

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
 Data File : BF078656.D
 Acq On : 20 Apr 2015 21:15
 Operator : TP/IZ
 Sample : G1936-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Quant Time: Apr 21 01:10:23 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 00:52:21 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	37291	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	148303	20.00	ng	0.00
38) Acenaphthene-d10	11.20	164	76278	20.00	ng	-0.01
63) Phenanthrene-d10	13.94	188	154714	20.00	ng	0.00
75) Chrysene-d12	17.79	240	162622	20.00	ng	-0.01
86) Perylene-d12	19.51	264	153129	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	3.87	112	101529	44.89	ng	0.00
7) Phenol-d6	5.36	99	79927	28.20	ng	0.00
23) Nitrobenzene-d5	6.80	82	201588	82.39	ng	0.00
41) 2,4,6-Tribromophenol	12.67	330	93733	148.17	ng	-0.01
44) 2-Fluorobiphenyl	10.03	172	447768	83.91	ng	0.00
78) Terphenyl-d14	16.47	244	545969	75.86	ng	0.00

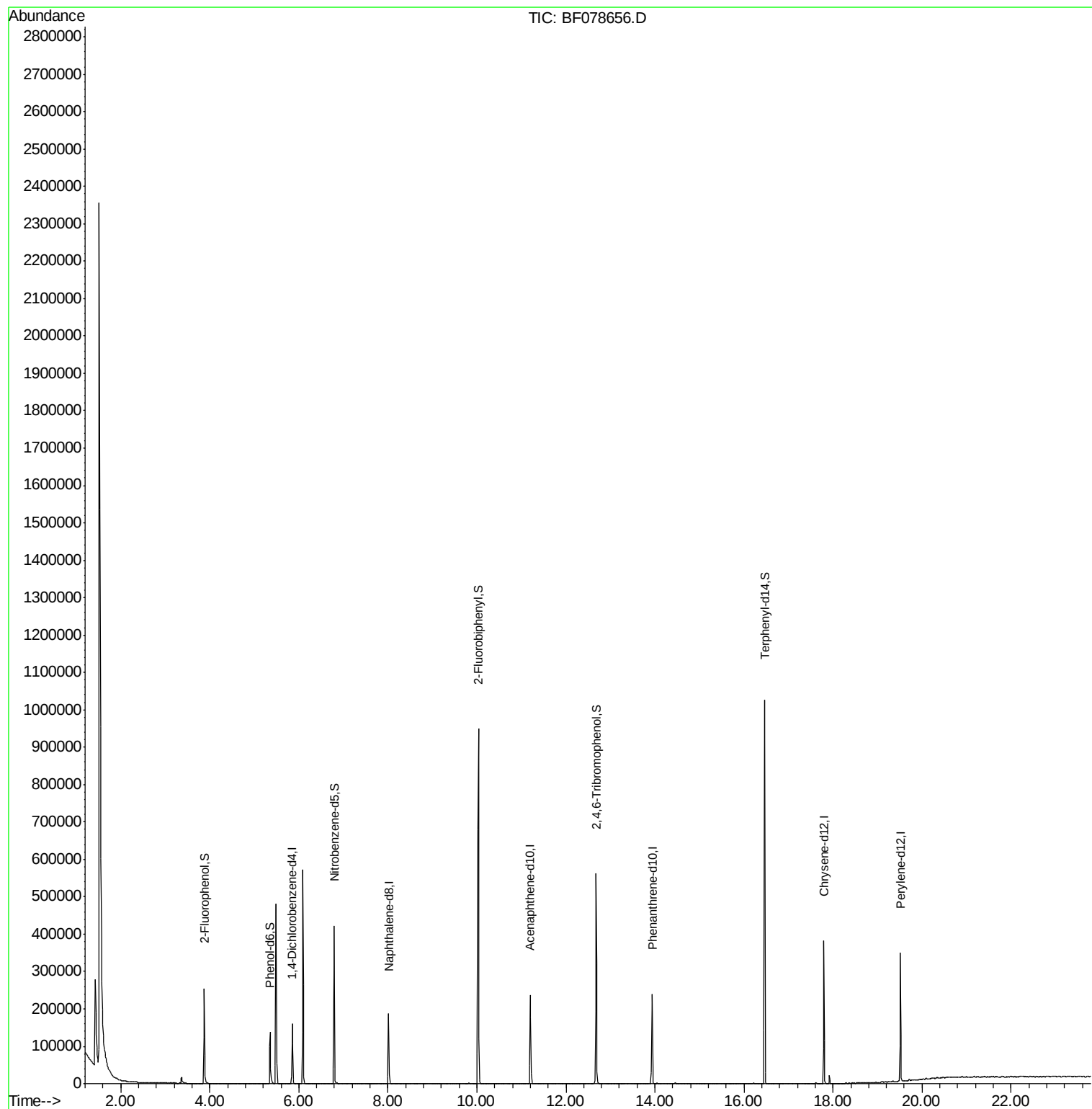
Target Compounds Qvalue

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

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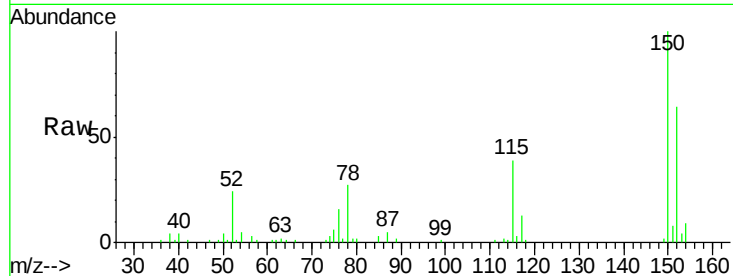


#1

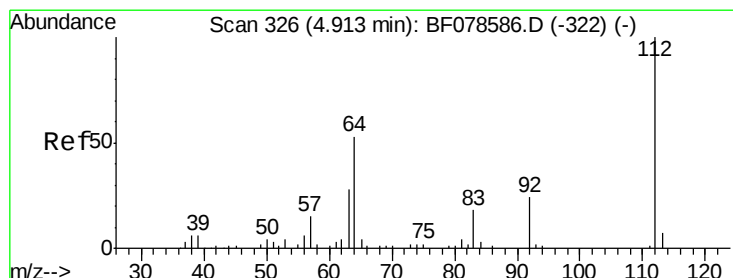
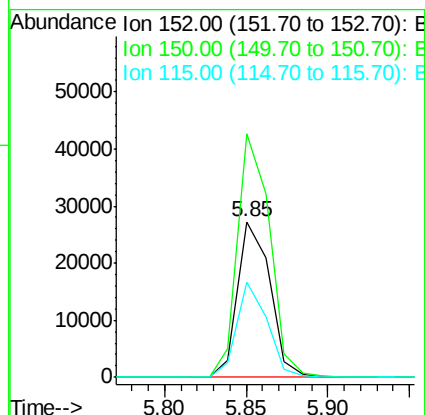
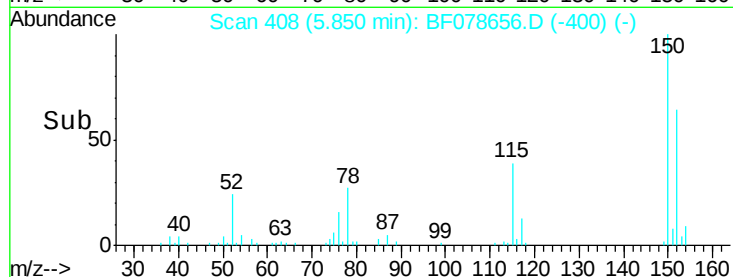
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 408
Delta R.T. -0.01 min
Lab File: BF078656.D
Acq: 20 Apr 2015 21:15

Instrument :
BNA_F
ClientSampled :
MW-08

Tot Ion:152 Resp: 37291
Ion Ratio Lower Upper
152 100
150 156.7 125.9 188.9
115 61.6 52.7 79.1



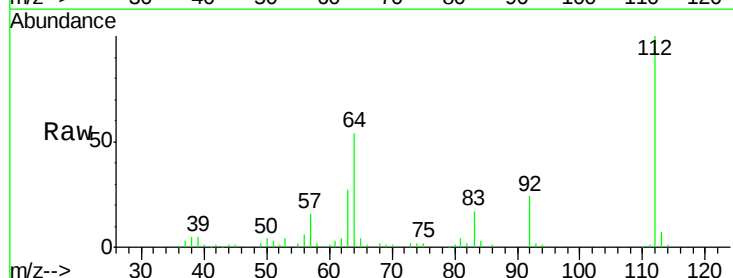
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



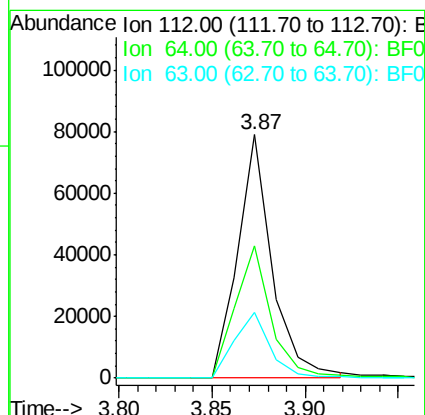
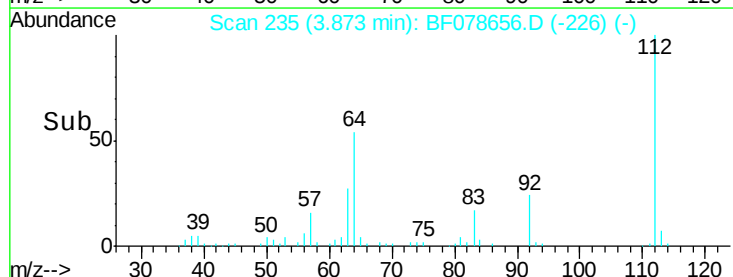
#5

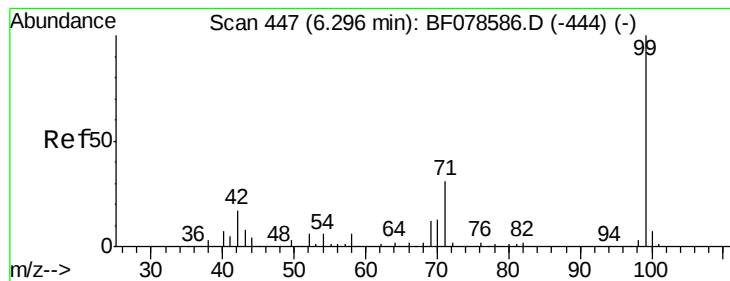
2-Fluorophenol
Concen: 44.89 ng
RT: 3.87 min Scan# 235
Delta R.T. 0.00 min
Lab File: BF078656.D
Acq: 20 Apr 2015 21:15

Tgt Ion:112 Resp: 101529
Ion Ratio Lower Upper
112 100
64 54.2 39.9 59.9
63 26.8 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: 28.20 ng

RT: 5.36 min Scan# 365

Delta R.T. 0.00 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

Instrument :

BNA_F

ClientSampleId :

MW-08

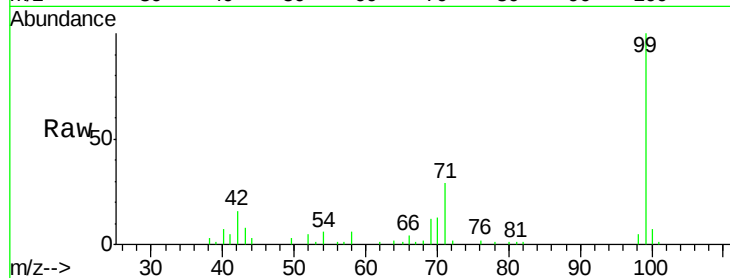
Tot Ion: 99 Resp: 79927

Ion Ratio Lower Upper

99 100

42 15.6 14.8 22.2

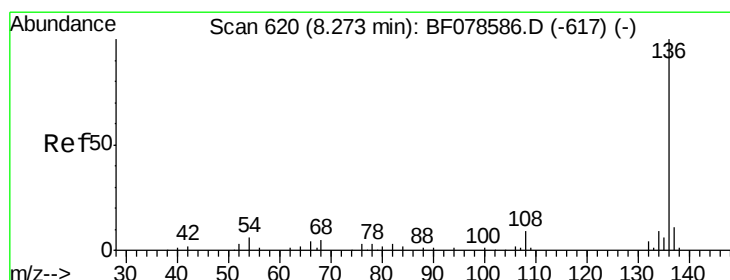
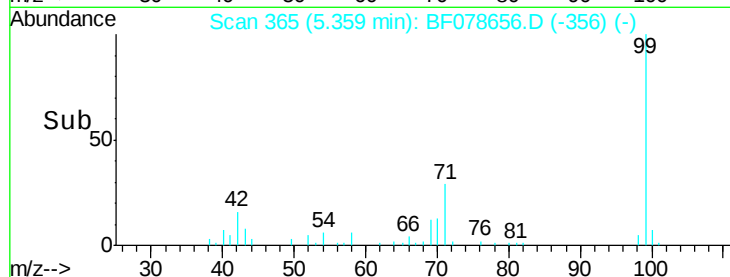
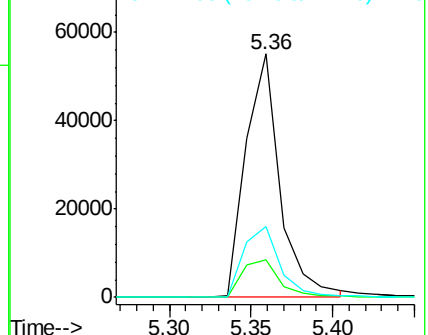
71 29.3 26.6 39.8



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: 8.02 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

Tgt Ion: 136 Resp: 148303

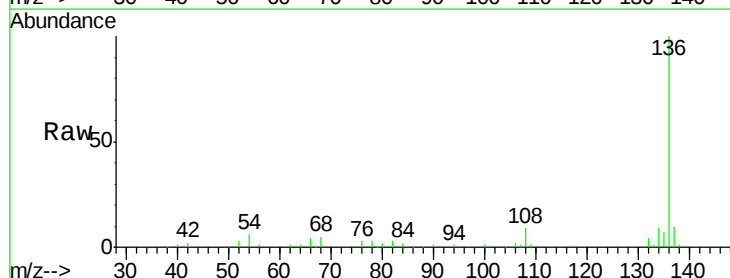
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 6.2 7.0 10.6#

68 4.6 5.4 8.2#

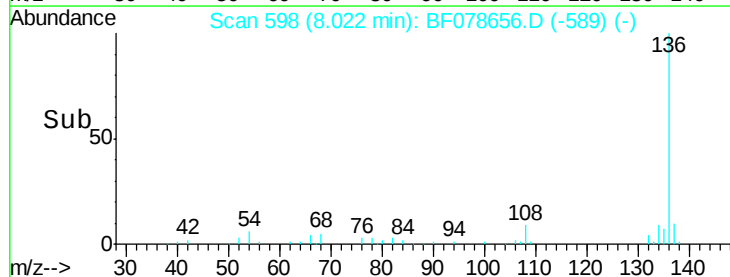
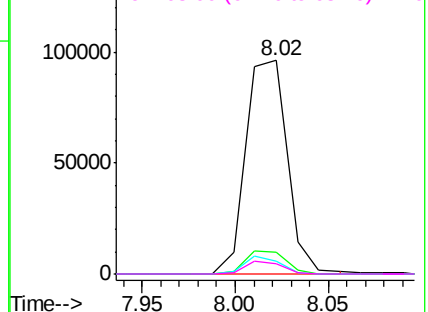


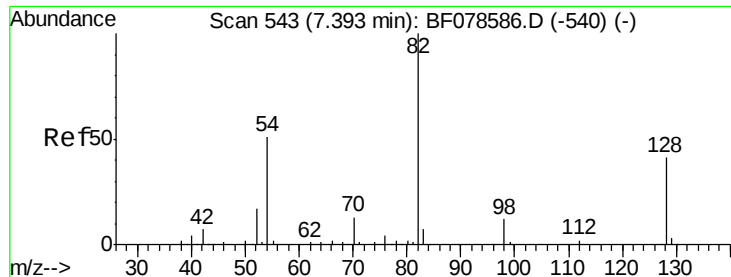
Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.39 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

Instrument :

BNA_F

ClientSampled :

MW-08

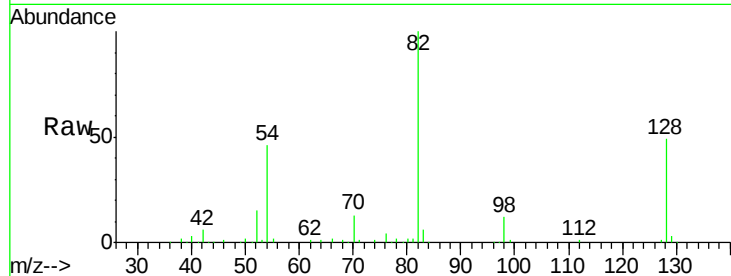
Tot Ion: 82 Resp: 201588

Ion Ratio Lower Upper

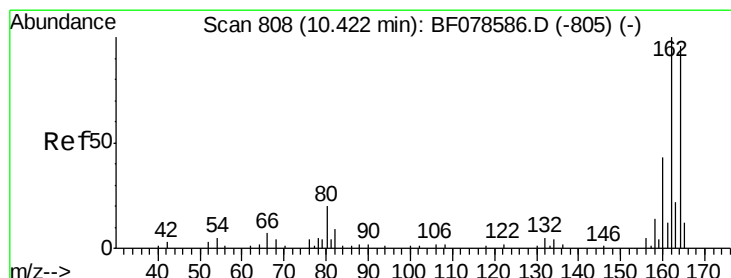
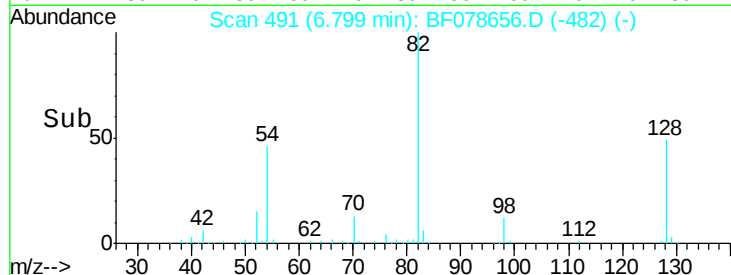
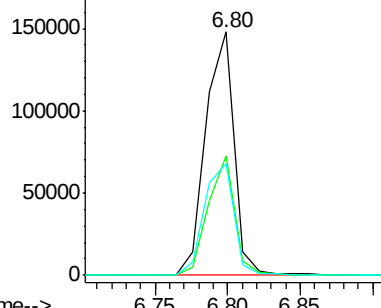
82 100

128 49.2 31.8 47.8#

54 46.1 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: 11.20 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

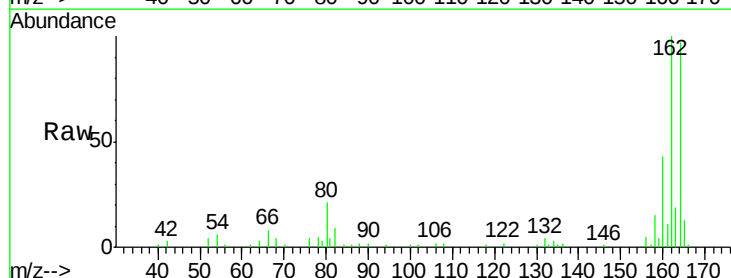
Tgt Ion:164 Resp: 76278

Ion Ratio Lower Upper

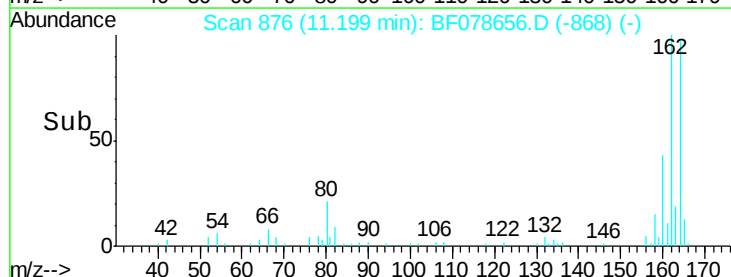
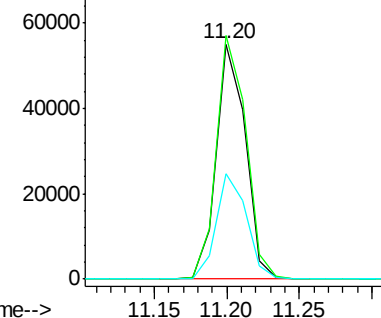
164 100

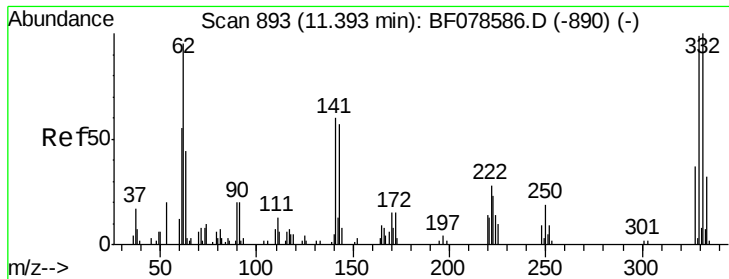
162 103.5 82.2 123.2

160 44.7 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

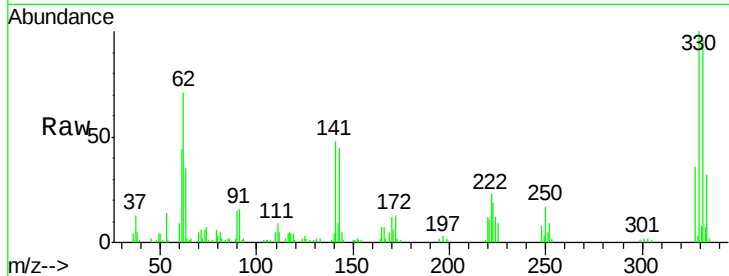




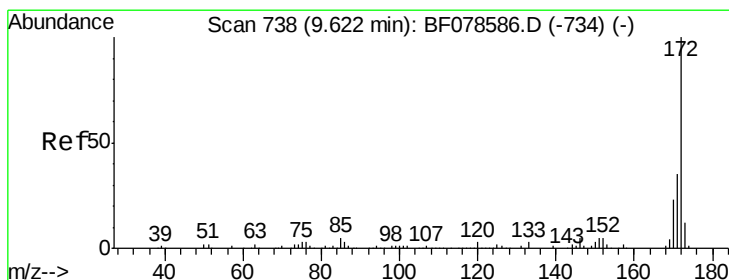
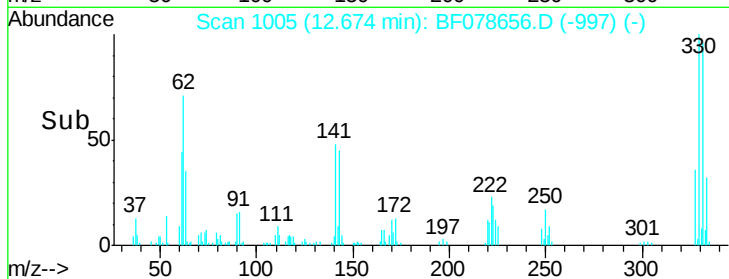
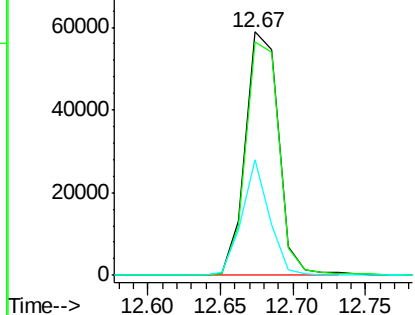
#41
 2,4,6-Tribromophenol
 Concen: 148.17 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF078656.D
 Acq: 20 Apr 2015 21:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.6	117.8
141	39.3	31.2	46.8

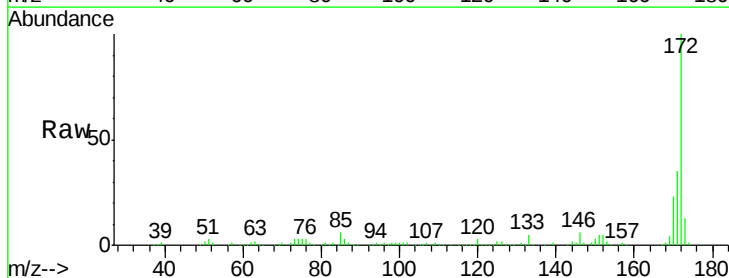


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

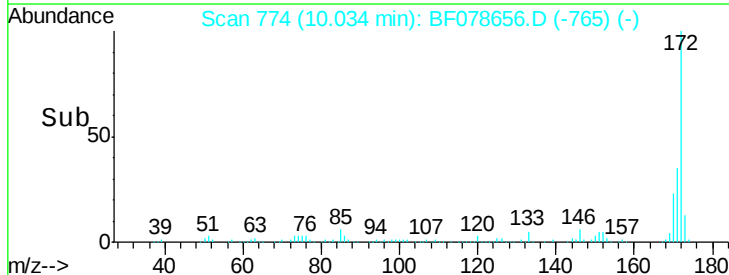
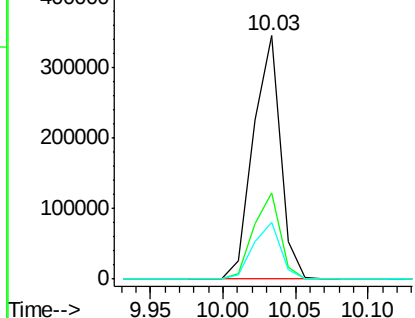


#44
 2-Fluorobiphenyl
 Concen: 83.91 ng
 RT: 10.03 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF078656.D
 Acq: 20 Apr 2015 21:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	42.8
170	23.5	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

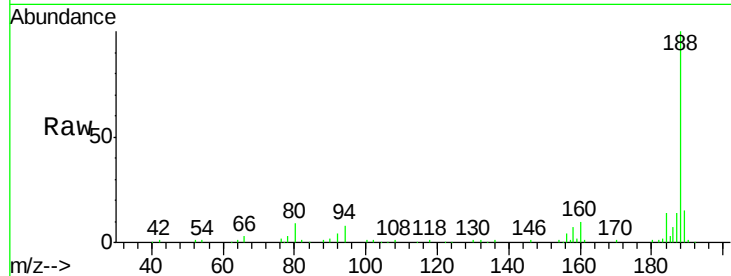




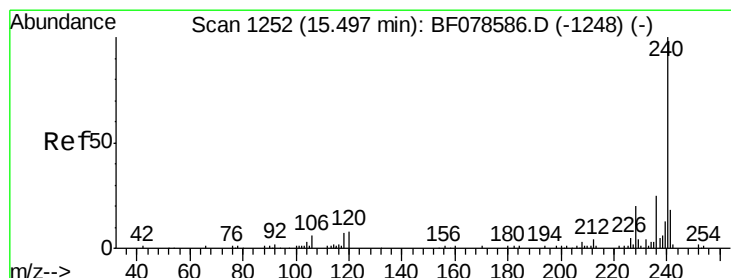
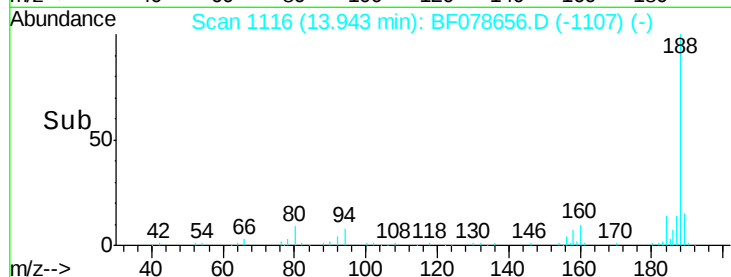
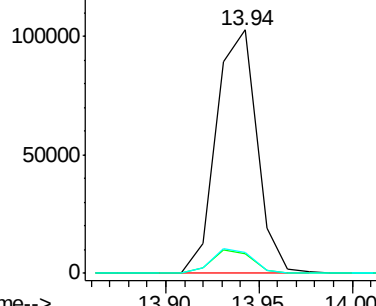
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.94 min Scan# 1116
Delta R.T. 0.00 min
Lab File: BF078656.D
Acq: 20 Apr 2015 21:15

Instrument :
BNA_F
ClientSampleId :
MW-08

Tot Ion:188 Resp: 154714
Ion Ratio Lower Upper
188 100
94 8.0 9.0 13.4#
80 8.6 9.5 14.3#

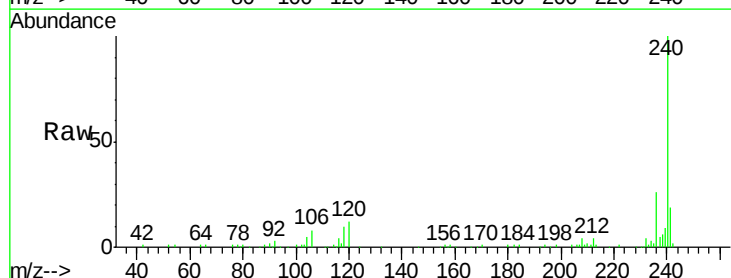


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

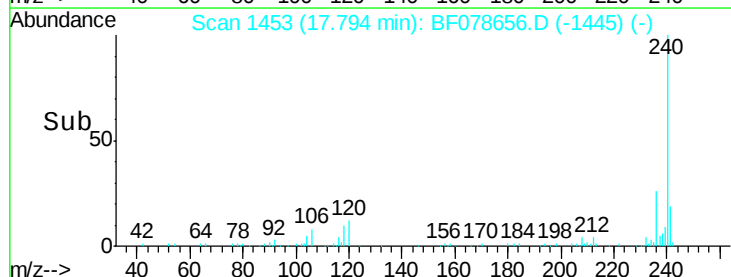
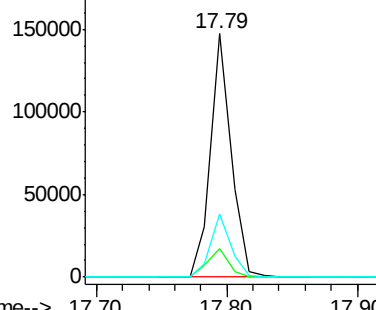


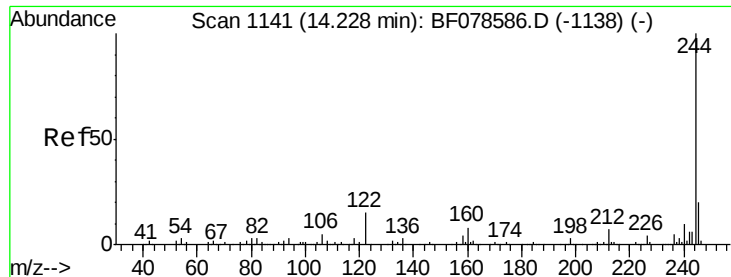
#75
Chrysene-d12
Concen: 20.00 ng
RT: 17.79 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF078656.D
Acq: 20 Apr 2015 21:15

Tgt Ion:240 Resp: 162622
Ion Ratio Lower Upper
240 100
120 11.9 7.1 10.7#
236 25.7 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: 75.86 ng

RT: 16.47 min Scan# 1337

Delta R.T. 0.00 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

Instrument :

BNA_F

ClientSampleId :

MW-08

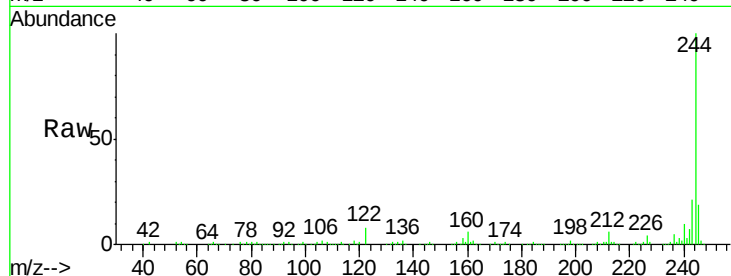
Tot Ion:244 Resp: 545969

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

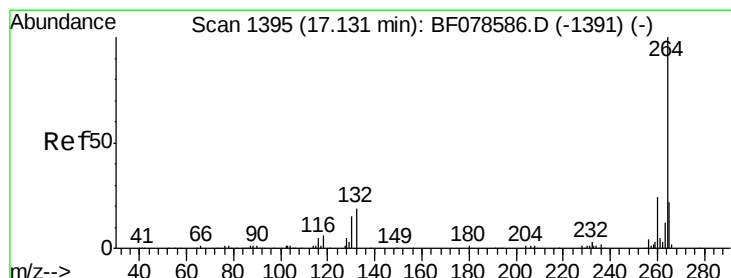
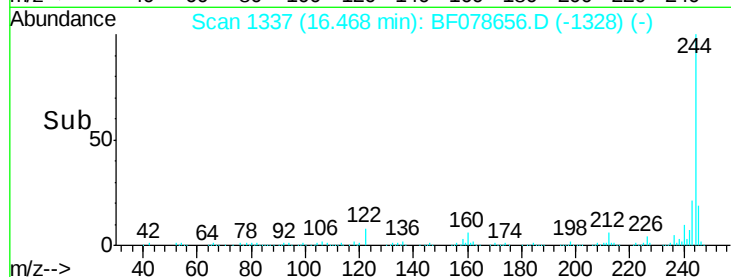
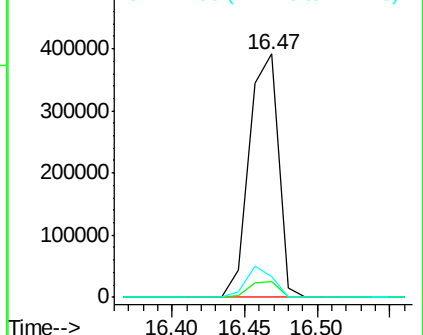
122 8.5 7.1 10.7



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: 19.51 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BF078656.D

Acq: 20 Apr 2015 21:15

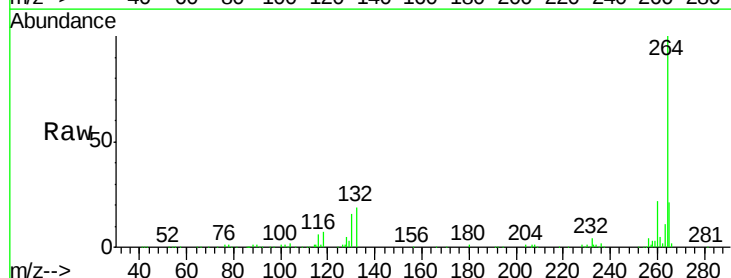
Tgt Ion:264 Resp: 153129

Ion Ratio Lower Upper

264 100

260 22.3 18.6 27.8

265 21.2 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

