

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
 Data File : BF076871.D
 Acq On : 14 Jan 2015 21:45
 Operator : IZ / TP
 Sample : PB81324BL
 Misc : S
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81324BL

Quant Time: Jan 15 00:29:26 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	32156	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	129685	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	70794	20.00	ng	-0.01
63) Phenanthrene-d10	17.81	188	115844	20.00	ng	-0.01
75) Chrysene-d12	21.31	240	112249	20.00	ng	0.00
86) Perylene-d12	22.94	264	101506	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	239392	122.40	ng	0.01
7) Phenol-d6	7.42	99	296457	120.16	ng	0.00
23) Nitrobenzene-d5	9.32	82	178731	76.35	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	66200	115.20	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	363526	78.14	ng	-0.01
78) Terphenyl-d14	20.04	244	375139	76.94	ng	0.00

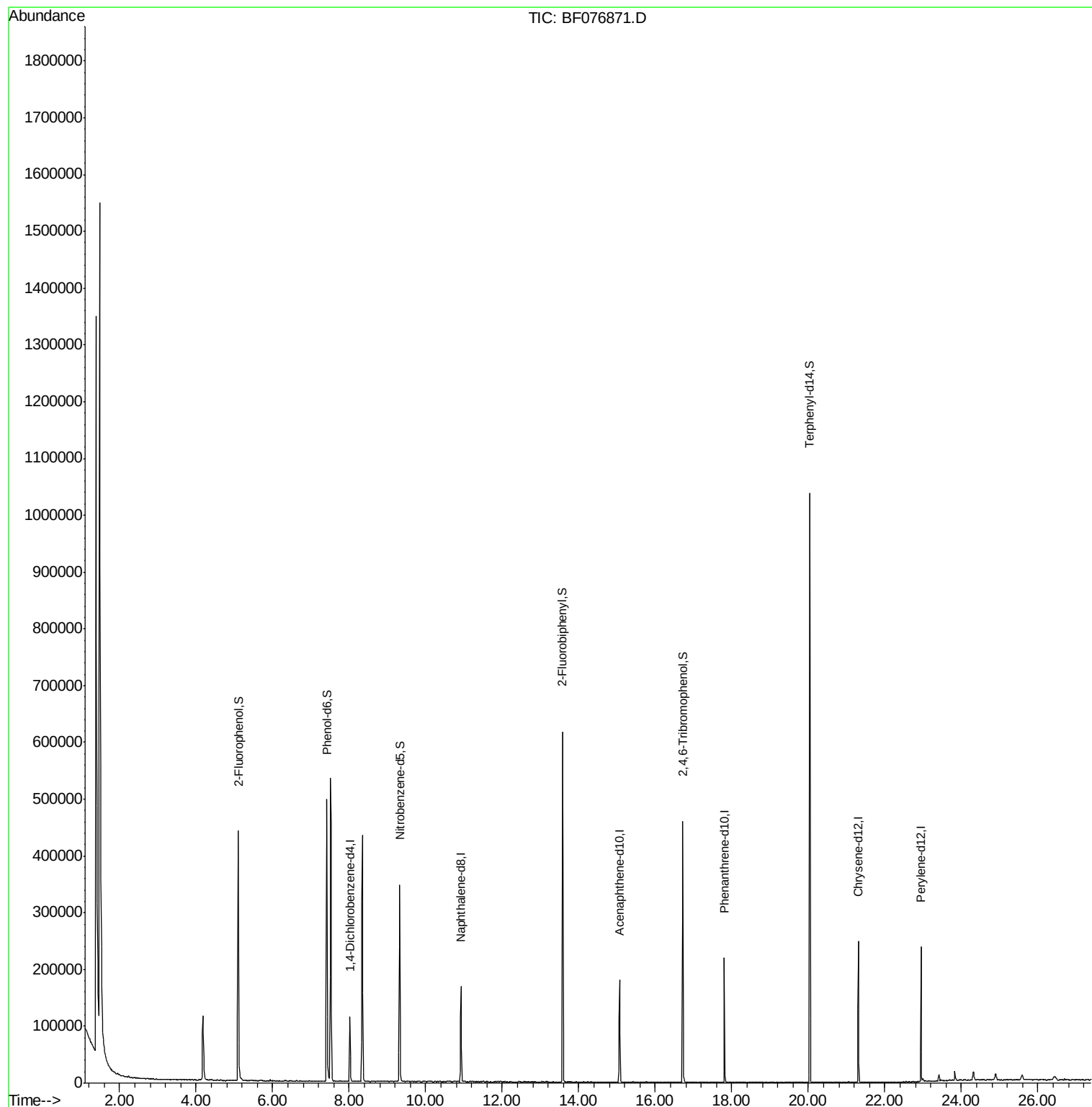
Target Compounds Qvalue

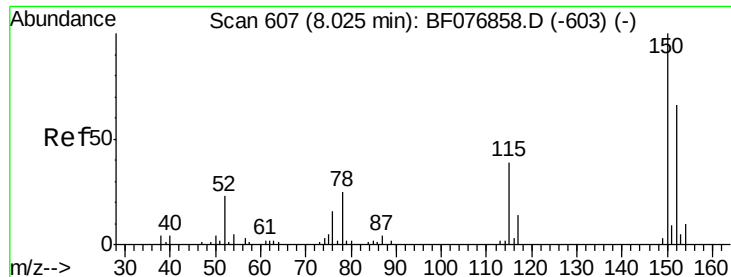
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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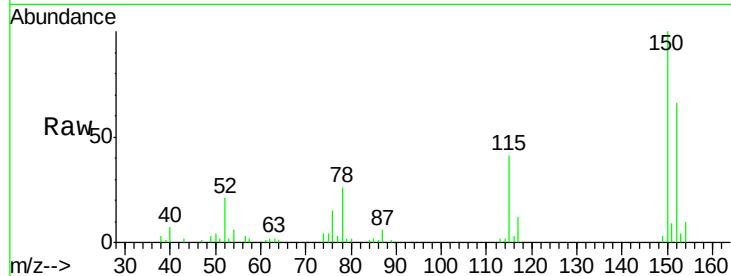


#1

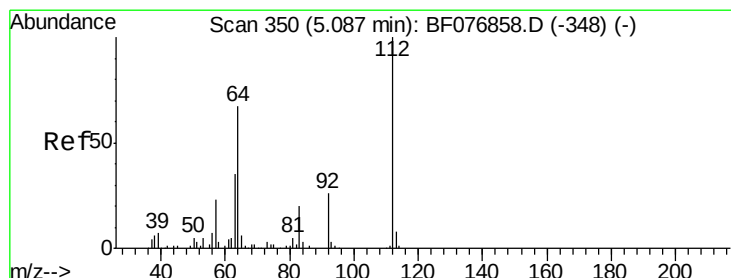
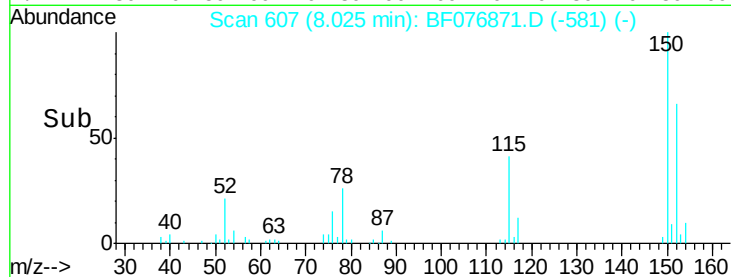
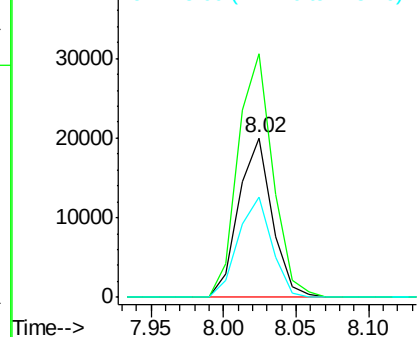
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.02 min Scan# 607
Delta R.T. -0.00 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Instrument :
BNA_F
ClientSampleId :
PB81324BL

Tot Ion:152 Resp: 32156
Ion Ratio Lower Upper
152 100
150 152.4 121.7 182.5
115 62.5 47.0 70.6



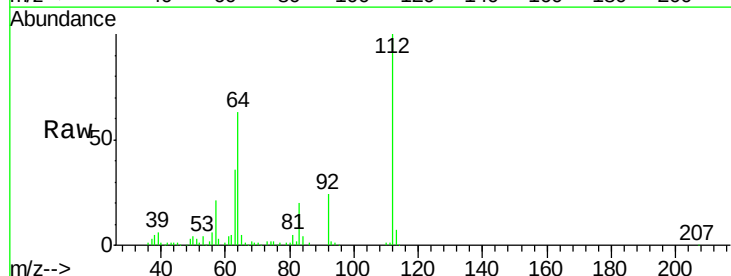
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



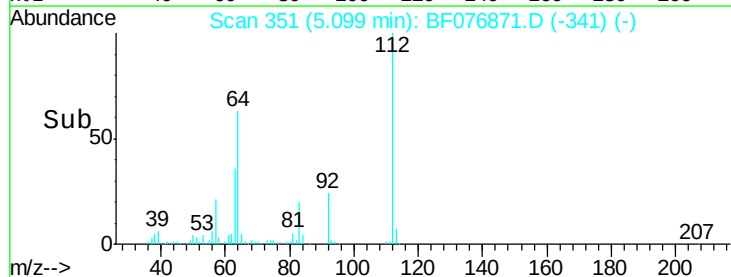
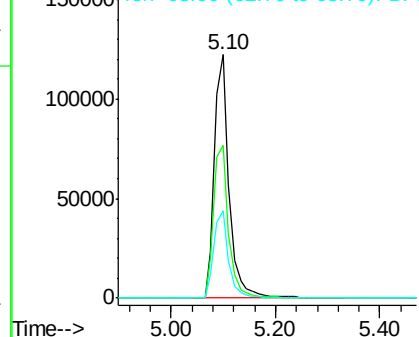
#5

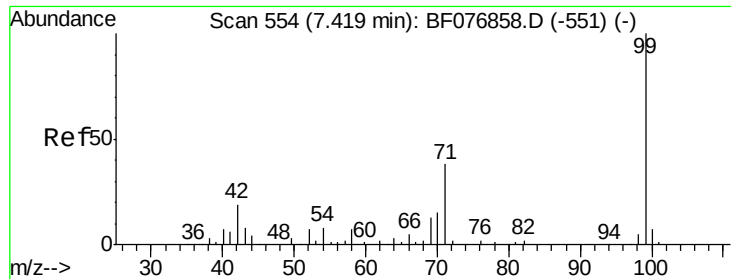
2-Fluorophenol
Concen: 122.40 ng
RT: 5.10 min Scan# 351
Delta R.T. 0.01 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Tgt Ion:112 Resp: 239392
Ion Ratio Lower Upper
112 100
64 62.8 54.2 81.4
63 36.0 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: 120.16 ng

RT: 7.42 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

Instrument :

BNA_F

ClientSampleID :

PB81324BL

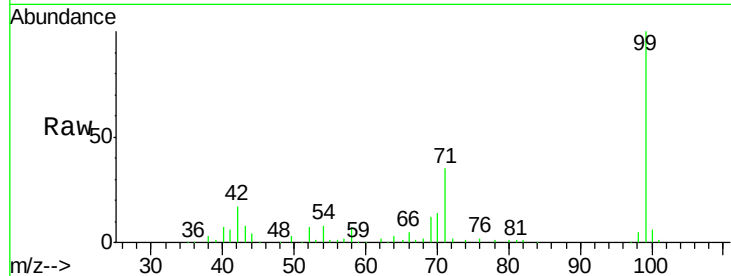
Tot Ion: 99 Resp: 296457

Ion Ratio Lower Upper

99 100

42 16.7 15.0 22.4

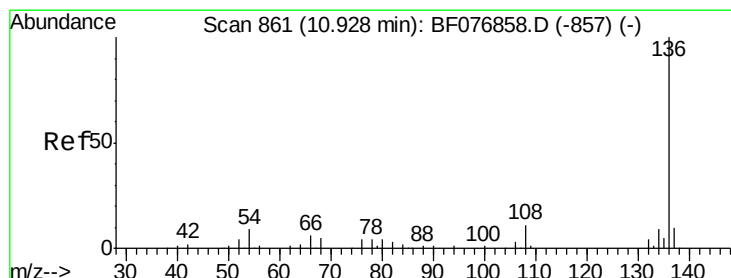
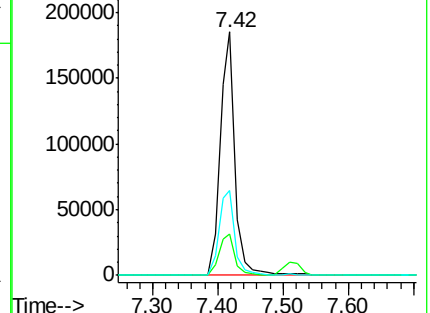
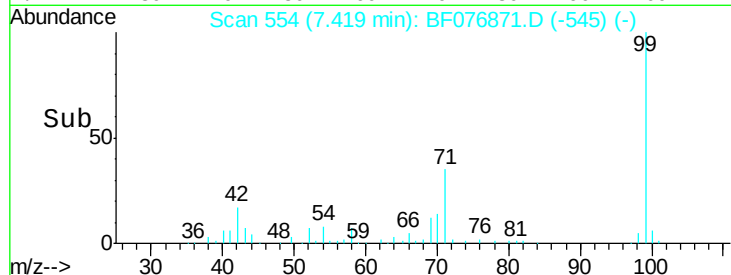
71 34.7 30.5 45.7



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: 10.93 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

Tgt Ion: 136 Resp: 129685

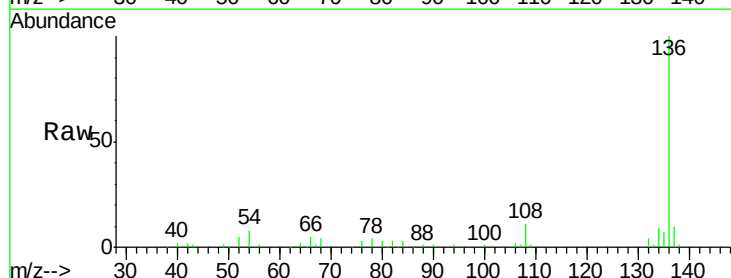
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 8.0 7.0 10.4

68 3.9 3.7 5.5

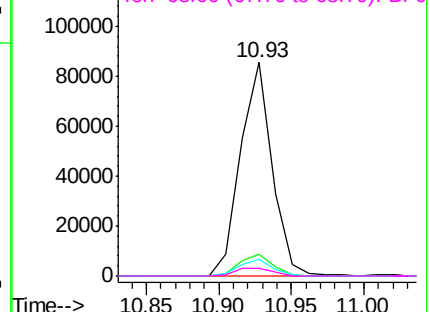
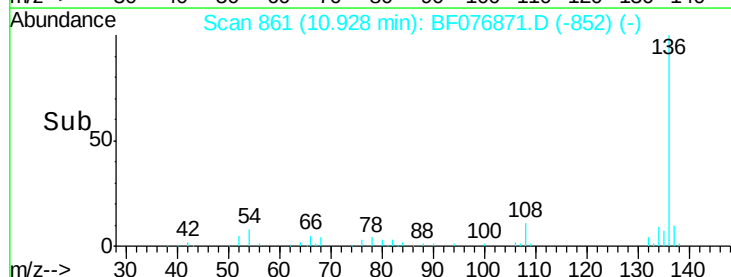


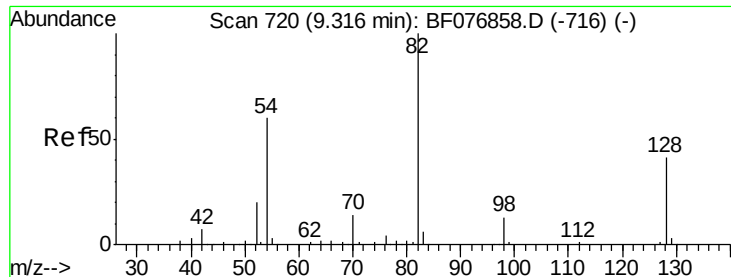
Abundance Ion 136.00 (135.70 to 136.70): E

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

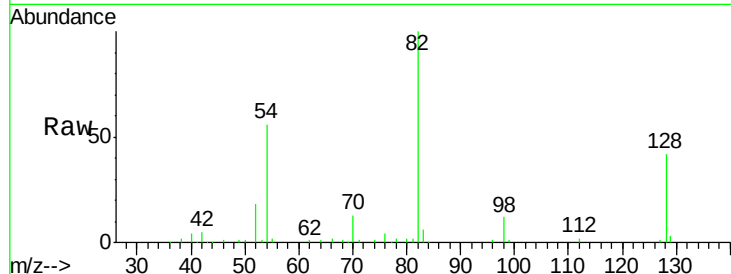




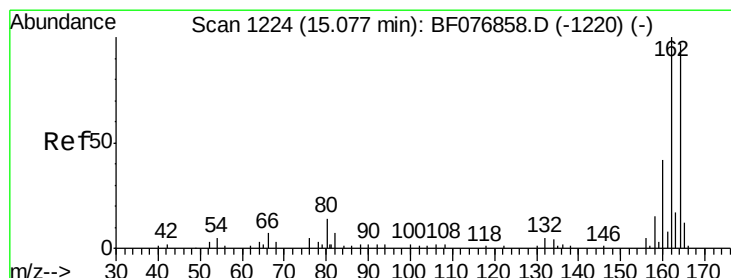
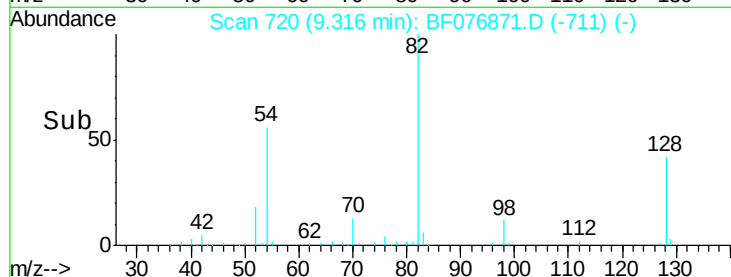
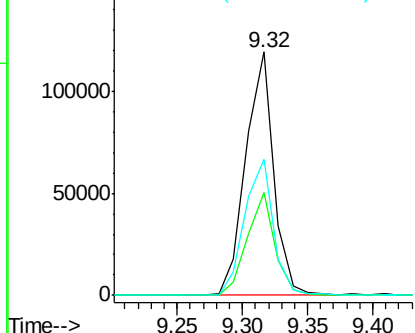
#23
 Nitrobenzene-d5
 Concen: 76.35 ng
 RT: 9.32 min Scan# 720
 Delta R.T. -0.00 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81324BL

Tot Ion: 82 Resp: 178731
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.1 49.7
 54 56.0 48.3 72.5

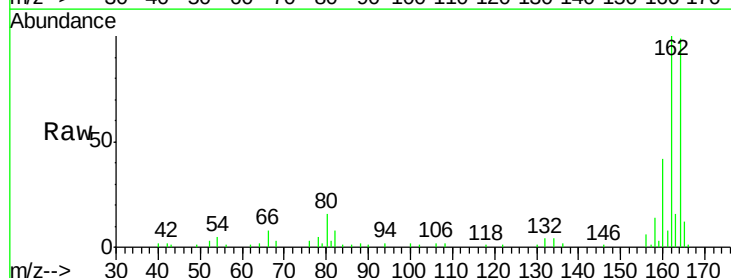


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

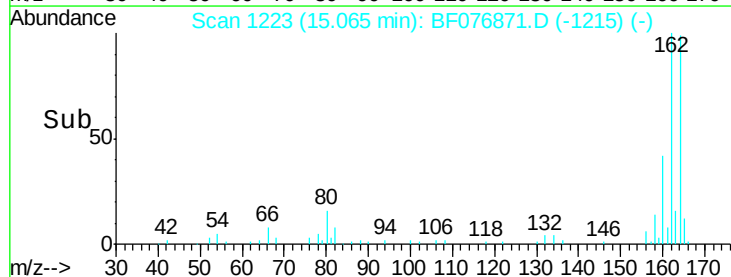
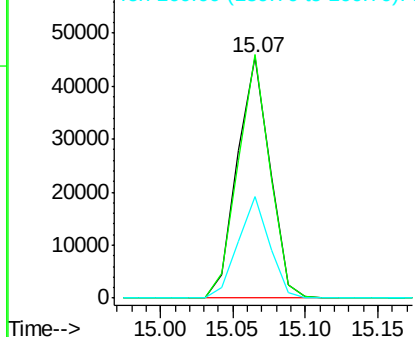


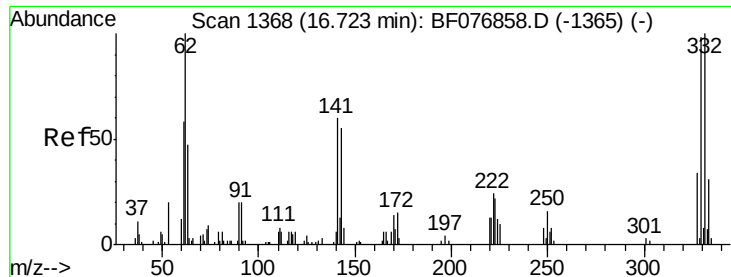
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Tgt Ion: 164 Resp: 70794
 Ion Ratio Lower Upper
 164 100
 162 101.3 82.4 123.6
 160 42.2 34.8 52.2



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

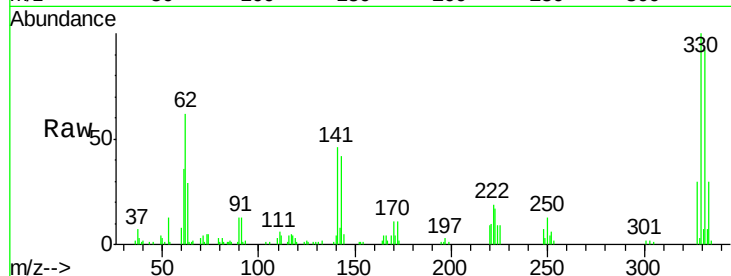




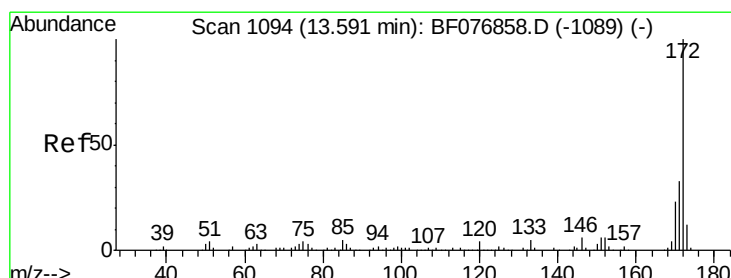
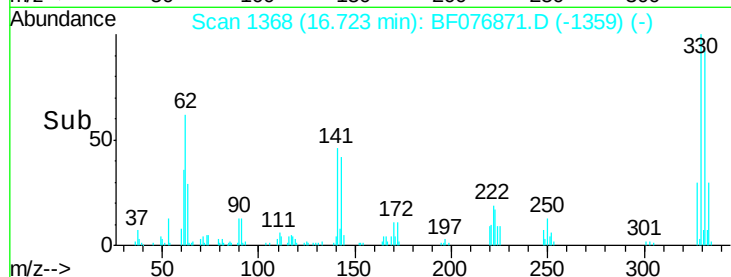
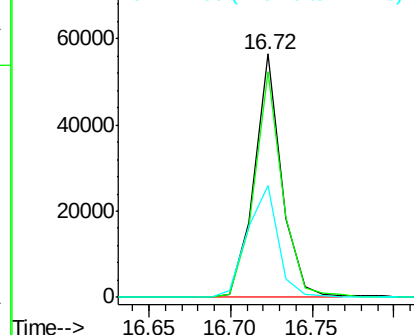
#41
 2,4,6-Tribromophenol
 Concen: 115.20 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Instrument :
 BNA_F
 ClientSampleId :
 PB81324BL

Tot Ion:330 Resp: 66200
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.8 116.6
 141 50.8 38.5 57.7

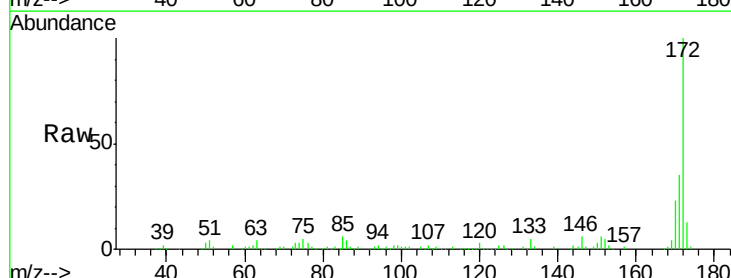


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

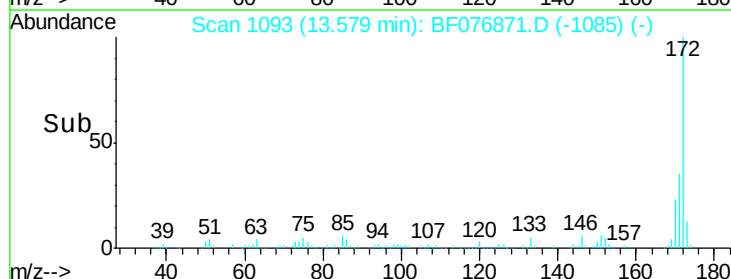
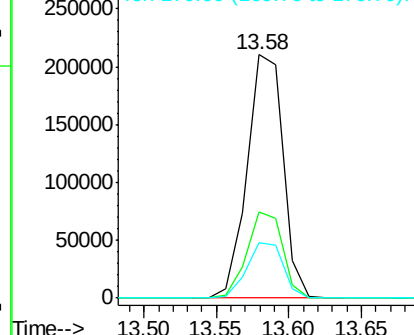


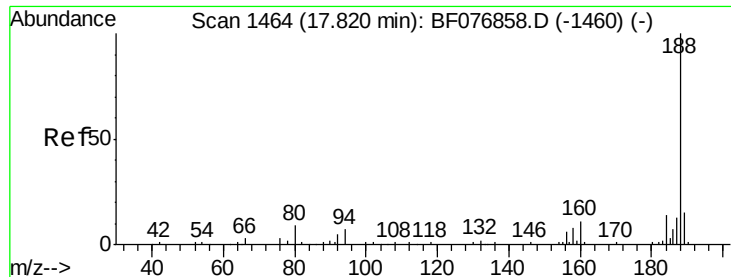
#44
 2-Fluorobiphenyl
 Concen: 78.14 ng
 RT: 13.58 min Scan# 1093
 Delta R.T. -0.01 min
 Lab File: BF076871.D
 Acq: 14 Jan 2015 21:45

Tgt Ion:172 Resp: 363526
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 22.6 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

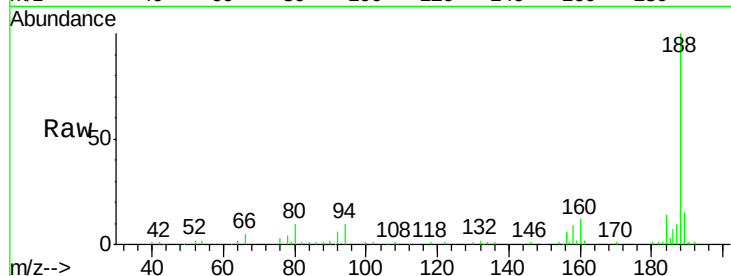




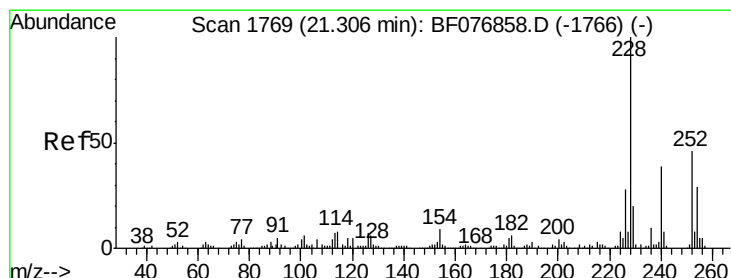
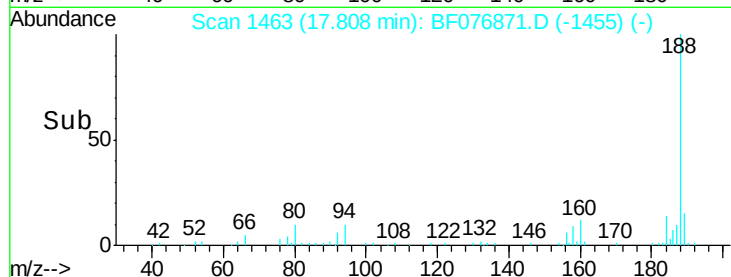
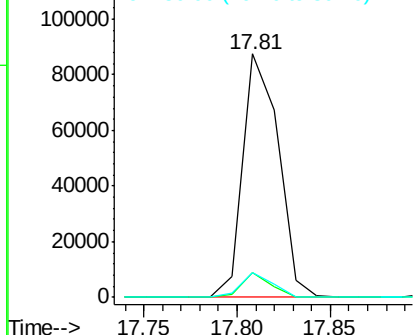
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Instrument :
BNA_F
ClientSampleId :
PB81324BL

Tot Ion:188 Resp: 115844
Ion Ratio Lower Upper
188 100
94 10.0 6.0 9.0#
80 10.1 6.9 10.3

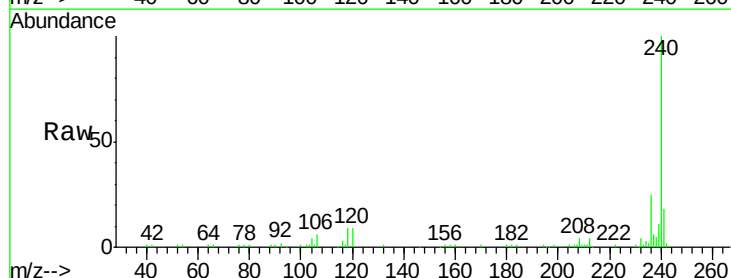


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

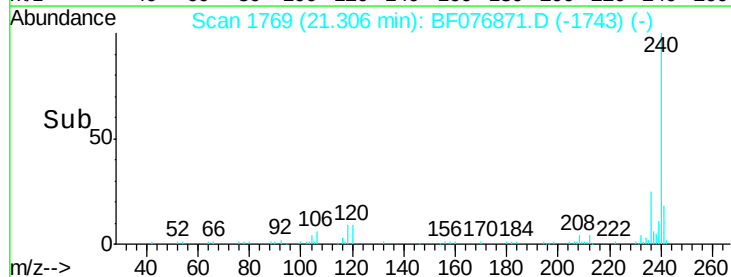
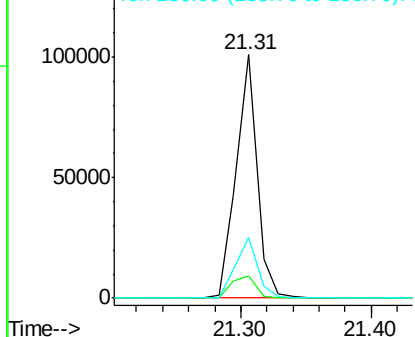


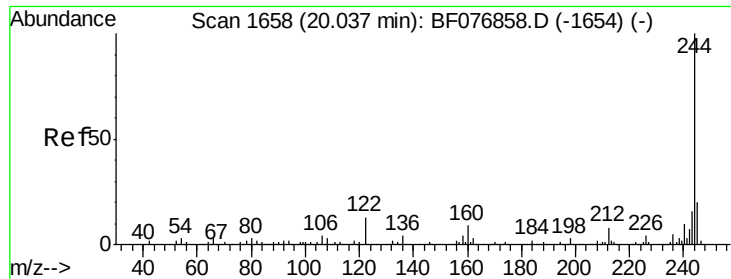
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF076871.D
Acq: 14 Jan 2015 21:45

Tgt Ion:240 Resp: 112249
Ion Ratio Lower Upper
240 100
120 9.1 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: 76.94 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

Instrument :

BNA_F

ClientSampleId :

PB81324BL

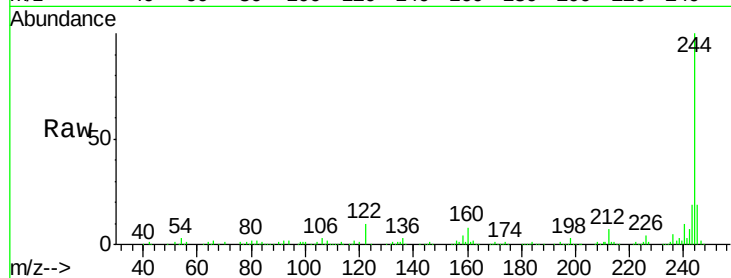
Tot Ion:244 Resp: 375139

Ion Ratio Lower Upper

244 100

212 7.5 6.3 9.5

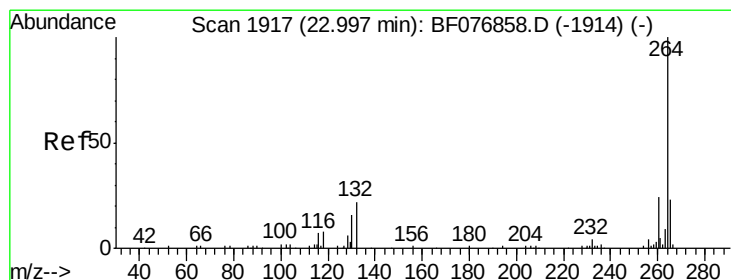
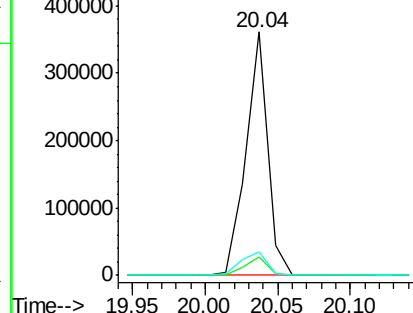
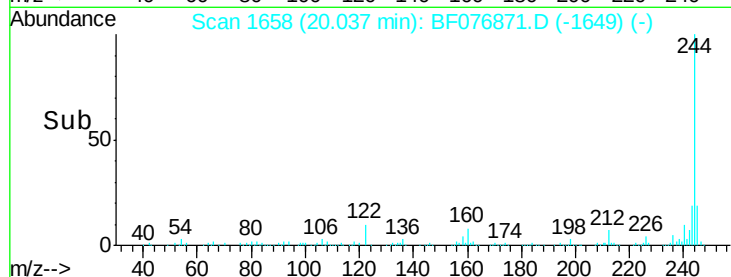
122 9.8 10.1 15.1#



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: 22.94 min Scan# 1912

Delta R.T. -0.06 min

Lab File: BF076871.D

Acq: 14 Jan 2015 21:45

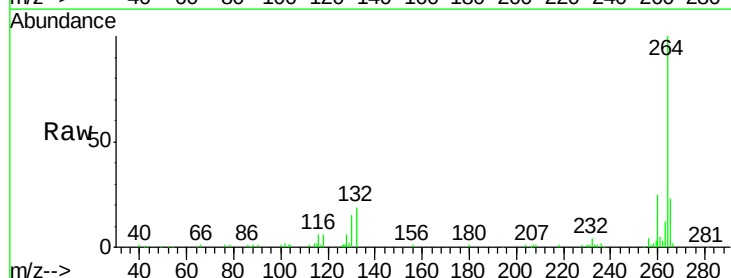
Tgt Ion:264 Resp: 101506

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 22.5 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

