

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076870.D
 Acq On : 14 Jan 2015 21:10
 Operator : IZ / TP
 Sample : PB81326TB
 Misc : W
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 00:18:34 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	32768	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	140402	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	74076	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	131448	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	130085	20.00	ng	0.00
86) Perylene-d12	22.95	264	122791	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	256496	128.70	ng	0.01
7) Phenol-d6	7.42	99	316357	125.83	ng	0.00
23) Nitrobenzene-d5	9.32	82	190681	75.24	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	76977	128.02	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	408922	84.01	ng	-0.01
78) Terphenyl-d14	20.04	244	468632	82.94	ng	0.00

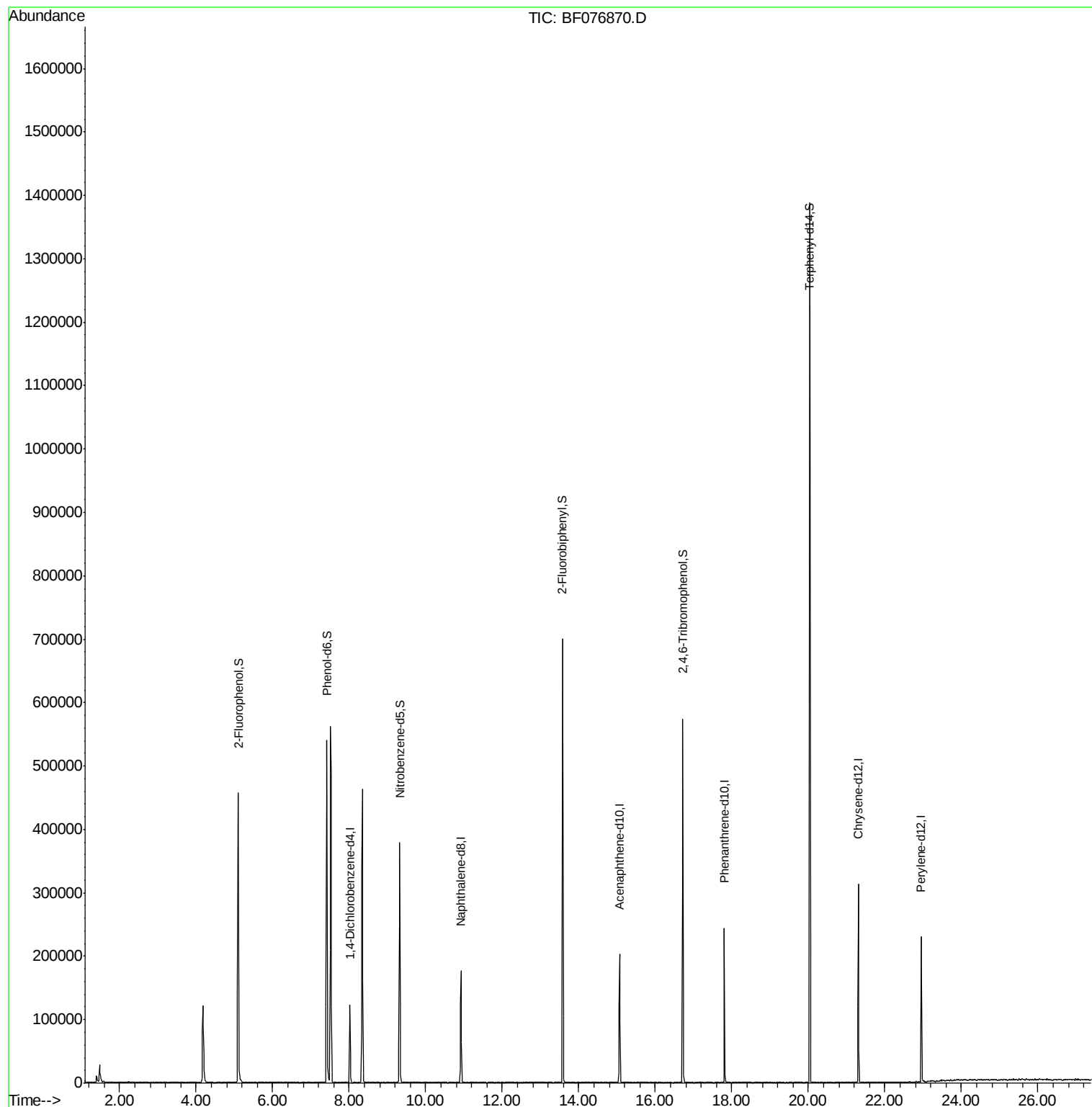
Target Compounds Qvalue

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

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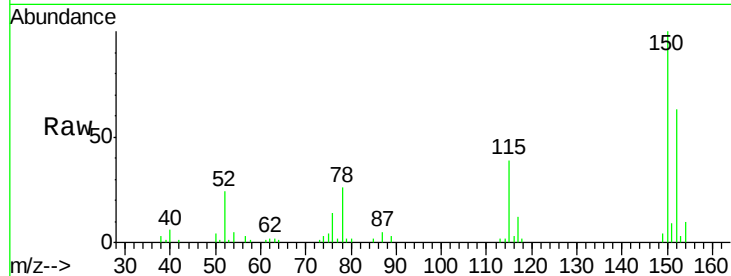


#1

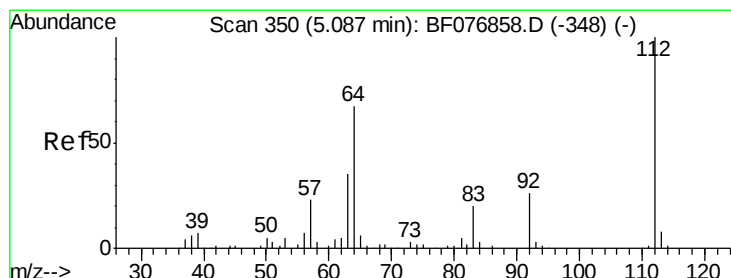
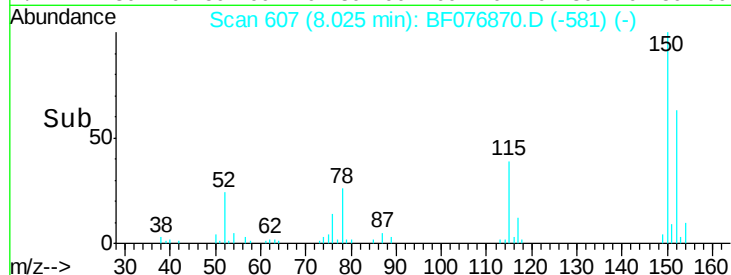
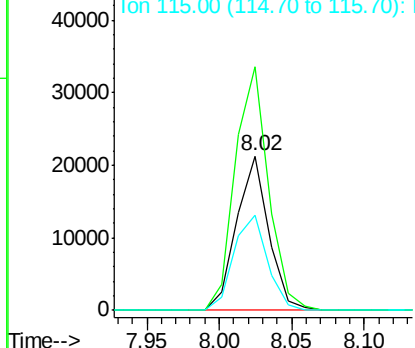
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. 0.00 min
Lab File: BF076870.D
Acq: 14 Jan 2015 21:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 32768
Ion Ratio Lower Upper
152 100
150 157.9 121.7 182.5
115 61.7 47.0 70.6



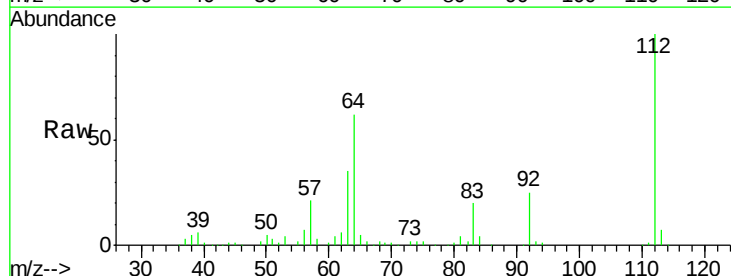
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



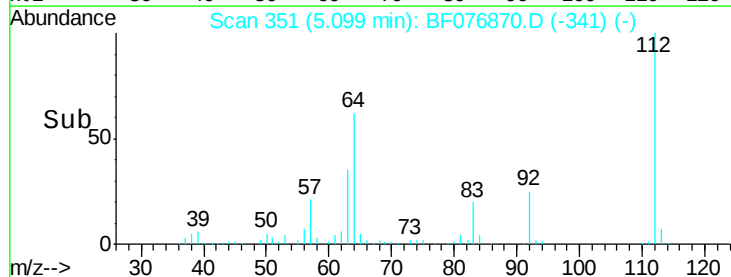
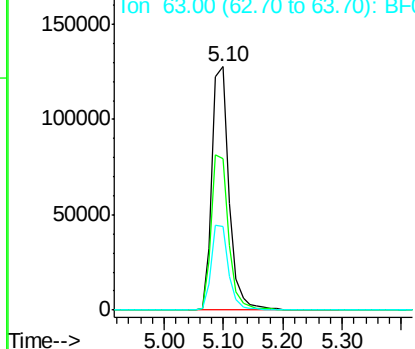
#5

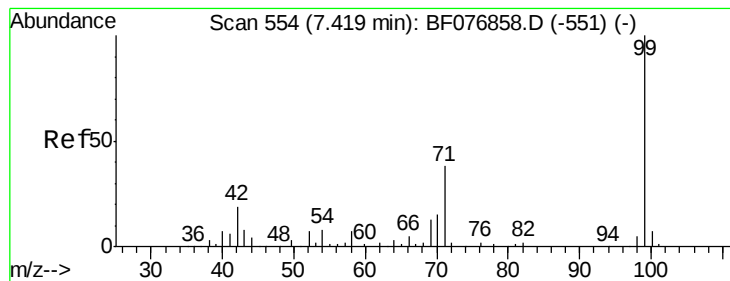
2-Fluorophenol
Concen: 128.70 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076870.D
Acq: 14 Jan 2015 21:10

Tgt Ion:112 Resp: 256496
Ion Ratio Lower Upper
112 100
64 62.2 54.2 81.4
63 34.6 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: 125.83 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076870.D

Acq: 14 Jan 2015 21:10

Instrument :

BNA_F

ClientSampleId :

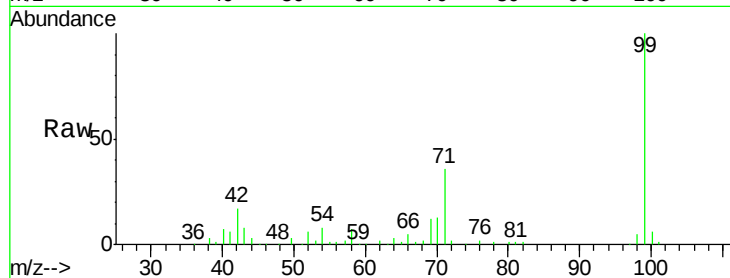
Tot Ion: 99 Resp: 316357

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.4

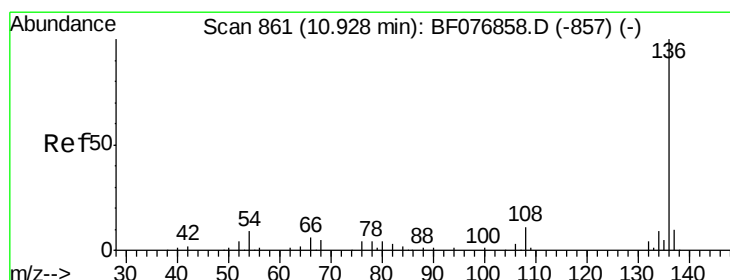
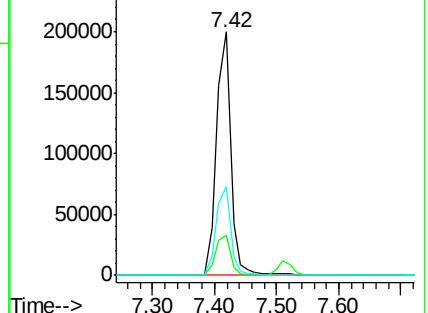
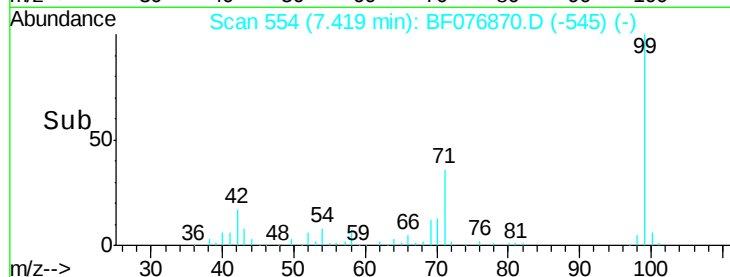
71 36.4 30.5 45.7



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: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076870.D

Acq: 14 Jan 2015 21:10

Tgt Ion: 136 Resp: 140402

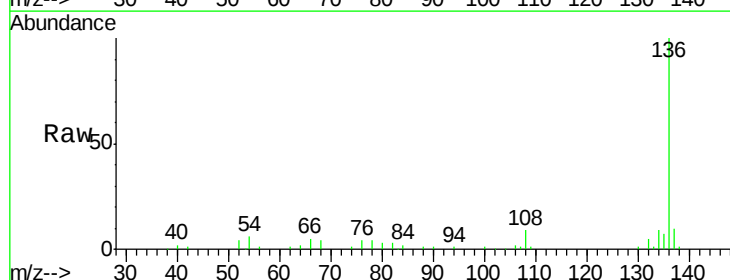
Ion Ratio Lower Upper

136 100

137 9.5 8.1 12.1

54 6.2 7.0 10.4#

68 3.8 3.7 5.5

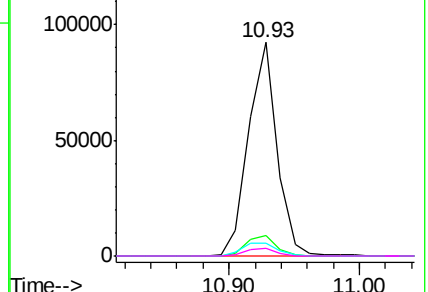
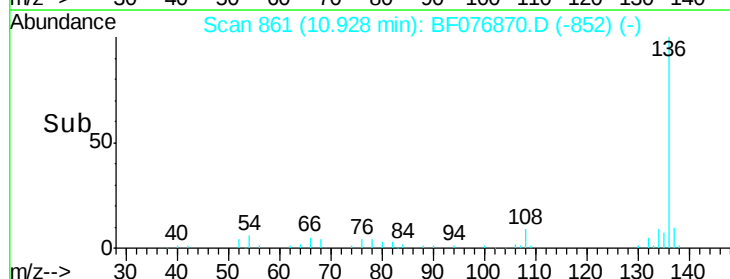


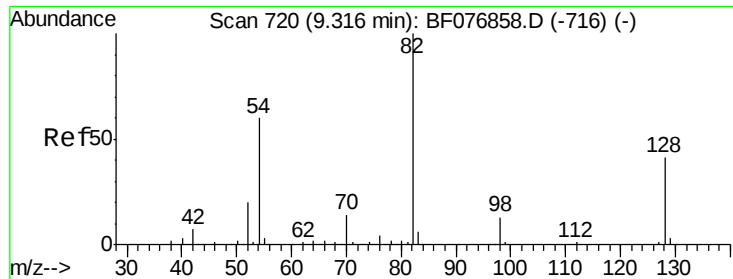
Abundance Ion 136.00 (135.70 to 136.70): E

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

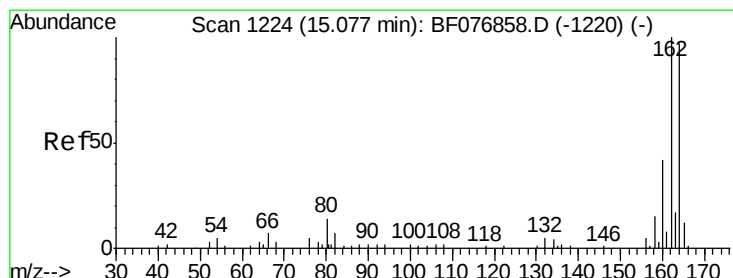
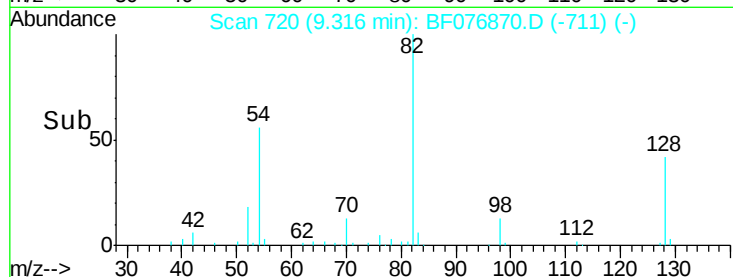
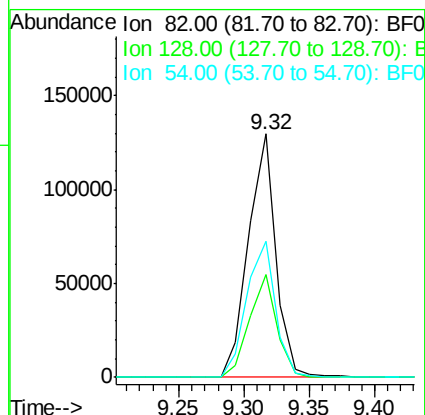
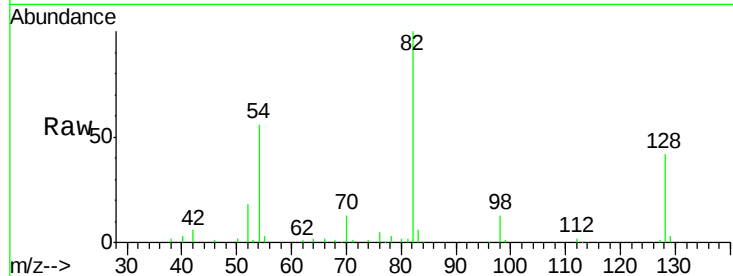




#23
 Nitrobenzene-d5
 Concen: 75.24 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076870.D
 Acq: 14 Jan 2015 21:10

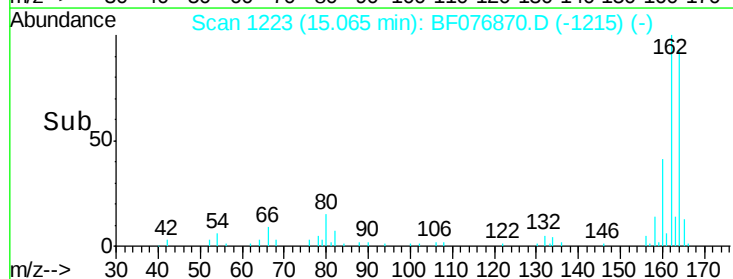
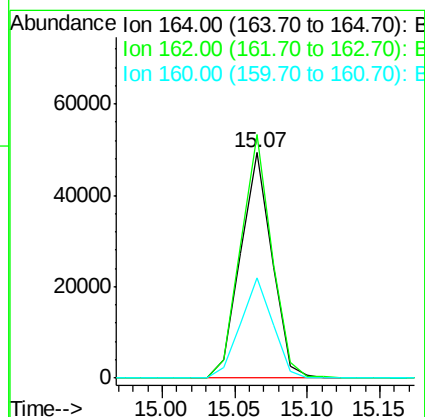
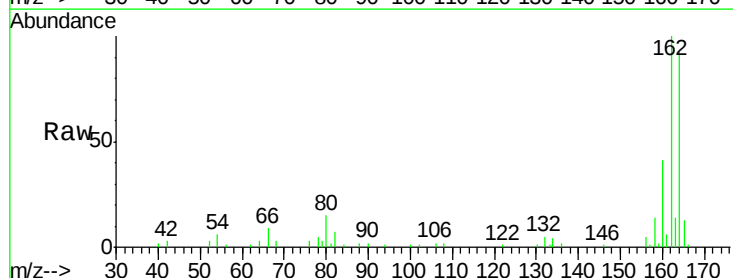
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	190681
Ion Ratio	100	Lower	Upper
128	42.3	33.1	49.7
54	55.9	48.3	72.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076870.D
 Acq: 14 Jan 2015 21:10

Tgt Ion	164	Resp	74076
Ion Ratio	100	Lower	Upper
162	108.0	82.4	123.6
160	44.6	34.8	52.2

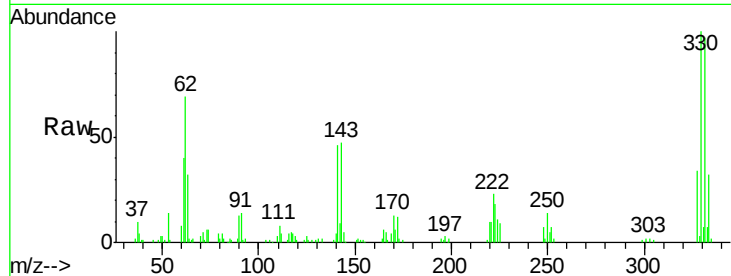




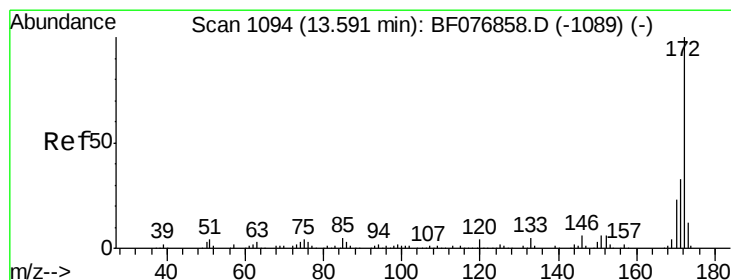
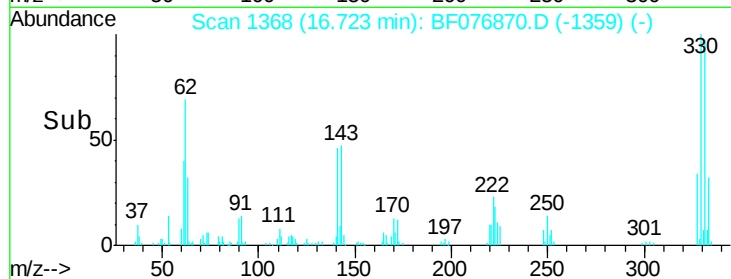
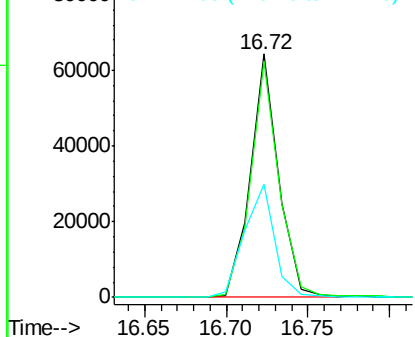
#41
 2,4,6-Tribromophenol
 Concen: 128.02 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076870.D
 Acq: 14 Jan 2015 21:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 76977
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.8 116.6
 141 49.7 38.5 57.7

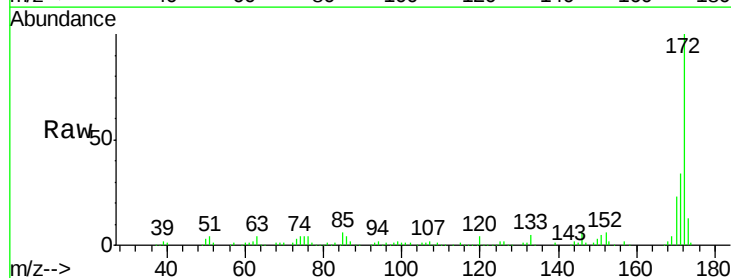


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

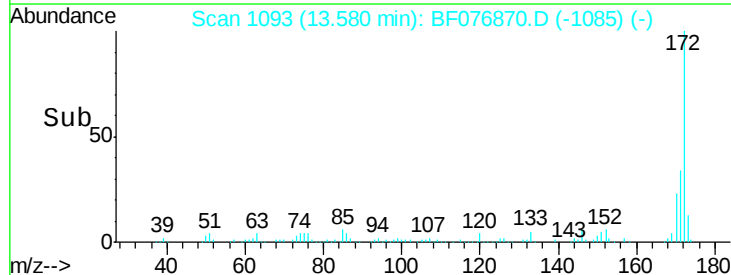
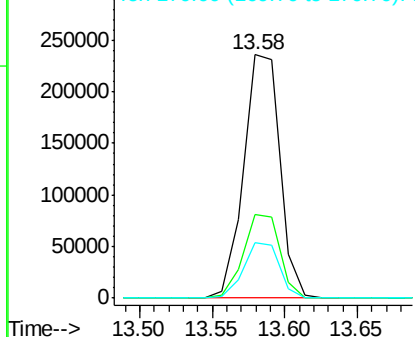


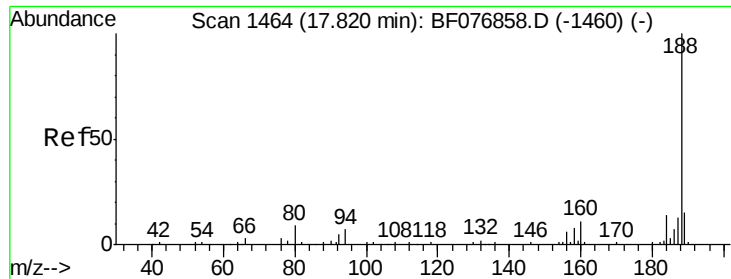
#44
 2-Fluorobiphenyl
 Concen: 84.01 ng
 RT: 13.58 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF076870.D
 Acq: 14 Jan 2015 21:10

Tgt Ion:172 Resp: 408922
 Ion Ratio Lower Upper
 172 100
 171 34.4 26.6 40.0
 170 22.8 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

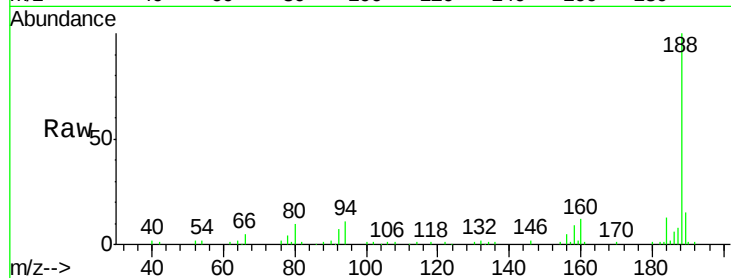




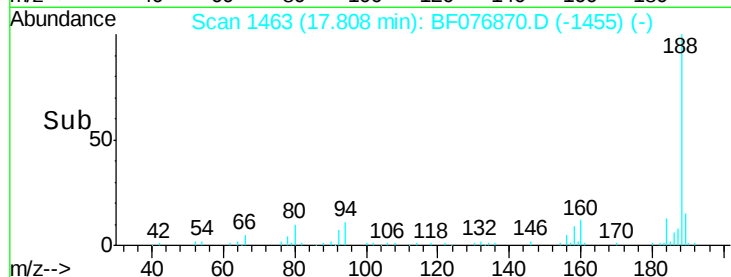
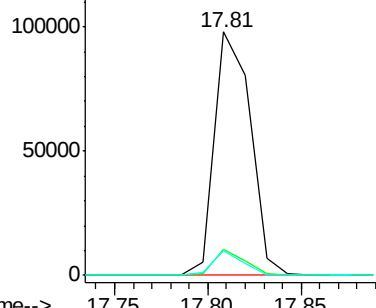
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076870.D
Acq: 14 Jan 2015 21:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 131448
Ion Ratio Lower Upper
188 100
94 10.7 6.0 9.0#
80 10.4 6.9 10.3#

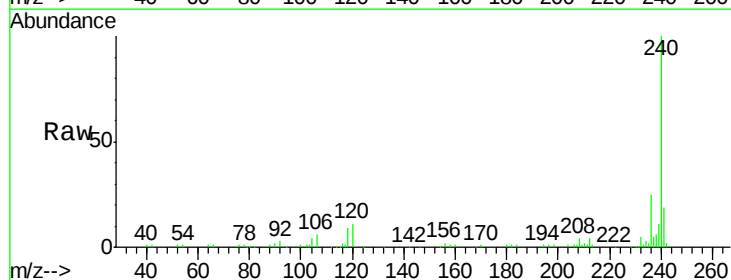


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

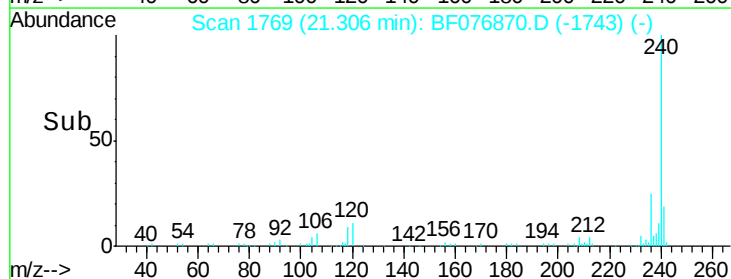
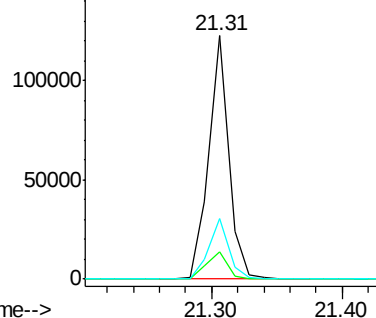


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076870.D
Acq: 14 Jan 2015 21:10

Tgt Ion:240 Resp: 130085
Ion Ratio Lower Upper
240 100
120 11.0 10.4 15.6
236 24.9 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: 82.94 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076870.D

Acq: 14 Jan 2015 21:10

Instrument :

BNA_F

ClientSampleId :

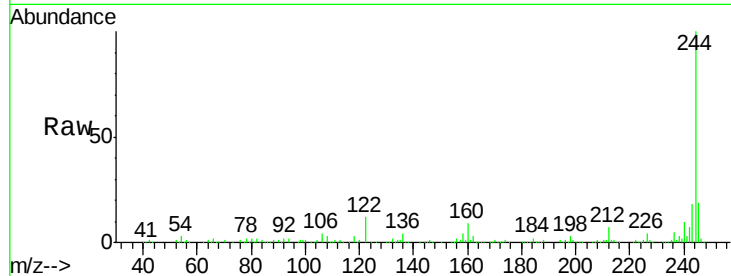
Tot Ion:244 Resp: 468632

Ion Ratio Lower Upper

244 100

212 7.1 6.3 9.5

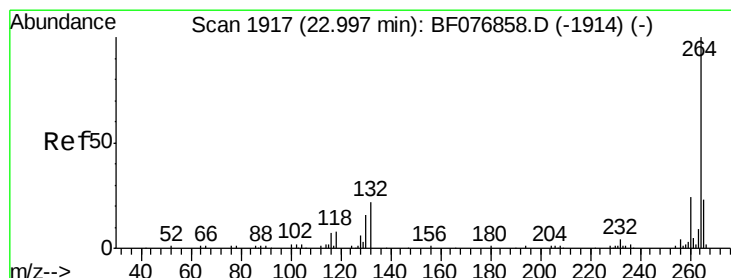
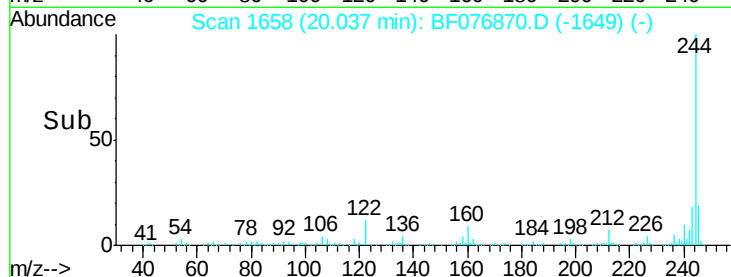
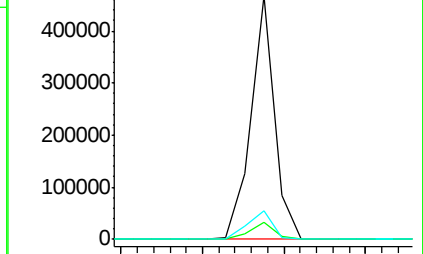
122 12.0 10.1 15.1



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: 22.95 min Scan# 1913

Delta R.T. -0.05 min

Lab File: BF076870.D

Acq: 14 Jan 2015 21:10

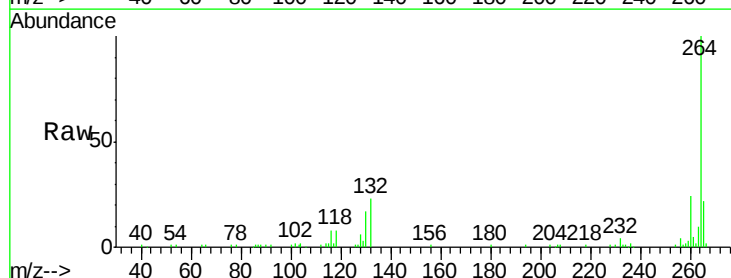
Tgt Ion:264 Resp: 122791

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 22.1 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

