

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
 Data File : BF078233.D
 Acq On : 3 Apr 2015 8:52
 Operator : TP/IZ
 Sample : G1731-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-4

Quant Time: Apr 03 11:57:19 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

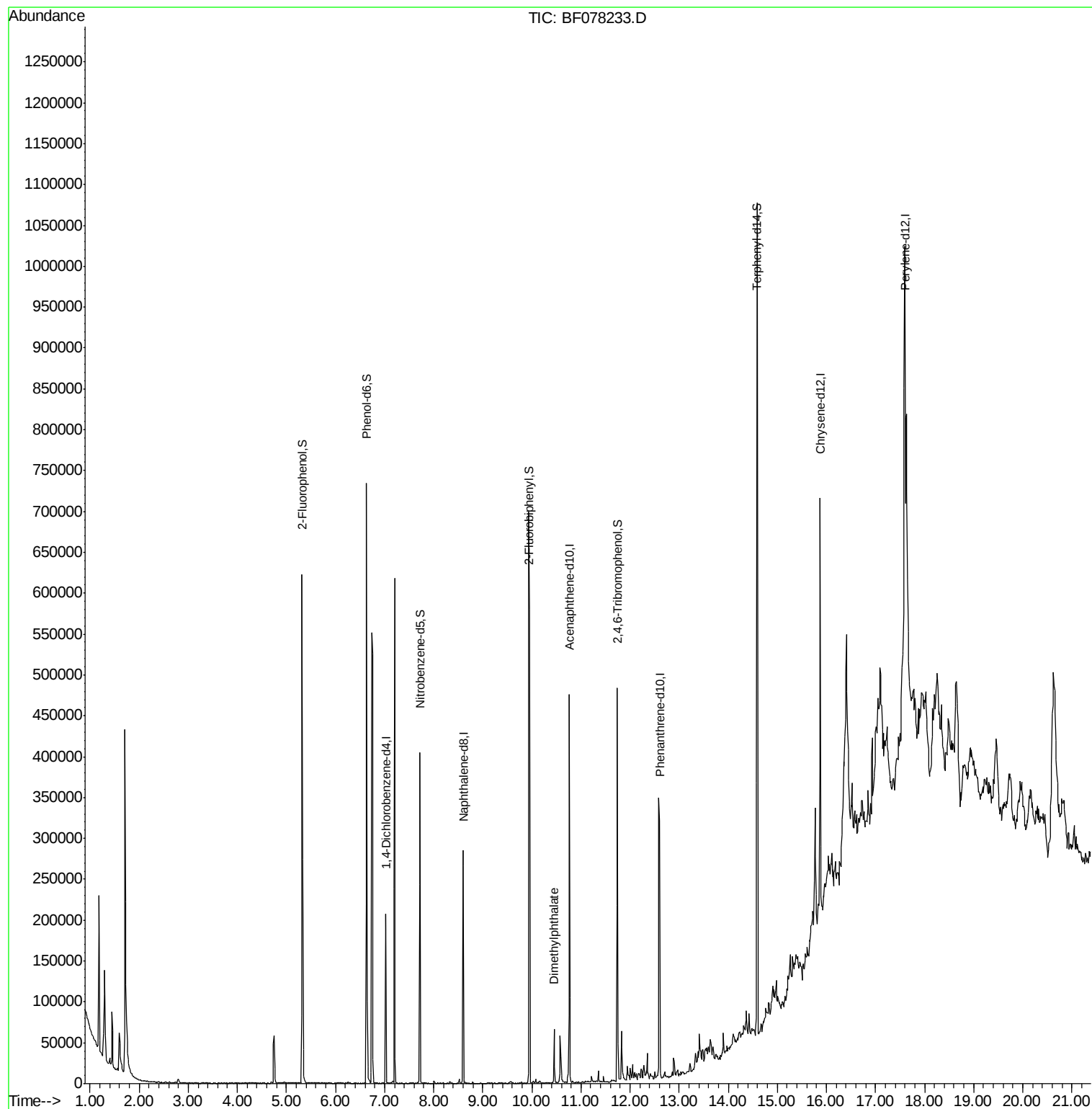
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	47133	20.00	ng	0.01
21) Naphthalene-d8	8.60	136	196146	20.00	ng	0.01
38) Acenaphthene-d10	10.76	164	100306	20.00	ng	0.00
63) Phenanthrene-d10	12.60	188	189154	20.00	ng	0.01
75) Chrysene-d12	15.87	240	201563	20.00	ng	0.00
86) Perylene-d12	17.60	264	195826	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	215977	75.55	ng	0.02
7) Phenol-d6	6.64	99	280386	78.26	ng	0.03
23) Nitrobenzene-d5	7.72	82	160255	49.52	ng	0.01
41) 2,4,6-Tribromophenol	11.74	330	60024	72.15	ng	0.00
44) 2-Fluorobiphenyl	9.95	172	316280	45.07	ng	0.01
78) Terphenyl-d14	14.59	244	350791	39.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.45	163	29799	3.95	ng	Qvalue 100

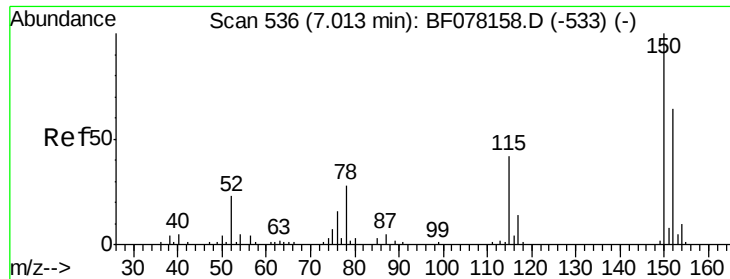
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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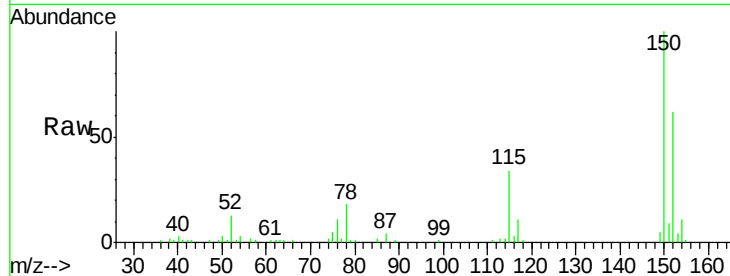


#1

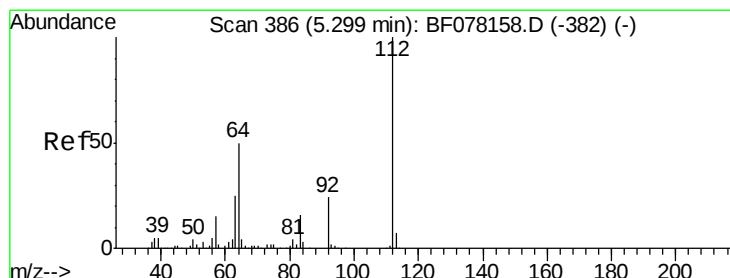
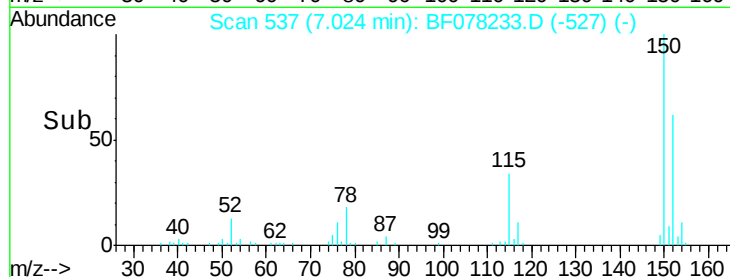
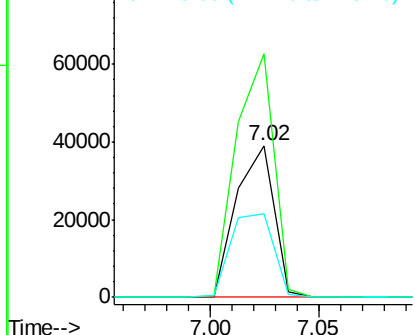
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 537
Delta R.T. 0.01 min
Lab File: BF078233.D
Acq: 3 Apr 2015 8:52

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tot Ion:152 Resp: 47133
Ion Ratio Lower Upper
152 100
150 160.2 125.9 188.9
115 54.9 52.7 79.1



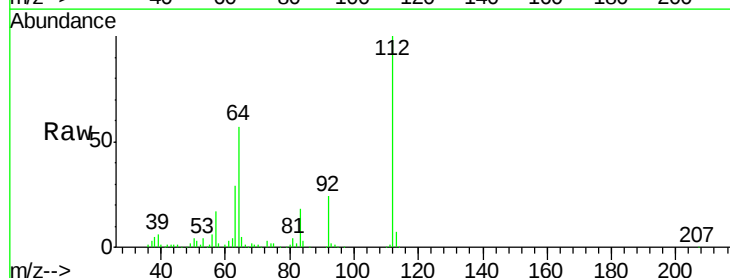
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



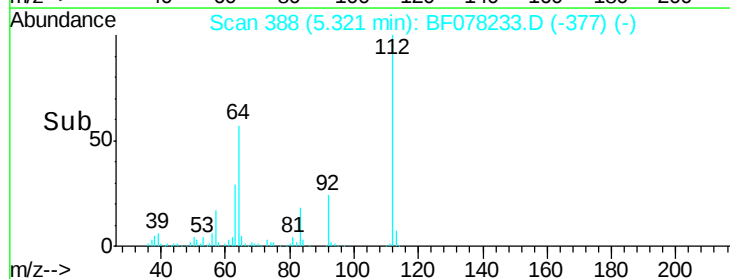
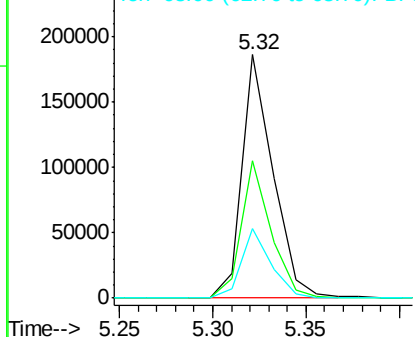
#5

2-Fluorophenol
Concen: 75.55 ng
RT: 5.32 min Scan# 388
Delta R.T. 0.02 min
Lab File: BF078233.D
Acq: 3 Apr 2015 8:52

Tgt Ion:112 Resp: 215977
Ion Ratio Lower Upper
112 100
64 56.7 39.9 59.9
63 28.7 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: 78.26 ng

RT: 6.64 min Scan# 503

Delta R.T. 0.03 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

Instrument :

BNA_F

ClientSampleId :

COMP-4

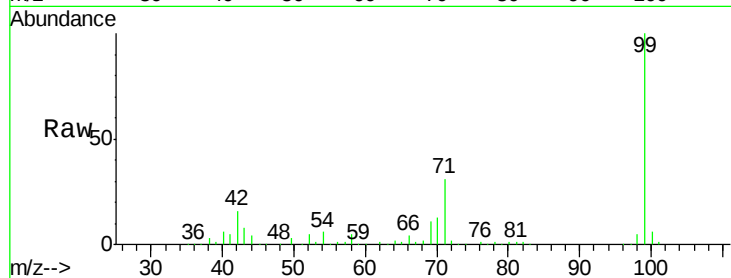
Tot Ion: 99 Resp: 280386

Ion Ratio Lower Upper

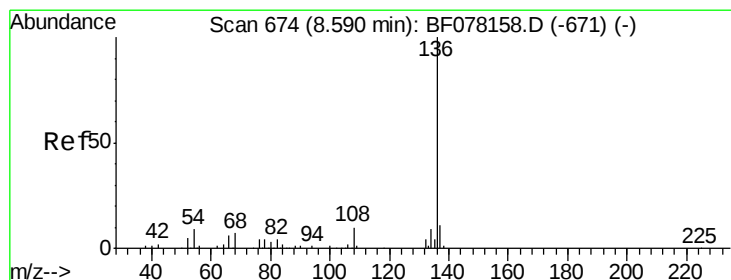
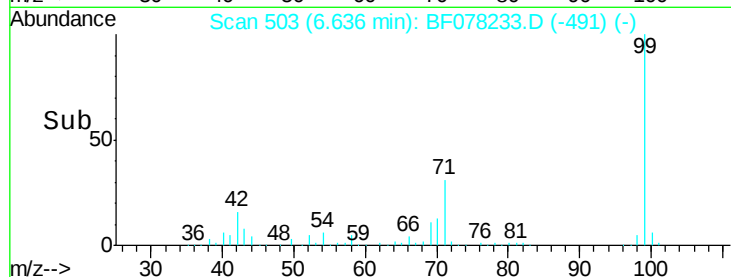
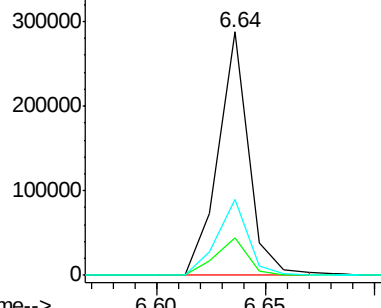
99 100

42 15.6 14.8 22.2

71 31.1 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: 8.60 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

Tgt Ion: 136 Resp: 196146

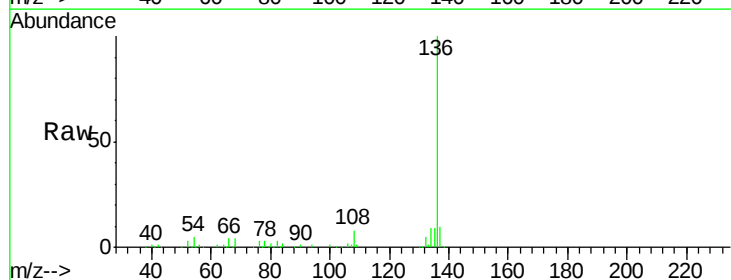
Ion Ratio Lower Upper

136 100

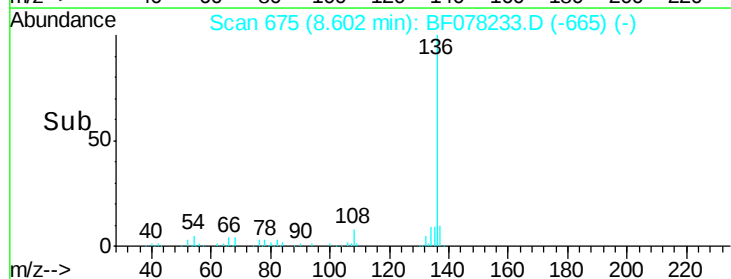
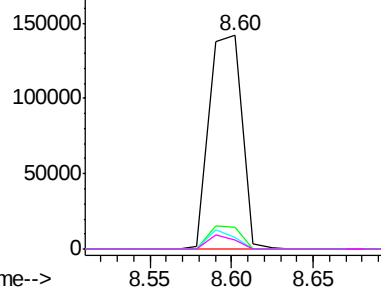
137 10.3 9.0 13.4

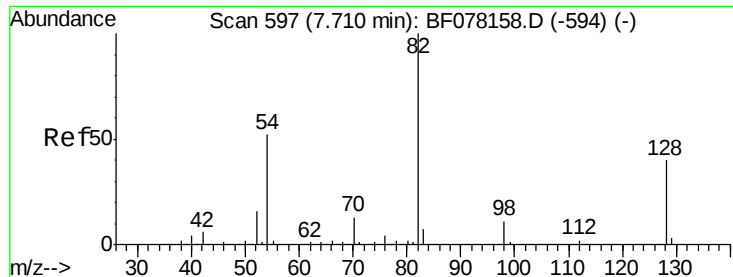
54 5.3 7.0 10.6#

68 4.4 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

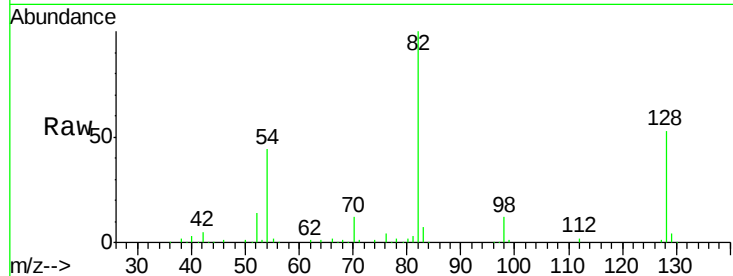




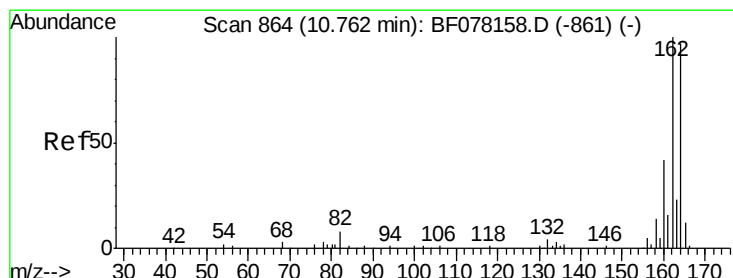
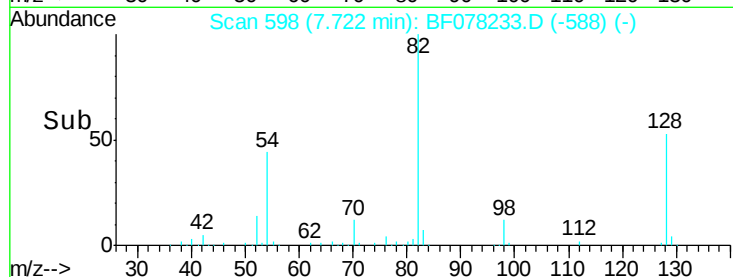
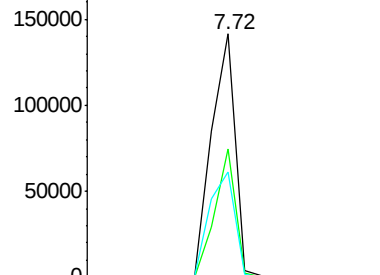
#23
 Nitrobenzene-d5
 Concen: 49.52 ng
 RT: 7.72 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF078233.D
 Acq: 3 Apr 2015 8:52

Instrument :
 BNA_F
 ClientSampleID :
 COMP-4

Tot Ion: 82 Resp: 160255
 Ion Ratio Lower Upper
 82 100
 128 52.6 31.8 47.8#
 54 43.5 41.5 62.3

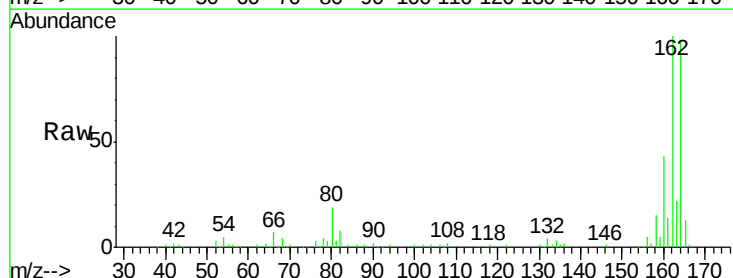


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

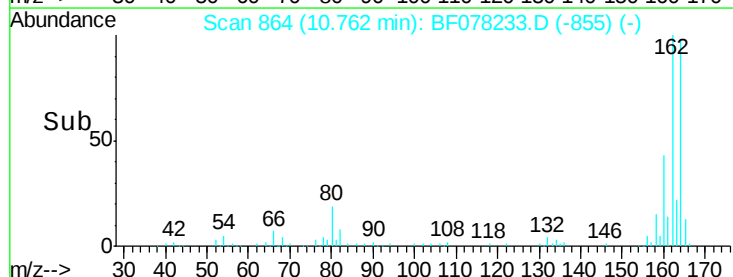
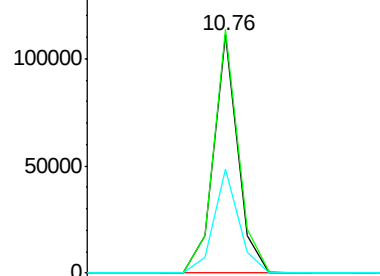


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: BF078233.D
 Acq: 3 Apr 2015 8:52

Tgt Ion:164 Resp: 100306
 Ion Ratio Lower Upper
 164 100
 162 102.2 82.2 123.2
 160 43.5 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: 72.15 ng

RT: 11.74 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

Instrument :

BNA_F

ClientSampled :

COMP-4

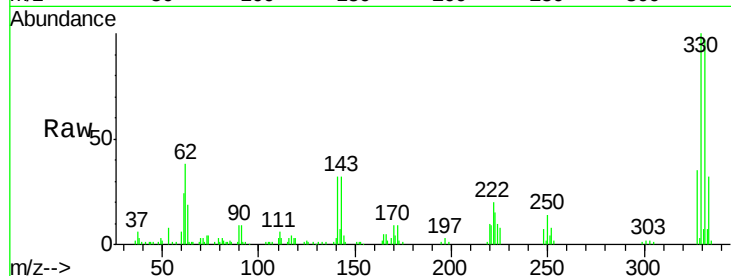
Tot Ion:330 Resp: 60024

Ion Ratio Lower Upper

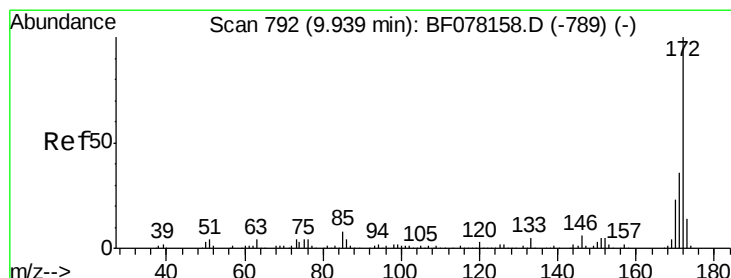
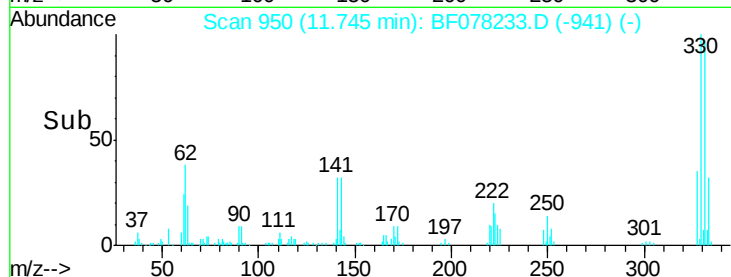
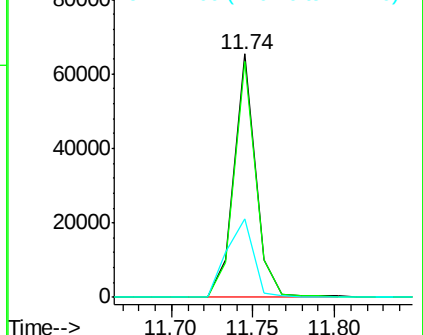
330 100

332 96.9 78.6 117.8

141 39.7 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: 45.07 ng

RT: 9.95 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

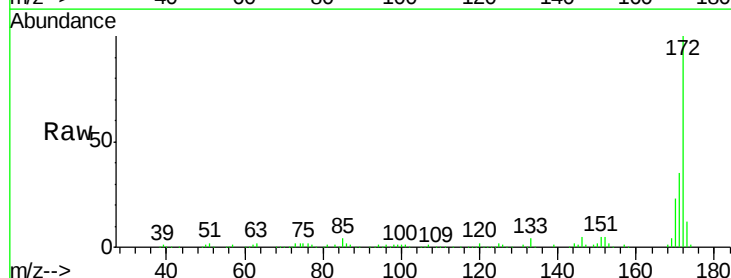
Tgt Ion:172 Resp: 316280

Ion Ratio Lower Upper

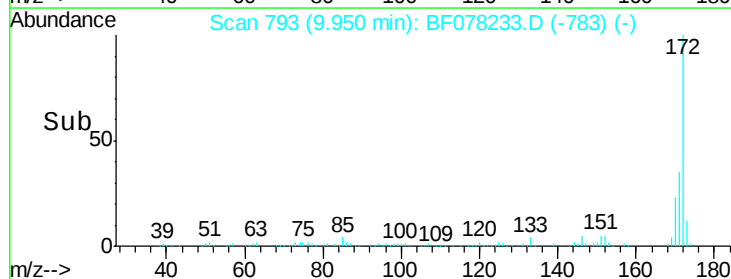
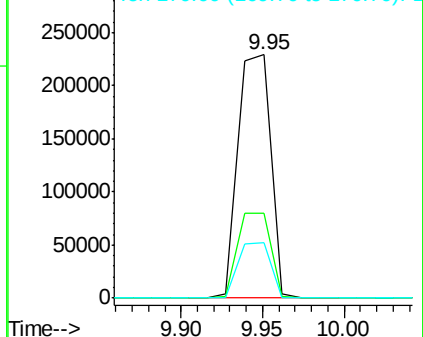
172 100

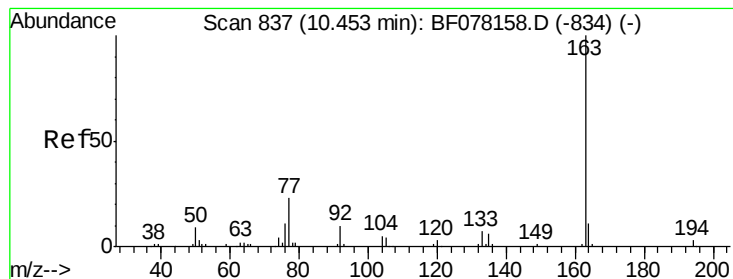
171 35.1 28.6 42.8

170 22.8 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





#49

Dimethylphthalate

Concen: 3.95 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

Instrument :

BNA_F

ClientSampleId :

COMP-4

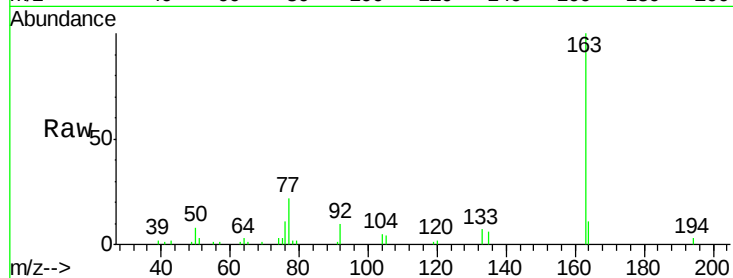
Tot Ion:163 Resp: 29799

Ion Ratio Lower Upper

163 100

194 3.2 2.3 3.5

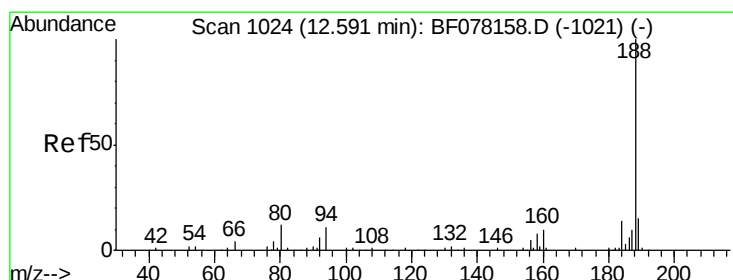
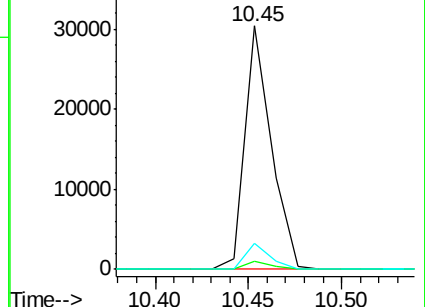
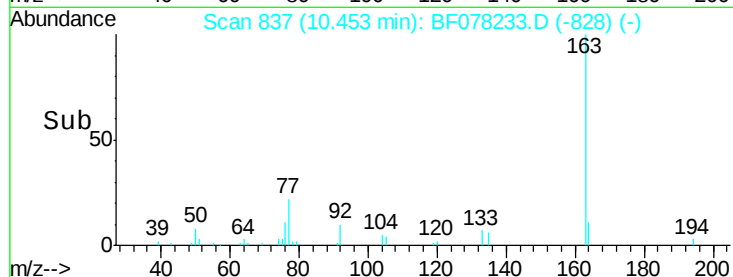
164 10.8 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1025

Delta R.T. 0.01 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

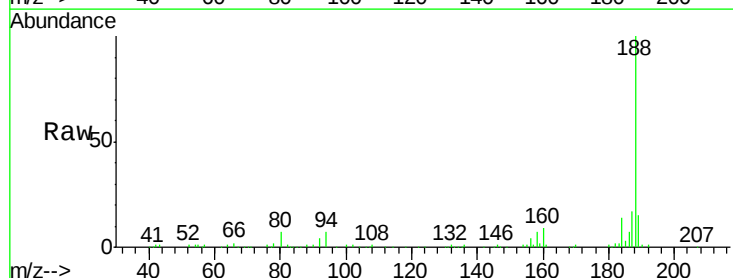
Tgt Ion:188 Resp: 189154

Ion Ratio Lower Upper

188 100

94 6.7 9.0 13.4#

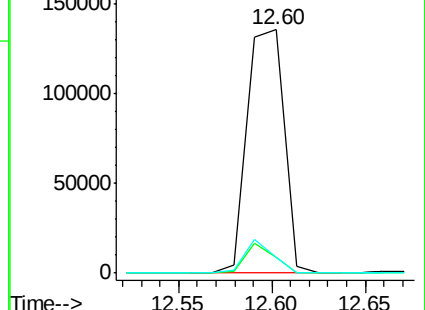
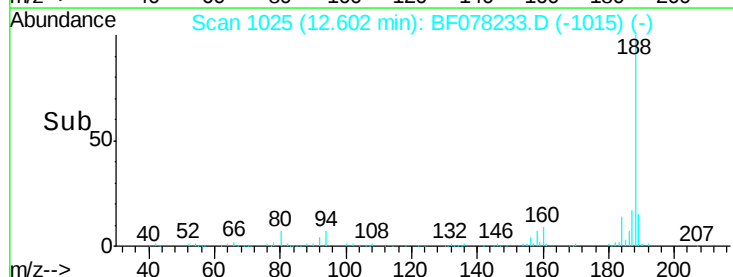
80 6.7 9.5 14.3#

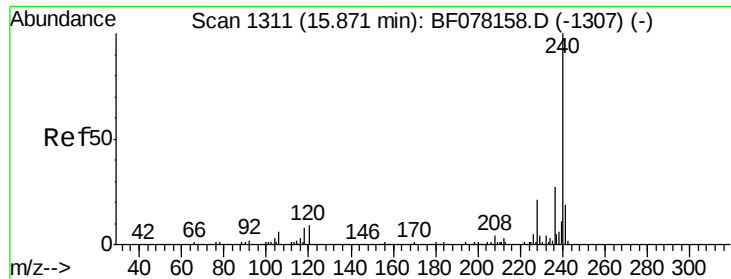


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.87 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

Instrument :

BNA_F

ClientSampled :

COMP-4

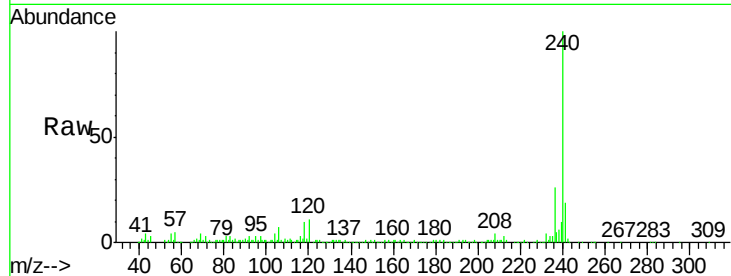
Tot Ion:240 Resp: 201563

Ion Ratio Lower Upper

240 100

120 11.0 7.1 10.7#

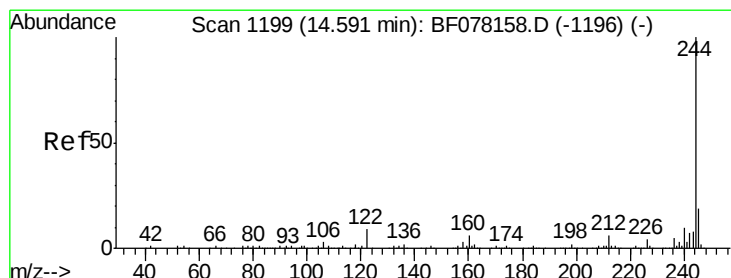
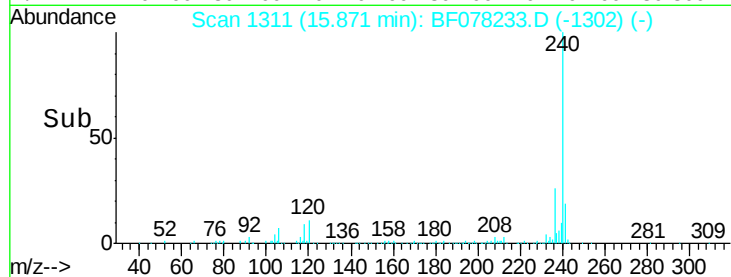
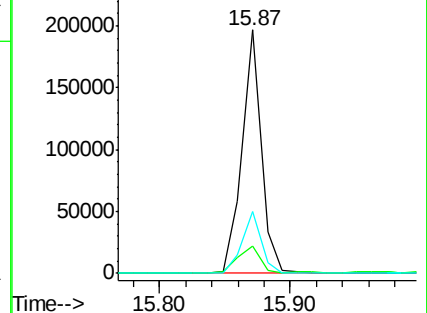
236 25.5 21.4 32.2



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: 39.33 ng

RT: 14.59 min Scan# 1199

Delta R.T. -0.00 min

Lab File: BF078233.D

Acq: 3 Apr 2015 8:52

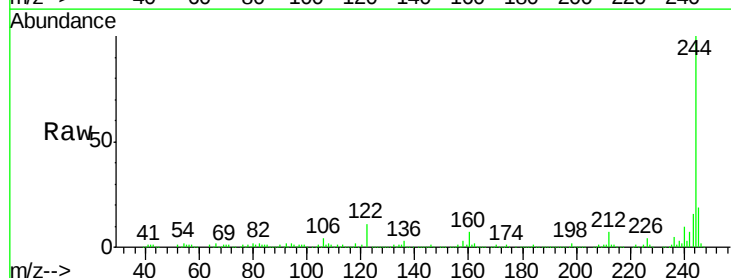
Tgt Ion:244 Resp: 350791

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

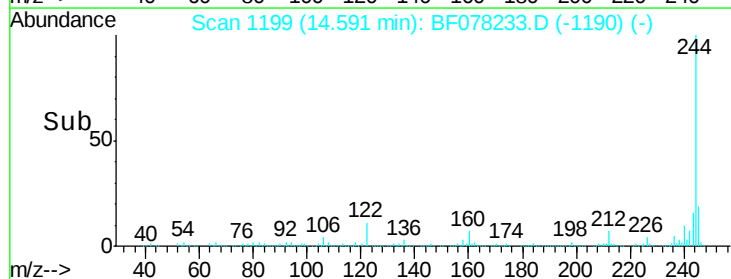
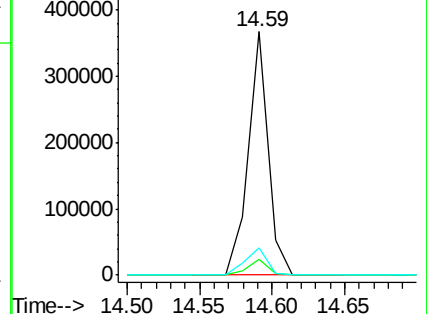
122 11.4 7.1 10.7#

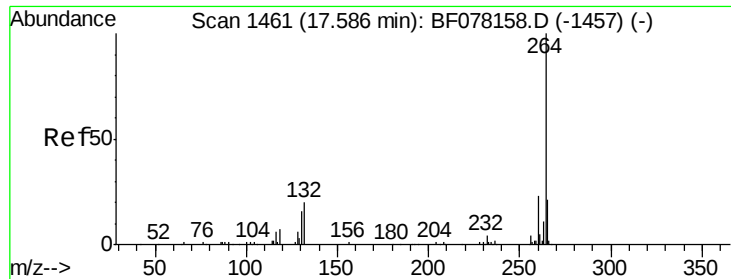


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.60 min Scan# 1462
Delta R.T. 0.01 min
Lab File: BF078233.D
Acq: 3 Apr 2015 8:52

Instrument :
BNA_F
ClientSampleId :
COMP-4

Tot Ion: 264 Resp: 195826
Ion Ratio Lower Upper
264 100
260 23.3 18.6 27.8
265 21.2 17.0 25.6

