

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020615\
 Data File : BF077213.D
 Acq On : 6 Feb 2015 21:29
 Operator : TP/IZ
 Sample : G1212-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

Quant Time: Feb 07 00:23:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 07 00:15:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29276	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	126252	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	67769	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	121074	20.00	ng	0.00
75) Chrysene-d12	21.05	240	119621	20.00	ng	0.00
86) Perylene-d12	22.68	264	106494	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	146290	82.16	ng	0.00
7) Phenol-d6	7.06	99	185030	82.37	ng	0.00
23) Nitrobenzene-d5	8.94	82	108833	47.76	ng	0.00
41) 2,4,6-Tribromophenol	16.42	330	41545	75.52	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	212273	47.67	ng	0.00
78) Terphenyl-d14	19.79	244	227318	43.75	ng	0.00

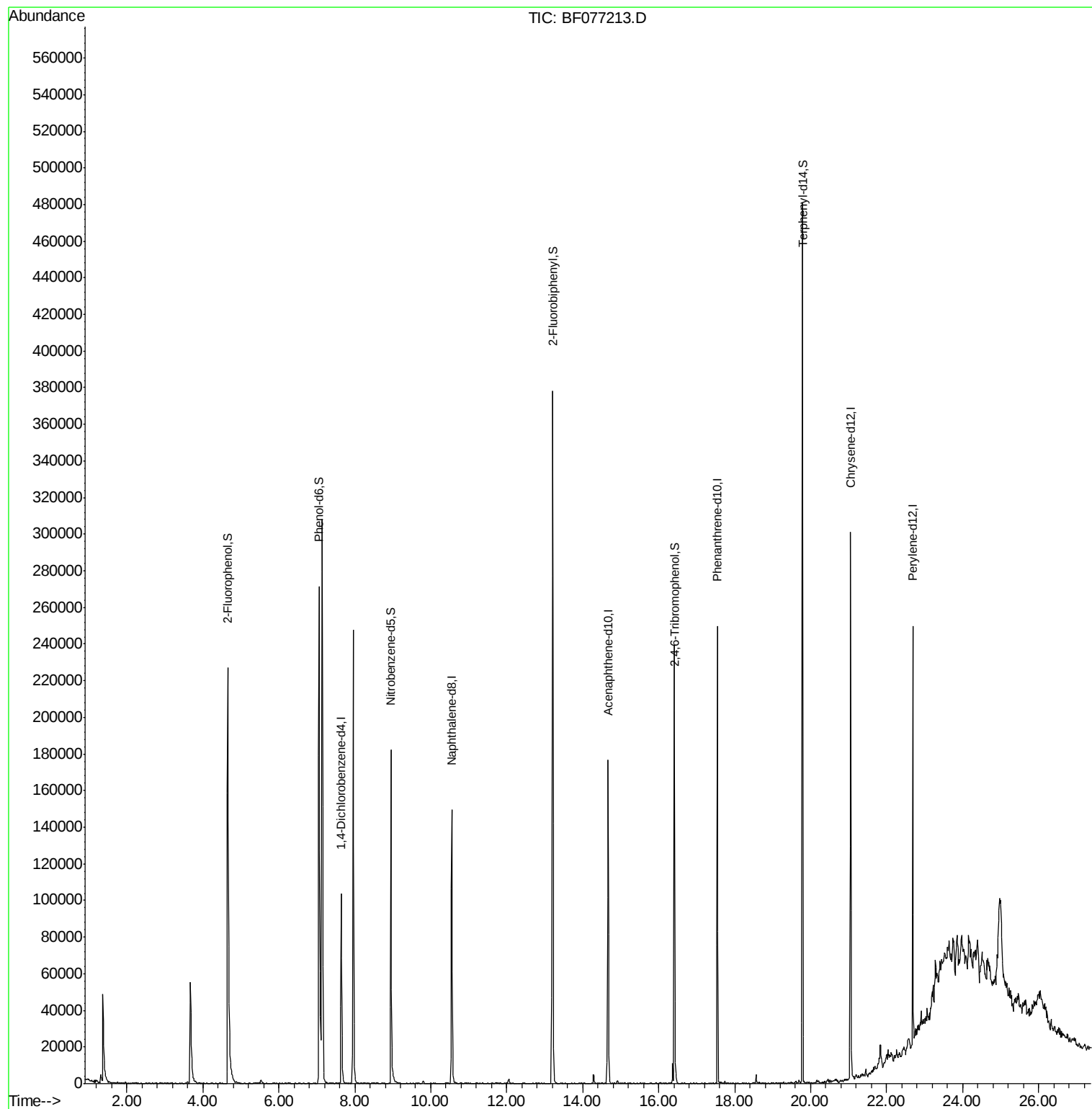
Target Compounds	Qvalue
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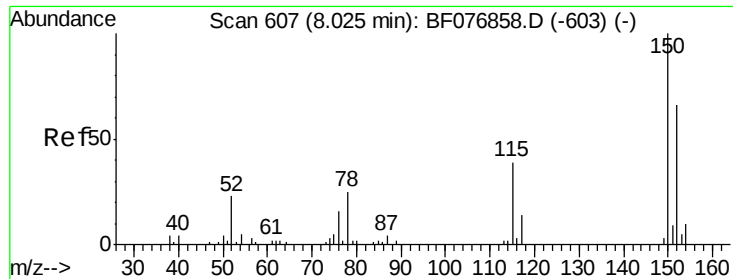
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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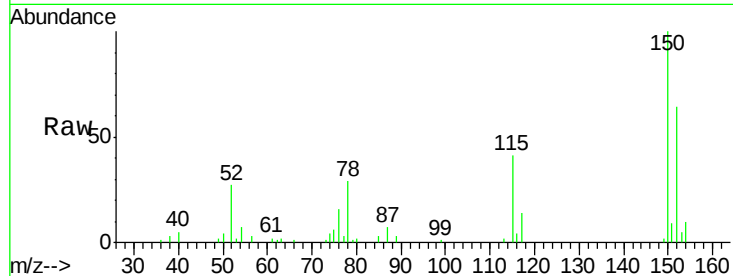


#1

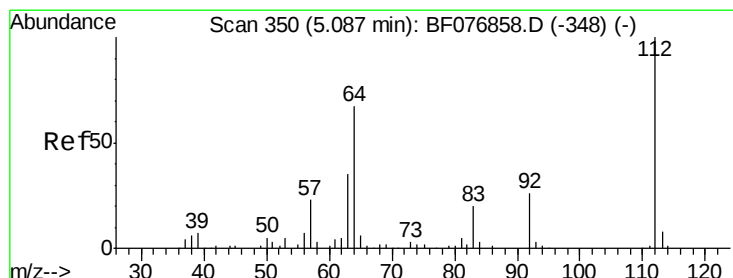
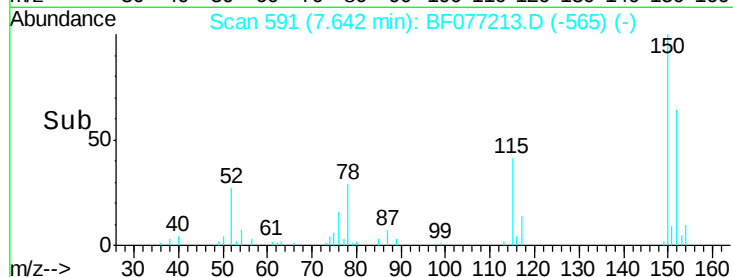
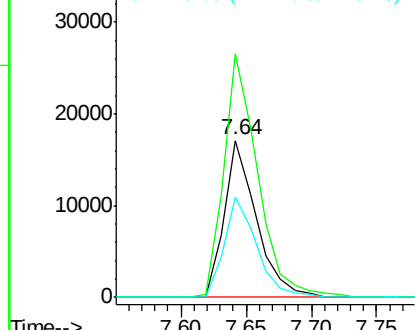
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A1A-A2A-A3A-A4A

Tgt Ion:152 Resp: 29276
Ion Ratio Lower Upper
152 100
150 155.2 121.7 182.5
115 63.7 47.0 70.6



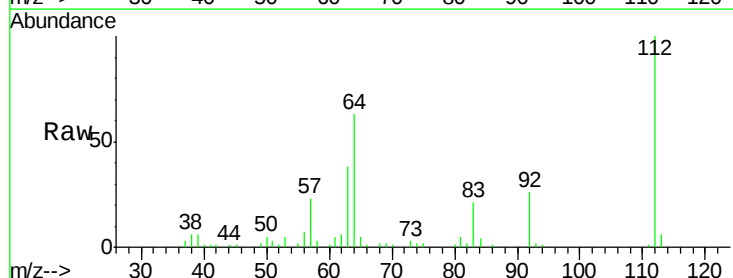
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



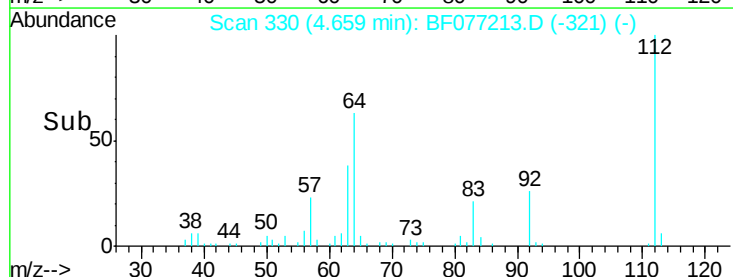
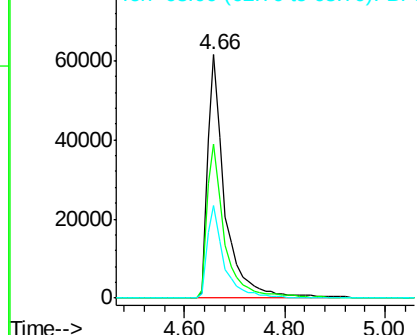
#5

2-Fluorophenol
Concen: 82.16 ng
RT: 4.66 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF077213.D
Acq: 6 Feb 2015 21:29

Tgt Ion:112 Resp: 146290
Ion Ratio Lower Upper
112 100
64 63.3 54.2 81.4
63 37.9 28.4 42.6



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: 82.37 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4A

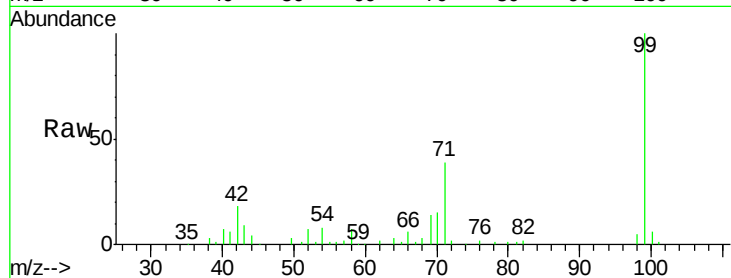
Tgt Ion: 99 Resp: 185030

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

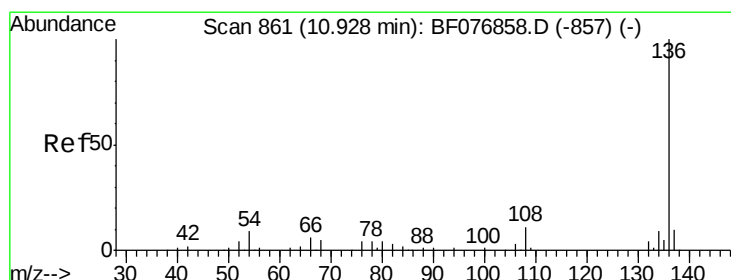
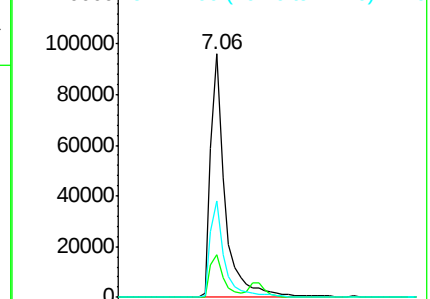
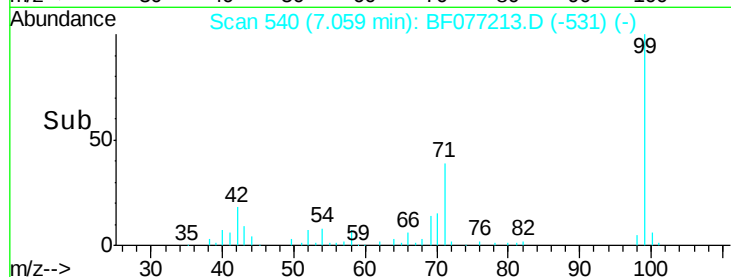
71 39.4 30.5 45.7



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: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Tgt Ion: 136 Resp: 126252

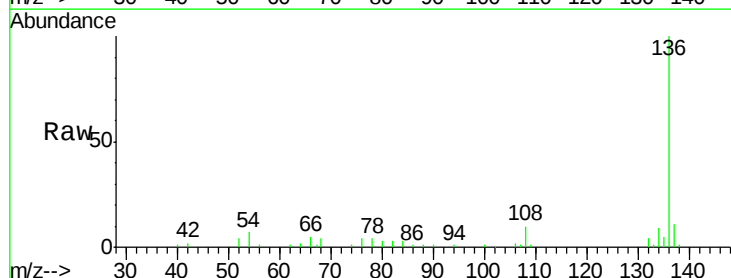
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.5 7.0 10.4

68 3.9 3.7 5.5

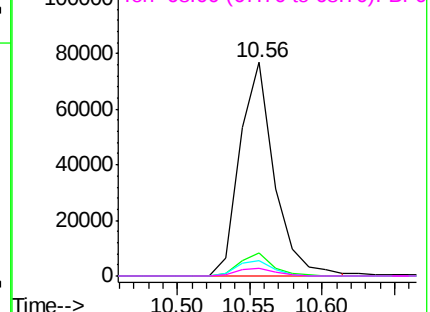
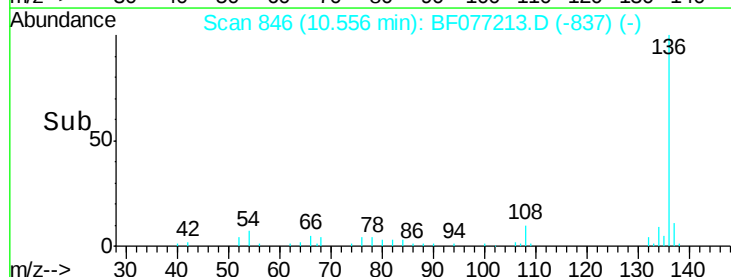


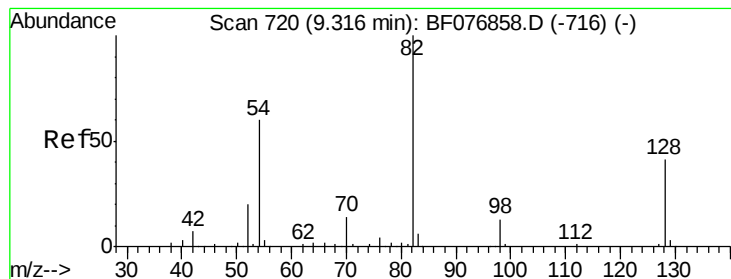
Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.76 ng

RT: 8.94 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A1A-A2A-A3A-A4A

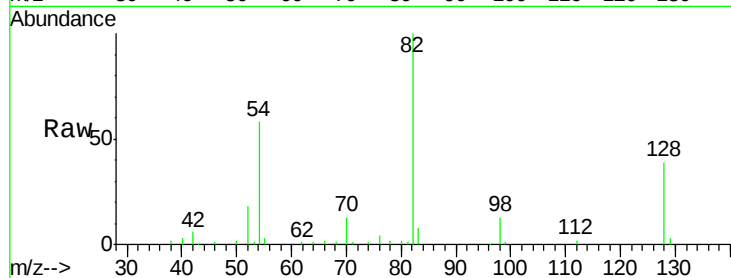
Tgt Ion: 82 Resp: 108833

Ion Ratio Lower Upper

82 100

128 39.0 33.1 49.7

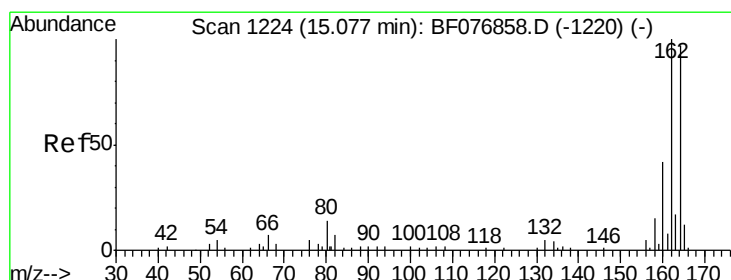
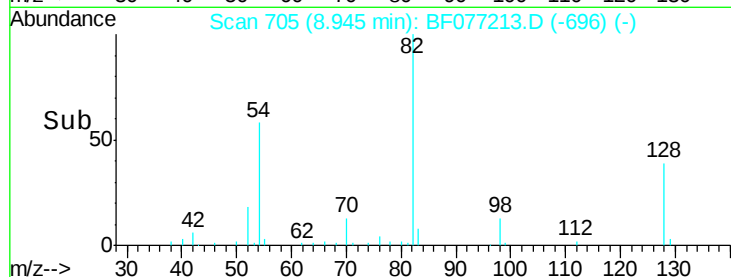
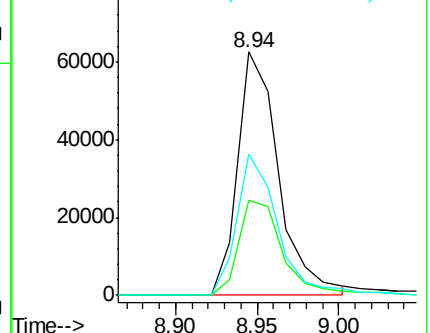
54 58.1 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077213.D

Acq: 6 Feb 2015 21:29

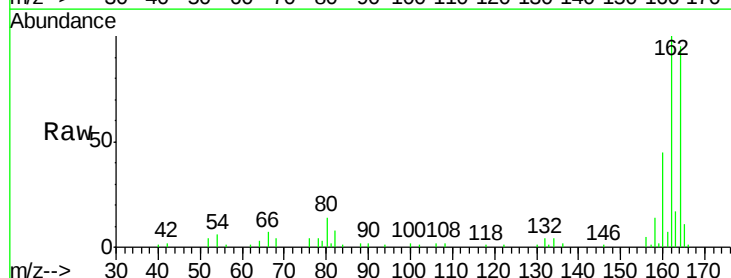
Tgt Ion: 164 Resp: 67769

Ion Ratio Lower Upper

164 100

162 105.1 82.4 123.6

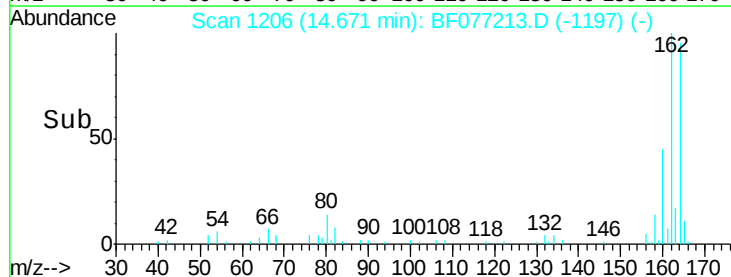
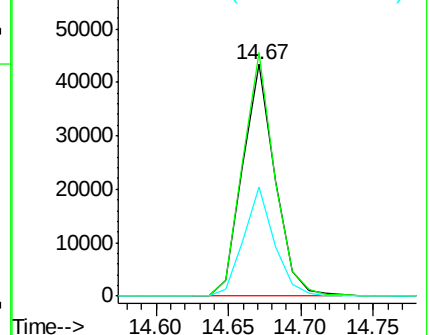
160 47.0 34.8 52.2



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

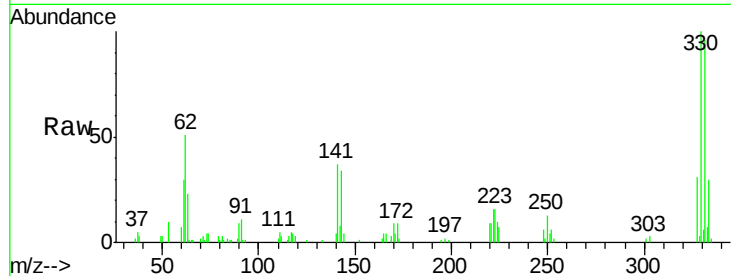




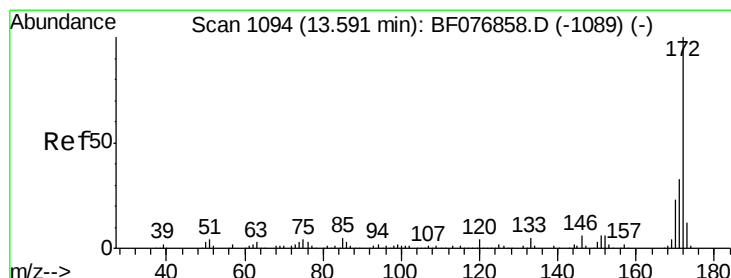
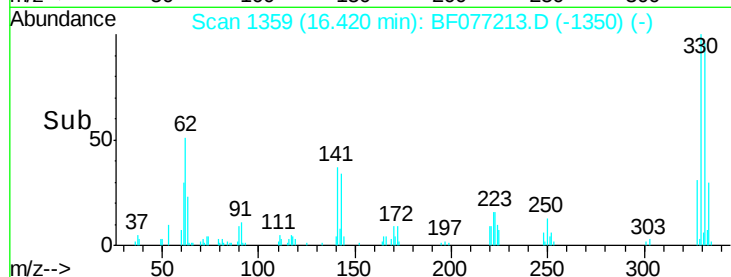
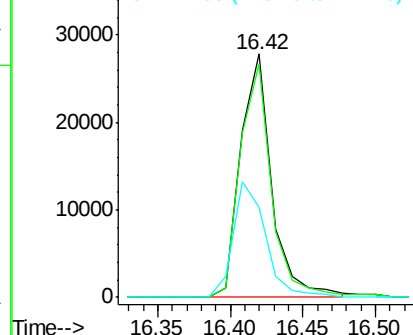
#41
 2,4,6-Tribromophenol
 Concen: 75.52 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

Tgt Ion:330 Resp: 41545
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.8 116.6
 141 49.3 38.5 57.7

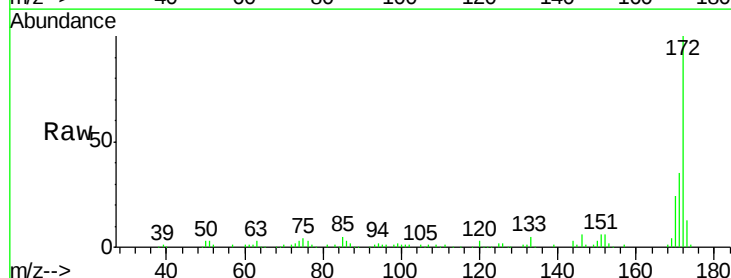


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

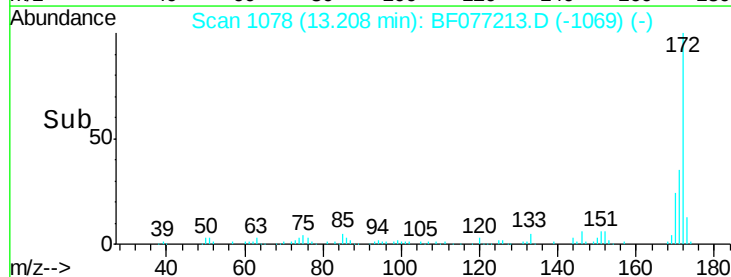
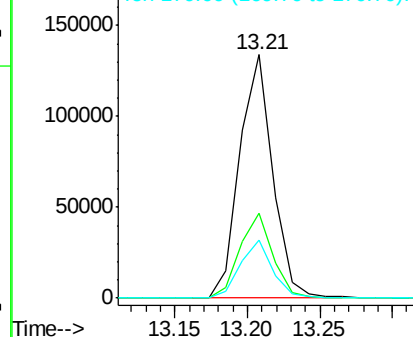


#44
 2-Fluorobiphenyl
 Concen: 47.67 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Tgt Ion:172 Resp: 212273
 Ion Ratio Lower Upper
 172 100
 171 34.7 26.6 40.0
 170 23.6 18.0 27.0



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

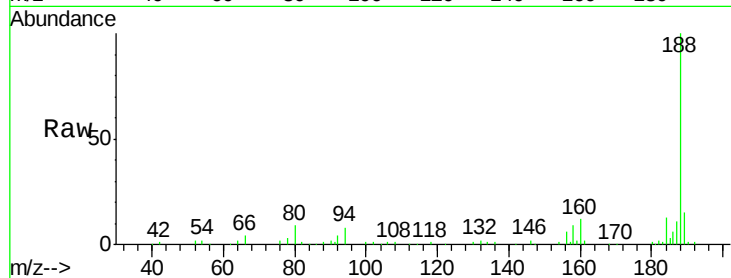




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

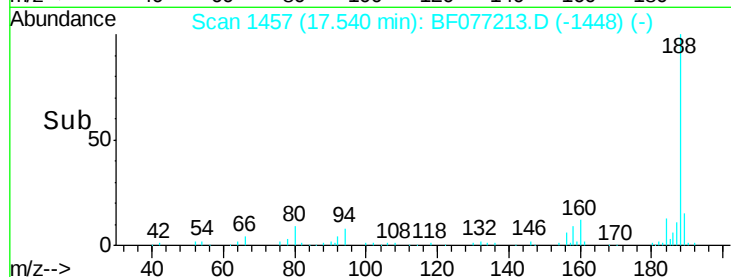
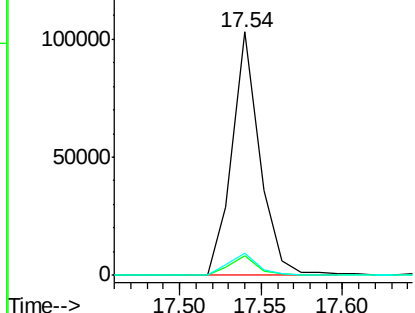
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.0	9.0
80	8.9	6.9	10.3



Abundance Ion 188.00 (187.70 to 188.70): E

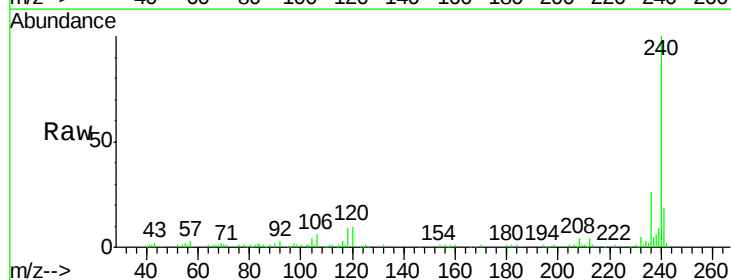
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.05 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

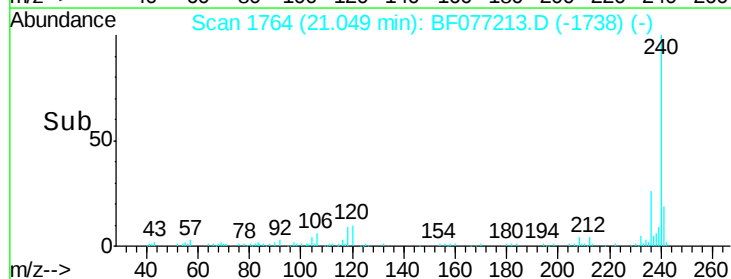
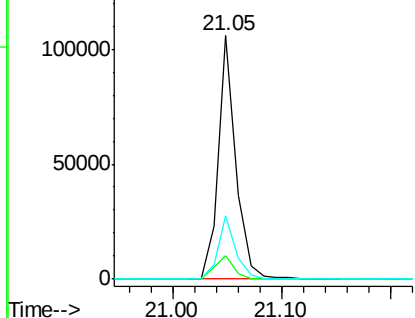
Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	10.4	15.6#
236	25.7	20.2	30.2



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

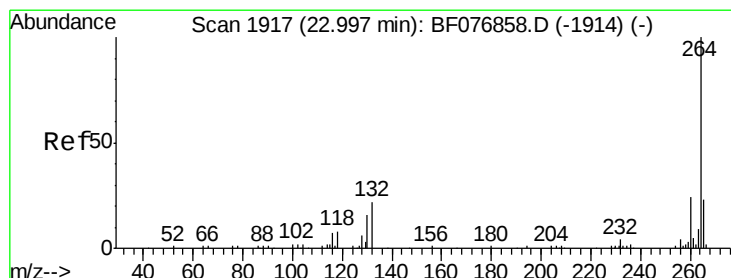
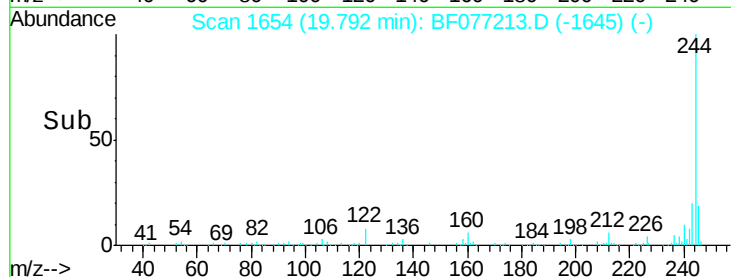
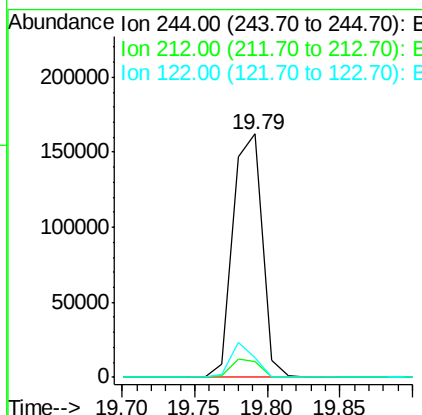
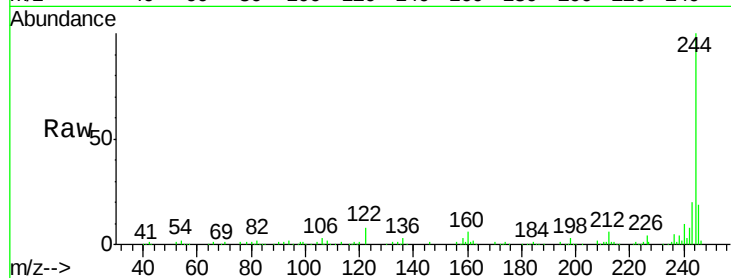




#78
 Terphenyl-d14
 Concen: 43.75 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A1A-A2A-A3A-A4A

Tgt Ion:244 Resp: 227318
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.3 9.5
 122 8.3 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.68 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: BF077213.D
 Acq: 6 Feb 2015 21:29

Tgt Ion:264 Resp: 106494
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.0 28.4
 265 21.3 18.1 27.1

