

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079514.D
 Acq On : 27 May 2015 10:28
 Operator : TP/IZ
 Sample : G2383-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1(13-14)

Quant Time: May 27 12:21:45 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

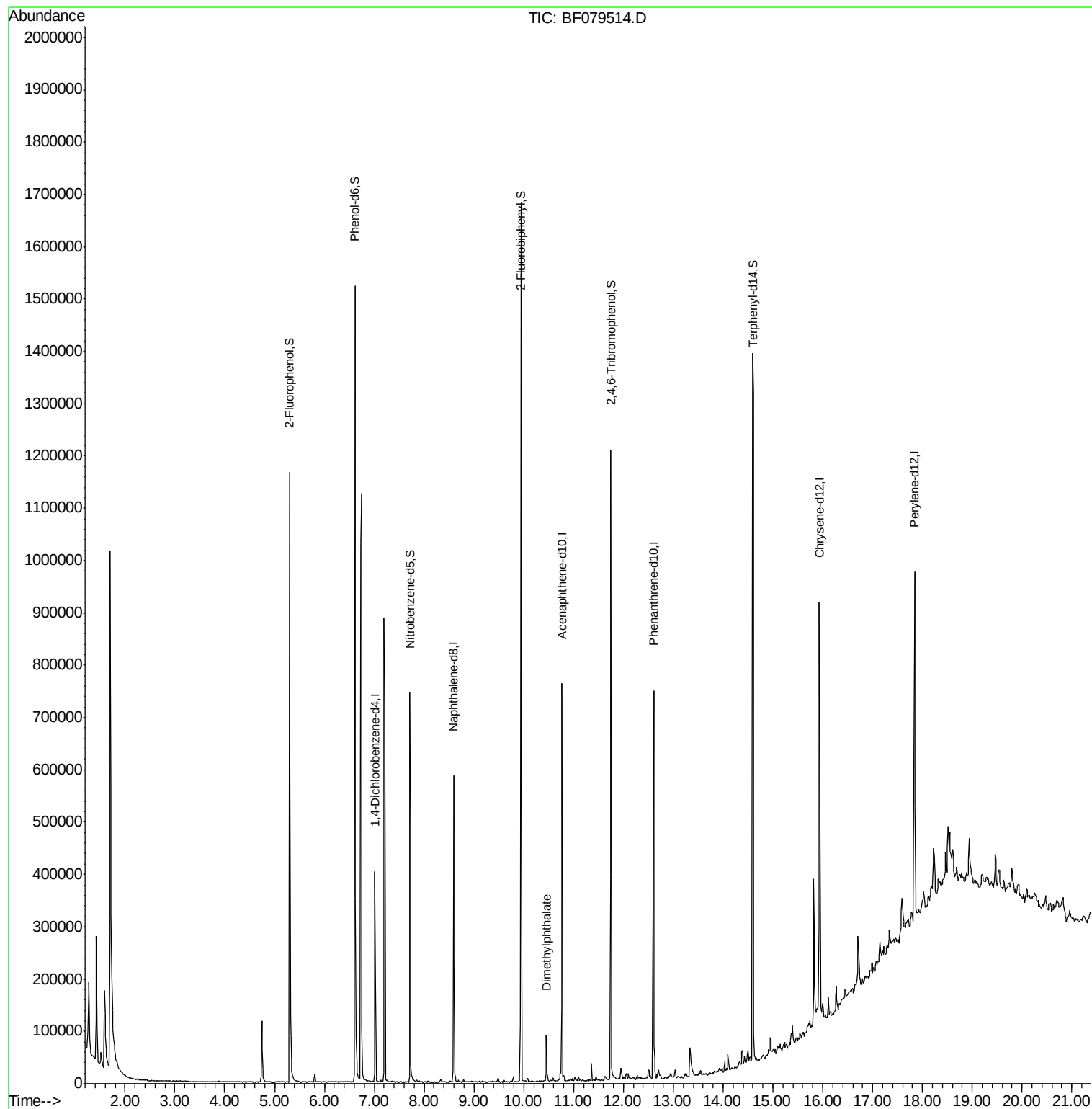
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	71701	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	296875	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	154722	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	311378	20.00	ng	0.01
75) Chrysene-d12	15.93	240	343661	20.00	ng	0.06
86) Perylene-d12	17.84	264	341511	20.00	ng	0.25
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	384248	92.95	ng	0.00
7) Phenol-d6	6.62	99	554205	105.18	ng	0.00
23) Nitrobenzene-d5	7.71	82	309331	60.23	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	166274	97.84	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	564581	52.06	ng	0.00
78) Terphenyl-d14	14.61	244	674431	46.06	ng	0.01
Target Compounds						
49) Dimethylphthalate	10.46	163	35347	3.10	ng	Qvalue 100
73) Di-n-butylphthalate	13.36	149	3845	Below Cal	#	85
89) Benzo(a)pyrene	17.77	252	5507	Below Cal	#	38
90) Dibenzo(a,h)anthracene	19.27	278	5880	Below Cal	#	1
91) Benzo(g,h,i)perylene	19.65	276	6167	Below Cal	#	62

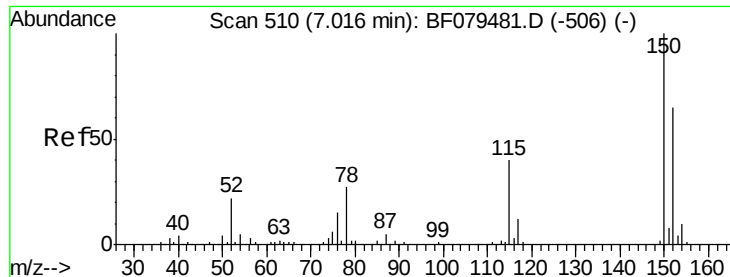
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079514.D
Acq On : 27 May 2015 10:28
Operator : TP/IZ
Sample : G2383-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HF-1(13-14)

Quant Time: May 27 12:21:45 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

Instrument :

BNA_F

ClientSampleId :

HF-1(13-14)

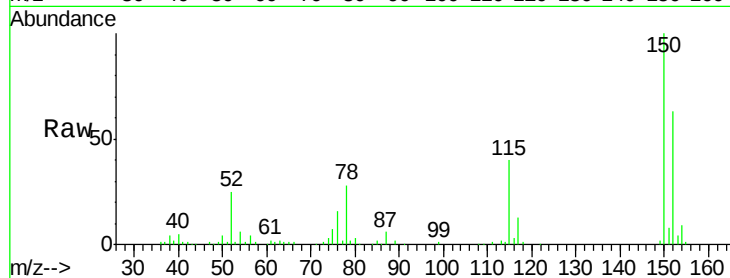
Tot Ion:152 Resp: 71701

Ion Ratio Lower Upper

152 100

150 159.0 124.0 186.0

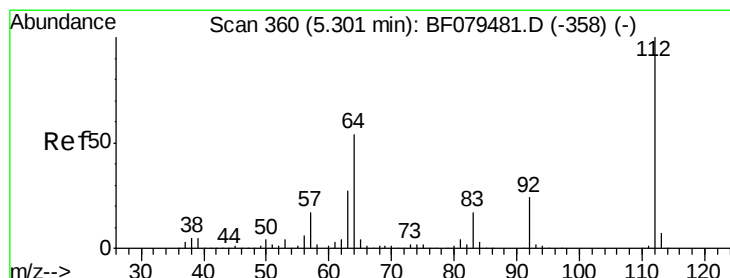
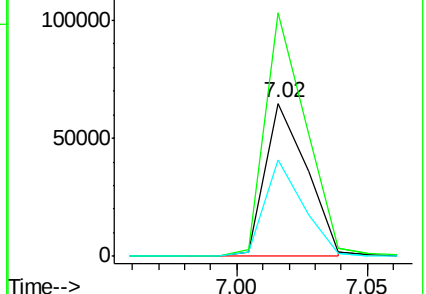
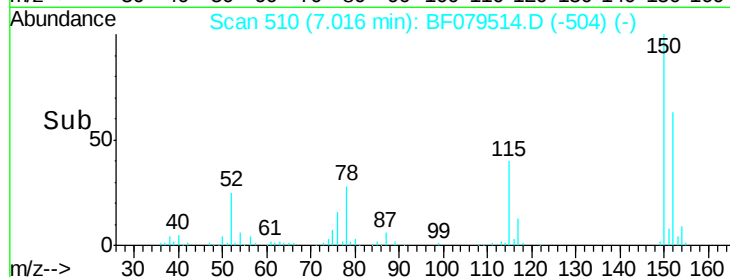
115 63.2 49.6 74.4



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: 92.95 ng

RT: 5.30 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

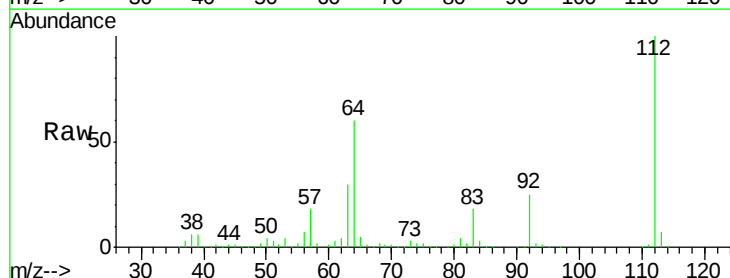
Tgt Ion:112 Resp: 384248

Ion Ratio Lower Upper

112 100

64 59.6 43.5 65.3

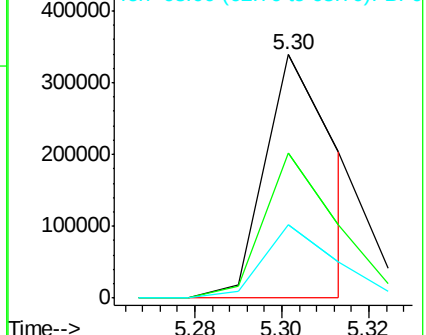
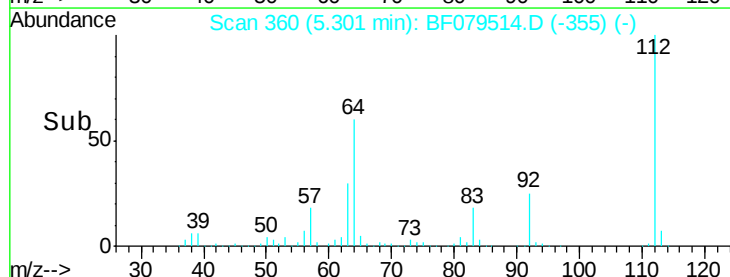
63 30.2 21.8 32.8



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: 105.18 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

Instrument :

BNA_F

ClientSampleId :

HF-1(13-14)

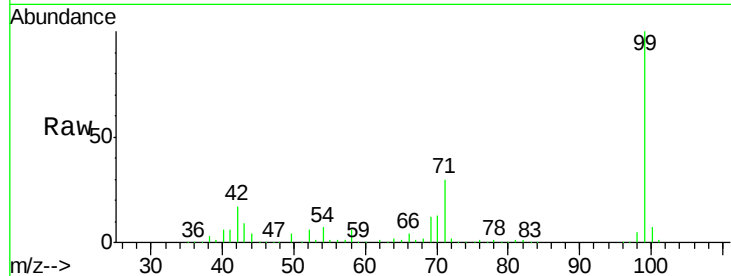
Tot Ion: 99 Resp: 554205

Ion Ratio Lower Upper

99 100

42 16.8 11.9 17.9

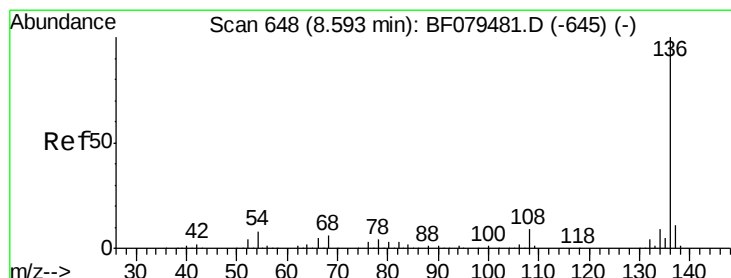
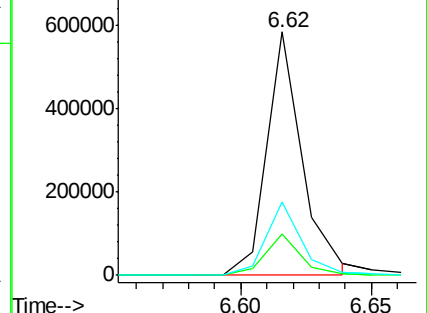
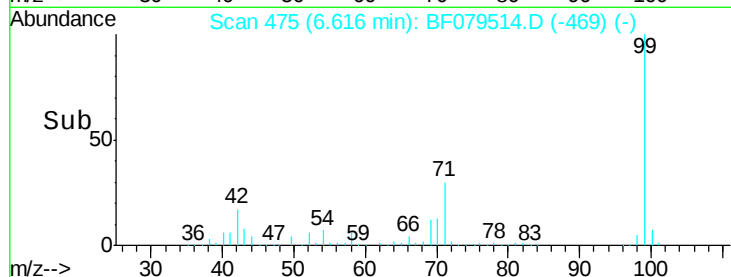
71 30.4 22.1 33.1



Abundance Ion 99.00 (98.70 to 99.70): BF079481.D (-473) (-)

Ion 42.00 (41.70 to 42.70): BF079481.D (-473) (-)

Ion 71.00 (70.70 to 71.70): BF079481.D (-473) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

Tgt Ion: 136 Resp: 296875

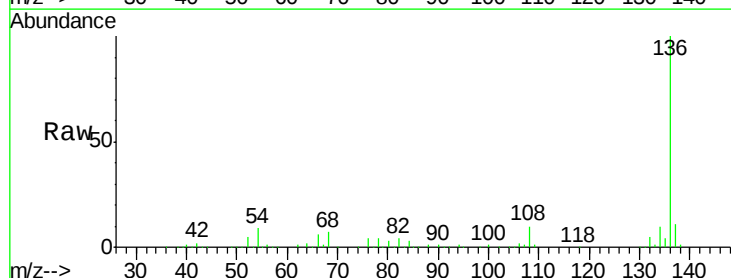
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 9.2 6.6 9.8

68 7.1 4.7 7.1

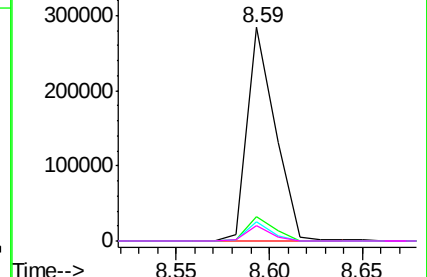
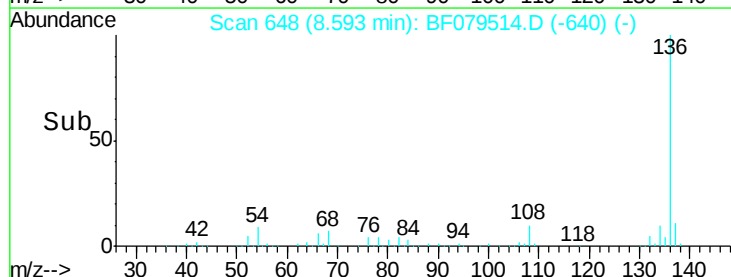


Abundance Ion 136.00 (135.70 to 136.70): BF079481.D (-645) (-)

Ion 137.00 (136.70 to 137.70): BF079481.D (-645) (-)

Ion 54.00 (53.70 to 54.70): BF079481.D (-645) (-)

Ion 68.00 (67.70 to 68.70): BF079481.D (-645) (-)





#23

Nitrobenzene-d5

Concen: 60.23 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

Instrument :

BNA_F

ClientSampleId :

HF-1(13-14)

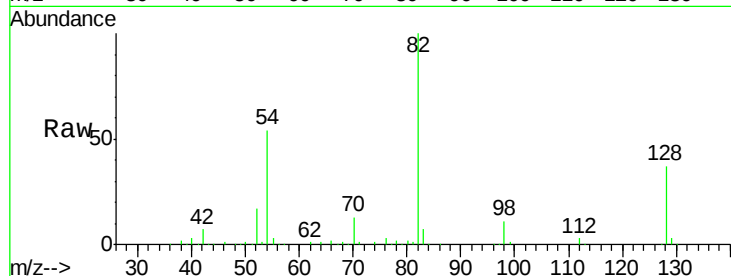
Tot Ion: 82 Resp: 309331

Ion Ratio Lower Upper

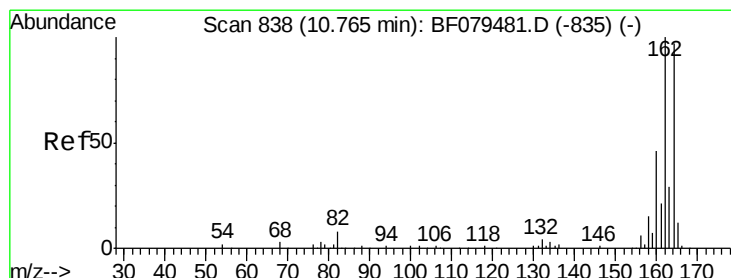
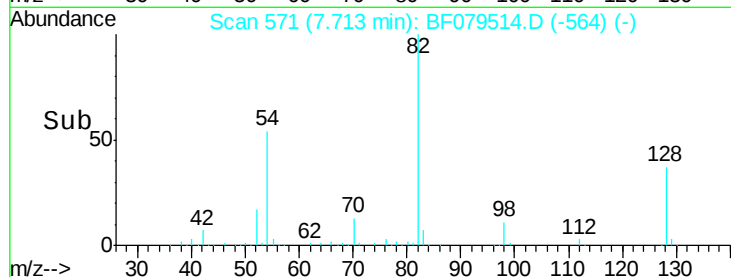
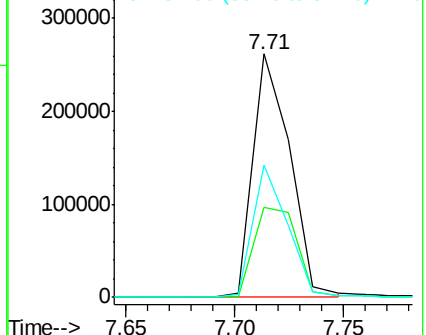
82 100

128 36.9 30.8 46.2

54 54.1 42.8 64.2



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: 10.76 min Scan# 838

Delta R.T. 0.00 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

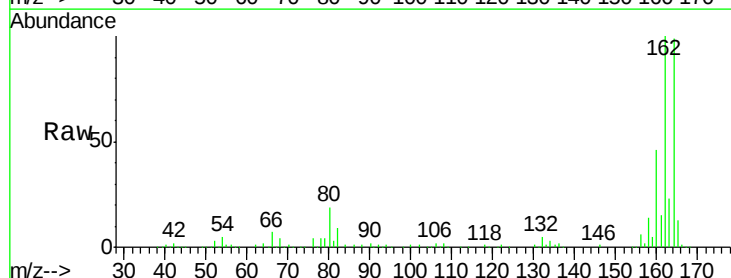
Tgt Ion: 164 Resp: 154722

Ion Ratio Lower Upper

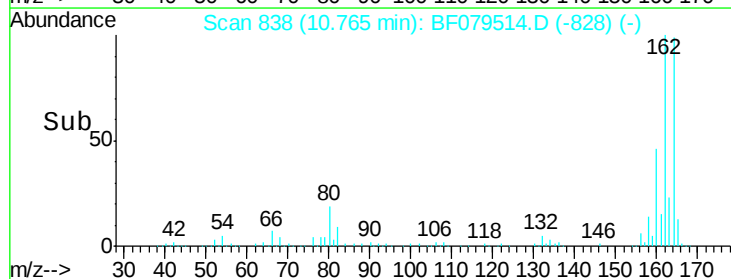
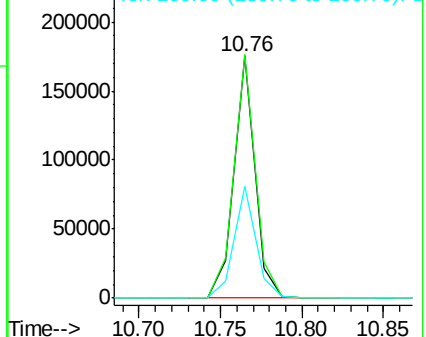
164 100

162 100.7 82.6 124.0

160 46.2 37.7 56.5



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

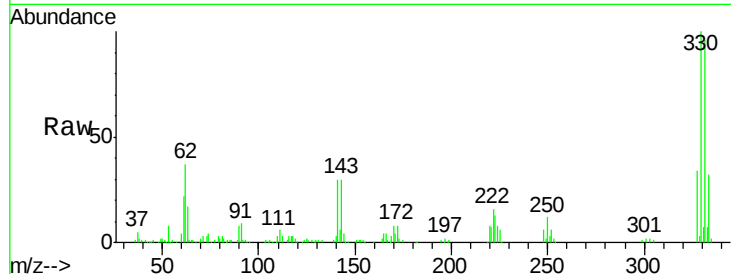




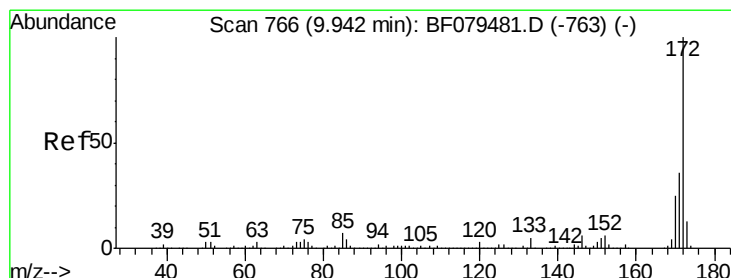
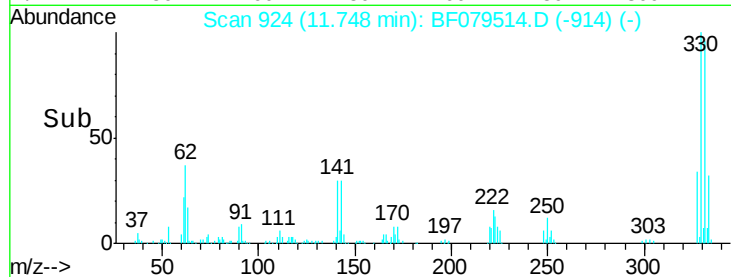
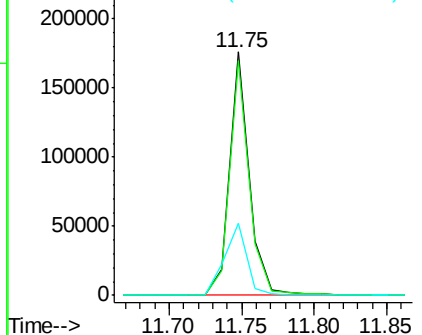
#41
 2,4,6-Tribromophenol
 Concen: 97.84 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079514.D
 Acq: 27 May 2015 10:28

Instrument :
 BNA_F
 ClientSampleId :
 HF-1(13-14)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	34.0	0.0	0.0#

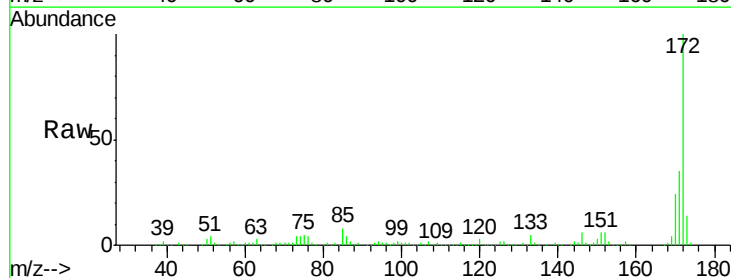


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

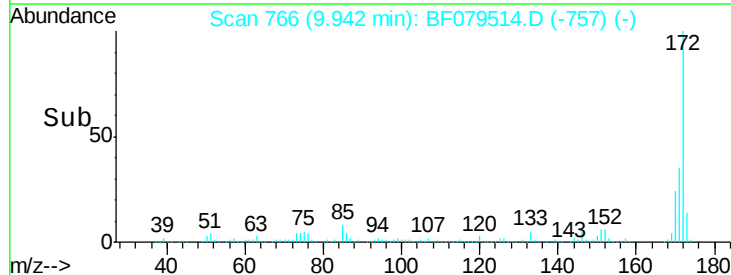
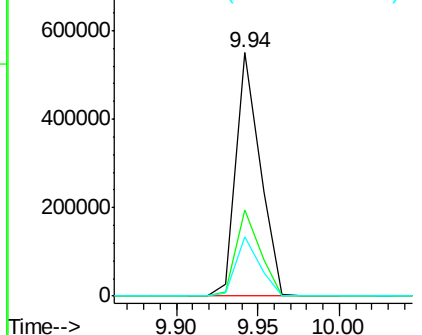


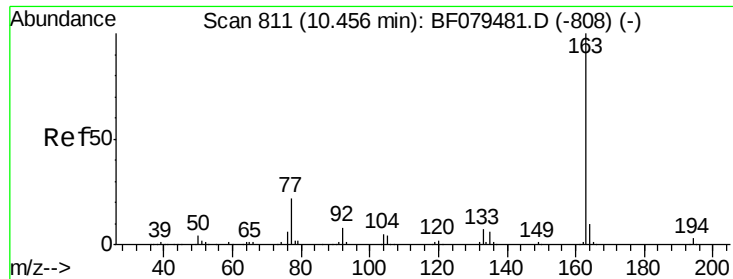
#44
 2-Fluorobiphenyl
 Concen: 52.06 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079514.D
 Acq: 27 May 2015 10:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.4	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

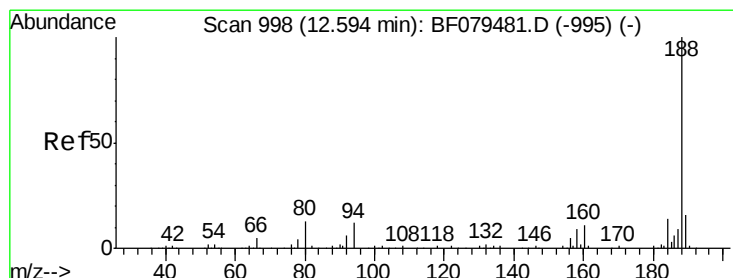
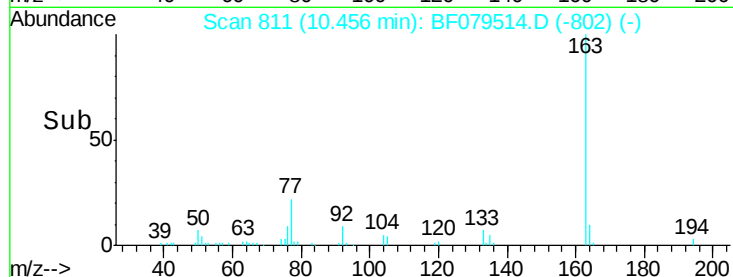
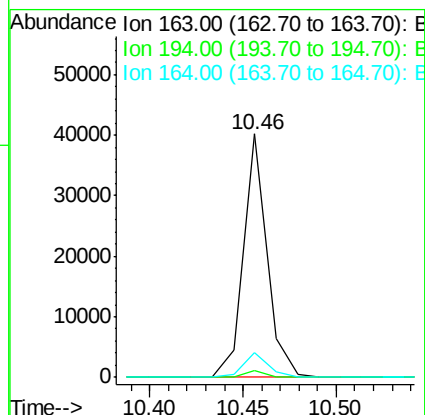
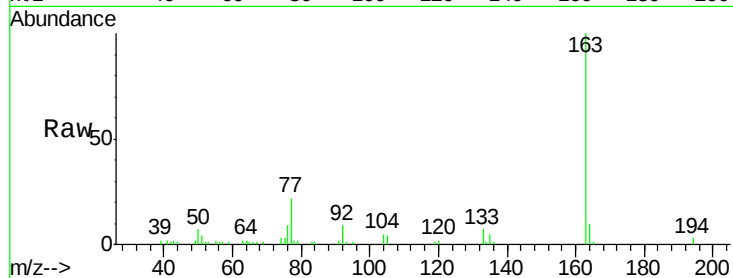




#49
Dimethylphthalate
Concen: 3.10 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079514.D
Acq: 27 May 2015 10:28

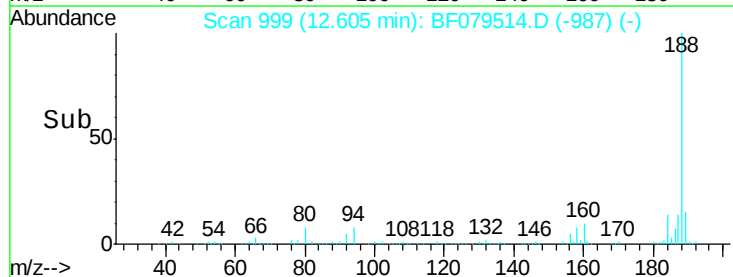
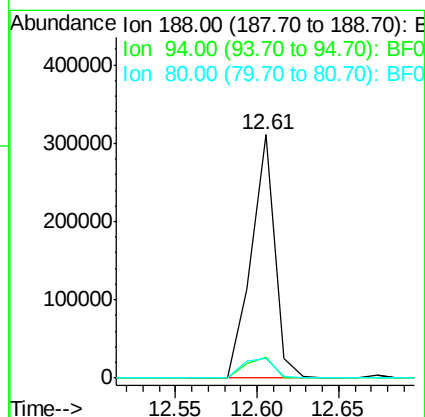
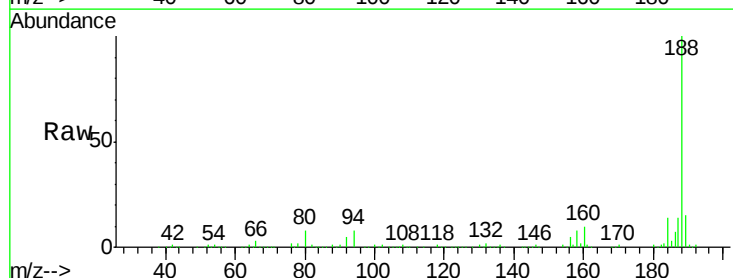
Instrument :
BNA_F
ClientSampleId :
HF-1(13-14)

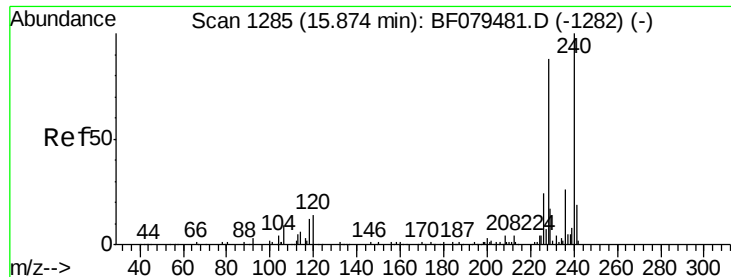
Tot Ion:163 Resp: 35347
Ion Ratio Lower Upper
163 100
194 2.8 2.4 3.6
164 10.4 8.2 12.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079514.D
Acq: 27 May 2015 10:28

Tgt Ion:188 Resp: 311378
Ion Ratio Lower Upper
188 100
94 8.4 9.8 14.6#
80 8.0 10.5 15.7#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.93 min Scan# 1290

Delta R.T. 0.06 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

Instrument :

BNA_F

ClientSampleId :

HF-1(13-14)

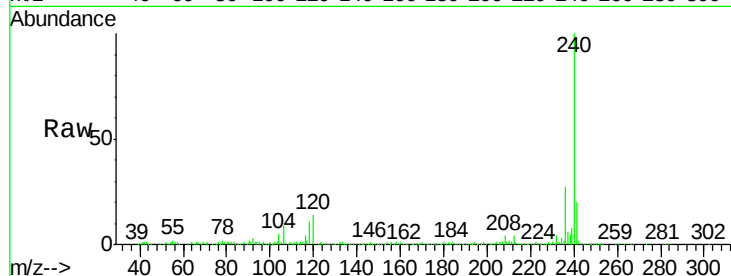
Tot Ion:240 Resp: 343661

Ion Ratio Lower Upper

240 100

120 13.7 10.8 16.2

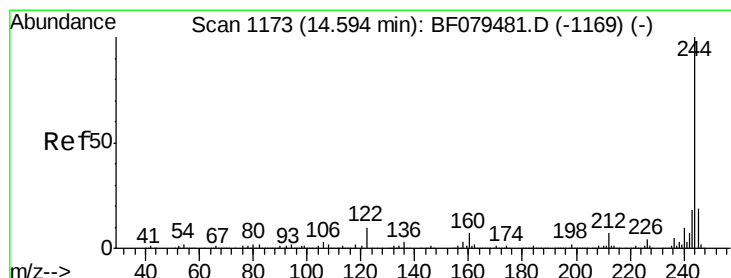
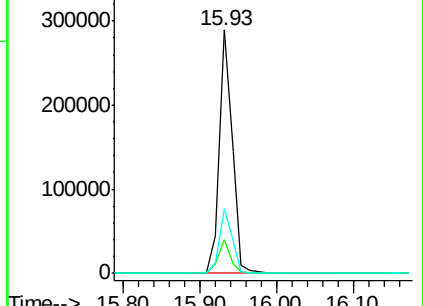
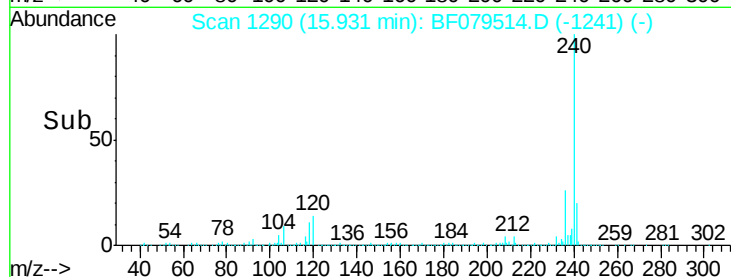
236 26.6 21.0 31.6



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: 46.06 ng

RT: 14.61 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF079514.D

Acq: 27 May 2015 10:28

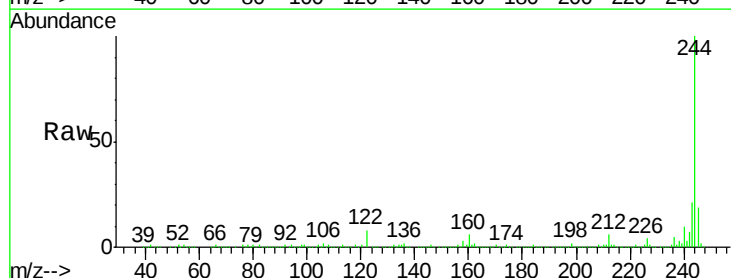
Tgt Ion:244 Resp: 674431

Ion Ratio Lower Upper

244 100

212 6.1 5.2 7.8

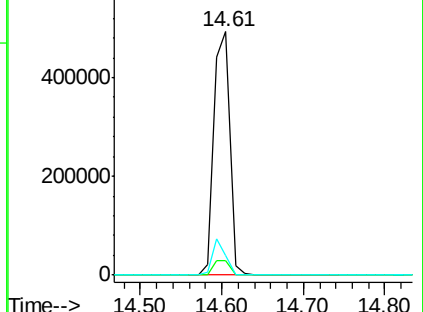
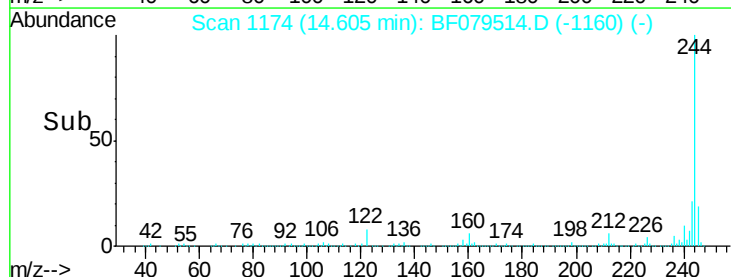
122 7.8 8.0 12.0#

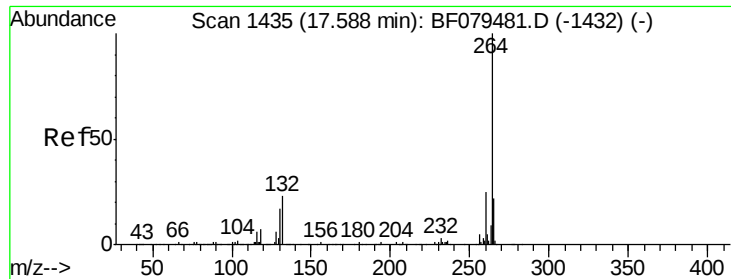


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

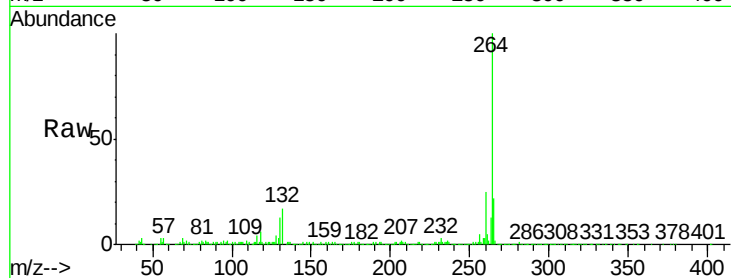




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.84 min Scan# 1457
Delta R.T. 0.25 min
Lab File: BF079514.D
Acq: 27 May 2015 10:28

Instrument :
BNA_F
ClientSampleId :
HF-1(13-14)

Tot Ion	Ion	Ratio	Lower	Upper
341511	264	100		
	260	24.6	19.8	29.8
	265	22.3	17.8	26.6



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

