

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053115\
 Data File : BF079635.D
 Acq On : 31 May 2015 16:15
 Operator : TP/IZ
 Sample : G2427-03 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HB-9B-DEL2(0-4.5)

Quant Time: Jun 01 04:21:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 04:06:42 2015
 Response via : Initial Calibration

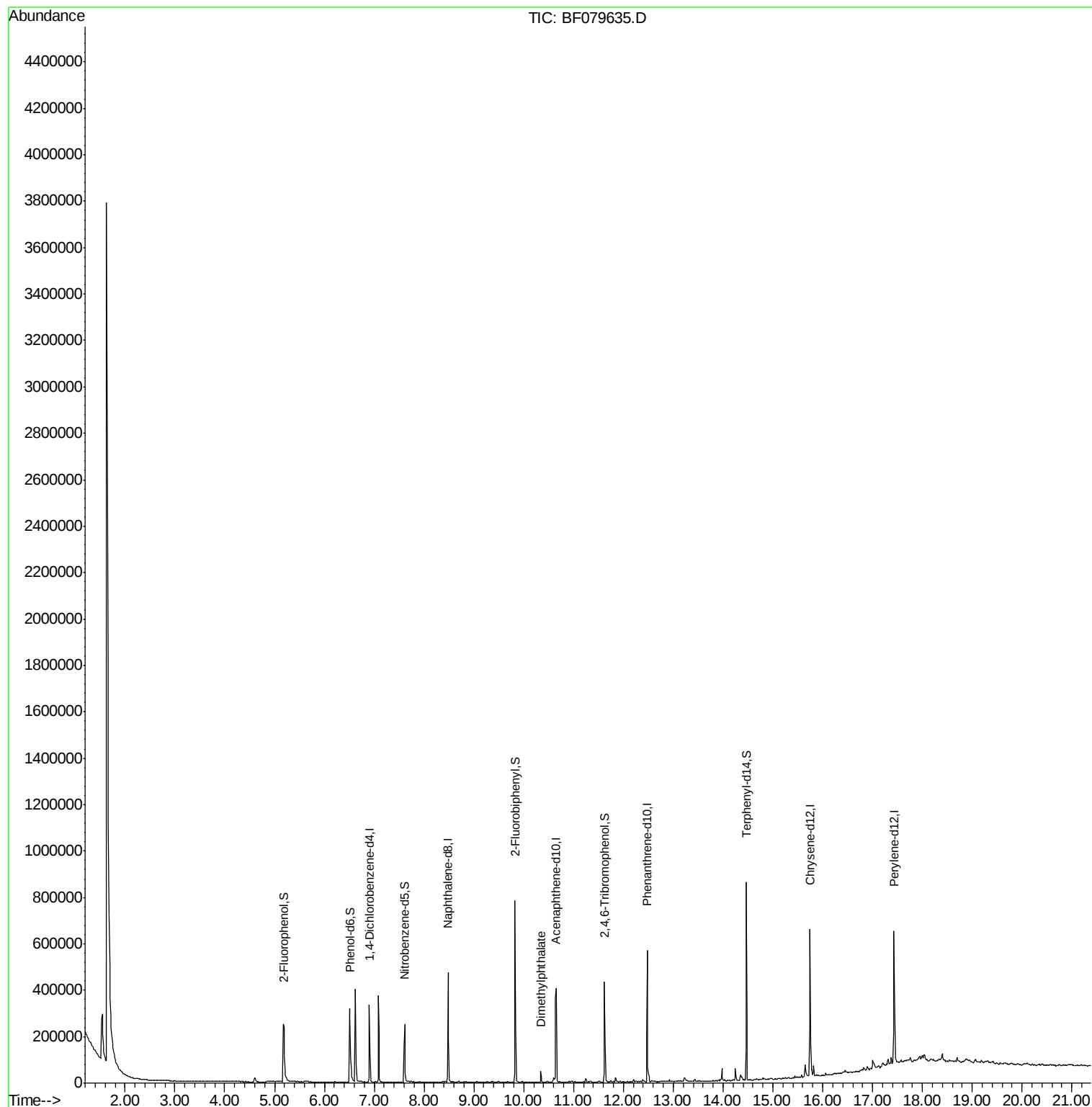
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	58229	20.00	ng	0.00
21) Naphthalene-d8	8.48	136	241760	20.00	ng	0.00
38) Acenaphthene-d10	10.65	164	117970	20.00	ng	0.00
63) Phenanthrene-d10	12.48	188	231814	20.00	ng	0.00
75) Chrysene-d12	15.75	240	245314	20.00	ng	0.00
86) Perylene-d12	17.43	264	256951	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	154829	46.12	ng	0.02
7) Phenol-d6	6.51	99	213675	49.93	ng	0.01
23) Nitrobenzene-d5	7.61	82	113744	27.20	ng	0.00
41) 2,4,6-Tribromophenol	11.62	330	62689	48.38	ng	-0.01
44) 2-Fluorobiphenyl	9.83	172	260441	31.50	ng	0.00
78) Terphenyl-d14	14.47	244	301027	28.80	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.34	163	22323	2.57	ng	Qvalue 100

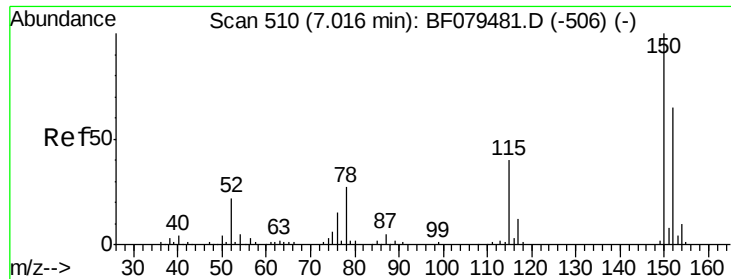
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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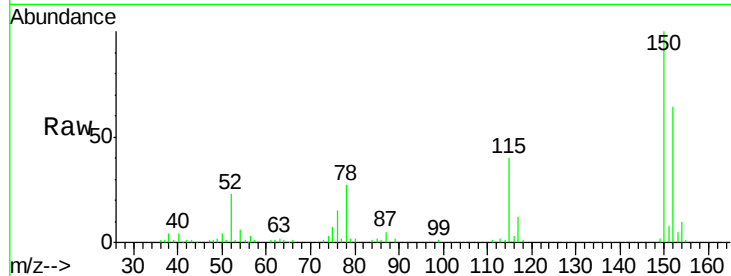




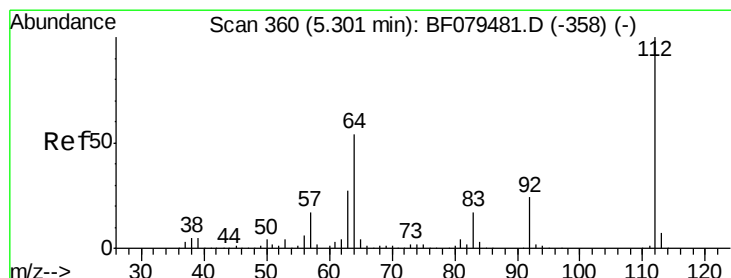
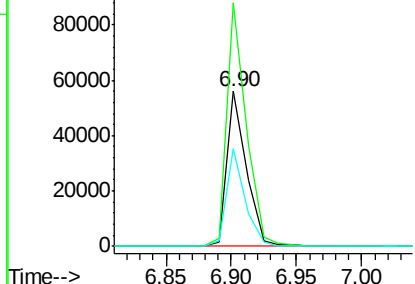
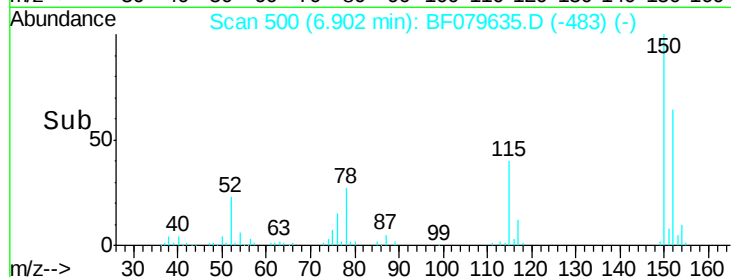
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 500
 Delta R.T. 0.00 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 HB-9B-DEL2(0-4.5)

Tgt Ion:152 Resp: 58229
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.0 186.0
 115 62.6 49.6 74.4

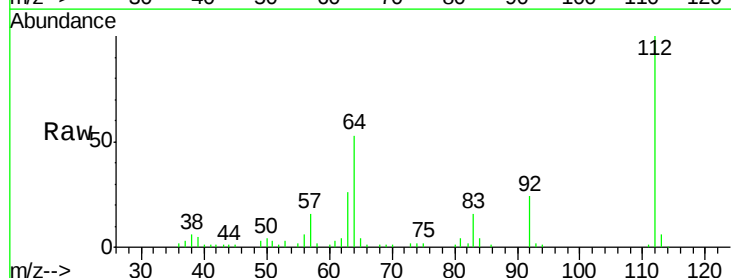


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

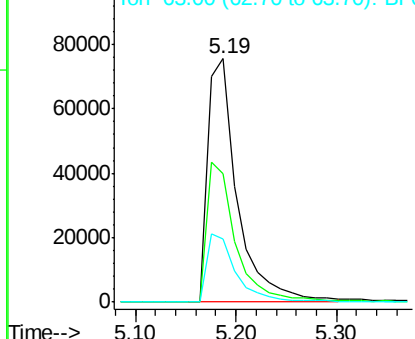
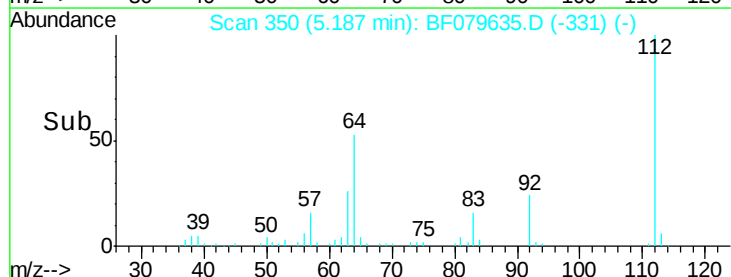


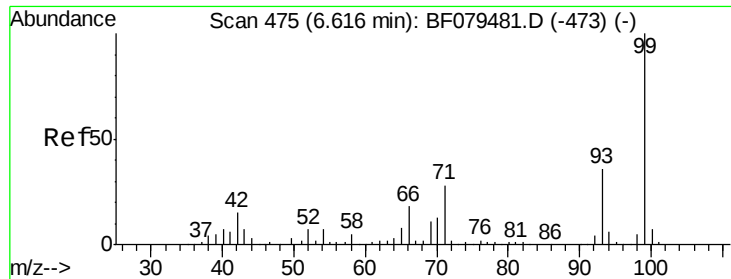
#5
 2-Fluorophenol
 Concen: 46.12 ng
 RT: 5.19 min Scan# 350
 Delta R.T. 0.02 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Tgt Ion:112 Resp: 154829
 Ion Ratio Lower Upper
 112 100
 64 52.8 43.5 65.3
 63 26.0 21.8 32.8



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: 49.93 ng

RT: 6.51 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

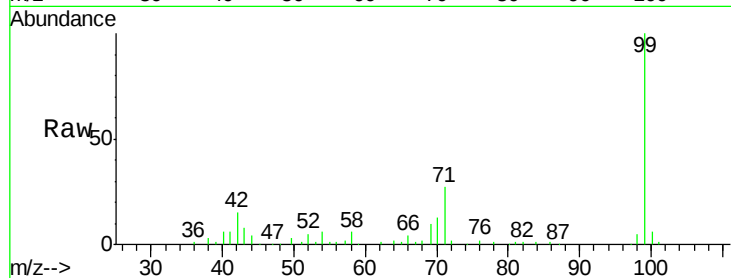
Tgt Ion: 99 Resp: 213675

Ion Ratio Lower Upper

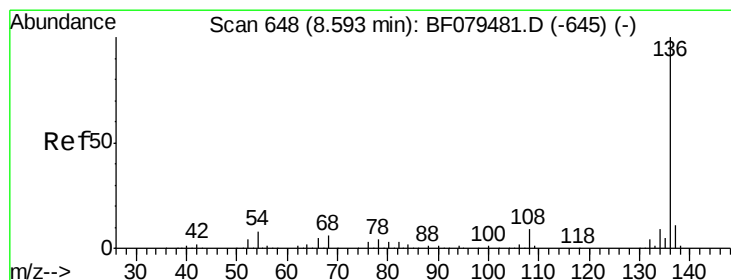
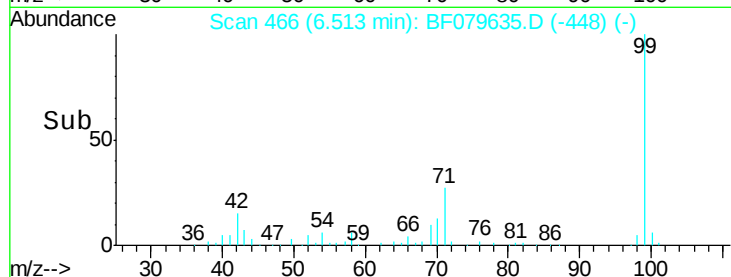
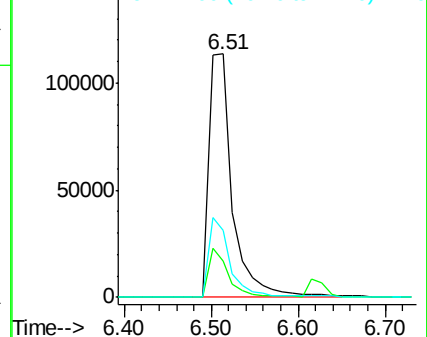
99 100

42 15.0 11.9 17.9

71 27.3 22.1 33.1



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: 8.48 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Tgt Ion: 136 Resp: 241760

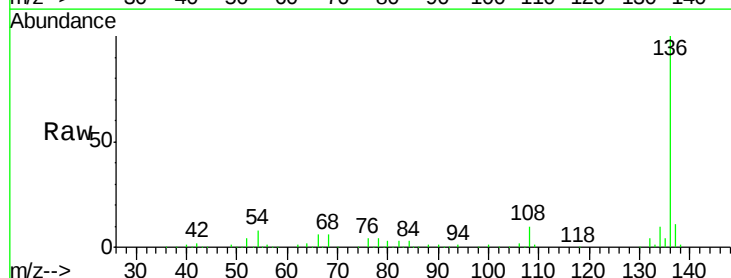
Ion Ratio Lower Upper

136 100

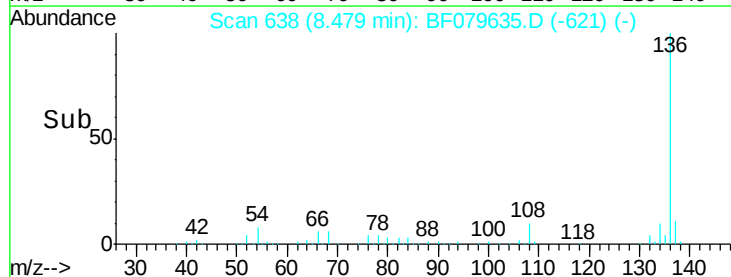
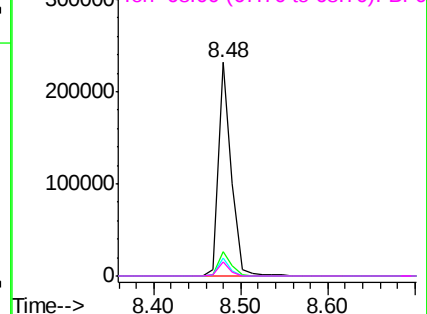
137 11.2 8.5 12.7

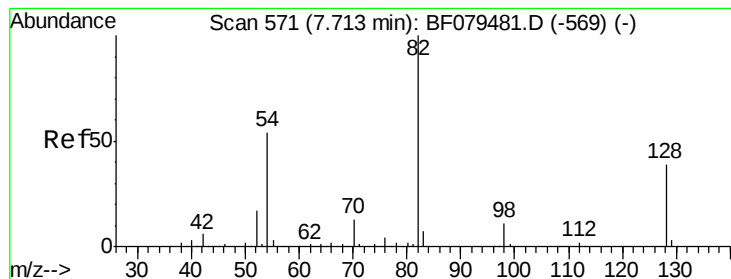
54 8.5 6.6 9.8

68 6.5 4.7 7.1



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: 27.20 ng

RT: 7.61 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

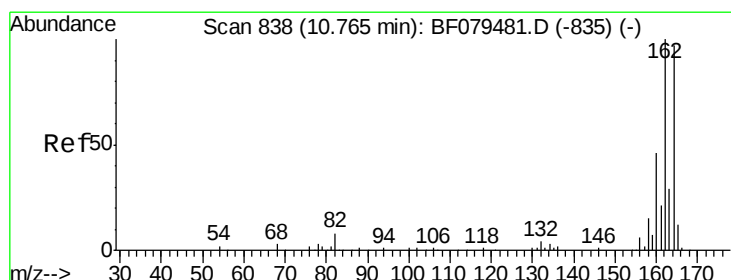
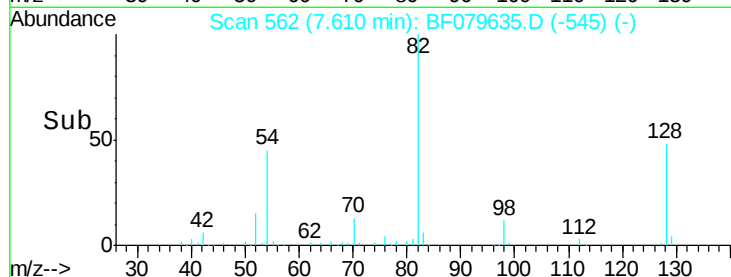
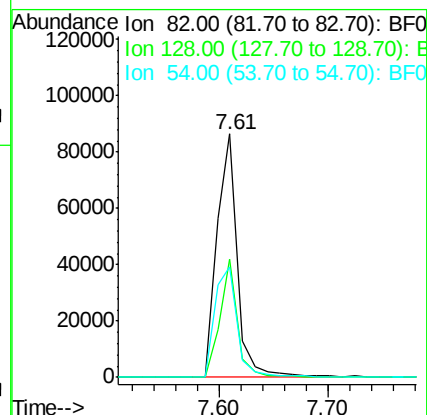
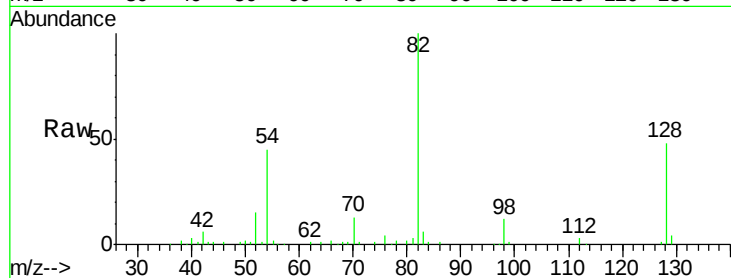
Tgt Ion: 82 Resp: 113744

Ion Ratio Lower Upper

82 100

128 48.4 30.8 46.2#

54 45.3 42.8 64.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.65 min Scan# 828

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

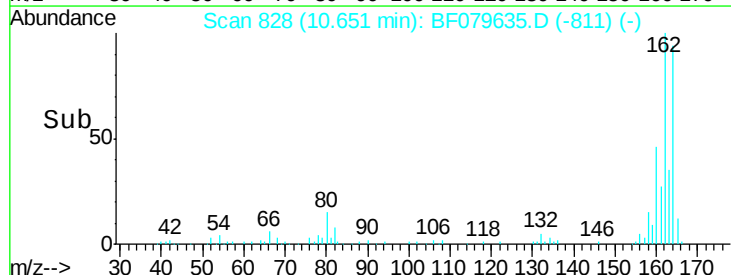
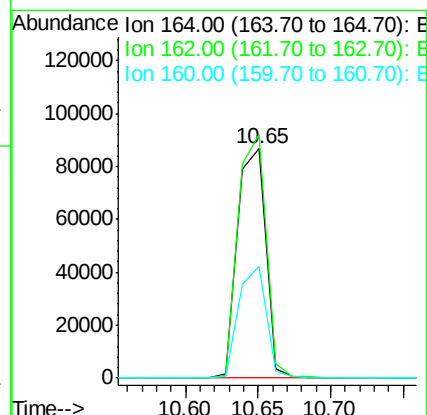
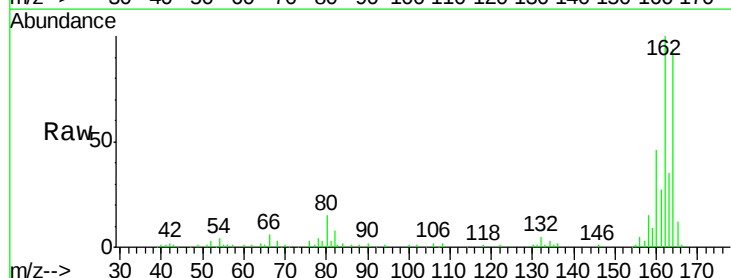
Tgt Ion: 164 Resp: 117970

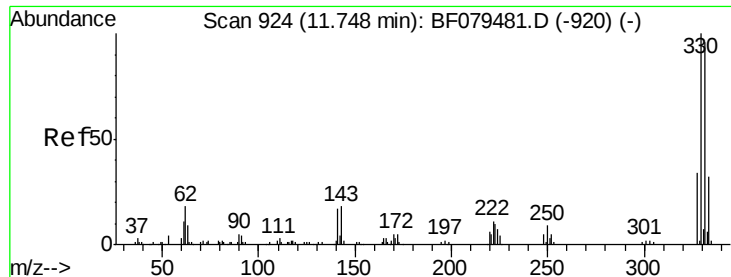
Ion Ratio Lower Upper

164 100

162 106.2 82.6 124.0

160 48.8 37.7 56.5

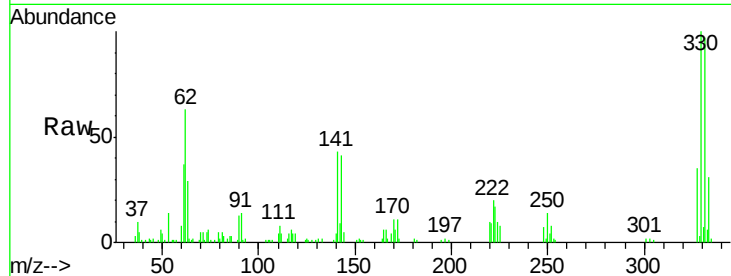




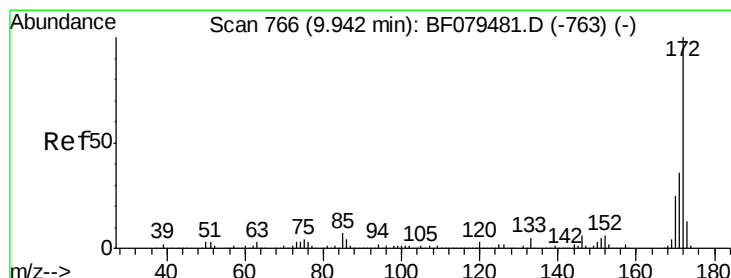
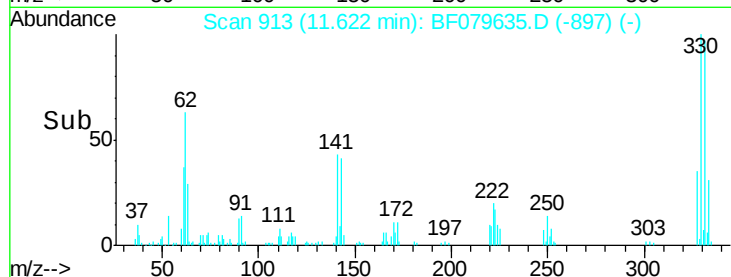
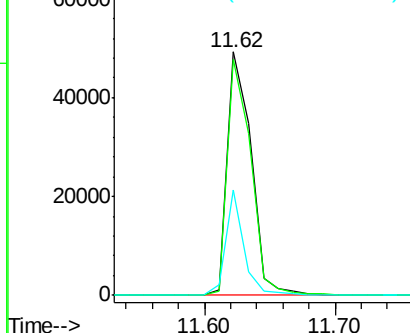
#41
 2,4,6-Tribromophenol
 Concen: 48.38 ng
 RT: 11.62 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :
 HB-9B-DEL2(0-4.5)

Tgt Ion:330 Resp: 62689
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 32.9 0.0 0.0#

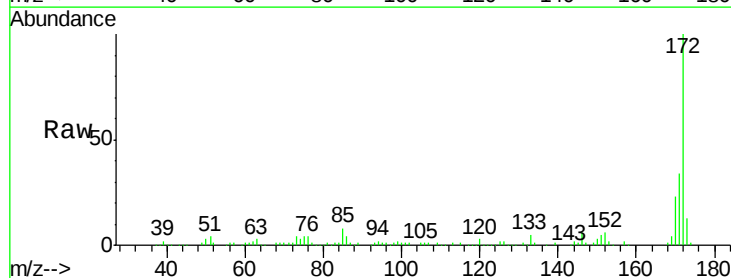


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

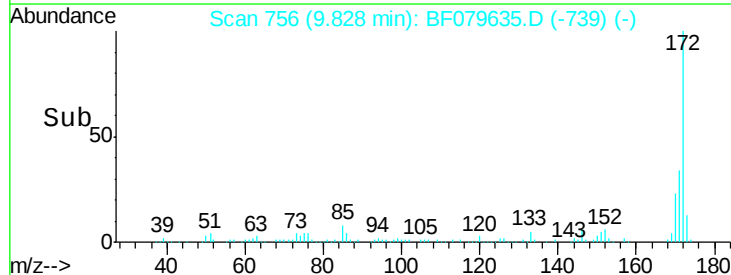
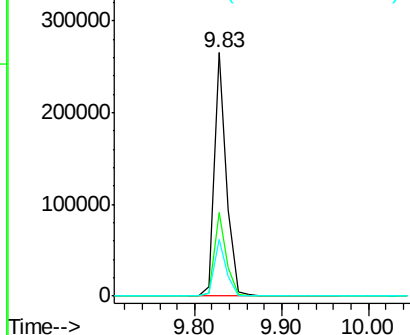


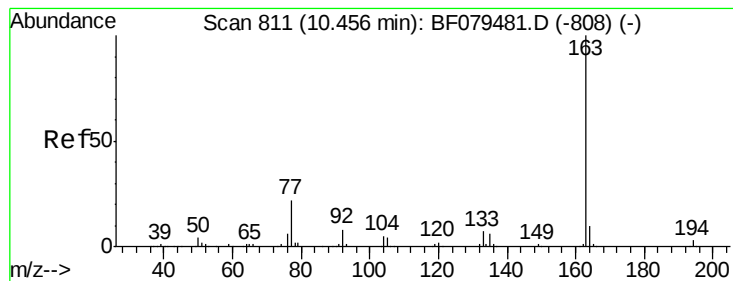
#44
 2-Fluorobiphenyl
 Concen: 31.50 ng
 RT: 9.83 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF079635.D
 Acq: 31 May 2015 16:15

Tgt Ion:172 Resp: 260441
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.5 42.7
 170 23.3 19.7 29.5



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





#49

Dimethylphthalate

Concen: 2.57 ng

RT: 10.34 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

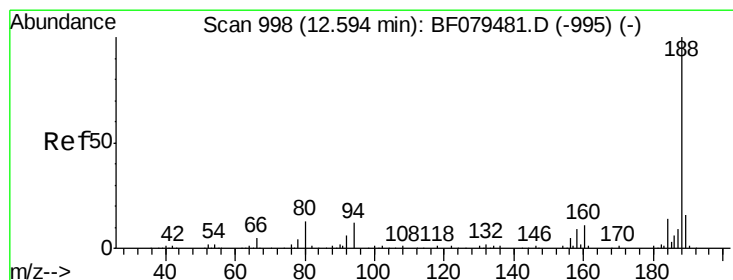
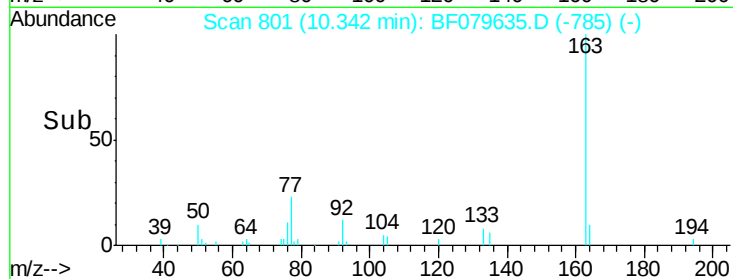
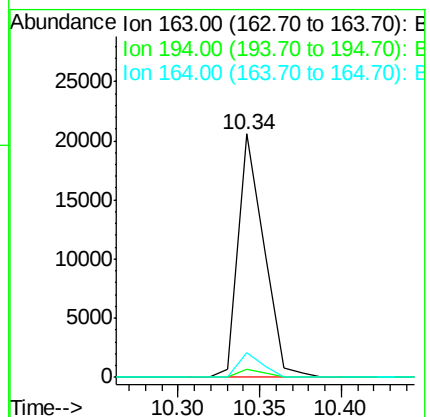
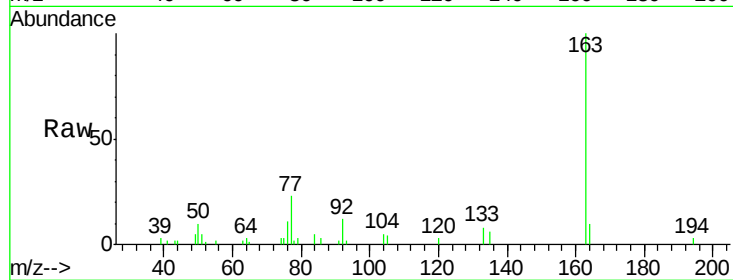
Tgt Ion:163 Resp: 22323

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

164 10.3 8.2 12.4



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.48 min Scan# 988

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

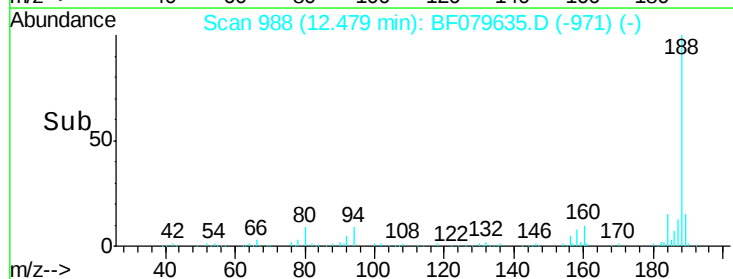
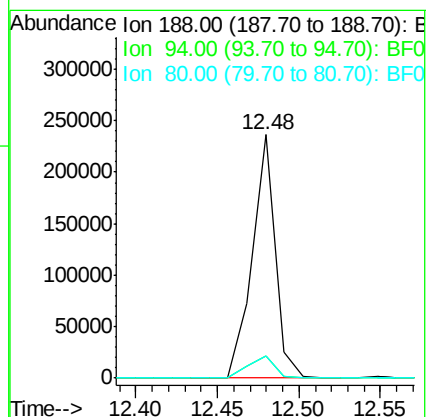
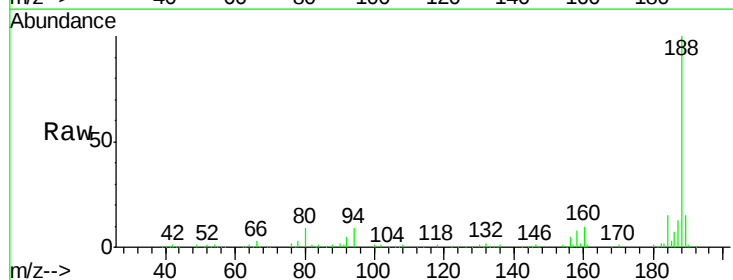
Tgt Ion:188 Resp: 231814

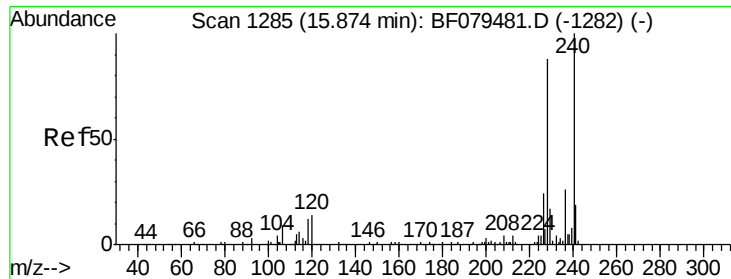
Ion Ratio Lower Upper

188 100

94 8.9 9.8 14.6#

80 8.9 10.5 15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.75 min Scan# 1274

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

Instrument :

BNA_F

ClientSampleId :

HB-9B-DEL2(0-4.5)

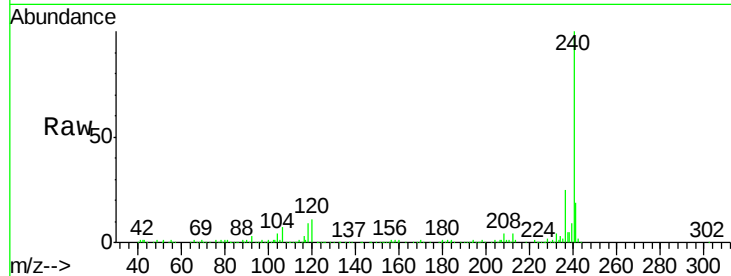
Tgt Ion:240 Resp: 245314

Ion Ratio Lower Upper

240 100

120 11.3 10.8 16.2

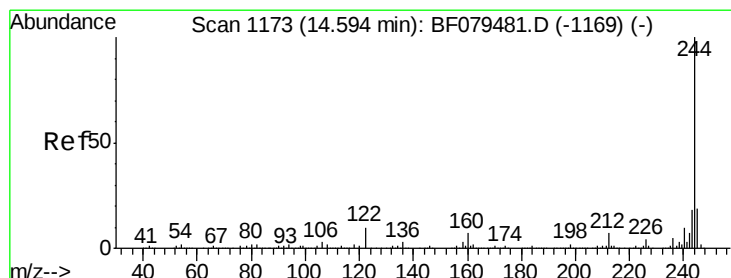
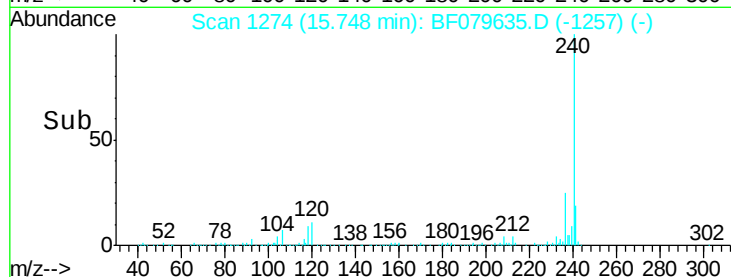
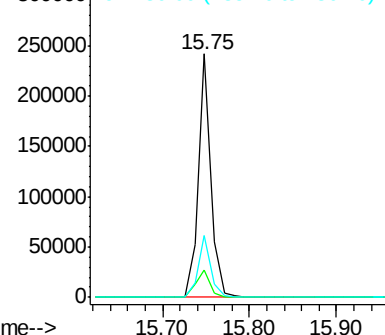
236 25.3 21.0 31.6



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: 28.80 ng

RT: 14.47 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BF079635.D

Acq: 31 May 2015 16:15

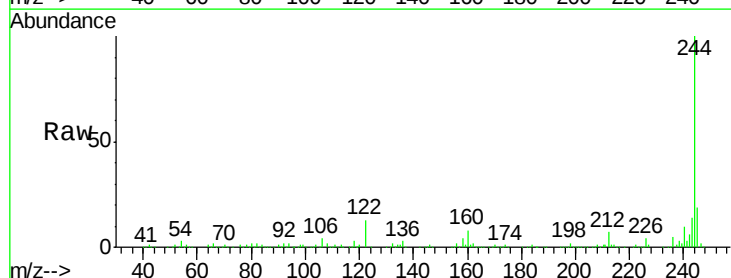
Tgt Ion:244 Resp: 301027

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

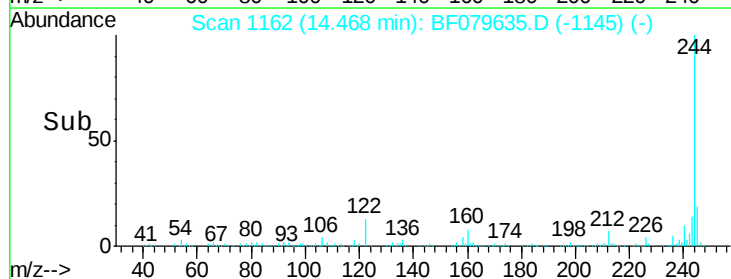
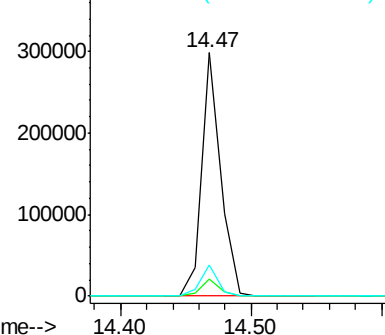
122 13.0 8.0 12.0#

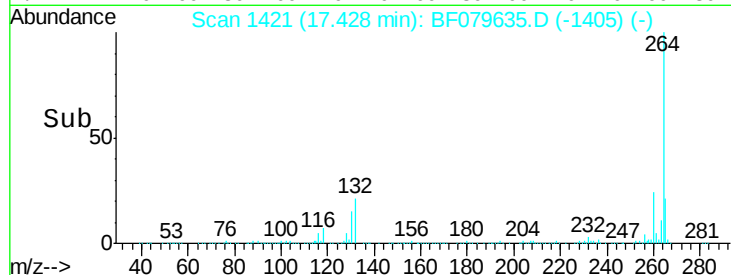
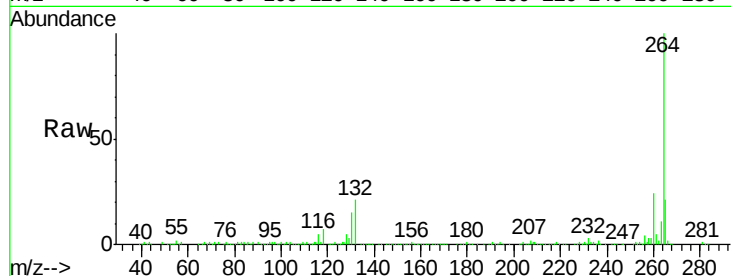
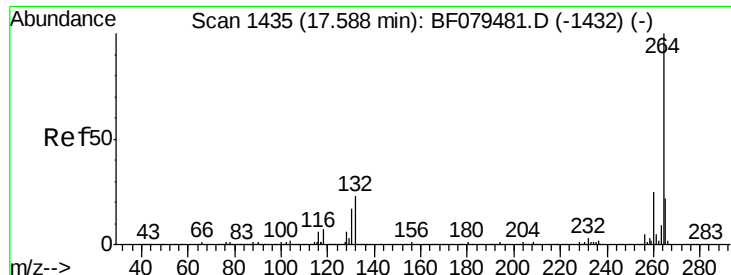


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.43 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF079635.D
Acq: 31 May 2015 16:15

Instrument :
BNA_F
ClientSampleId :
HB-9B-DEL2(0-4.5)

Tgt Ion:	264	Resp:	256951
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.3	17.8	26.6

