

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 :
 DCW-WW-056-2315

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

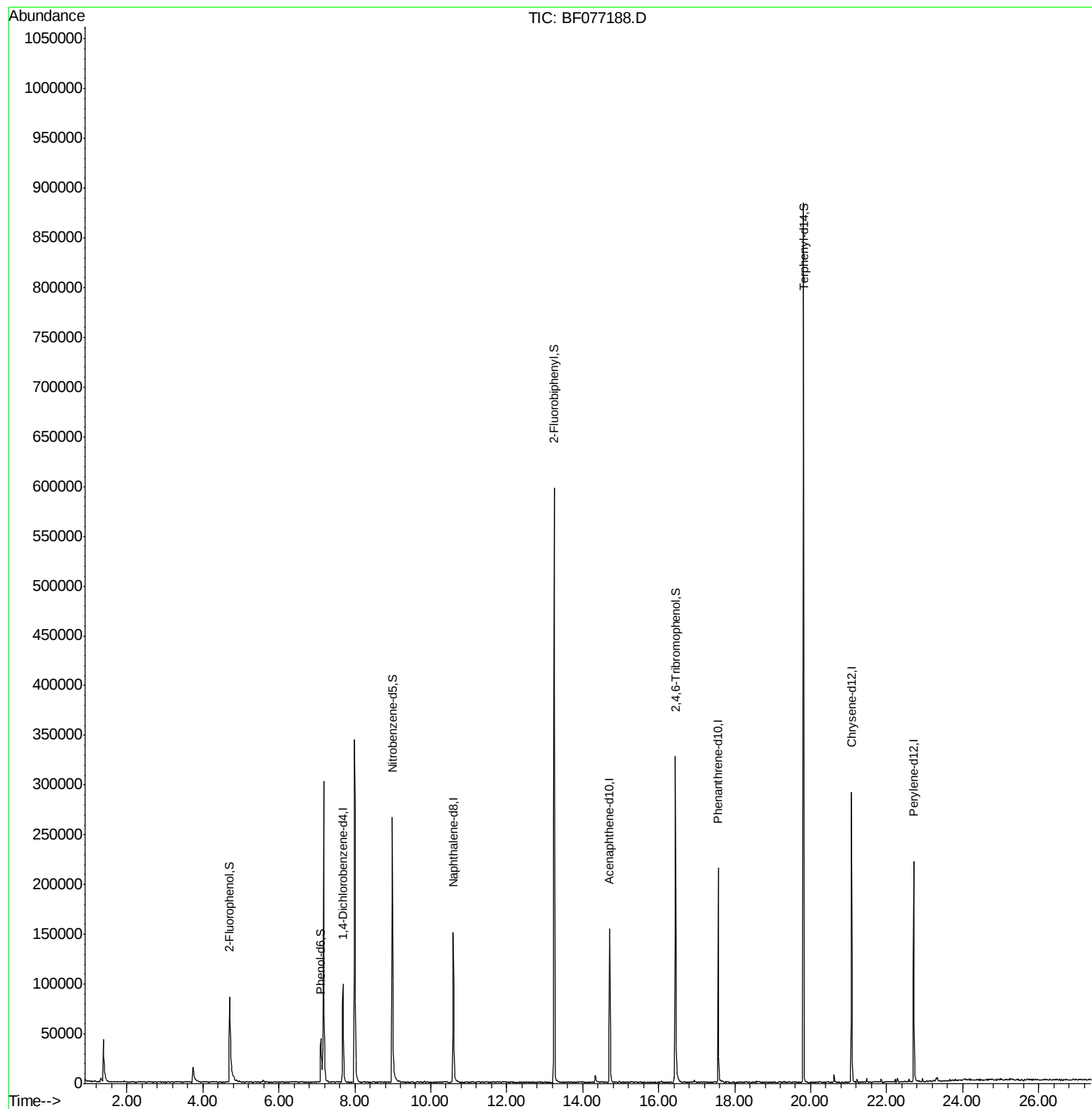
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

DCW-WW-056-2315

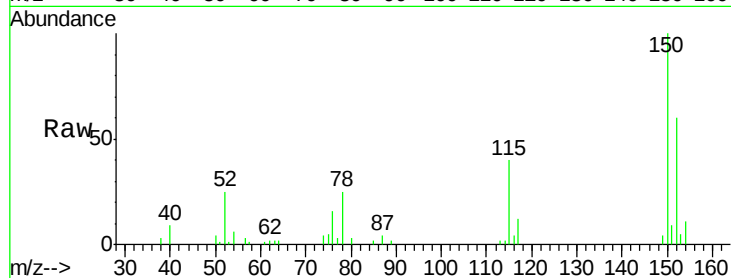
Tgt Ion:152 Resp: 30366

Ion Ratio Lower Upper

152 100

150 167.7 121.7 182.5

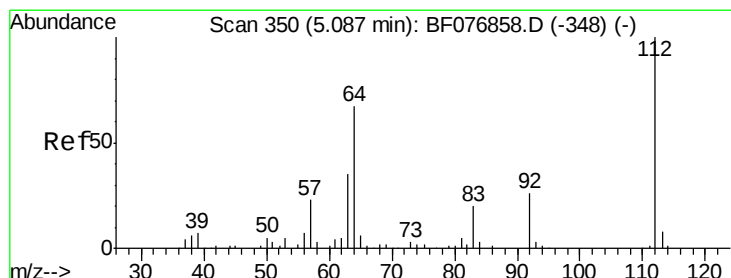
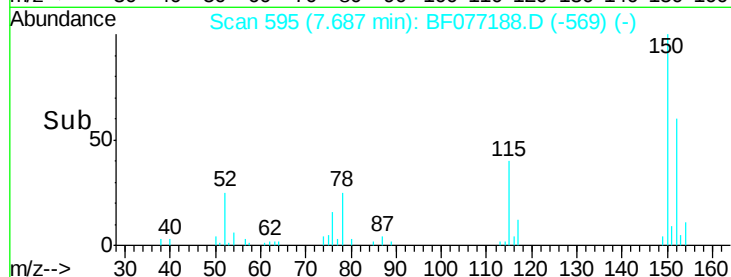
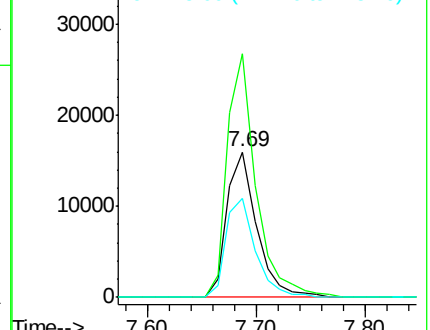
115 67.9 47.0 70.6



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

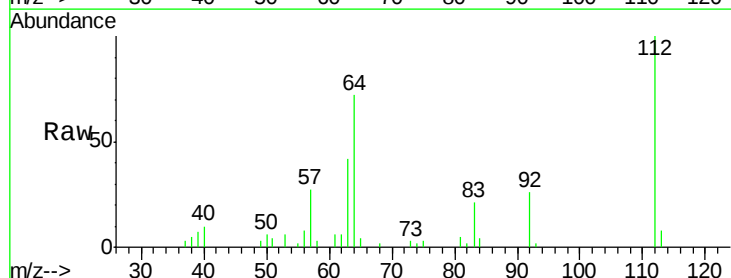
Tgt Ion:112 Resp: 64655

Ion Ratio Lower Upper

112 100

64 72.3 54.2 81.4

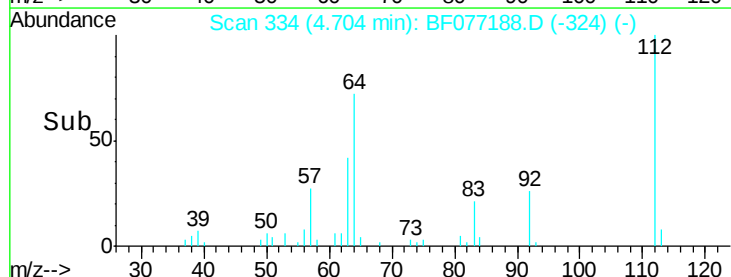
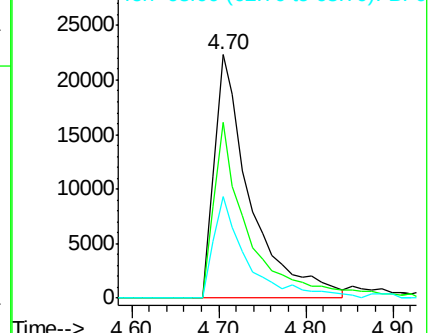
63 41.8 28.4 42.6

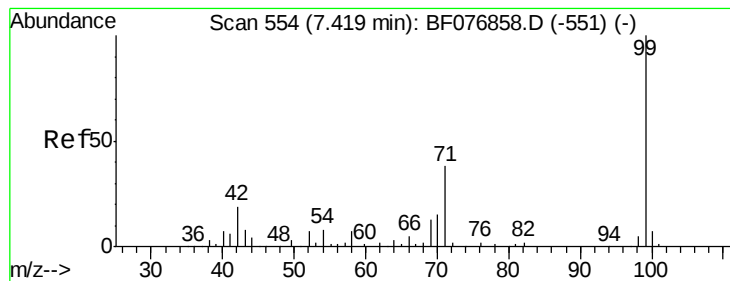


Abundance Ion 112.00 (111.70 to 112.70): E

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

ClientSampleId :

DCW-WW-056-2315

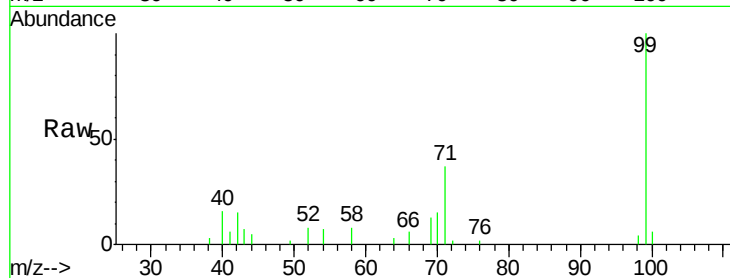
Tgt Ion: 99 Resp: 48383

Ion Ratio Lower Upper

99 100

42 15.4 15.0 22.4

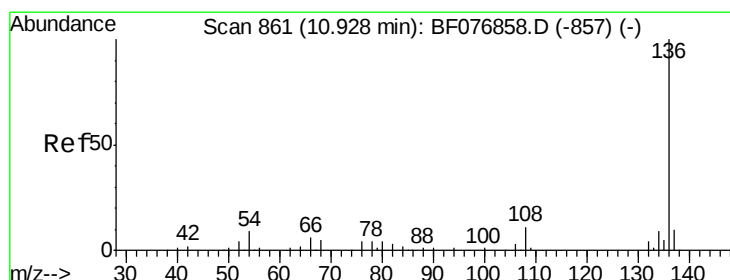
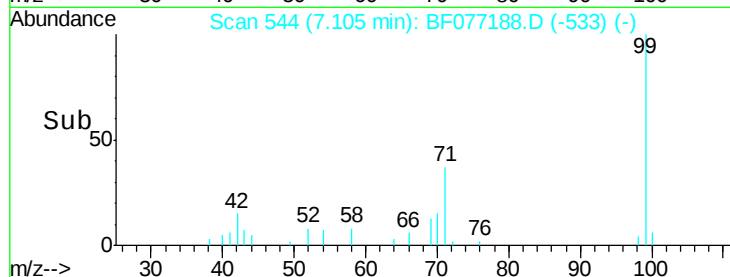
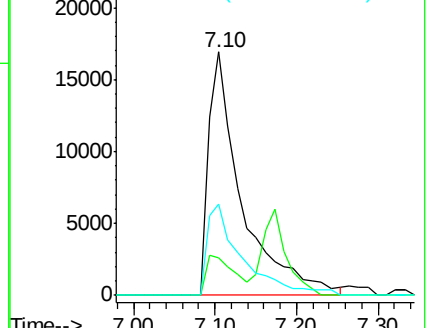
71 37.4 30.5 45.7



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

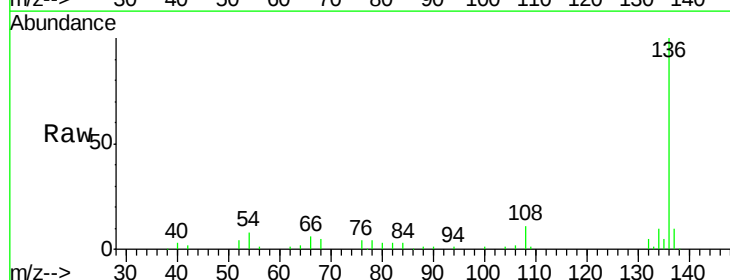
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 7.6 7.0 10.4

68 4.8 3.7 5.5

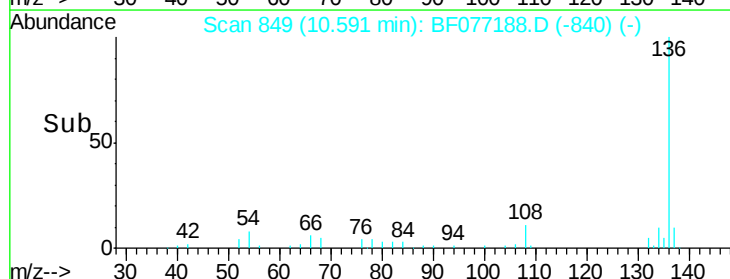
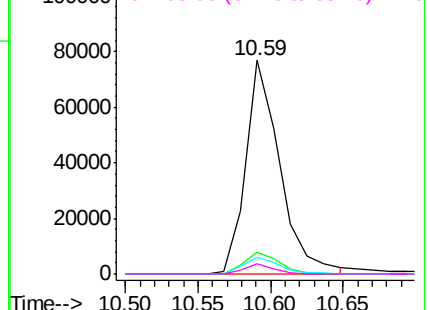


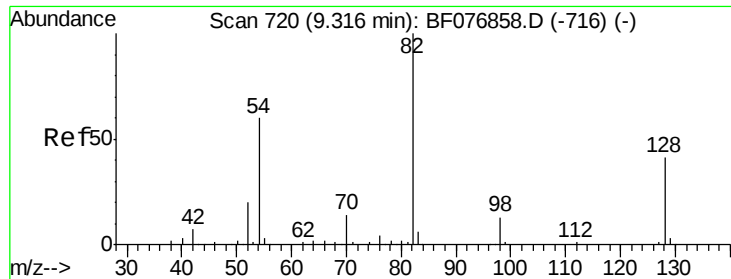
Abundance Ion 136.00 (135.70 to 136.70): E

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

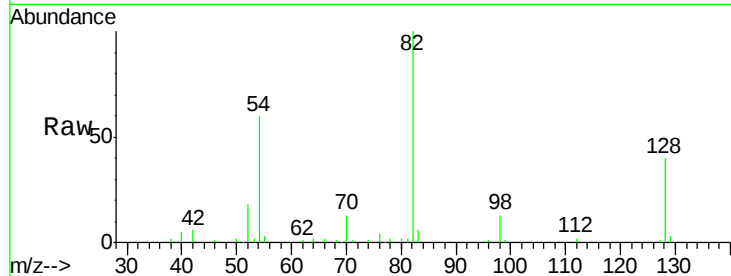




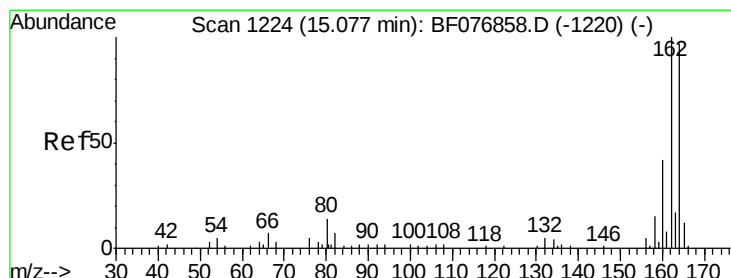
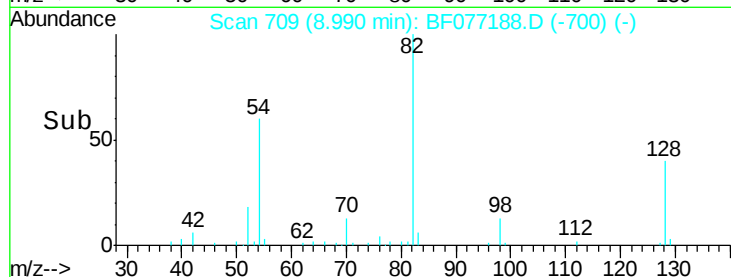
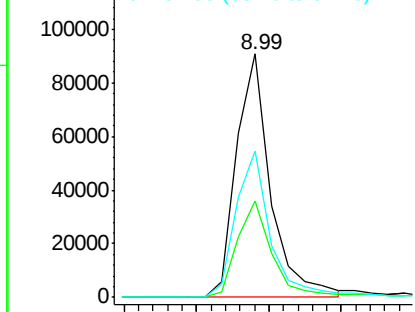
#23
 Nitrobenzene-d5
 Concen: 65.66 ng
 RT: 8.99 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-056-2315

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

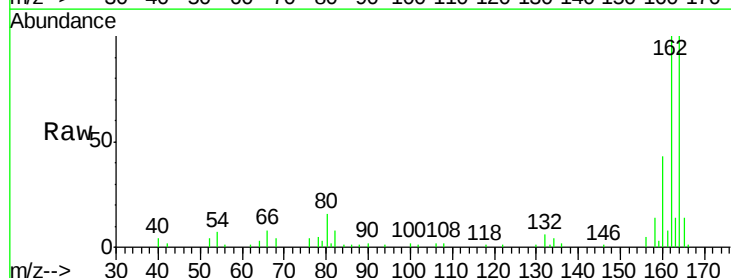


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

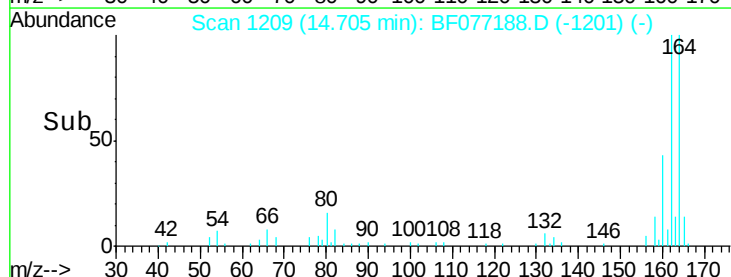
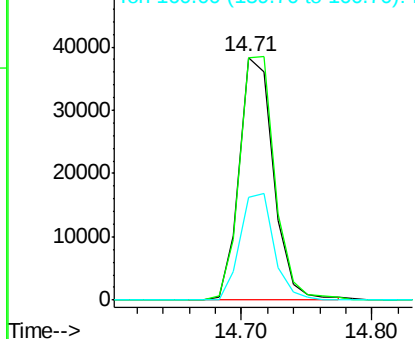


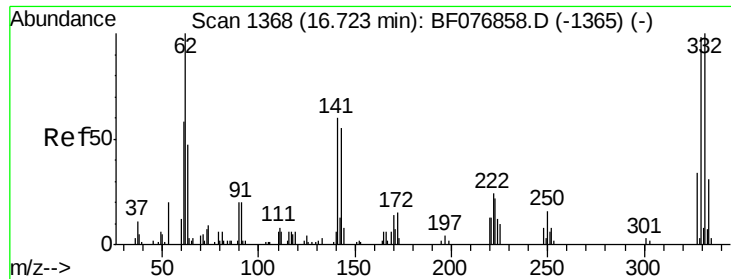
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF077188.D
 Acq: 5 Feb 2015 17:06

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 :

DCW-WW-056-2315

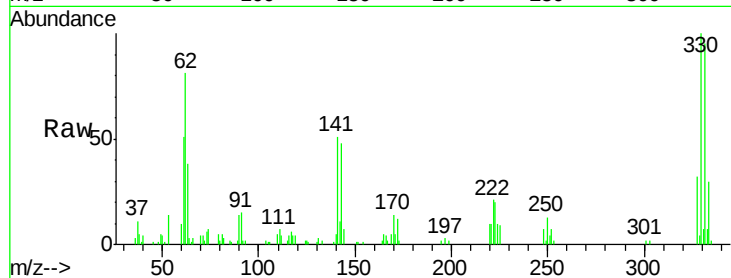
Tgt Ion:330 Resp: 48240

Ion Ratio Lower Upper

330 100

332 100.7 77.8 116.6

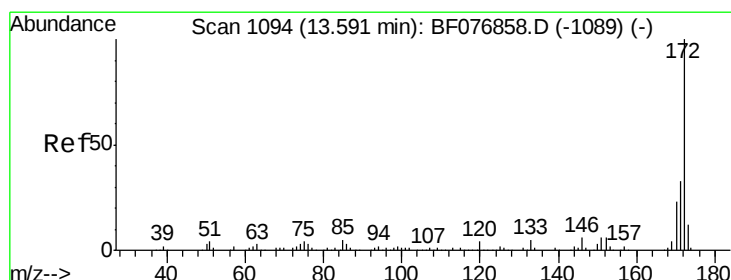
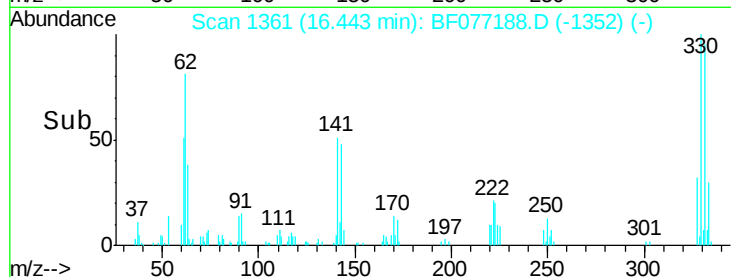
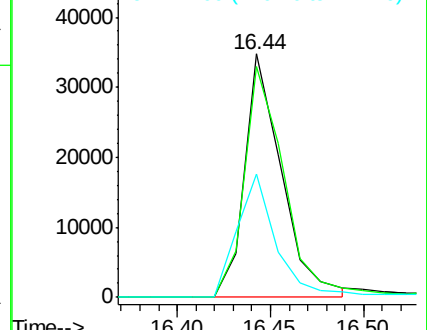
141 53.2 38.5 57.7



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

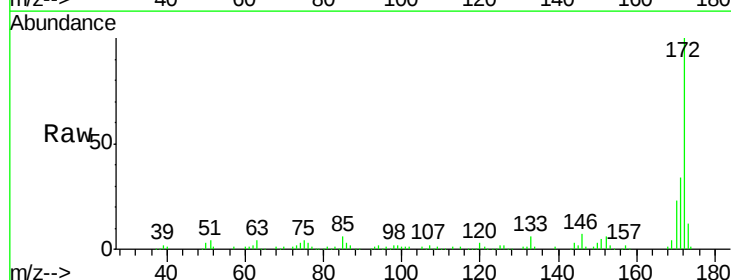
Tgt Ion:172 Resp: 327891

Ion Ratio Lower Upper

172 100

171 33.6 26.6 40.0

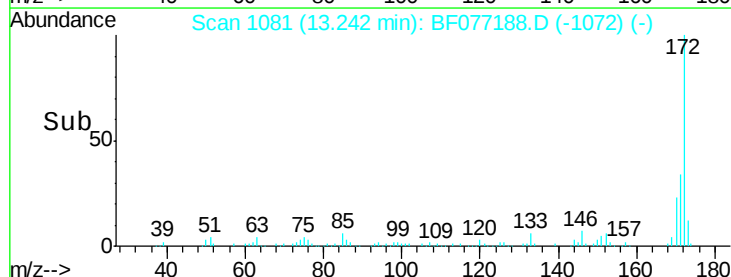
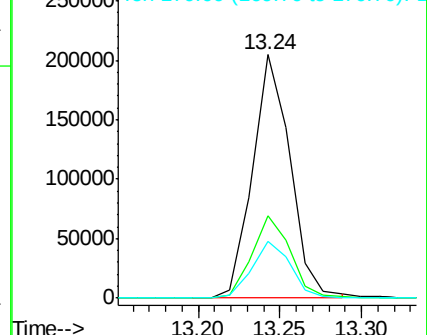
170 23.2 18.0 27.0

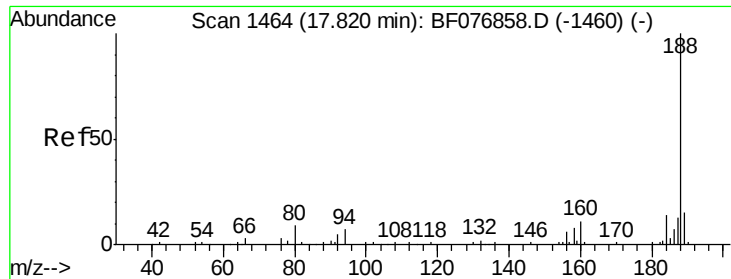


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

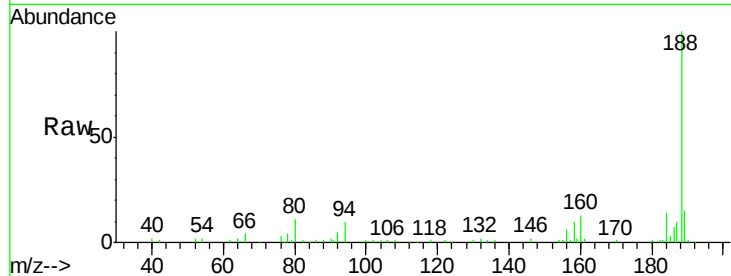




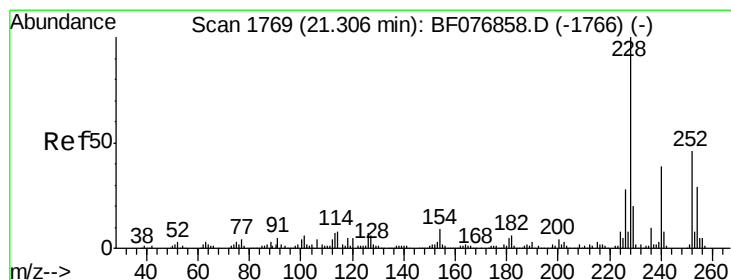
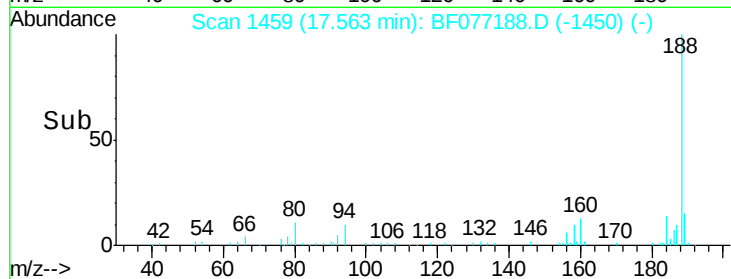
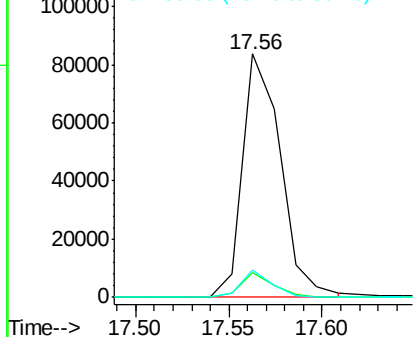
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

Instrument :
BNA_F
ClientSampleId :
DCW-WW-056-2315

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

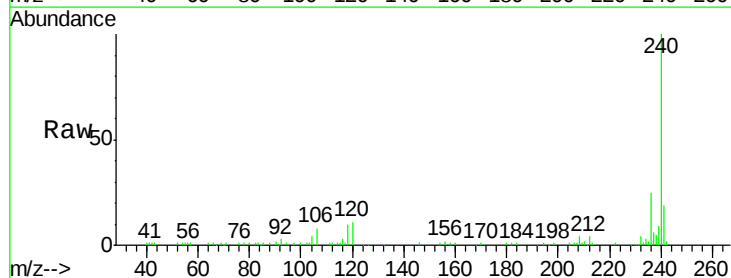


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

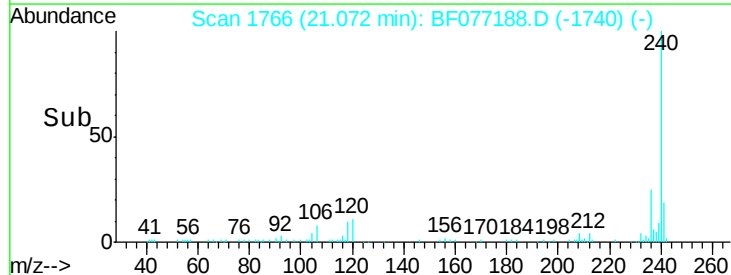
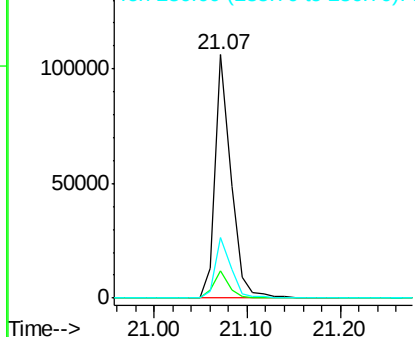


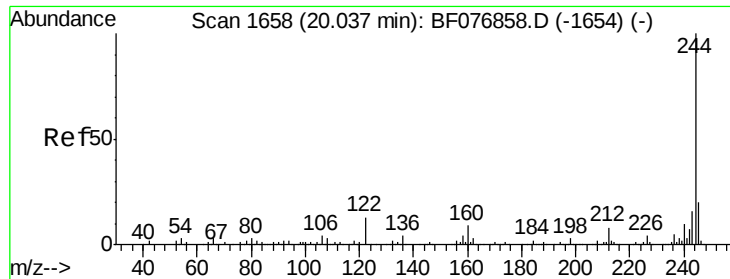
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.07 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF077188.D
Acq: 5 Feb 2015 17:06

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 :

DCW-WW-056-2315

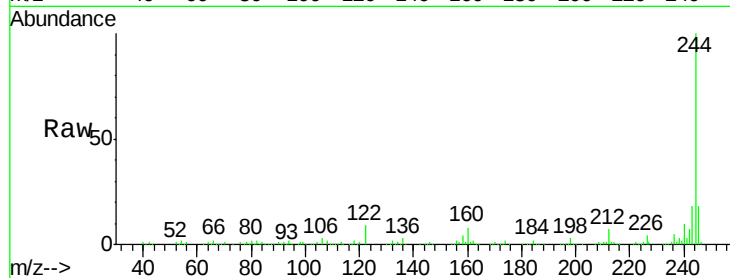
Tgt Ion:244 Resp: 377754

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

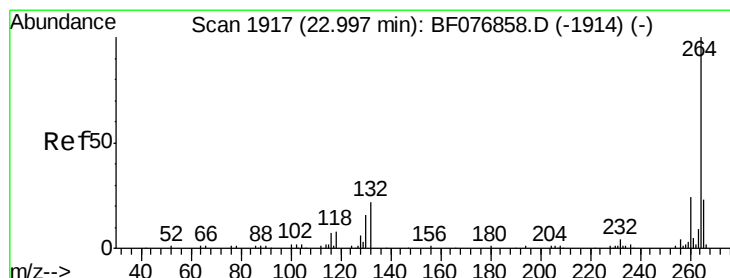
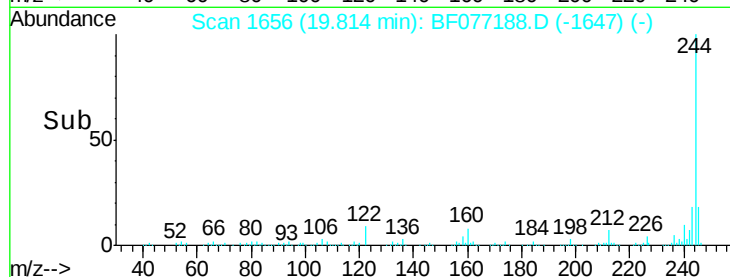
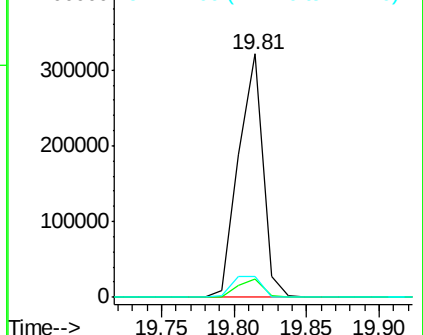
122 8.6 10.1 15.1#



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: 22.72 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BF077188.D

Acq: 5 Feb 2015 17:06

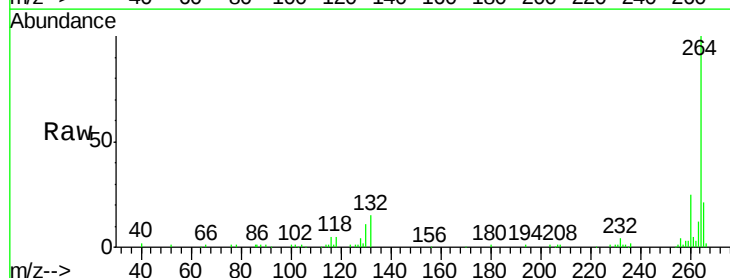
Tgt Ion:264 Resp: 113387

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 20.9 18.1 27.1



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

