

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079511.D
 Acq On : 27 May 2015 9:02
 Operator : TP/IZ
 Sample : G2383-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-3(1.5-2)

Quant Time: May 27 12:21:08 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

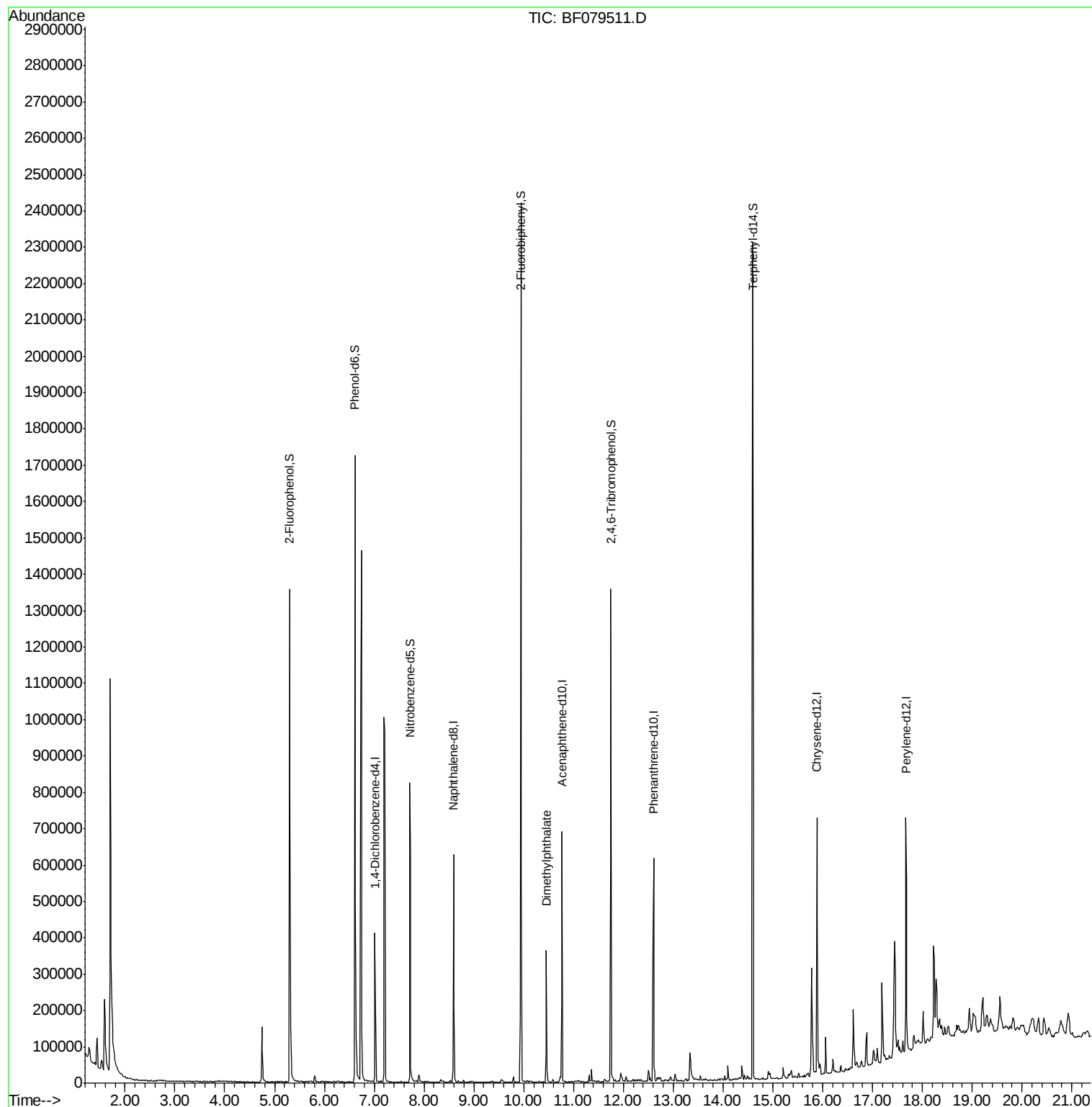
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	72746	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	301946	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	151241	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	296868	20.00	ng	0.01
75) Chrysene-d12	15.89	240	320654	20.00	ng	0.01
86) Perylene-d12	17.67	264	322223	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	458100	109.22	ng	0.00
7) Phenol-d6	6.62	99	643215	120.32	ng	0.00
23) Nitrobenzene-d5	7.71	82	359887	68.90	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	199048	119.82	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	744873	70.26	ng	0.00
78) Terphenyl-d14	14.59	244	862437	63.12	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.46	163	153011	13.73	ng	99
73) Di-n-butylphthalate	13.36	149	4215	Below Cal	#	90
89) Benzo(a)pyrene	17.61	252	12996	Below Cal	#	91
90) Dibenzo(a,h)anthracene	19.04	278	12191	Below Cal	#	68
91) Benzo(g,h,i)perylene	19.41	276	14756	Below Cal	#	86

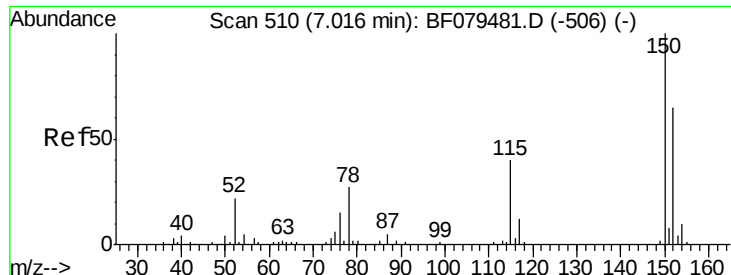
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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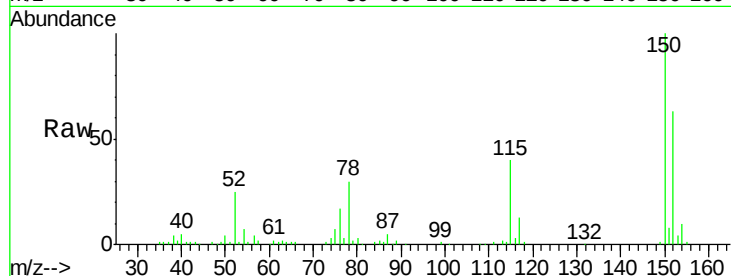


#1

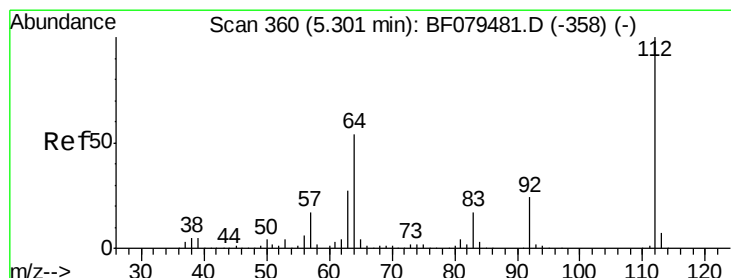
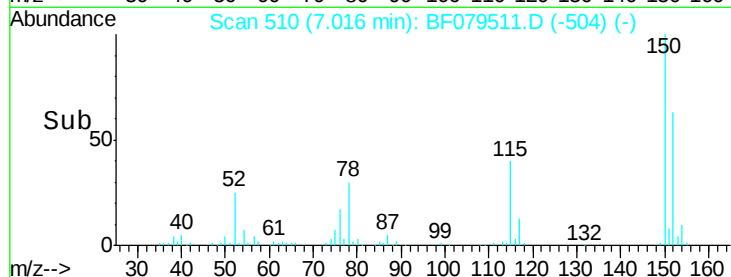
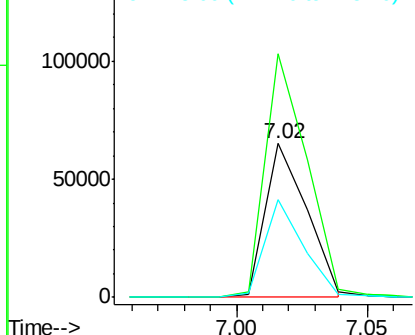
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079511.D
Acq: 27 May 2015 9:02

Instrument :
BNA_F
ClientSampleId :
HF-3(1.5-2)

Tot Ion:152 Resp: 72746
Ion Ratio Lower Upper
152 100
150 158.5 124.0 186.0
115 63.7 49.6 74.4



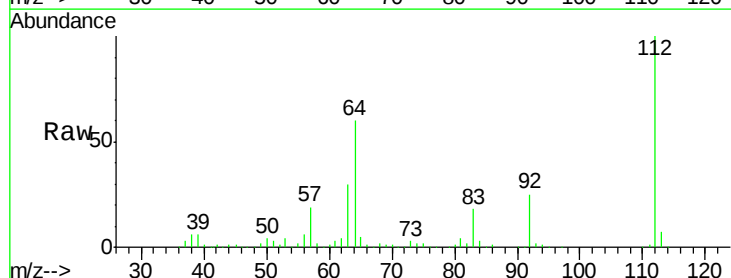
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



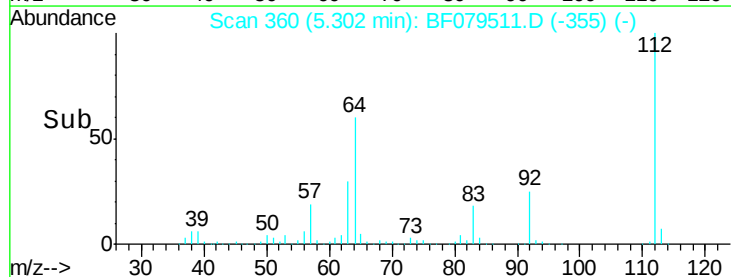
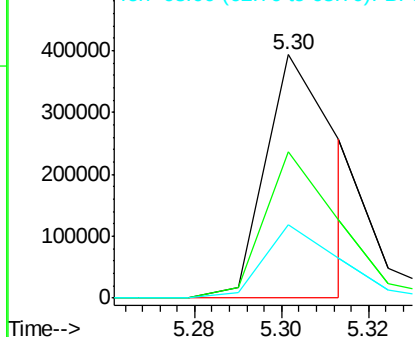
#5

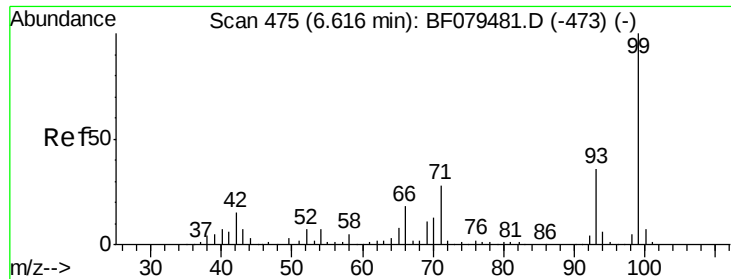
2-Fluorophenol
Concen: 109.22 ng
RT: 5.30 min Scan# 360
Delta R.T. 0.00 min
Lab File: BF079511.D
Acq: 27 May 2015 9:02

Tgt Ion:112 Resp: 458100
Ion Ratio Lower Upper
112 100
64 60.0 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: 120.32 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

Instrument :

BNA_F

ClientSampled :

HF-3(1.5-2)

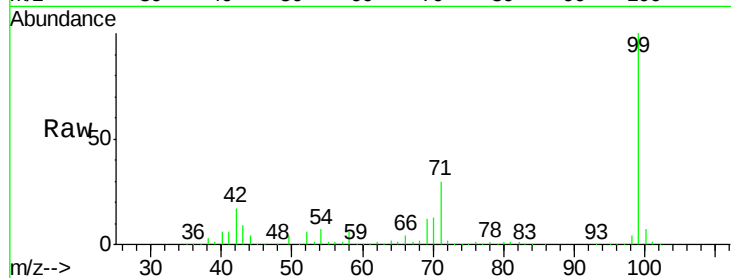
Tot Ion: 99 Resp: 643215

Ion Ratio Lower Upper

99 100

42 17.1 11.9 17.9

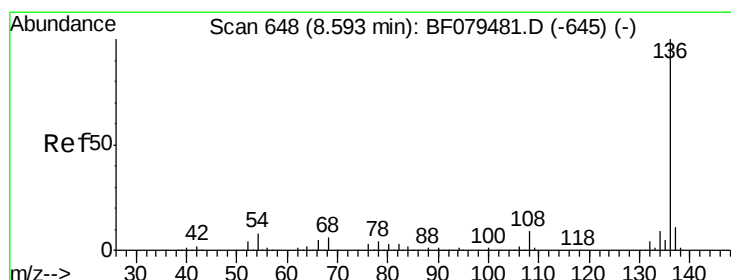
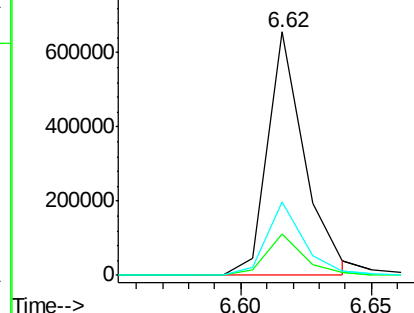
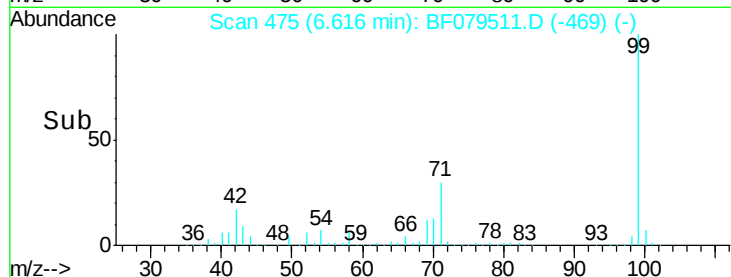
71 30.4 22.1 33.1



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: 8.59 min Scan# 648

Delta R.T. 0.00 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

Tgt Ion: 136 Resp: 301946

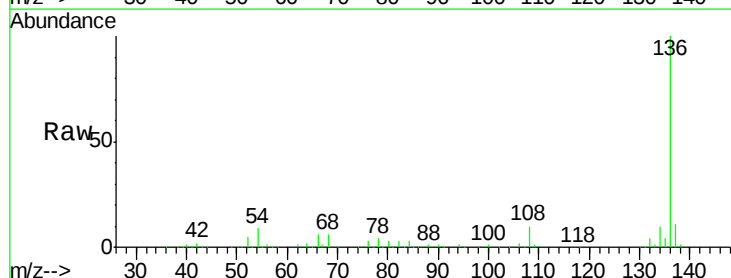
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.9 6.6 9.8

68 6.4 4.7 7.1

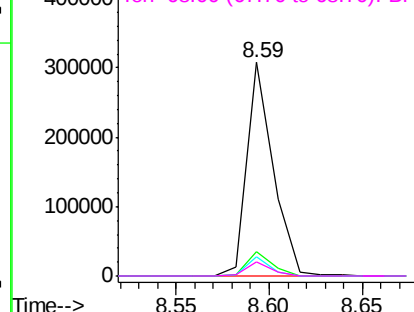
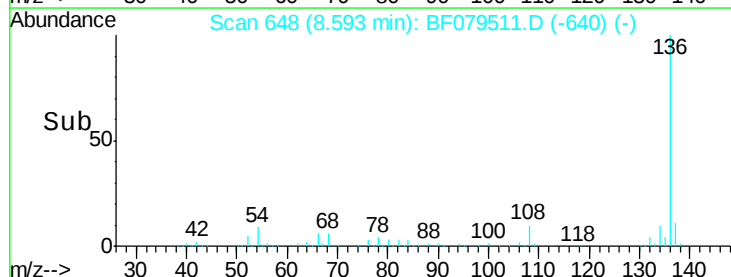


Abundance Ion 136.00 (135.70 to 136.70): E

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

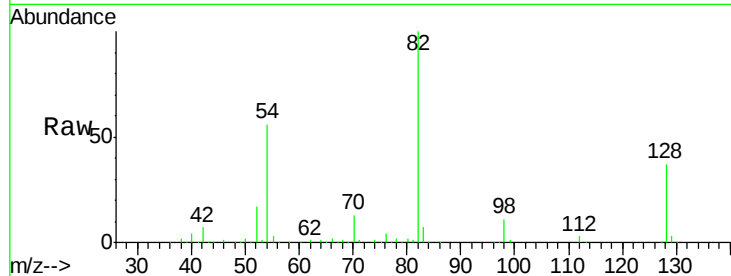




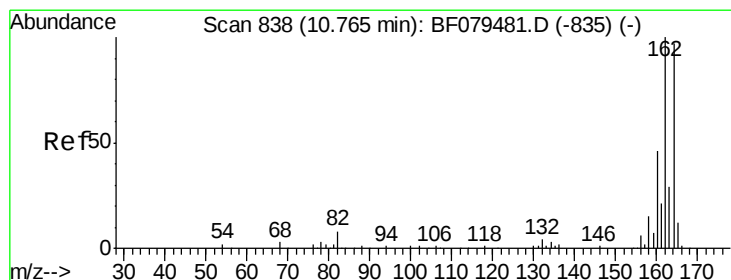
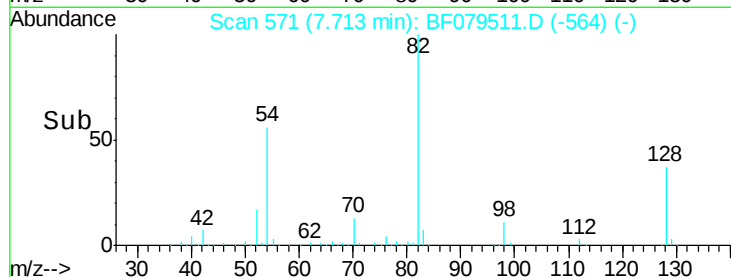
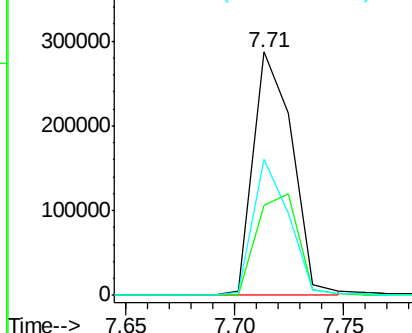
#23
 Nitrobenzene-d5
 Concen: 68.90 ng
 RT: 7.71 min Scan# 571
 Delta R.T. 0.00 min
 Lab File: BF079511.D
 Acq: 27 May 2015 9:02

Instrument :
 BNA_F
 ClientSampleId :
 HF-3(1.5-2)

Tot Ion	82	Resp	359887
Ion Ratio	100	Lower	Upper
128	37.0	30.8	46.2
54	55.7	42.8	64.2

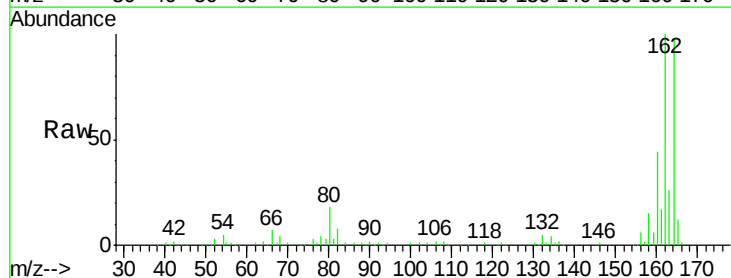


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

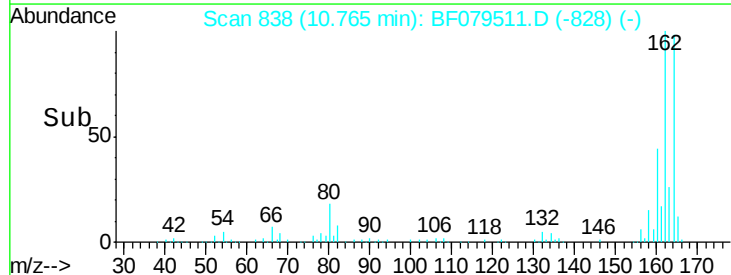
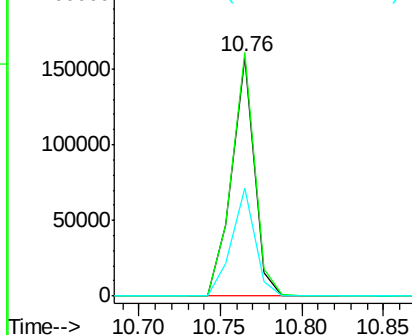


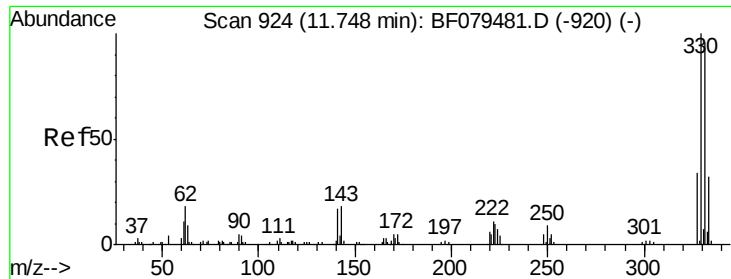
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.76 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF079511.D
 Acq: 27 May 2015 9:02

Tgt Ion	164	Resp	151241
Ion Ratio	100	Lower	Upper
162	102.1	82.6	124.0
160	45.4	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

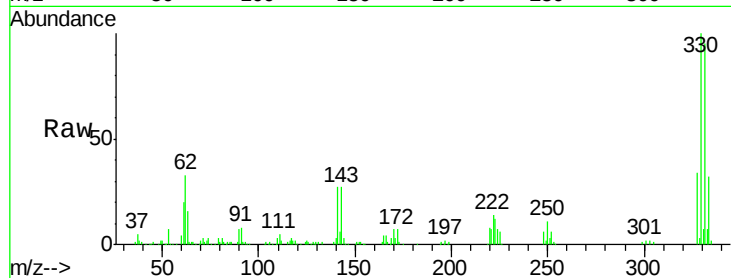




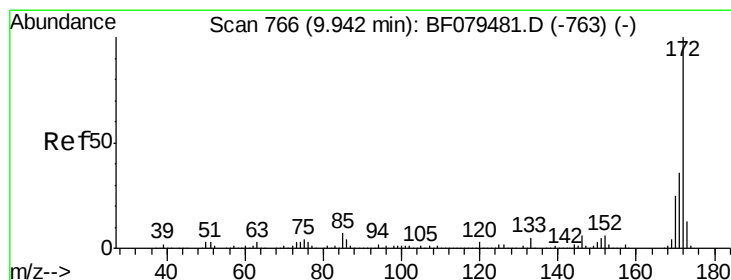
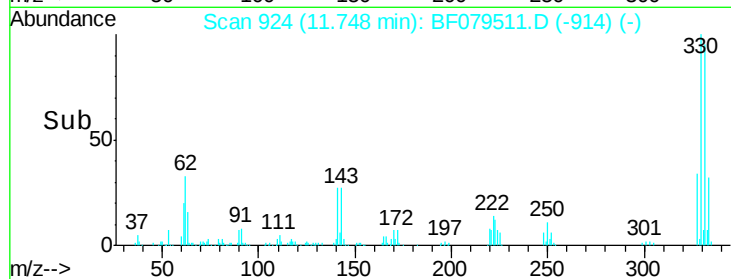
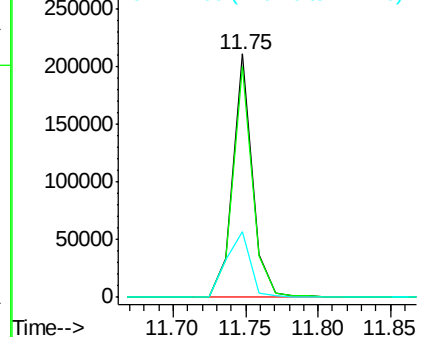
#41
 2,4,6-Tribromophenol
 Concen: 119.82 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079511.D
 Acq: 27 May 2015 9:02

Instrument :
 BNA_F
 ClientSampled :
 HF-3(1.5-2)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	0.0	0.0#
141	33.3	0.0	0.0#

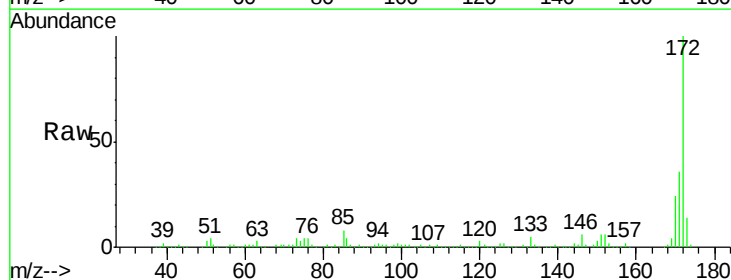


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

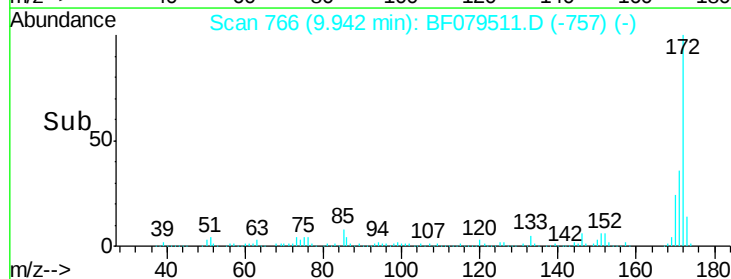
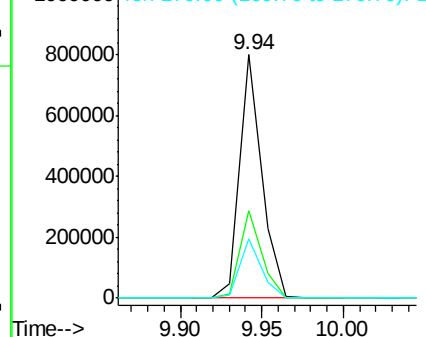


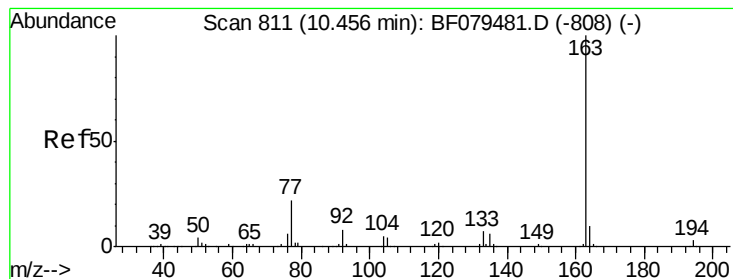
#44
 2-Fluorobiphenyl
 Concen: 70.26 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079511.D
 Acq: 27 May 2015 9:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	24.5	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: 13.73 ng

RT: 10.46 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

Instrument :

BNA_F

ClientSampleId :

HF-3(1.5-2)

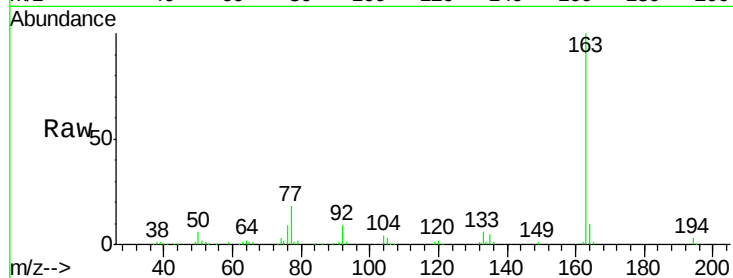
Tot Ion:163 Resp: 153011

Ion Ratio Lower Upper

163 100

194 3.3 2.4 3.6

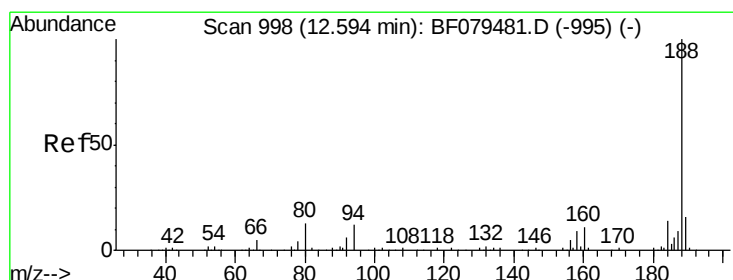
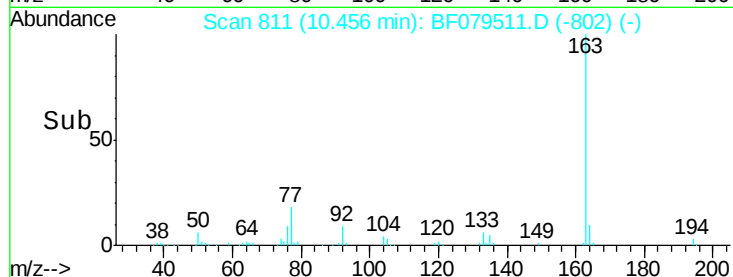
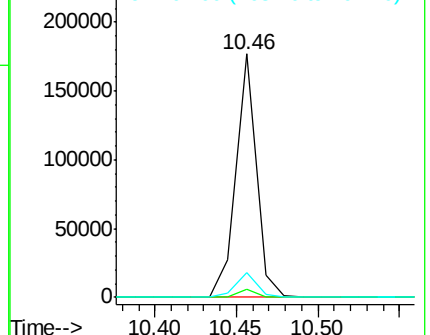
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

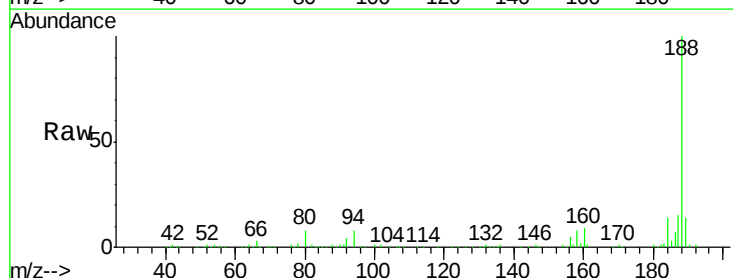
Tgt Ion:188 Resp: 296868

Ion Ratio Lower Upper

188 100

94 7.6 9.8 14.6#

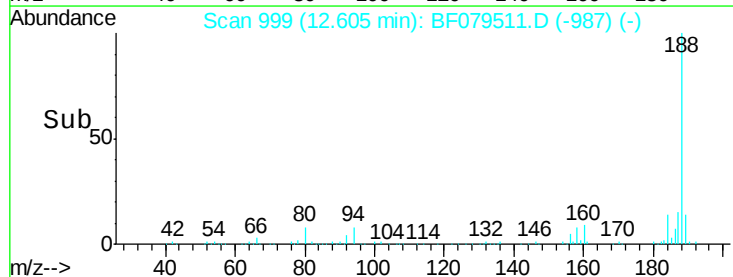
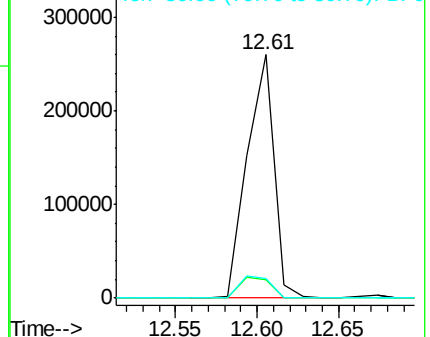
80 7.8 10.5 15.7#

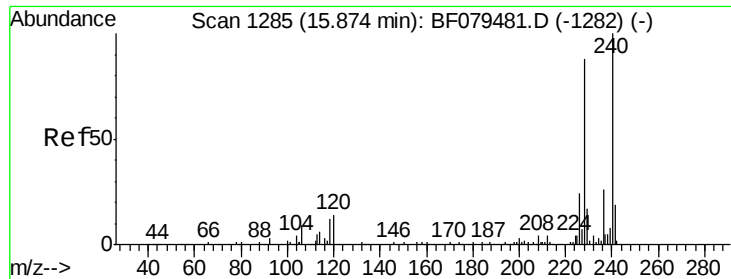


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.89 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

Instrument :

BNA_F

ClientSampleId :

HF-3(1.5-2)

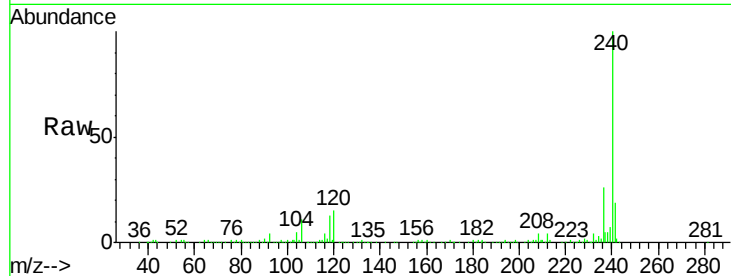
Tot Ion:240 Resp: 320654

Ion Ratio Lower Upper

240 100

120 14.5 10.8 16.2

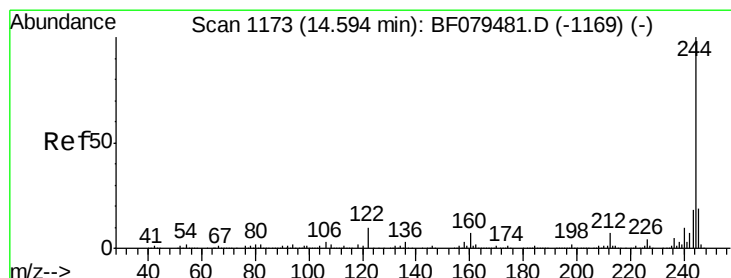
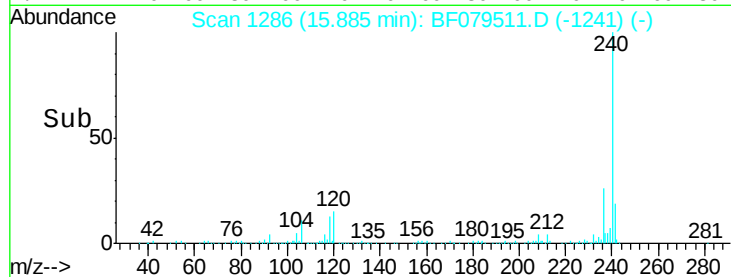
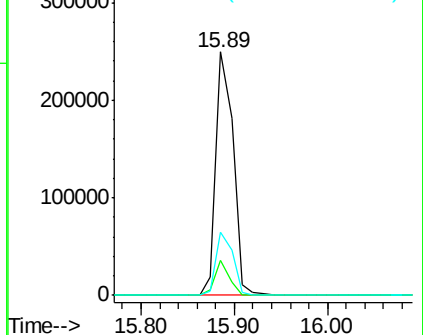
236 26.2 21.0 31.6



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: 63.12 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

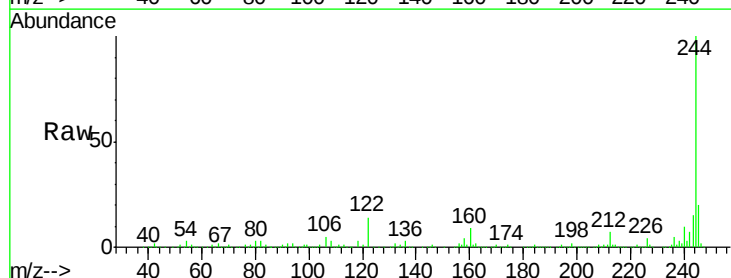
Tgt Ion:244 Resp: 862437

Ion Ratio Lower Upper

244 100

212 7.1 5.2 7.8

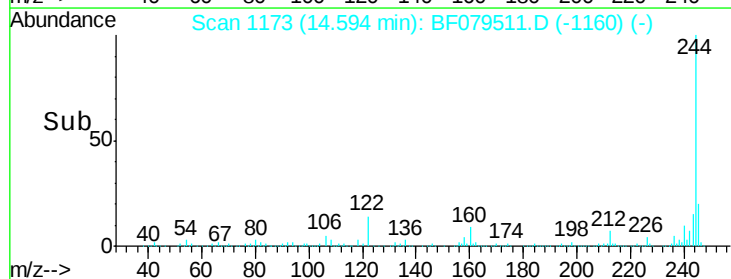
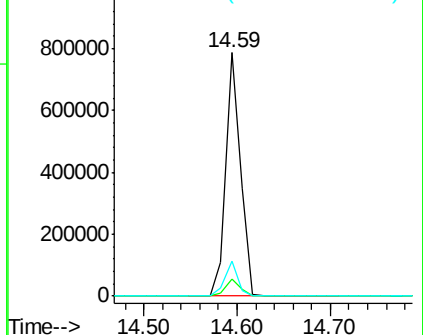
122 14.2 8.0 12.0#

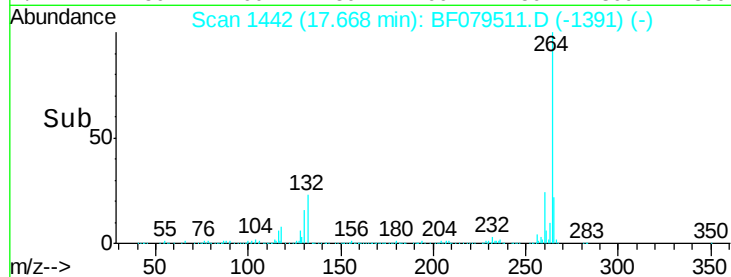
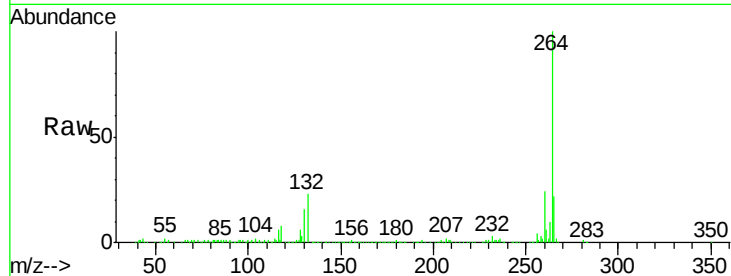
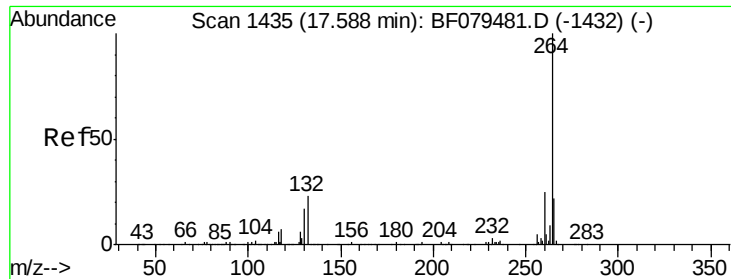


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.67 min Scan# 1442

Delta R.T. 0.08 min

Lab File: BF079511.D

Acq: 27 May 2015 9:02

Instrument :

BNA_F

ClientSampleId :

HF-3(1.5-2)

Tot Ion:264 Resp: 322223

Ion Ratio Lower Upper

264 100

260 24.3 19.8 29.8

265 22.0 17.8 26.6

