

Data Path : Z:\HPCHEM1\BNA F\Data\BF020515\
 Data File : BF077188.D
 Acq On : 5 Feb 2015 17:06
 Operator : TP/IZ
 Sample : G1215-02
 Misc : W/DOD
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 00:28:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 00:12:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	30366	20.00	ng	0.00
21) Naphthalene-d8	10.59	136	125648	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	69882	20.00	ng	-0.01
63) Phenanthrene-d10	17.56	188	118550	20.00	ng	0.00
75) Chrysene-d12	21.07	240	126377	20.00	ng	0.00
86) Perylene-d12	22.72	264	113387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.70	112	64655	35.01	ng	0.01
7) Phenol-d6	7.10	99	48383	20.77	ng	0.02
23) Nitrobenzene-d5	8.99	82	148920	65.66	ng	0.00
41) 2,4,6-Tribromophenol	16.44	330	48240	85.04	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	327891	71.40	ng	0.00
78) Terphenyl-d14	19.81	244	377754	68.81	ng	0.00

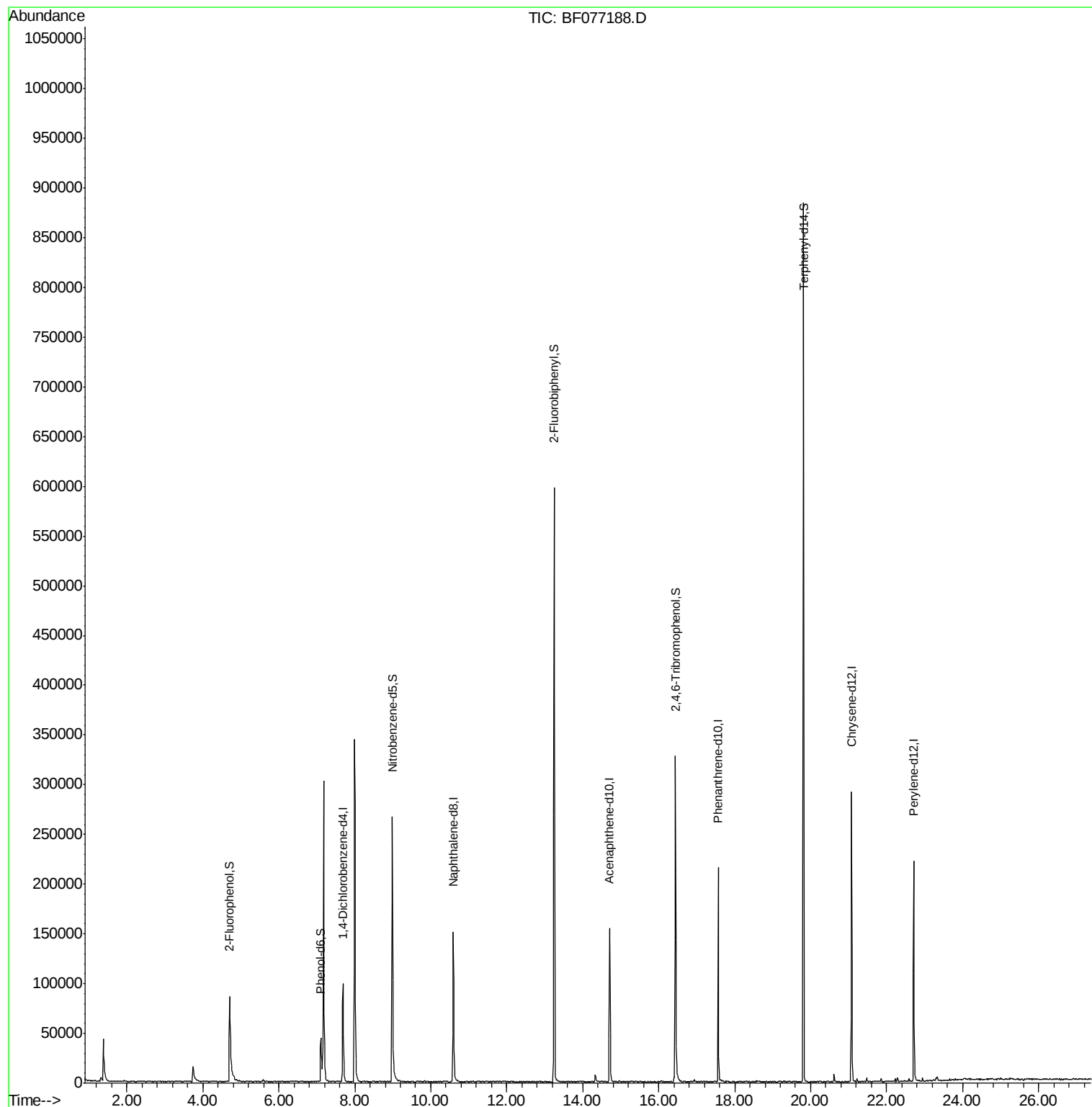
Target Compounds Qvalue

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

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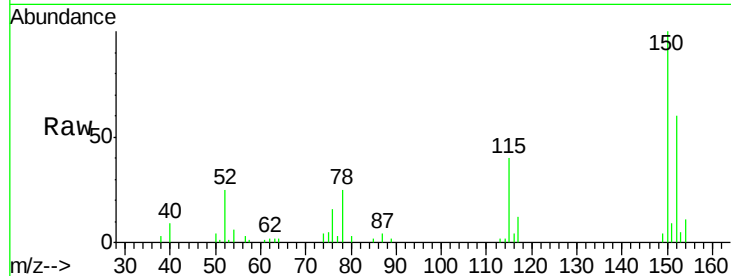


#1

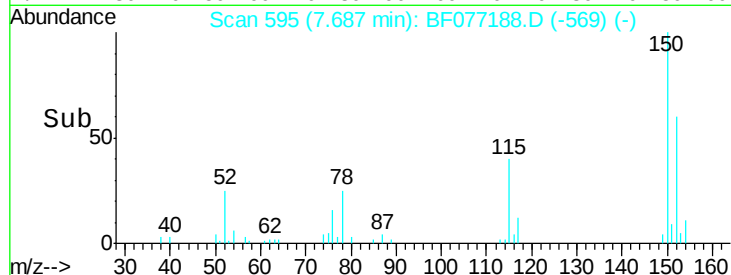
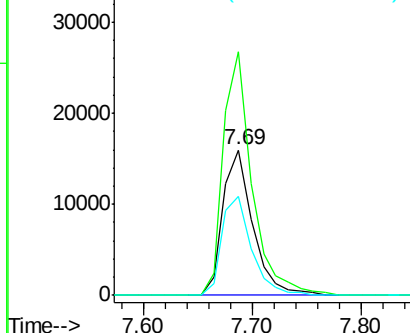
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 595
Delta R.T. -0.00 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 30366
Ion Ratio Lower Upper
152 100
150 167.7 121.7 182.5
115 67.9 47.0 70.6



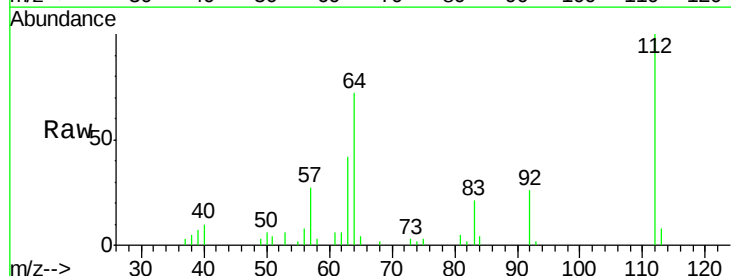
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



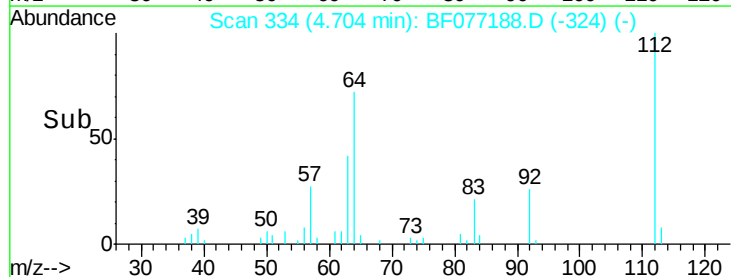
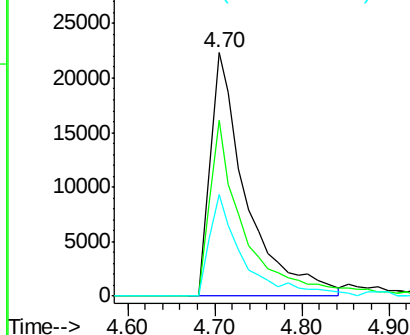
#5

2-Fluorophenol
Concen: 35.01 ng
RT: 4.70 min Scan# 334
Delta R.T. 0.01 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

Tgt Ion:112 Resp: 64655
Ion Ratio Lower Upper
112 100
64 72.3 54.2 81.4
63 41.8 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: 20.77 ng

RT: 7.10 min Scan# 544

Delta R.T. 0.02 min

Lab File: BF077188.D

Acq: 5 Feb 2015 17:06

Instrument :

BNA_F

ClientSampled :

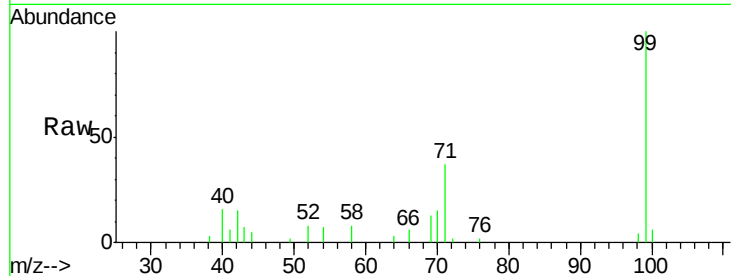
Tot Ion: 99 Resp: 48383

Ion Ratio Lower Upper

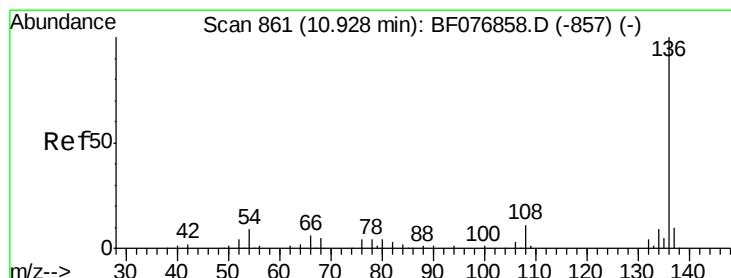
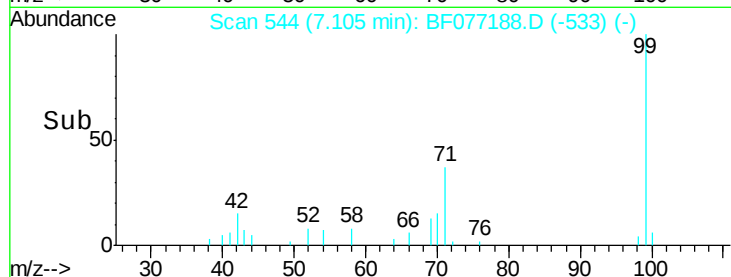
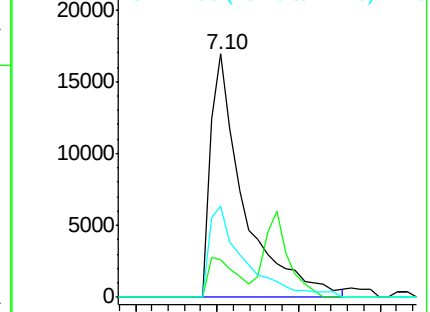
99 100

42 15.4 15.0 22.4

71 37.4 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: 10.59 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF077188.D

Acq: 5 Feb 2015 17:06

Tgt Ion: 136 Resp: 125648

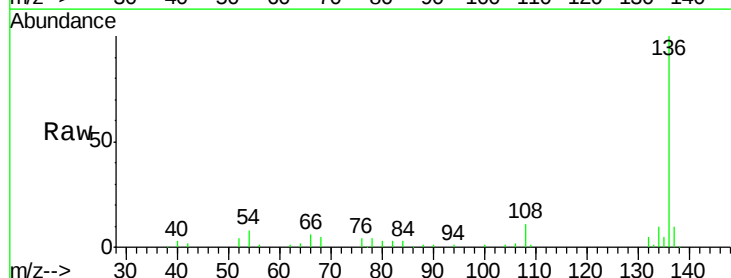
Ion Ratio Lower Upper

136 100

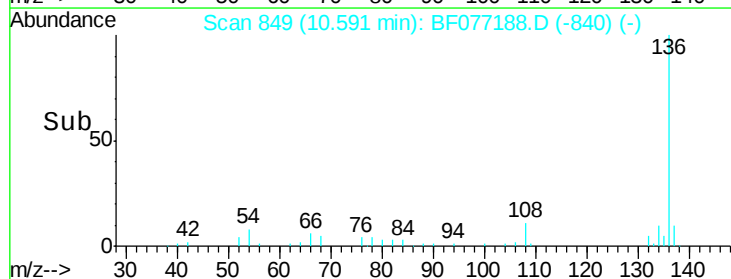
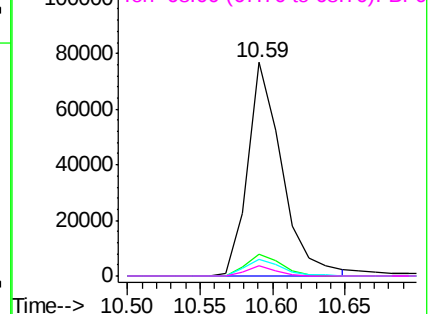
137 10.4 8.1 12.1

54 7.6 7.0 10.4

68 4.8 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

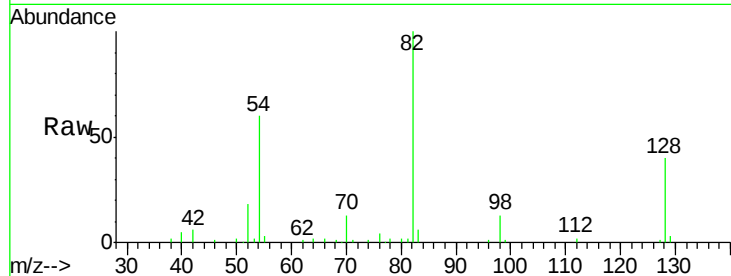




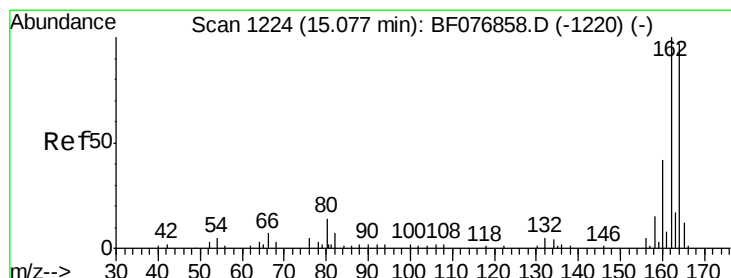
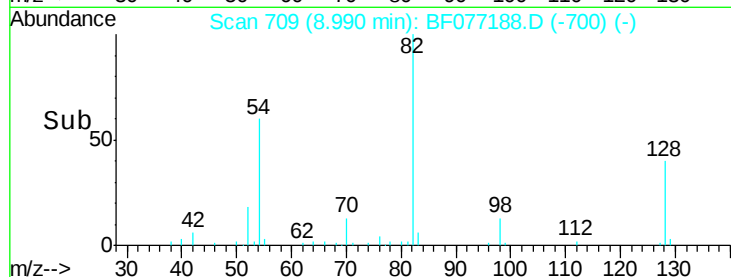
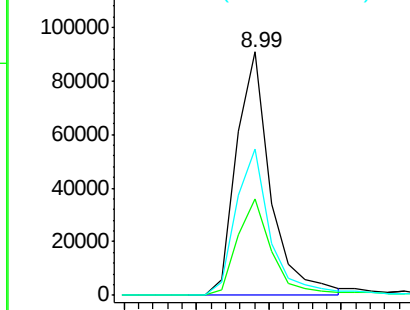
#23
 Nitrobenzene-d5
 Concen: 65.66 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 148920
 Ion Ratio Lower Upper
 82 100
 128 39.6 33.1 49.7
 54 59.9 48.3 72.5

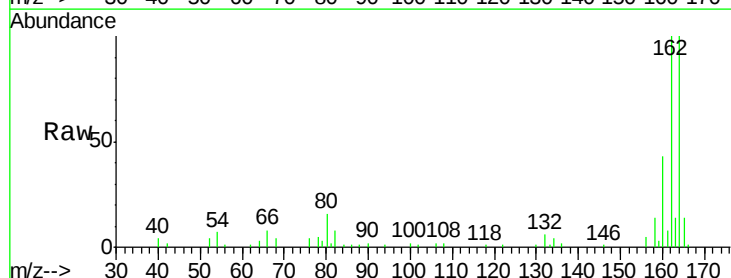


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

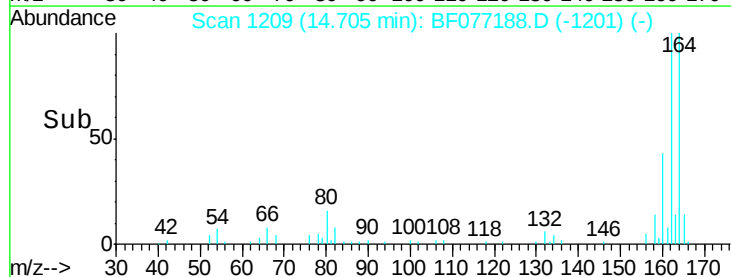
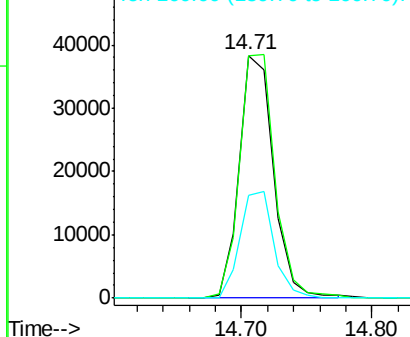


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Tgt Ion: 164 Resp: 69882
 Ion Ratio Lower Upper
 164 100
 162 99.7 82.4 123.6
 160 42.5 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

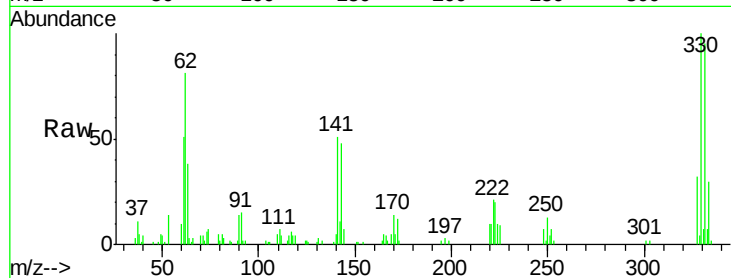




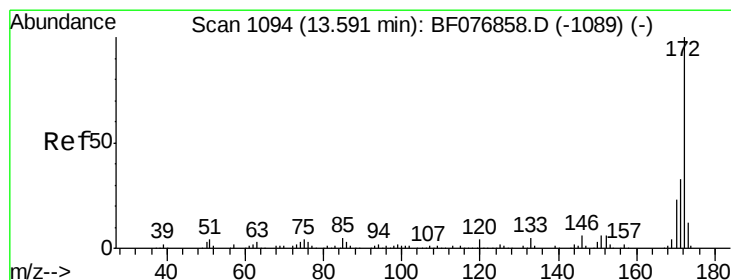
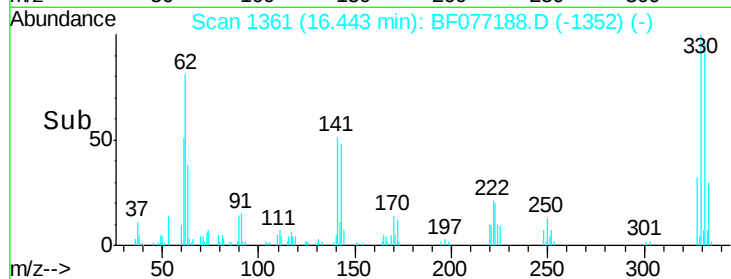
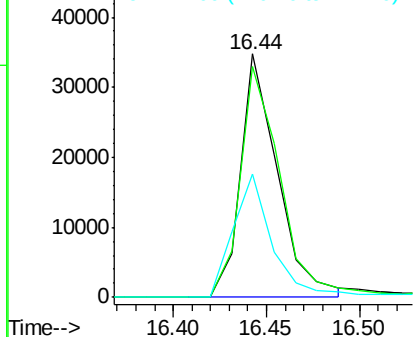
#41
 2,4,6-Tribromophenol
 Concen: 85.04 ng
 RT: 16.44 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 48240
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.8 116.6
 141 53.2 38.5 57.7

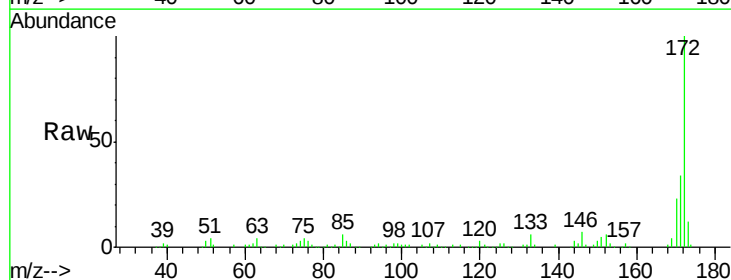


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

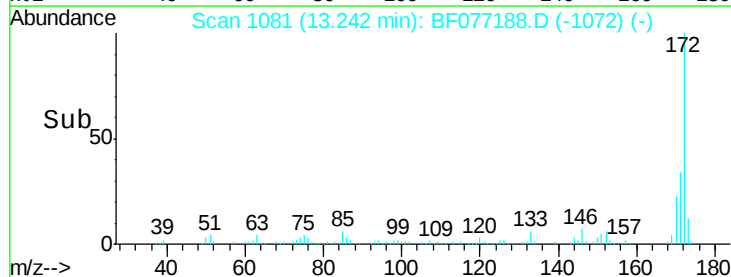
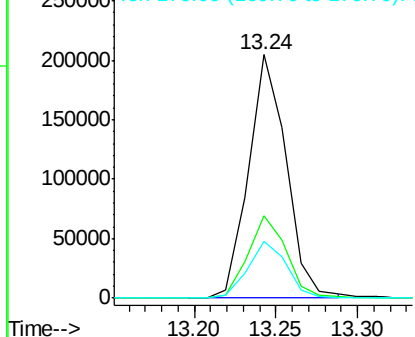


#44
 2-Fluorobiphenyl
 Concen: 71.40 ng
 RT: 13.24 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Tgt Ion:172 Resp: 327891
 Ion Ratio Lower Upper
 172 100
 171 33.6 26.6 40.0
 170 23.2 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

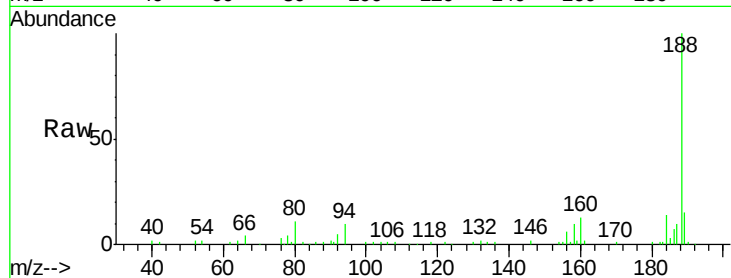




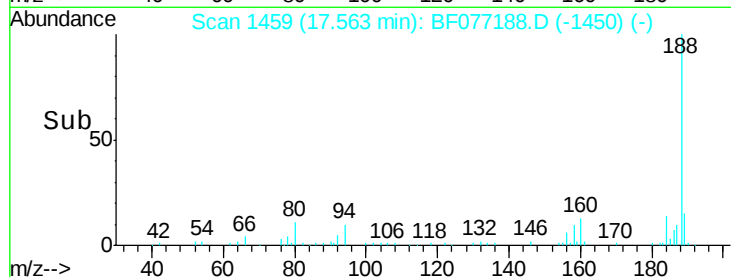
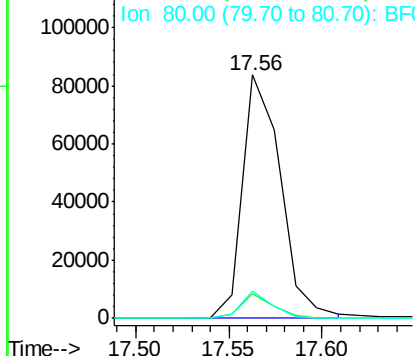
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 118550
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 11.2 6.9 10.3#

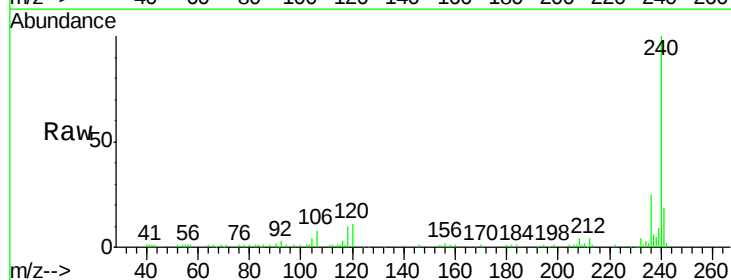


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

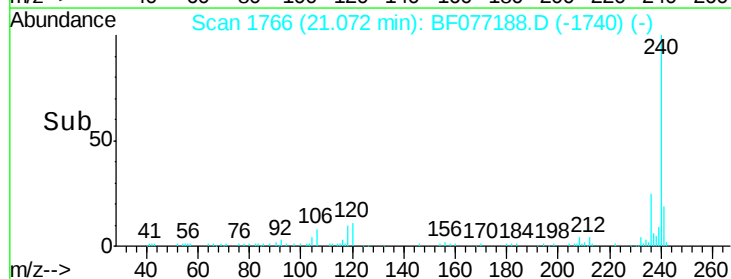
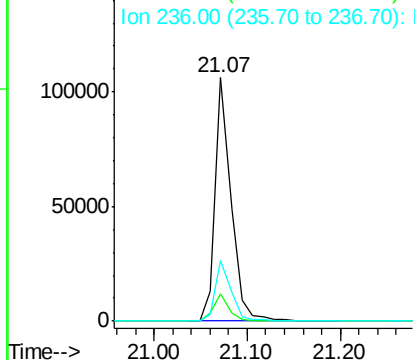


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

Tgt Ion:240 Resp: 126377
Ion Ratio Lower Upper
240 100
120 11.4 10.4 15.6
236 25.1 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

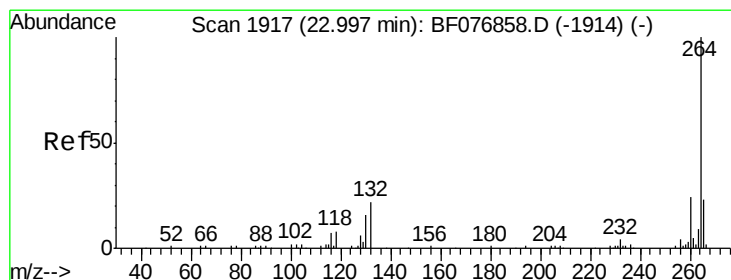
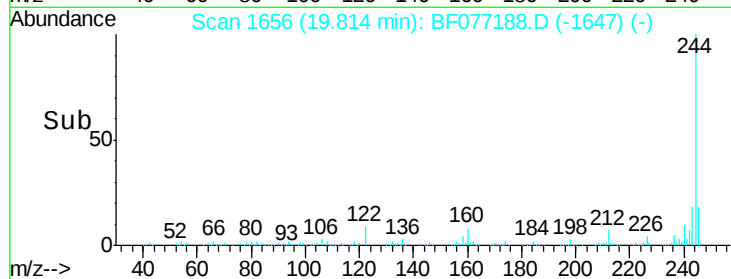
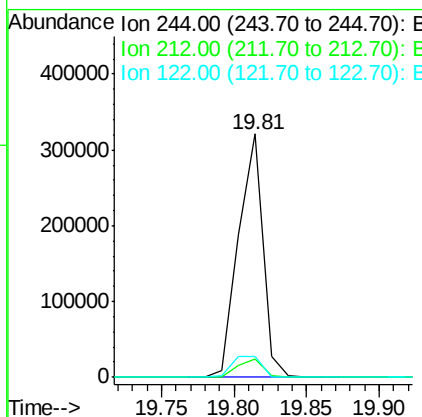
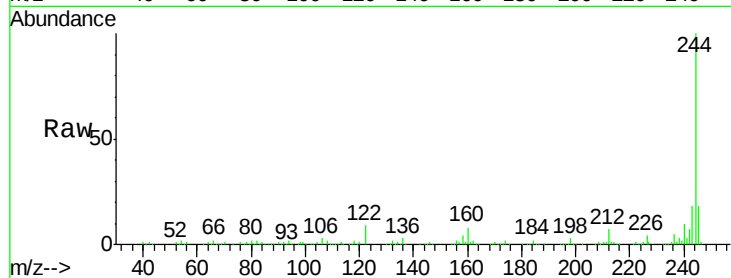




#78
 Terphenyl-d14
 Concen: 68.81 ng
 RT: 19.81 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 377754
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.3 9.5
 122 8.6 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.72 min Scan# 1910
 Delta R.T. -0.03 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Tgt Ion:264 Resp: 113387
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.4
 265 20.9 18.1 27.1

