

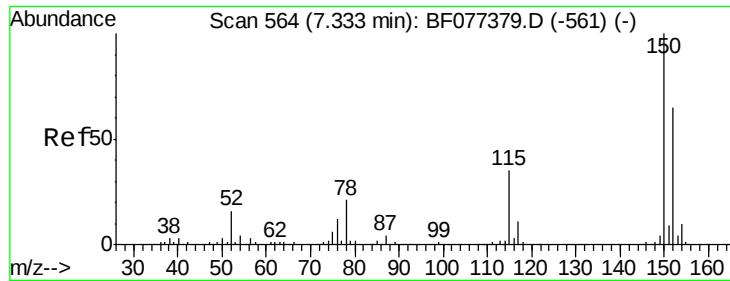
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030215\
 Data File : BF077523.D
 Acq On : 2 Mar 2015 15:36
 Operator : TP/IZ
 Sample : G1399-04 5X
 Misc : S
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Quant Time: Mar 03 00:01:35 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 02 23:46:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	102530	20.00	ng	0.00
21) Naphthalene-d8	8.83	136	422924	20.00	ng	0.00
38) Acenaphthene-d10	11.01	164	216520	20.00	ng	0.00
63) Phenanthrene-d10	12.85	188	441479	20.00	ng	0.00
75) Chrysene-d12	16.15	240	455954	20.00	ng	0.01
86) Perylene-d12	17.94	264	463082	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	96607	15.73	ng	0.00
7) Phenol-d6	6.81	99	129296	16.37	ng	0.00
23) Nitrobenzene-d5	7.95	82	73918	10.87	ng	0.00
41) 2,4,6-Tribromophenol	11.99	330	24388	11.70	ng	0.00
44) 2-Fluorobiphenyl	10.18	172	179983	12.96	ng	0.00
78) Terphenyl-d14	14.84	244	212010	10.87	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	12.88	178	55104	2.15	ng	98
74) Fluoranthene	14.36	202	101474	3.63	ng	97
77) Pyrene	14.64	202	112829	4.05	ng	98
80) Benzo(a)anthracene	16.14	228	56239	2.10	ng	96
87) Benzo(b)fluoranthene	17.48	252	87976	3.27	ng	# 92
88) Benzo(k)fluoranthene	17.48	252	86125	3.26	ng	# 93

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

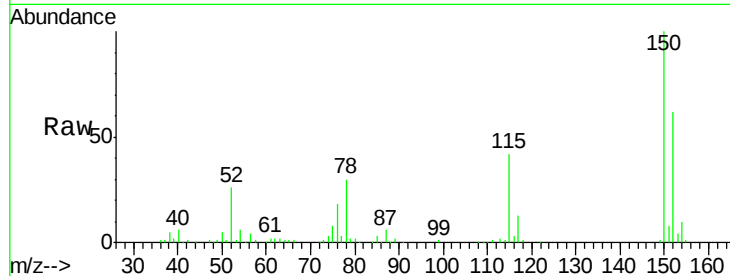


#1

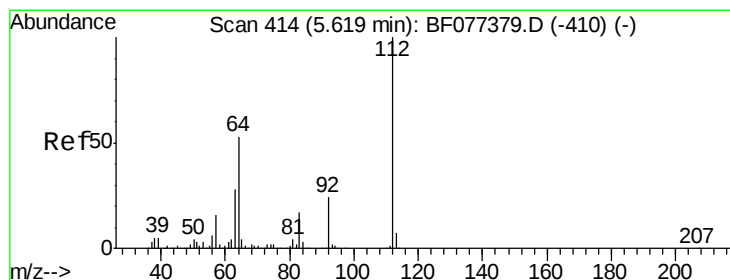
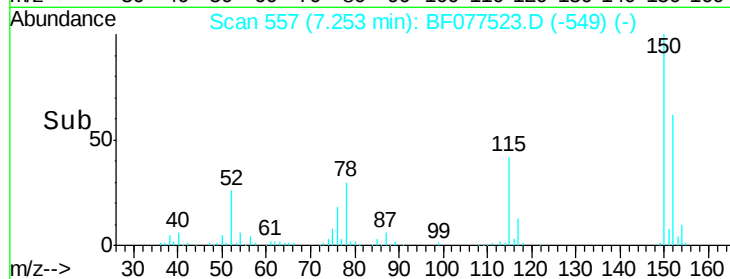
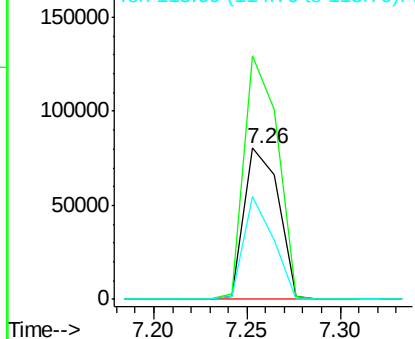
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.26 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tgt Ion:152 Resp: 102530
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.0 186.0
 115 68.2 49.4 74.2



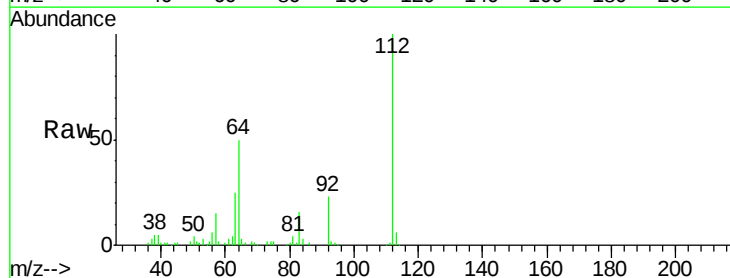
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



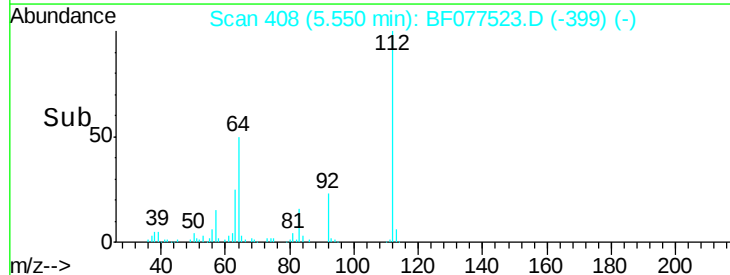
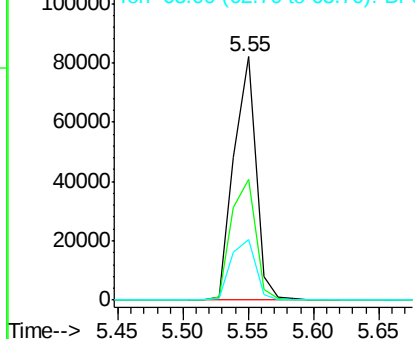
#5

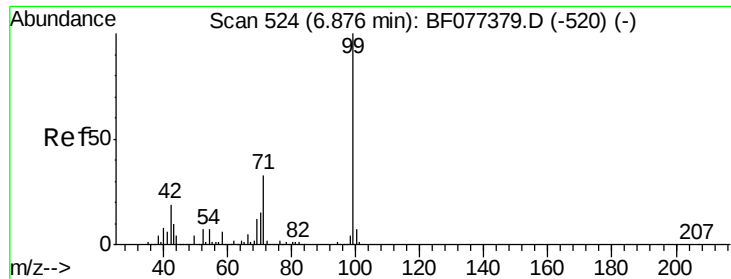
2-Fluorophenol
 Concen: 15.73 ng
 RT: 5.55 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Tgt Ion:112 Resp: 96607
 Ion Ratio Lower Upper
 112 100
 64 49.6 48.5 72.7
 63 24.7 25.0 37.4#



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: 16.37 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF077523.D

Acq: 2 Mar 2015 15:36

Instrument :

BNA_F

ClientSampleId :

SB12

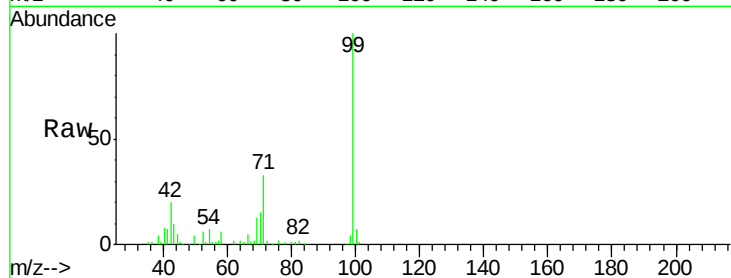
Tgt Ion: 99 Resp: 129296

Ion Ratio Lower Upper

99 100

42 19.9 16.2 24.4

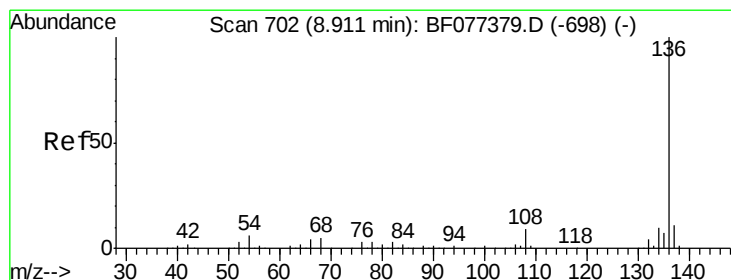
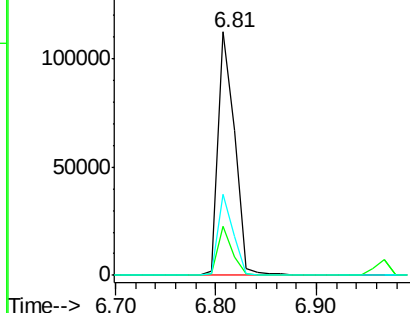
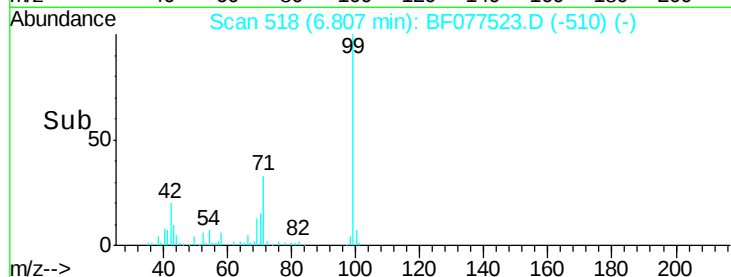
71 33.1 26.7 40.1



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: 8.83 min Scan# 695

Delta R.T. -0.00 min

Lab File: BF077523.D

Acq: 2 Mar 2015 15:36

Tgt Ion: 136 Resp: 422924

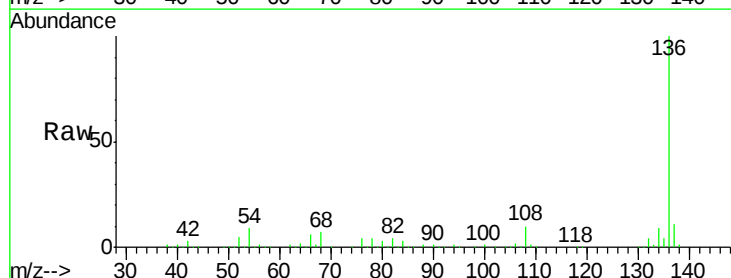
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 9.2 6.2 9.4

68 6.7 5.0 7.6

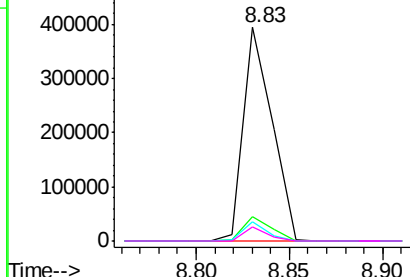
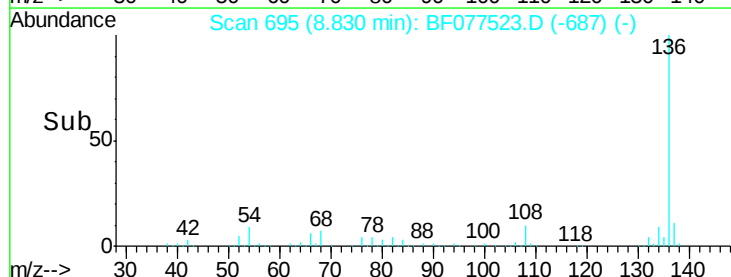


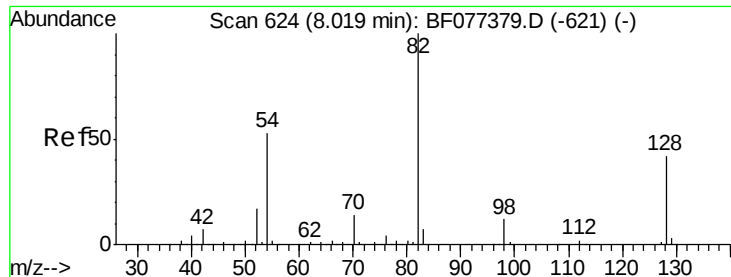
Abundance Ion 136.00 (135.70 to 136.70): E

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

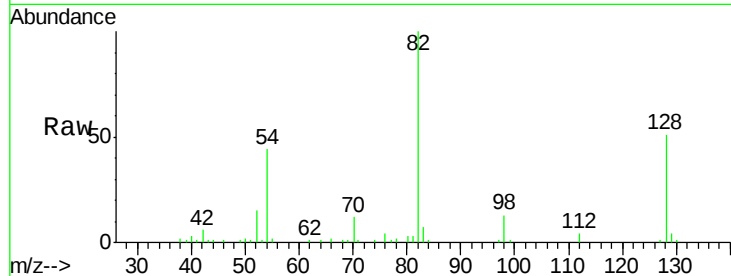




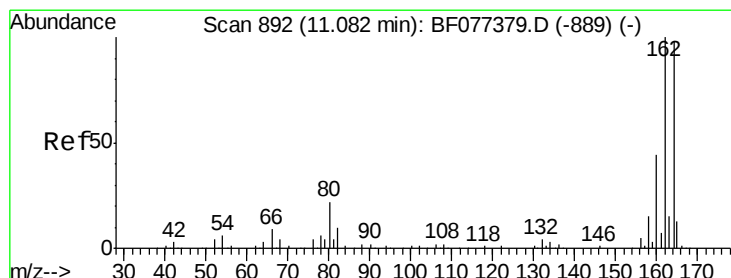
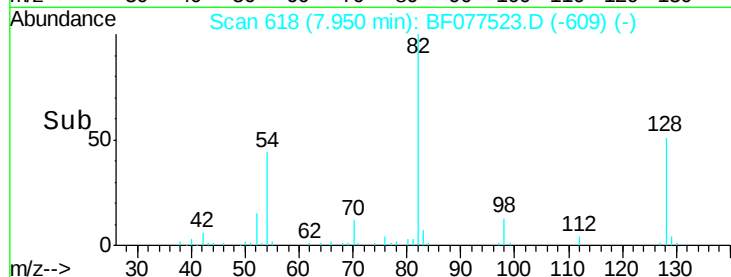
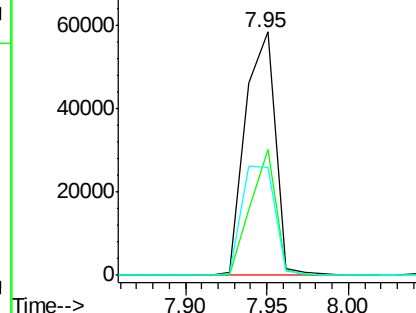
#23
Nitrobenzene-d5
Concen: 10.87 ng
RT: 7.95 min Scan# 618
Delta R.T. -0.00 min
Lab File: BF077523.D
Acq: 2 Mar 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SB12

Tgt Ion: 82 Resp: 73918
Ion Ratio Lower Upper
82 100
128 51.4 43.8 65.8
54 44.3 36.7 55.1

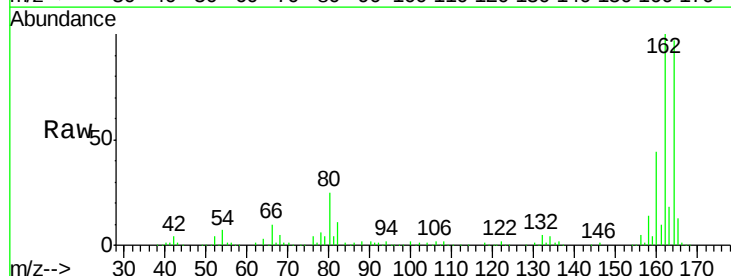


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

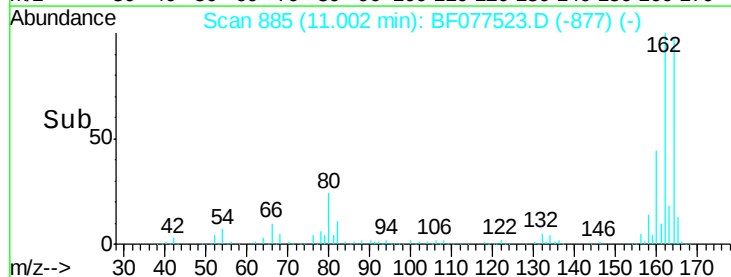
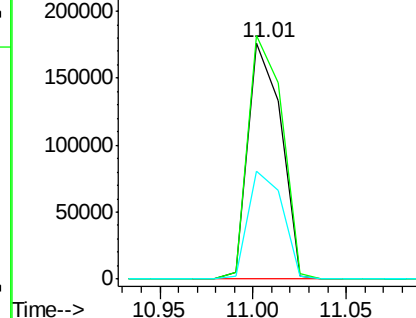


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.01 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF077523.D
Acq: 2 Mar 2015 15:36

Tgt Ion: 164 Resp: 216520
Ion Ratio Lower Upper
164 100
162 103.1 83.2 124.8
160 45.6 34.6 52.0



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

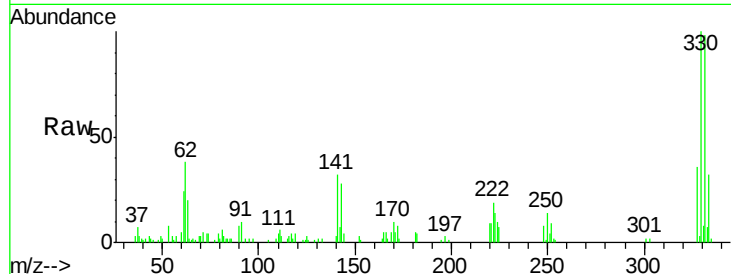




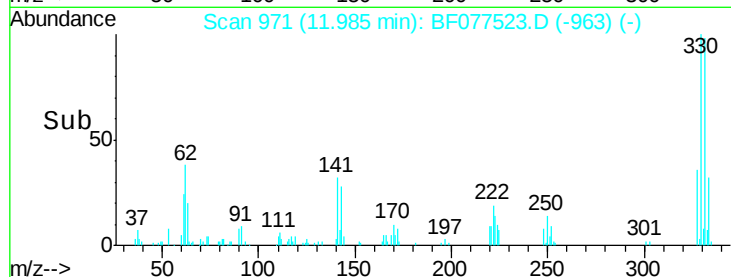
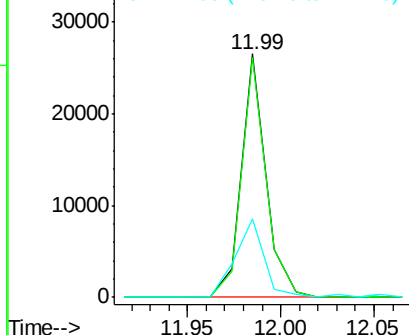
#41
 2,4,6-Tribromophenol
 Concen: 11.70 ng
 RT: 11.99 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tgt Ion:330 Resp: 24388
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 37.8 28.8 43.2

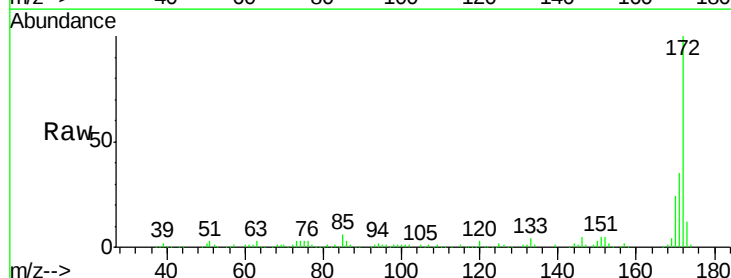


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

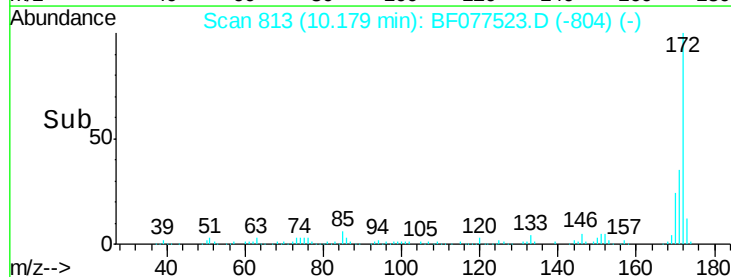
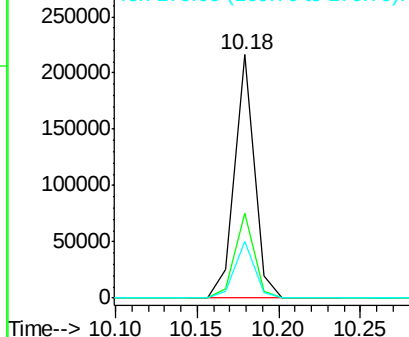


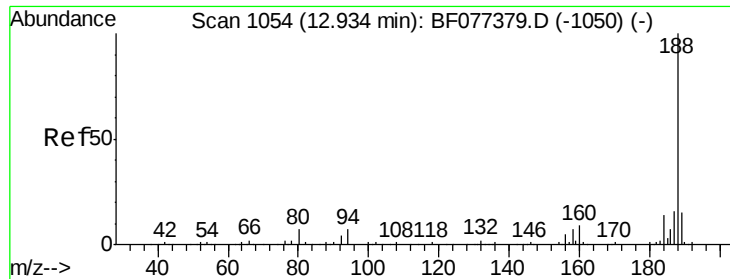
#44
 2-Fluorobiphenyl
 Concen: 12.96 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Tgt Ion:172 Resp: 179983
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.9 43.3
 170 23.6 19.4 29.2



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

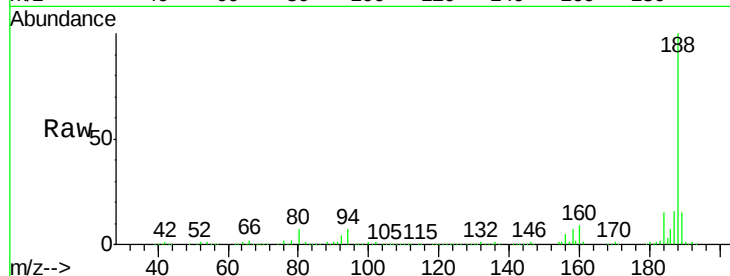




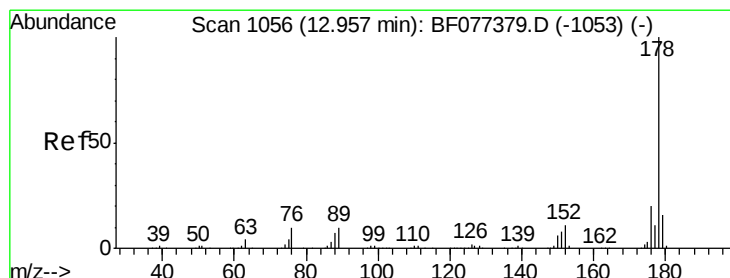
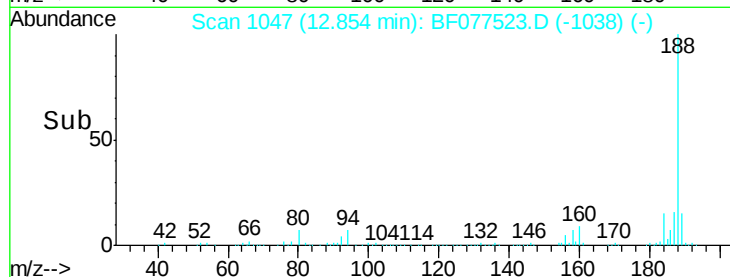
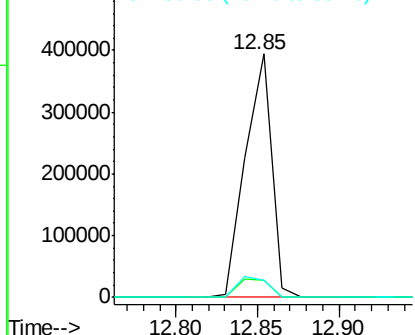
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.85 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF077523.D
Acq: 2 Mar 2015 15:36

Instrument :
BNA_F
ClientSampleId :
SB12

Tgt Ion:188 Resp: 441479
Ion Ratio Lower Upper
188 100
94 7.2 7.4 11.2#
80 7.2 8.0 12.0#

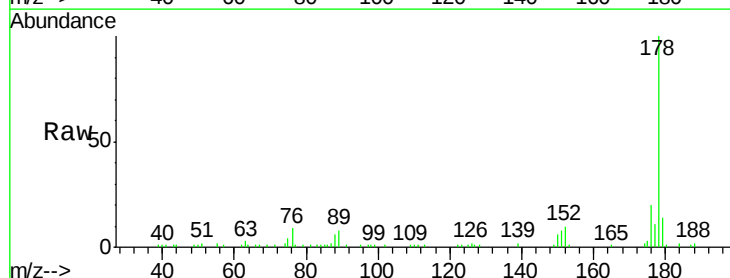


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

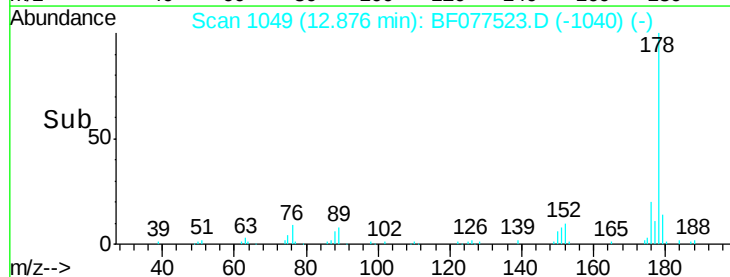
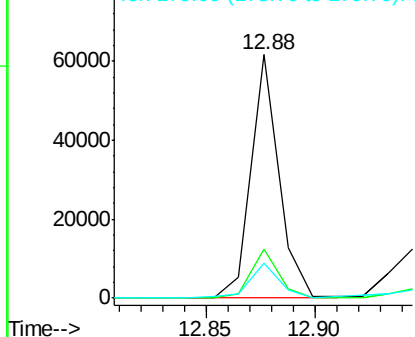


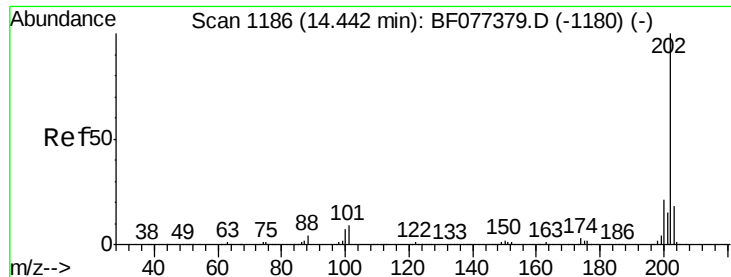
#70
Phenanthrene
Concen: 2.15 ng
RT: 12.88 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF077523.D
Acq: 2 Mar 2015 15:36

Tgt Ion:178 Resp: 55104
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 14.3 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

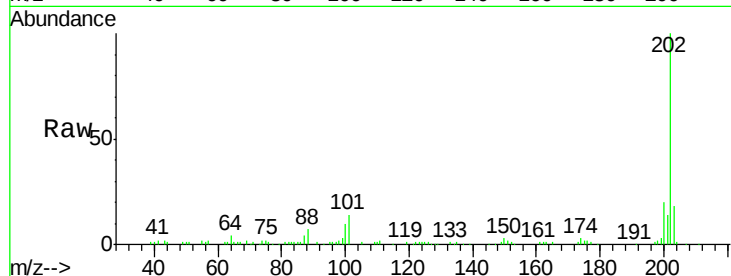




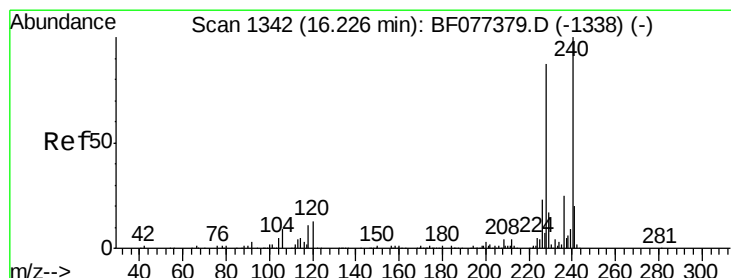
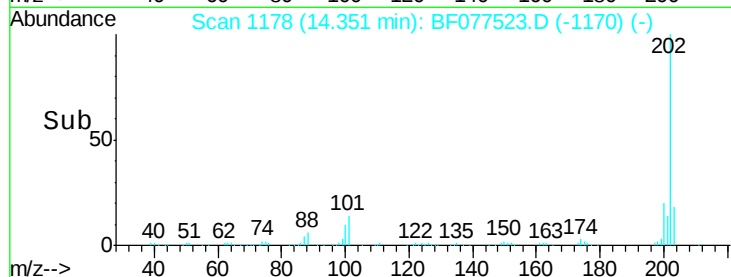
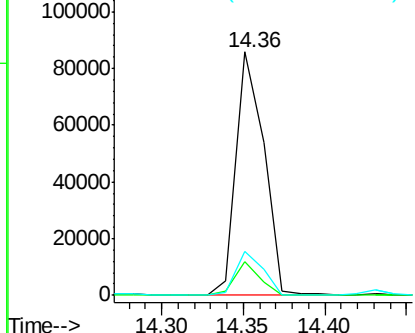
#74
 Fluoranthene
 Concen: 3.63 ng
 RT: 14.36 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Instrument :
 BNA_F
 ClientSampleId :
 SB12

Tgt Ion: 202 Resp: 101474
 Ion Ratio Lower Upper
 202 100
 101 13.9 0.0 30.8
 203 17.9 0.0 37.7

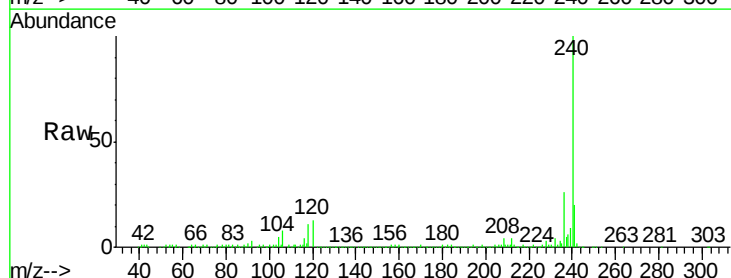


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF077523.D
 Acq: 2 Mar 2015 15:36

Tgt Ion: 240 Resp: 455954
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.8 13.2
 236 25.9 20.7 31.1



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

