

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077059.D
 Acq On : 26 Jan 2015 18:39
 Operator : TP/IZ
 Sample : PB81509BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81509BL

Quant Time: Jan 27 01:01:36 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	22673	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	90151	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	43679	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	83790	20.00	ng	-0.01
75) Chrysene-d12	21.13	240	78825	20.00	ng	-0.01
86) Perylene-d12	22.77	264	71983	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	4.79	112	159212	115.45	ng	0.00
7) Phenol-d6	7.17	99	203150	116.78	ng	0.00
23) Nitrobenzene-d5	9.06	82	123605	75.96	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	47335	133.51	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	257569	89.74	ng	0.00
78) Terphenyl-d14	19.88	244	290767	84.92	ng	0.00

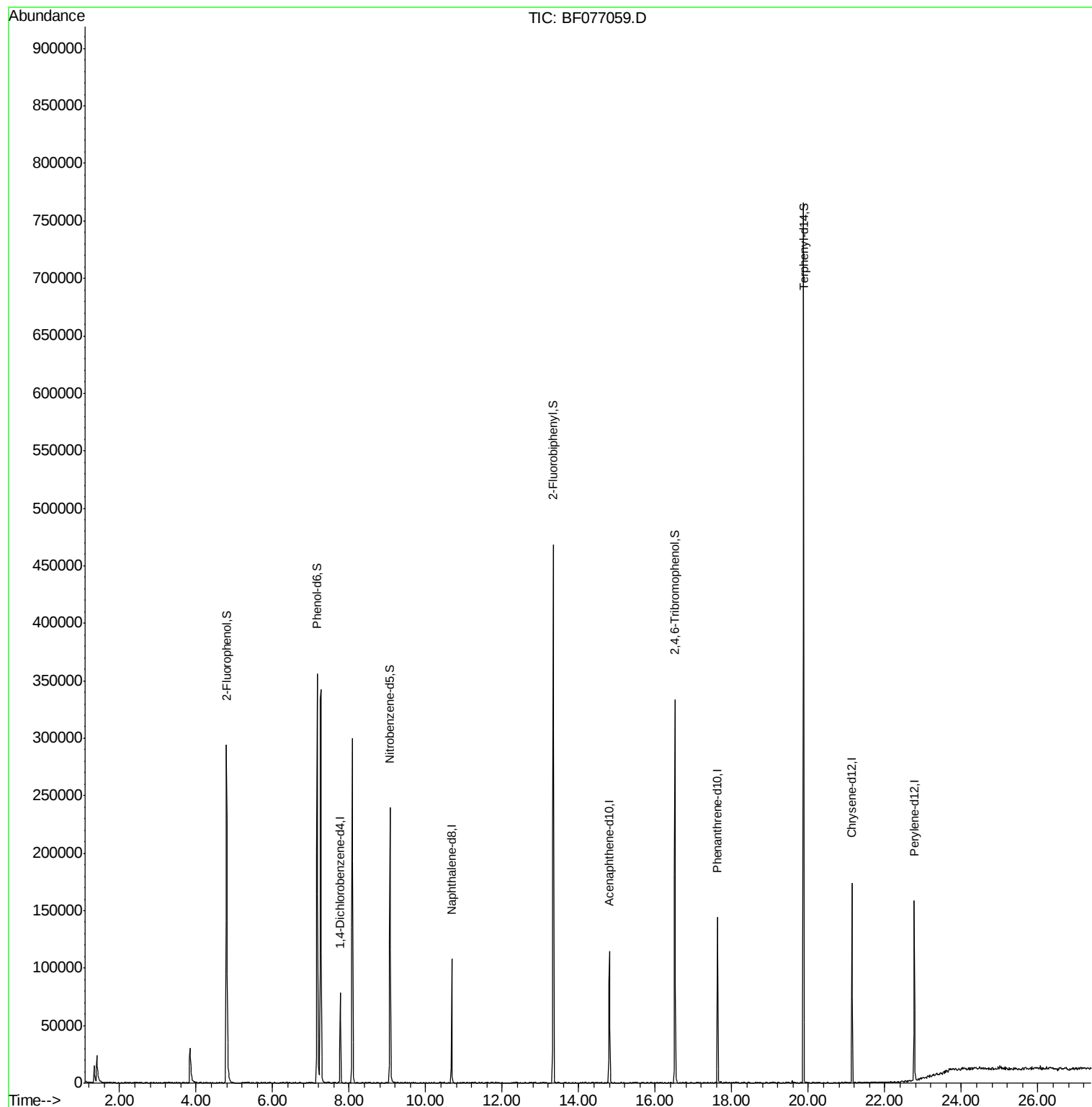
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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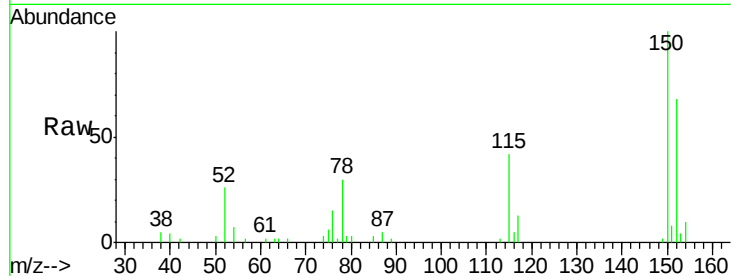


#1

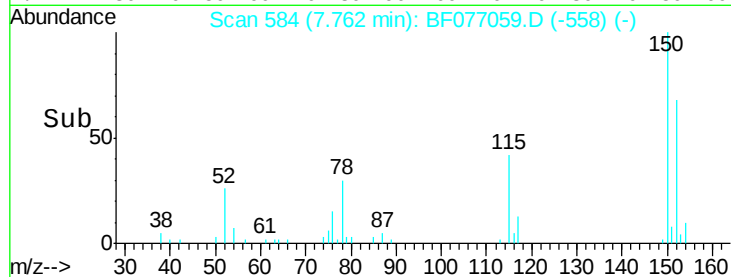
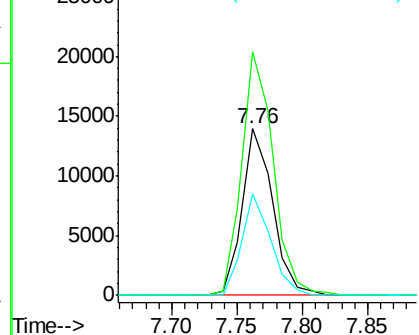
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 584
Delta R.T. -0.00 min
Lab File: BF077059.D
Acq: 26 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :
PB81509BL

Tgt Ion:152 Resp: 22673
Ion Ratio Lower Upper
152 100
150 146.3 121.7 182.5
115 61.2 47.0 70.6



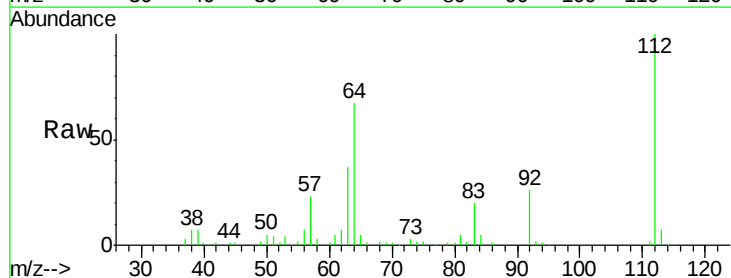
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



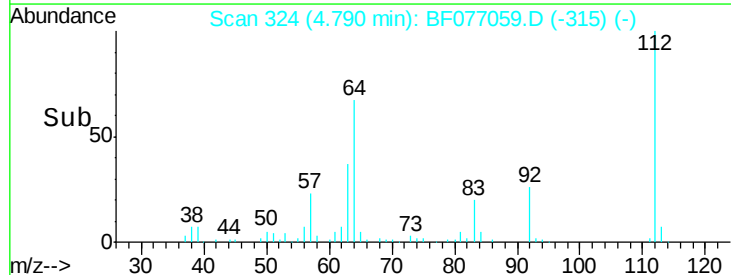
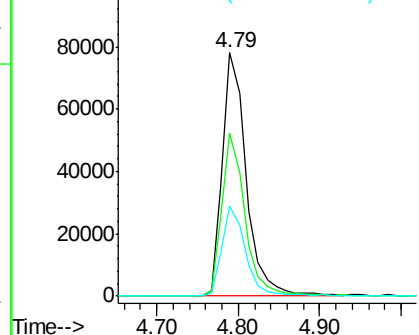
#5

2-Fluorophenol
Concen: 115.45 ng
RT: 4.79 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF077059.D
Acq: 26 Jan 2015 18:39

Tgt Ion:112 Resp: 159212
Ion Ratio Lower Upper
112 100
64 66.8 54.2 81.4
63 36.7 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: 116.78 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077059.D

Acq: 26 Jan 2015 18:39

Instrument :

BNA_F

ClientSampleId :

PB81509BL

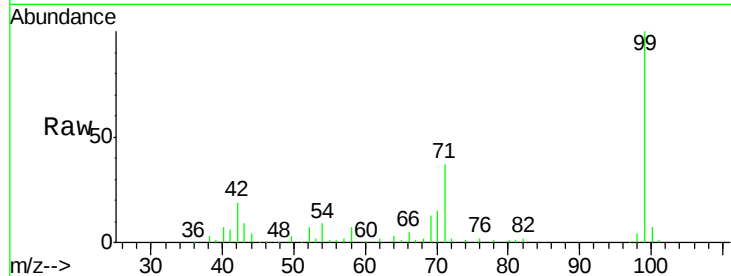
Tgt Ion: 99 Resp: 203150

Ion Ratio Lower Upper

99 100

42 18.6 15.0 22.4

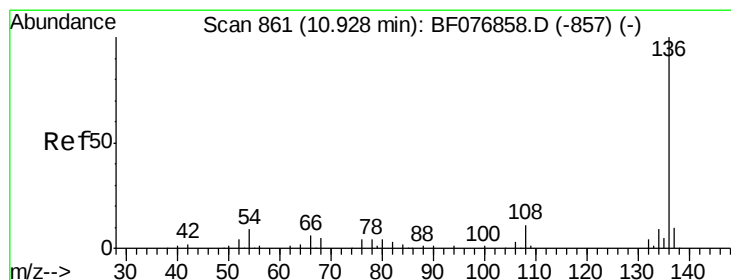
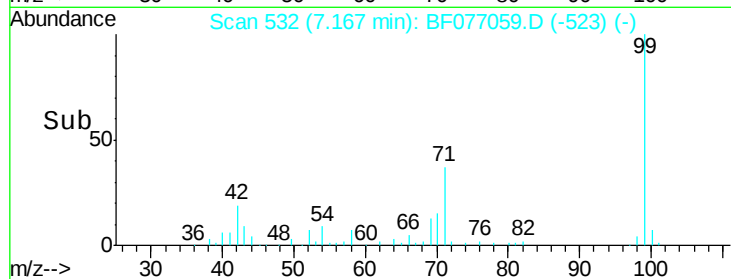
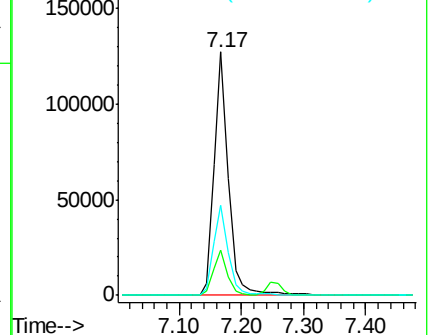
71 37.2 30.5 45.7



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: BF077059.D

Acq: 26 Jan 2015 18:39

Tgt Ion: 136 Resp: 90151

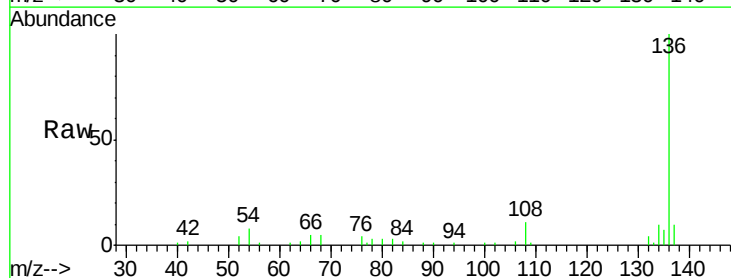
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 7.5 7.0 10.4

68 4.6 3.7 5.5

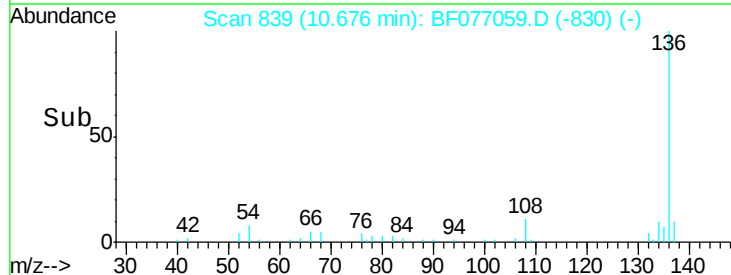
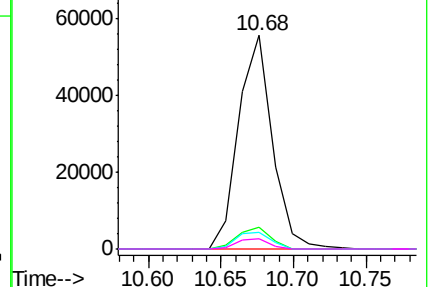


Abundance Ion 136.00 (135.70 to 136.70): E

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

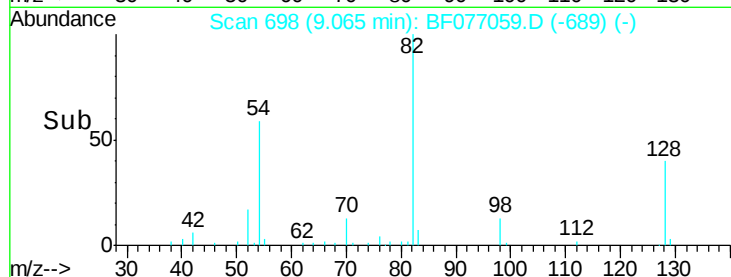
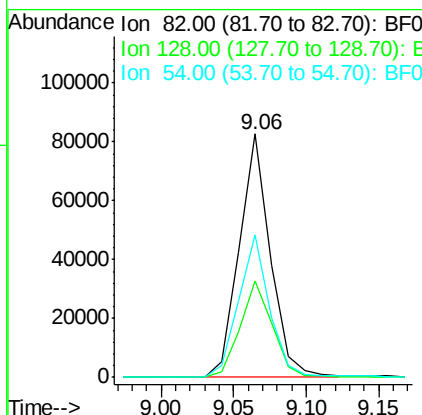
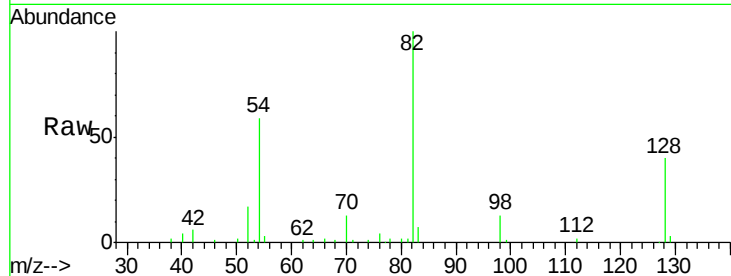




#23
 Nitrobenzene-d5
 Concen: 75.96 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

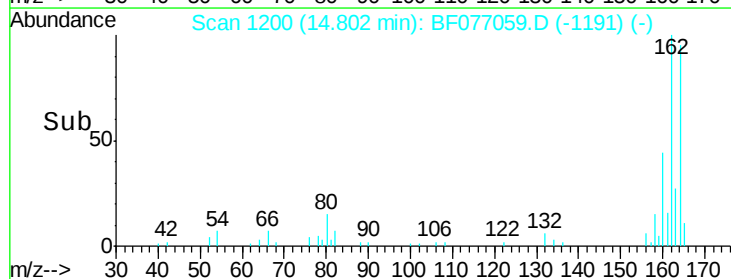
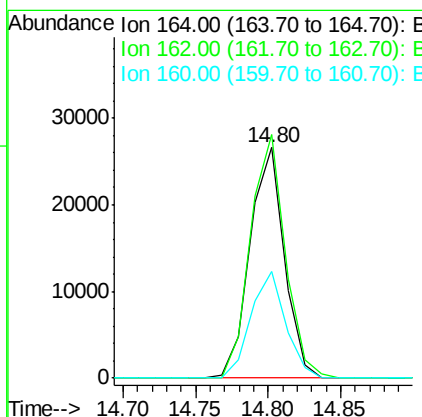
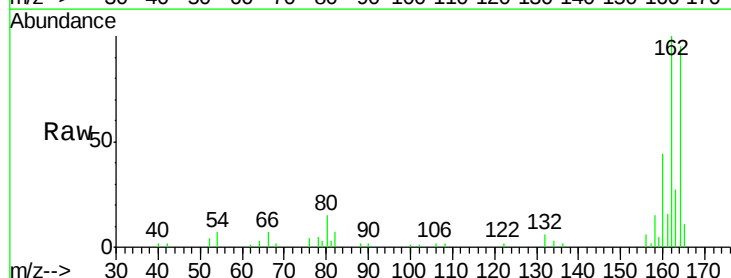
Instrument :
 BNA_F
 ClientSampleId :
 PB81509BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.7	33.1	49.7
54	58.8	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.4	123.6
160	46.5	34.8	52.2

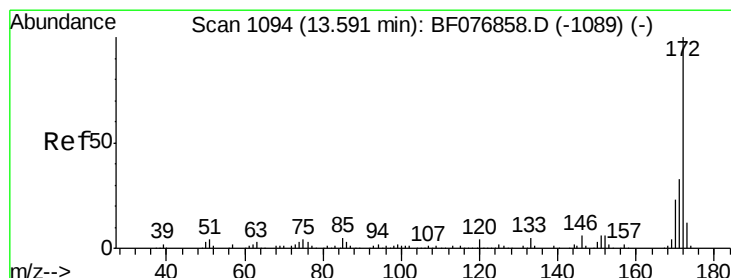
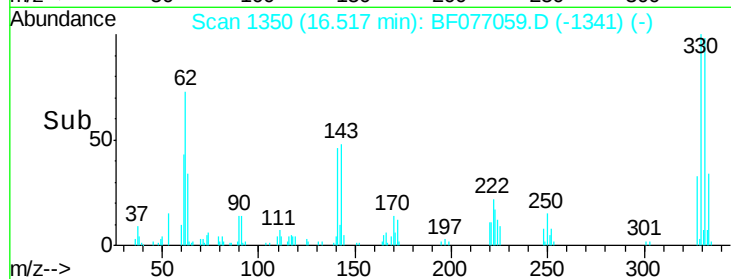
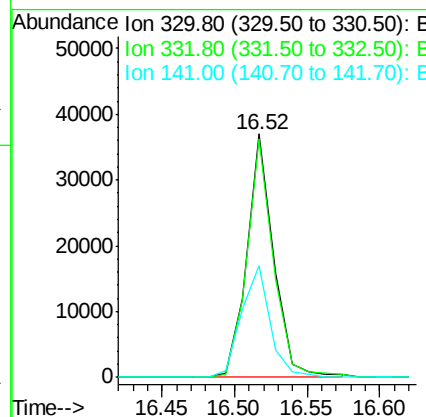
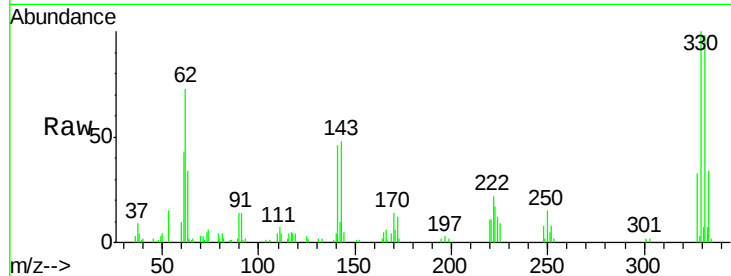




#41
 2,4,6-Tribromophenol
 Concen: 133.51 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

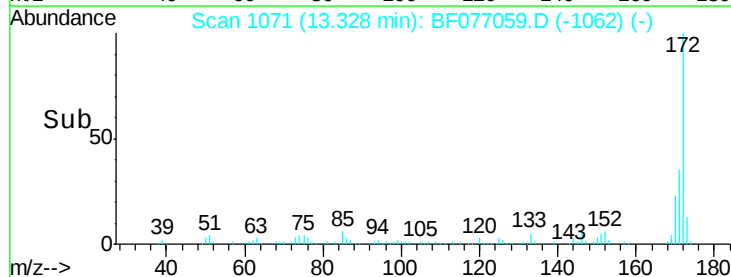
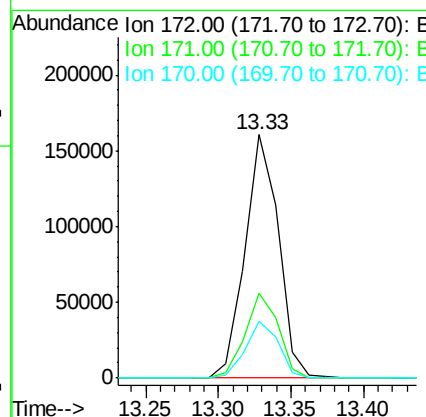
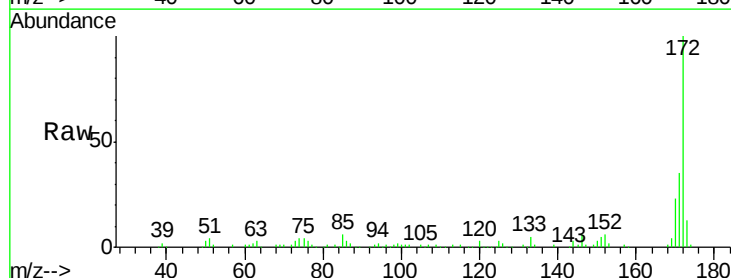
Instrument :
 BNA_F
 ClientSampled :
 PB81509BL

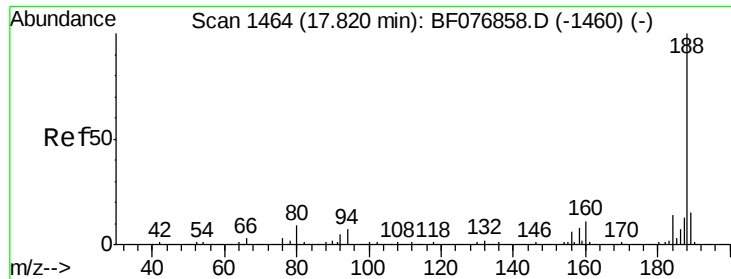
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.6
141	48.7	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 89.74 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.6	40.0
170	23.2	18.0	27.0

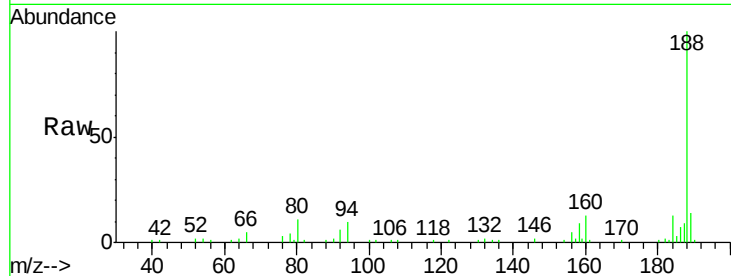




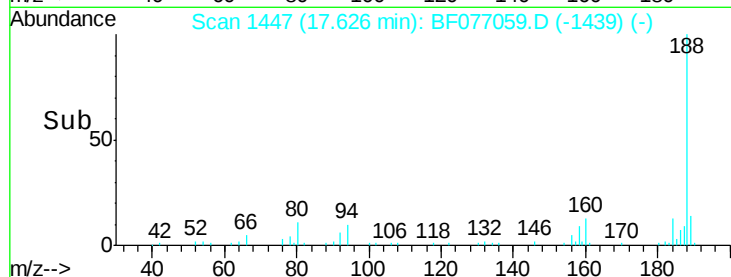
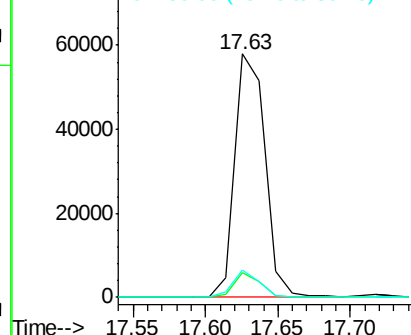
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF077059.D
Acq: 26 Jan 2015 18:39

Instrument :
BNA_F
ClientSampleId :
PB81509BL

Tgt Ion:188 Resp: 83790
Ion Ratio Lower Upper
188 100
94 10.2 6.0 9.0#
80 11.1 6.9 10.3#

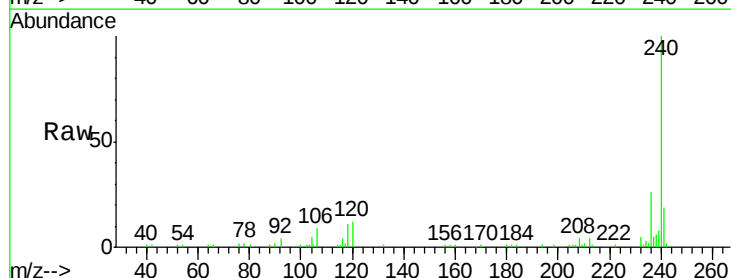


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

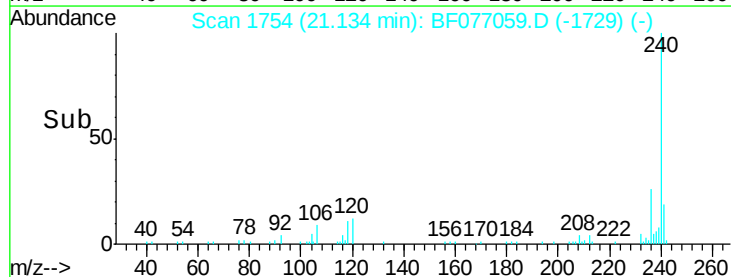
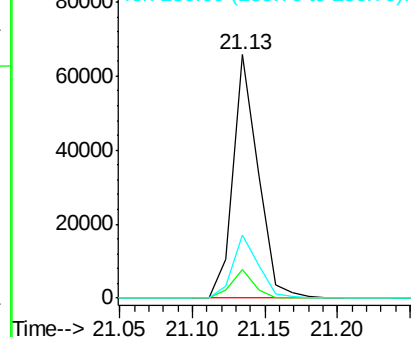


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077059.D
Acq: 26 Jan 2015 18:39

Tgt Ion:240 Resp: 78825
Ion Ratio Lower Upper
240 100
120 11.8 10.4 15.6
236 25.8 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

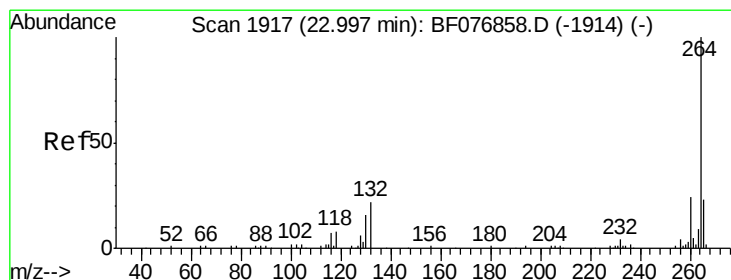
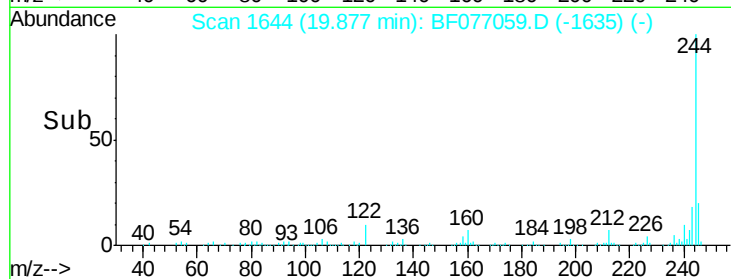
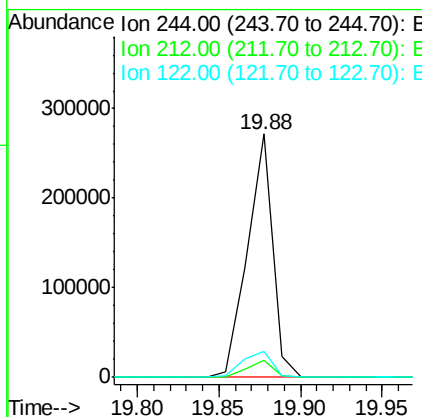
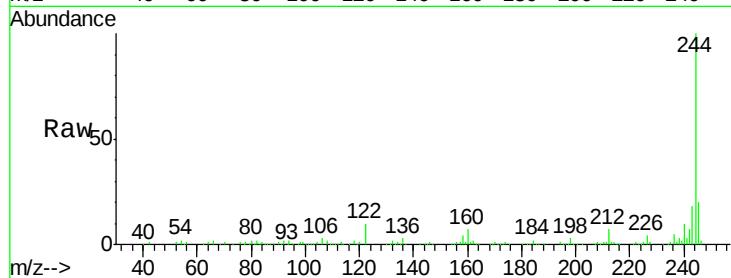




#78
 Terphenyl-d14
 Concen: 84.92 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81509BL

Tgt Ion: 244 Resp: 290767
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.3 9.5
 122 10.5 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.77 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BF077059.D
 Acq: 26 Jan 2015 18:39

Tgt Ion: 264 Resp: 71983
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 22.7 18.1 27.1

