

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079607.D
 Acq On : 30 May 2015 17:16
 Operator : TP/IZ
 Sample : G2420-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.7(5)

Quant Time: May 31 07:14:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

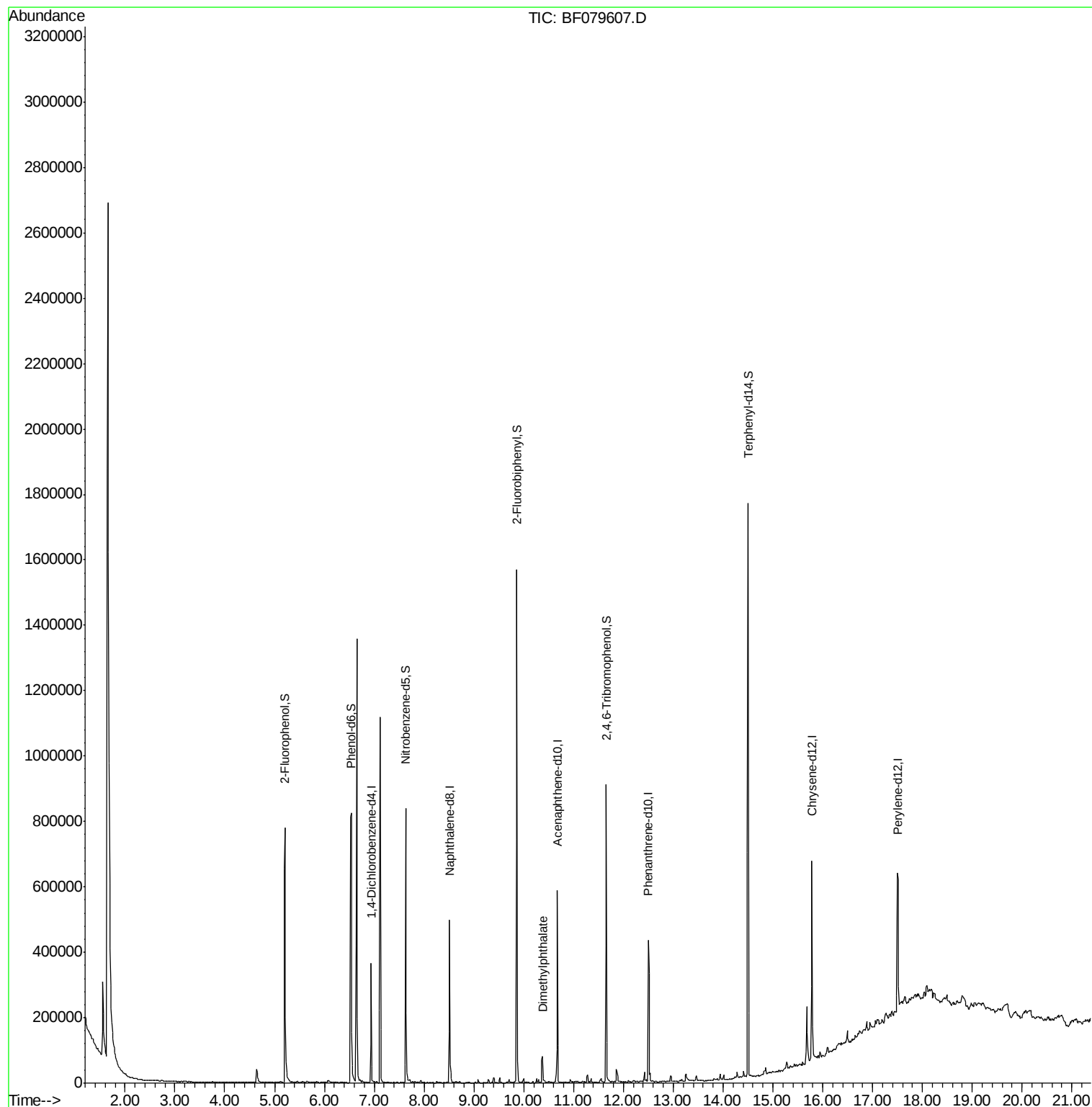
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	62702	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	254118	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	119625	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	219996	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	237497	20.00	ng	-0.06
86) Perylene-d12	17.51	264	245701	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	376037	104.02	ng	-0.02
7) Phenol-d6	6.54	99	509963	110.67	ng	-0.02
23) Nitrobenzene-d5	7.63	82	280579	63.83	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	139121	105.88	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	583943	69.64	ng	-0.02
78) Terphenyl-d14	14.50	244	647138	63.95	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.38	163	48989	5.56	ng	Qvalue 98

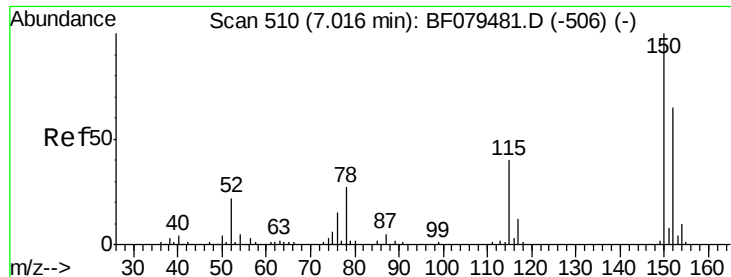
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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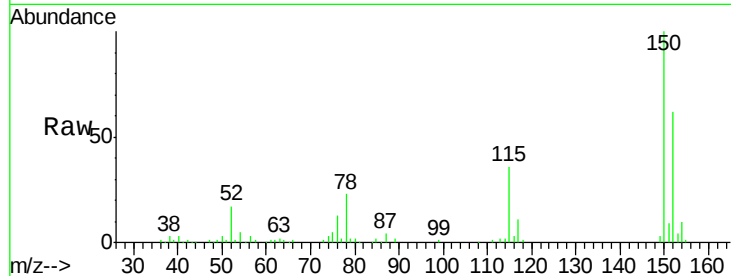


#1

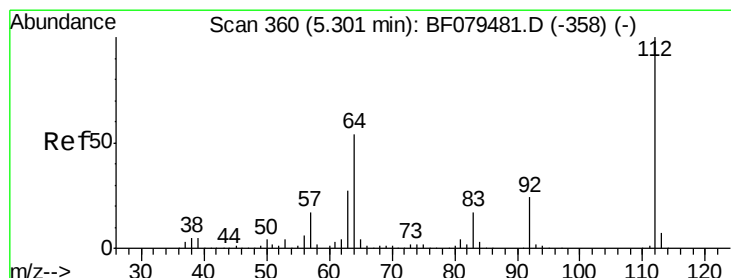
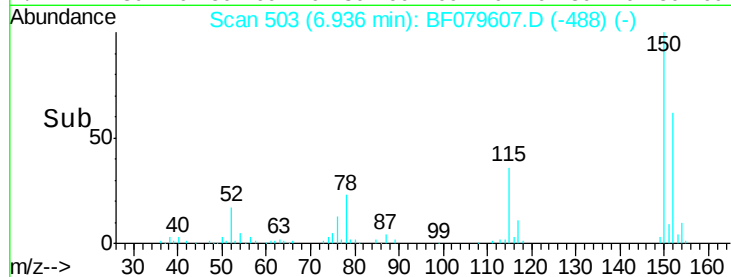
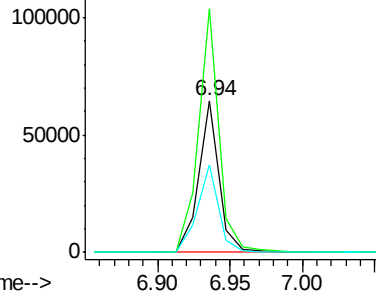
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF079607.D
 Acq: 30 May 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.7(5)

Tgt Ion:152 Resp: 62702
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.0 186.0
 115 57.6 49.6 74.4



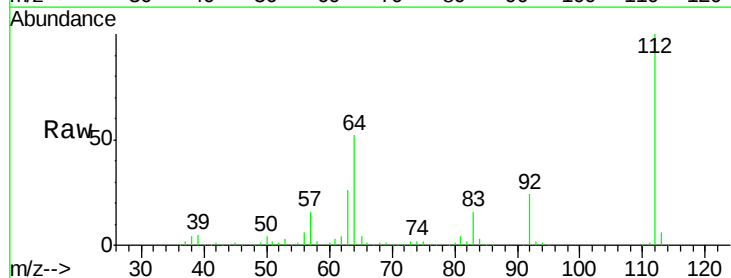
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



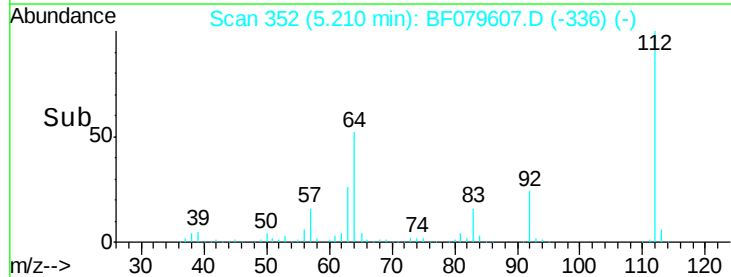
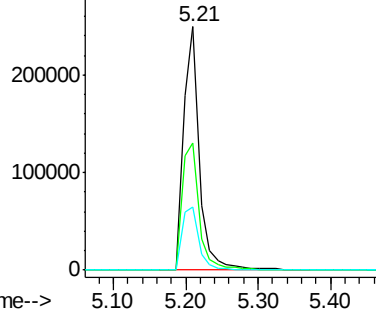
#5

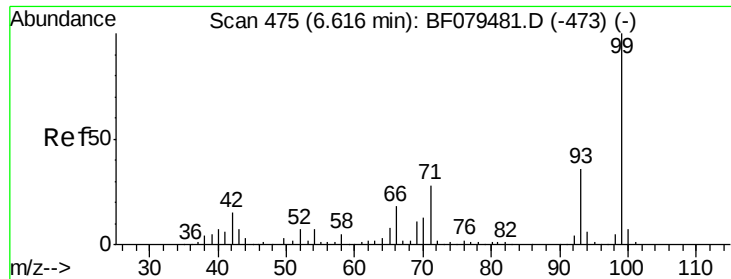
2-Fluorophenol
 Concen: 104.02 ng
 RT: 5.21 min Scan# 352
 Delta R.T. -0.02 min
 Lab File: BF079607.D
 Acq: 30 May 2015 17:16

Tgt Ion:112 Resp: 376037
 Ion Ratio Lower Upper
 112 100
 64 52.2 43.5 65.3
 63 26.1 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: 110.67 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PENRD8.7(5)

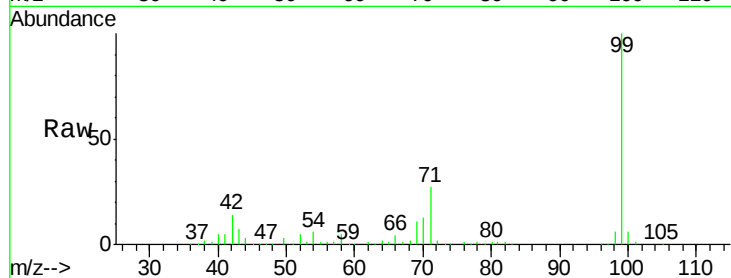
Tgt Ion: 99 Resp: 509963

Ion Ratio Lower Upper

99 100

42 14.3 11.9 17.9

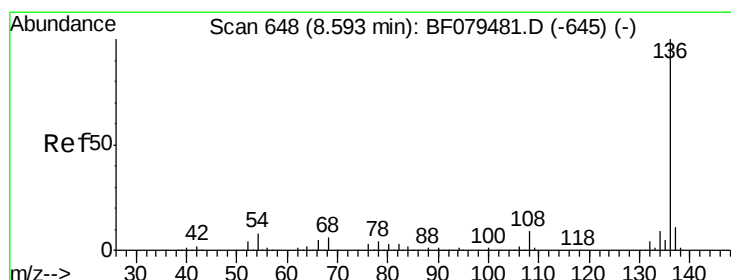
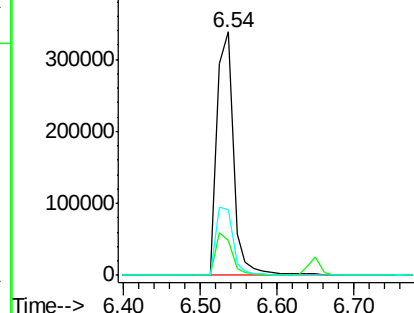
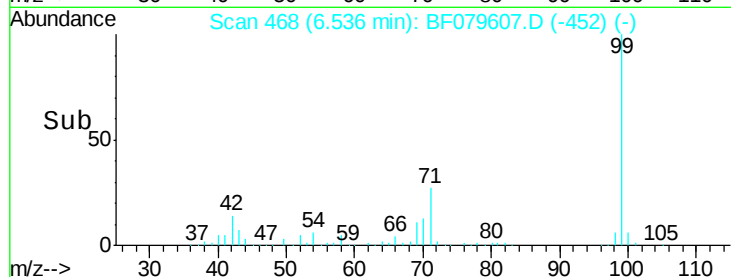
71 27.1 22.1 33.1



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: 8.51 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

Tgt Ion: 136 Resp: 254118

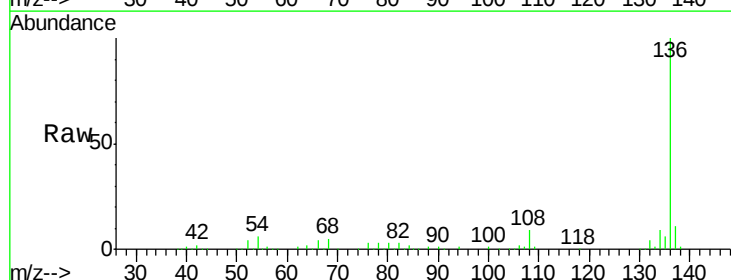
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.4 6.6 9.8#

68 4.9 4.7 7.1

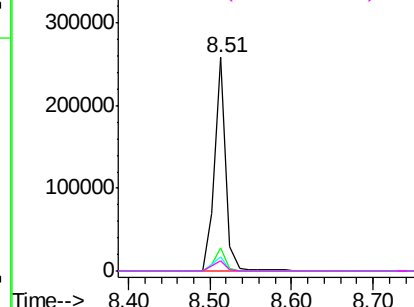
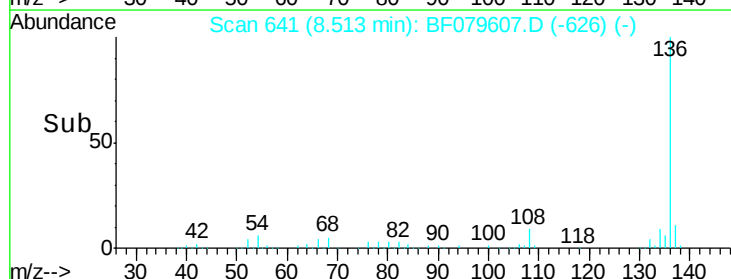


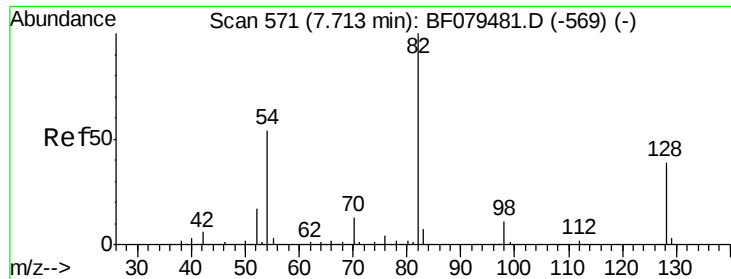
Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.83 ng

RT: 7.63 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PENRD8.7(5)

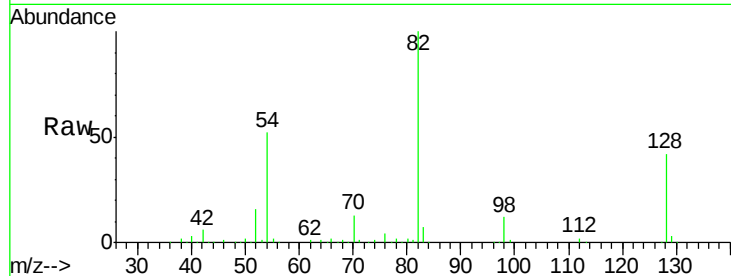
Tgt Ion: 82 Resp: 280579

Ion Ratio Lower Upper

82 100

128 42.4 30.8 46.2

54 51.5 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) (-)

7.63

300000

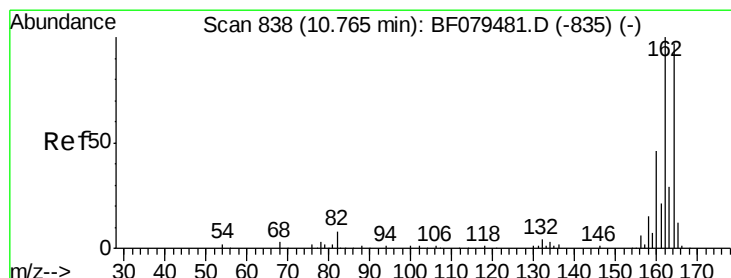
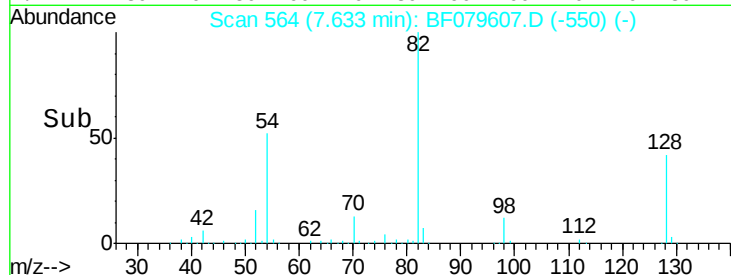
200000

100000

0

7.60 7.70 7.80

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

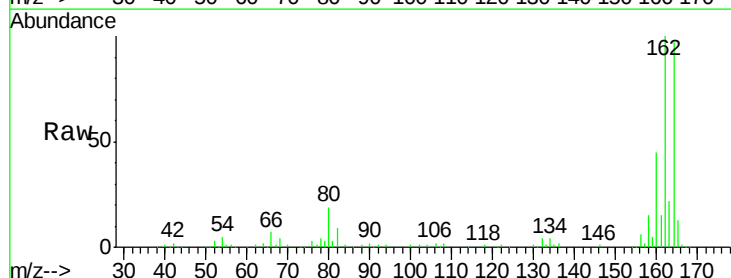
Tgt Ion: 164 Resp: 119625

Ion Ratio Lower Upper

164 100

162 102.7 82.6 124.0

160 46.6 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) (-)

10.67

150000

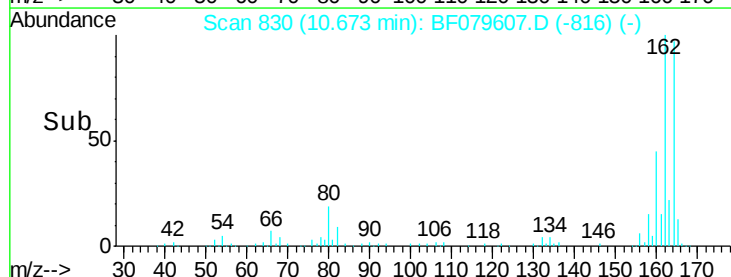
100000

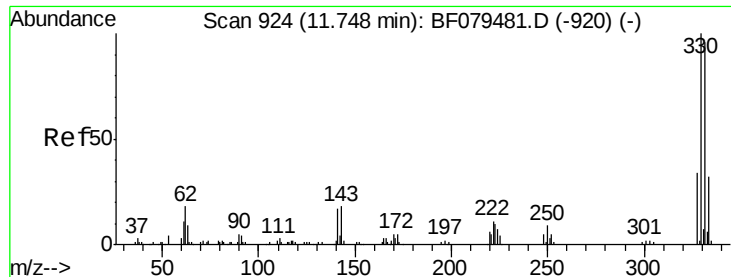
50000

0

10.60 10.70

Time-->

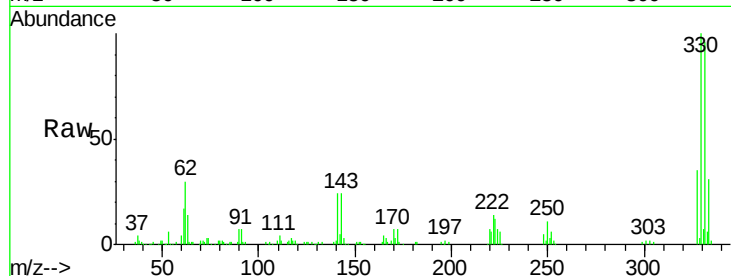




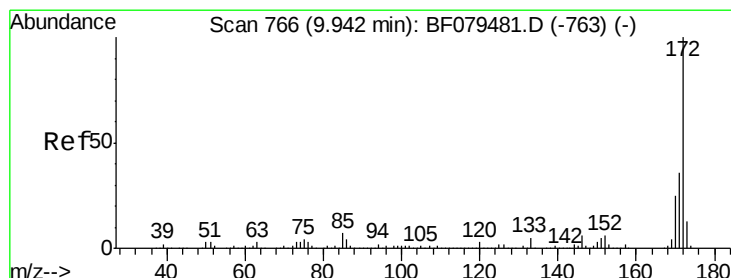
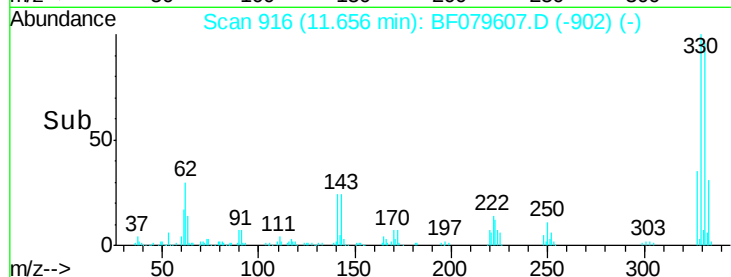
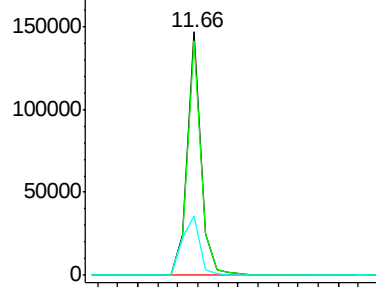
#41
 2,4,6-Tribromophenol
 Concen: 105.88 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079607.D
 Acq: 30 May 2015 17:16

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.7(5)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	31.6	0.0	0.0#

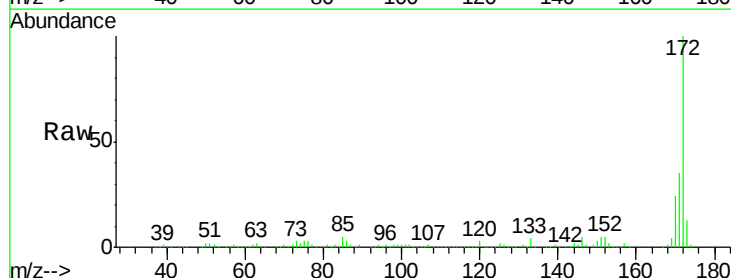


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

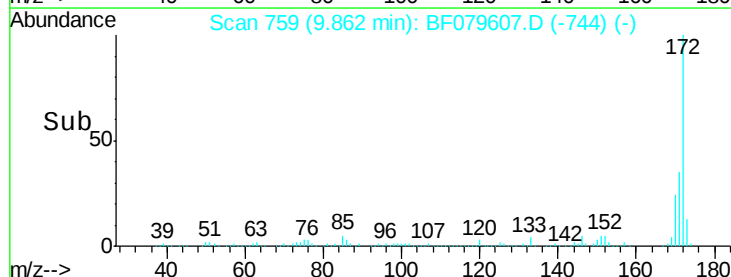
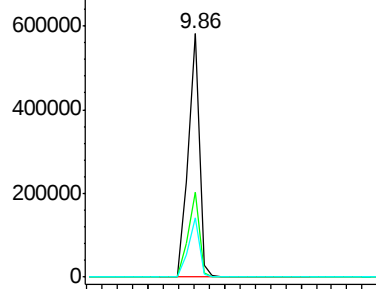


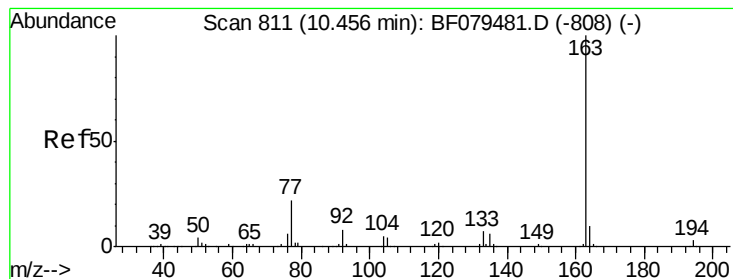
#44
 2-Fluorobiphenyl
 Concen: 69.64 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079607.D
 Acq: 30 May 2015 17:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	24.1	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: 5.56 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PENRD8.7(5)

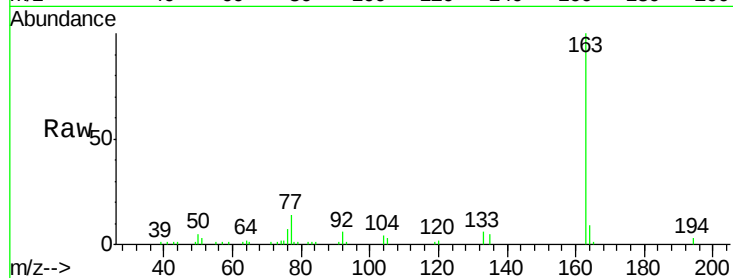
Tgt Ion:163 Resp: 48989

Ion Ratio Lower Upper

163 100

194 3.2 2.4 3.6

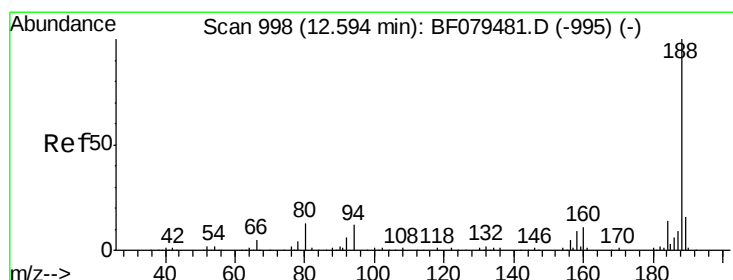
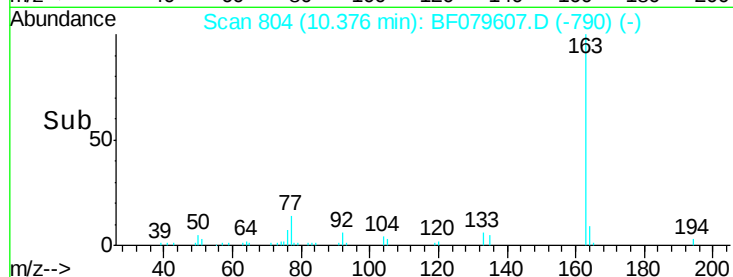
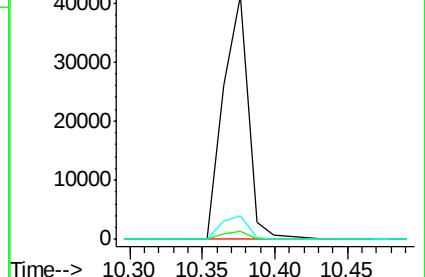
164 9.5 8.2 12.4



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: 12.50 min Scan# 990

Delta R.T. -0.03 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

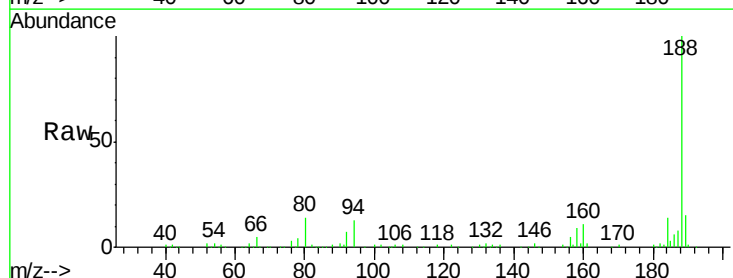
Tgt Ion:188 Resp: 219996

Ion Ratio Lower Upper

188 100

94 13.3 9.8 14.6

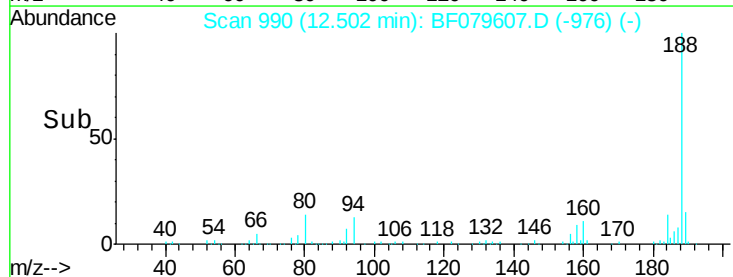
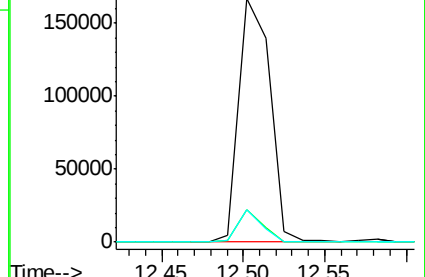
80 13.5 10.5 15.7

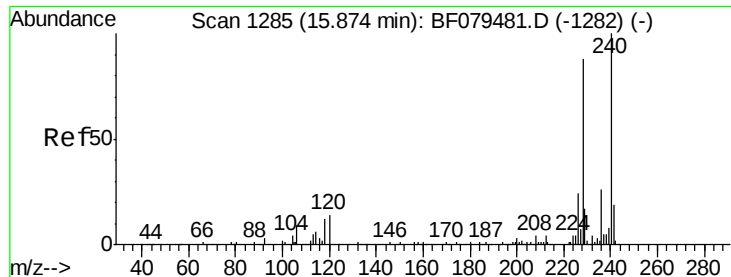


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

Instrument :

BNA_F

ClientSampleId :

PENRD8.7(5)

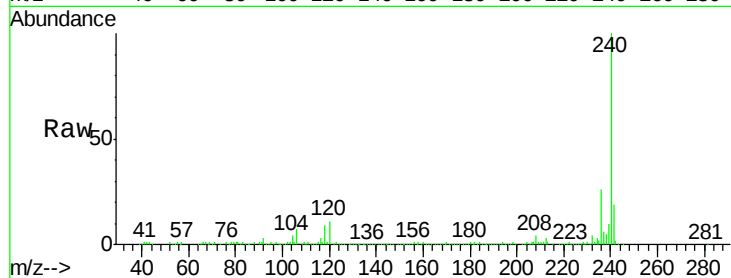
Tgt Ion:240 Resp: 237497

Ion Ratio Lower Upper

240 100

120 10.9 10.8 16.2

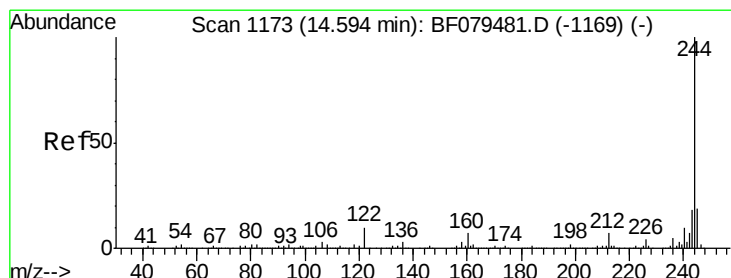
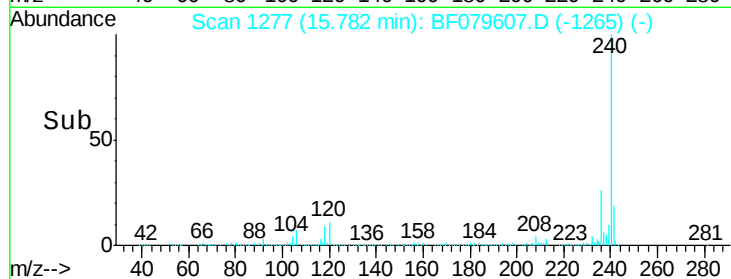
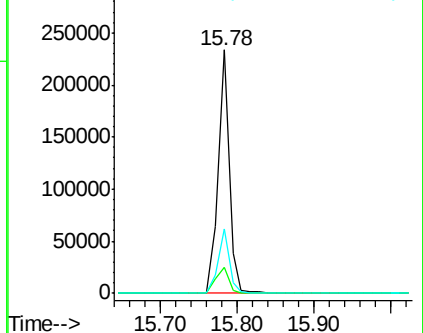
236 26.4 21.0 31.6



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: 63.95 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF079607.D

Acq: 30 May 2015 17:16

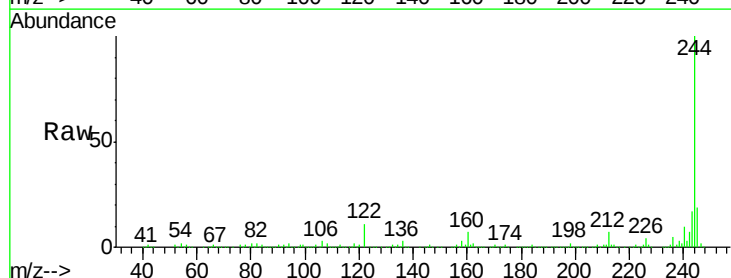
Tgt Ion:244 Resp: 647138

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

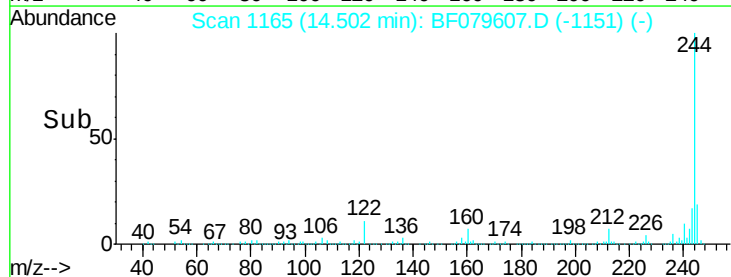
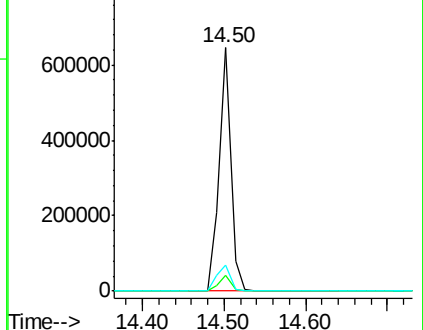
122 10.8 8.0 12.0

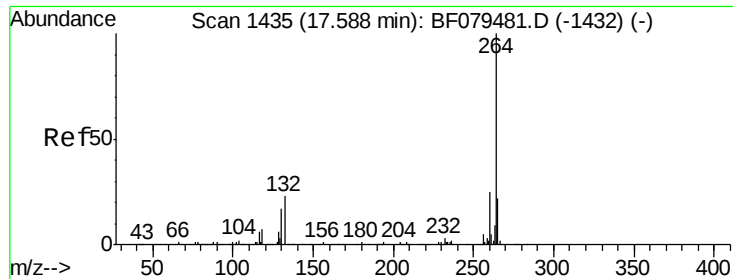


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

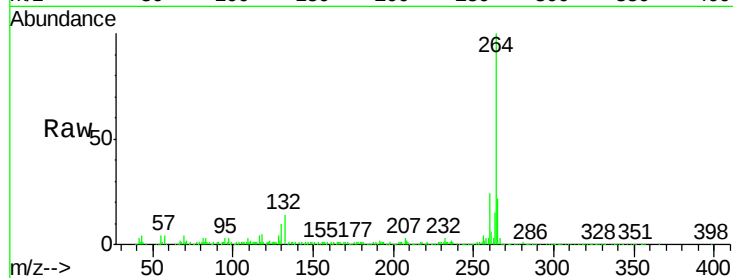




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.16 min
Lab File: BF079607.D
Acq: 30 May 2015 17:16

Instrument :
BNA_F
ClientSampleId :
PENRD8.7(5)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	22.0	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

