

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079026.D
 Acq On : 8 May 2015 7:33
 Operator : TP/IZ
 Sample : G2077-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Quant Time: May 08 08:11:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 07:05:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	81026	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	338916	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	173862	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	345612	20.00	ng	0.00
75) Chrysene-d12	16.27	240	372869	20.00	ng	0.02
86) Perylene-d12	18.11	264	390891	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	278742	59.22	ng	0.00
7) Phenol-d6	6.90	99	260497	41.87	ng	0.00
23) Nitrobenzene-d5	8.03	82	466114	79.04	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	262576	139.60	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	934245	74.86	ng	0.00
78) Terphenyl-d14	14.95	244	1091477	70.08	ng	0.00

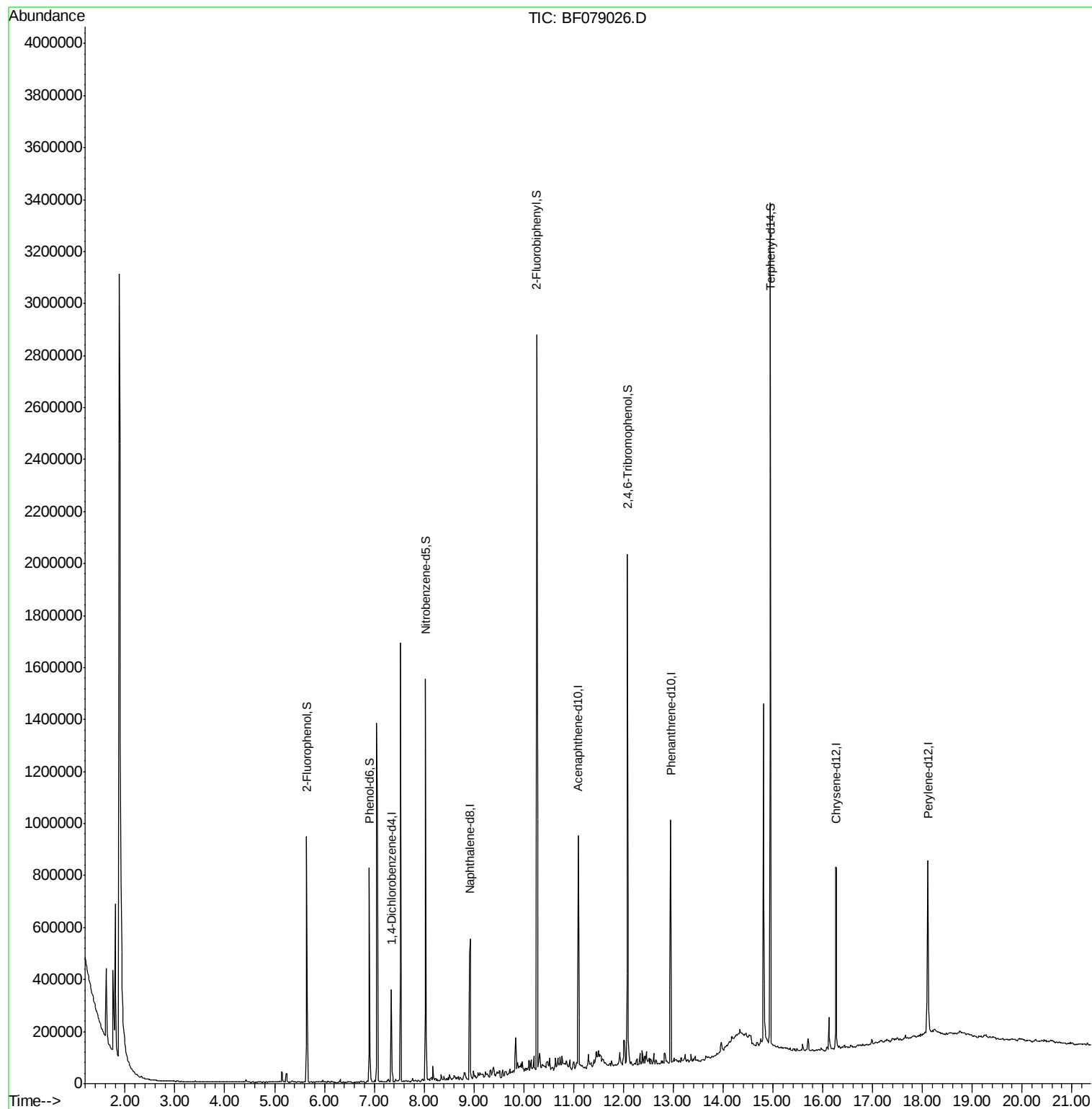
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.35 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Instrument :

BNA_F

ClientSampleId :

W-43

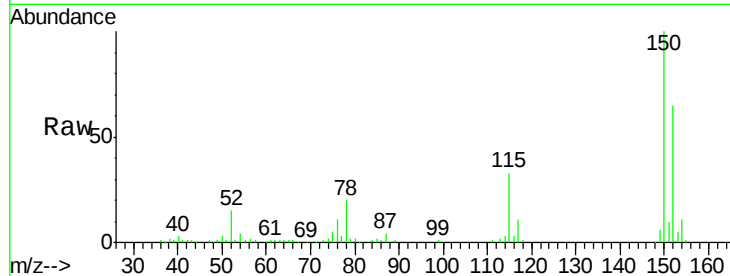
Tgt Ion:152 Resp: 81026

Ion Ratio Lower Upper

152 100

150 153.3 122.0 183.0

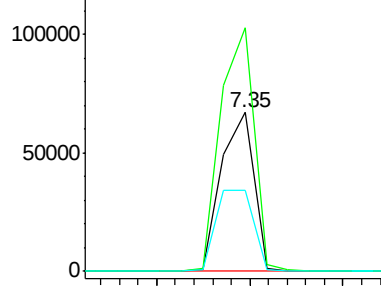
115 50.8 46.3 69.5



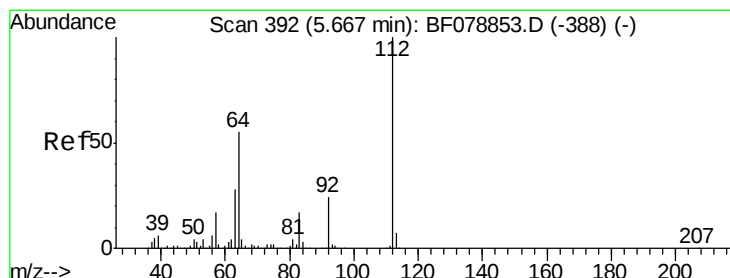
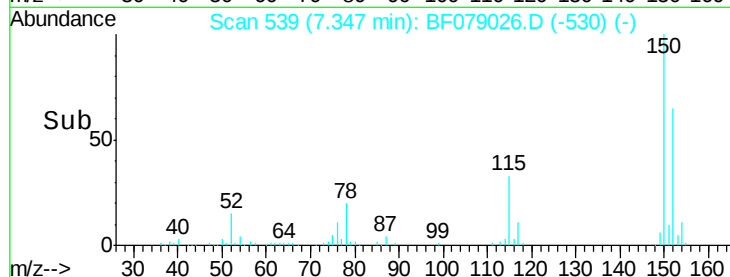
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 59.22 ng

RT: 5.64 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

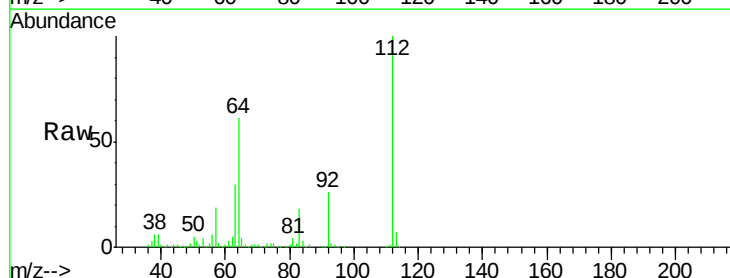
Tgt Ion:112 Resp: 278742

Ion Ratio Lower Upper

112 100

64 61.0 53.5 80.3

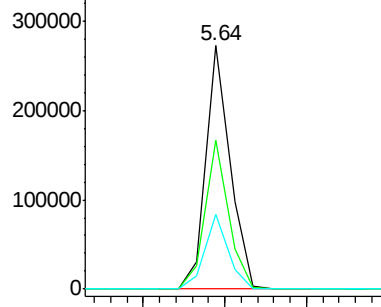
63 30.4 27.5 41.3



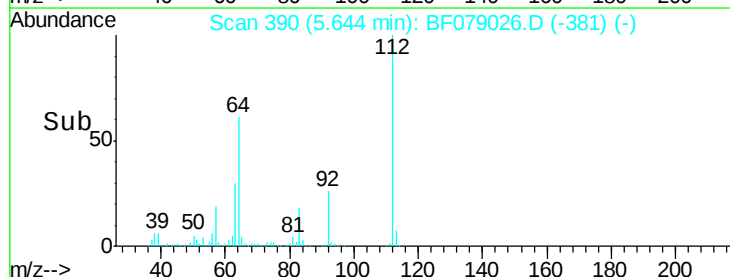
Abundance Ion 112.00 (111.70 to 112.70): E

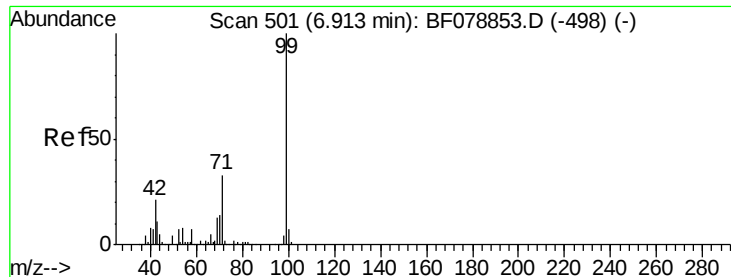
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->





#7

Phenol-d6

Concen: 41.87 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Instrument :

BNA_F

ClientSampleId :

W-43

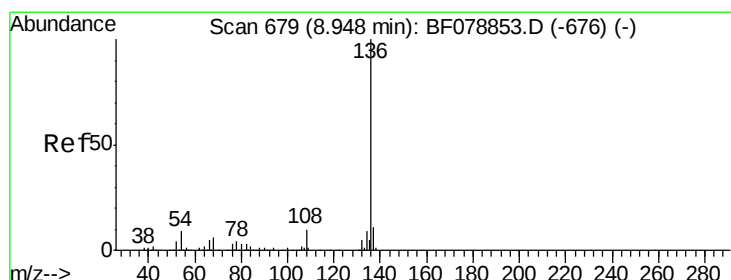
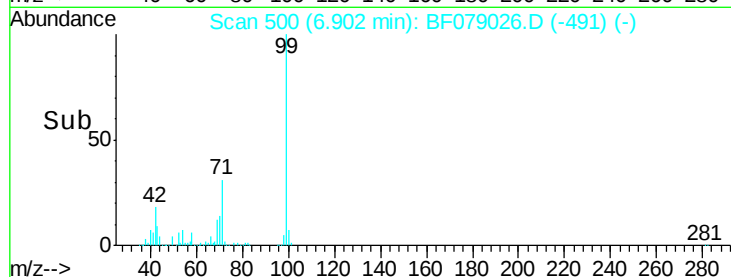
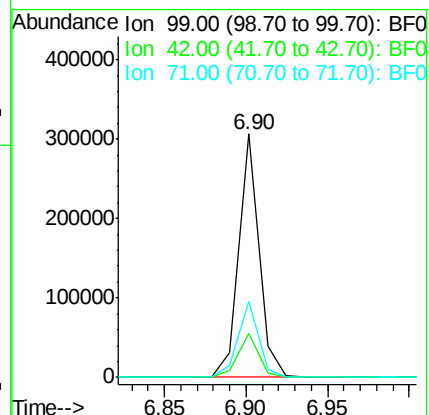
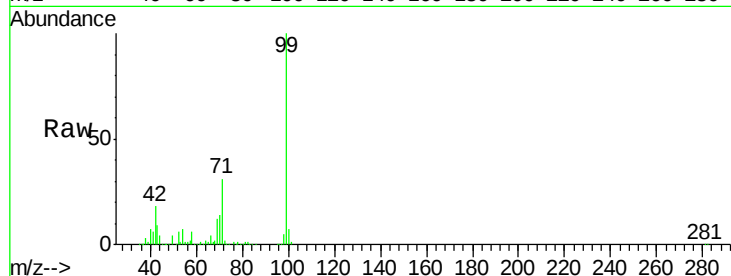
Tgt Ion: 99 Resp: 260497

Ion Ratio Lower Upper

99 100

42 18.0 12.8 19.2

71 31.1 23.4 35.2



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Tgt Ion: 136 Resp: 338916

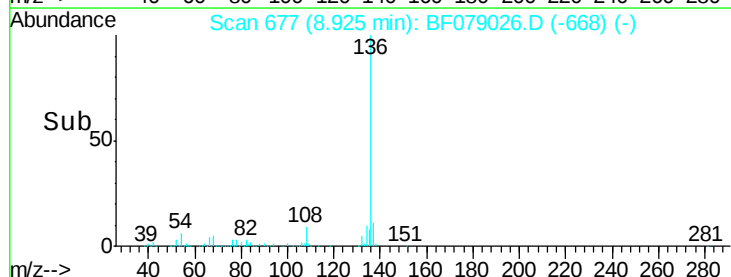
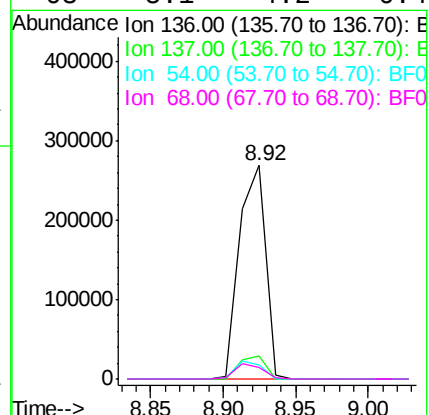
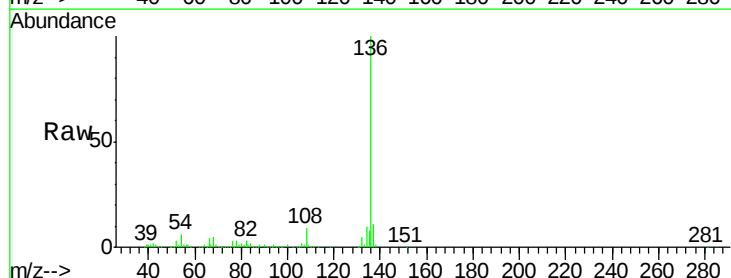
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.3 5.8 8.8

68 5.1 4.2 6.4

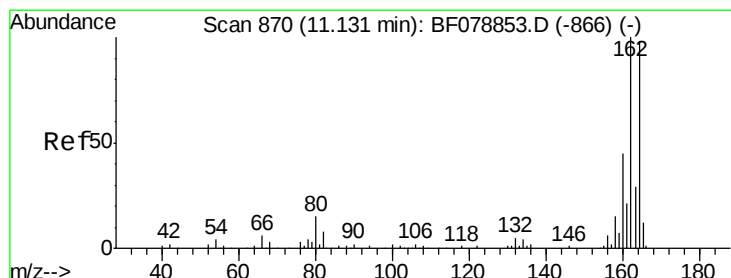
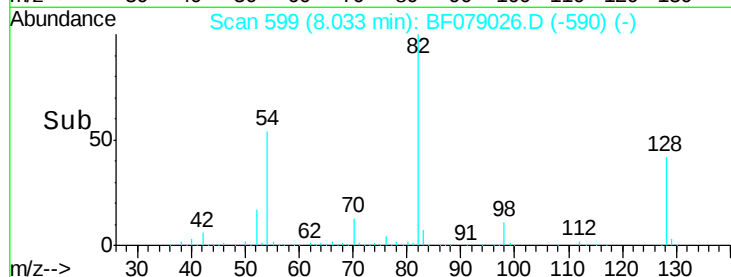
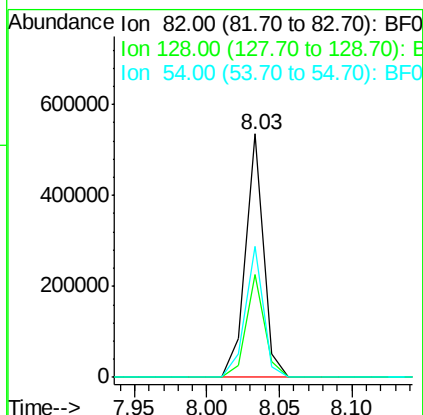
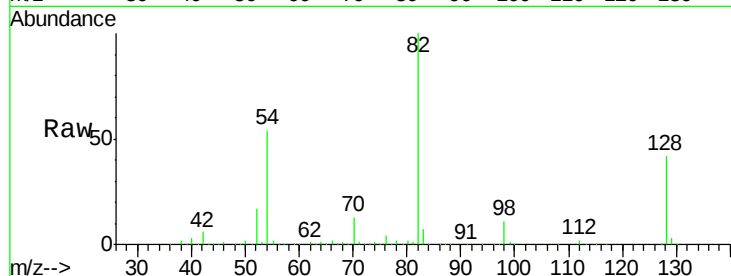




#23
 Nitrobenzene-d5
 Concen: 79.04 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

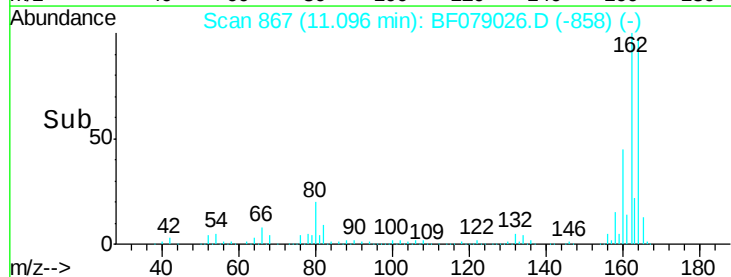
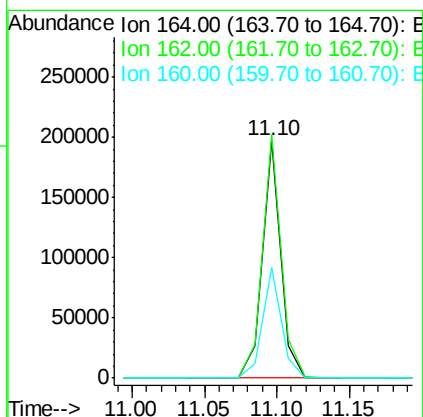
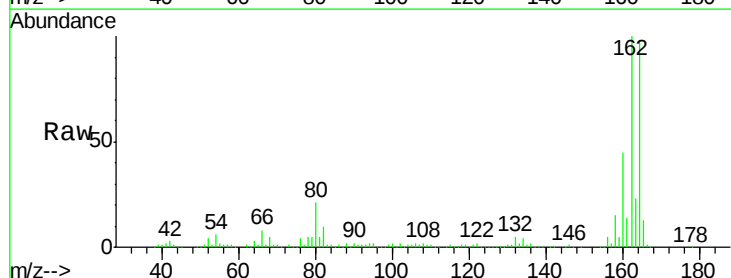
Instrument :
 BNA_F
 ClientSampleId :
 W-43

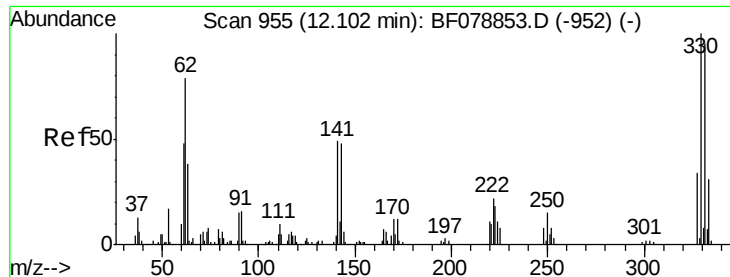
Tgt Ion: 82 Resp: 466114
 Ion Ratio Lower Upper
 82 100
 128 42.3 30.0 45.0
 54 53.6 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

Tgt Ion: 164 Resp: 173862
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.7 124.1
 160 46.6 35.8 53.8





#41

2,4,6-Tribromophenol

Concen: 139.60 ng

RT: 12.08 min Scan# 953

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Instrument :

BNA_F

ClientSampled :

W-43

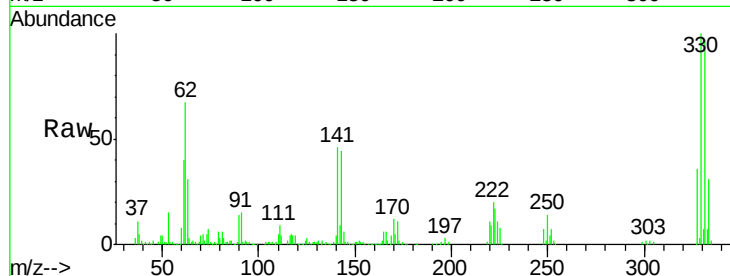
Tgt Ion:330 Resp: 262576

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

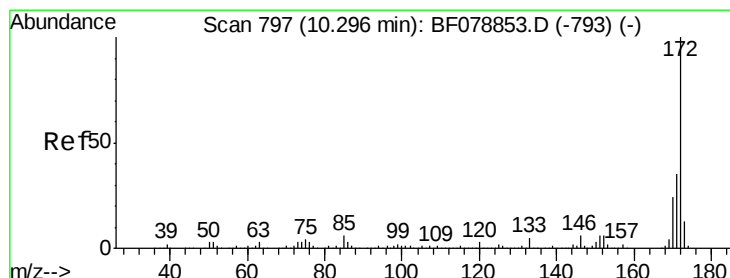
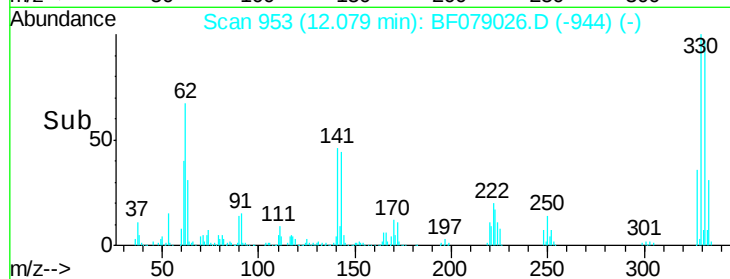
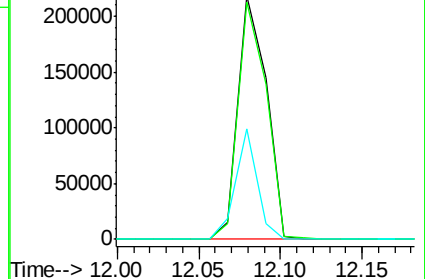
141 35.4 0.0 0.0#



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: 74.86 ng

RT: 10.26 min Scan# 794

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

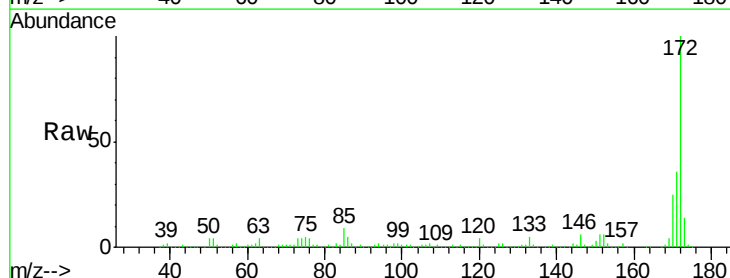
Tgt Ion:172 Resp: 934245

Ion Ratio Lower Upper

172 100

171 36.1 27.9 41.9

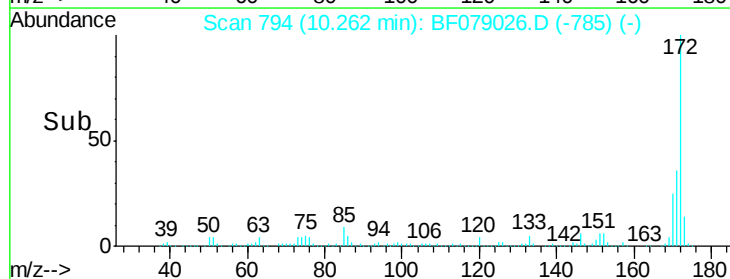
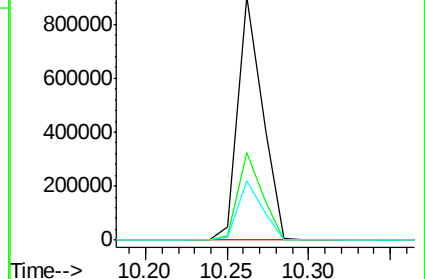
170 24.5 19.4 29.0

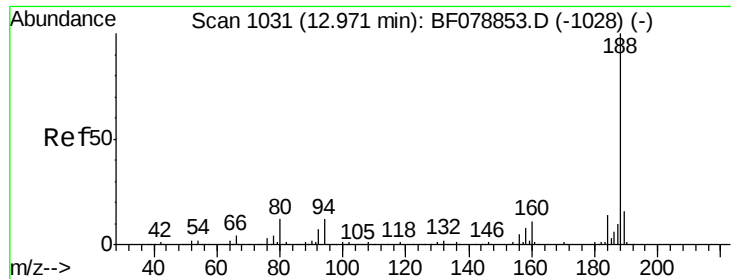


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

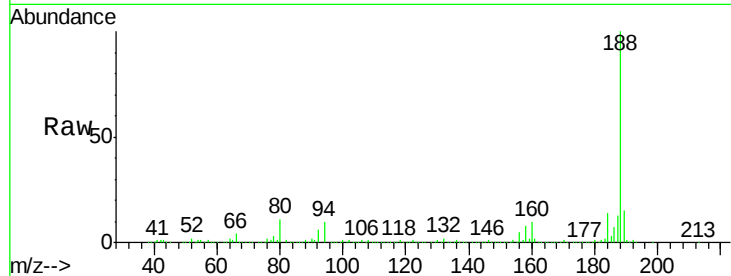




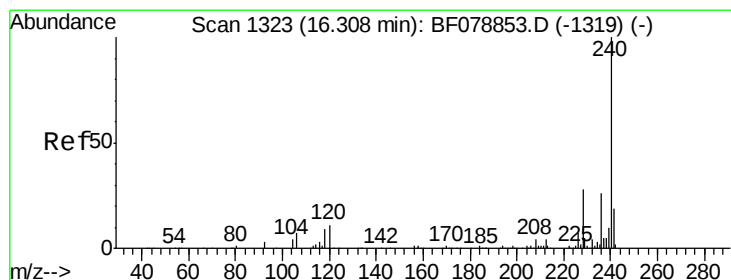
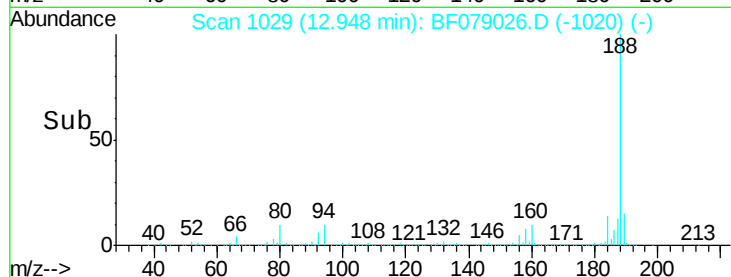
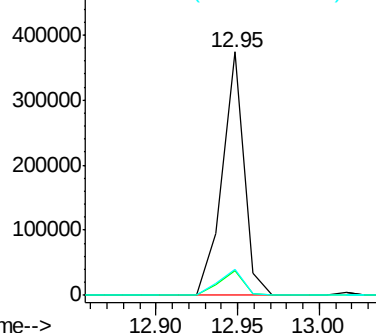
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079026.D
Acq: 8 May 2015 7:33

Instrument :
BNA_F
ClientSampled :
W-43

Tgt Ion:188 Resp: 345612
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.6 8.9 13.3

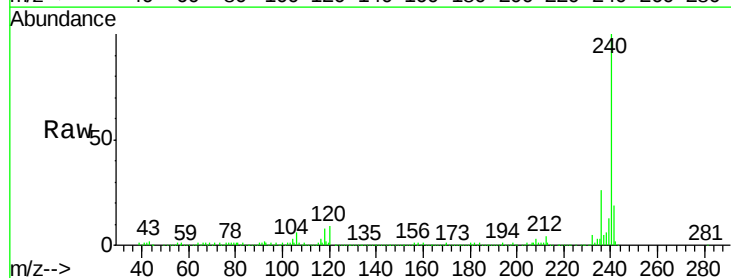


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

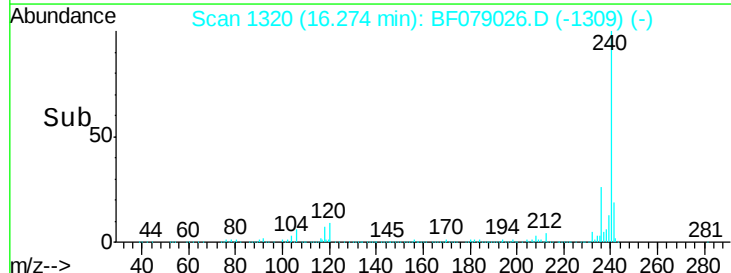
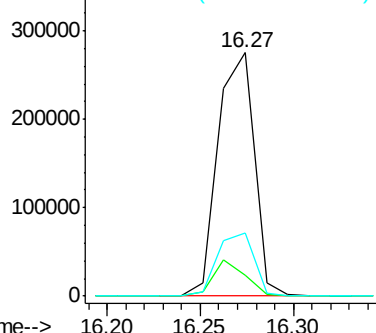


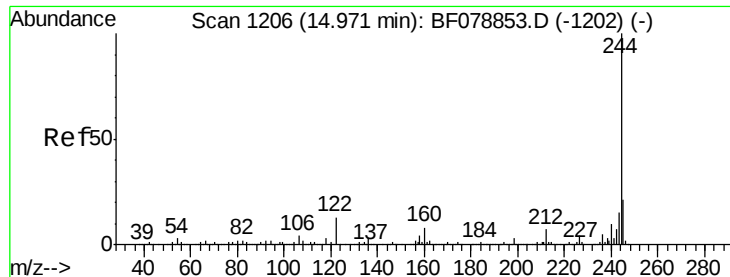
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF079026.D
Acq: 8 May 2015 7:33

Tgt Ion:240 Resp: 372869
Ion Ratio Lower Upper
240 100
120 8.8 9.7 14.5#
236 25.9 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: 70.08 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Instrument :

BNA_F

ClientSampleId :

W-43

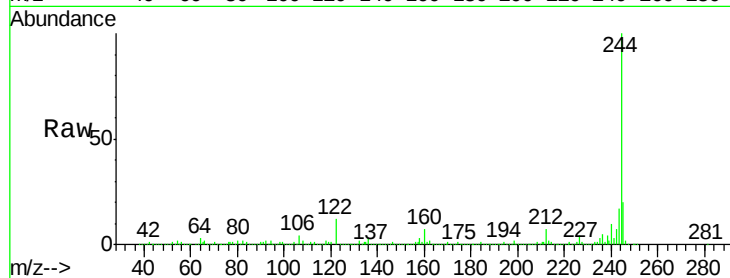
Tgt Ion:244 Resp: 1091477

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

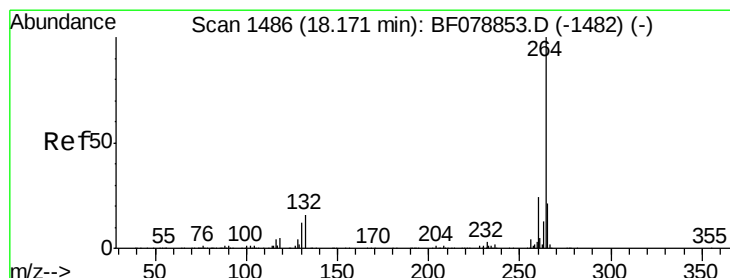
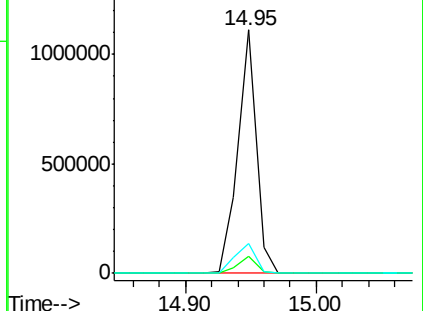
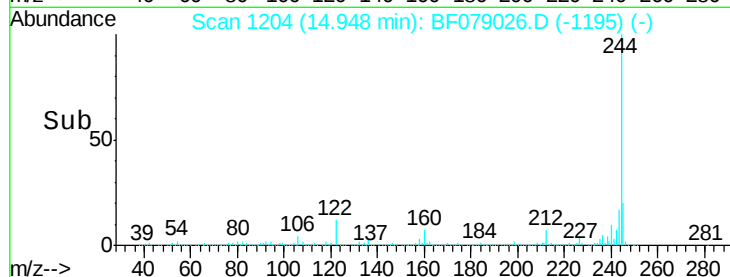
122 12.0 10.3 15.5



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: 18.11 min Scan# 1481

Delta R.T. 0.13 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

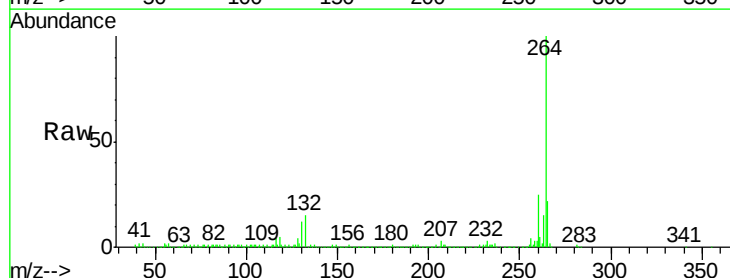
Tgt Ion:264 Resp: 390891

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.5 18.3 27.5



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

