

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079029.D
 Acq On : 8 May 2015 8:59
 Operator : TP/IZ
 Sample : G2077-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Quant Time: May 08 12:47:05 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	74479	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	313524	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	159302	20.00	ng	-0.03
63) Phenanthrene-d10	12.95	188	310548	20.00	ng	-0.02
75) Chrysene-d12	16.24	240	334424	20.00	ng	-0.06
86) Perylene-d12	17.99	264	347983	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	248794	57.50	ng	-0.02
7) Phenol-d6	6.90	99	205293	35.90	ng	-0.02
23) Nitrobenzene-d5	8.03	82	444222	81.43	ng	-0.03
41) 2,4,6-Tribromophenol	12.08	330	226157	131.23	ng	-0.03
44) 2-Fluorobiphenyl	10.26	172	828409	72.45	ng	-0.03
78) Terphenyl-d14	14.95	244	932090	66.73	ng	-0.02

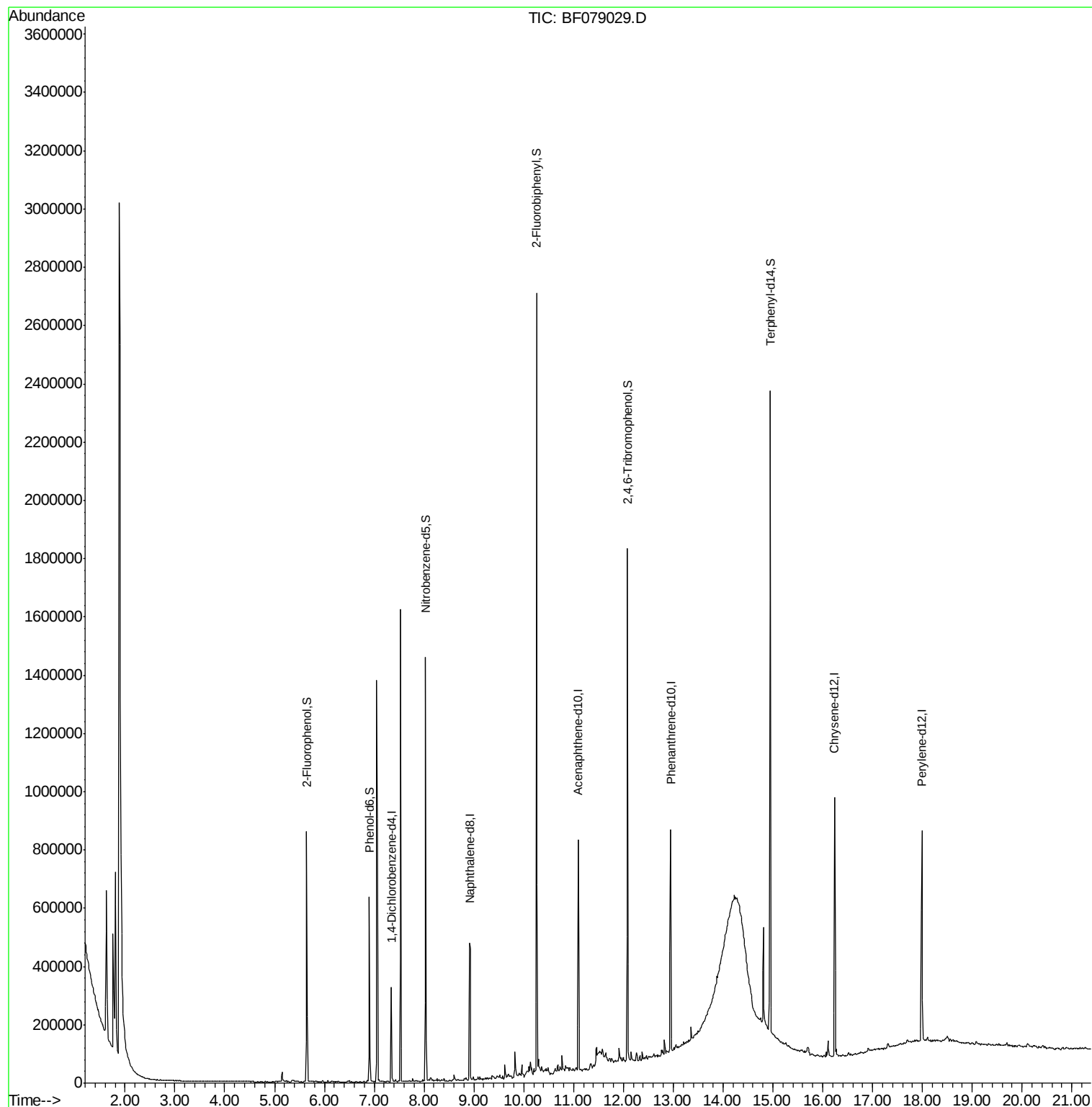
Target Compounds Qvalue

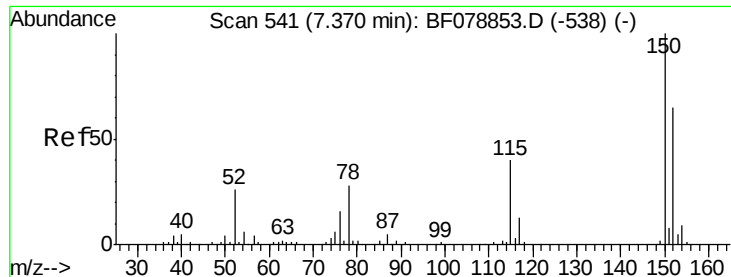
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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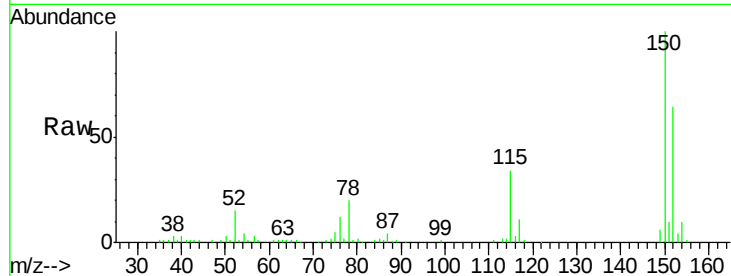


#1

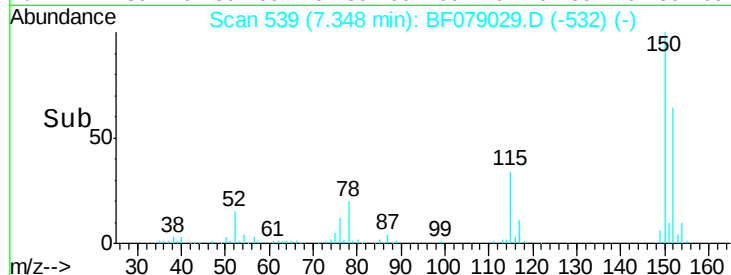
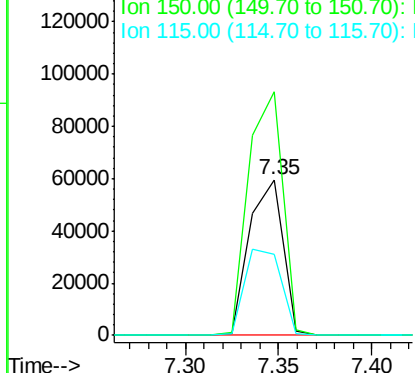
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079029.D
Acq: 8 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
W-21

Tot Ion:152 Resp: 74479
Ion Ratio Lower Upper
152 100
150 156.3 122.0 183.0
115 52.4 46.3 69.5



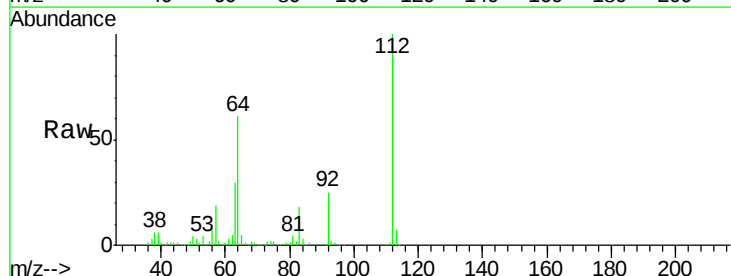
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



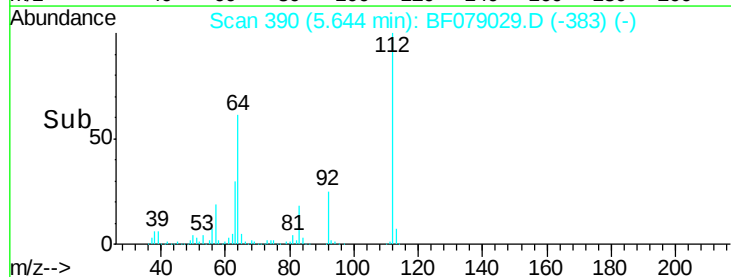
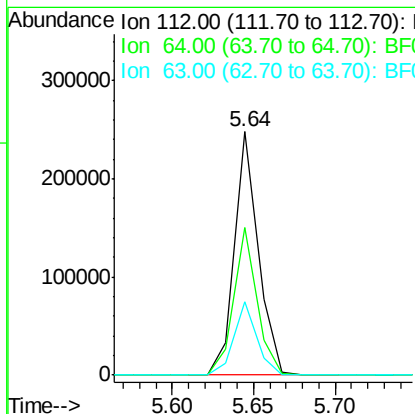
#5

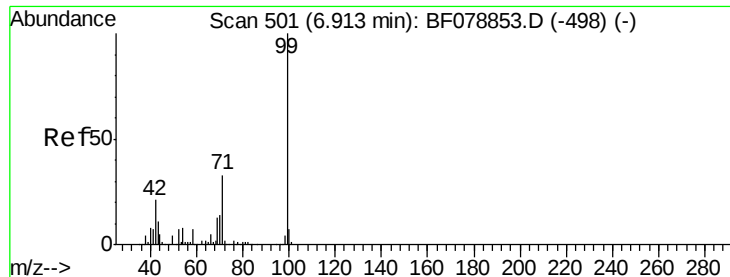
2-Fluorophenol
Concen: 57.50 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF079029.D
Acq: 8 May 2015 8:59

Tgt Ion:112 Resp: 248794
Ion Ratio Lower Upper
112 100
64 60.9 53.5 80.3
63 30.0 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: 35.90 ng

RT: 6.90 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF079029.D

Acq: 8 May 2015 8:59

Instrument :

BNA_F

ClientSampleId :

W-21

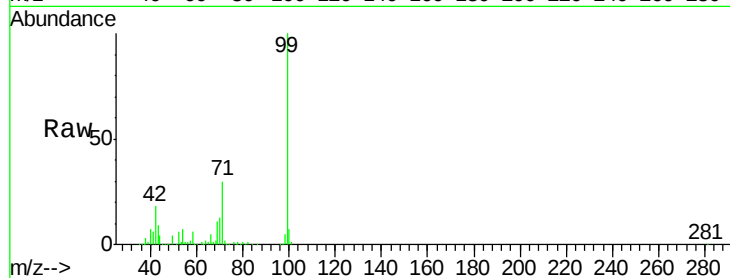
Tot Ion: 99 Resp: 205293

Ion Ratio Lower Upper

99 100

42 18.2 12.8 19.2

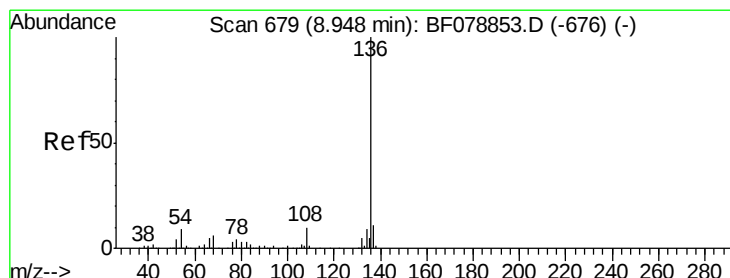
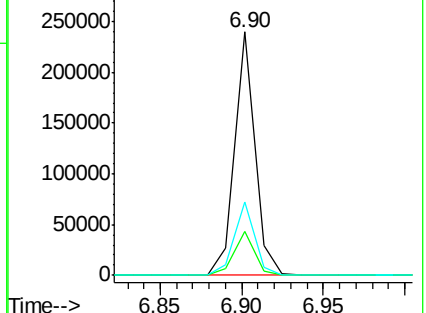
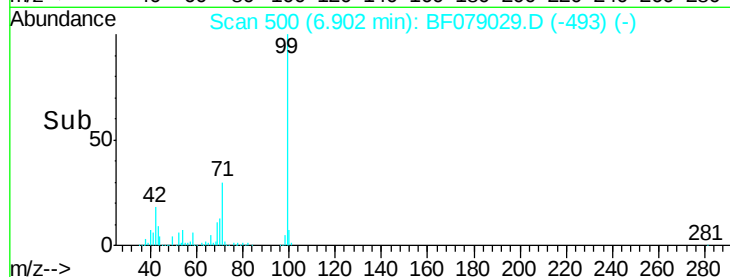
71 29.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF078853.D (-498) (-)

Ion 42.00 (41.70 to 42.70): BF078853.D (-498) (-)

Ion 71.00 (70.70 to 71.70): BF078853.D (-498) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.92 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF079029.D

Acq: 8 May 2015 8:59

Tgt Ion: 136 Resp: 313524

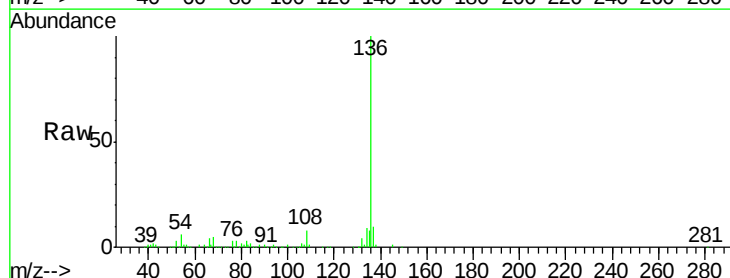
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.0 5.8 8.8

68 4.9 4.2 6.4

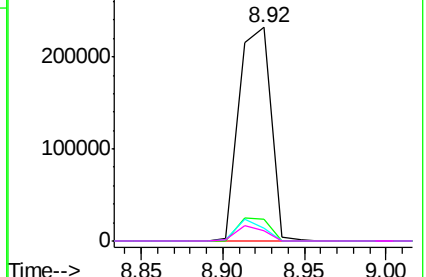
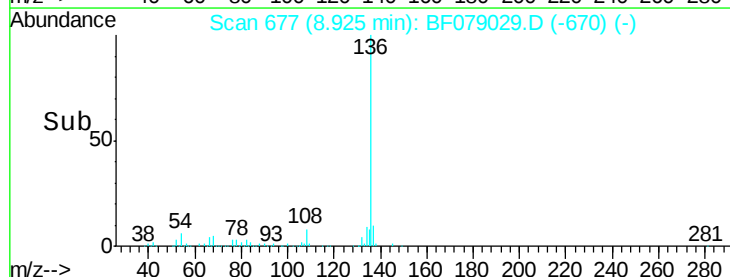


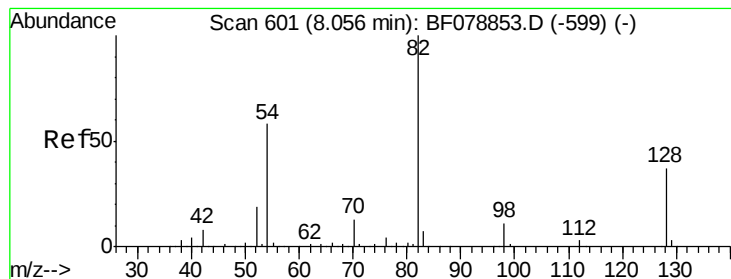
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

Ion 137.00 (136.70 to 137.70): BF078853.D (-676) (-)

Ion 54.00 (53.70 to 54.70): BF078853.D (-676) (-)

Ion 68.00 (67.70 to 68.70): BF078853.D (-676) (-)





#23

Nitrobenzene-d5

Concen: 81.43 ng

RT: 8.03 min Scan# 599

Delta R.T. -0.03 min

Lab File: BF079029.D

Acq: 8 May 2015 8:59

Instrument :

BNA_F

ClientSampleId :

W-21

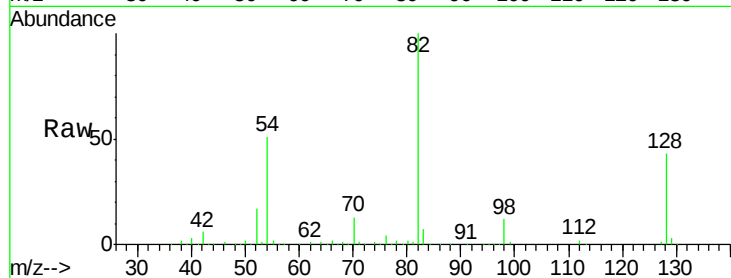
Tot Ion: 82 Resp: 444222

Ion Ratio Lower Upper

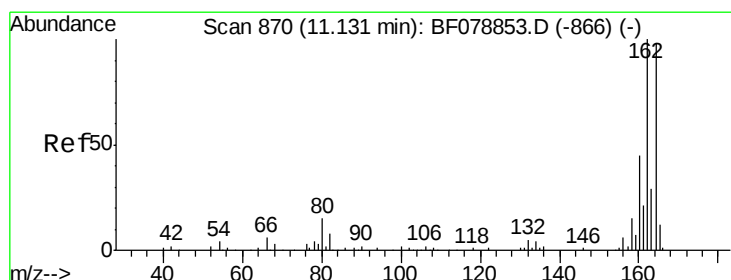
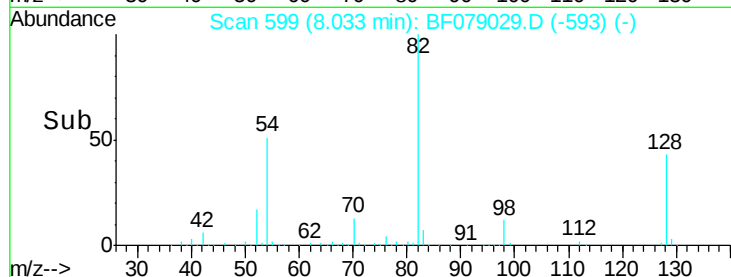
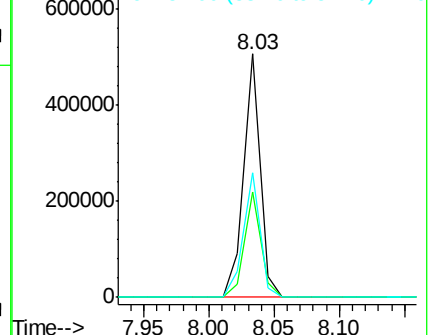
82 100

128 43.2 30.0 45.0

54 51.3 46.4 69.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. -0.03 min

Lab File: BF079029.D

Acq: 8 May 2015 8:59

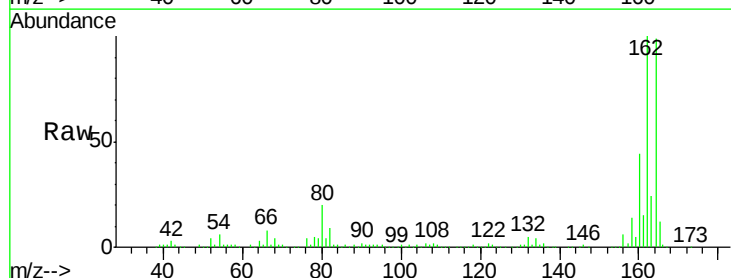
Tgt Ion:164 Resp: 159302

Ion Ratio Lower Upper

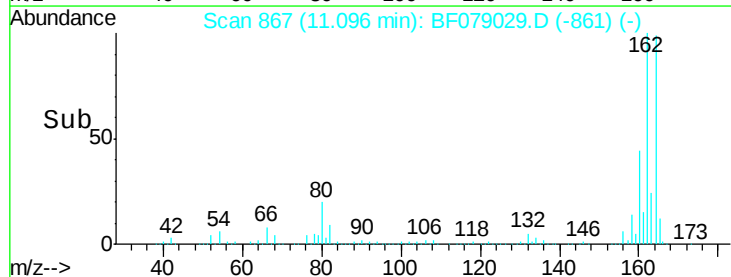
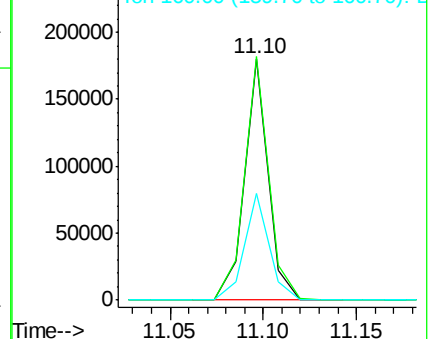
164 100

162 100.9 82.7 124.1

160 44.1 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

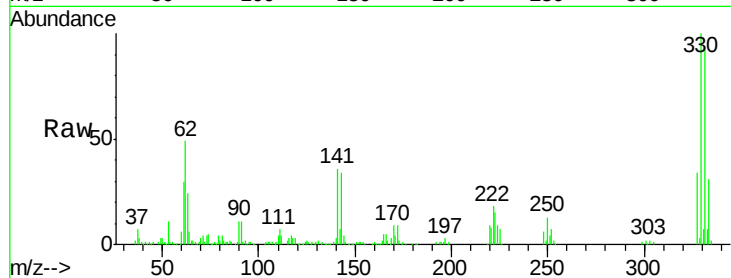




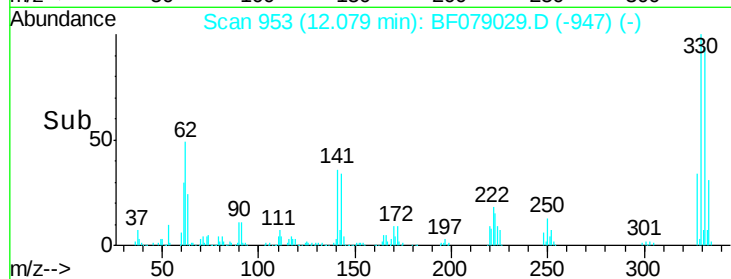
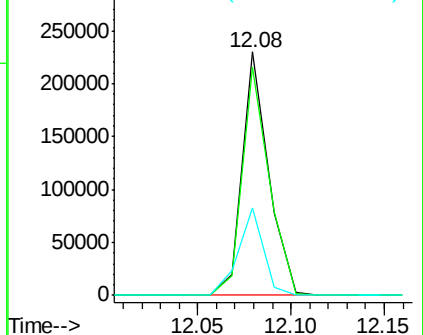
#41
 2,4,6-Tribromophenol
 Concen: 131.23 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF079029.D
 Acq: 8 May 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 W-21

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	0.0	0.0#
141	34.9	0.0	0.0#

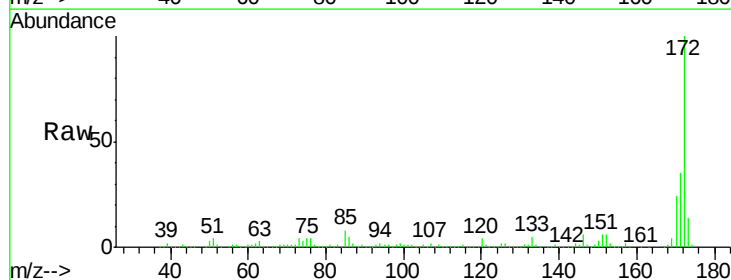


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

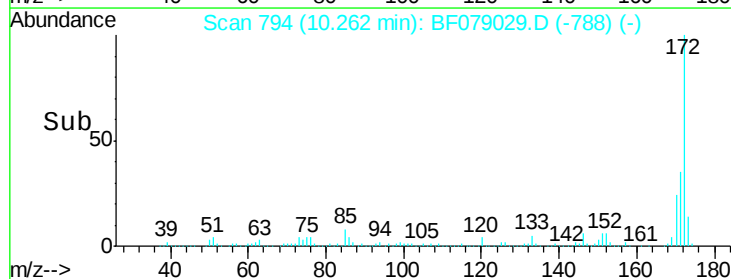
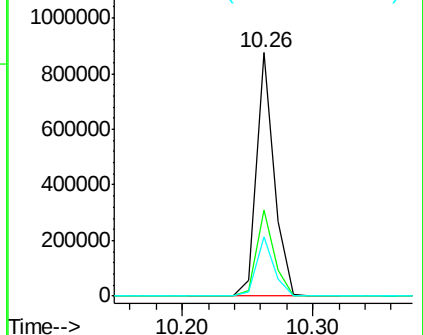


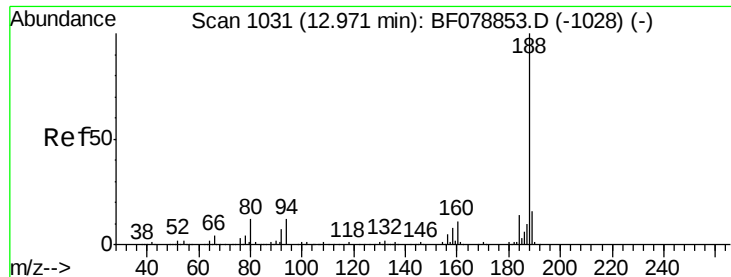
#44
 2-Fluorobiphenyl
 Concen: 72.45 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF079029.D
 Acq: 8 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.9	41.9
170	24.3	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

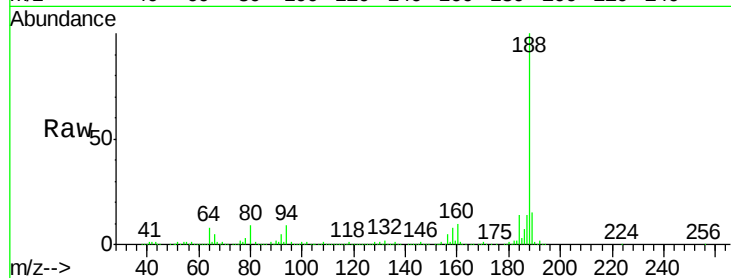




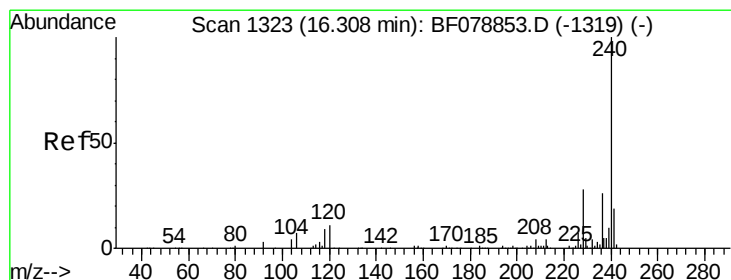
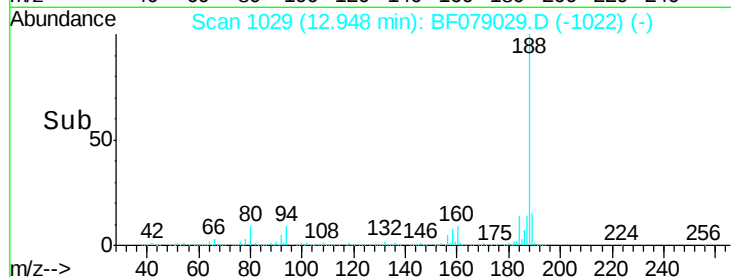
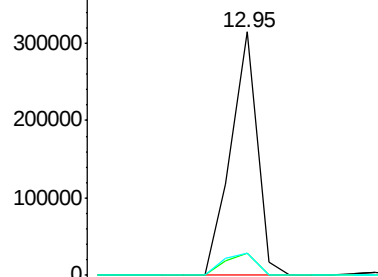
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF079029.D
Acq: 8 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
W-21

Tot Ion:188 Resp: 310548
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.2
80 9.2 8.9 13.3

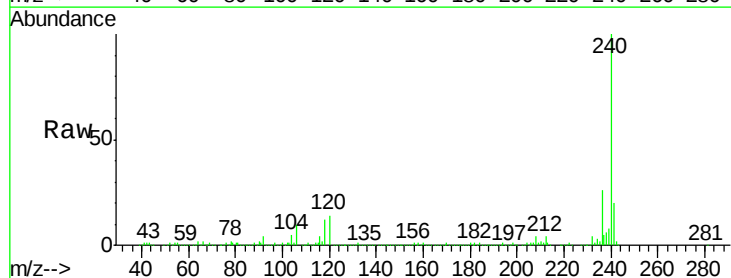


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

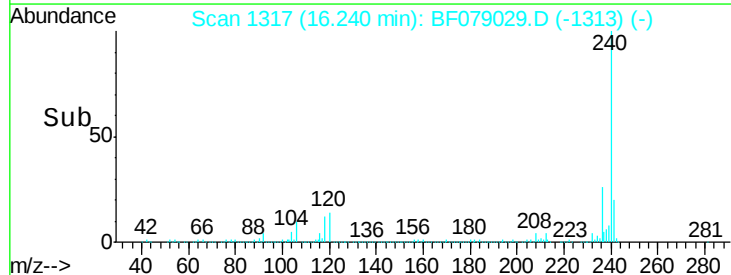
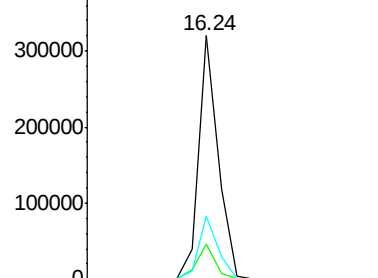


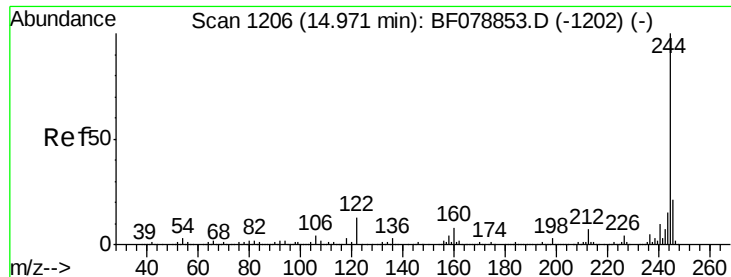
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF079029.D
Acq: 8 May 2015 8:59

Tgt Ion:240 Resp: 334424
Ion Ratio Lower Upper
240 100
120 14.4 9.7 14.5
236 25.7 20.2 30.4



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

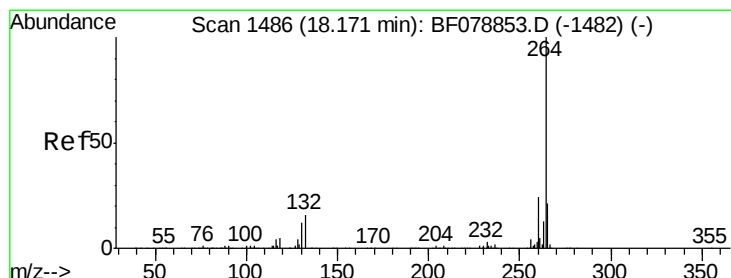
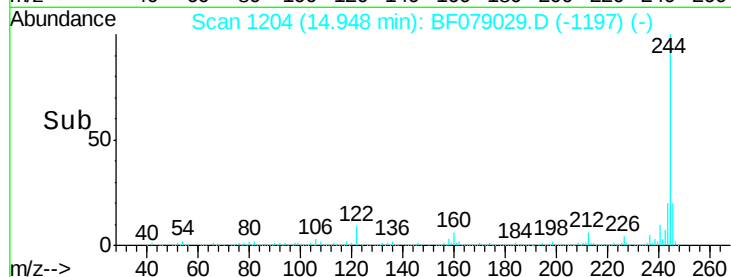
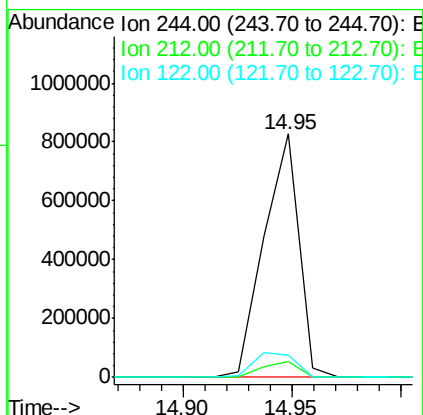
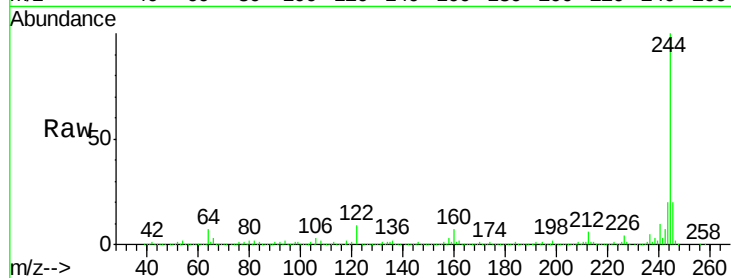




#78
 Terphenyl-d14
 Concen: 66.73 ng
 RT: 14.95 min Scan# 1204
 Delta R.T. -0.02 min
 Lab File: BF079029.D
 Acq: 8 May 2015 8:59

Instrument :
 BNA_F
 ClientSampled :
 W-21

Tot Ion:244 Resp: 932090
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 9.2 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.99 min Scan# 1470
 Delta R.T. -0.13 min
 Lab File: BF079029.D
 Acq: 8 May 2015 8:59

Tgt Ion:264 Resp: 347983
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.4 18.3 27.5

