

Data Path : Z:\HPCHEM1\BNA F\Data\BF011915\
 Data File : BF076925.D
 Acq On : 19 Jan 2015 12:29
 Operator : IZ / TP
 Sample : G1101-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 20 00:15:51 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	7.98	152	33061	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	141034	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	76648	20.00	ng	-0.01
63) Phenanthrene-d10	17.77	188	128683	20.00	ng	0.00
75) Chrysene-d12	21.27	240	121438	20.00	ng	0.00
86) Perylene-d12	22.95	264	105171	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	129671	64.49	ng	0.00
7) Phenol-d6	7.36	99	100497	39.62	ng	-0.01
23) Nitrobenzene-d5	9.27	82	216081	84.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.68	330	83008	133.42	ng	-0.01
44) 2-Fluorobiphenyl	13.53	172	451132	89.57	ng	0.00
78) Terphenyl-d14	20.00	244	433479	82.18	ng	0.00

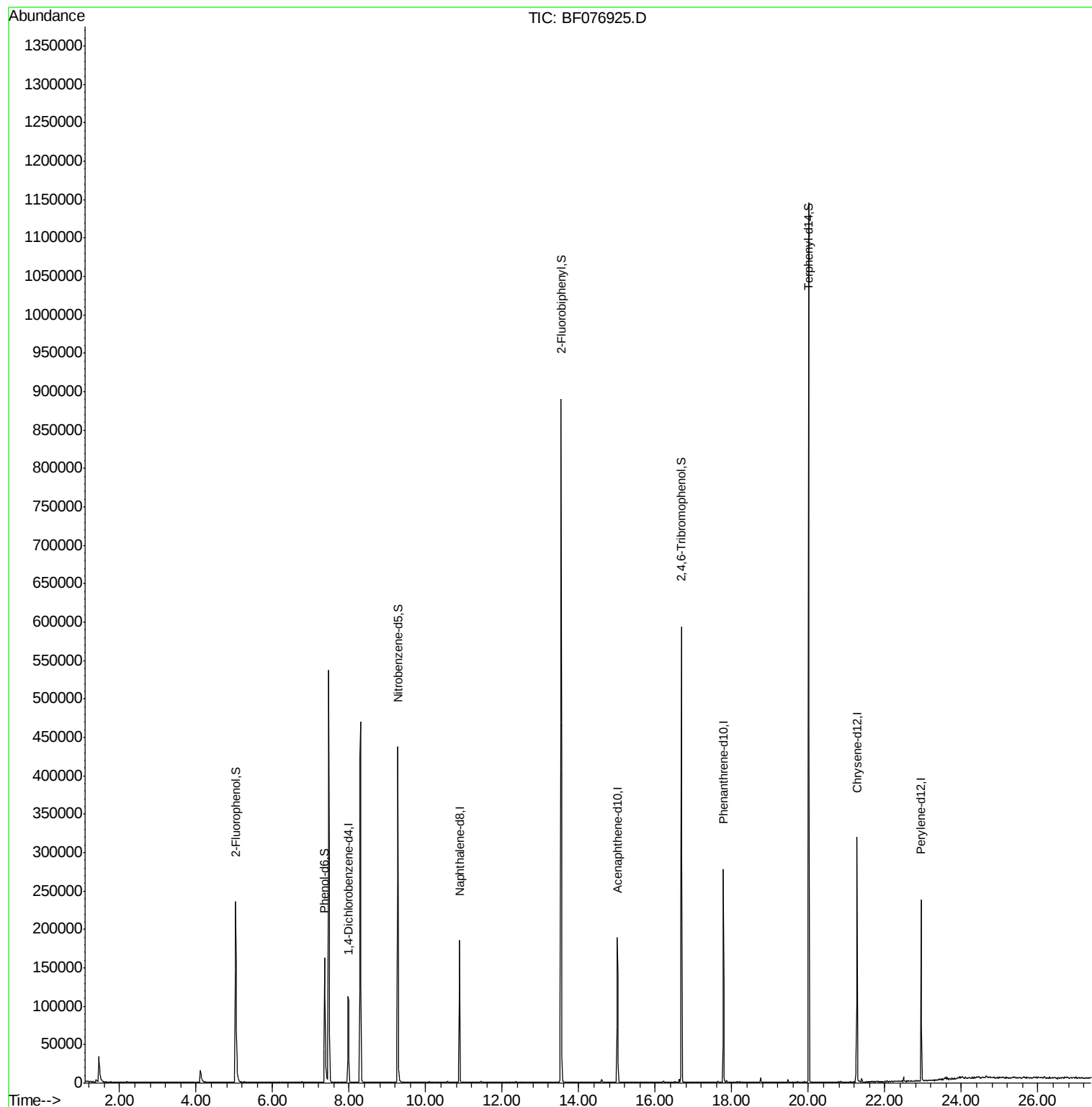
Target Compounds Qvalue

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

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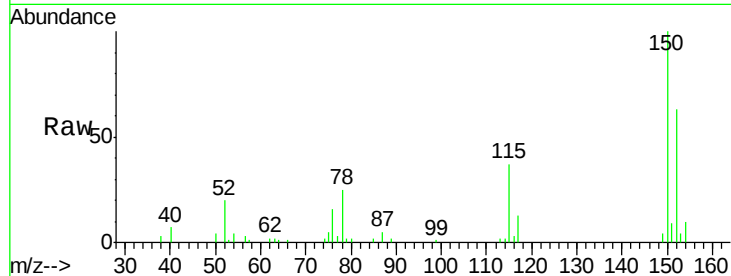


#1

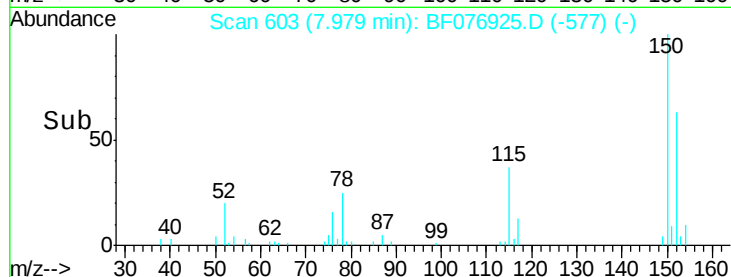
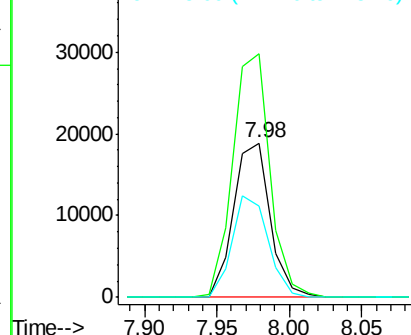
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. -0.00 min
Lab File: BF076925.D
Acq: 19 Jan 2015 12:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 33061
Ion Ratio Lower Upper
152 100
150 157.7 121.7 182.5
115 59.0 47.0 70.6



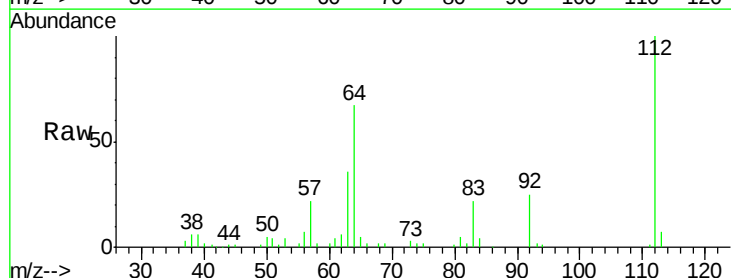
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



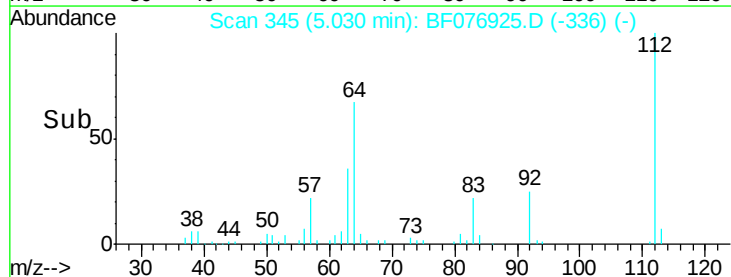
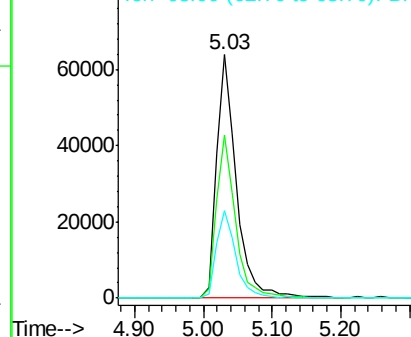
#5

2-Fluorophenol
Concen: 64.49 ng
RT: 5.03 min Scan# 345
Delta R.T. -0.00 min
Lab File: BF076925.D
Acq: 19 Jan 2015 12:29

Tgt Ion:112 Resp: 129671
Ion Ratio Lower Upper
112 100
64 66.9 54.2 81.4
63 35.8 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: 39.62 ng

RT: 7.36 min Scan# 549

Delta R.T. -0.01 min

Lab File: BF076925.D

Acq: 19 Jan 2015 12:29

Instrument :

BNA_F

ClientSampleId :

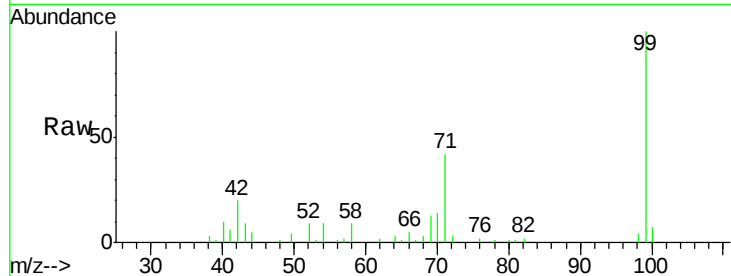
Tot Ion: 99 Resp: 100497

Ion Ratio Lower Upper

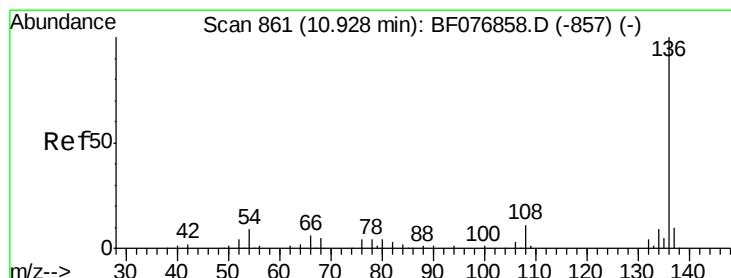
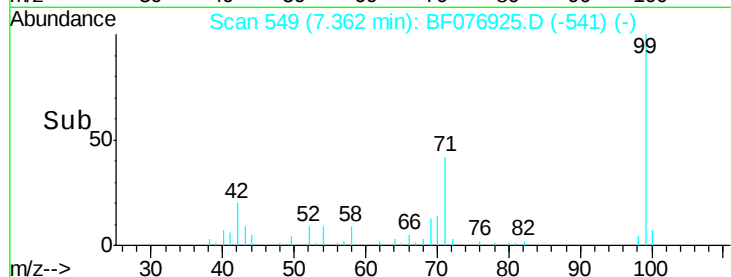
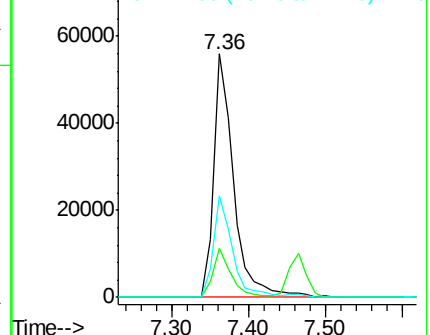
99 100

42 20.2 15.0 22.4

71 41.9 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: BF076925.D

Acq: 19 Jan 2015 12:29

Tgt Ion: 136 Resp: 141034

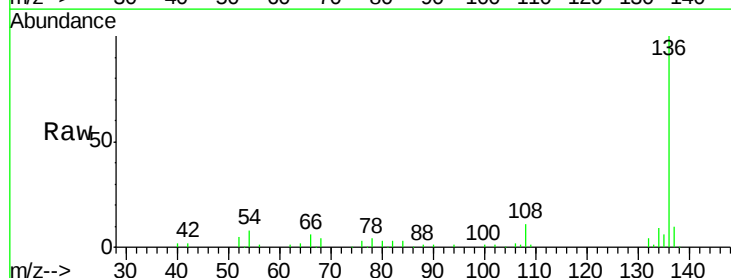
Ion Ratio Lower Upper

136 100

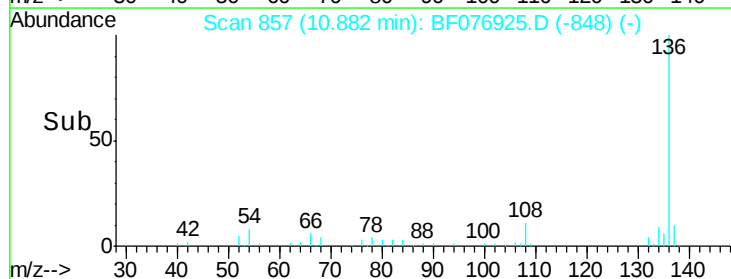
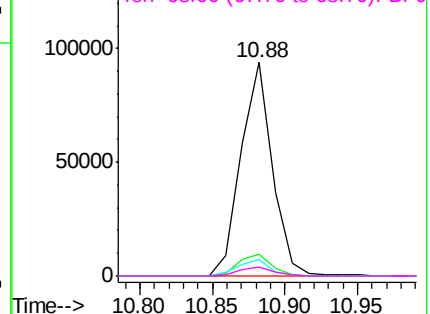
137 9.9 8.1 12.1

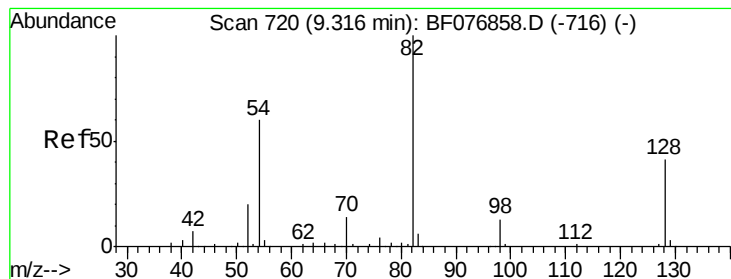
54 7.7 7.0 10.4

68 4.4 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: 84.88 ng

RT: 9.27 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF076925.D

Acq: 19 Jan 2015 12:29

Instrument :

BNA_F

ClientSampleId :

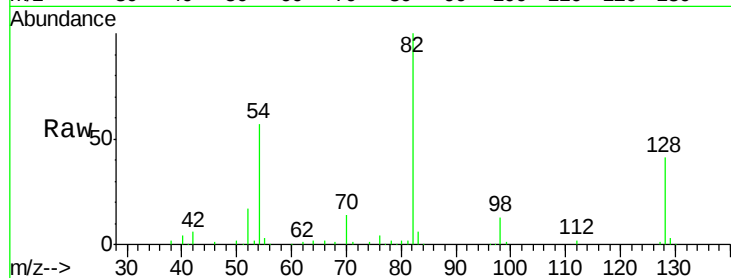
Tot Ion: 82 Resp: 216081

Ion Ratio Lower Upper

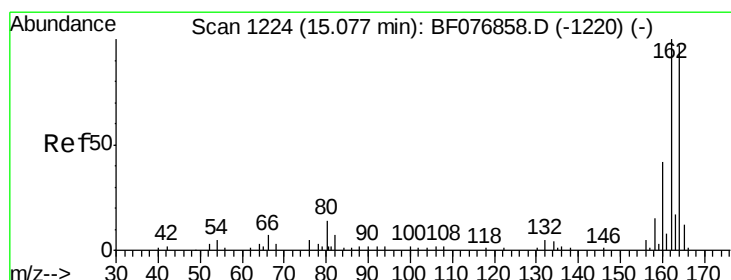
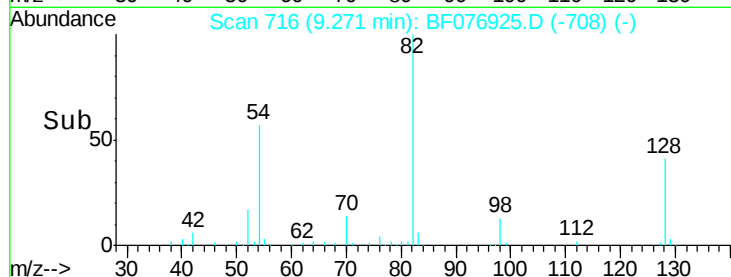
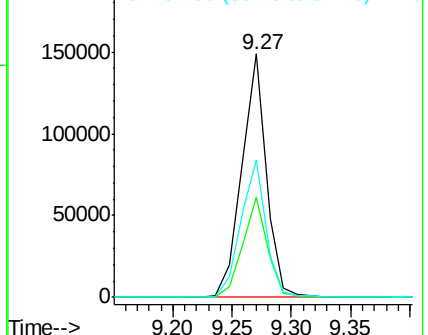
82 100

128 41.4 33.1 49.7

54 56.6 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): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF076925.D

Acq: 19 Jan 2015 12:29

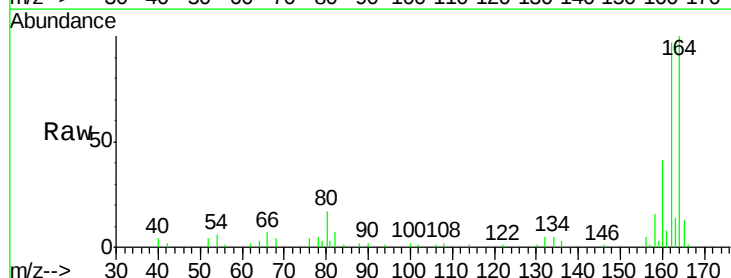
Tgt Ion:164 Resp: 76648

Ion Ratio Lower Upper

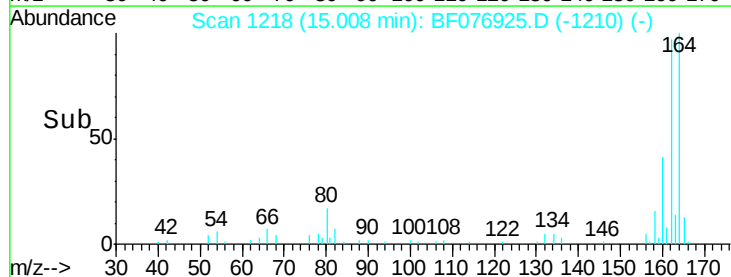
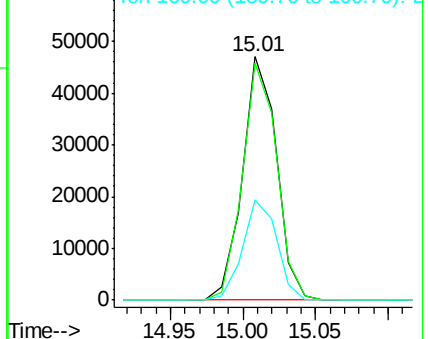
164 100

162 97.3 82.4 123.6

160 41.3 34.8 52.2



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

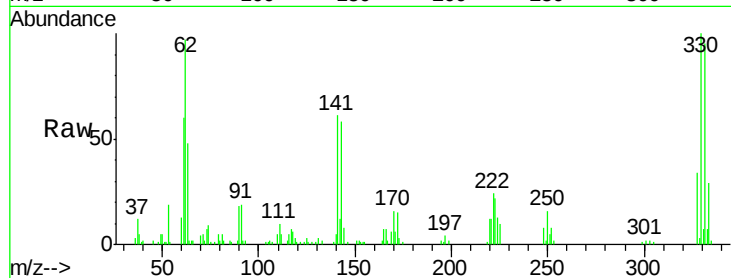




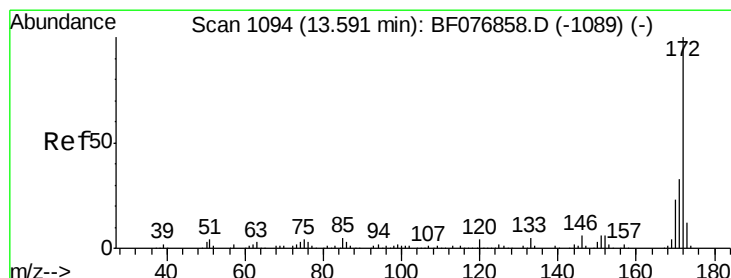
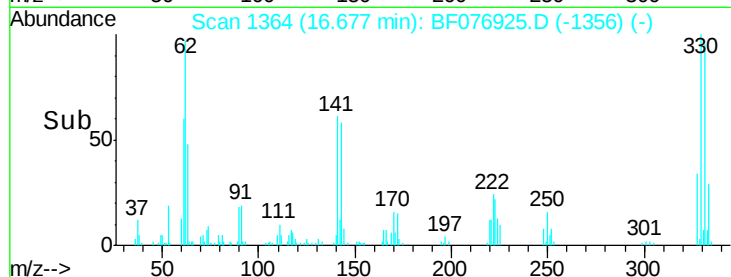
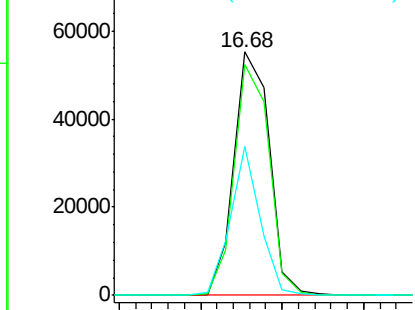
#41
 2,4,6-Tribromophenol
 Concen: 133.42 ng
 RT: 16.68 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: BF076925.D
 Acq: 19 Jan 2015 12:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 83008
 Ion Ratio Lower Upper
 330 100
 332 93.1 77.8 116.6
 141 51.0 38.5 57.7

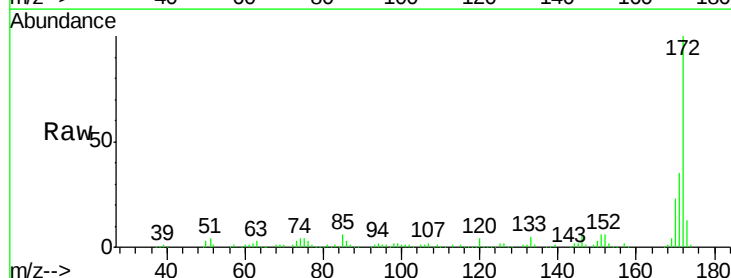


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

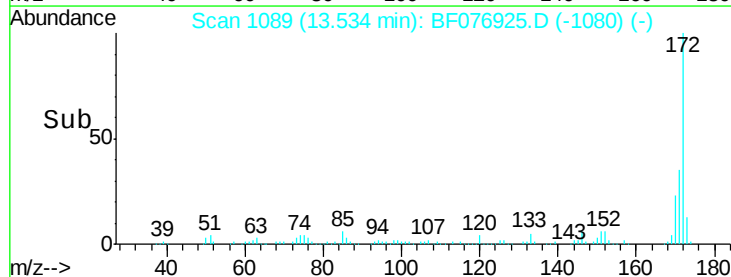
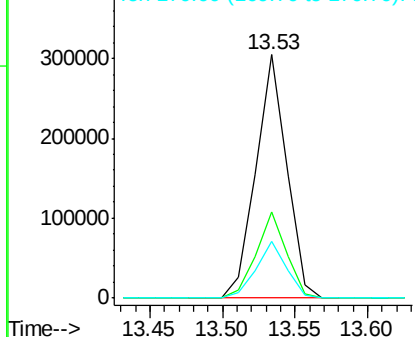


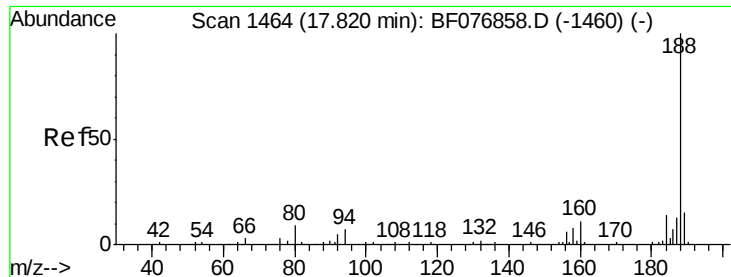
#44
 2-Fluorobiphenyl
 Concen: 89.57 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.00 min
 Lab File: BF076925.D
 Acq: 19 Jan 2015 12:29

Tgt Ion:172 Resp: 451132
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.6 40.0
 170 23.2 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: BF076925.D

Acq: 19 Jan 2015 12:29

Instrument :

BNA_F

ClientSampled :

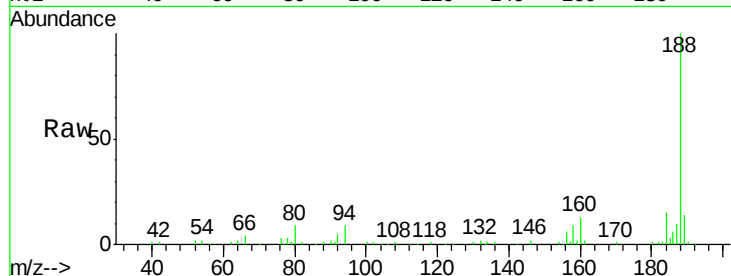
Tot Ion:188 Resp: 128683

Ion Ratio Lower Upper

188 100

94 9.3 6.0 9.0#

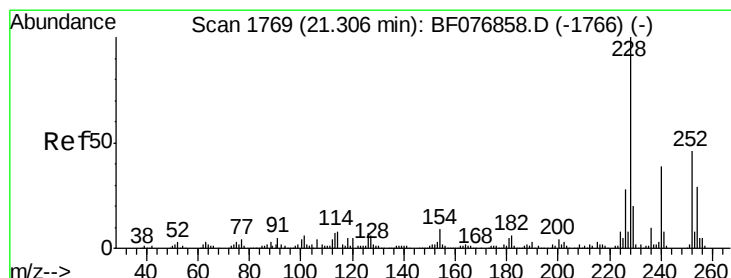
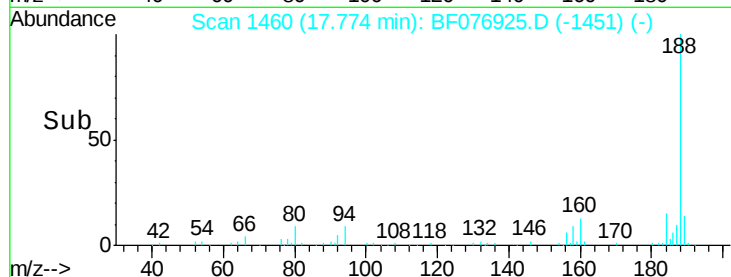
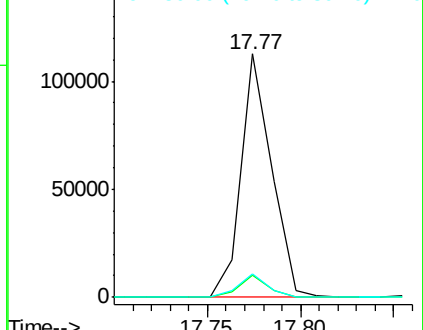
80 9.4 6.9 10.3



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: BF076925.D

Acq: 19 Jan 2015 12:29

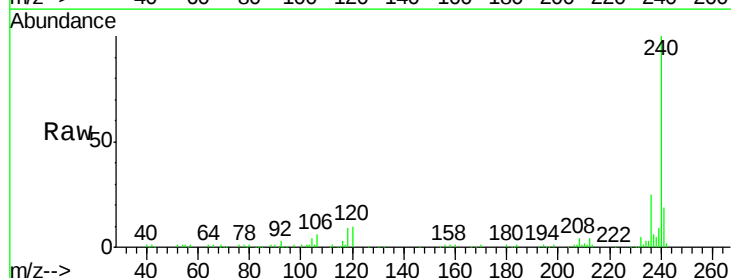
Tgt Ion:240 Resp: 121438

Ion Ratio Lower Upper

240 100

120 9.6 10.4 15.6#

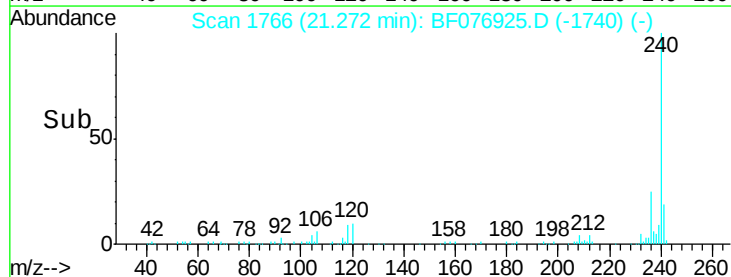
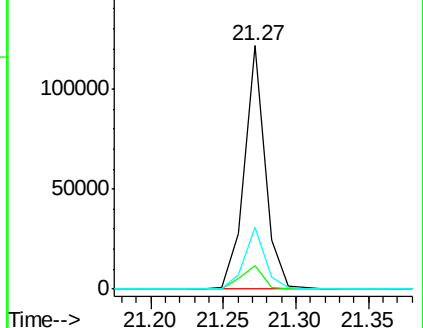
236 25.3 20.2 30.2



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: 82.18 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF076925.D

Acq: 19 Jan 2015 12:29

Instrument :

BNA_F

ClientSampleId :

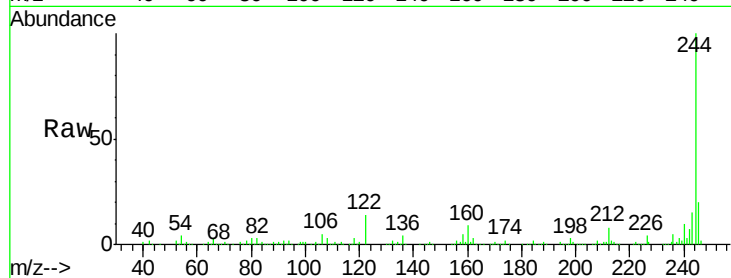
Tot Ion:244 Resp: 433479

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

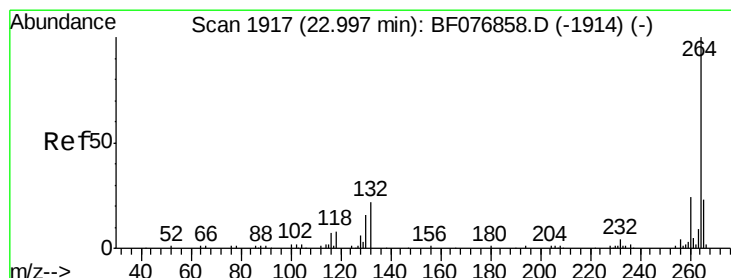
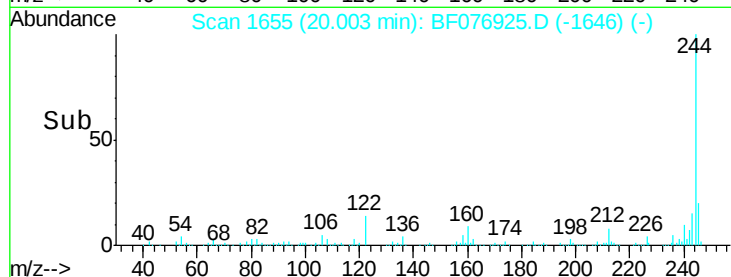
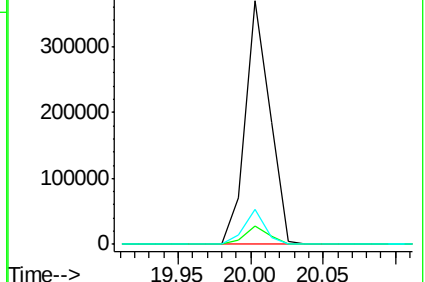
122 14.4 10.1 15.1



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. 0.01 min

Lab File: BF076925.D

Acq: 19 Jan 2015 12:29

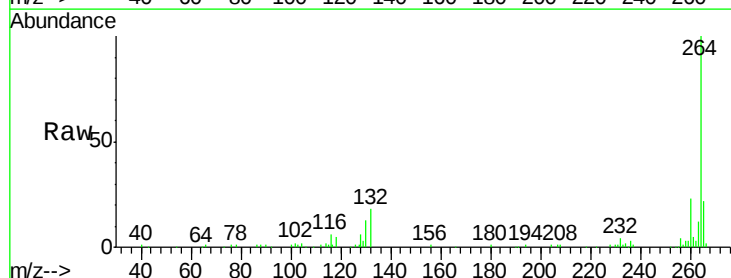
Tgt Ion:264 Resp: 105171

Ion Ratio Lower Upper

264 100

260 22.6 19.0 28.4

265 21.5 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

