

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050815\
 Data File : BF079106.D
 Acq On : 10 May 2015 3:34
 Operator : TP/IZ
 Sample : G2118-01 5X
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-019

Quant Time: May 11 02:12:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 01:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	83847	20.00	ng	0.00
21) Naphthalene-d8	8.90	136	336386	20.00	ng	0.01
38) Acenaphthene-d10	11.07	164	158119	20.00	ng	0.00
63) Phenanthrene-d10	12.93	188	284632	20.00	ng	0.01
75) Chrysene-d12	16.22	240	289750	20.00	ng	0.01
86) Perylene-d12	17.95	264	289259	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	88225	18.11	ng	0.00
7) Phenol-d6	6.88	99	118782	18.45	ng	0.00
23) Nitrobenzene-d5	8.01	82	64428	11.01	ng	0.00
41) 2,4,6-Tribromophenol	12.06	330	27169	15.88	ng	0.00
44) 2-Fluorobiphenyl	10.24	172	131899	11.62	ng	0.00
78) Terphenyl-d14	14.91	244	134065	11.08	ng	0.00

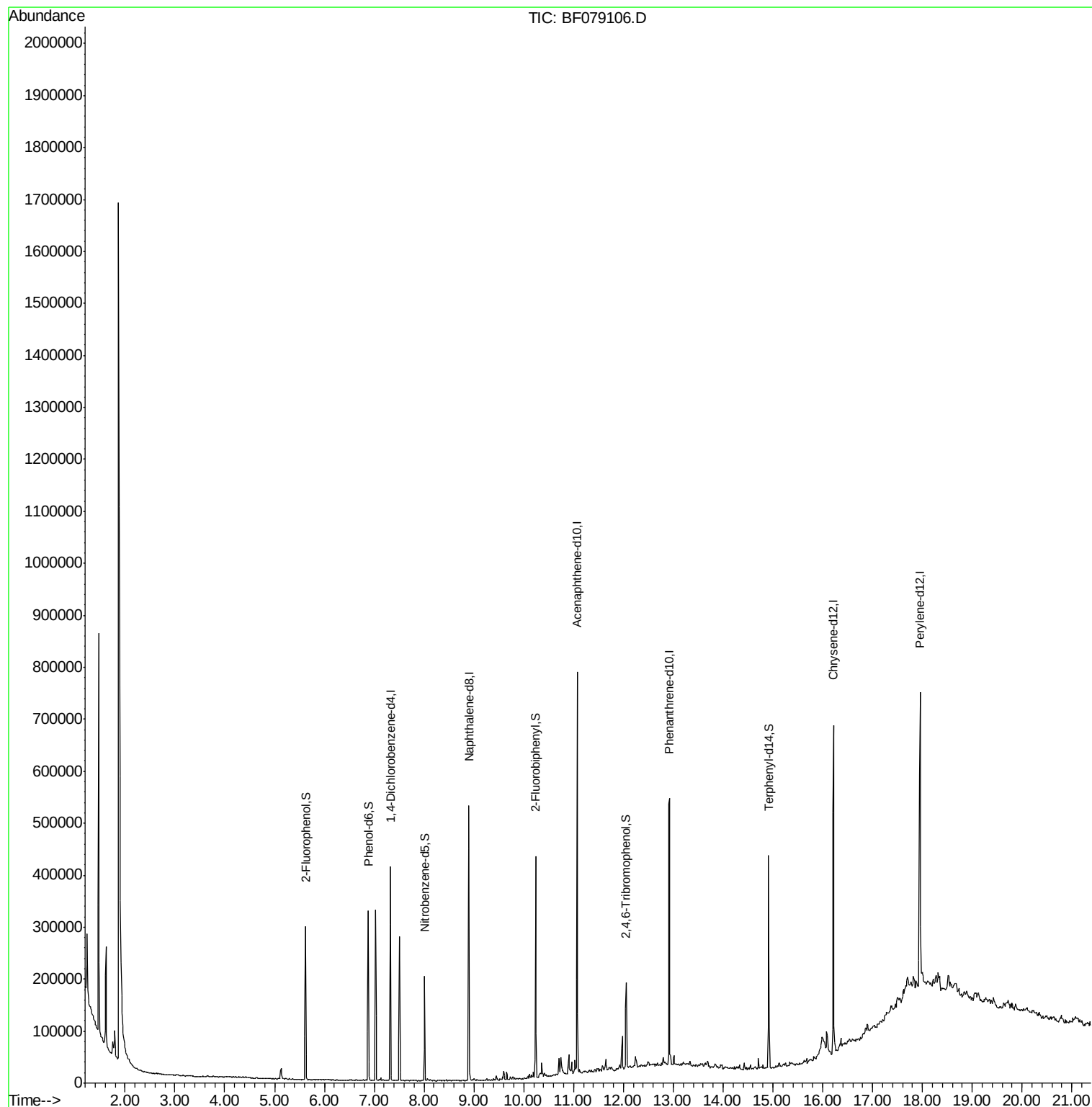
Target Compounds	Qvalue
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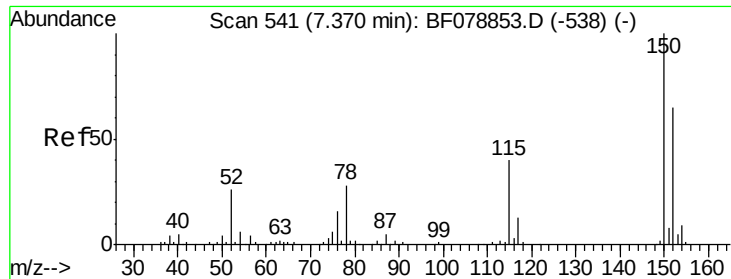
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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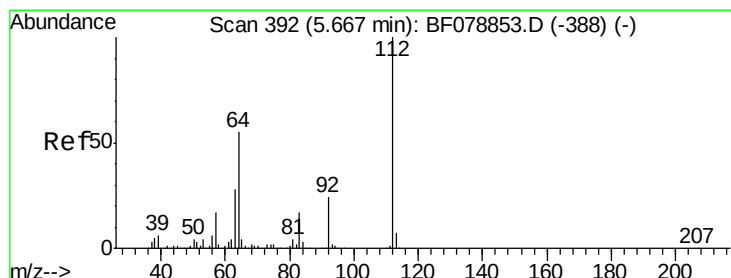
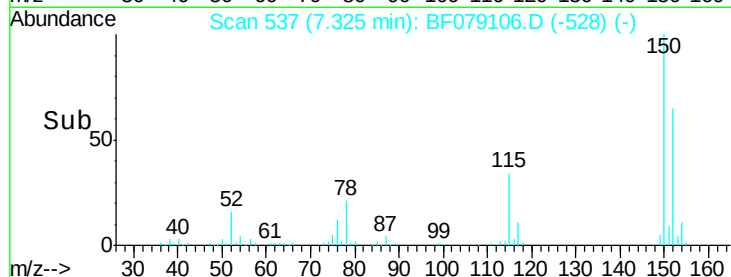
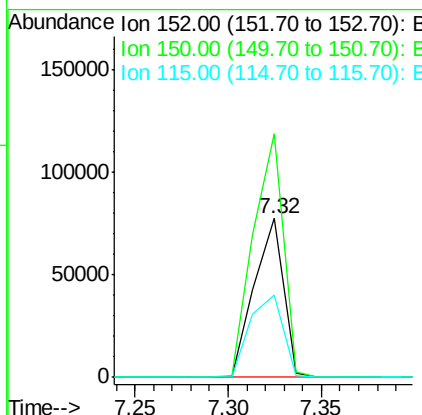
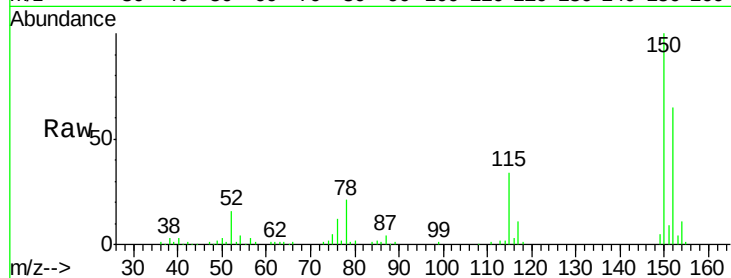




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

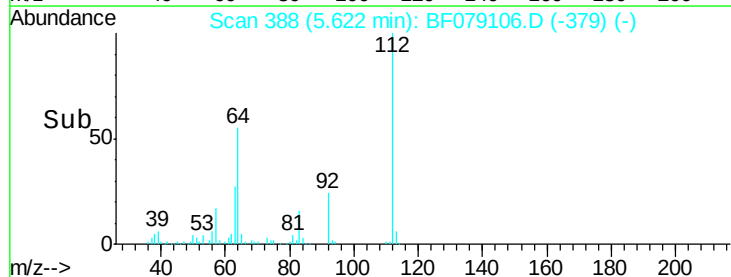
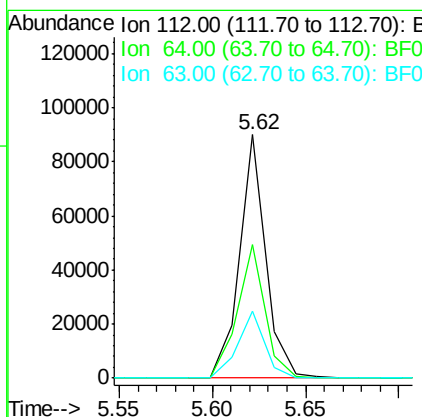
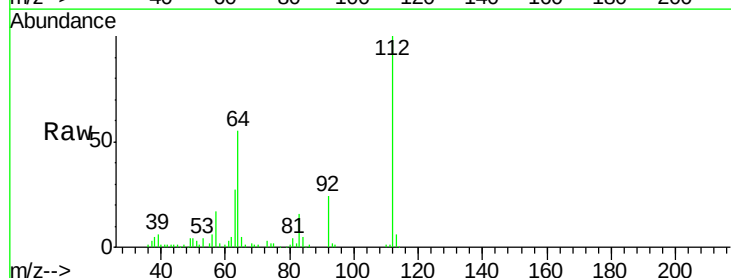
Instrument :
 BNA_F
 ClientSampleId :
 SW-019

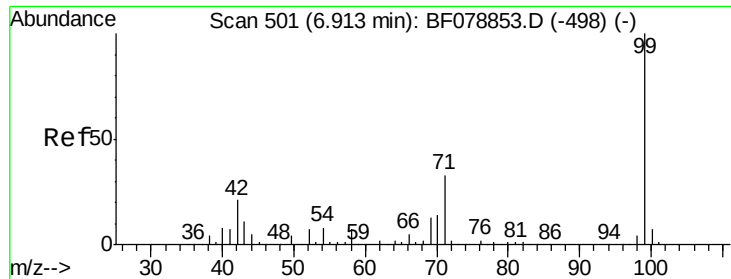
Tgt Ion:152 Resp: 83847
 Ion Ratio Lower Upper
 152 100
 150 153.2 122.0 183.0
 115 52.1 46.3 69.5



#5
 2-Fluorophenol
 Concen: 18.11 ng
 RT: 5.62 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Tgt Ion:112 Resp: 88225
 Ion Ratio Lower Upper
 112 100
 64 54.8 53.5 80.3
 63 27.4 27.5 41.3#





#7

Phenol-d6

Concen: 18.45 ng

RT: 6.88 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF079106.D

Acq: 10 May 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SW-019

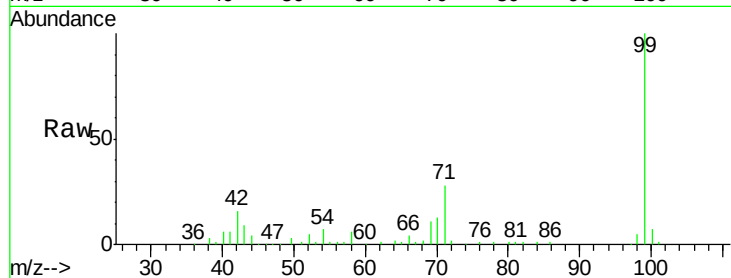
Tgt Ion: 99 Resp: 118782

Ion Ratio Lower Upper

99 100

42 15.6 12.8 19.2

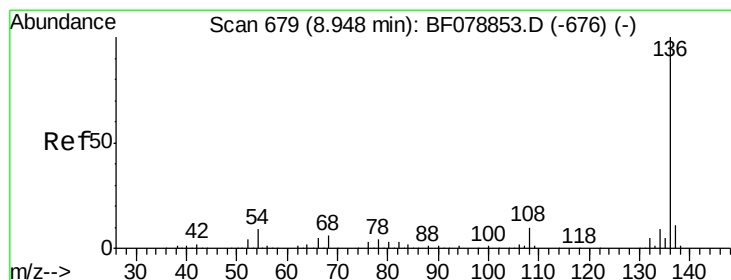
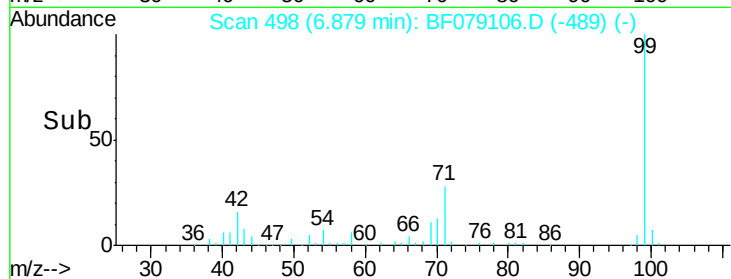
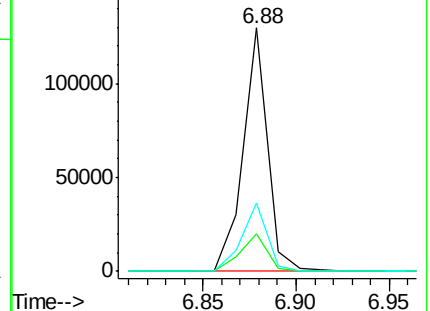
71 28.2 23.4 35.2



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: 8.90 min Scan# 675

Delta R.T. 0.01 min

Lab File: BF079106.D

Acq: 10 May 2015 3:34

Tgt Ion: 136 Resp: 336386

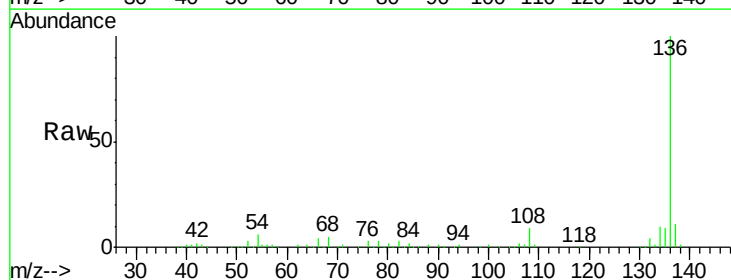
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 5.9 5.8 8.8

68 4.5 4.2 6.4

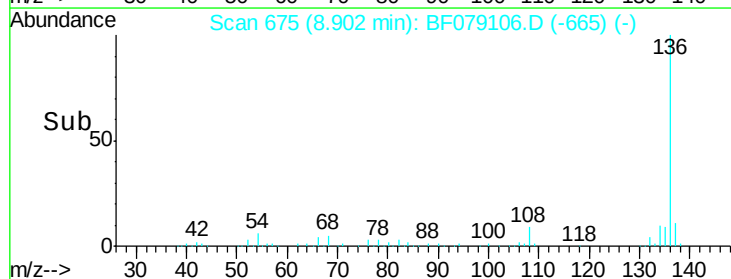
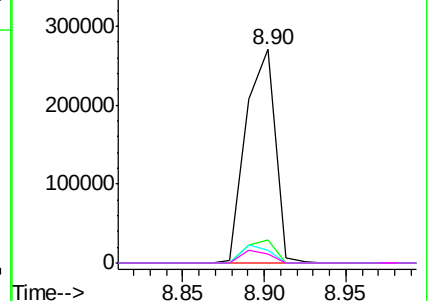


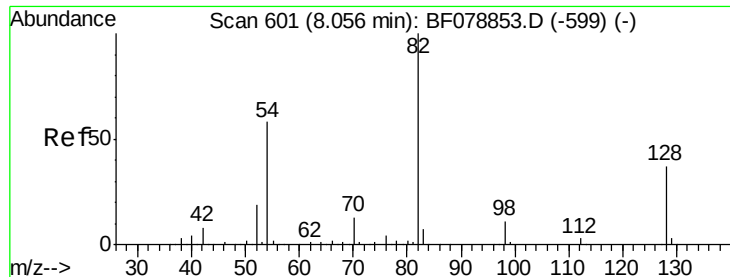
Abundance Ion 136.00 (135.70 to 136.70): E

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

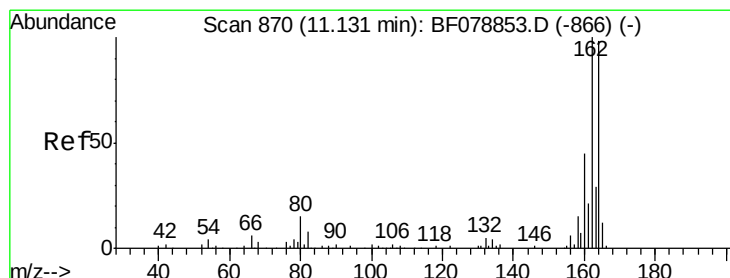
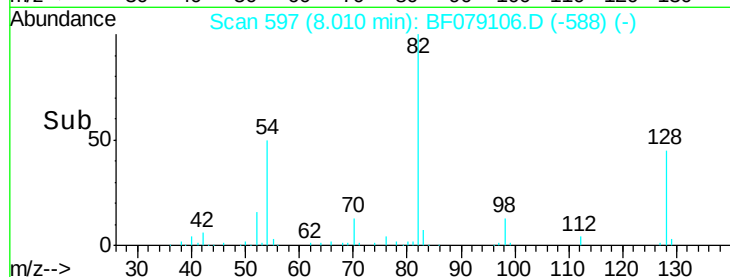
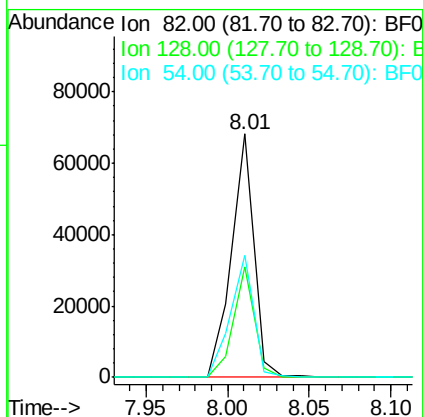
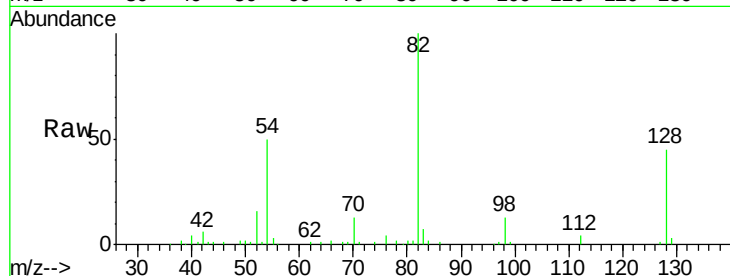




#23
 Nitrobenzene-d5
 Concen: 11.01 ng
 RT: 8.01 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

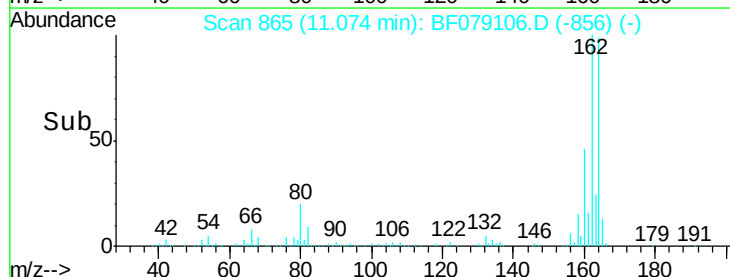
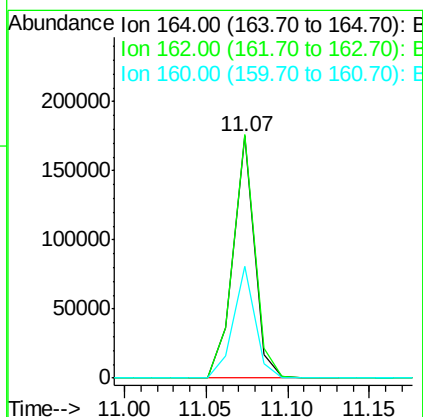
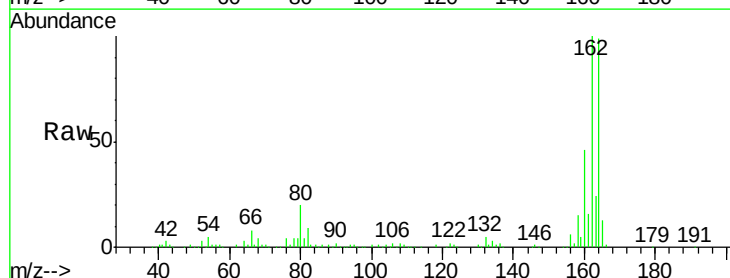
Instrument :
 BNA_F
 ClientSampled :
 SW-019

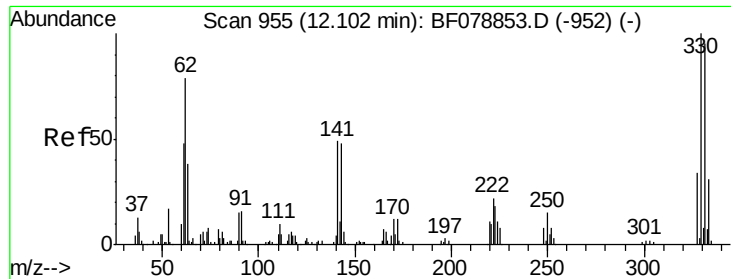
Tgt Ion: 82 Resp: 64428
 Ion Ratio Lower Upper
 82 100
 128 45.5 30.0 45.0#
 54 50.3 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Tgt Ion: 164 Resp: 158119
 Ion Ratio Lower Upper
 164 100
 162 100.5 82.7 124.1
 160 46.2 35.8 53.8

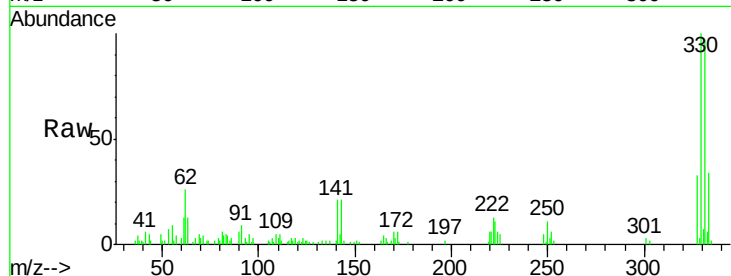




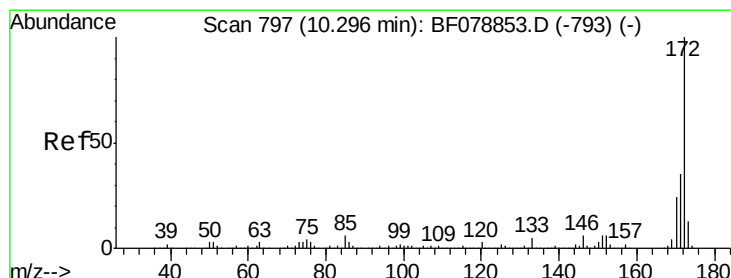
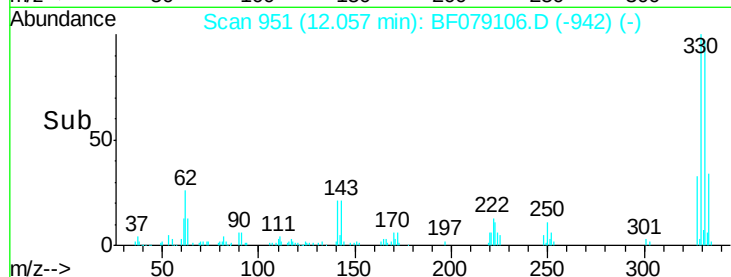
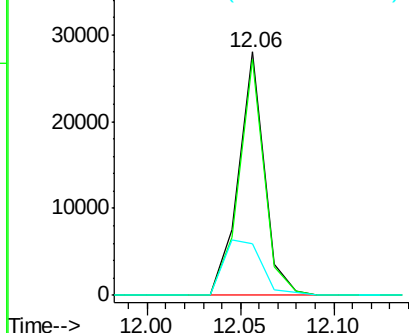
#41
 2,4,6-Tribromophenol
 Concen: 15.88 ng
 RT: 12.06 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SW-019

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	33.9	0.0	0.0#

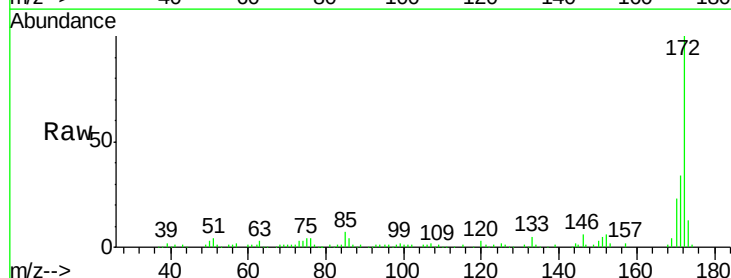


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

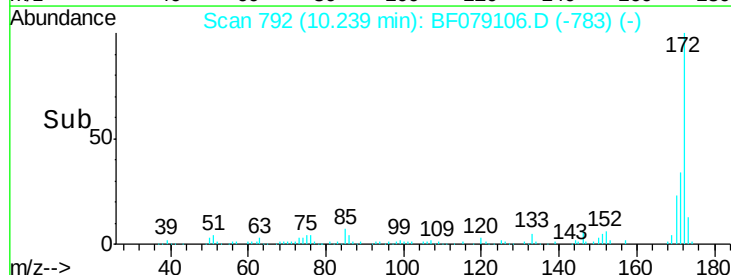
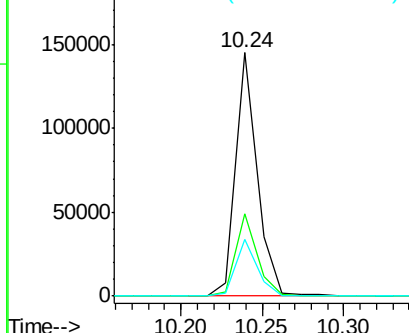


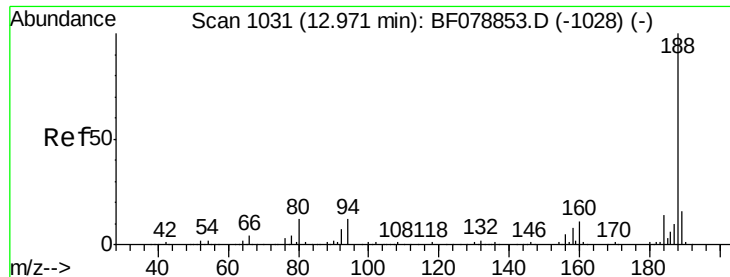
#44
 2-Fluorobiphenyl
 Concen: 11.62 ng
 RT: 10.24 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.1	27.9	41.9
170	23.2	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: 12.93 min Scan# 1027

Delta R.T. 0.01 min

Lab File: BF079106.D

Acq: 10 May 2015 3:34

Instrument :

BNA_F

ClientSampleId :

SW-019

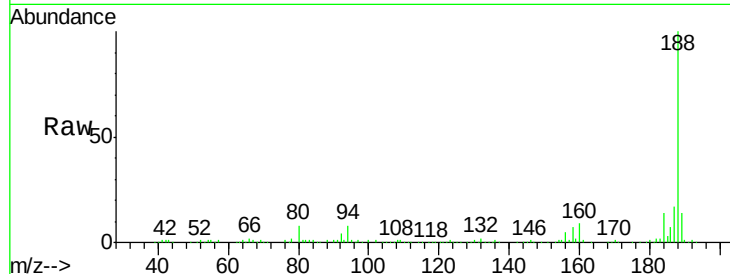
Tgt Ion:188 Resp: 284632

Ion Ratio Lower Upper

188 100

94 7.6 8.2 12.2#

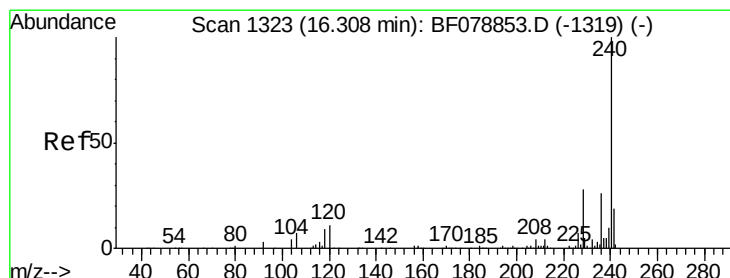
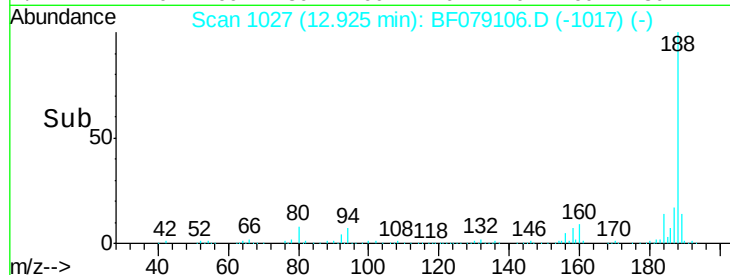
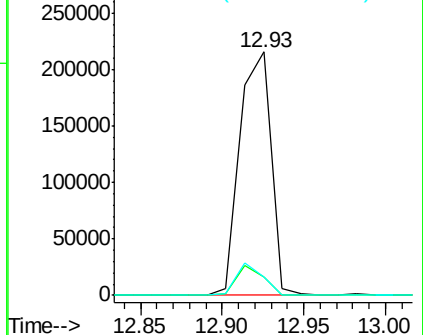
80 7.5 8.9 13.3#



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: 16.22 min Scan# 1315

Delta R.T. 0.01 min

Lab File: BF079106.D

Acq: 10 May 2015 3:34

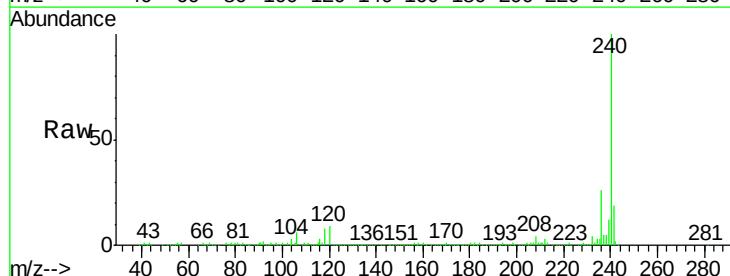
Tgt Ion:240 Resp: 289750

Ion Ratio Lower Upper

240 100

120 9.3 9.7 14.5#

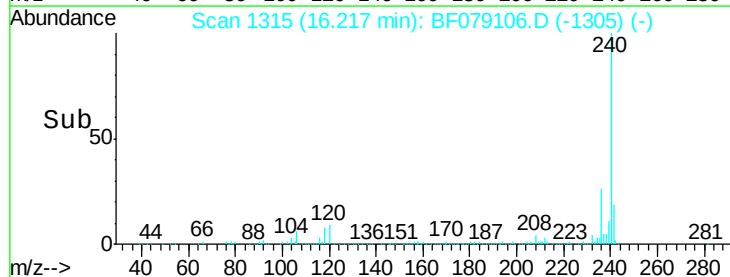
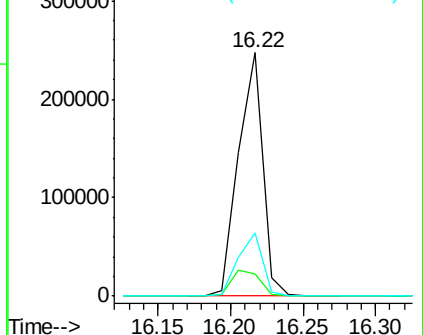
236 25.8 20.2 30.4

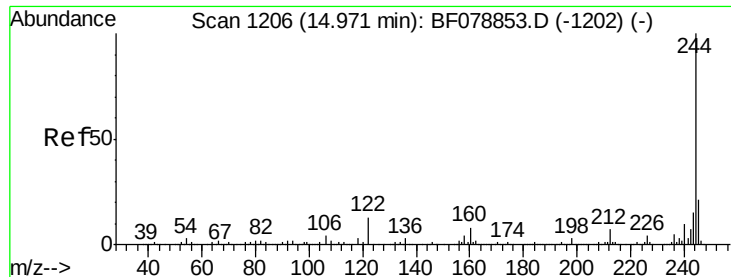


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

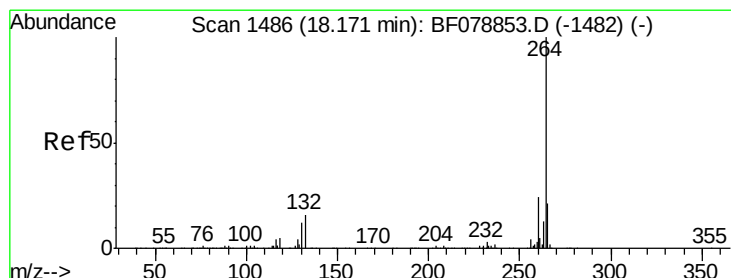
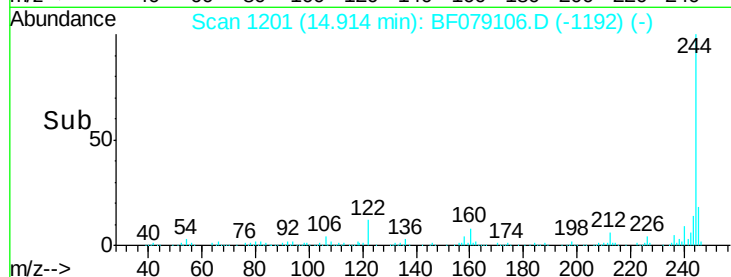
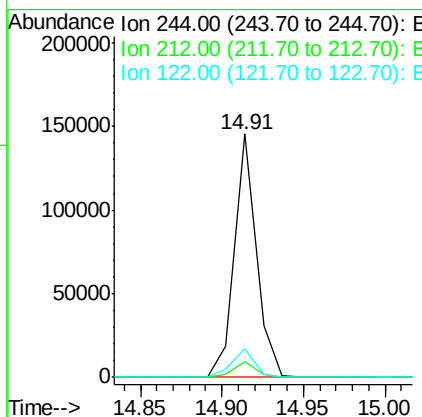
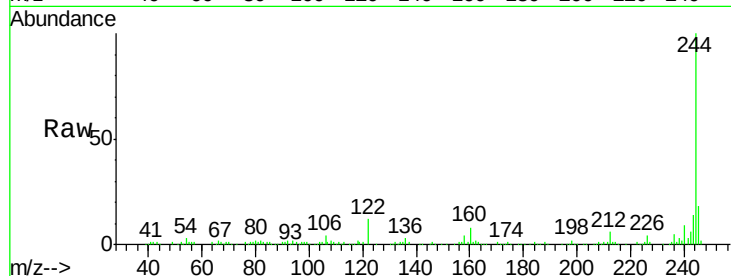




#78
 Terphenyl-d14
 Concen: 11.08 ng
 RT: 14.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Instrument :
 BNA_F
 ClientSampleId :
 SW-019

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.6	8.4
122	12.0	10.3	15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1467
 Delta R.T. 0.03 min
 Lab File: BF079106.D
 Acq: 10 May 2015 3:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.2
265	21.9	18.3	27.5

