

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077133.D
 Acq On : 29 Jan 2015 20:30
 Operator : TP/IZ
 Sample : G1178-04
 Misc : S
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE4

Quant Time: Jan 30 02:42:33 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

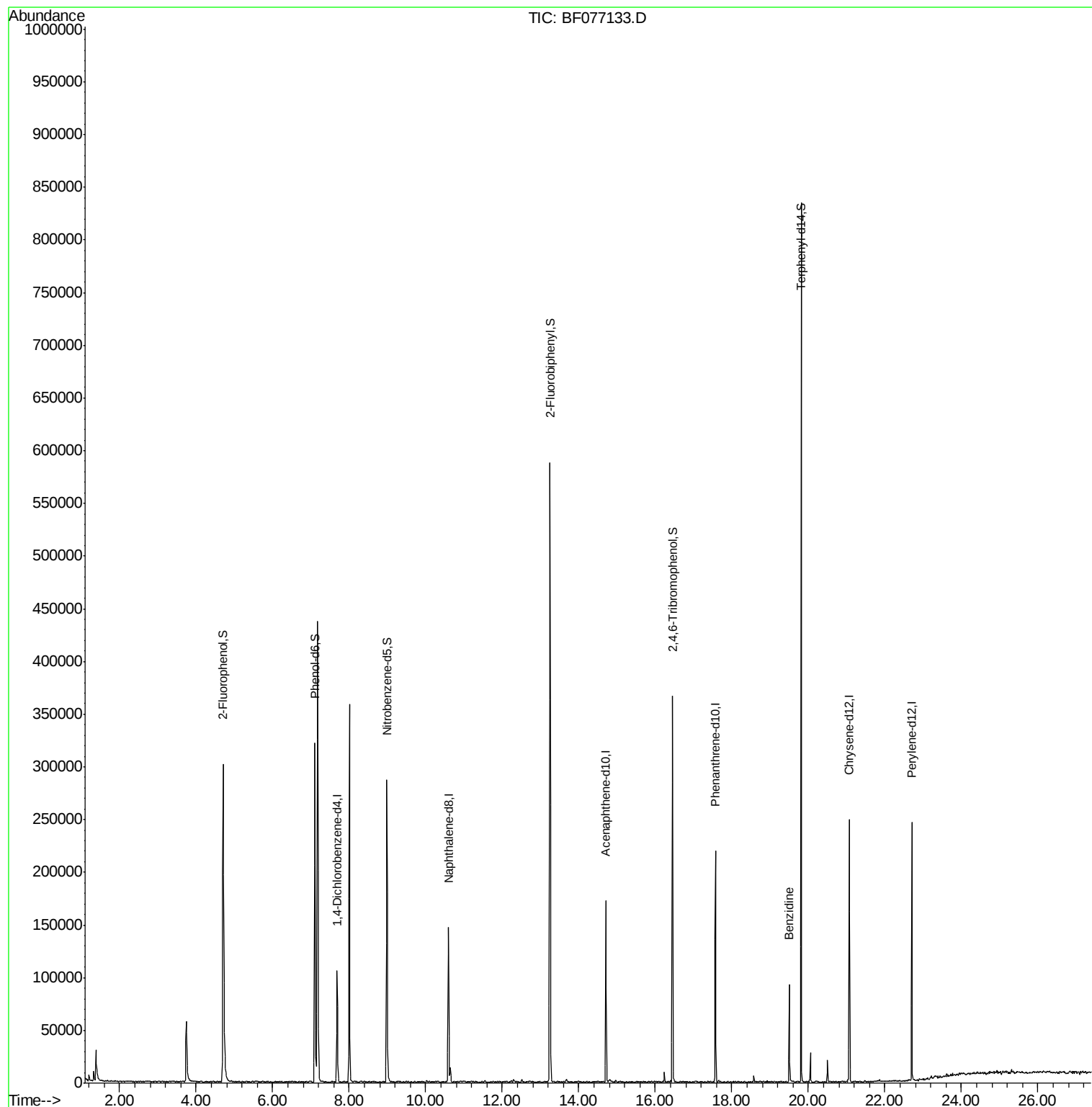
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29109	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120171	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	66284	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	112905	20.00	ng	0.00
75) Chrysene-d12	21.07	240	113341	20.00	ng	-0.01
86) Perylene-d12	22.70	264	107517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	174197	98.39	ng	0.00
7) Phenol-d6	7.10	99	196330	87.91	ng	0.00
23) Nitrobenzene-d5	8.98	82	154642	71.29	ng	0.00
41) 2,4,6-Tribromophenol	16.45	330	59550	110.68	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	313554	71.99	ng	0.00
78) Terphenyl-d14	19.81	244	346045	70.29	ng	0.00
Target Compounds						
76) Benzidine	19.50	184	44262	12.20	ng	Qvalue 99

(#) = 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: BF077133.D

Acq: 29 Jan 2015 20:30

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE4

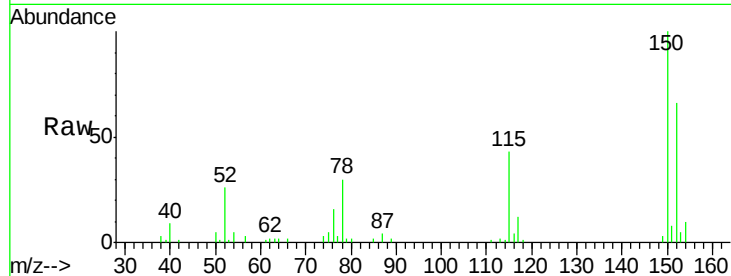
Tgt Ion:152 Resp: 29109

Ion Ratio Lower Upper

152 100

150 151.6 121.7 182.5

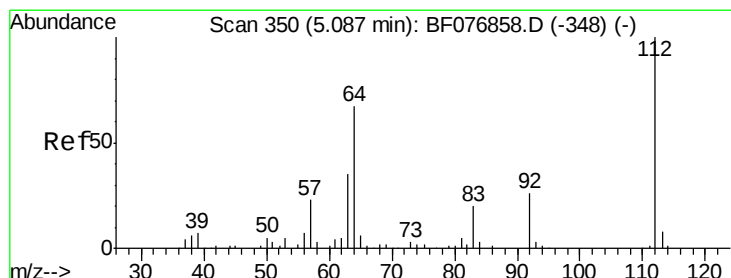
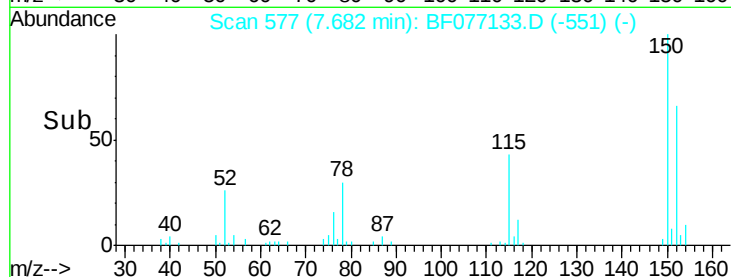
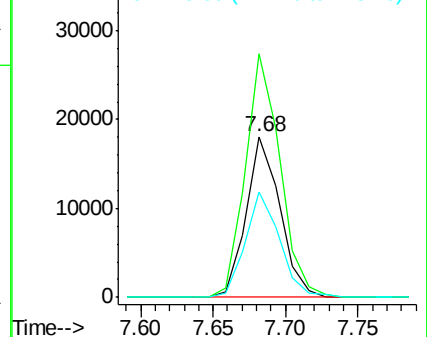
115 65.5 47.0 70.6



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: 98.39 ng

RT: 4.71 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF077133.D

Acq: 29 Jan 2015 20:30

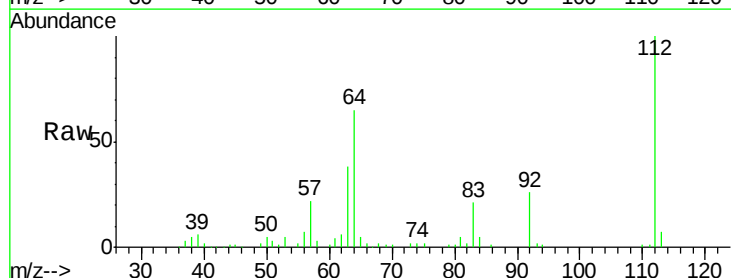
Tgt Ion:112 Resp: 174197

Ion Ratio Lower Upper

112 100

64 64.7 54.2 81.4

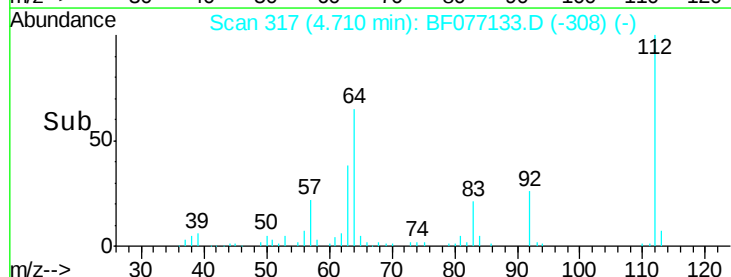
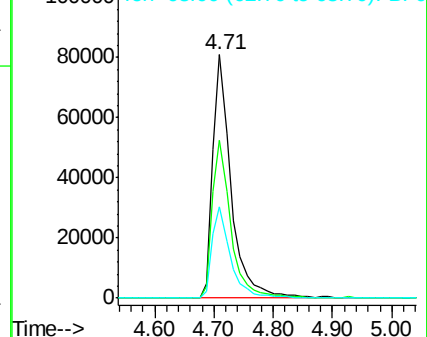
63 37.7 28.4 42.6

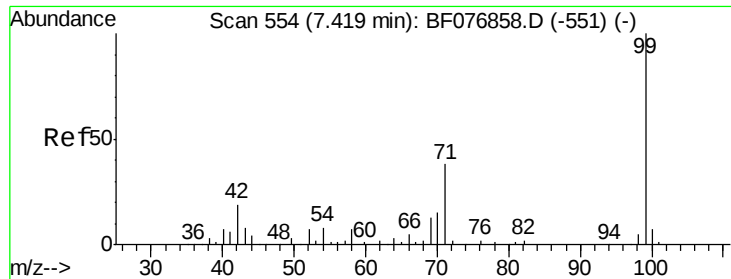


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.91 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077133.D

Acq: 29 Jan 2015 20:30

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE4

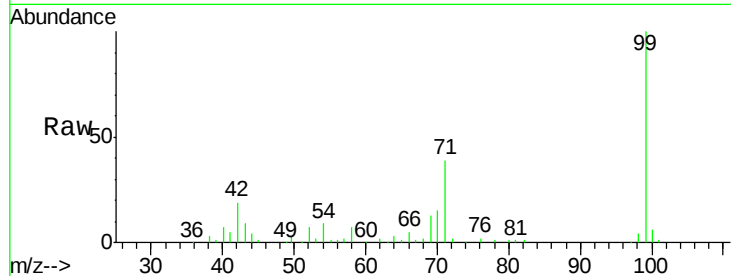
Tgt Ion: 99 Resp: 196330

Ion Ratio Lower Upper

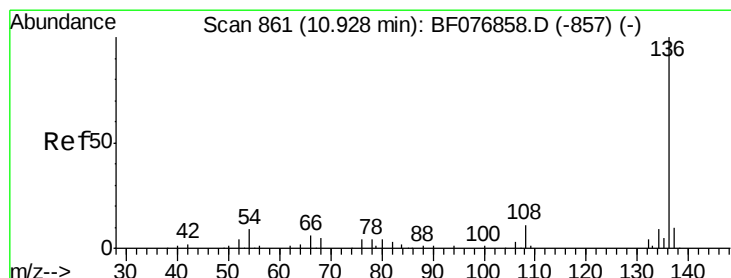
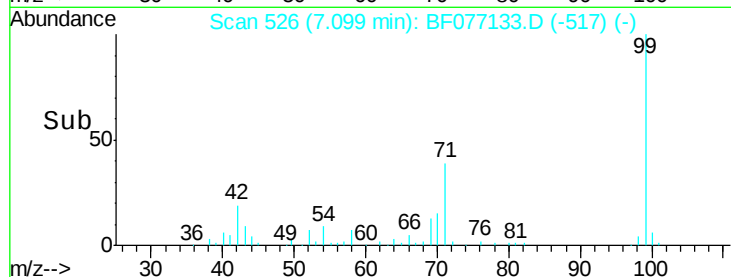
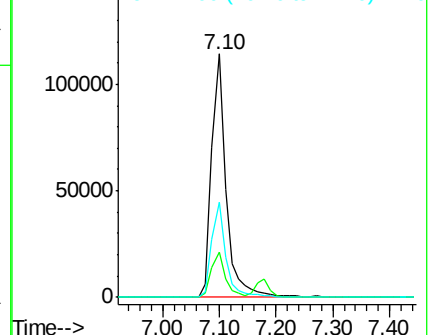
99 100

42 18.7 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: 10.60 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF077133.D

Acq: 29 Jan 2015 20:30

Tgt Ion: 136 Resp: 120171

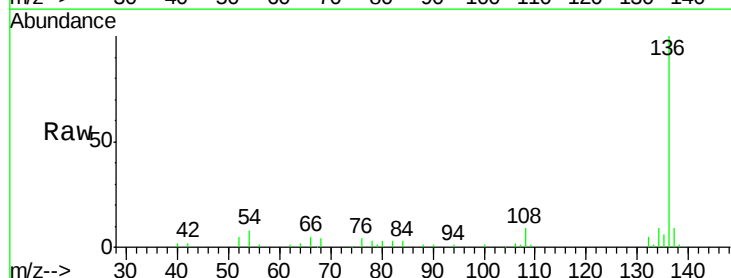
Ion Ratio Lower Upper

136 100

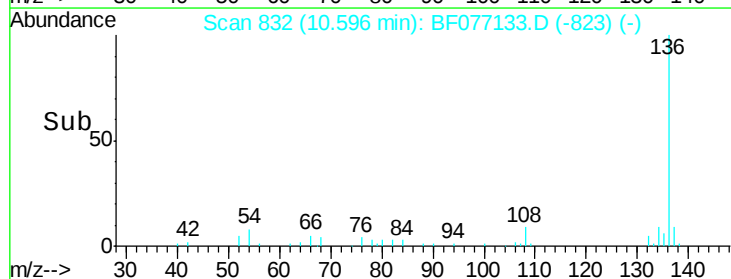
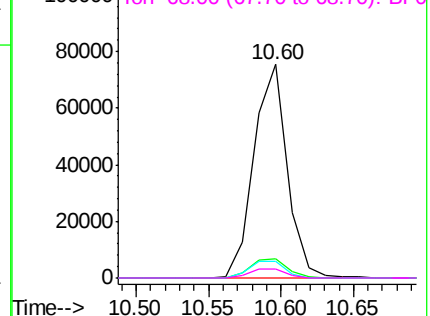
137 9.3 8.1 12.1

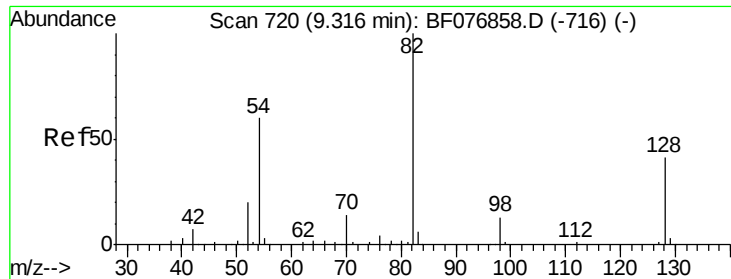
54 7.6 7.0 10.4

68 4.4 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

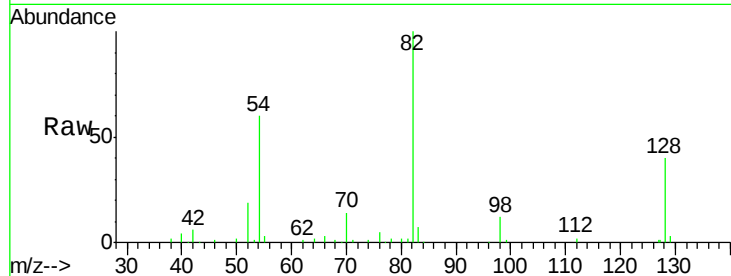




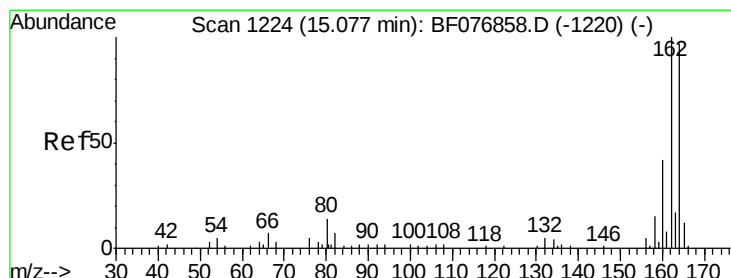
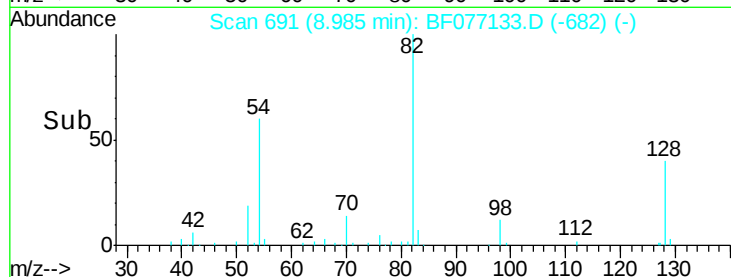
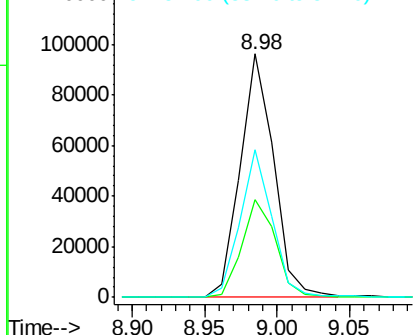
#23
 Nitrobenzene-d5
 Concen: 71.29 ng
 RT: 8.98 min Scan# 691
 Delta R.T. 0.00 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE4

Tgt Ion: 82 Resp: 154642
 Ion Ratio Lower Upper
 82 100
 128 39.9 33.1 49.7
 54 60.5 48.3 72.5

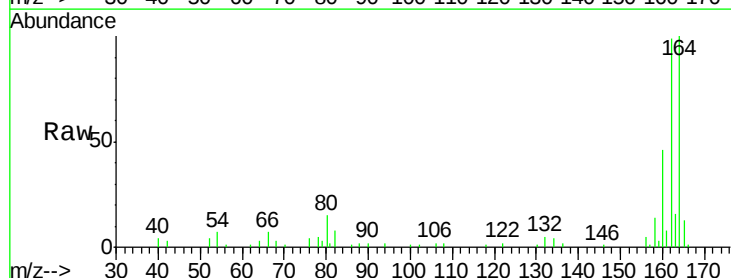


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

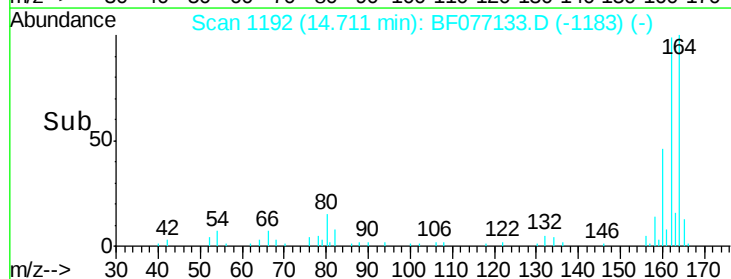
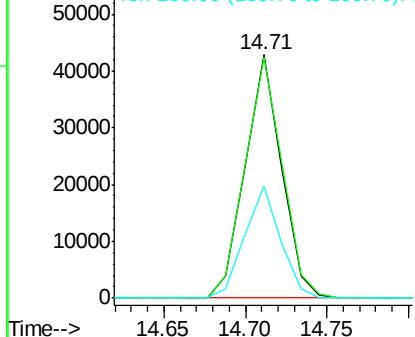


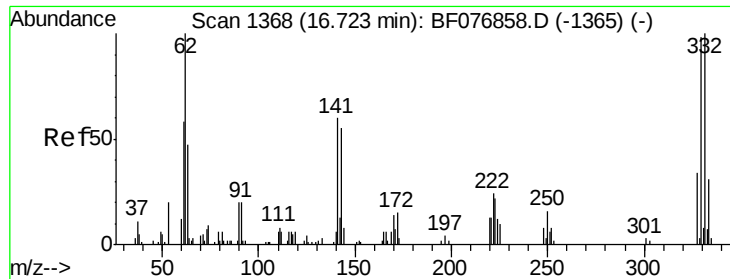
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Tgt Ion: 164 Resp: 66284
 Ion Ratio Lower Upper
 164 100
 162 98.9 82.4 123.6
 160 45.8 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

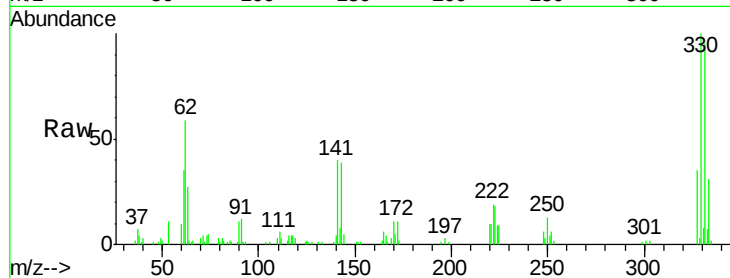




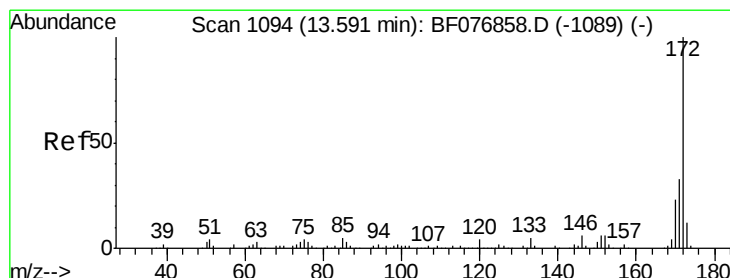
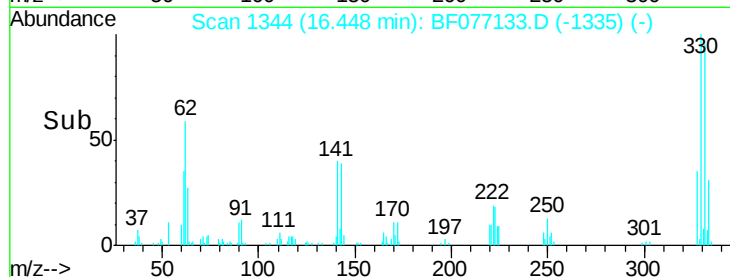
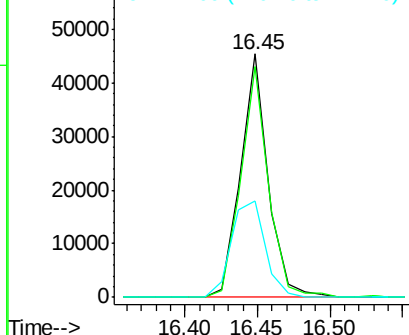
#41
 2,4,6-Tribromophenol
 Concen: 110.68 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE4

Tgt Ion:330 Resp: 59550
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.8 116.6
 141 48.7 38.5 57.7

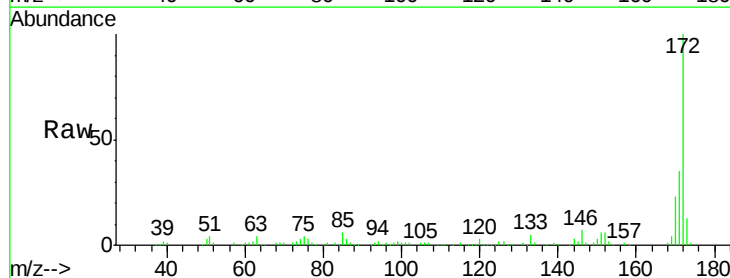


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

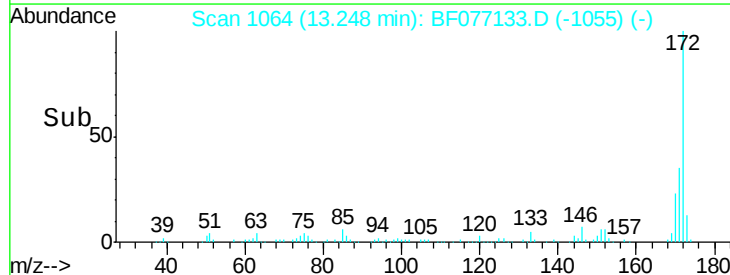
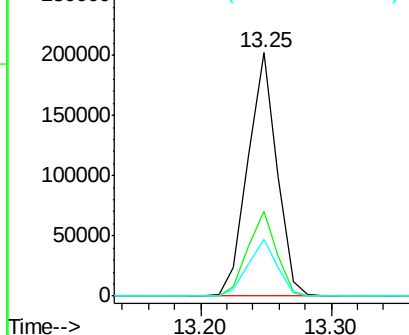


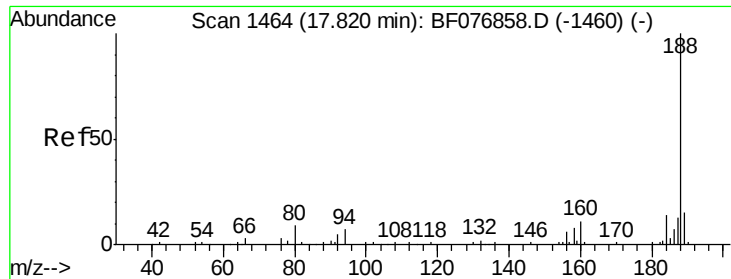
#44
 2-Fluorobiphenyl
 Concen: 71.99 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Tgt Ion:172 Resp: 313554
 Ion Ratio Lower Upper
 172 100
 171 34.8 26.6 40.0
 170 23.5 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

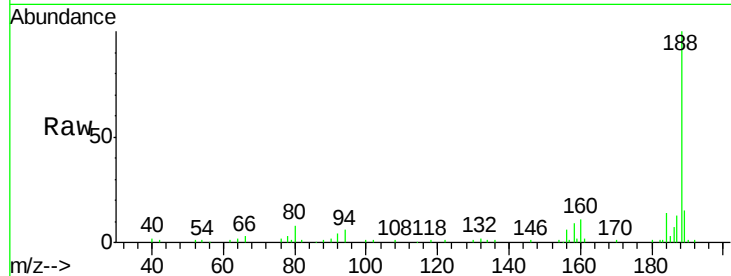




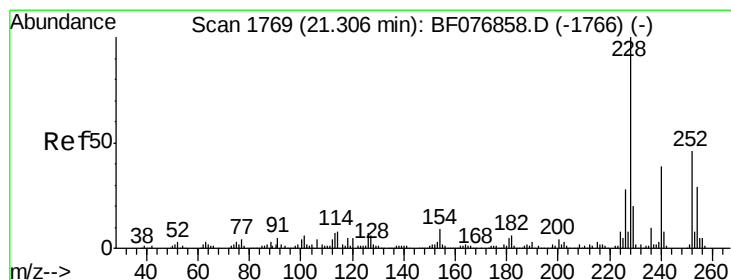
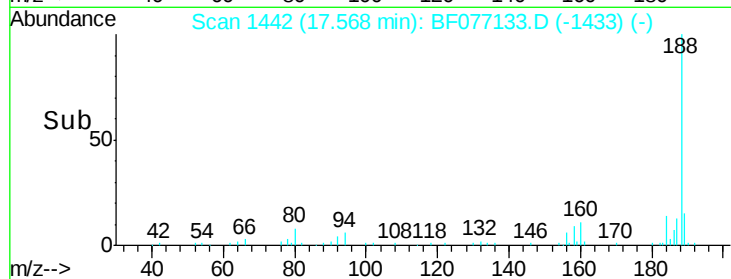
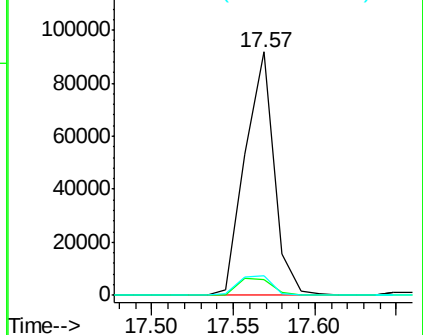
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.57 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE4

Tgt Ion:188 Resp: 112905
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.0 9.0
 80 7.8 6.9 10.3

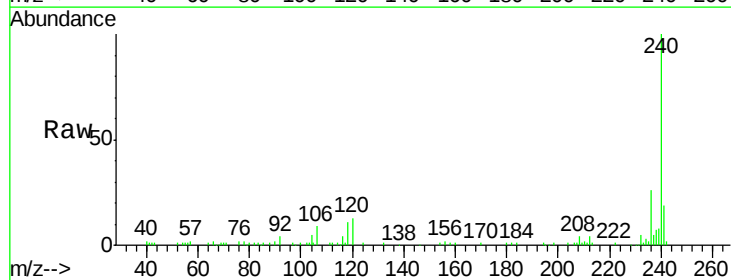


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

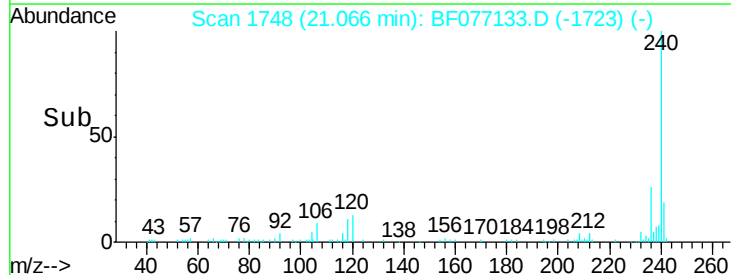
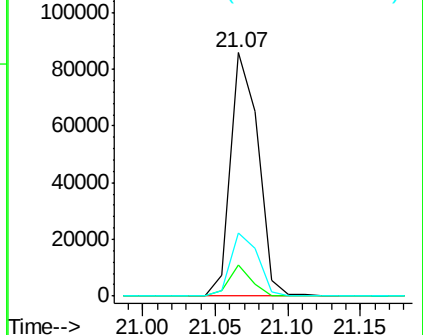


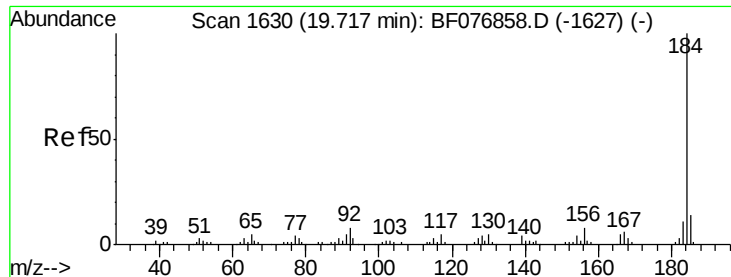
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BF077133.D
 Acq: 29 Jan 2015 20:30

Tgt Ion:240 Resp: 113341
 Ion Ratio Lower Upper
 240 100
 120 12.7 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





#76

Benzidine

Concen: 12.20 ng

RT: 19.50 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BF077133.D

Acq: 29 Jan 2015 20:30

Instrument :

BNA_F

ClientSampleId :

DIN46-WASTE-COMPOSITE4

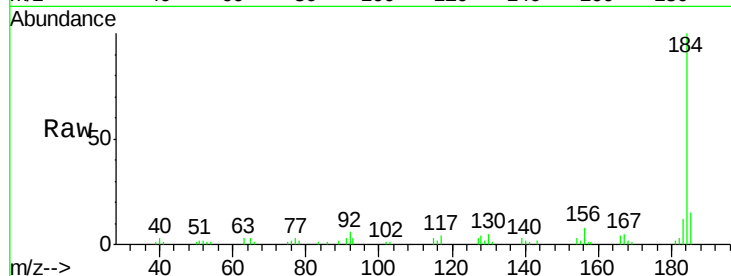
Tgt Ion:184 Resp: 44262

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.2

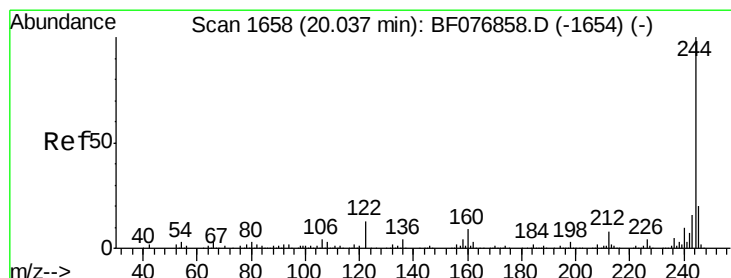
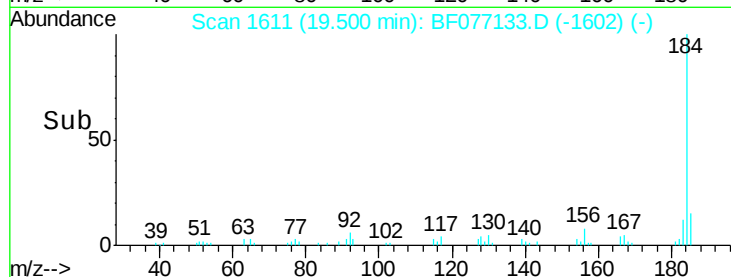
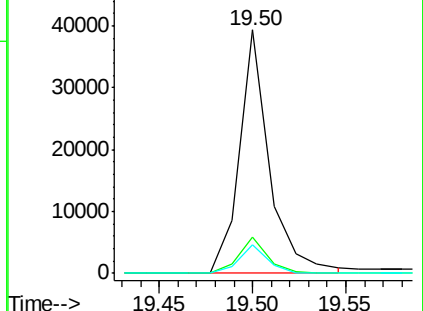
183 11.7 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 70.29 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF077133.D

Acq: 29 Jan 2015 20:30

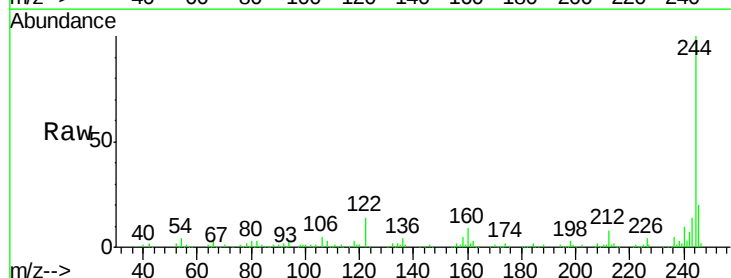
Tgt Ion:244 Resp: 346045

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

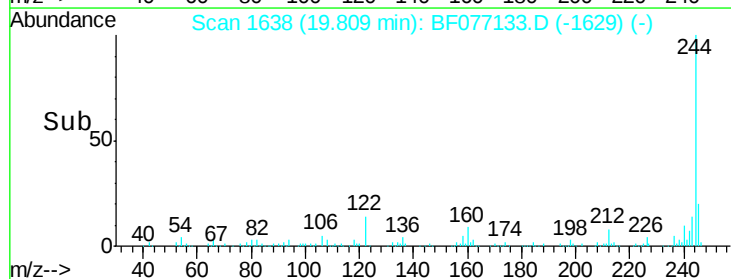
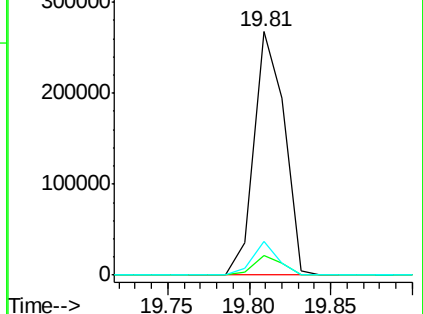
122 13.9 10.1 15.1

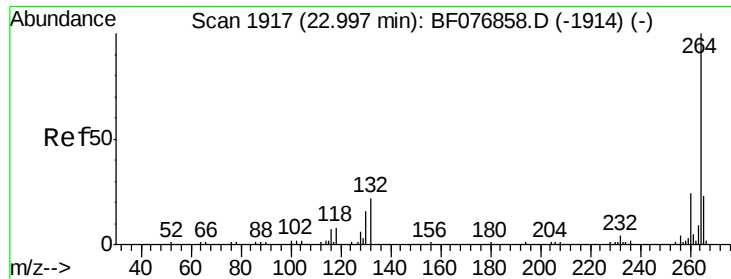


Abundance Ion 244.00 (243.70 to 244.70): E

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: 22.70 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BF077133.D
Acq: 29 Jan 2015 20:30

Instrument :
BNA_F
ClientSampleId :
DIN46-WASTE-COMPOSITE4

Tgt Ion: 264 Resp: 107517
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.4
265 21.5 18.1 27.1

