

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076950.D
 Acq On : 20 Jan 2015 5:10
 Operator : IZ / TP
 Sample : G1080-06
 Misc : W
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-2-15

Quant Time: Jan 20 06:12:27 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 06:05:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	35816	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	152896	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	82176	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	130444	20.00	ng	0.00
75) Chrysene-d12	21.27	240	129580	20.00	ng	0.00
86) Perylene-d12	22.92	264	115952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	132683	60.91	ng	0.00
7) Phenol-d6	7.38	99	98889	35.99	ng	0.00
23) Nitrobenzene-d5	9.27	82	242753	87.96	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	98273	147.33	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	493280	91.35	ng	0.00
78) Terphenyl-d14	20.00	244	446921	79.40	ng	0.00

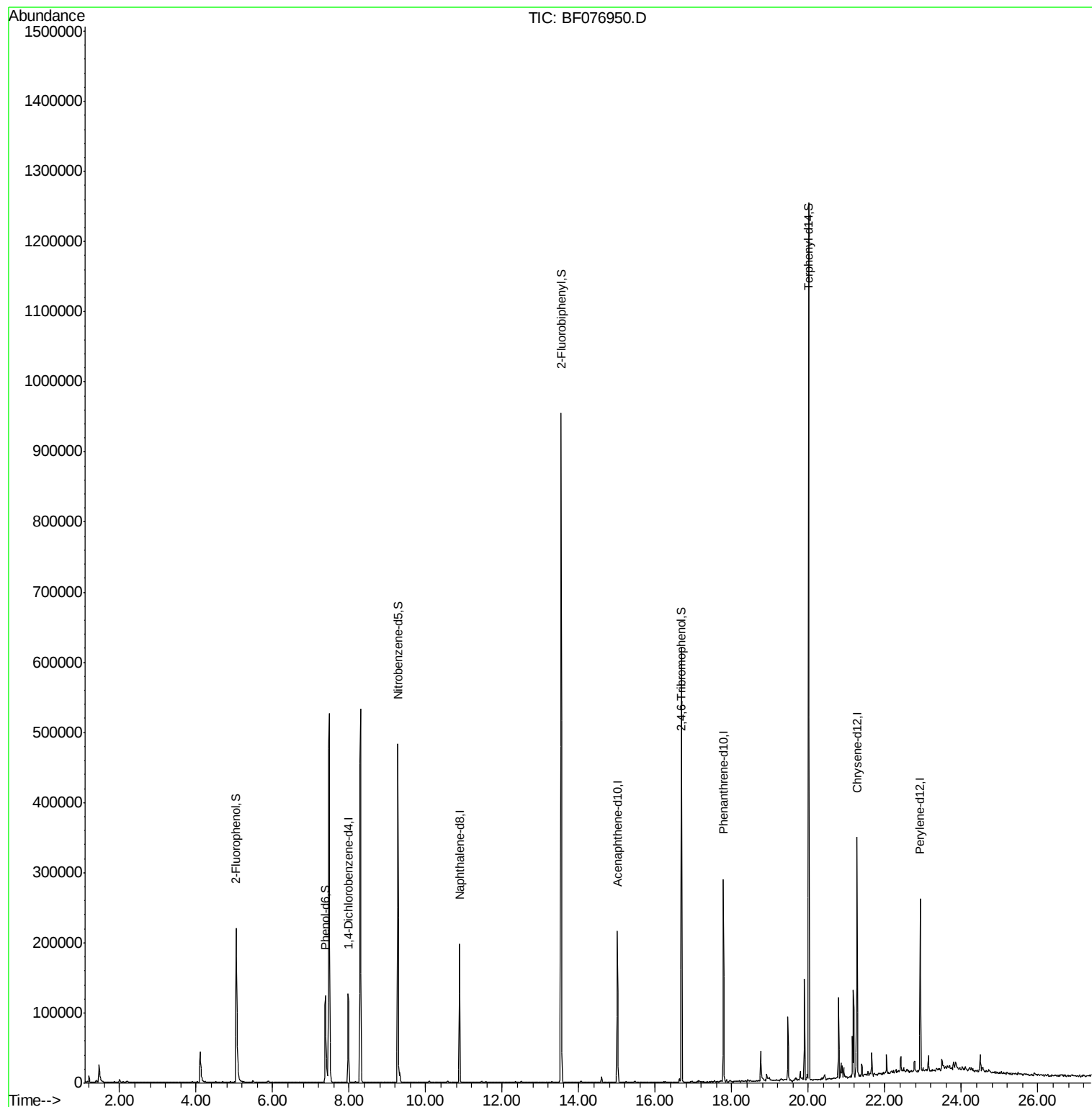
Target Compounds Qvalue

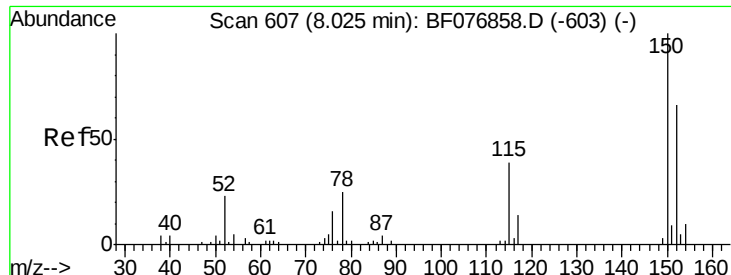
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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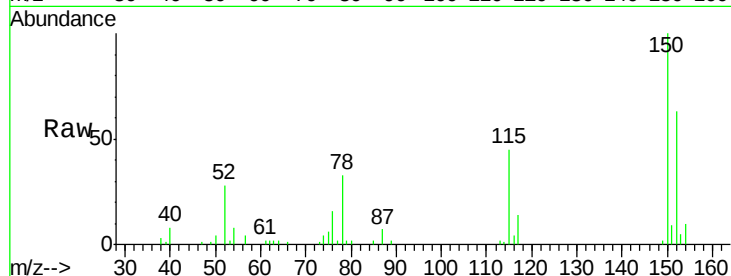




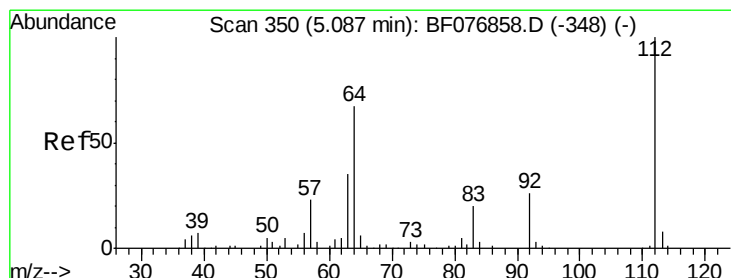
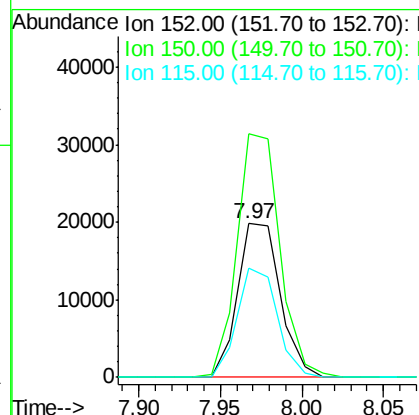
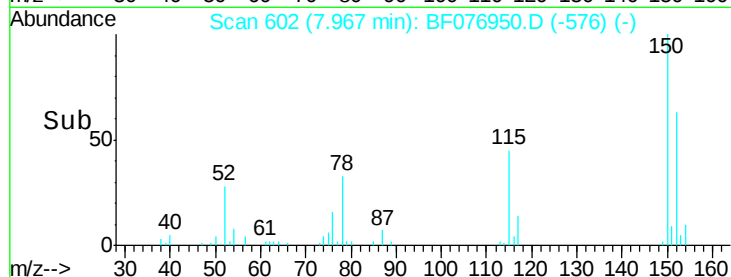
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.97 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-2-15

Tot Ion:152 Resp: 35816
 Ion Ratio Lower Upper
 152 100
 150 158.5 121.7 182.5
 115 71.3 47.0 70.6#

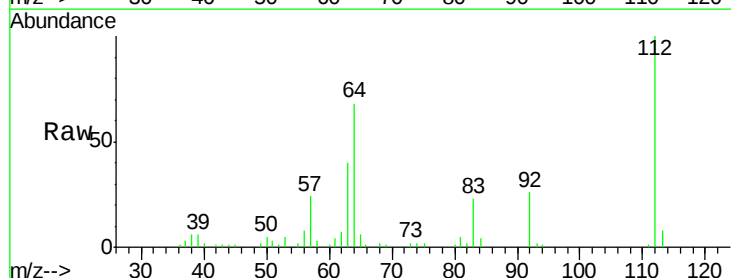


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

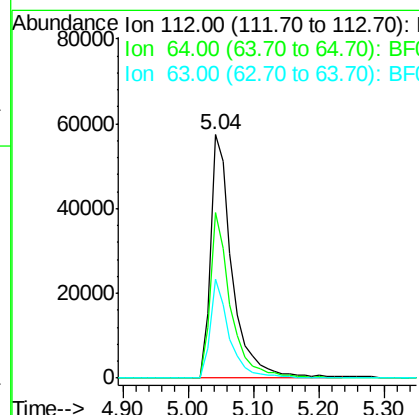
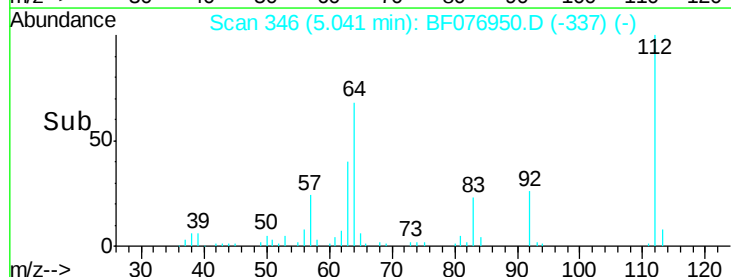


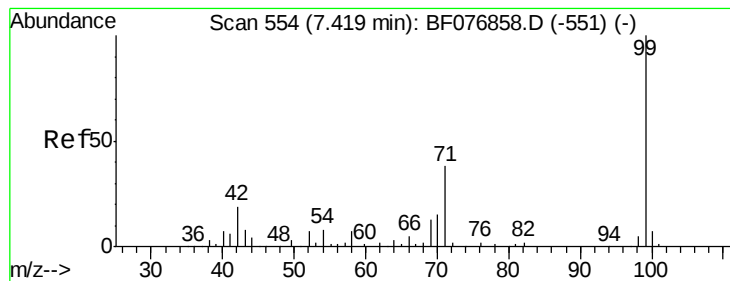
#5
 2-Fluorophenol
 Concen: 60.91 ng
 RT: 5.04 min Scan# 346
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion:112 Resp: 132683
 Ion Ratio Lower Upper
 112 100
 64 67.8 54.2 81.4
 63 40.5 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: 35.99 ng

RT: 7.38 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW-2-15

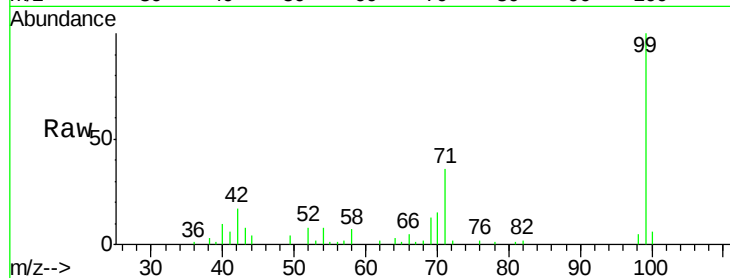
Tot Ion: 99 Resp: 98889

Ion Ratio Lower Upper

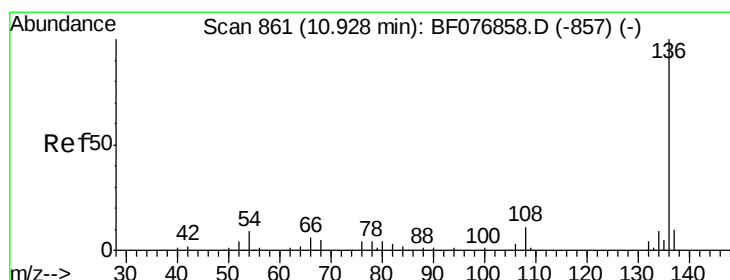
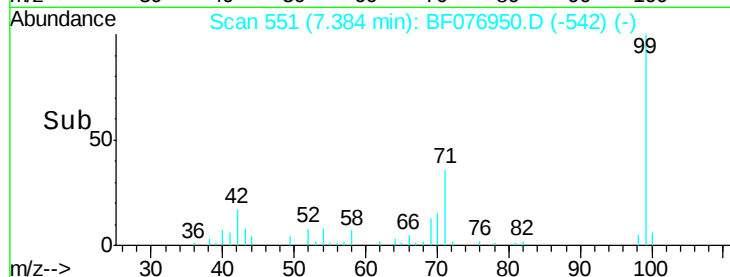
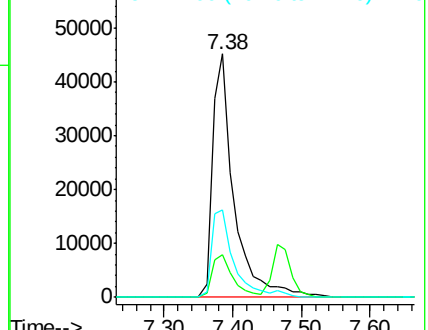
99 100

42 17.4 15.0 22.4

71 35.8 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. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Tgt Ion: 136 Resp: 152896

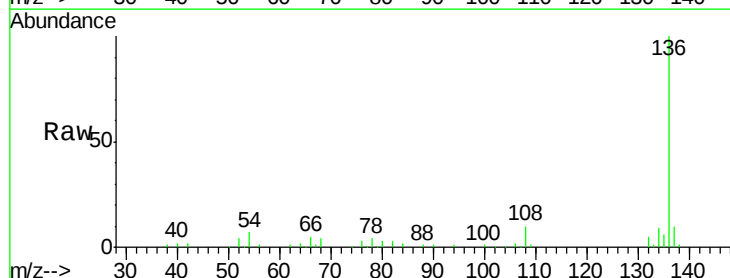
Ion Ratio Lower Upper

136 100

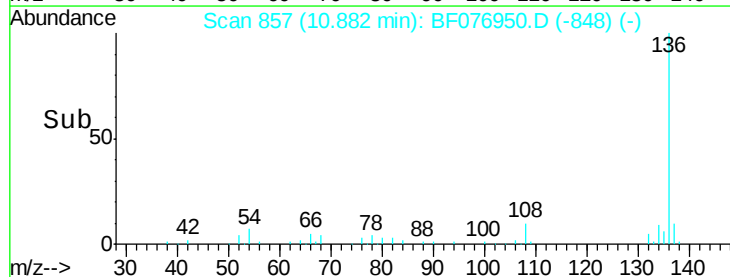
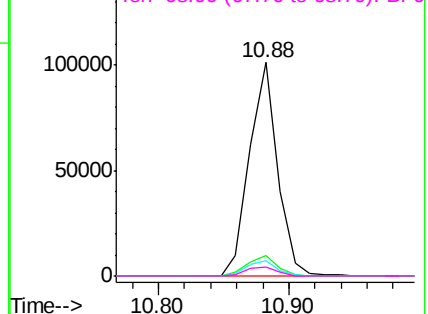
137 9.9 8.1 12.1

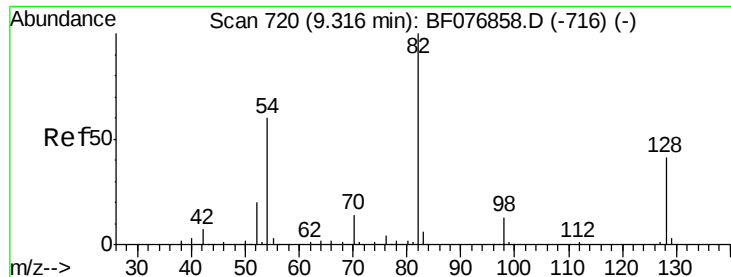
54 7.4 7.0 10.4

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

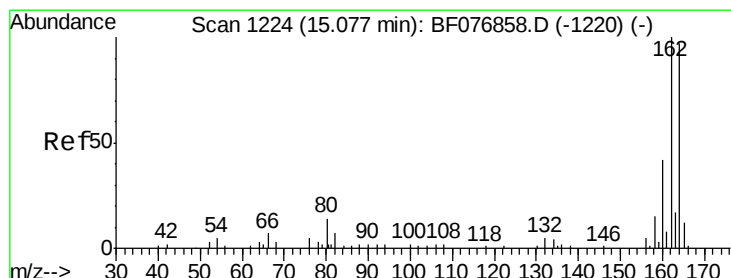
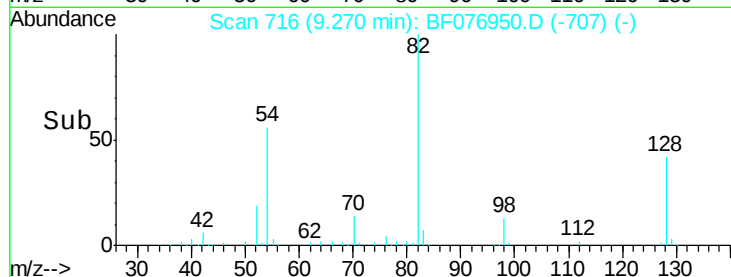
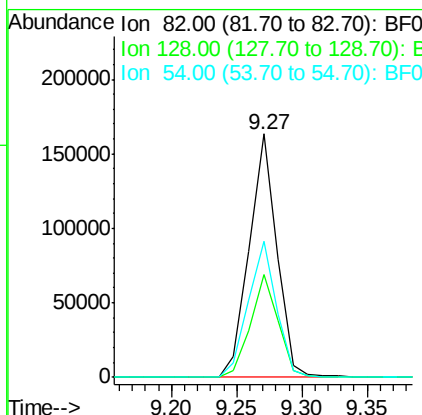
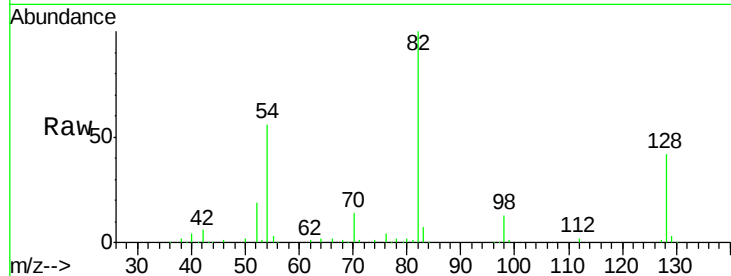




#23
 Nitrobenzene-d5
 Concen: 87.96 ng
 RT: 9.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

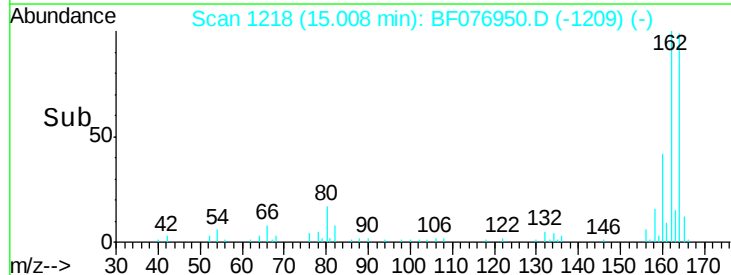
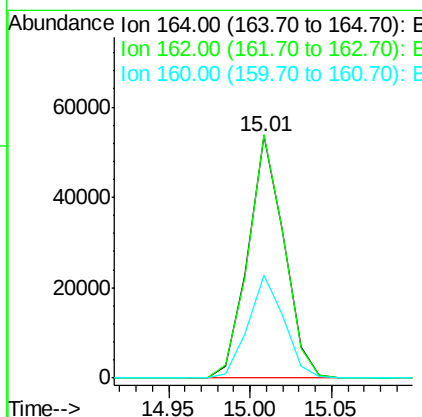
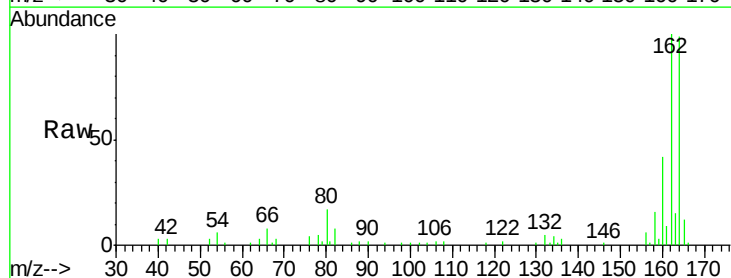
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-2-15

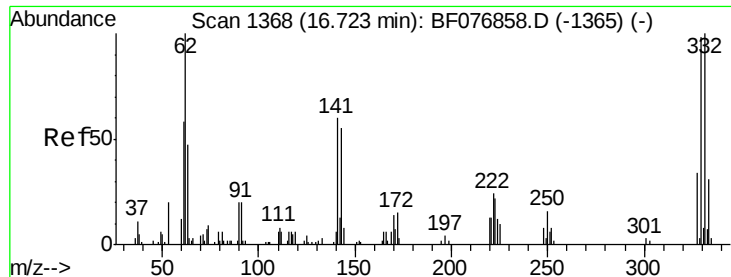
Tot Ion: 82 Resp: 242753
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.1 49.7
 54 55.8 48.3 72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion:164 Resp: 82176
 Ion Ratio Lower Upper
 164 100
 162 100.7 82.4 123.6
 160 42.7 34.8 52.2

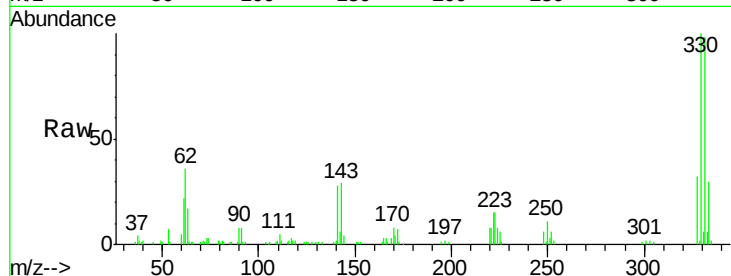




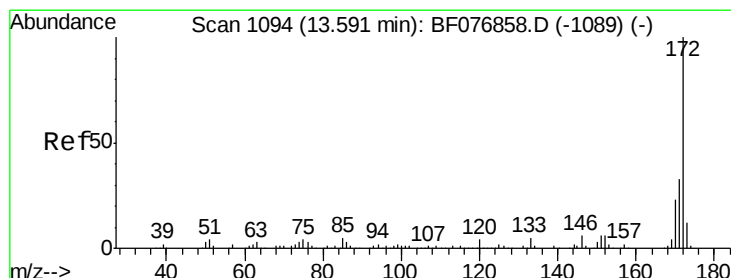
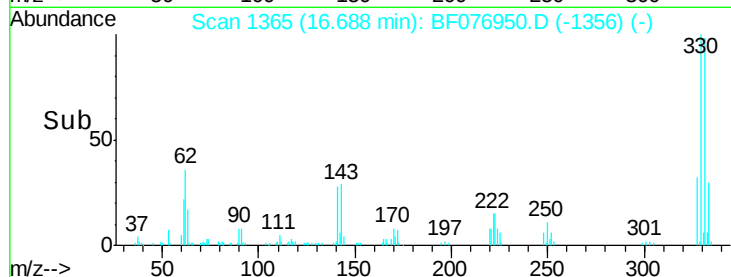
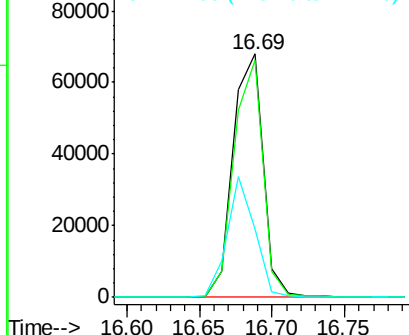
#41
 2,4,6-Tribromophenol
 Concen: 147.33 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-2-15

Tot Ion:330 Resp: 98273
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.8 116.6
 141 45.6 38.5 57.7

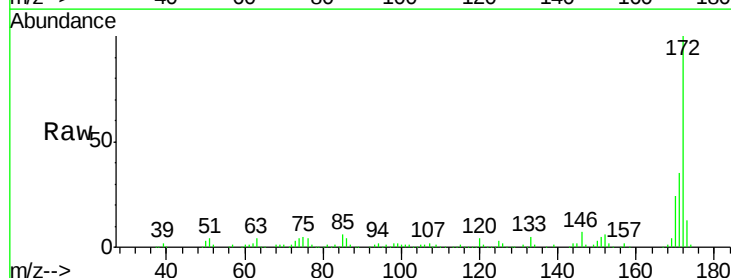


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

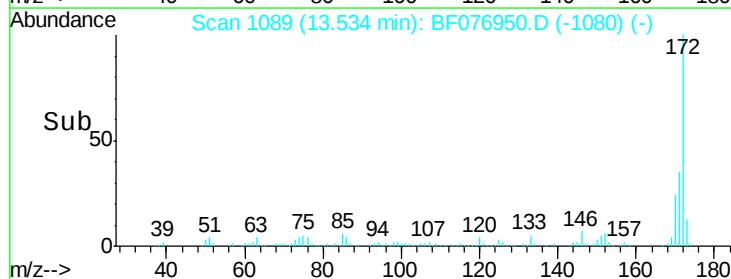
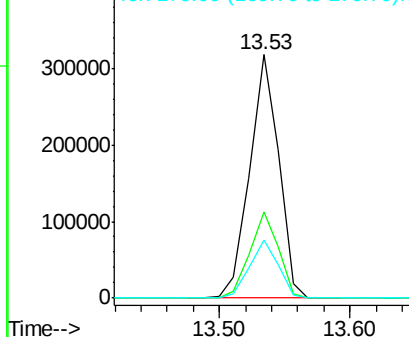


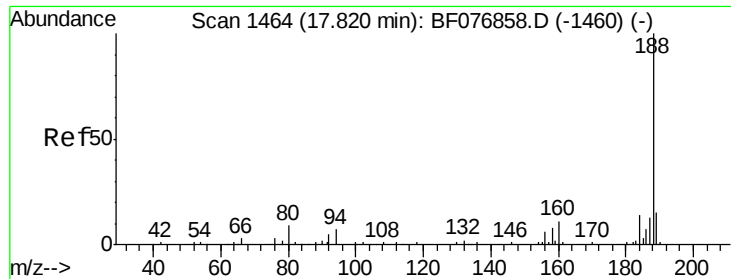
#44
 2-Fluorobiphenyl
 Concen: 91.35 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076950.D
 Acq: 20 Jan 2015 5:10

Tgt Ion:172 Resp: 493280
 Ion Ratio Lower Upper
 172 100
 171 35.3 26.6 40.0
 170 24.0 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

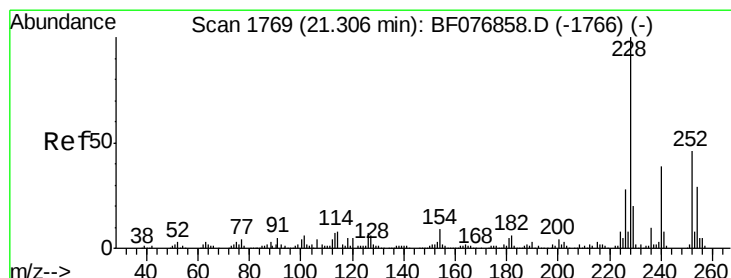
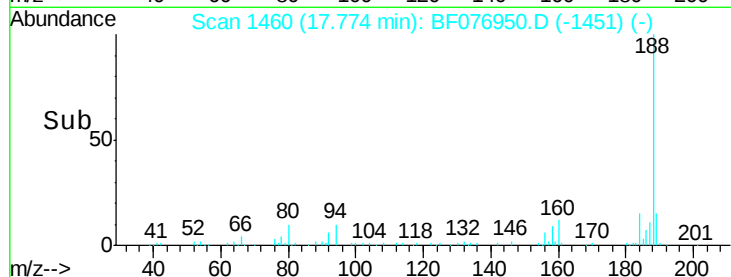
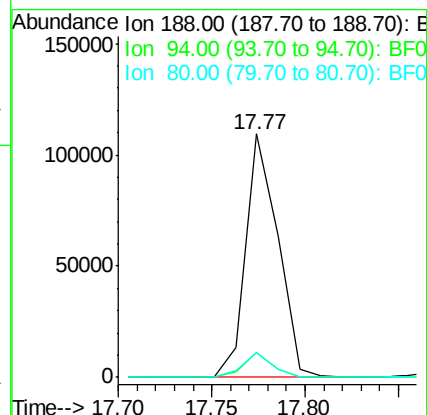
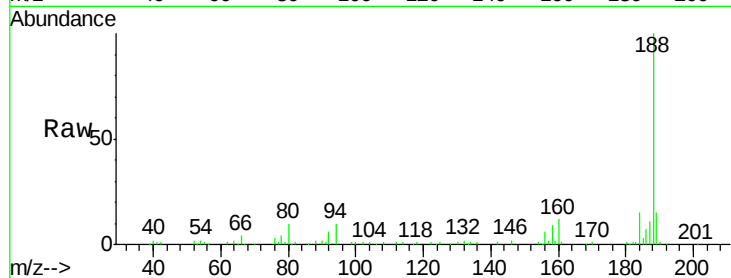




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF076950.D
Acq: 20 Jan 2015 5:10

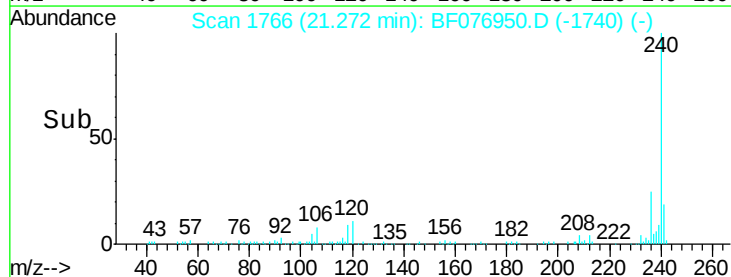
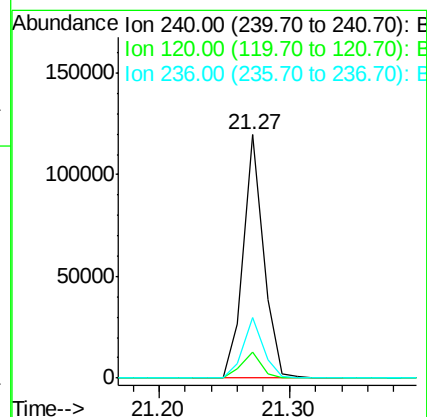
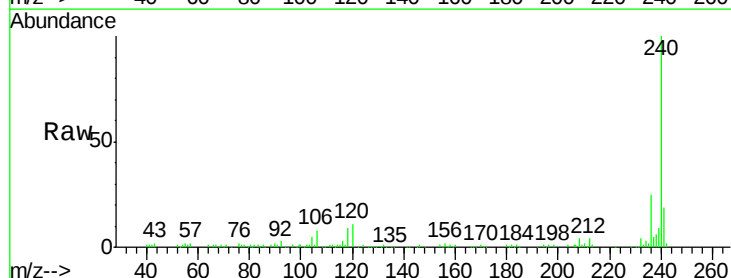
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TE-PMW-2-15

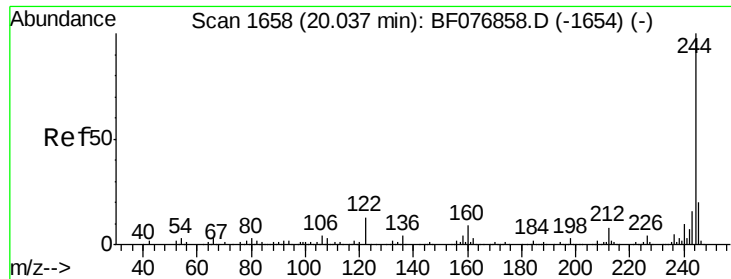
Tot Ion:188 Resp: 130444
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 10.1 6.9 10.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076950.D
Acq: 20 Jan 2015 5:10

Tgt Ion:240 Resp: 129580
Ion Ratio Lower Upper
240 100
120 10.7 10.4 15.6
236 25.0 20.2 30.2





#78

Terphenyl-d14

Concen: 79.40 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

Instrument :

BNA_F

ClientSampleId :

TE-PMW-2-15

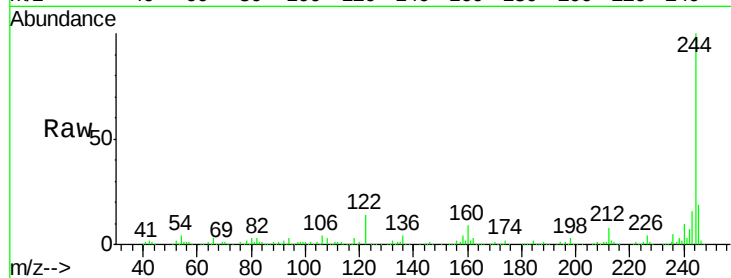
Tot Ion:244 Resp: 446921

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

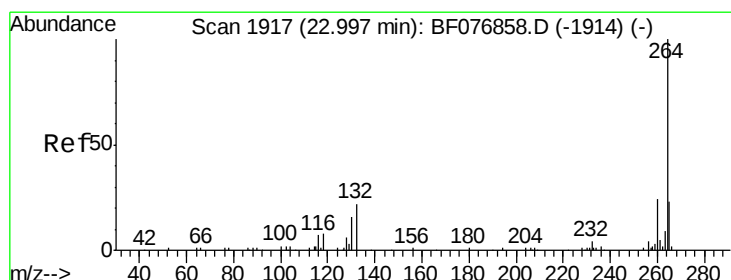
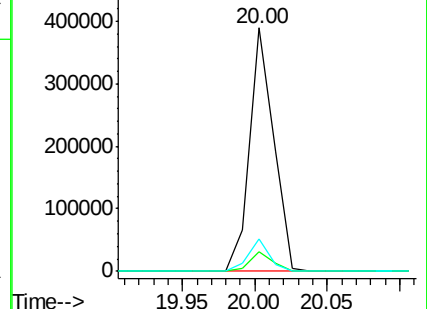
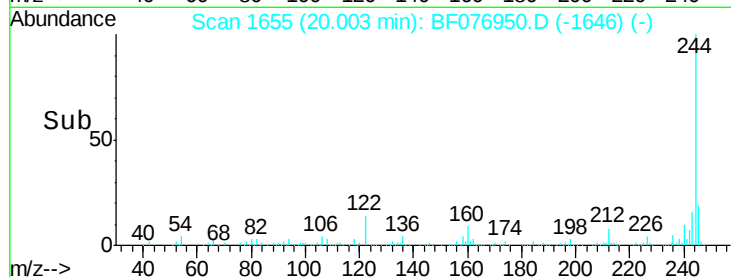
122 13.6 10.1 15.1



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: 22.92 min Scan# 1910

Delta R.T. 0.00 min

Lab File: BF076950.D

Acq: 20 Jan 2015 5:10

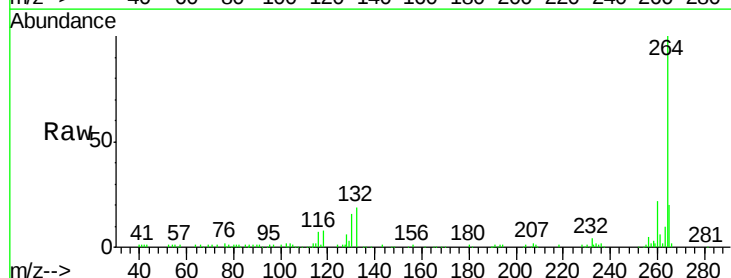
Tgt Ion:264 Resp: 115952

Ion Ratio Lower Upper

264 100

260 22.4 19.0 28.4

265 20.2 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

