

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077124.D
 Acq On : 29 Jan 2015 14:55
 Operator : TP/IZ
 Sample : G1137-01DL 10X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Quant Time: Jan 30 03:16:17 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:31:55 2015
 Response via : Initial Calibration

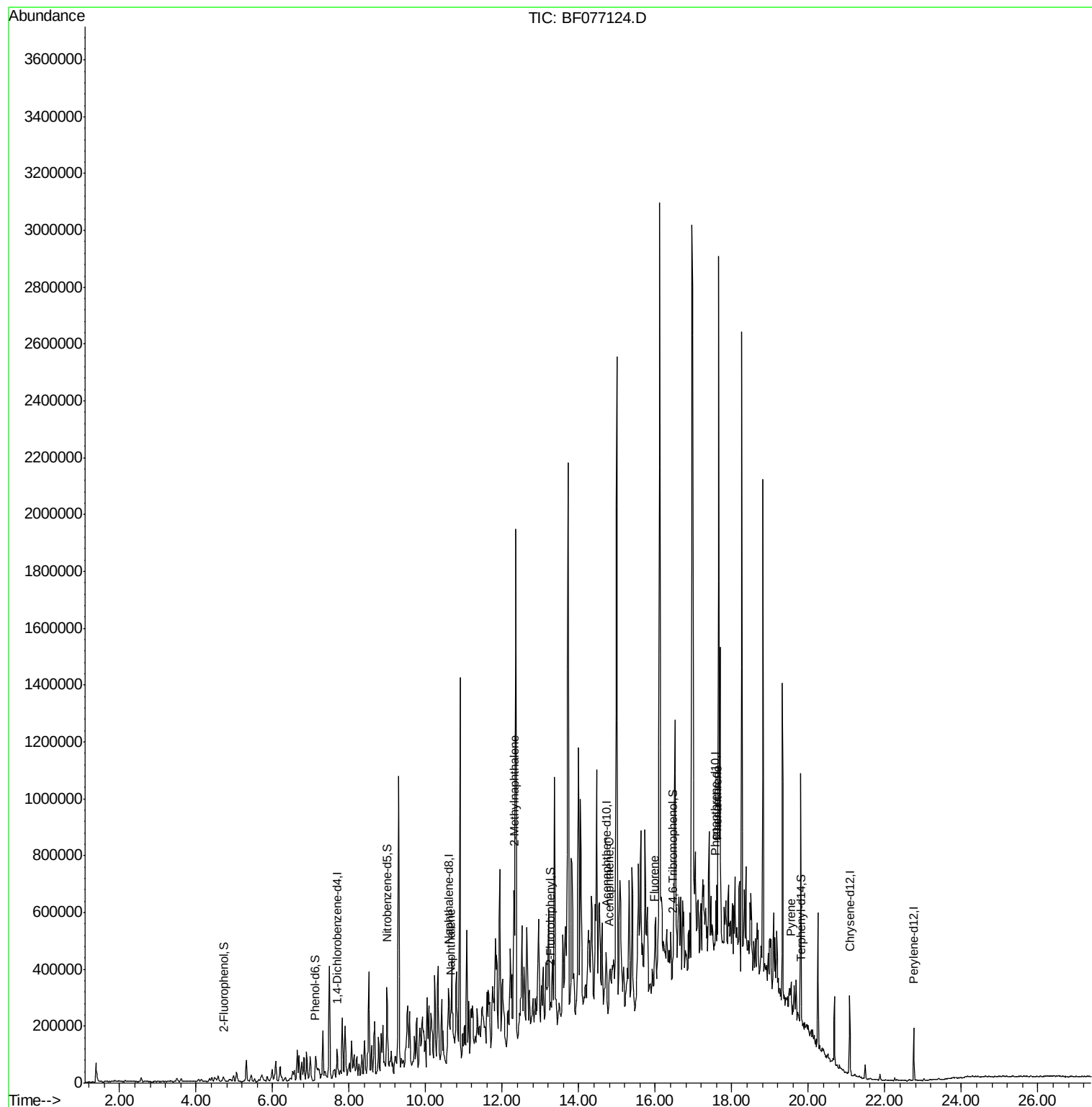
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	23358	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	97802	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	48747	20.00	ng	0.01
63) Phenanthrene-d10	17.58	188	82655	20.00	ng	0.01
75) Chrysene-d12	21.08	240	84910	20.00	ng	0.00
86) Perylene-d12	22.76	264	83640	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	4.72	112	11947	8.41	ng	0.01
7) Phenol-d6	7.11	99	15454	8.62	ng	0.01
23) Nitrobenzene-d5	8.98	82	11911	6.75	ng	0.00
41) 2,4,6-Tribromophenol	16.46	330	2993	7.56	ng	0.01
44) 2-Fluorobiphenyl	13.25	172	18414	5.75	ng	0.00
78) Terphenyl-d14	19.82	244	20011	5.43	ng	0.01
Target Compounds						
31) Naphthalene	10.64	128	56650	11.25	ng	Qvalue # 90
37) 2-Methylnaphthalene	12.31	142	212131	61.69	ng	96
51) Acenaphthene	14.80	154	18836	6.62	ng	82
57) Fluorene	15.98	166	38658	11.01	ng	# 90
70) Phenanthrene	17.61	178	120429	23.36	ng	98
77) Pyrene	19.55	202	25566	4.39	ng	# 74

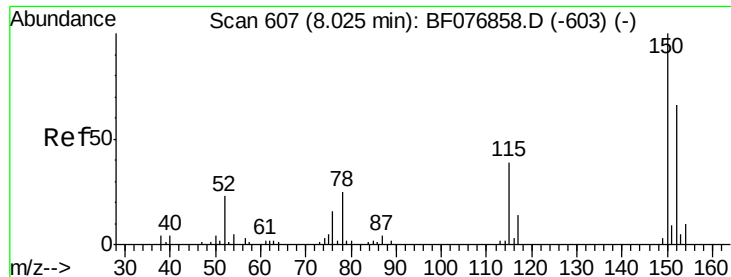
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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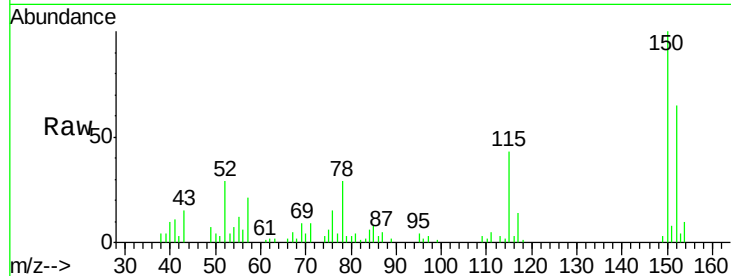




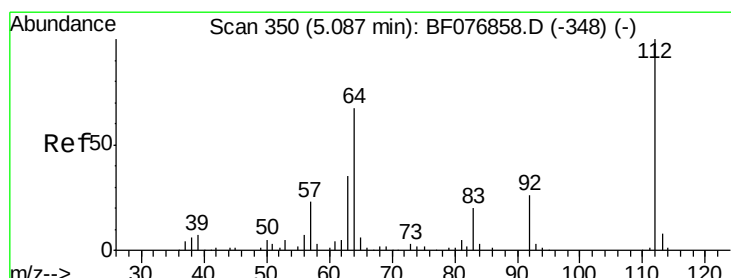
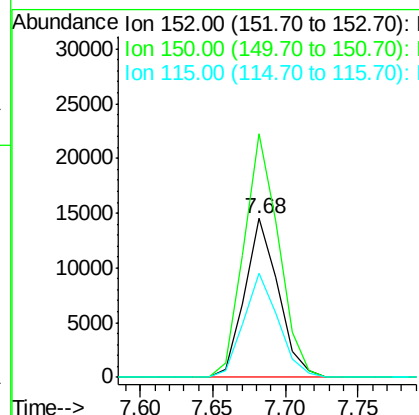
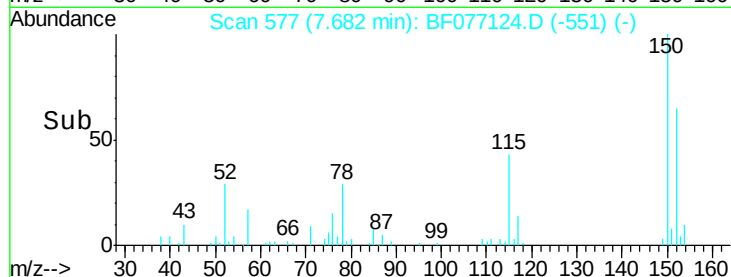
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.68 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Tgt Ion:152 Resp: 23358
 Ion Ratio Lower Upper
 152 100
 150 153.5 121.7 182.5
 115 65.3 47.0 70.6

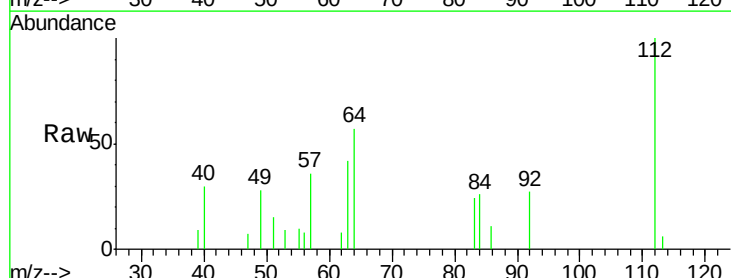


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

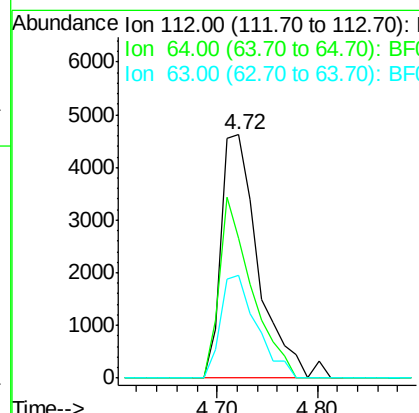
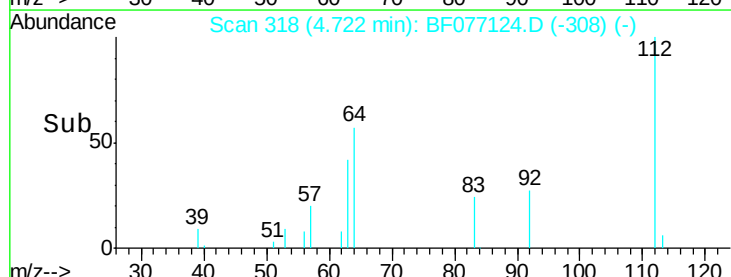


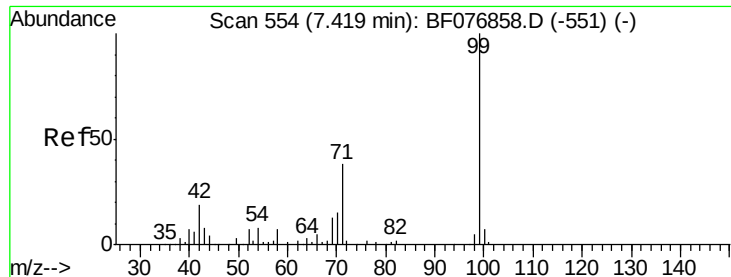
#5
 2-Fluorophenol
 Concen: 8.41 ng
 RT: 4.72 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Tgt Ion:112 Resp: 11947
 Ion Ratio Lower Upper
 112 100
 64 57.2 54.2 81.4
 63 42.1 28.4 42.6



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: 8.62 ng

RT: 7.11 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

Instrument :

BNA_F

ClientSampled :

104B1ADL

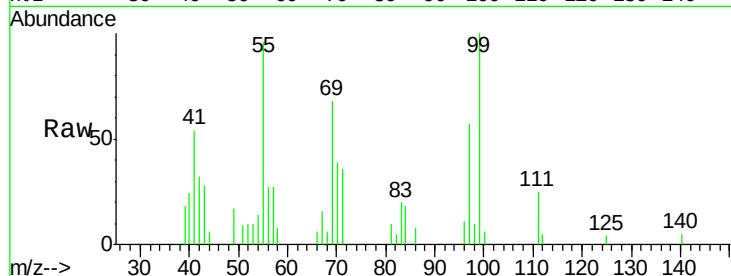
Tgt Ion: 99 Resp: 15454

Ion Ratio Lower Upper

99 100

42 32.4 15.0 22.4#

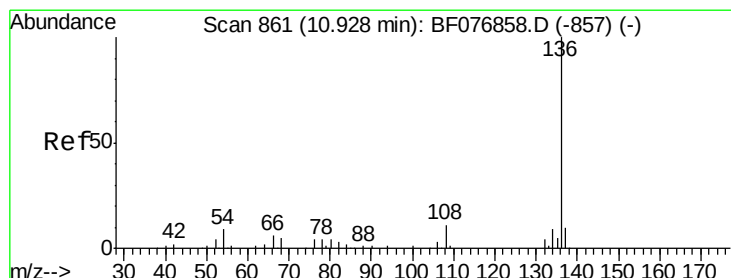
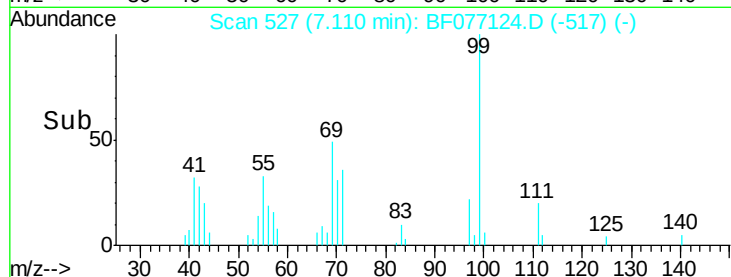
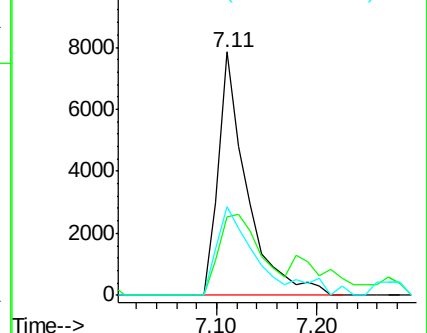
71 36.4 30.5 45.7



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: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

Tgt Ion: 136 Resp: 97802

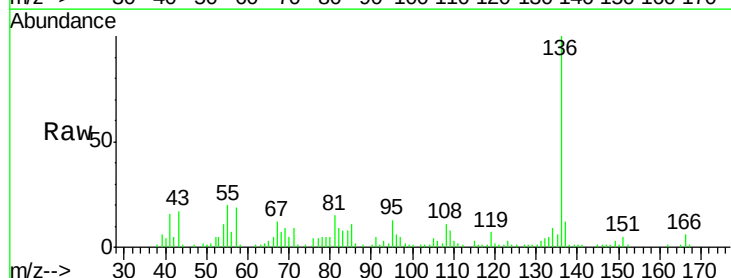
Ion Ratio Lower Upper

136 100

137 11.9 8.1 12.1

54 10.6 7.0 10.4#

68 7.2 3.7 5.5#

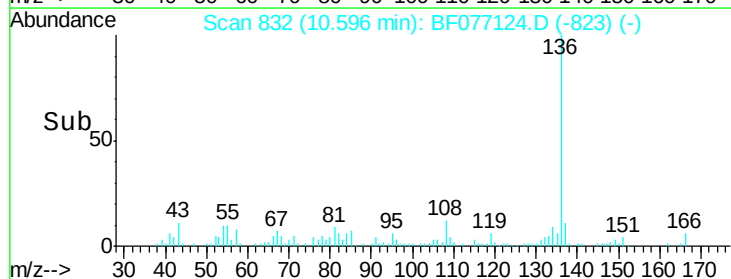
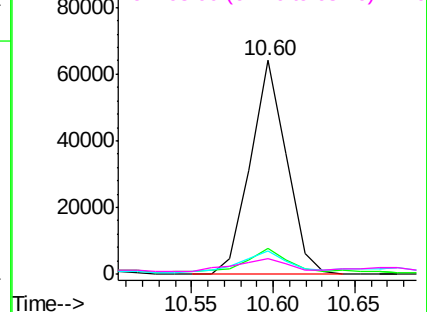


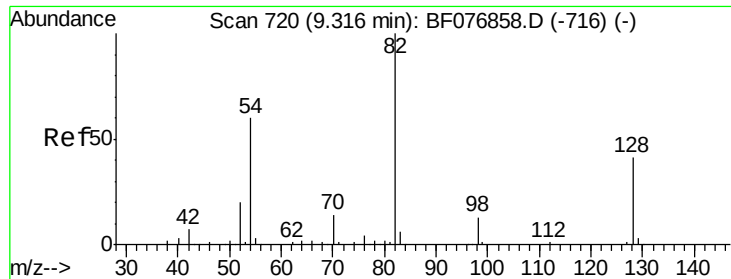
Abundance Ion 136.00 (135.70 to 136.70): E

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

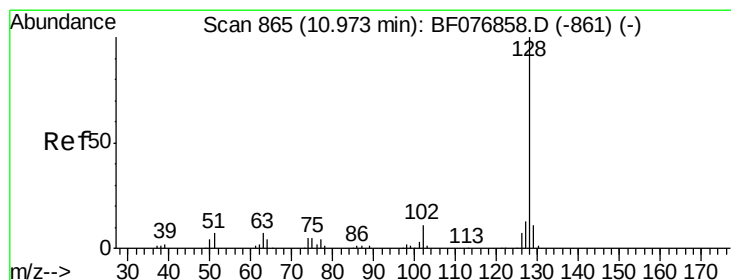
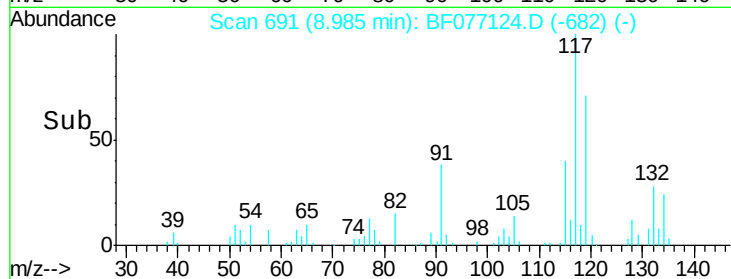
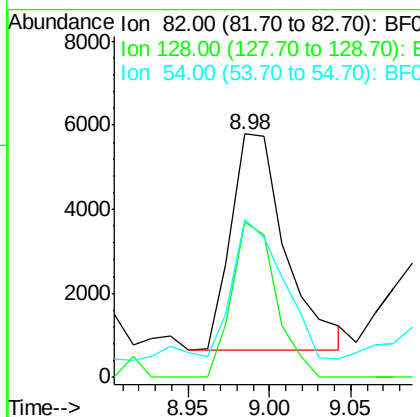
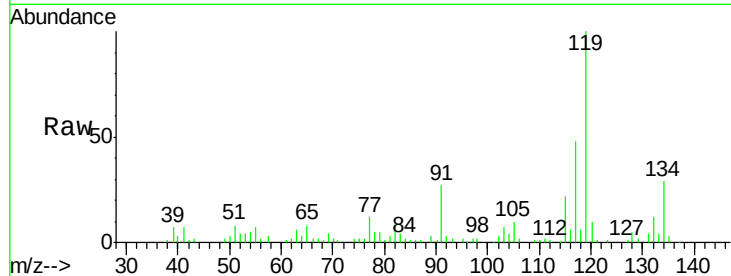




#23
 Nitrobenzene-d5
 Concen: 6.75 ng
 RT: 8.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

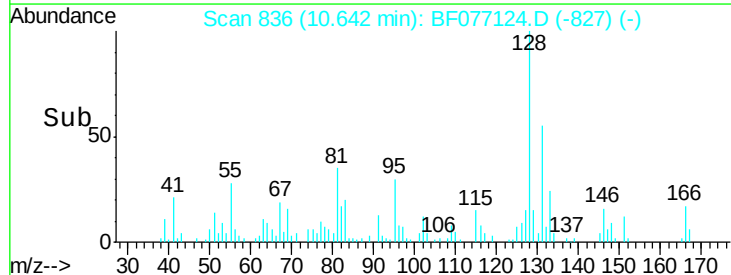
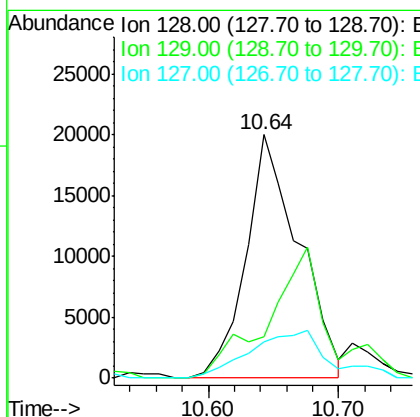
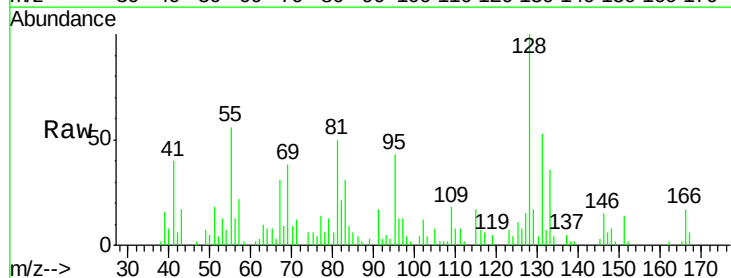
Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

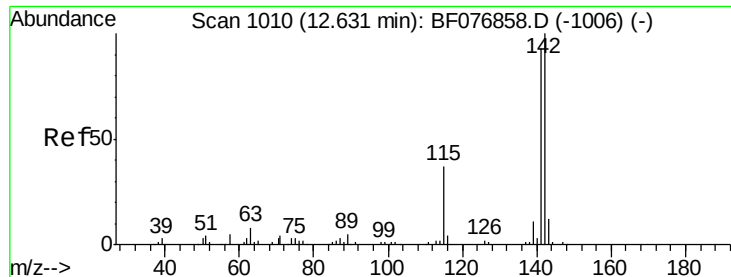
Tgt Ion: 82 Resp: 11911
 Ion Ratio Lower Upper
 82 100
 128 63.9 33.1 49.7#
 54 64.7 48.3 72.5



#31
 Naphthalene
 Concen: 11.25 ng
 RT: 10.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Tgt Ion: 128 Resp: 56650
 Ion Ratio Lower Upper
 128 100
 129 17.0 9.0 13.6#
 127 15.1 10.2 15.2

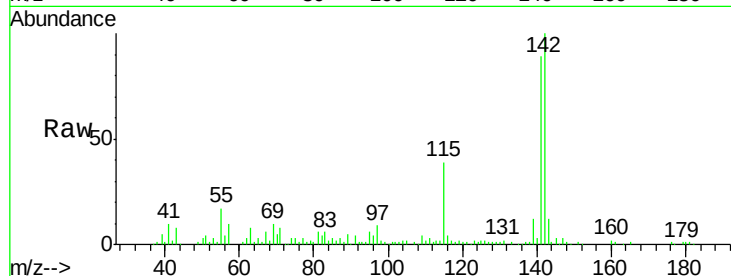




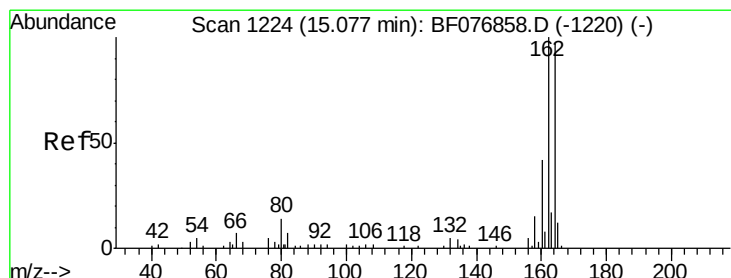
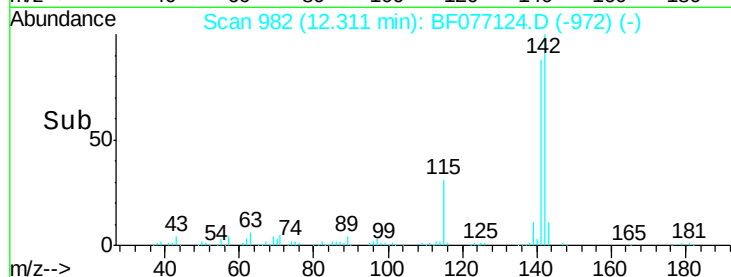
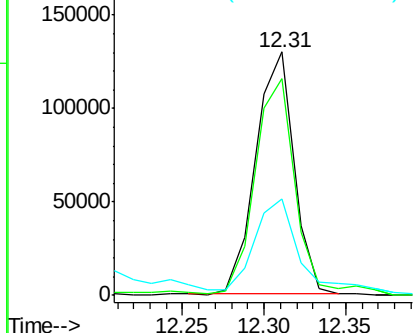
#37
 2-Methylnaphthalene
 Concen: 61.69 ng
 RT: 12.31 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

Tgt Ion:142 Resp: 212131
 Ion Ratio Lower Upper
 142 100
 141 88.9 74.5 111.7
 115 39.5 29.7 44.5

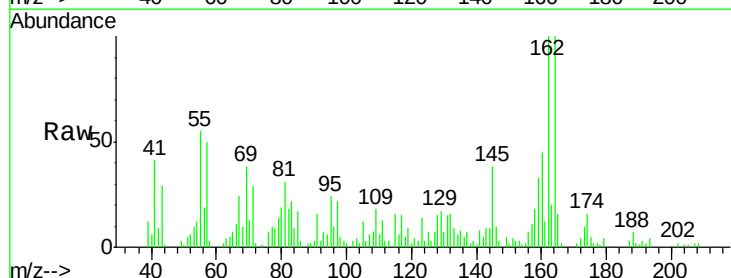


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

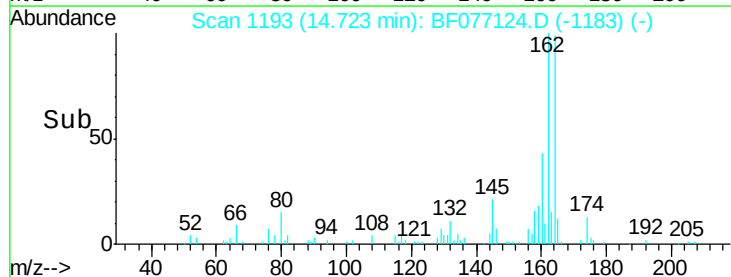
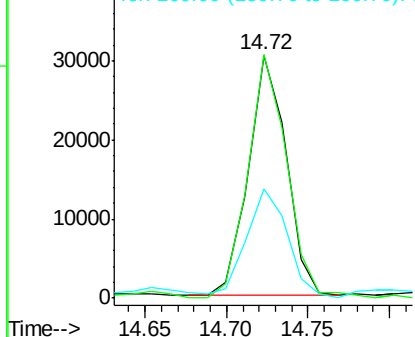


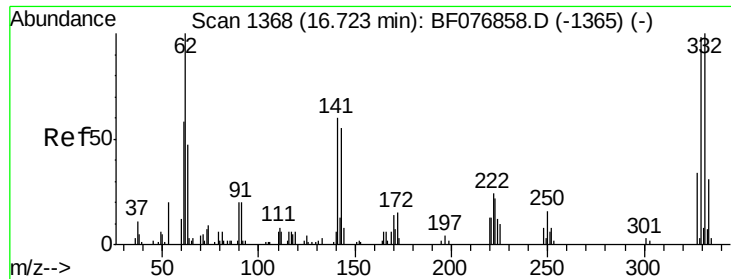
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 1193
 Delta R.T. 0.01 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Tgt Ion:164 Resp: 48747
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.4 123.6
 160 44.9 34.8 52.2



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

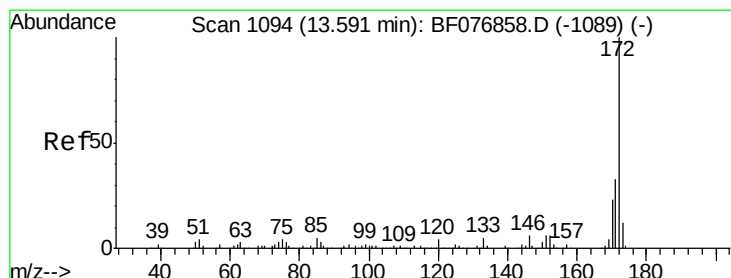
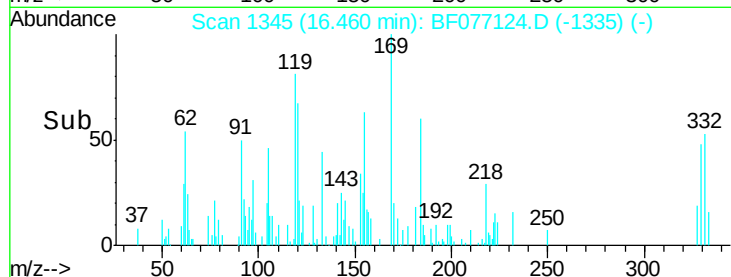
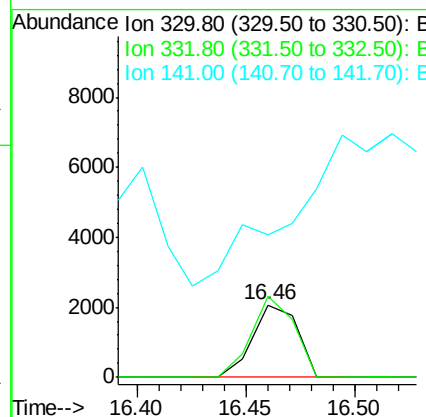
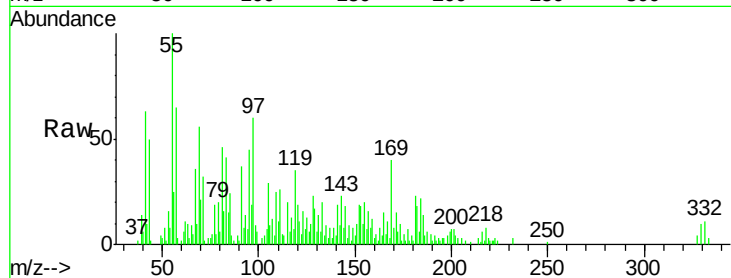




#41
 2,4,6-Tribromophenol
 Concen: 7.56 ng
 RT: 16.46 min Scan# 1345
 Delta R.T. 0.01 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

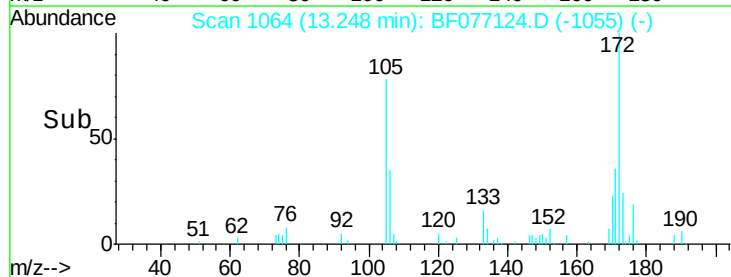
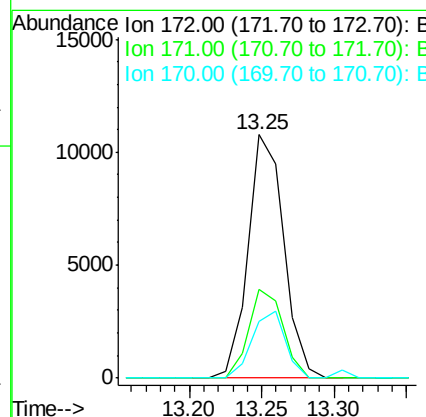
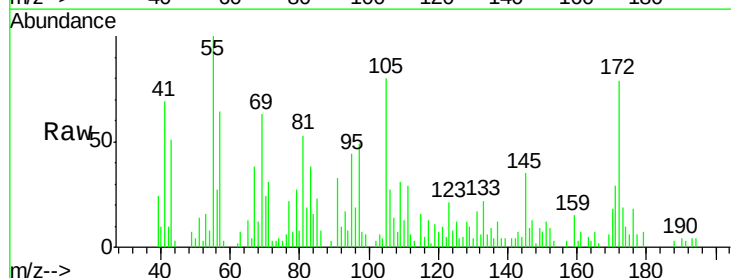
Instrument :
 BNA_F
 ClientSampleId :
 104B1ADL

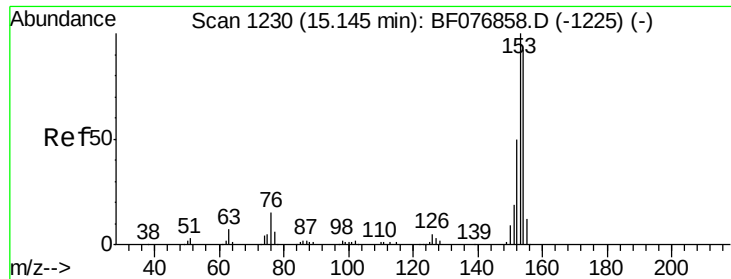
Tgt Ion: 330 Resp: 2993
 Ion Ratio Lower Upper
 330 100
 332 105.8 77.8 116.6
 141 0.0 38.5 57.7#



#44
 2-Fluorobiphenyl
 Concen: 5.75 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077124.D
 Acq: 29 Jan 2015 14:55

Tgt Ion: 172 Resp: 18414
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.6 40.0
 170 23.4 18.0 27.0





#51

Acenaphthene

Concen: 6.62 ng

RT: 14.80 min Scan# 1200

Delta R.T. 0.01 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

Instrument :

BNA_F

ClientSampleId :

104B1ADL

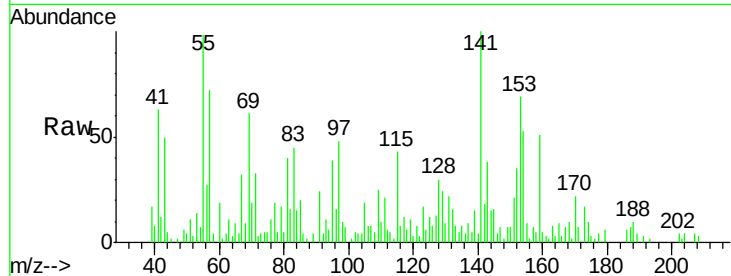
Tgt Ion:154 Resp: 18836

Ion Ratio Lower Upper

154 100

153 129.0 87.0 130.6

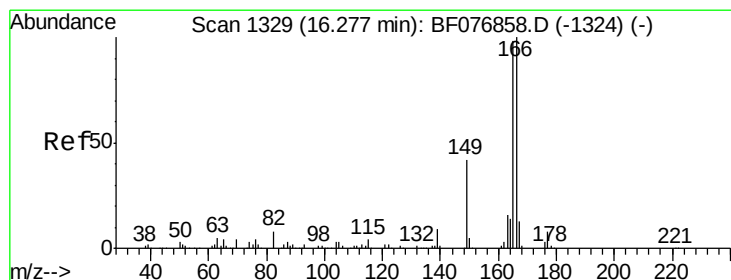
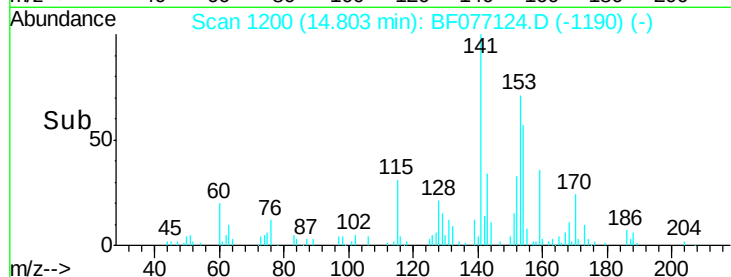
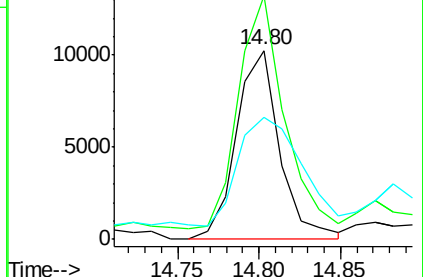
152 64.8 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#57

Fluorene

Concen: 11.01 ng

RT: 15.98 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

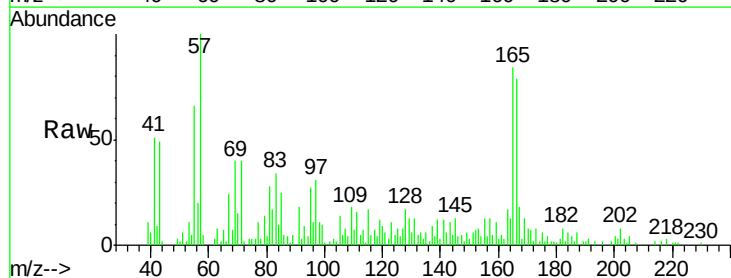
Tgt Ion:166 Resp: 38658

Ion Ratio Lower Upper

166 100

165 106.1 78.5 117.7

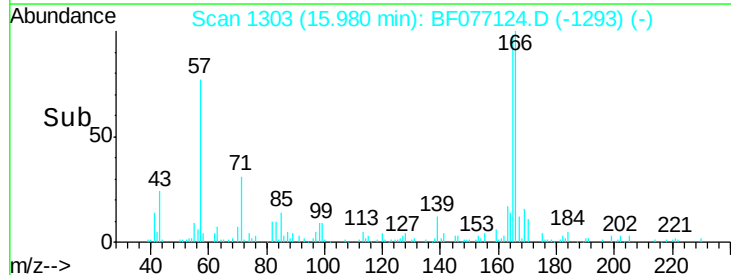
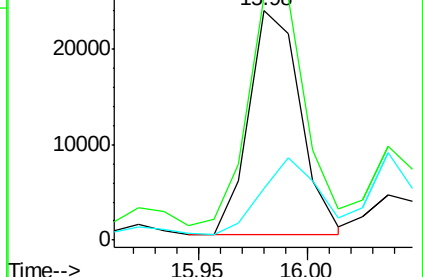
167 22.6 10.4 15.6#

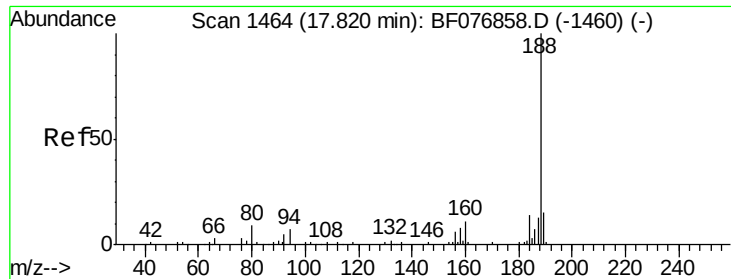


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

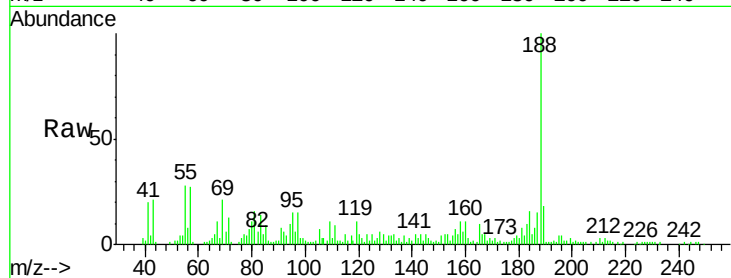




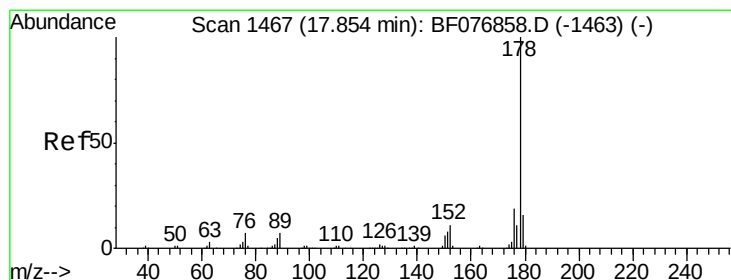
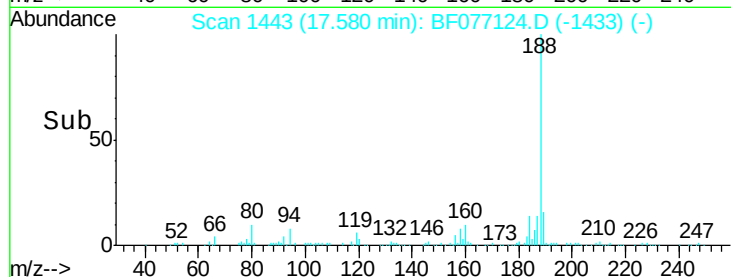
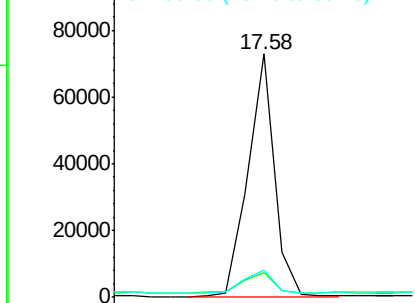
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.58 min Scan# 1443
Delta R.T. 0.01 min
Lab File: BF077124.D
Acq: 29 Jan 2015 14:55

Instrument :
BNA_F
ClientSampleId :
104B1ADL

Tgt Ion:188 Resp: 82655
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 11.3 6.9 10.3#

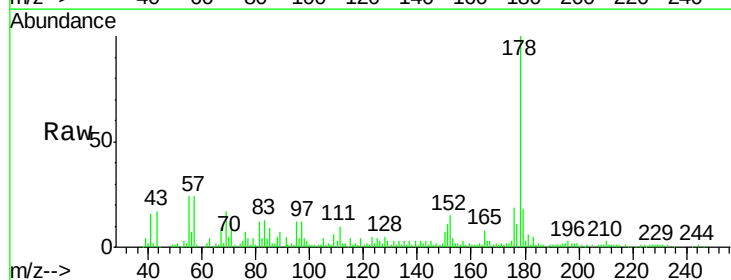


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

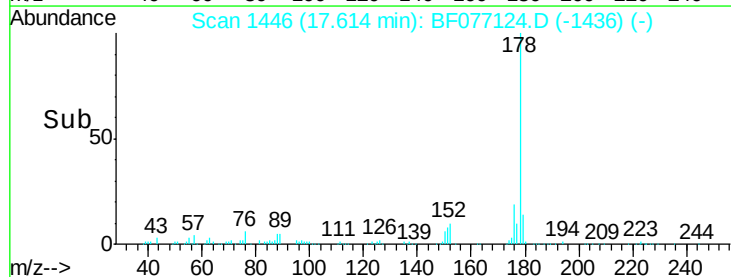
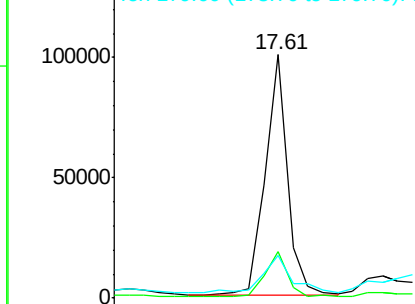


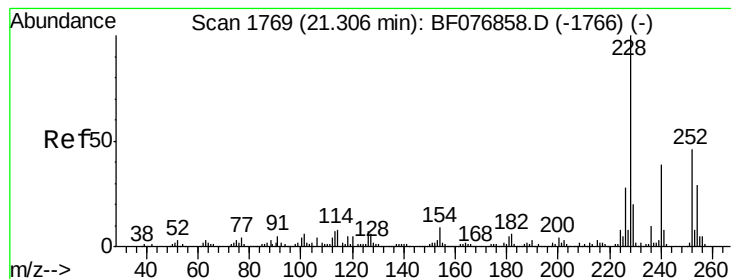
#70
Phenanthrene
Concen: 23.36 ng
RT: 17.61 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF077124.D
Acq: 29 Jan 2015 14:55

Tgt Ion:178 Resp: 120429
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 17.5 12.7 19.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.08 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

Instrument :

BNA_F

ClientSampleId :

104B1ADL

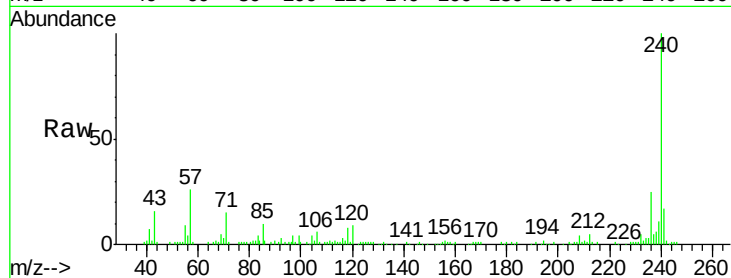
Tgt Ion:240 Resp: 84910

Ion Ratio Lower Upper

240 100

120 9.4 10.4 15.6#

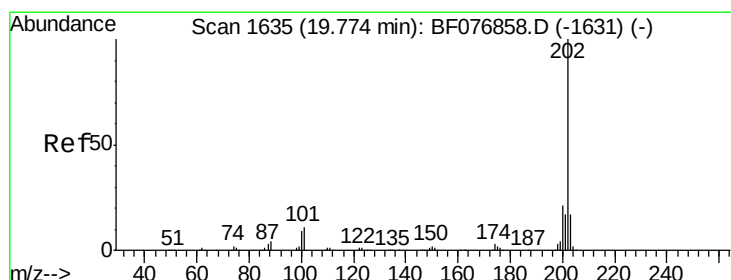
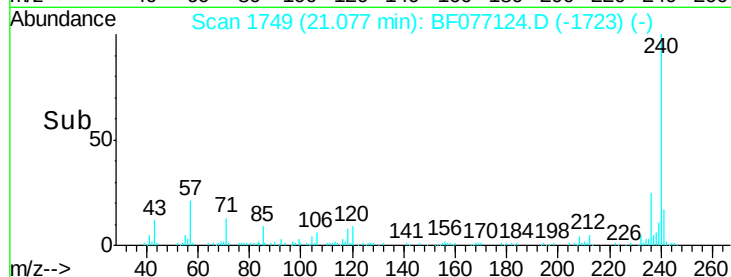
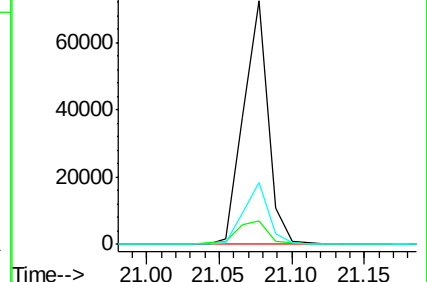
236 25.4 20.2 30.2



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: 4.39 ng

RT: 19.55 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

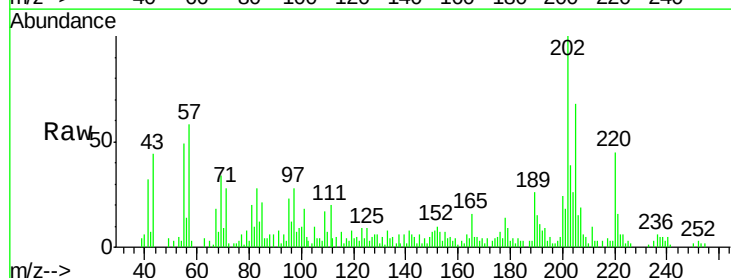
Tgt Ion:202 Resp: 25566

Ion Ratio Lower Upper

202 100

200 23.8 16.7 25.1

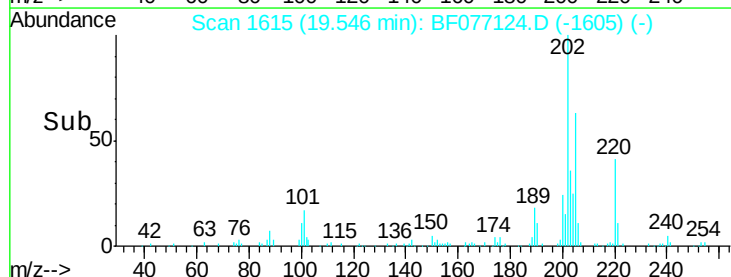
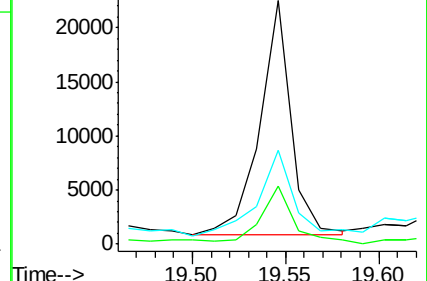
203 38.8 14.0 21.0#

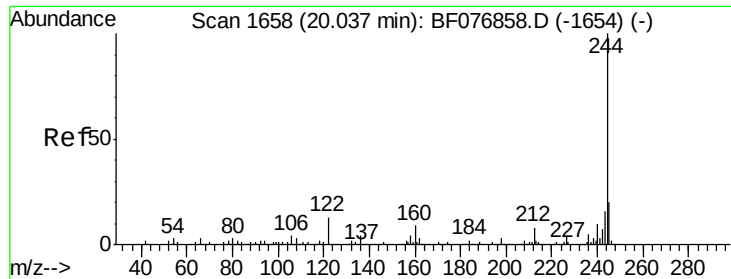


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 5.43 ng

RT: 19.82 min Scan# 1639

Delta R.T. 0.01 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

Instrument :

BNA_F

ClientSampleId :

104B1ADL

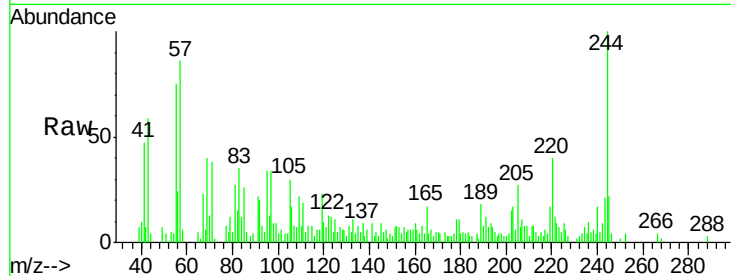
Tgt Ion:244 Resp: 20011

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

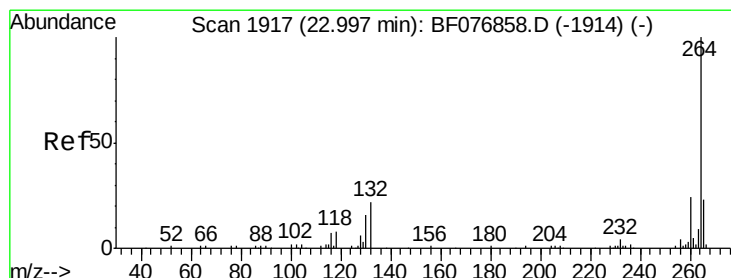
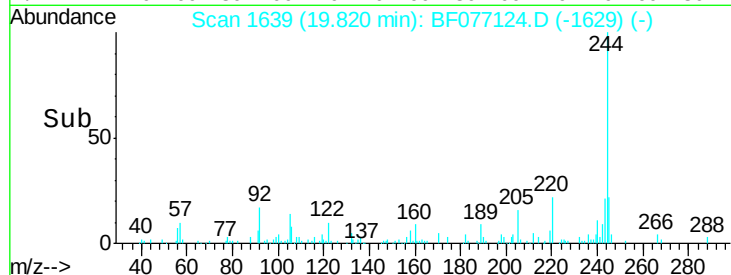
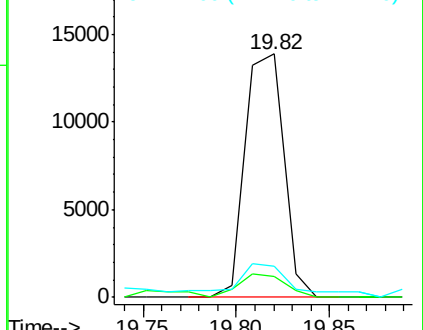
122 12.7 10.1 15.1



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: 22.76 min Scan# 1896

Delta R.T. 0.05 min

Lab File: BF077124.D

Acq: 29 Jan 2015 14:55

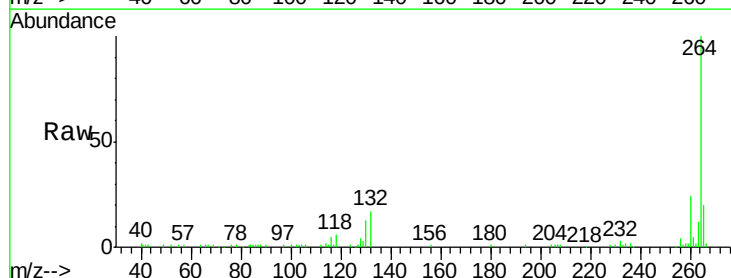
Tgt Ion:264 Resp: 83640

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.4

265 19.7 18.1 27.1



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

