

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078047.D
 Acq On : 27 Mar 2015 20:14
 Operator : TP/IZ
 Sample : PB82360BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BL

Quant Time: Mar 28 04:52:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	39501	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	164434	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	82486	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	163438	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	177986	20.00	ng	0.00
86) Perylene-d12	17.65	264	171412	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	278788	123.19	ng	0.01
7) Phenol-d6	6.67	99	342200	122.39	ng	0.00
23) Nitrobenzene-d5	7.77	82	191938	76.52	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	87395	110.74	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	431178	76.82	ng	0.00
78) Terphenyl-d14	14.65	244	549707	75.44	ng	0.00

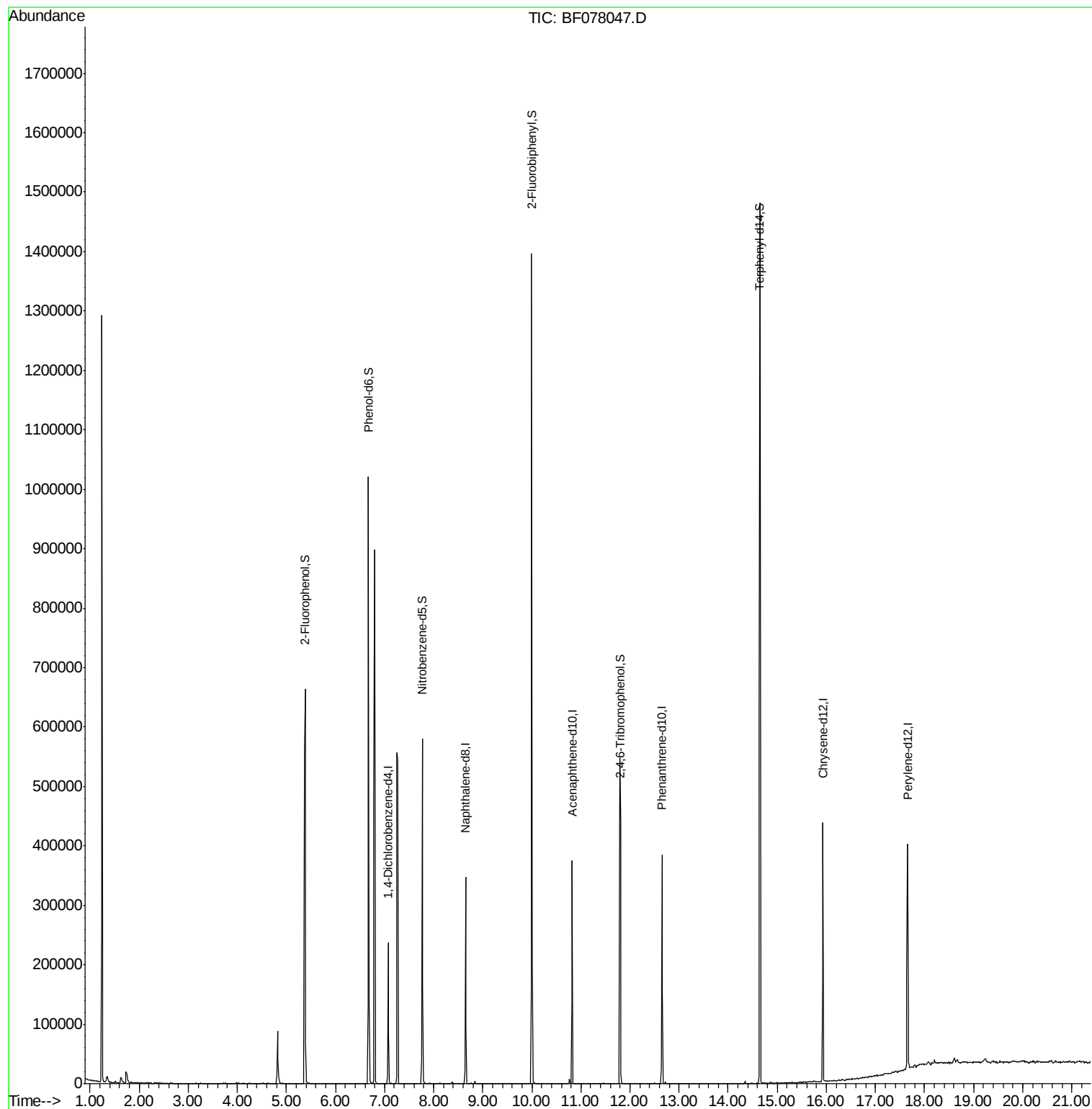
Target Compounds	Qvalue
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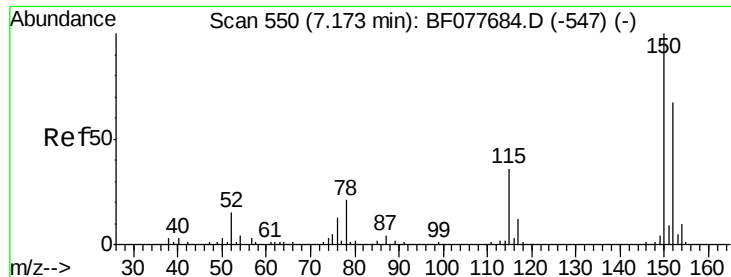
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82360BL

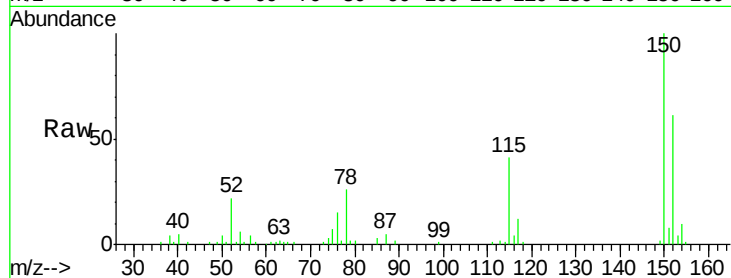
Tgt Ion:152 Resp: 39501

Ion Ratio Lower Upper

152 100

150 164.3 119.5 179.3

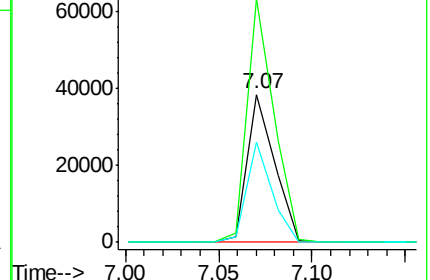
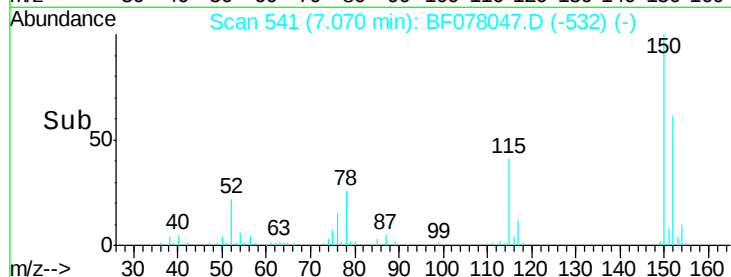
115 67.4 43.0 64.4#



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: 123.19 ng

RT: 5.38 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

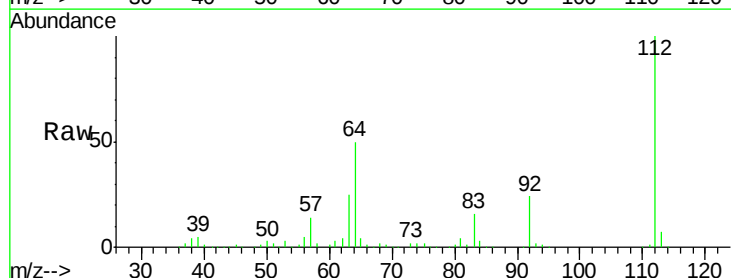
Tgt Ion:112 Resp: 278788

Ion Ratio Lower Upper

112 100

64 49.7 38.6 57.8

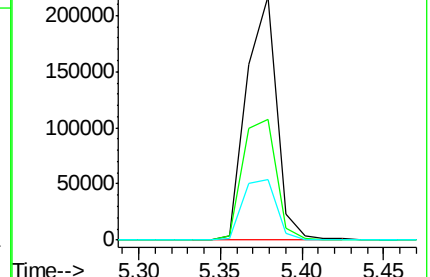
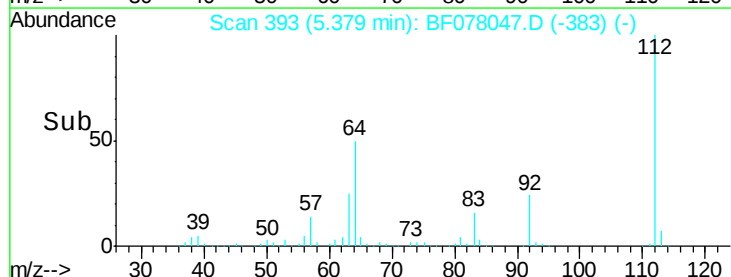
63 25.1 19.3 28.9



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: 122.39 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82360BL

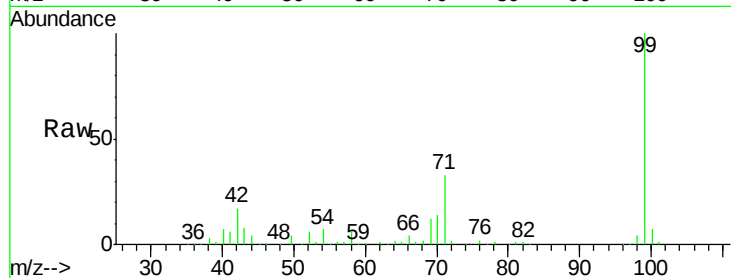
Tgt Ion: 99 Resp: 342200

Ion Ratio Lower Upper

99 100

42 17.2 11.0 16.4#

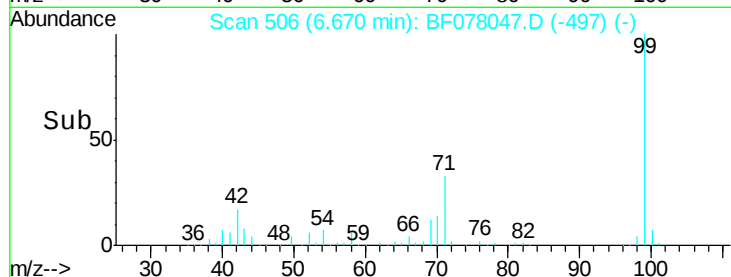
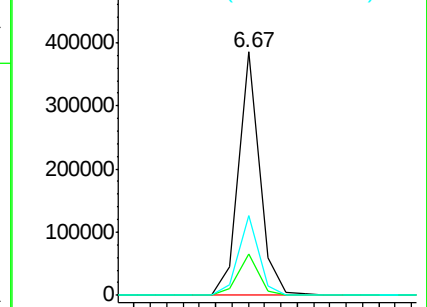
71 33.0 23.4 35.2



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: 8.65 min Scan# 679

Delta R.T. -0.00 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

Tgt Ion: 136 Resp: 164434

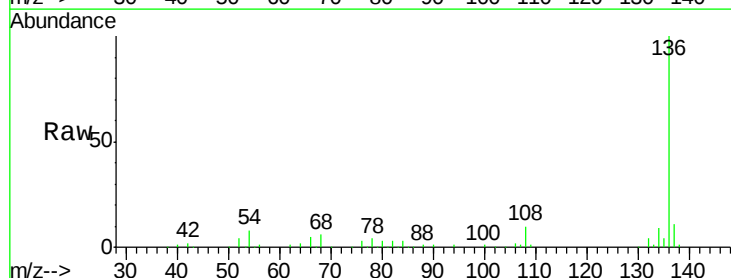
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 4.6 6.8#

68 6.2 3.7 5.5#

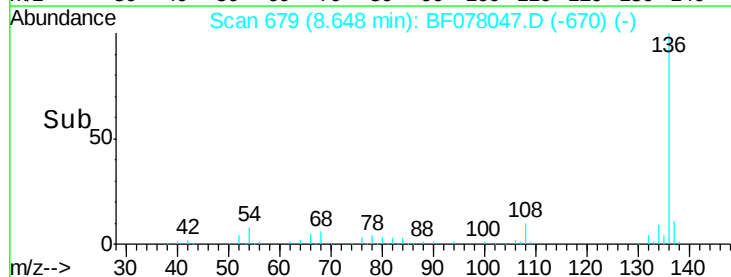
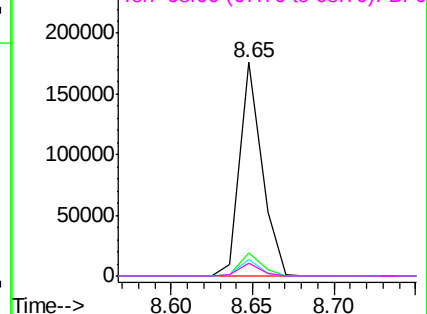


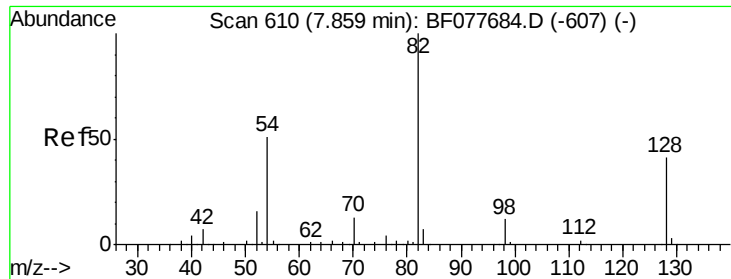
Abundance Ion 136.00 (135.70 to 136.70): E

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

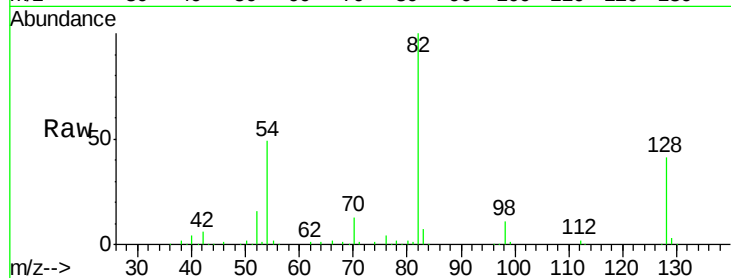




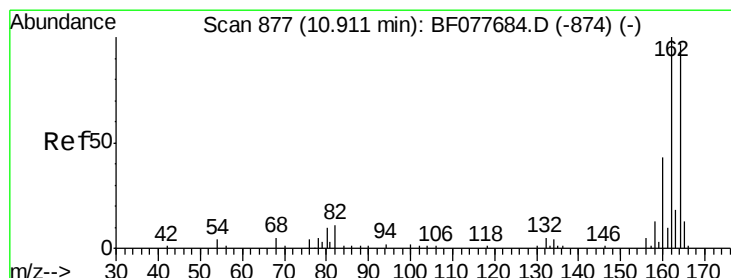
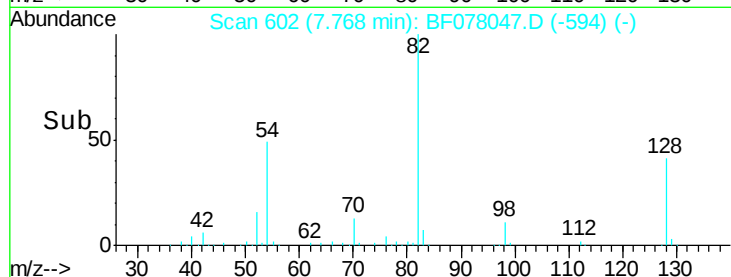
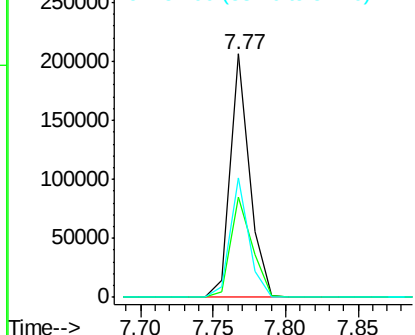
#23
 Nitrobenzene-d5
 Concen: 76.52 ng
 RT: 7.77 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampled :
 PB82360BL

Tgt Ion: 82 Resp: 191938
 Ion Ratio Lower Upper
 82 100
 128 41.1 32.8 49.2
 54 48.9 40.6 60.8

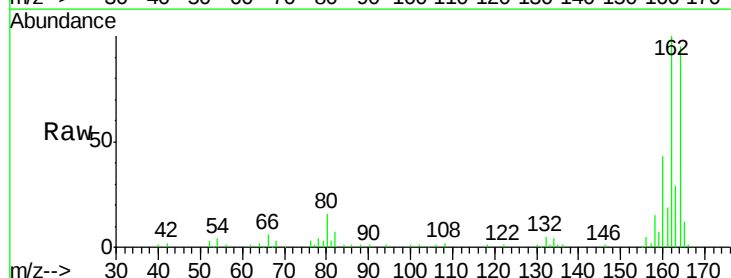


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

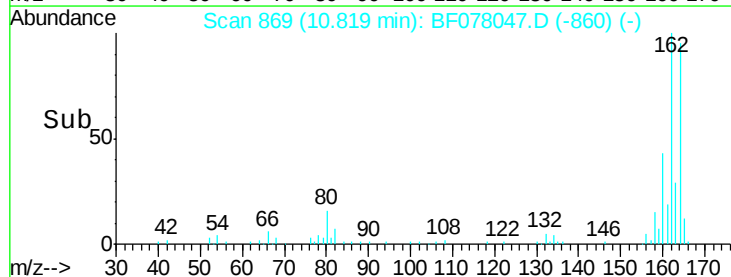
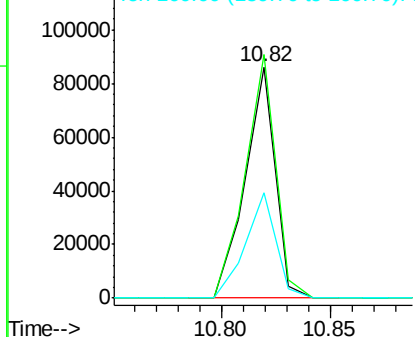


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.82 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Tgt Ion: 164 Resp: 82486
 Ion Ratio Lower Upper
 164 100
 162 105.3 82.4 123.6
 160 45.4 35.8 53.6



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

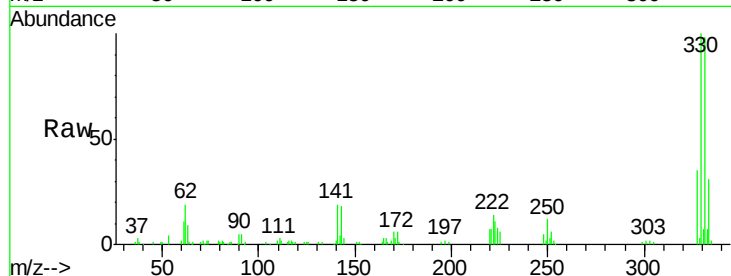




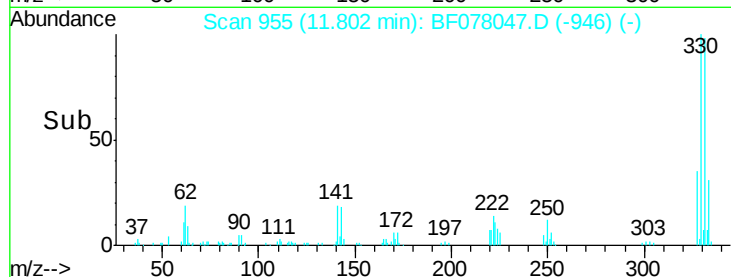
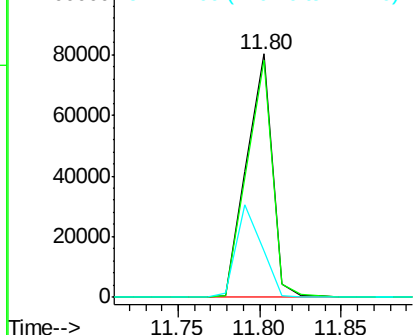
#41
 2,4,6-Tribromophenol
 Concen: 110.74 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BL

Tgt Ion:330 Resp: 87395
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 37.7 0.0 0.0#

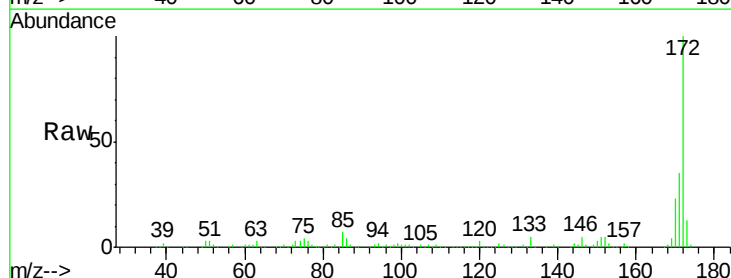


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

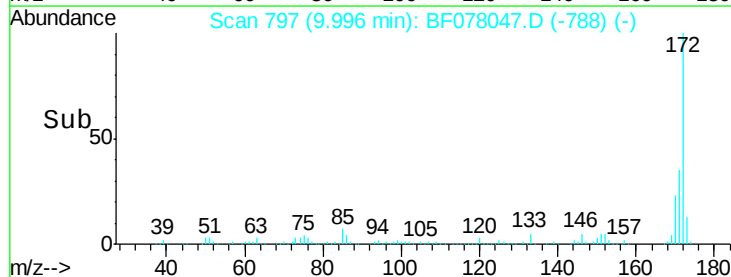
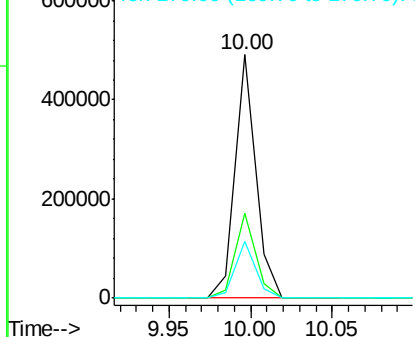


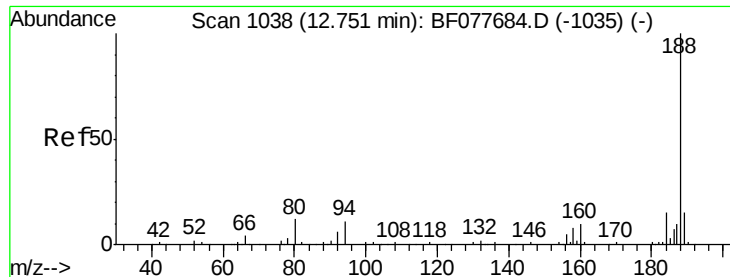
#44
 2-Fluorobiphenyl
 Concen: 76.82 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Tgt Ion:172 Resp: 431178
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.1 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: 12.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

Instrument :

BNA_F

ClientSampleId :

PB82360BL

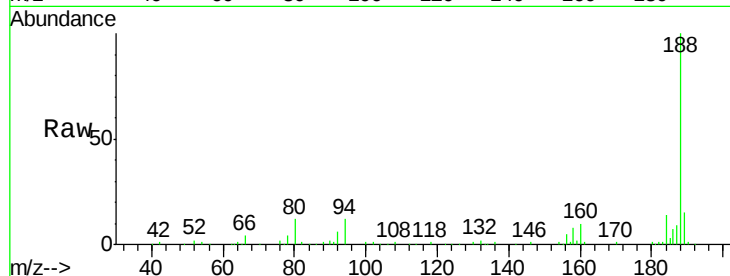
Tgt Ion:188 Resp: 163438

Ion Ratio Lower Upper

188 100

94 11.5 8.7 13.1

80 12.3 9.3 13.9



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

12.65

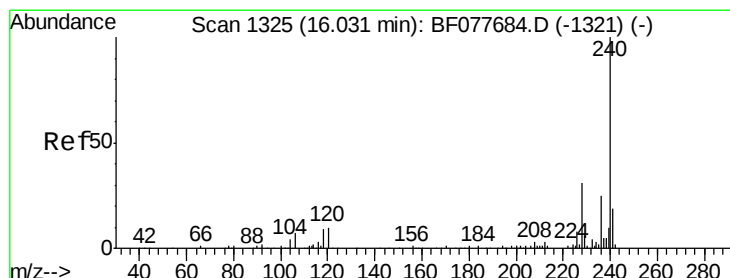
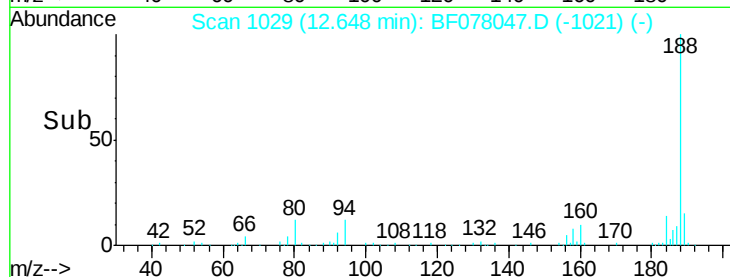
150000

100000

50000

0

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF078047.D

Acq: 27 Mar 2015 20:14

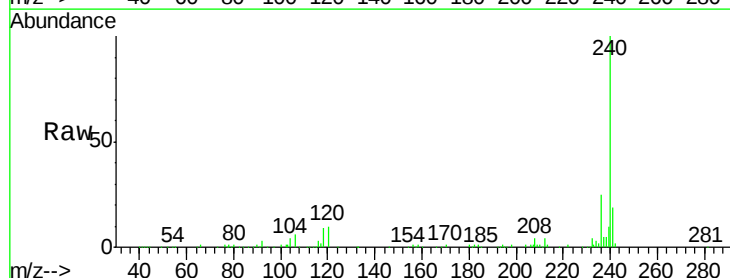
Tgt Ion:240 Resp: 177986

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

236 24.9 20.0 30.0



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

15.93

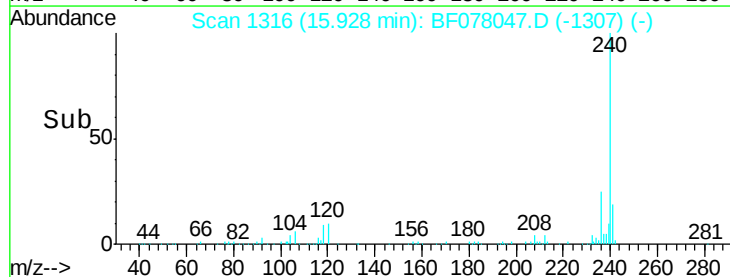
150000

100000

50000

0

Time-->

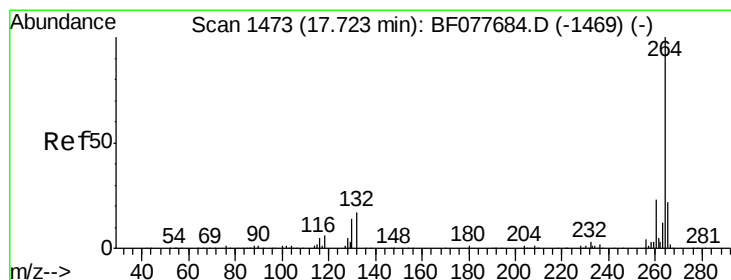
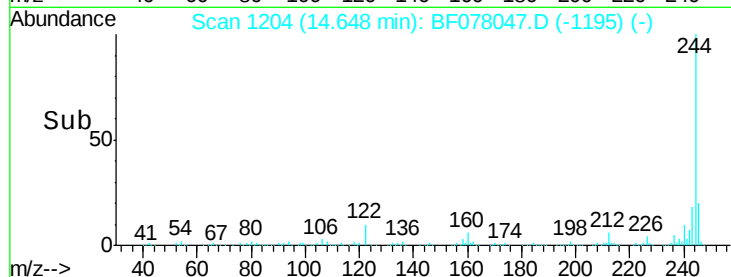
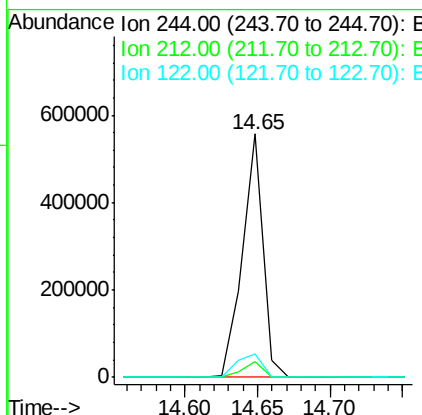
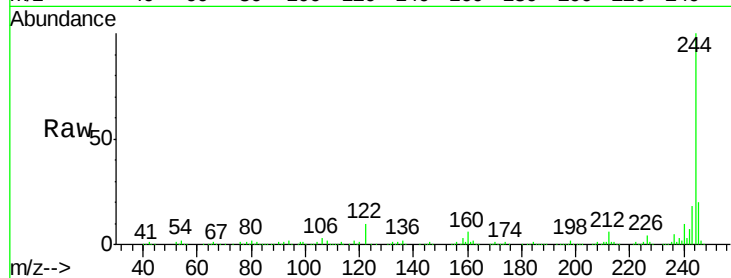




#78
 Terphenyl-d14
 Concen: 75.44 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Instrument :
 BNA_F
 ClientSampleId :
 PB82360BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	4.9	7.3
122	9.9	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.65 min Scan# 1467
 Delta R.T. 0.03 min
 Lab File: BF078047.D
 Acq: 27 Mar 2015 20:14

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.7	17.3	25.9

