

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061015\
 Data File : BF079874.D
 Acq On : 10 Jun 2015 19:44
 Operator : TP/IZ
 Sample : G2523-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-6-3-15

Quant Time: Jun 11 02:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 00:53:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	52796	20.00	ng	0.00
21) Naphthalene-d8	8.71	136	213429	20.00	ng	0.00
38) Acenaphthene-d10	10.48	164	108464	20.00	ng	-0.01
63) Phenanthrene-d10	11.99	188	219764	20.00	ng	-0.01
75) Chrysene-d12	14.91	240	222614	20.00	ng	-0.16
86) Perylene-d12	16.80	264	207799	20.00	ng	-0.23
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	170539	53.23	ng	0.00
7) Phenol-d6	7.02	99	130058	31.38	ng	0.00
23) Nitrobenzene-d5	7.98	82	283948	76.86	ng	0.00
41) 2,4,6-Tribromophenol	11.28	330	126649	134.92	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	724882	94.00	ng	0.00
78) Terphenyl-d14	13.67	244	870562	88.16	ng	-0.07

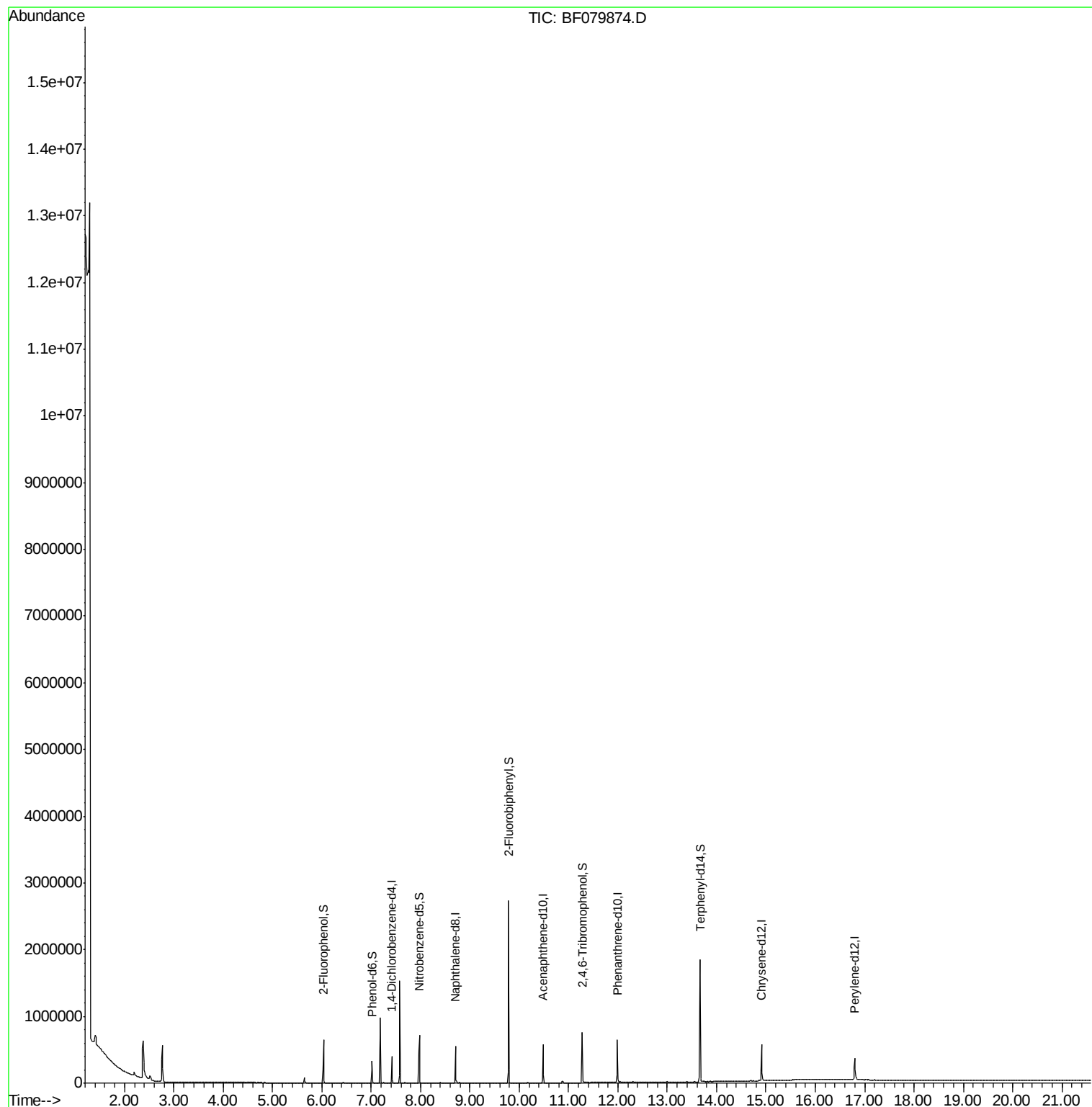
Target Compounds	Qvalue
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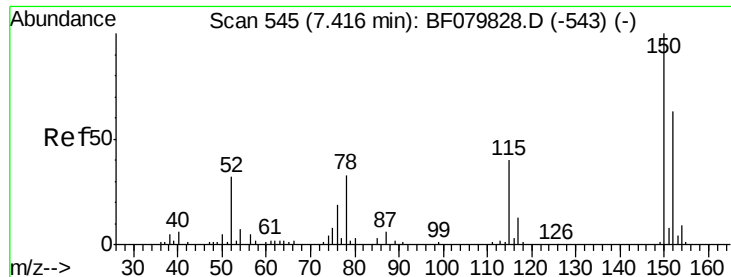
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 11 00:53:15 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

Instrument :

BNA_F

ClientSampleId :

MW-9-6-3-15

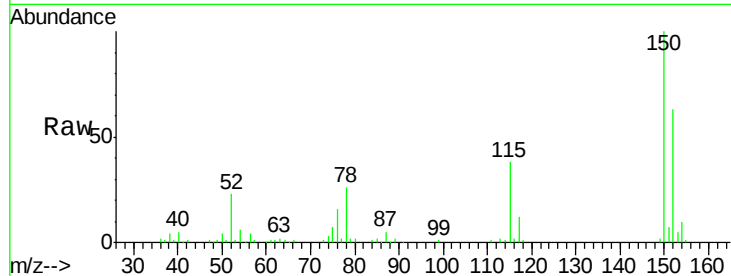
Tgt Ion:152 Resp: 52796

Ion Ratio Lower Upper

152 100

150 159.8 131.4 197.2

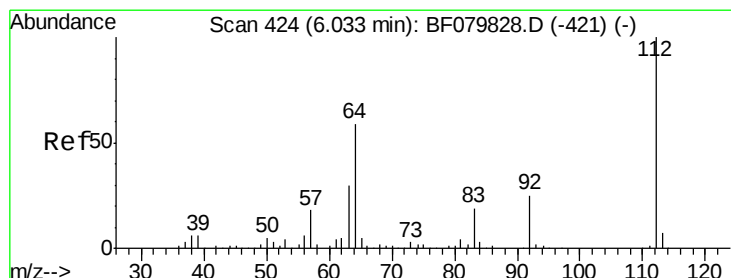
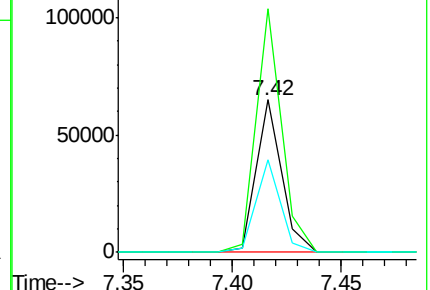
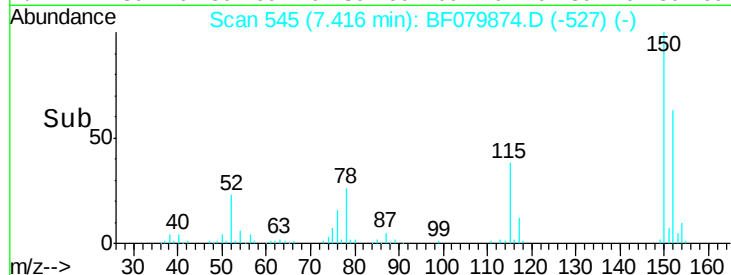
115 60.9 56.5 84.7



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: 53.23 ng

RT: 6.03 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

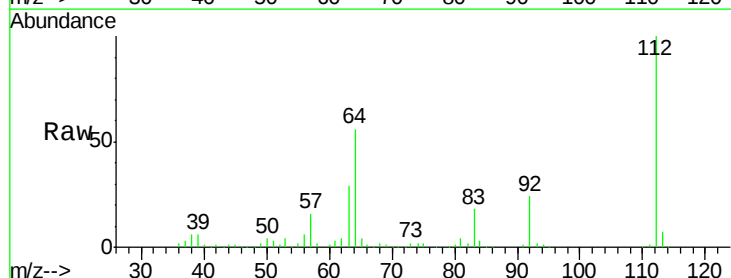
Tgt Ion:112 Resp: 170539

Ion Ratio Lower Upper

112 100

64 56.3 44.2 66.4

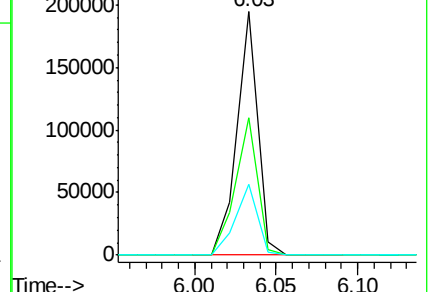
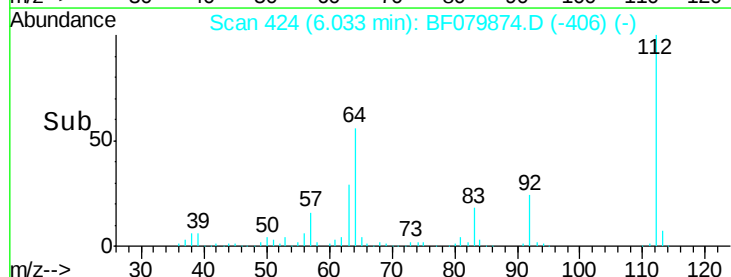
63 28.9 22.8 34.2

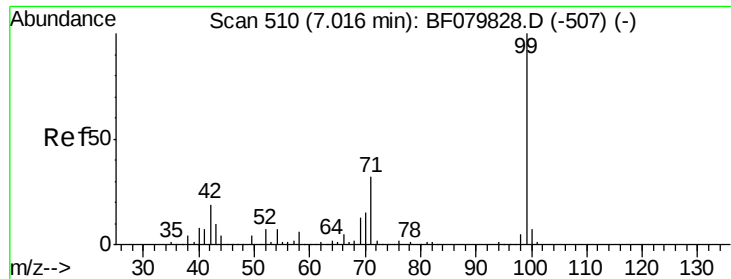


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.38 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

Instrument :

BNA_F

ClientSampleId :

MW-9-6-3-15

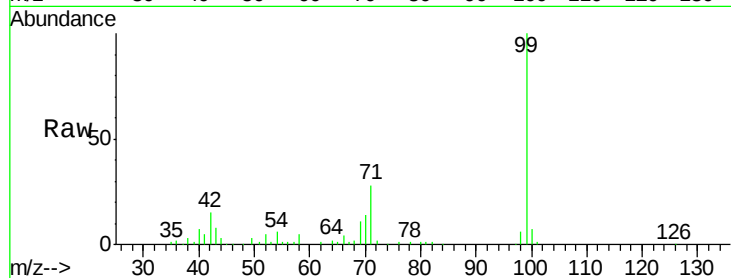
Tgt Ion: 99 Resp: 130058

Ion Ratio Lower Upper

99 100

42 14.9 13.7 20.5

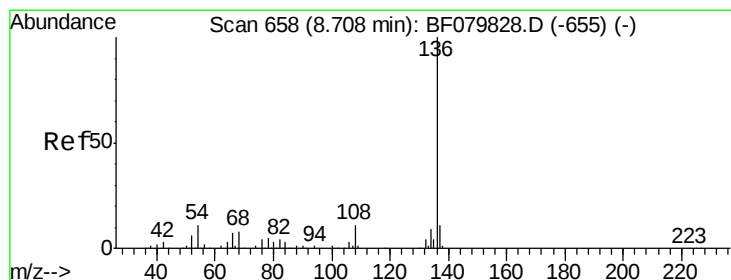
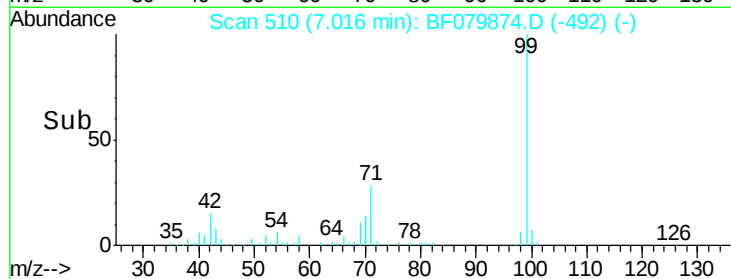
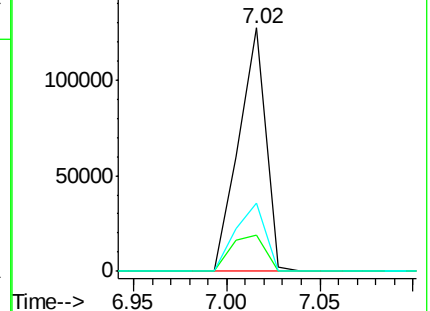
71 28.0 25.1 37.7



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: 8.71 min Scan# 658

Delta R.T. 0.00 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

Tgt Ion: 136 Resp: 213429

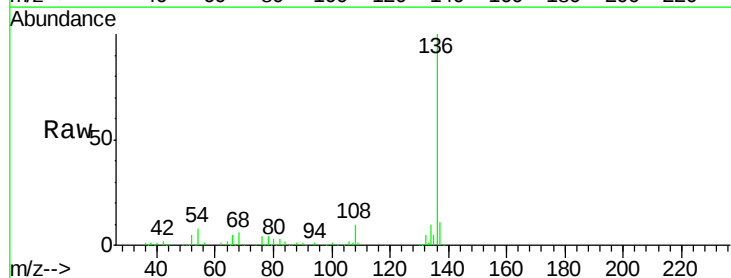
Ion Ratio Lower Upper

136 100

137 10.8 9.3 13.9

54 8.2 8.1 12.1

68 6.2 4.8 7.2

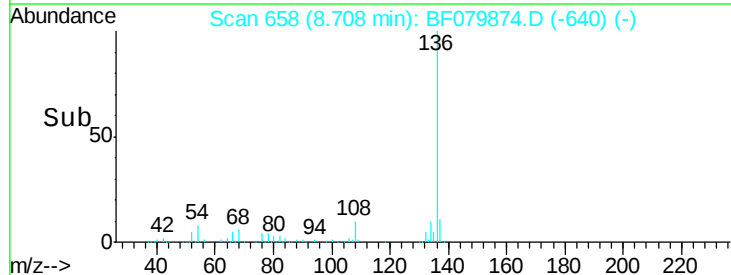
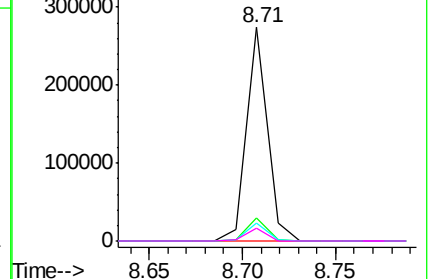


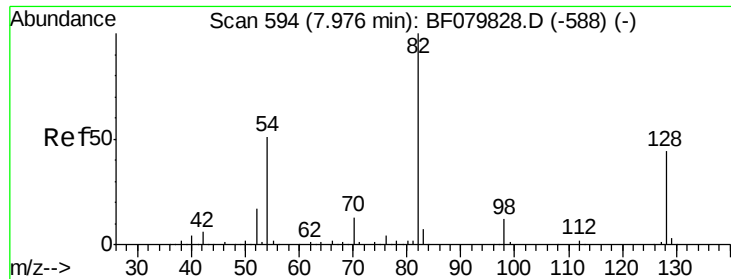
Abundance Ion 136.00 (135.70 to 136.70): E

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

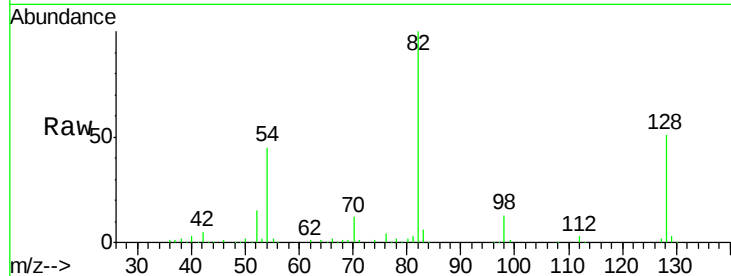




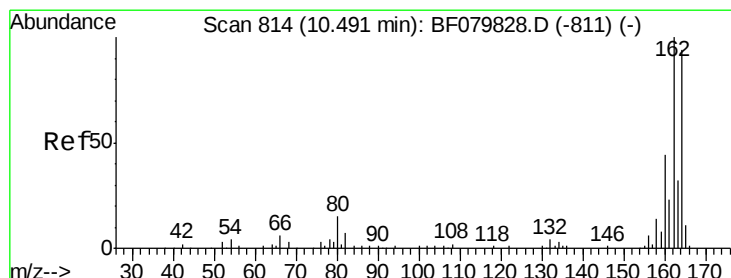
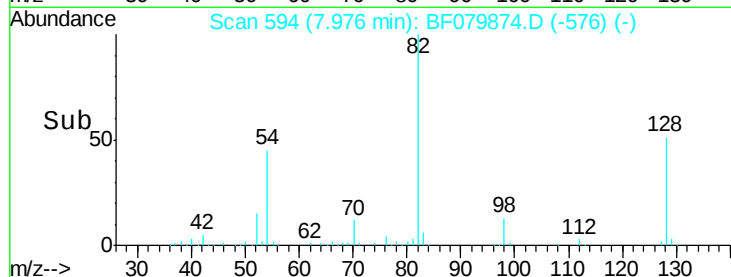
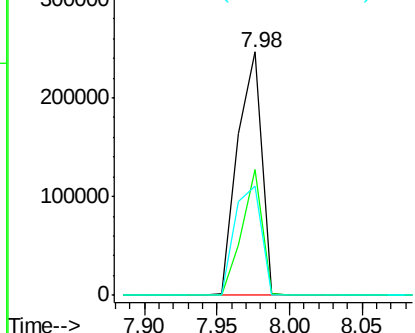
#23
 Nitrobenzene-d5
 Concen: 76.86 ng
 RT: 7.98 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF079874.D
 Acq: 10 Jun 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-6-3-15

Tgt Ion: 82 Resp: 283948
 Ion Ratio Lower Upper
 82 100
 128 51.5 35.2 52.8
 54 45.0 39.2 58.8

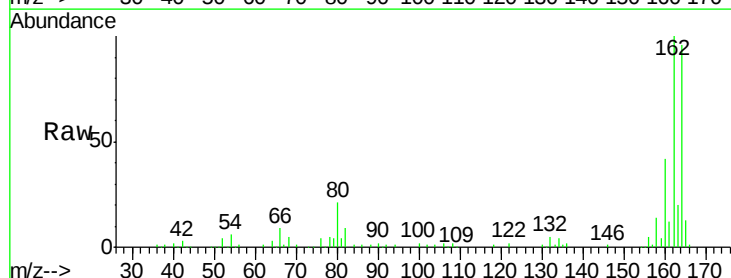


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

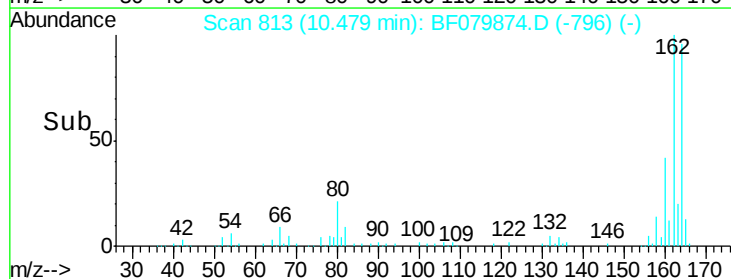
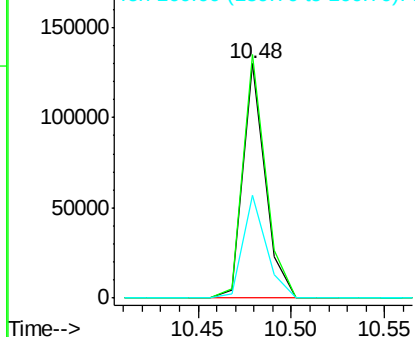


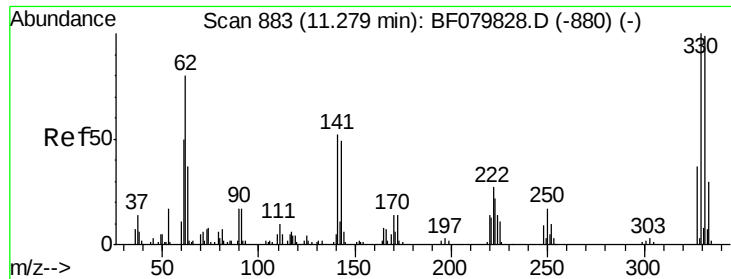
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.48 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF079874.D
 Acq: 10 Jun 2015 19:44

Tgt Ion: 164 Resp: 108464
 Ion Ratio Lower Upper
 164 100
 162 103.8 89.8 134.8
 160 43.9 39.6 59.4



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

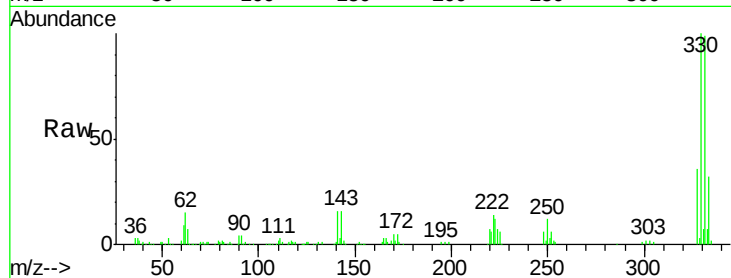




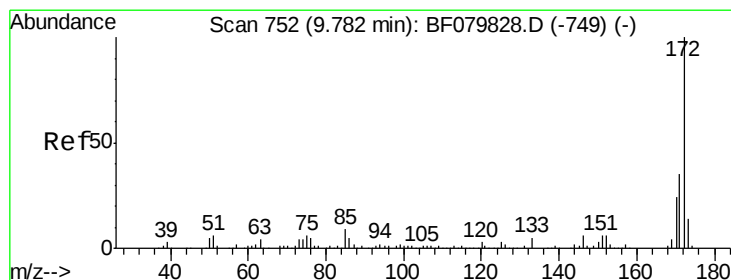
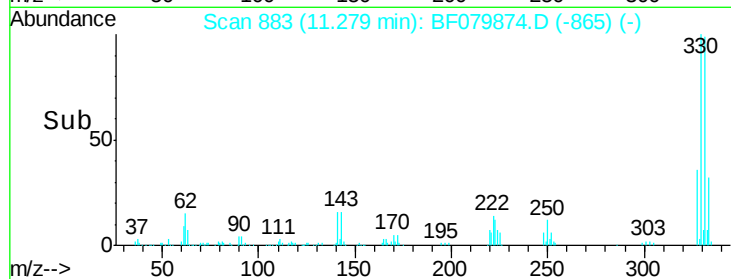
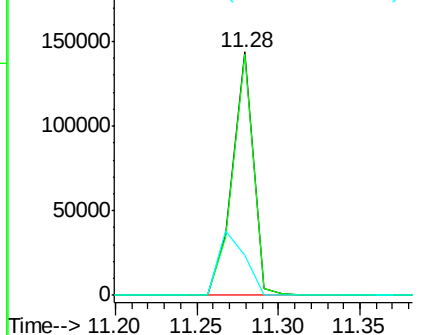
#41
 2,4,6-Tribromophenol
 Concen: 134.92 ng
 RT: 11.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF079874.D
 Acq: 10 Jun 2015 19:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-6-3-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.8	115.2
141	33.8	29.1	43.7

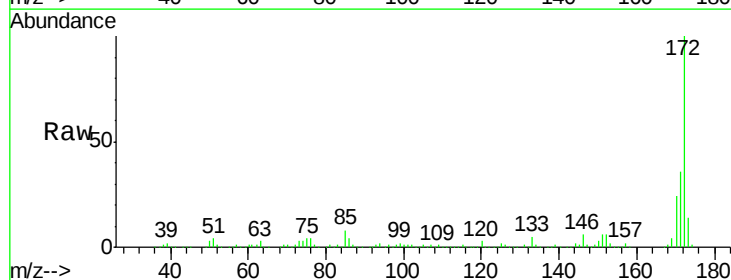


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

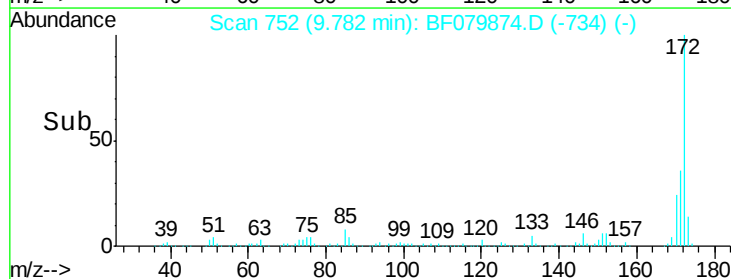
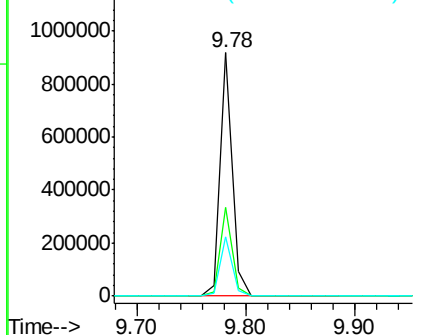


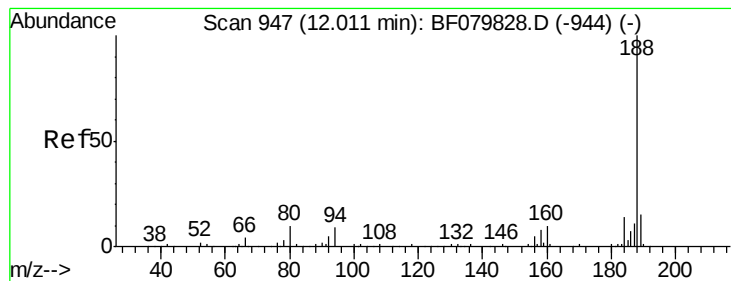
#44
 2-Fluorobiphenyl
 Concen: 94.00 ng
 RT: 9.78 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF079874.D
 Acq: 10 Jun 2015 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	24.4	18.8	28.2



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: 11.99 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

Instrument :

BNA_F

ClientSampleId :

MW-9-6-3-15

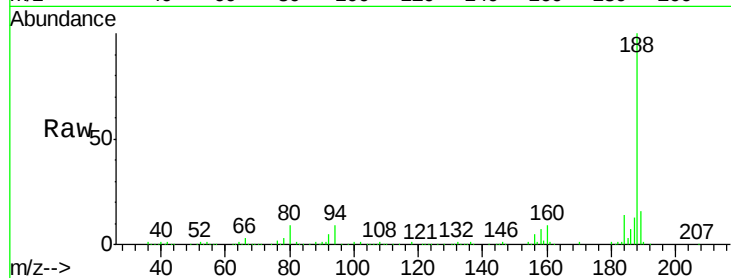
Tgt Ion:188 Resp: 219764

Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.0

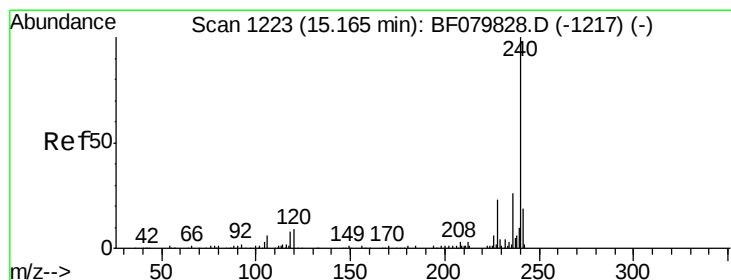
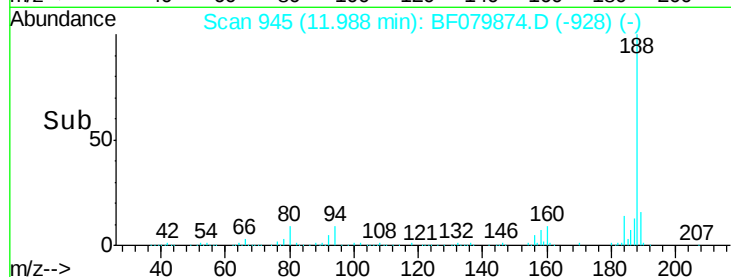
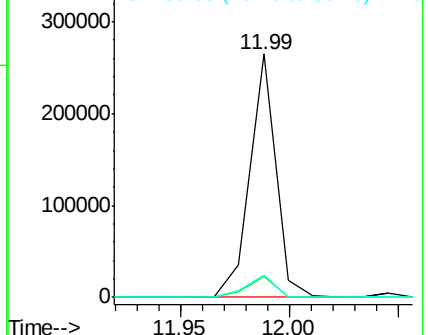
80 9.3 8.0 12.0



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: 14.91 min Scan# 1201

Delta R.T. -0.16 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

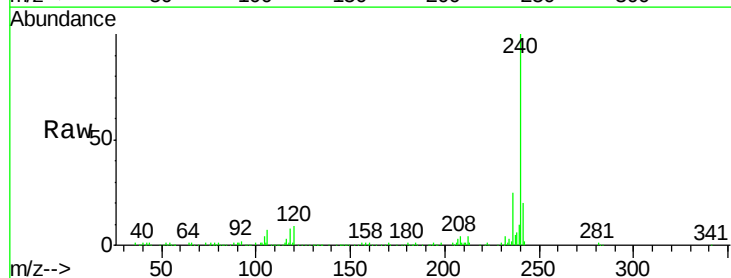
Tgt Ion:240 Resp: 222614

Ion Ratio Lower Upper

240 100

120 9.1 6.6 9.8

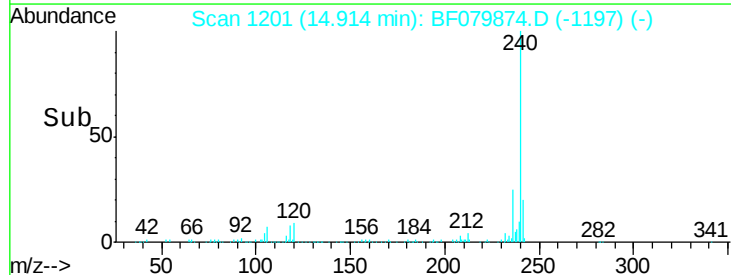
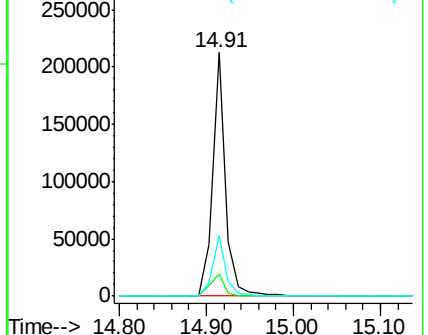
236 25.1 20.2 30.4

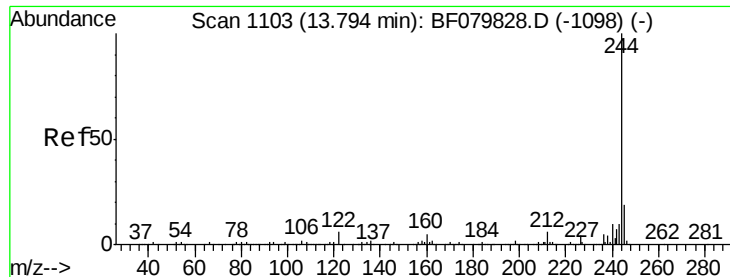


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.16 ng

RT: 13.67 min Scan# 1092

Delta R.T. -0.07 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

Instrument :

BNA_F

ClientSampleId :

MW-9-6-3-15

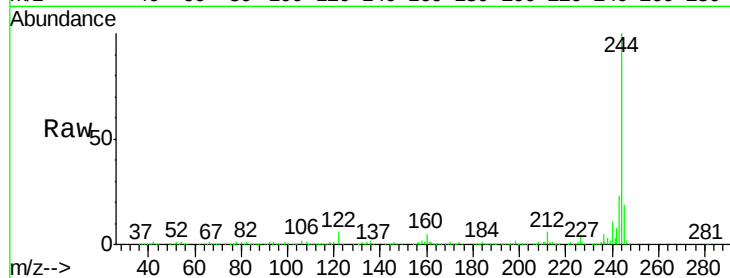
Tgt Ion:244 Resp: 870562

Ion Ratio Lower Upper

244 100

212 6.0 5.6 8.4

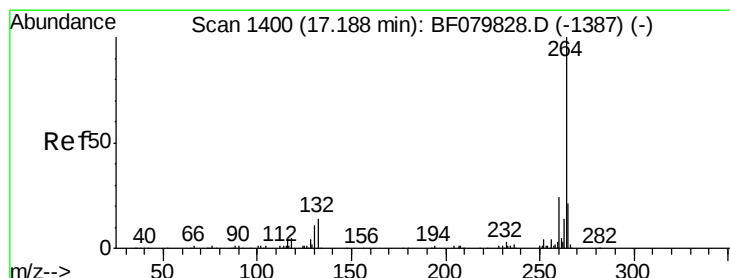
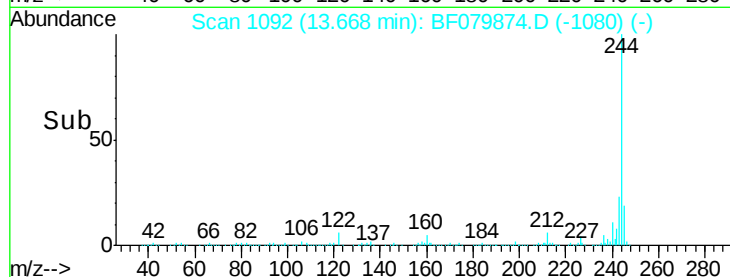
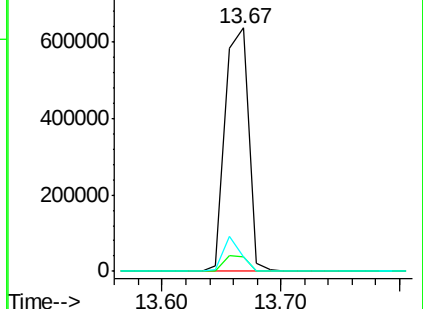
122 5.9 8.2 12.2#



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: 16.80 min Scan# 1366

Delta R.T. -0.23 min

Lab File: BF079874.D

Acq: 10 Jun 2015 19:44

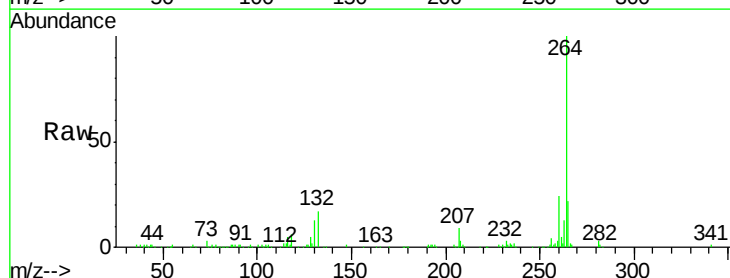
Tgt Ion:264 Resp: 207799

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.9 18.0 27.0



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

