

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076950.D
 Acq On : 20 Jan 2015 5:10
 Operator : IZ / TP
 Sample : G1080-06
 Misc : W
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 06:07:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 05:54:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	35816	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	152133	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	82179	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	130444	20.00	ng	0.00
75) Chrysene-d12	21.27	240	129580	20.00	ng	-0.01
86) Perylene-d12	22.92	264	115952	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	132683	60.91	ng	0.00
7) Phenol-d6	7.38	99	98889	35.99	ng	0.01
23) Nitrobenzene-d5	9.27	82	242753	88.40	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	98269	147.31	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	493264	91.34	ng	0.00
78) Terphenyl-d14	20.00	244	446750	79.37	ng	0.00

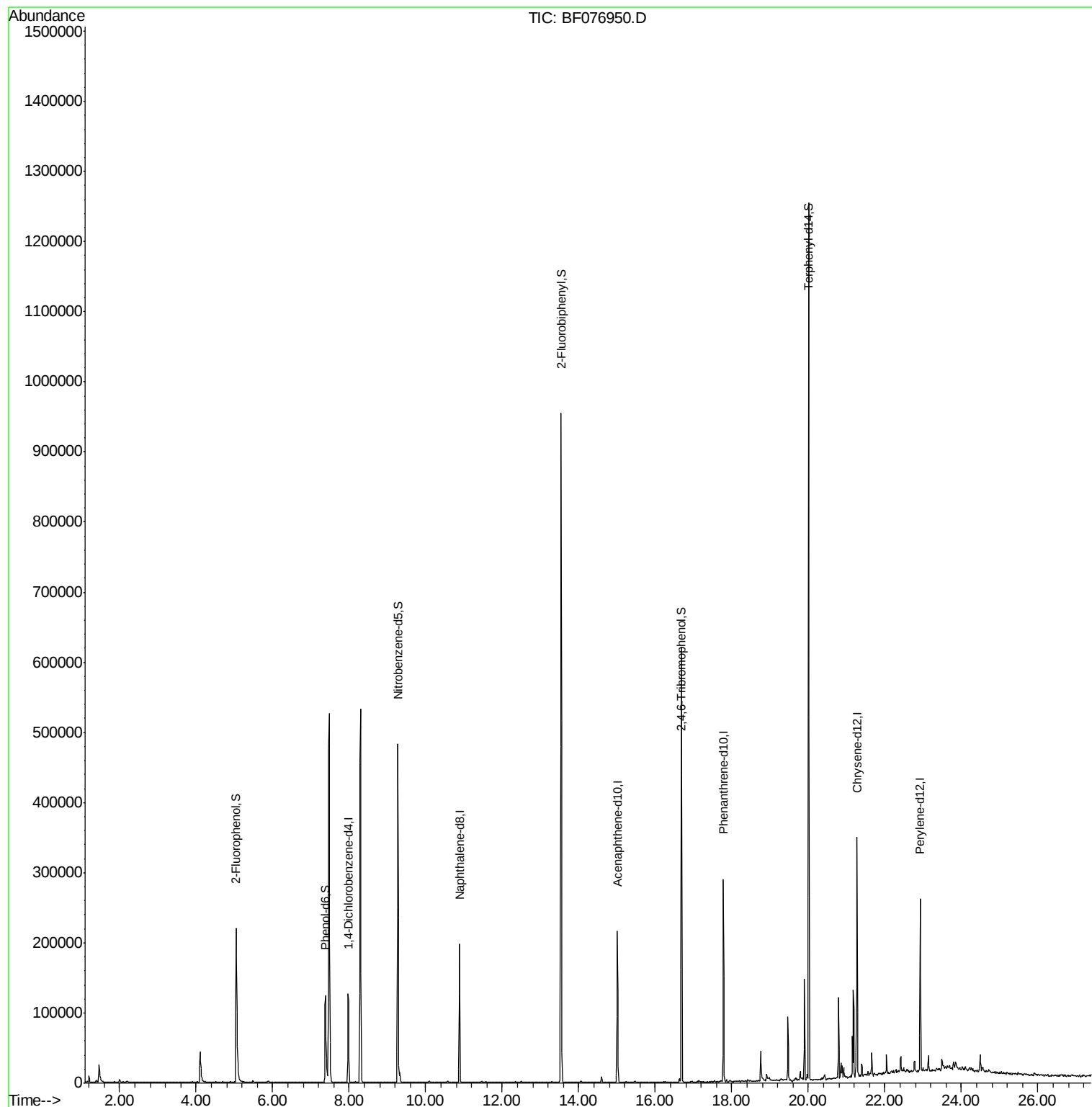
Target Compounds Qvalue

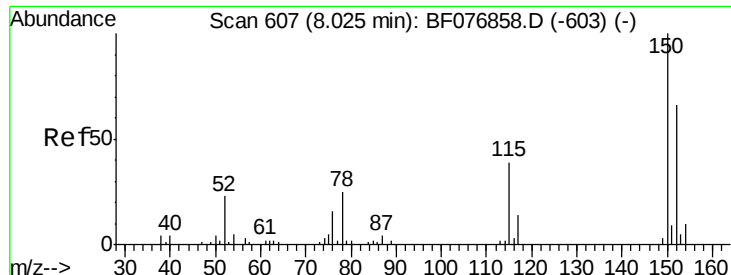
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 602

Delta R.T. -0.01 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Instrument :

BNA_F

ClientSampled :

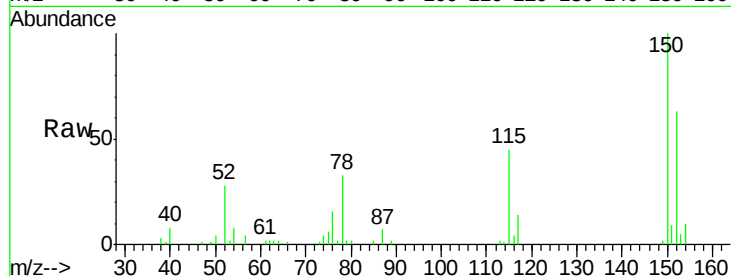
Tot Ion:152 Resp: 35816

Ion Ratio Lower Upper

152 100

150 158.5 121.7 182.5

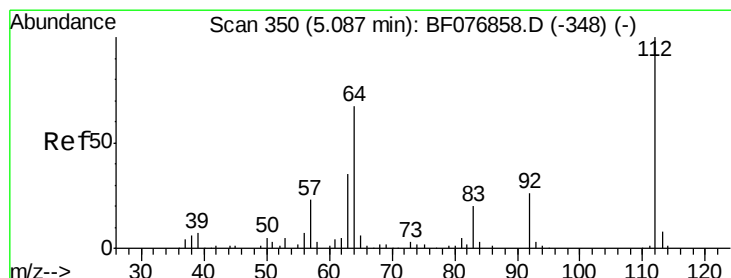
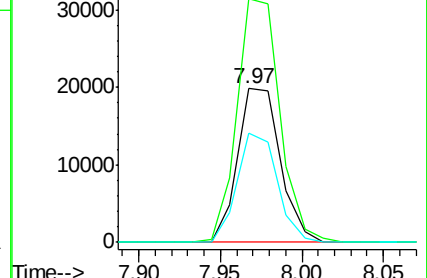
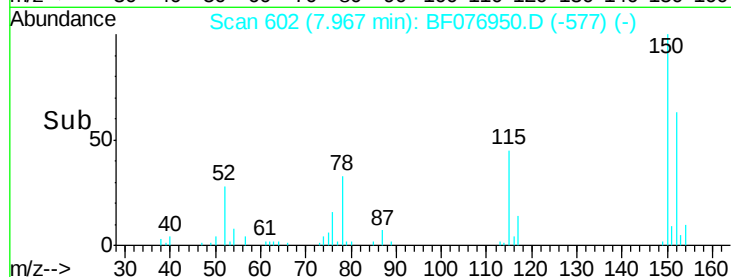
115 71.3 47.0 70.6#



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: 60.91 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

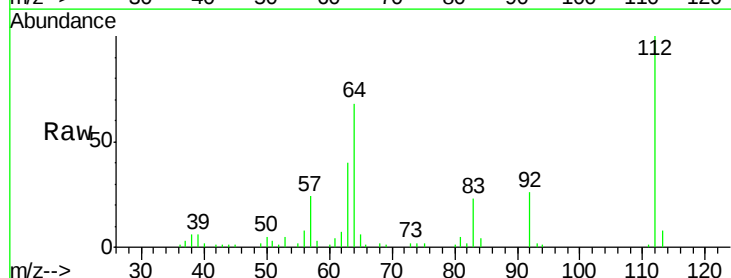
Tgt Ion:112 Resp: 132683

Ion Ratio Lower Upper

112 100

64 67.8 54.2 81.4

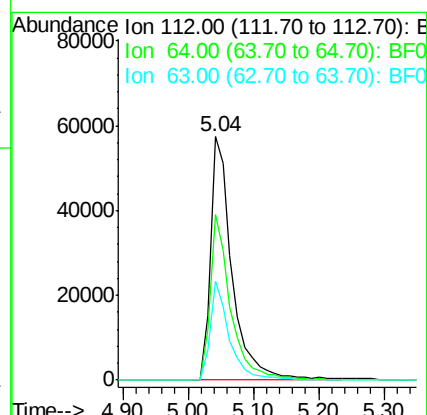
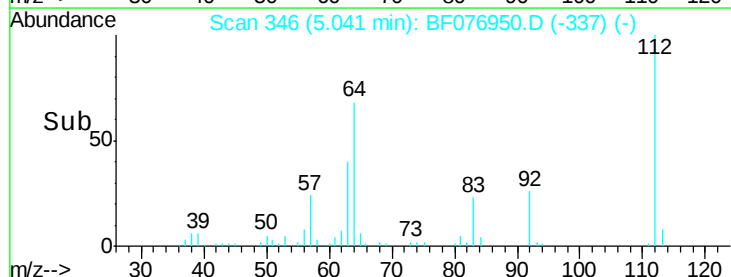
63 40.5 28.4 42.6

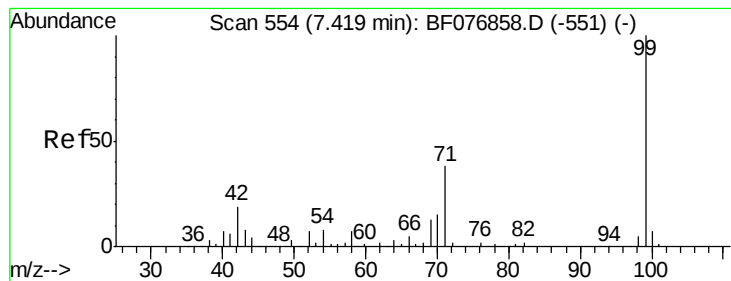


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.99 ng

RT: 7.38 min Scan# 551

Delta R.T. 0.01 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Instrument :

BNA_F

ClientSampleId :

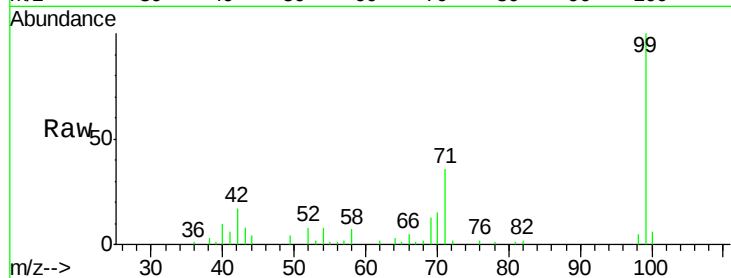
Tot Ion: 99 Resp: 98889

Ion Ratio Lower Upper

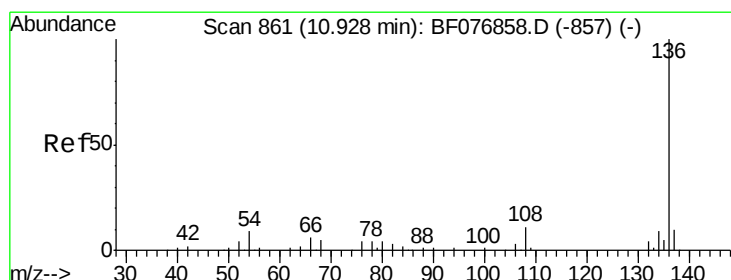
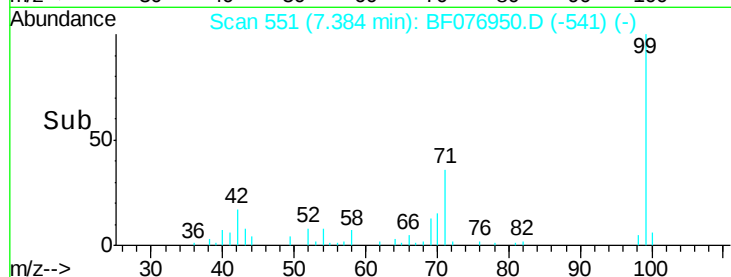
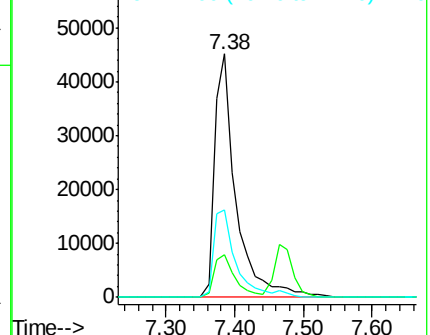
99 100

42 17.4 15.0 22.4

71 35.8 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: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Tgt Ion: 136 Resp: 152133

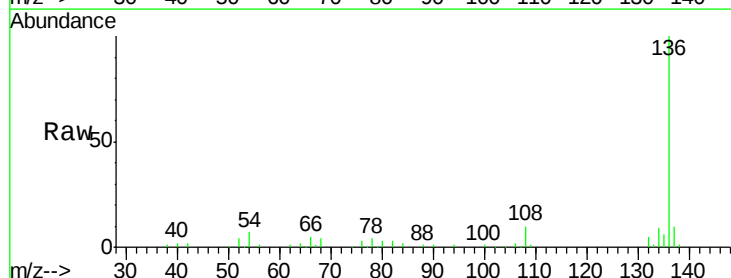
Ion Ratio Lower Upper

136 100

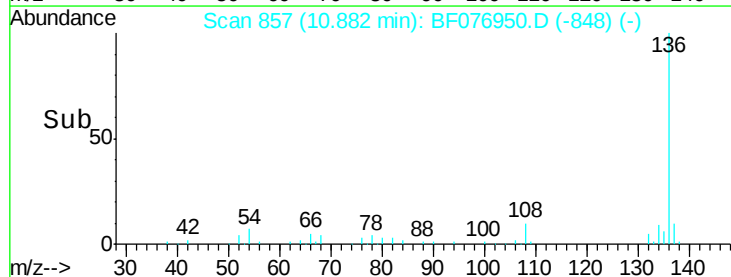
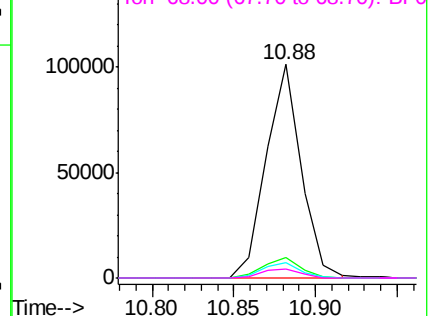
137 9.9 8.1 12.1

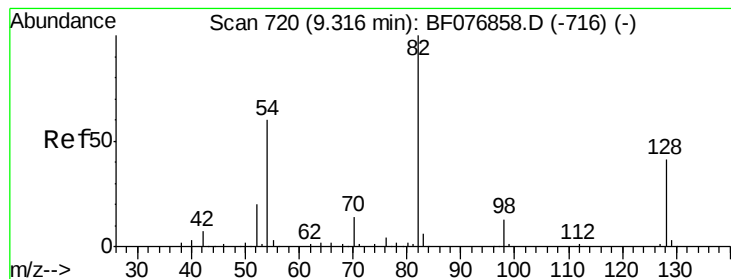
54 7.4 7.0 10.4

68 4.3 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: 88.40 ng

RT: 9.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Instrument :

BNA_F

ClientSampleId :

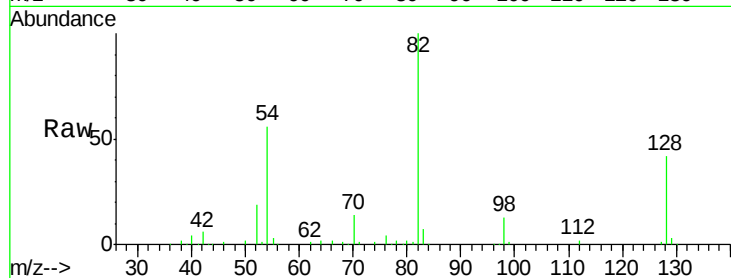
Tot Ion: 82 Resp: 242753

Ion Ratio Lower Upper

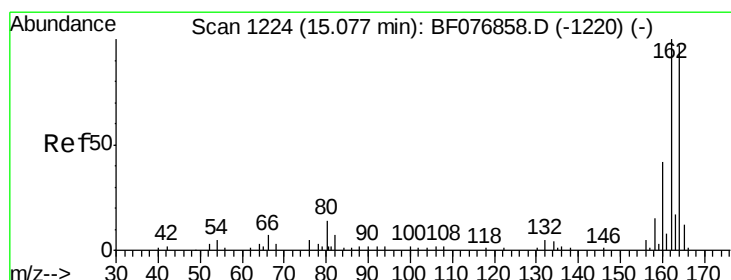
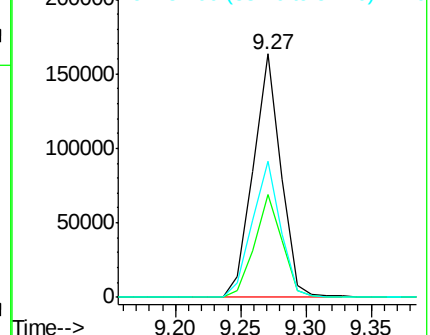
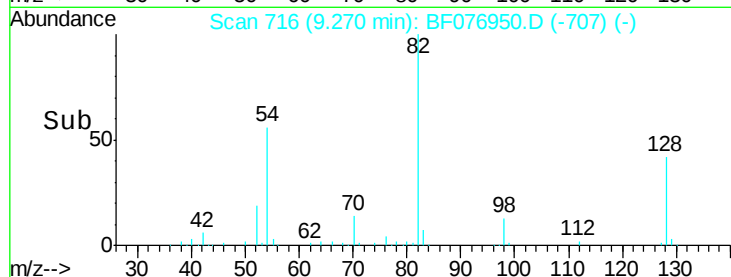
82 100

128 42.2 33.1 49.7

54 55.8 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076950.D (-707) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

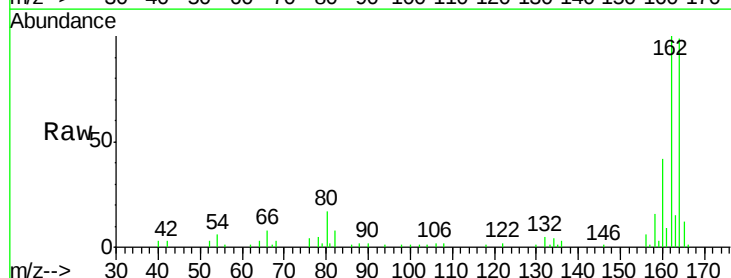
Tgt Ion:164 Resp: 82179

Ion Ratio Lower Upper

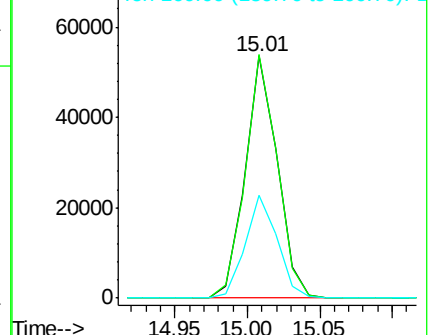
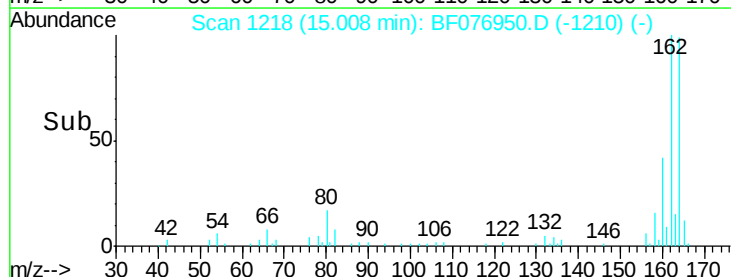
164 100

162 100.7 82.4 123.6

160 42.7 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BF076950.D (-1210) (-)

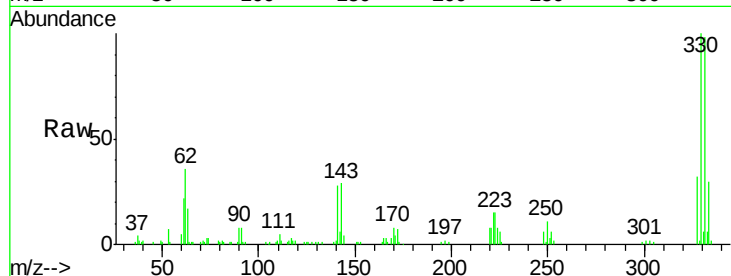




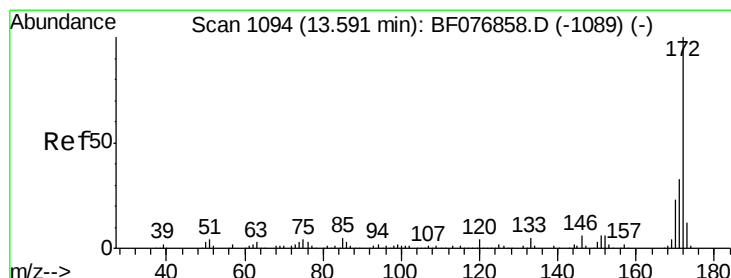
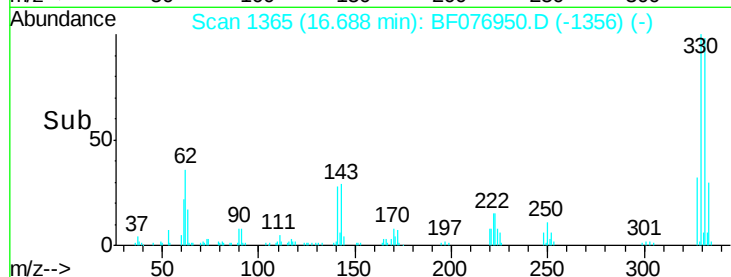
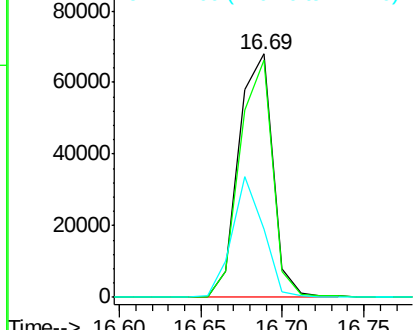
#41
 2,4,6-Tribromophenol
 Concen: 147.31 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.7	77.8	116.6
141	45.6	38.5	57.7

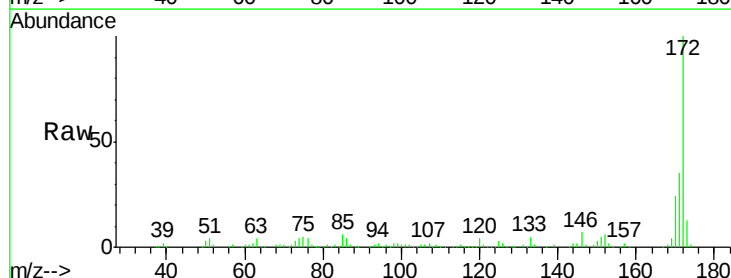


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

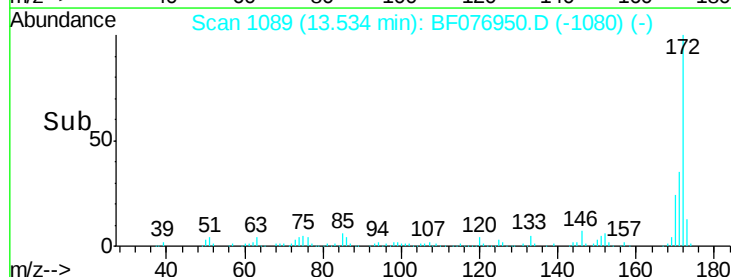
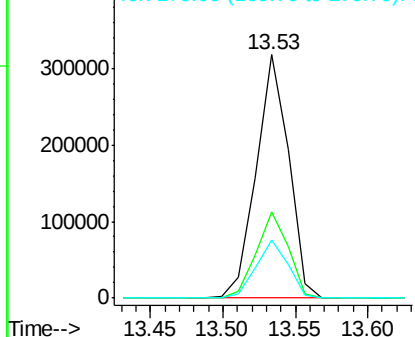


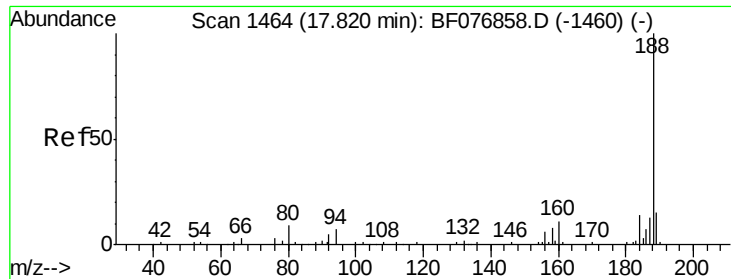
#44
 2-Fluorobiphenyl
 Concen: 91.34 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.6	40.0
170	24.0	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

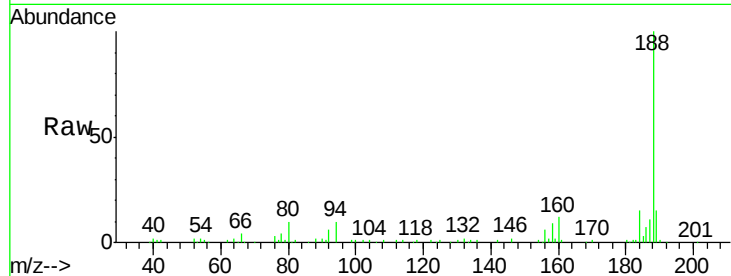




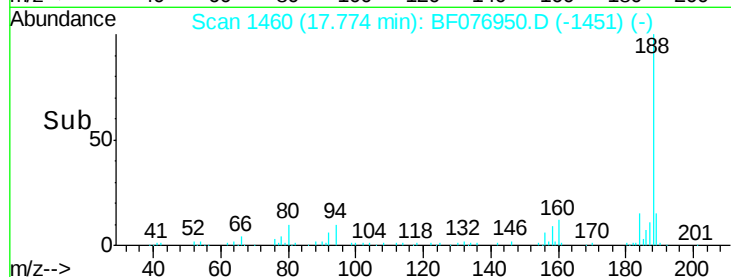
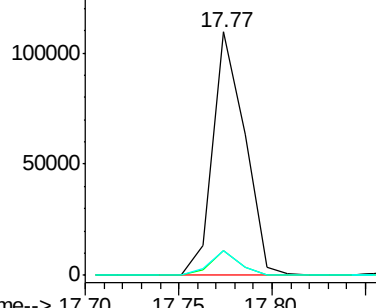
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:188 Resp: 130444
 Ion Ratio Lower Upper
 188 100
 94 10.0 6.0 9.0#
 80 10.1 6.9 10.3

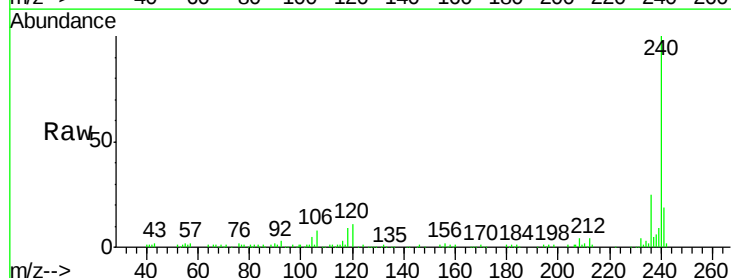


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

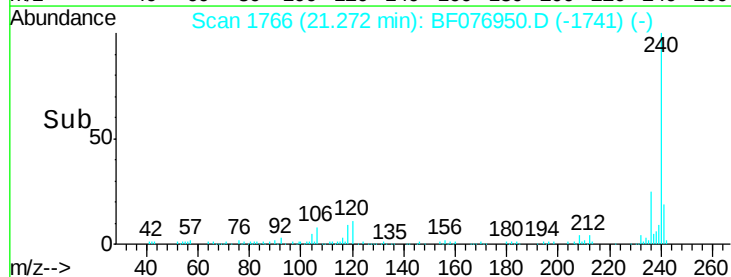
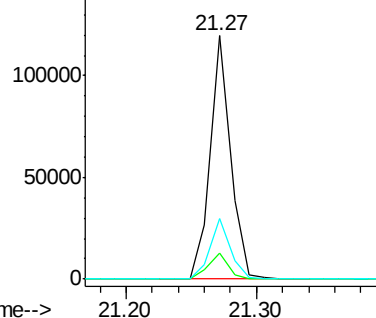


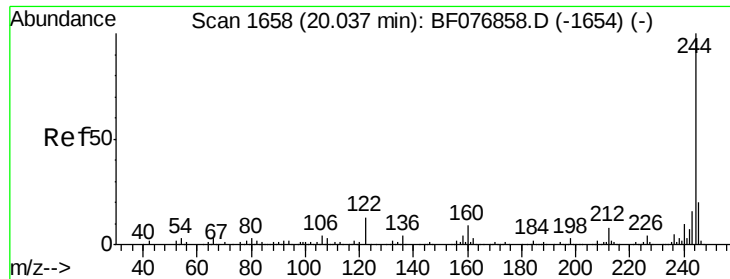
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion:240 Resp: 129580
 Ion Ratio Lower Upper
 240 100
 120 10.7 10.4 15.6
 236 25.0 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

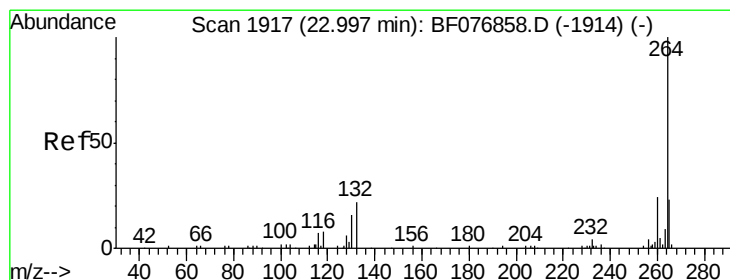
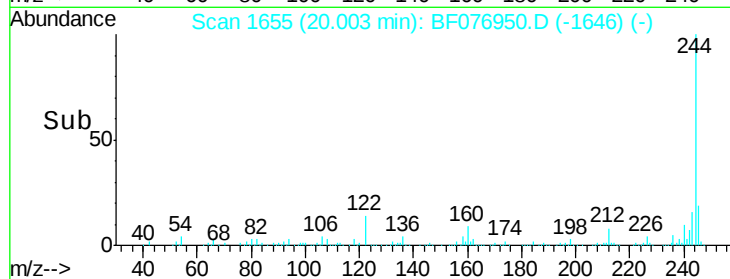
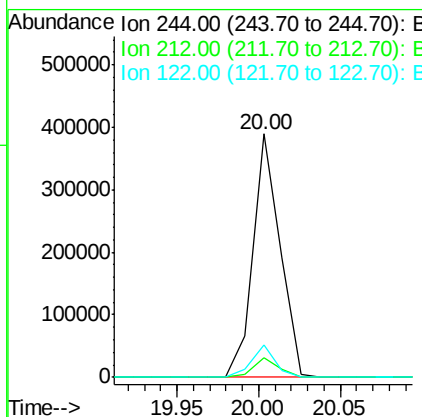
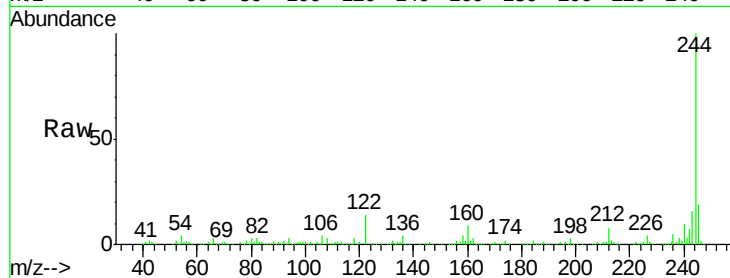




#78
 Terphenyl-d14
 Concen: 79.37 ng
 RT: 20.00 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 446750
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 13.6 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.92 min Scan# 1910
 Delta R.T. -0.05 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion:264 Resp: 115952
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.0 28.4
 265 20.2 18.1 27.1

