

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079610.D
 Acq On : 30 May 2015 18:43
 Operator : TP/IZ
 Sample : G2420-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

Quant Time: May 31 07:19:59 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

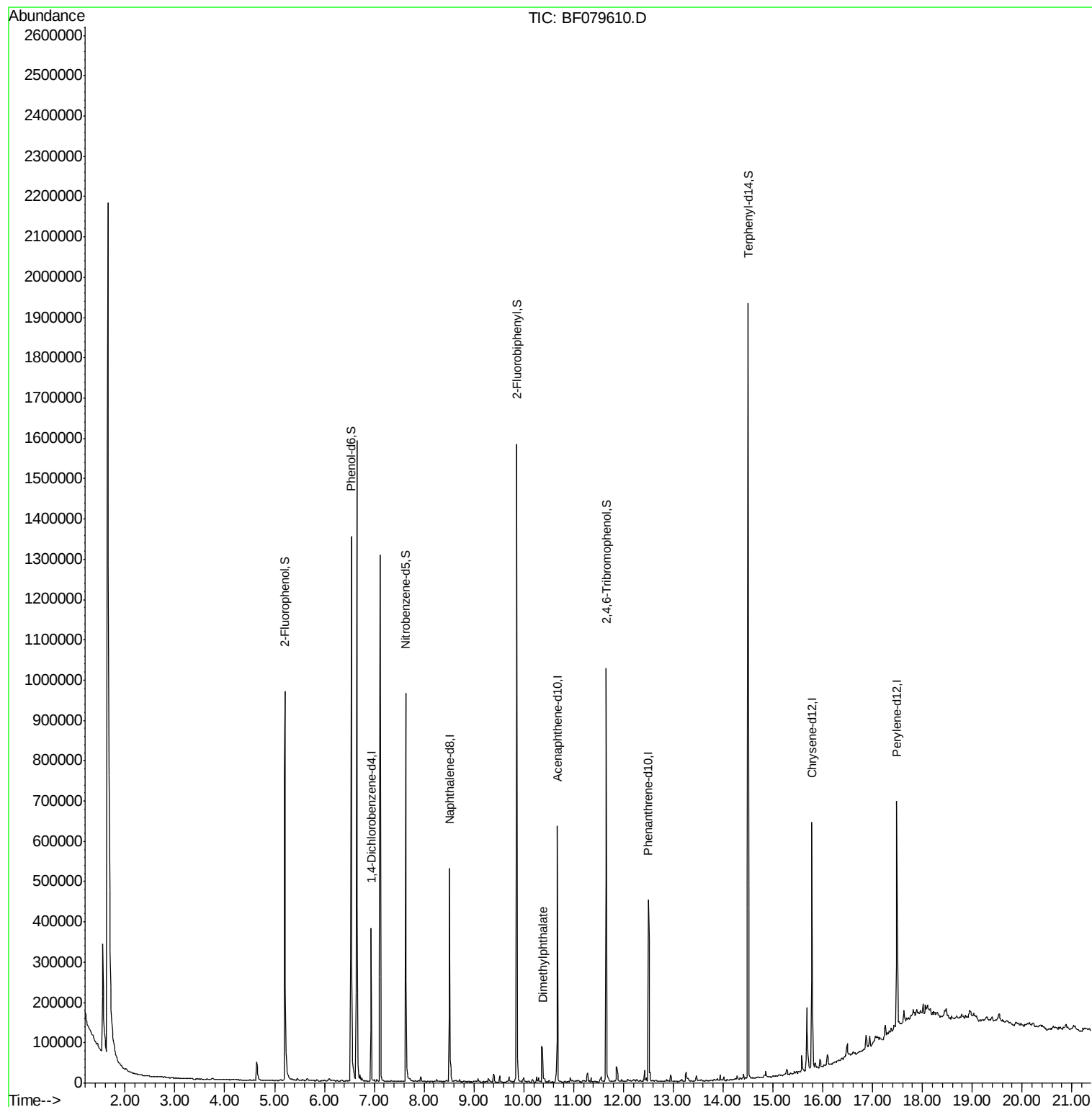
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	66759	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	268387	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	128715	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	231481	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	253889	20.00	ng	-0.06
86) Perylene-d12	17.49	264	258474	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	444088	115.38	ng	-0.02
7) Phenol-d6	6.54	99	575309	117.27	ng	-0.02
23) Nitrobenzene-d5	7.63	82	322322	69.42	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	158342	112.00	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	639255	70.85	ng	-0.02
78) Terphenyl-d14	14.50	244	690911	63.86	ng	-0.03
Target Compounds						
49) Dimethylphthalate	10.38	163	57985	6.11	ng	Qvalue 97

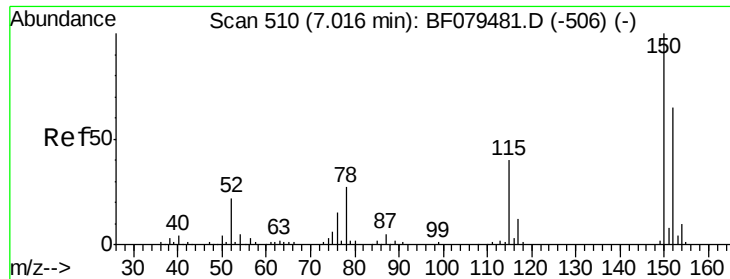
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

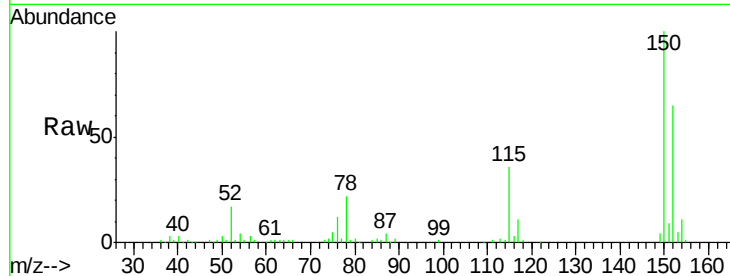
Tgt Ion:152 Resp: 66759

Ion Ratio Lower Upper

152 100

150 154.9 124.0 186.0

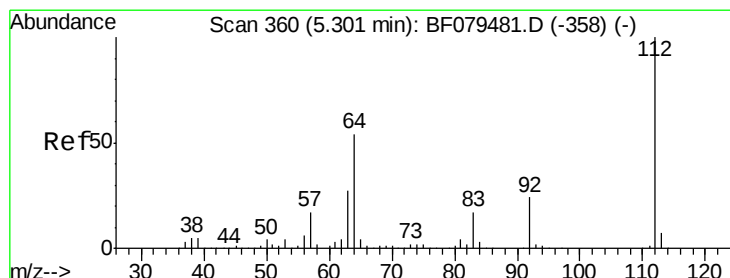
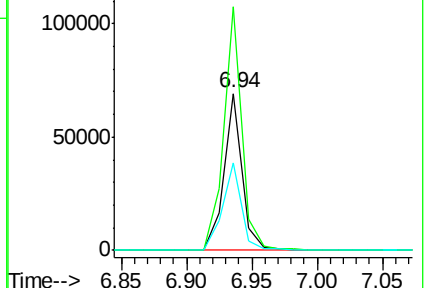
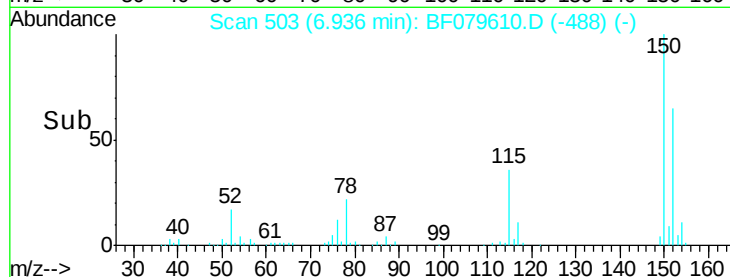
115 55.9 49.6 74.4



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: 115.38 ng

RT: 5.21 min Scan# 352

Delta R.T. -0.02 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

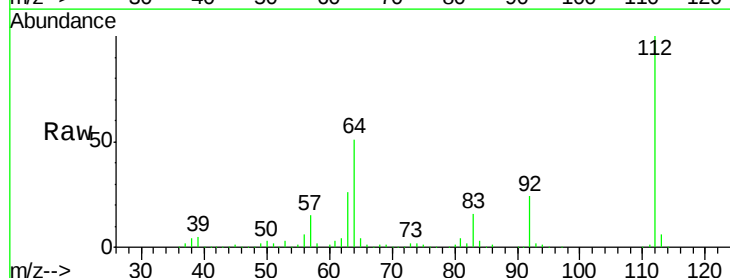
Tgt Ion:112 Resp: 444088

Ion Ratio Lower Upper

112 100

64 51.3 43.5 65.3

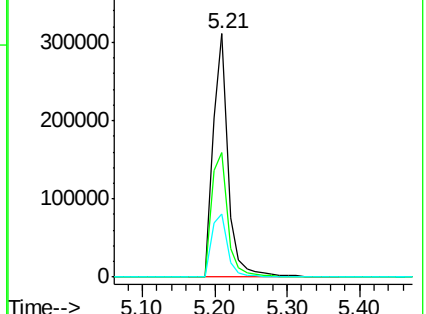
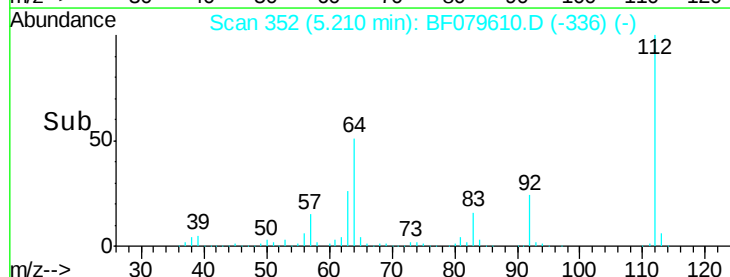
63 26.0 21.8 32.8

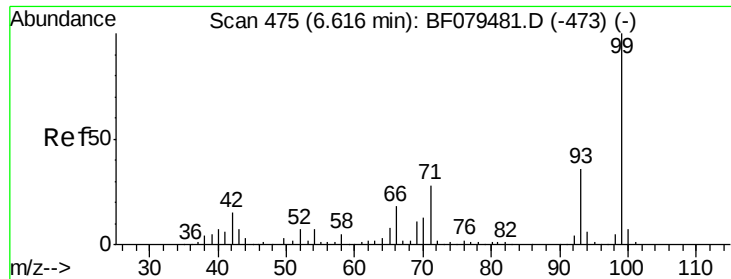


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.27 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

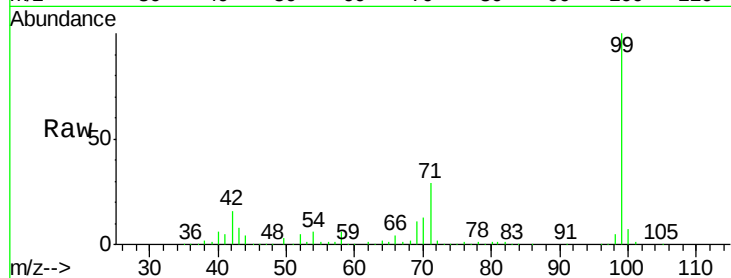
Tgt Ion: 99 Resp: 575309

Ion Ratio Lower Upper

99 100

42 15.5 11.9 17.9

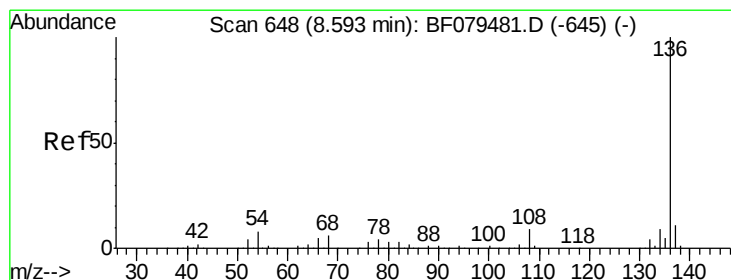
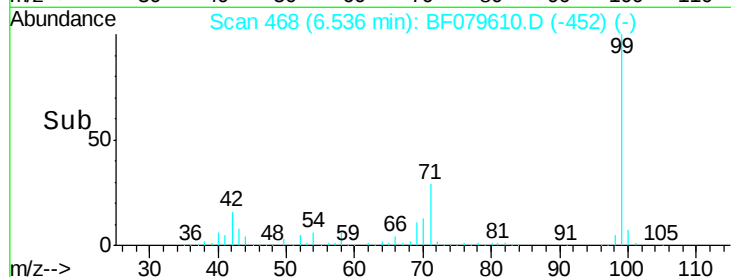
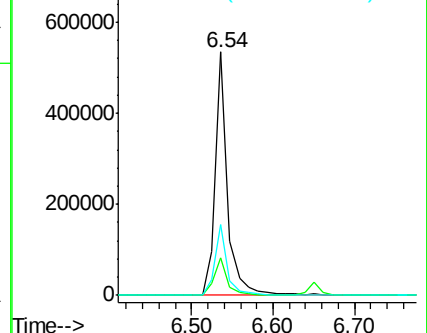
71 29.2 22.1 33.1



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: BF079610.D

Acq: 30 May 2015 18:43

Tgt Ion: 136 Resp: 268387

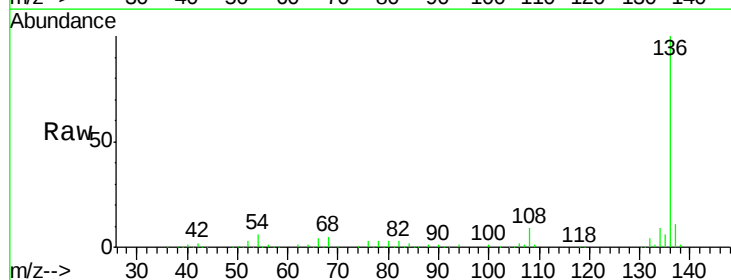
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.3 6.6 9.8#

68 5.2 4.7 7.1

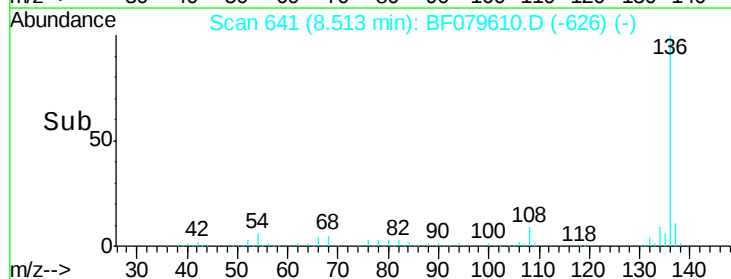
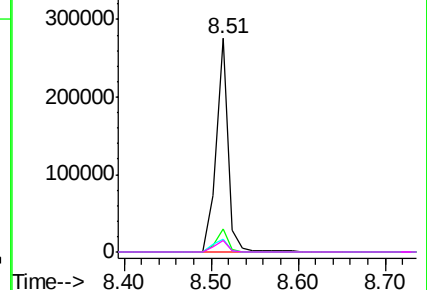


Abundance Ion 136.00 (135.70 to 136.70): E

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

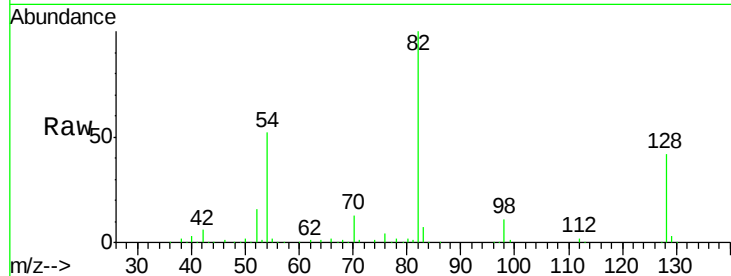




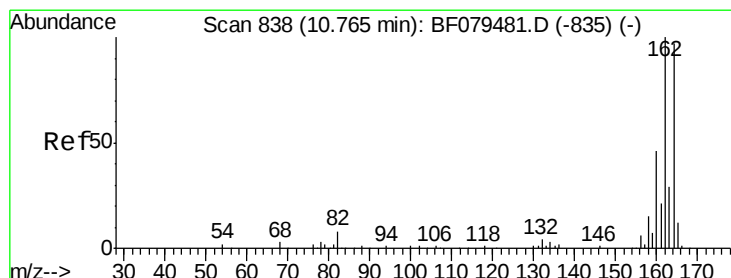
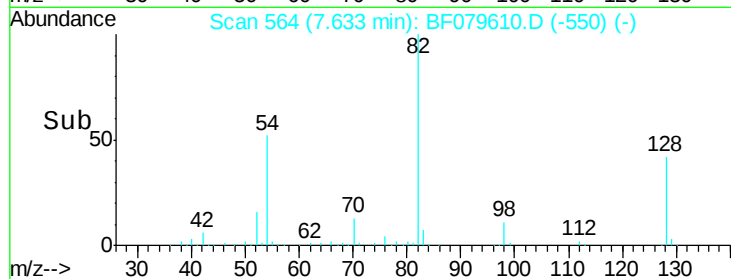
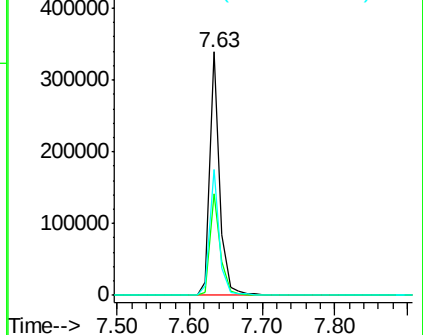
#23
 Nitrobenzene-d5
 Concen: 69.42 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

Tgt Ion: 82 Resp: 322322
 Ion Ratio Lower Upper
 82 100
 128 41.6 30.8 46.2
 54 51.6 42.8 64.2

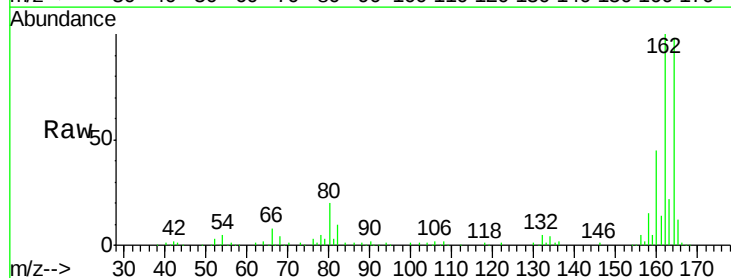


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

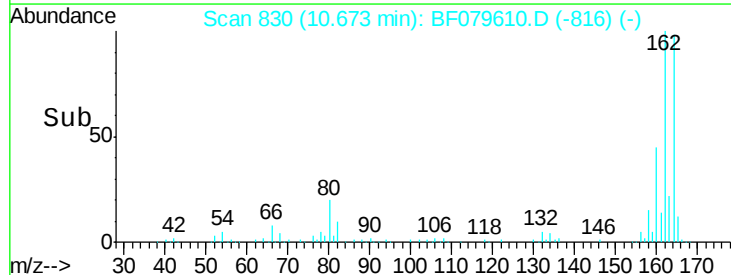
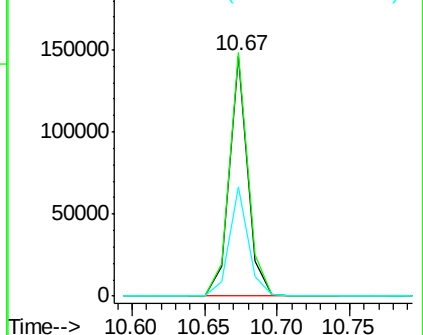


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Tgt Ion: 164 Resp: 128715
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 124.0
 160 45.6 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

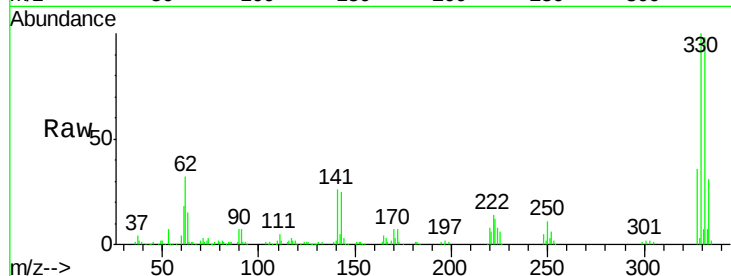




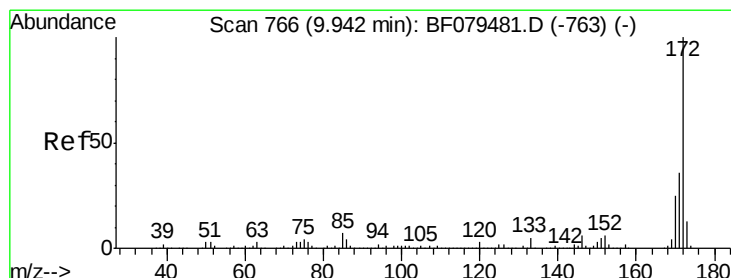
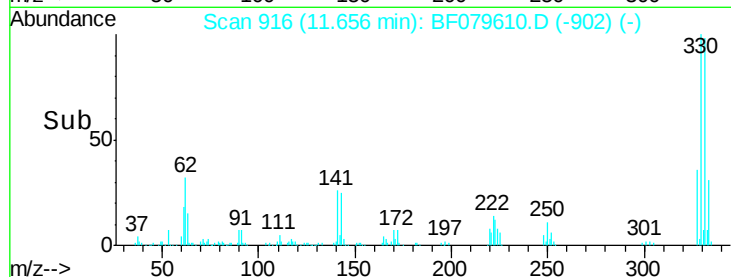
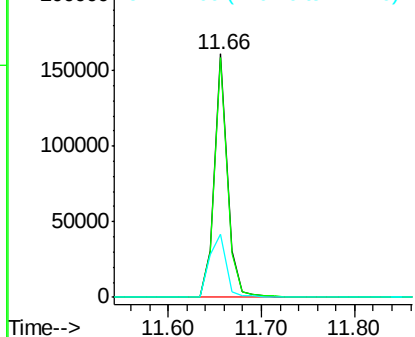
#41
 2,4,6-Tribromophenol
 Concen: 112.00 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.10(5)

Tgt Ion:330 Resp: 158342
 Ion Ratio Lower Upper
 330 100
 332 97.9 0.0 0.0#
 141 33.2 0.0 0.0#

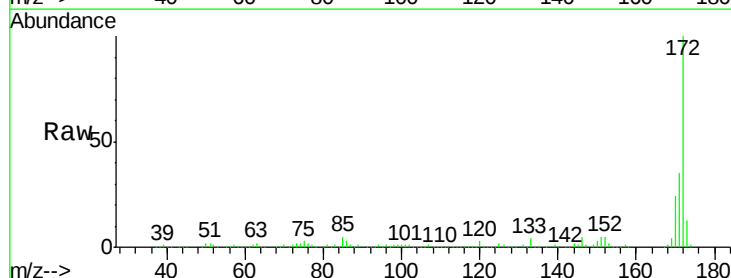


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

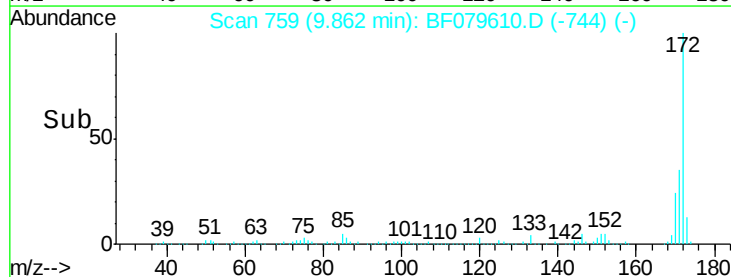
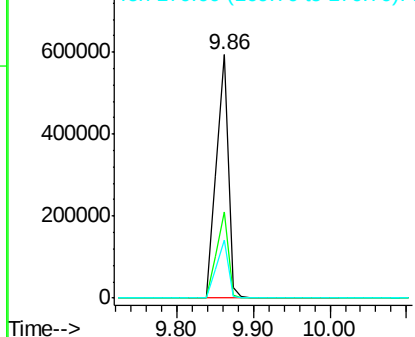


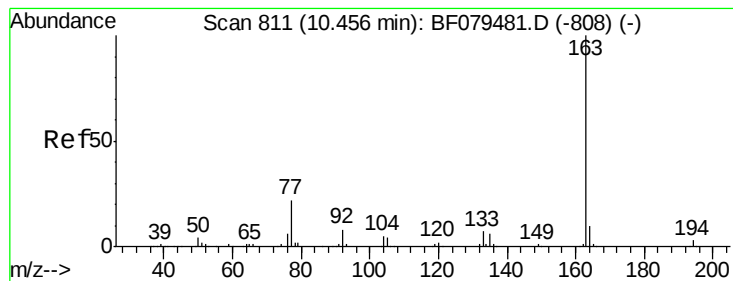
#44
 2-Fluorobiphenyl
 Concen: 70.85 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079610.D
 Acq: 30 May 2015 18:43

Tgt Ion:172 Resp: 639255
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.9 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: 6.11 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

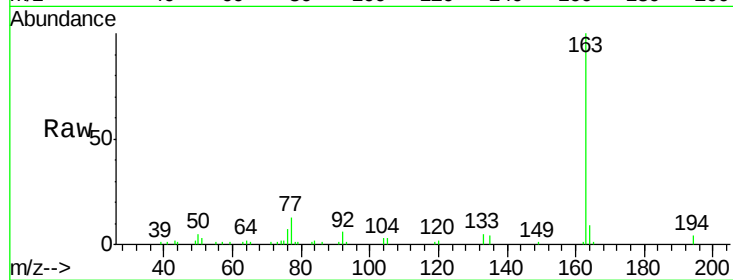
Tgt Ion:163 Resp: 57985

Ion Ratio Lower Upper

163 100

194 3.6 2.4 3.6

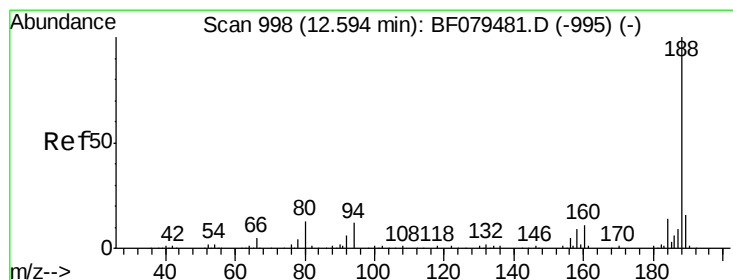
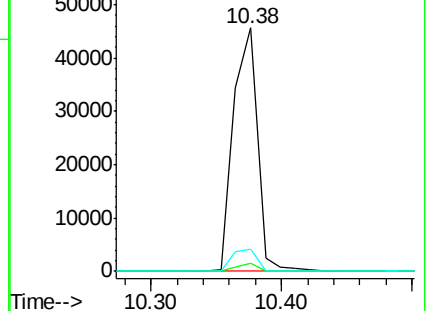
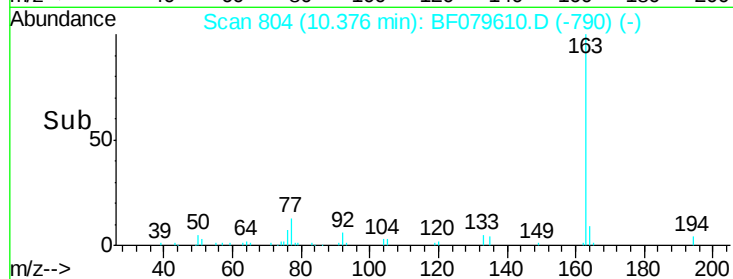
164 9.3 8.2 12.4



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: BF079610.D

Acq: 30 May 2015 18:43

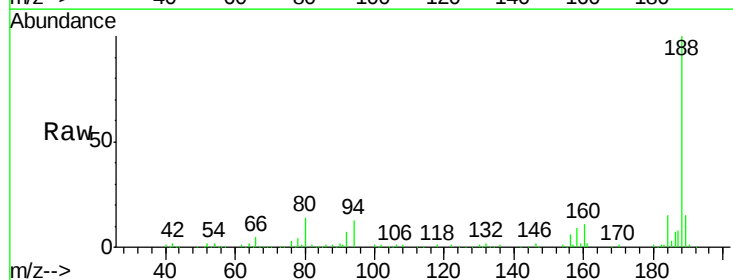
Tgt Ion:188 Resp: 231481

Ion Ratio Lower Upper

188 100

94 13.1 9.8 14.6

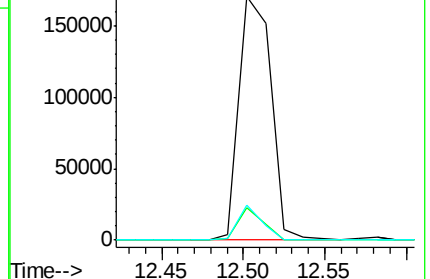
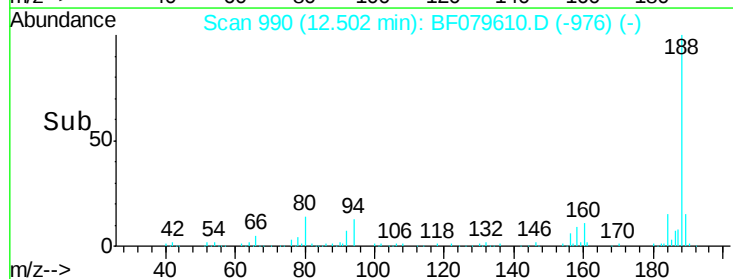
80 14.4 10.5 15.7

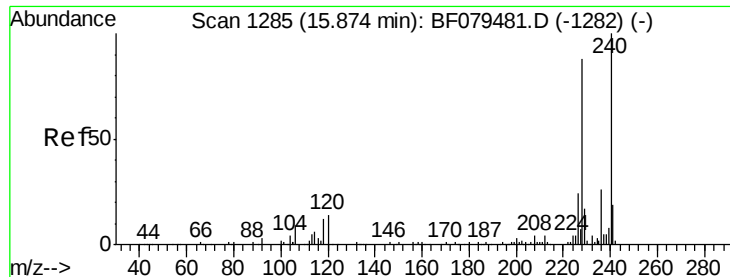


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

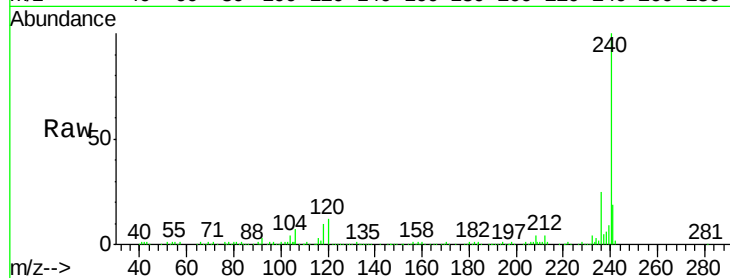
Tgt Ion:240 Resp: 253889

Ion Ratio Lower Upper

240 100

120 11.6 10.8 16.2

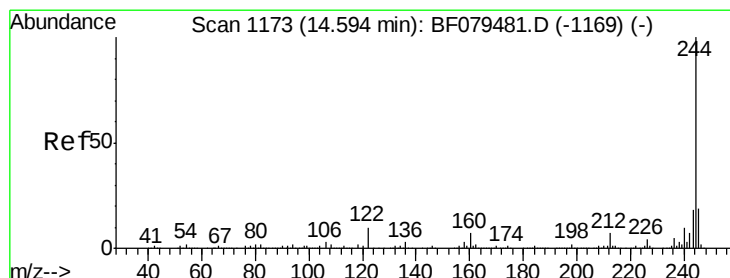
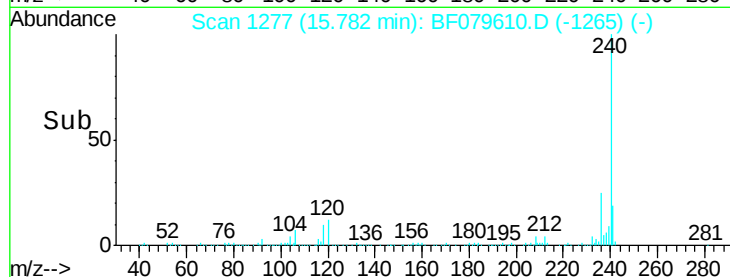
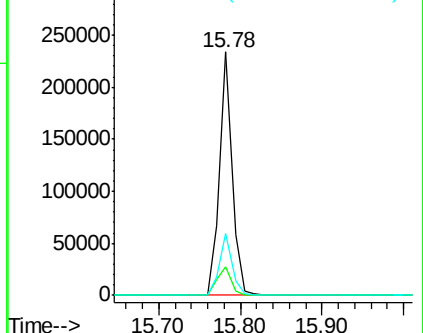
236 25.5 21.0 31.6



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: 63.86 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.03 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

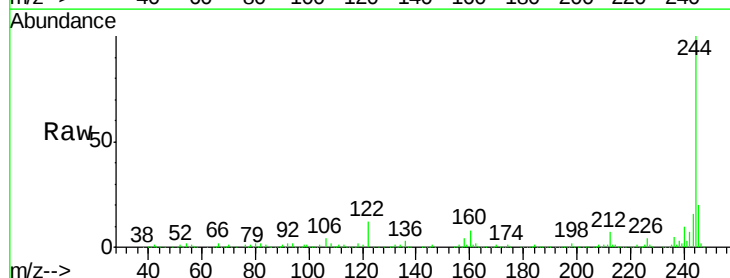
Tgt Ion:244 Resp: 690911

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

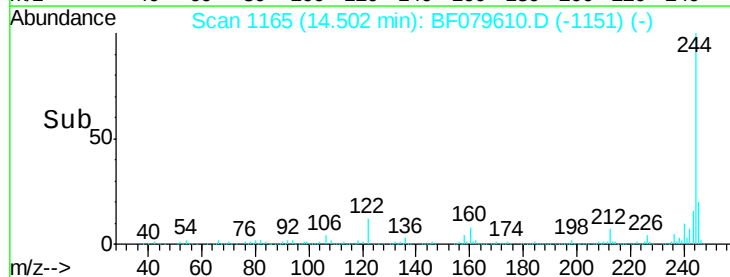
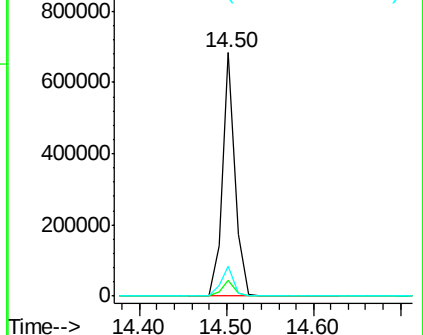
122 12.5 8.0 12.0#

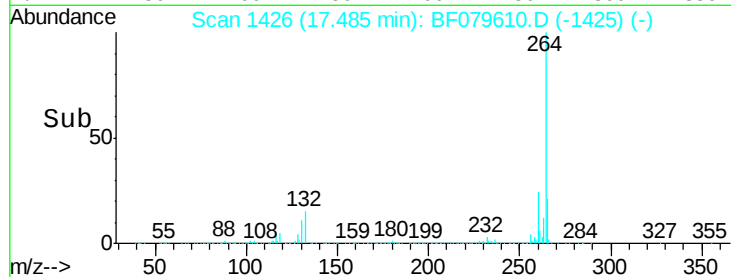
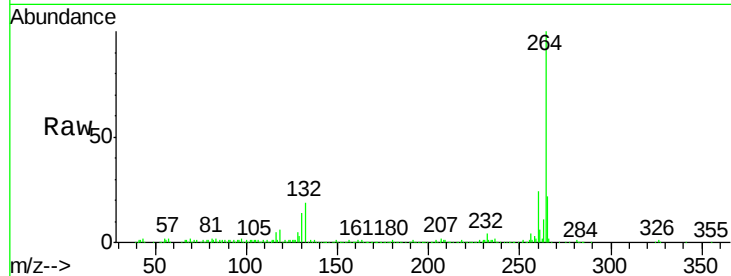
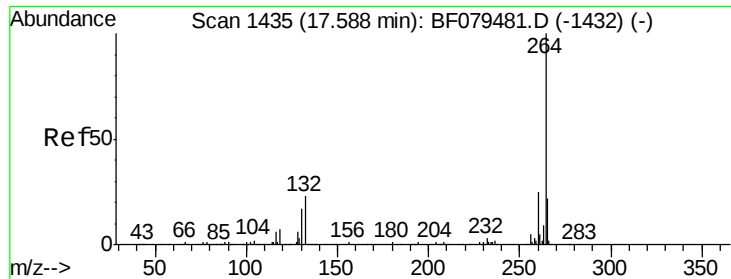


Abundance Ion 244.00 (243.70 to 244.70): E

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: 17.49 min Scan# 1426

Delta R.T. -0.18 min

Lab File: BF079610.D

Acq: 30 May 2015 18:43

Instrument :

BNA_F

ClientSampleId :

PENRD8.10(5)

Tgt Ion: 264 Resp: 258474

Ion Ratio Lower Upper

264 100

260 24.4 19.8 29.8

265 21.7 17.8 26.6

