

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079515.D
 Acq On : 27 May 2015 10:57
 Operator : TP/IZ
 Sample : G2383-02 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1(15-15.5)

Quant Time: May 27 12:21:56 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

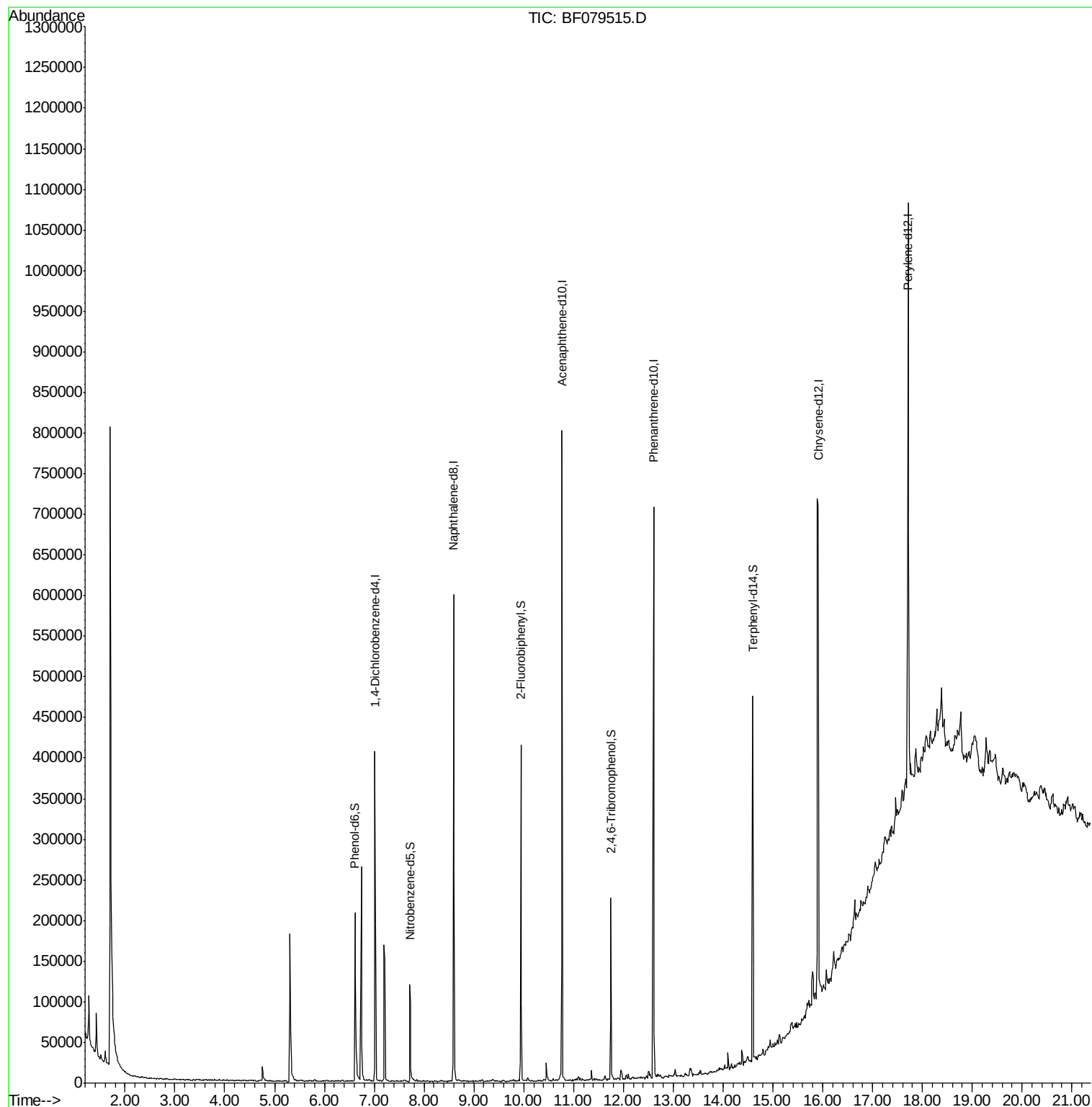
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	71894	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	308569	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	162048	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	311067	20.00	ng	0.01
75) Chrysene-d12	15.91	240	338444	20.00	ng	0.03
86) Perylene-d12	17.71	264	343286	20.00	ng	0.13
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.62	99	99783	18.89	ng	0.00
23) Nitrobenzene-d5	7.71	82	56225	10.53	ng	0.00
41) 2,4,6-Tribromophenol	11.75	330	32515	18.27	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	130924	11.53	ng	0.00
78) Terphenyl-d14	14.59	244	156317	10.84	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	13.36	149	1457	Below Cal	#	78
89) Benzo(a)pyrene	17.65	252	4948	Below Cal	#	7
90) Dibenzo(a,h)anthracene	19.10	278	4022	Below Cal	#	4
91) Benzo(g,h,i)perylene	19.46	276	7087	Below Cal	#	61

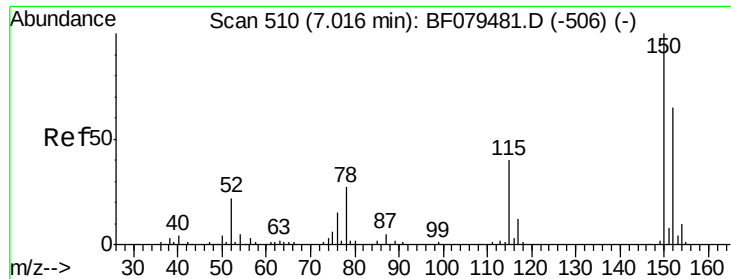
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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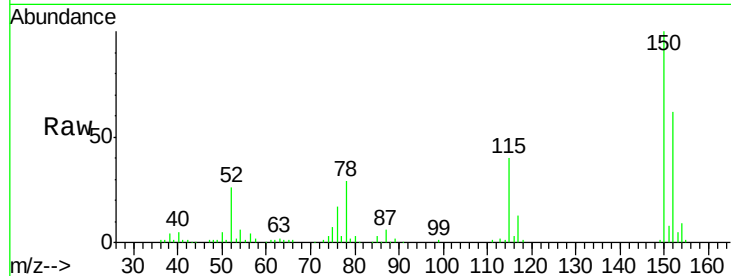


#1

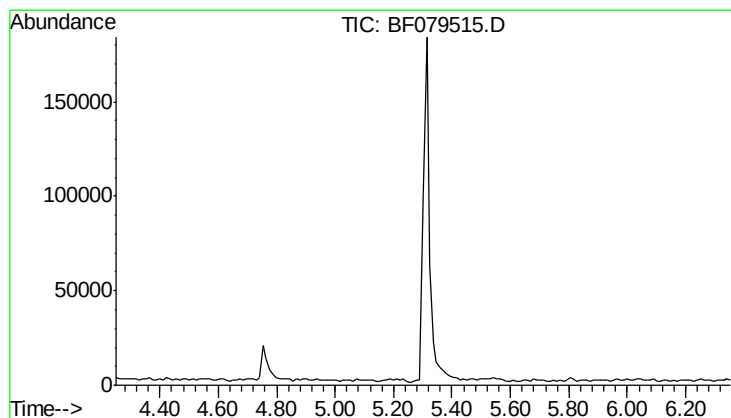
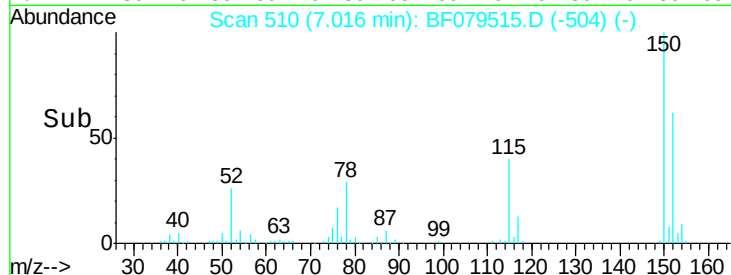
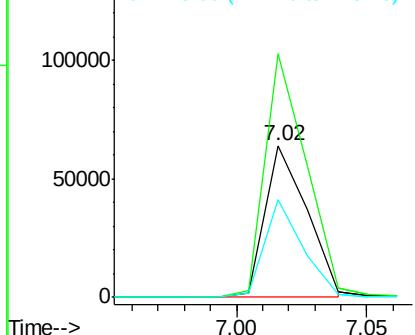
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.02 min Scan# 510
Delta R.T. 0.00 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
HF-1(15-15.5)

Tot Ion:152 Resp: 71894
Ion Ratio Lower Upper
152 100
150 160.1 124.0 186.0
115 64.6 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

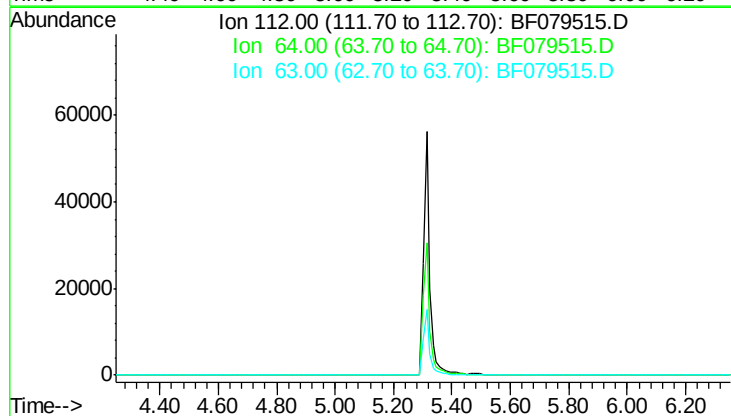


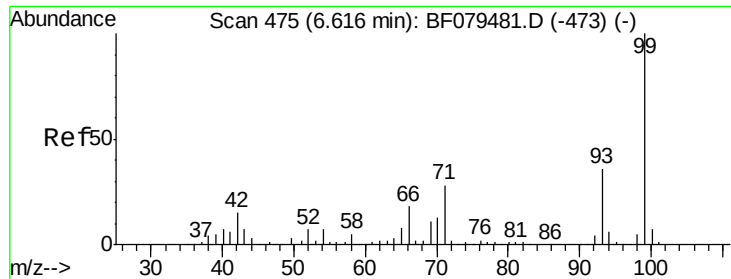
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.30 min

Lab File: BF079515.D
Acq: 27 May 2015 10:57

Tgt Ion: 112
Sig Exp Ratio
112 100
64 54.4
63 27.3





#7

Phenol-d6

Concen: 18.89 ng

RT: 6.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

Instrument :

BNA_F

ClientSampleId :

HF-1(15-15.5)

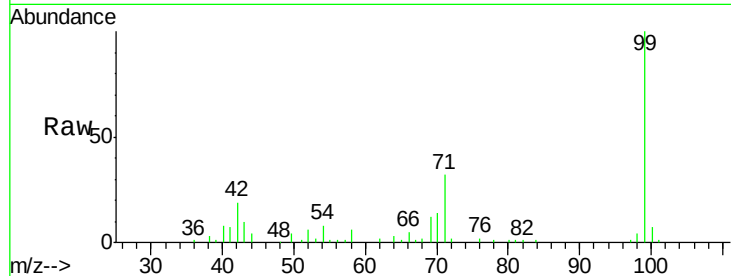
Tot Ion: 99 Resp: 99783

Ion Ratio Lower Upper

99 100

42 19.4 11.9 17.9#

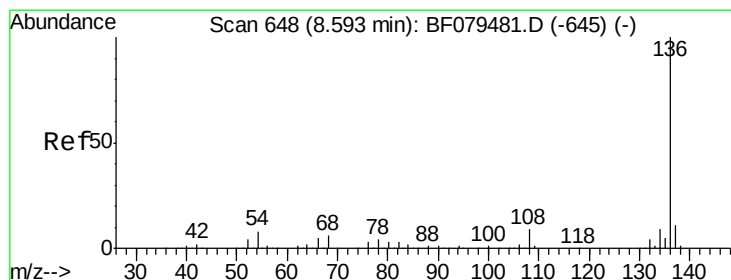
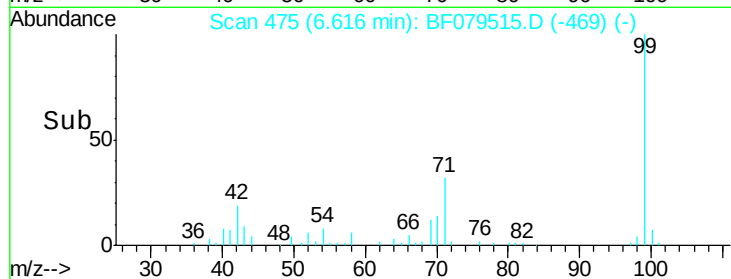
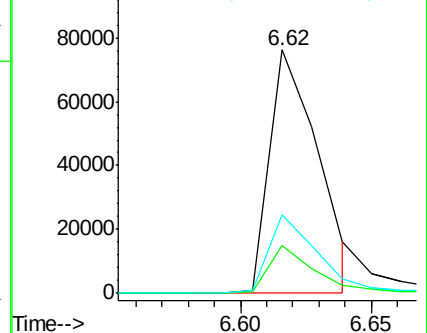
71 32.4 22.1 33.1



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: BF079515.D

Acq: 27 May 2015 10:57

Tgt Ion: 136 Resp: 308569

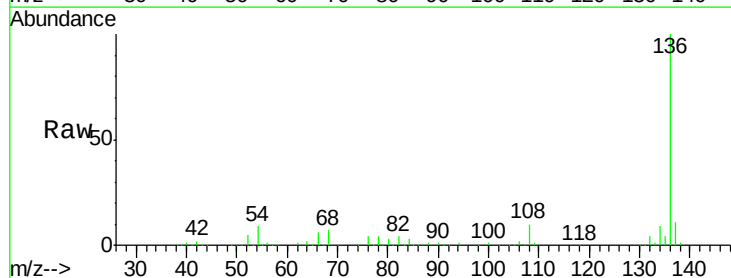
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.9 6.6 9.8

68 6.7 4.7 7.1

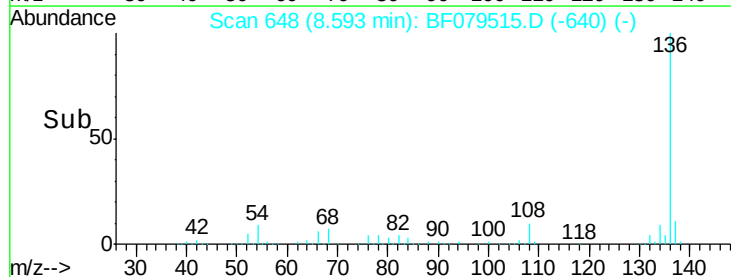
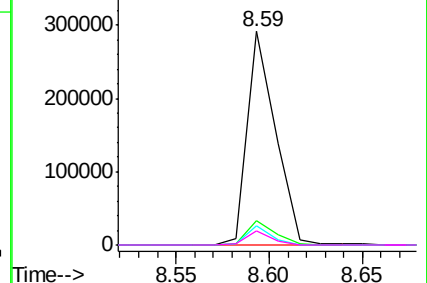


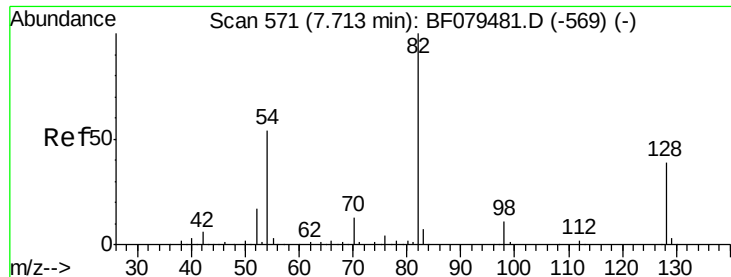
Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.53 ng

RT: 7.71 min Scan# 571

Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

Instrument :

BNA_F

ClientSampleId :

HF-1(15-15.5)

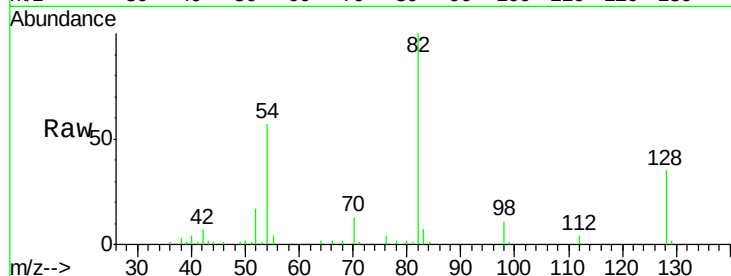
Tot Ion: 82 Resp: 56225

Ion Ratio Lower Upper

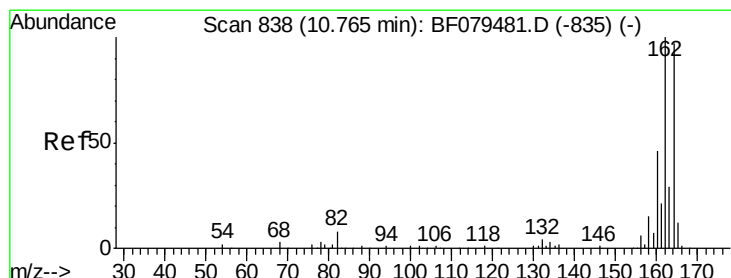
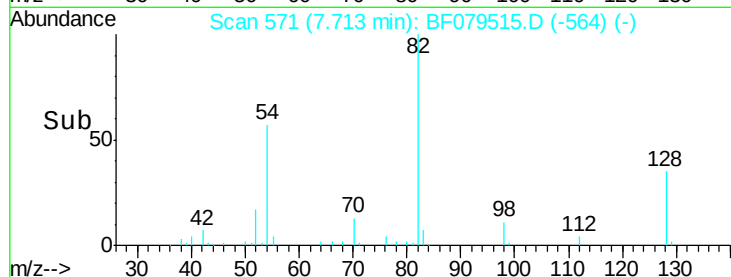
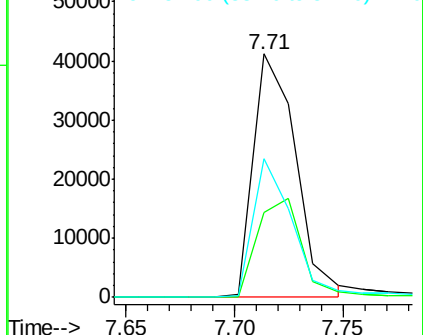
82 100

128 34.9 30.8 46.2

54 56.7 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: BF079515.D

Acq: 27 May 2015 10:57

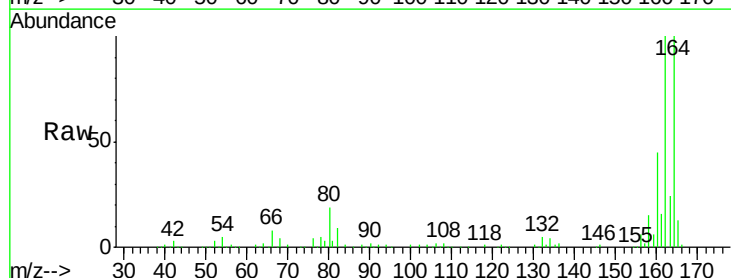
Tgt Ion:164 Resp: 162048

Ion Ratio Lower Upper

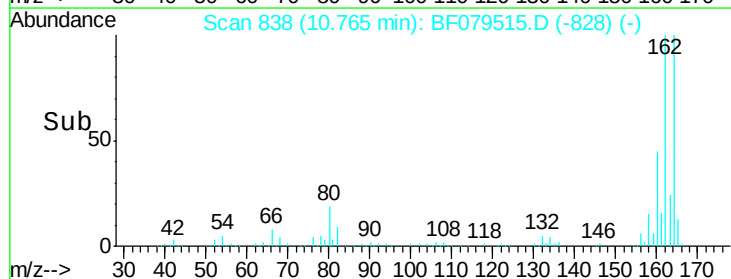
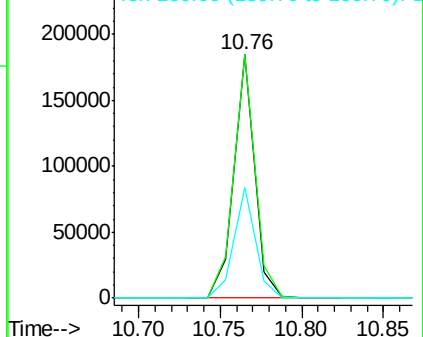
164 100

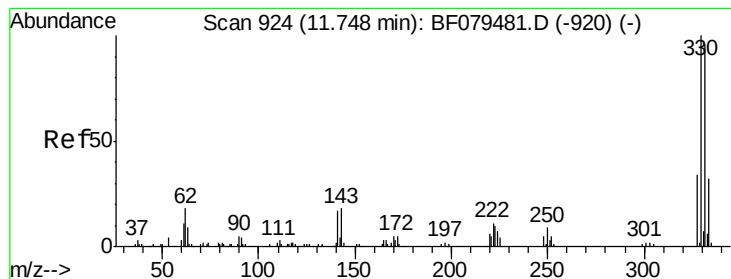
162 100.1 82.6 124.0

160 45.3 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

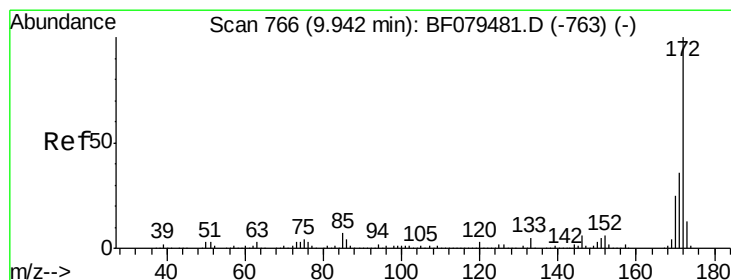
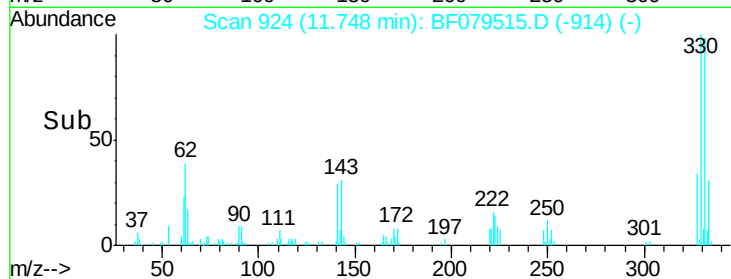
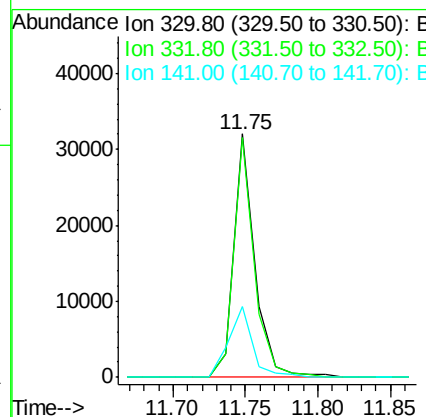
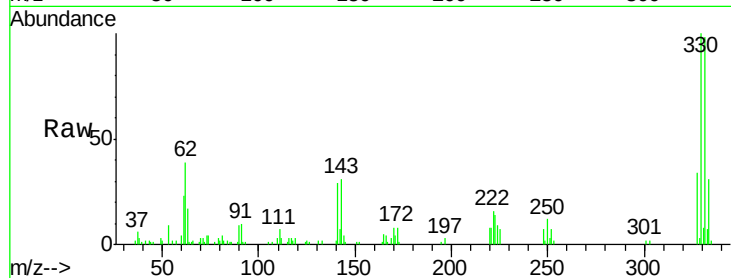




#41
 2,4,6-Tribromophenol
 Concen: 18.27 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

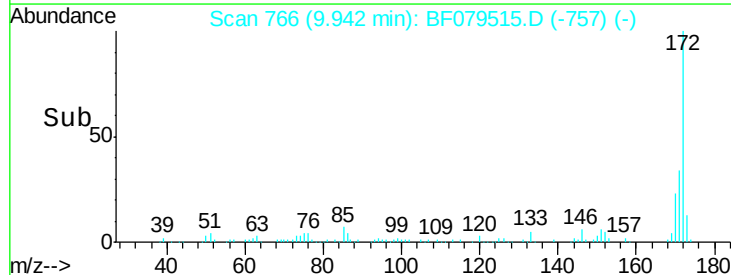
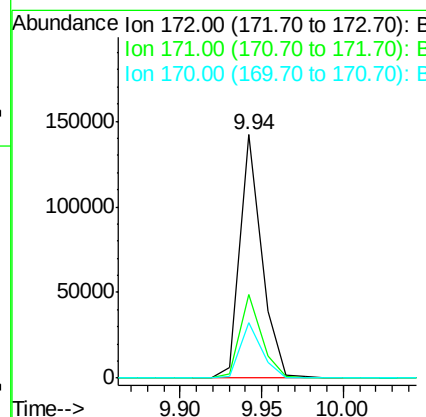
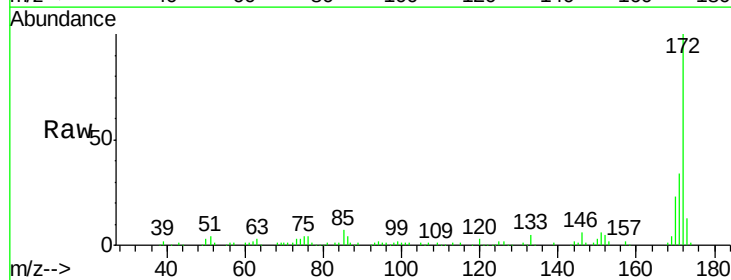
Instrument :
 BNA_F
 ClientSampleId :
 HF-1(15-15.5)

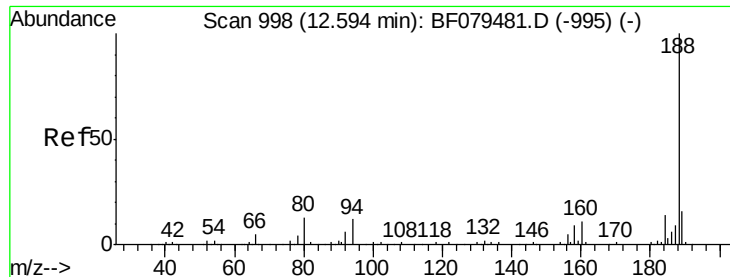
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	33.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 11.53 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079515.D
 Acq: 27 May 2015 10:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.5	42.7
170	22.7	19.7	29.5

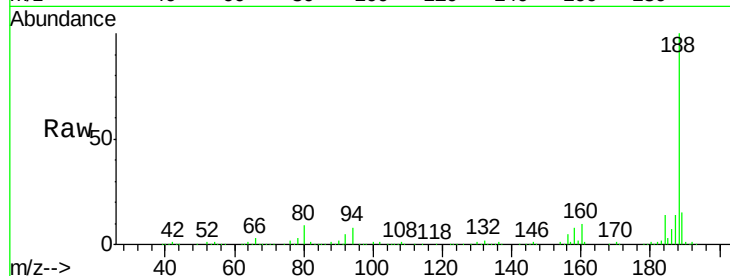




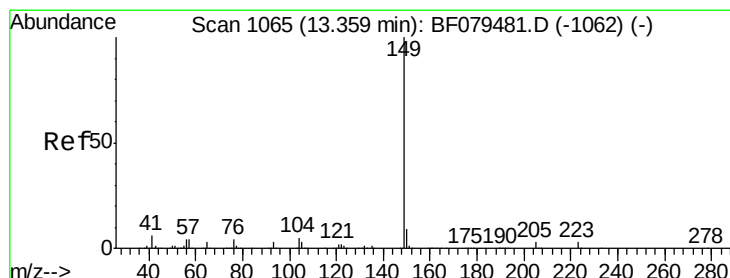
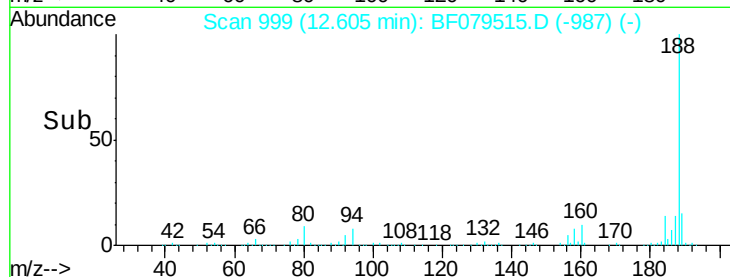
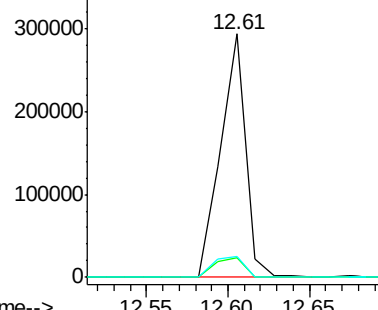
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.61 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
HF-1(15-15.5)

Tot Ion:188 Resp: 311067
Ion Ratio Lower Upper
188 100
94 8.0 9.8 14.6#
80 8.5 10.5 15.7#

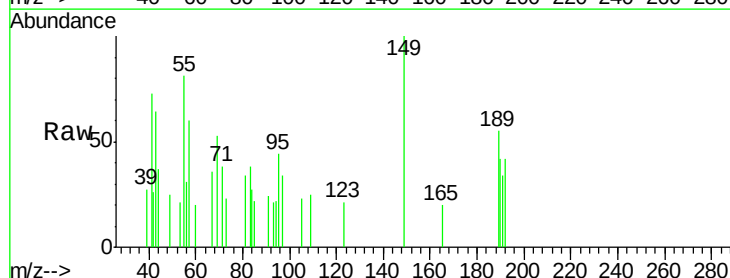


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

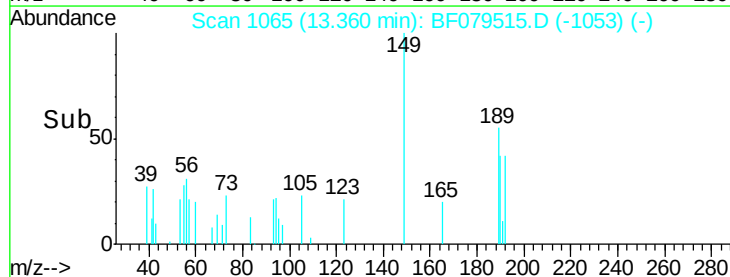
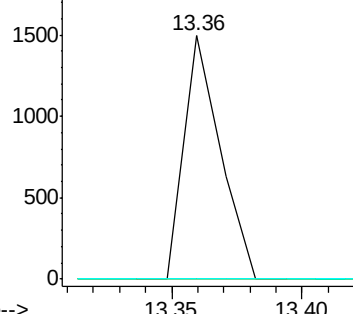


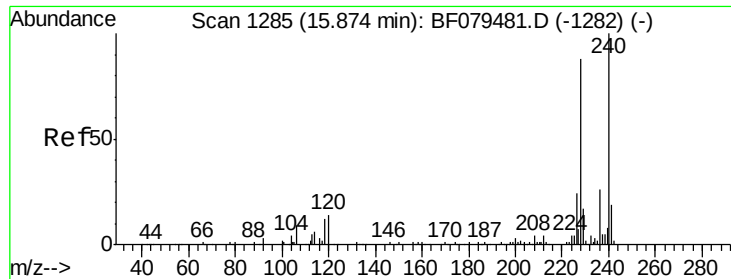
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 13.36 min Scan# 1065
Delta R.T. 0.00 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

Tgt Ion:149 Resp: 1457
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.6 5.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.91 min Scan# 1288

Delta R.T. 0.03 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

Instrument :

BNA_F

ClientSampleId :

HF-1(15-15.5)

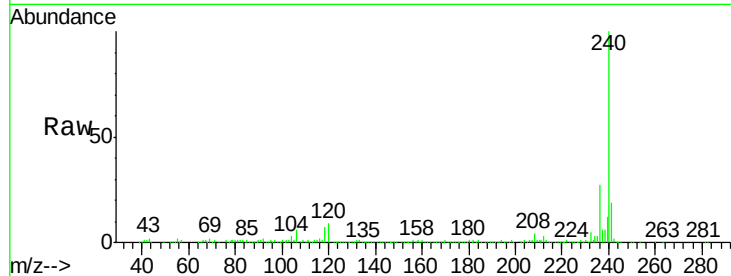
Tot Ion:240 Resp: 338444

Ion Ratio Lower Upper

240 100

120 9.1 10.8 16.2#

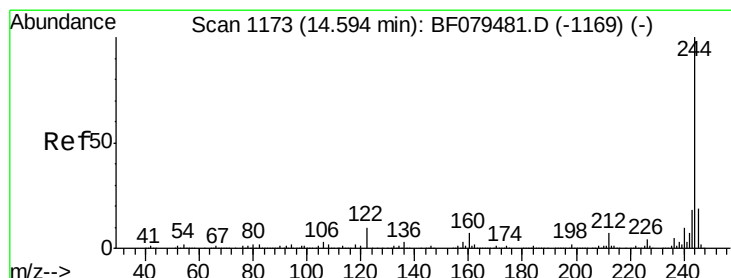
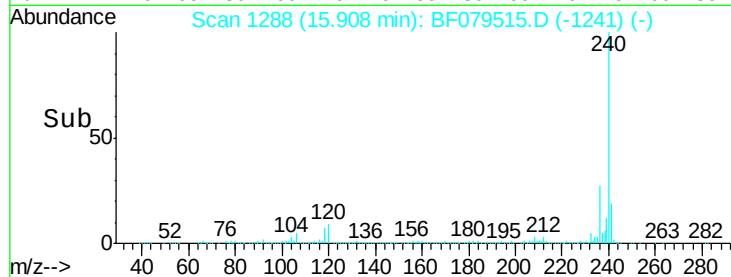
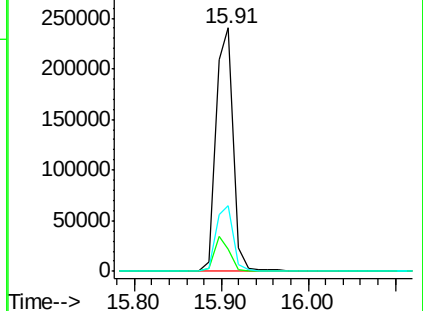
236 26.9 21.0 31.6



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: 10.84 ng

RT: 14.59 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF079515.D

Acq: 27 May 2015 10:57

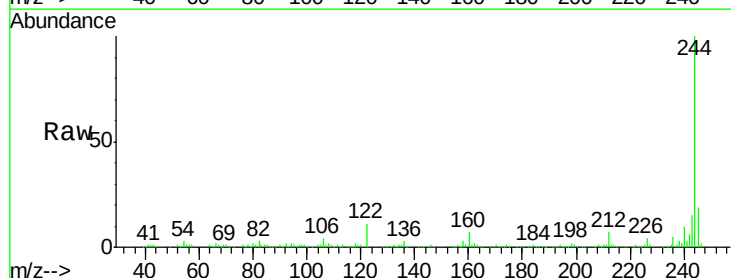
Tgt Ion:244 Resp: 156317

Ion Ratio Lower Upper

244 100

212 6.9 5.2 7.8

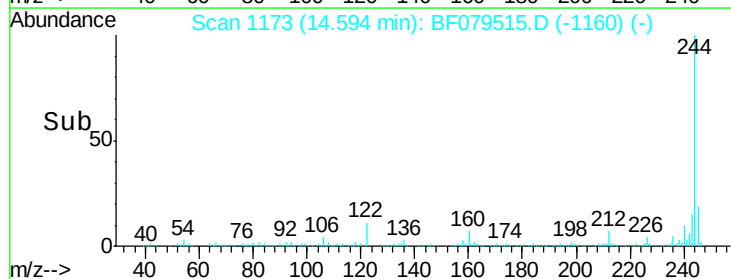
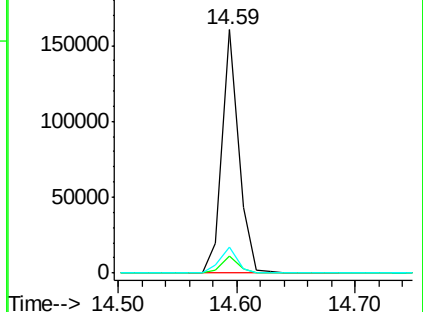
122 10.9 8.0 12.0

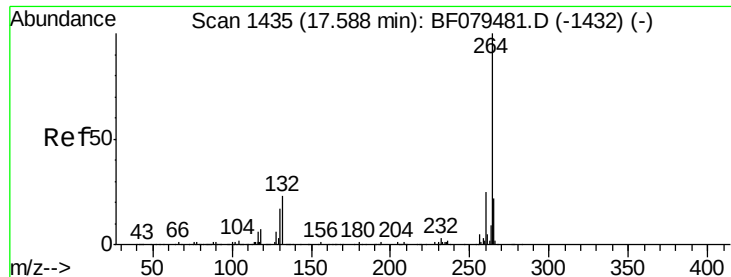


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

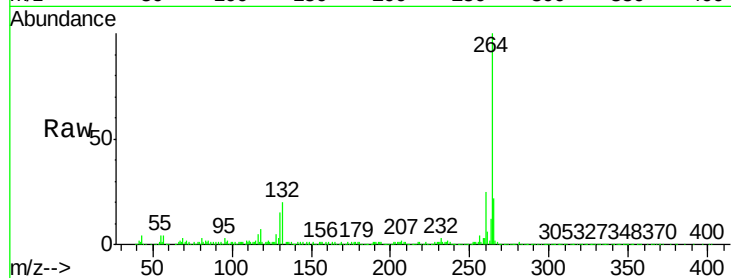




#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.71 min Scan# 1446
Delta R.T. 0.13 min
Lab File: BF079515.D
Acq: 27 May 2015 10:57

Instrument :
BNA_F
ClientSampleId :
HF-1(15-15.5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.8
265	21.9	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

