

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079005.D
 Acq On : 7 May 2015 19:38
 Operator : TP/IZ
 Sample : G2087-03 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2-0-2

Quant Time: May 08 01:07:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 00:46:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.34	152	59685	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	249477	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	126246	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	250076	20.00	ng	0.01
75) Chrysene-d12	16.24	240	288470	20.00	ng	-0.03
86) Perylene-d12	18.01	264	313357	20.00	ng	-0.13
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	62182	17.93	ng	0.01
7) Phenol-d6	6.90	99	84254	18.38	ng	0.01
23) Nitrobenzene-d5	8.03	82	45867	10.57	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	22096	16.18	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	102365	11.30	ng	0.00
78) Terphenyl-d14	14.94	244	129969	10.79	ng	0.00

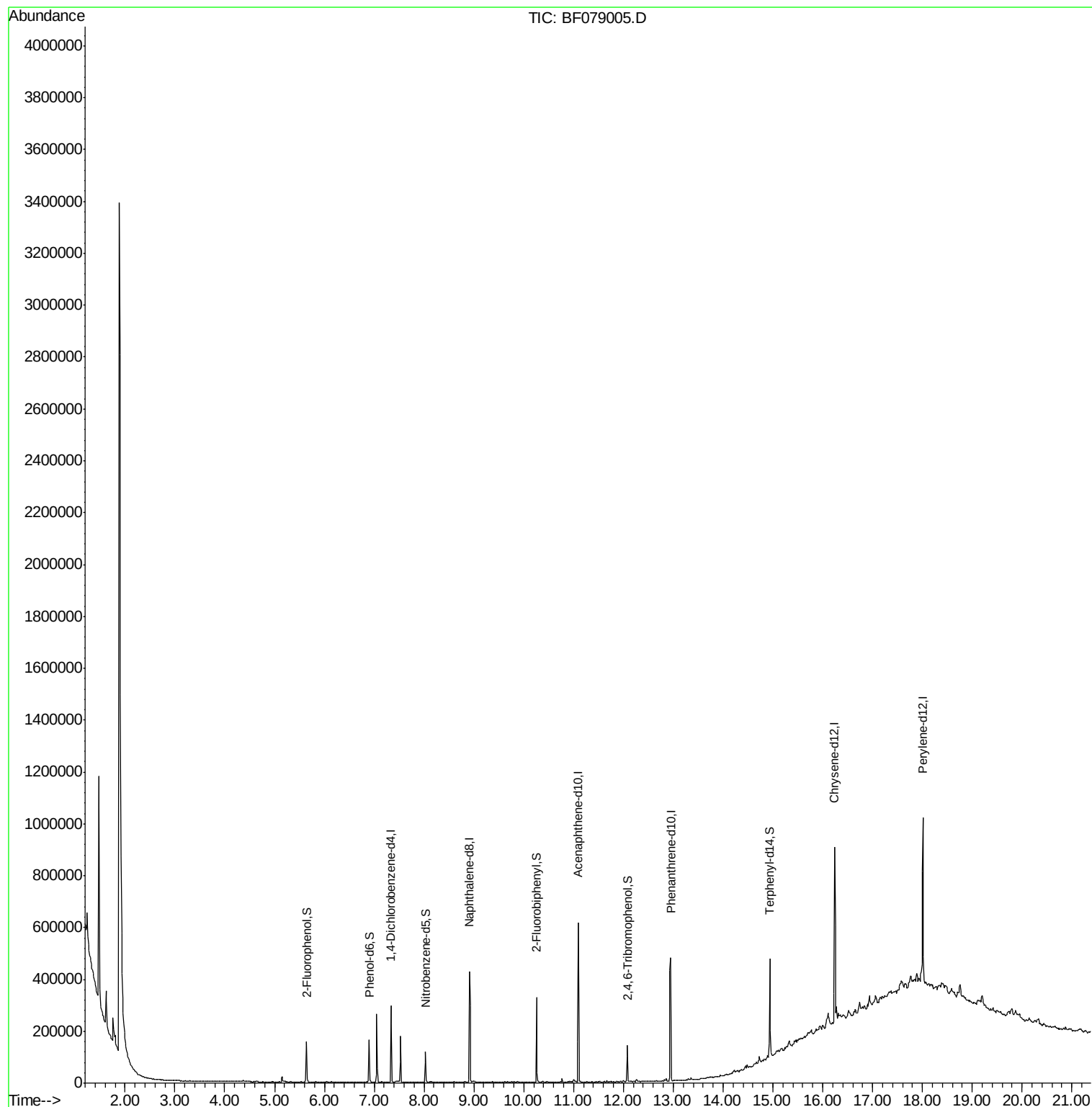
Target Compounds Qvalue

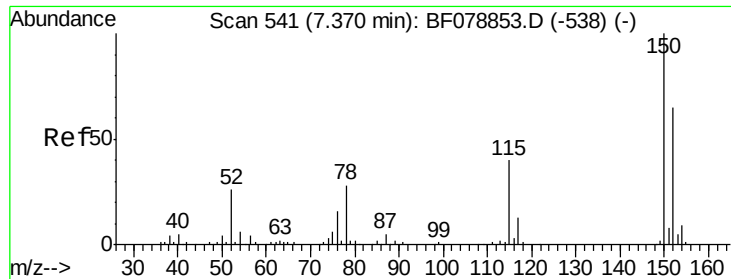
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.34 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF079005.D

Acq: 7 May 2015 19:38

Instrument :

BNA_F

ClientSampled :

B2-0-2

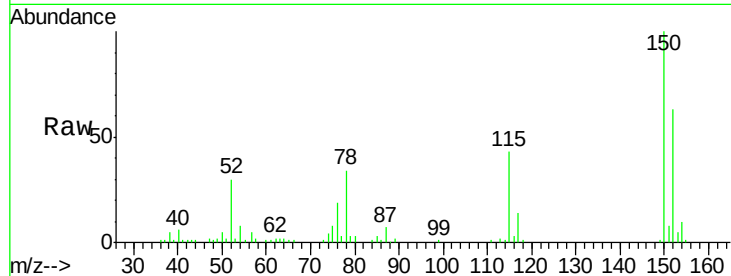
Tot Ion:152 Resp: 59685

Ion Ratio Lower Upper

152 100

150 159.6 122.0 183.0

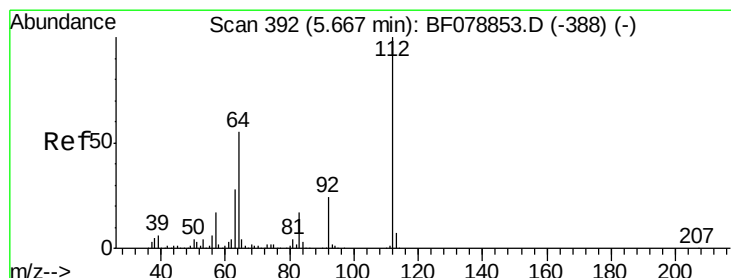
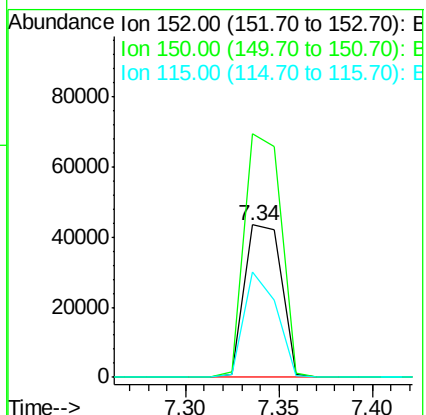
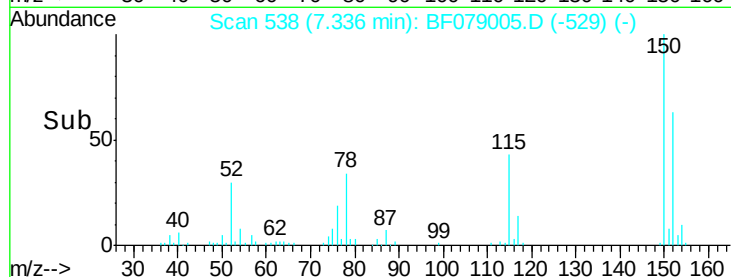
115 69.1 46.3 69.5



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: 17.93 ng

RT: 5.64 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF079005.D

Acq: 7 May 2015 19:38

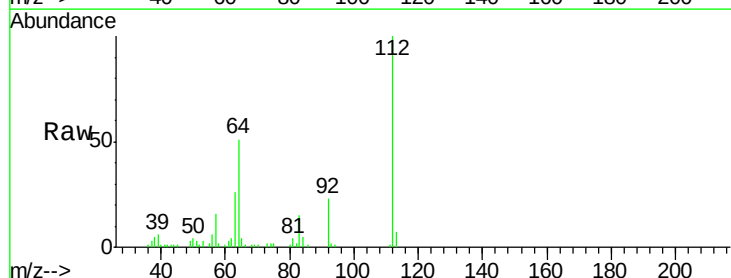
Tgt Ion:112 Resp: 62182

Ion Ratio Lower Upper

112 100

64 51.3 53.5 80.3#

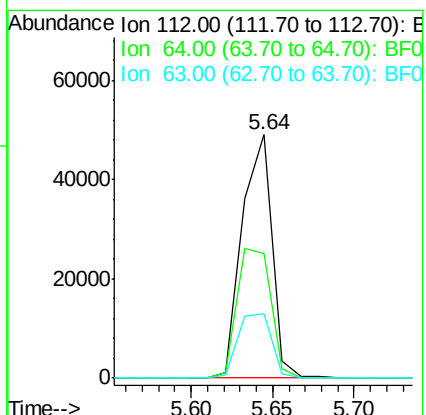
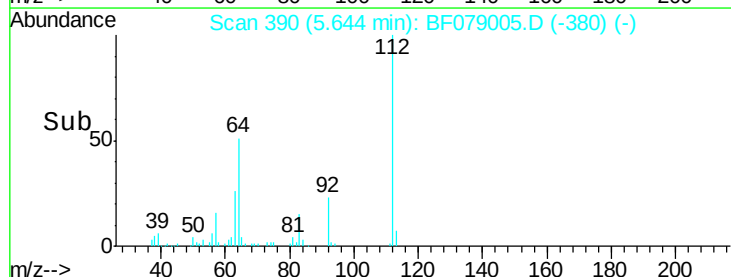
63 26.4 27.5 41.3#

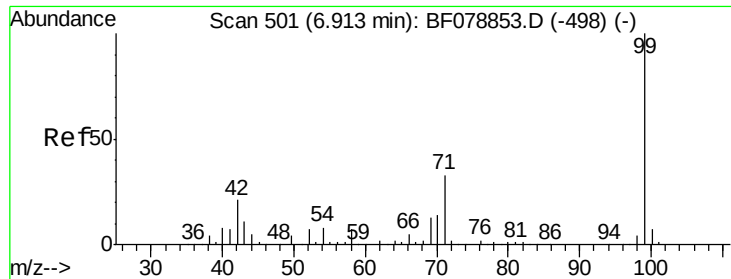


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 18.38 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF079005.D

Acq: 7 May 2015 19:38

Instrument :

BNA_F

ClientSampleId :

B2-0-2

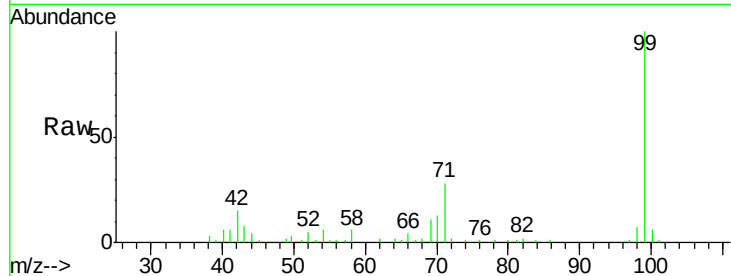
Tot Ion: 99 Resp: 84254

Ion Ratio Lower Upper

99 100

42 15.4 12.8 19.2

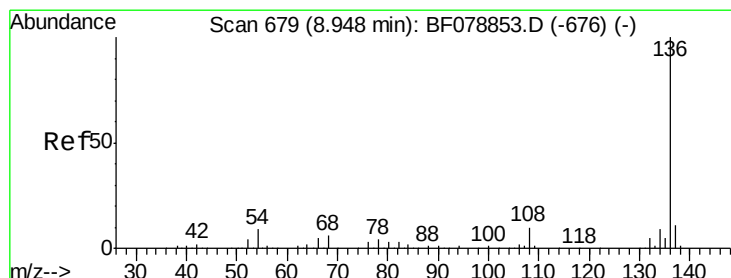
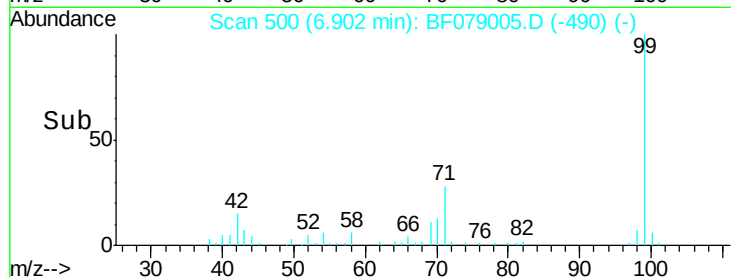
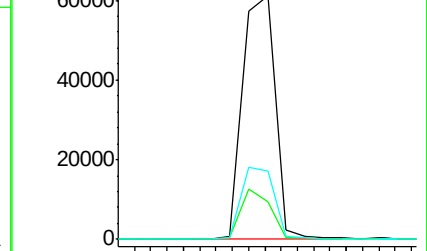
71 27.9 23.4 35.2



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: 8.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: BF079005.D

Acq: 7 May 2015 19:38

Tgt Ion: 136 Resp: 249477

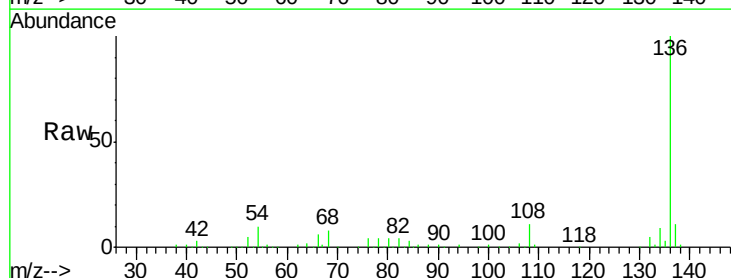
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.9 5.8 8.8#

68 7.6 4.2 6.4#

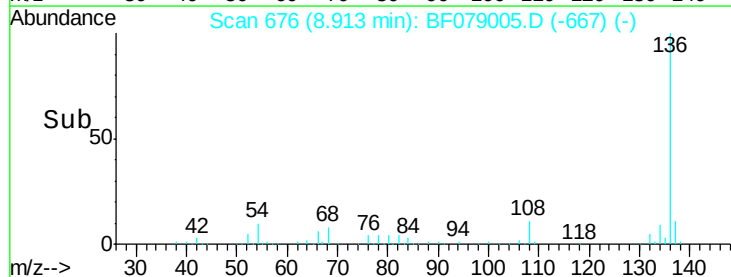
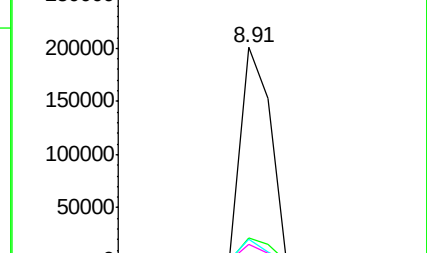


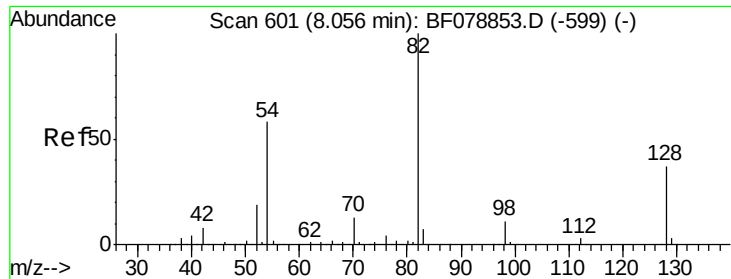
Abundance Ion 136.00 (135.70 to 136.70): BF078853.D (-676) (-)

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) (-)

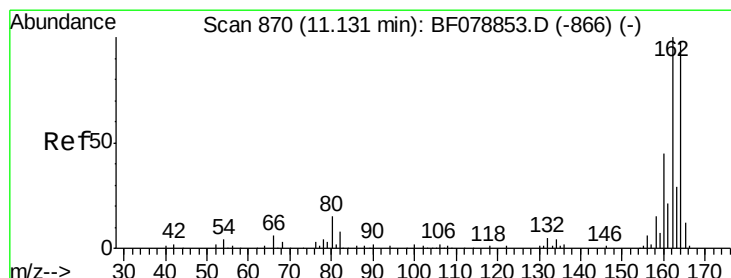
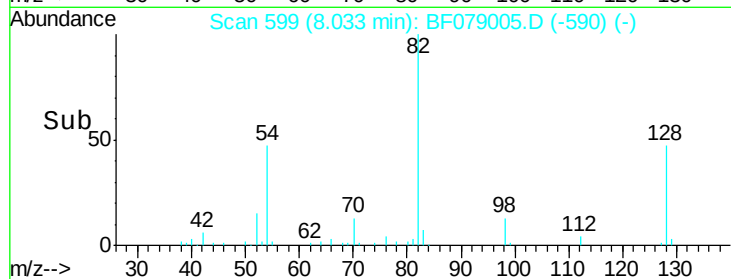
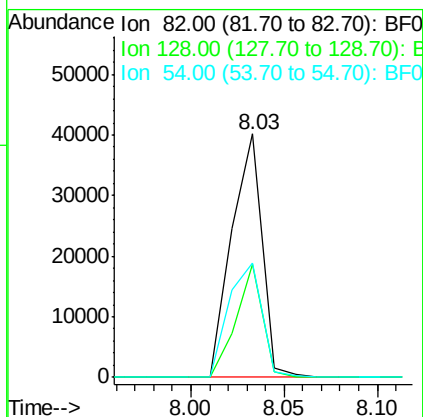
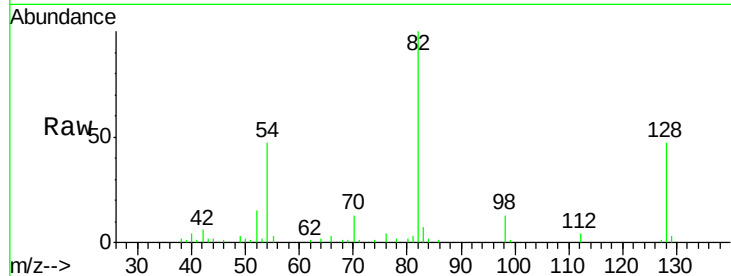




#23
 Nitrobenzene-d5
 Concen: 10.57 ng
 RT: 8.03 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

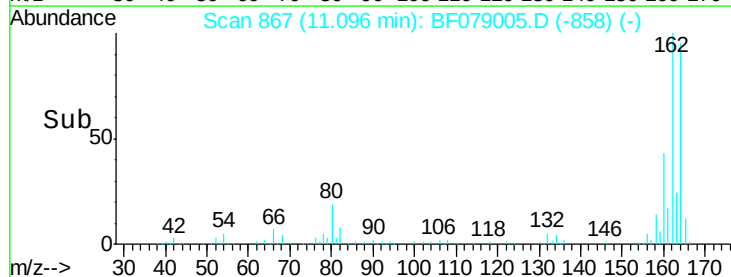
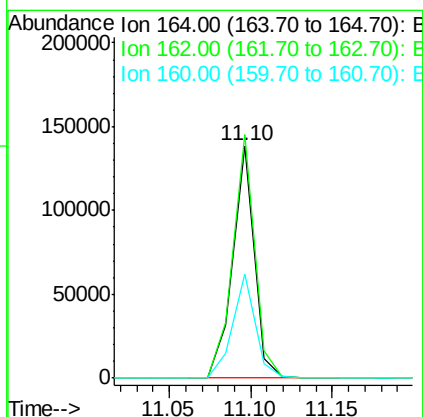
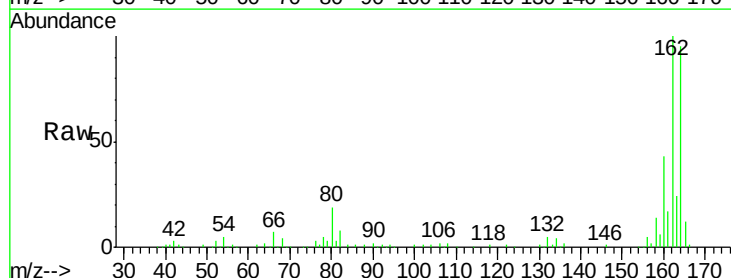
Instrument :
 BNA_F
 ClientSampled :
 B2-0-2

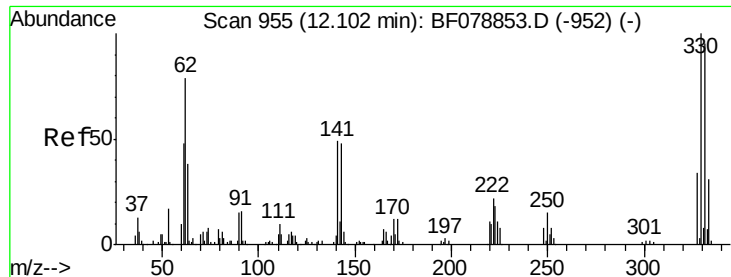
Tot Ion: 82 Resp: 45867
 Ion Ratio Lower Upper
 82 100
 128 46.5 30.0 45.0#
 54 46.7 46.4 69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

Tgt Ion:164 Resp: 126246
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.7 124.1
 160 45.1 35.8 53.8

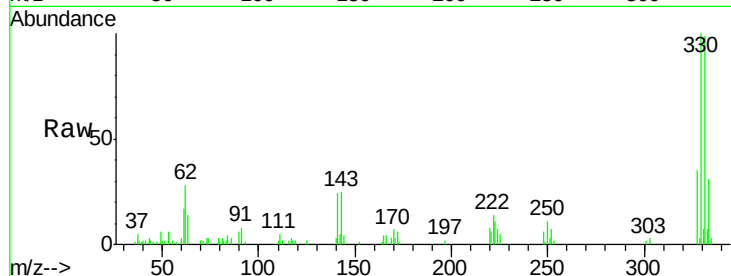




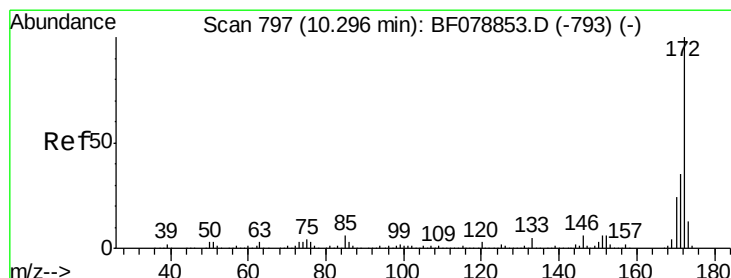
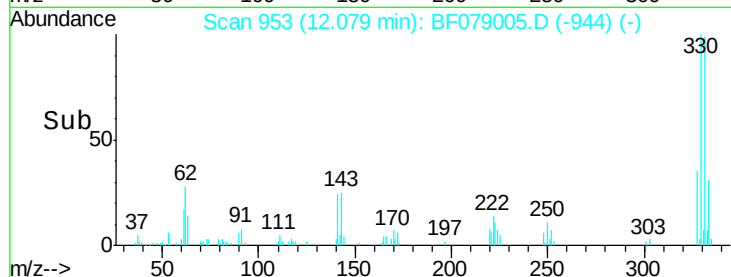
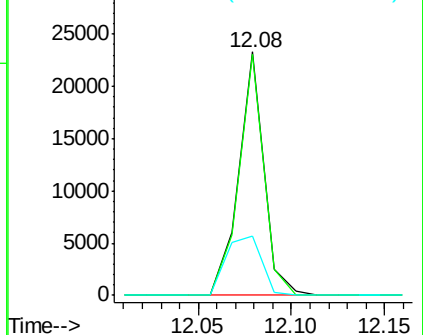
#41
 2,4,6-Tribromophenol
 Concen: 16.18 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.00 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

Instrument :
 BNA_F
 ClientSampleId :
 B2-0-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	34.5	0.0	0.0#

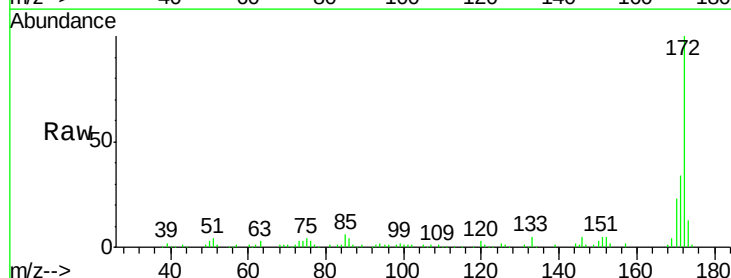


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

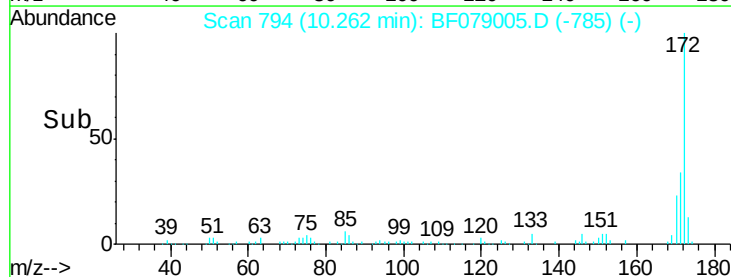
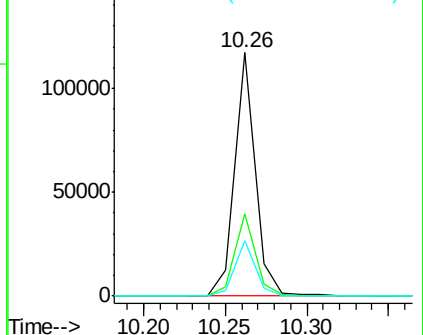


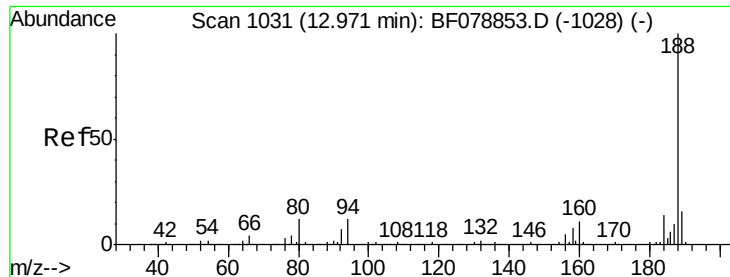
#44
 2-Fluorobiphenyl
 Concen: 11.30 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.9	41.9
170	22.8	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

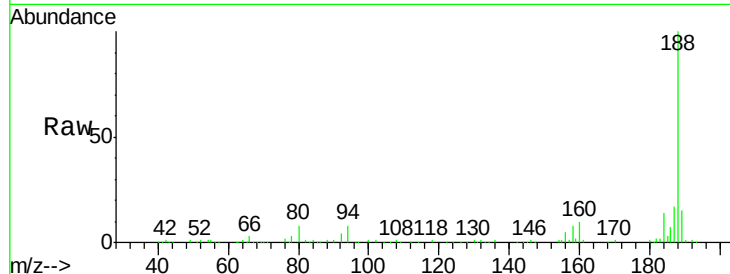




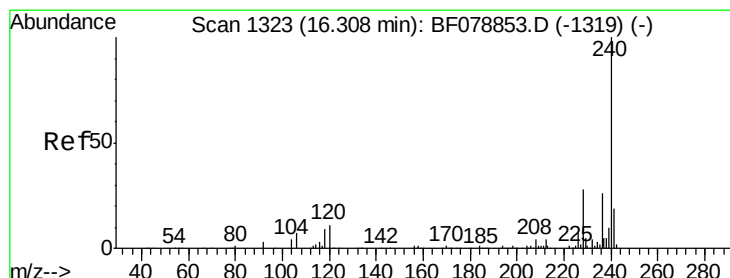
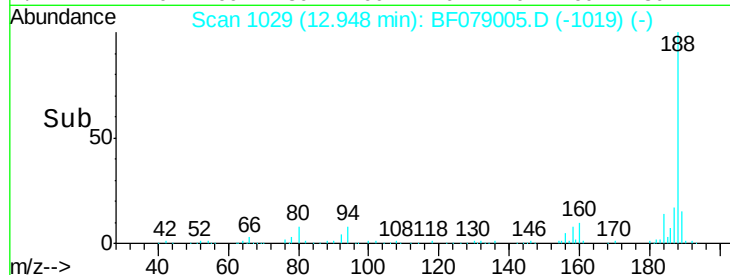
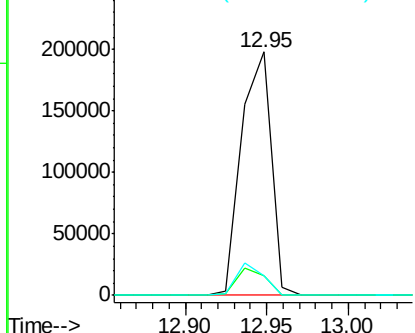
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF079005.D
Acq: 7 May 2015 19:38

Instrument :
BNA_F
ClientSampled :
B2-0-2

Tot Ion:188 Resp: 250076
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.2#
80 7.9 8.9 13.3#

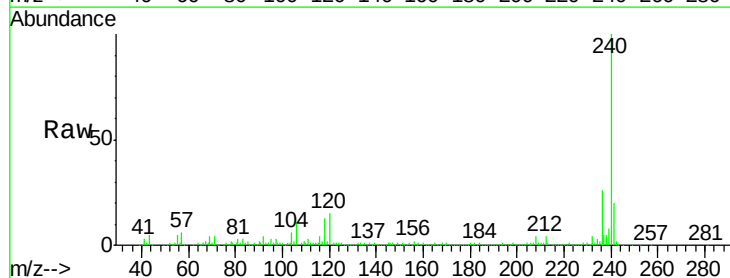


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

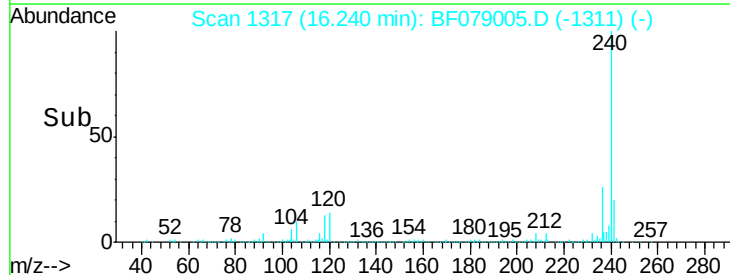
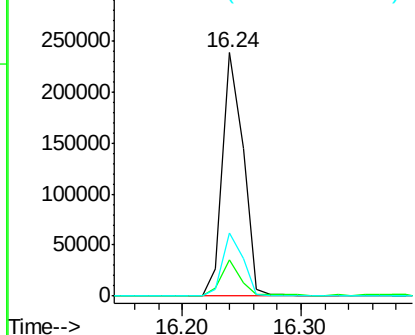


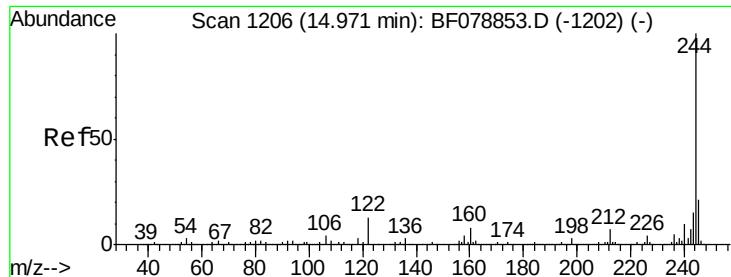
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.24 min Scan# 1317
Delta R.T. -0.03 min
Lab File: BF079005.D
Acq: 7 May 2015 19:38

Tgt Ion:240 Resp: 288470
Ion Ratio Lower Upper
240 100
120 14.8 9.7 14.5#
236 26.0 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

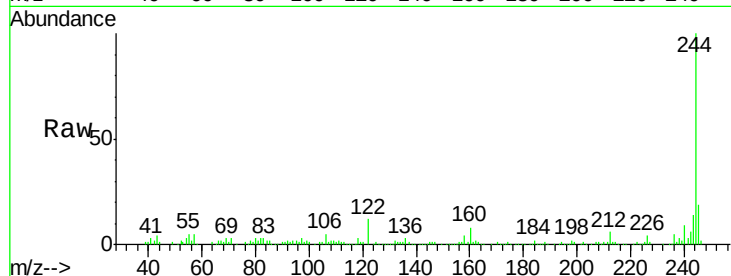




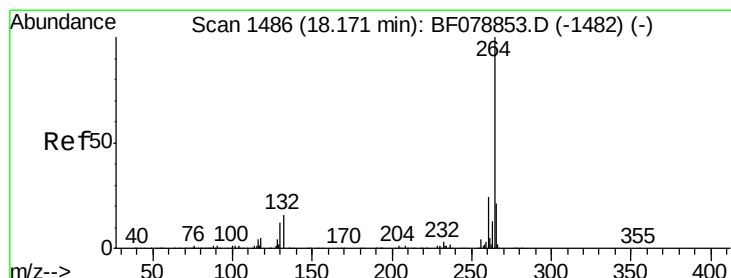
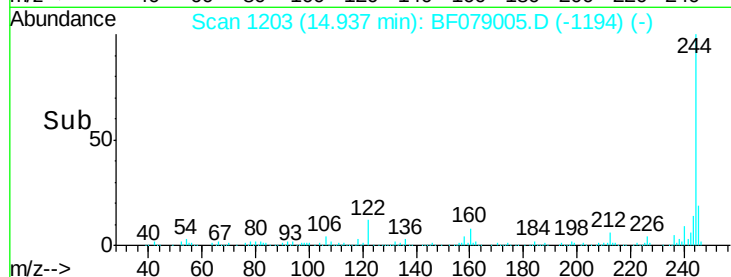
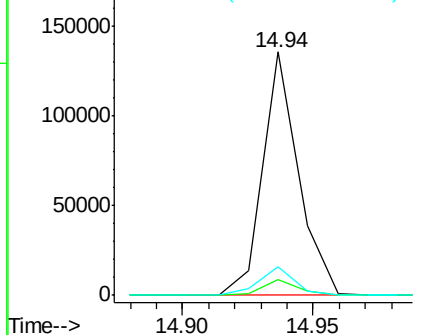
#78
 Terphenyl-d14
 Concen: 10.79 ng
 RT: 14.94 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

Instrument :
 BNA_F
 ClientSampled :
 B2-0-2

Tot Ion:244 Resp: 129969
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 12.0 10.3 15.5

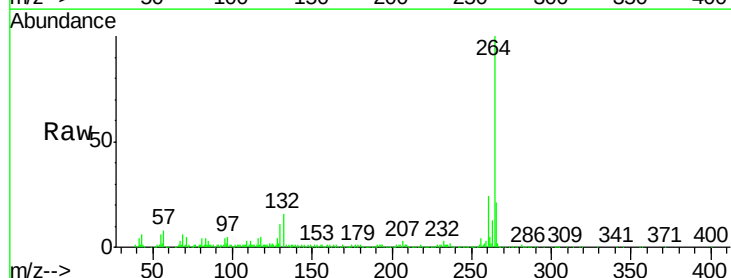


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.01 min Scan# 1472
 Delta R.T. -0.13 min
 Lab File: BF079005.D
 Acq: 7 May 2015 19:38

Tgt Ion:264 Resp: 313357
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 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

