

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076901.D
 Acq On : 16 Jan 2015 2:59
 Operator : IZ / TP
 Sample : G1076-09
 Misc : S
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Jan 16 03:57:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37542	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	155325	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	82350	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	138739	20.00	ng	0.00
75) Chrysene-d12	21.31	240	129054	20.00	ng	0.00
86) Perylene-d12	22.96	264	126160	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	213826	93.65	ng	0.01
7) Phenol-d6	7.42	99	248311	86.21	ng	0.00
23) Nitrobenzene-d5	9.32	82	183351	65.40	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	66274	99.14	ng	0.00
44) 2-Fluorobiphenyl	13.59	172	375059	69.31	ng	0.00
78) Terphenyl-d14	20.04	244	361551	64.50	ng	0.00

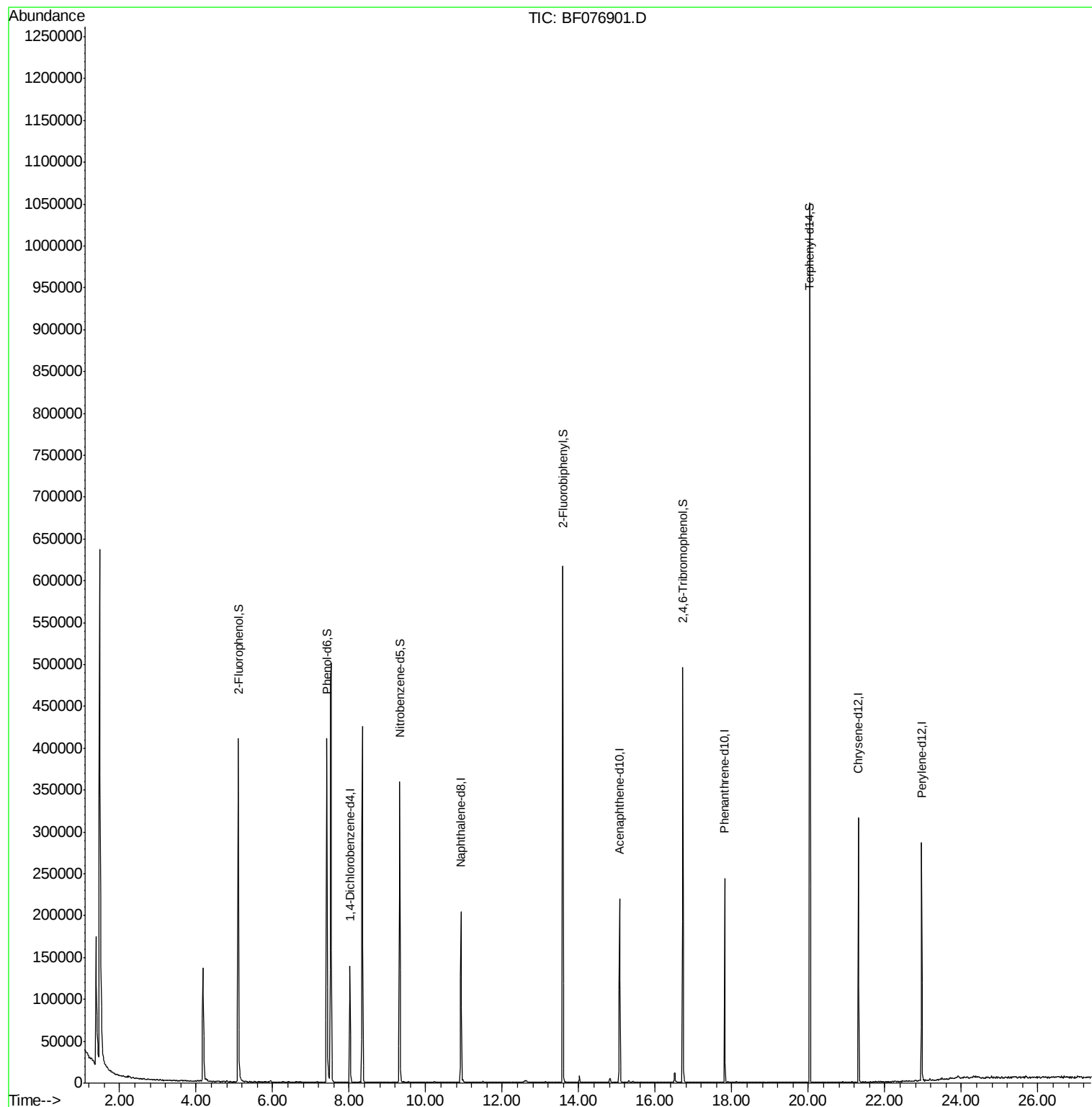
Target Compounds Qvalue

(#) = 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: BF076901.D

Acq: 16 Jan 2015 2:59

Instrument :

BNA_F

ClientSampleId :

SP-2

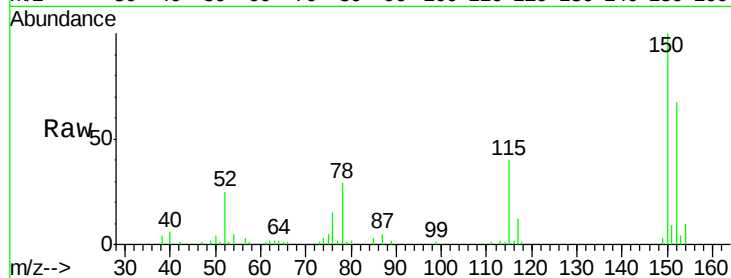
Tot Ion:152 Resp: 37542

Ion Ratio Lower Upper

152 100

150 148.7 121.7 182.5

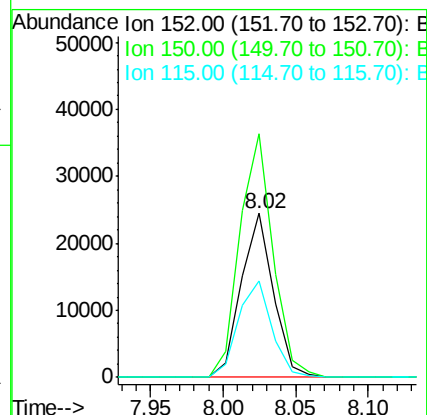
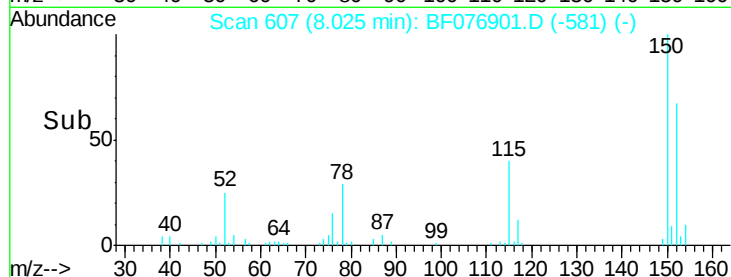
115 59.2 47.0 70.6



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: 93.65 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

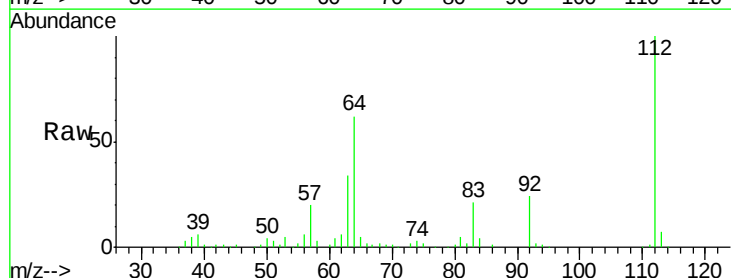
Tgt Ion:112 Resp: 213826

Ion Ratio Lower Upper

112 100

64 62.4 54.2 81.4

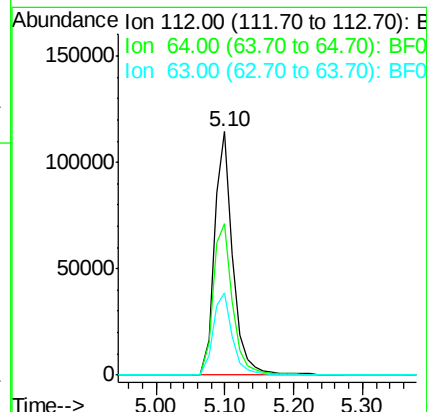
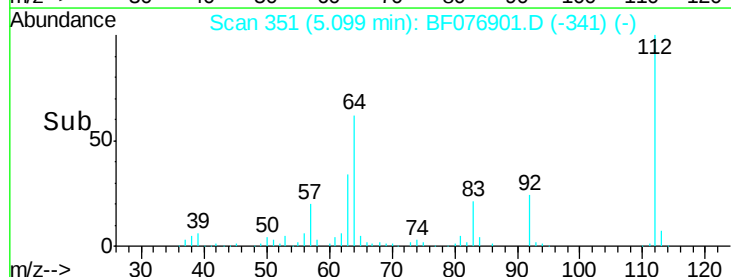
63 34.0 28.4 42.6



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: 86.21 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

Instrument :

BNA_F

ClientSampleId :

SP-2

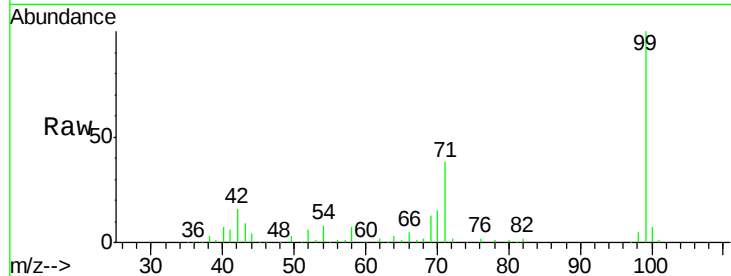
Tot Ion: 99 Resp: 248311

Ion Ratio Lower Upper

99 100

42 16.2 15.0 22.4

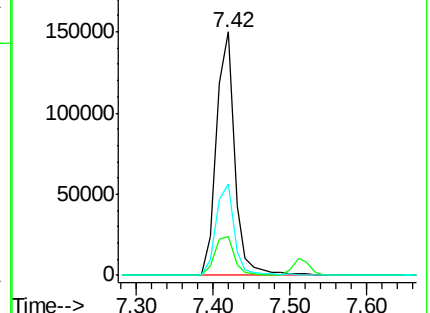
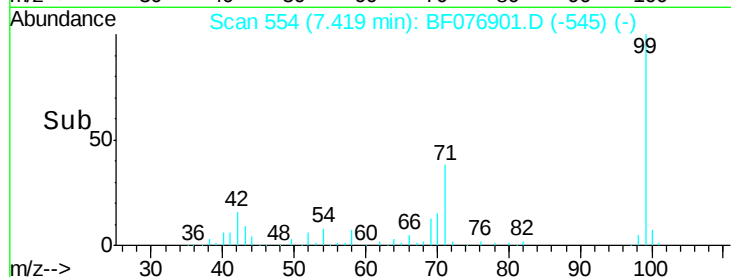
71 37.6 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076901.D (-545) (-)

Ion 42.00 (41.70 to 42.70): BF076901.D (-545) (-)

Ion 71.00 (70.70 to 71.70): BF076901.D (-545) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

Tgt Ion: 136 Resp: 155325

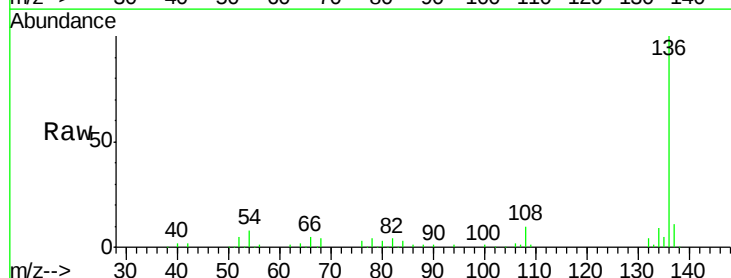
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 7.9 7.0 10.4

68 4.1 3.7 5.5

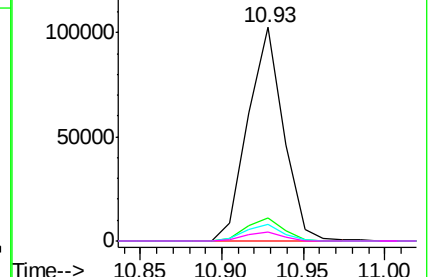
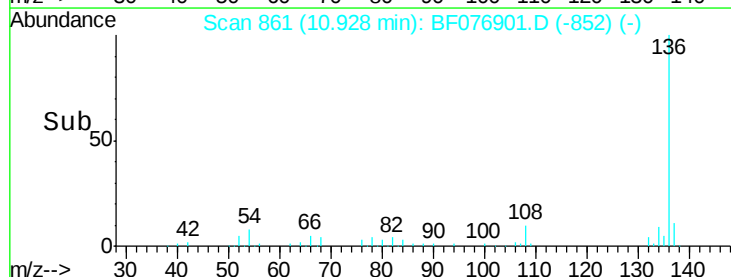


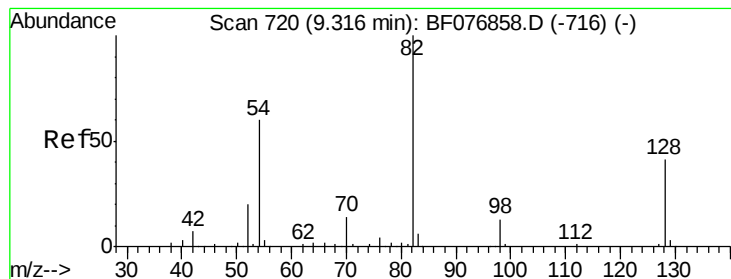
Abundance Ion 136.00 (135.70 to 136.70): BF076901.D (-852) (-)

Ion 137.00 (136.70 to 137.70): BF076901.D (-852) (-)

Ion 54.00 (53.70 to 54.70): BF076901.D (-852) (-)

Ion 68.00 (67.70 to 68.70): BF076901.D (-852) (-)





#23

Nitrobenzene-d5

Concen: 65.40 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

Instrument :

BNA_F

ClientSampleId :

SP-2

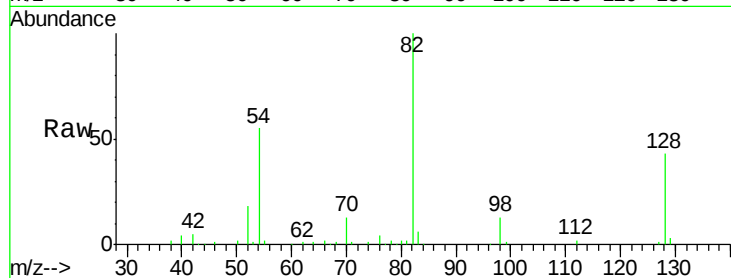
Tot Ion: 82 Resp: 183351

Ion Ratio Lower Upper

82 100

128 43.4 33.1 49.7

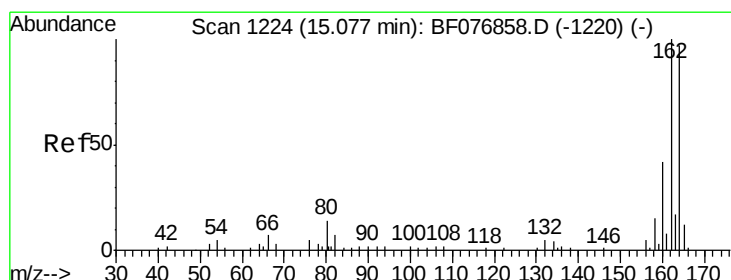
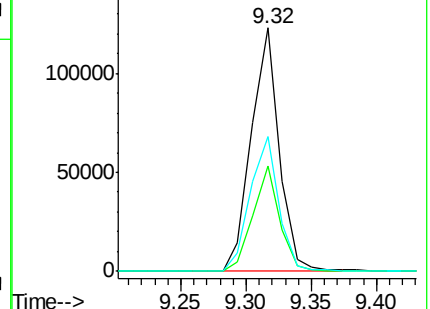
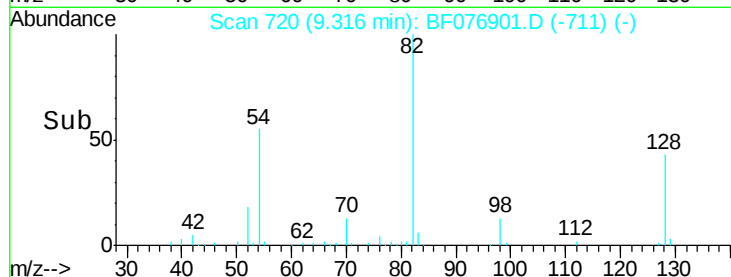
54 55.5 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076858.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076858.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076858.D (-716) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

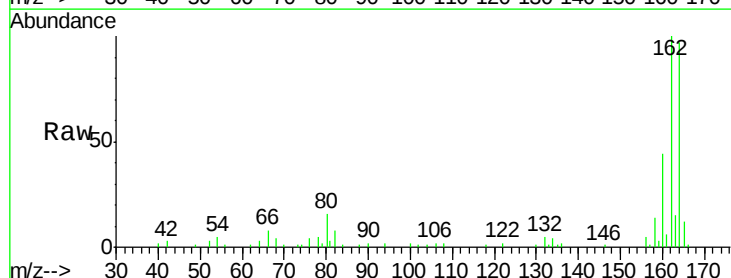
Tgt Ion: 164 Resp: 82350

Ion Ratio Lower Upper

164 100

162 102.9 82.4 123.6

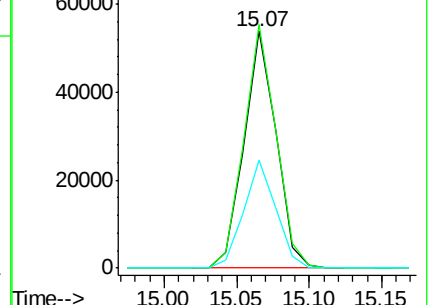
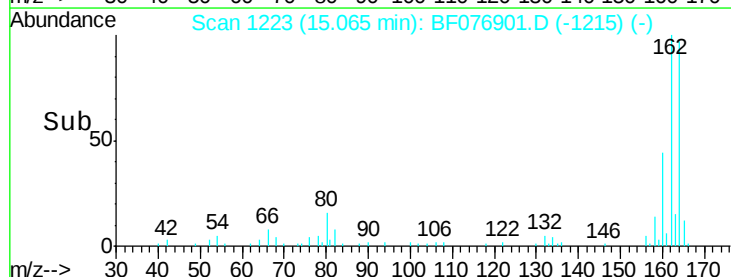
160 45.4 34.8 52.2

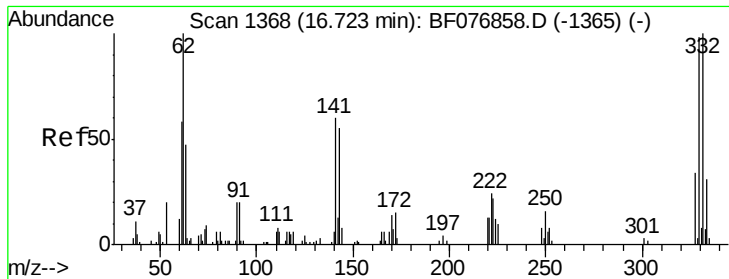


Abundance Ion 164.00 (163.70 to 164.70): BF076858.D (-1220) (-)

Ion 162.00 (161.70 to 162.70): BF076858.D (-1220) (-)

Ion 160.00 (159.70 to 160.70): BF076858.D (-1220) (-)

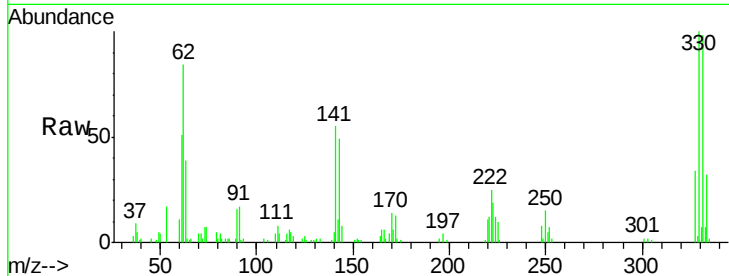




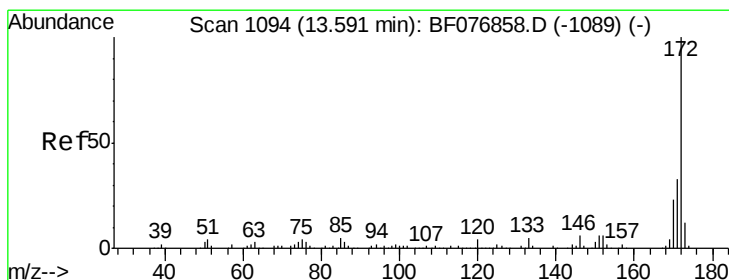
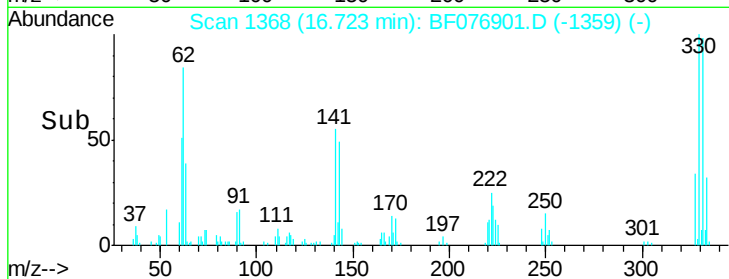
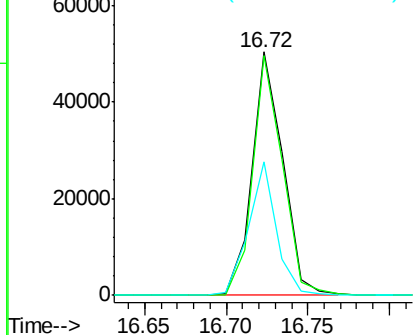
#41
 2,4,6-Tribromophenol
 Concen: 99.14 ng
 RT: 16.72 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: BF076901.D
 Acq: 16 Jan 2015 2:59

Instrument :
 BNA_F
 ClientSampled :
 SP-2

Tot Ion:330 Resp: 66274
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.8 116.6
 141 49.5 38.5 57.7

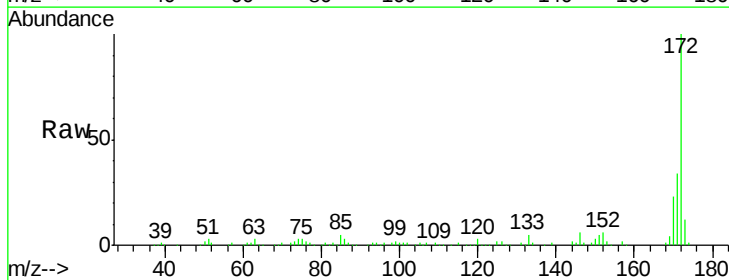


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

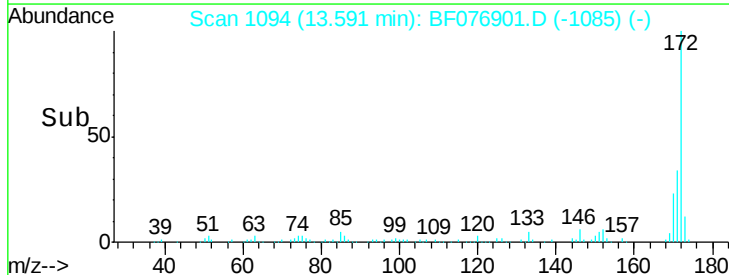
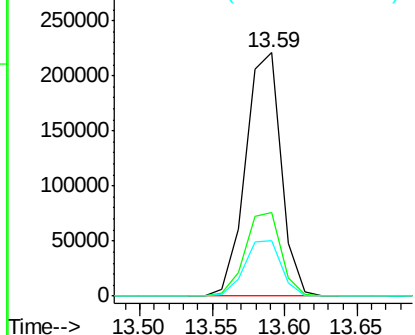


#44
 2-Fluorobiphenyl
 Concen: 69.31 ng
 RT: 13.59 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BF076901.D
 Acq: 16 Jan 2015 2:59

Tgt Ion:172 Resp: 375059
 Ion Ratio Lower Upper
 172 100
 171 34.3 26.6 40.0
 170 23.0 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

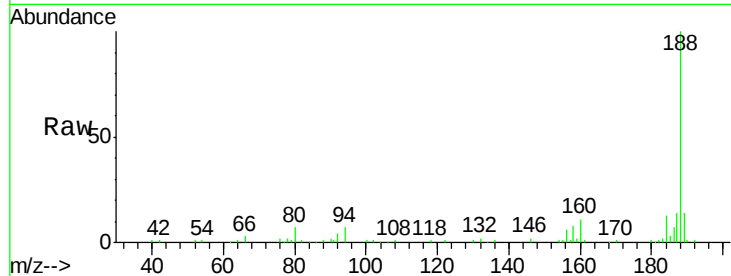




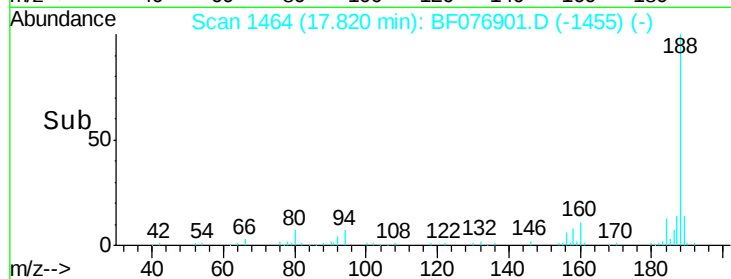
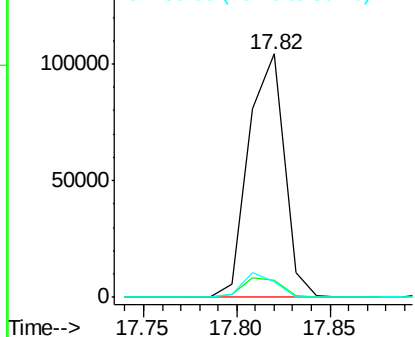
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. 0.00 min
Lab File: BF076901.D
Acq: 16 Jan 2015 2:59

Instrument :
BNA_F
ClientSampleID :
SP-2

Tot Ion:188 Resp: 138739
Ion Ratio Lower Upper
188 100
94 7.3 6.0 9.0
80 6.6 6.9 10.3#

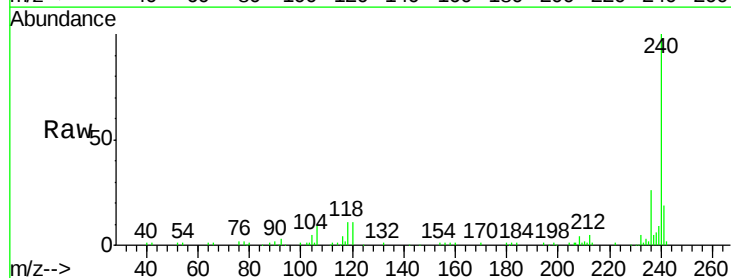


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

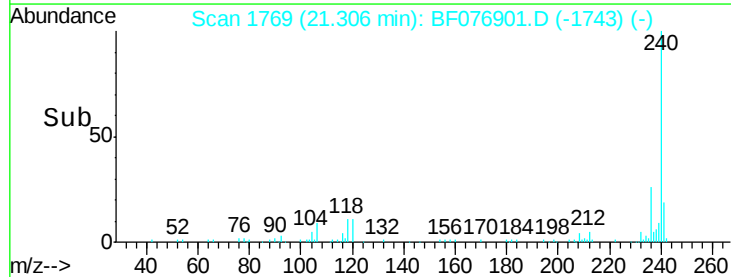
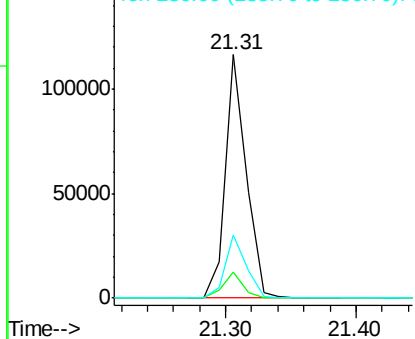


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076901.D
Acq: 16 Jan 2015 2:59

Tgt Ion:240 Resp: 129054
Ion Ratio Lower Upper
240 100
120 10.8 10.4 15.6
236 26.2 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: 64.50 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

Instrument :

BNA_F

ClientSampleId :

SP-2

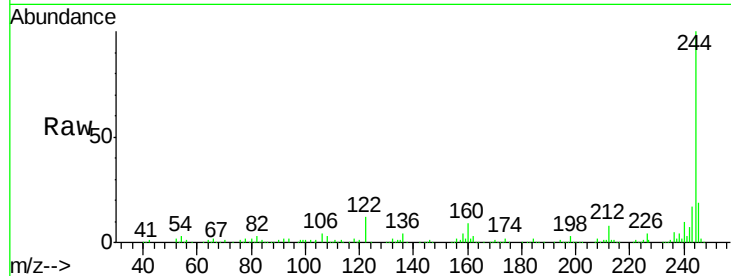
Tot Ion:244 Resp: 361551

Ion Ratio Lower Upper

244 100

212 7.9 6.3 9.5

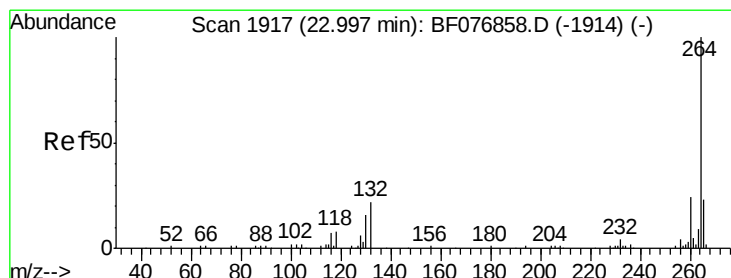
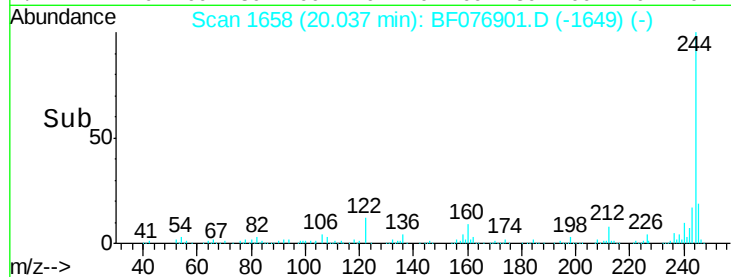
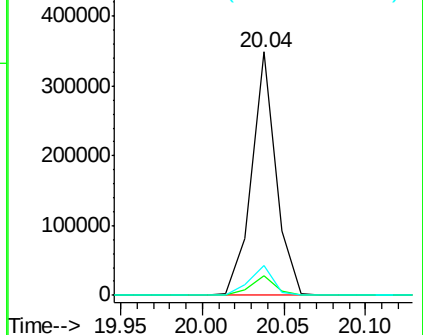
122 12.1 10.1 15.1



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: 22.96 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BF076901.D

Acq: 16 Jan 2015 2:59

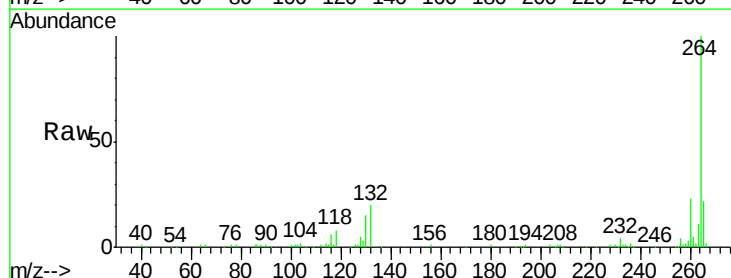
Tgt Ion:264 Resp: 126160

Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.6 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

