

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050415\
 Data File : BF078920.D
 Acq On : 4 May 2015 15:58
 Operator : TP/IZ
 Sample : G2044-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-56D

Quant Time: May 05 02:07:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 00:58:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	74552	20.00	ng	0.00
21) Naphthalene-d8	8.94	136	301465	20.00	ng	0.00
38) Acenaphthene-d10	11.11	164	153083	20.00	ng	-0.01
63) Phenanthrene-d10	12.96	188	293291	20.00	ng	0.00
75) Chrysene-d12	16.26	240	301509	20.00	ng	-0.06
86) Perylene-d12	18.08	264	298297	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	352285	81.34	ng	0.01
7) Phenol-d6	6.90	99	479126	83.69	ng	0.00
23) Nitrobenzene-d5	8.04	82	263472	50.23	ng	0.00
41) 2,4,6-Tribromophenol	12.09	330	128412	77.54	ng	0.00
44) 2-Fluorobiphenyl	10.27	172	495897	45.13	ng	-0.01
78) Terphenyl-d14	14.95	244	540747m	42.94	ng	-0.01

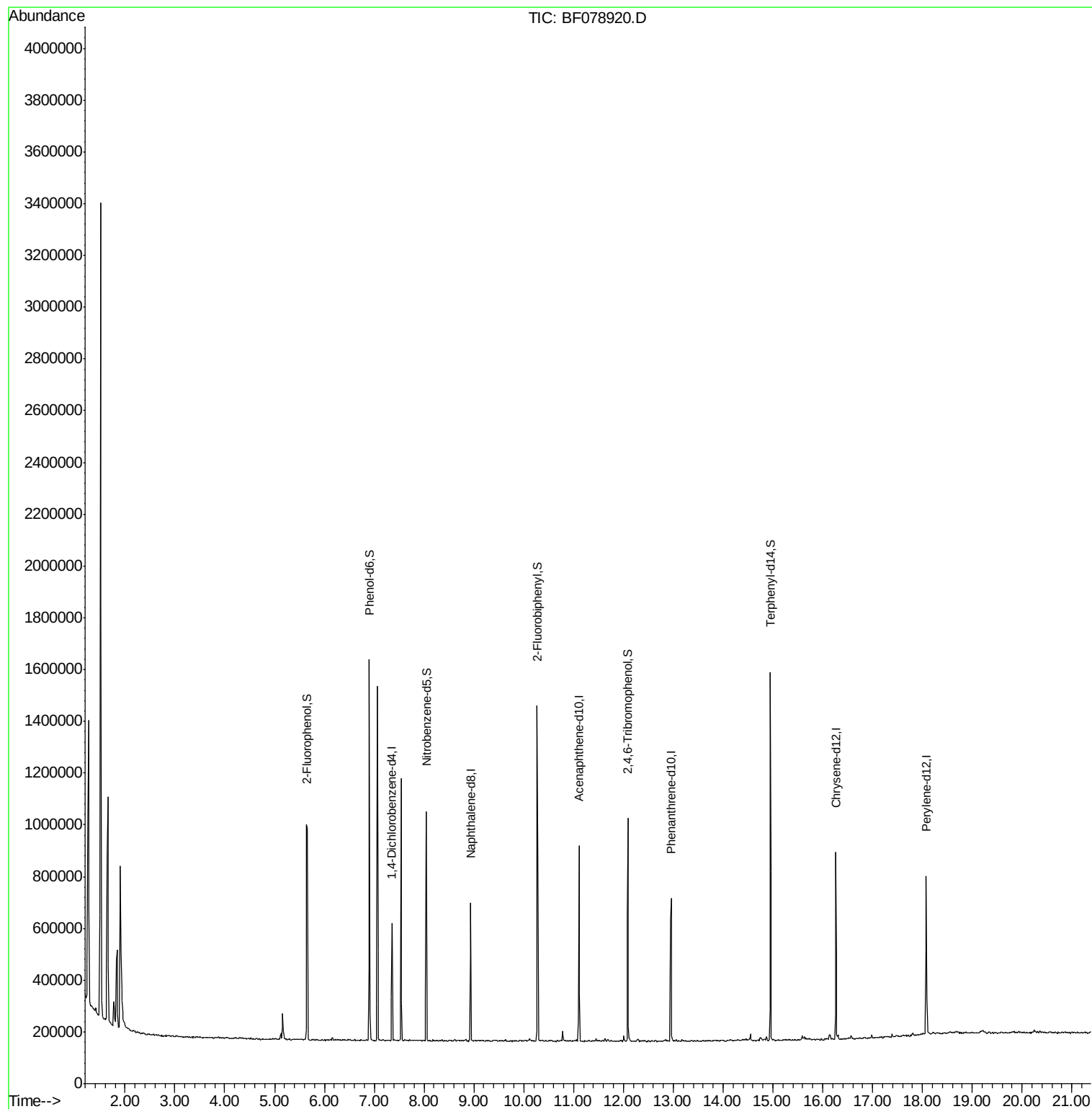
Target Compounds Qvalue

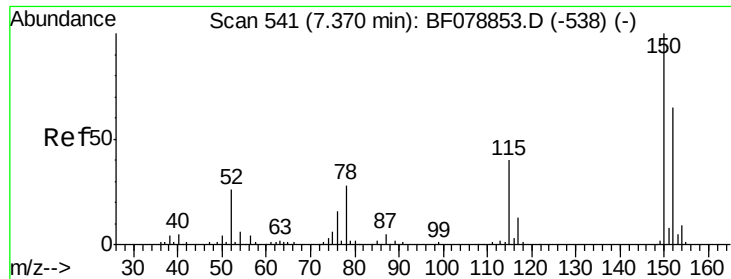
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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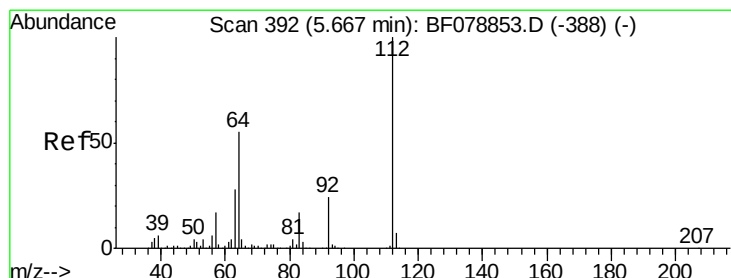
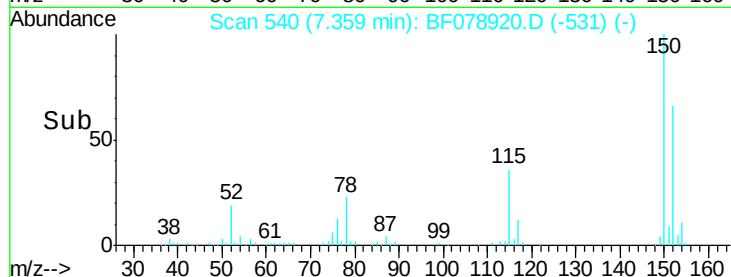
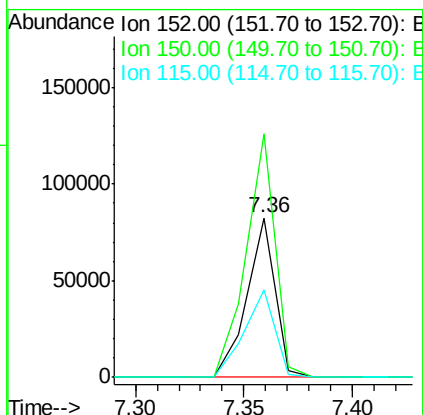
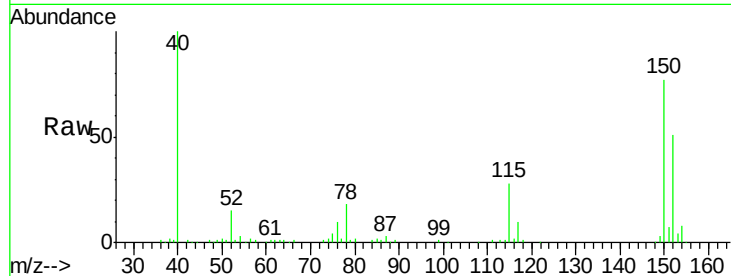


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.36 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF078920.D
Acq: 4 May 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SB-56D

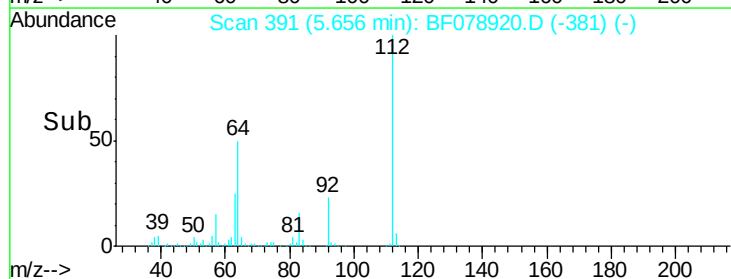
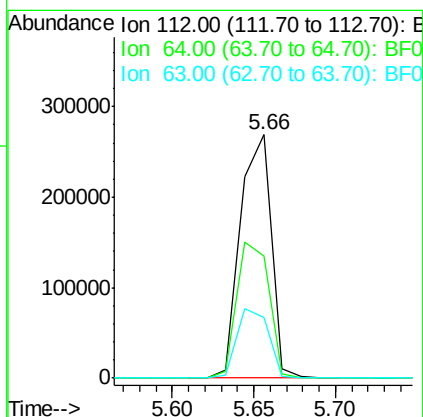
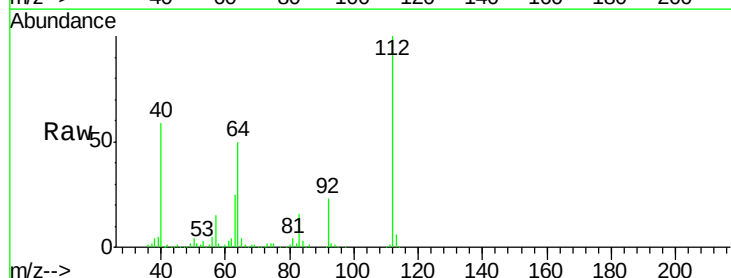
Tot Ion:152 Resp: 74552
Ion Ratio Lower Upper
152 100
150 152.6 122.0 183.0
115 54.6 46.3 69.5

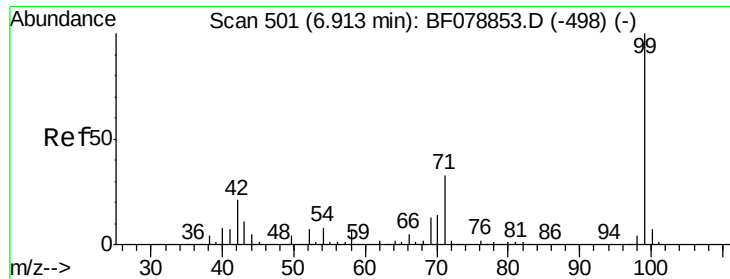


#5

2-Fluorophenol
Concen: 81.34 ng
RT: 5.66 min Scan# 391
Delta R.T. 0.01 min
Lab File: BF078920.D
Acq: 4 May 2015 15:58

Tgt Ion:112 Resp: 352285
Ion Ratio Lower Upper
112 100
64 49.9 53.5 80.3#
63 25.0 27.5 41.3#





#7

Phenol-d6

Concen: 83.69 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078920.D

Acq: 4 May 2015 15:58

Instrument :

BNA_F

ClientSampleId :

SB-56D

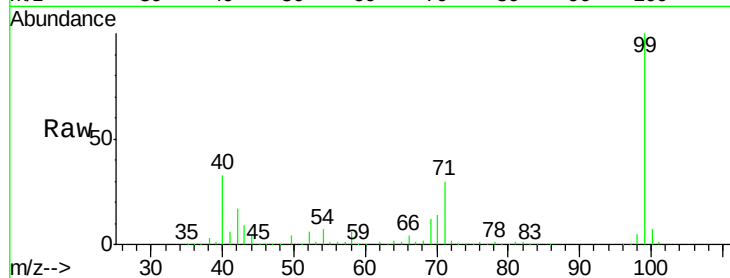
Tot Ion: 99 Resp: 479126

Ion Ratio Lower Upper

99 100

42 17.3 12.8 19.2

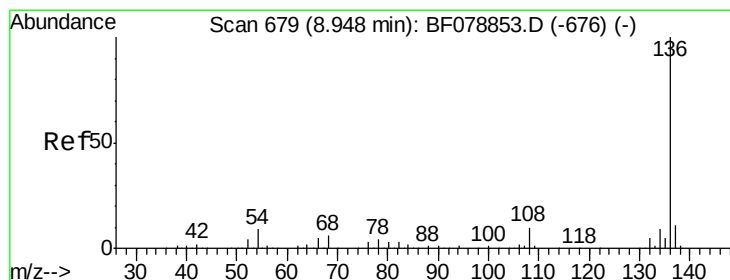
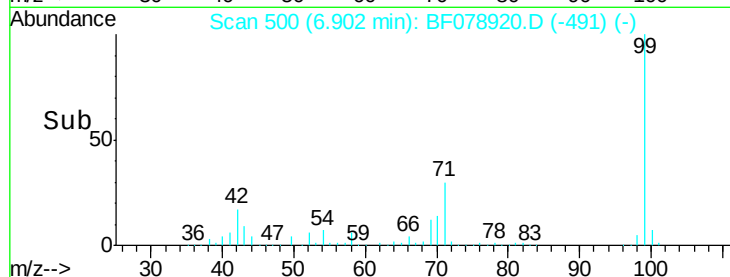
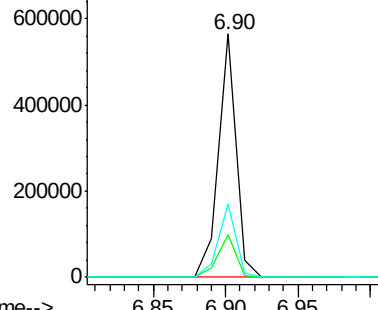
71 30.3 23.4 35.2



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: 8.94 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF078920.D

Acq: 4 May 2015 15:58

Tgt Ion: 136 Resp: 301465

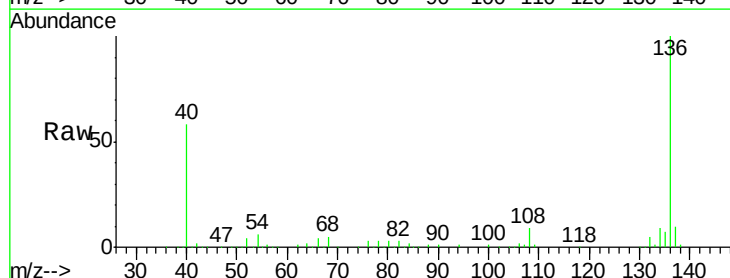
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.5 5.8 8.8

68 5.0 4.2 6.4

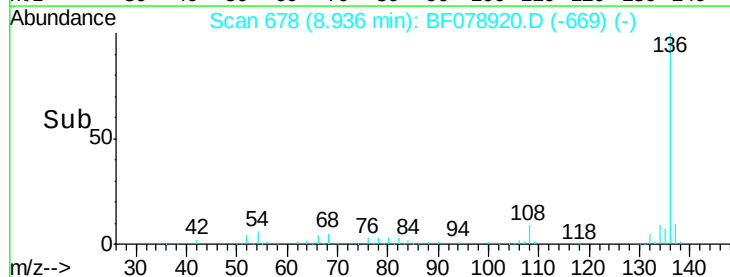
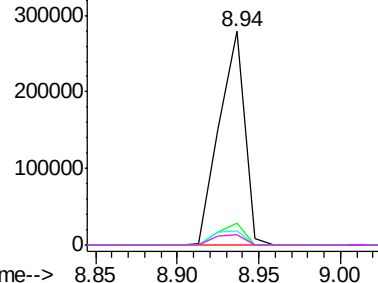


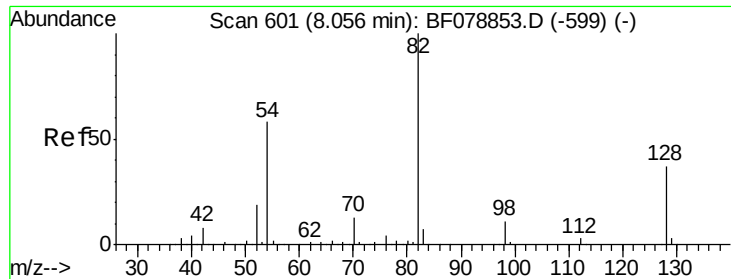
Abundance Ion 136.00 (135.70 to 136.70): E

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

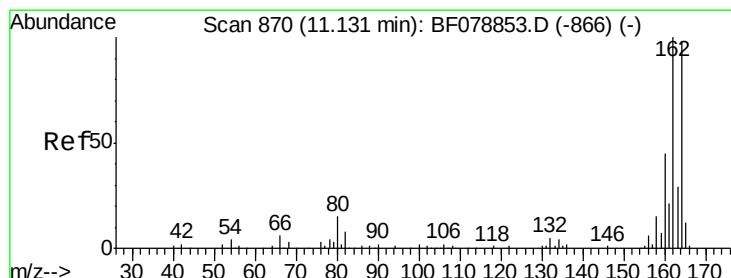
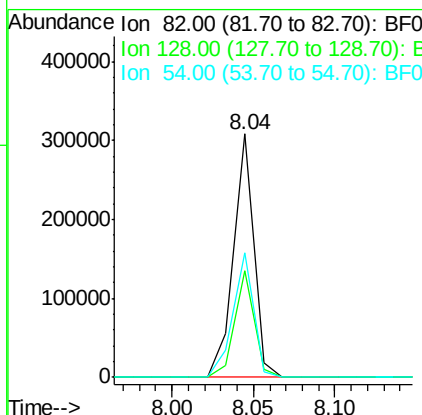
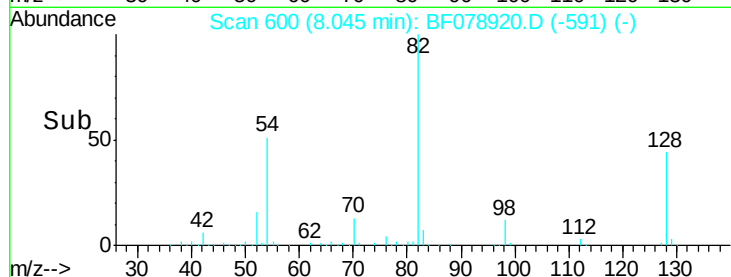
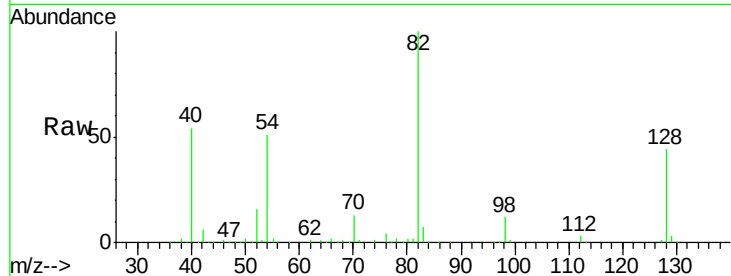




#23
 Nitrobenzene-d5
 Concen: 50.23 ng
 RT: 8.04 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

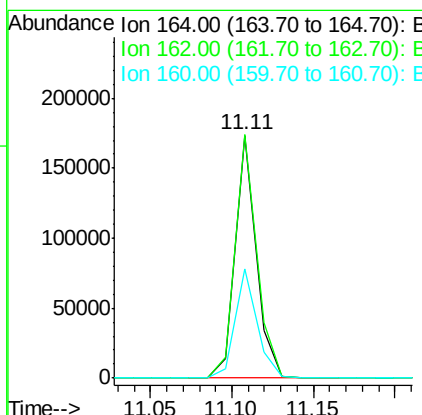
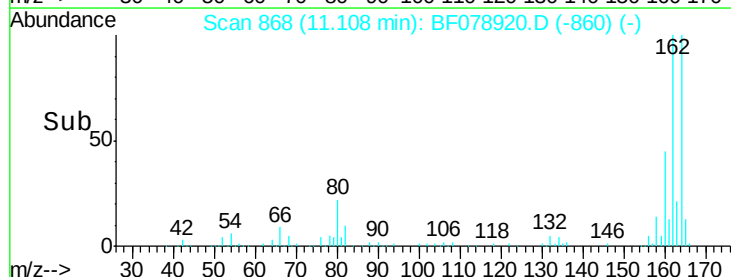
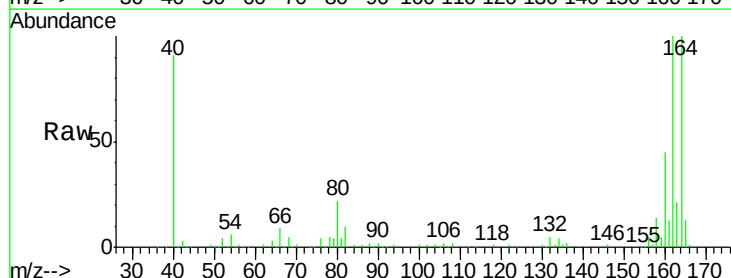
Instrument :
 BNA_F
 ClientSampled :
 SB-56D

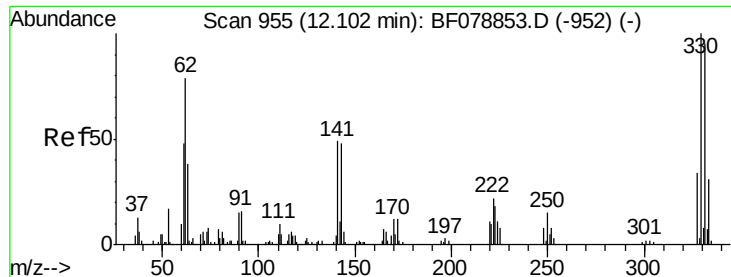
Tot Ion: 82 Resp: 263472
 Ion Ratio Lower Upper
 82 100
 128 44.0 30.0 45.0
 54 50.9 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 868
 Delta R.T. -0.01 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

Tgt Ion: 164 Resp: 153083
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.7 124.1
 160 44.9 35.8 53.8

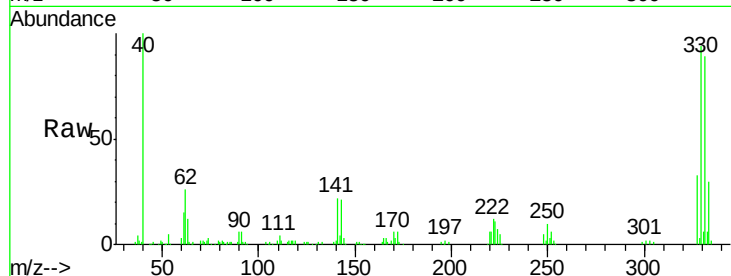




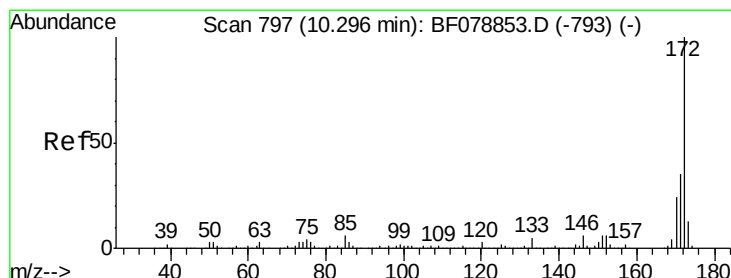
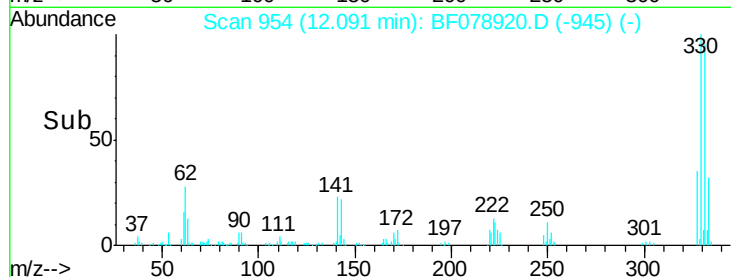
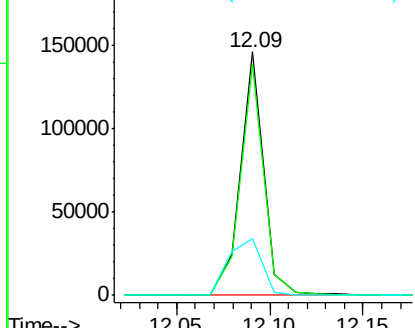
#41
 2,4,6-Tribromophenol
 Concen: 77.54 ng
 RT: 12.09 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-56D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	0.0	0.0#
141	33.7	0.0	0.0#

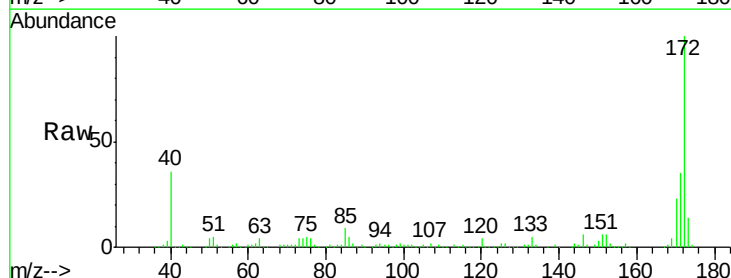


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

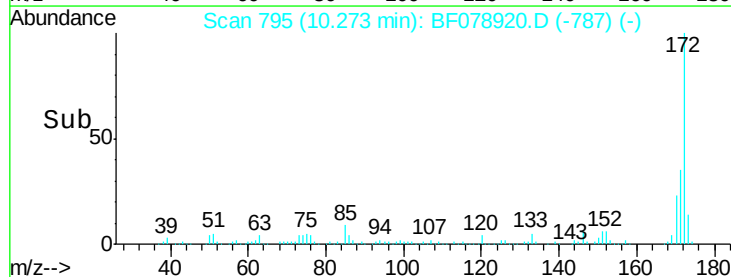
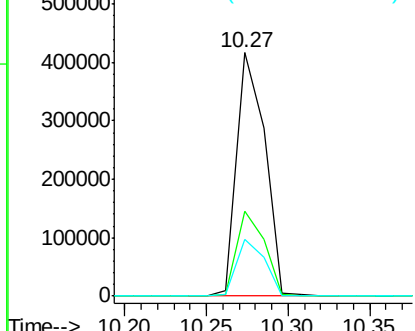


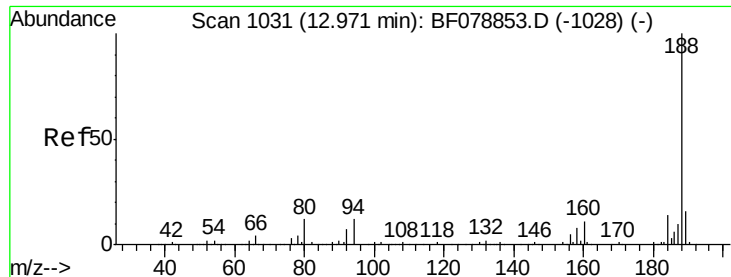
#44
 2-Fluorobiphenyl
 Concen: 45.13 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.9	41.9
170	23.4	19.4	29.0



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

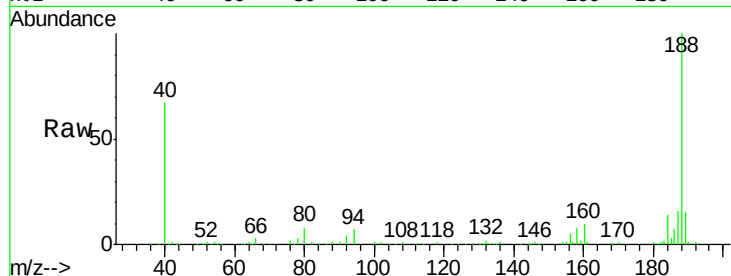




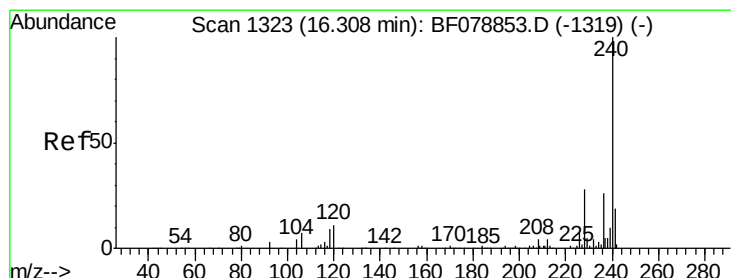
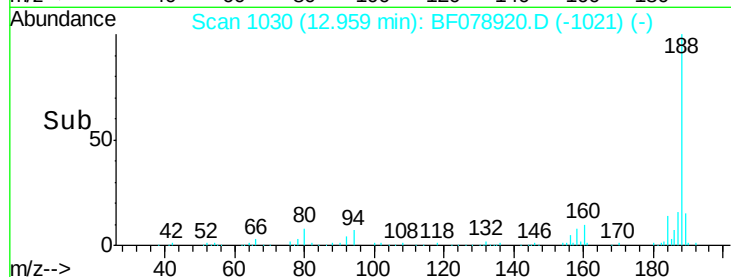
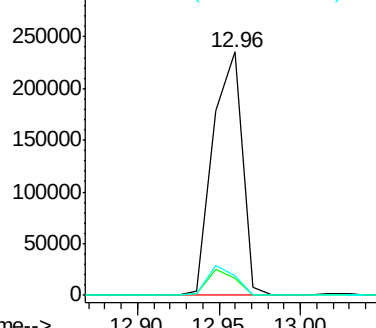
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.96 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BF078920.D
Acq: 4 May 2015 15:58

Instrument :
BNA_F
ClientSampleId :
SB-56D

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.2	12.2#
80	8.0	8.9	13.3#

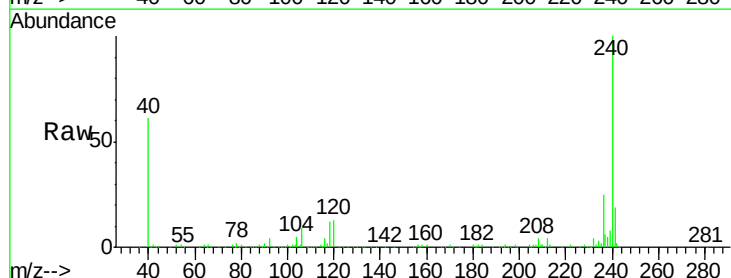


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

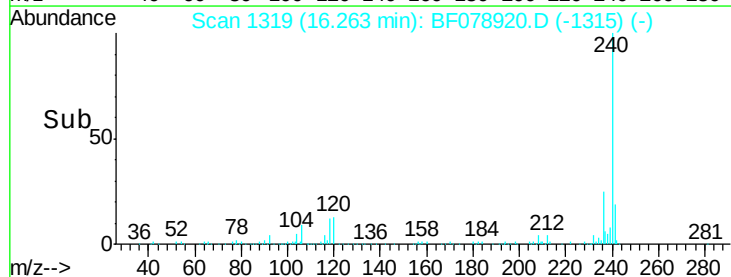
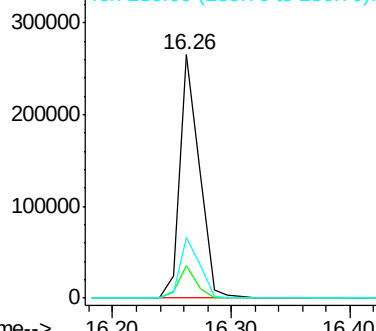


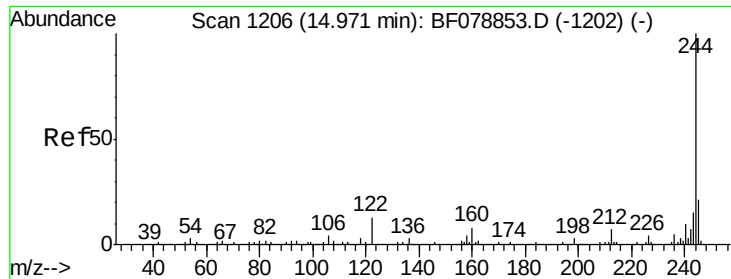
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.26 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF078920.D
Acq: 4 May 2015 15:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.7	14.5
236	25.1	20.2	30.4



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

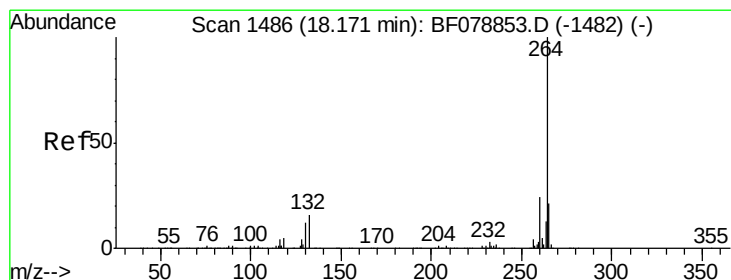
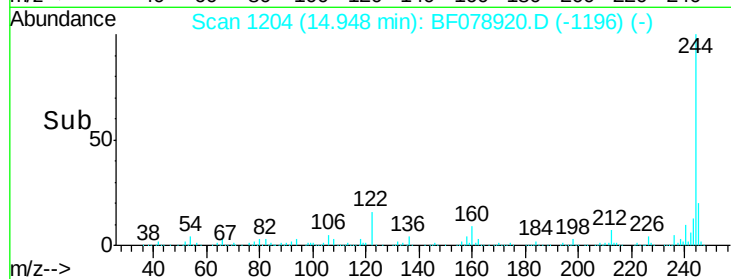
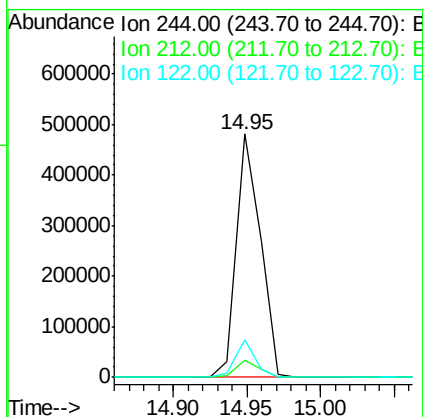
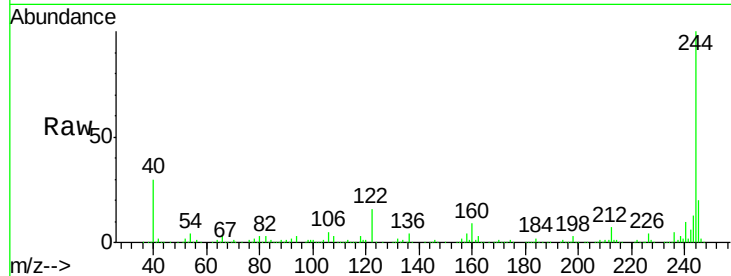




#78
 Terphenyl-d14
 Concen: 42.94 ng/mL
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

Instrument :
 BNA_F
 ClientSampleID :
 SB-56D

Tot Ion:244 Resp: 540747
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 15.6 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.08 min Scan# 1478
 Delta R.T. -0.16 min
 Lab File: BF078920.D
 Acq: 4 May 2015 15:58

Tgt Ion:264 Resp: 298297
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.1 18.3 27.5

