

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076866.D
 Acq On : 14 Jan 2015 18:52
 Operator : IZ / TP
 Sample : G1072-01
 Misc : W DOD
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DCW-WW-046-11215

Quant Time: Jan 15 00:11:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 14 23:27:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	30922	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	122863	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	66287	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	111749	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	111995	20.00	ng	0.00
86) Perylene-d12	22.96	264	104250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	100618	53.50	ng	0.01
7) Phenol-d6	7.42	99	72645	30.62	ng	0.00
23) Nitrobenzene-d5	9.32	82	210585	94.96	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	79886	148.47	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	438971	100.78	ng	0.00
78) Terphenyl-d14	20.04	244	439589	90.36	ng	0.00

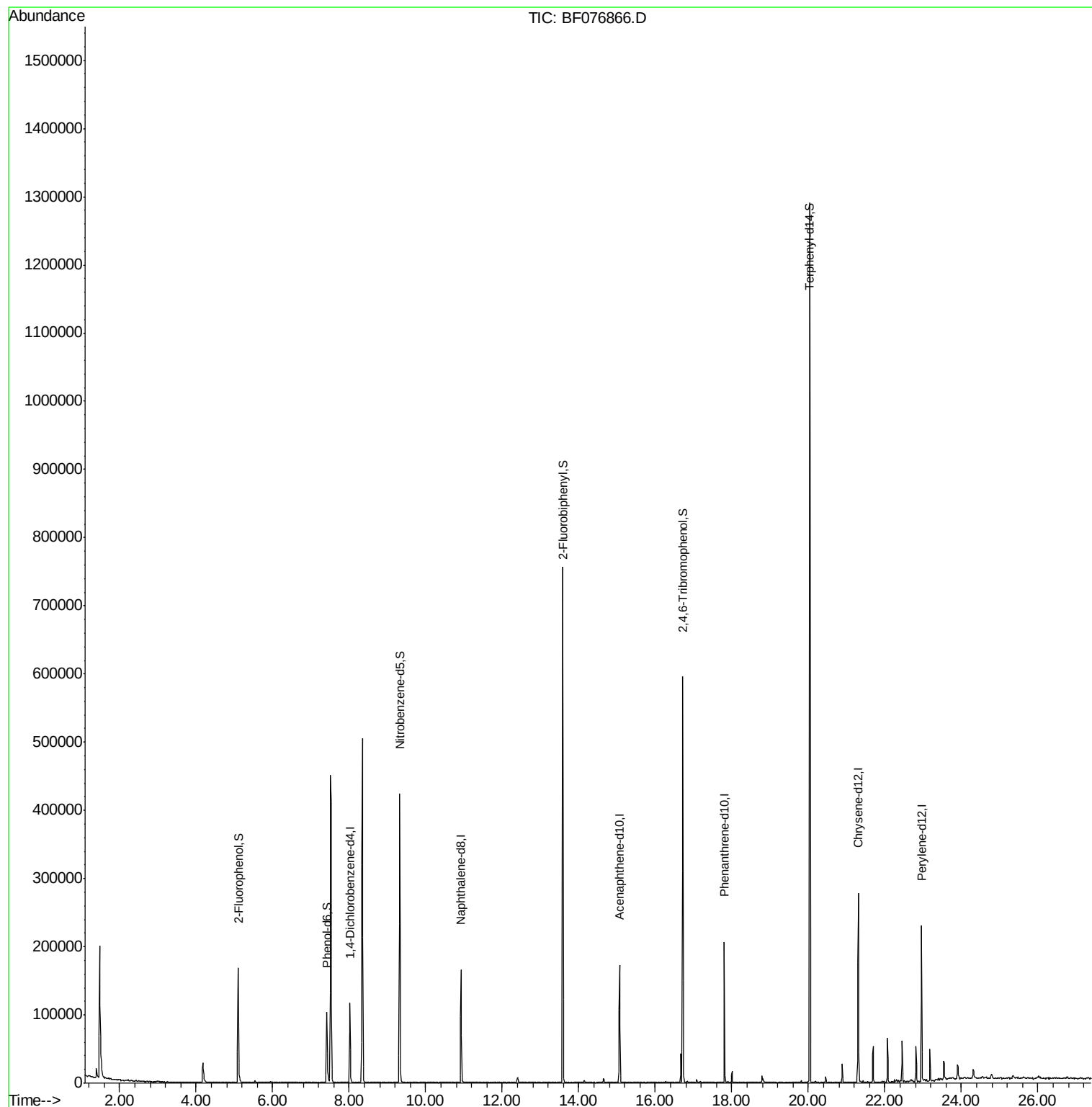
Target Compounds Qvalue

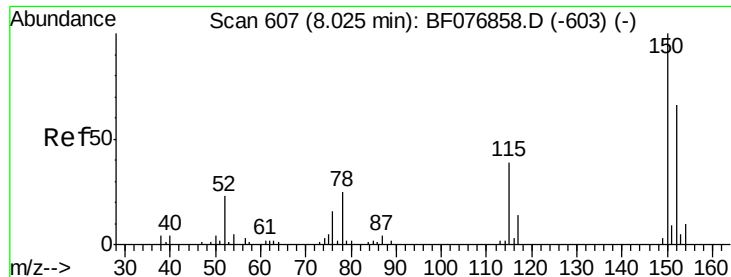
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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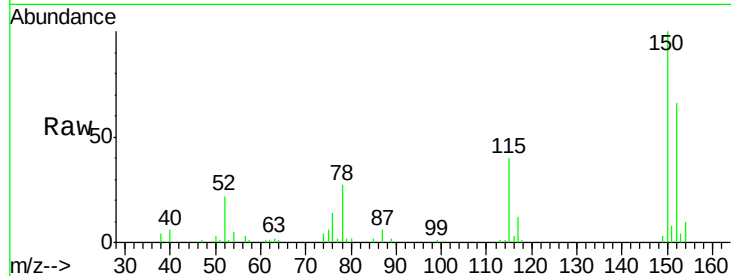


#1

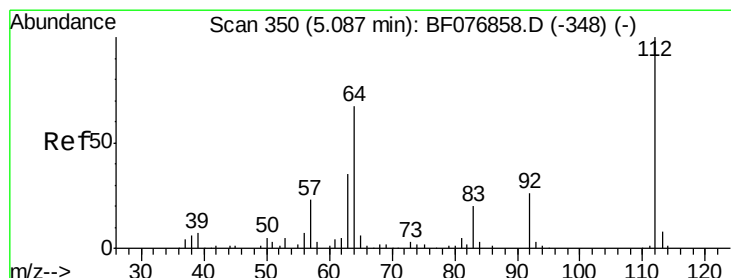
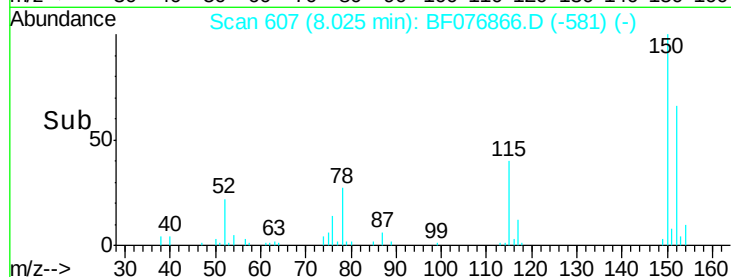
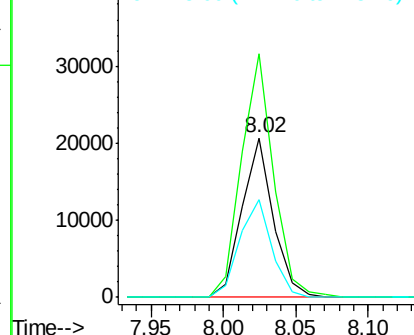
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Instrument :
BNA_F
ClientSampleId :
DCW-WW-046-11215

Tot Ion:152 Resp: 30922
Ion Ratio Lower Upper
152 100
150 152.6 121.7 182.5
115 60.9 47.0 70.6



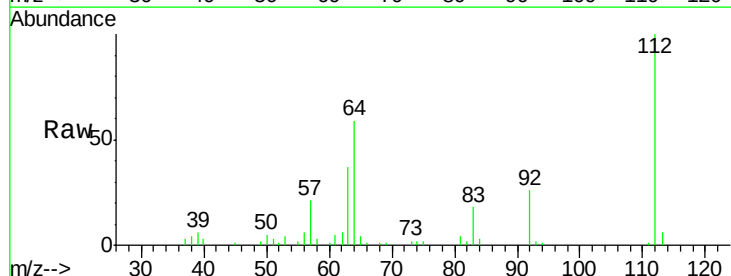
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



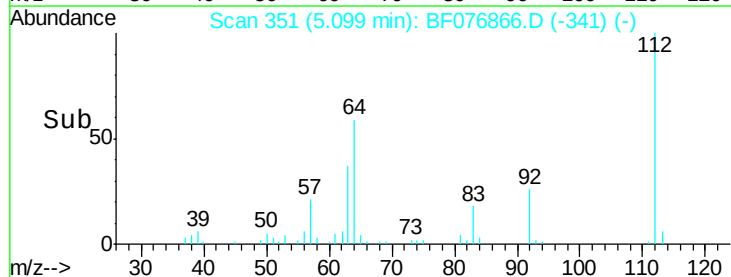
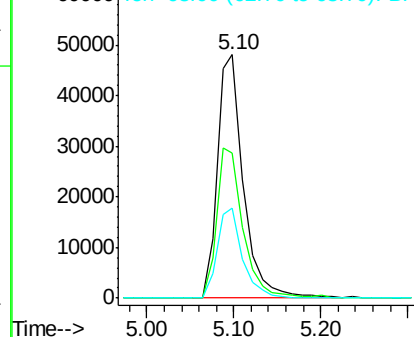
#5

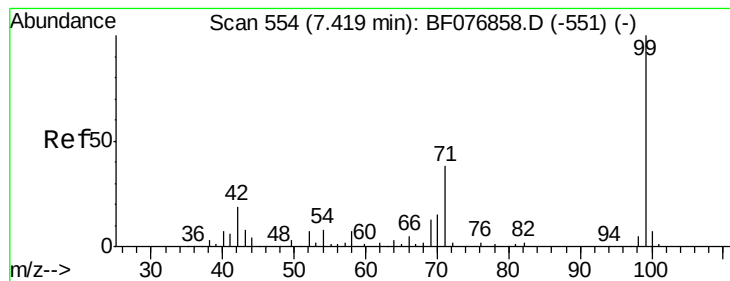
2-Fluorophenol
Concen: 53.50 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Tgt Ion:112 Resp: 100618
Ion Ratio Lower Upper
112 100
64 59.5 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: 30.62 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

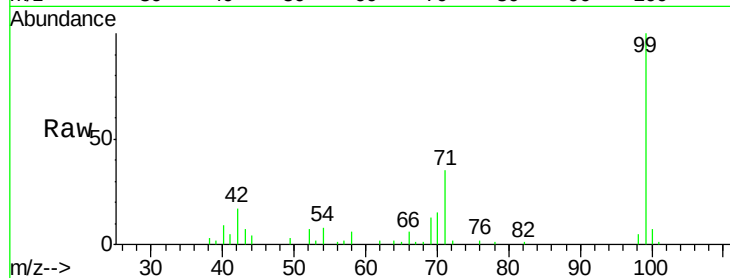
Tot Ion: 99 Resp: 72645

Ion Ratio Lower Upper

99 100

42 17.2 15.0 22.4

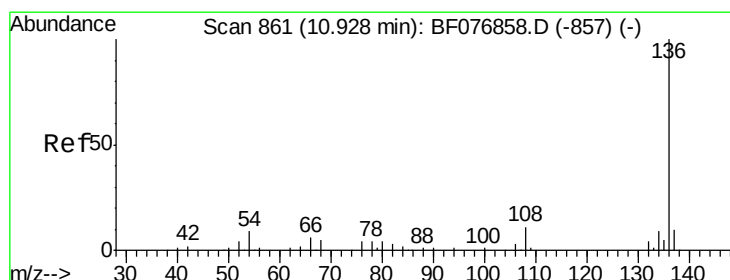
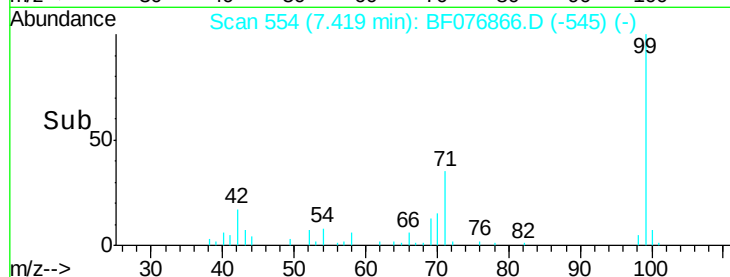
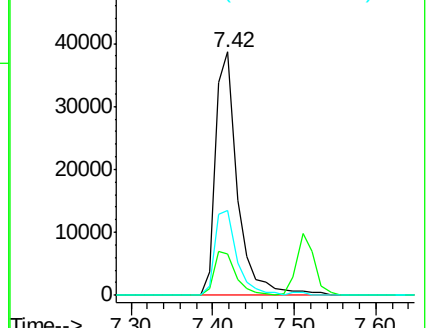
71 34.6 30.5 45.7



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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Tgt Ion: 136 Resp: 122863

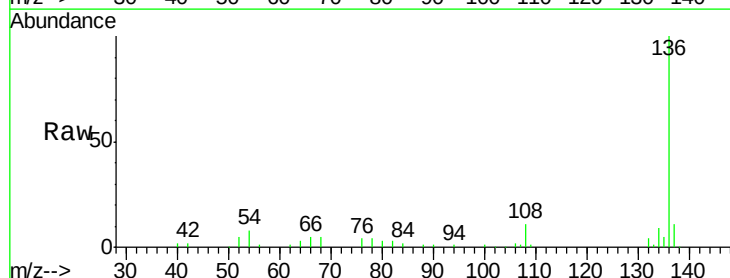
Ion Ratio Lower Upper

136 100

137 11.4 8.1 12.1

54 8.0 7.0 10.4

68 4.7 3.7 5.5

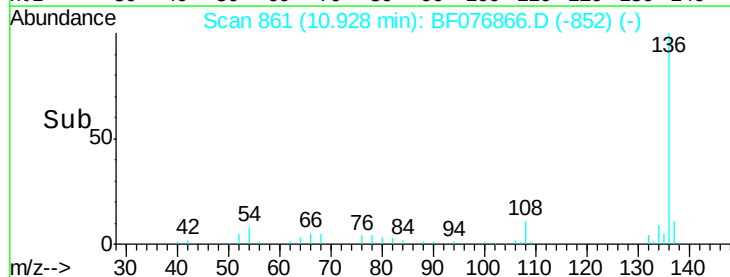
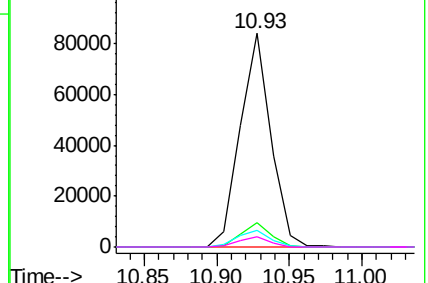


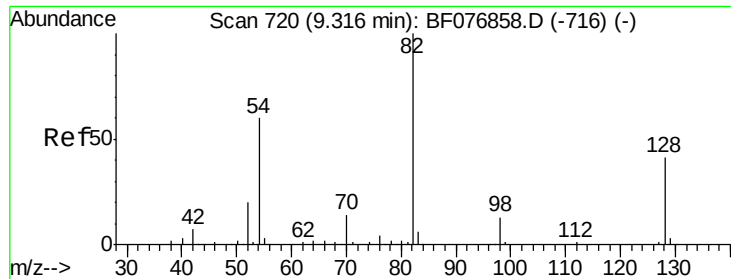
Abundance Ion 136.00 (135.70 to 136.70): E

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

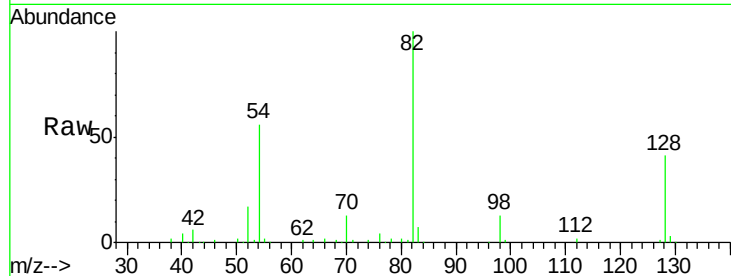




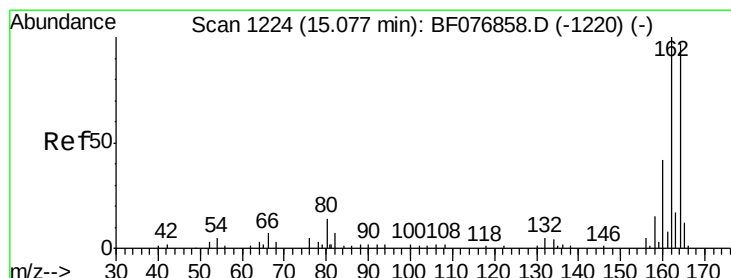
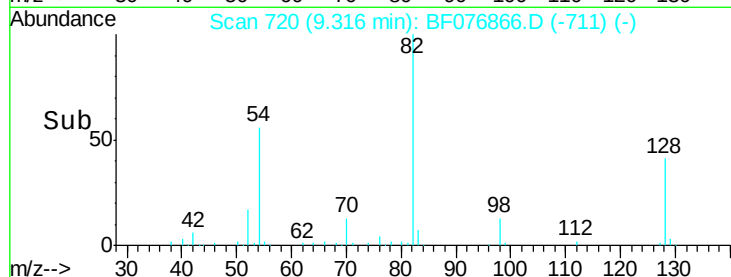
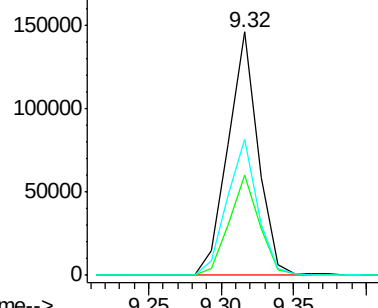
#23
Nitrobenzene-d5
Concen: 94.96 ng
RT: 9.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Instrument :
BNA_F
ClientSampleId :
DCW-WW-046-11215

Tot Ion	82	Resp	210585
Ion Ratio	100	Lower	Upper
128	40.9	33.1	49.7
54	55.9	48.3	72.5

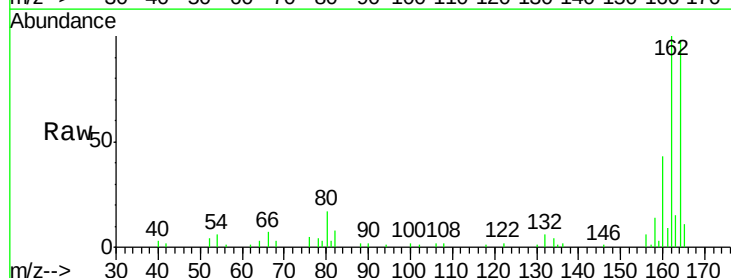


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

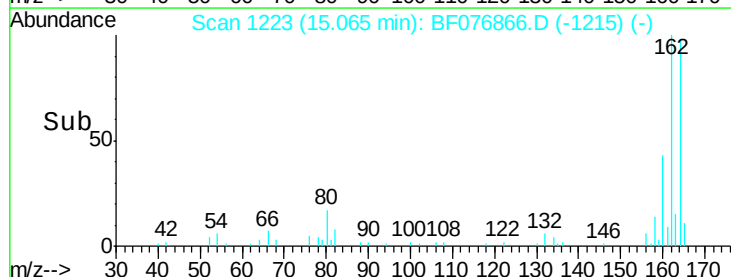
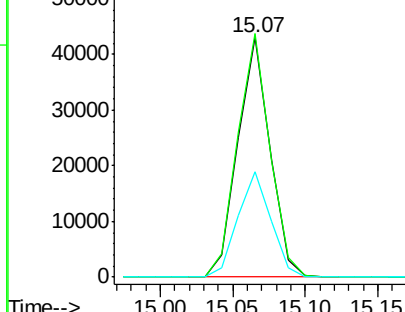


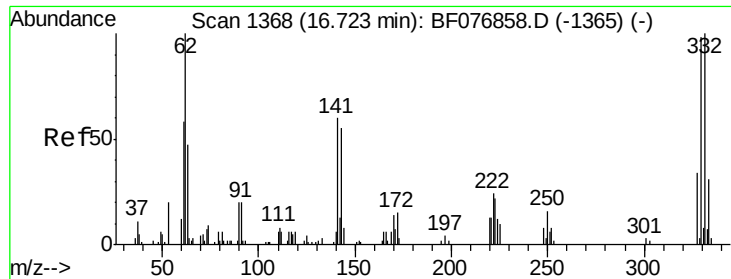
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.07 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Tgt Ion	164	Resp	66287
Ion Ratio	100	Lower	Upper
162	101.8	82.4	123.6
160	44.0	34.8	52.2



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





#41

2,4,6-Tribromophenol

Concen: 148.47 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

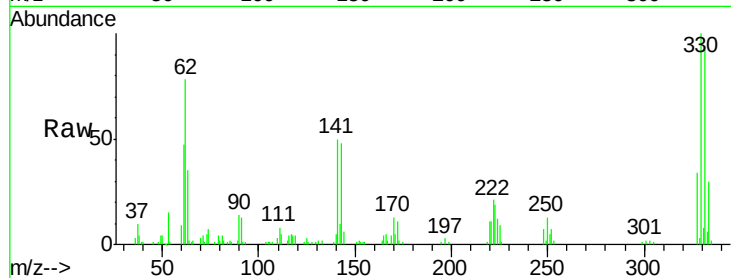
Tot Ion:330 Resp: 79886

Ion Ratio Lower Upper

330 100

332 94.0 77.8 116.6

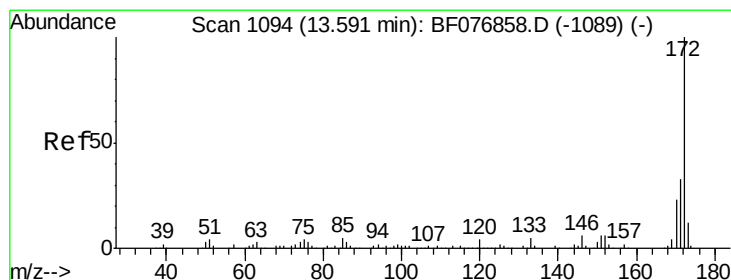
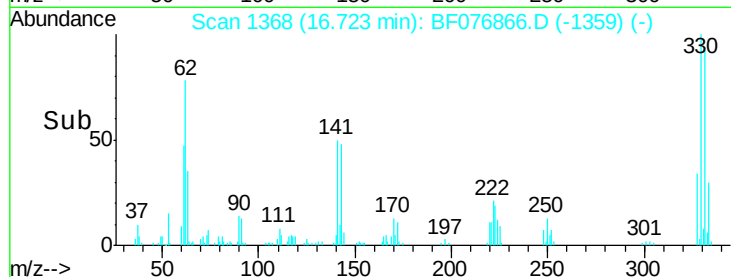
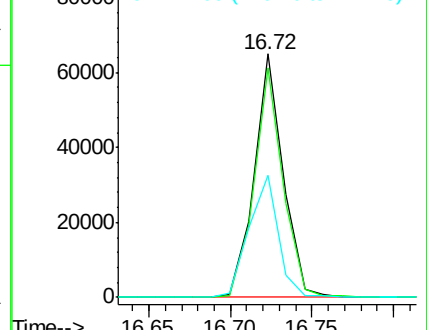
141 50.8 38.5 57.7



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: 100.78 ng

RT: 13.59 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

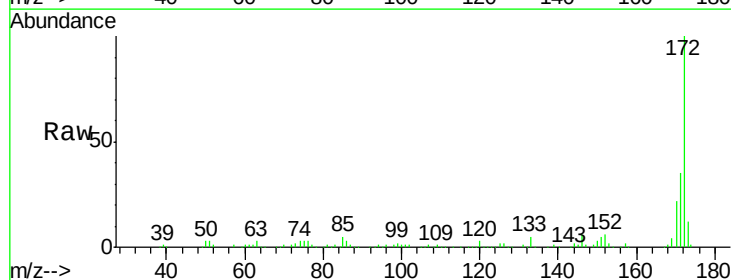
Tgt Ion:172 Resp: 438971

Ion Ratio Lower Upper

172 100

171 35.1 26.6 40.0

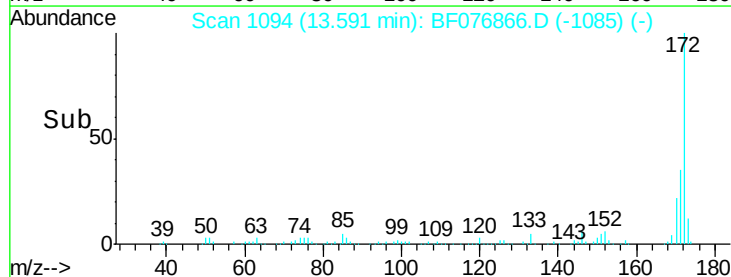
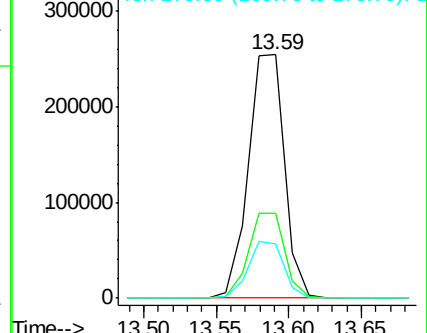
170 22.4 18.0 27.0

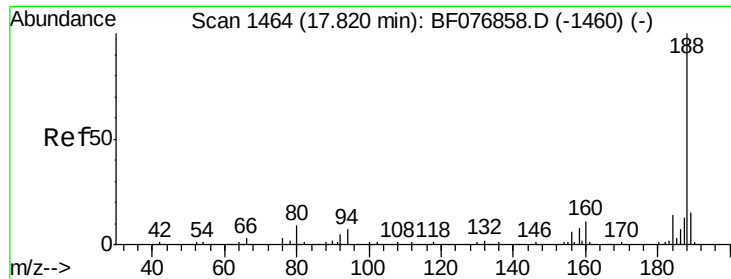


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

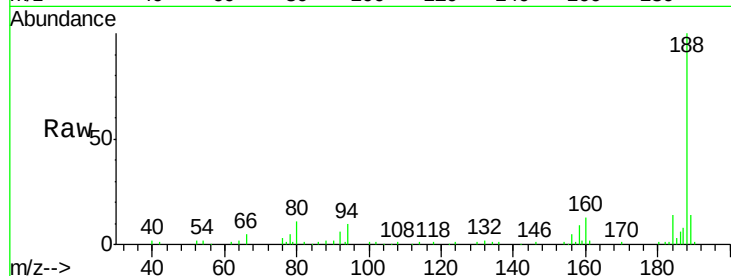




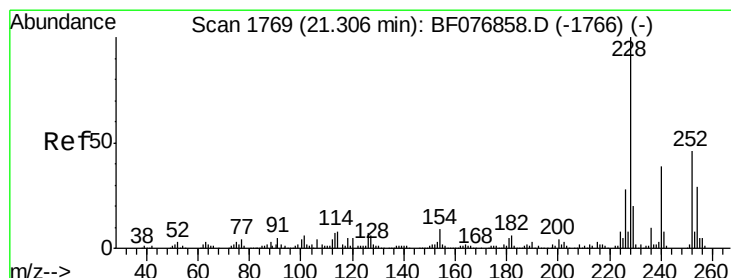
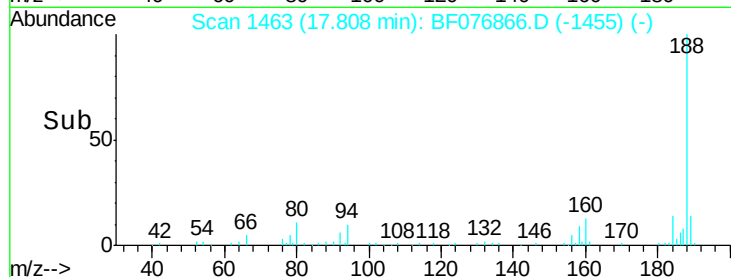
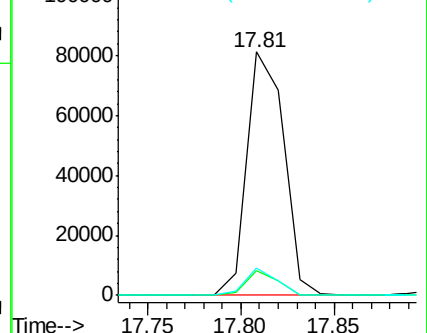
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Instrument :
BNA_F
ClientSampleId :
DCW-WW-046-11215

Tot Ion:188 Resp: 111749
Ion Ratio Lower Upper
188 100
94 10.2 6.0 9.0#
80 11.0 6.9 10.3#

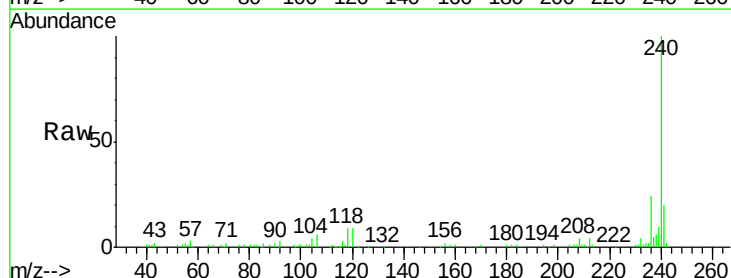


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

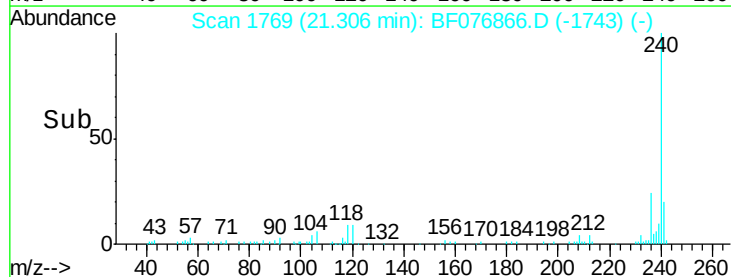
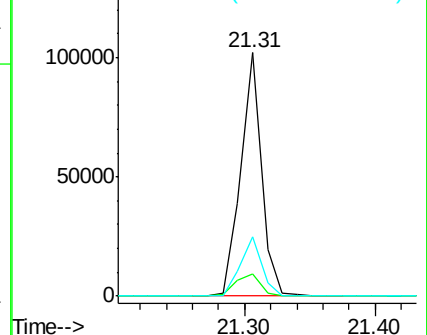


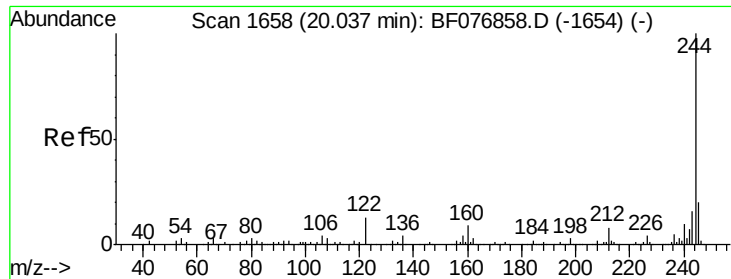
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076866.D
Acq: 14 Jan 2015 18:52

Tgt Ion:240 Resp: 111995
Ion Ratio Lower Upper
240 100
120 9.3 10.4 15.6#
236 24.4 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: 90.36 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

Instrument :

BNA_F

ClientSampleId :

DCW-WW-046-11215

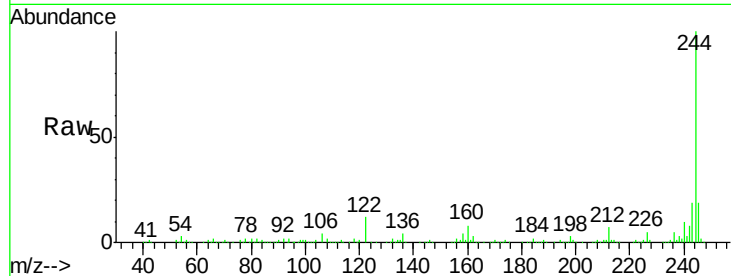
Tot Ion:244 Resp: 439589

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

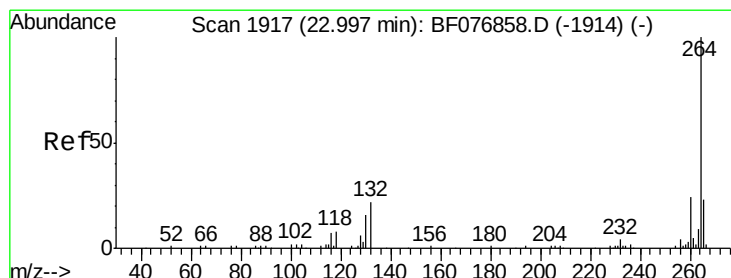
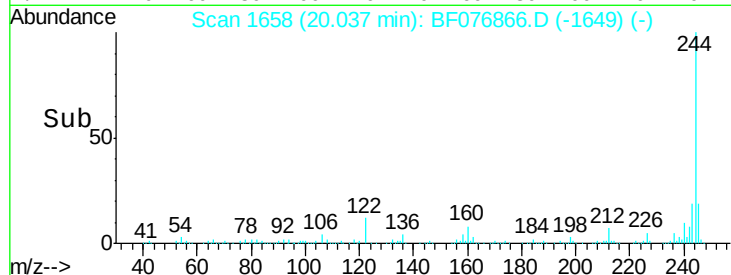
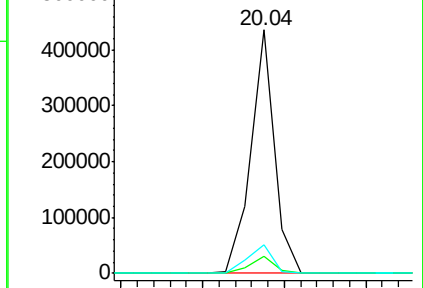
122 11.7 10.1 15.1



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: 22.96 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BF076866.D

Acq: 14 Jan 2015 18:52

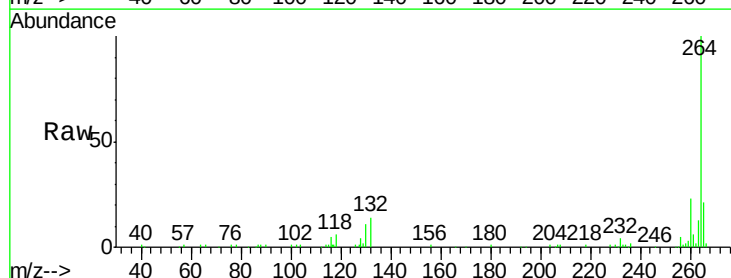
Tgt Ion:264 Resp: 104250

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 21.2 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

