

Data Path : Z:\HPCHEM1\BNA F\Data\BF020415\
 Data File : BF077178.D
 Acq On : 4 Feb 2015 15:08
 Operator : TP/IZ
 Sample : PB81600BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 05 00:24:02 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 04 23:51:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	24815	20.00	ng	-0.01
21) Naphthalene-d8	10.59	136	93900	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	48252	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	92264	20.00	ng	0.00
75) Chrysene-d12	21.07	240	92978	20.00	ng	0.00
86) Perylene-d12	22.73	264	83394	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.69	112	172744	114.45	ng	0.00
7) Phenol-d6	7.08	99	212451	111.58	ng	-0.01
23) Nitrobenzene-d5	8.99	82	183159	108.06	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	44102	112.60	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	394448	124.40	ng	-0.01
78) Terphenyl-d14	19.81	244	467519	115.76	ng	0.00

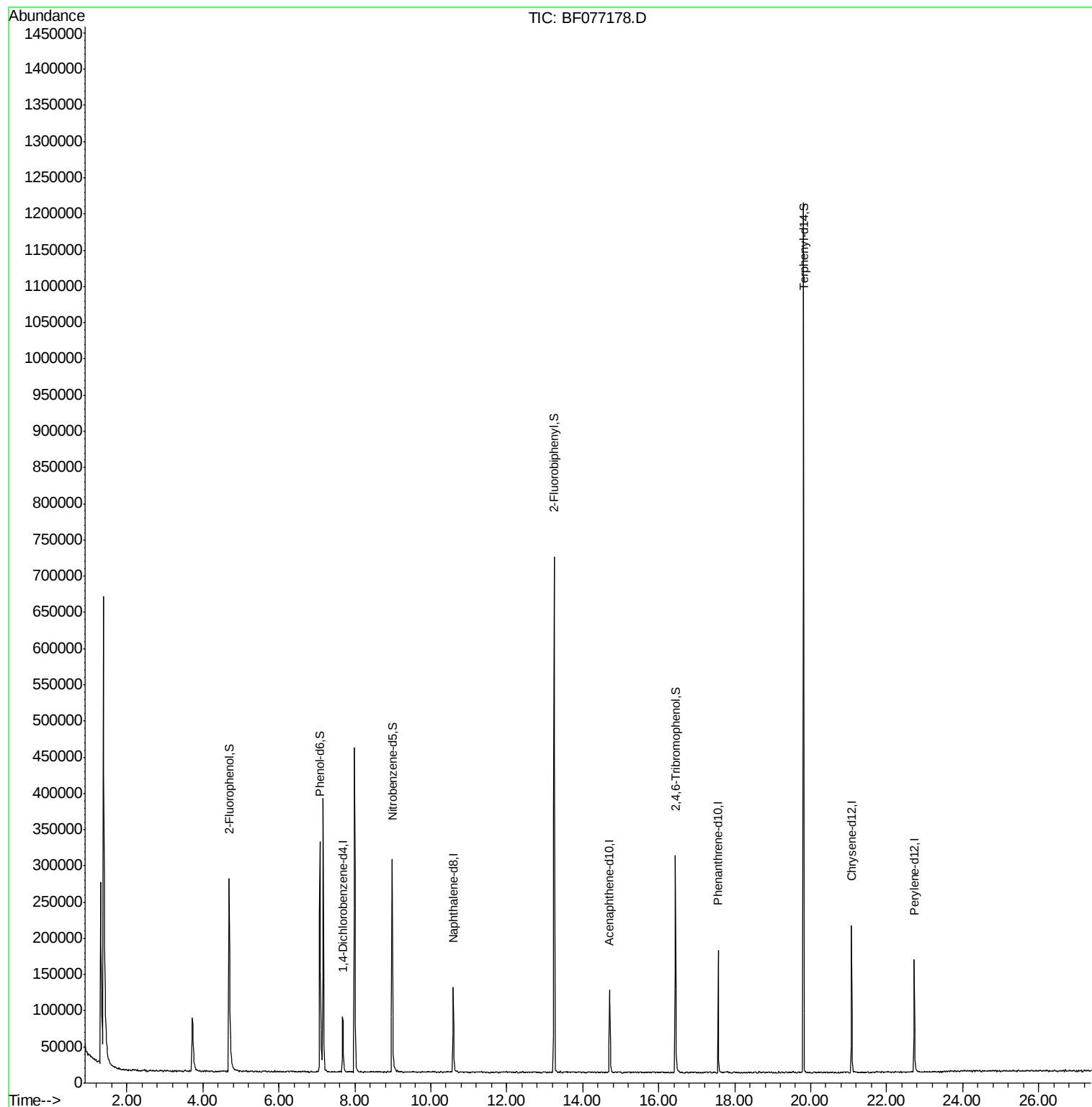
Target Compounds Qvalue

(#) = 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# 594

Delta R.T. -0.01 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

Instrument :

BNA_F

ClientSampleId :

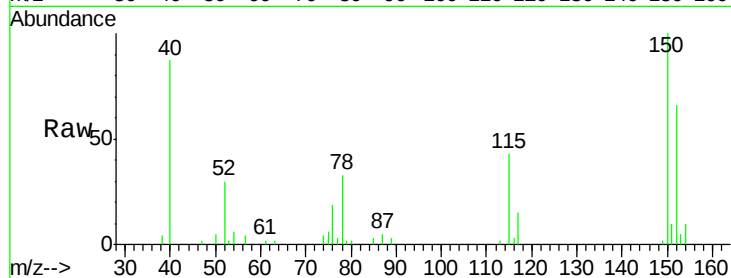
Tot Ion:152 Resp: 24815

Ion Ratio Lower Upper

152 100

150 151.1 121.7 182.5

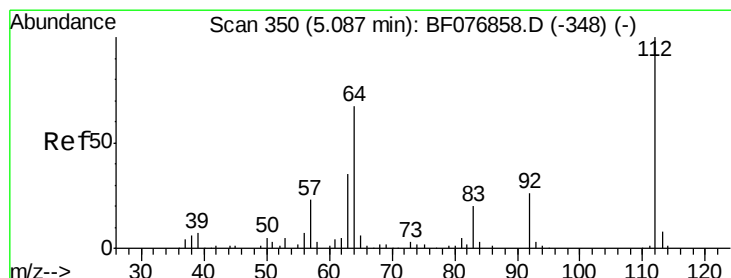
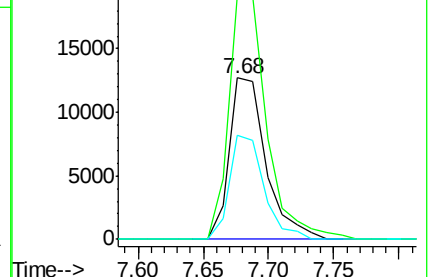
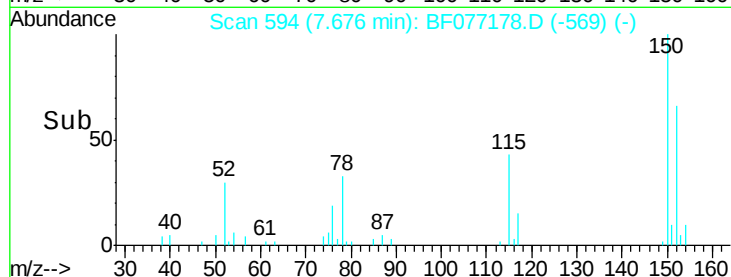
115 64.6 47.0 70.6



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: 114.45 ng

RT: 4.69 min Scan# 333

Delta R.T. 0.00 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

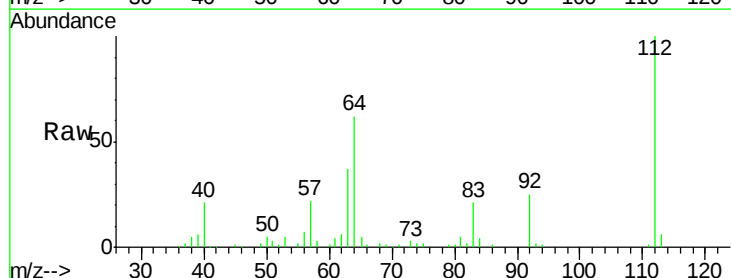
Tgt Ion:112 Resp: 172744

Ion Ratio Lower Upper

112 100

64 62.0 54.2 81.4

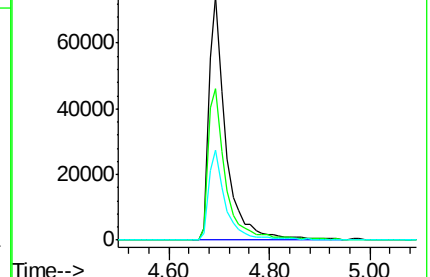
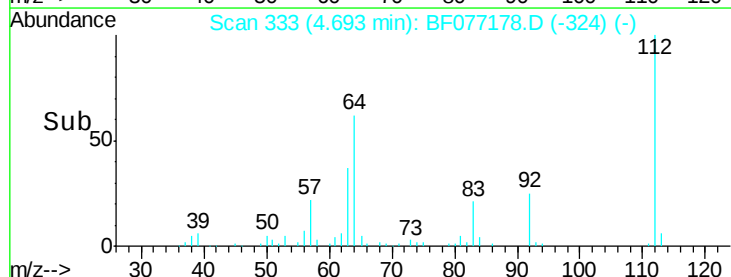
63 37.1 28.4 42.6



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: 111.58 ng

RT: 7.08 min Scan# 542

Delta R.T. -0.01 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

Instrument :

BNA_F

ClientSampleId :

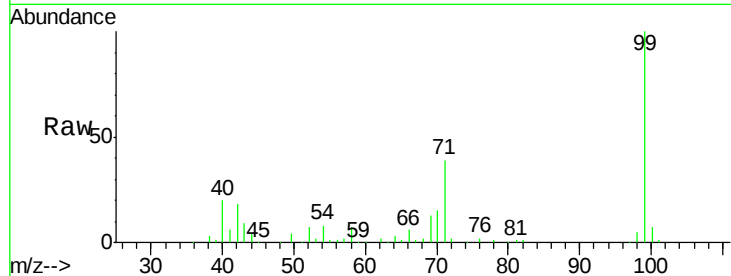
Tot Ion: 99 Resp: 212451

Ion Ratio Lower Upper

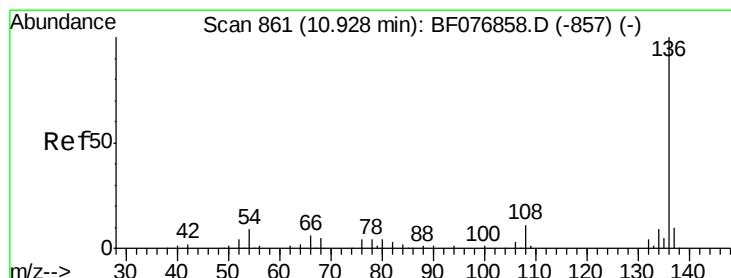
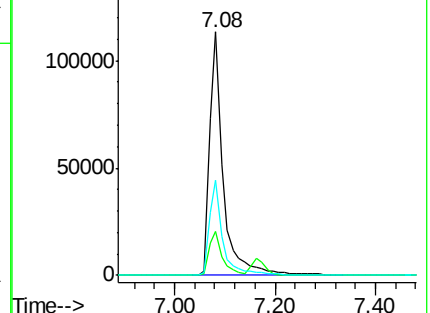
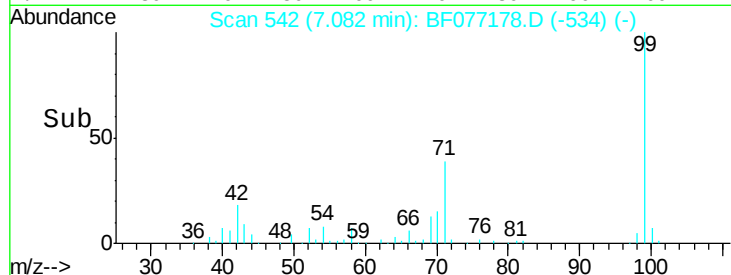
99 100

42 18.1 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: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

Tgt Ion: 136 Resp: 93900

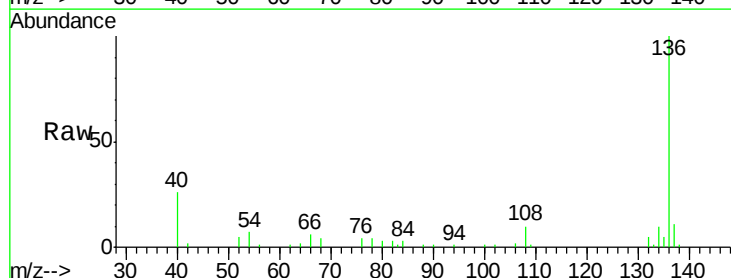
Ion Ratio Lower Upper

136 100

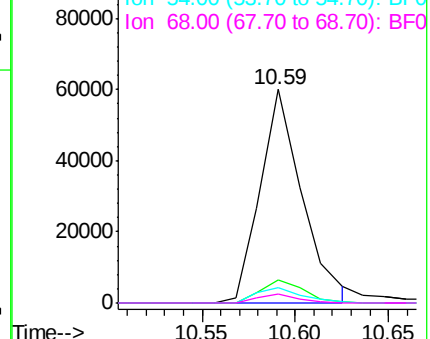
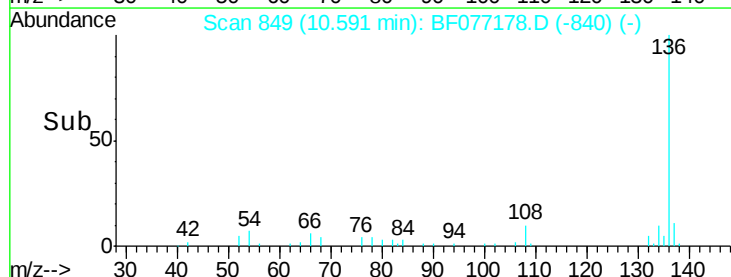
137 10.6 8.1 12.1

54 7.1 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

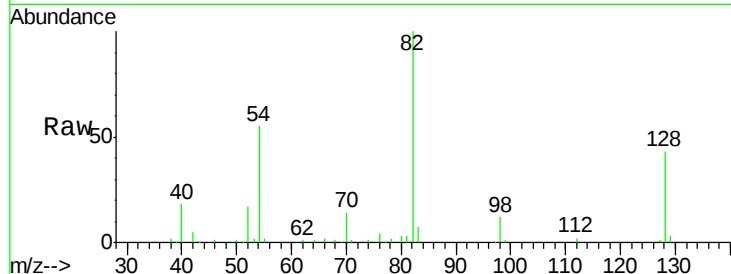




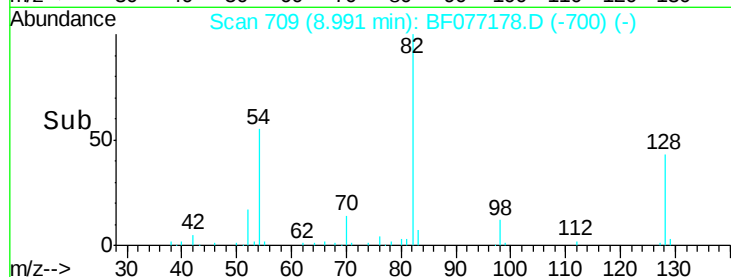
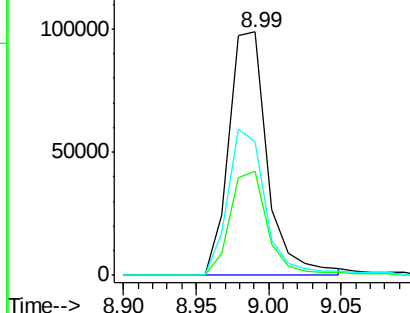
#23
 Nitrobenzene-d5
 Concen: 108.06 ng
 RT: 8.99 min Scan# 709
 Delta R.T. 0.00 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 183159
 Ion Ratio Lower Upper
 82 100
 128 42.8 33.1 49.7
 54 54.8 48.3 72.5

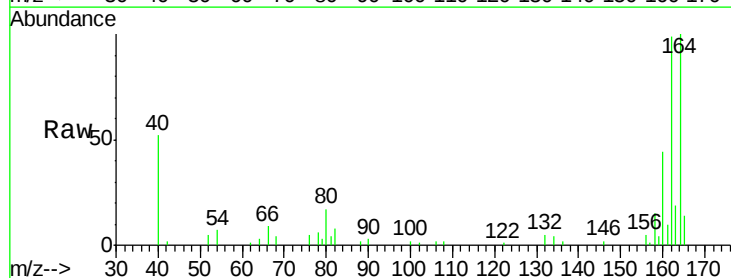


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

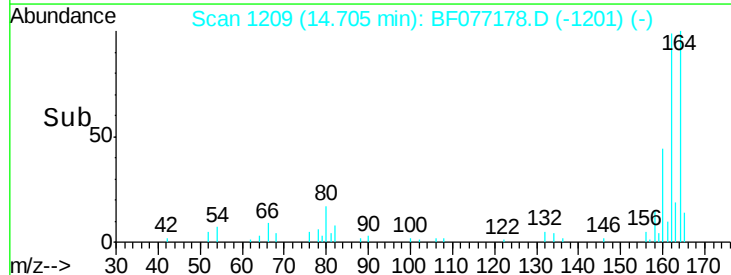
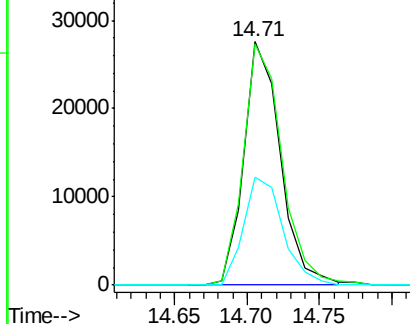


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

Tgt Ion:164 Resp: 48252
 Ion Ratio Lower Upper
 164 100
 162 98.8 82.4 123.6
 160 44.5 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BF0
 Ion 162.00 (161.70 to 162.70): BF0
 Ion 160.00 (159.70 to 160.70): BF0

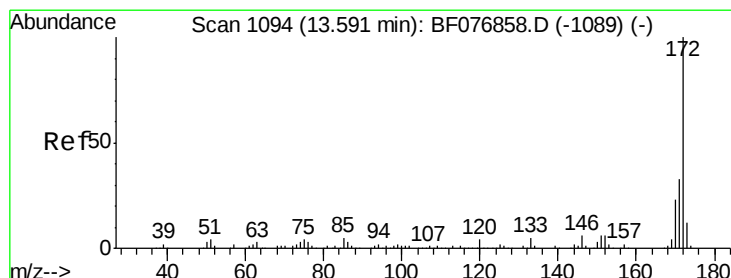
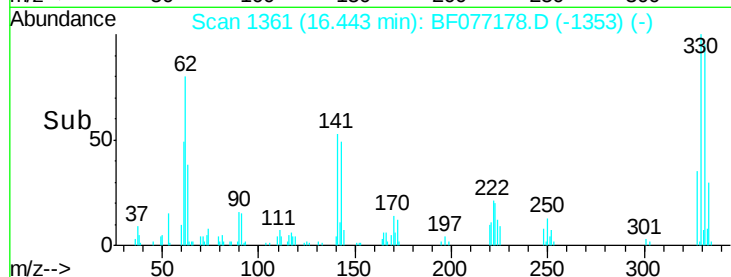
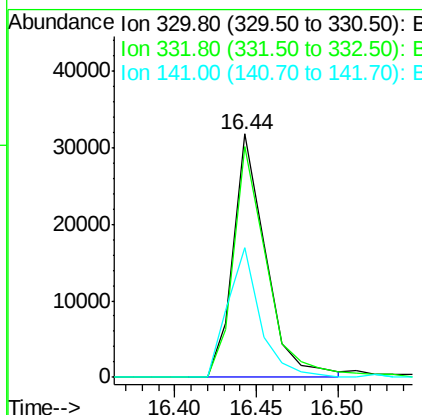
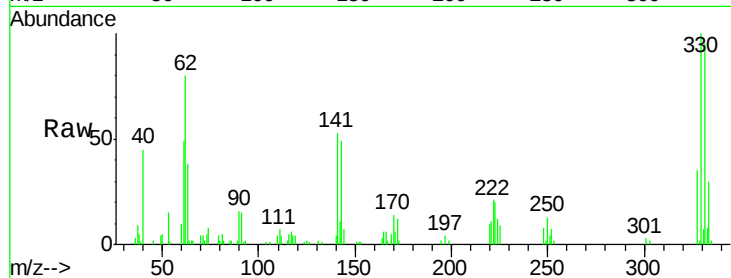




#41
 2,4,6-Tribromophenol
 Concen: 112.60 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

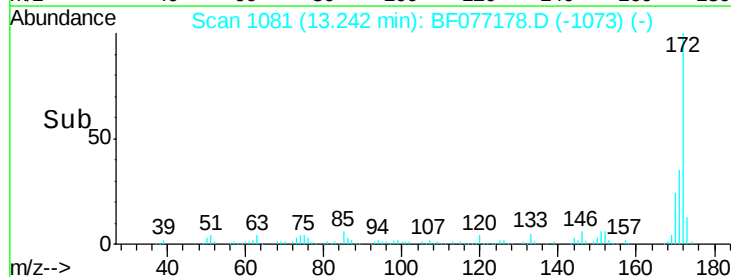
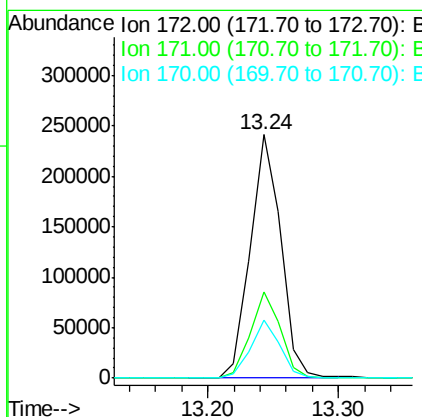
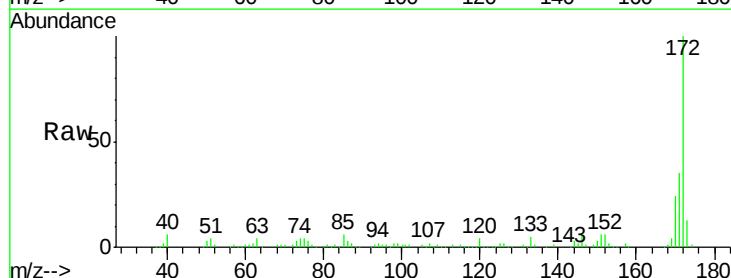
Instrument :
 BNA_F
 ClientSampled :

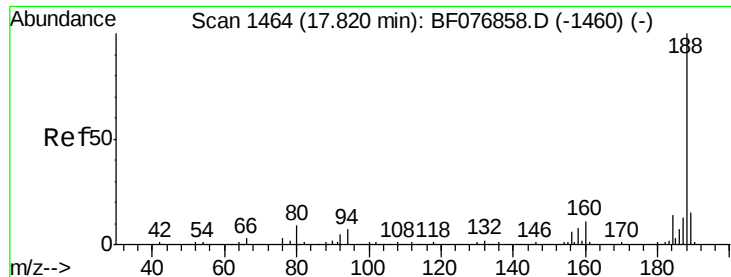
Tot Ion:330 Resp: 44102
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.8 116.6
 141 52.5 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 124.40 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

Tgt Ion:172 Resp: 394448
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 23.6 18.0 27.0

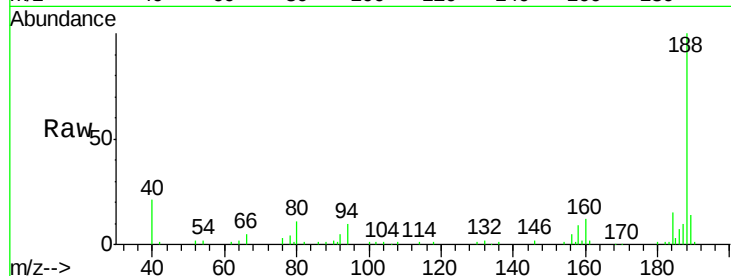




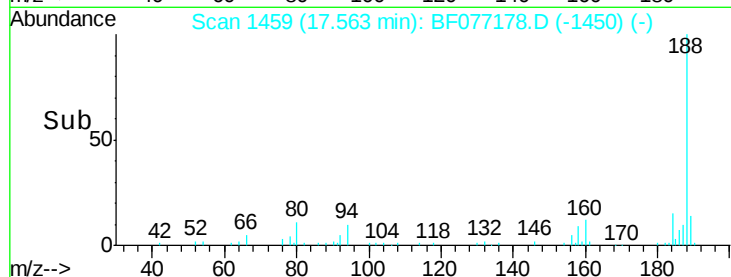
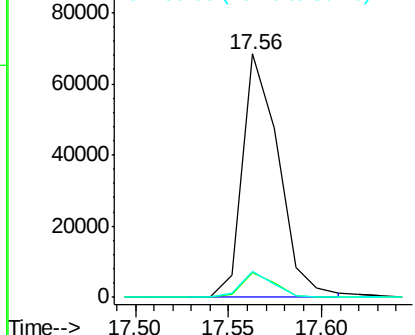
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. 0.00 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 92264
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.0 9.0#
 80 10.6 6.9 10.3#

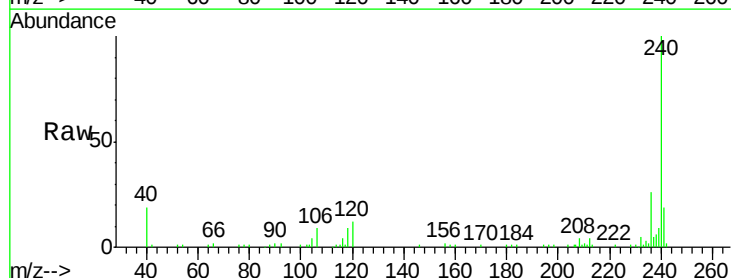


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

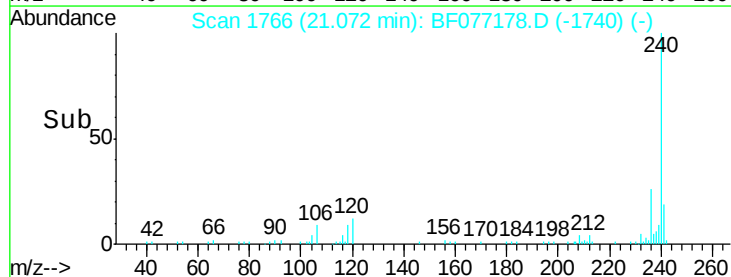
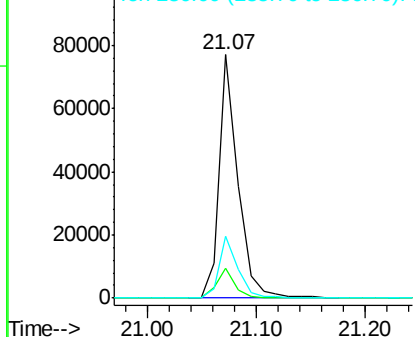


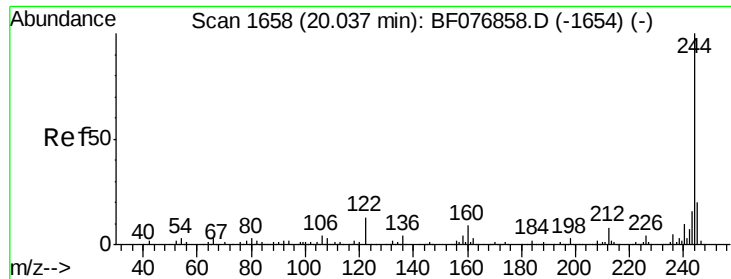
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.07 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF077178.D
 Acq: 4 Feb 2015 15:08

Tgt Ion:240 Resp: 92978
 Ion Ratio Lower Upper
 240 100
 120 12.3 10.4 15.6
 236 25.6 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: 115.76 ng

RT: 19.81 min Scan# 1656

Delta R.T. 0.00 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

Instrument :

BNA_F

ClientSampled :

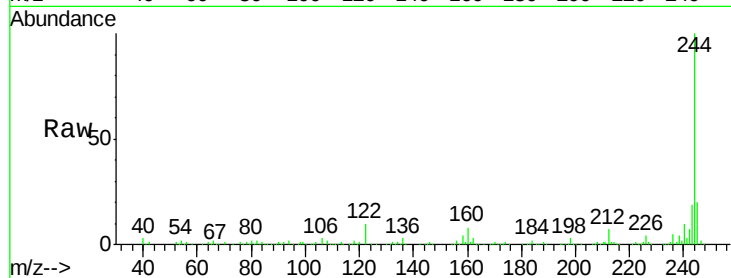
Tot Ion:244 Resp: 467519

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

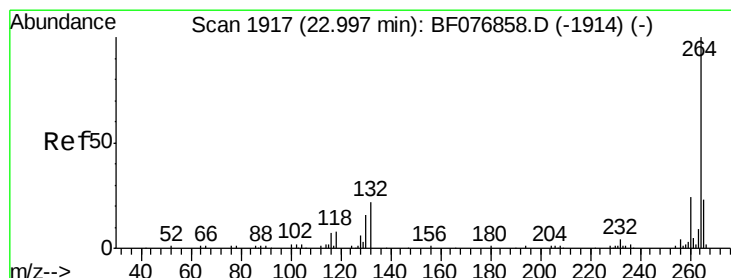
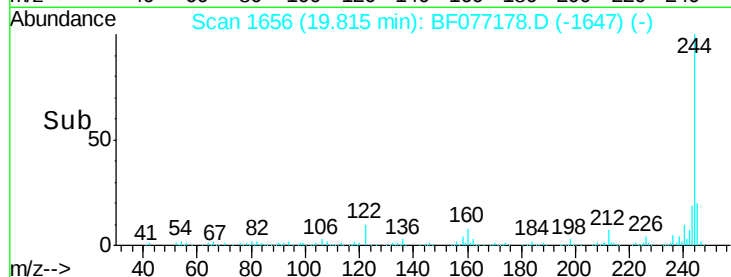
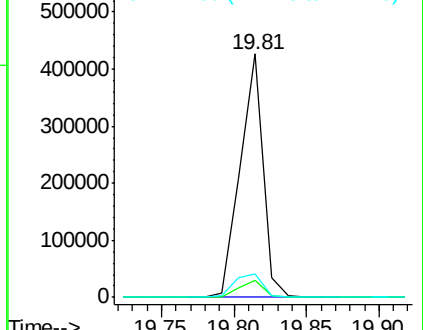
122 9.5 10.1 15.1#



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: 22.73 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BF077178.D

Acq: 4 Feb 2015 15:08

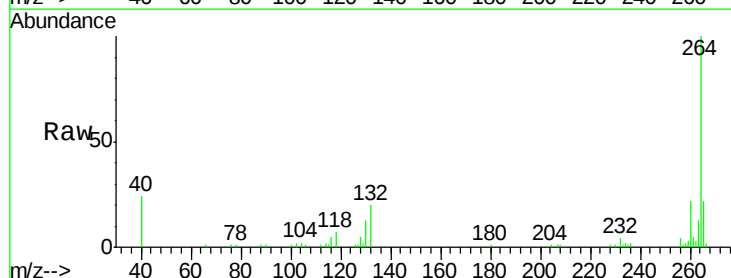
Tgt Ion:264 Resp: 83394

Ion Ratio Lower Upper

264 100

260 22.3 19.0 28.4

265 22.0 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

