

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076957.D
 Acq On : 20 Jan 2015 9:10
 Operator : IZ / TP
 Sample : G1101-17
 Misc : W
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-9S

Quant Time: Jan 20 10:49:39 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	34181	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	145212	20.00	ng	-0.05
38) Acenaphthene-d10	15.01	164	80533	20.00	ng	-0.07
63) Phenanthrene-d10	17.77	188	131954	20.00	ng	-0.05
75) Chrysene-d12	21.27	240	134233	20.00	ng	-0.03
86) Perylene-d12	22.94	264	123805	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	127929	61.54	ng	-0.05
7) Phenol-d6	7.37	99	100678	38.39	ng	-0.05
23) Nitrobenzene-d5	9.27	82	234381	89.42	ng	-0.05
41) 2,4,6-Tribromophenol	16.69	330	91207m	139.52	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	475479	89.85	ng	-0.06
78) Terphenyl-d14	20.01	244	483879	82.99	ng	-0.02

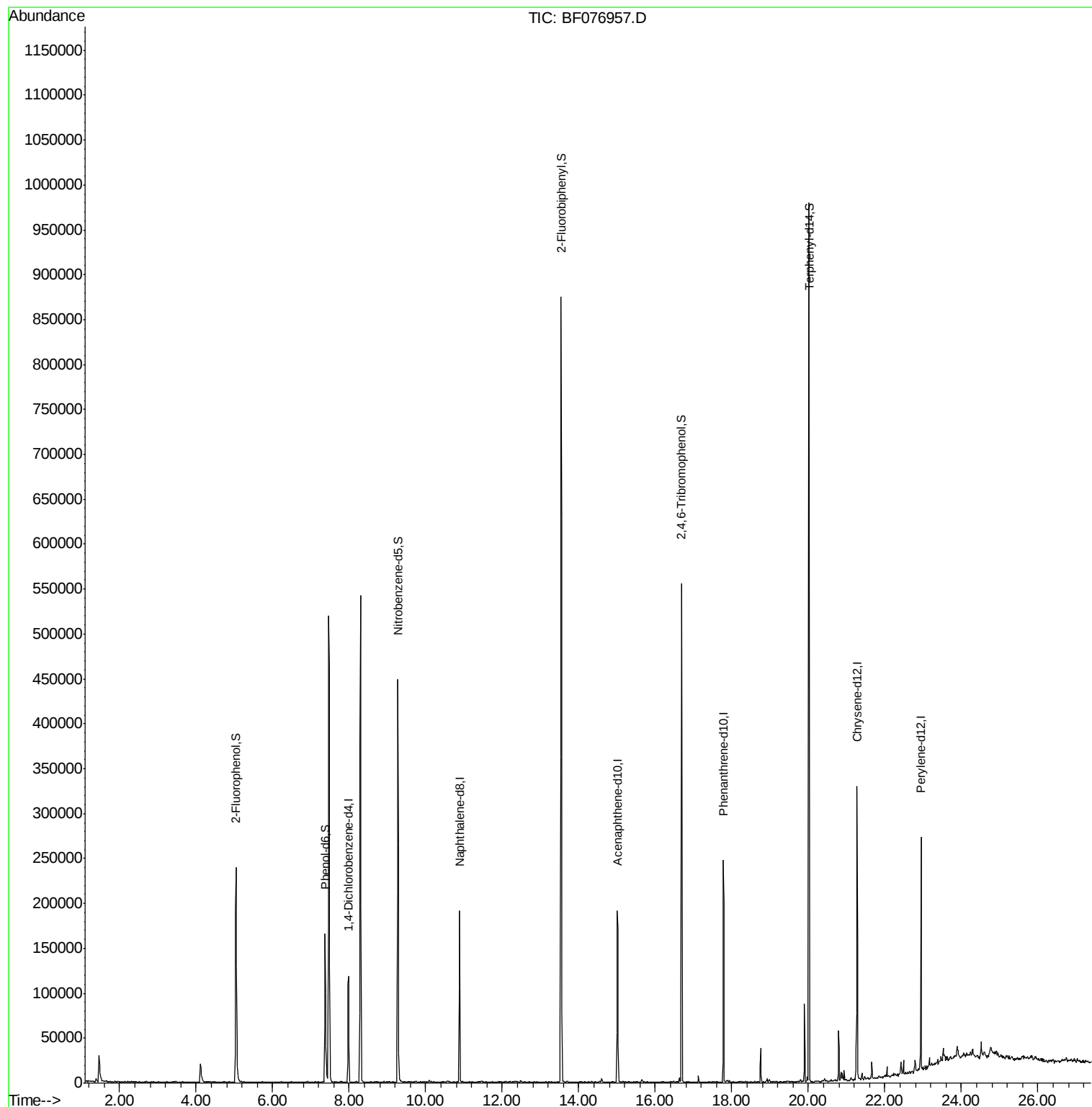
Target Compounds Qvalue

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

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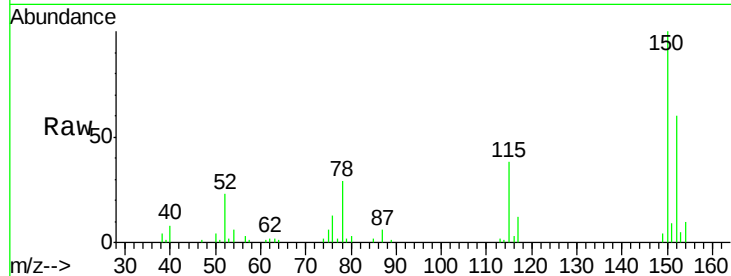


#1

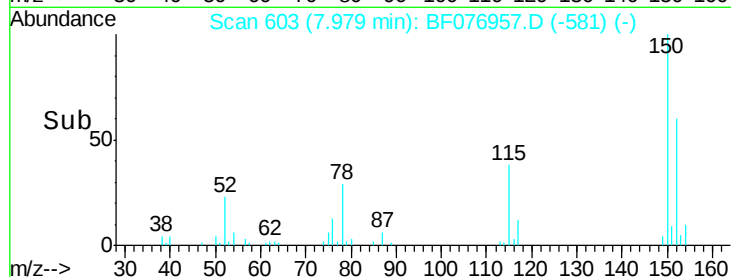
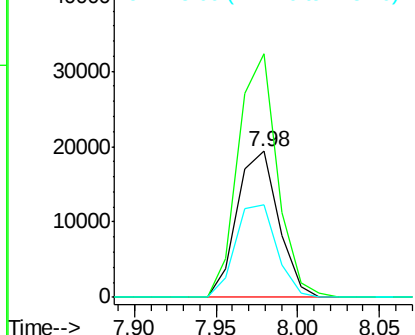
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.05 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion:152 Resp: 34181
Ion Ratio Lower Upper
152 100
150 166.8 121.7 182.5
115 63.3 47.0 70.6



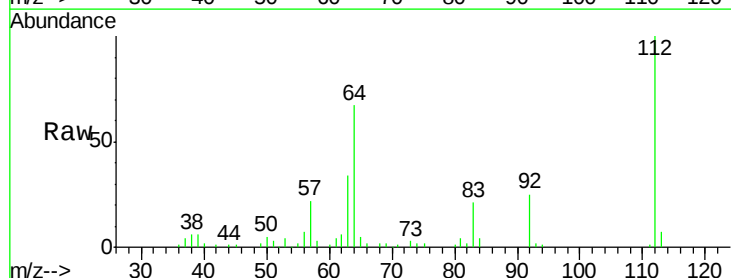
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



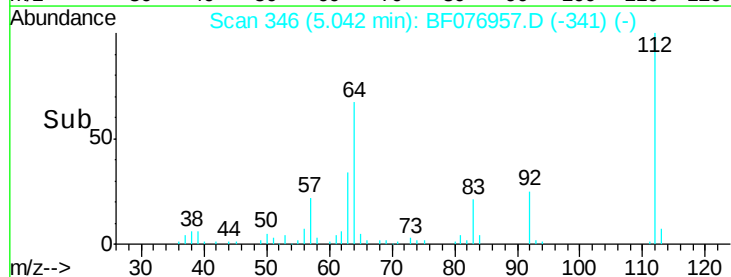
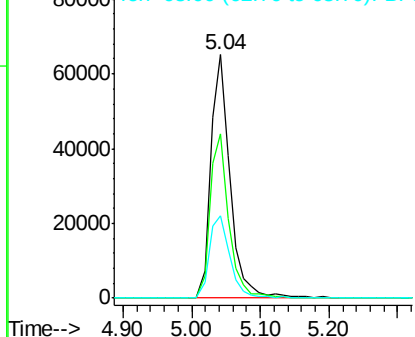
#5

2-Fluorophenol
Concen: 61.54 ng
RT: 5.04 min Scan# 346
Delta R.T. -0.05 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

Tgt Ion:112 Resp: 127929
Ion Ratio Lower Upper
112 100
64 67.5 54.2 81.4
63 33.6 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: 38.39 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

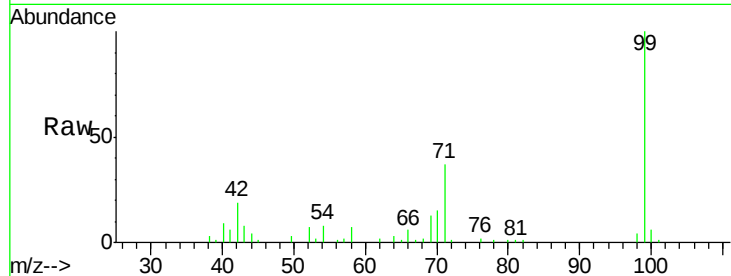
Tot Ion: 99 Resp: 100678

Ion Ratio Lower Upper

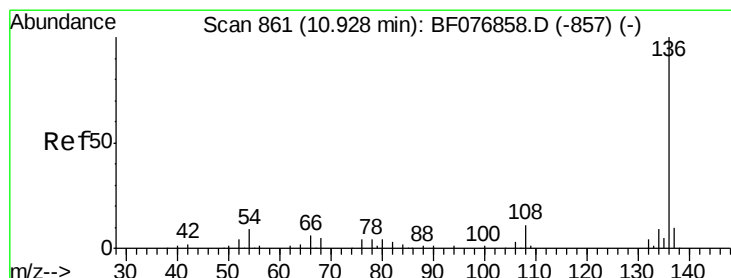
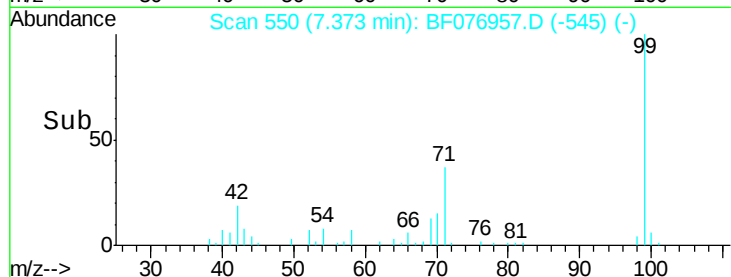
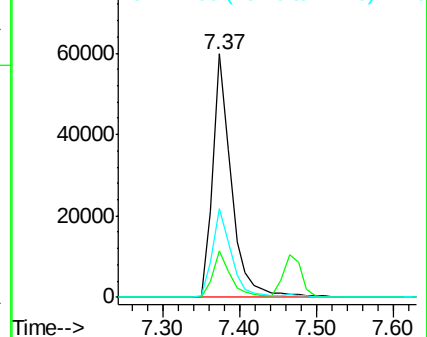
99 100

42 19.4 15.0 22.4

71 36.7 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: 10.88 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

Tgt Ion: 136 Resp: 145212

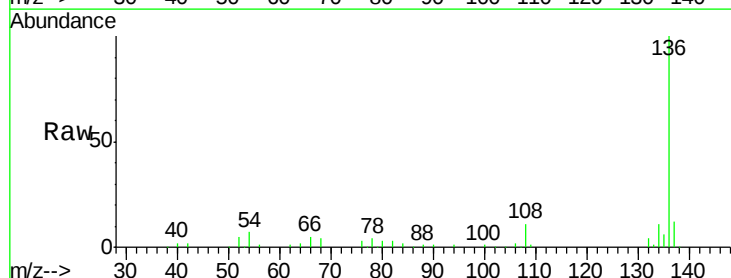
Ion Ratio Lower Upper

136 100

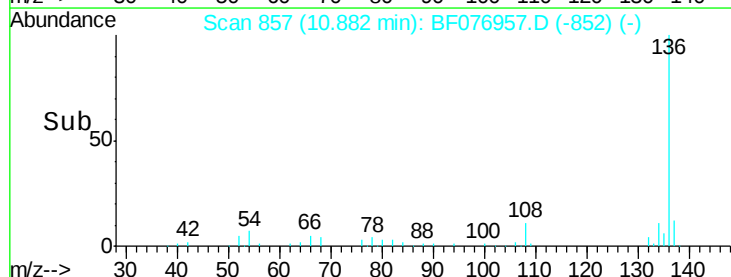
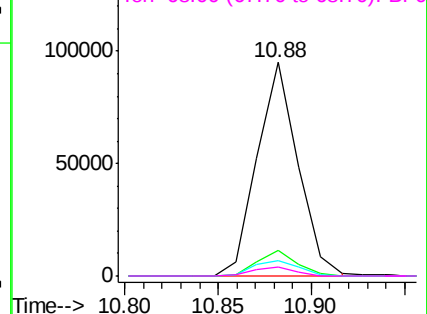
137 11.8 8.1 12.1

54 7.4 7.0 10.4

68 4.1 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

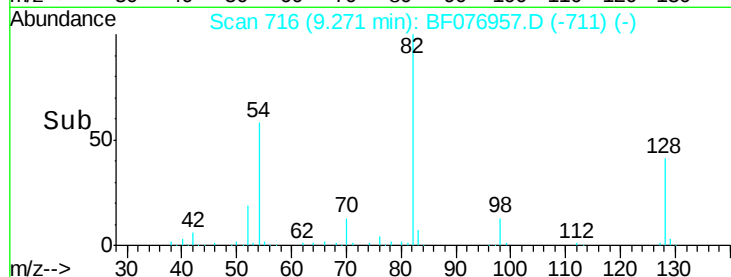
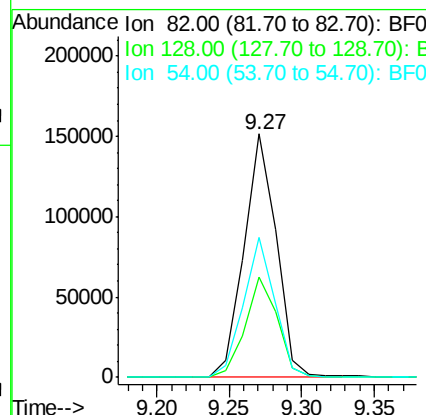
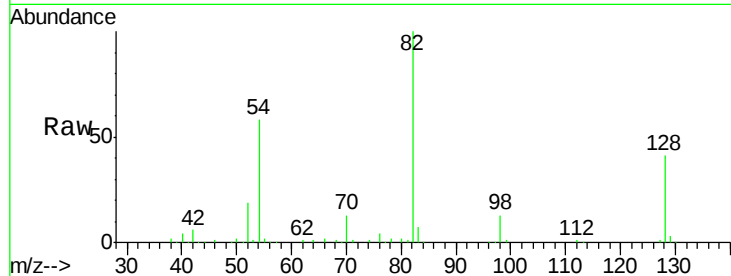




#23
Nitrobenzene-d5
Concen: 89.42 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.05 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

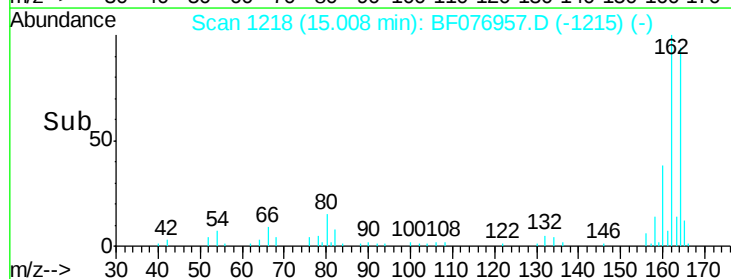
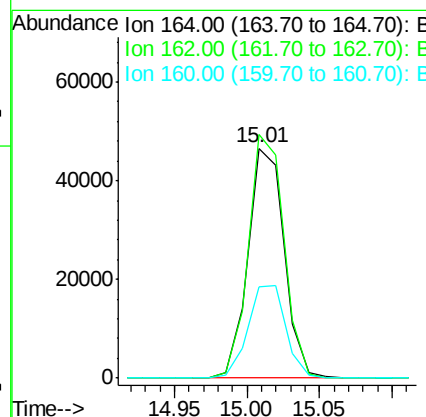
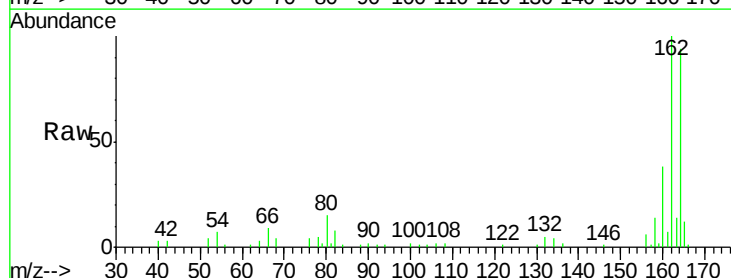
Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion	82	Resp	234381
Ion Ratio	100	Lower	Upper
128	41.2	33.1	49.7
54	57.5	48.3	72.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. -0.07 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

Tgt Ion	164	Resp	80533
Ion Ratio	100	Lower	Upper
162	106.0	82.4	123.6
160	40.0	34.8	52.2





#41

2,4,6-Tribromophenol

Concen: 139.52 ng/ml

RT: 16.69 min Scan# 1365

Delta R.T. -0.03 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

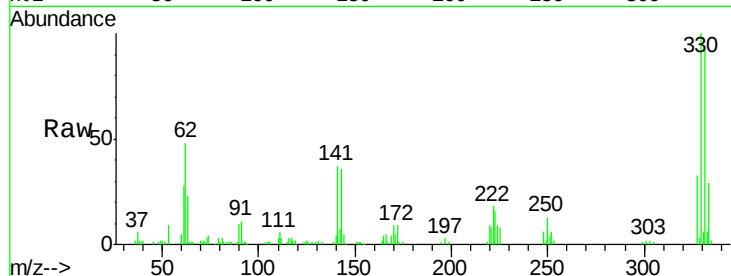
Tot Ion:330 Resp: 91207

Ion Ratio Lower Upper

330 100

332 92.6 77.8 116.6

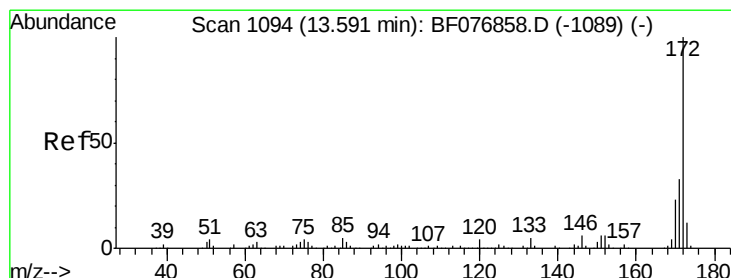
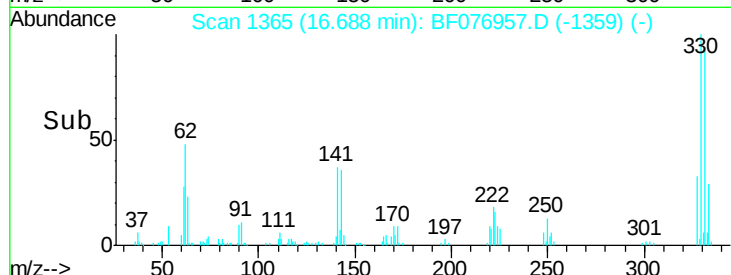
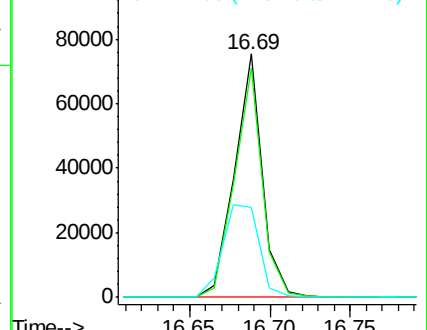
141 49.3 38.5 57.7



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: 89.85 ng/ml

RT: 13.53 min Scan# 1089

Delta R.T. -0.06 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

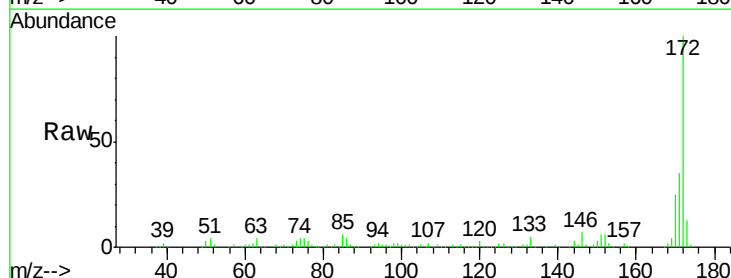
Tgt Ion:172 Resp: 475479

Ion Ratio Lower Upper

172 100

171 35.2 26.6 40.0

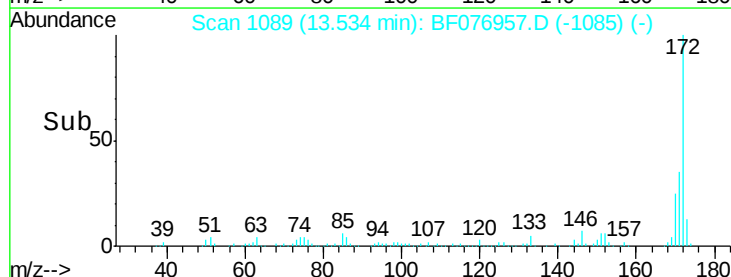
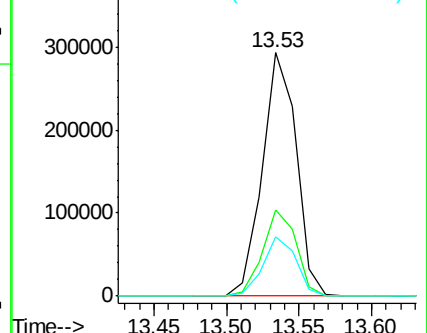
170 24.6 18.0 27.0



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

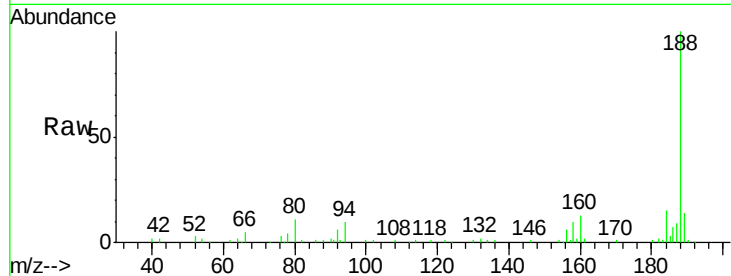




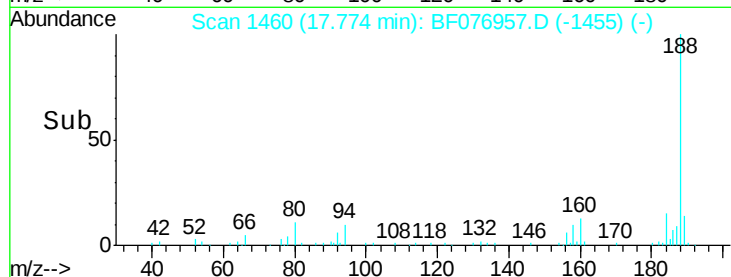
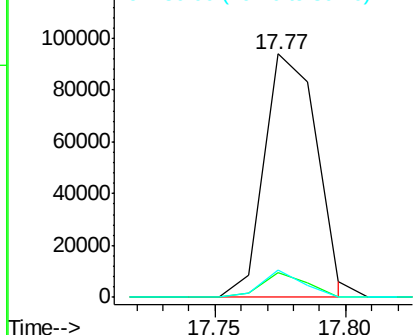
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.05 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

Instrument :
BNA_F
ClientSampleId :
TE-PMW-9S

Tot Ion:188 Resp: 131954
Ion Ratio Lower Upper
188 100
94 10.2 6.0 9.0#
80 11.4 6.9 10.3#

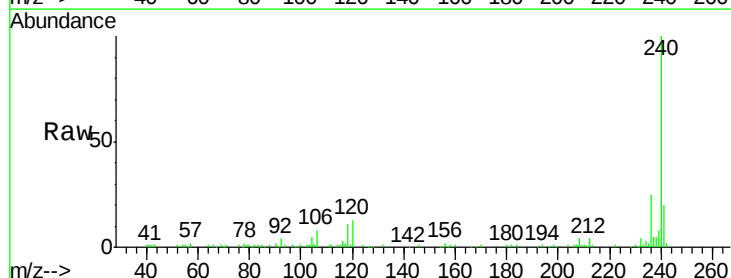


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

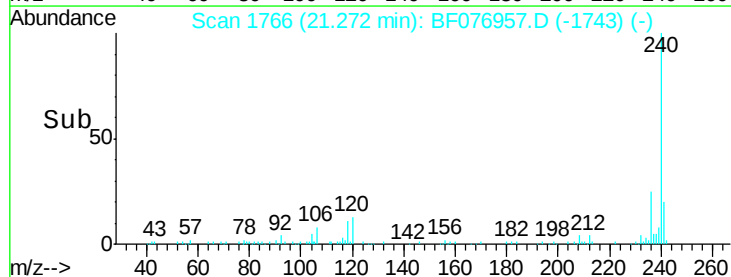
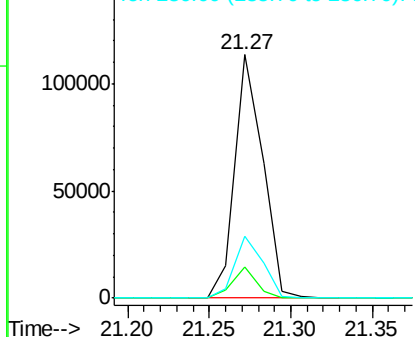


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.03 min
Lab File: BF076957.D
Acq: 20 Jan 2015 9:10

Tgt Ion:240 Resp: 134233
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.4 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: 82.99 ng

RT: 20.01 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW-9S

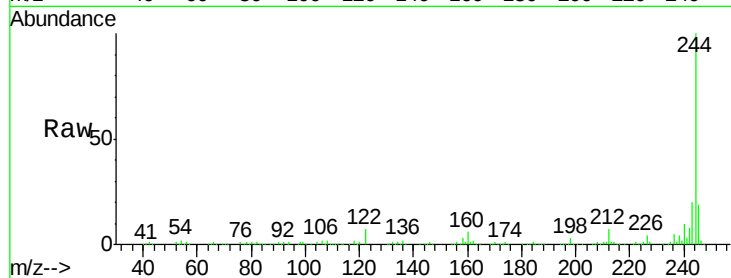
Tot Ion:244 Resp: 483879

Ion Ratio Lower Upper

244 100

212 6.8 6.3 9.5

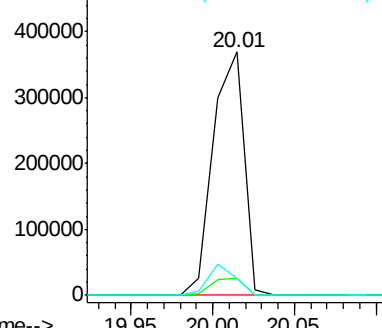
122 7.1 10.1 15.1#



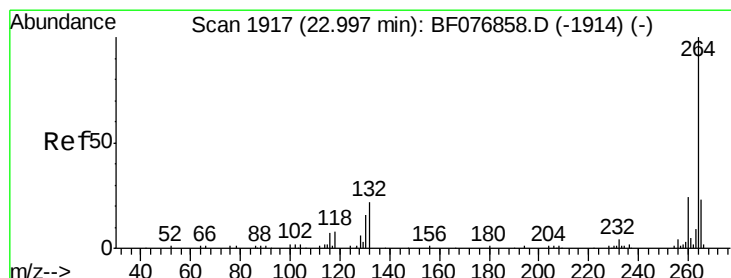
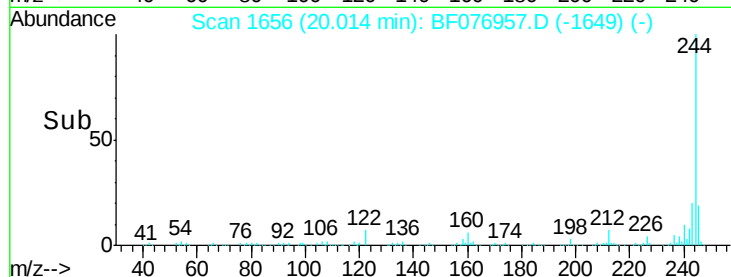
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.94 min Scan# 1912

Delta R.T. -0.06 min

Lab File: BF076957.D

Acq: 20 Jan 2015 9:10

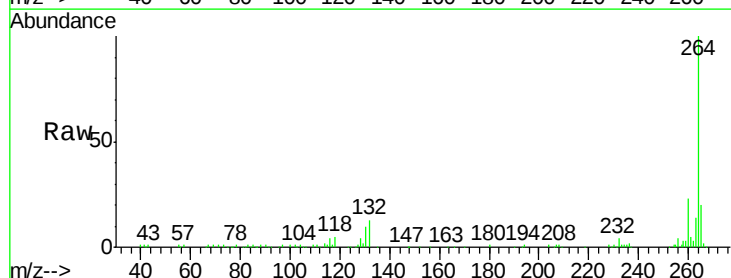
Tgt Ion:264 Resp: 123805

Ion Ratio Lower Upper

264 100

260 22.5 19.0 28.4

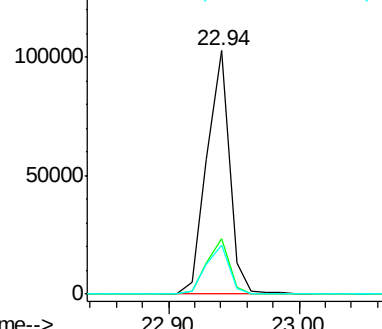
265 20.0 18.1 27.1



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



Time-->

