

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079030.D
 Acq On : 8 May 2015 9:28
 Operator : TP/IZ
 Sample : G2077-08
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Quant Time: May 08 12:47:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	75653	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	314347	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	159667	20.00	ng	-0.03
63) Phenanthrene-d10	12.95	188	320637	20.00	ng	-0.02
75) Chrysene-d12	16.27	240	347479	20.00	ng	-0.02
86) Perylene-d12	18.11	264	359245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	182704	41.57	ng	-0.02
7) Phenol-d6	6.90	99	160189	27.57	ng	-0.02
23) Nitrobenzene-d5	8.03	82	343173	62.74	ng	-0.03
41) 2,4,6-Tribromophenol	12.08	330	185203	107.22	ng	-0.03
44) 2-Fluorobiphenyl	10.26	172	677420	59.11	ng	-0.03
78) Terphenyl-d14	14.95	244	876802	60.41	ng	-0.02

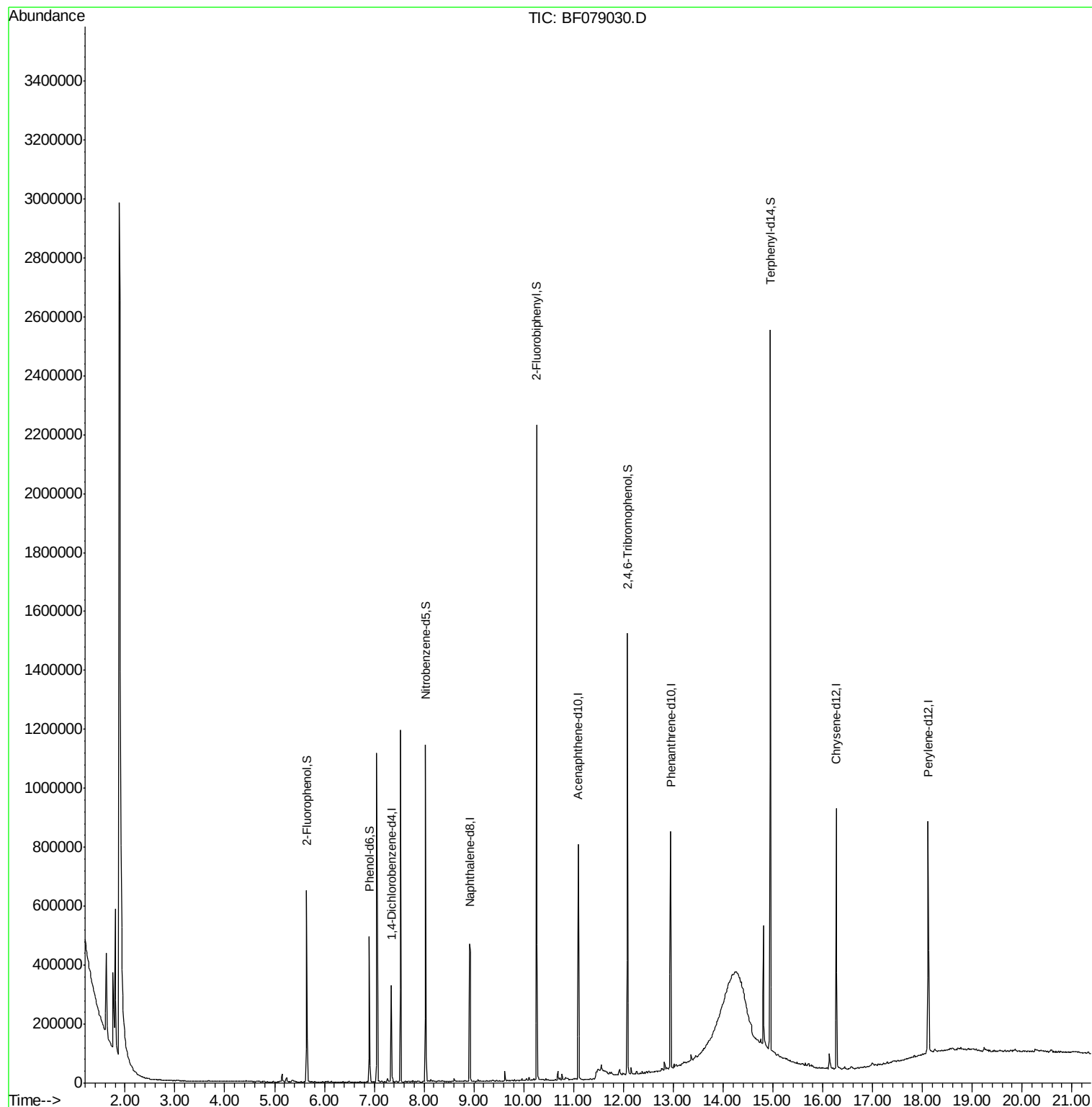
Target Compounds Qvalue

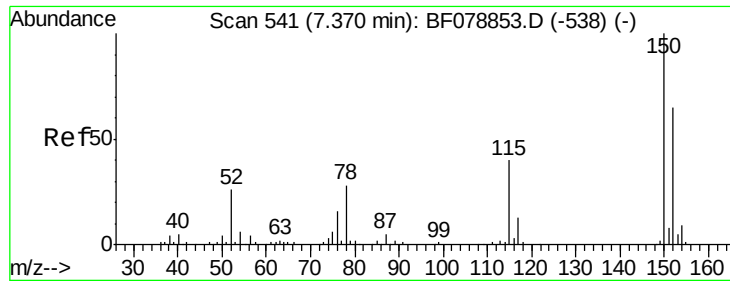
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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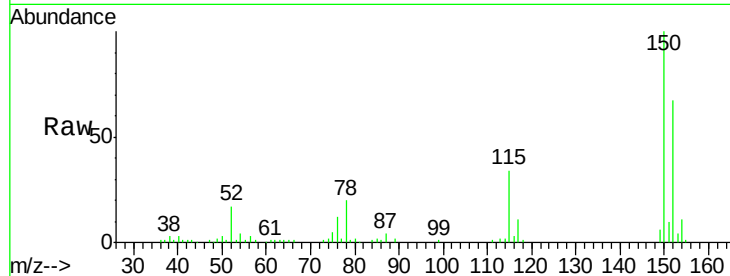


#1

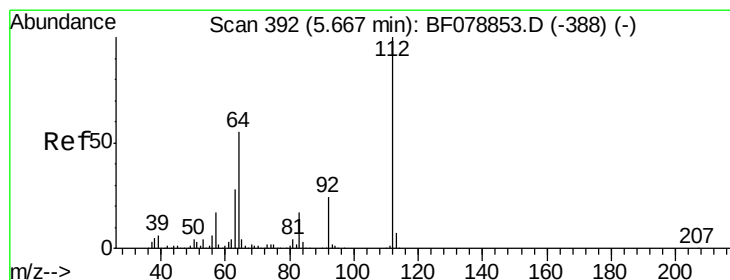
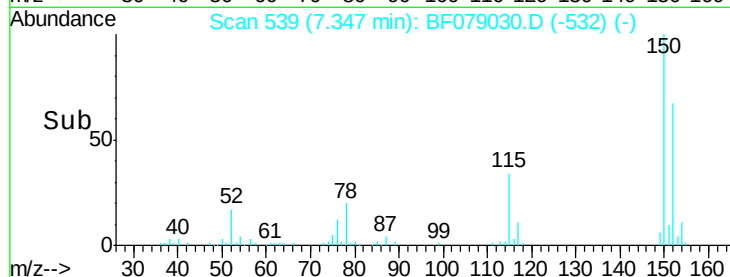
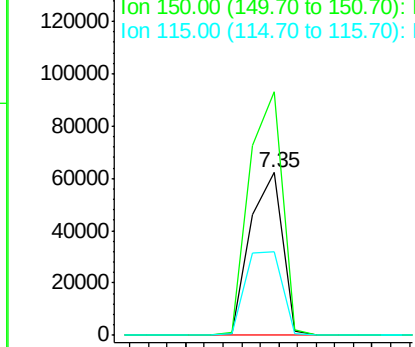
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079030.D
Acq: 8 May 2015 9:28

Instrument :
BNA_F
ClientSampleId :
W-22

Tot Ion:152 Resp: 75653
Ion Ratio Lower Upper
152 100
150 149.7 122.0 183.0
115 51.2 46.3 69.5



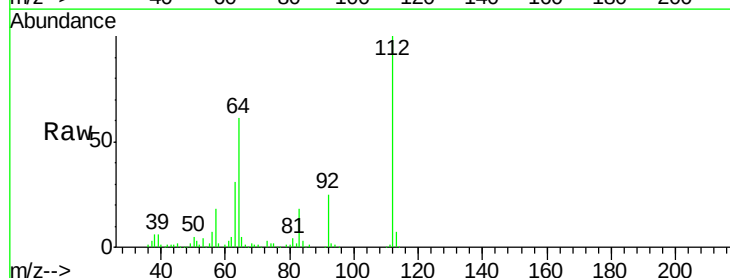
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



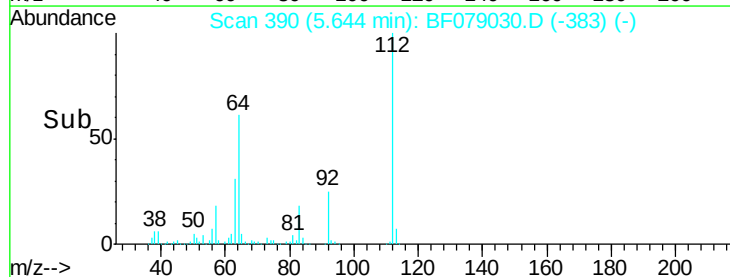
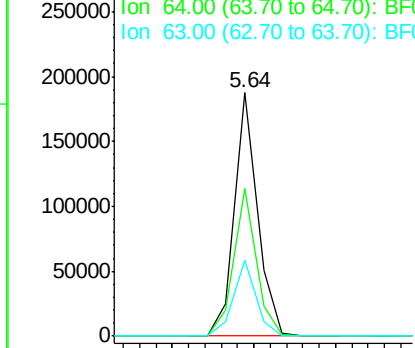
#5

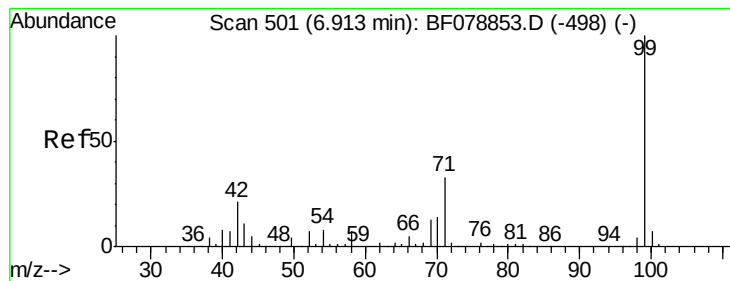
2-Fluorophenol
Concen: 41.57 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF079030.D
Acq: 8 May 2015 9:28

Tgt Ion:112 Resp: 182704
Ion Ratio Lower Upper
112 100
64 60.8 53.5 80.3
63 31.1 27.5 41.3



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: 27.57 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

Instrument :

BNA_F

ClientSampled :

W-22

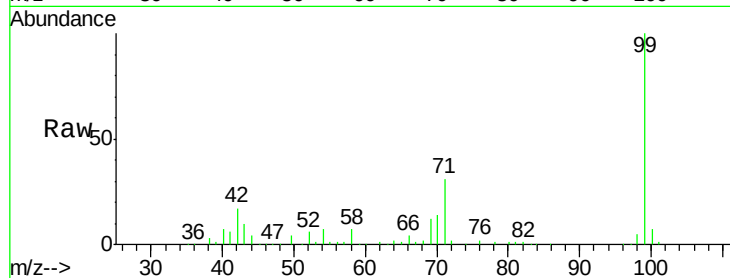
Tot Ion: 99 Resp: 160189

Ion Ratio Lower Upper

99 100

42 17.1 12.8 19.2

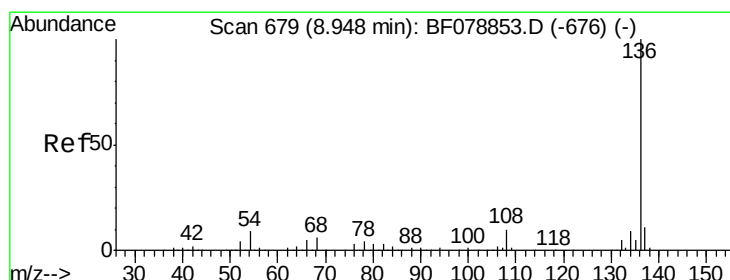
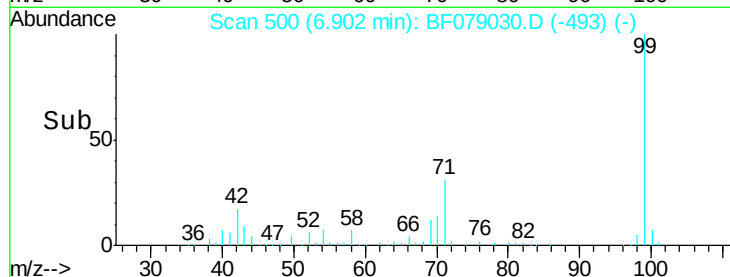
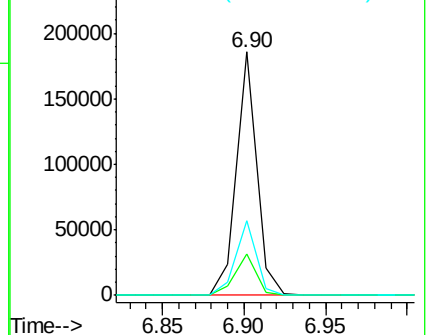
71 30.6 23.4 35.2



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: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

Tgt Ion: 136 Resp: 314347

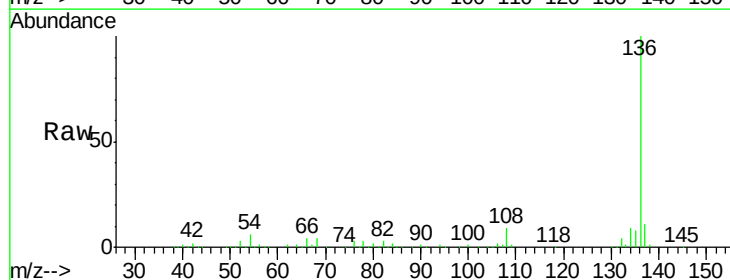
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.1 5.8 8.8

68 4.4 4.2 6.4

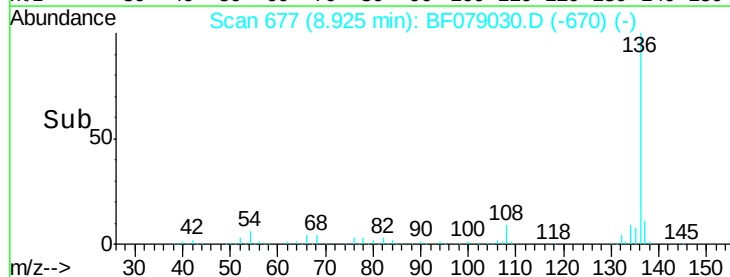
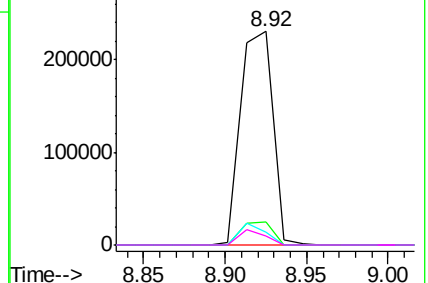


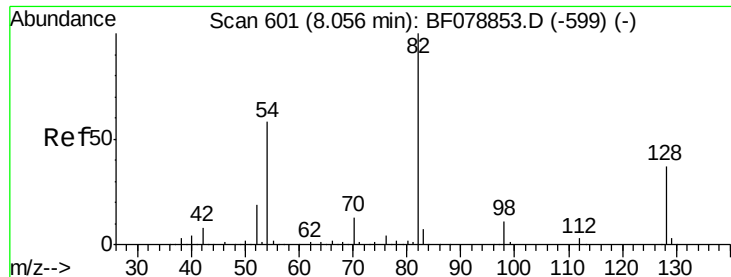
Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.74 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

Instrument :

BNA_F

ClientSampled :

W-22

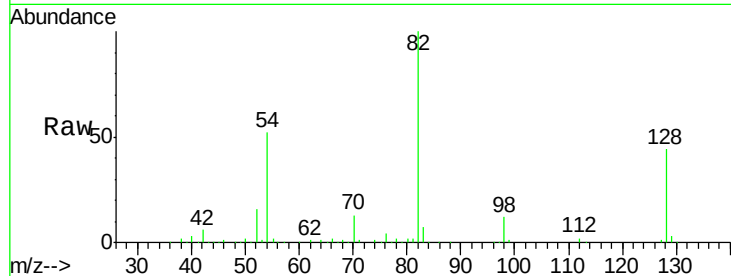
Tot Ion: 82 Resp: 343173

Ion Ratio Lower Upper

82 100

128 43.9 30.0 45.0

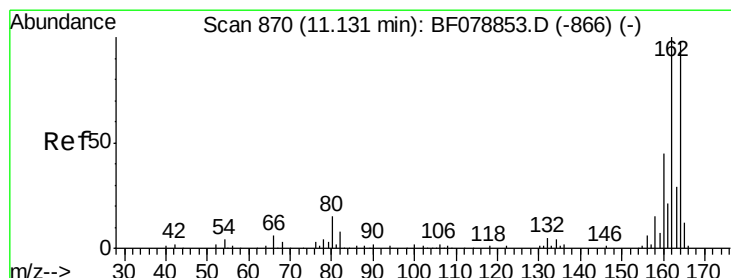
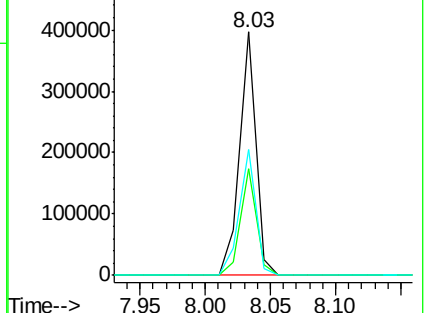
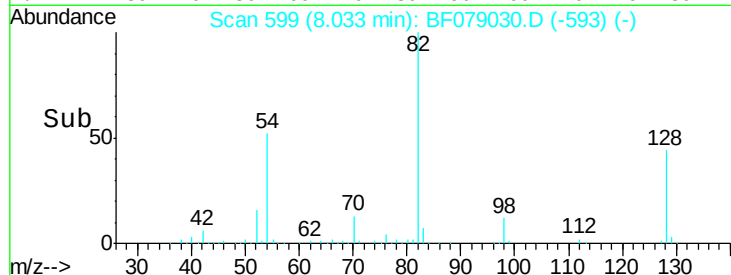
54 51.9 46.4 69.6



Abundance Ion 82.00 (81.70 to 82.70): BF079030.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BF079030.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BF079030.D (-599) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

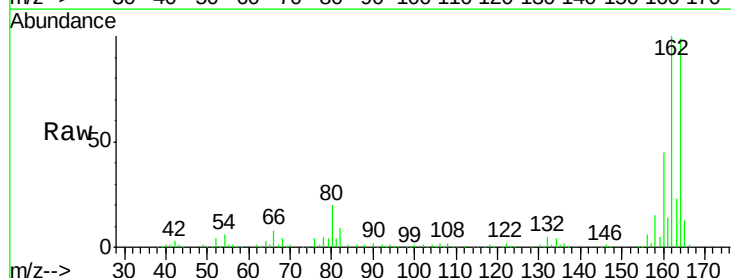
Tgt Ion:164 Resp: 159667

Ion Ratio Lower Upper

164 100

162 101.1 82.7 124.1

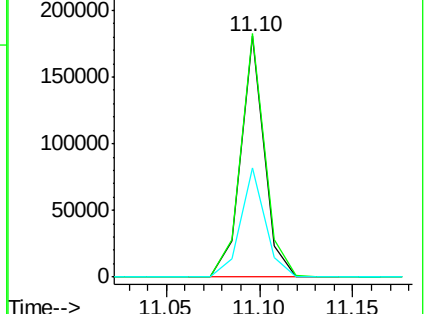
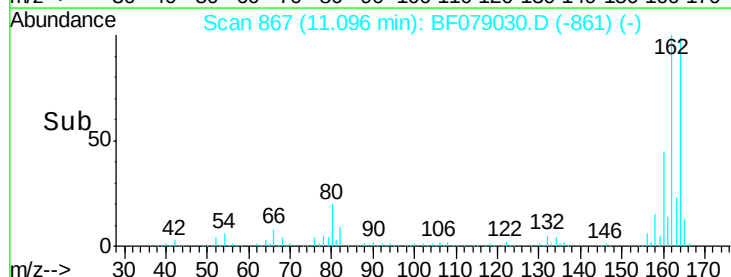
160 45.1 35.8 53.8

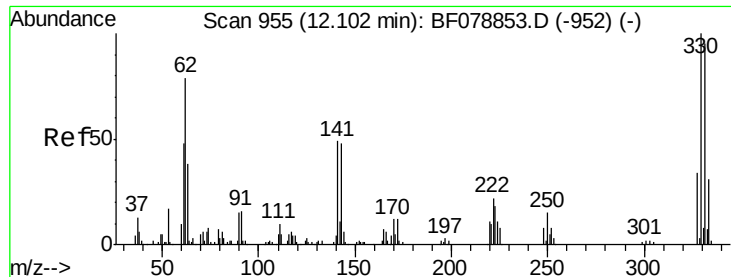


Abundance Ion 164.00 (163.70 to 164.70): BF079030.D (-861) (-)

Ion 162.00 (161.70 to 162.70): BF079030.D (-861) (-)

Ion 160.00 (159.70 to 160.70): BF079030.D (-861) (-)

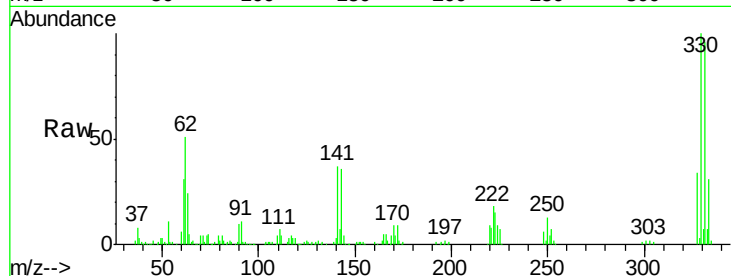




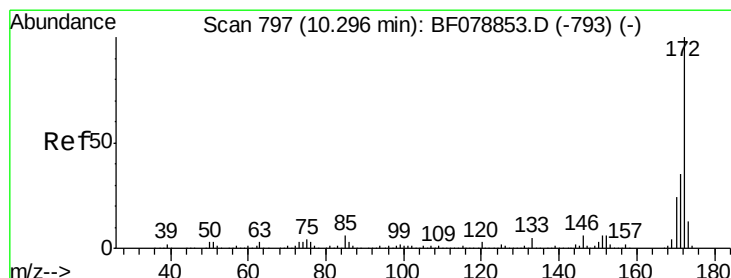
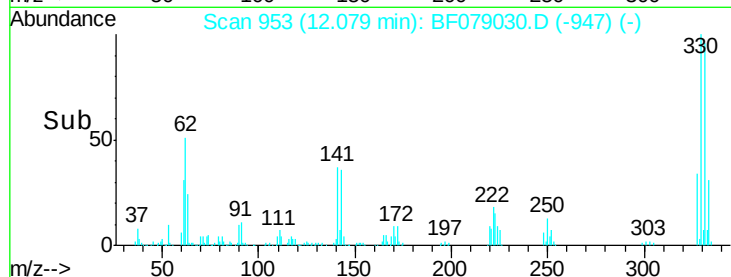
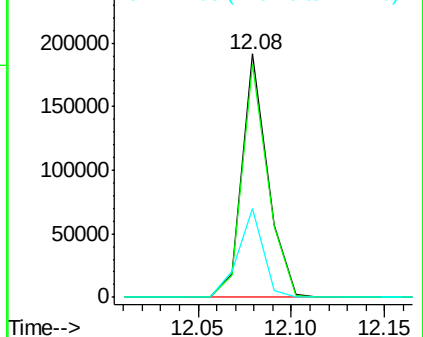
#41
 2,4,6-Tribromophenol
 Concen: 107.22 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF079030.D
 Acq: 8 May 2015 9:28

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion:330 Resp: 185203
 Ion Ratio Lower Upper
 330 100
 332 96.1 0.0 0.0#
 141 36.1 0.0 0.0#

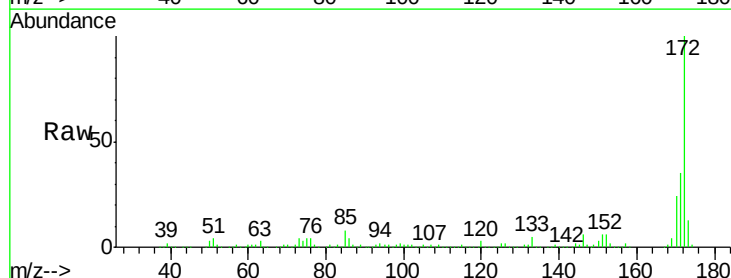


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

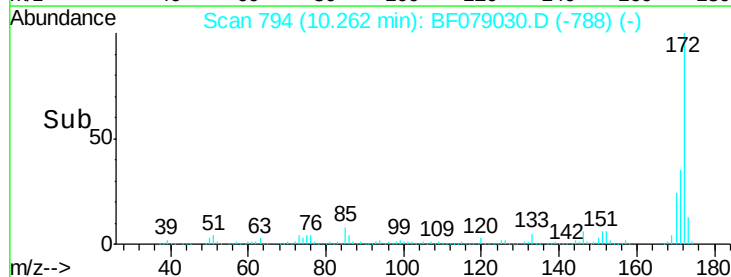
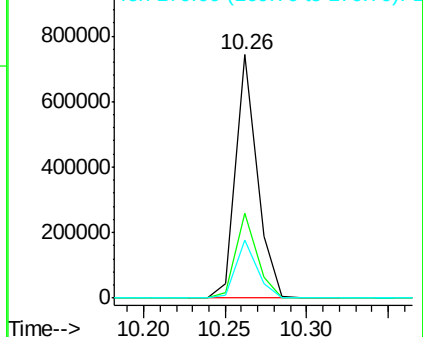


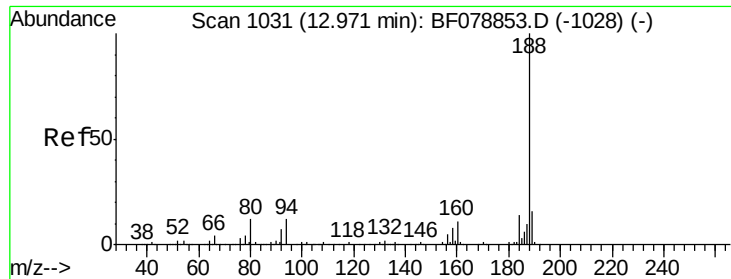
#44
 2-Fluorobiphenyl
 Concen: 59.11 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF079030.D
 Acq: 8 May 2015 9:28

Tgt Ion:172 Resp: 677420
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.9 41.9
 170 24.1 19.4 29.0



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

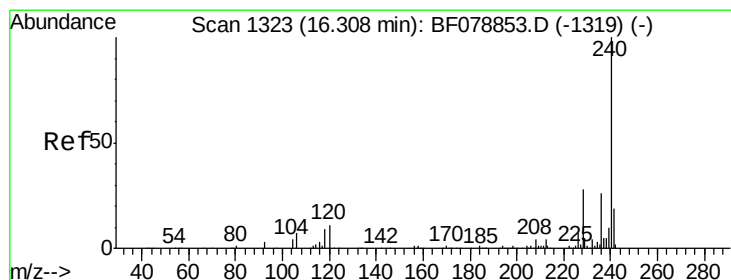
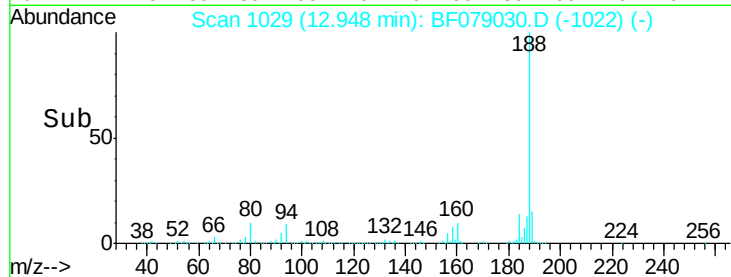
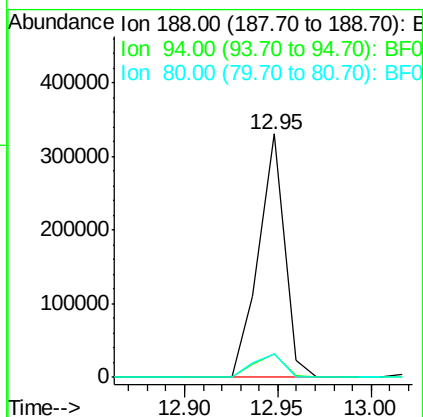
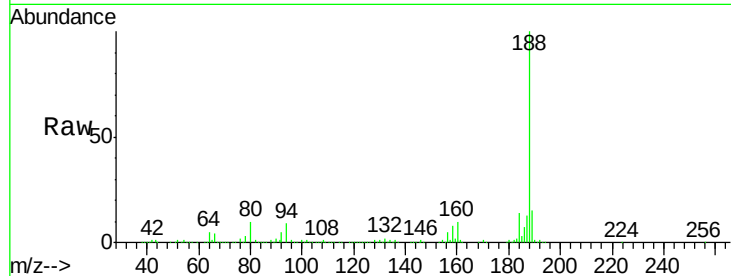




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF079030.D
Acq: 8 May 2015 9:28

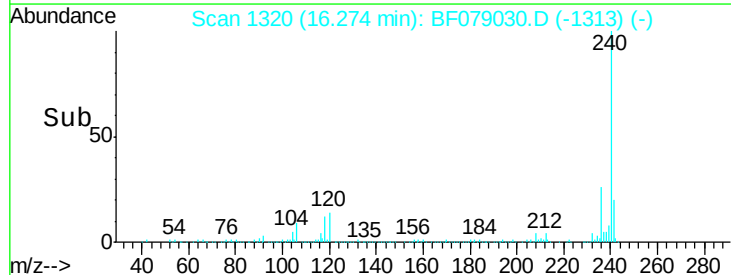
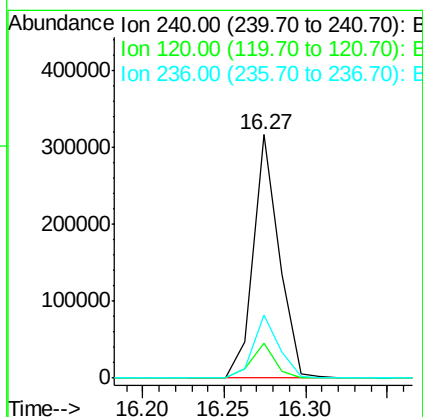
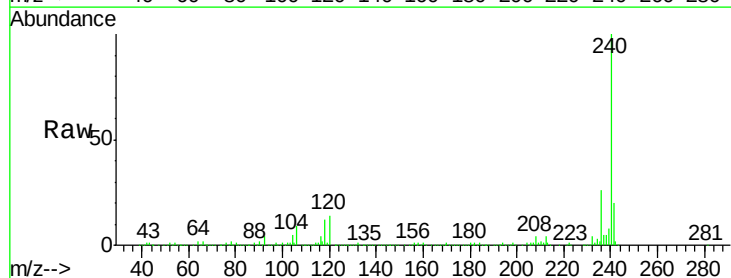
Instrument :
BNA_F
ClientSampleId :
W-22

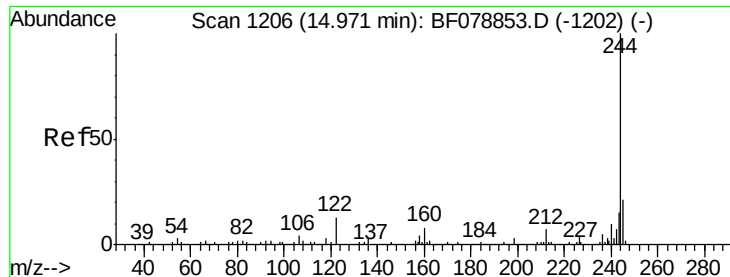
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.2	12.2
80	9.5	8.9	13.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.27 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BF079030.D
Acq: 8 May 2015 9:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.7	14.5
236	25.7	20.2	30.4





#78

Terphenyl-d14

Concen: 60.41 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

Instrument :

BNA_F

ClientSampleId :

W-22

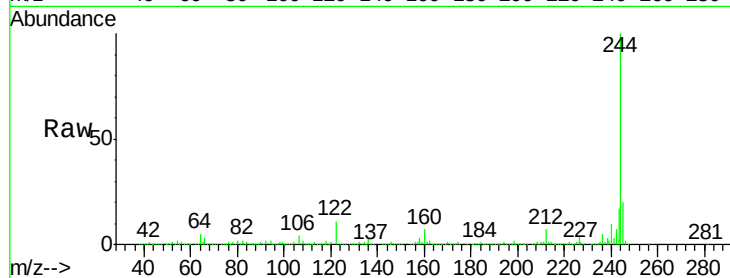
Tot Ion:244 Resp: 876802

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

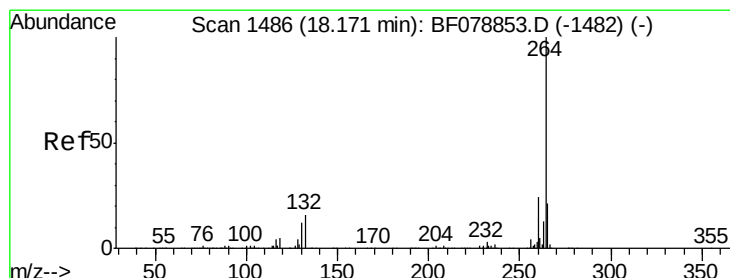
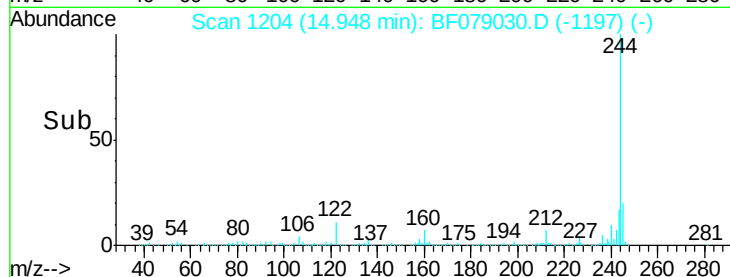
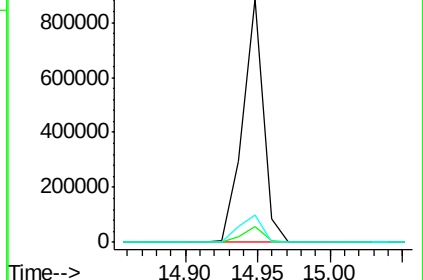
122 11.2 10.3 15.5



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: 18.11 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BF079030.D

Acq: 8 May 2015 9:28

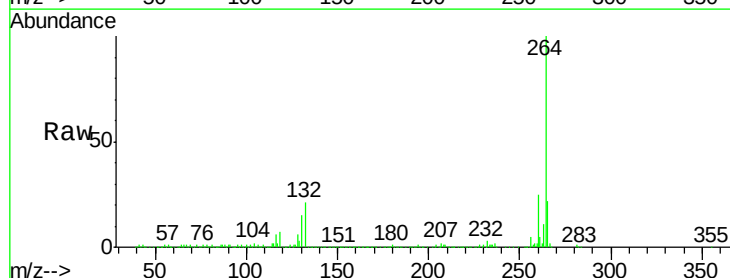
Tgt Ion:264 Resp: 359245

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.8 18.3 27.5



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

