

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

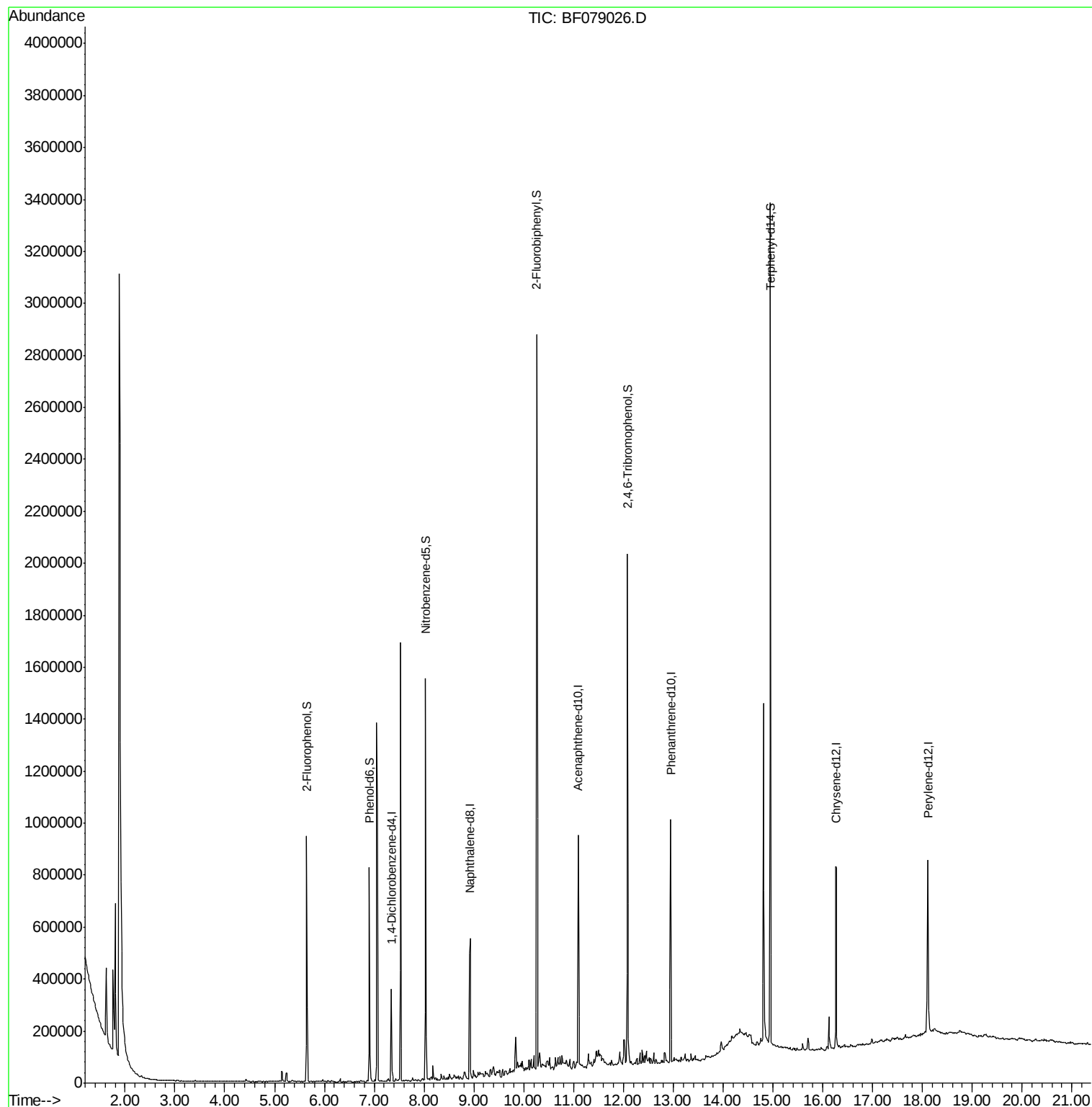
Target Compounds Qvalue

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

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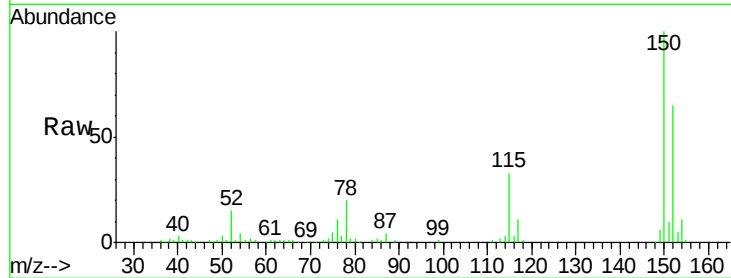


#1

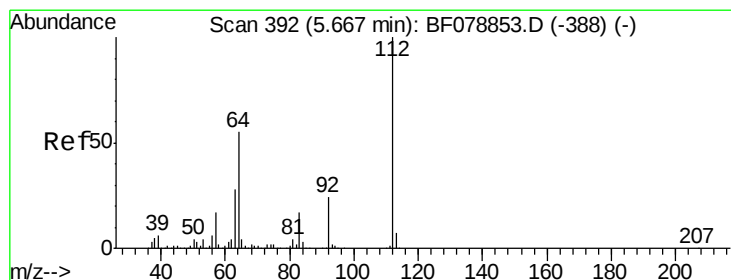
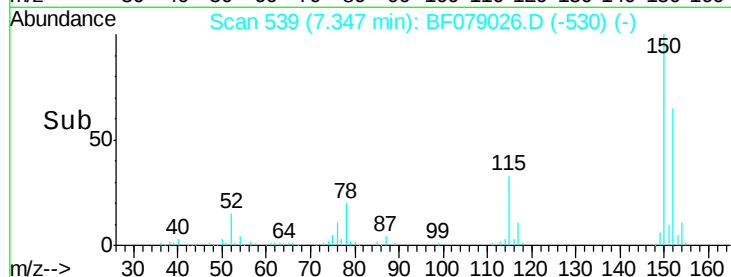
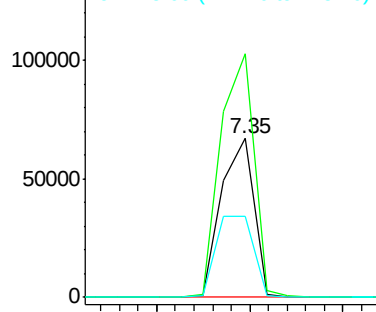
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

Instrument :
 BNA_F
 ClientSampleId :
 W-43

Tot Ion:152 Resp: 81026
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.0 183.0
 115 50.8 46.3 69.5



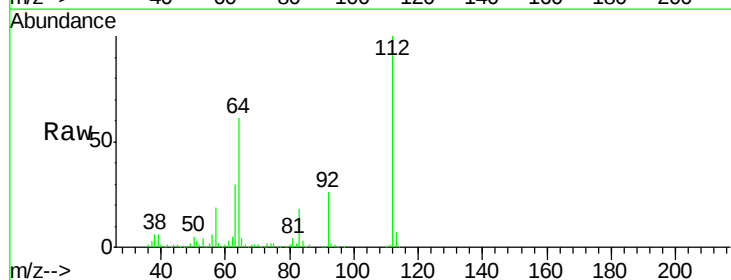
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



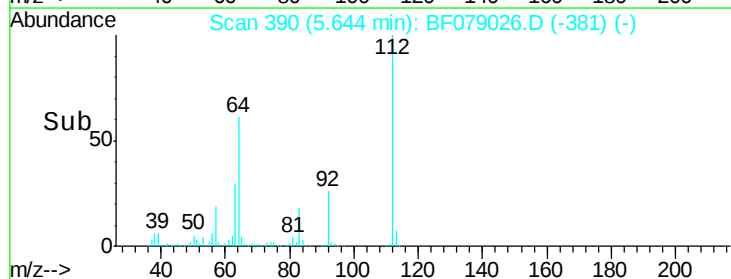
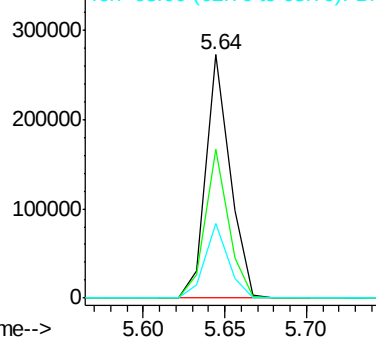
#5

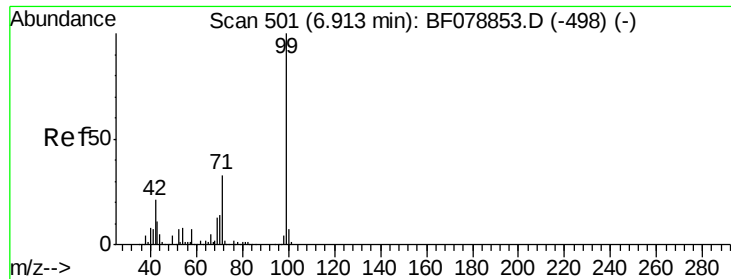
2-Fluorophenol
 Concen: 59.22 ng
 RT: 5.64 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

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





#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

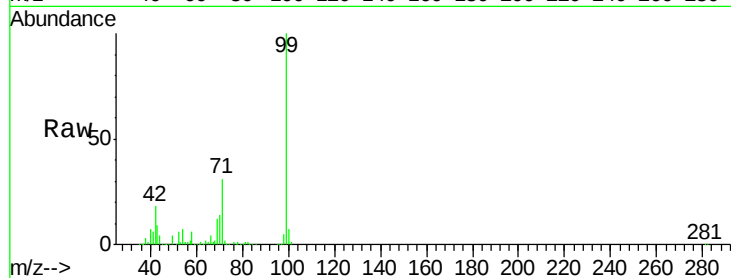
Tot Ion: 99 Resp: 260497

Ion Ratio Lower Upper

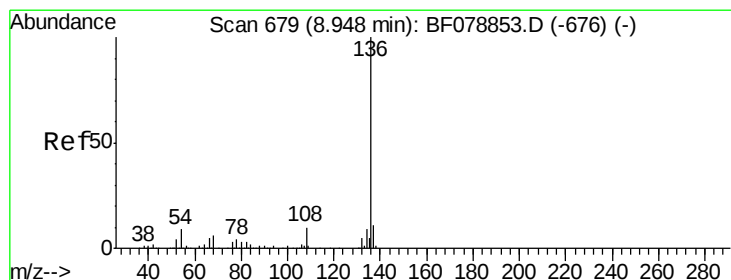
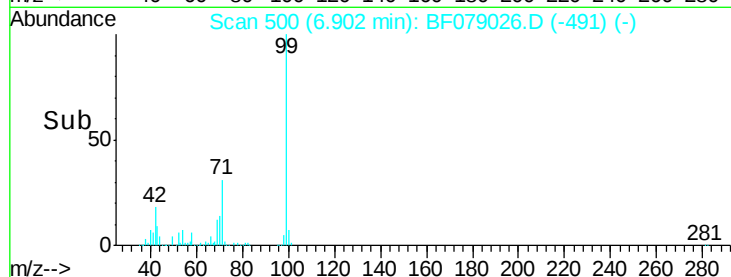
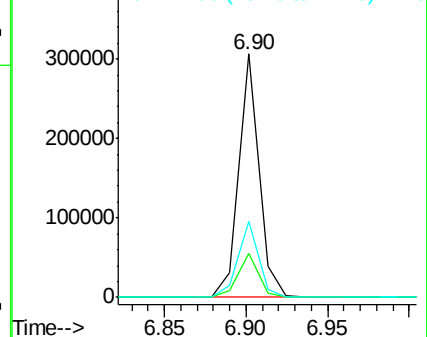
99 100

42 18.0 12.8 19.2

71 31.1 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF079026.D

Acq: 8 May 2015 7:33

Tgt Ion: 136 Resp: 338916

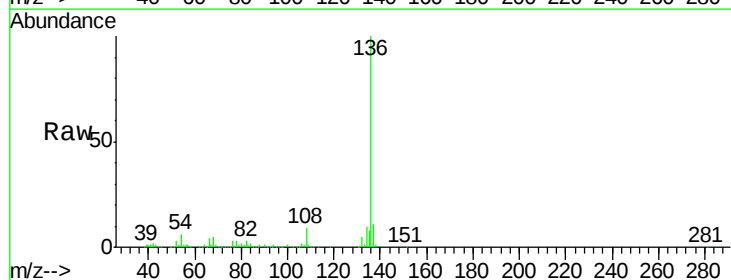
Ion Ratio Lower Upper

136 100

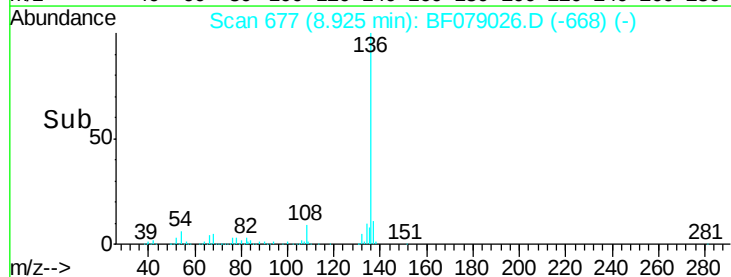
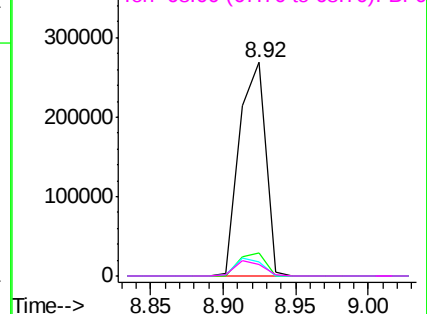
137 10.6 8.7 13.1

54 6.3 5.8 8.8

68 5.1 4.2 6.4



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

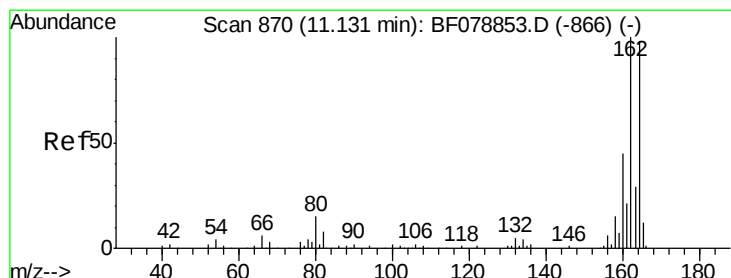
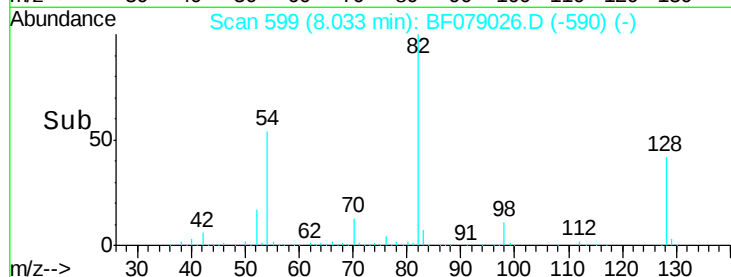
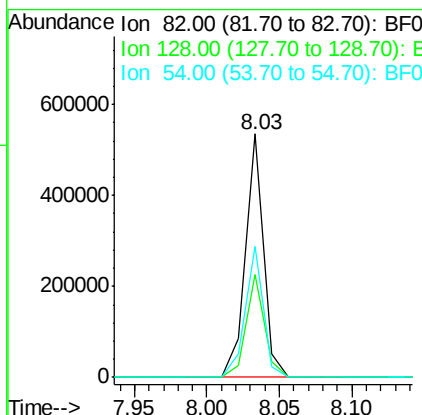
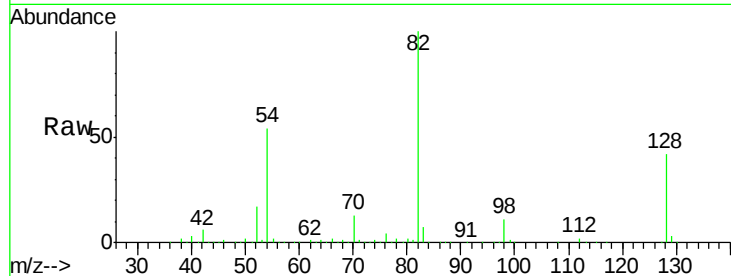




#23
Nitrobenzene-d5
Concen: 79.04 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.00 min
Lab File: BF079026.D
Acq: 8 May 2015 7:33

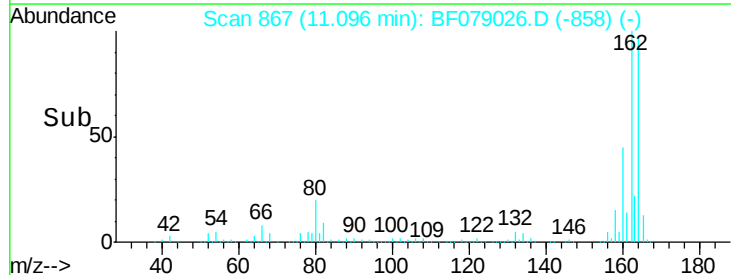
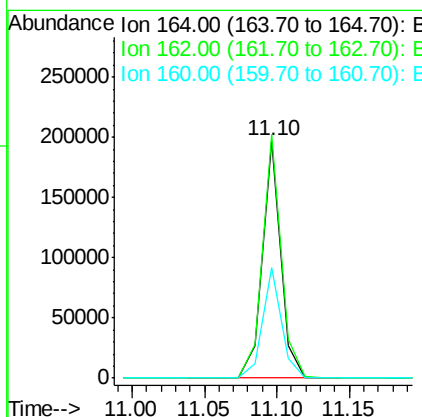
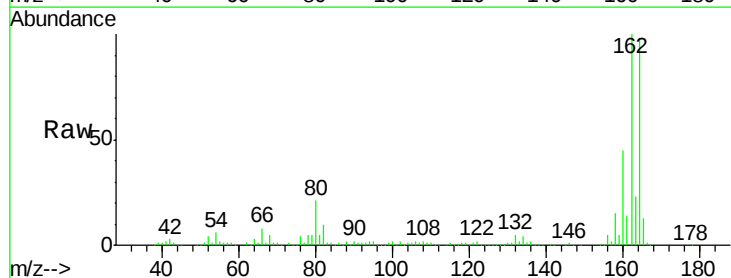
Instrument :
BNA_F
ClientSampleId :
W-43

Tot 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

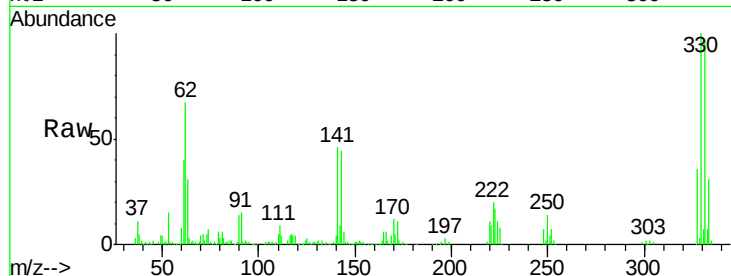




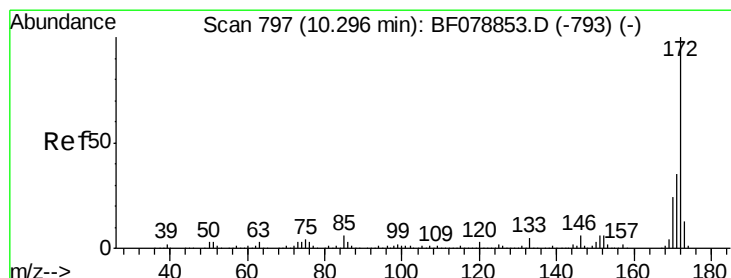
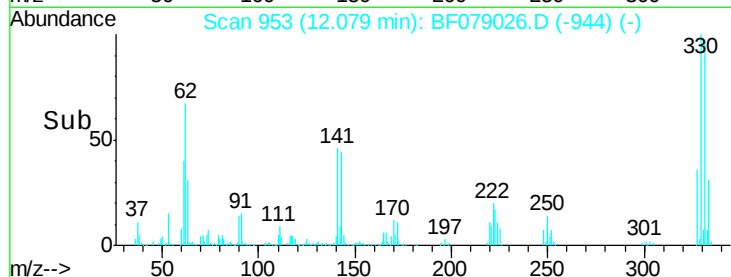
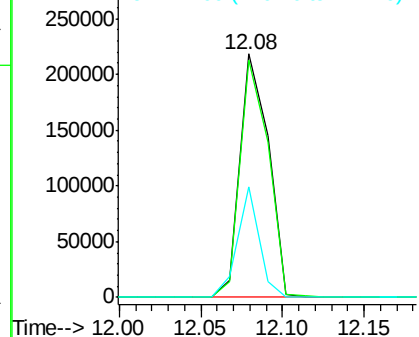
#41
 2,4,6-Tribromophenol
 Concen: 139.60 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

Instrument :
 BNA_F
 ClientSampled :
 W-43

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	35.4	0.0	0.0#

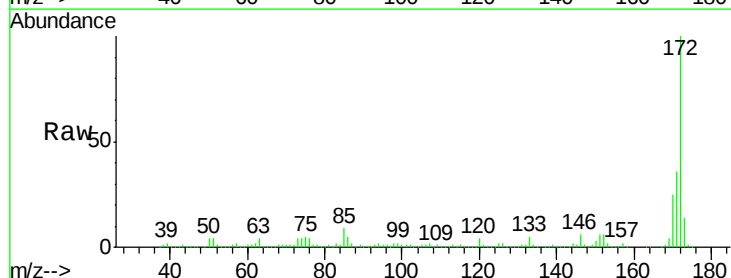


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

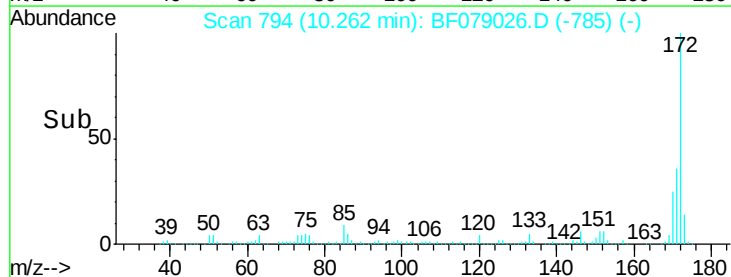
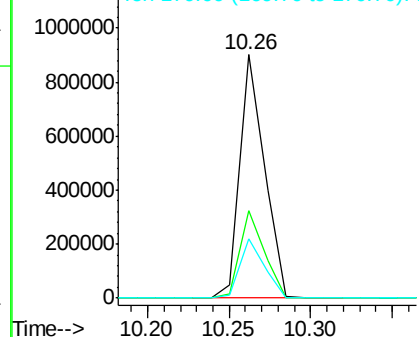


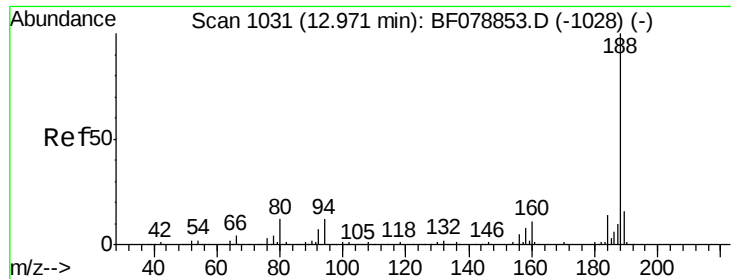
#44
 2-Fluorobiphenyl
 Concen: 74.86 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079026.D
 Acq: 8 May 2015 7:33

Tgt Ion	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

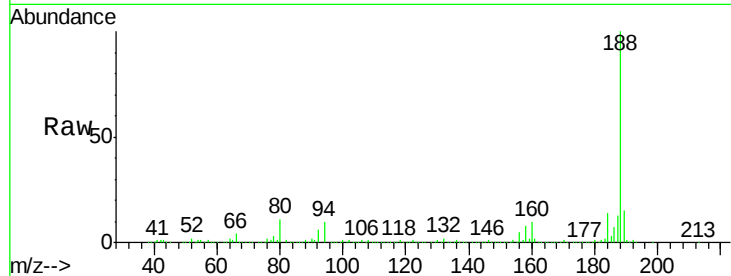




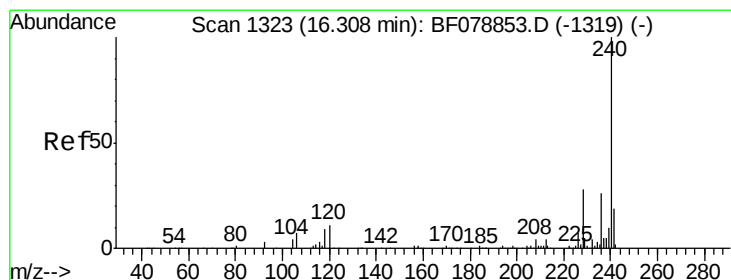
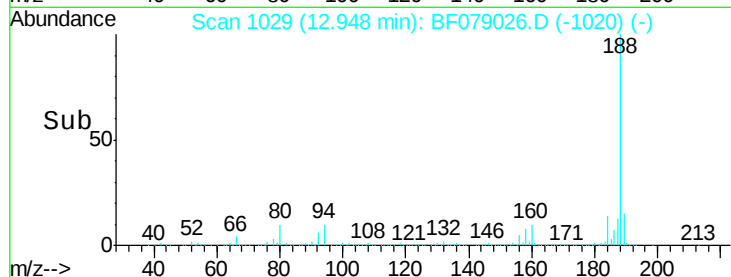
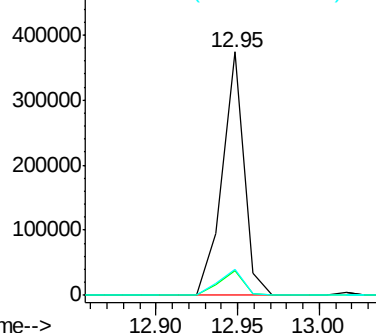
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BF079026.D
Acq: 8 May 2015 7:33

Instrument :
BNA_F
ClientSampled :
W-43

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

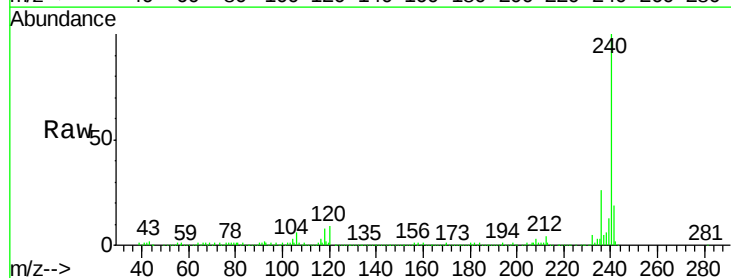


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

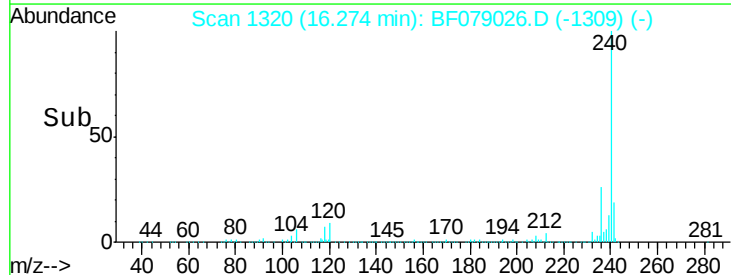
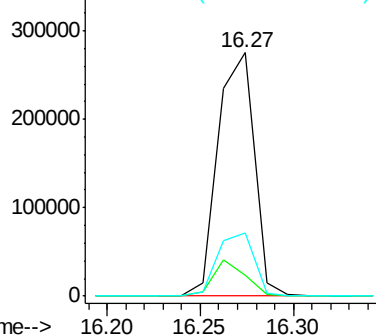


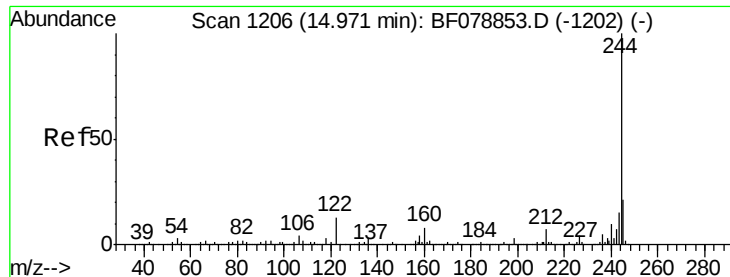
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. 0.02 min
Lab File: BF079026.D
Acq: 8 May 2015 7:33

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

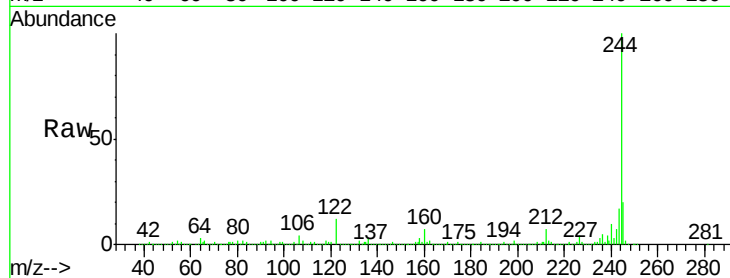
Tot Ion:244 Resp: 1091477

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

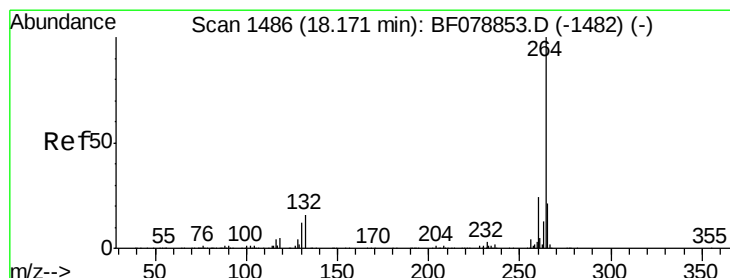
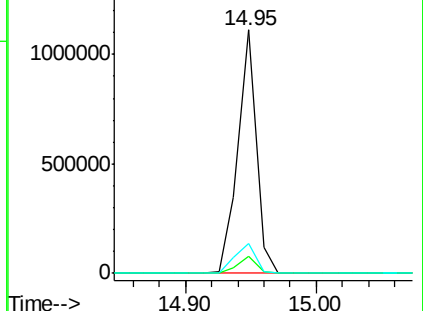
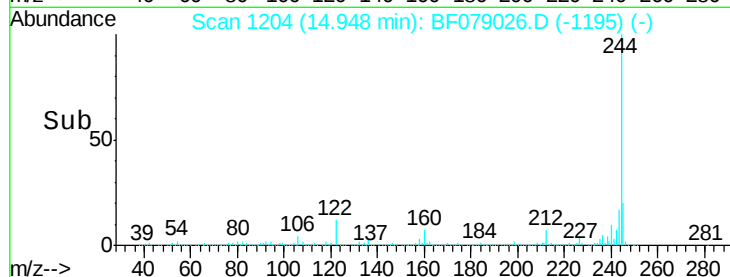
122 12.0 10.3 15.5



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

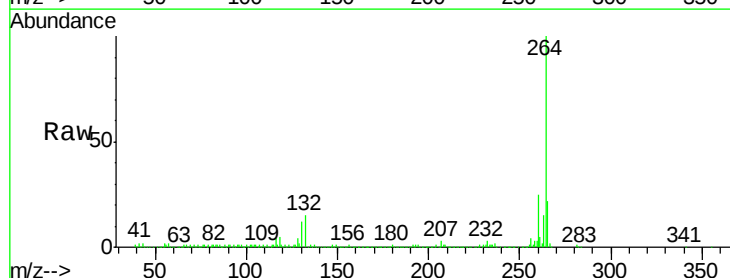
Tgt Ion:264 Resp: 390891

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

