

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012615\
 Data File : BF077051.D
 Acq On : 26 Jan 2015 13:28
 Operator : TP/IZ
 Sample : PB81263BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Quant Time: Jan 27 00:13:27 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 00:04:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	25607	20.00	ng	0.00
21) Naphthalene-d8	10.68	136	106825	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	56719	20.00	ng	0.00
63) Phenanthrene-d10	17.63	188	99899	20.00	ng	0.00
75) Chrysene-d12	21.13	240	98339	20.00	ng	-0.01
86) Perylene-d12	22.79	264	88557	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	192082	123.33	ng	0.00
7) Phenol-d6	7.17	99	236702	120.48	ng	0.00
23) Nitrobenzene-d5	9.06	82	141680	73.48	ng	0.00
41) 2,4,6-Tribromophenol	16.52	330	56134	121.92	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	291091	78.10	ng	0.00
78) Terphenyl-d14	19.88	244	321478	75.26	ng	0.00

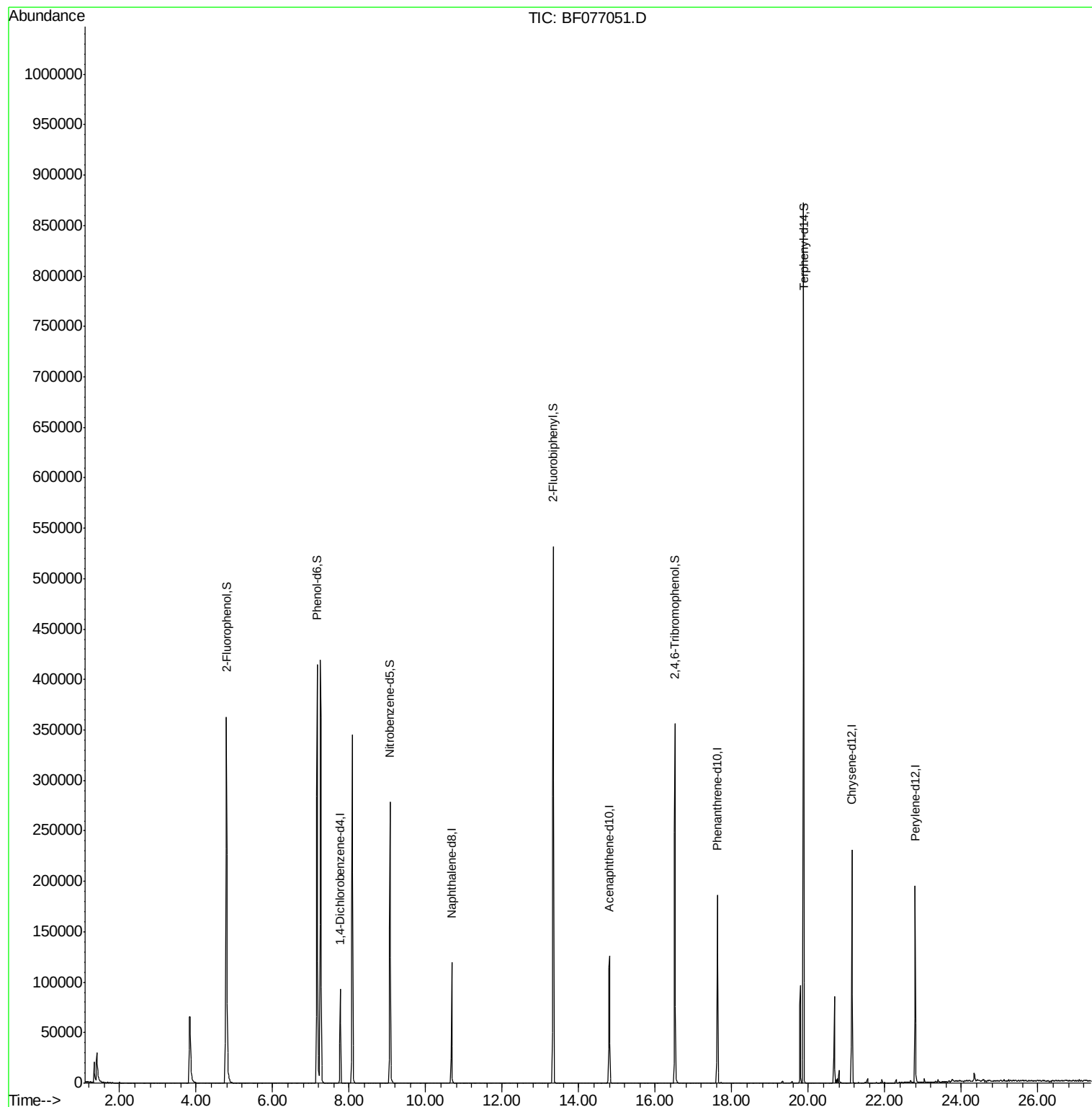
Target Compounds	Qvalue
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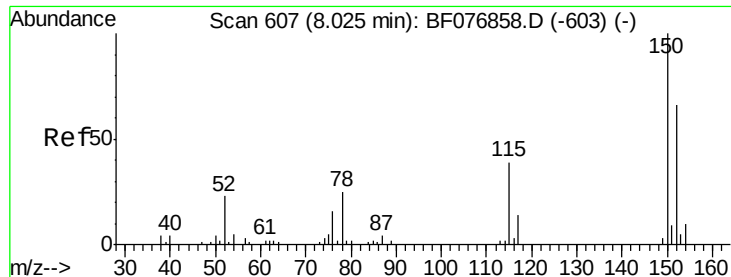
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF077051.D

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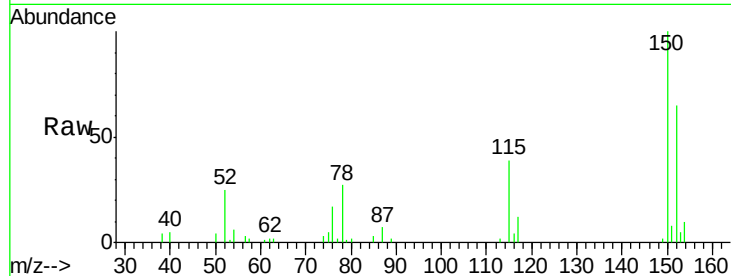
Tgt Ion:152 Resp: 25607

Ion Ratio Lower Upper

152 100

150 153.0 121.7 182.5

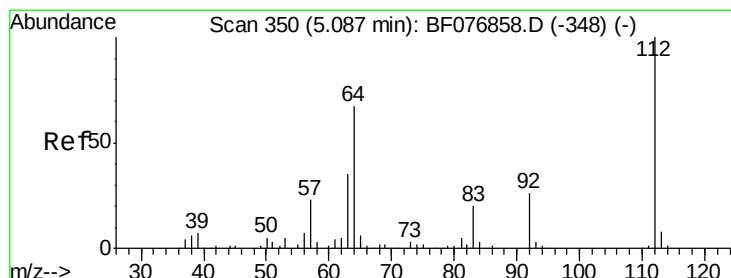
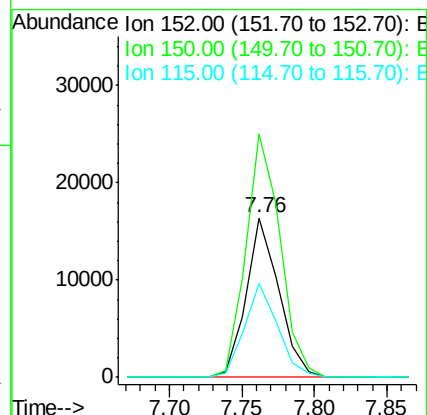
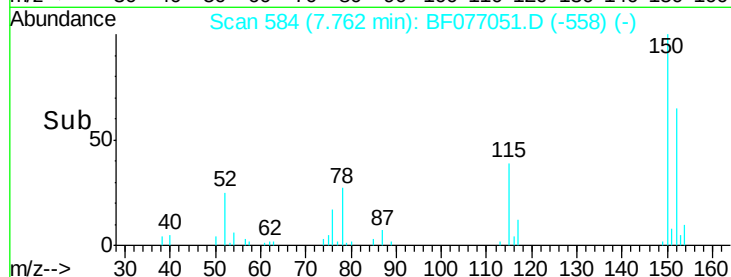
115 59.3 47.0 70.6



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: 123.33 ng

RT: 4.79 min Scan# 324

Delta R.T. -0.00 min

Lab File: BF077051.D

Acq: 26 Jan 2015 13:28

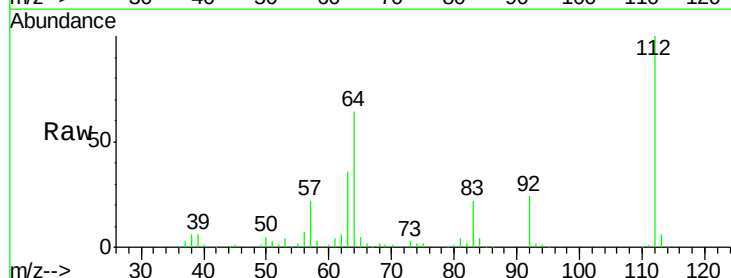
Tgt Ion:112 Resp: 192082

Ion Ratio Lower Upper

112 100

64 63.9 54.2 81.4

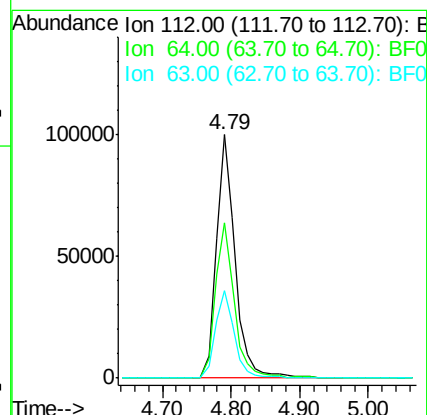
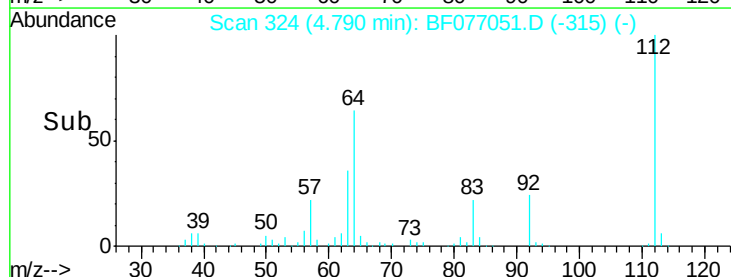
63 35.9 28.4 42.6

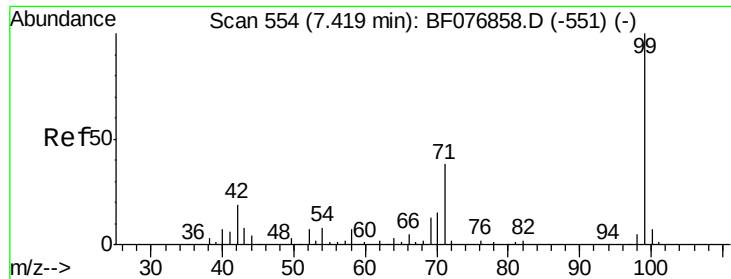


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 120.48 ng

RT: 7.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF077051.D

Acq: 26 Jan 2015 13:28

Instrument :

BNA_F

ClientSampleId :

PB81263BL

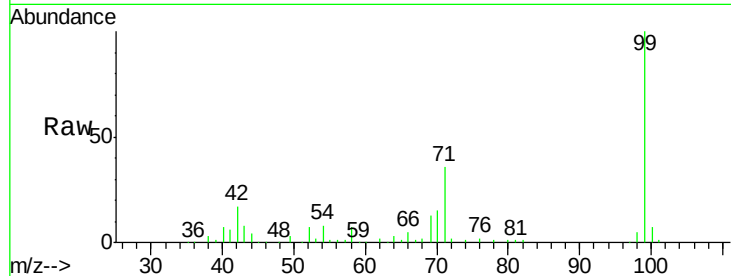
Tgt Ion: 99 Resp: 236702

Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

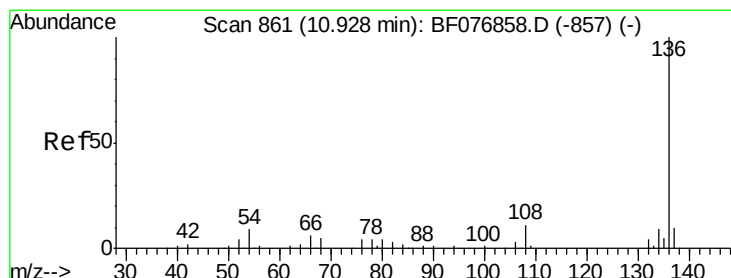
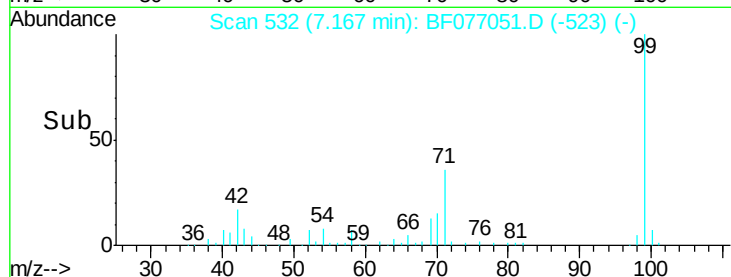
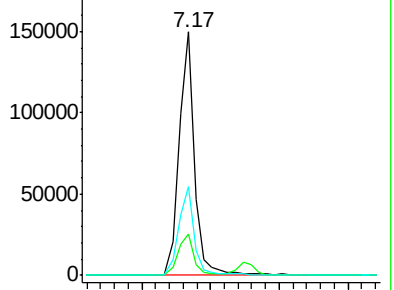
71 36.2 30.5 45.7



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: BF077051.D

Acq: 26 Jan 2015 13:28

Tgt Ion: 136 Resp: 106825

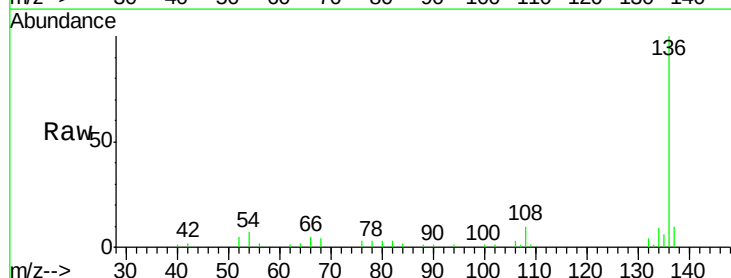
Ion Ratio Lower Upper

136 100

137 10.2 8.1 12.1

54 6.8 7.0 10.4

68 4.0 3.7 5.5

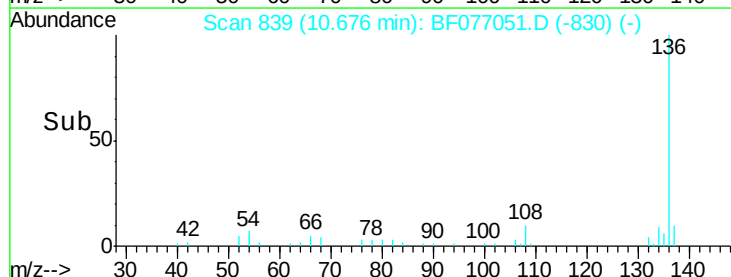
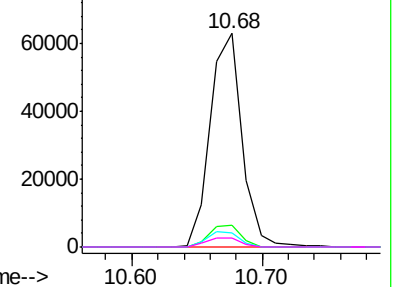


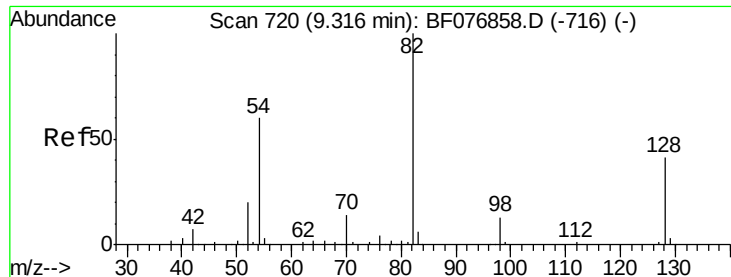
Abundance Ion 136.00 (135.70 to 136.70): E

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

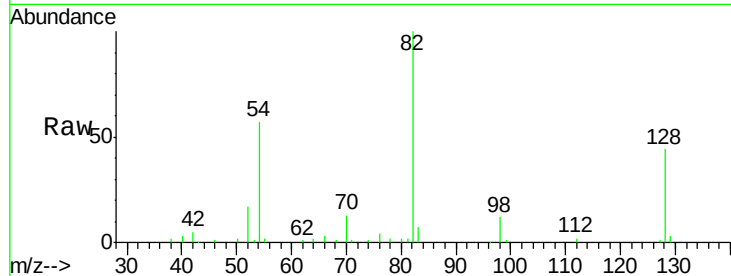




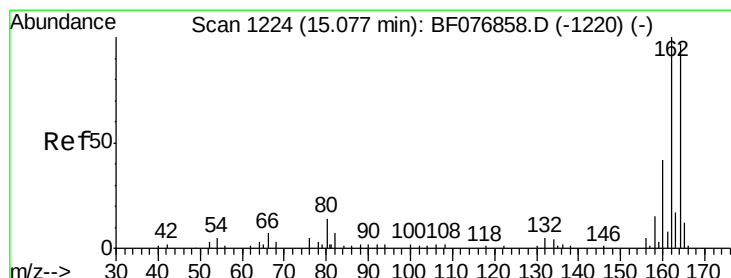
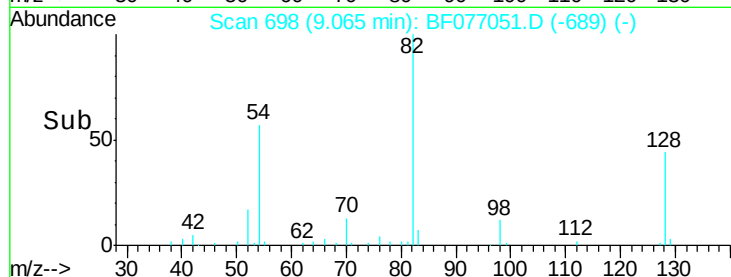
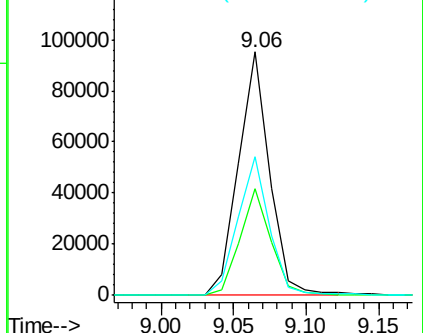
#23
 Nitrobenzene-d5
 Concen: 73.48 ng
 RT: 9.06 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Tgt Ion: 82 Resp: 141680
 Ion Ratio Lower Upper
 82 100
 128 43.8 33.1 49.7
 54 57.2 48.3 72.5

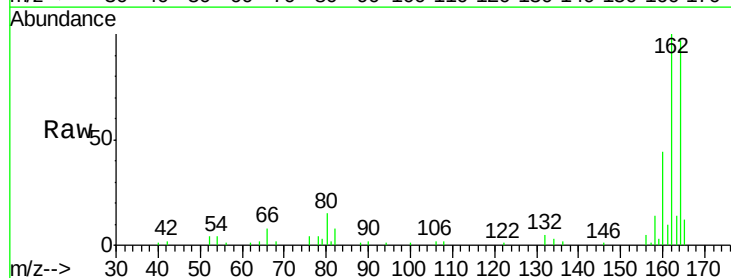


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

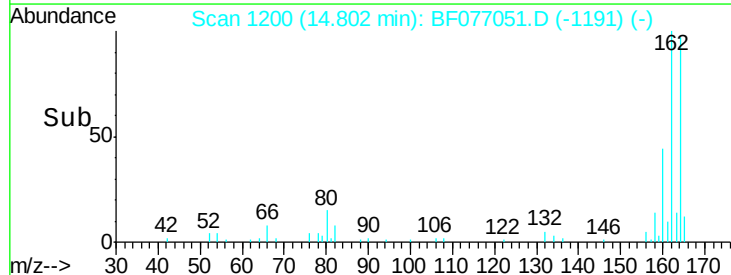
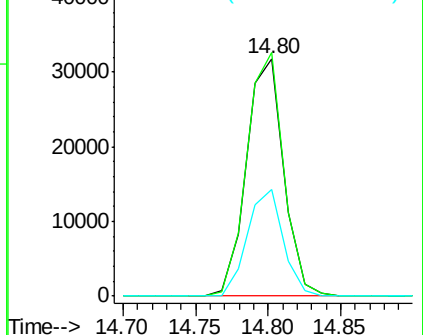


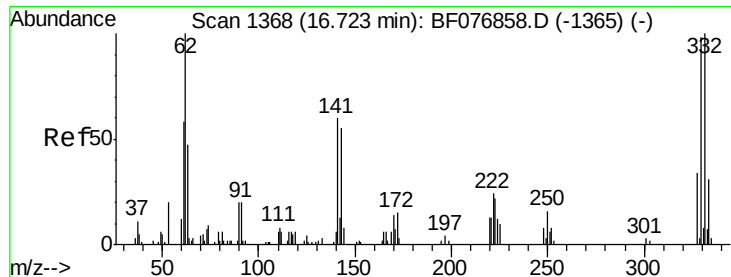
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Tgt Ion: 164 Resp: 56719
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.4 123.6
 160 44.9 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

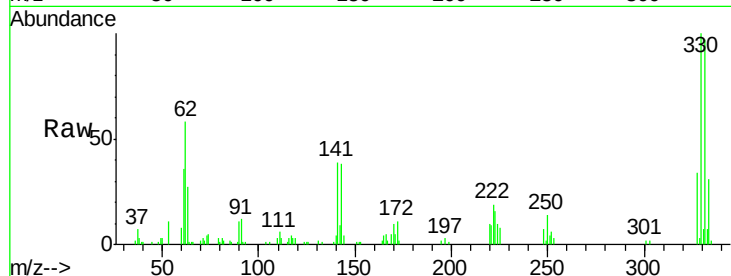




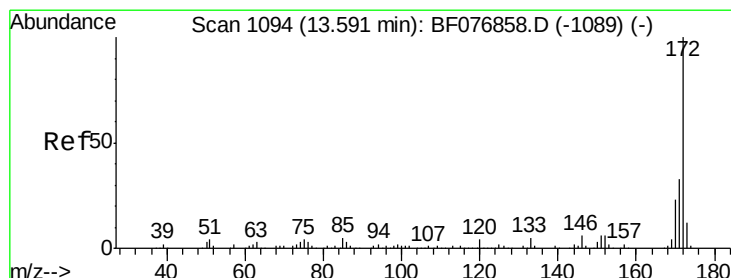
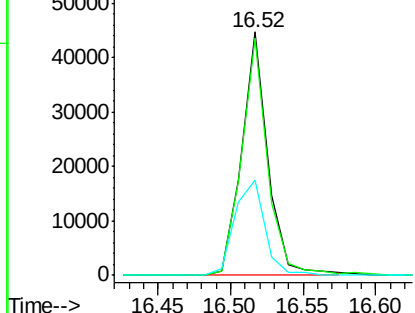
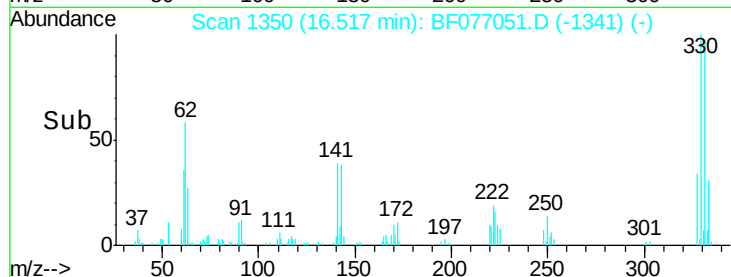
#41
 2,4,6-Tribromophenol
 Concen: 121.92 ng
 RT: 16.52 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.8	116.6
141	44.9	38.5	57.7

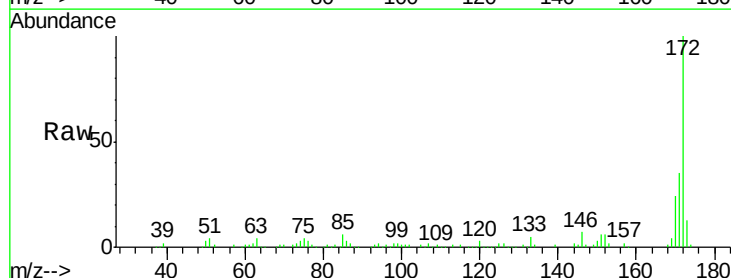


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

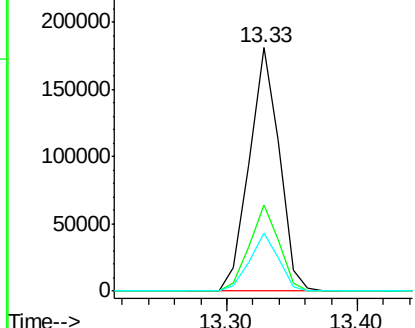
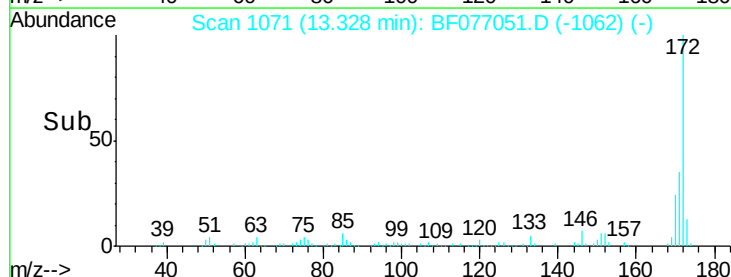


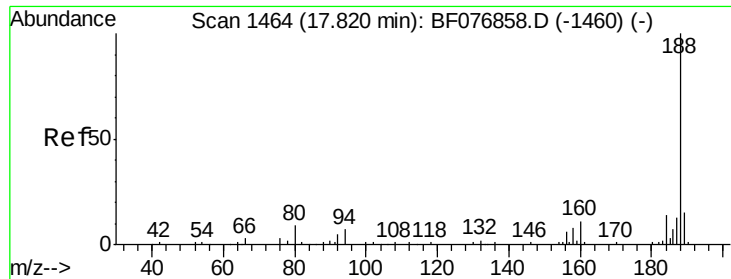
#44
 2-Fluorobiphenyl
 Concen: 78.10 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	26.6	40.0
170	23.8	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

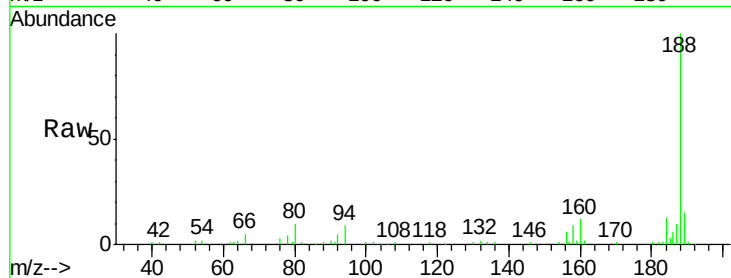




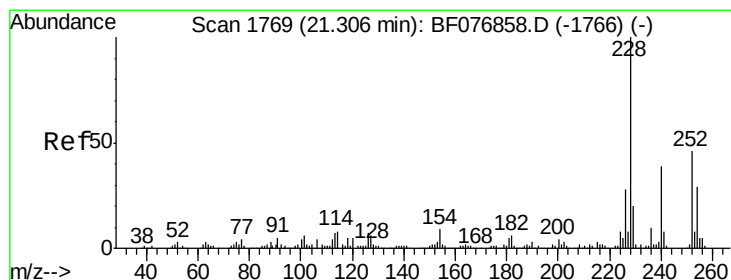
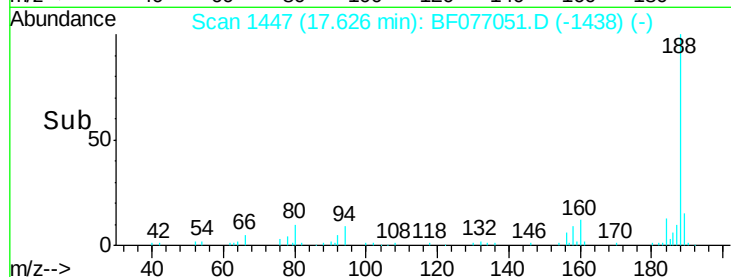
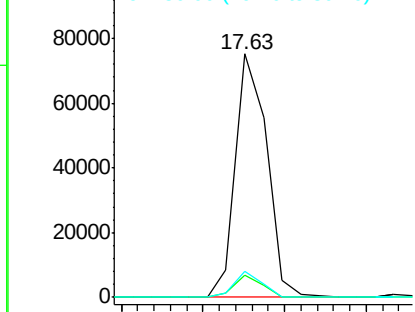
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.63 min Scan# 1447
Delta R.T. -0.00 min
Lab File: BF077051.D
Acq: 26 Jan 2015 13:28

Instrument :
BNA_F
ClientSampleId :
PB81263BL

Tgt Ion:188 Resp: 99899
Ion Ratio Lower Upper
188 100
94 9.2 6.0 9.0#
80 10.5 6.9 10.3#

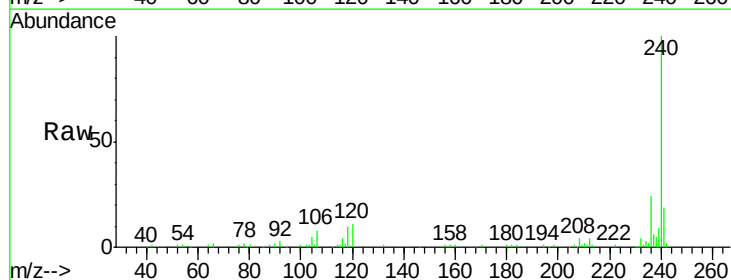


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

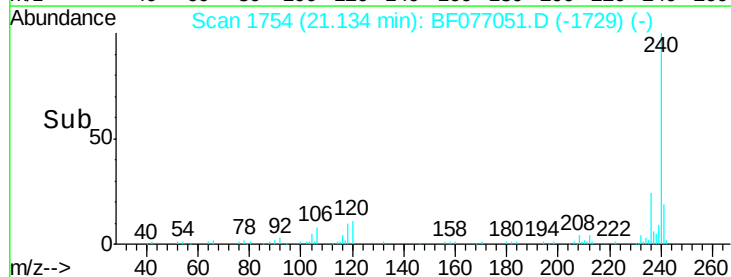
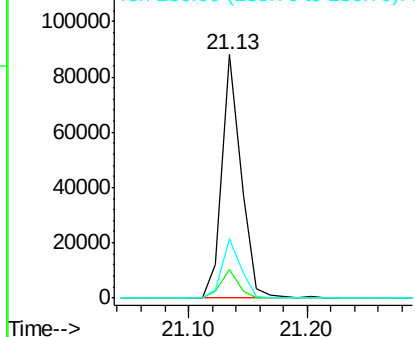


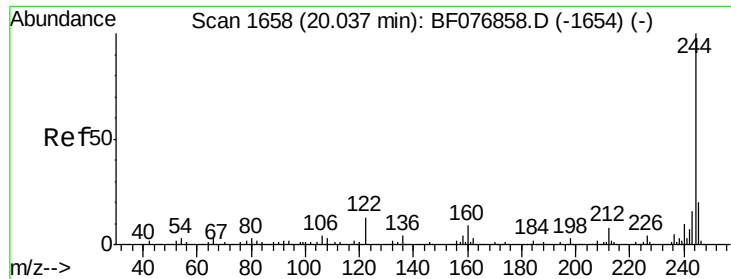
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.13 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF077051.D
Acq: 26 Jan 2015 13:28

Tgt Ion:240 Resp: 98339
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 24.3 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

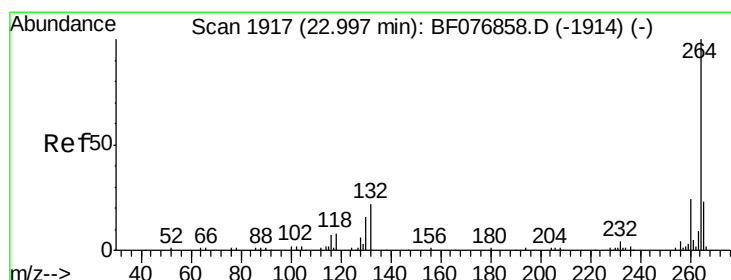
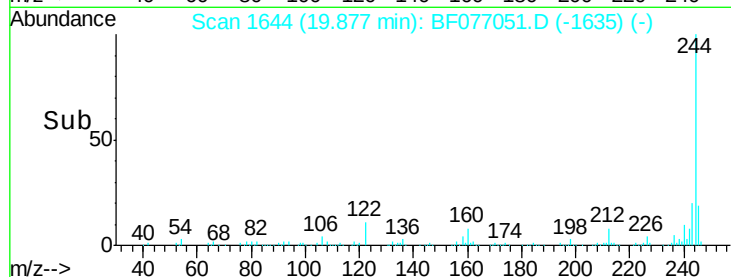
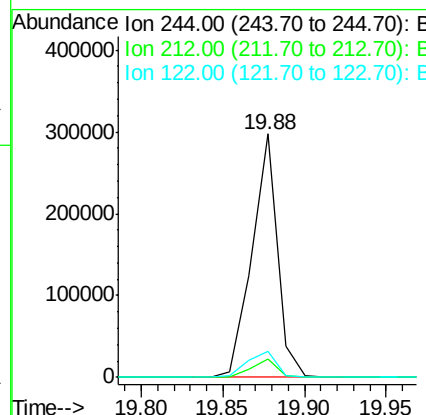
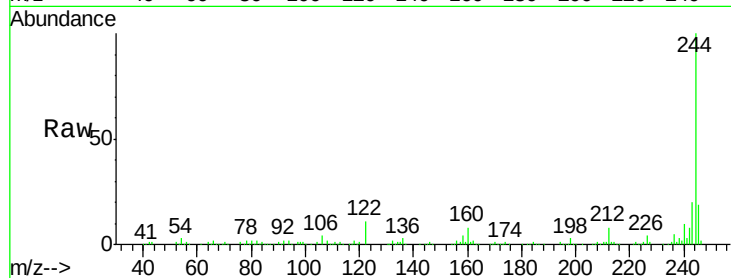




#78
 Terphenyl-d14
 Concen: 75.26 ng
 RT: 19.88 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Instrument :
 BNA_F
 ClientSampleId :
 PB81263BL

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.8	10.1	15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.79 min Scan# 1899
 Delta R.T. -0.03 min
 Lab File: BF077051.D
 Acq: 26 Jan 2015 13:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.0	18.1	27.1

