

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076928.D
 Acq On : 19 Jan 2015 14:13
 Operator : IZ / TP
 Sample : G1101-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:32:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 19 23:54:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	29931	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	130517	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	69433	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	116937	20.00	ng	0.00
75) Chrysene-d12	21.27	240	111969	20.00	ng	0.00
86) Perylene-d12	22.91	264	102014	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	113698	62.46	ng	0.00
7) Phenol-d6	7.36	99	81385	35.44	ng	-0.01
23) Nitrobenzene-d5	9.27	82	214577	91.08	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	67479	119.73	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	435348	95.42	ng	0.00
78) Terphenyl-d14	20.00	244	386939	79.56	ng	0.00

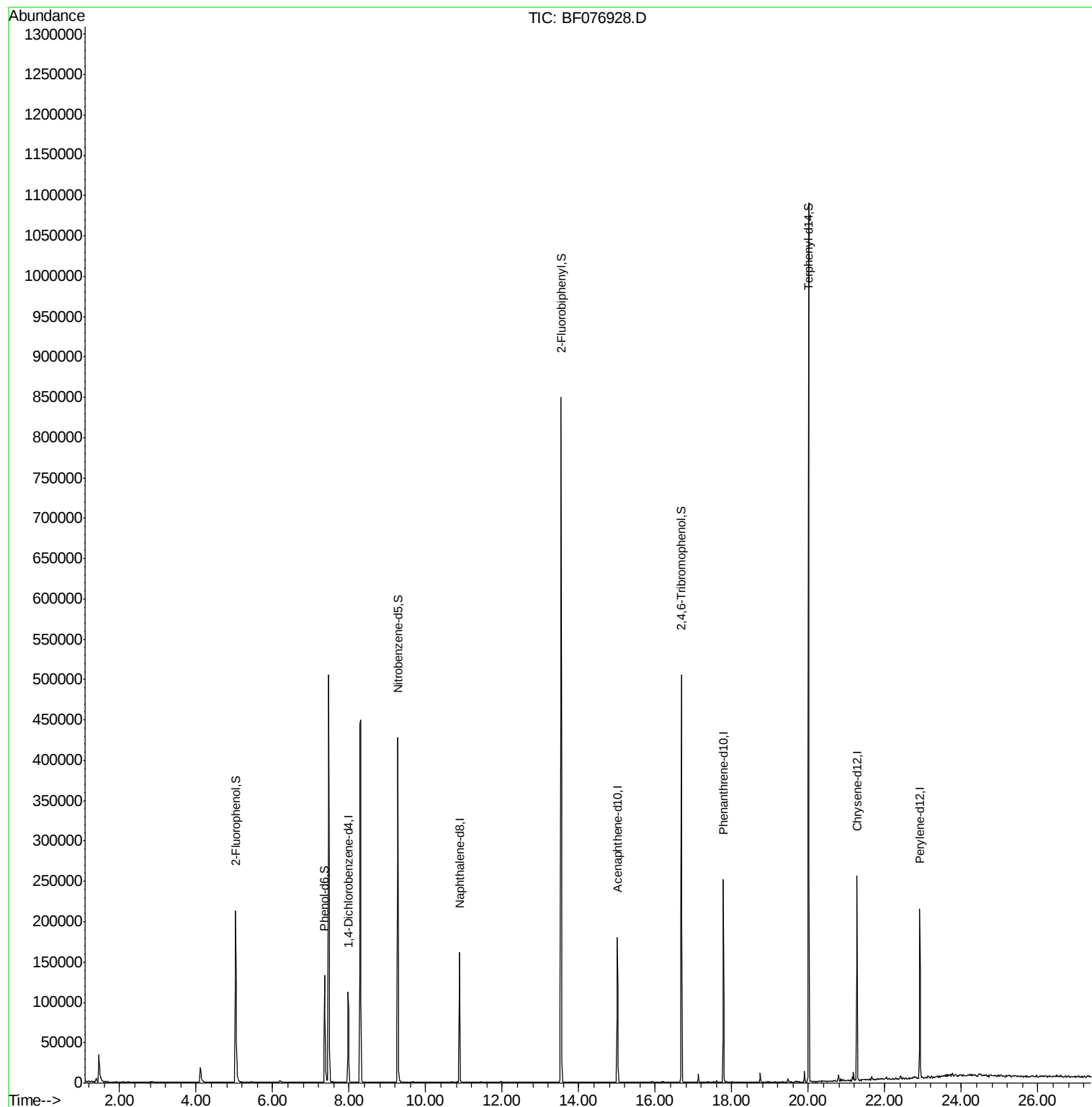
Target Compounds Qvalue

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

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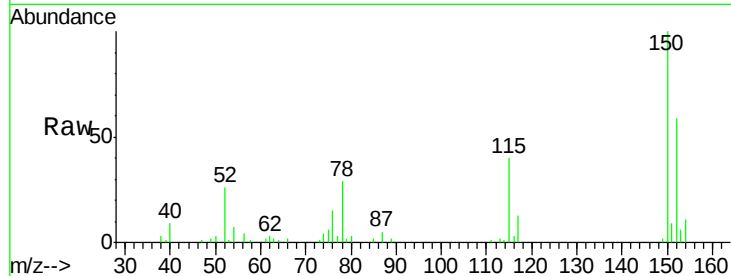


#1

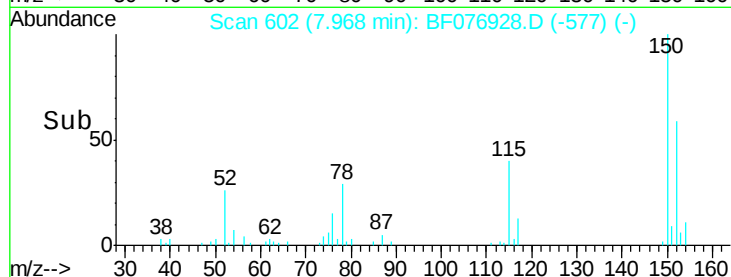
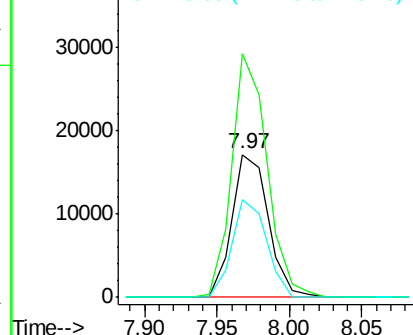
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 29931
Ion Ratio Lower Upper
152 100
150 170.8 121.7 182.5
115 68.7 47.0 70.6



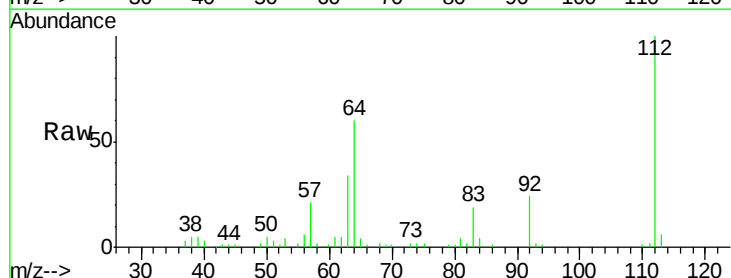
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



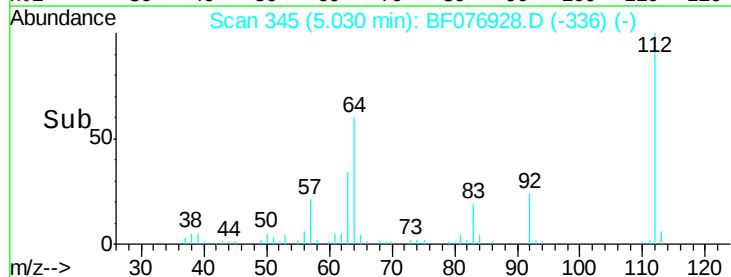
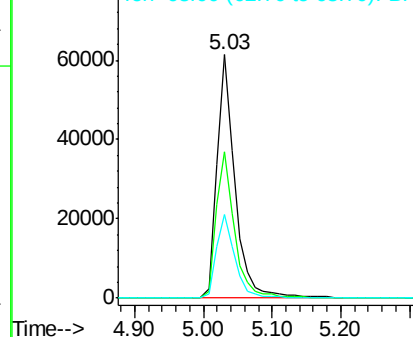
#5

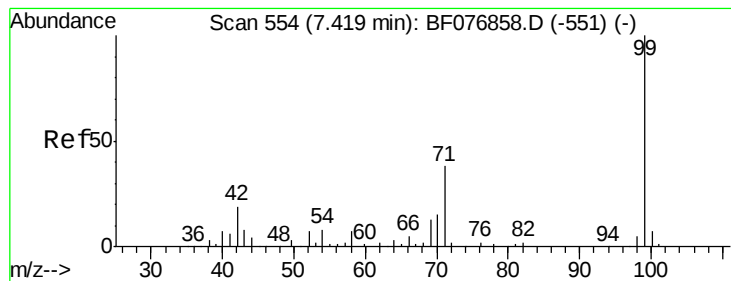
2-Fluorophenol
Concen: 62.46 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Tgt Ion:112 Resp: 113698
Ion Ratio Lower Upper
112 100
64 60.0 54.2 81.4
63 34.1 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: 35.44 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076928.D

Acq: 19 Jan 2015 14:13

Instrument :

BNA_F

ClientSampleId :

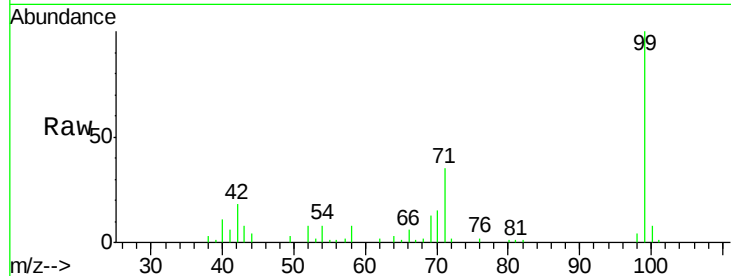
Tot Ion: 99 Resp: 81385

Ion Ratio Lower Upper

99 100

42 17.6 15.0 22.4

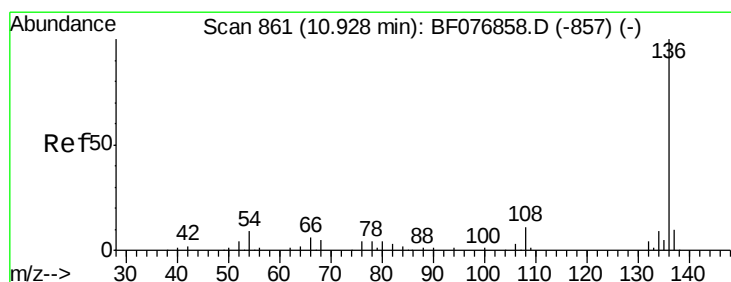
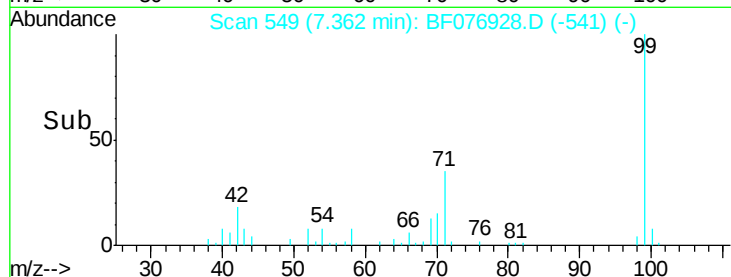
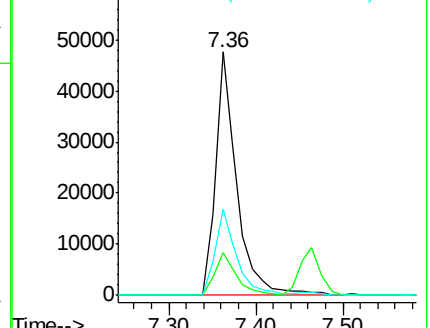
71 35.5 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF076928.D

Acq: 19 Jan 2015 14:13

Tgt Ion: 136 Resp: 130517

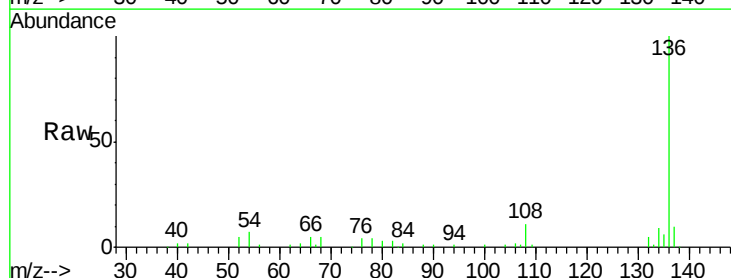
Ion Ratio Lower Upper

136 100

137 10.0 8.1 12.1

54 6.7 7.0 10.4

68 4.6 3.7 5.5

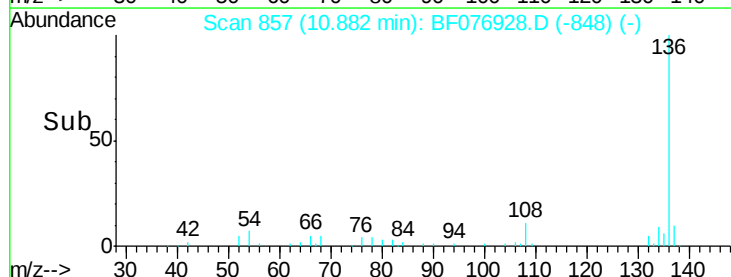
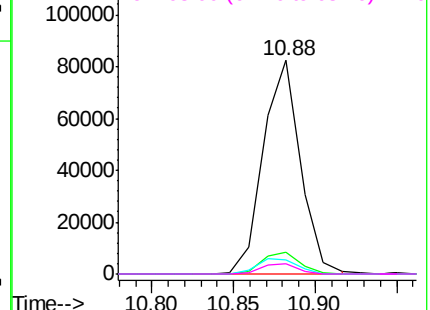


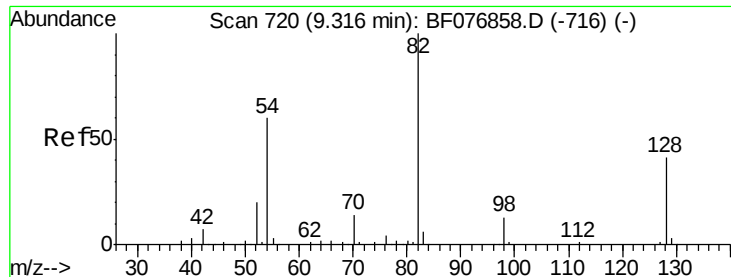
Abundance Ion 136.00 (135.70 to 136.70): BF076858.D (-857) (-)

Ion 137.00 (136.70 to 137.70): BF076858.D (-857) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-857) (-)

Ion 68.00 (67.70 to 68.70): BF076858.D (-857) (-)

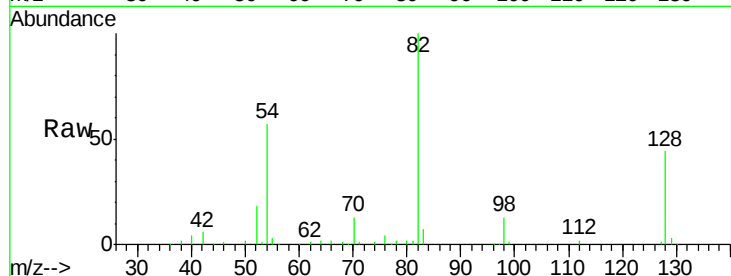




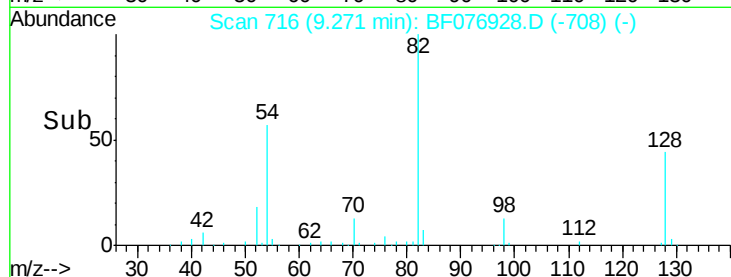
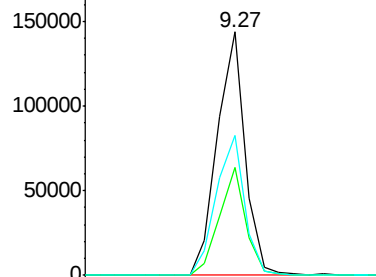
#23
Nitrobenzene-d5
Concen: 91.08 ng
RT: 9.27 min Scan# 716
Delta R.T. -0.01 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 214577
Ion Ratio Lower Upper
82 100
128 44.3 33.1 49.7
54 57.4 48.3 72.5

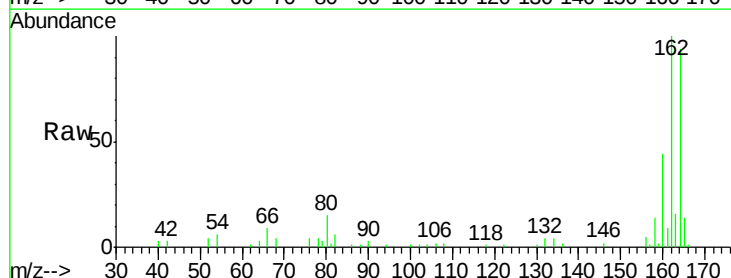


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

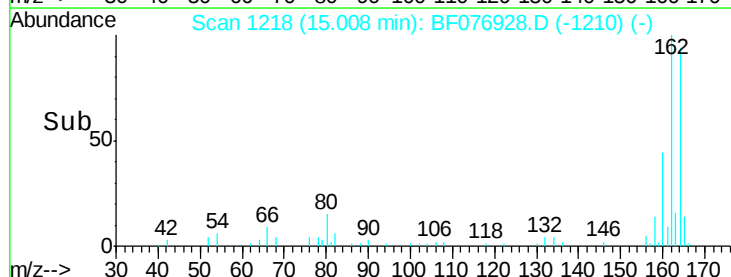
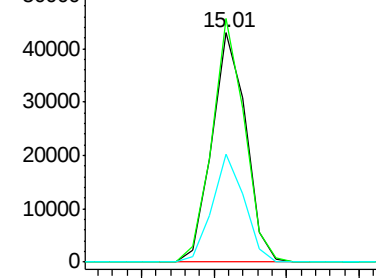


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Tgt Ion: 164 Resp: 69433
Ion Ratio Lower Upper
164 100
162 106.3 82.4 123.6
160 46.9 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

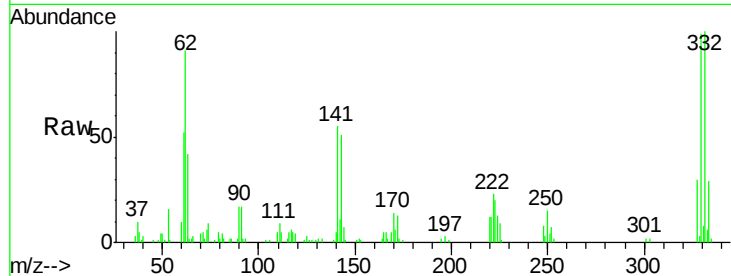




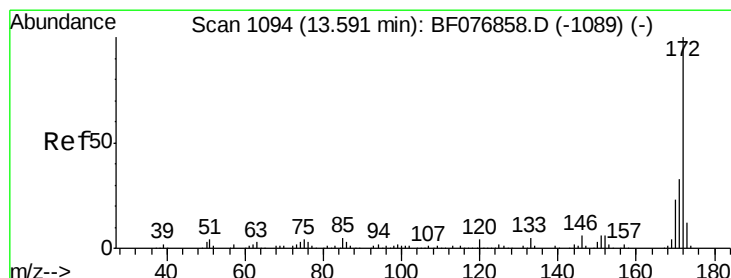
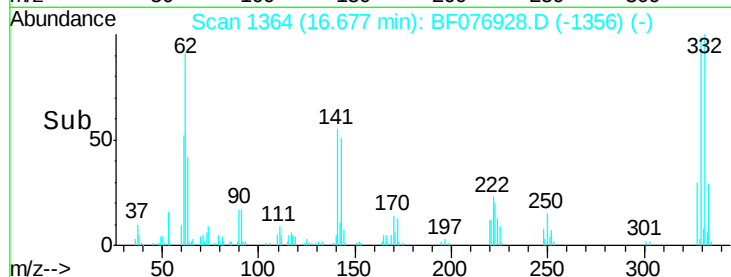
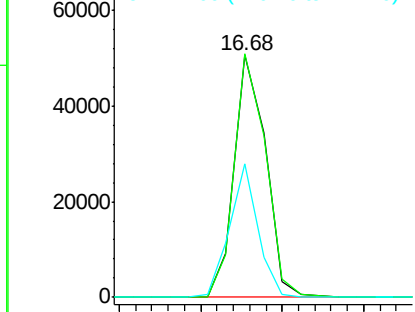
#41
 2,4,6-Tribromophenol
 Concen: 119.73 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076928.D
 Acq: 19 Jan 2015 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 67479
 Ion Ratio Lower Upper
 330 100
 332 100.1 77.8 116.6
 141 49.8 38.5 57.7

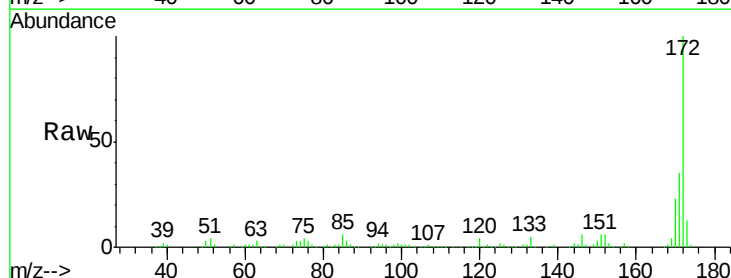


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

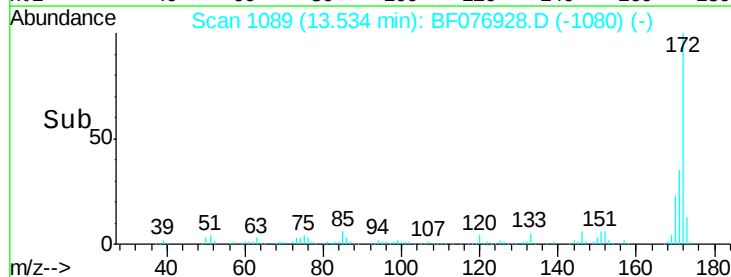
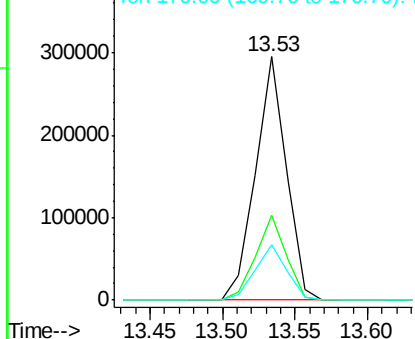


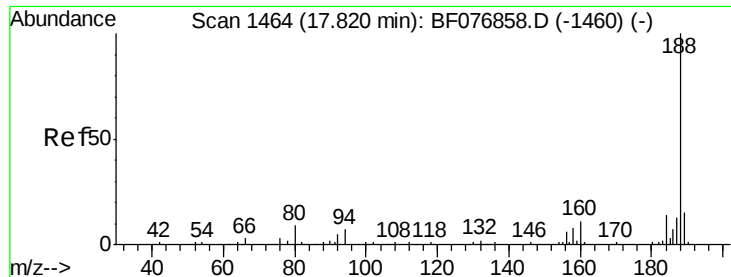
#44
 2-Fluorobiphenyl
 Concen: 95.42 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076928.D
 Acq: 19 Jan 2015 14:13

Tgt Ion:172 Resp: 435348
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 22.5 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

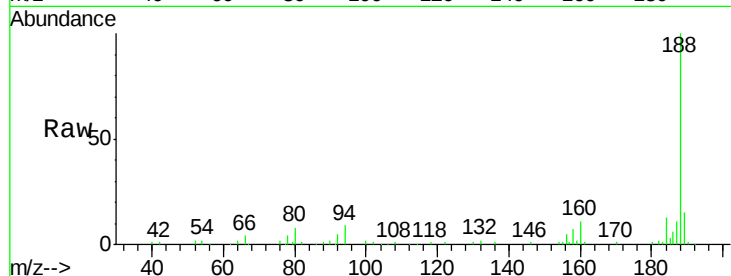




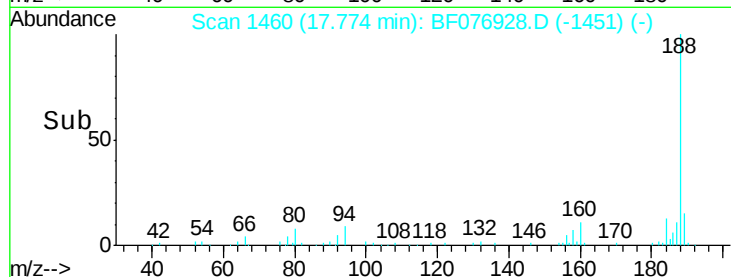
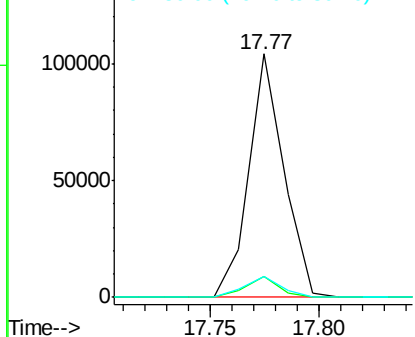
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 116937
Ion Ratio Lower Upper
188 100
94 8.8 6.0 9.0
80 8.4 6.9 10.3

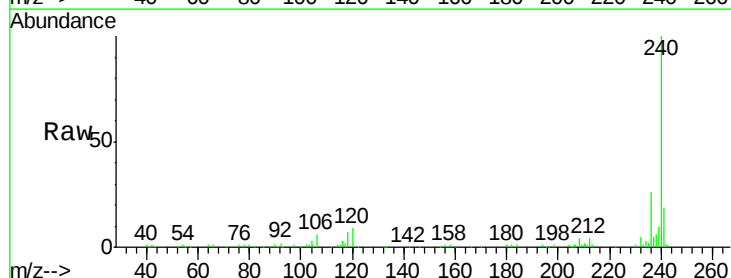


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

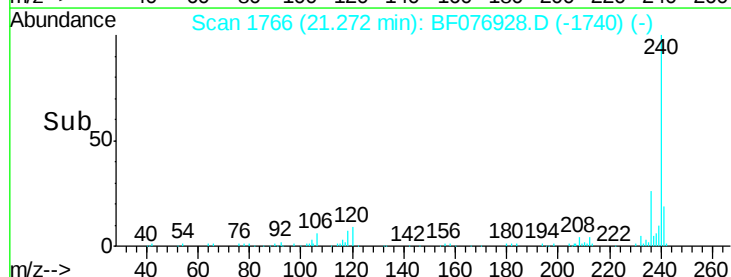
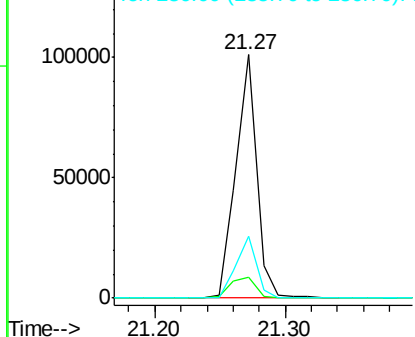


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. -0.00 min
Lab File: BF076928.D
Acq: 19 Jan 2015 14:13

Tgt Ion:240 Resp: 111969
Ion Ratio Lower Upper
240 100
120 8.8 10.4 15.6#
236 25.5 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: 79.56 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076928.D

Acq: 19 Jan 2015 14:13

Instrument :

BNA_F

ClientSampleId :

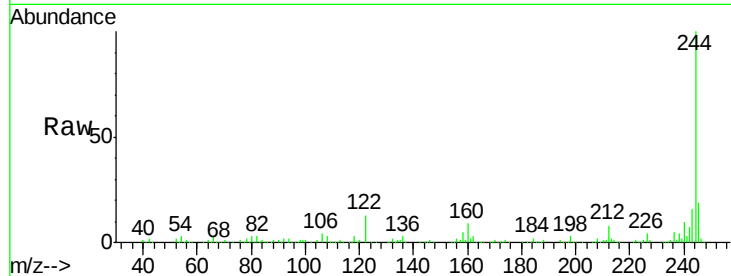
Tot Ion:244 Resp: 386939

Ion Ratio Lower Upper

244 100

212 7.7 6.3 9.5

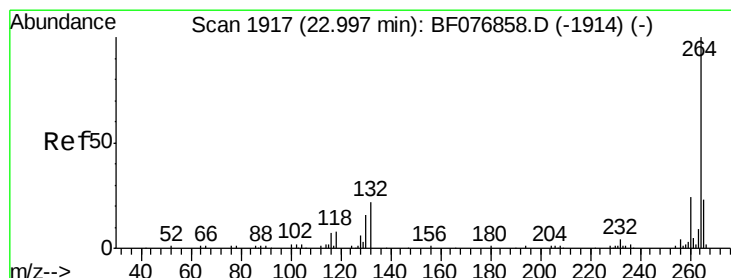
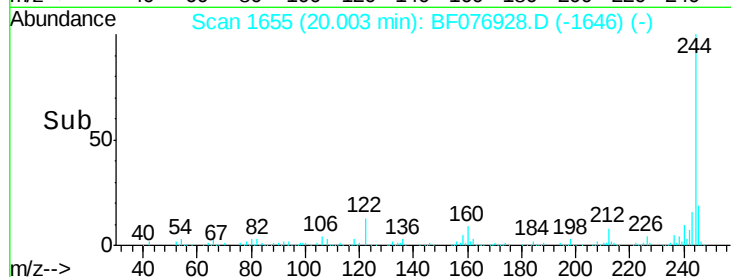
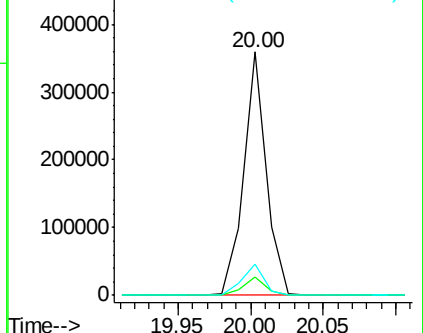
122 12.7 10.1 15.1



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: 22.91 min Scan# 1909

Delta R.T. -0.03 min

Lab File: BF076928.D

Acq: 19 Jan 2015 14:13

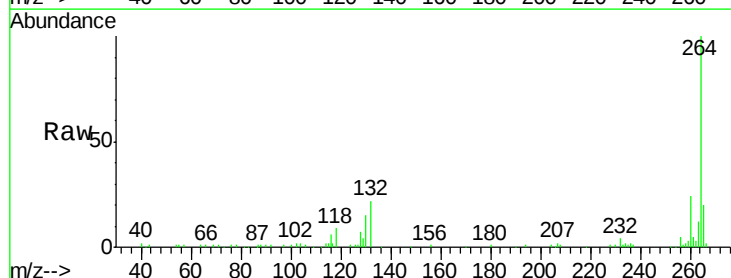
Tgt Ion:264 Resp: 102014

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 20.1 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

