

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052615\
 Data File : BF079500.D
 Acq On : 27 May 2015 3:49
 Operator : TP/IZ
 Sample : G2371-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-021

Quant Time: May 27 05:04:45 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

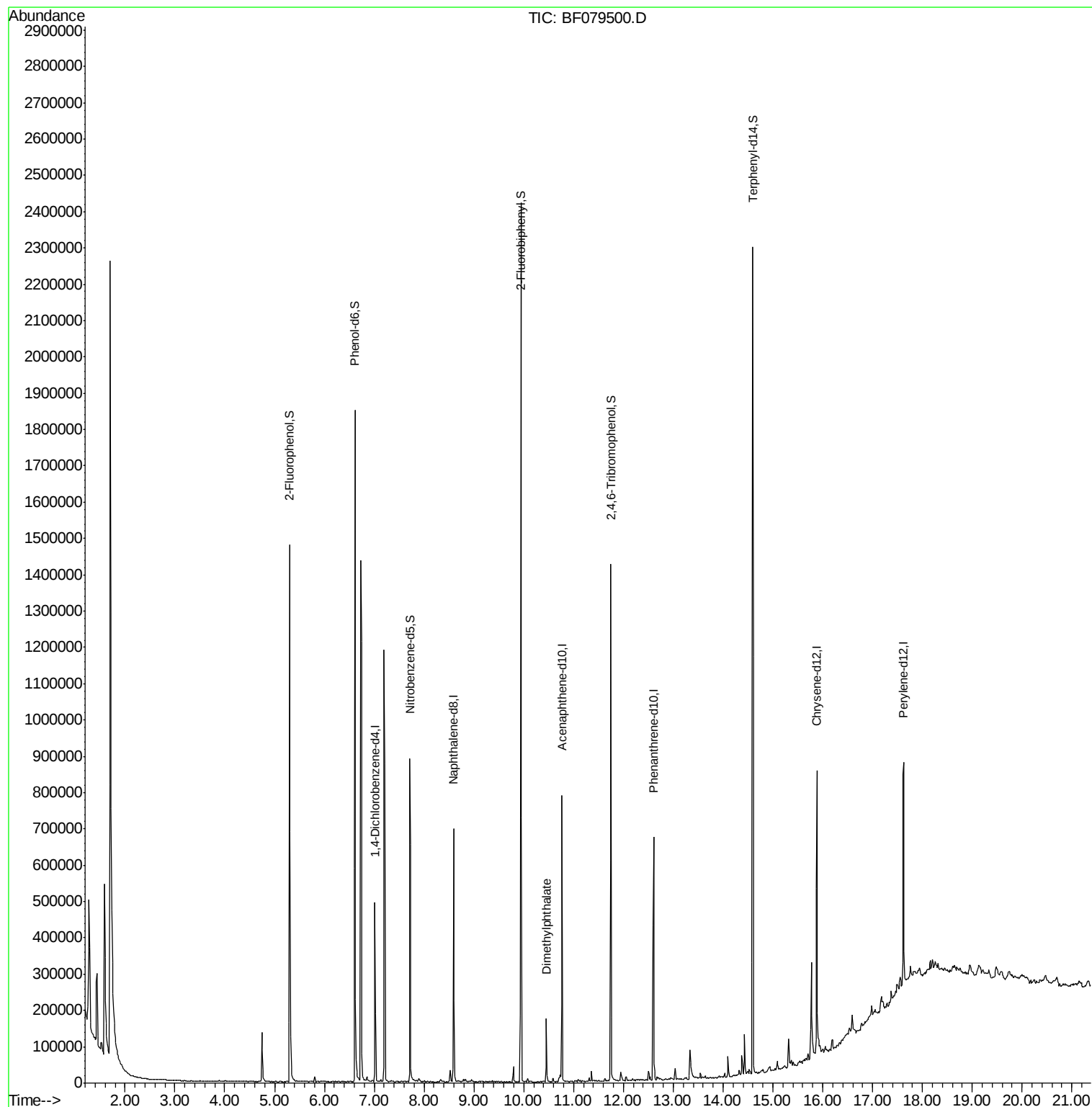
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	82197	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	330853	20.00	ng	0.00
38) Acenaphthene-d10	10.77	164	166797	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	316705	20.00	ng	0.01
75) Chrysene-d12	15.89	240	333586	20.00	ng	0.01
86) Perylene-d12	17.62	264	355373	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	479294	101.14	ng	0.00
7) Phenol-d6	6.62	99	703400	116.45	ng	0.00
23) Nitrobenzene-d5	7.71	82	383176	66.95	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	206430	112.68	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	783220	66.99	ng	0.00
78) Terphenyl-d14	14.59	244	900146	63.33	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	74545	6.07	ng	Qvalue 100
73) Di-n-butylphthalate	13.36	149	5086	Below Cal	#	91
89) Benzo(a)pyrene	17.55	252	18165	Below Cal	#	85
90) Dibenzo(a,h)anthracene	18.97	278	7351	Below Cal	#	56
91) Benzo(g,h,i)perylene	19.34	276	15169	Below Cal	#	93

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

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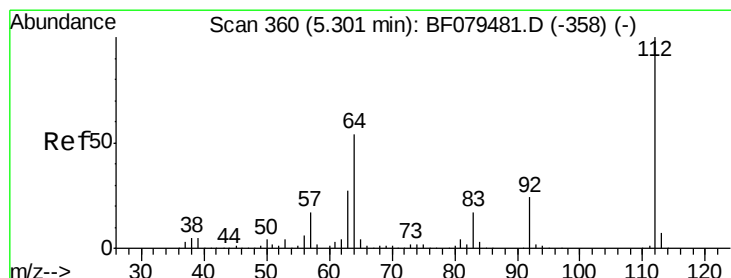
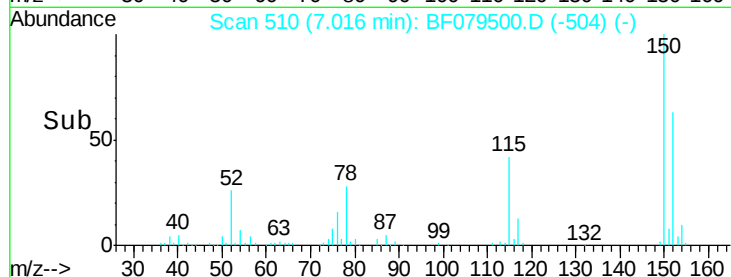
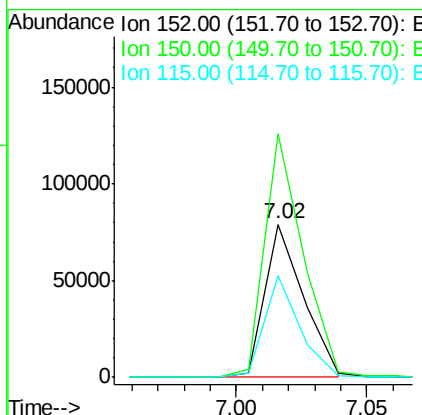
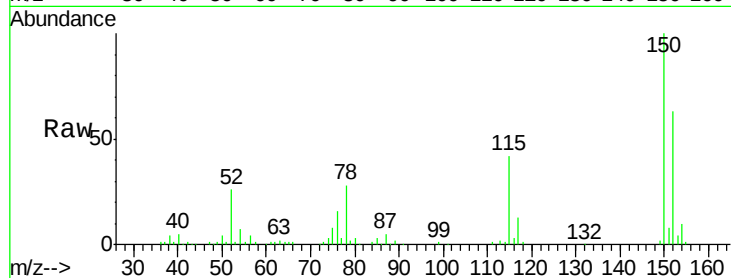




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.02 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF079500.D
 Acq: 27 May 2015 3:49

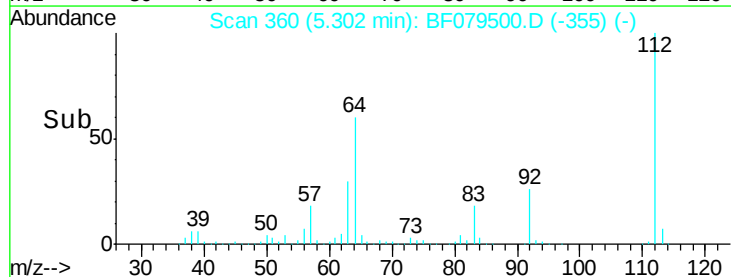
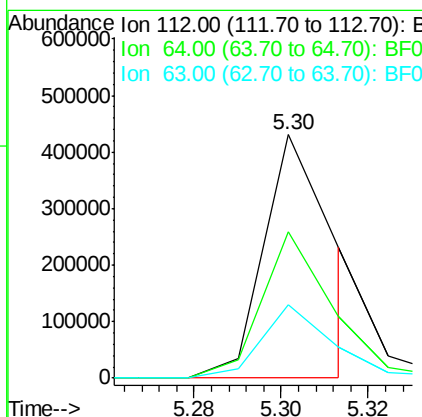
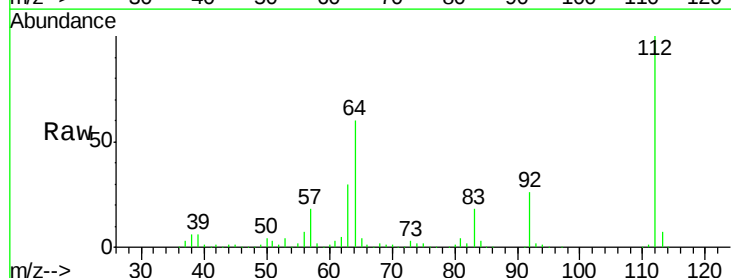
Instrument :
 BNA_F
 ClientSampleId :
 SW-021

Tgt Ion:152 Resp: 82197
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.0 186.0
 115 66.6 49.6 74.4



#5
 2-Fluorophenol
 Concen: 101.14 ng
 RT: 5.30 min Scan# 360
 Delta R.T. 0.00 min
 Lab File: BF079500.D
 Acq: 27 May 2015 3:49

Tgt Ion:112 Resp: 479294
 Ion Ratio Lower Upper
 112 100
 64 60.0 43.5 65.3
 63 30.1 21.8 32.8





#7

Phenol-d6

Concen: 116.45 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

Instrument :

BNA_F

ClientSampleId :

SW-021

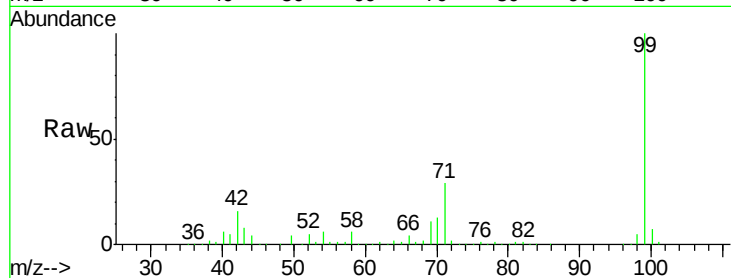
Tgt Ion: 99 Resp: 703400

Ion Ratio Lower Upper

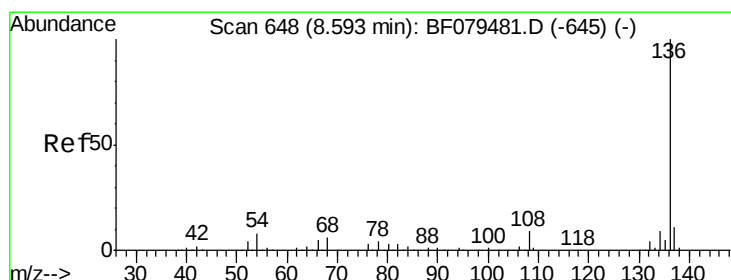
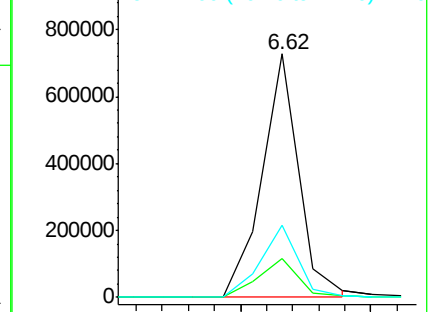
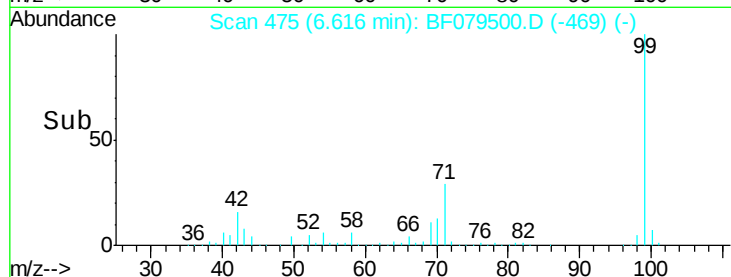
99 100

42 15.8 11.9 17.9

71 29.4 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079500.D (-469) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

Tgt Ion: 136 Resp: 330853

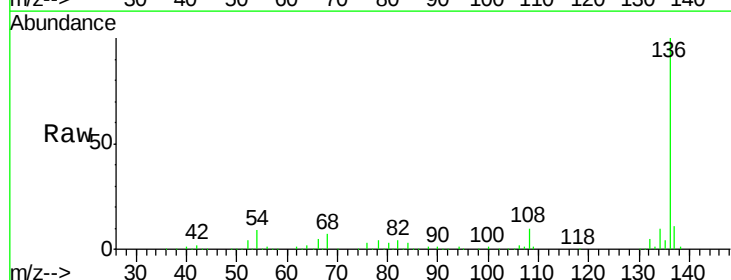
Ion Ratio Lower Upper

136 100

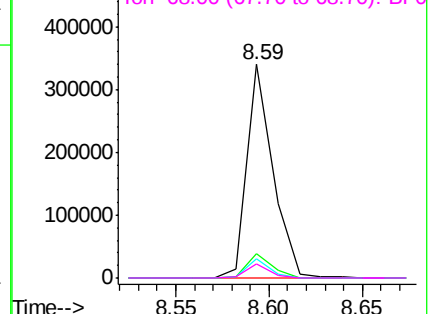
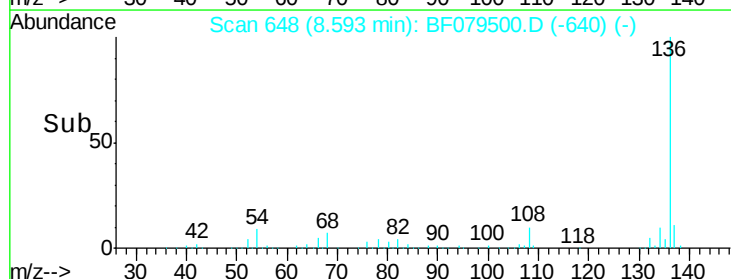
137 11.2 8.5 12.7

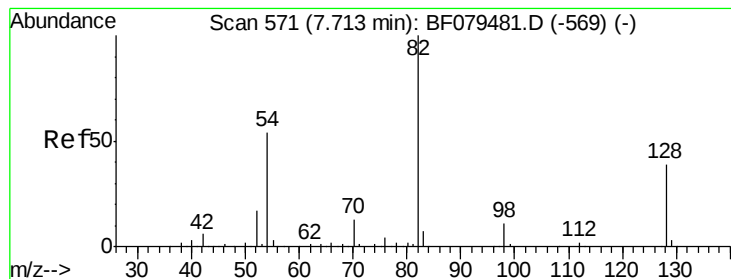
54 8.9 6.6 9.8

68 6.6 4.7 7.1



Abundance Ion 136.00 (135.70 to 136.70): BF079500.D (-640) (-)





#23

Nitrobenzene-d5

Concen: 66.95 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

Instrument :

BNA_F

ClientSampled :

SW-021

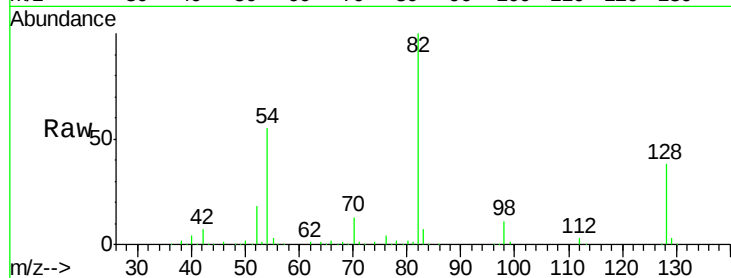
Tgt Ion: 82 Resp: 383176

Ion Ratio Lower Upper

82 100

128 38.4 30.8 46.2

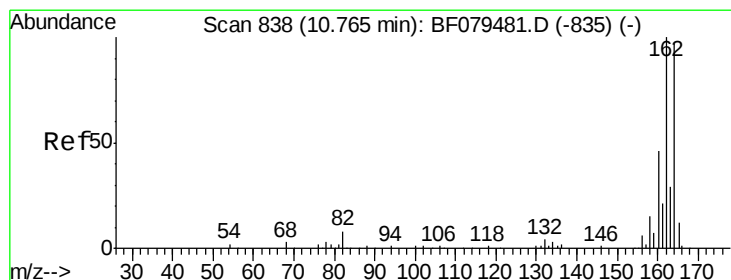
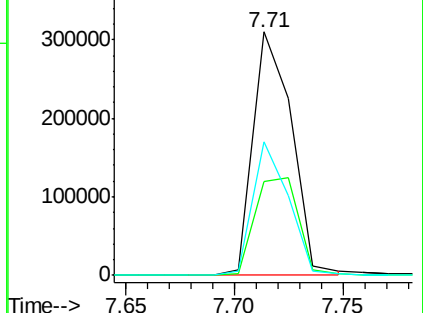
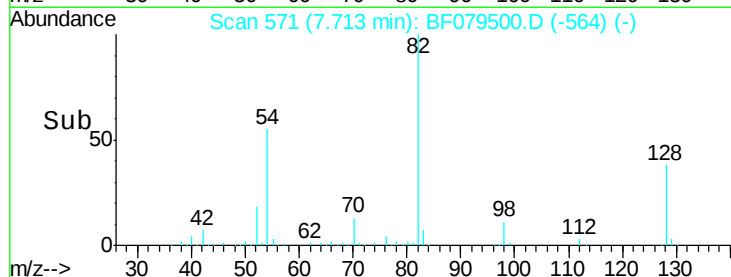
54 54.7 42.8 64.2



Abundance Ion 82.00 (81.70 to 82.70): BF079481.D (-569) (-)

Ion 128.00 (127.70 to 128.70): BF079481.D (-569) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-569) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.77 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

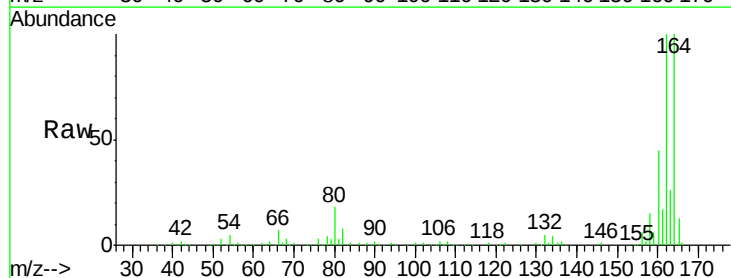
Tgt Ion: 164 Resp: 166797

Ion Ratio Lower Upper

164 100

162 100.5 82.6 124.0

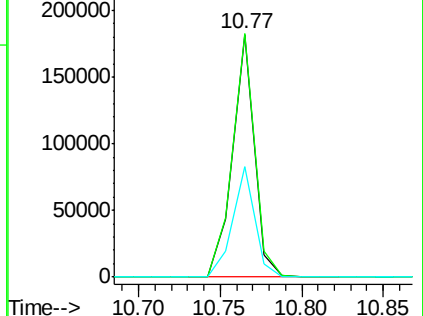
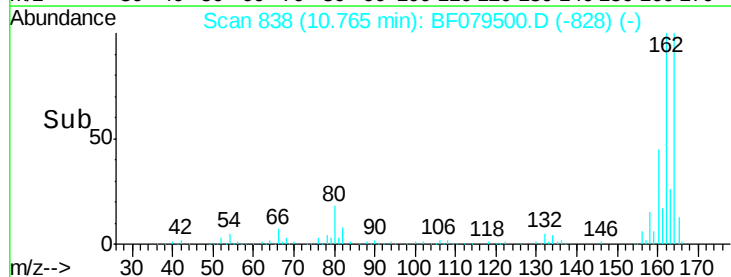
160 45.3 37.7 56.5



Abundance Ion 164.00 (163.70 to 164.70): BF079481.D (-835) (-)

Ion 162.00 (161.70 to 162.70): BF079481.D (-835) (-)

Ion 160.00 (159.70 to 160.70): BF079481.D (-835) (-)

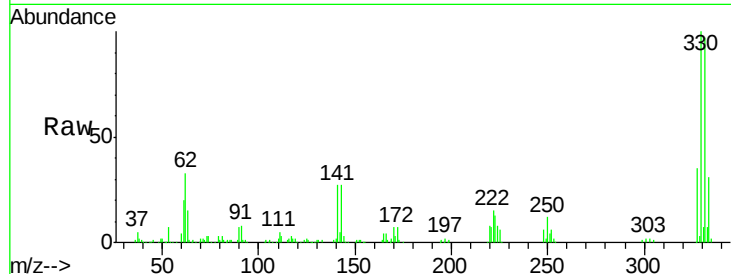




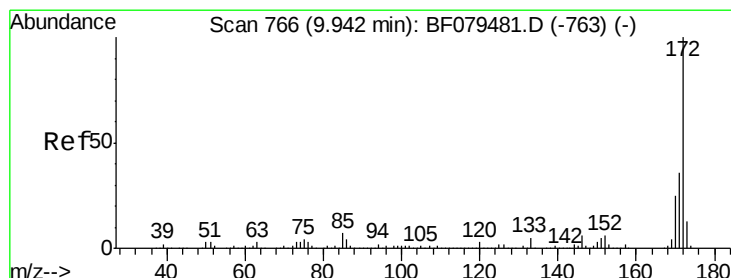
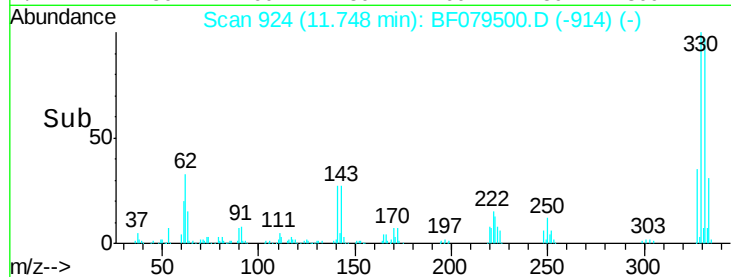
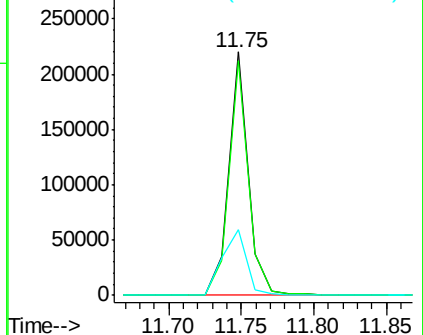
#41
 2,4,6-Tribromophenol
 Concen: 112.68 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079500.D
 Acq: 27 May 2015 3:49

Instrument :
 BNA_F
 ClientSampleId :
 SW-021

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	33.7	0.0	0.0#

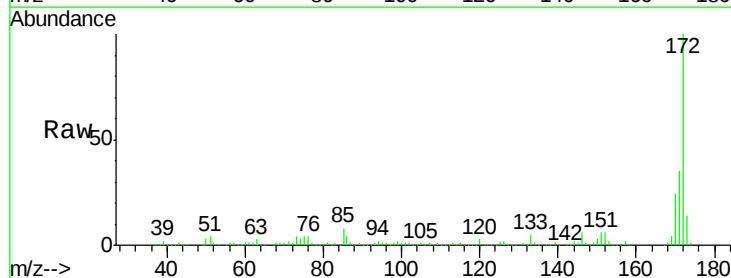


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

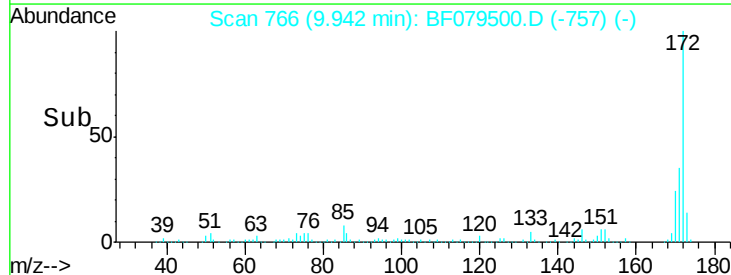
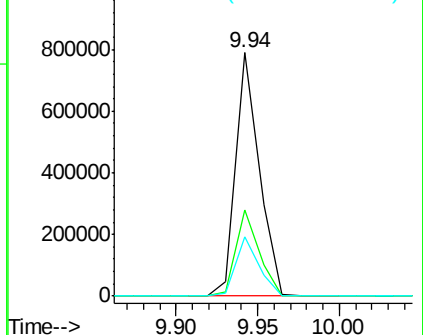


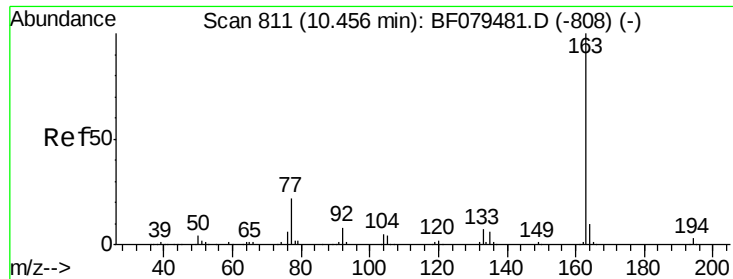
#44
 2-Fluorobiphenyl
 Concen: 66.99 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079500.D
 Acq: 27 May 2015 3:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.3	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

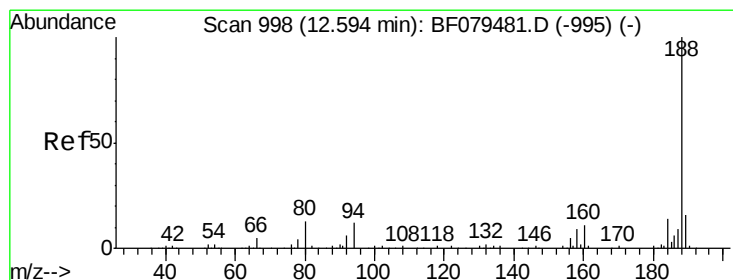
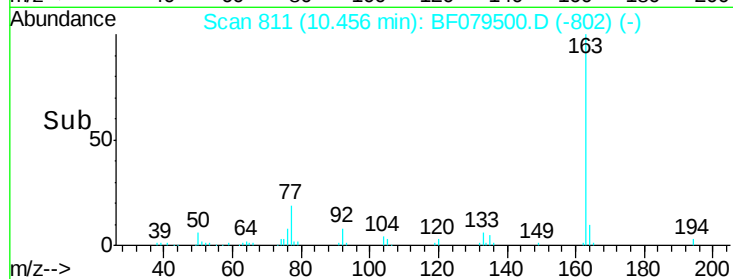
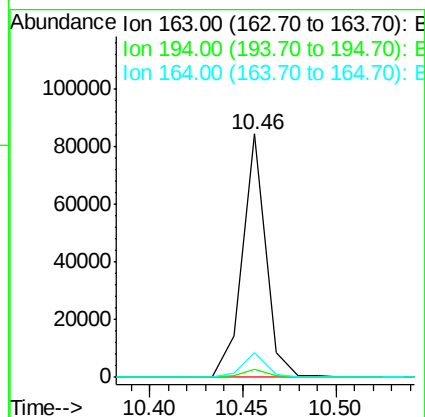
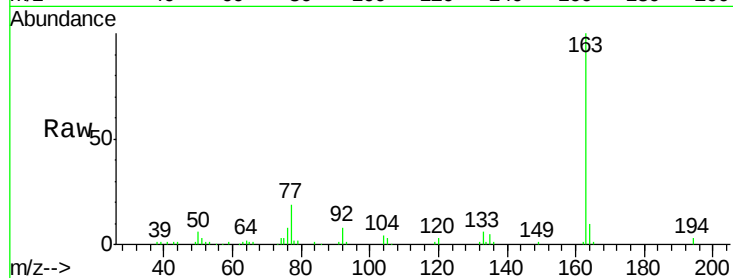




#49
Dimethylphthalate
Concen: 6.07 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079500.D
Acq: 27 May 2015 3:49

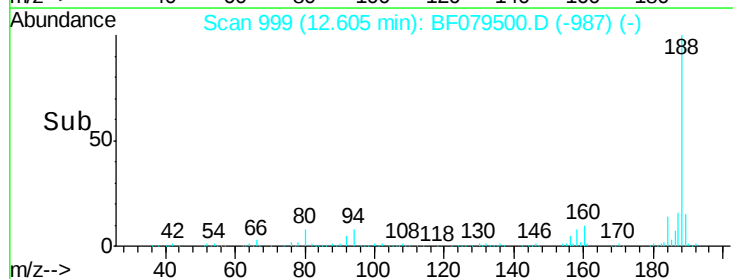
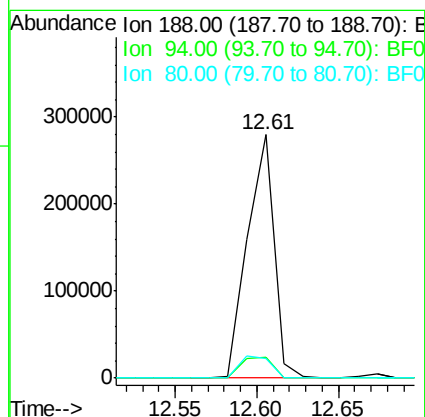
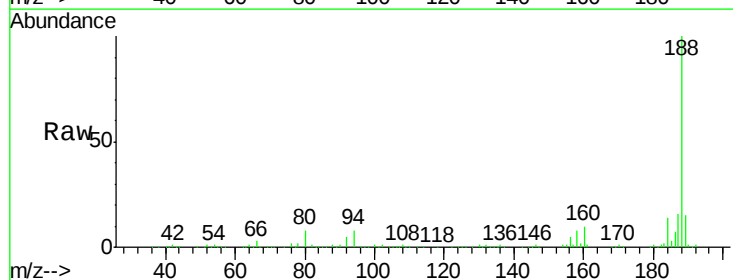
Instrument :
BNA_F
ClientSampled :
SW-021

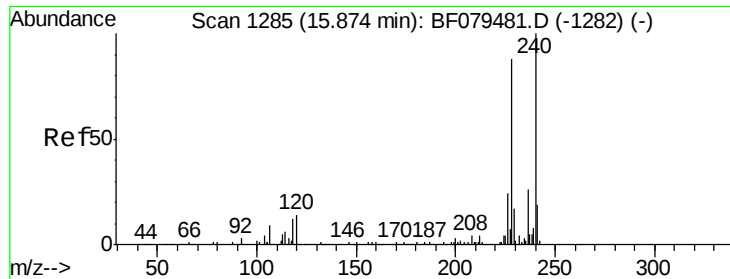
Tgt Ion:163 Resp: 74545
Ion Ratio Lower Upper
163 100
194 3.1 2.4 3.6
164 10.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079500.D
Acq: 27 May 2015 3:49

Tgt Ion:188 Resp: 316705
Ion Ratio Lower Upper
188 100
94 8.5 9.8 14.6#
80 7.9 10.5 15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

Instrument :

BNA_F

ClientSampleId :

SW-021

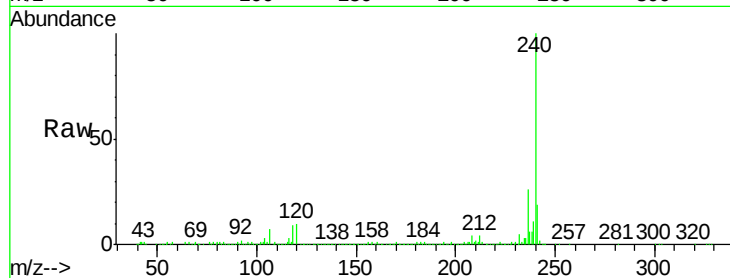
Tgt Ion:240 Resp: 333586

Ion Ratio Lower Upper

240 100

120 10.3 10.8 16.2#

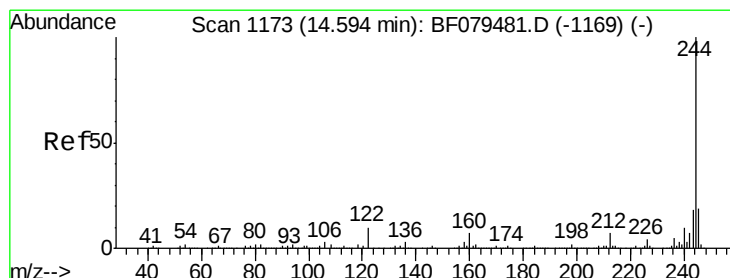
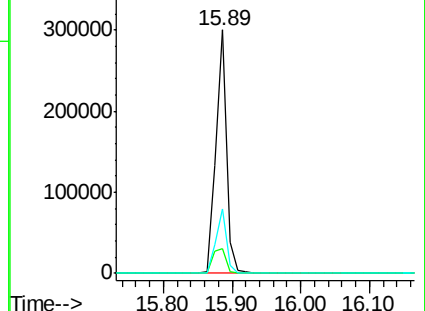
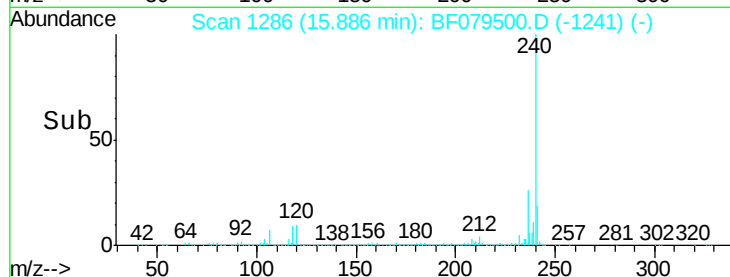
236 26.3 21.0 31.6



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: 63.33 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079500.D

Acq: 27 May 2015 3:49

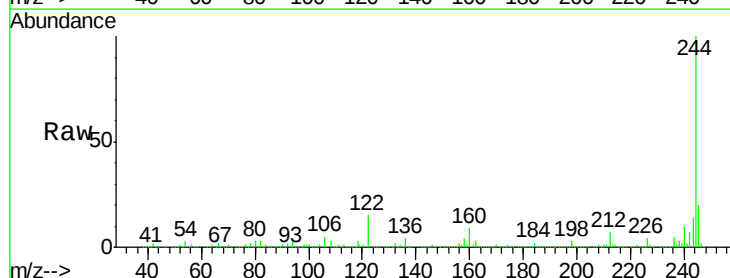
Tgt Ion:244 Resp: 900146

Ion Ratio Lower Upper

244 100

212 7.2 5.2 7.8

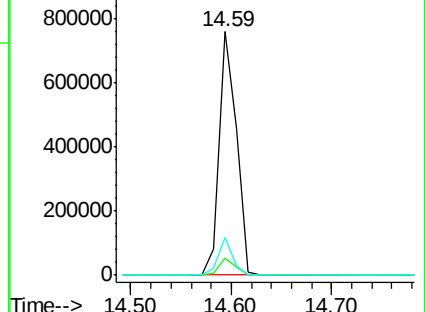
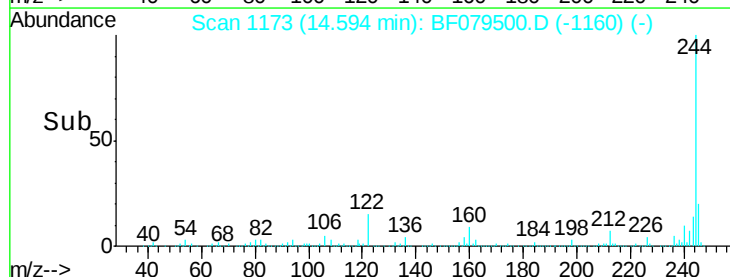
122 15.3 8.0 12.0#

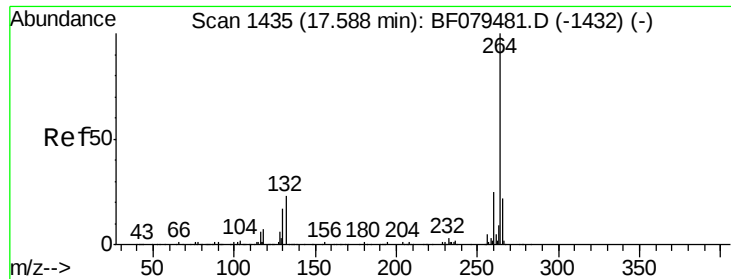


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.62 min Scan# 1438
Delta R.T. 0.03 min
Lab File: BF079500.D
Acq: 27 May 2015 3:49

Instrument :
BNA_F
ClientSampleId :
SW-021

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.5	17.8	26.6

