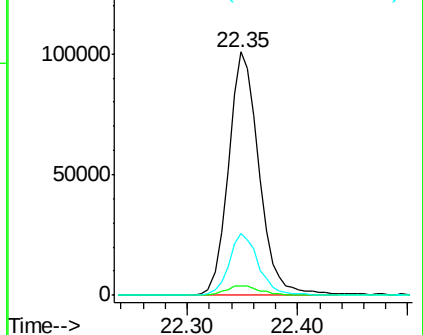
236 25.3 20.9 31.3



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: 138.666 ng

RT: 20.57 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG032708.D

Acq: 15 Feb 2018 9:39

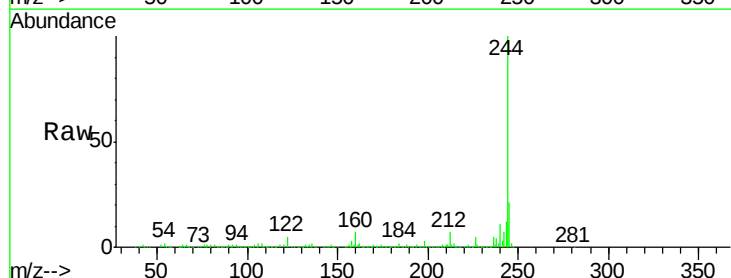
Tgt Ion:244 Resp: 1191568

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

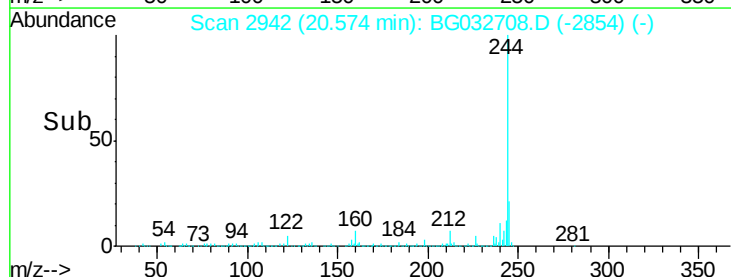
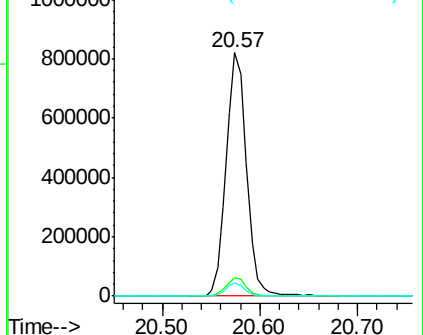
122 5.4 7.0 10.4#

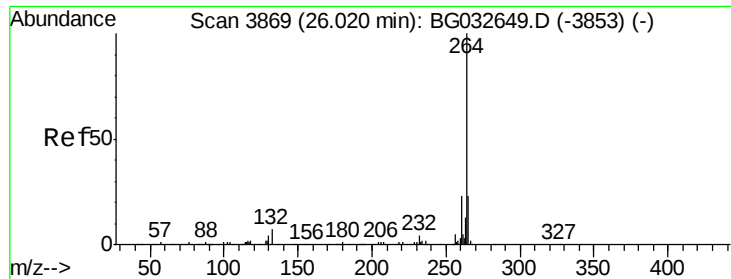


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.99 min Scan# 3863
 Delta R.T. -0.03 min
 Lab File: BG032708.D
 Acq: 15 Feb 2018 9:39

Instrument :
 BNA_G
 ClientSampleId :
 TEST-PIT-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.0
265	21.5	17.7	26.5

