

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012815\
 Data File : BF077114.D
 Acq On : 28 Jan 2015 22:06
 Operator : TP/IZ
 Sample : G1137-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 104B3

Quant Time: Jan 29 11:31:00 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 29 00:11:13 2015
 Response via : Initial Calibration

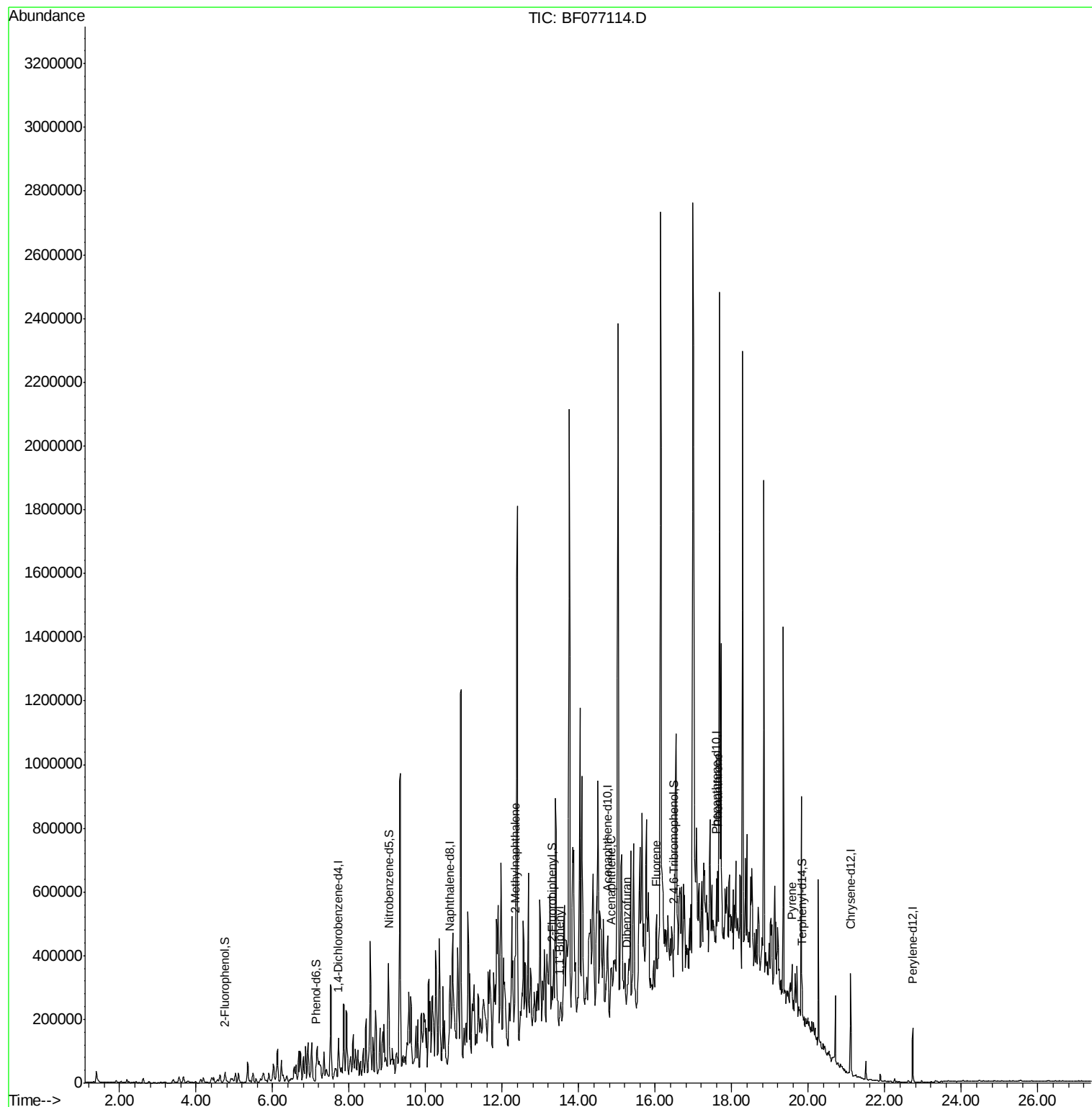
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	29389	20.00	ng	0.00
21) Naphthalene-d8	10.63	136	119724	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	54532	20.00	ng	0.01
63) Phenanthrene-d10	17.60	188	101024	20.00	ng	0.01
75) Chrysene-d12	21.10	240	93515	20.00	ng	0.00
86) Perylene-d12	22.73	264	91126	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.76	112	19684	11.01	ng	0.00
7) Phenol-d6	7.13	99	24704	10.96	ng	-0.01
23) Nitrobenzene-d5	9.03	82	15963	7.39	ng	0.01
41) 2,4,6-Tribromophenol	16.49	330	5370	12.13	ng	0.01
44) 2-Fluorobiphenyl	13.29	172	30215	8.43	ng	0.01
78) Terphenyl-d14	19.84	244	29568	7.28	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.33	142	92150	21.89	ng	96
45) 1,1'-Biphenyl	13.49	154	10045	2.48	ng	97
51) Acenaphthene	14.84	154	20396	6.41	ng	# 87
54) Dibenzofuran	15.26	168	12355	2.66	ng	# 76
57) Fluorene	16.01	166	40586	10.33	ng	# 85
70) Phenanthrene	17.64	178	111729	17.73	ng	96
77) Pyrene	19.57	202	33909	5.29	ng	# 81

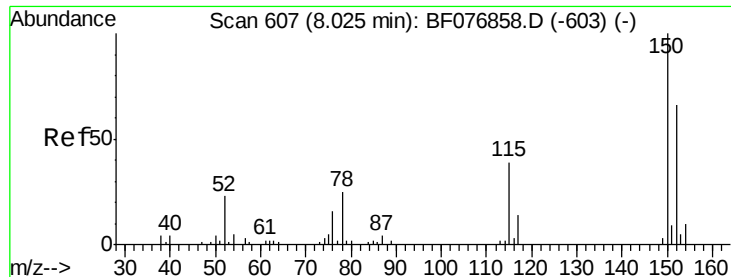
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 29 00:11:13 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 580

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA_F

ClientSampleId :

104B3

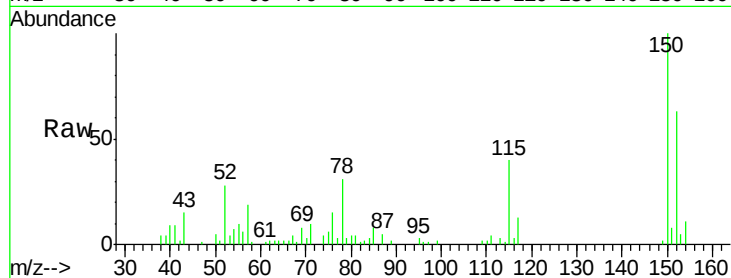
Tgt Ion:152 Resp: 29389

Ion Ratio Lower Upper

152 100

150 159.0 121.7 182.5

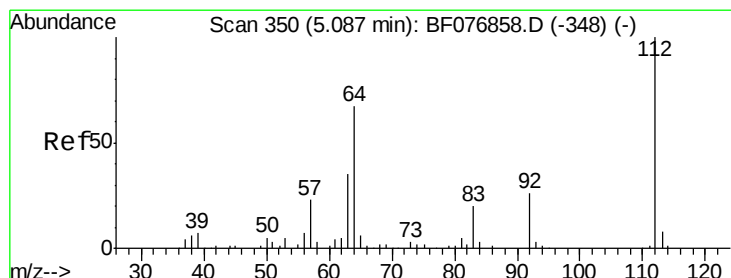
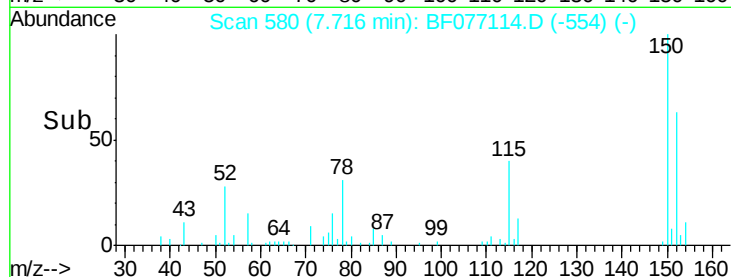
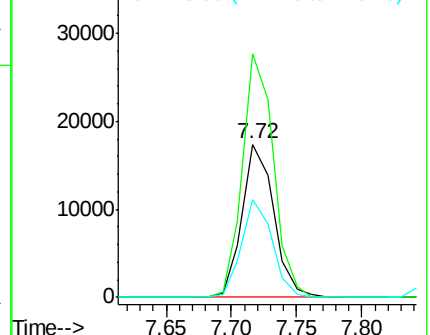
115 64.1 47.0 70.6



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: 11.01 ng

RT: 4.76 min Scan# 321

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

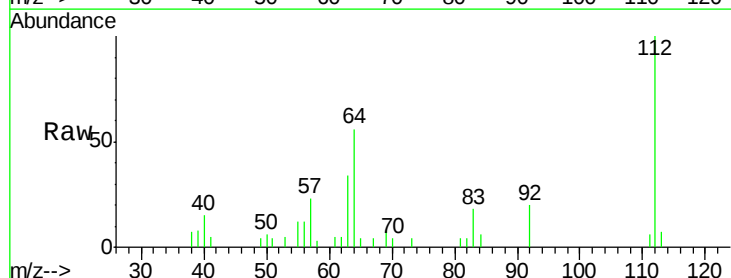
Tgt Ion:112 Resp: 19684

Ion Ratio Lower Upper

112 100

64 56.4 54.2 81.4

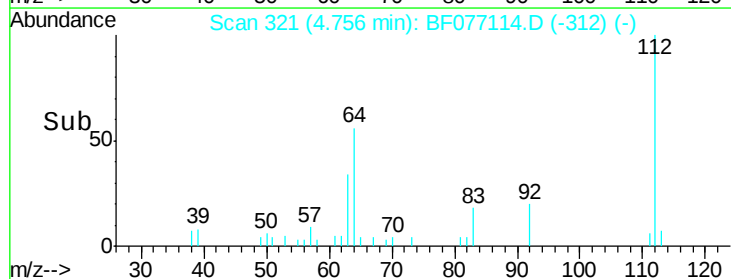
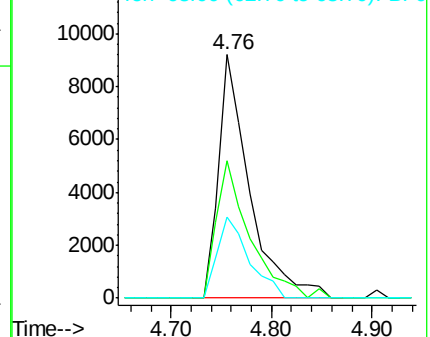
63 33.5 28.4 42.6

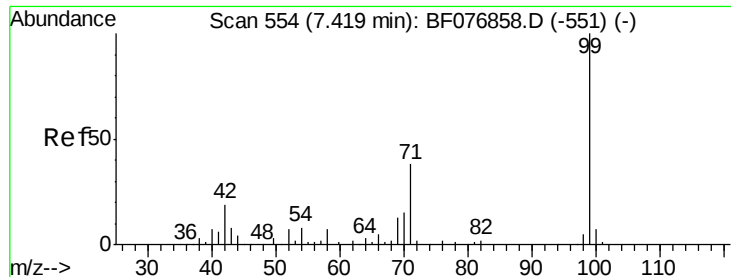


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.96 ng

RT: 7.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA_F

ClientSampleId :

104B3

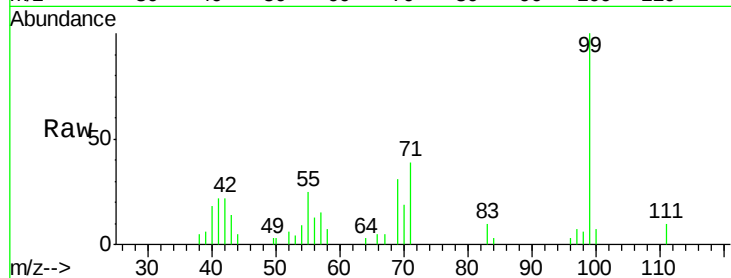
Tgt Ion: 99 Resp: 24704

Ion Ratio Lower Upper

99 100

42 22.4 15.0 22.4

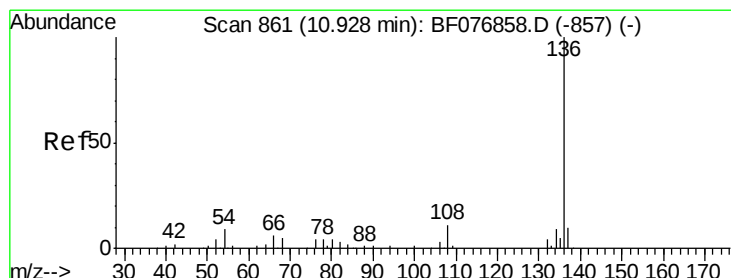
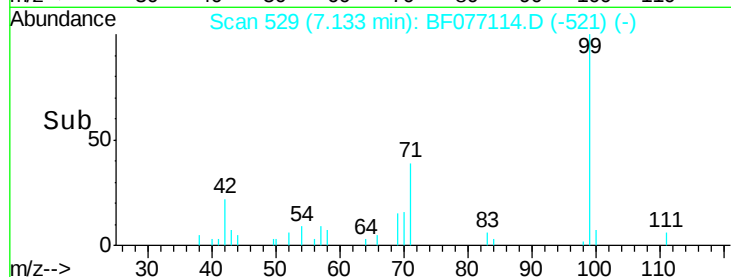
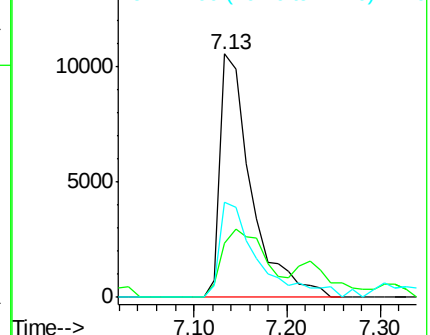
71 39.2 30.5 45.7



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: 10.63 min Scan# 835

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Tgt Ion: 136 Resp: 119724

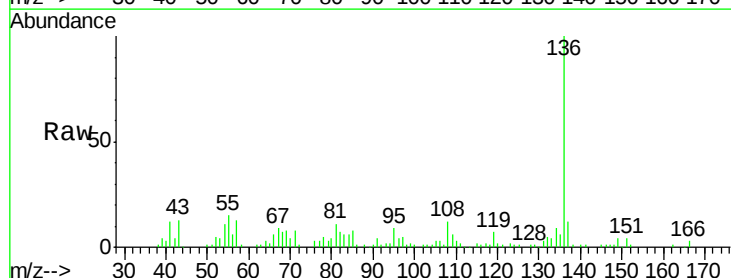
Ion Ratio Lower Upper

136 100

137 11.8 8.1 12.1

54 11.0 7.0 10.4#

68 7.1 3.7 5.5#

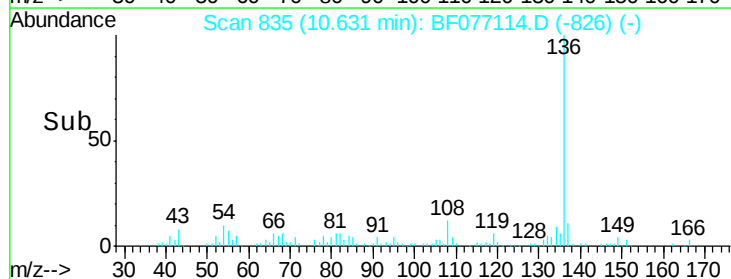
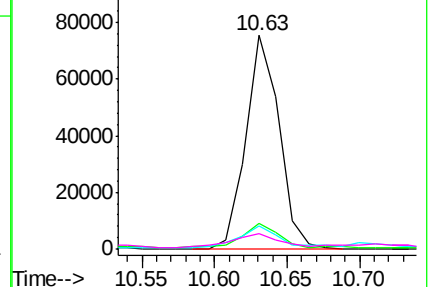


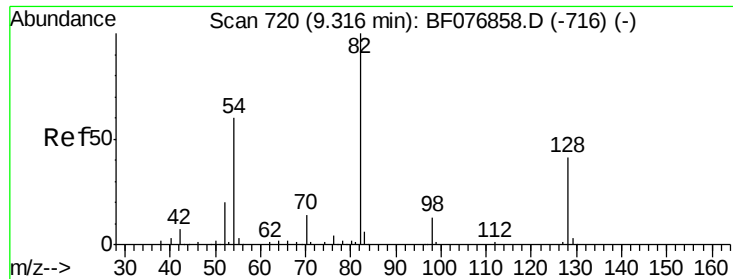
Abundance Ion 136.00 (135.70 to 136.70): E

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

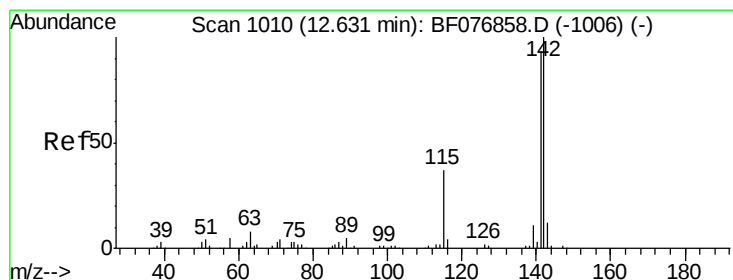
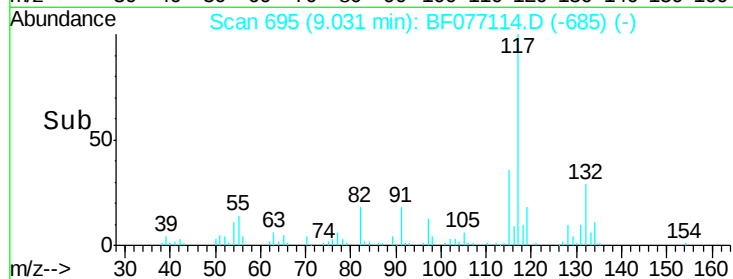
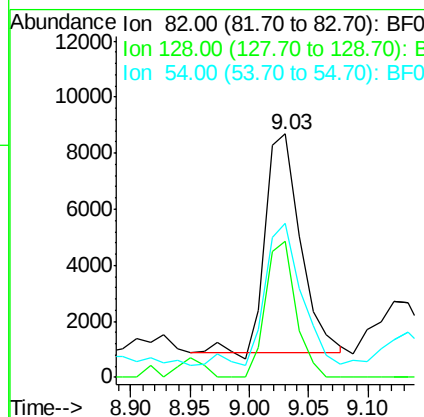
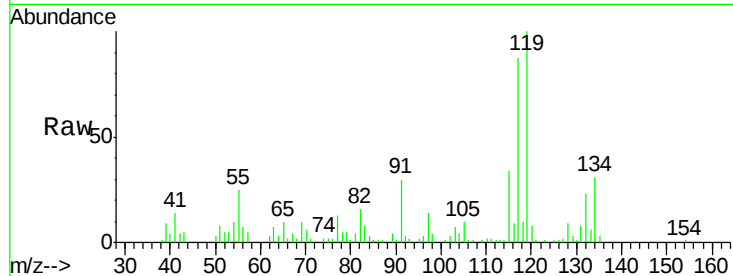




#23
 Nitrobenzene-d5
 Concen: 7.39 ng
 RT: 9.03 min Scan# 695
 Delta R.T. 0.01 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

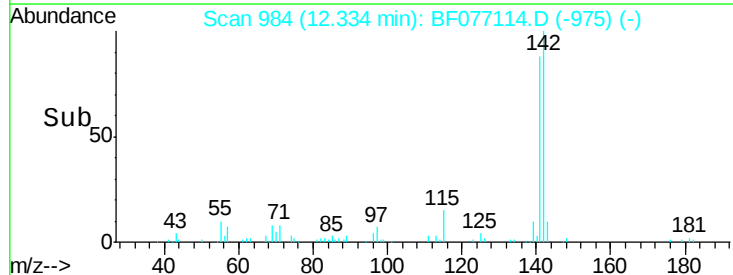
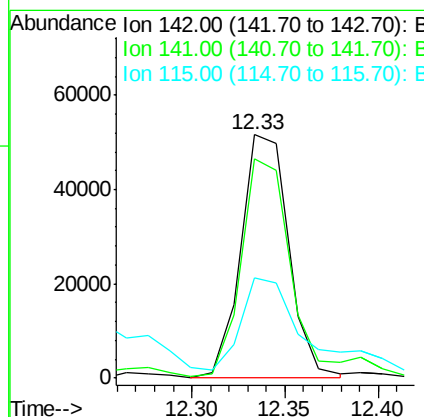
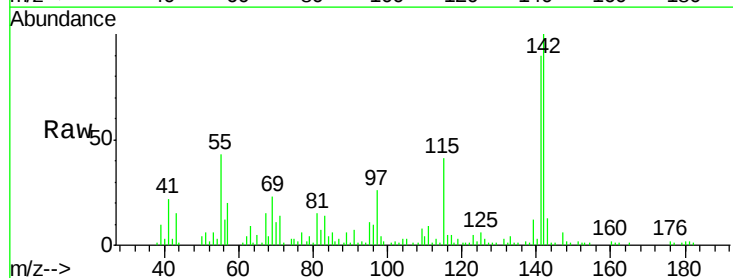
Instrument :
 BNA_F
 ClientSampleId :
 104B3

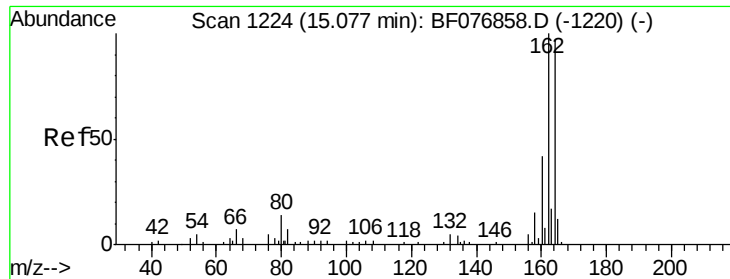
Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.7	33.1	49.7#
54	63.1	48.3	72.5



#37
 2-Methylnaphthalene
 Concen: 21.89 ng
 RT: 12.33 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	74.5	111.7
115	41.0	29.7	44.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA_F

ClientSampleId :

104B3

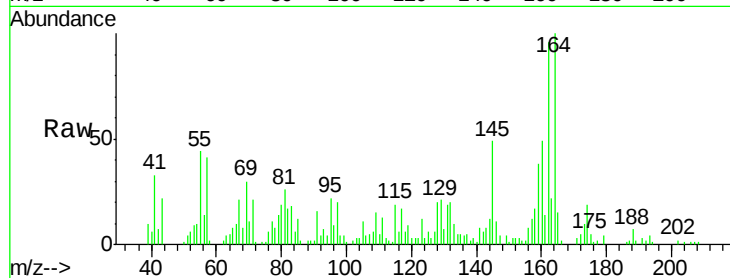
Tgt Ion:164 Resp: 54532

Ion Ratio Lower Upper

164 100

162 96.1 82.4 123.6

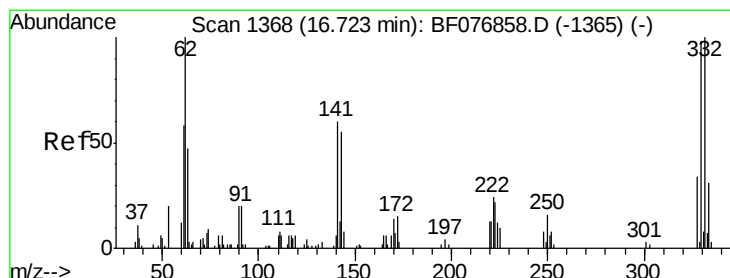
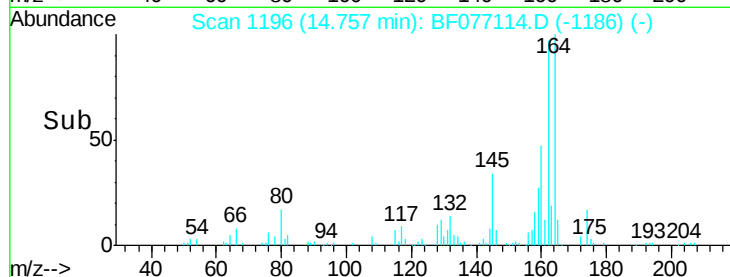
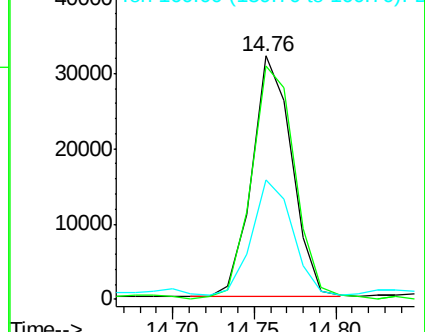
160 49.0 34.8 52.2



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: 12.13 ng

RT: 16.49 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

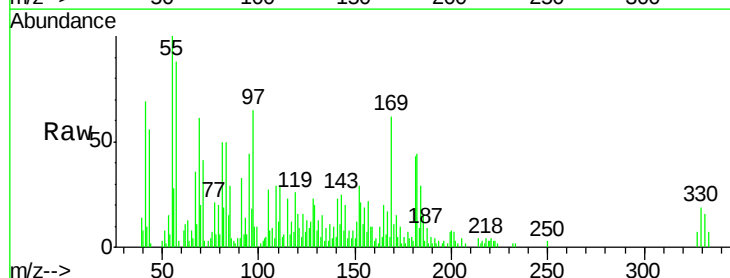
Tgt Ion:330 Resp: 5370

Ion Ratio Lower Upper

330 100

332 82.8 77.8 116.6

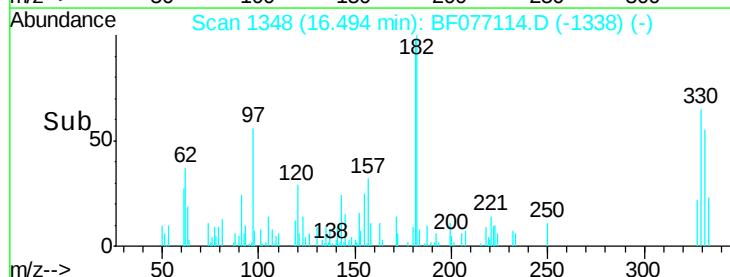
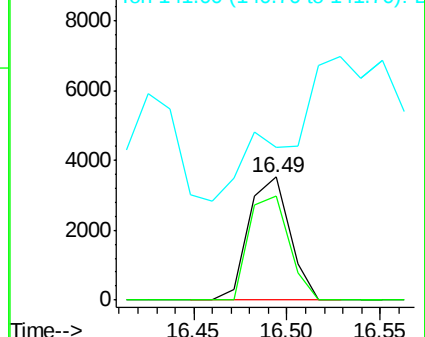
141 0.0 38.5 57.7#

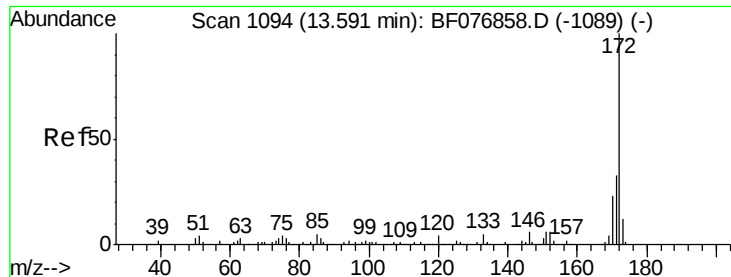


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

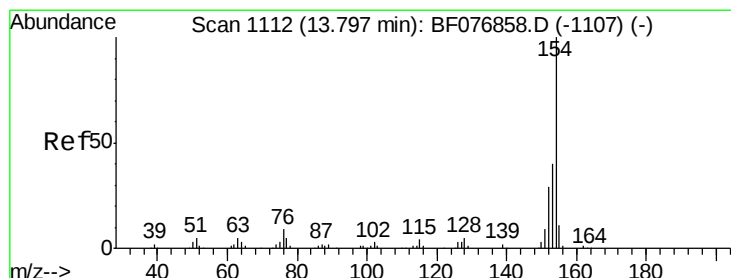
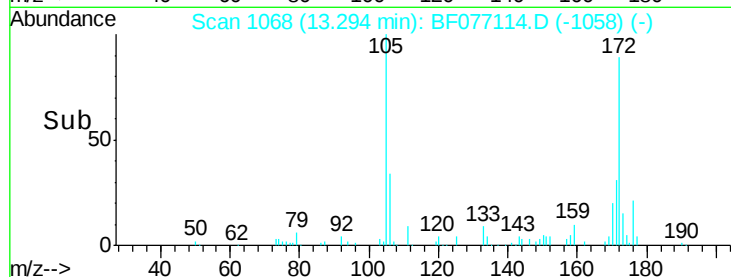
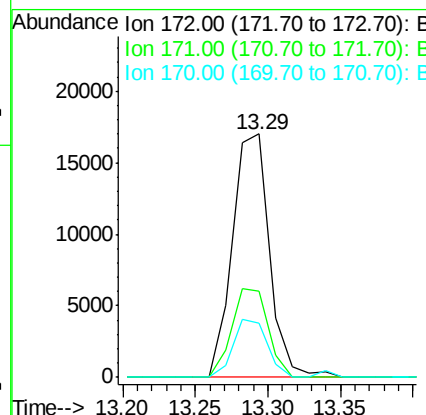
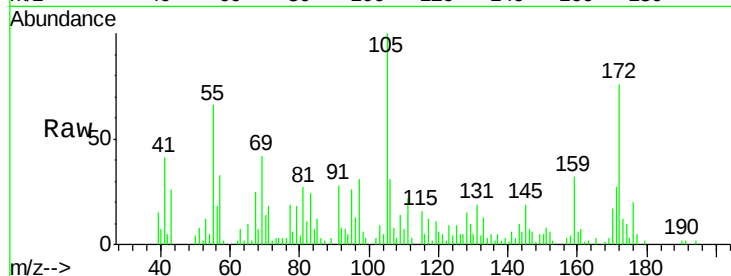




#44
2-Fluorobiphenyl
Concen: 8.43 ng
RT: 13.29 min Scan# 1068
Delta R.T. 0.01 min
Lab File: BF077114.D
Acq: 28 Jan 2015 22:06

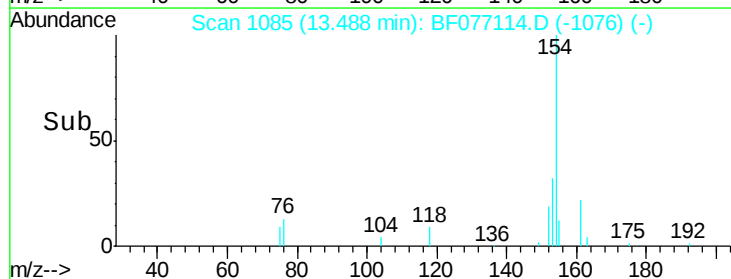
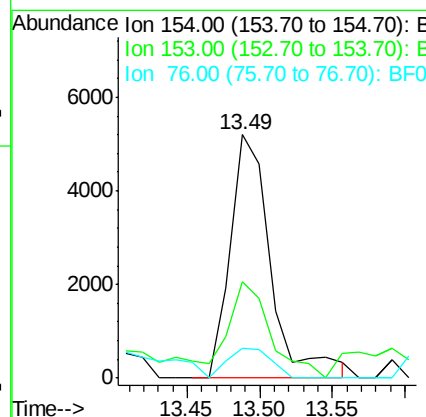
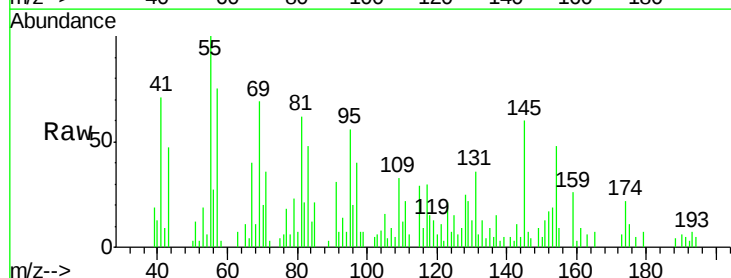
Instrument :
BNA_F
ClientSampleId :
104B3

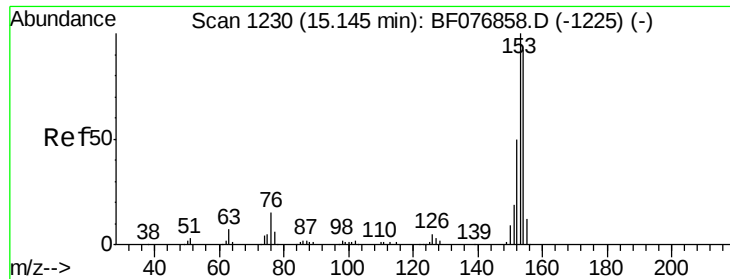
Tgt Ion:172 Resp: 30215
Ion Ratio Lower Upper
172 100
171 35.1 26.6 40.0
170 22.2 18.0 27.0



#45
1,1'-Biphenyl
Concen: 2.48 ng
RT: 13.49 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BF077114.D
Acq: 28 Jan 2015 22:06

Tgt Ion:154 Resp: 10045
Ion Ratio Lower Upper
154 100
153 39.4 20.2 60.2
76 12.3 0.0 29.0





#51

Acenaphthene

Concen: 6.41 ng

RT: 14.84 min Scan# 1203

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA_F

ClientSampleId :

104B3

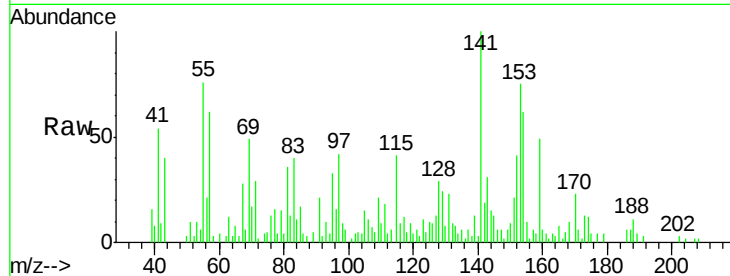
Tgt Ion:154 Resp: 20396

Ion Ratio Lower Upper

154 100

153 120.0 87.0 130.6

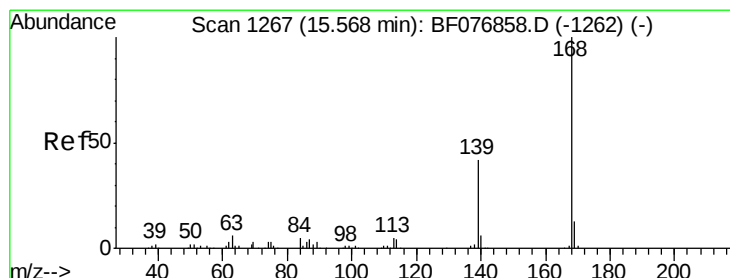
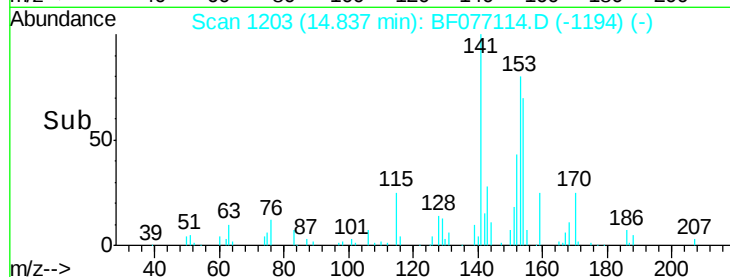
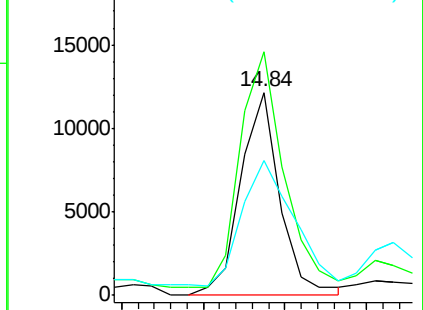
152 66.3 43.5 65.3#



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



#54

Dibenzofuran

Concen: 2.66 ng

RT: 15.26 min Scan# 1240

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

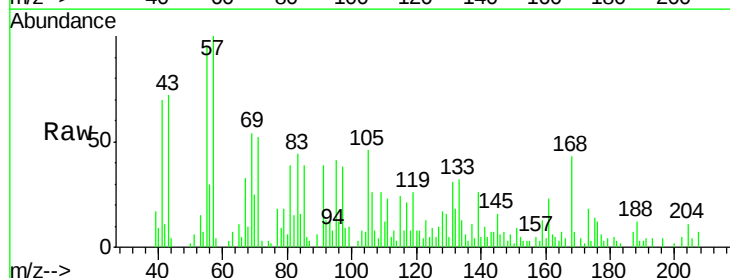
Tgt Ion:168 Resp: 12355

Ion Ratio Lower Upper

168 100

139 60.3 33.4 50.2#

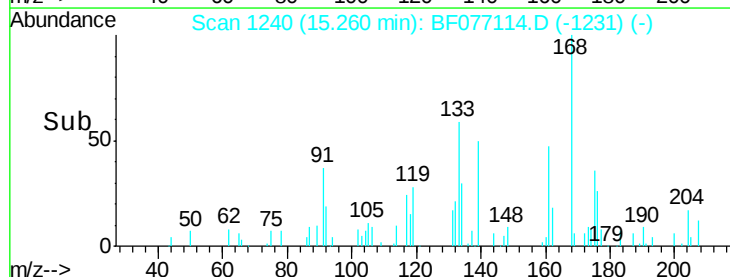
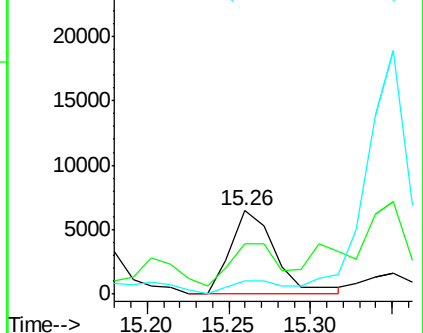
169 16.0 10.6 15.8#

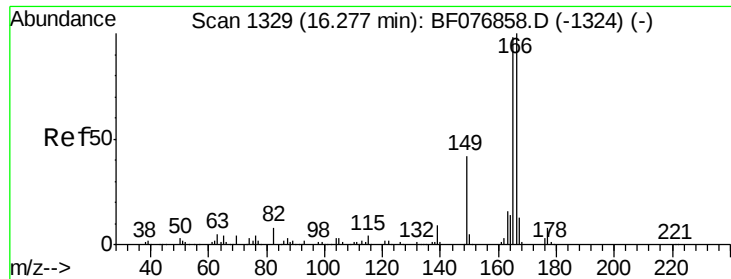


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

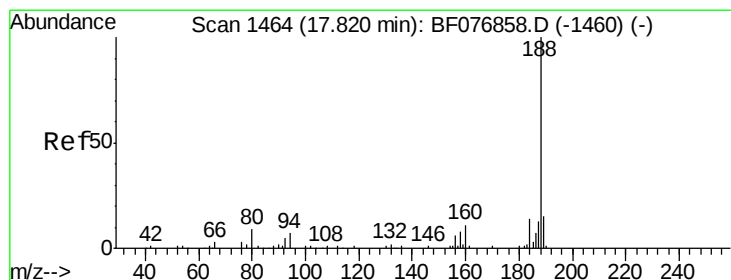
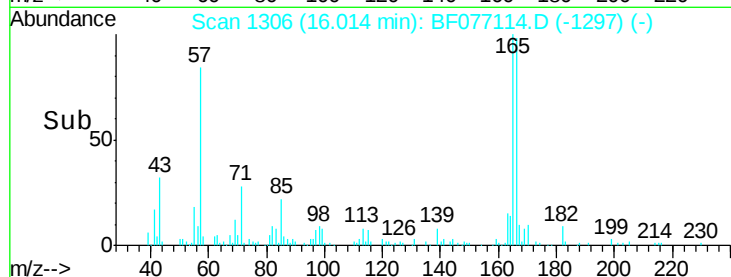
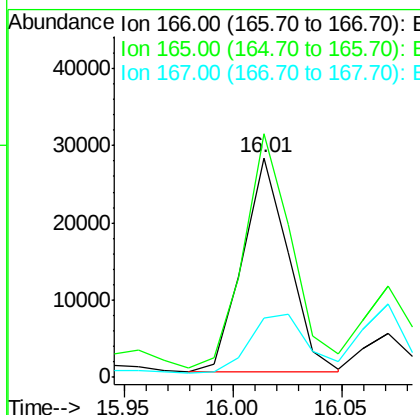
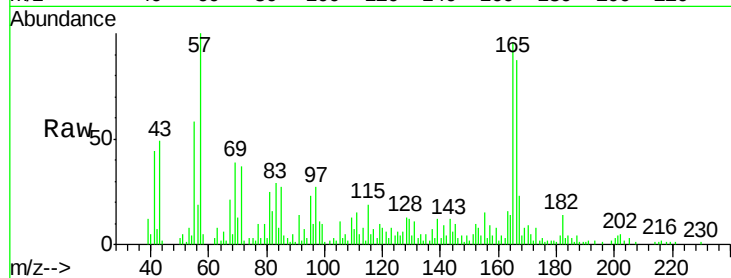




#57
Fluorene
 Concen: 10.33 ng
 RT: 16.01 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

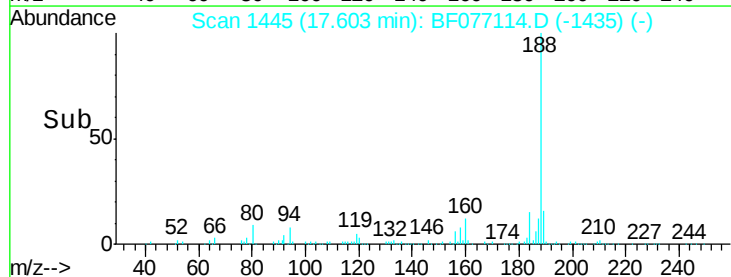
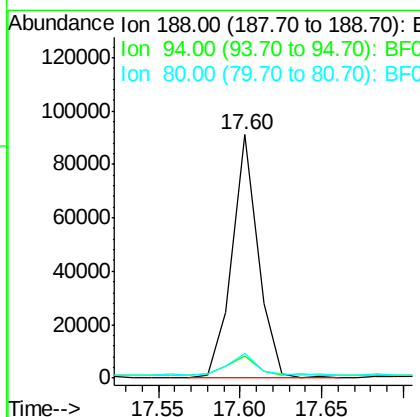
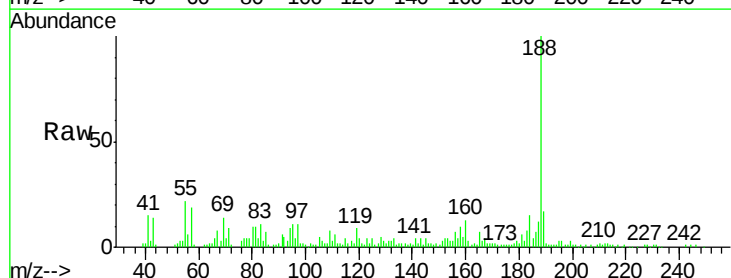
Instrument :
 BNA_F
 ClientSampleId :
 104B3

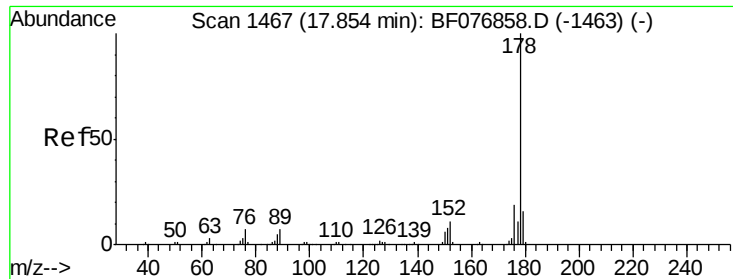
Tgt Ion:166 Resp: 40586
 Ion Ratio Lower Upper
 166 100
 165 110.7 78.5 117.7
 167 26.9 10.4 15.6#



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1445
 Delta R.T. 0.01 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

Tgt Ion:188 Resp: 101024
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.0 9.0#
 80 10.3 6.9 10.3#





#70

Phenanthrene

Concen: 17.73 ng

RT: 17.64 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

Instrument :

BNA_F

ClientSampleId :

104B3

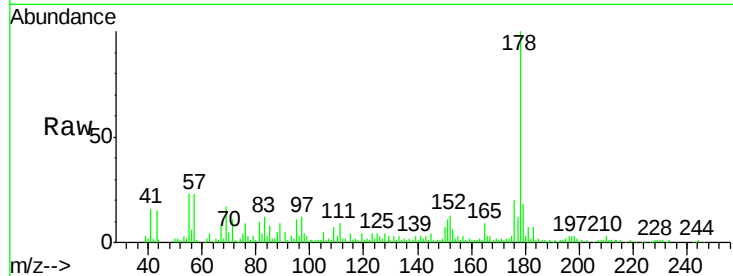
Tgt Ion:178 Resp: 111729

Ion Ratio Lower Upper

178 100

176 20.1 15.1 22.7

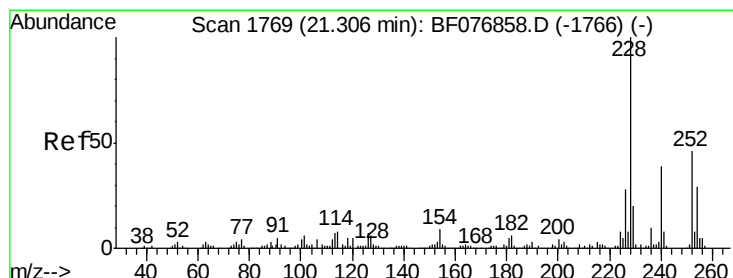
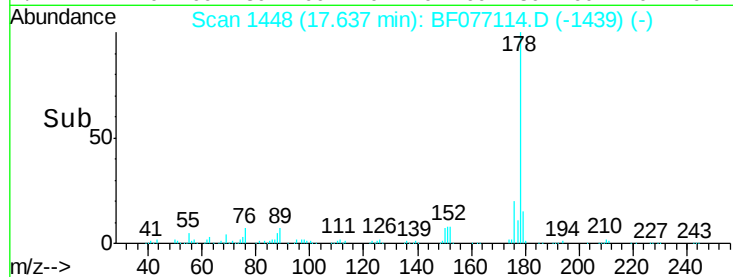
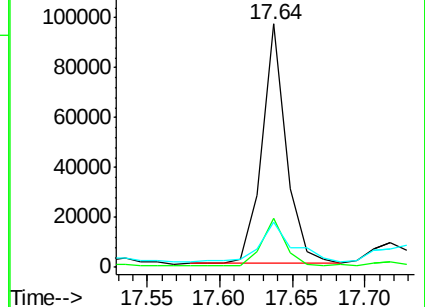
179 18.4 12.7 19.1



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: 21.10 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BF077114.D

Acq: 28 Jan 2015 22:06

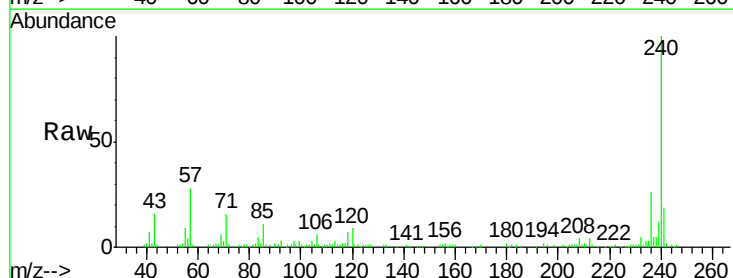
Tgt Ion:240 Resp: 93515

Ion Ratio Lower Upper

240 100

120 9.3 10.4 15.6#

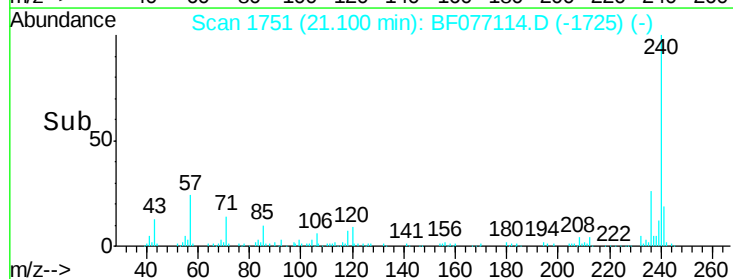
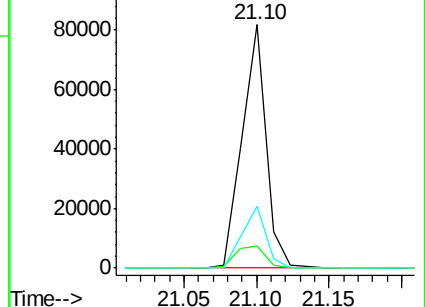
236 25.7 20.2 30.2

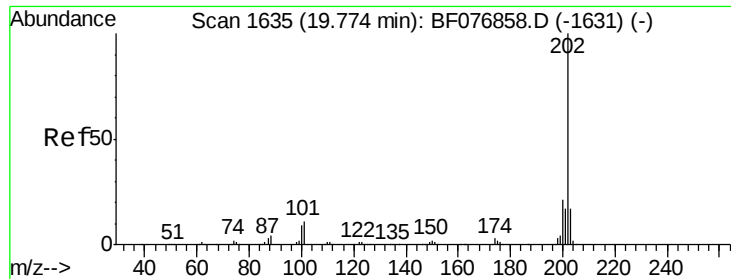


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

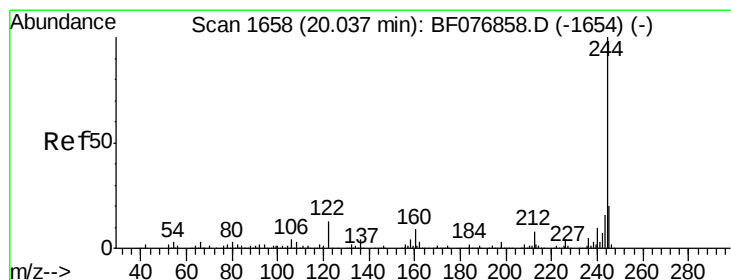
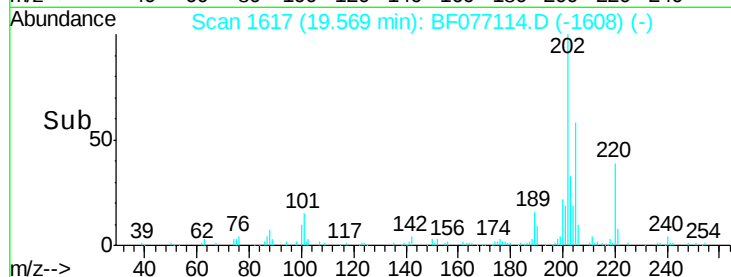
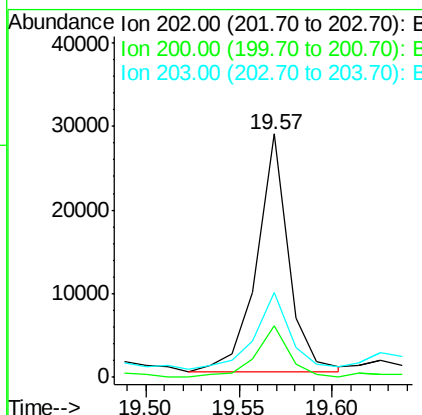
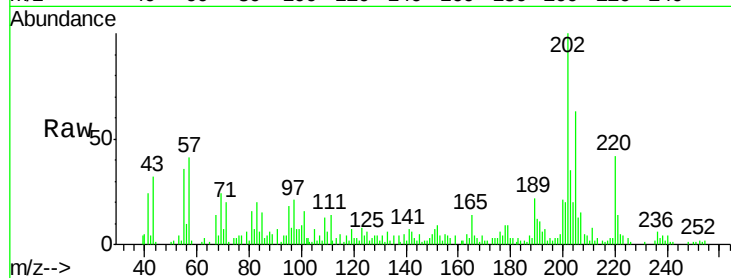




#77
 Pyrene
 Concen: 5.29 ng
 RT: 19.57 min Scan# 1617
 Delta R.T. -0.00 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

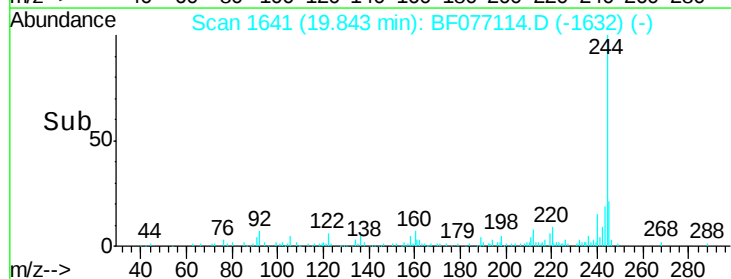
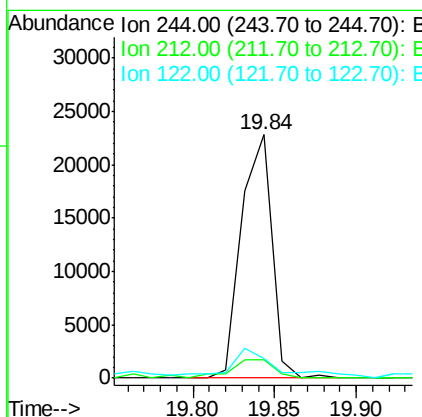
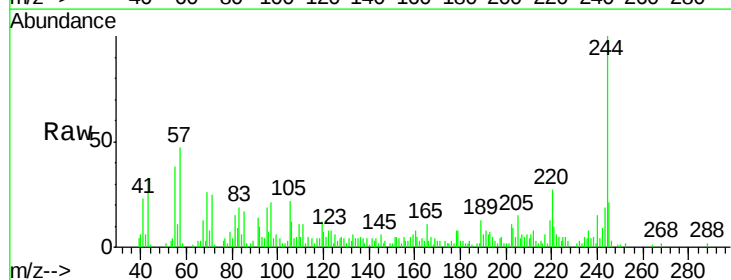
Instrument :
 BNA_F
 ClientSampleId :
 104B3

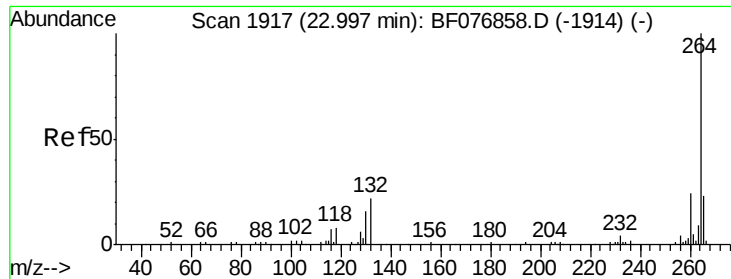
Tgt Ion: 202 Resp: 33909
 Ion Ratio Lower Upper
 202 100
 200 21.3 16.7 25.1
 203 35.1 14.0 21.0#



#78
 Terphenyl-d14
 Concen: 7.28 ng
 RT: 19.84 min Scan# 1641
 Delta R.T. -0.00 min
 Lab File: BF077114.D
 Acq: 28 Jan 2015 22:06

Tgt Ion: 244 Resp: 29568
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 7.9 10.1 15.1#

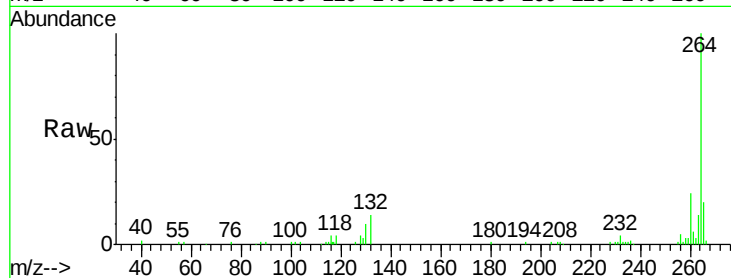




#86
Perylene-d12
Concen: 20.00 ng
RT: 22.73 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BF077114.D
Acq: 28 Jan 2015 22:06

Instrument :
BNA_F
ClientSampleId :
104B3

Tgt Ion: 264 Resp: 91126
Ion Ratio Lower Upper
264 100
260 24.5 19.0 28.4
265 20.4 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

