

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077057.D
 Acq On : 26 Jan 2015 17:30
 Operator : TP/IZ
 Sample : PB81510BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81510BL

Quant Time: Jan 27 00:53:41 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 27 00:12:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	22137	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	88116	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	41815	20.00	ng	0.00
63) Phenanthrene-d10	17.64	188	80769	20.00	ng	0.00
75) Chrysene-d12	21.13	240	78786	20.00	ng	-0.01
86) Perylene-d12	22.78	264	72955	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	156297	116.08	ng	0.00
7) Phenol-d6	7.17	99	191680	112.85	ng	0.00
23) Nitrobenzene-d5	9.06	82	118247	74.35	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	45525	134.12	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	239731	87.25	ng	0.00
78) Terphenyl-d14	19.88	244	275414	80.48	ng	0.00

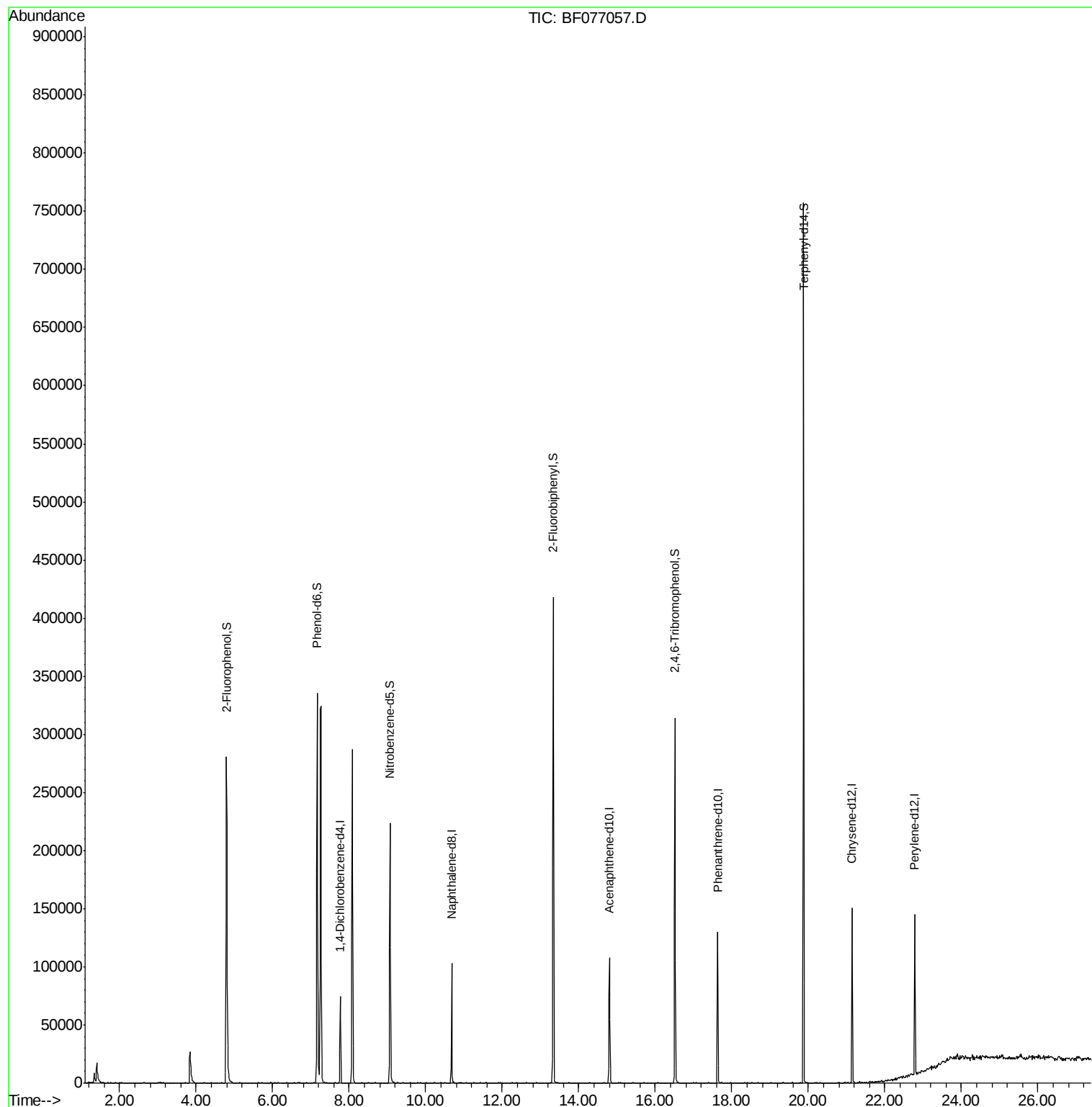
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 584

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

Instrument :

BNA_F

ClientSampled :

PB81510BL

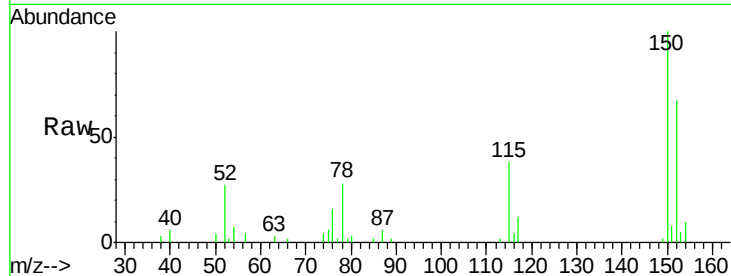
Tgt Ion:152 Resp: 22137

Ion Ratio Lower Upper

152 100

150 148.6 121.7 182.5

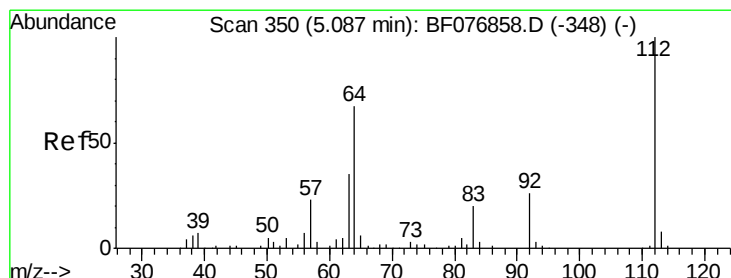
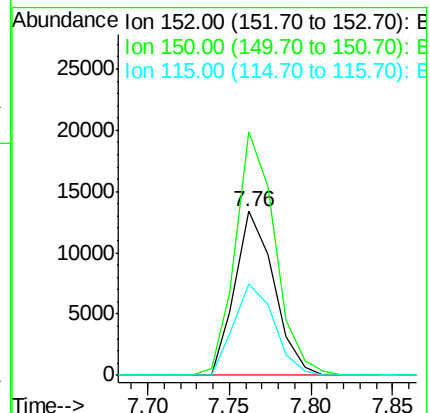
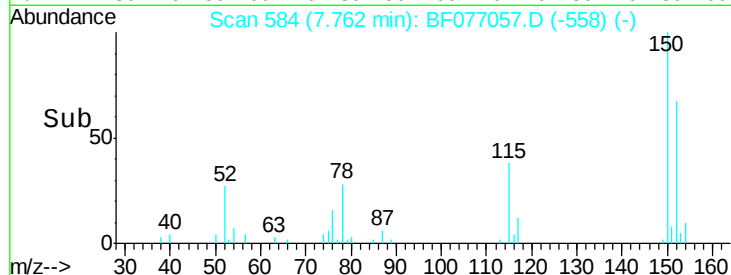
115 55.8 47.0 70.6



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: 116.08 ng

RT: 4.79 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

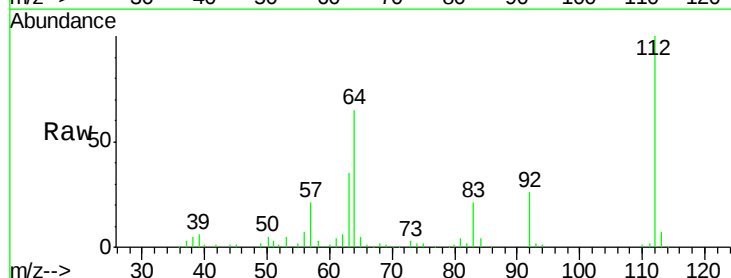
Tgt Ion:112 Resp: 156297

Ion Ratio Lower Upper

112 100

64 65.1 54.2 81.4

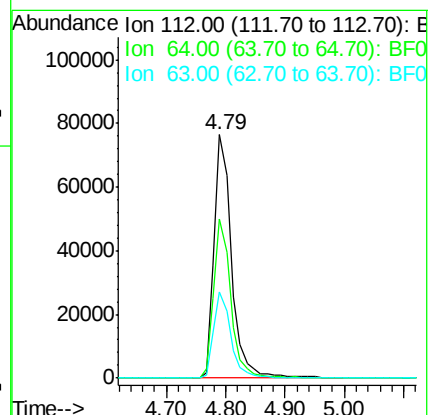
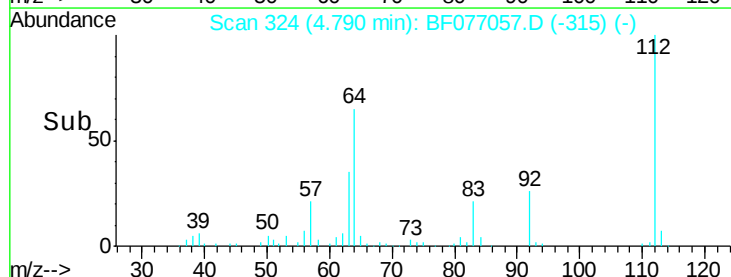
63 35.4 28.4 42.6



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: 112.85 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

Instrument :

BNA_F

ClientSampleId :

PB81510BL

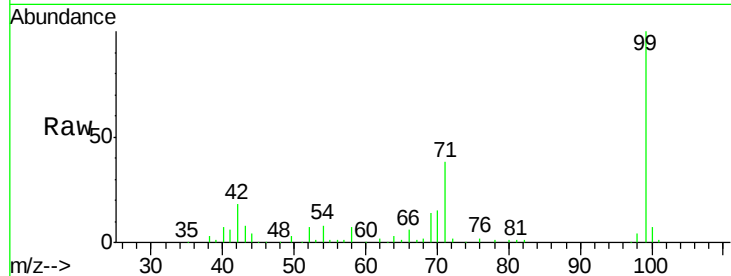
Tgt Ion: 99 Resp: 191680

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

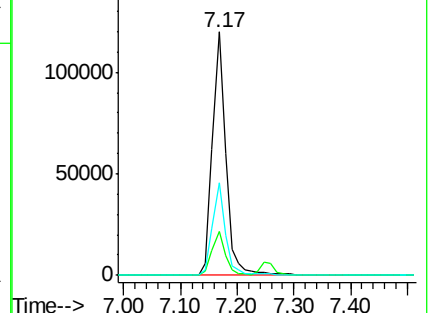
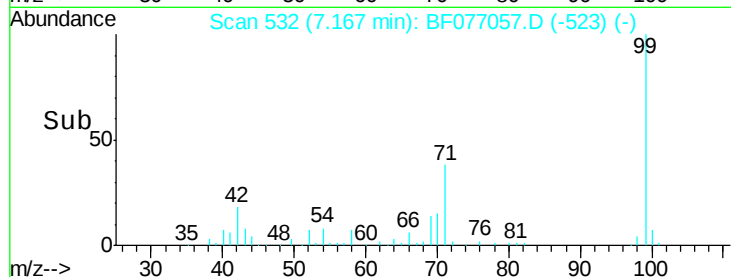
71 37.9 30.5 45.7



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: 10.68 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

Tgt Ion: 136 Resp: 88116

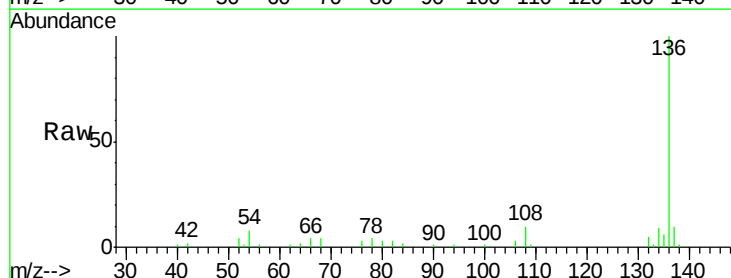
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 8.2 7.0 10.4

68 3.8 3.7 5.5

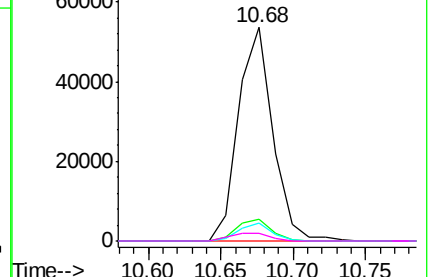
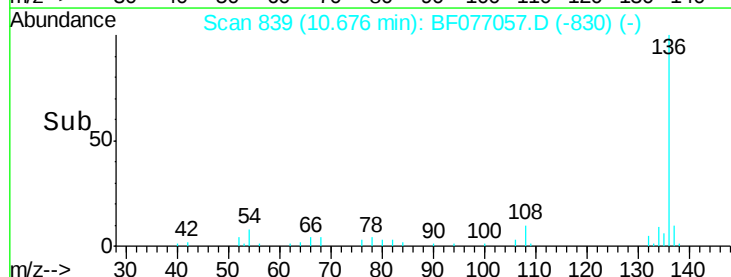


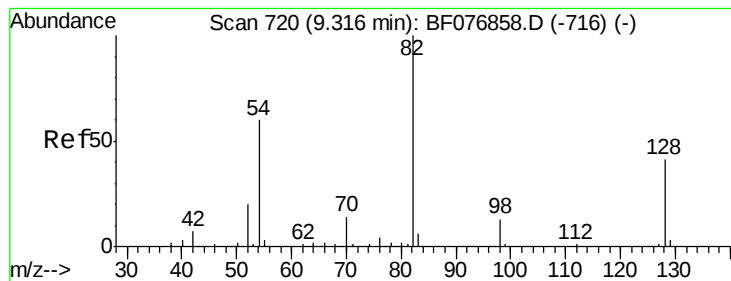
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.35 ng

RT: 9.06 min Scan# 698

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

Instrument :

BNA_F

ClientSampleId :

PB81510BL

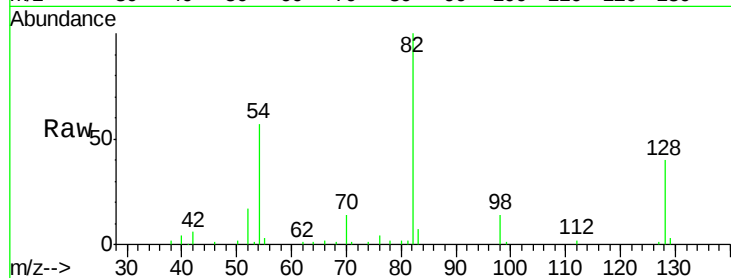
Tgt Ion: 82 Resp: 118247

Ion Ratio Lower Upper

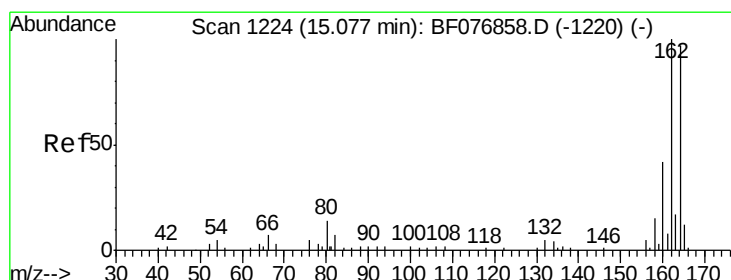
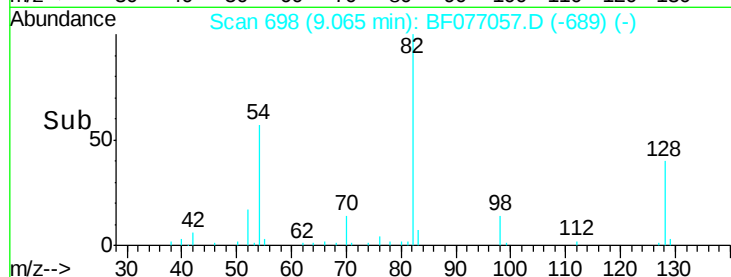
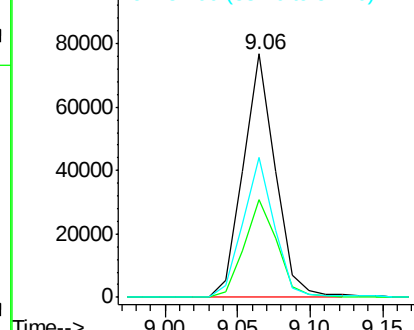
82 100

128 39.9 33.1 49.7

54 57.5 48.3 72.5



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: 14.80 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BF077057.D

Acq: 26 Jan 2015 17:30

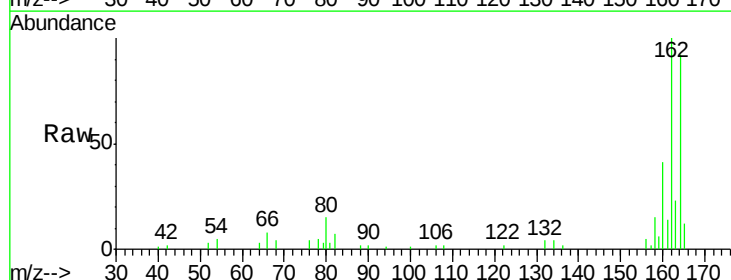
Tgt Ion: 164 Resp: 41815

Ion Ratio Lower Upper

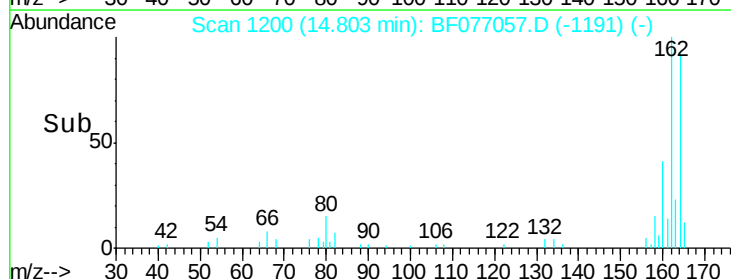
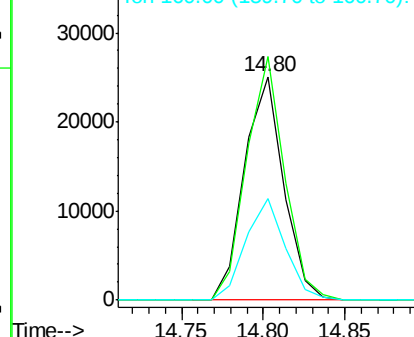
164 100

162 109.0 82.4 123.6

160 45.2 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

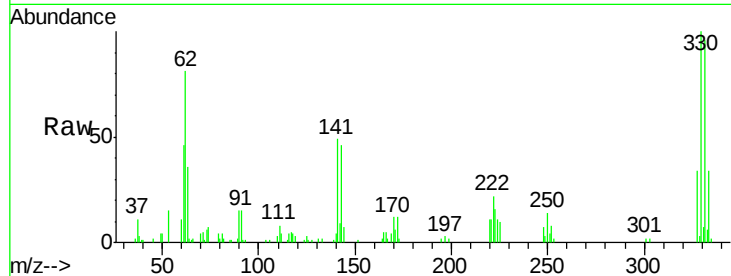




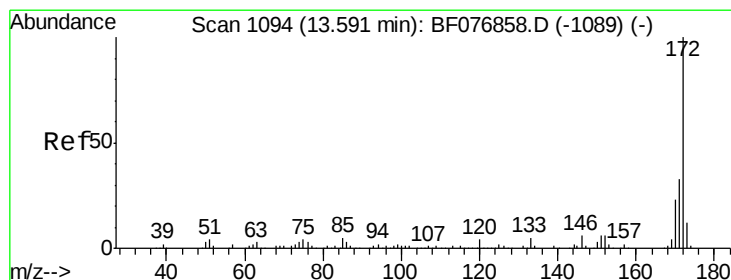
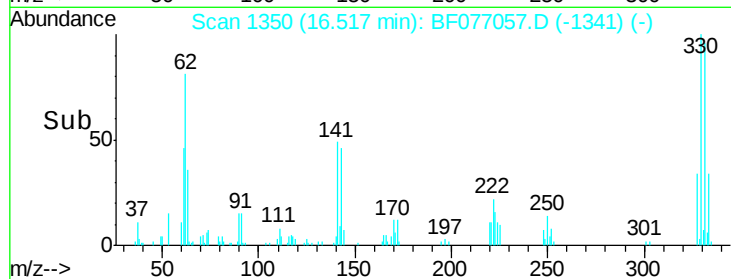
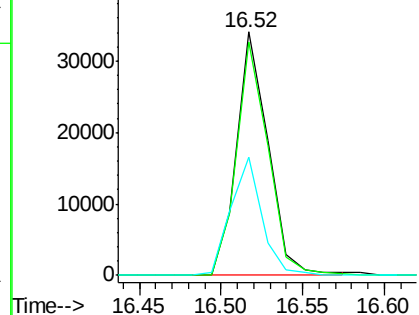
#41
 2,4,6-Tribromophenol
 Concen: 134.12 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077057.D
 Acq: 26 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB81510BL

Tgt Ion:330 Resp: 45525
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 47.9 38.5 57.7

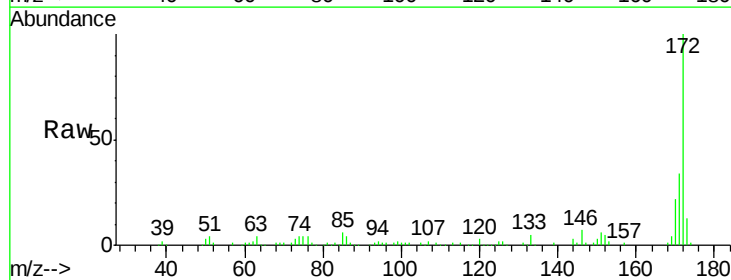


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

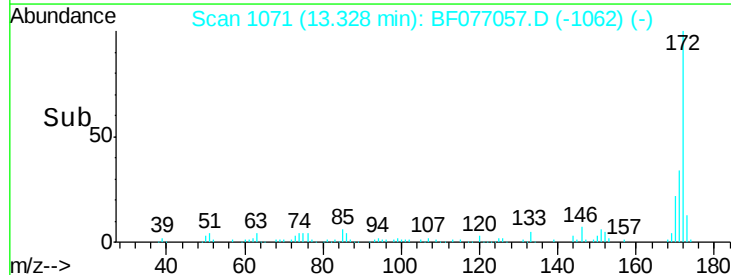
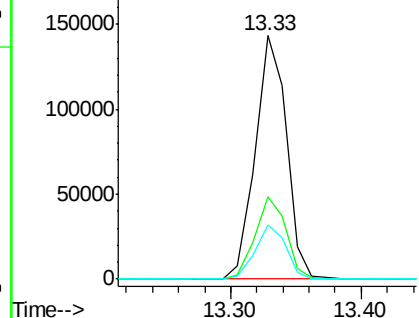


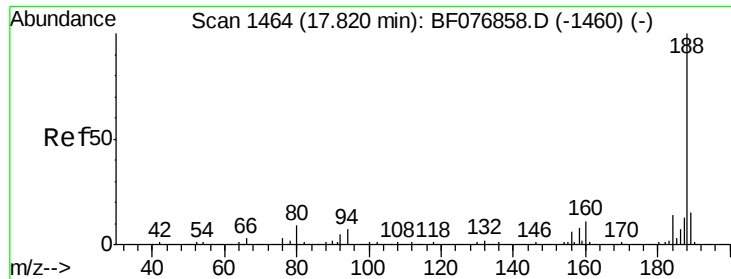
#44
 2-Fluorobiphenyl
 Concen: 87.25 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077057.D
 Acq: 26 Jan 2015 17:30

Tgt Ion:172 Resp: 239731
 Ion Ratio Lower Upper
 172 100
 171 34.0 26.6 40.0
 170 22.4 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

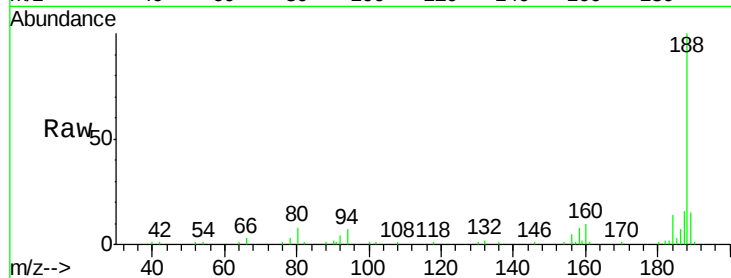




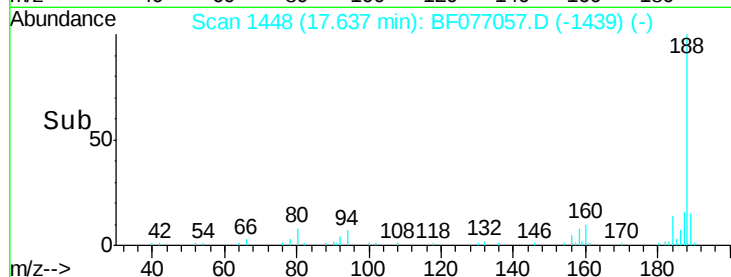
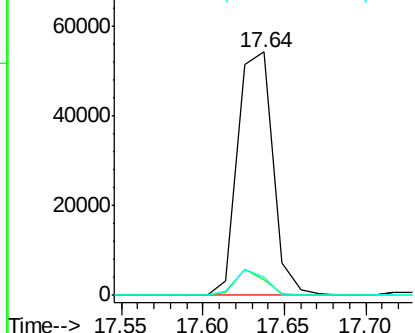
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.64 min Scan# 1448
Delta R.T. -0.00 min
Lab File: BF077057.D
Acq: 26 Jan 2015 17:30

Instrument :
BNA_F
ClientSampleId :
PB81510BL

Tgt Ion:188 Resp: 80769
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.6 6.9 10.3

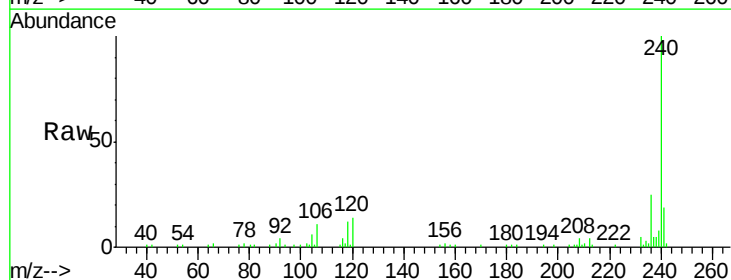


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

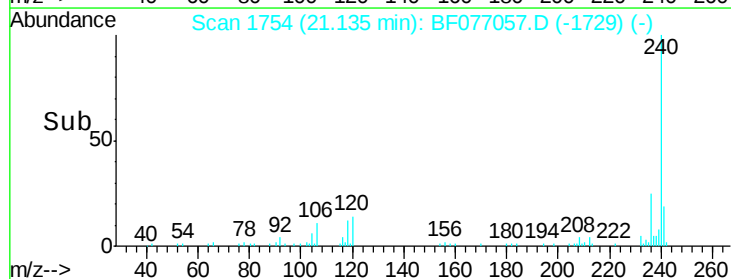
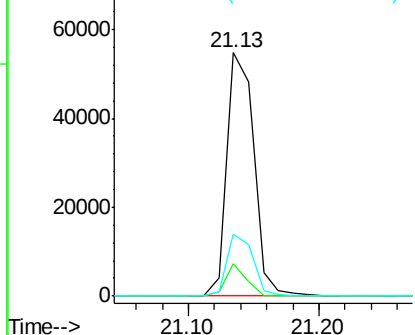


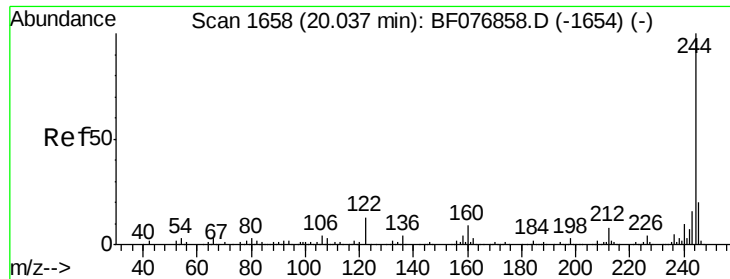
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077057.D
Acq: 26 Jan 2015 17:30

Tgt Ion:240 Resp: 78786
Ion Ratio Lower Upper
240 100
120 13.5 10.4 15.6
236 25.3 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

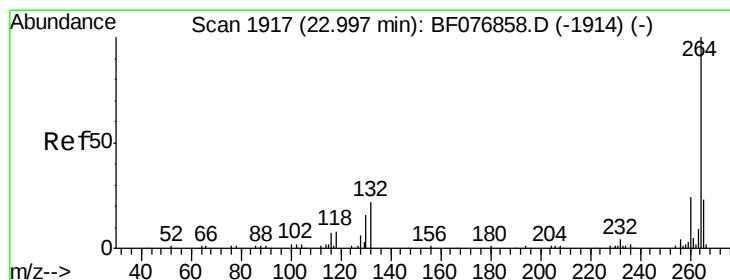
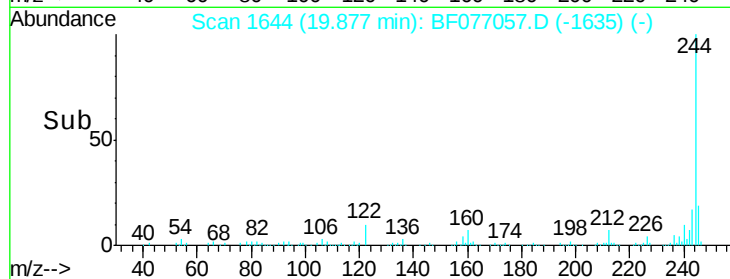
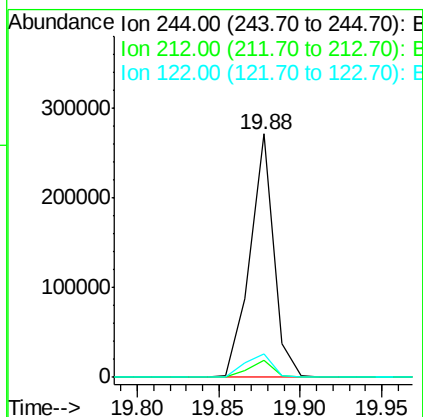
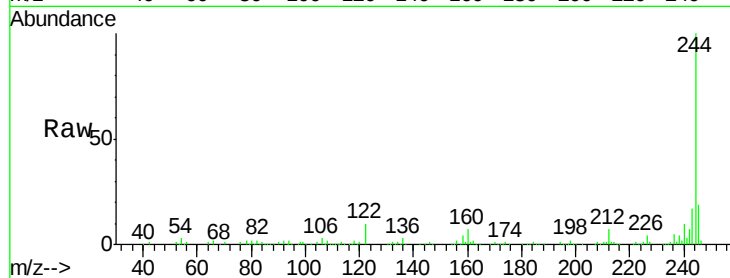




#78
 Terphenyl-d14
 Concen: 80.48 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077057.D
 Acq: 26 Jan 2015 17:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.3	9.5
122	9.8	10.1	15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.78 min Scan# 1898
 Delta R.T. -0.00 min
 Lab File: BF077057.D
 Acq: 26 Jan 2015 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	19.0	28.4
265	20.1	18.1	27.1

