

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077136.D
 Acq On : 29 Jan 2015 22:13
 Operator : TP/IZ
 Sample : G1178-08
 Misc : W
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

Quant Time: Jan 30 03:04:47 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

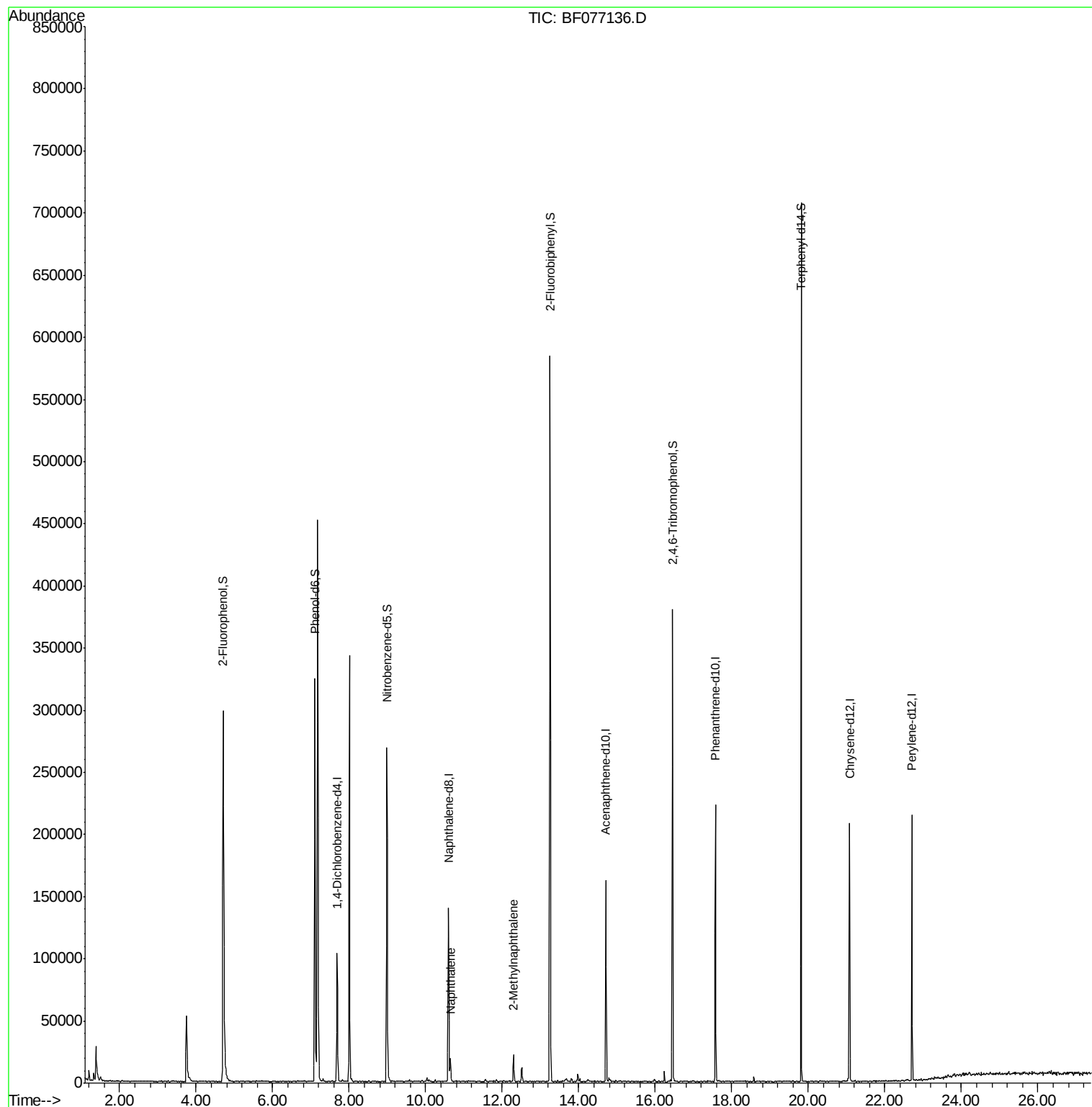
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	28625	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	119107	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	62718	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	110752	20.00	ng	0.00
75) Chrysene-d12	21.08	240	112379	20.00	ng	0.00
86) Perylene-d12	22.71	264	104340	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	177195	101.78	ng	0.00
7) Phenol-d6	7.10	99	198070	90.18	ng	0.00
23) Nitrobenzene-d5	8.98	82	149159	69.38	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	57070	112.10	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	301185	73.08	ng	0.00
78) Terphenyl-d14	19.81	244	315742	64.68	ng	0.00
Target Compounds						
31) Naphthalene	10.64	128	16027	2.61	ng	97
37) 2-Methylnaphthalene	12.30	142	11434	2.73	ng	96

(#) = 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: BF077136.D

Acq: 29 Jan 2015 22:13

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB4

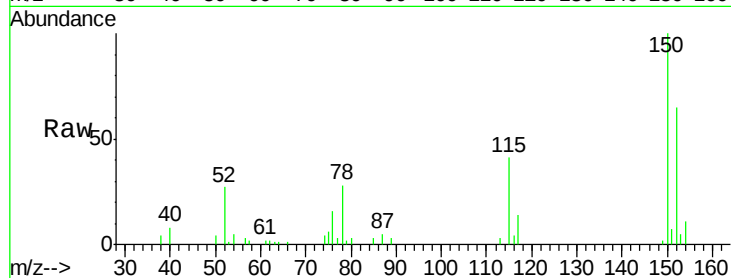
Tgt Ion:152 Resp: 28625

Ion Ratio Lower Upper

152 100

150 153.7 121.7 182.5

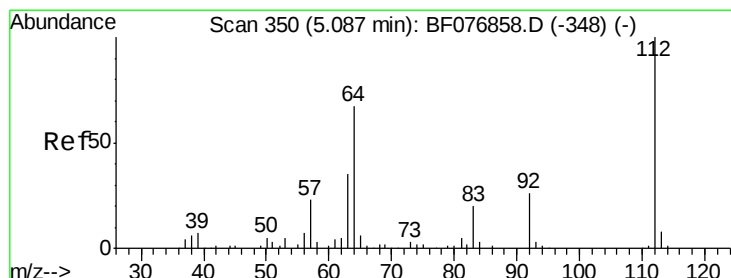
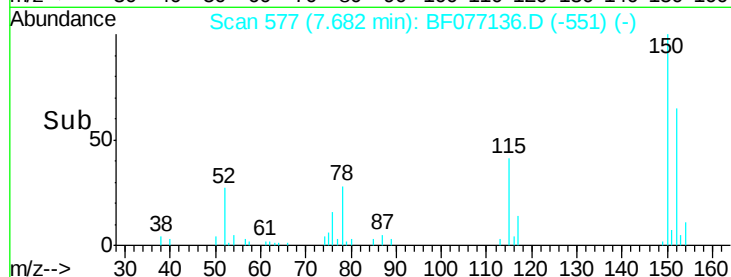
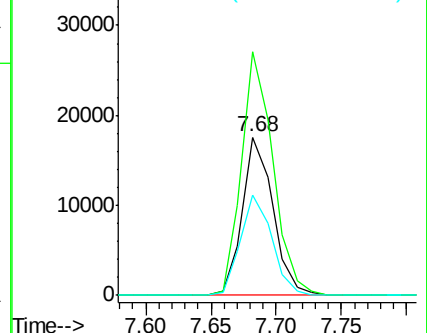
115 63.3 47.0 70.6



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: 101.78 ng

RT: 4.71 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

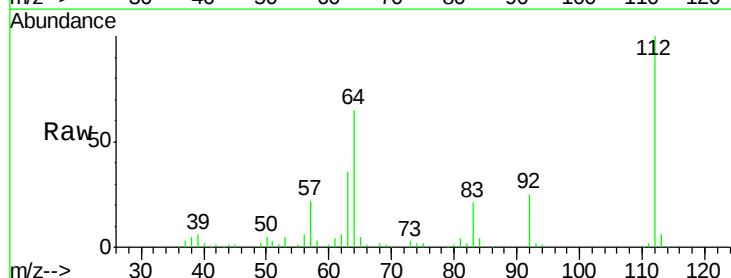
Tgt Ion:112 Resp: 177195

Ion Ratio Lower Upper

112 100

64 65.2 54.2 81.4

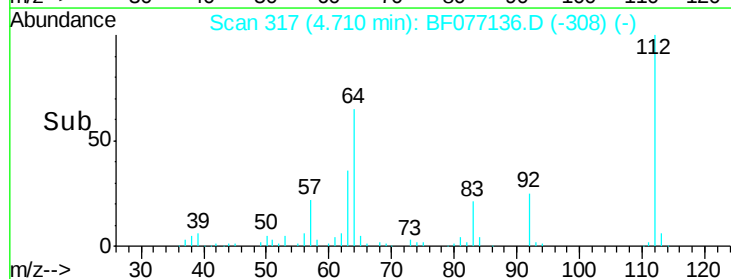
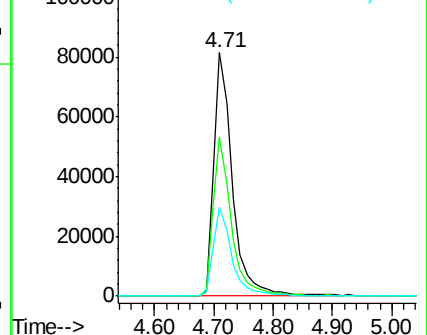
63 36.4 28.4 42.6



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: 90.18 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077136.D

Acq: 29 Jan 2015 22:13

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-GRAB4

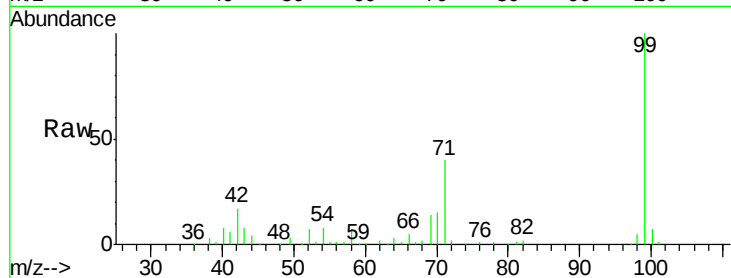
Tgt Ion: 99 Resp: 198070

Ion Ratio Lower Upper

99 100

42 17.3 15.0 22.4

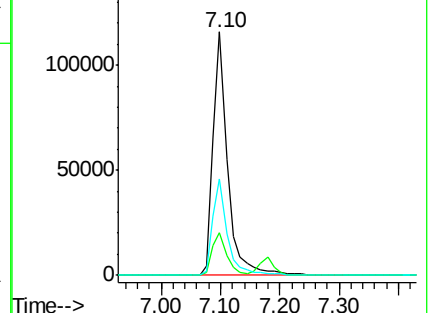
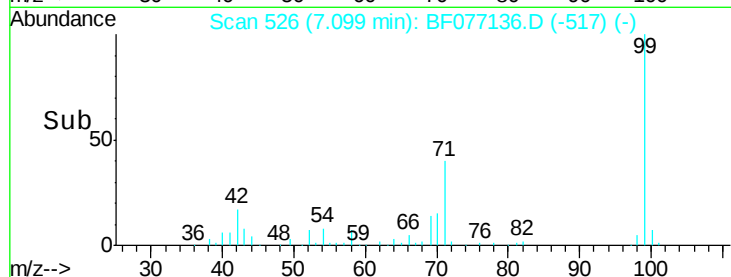
71 39.6 30.5 45.7



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: BF077136.D

Acq: 29 Jan 2015 22:13

Tgt Ion: 136 Resp: 119107

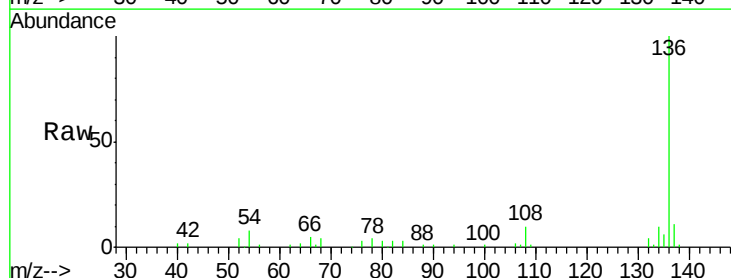
Ion Ratio Lower Upper

136 100

137 10.6 8.1 12.1

54 8.0 7.0 10.4

68 4.3 3.7 5.5

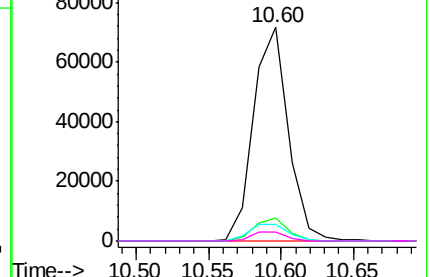
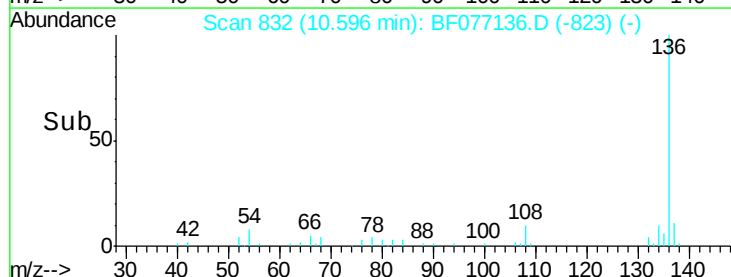


Abundance Ion 136.00 (135.70 to 136.70): E

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

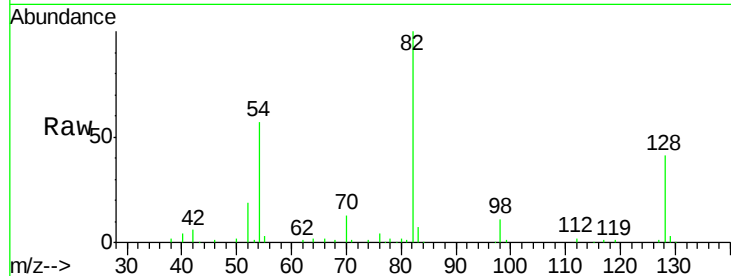




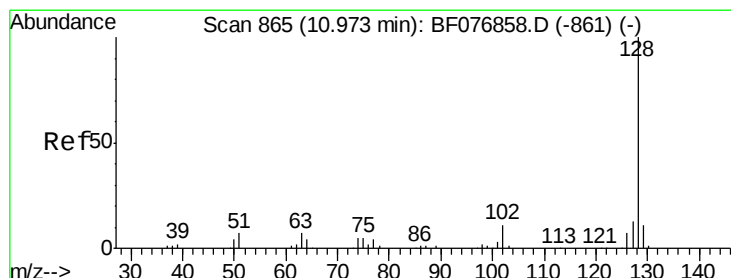
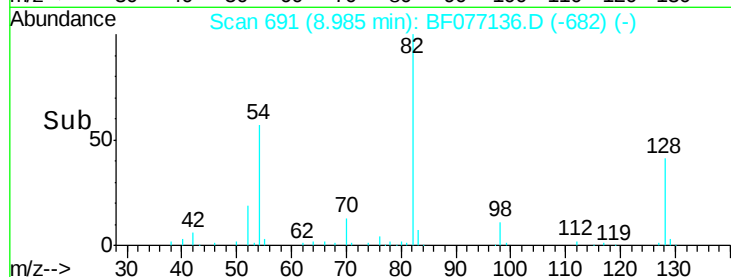
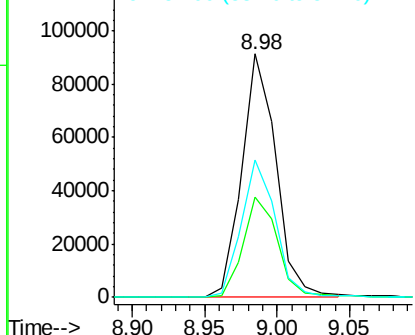
#23
 Nitrobenzene-d5
 Concen: 69.38 ng
 RT: 8.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

Tgt Ion: 82 Resp: 149159
 Ion Ratio Lower Upper
 82 100
 128 41.0 33.1 49.7
 54 56.6 48.3 72.5

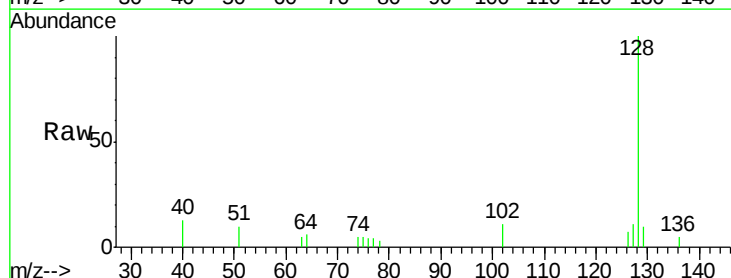


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

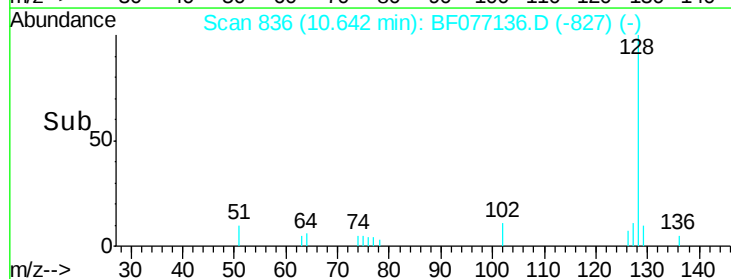
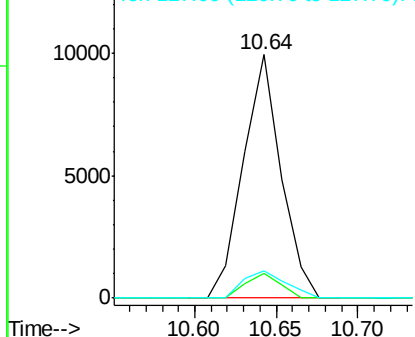


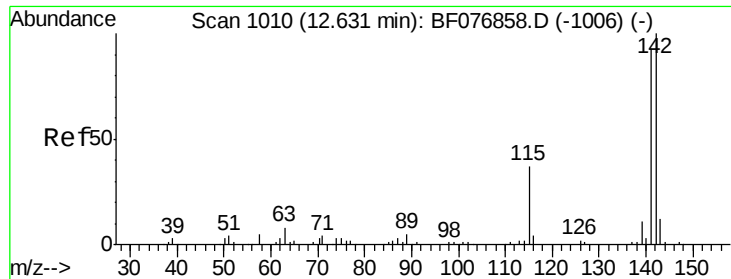
#31
 Naphthalene
 Concen: 2.61 ng
 RT: 10.64 min Scan# 836
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion: 128 Resp: 16027
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.0 13.6
 127 11.4 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

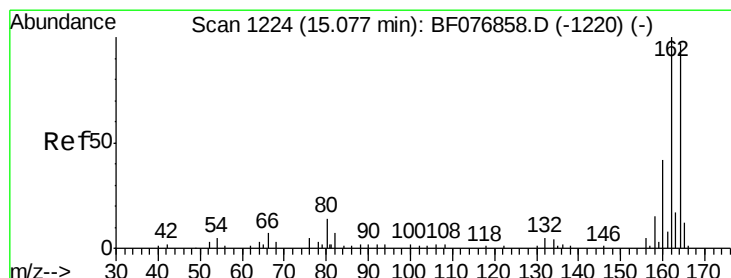
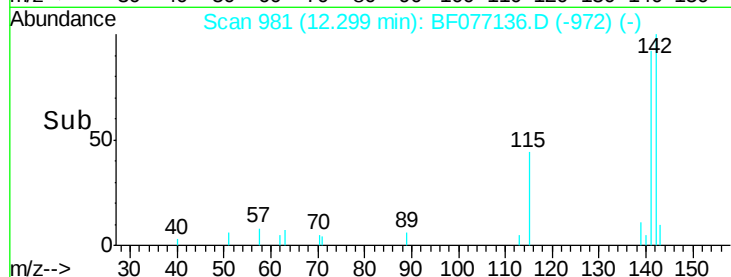
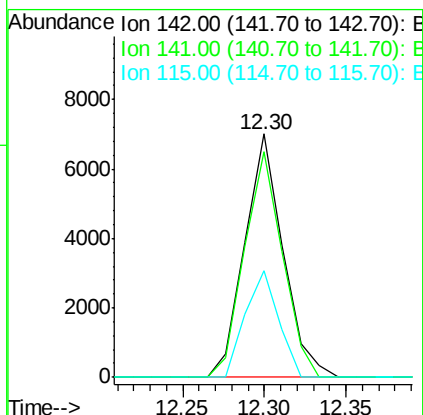
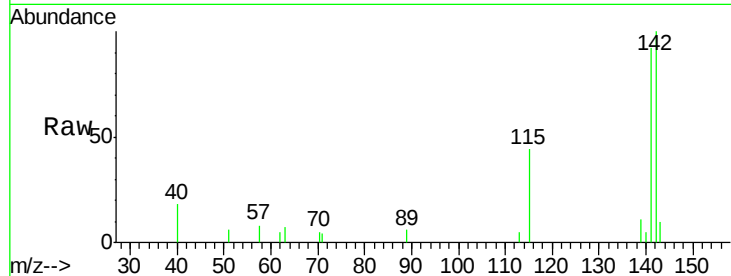




#37
 2-Methylnaphthalene
 Concen: 2.73 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

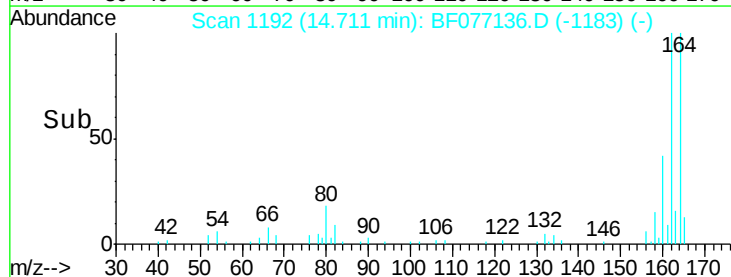
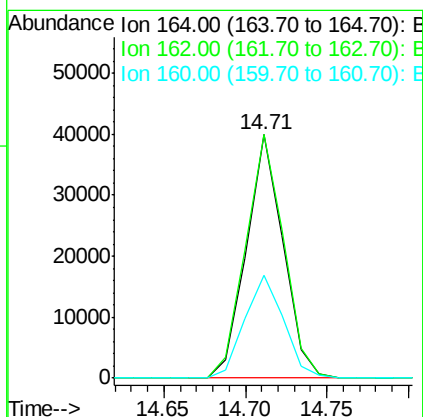
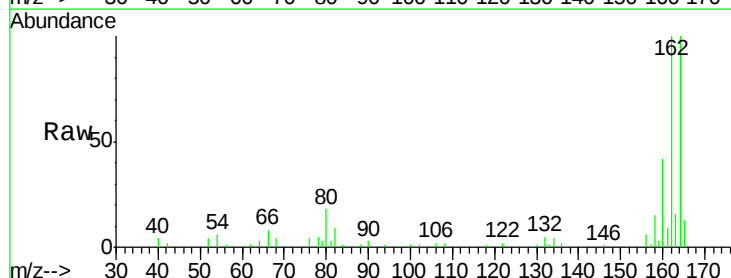
Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

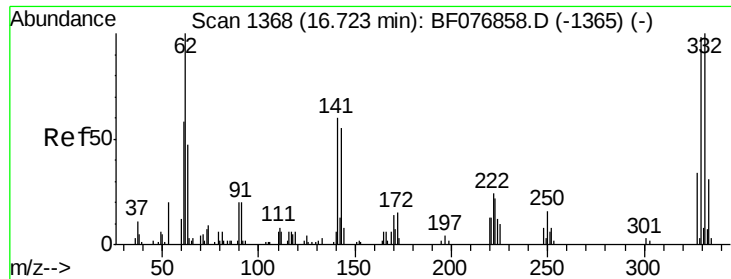
Tgt Ion:142 Resp: 11434
 Ion Ratio Lower Upper
 142 100
 141 92.4 74.5 111.7
 115 43.8 29.7 44.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion:164 Resp: 62718
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.4 123.6
 160 42.4 34.8 52.2

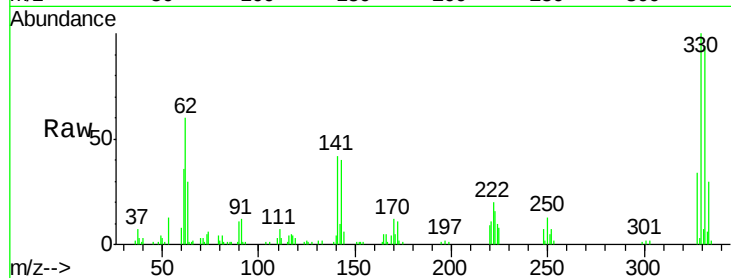




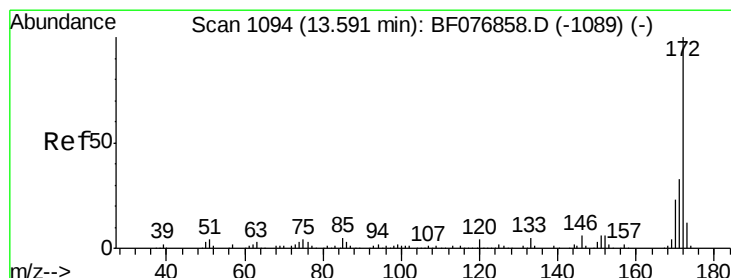
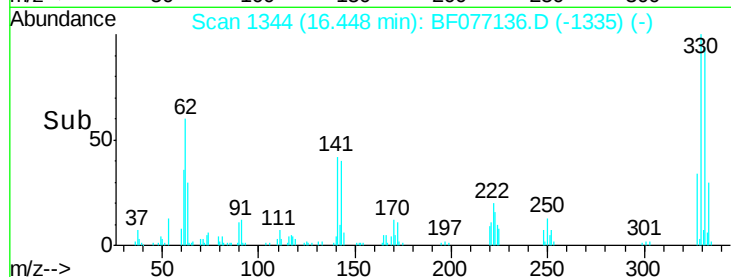
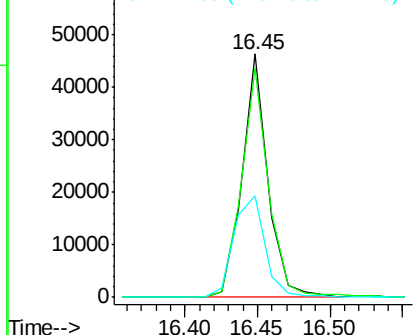
#41
 2,4,6-Tribromophenol
 Concen: 112.10 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

Tgt Ion:330 Resp: 57070
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.8 116.6
 141 50.9 38.5 57.7

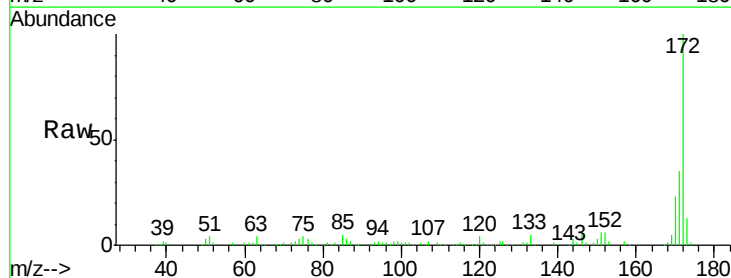


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

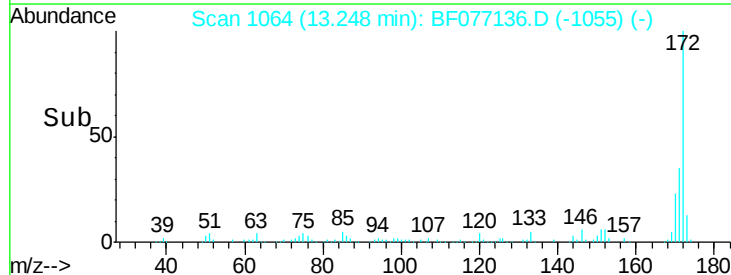
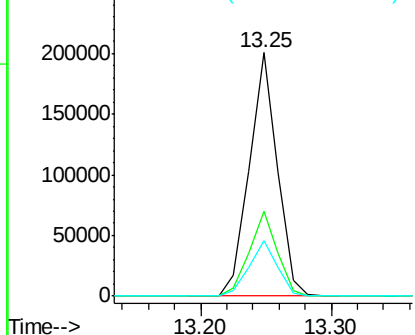


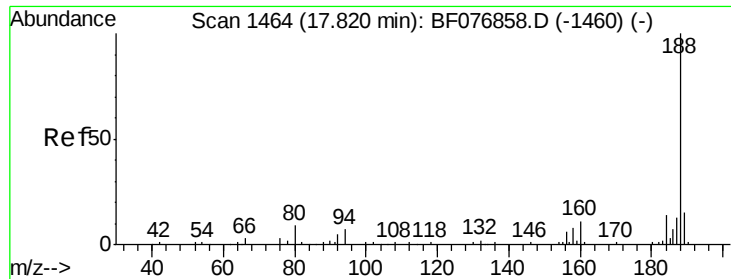
#44
 2-Fluorobiphenyl
 Concen: 73.08 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion:172 Resp: 301185
 Ion Ratio Lower Upper
 172 100
 171 34.6 26.6 40.0
 170 22.9 18.0 27.0



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

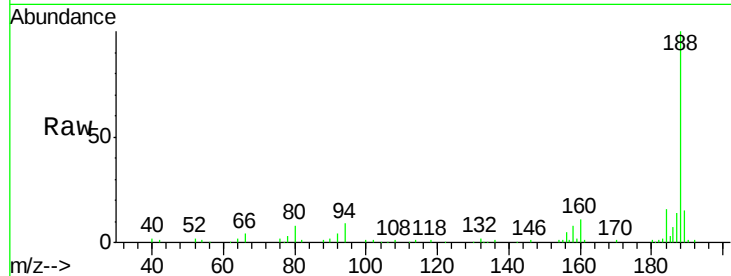




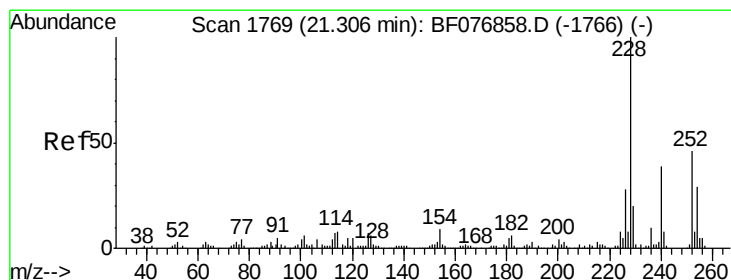
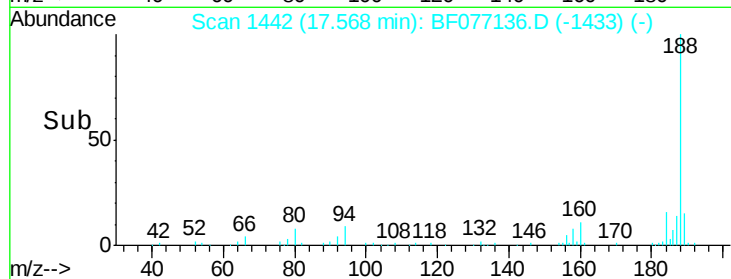
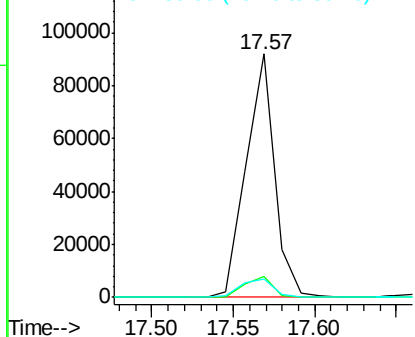
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

Tgt Ion:188 Resp: 110752
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.0 9.0
 80 7.7 6.9 10.3

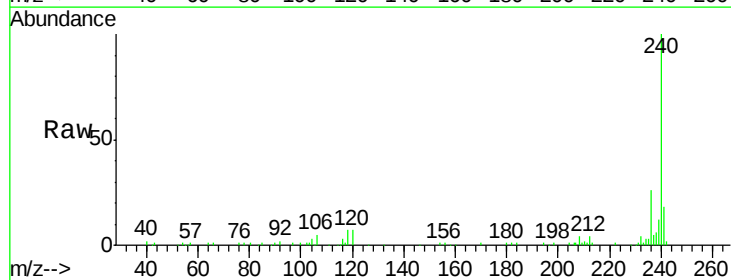


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

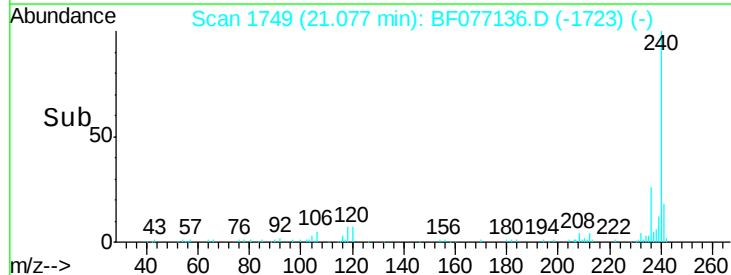
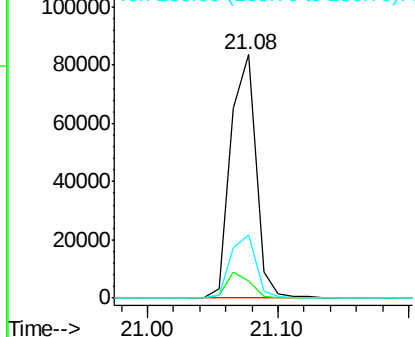


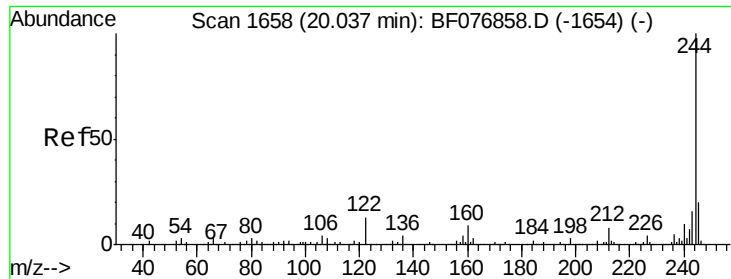
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.08 min Scan# 1749
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion:240 Resp: 112379
 Ion Ratio Lower Upper
 240 100
 120 7.2 10.4 15.6#
 236 25.8 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

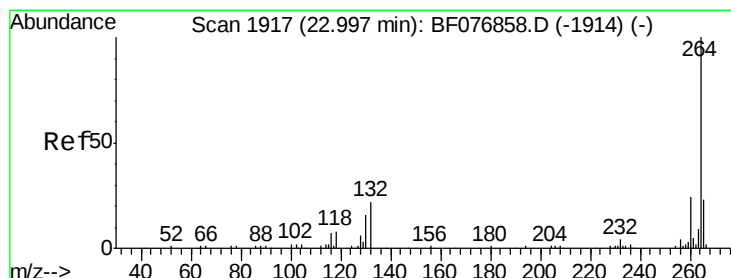
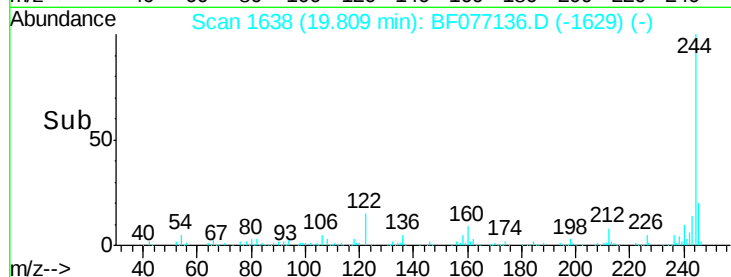
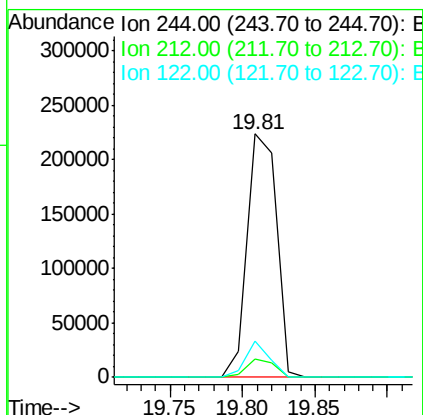
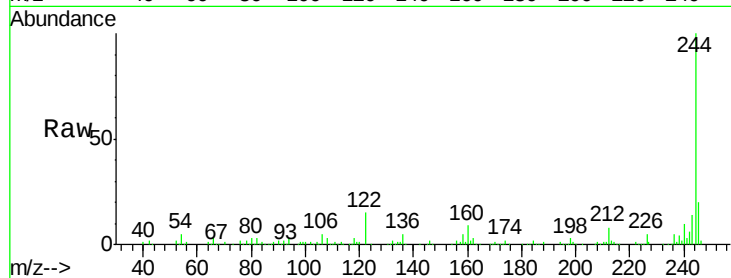




#78
 Terphenyl-d14
 Concen: 64.68 ng
 RT: 19.81 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-GRAB4

Tgt Ion: 244 Resp: 315742
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 14.7 10.1 15.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1892
 Delta R.T. 0.00 min
 Lab File: BF077136.D
 Acq: 29 Jan 2015 22:13

Tgt Ion: 264 Resp: 104340
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 20.3 18.1 27.1

