

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077143.D
 Acq On : 30 Jan 2015 5:28
 Operator : TP/IZ
 Sample : G1176-04
 Misc : W/DOD
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB01-12615

Quant Time: Jan 30 07:36:36 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 05:04:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29096	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120159	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	65115	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	110855	20.00	ng	0.00
75) Chrysene-d12	21.08	240	115837	20.00	ng	0.00
86) Perylene-d12	22.71	264	107247	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	62933	35.56	ng	0.00
7) Phenol-d6	7.10	99	44894	20.11	ng	0.00
23) Nitrobenzene-d5	8.98	82	155302	71.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.45	330	56442	106.79	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	319102	74.58	ng	0.00
78) Terphenyl-d14	19.81	244	342785	68.13	ng	0.00

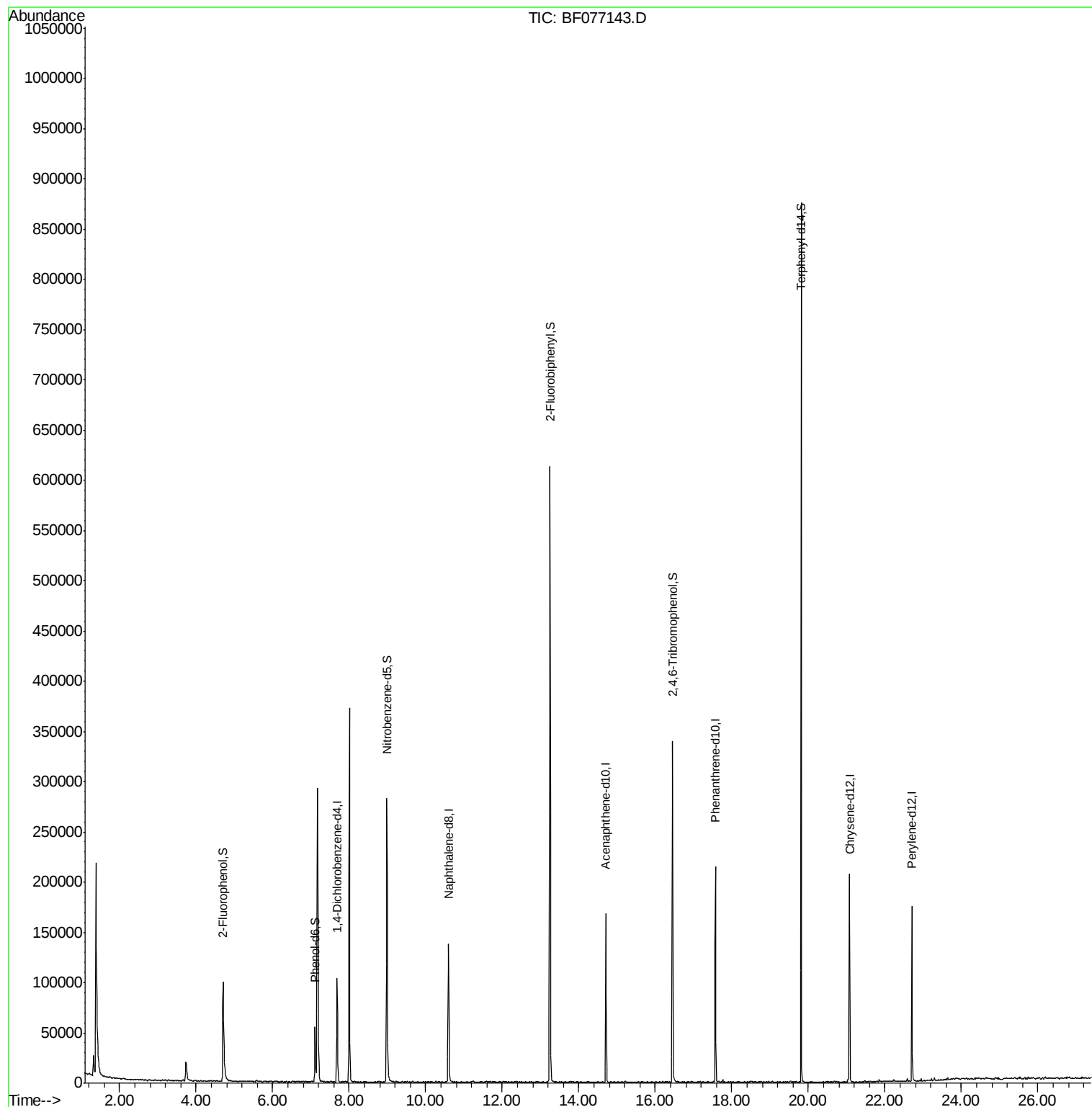
Target Compounds	Qvalue
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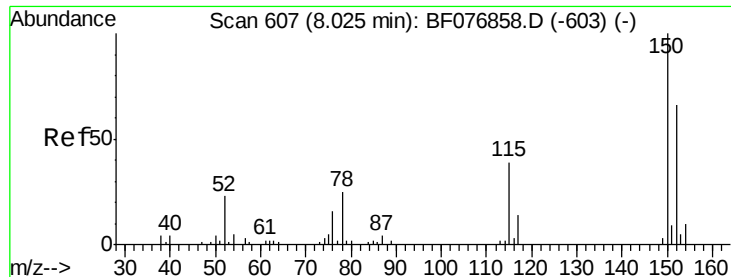
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.68 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

DCW-RB01-12615

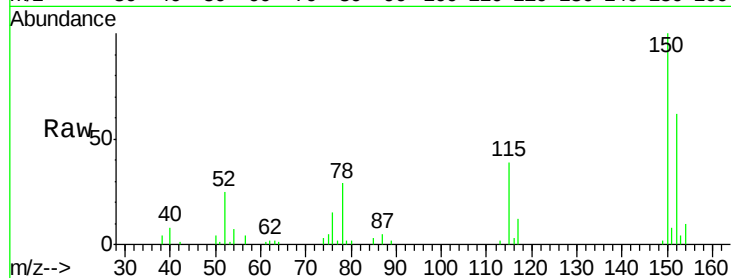
Tgt Ion:152 Resp: 29096

Ion Ratio Lower Upper

152 100

150 160.6 121.7 182.5

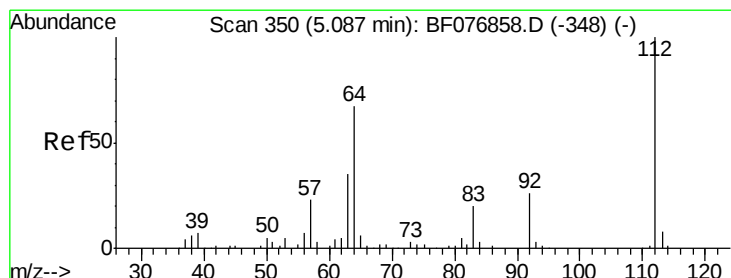
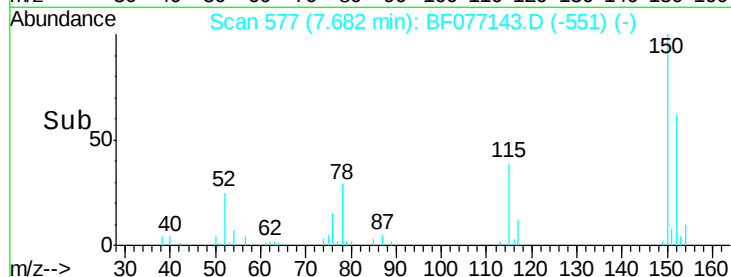
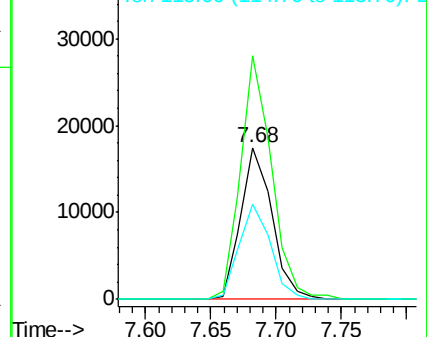
115 63.2 47.0 70.6



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: 35.56 ng

RT: 4.71 min Scan# 317

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

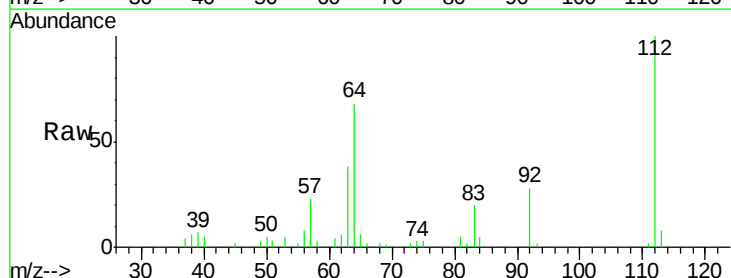
Tgt Ion:112 Resp: 62933

Ion Ratio Lower Upper

112 100

64 68.3 54.2 81.4

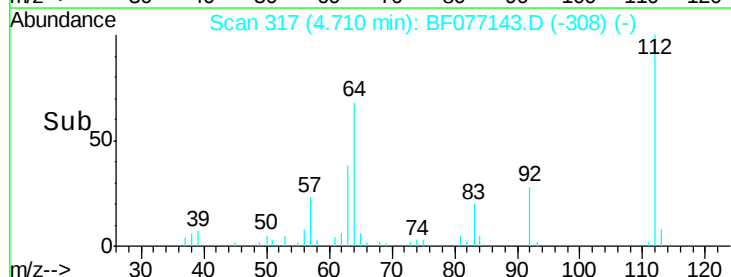
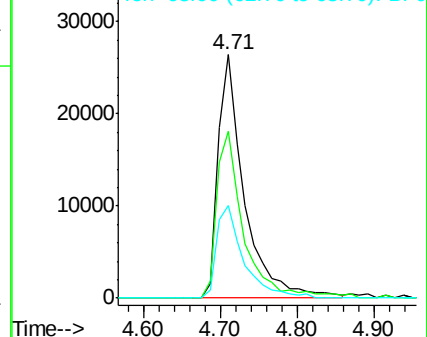
63 38.0 28.4 42.6

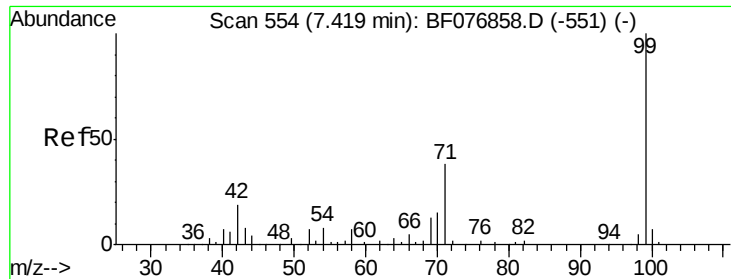


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 20.11 ng

RT: 7.10 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

DCW-RB01-12615

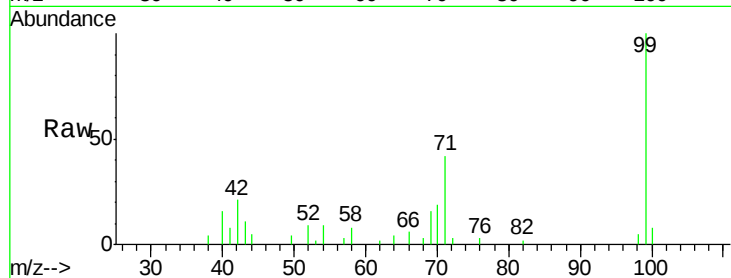
Tgt Ion: 99 Resp: 44894

Ion Ratio Lower Upper

99 100

42 20.8 15.0 22.4

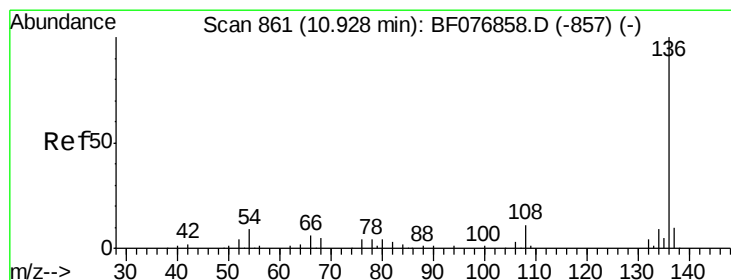
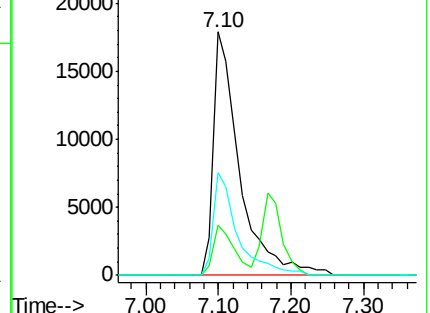
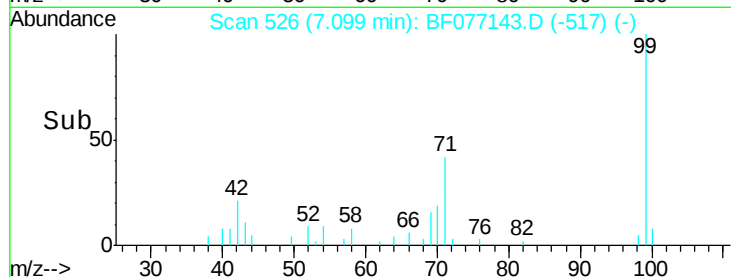
71 42.0 30.5 45.7



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: BF077143.D

Acq: 30 Jan 2015 5:28

Tgt Ion: 136 Resp: 120159

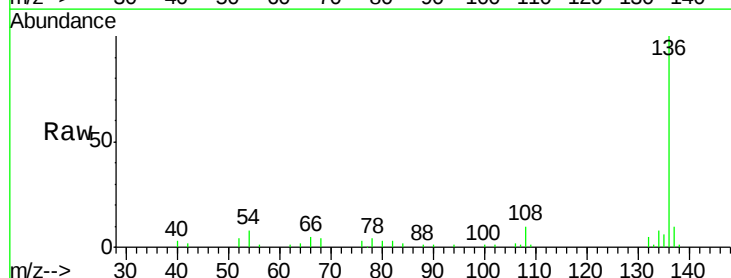
Ion Ratio Lower Upper

136 100

137 10.4 8.1 12.1

54 7.6 7.0 10.4

68 4.3 3.7 5.5

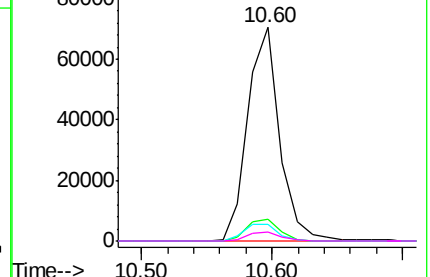
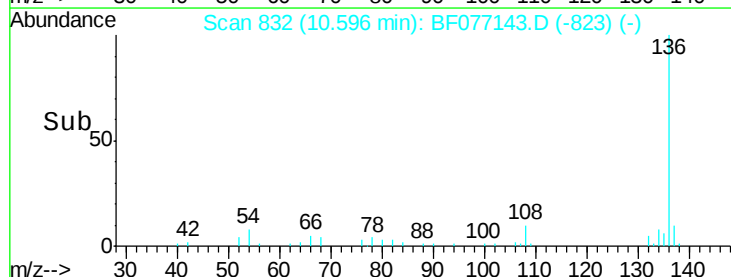


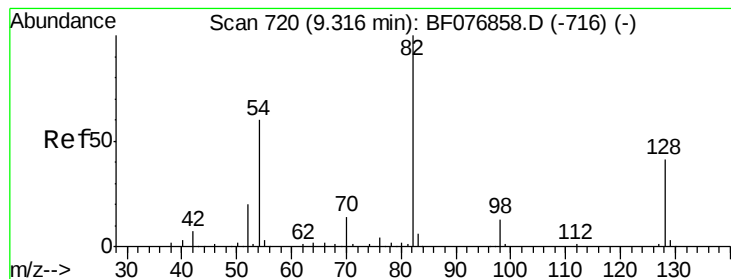
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.60 ng

RT: 8.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

DCW-RB01-12615

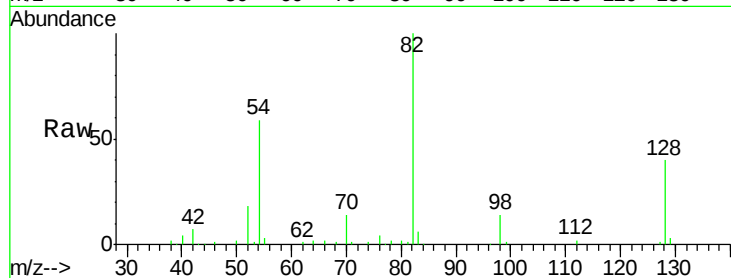
Tgt Ion: 82 Resp: 155302

Ion Ratio Lower Upper

82 100

128 39.6 33.1 49.7

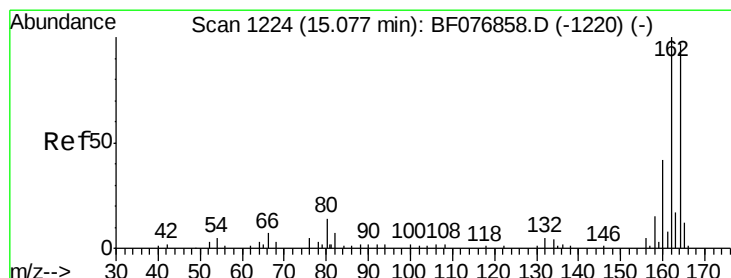
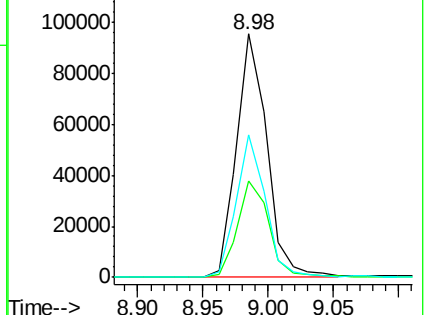
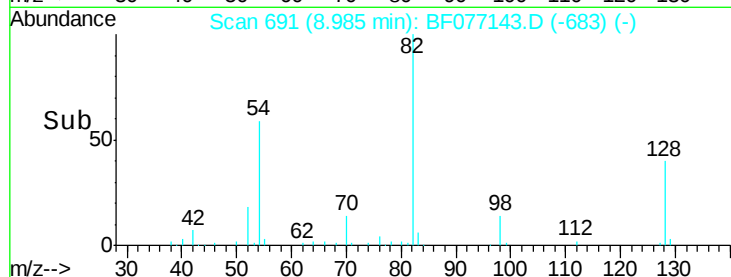
54 58.5 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076858.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-716) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.71 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

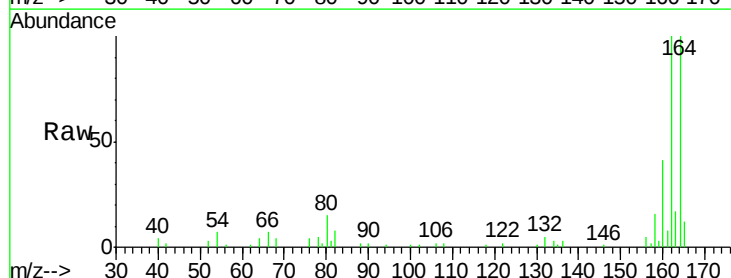
Tgt Ion: 164 Resp: 65115

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

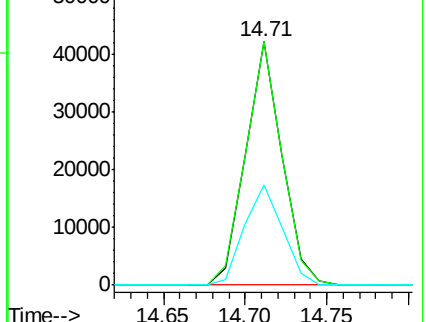
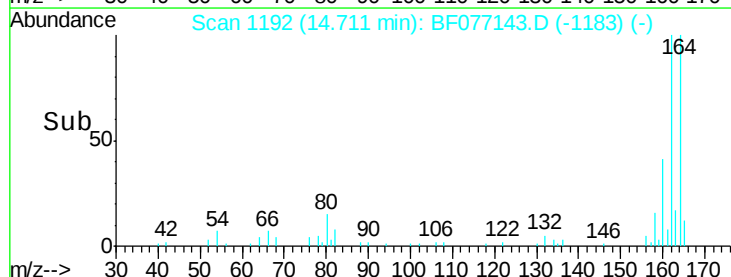
160 41.0 34.8 52.2

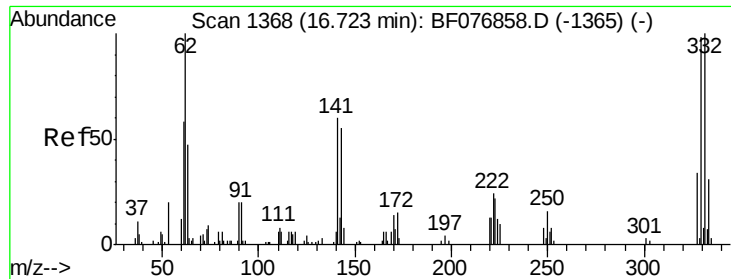


Abundance Ion 164.00 (163.70 to 164.70): BF076858.D (-1220) (-)

Ion 162.00 (161.70 to 162.70): BF076858.D (-1220) (-)

Ion 160.00 (159.70 to 160.70): BF076858.D (-1220) (-)

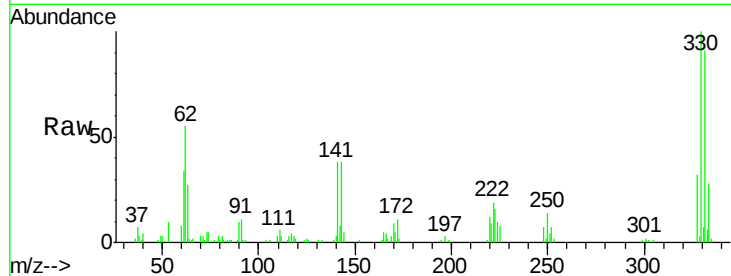




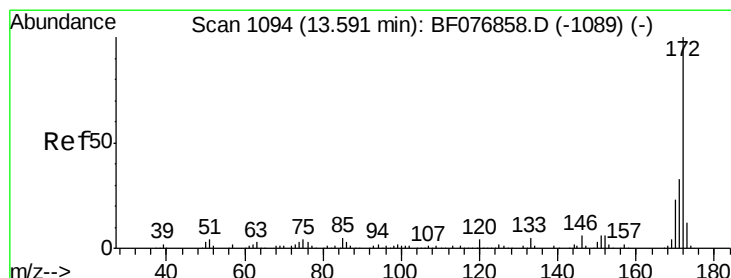
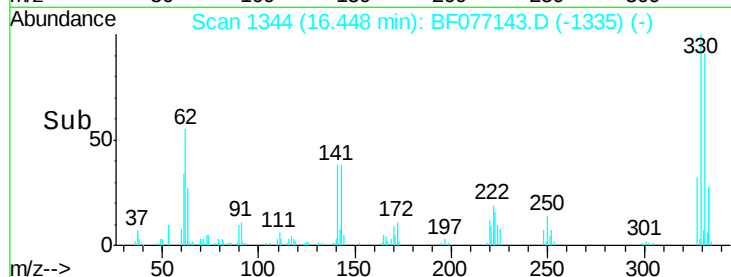
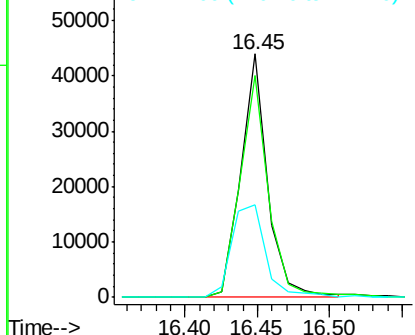
#41
 2,4,6-Tribromophenol
 Concen: 106.79 ng
 RT: 16.45 min Scan# 1344
 Delta R.T. 0.00 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

Instrument :
 BNA_F
 ClientSampleId :
 DCW-RB01-12615

Tgt Ion:330 Resp: 56442
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.8 116.6
 141 48.1 38.5 57.7

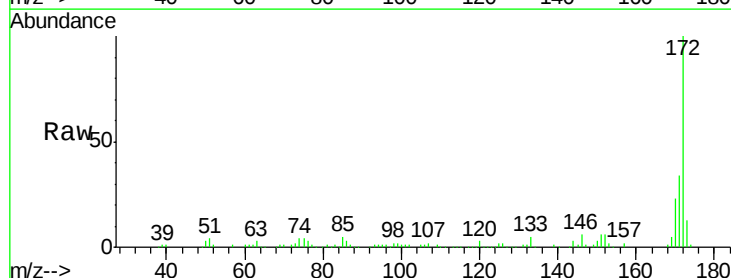


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

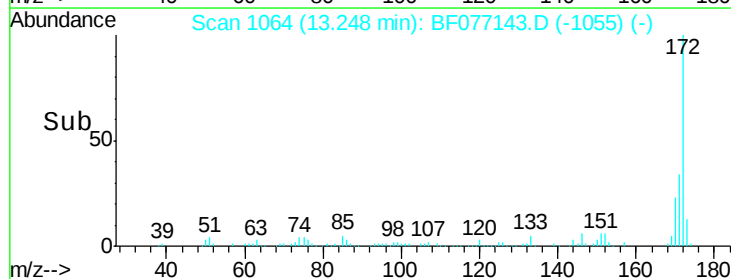
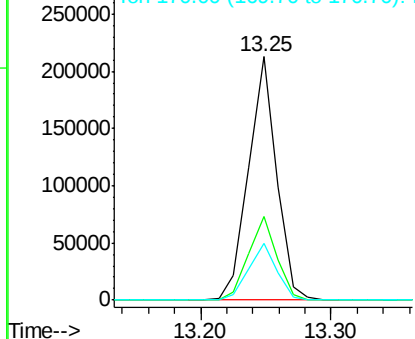


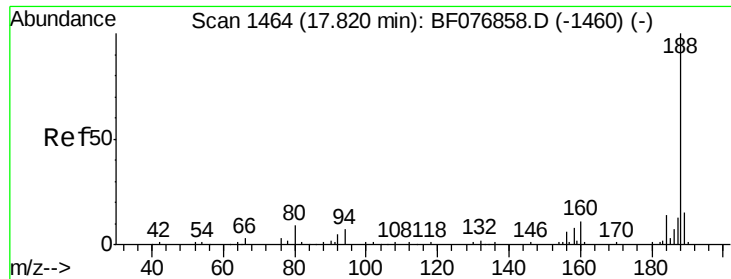
#44
 2-Fluorobiphenyl
 Concen: 74.58 ng
 RT: 13.25 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BF077143.D
 Acq: 30 Jan 2015 5:28

Tgt Ion:172 Resp: 319102
 Ion Ratio Lower Upper
 172 100
 171 34.5 26.6 40.0
 170 23.1 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

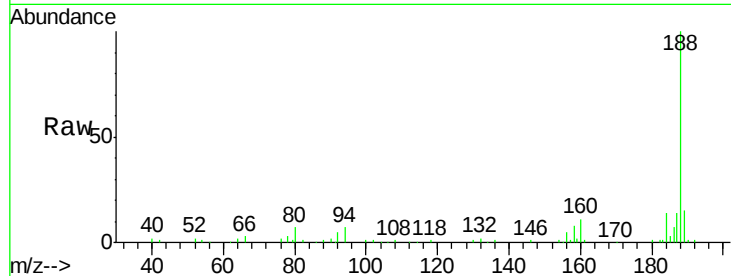




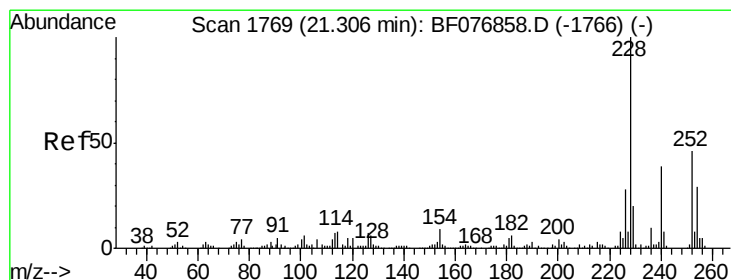
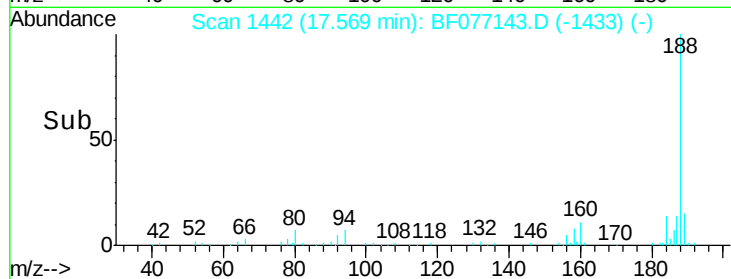
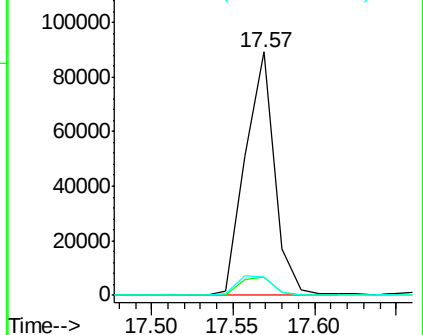
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF077143.D
Acq: 30 Jan 2015 5:28

Instrument :
BNA_F
ClientSampleId :
DCW-RB01-12615

Tgt Ion:188 Resp: 110855
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 7.4 6.9 10.3

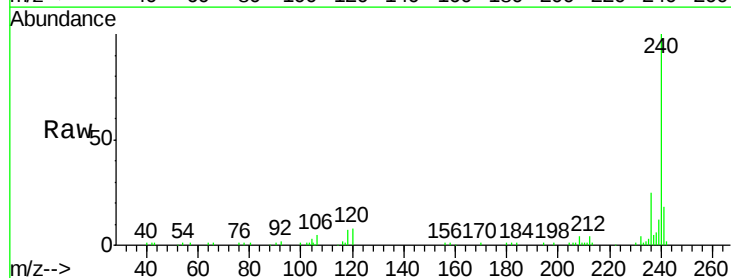


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

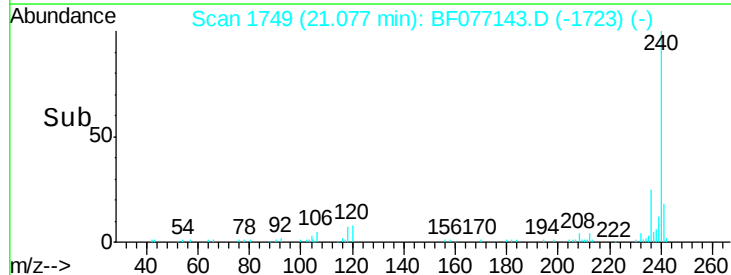
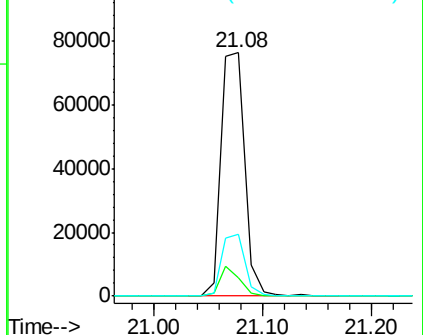


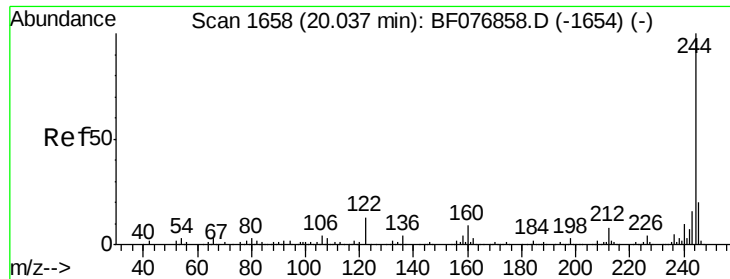
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.08 min Scan# 1749
Delta R.T. 0.00 min
Lab File: BF077143.D
Acq: 30 Jan 2015 5:28

Tgt Ion:240 Resp: 115837
Ion Ratio Lower Upper
240 100
120 7.6 10.4 15.6#
236 25.2 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: 68.13 ng

RT: 19.81 min Scan# 1638

Delta R.T. 0.00 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

Instrument :

BNA_F

ClientSampleId :

DCW-RB01-12615

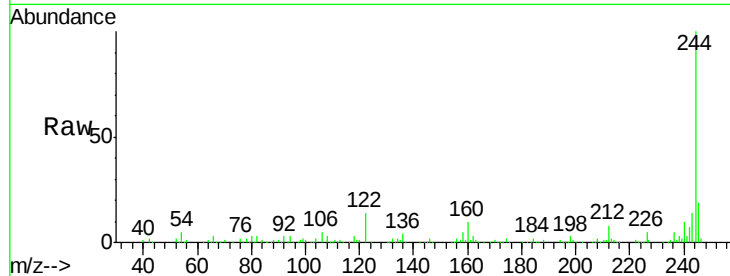
Tgt Ion:244 Resp: 342785

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

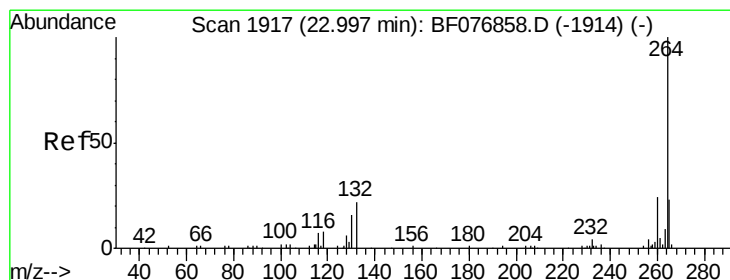
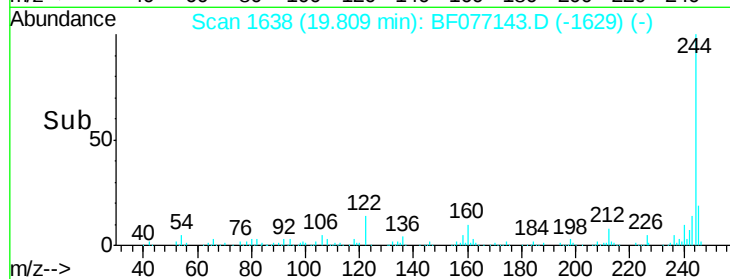
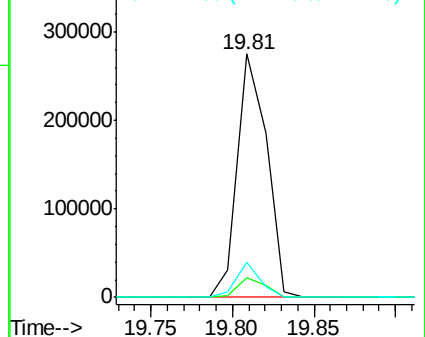
122 14.5 10.1 15.1



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: 22.71 min Scan# 1892

Delta R.T. 0.01 min

Lab File: BF077143.D

Acq: 30 Jan 2015 5:28

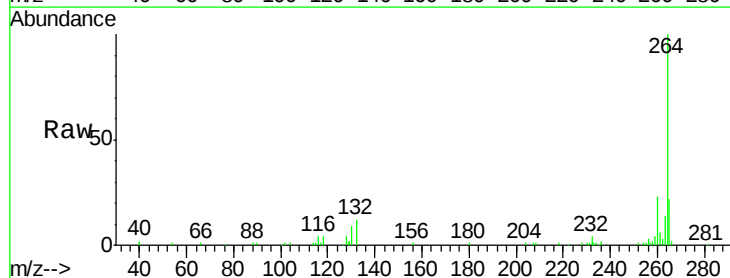
Tgt Ion:264 Resp: 107247

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.4

265 21.6 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

