

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012215\
 Data File : BF077013.D
 Acq On : 22 Jan 2015 15:39
 Operator : TP/IZ
 Sample : PB81460BL
 Misc : S
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BL

Quant Time: Jan 23 09:50:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	22595	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	97229	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	50804	20.00	ng	-0.01
63) Phenanthrene-d10	17.69	188	89115	20.00	ng	0.00
75) Chrysene-d12	21.19	240	86122	20.00	ng	-0.01
86) Perylene-d12	22.87	264	77534	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	169507	123.34	ng	-0.01
7) Phenol-d6	7.25	99	209046	120.58	ng	-0.02
23) Nitrobenzene-d5	9.14	82	126053	71.83	ng	-0.02
41) 2,4,6-Tribromophenol	16.59	330	48826	118.40	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	257951	77.27	ng	-0.01
78) Terphenyl-d14	19.92	244	275227	73.57	ng	-0.01

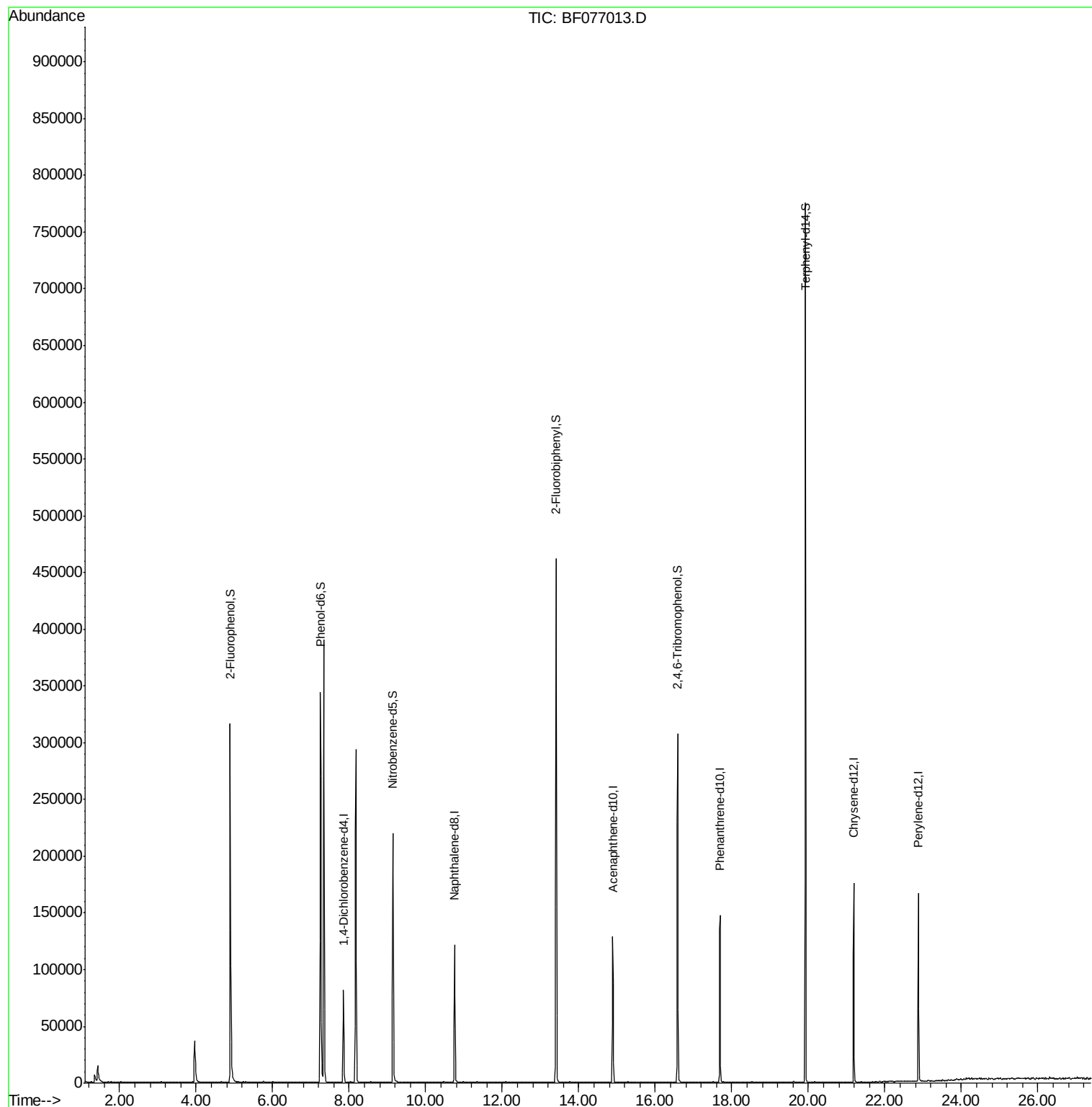
Target Compounds Qvalue

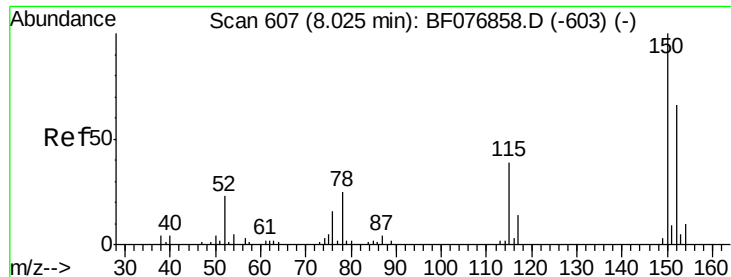
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF077013.D

Acq: 22 Jan 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB81460BL

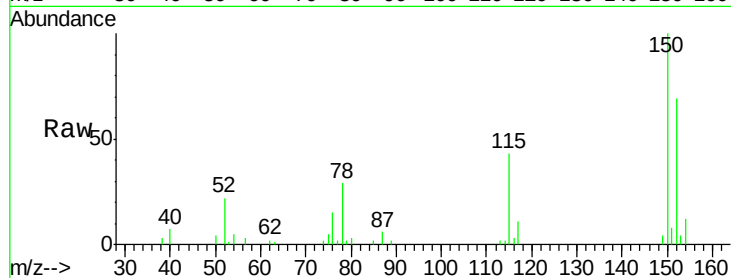
Tot Ion:152 Resp: 22595

Ion Ratio Lower Upper

152 100

150 144.3 121.7 182.5

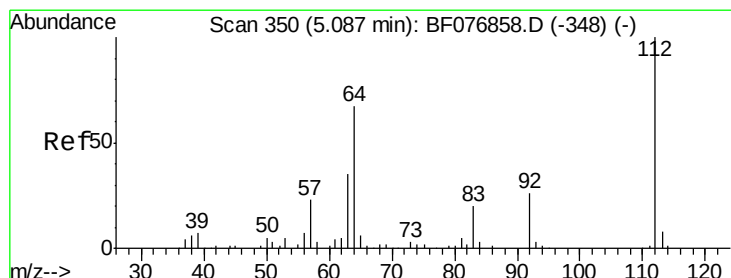
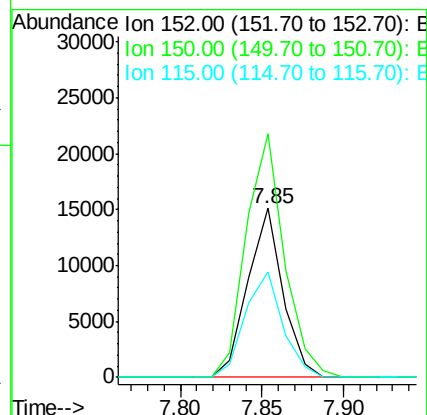
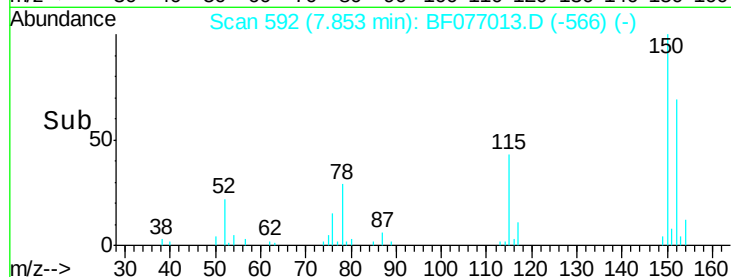
115 62.3 47.0 70.6



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: 123.34 ng

RT: 4.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF077013.D

Acq: 22 Jan 2015 15:39

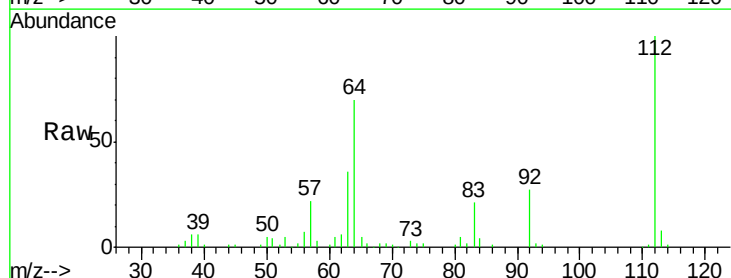
Tgt Ion:112 Resp: 169507

Ion Ratio Lower Upper

112 100

64 70.1 54.2 81.4

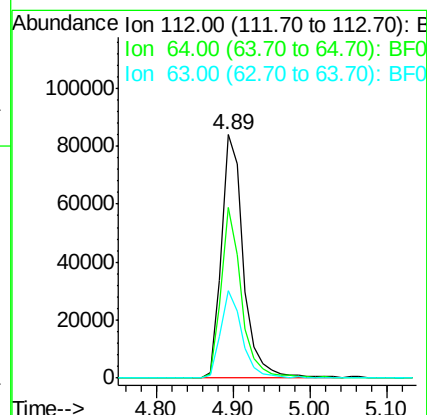
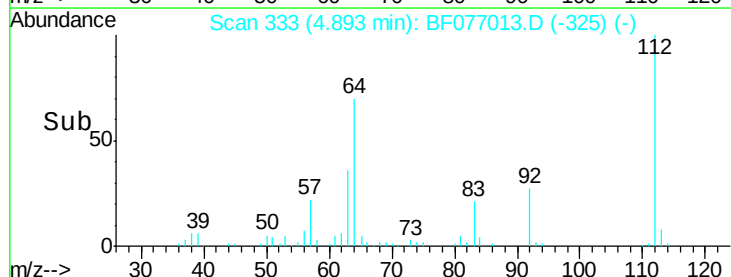
63 36.0 28.4 42.6

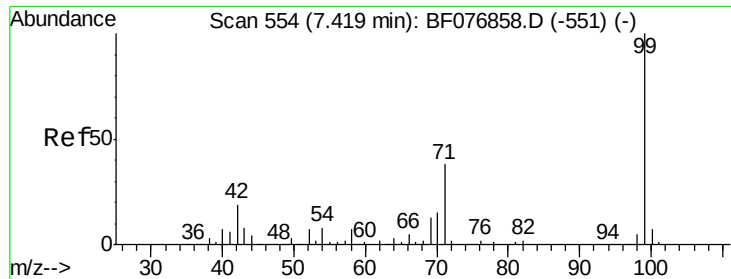


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.58 ng

RT: 7.25 min Scan# 539

Delta R.T. -0.02 min

Lab File: BF077013.D

Acq: 22 Jan 2015 15:39

Instrument :

BNA_F

ClientSampleId :

PB81460BL

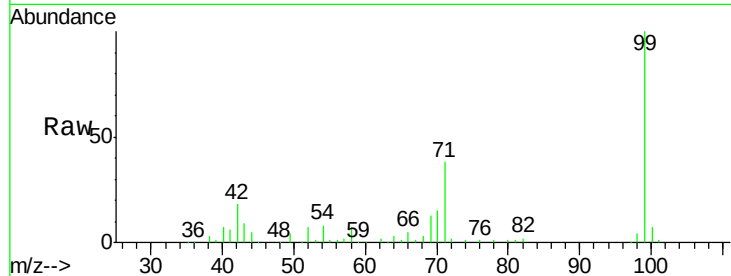
Tot Ion: 99 Resp: 209046

Ion Ratio Lower Upper

99 100

42 17.8 15.0 22.4

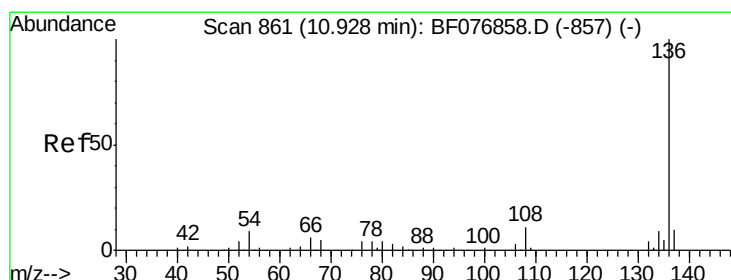
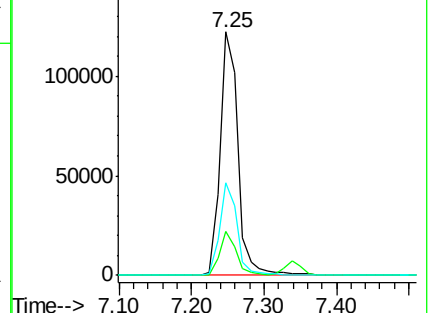
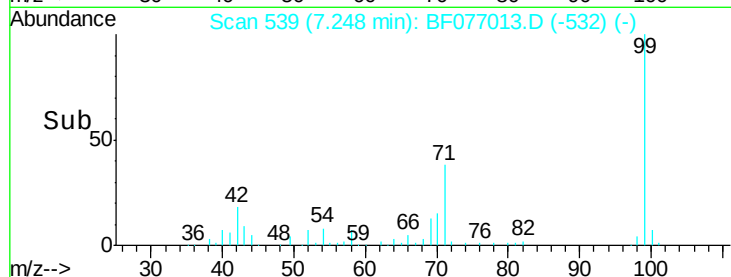
71 38.1 30.5 45.7



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: 10.76 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF077013.D

Acq: 22 Jan 2015 15:39

Tgt Ion: 136 Resp: 97229

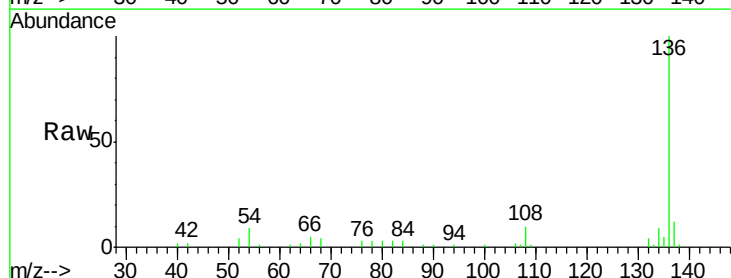
Ion Ratio Lower Upper

136 100

137 11.7 8.1 12.1

54 8.8 7.0 10.4

68 3.9 3.7 5.5

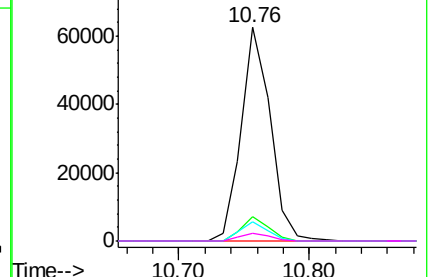
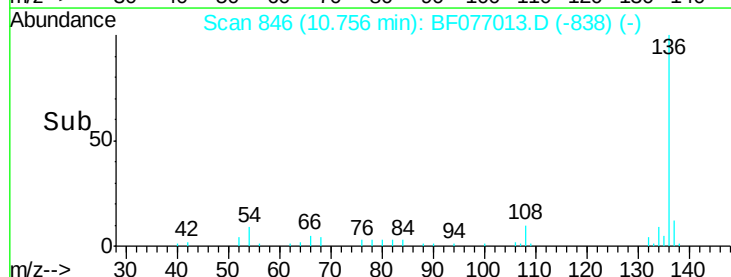


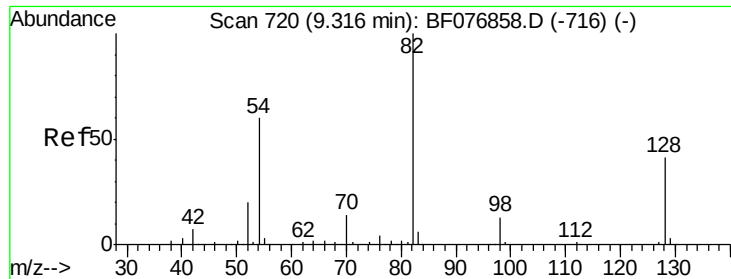
Abundance Ion 136.00 (135.70 to 136.70): E

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

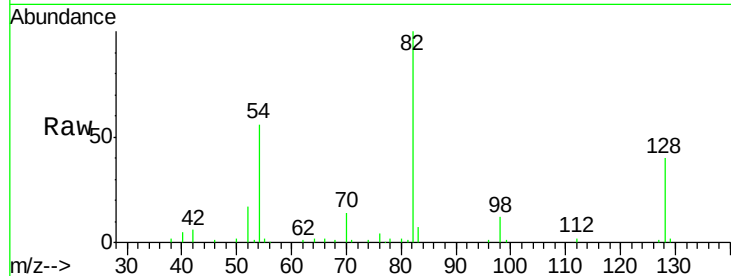




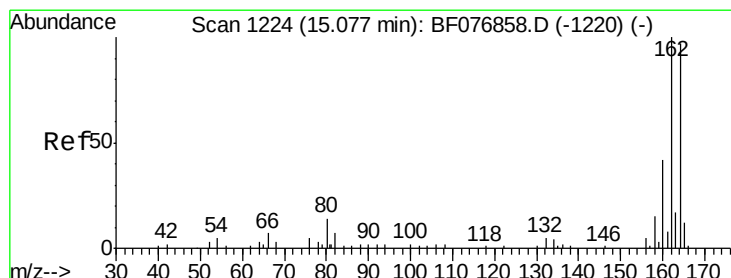
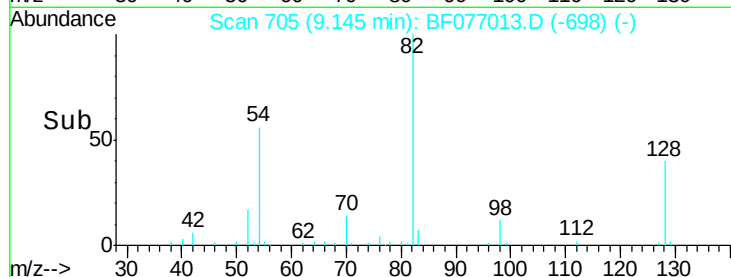
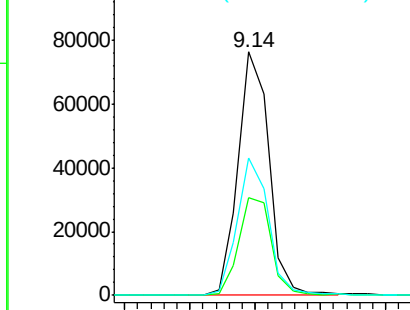
#23
 Nitrobenzene-d5
 Concen: 71.83 ng
 RT: 9.14 min Scan# 705
 Delta R.T. -0.02 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

Instrument :
 BNA_F
 ClientSampled :
 PB81460BL

Tot Ion	82	Resp	126053
Ion Ratio	Lower	Upper	
82	100		
128	40.0	33.1	49.7
54	56.2	48.3	72.5

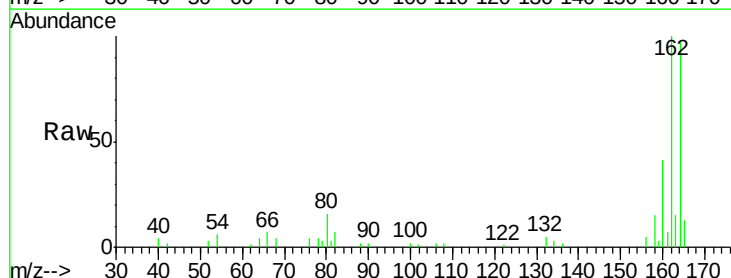


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

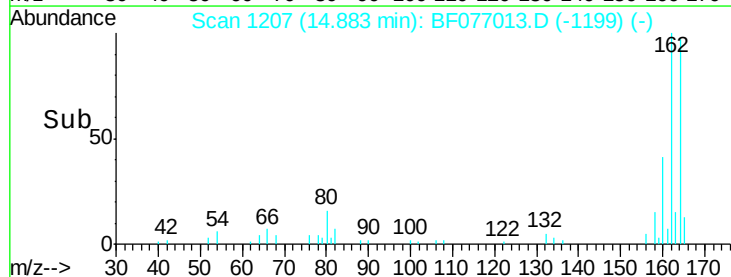
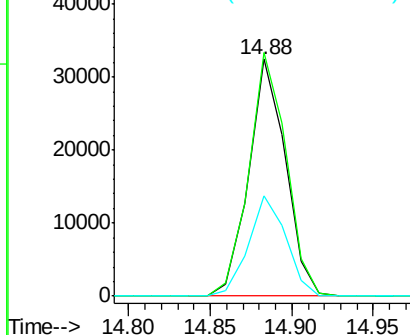


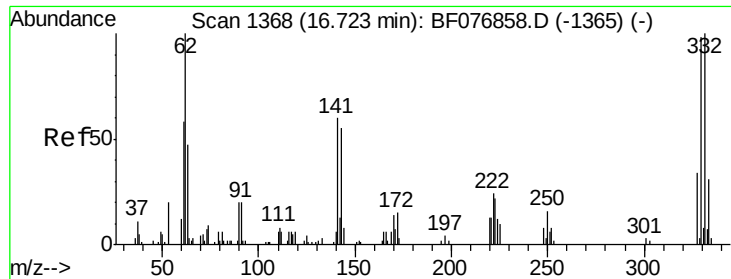
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

Tgt Ion	164	Resp	50804
Ion Ratio	Lower	Upper	
164	100		
162	102.7	82.4	123.6
160	42.4	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

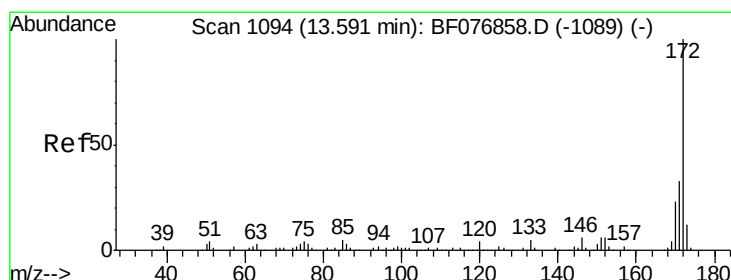
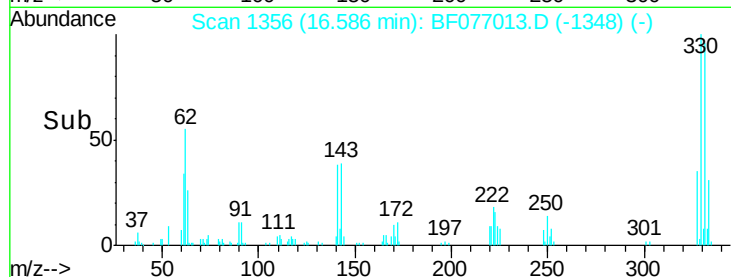
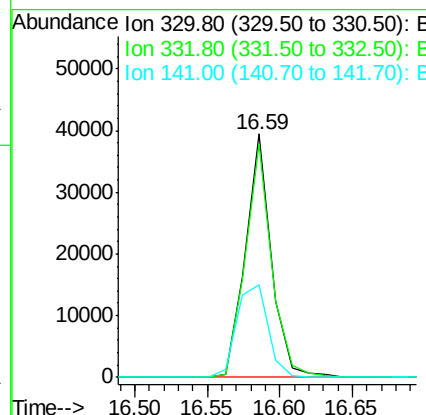
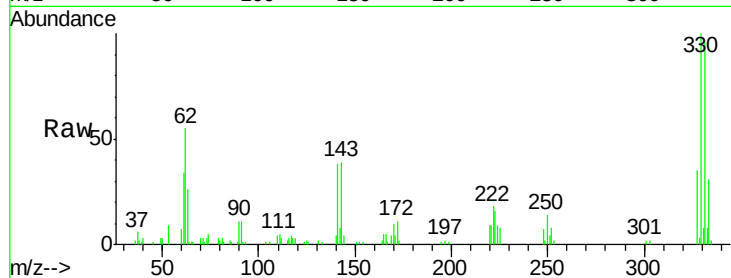




#41
 2,4,6-Tribromophenol
 Concen: 118.40 ng
 RT: 16.59 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

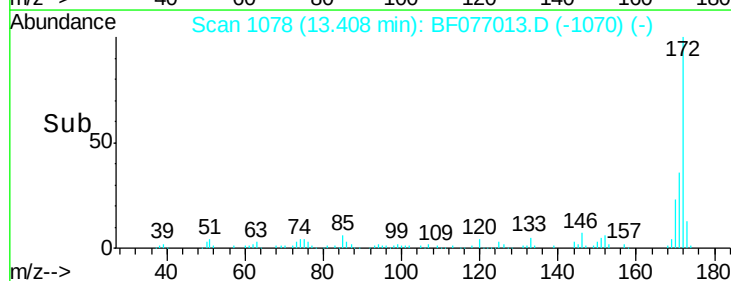
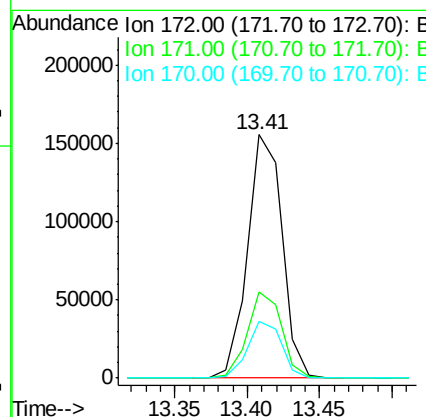
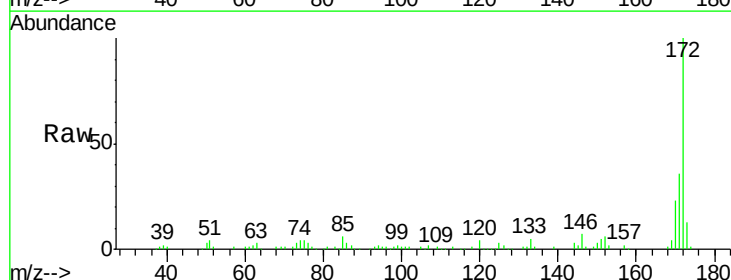
Instrument :
 BNA_F
 ClientSampleId :
 PB81460BL

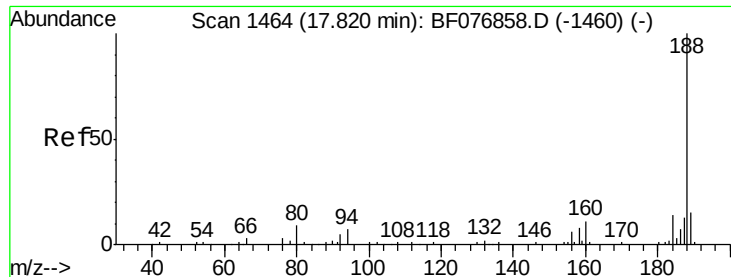
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.8	116.6
141	46.4	38.5	57.7



#44
 2-Fluorobiphenyl
 Concen: 77.27 ng
 RT: 13.41 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	26.6	40.0
170	23.1	18.0	27.0

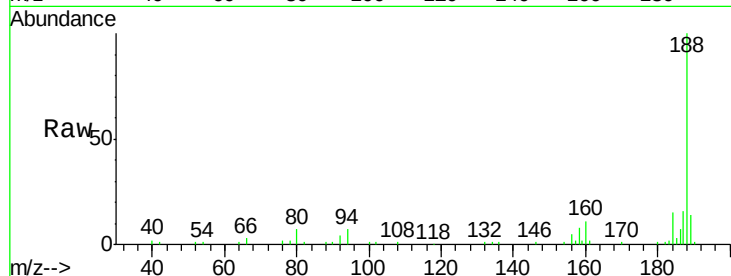




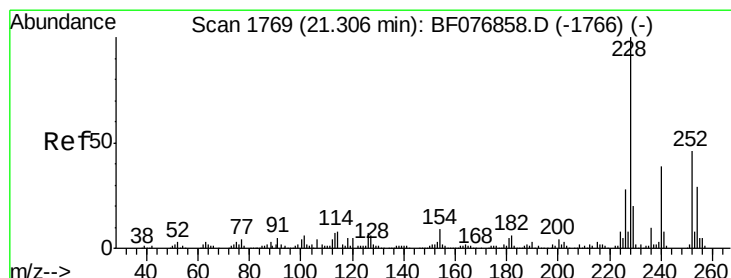
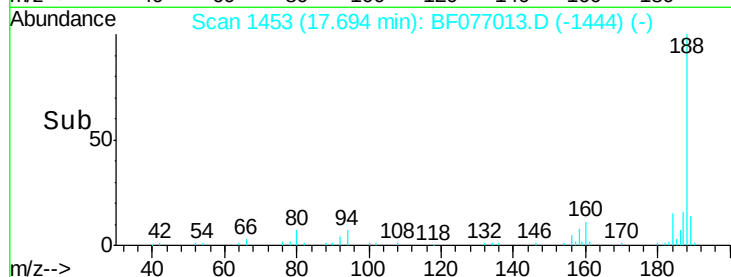
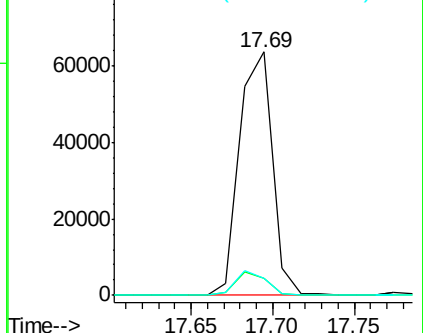
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.69 min Scan# 1453
Delta R.T. 0.00 min
Lab File: BF077013.D
Acq: 22 Jan 2015 15:39

Instrument :
BNA_F
ClientSampleId :
PB81460BL

Tot Ion:188 Resp: 89115
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.3 6.9 10.3

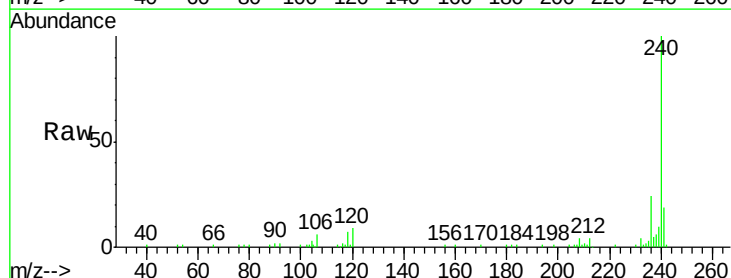


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

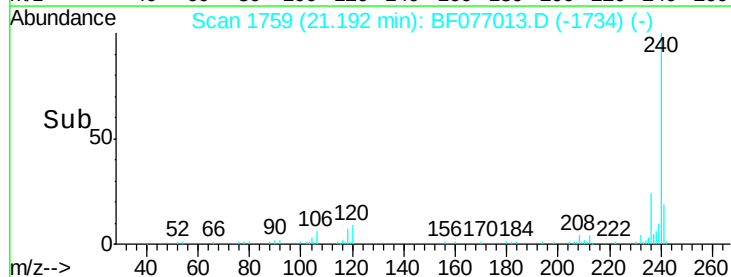
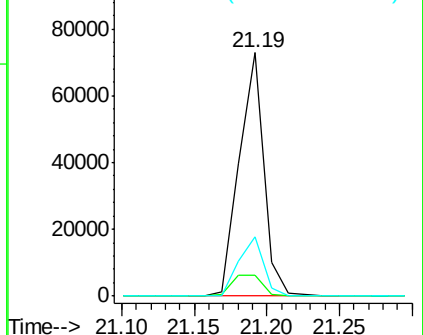


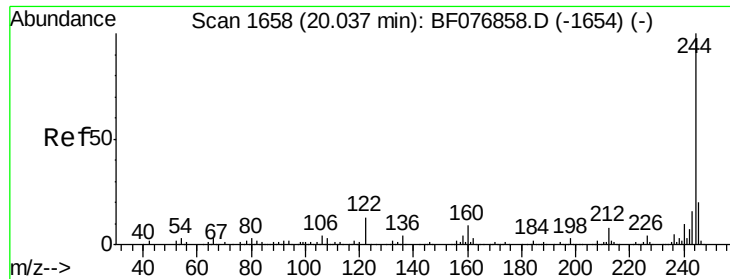
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF077013.D
Acq: 22 Jan 2015 15:39

Tgt Ion:240 Resp: 86122
Ion Ratio Lower Upper
240 100
120 8.8 10.4 15.6#
236 24.2 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

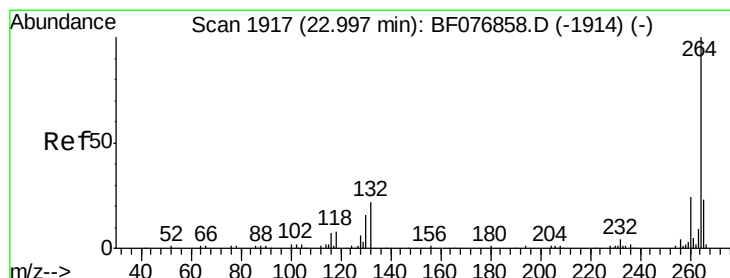
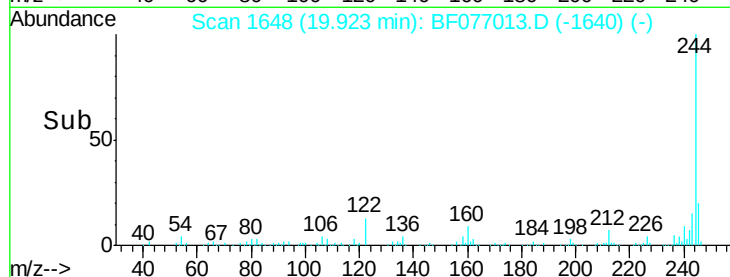
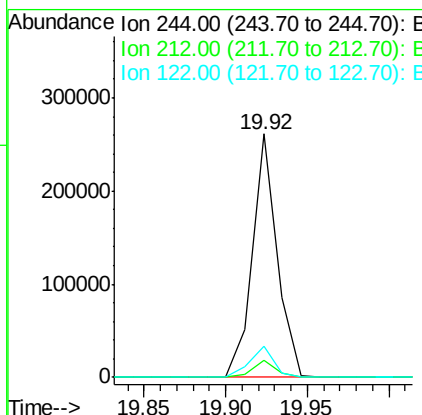
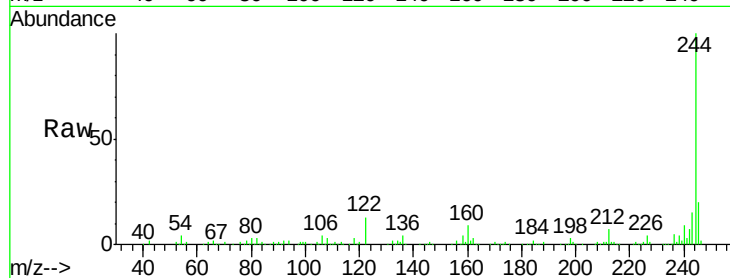




#78
 Terphenyl-d14
 Concen: 73.57 ng
 RT: 19.92 min Scan# 1648
 Delta R.T. -0.01 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

Instrument :
 BNA_F
 ClientSampleId :
 PB81460BL

Tot Ion:244 Resp: 275227
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 12.8 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.87 min Scan# 1906
 Delta R.T. 0.01 min
 Lab File: BF077013.D
 Acq: 22 Jan 2015 15:39

Tgt Ion:264 Resp: 77534
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 20.3 18.1 27.1

