

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041715\
 Data File : BF078618.D
 Acq On : 17 Apr 2015 23:06
 Operator : TP/IZ
 Sample : G1872-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JAMAICAFIELDBLANK-1-4-9-15

Quant Time: Apr 18 00:33:22 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 18 00:02:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	39448	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	165965	20.00	ng	0.00
38) Acenaphthene-d10	10.40	164	81700	20.00	ng	-0.01
63) Phenanthrene-d10	12.22	188	170774	20.00	ng	0.00
75) Chrysene-d12	15.46	240	203645	20.00	ng	0.00
86) Perylene-d12	17.12	264	205516	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	122768	51.31	ng	-0.01
7) Phenol-d6	6.27	99	95044	31.70	ng	-0.01
23) Nitrobenzene-d5	7.38	82	225632	82.40	ng	0.00
41) 2,4,6-Tribromophenol	11.38	330	99775	147.25	ng	0.00
44) 2-Fluorobiphenyl	9.60	172	456504	79.87	ng	0.00
78) Terphenyl-d14	14.21	244	611125	67.81	ng	0.00

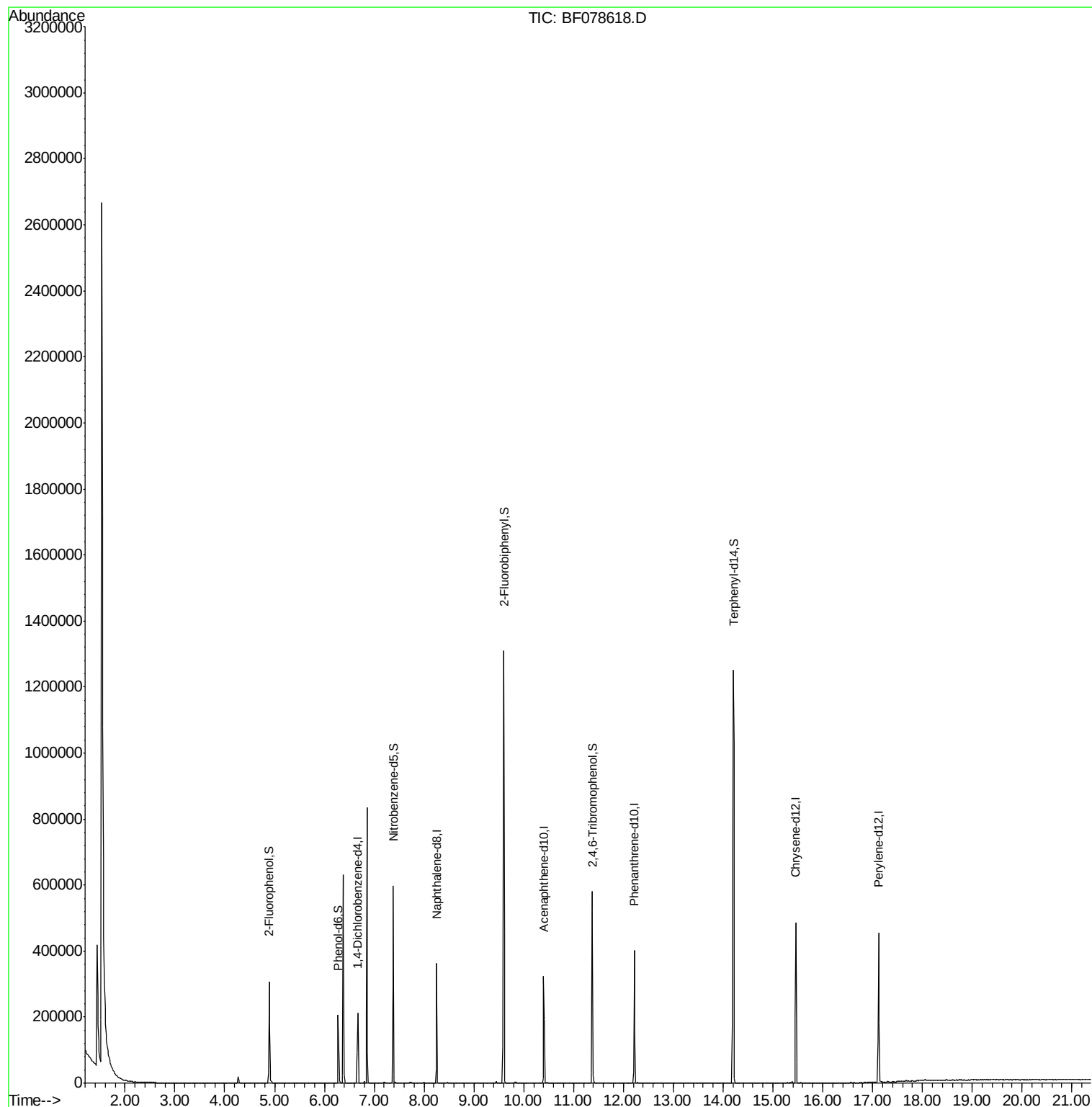
Target Compounds Qvalue

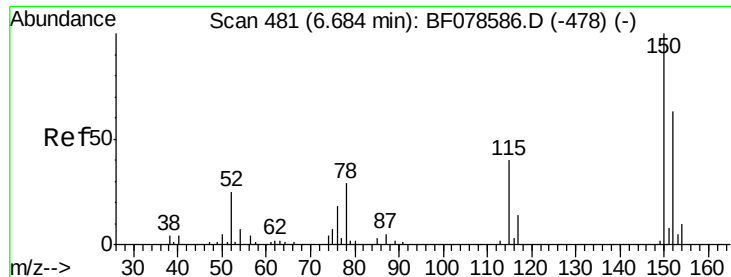
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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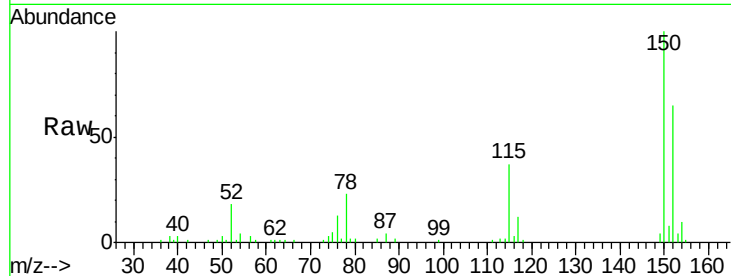


#1

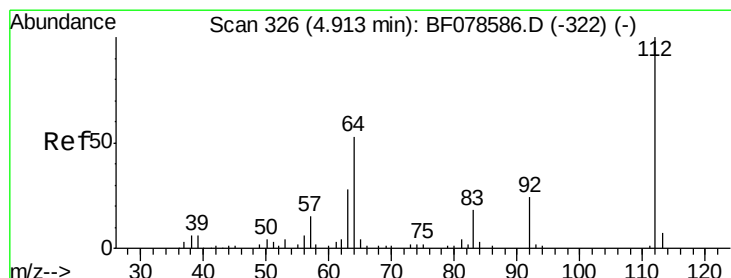
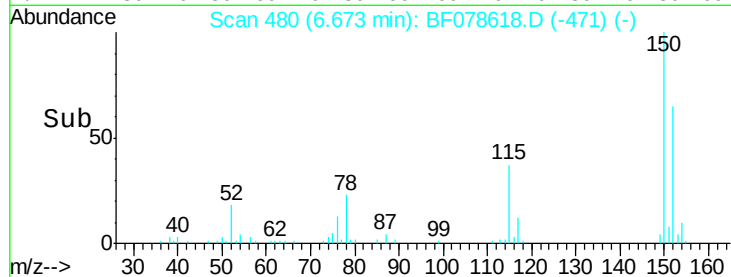
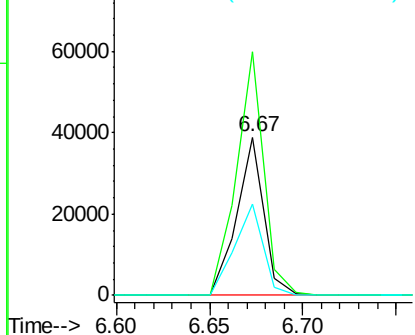
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF078618.D
Acq: 17 Apr 2015 23:06

Instrument :
BNA_F
ClientSampleId :
JAMAICAFIELDBLANK-1-4-9-15

Tot Ion:152 Resp: 39448
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 57.5 52.7 79.1



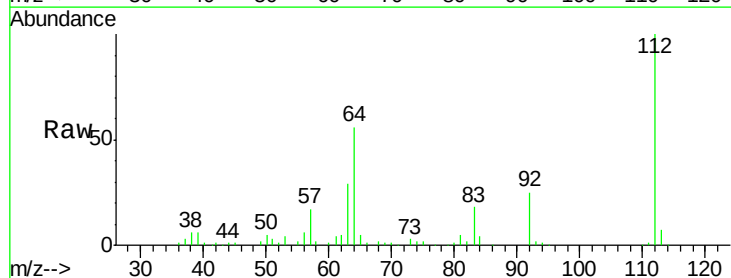
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



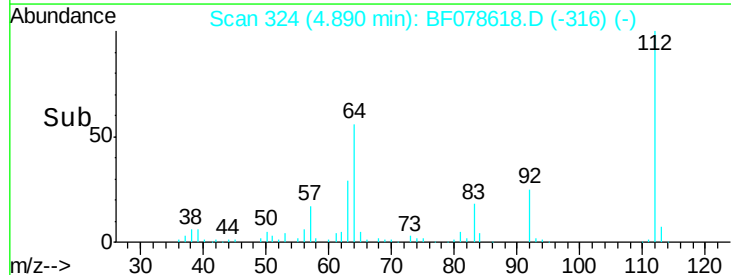
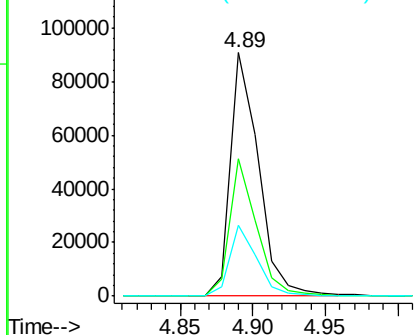
#5

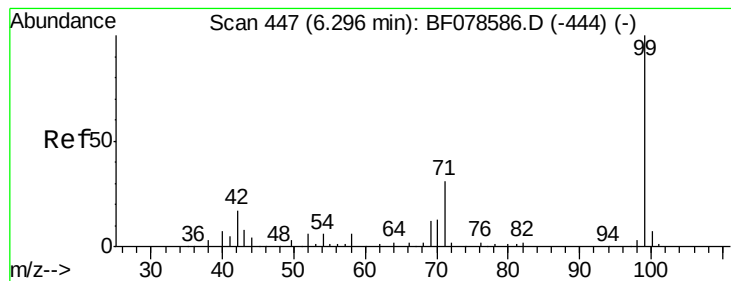
2-Fluorophenol
Concen: 51.31 ng
RT: 4.89 min Scan# 324
Delta R.T. -0.01 min
Lab File: BF078618.D
Acq: 17 Apr 2015 23:06

Tgt Ion:112 Resp: 122768
Ion Ratio Lower Upper
112 100
64 56.3 39.9 59.9
63 29.2 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.70 ng

RT: 6.27 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

Instrument :

BNA_F

ClientSampleId :

JAMAICAFIELDBLANK-1-4-9-15

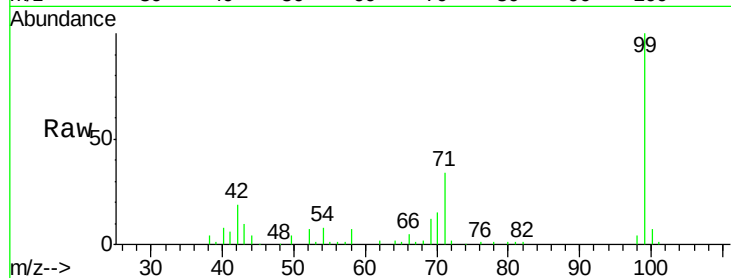
Tot Ion: 99 Resp: 95044

Ion Ratio Lower Upper

99 100

42 18.6 14.8 22.2

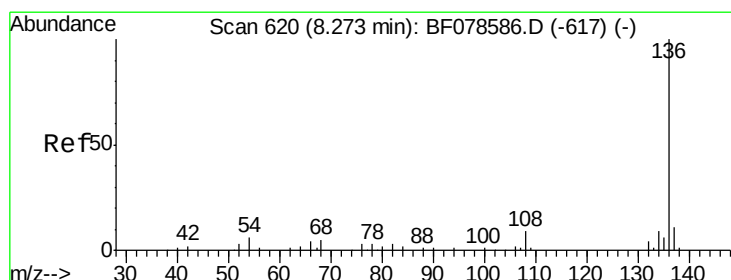
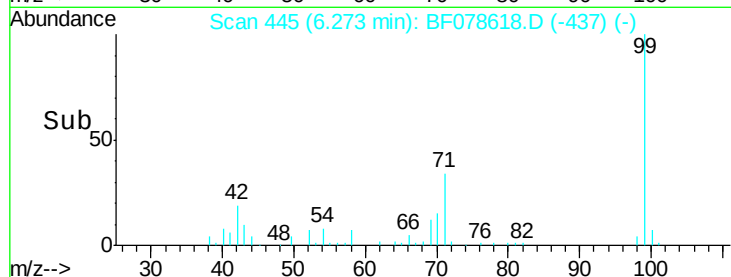
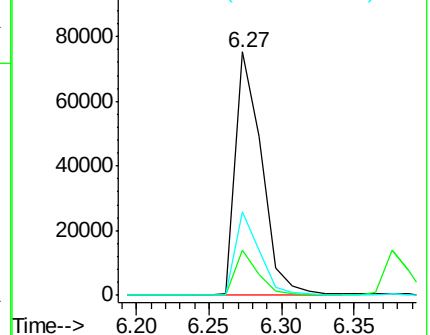
71 34.5 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

Tgt Ion: 136 Resp: 165965

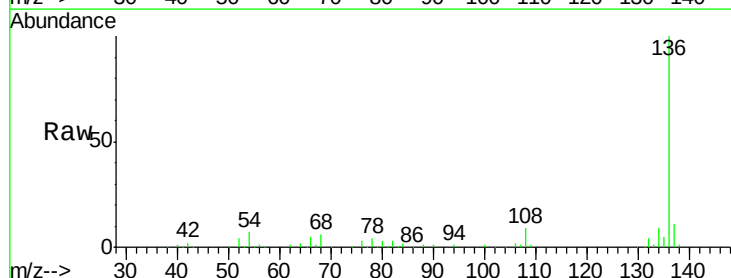
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.0 7.0 10.6

68 5.6 5.4 8.2

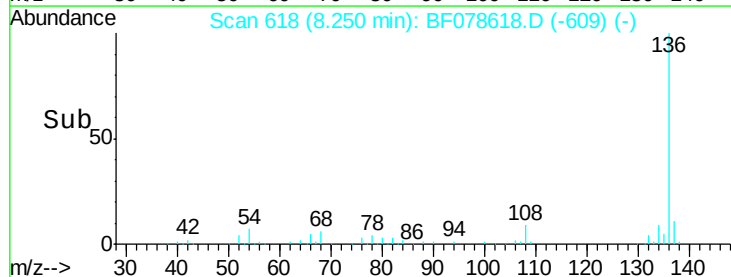
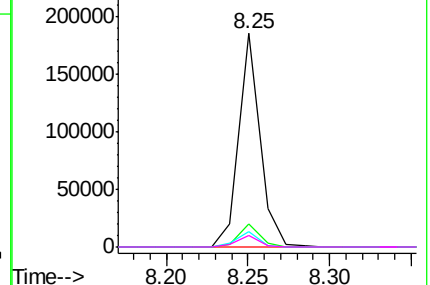


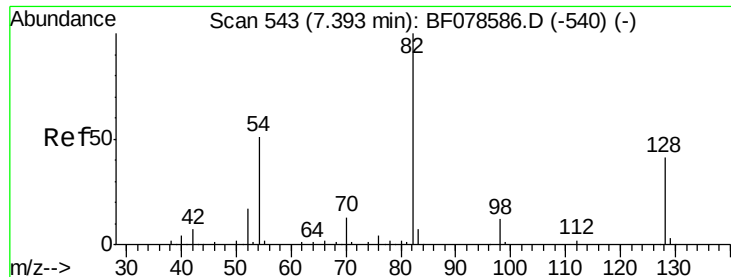
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 82.40 ng

RT: 7.38 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

Instrument :

BNA_F

ClientSampleId :

JAMAICAFIELDBLANK-1-4-9-15

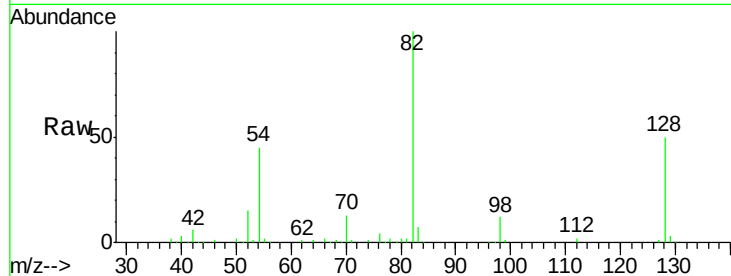
Tot Ion: 82 Resp: 225632

Ion Ratio Lower Upper

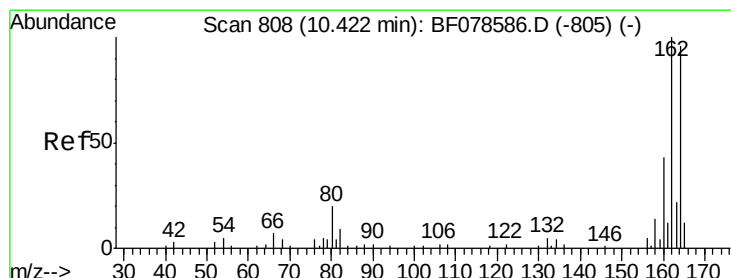
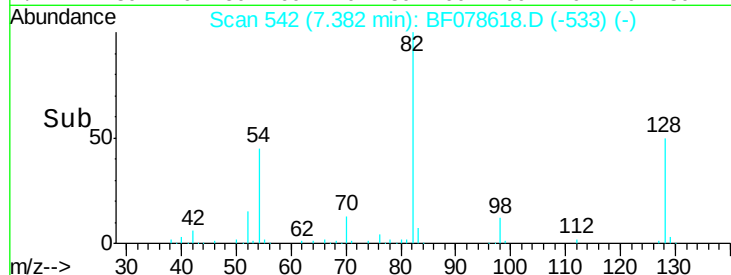
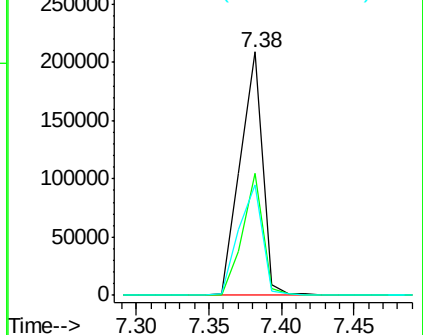
82 100

128 50.0 31.8 47.8#

54 45.4 41.5 62.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.40 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

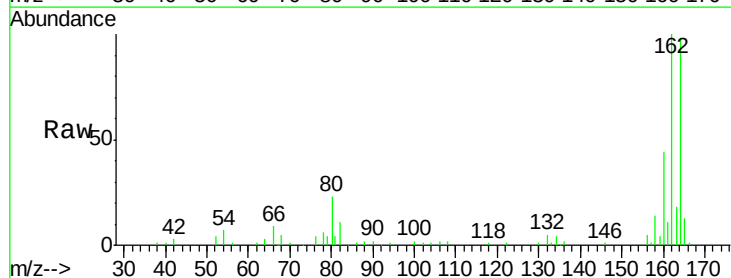
Tgt Ion:164 Resp: 81700

Ion Ratio Lower Upper

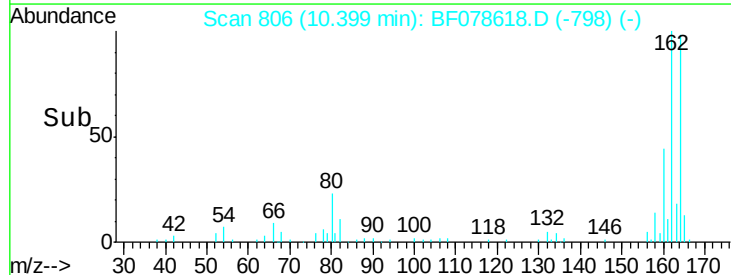
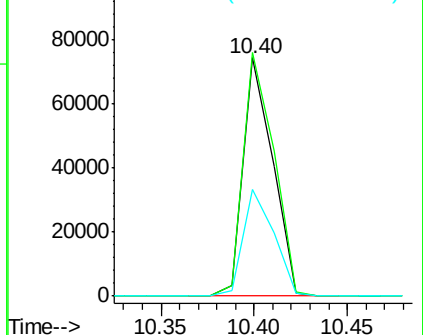
164 100

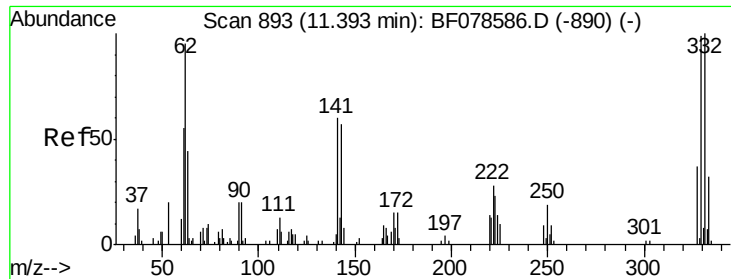
162 102.2 82.2 123.2

160 44.6 34.7 52.1



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: 147.25 ng

RT: 11.38 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

Instrument :

BNA_F

ClientSampleId :

JAMAICAFIELDBLANK-1-4-9-15

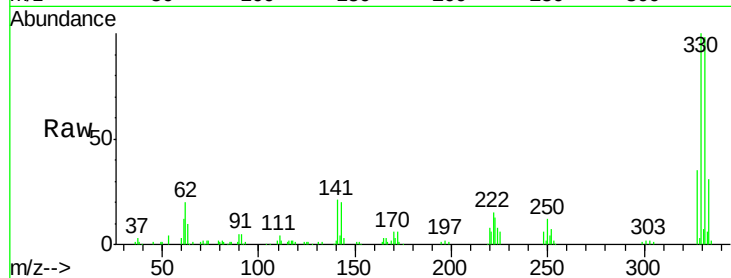
Tot Ion:330 Resp: 99775

Ion Ratio Lower Upper

330 100

332 97.9 78.6 117.8

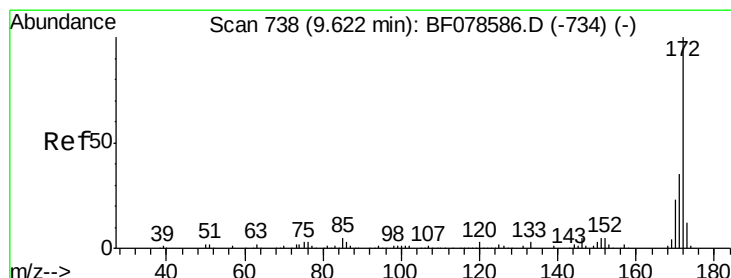
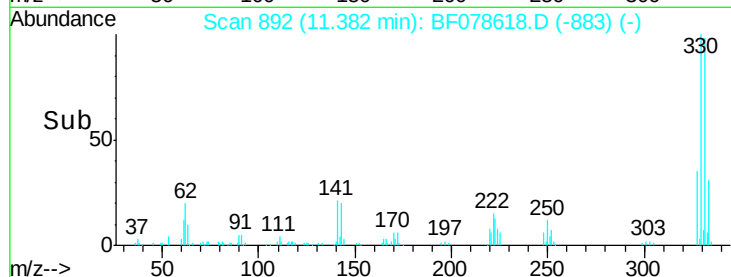
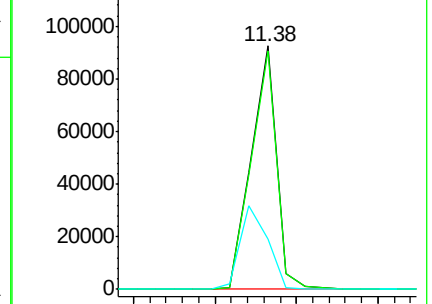
141 37.2 31.2 46.8



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: 79.87 ng

RT: 9.60 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

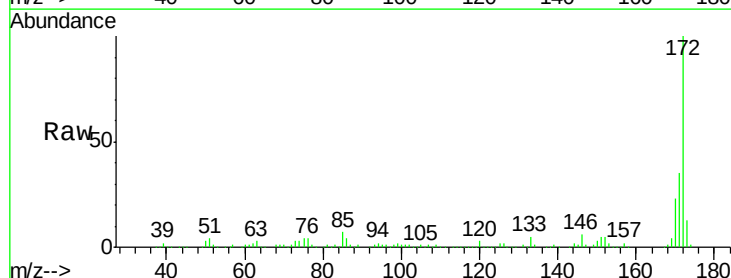
Tgt Ion:172 Resp: 456504

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

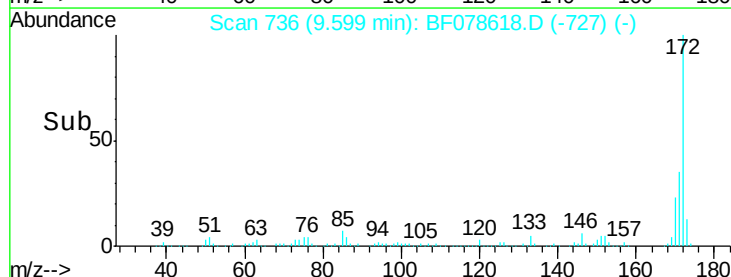
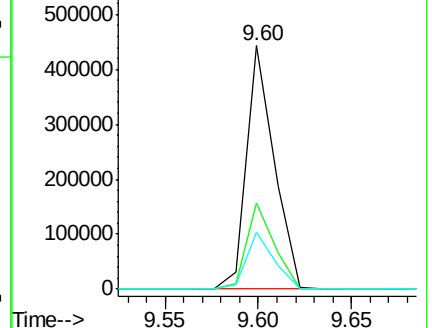
170 23.3 18.5 27.7

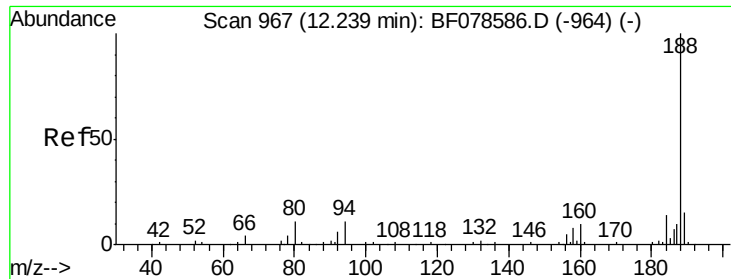


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

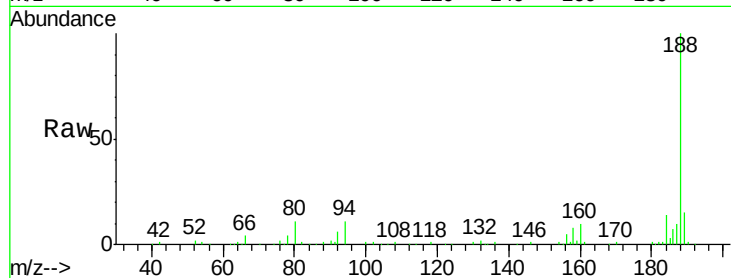




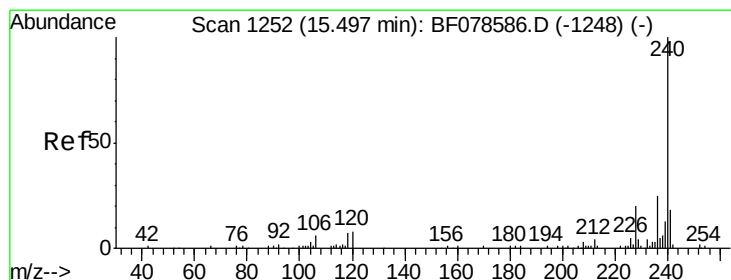
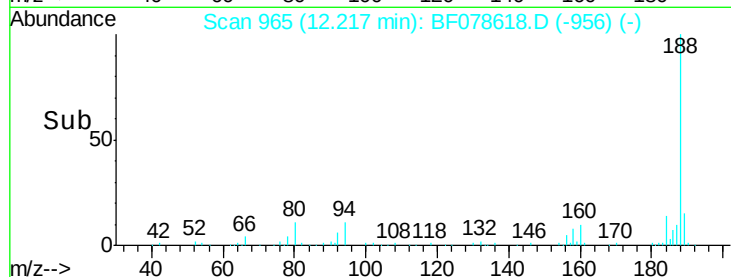
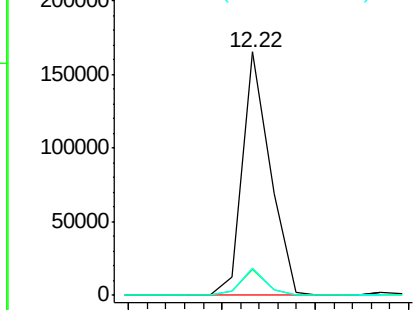
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.22 min Scan# 965
Delta R.T. 0.00 min
Lab File: BF078618.D
Acq: 17 Apr 2015 23:06

Instrument :
BNA_F
ClientSampleId :
JAMAICAFIELDBLANK-1-4-9-15

Tot Ion:188 Resp: 170774
Ion Ratio Lower Upper
188 100
94 10.6 9.0 13.4
80 11.2 9.5 14.3

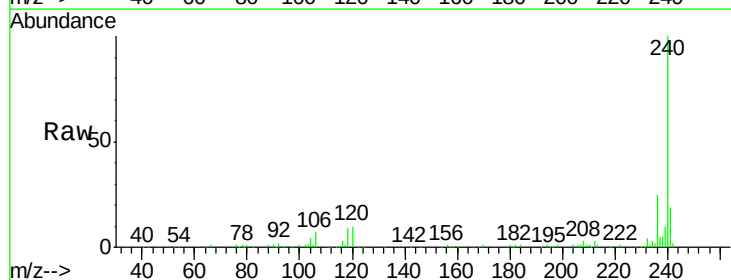


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

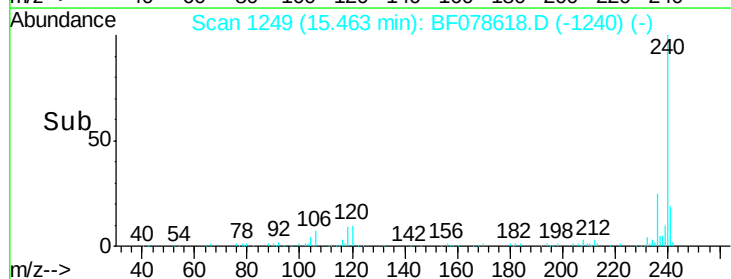
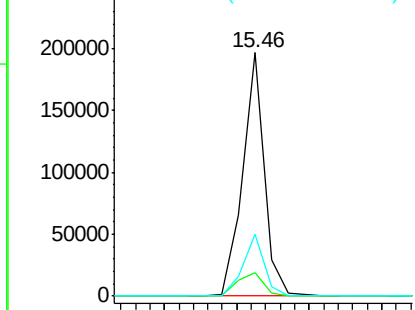


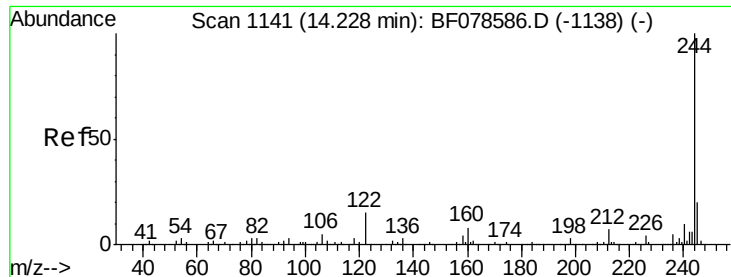
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF078618.D
Acq: 17 Apr 2015 23:06

Tgt Ion:240 Resp: 203645
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.2 21.4 32.2



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: 67.81 ng

RT: 14.21 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

Instrument :

BNA_F

ClientSampleId :

JAMAICAFIELDBLANK-1-4-9-15

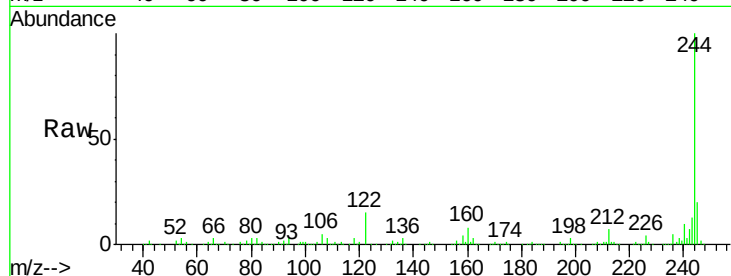
Tot Ion:244 Resp: 611125

Ion Ratio Lower Upper

244 100

212 6.9 5.0 7.4

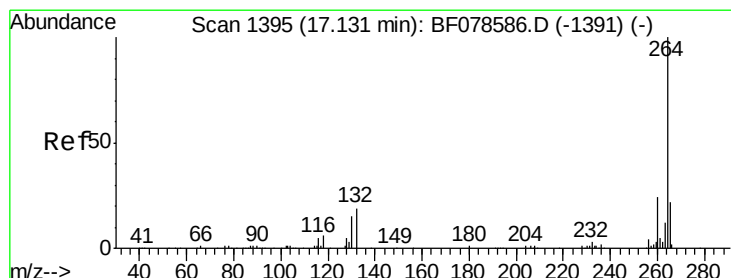
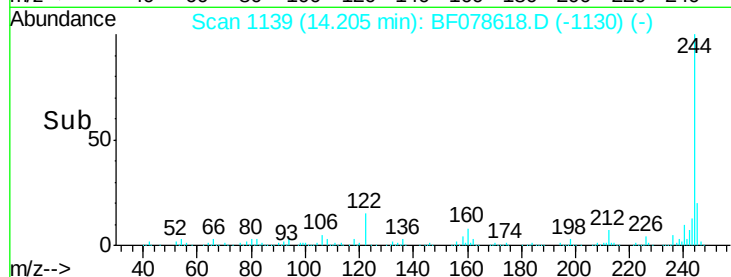
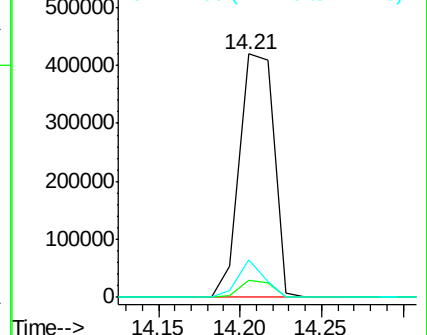
122 15.2 7.1 10.7#



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: 20.00 ng

RT: 17.12 min Scan# 1394

Delta R.T. -0.03 min

Lab File: BF078618.D

Acq: 17 Apr 2015 23:06

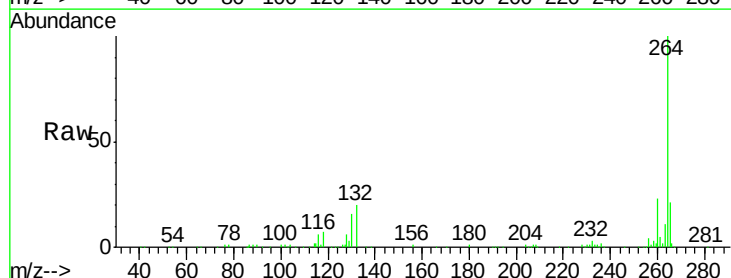
Tgt Ion:264 Resp: 205516

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 20.9 17.0 25.6



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

