

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
 Data File : BF079923.D
 Acq On : 12 Jun 2015 6:17
 Operator : TP/IZ
 Sample : G2573-05
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S5

Quant Time: Jun 12 07:03:52 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 00:59:58 2015
 Response via : Initial Calibration

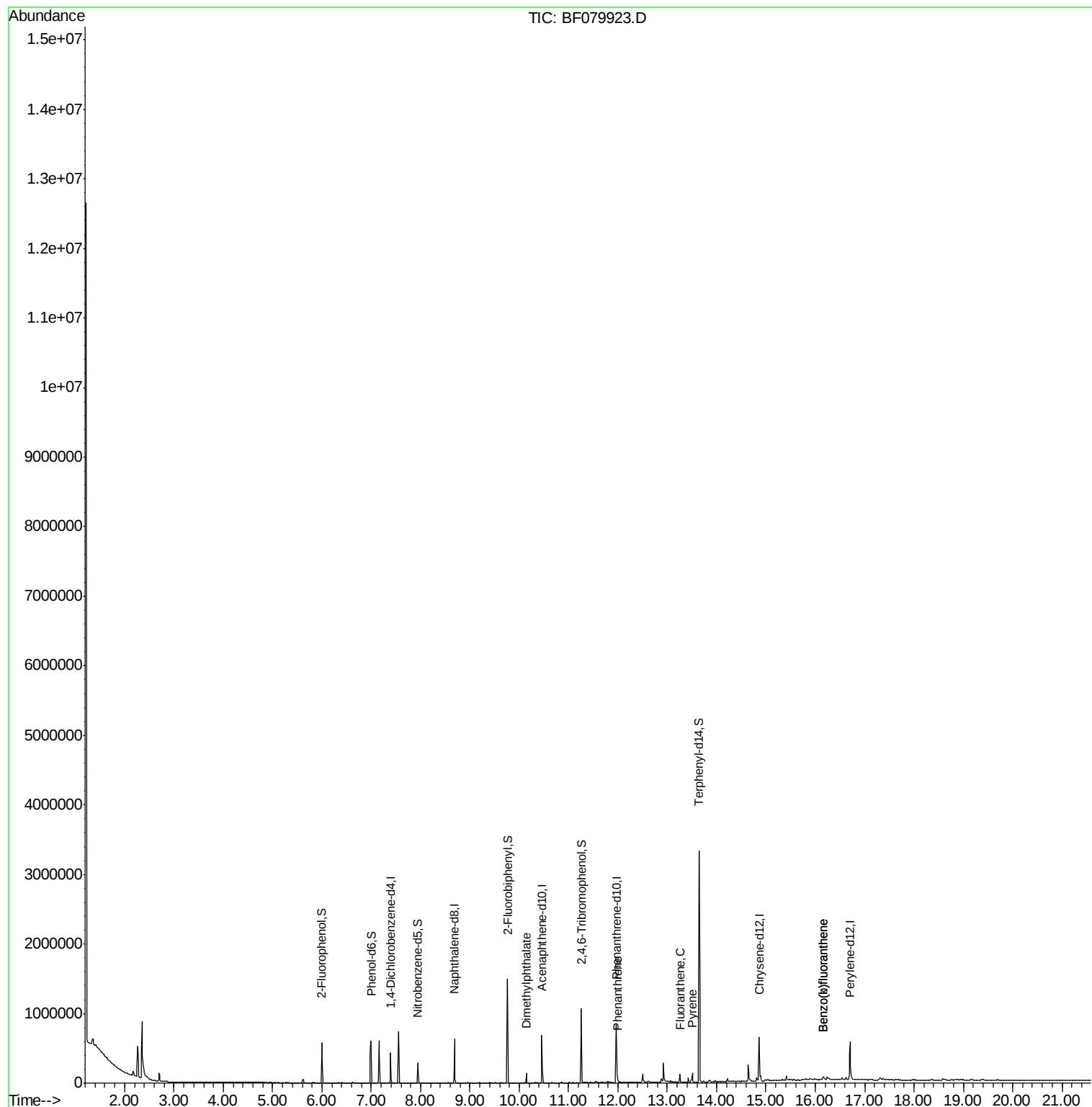
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	60520	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	247586	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	133137	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	294138	20.00	ng	-0.01
75) Chrysene-d12	14.87	240	332426	20.00	ng	-0.13
86) Perylene-d12	16.71	264	323769	20.00	ng	-0.22
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	191521	53.02	ng	0.00
7) Phenol-d6	6.99	99	271185	57.39	ng	0.00
23) Nitrobenzene-d5	7.94	82	117496	28.23	ng	-0.01
41) 2,4,6-Tribromophenol	11.26	330	159373	134.12	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	407534	43.14	ng	0.00
78) Terphenyl-d14	13.65	244	1206755	82.49	ng	-0.05
Target Compounds						Qvalue
49) Dimethylphthalate	10.15	163	56710	5.40	ng	# 98
70) Phenanthrene	11.99	178	39139	2.20	ng	98
74) Fluoranthene	13.26	202	55651	2.98	ng	99
77) Pyrene	13.51	202	59117	2.87	ng	99
87) Benzo(b)fluoranthene	16.16	252	47160	2.45	ng	# 97
88) Benzo(k)fluoranthene	16.16	252	47160	2.35	ng	# 97

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

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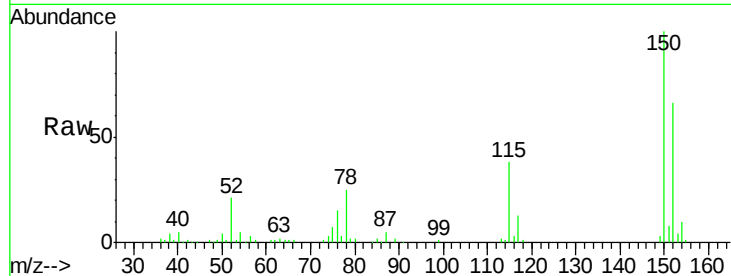




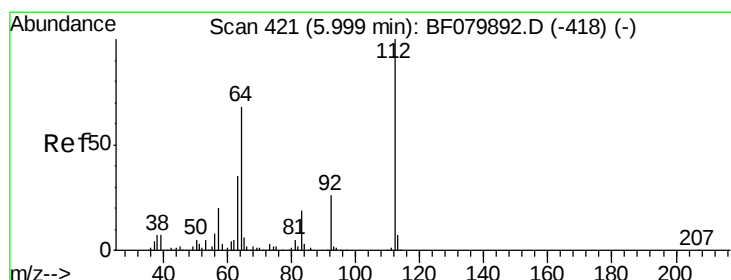
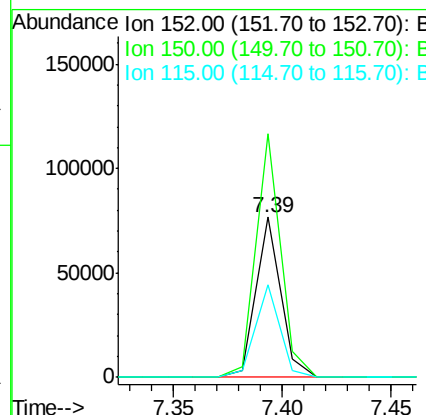
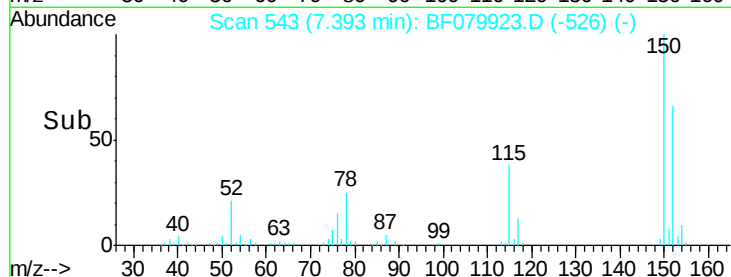
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.39 min Scan# 543
 Delta R.T. -0.00 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampled :
 S5

Tgt Ion:152 Resp: 60520
 Ion Ratio Lower Upper
 152 100
 150 152.3 131.0 196.4
 115 57.7 49.8 74.6

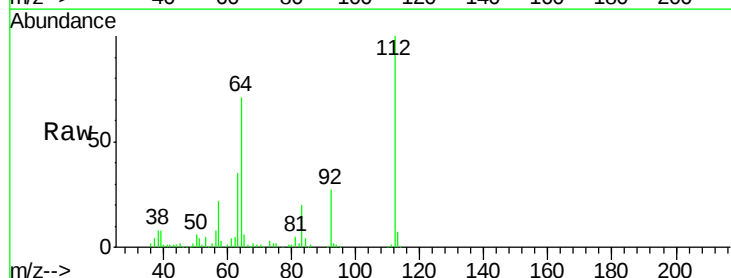


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

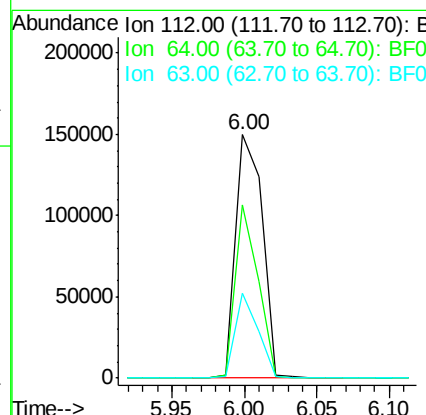
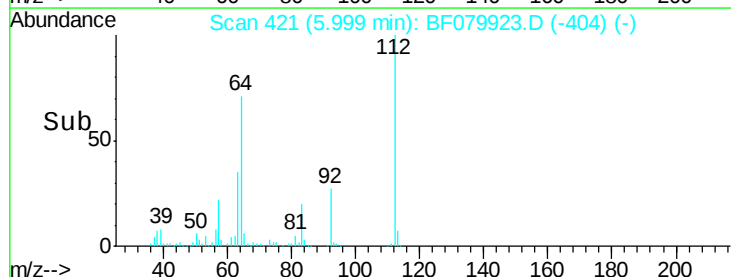


#5
 2-Fluorophenol
 Concen: 53.02 ng
 RT: 6.00 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

Tgt Ion:112 Resp: 191521
 Ion Ratio Lower Upper
 112 100
 64 71.1 54.5 81.7
 63 34.7 27.9 41.9



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: 57.39 ng

RT: 6.99 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

S5

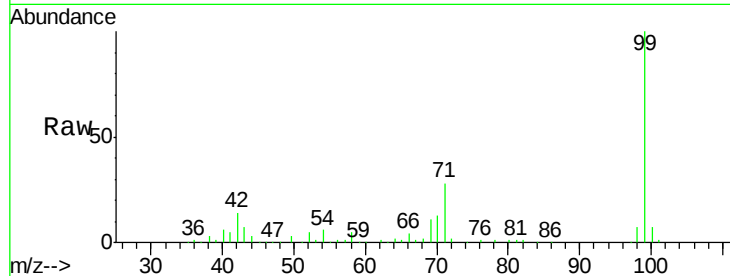
Tgt Ion: 99 Resp: 271185

Ion Ratio Lower Upper

99 100

42 13.5 12.9 19.3

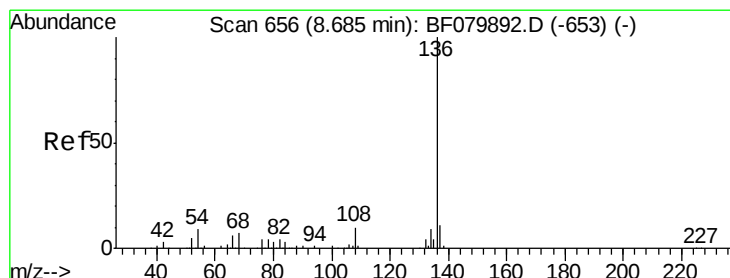
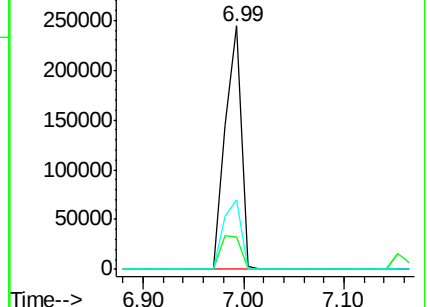
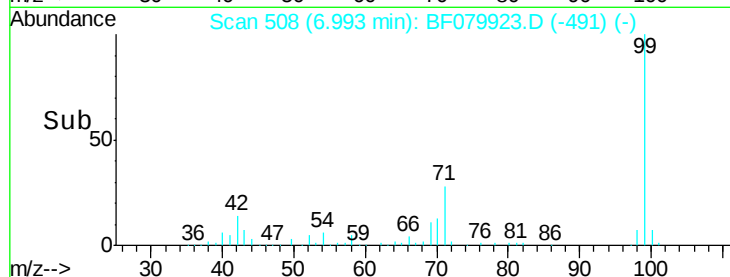
71 28.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF079892.D (-505) (-)

Ion 42.00 (41.70 to 42.70): BF079892.D (-505) (-)

Ion 71.00 (70.70 to 71.70): BF079892.D (-505) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.68 min Scan# 656

Delta R.T. -0.00 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Tgt Ion: 136 Resp: 247586

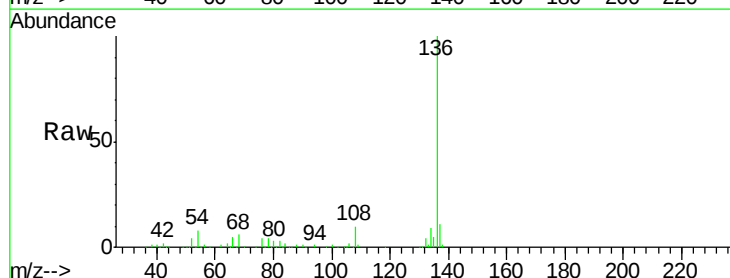
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.3 7.3 10.9

68 6.5 5.9 8.9

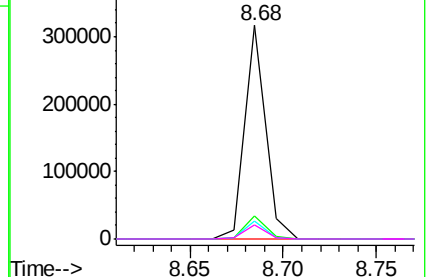
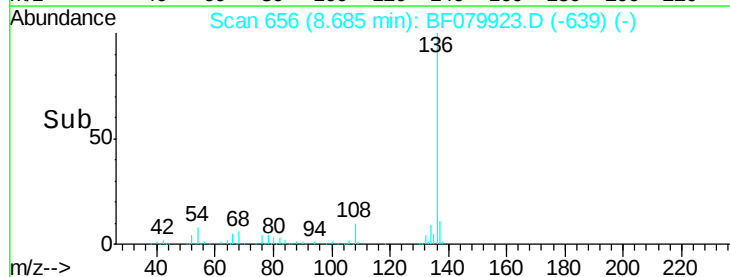


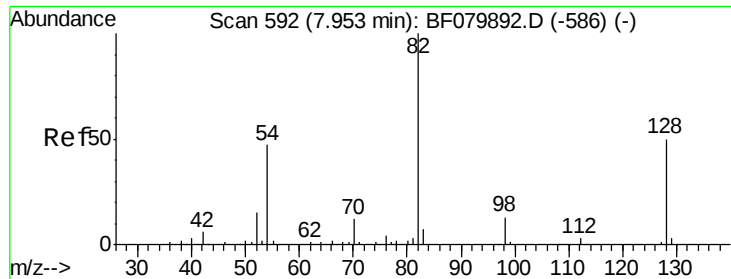
Abundance Ion 136.00 (135.70 to 136.70): BF079892.D (-653) (-)

Ion 137.00 (136.70 to 137.70): BF079892.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BF079892.D (-653) (-)

Ion 68.00 (67.70 to 68.70): BF079892.D (-653) (-)

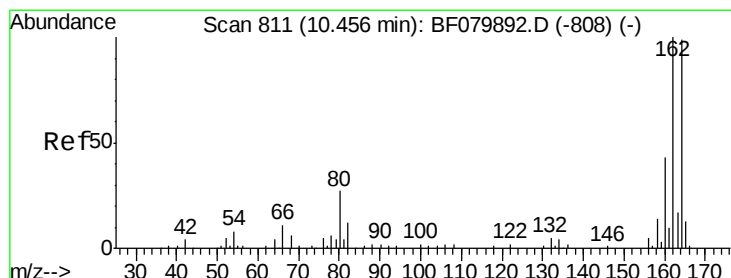
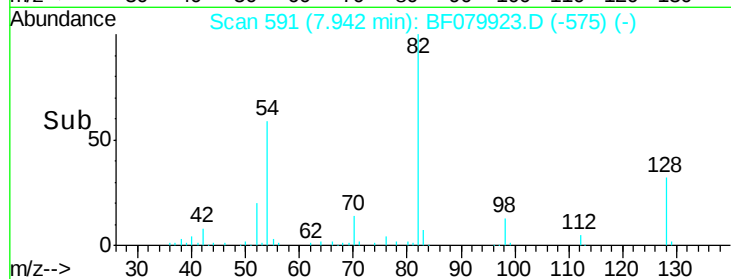
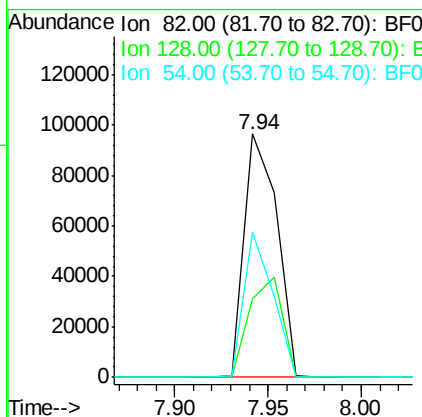
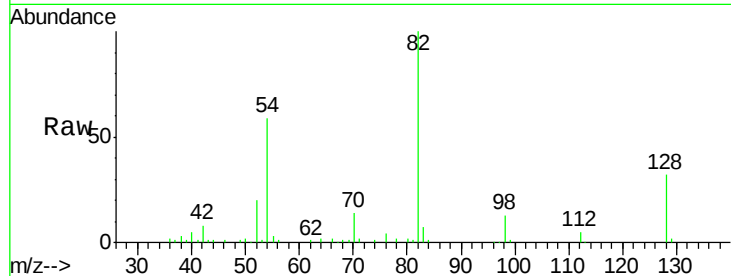




#23
 Nitrobenzene-d5
 Concen: 28.23 ng
 RT: 7.94 min Scan# 591
 Delta R.T. -0.01 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

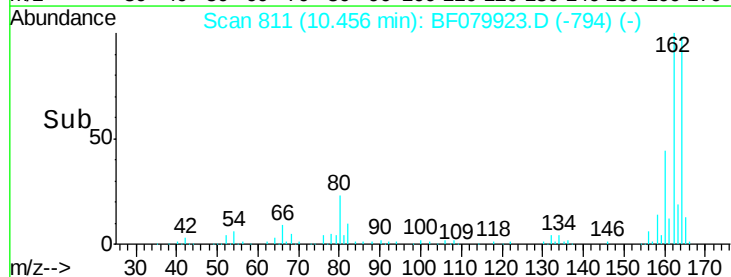
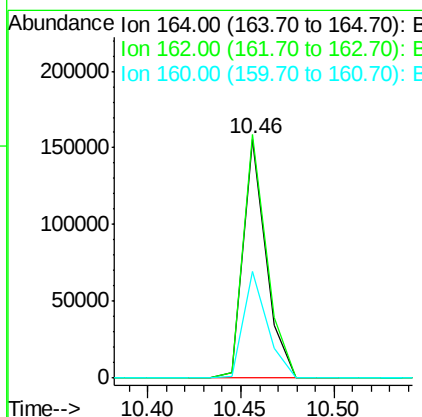
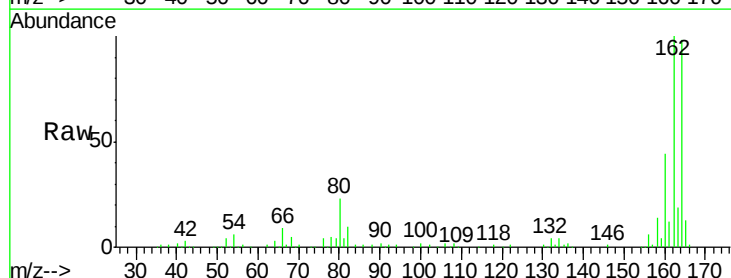
Instrument :
 BNA_F
 ClientSampleId :
 S5

Tgt Ion: 82 Resp: 117496
 Ion Ratio Lower Upper
 82 100
 128 32.2 40.3 60.5#
 54 59.3 38.0 57.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.46 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

Tgt Ion: 164 Resp: 133137
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.7 121.1
 160 44.8 34.6 51.8

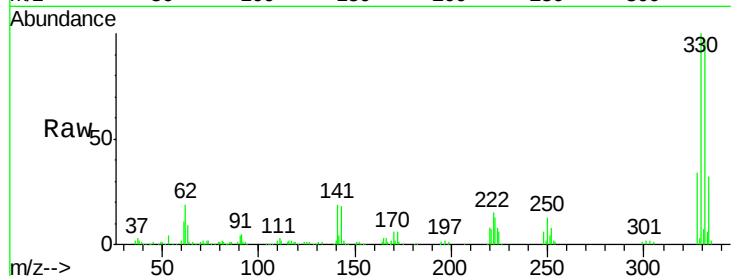




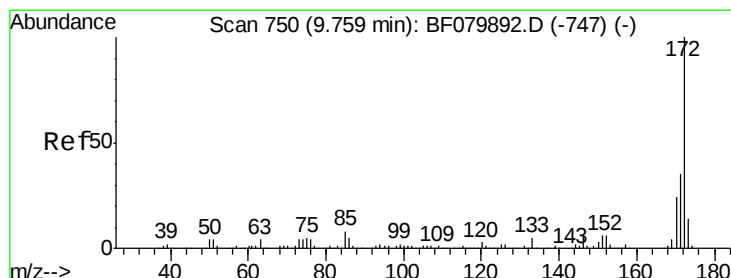
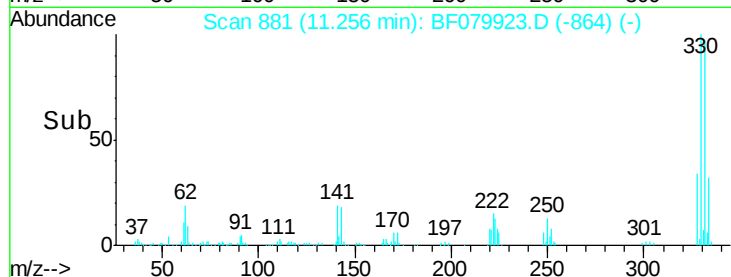
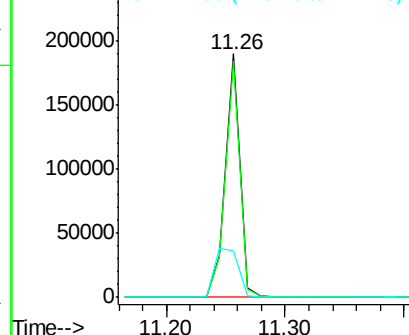
#41
 2,4,6-Tribromophenol
 Concen: 134.12 ng
 RT: 11.26 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

Instrument :
 BNA_F
 ClientSampled :
 S5

Tgt Ion:330 Resp: 159373
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.3 115.9
 141 32.9 26.8 40.2

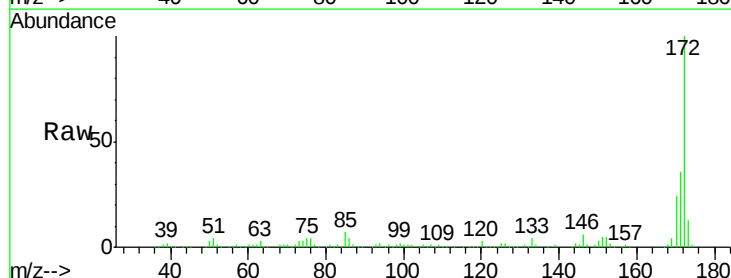


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

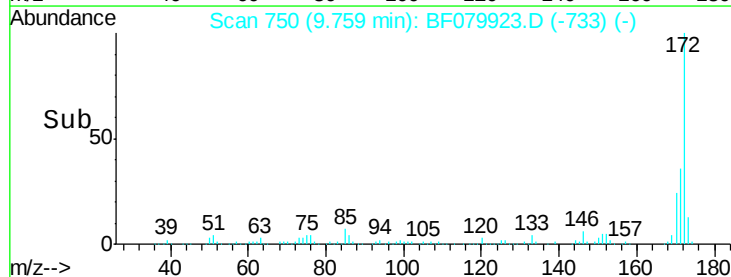
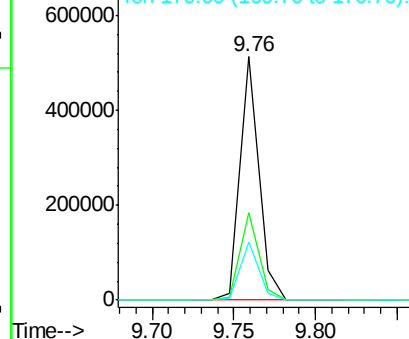


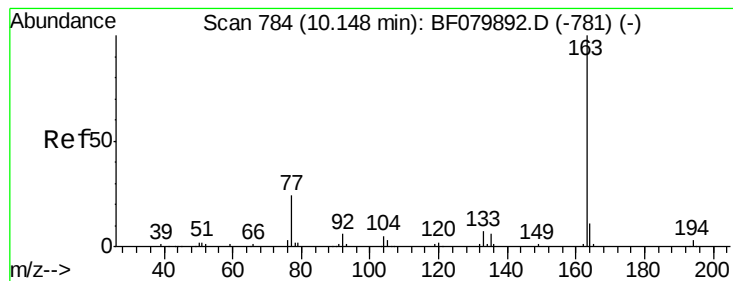
#44
 2-Fluorobiphenyl
 Concen: 43.14 ng
 RT: 9.76 min Scan# 750
 Delta R.T. -0.00 min
 Lab File: BF079923.D
 Acq: 12 Jun 2015 6:17

Tgt Ion:172 Resp: 407534
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.3 42.5
 170 23.9 19.0 28.4



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: 5.40 ng

RT: 10.15 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

S5

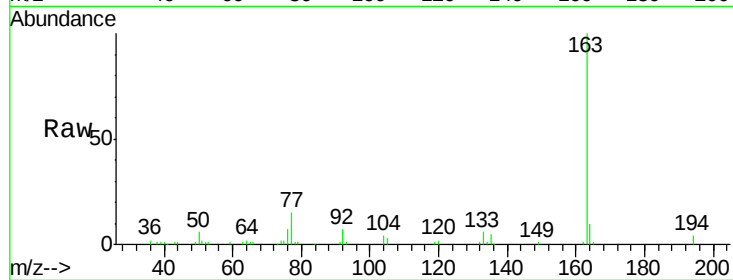
Tgt Ion:163 Resp: 56710

Ion Ratio Lower Upper

163 100

194 4.1 2.6 4.0#

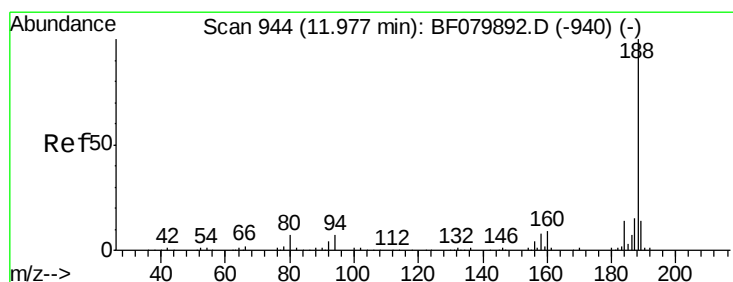
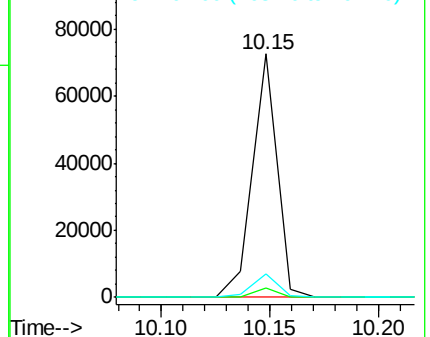
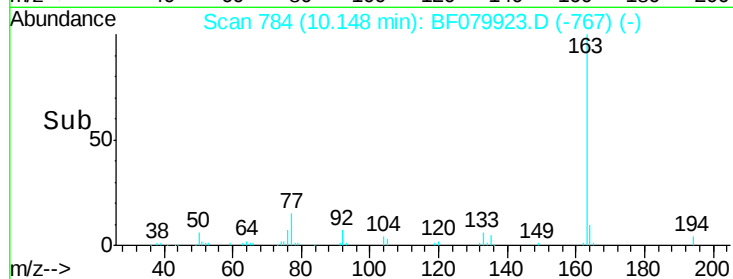
164 9.7 8.6 12.8



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: 11.97 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

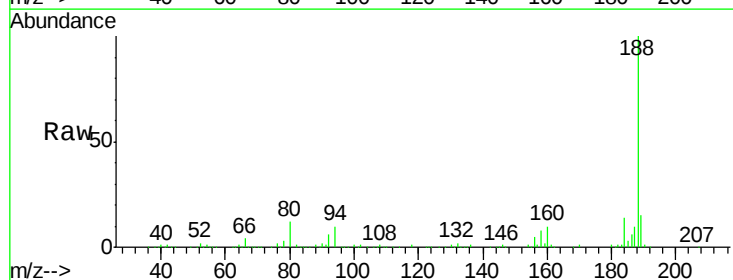
Tgt Ion:188 Resp: 294138

Ion Ratio Lower Upper

188 100

94 10.4 5.8 8.8#

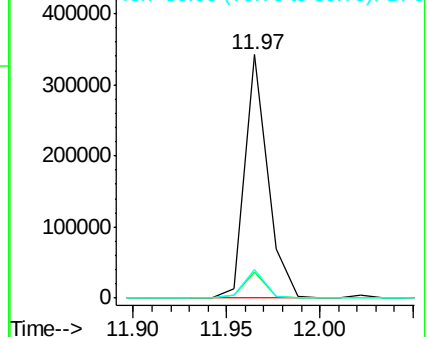
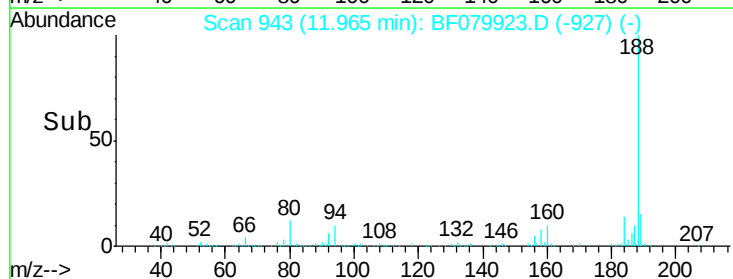
80 12.0 5.9 8.9#

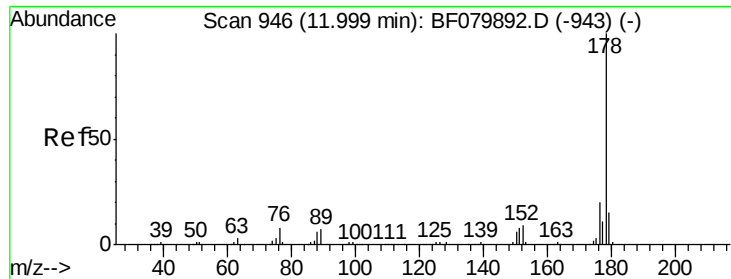


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

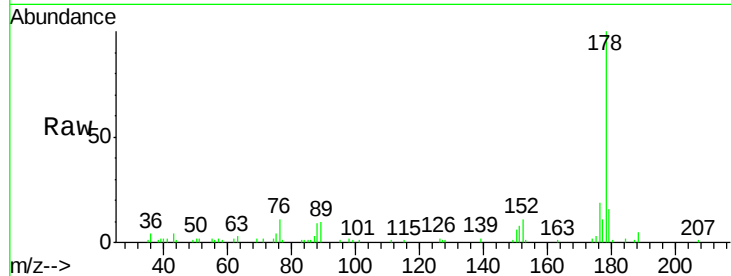




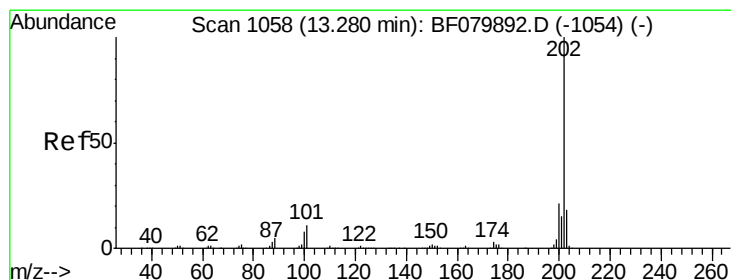
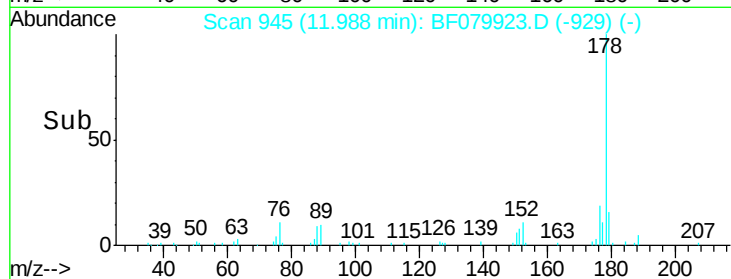
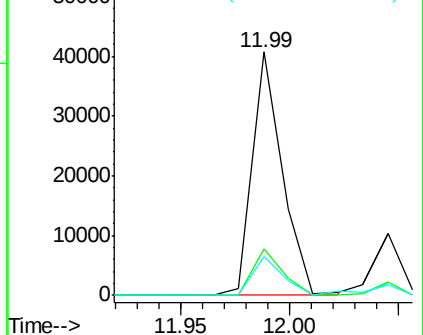
#70
Phenanthrene
Concen: 2.20 ng
RT: 11.99 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF079923.D
Acq: 12 Jun 2015 6:17

Instrument :
BNA_F
ClientSampleId :
S5

Tgt Ion:178 Resp: 39139
Ion Ratio Lower Upper
178 100
176 19.1 15.9 23.9
179 16.0 12.3 18.5

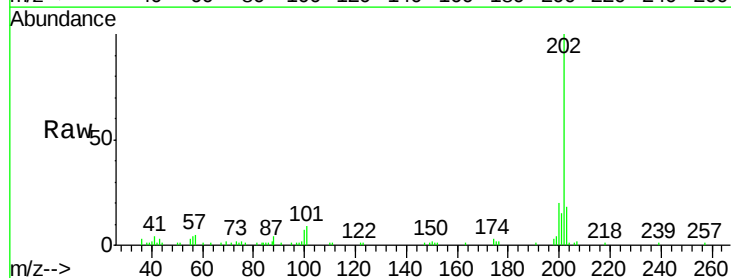


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

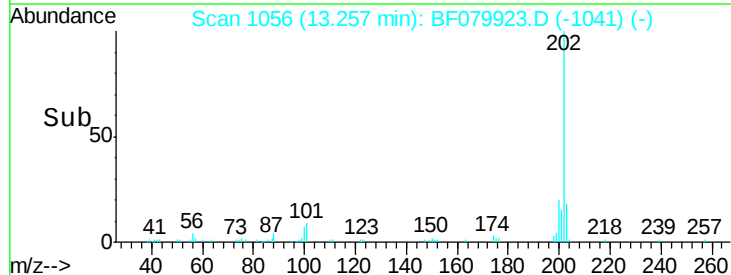
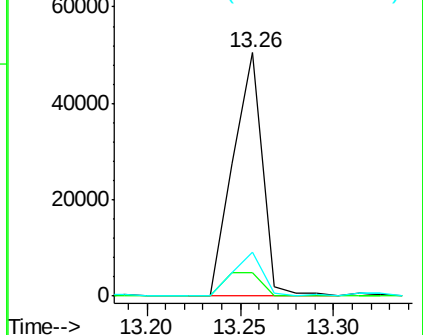


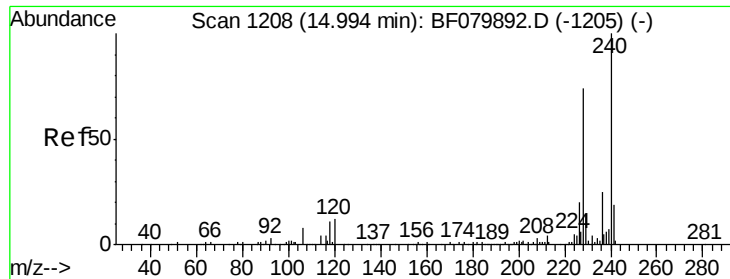
#74
Fluoranthene
Concen: 2.98 ng
RT: 13.26 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF079923.D
Acq: 12 Jun 2015 6:17

Tgt Ion:202 Resp: 55651
Ion Ratio Lower Upper
202 100
101 9.4 0.0 30.7
203 17.9 0.0 38.0



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: 14.87 min Scan# 1197

Delta R.T. -0.13 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

S5

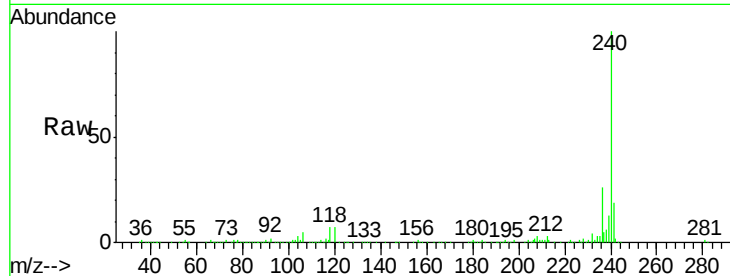
Tgt Ion:240 Resp: 332426

Ion Ratio Lower Upper

240 100

120 7.3 9.4 14.2#

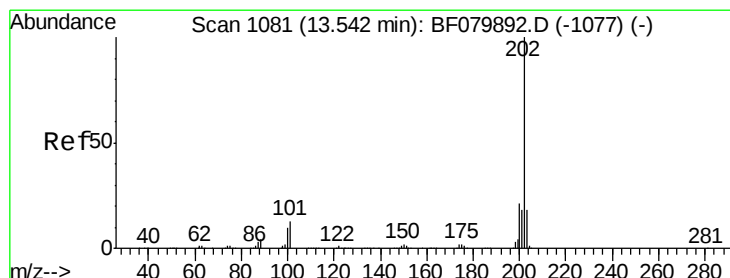
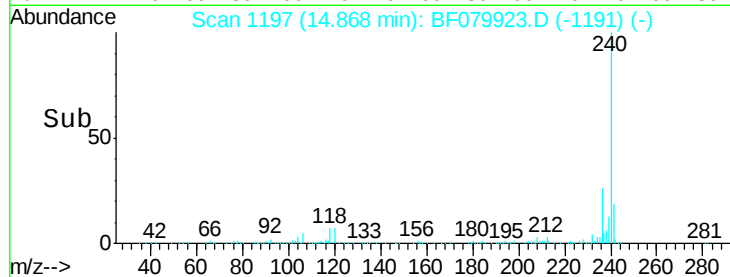
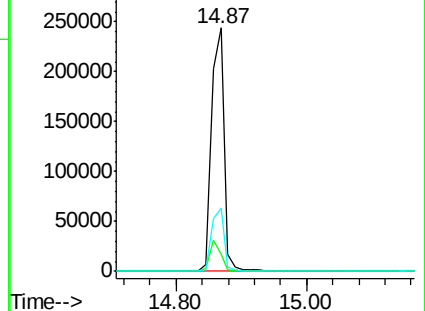
236 25.7 19.6 29.4



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



#77

Pyrene

Concen: 2.87 ng

RT: 13.51 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

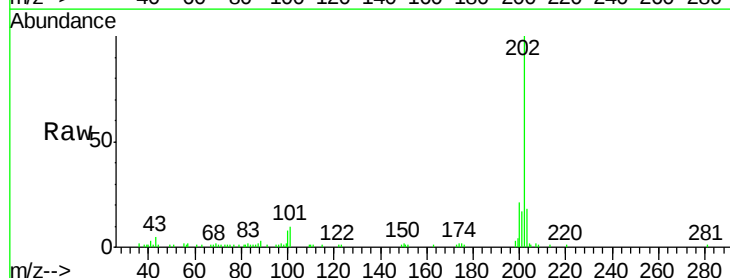
Tgt Ion:202 Resp: 59117

Ion Ratio Lower Upper

202 100

200 20.6 16.8 25.2

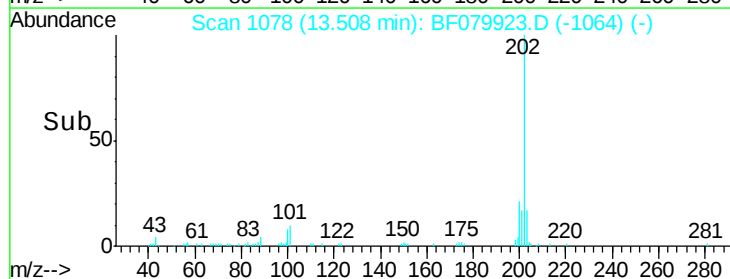
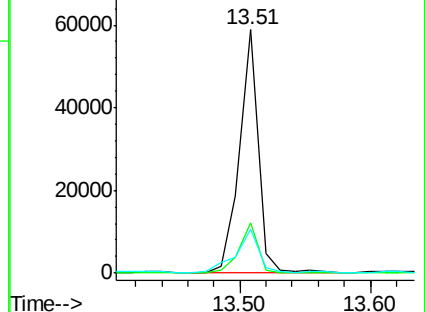
203 17.9 14.4 21.6

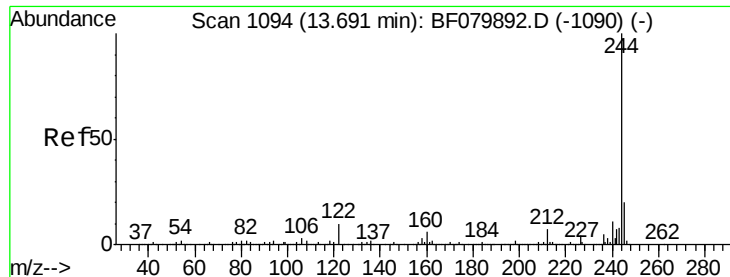


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.49 ng

RT: 13.65 min Scan# 1090

Delta R.T. -0.05 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Instrument :

BNA_F

ClientSampled :

S5

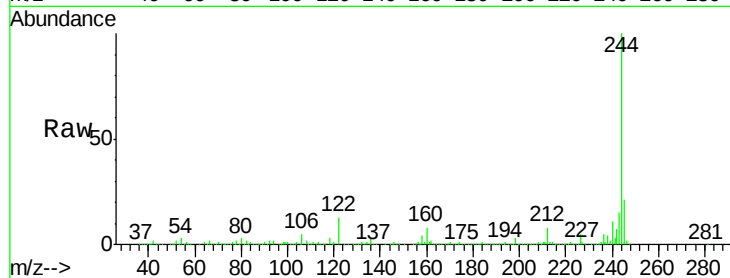
Tgt Ion:244 Resp: 1206755

Ion Ratio Lower Upper

244 100

212 7.5 5.4 8.2

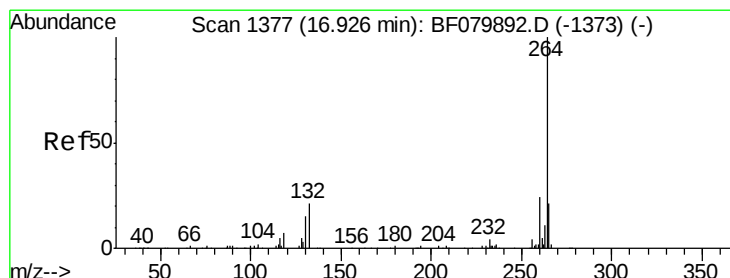
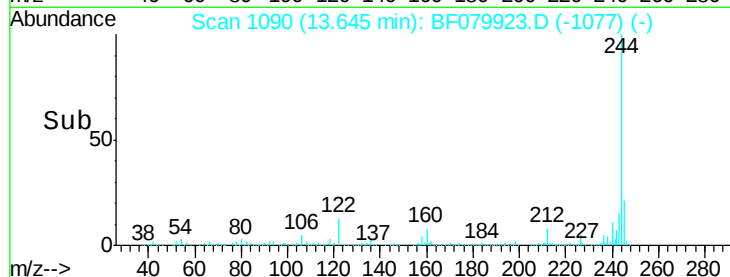
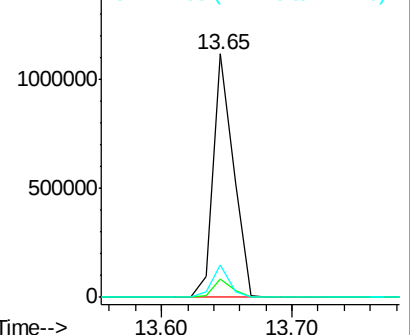
122 13.3 7.8 11.8#



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: 16.71 min Scan# 1358

Delta R.T. -0.22 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

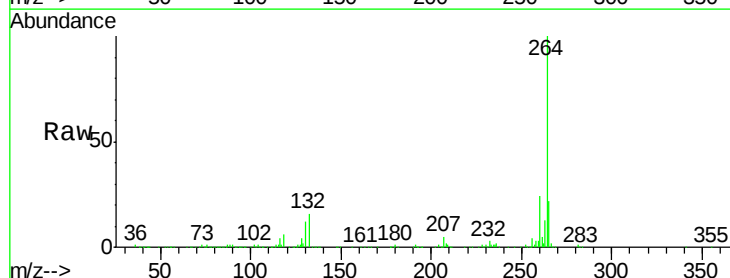
Tgt Ion:264 Resp: 323769

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

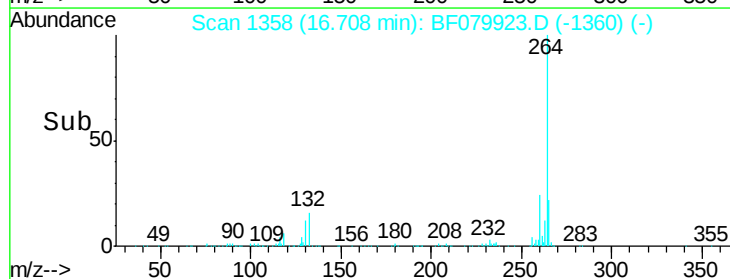
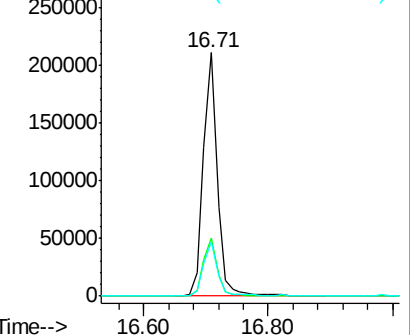
265 22.4 17.0 25.6

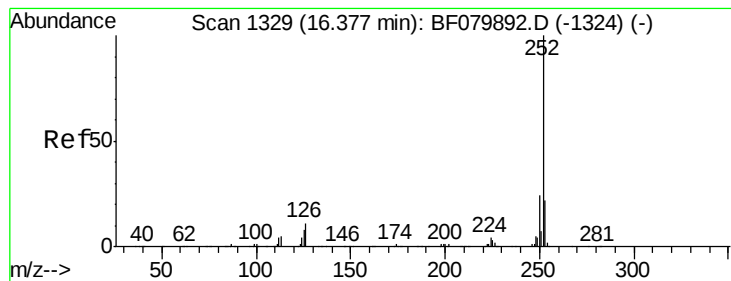


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.45 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.22 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

Instrument :

BNA_F

ClientSampleId :

S5

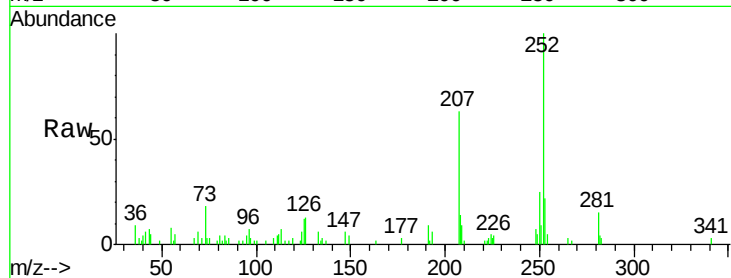
Tgt Ion:252 Resp: 47160

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

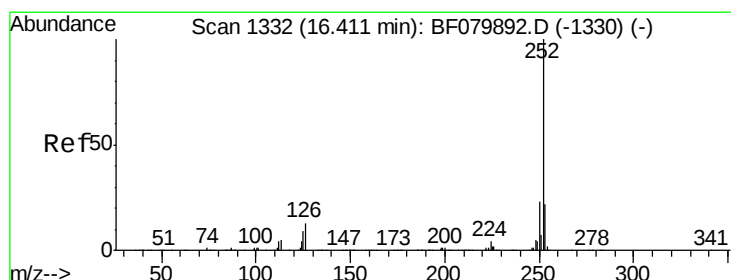
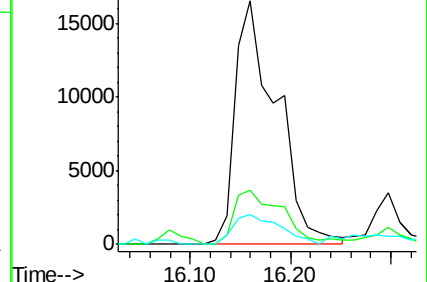
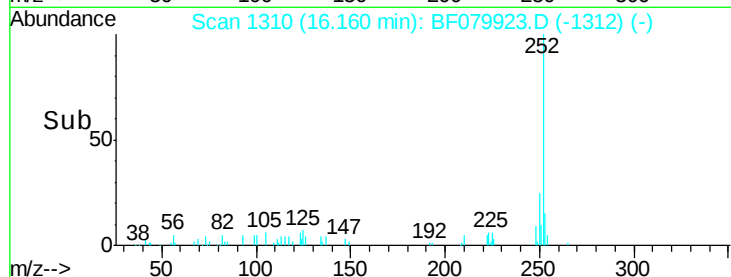
125 12.0 6.5 9.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.35 ng

RT: 16.16 min Scan# 1310

Delta R.T. -0.25 min

Lab File: BF079923.D

Acq: 12 Jun 2015 6:17

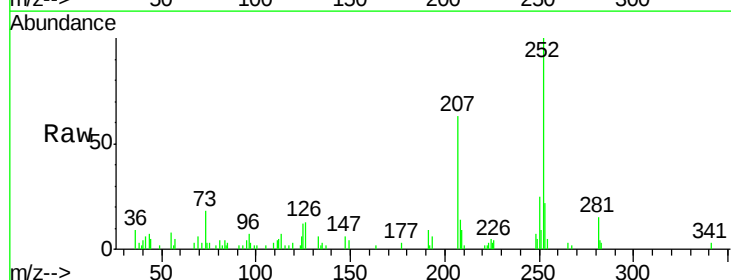
Tgt Ion:252 Resp: 47160

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.2

125 12.0 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

