

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012015\
 Data File : BF076986.D
 Acq On : 21 Jan 2015 5:56
 Operator : IZ / TP
 Sample : G1111-01
 Misc : S
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615

Quant Time: Jan 21 10:53:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 04:28:05 2015
 Response via : Initial Calibration

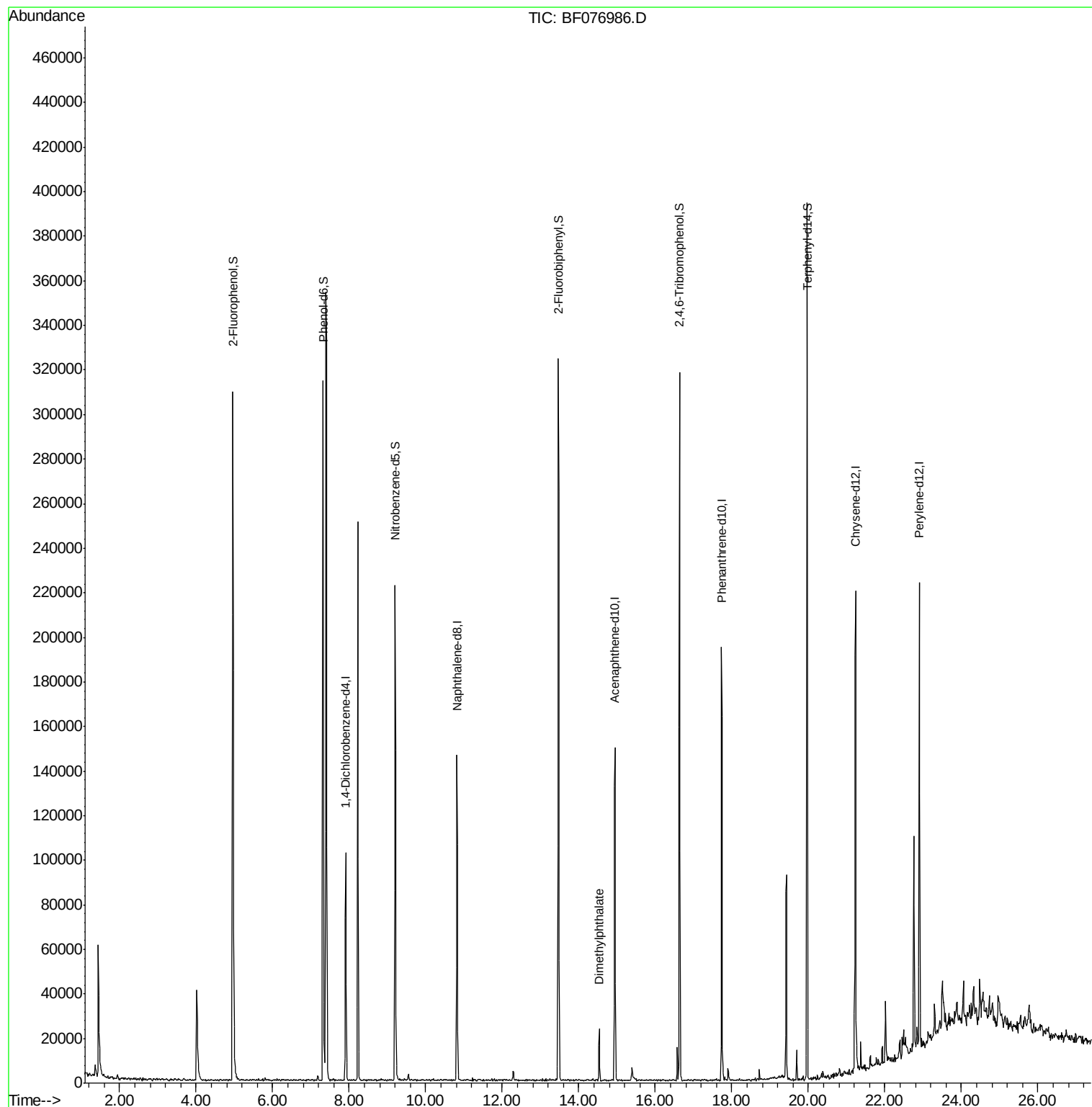
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	27760	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	118263	20.00	ng	-0.01
38) Acenaphthene-d10	14.95	164	63843	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	109005	20.00	ng	-0.01
75) Chrysene-d12	21.24	240	103407	20.00	ng	0.00
86) Perylene-d12	22.89	264	96643	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	163956	97.11	ng	0.00
7) Phenol-d6	7.32	99	210263	98.72	ng	0.00
23) Nitrobenzene-d5	9.20	82	116811	54.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.63	330	45706	88.20	ng	-0.01
44) 2-Fluorobiphenyl	13.47	172	184870	44.07	ng	-0.01
78) Terphenyl-d14	19.97	244	171614	38.21	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.54	163	16895	3.73	ng	Qvalue # 93

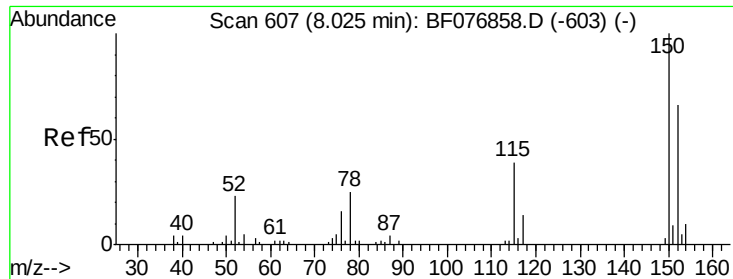
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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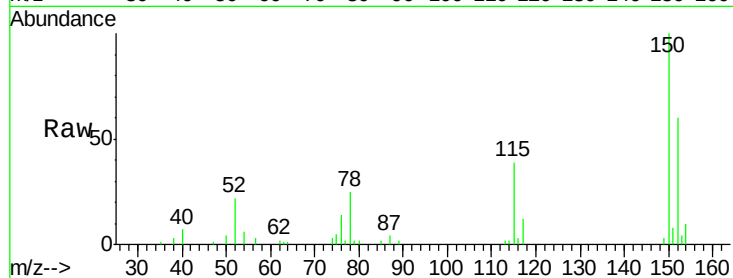


#1

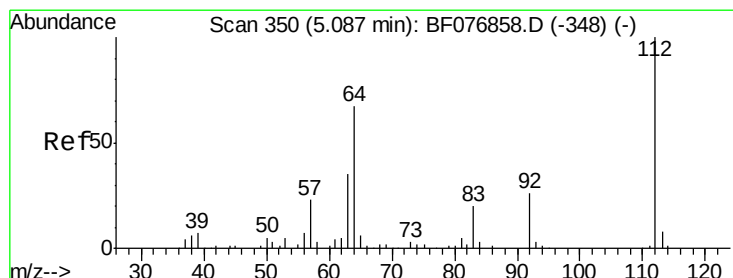
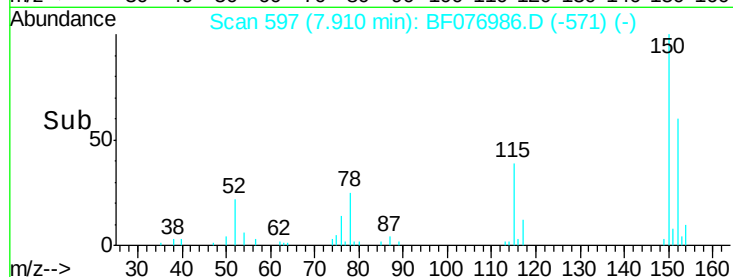
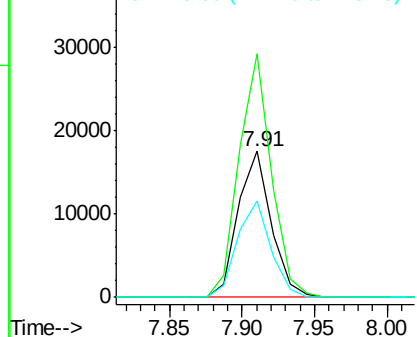
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.91 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF076986.D
 Acq: 21 Jan 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615

Tot Ion:152 Resp: 27760
 Ion Ratio Lower Upper
 152 100
 150 167.0 121.7 182.5
 115 65.8 47.0 70.6



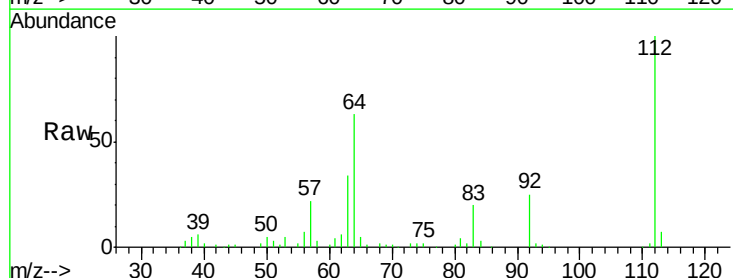
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



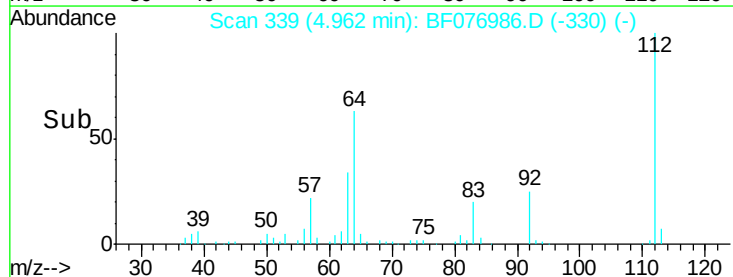
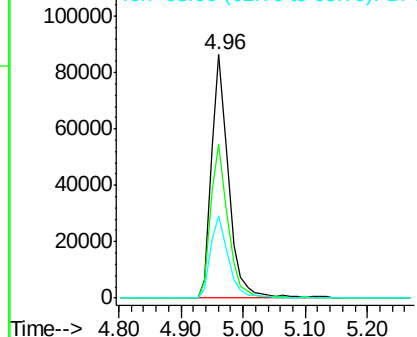
#5

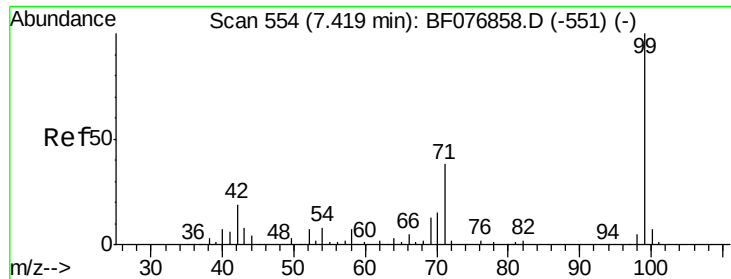
2-Fluorophenol
 Concen: 97.11 ng
 RT: 4.96 min Scan# 339
 Delta R.T. 0.00 min
 Lab File: BF076986.D
 Acq: 21 Jan 2015 5:56

Tgt Ion:112 Resp: 163956
 Ion Ratio Lower Upper
 112 100
 64 63.4 54.2 81.4
 63 33.6 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: 98.72 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

Instrument :

BNA_F

ClientSampleId :

RBDC1-011615

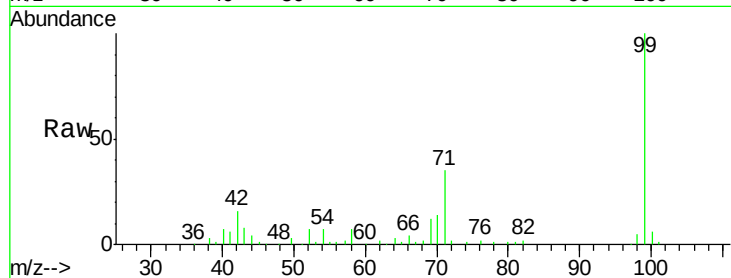
Tot Ion: 99 Resp: 210263

Ion Ratio Lower Upper

99 100

42 15.6 15.0 22.4

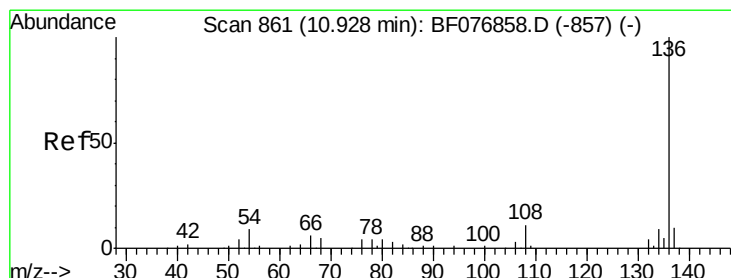
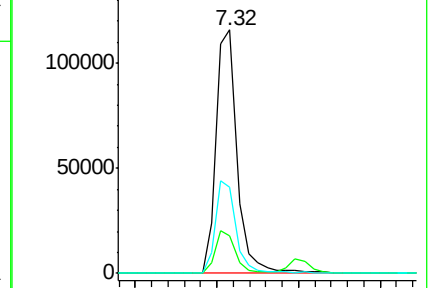
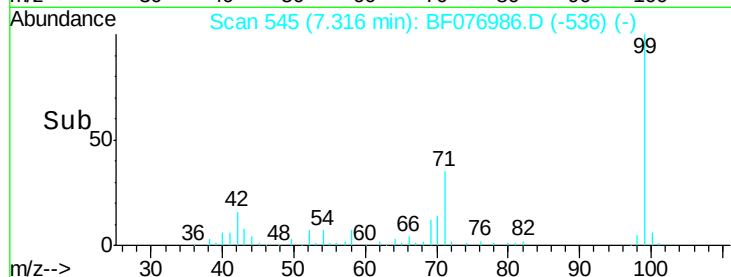
71 35.3 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076986.D (-536) (-)

Ion 42.00 (41.70 to 42.70): BF076986.D (-536) (-)

Ion 71.00 (70.70 to 71.70): BF076986.D (-536) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

Tgt Ion: 136 Resp: 118263

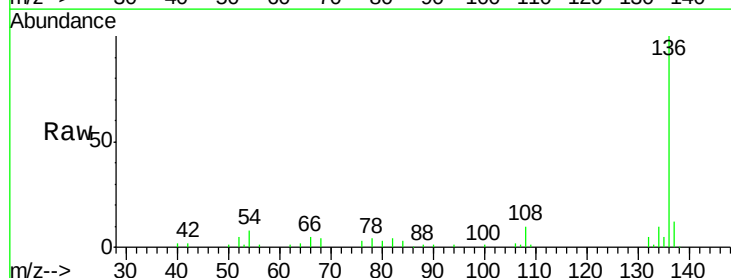
Ion Ratio Lower Upper

136 100

137 12.2 8.1 12.1#

54 8.4 7.0 10.4

68 4.4 3.7 5.5

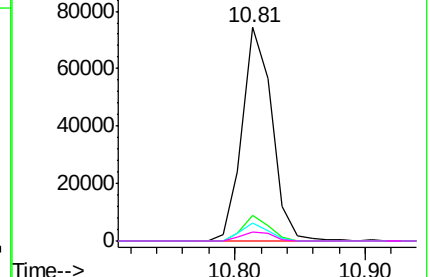
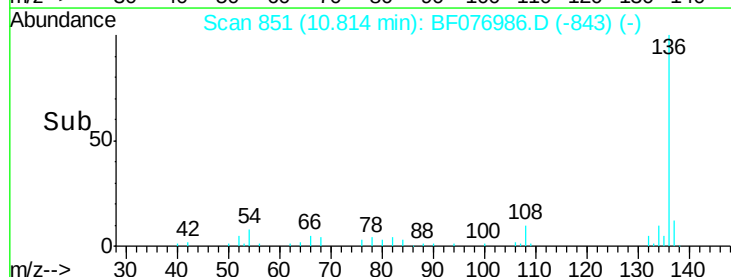


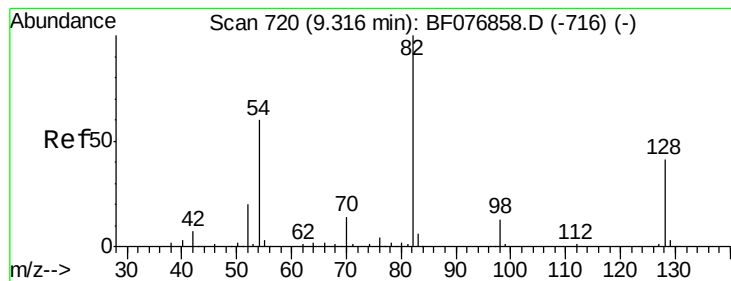
Abundance Ion 136.00 (135.70 to 136.70): BF076986.D (-843) (-)

Ion 137.00 (136.70 to 137.70): BF076986.D (-843) (-)

Ion 54.00 (53.70 to 54.70): BF076986.D (-843) (-)

Ion 68.00 (67.70 to 68.70): BF076986.D (-843) (-)





#23

Nitrobenzene-d5

Concen: 54.72 ng

RT: 9.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

Instrument :

BNA_F

ClientSampleId :

RBDC1-011615

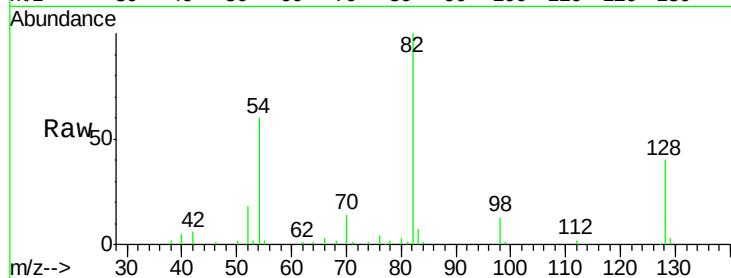
Tot Ion: 82 Resp: 116811

Ion Ratio Lower Upper

82 100

128 40.0 33.1 49.7

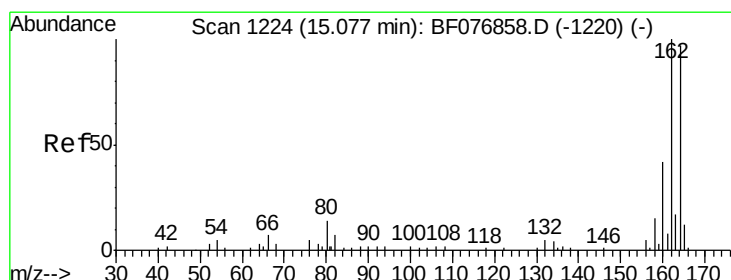
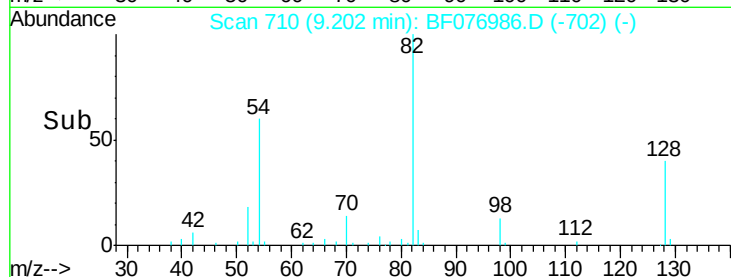
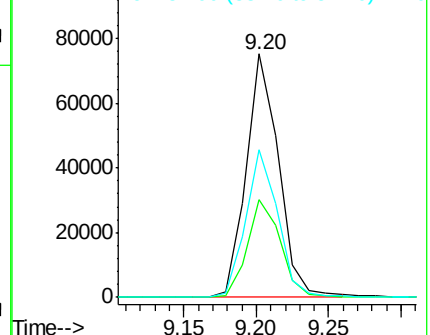
54 60.5 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.95 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

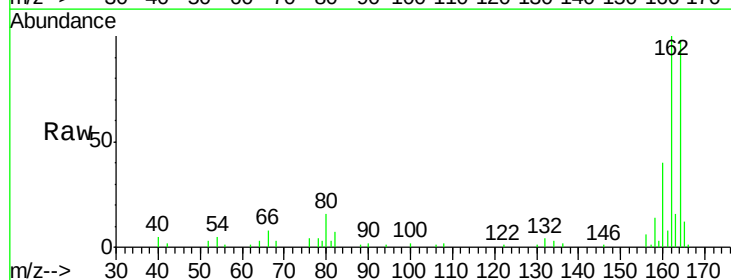
Tgt Ion: 164 Resp: 63843

Ion Ratio Lower Upper

164 100

162 101.7 82.4 123.6

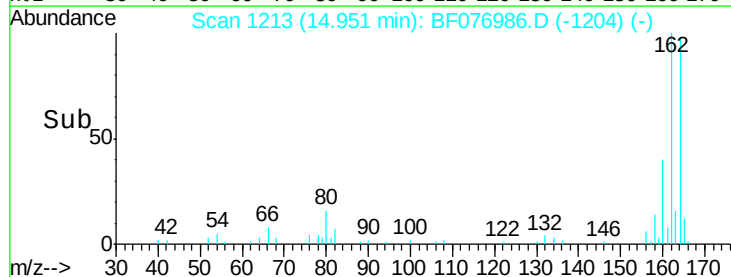
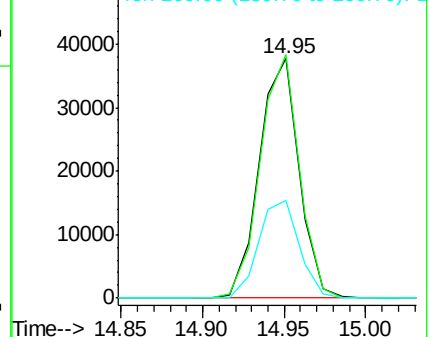
160 41.1 34.8 52.2

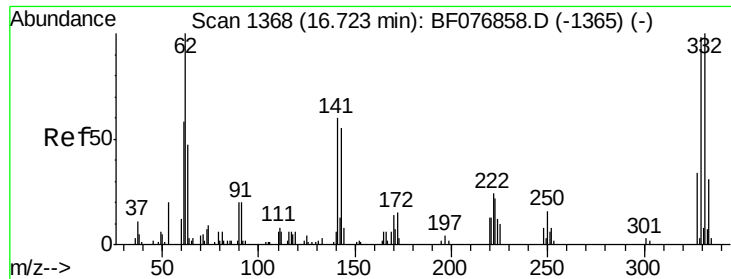


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

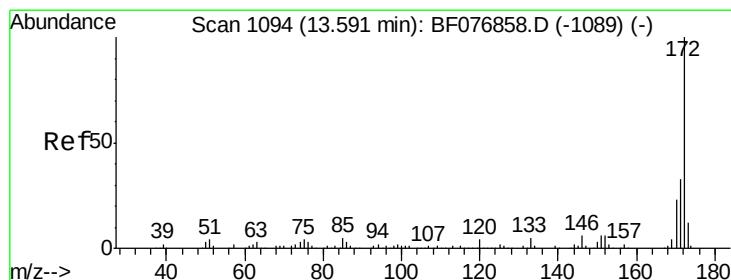
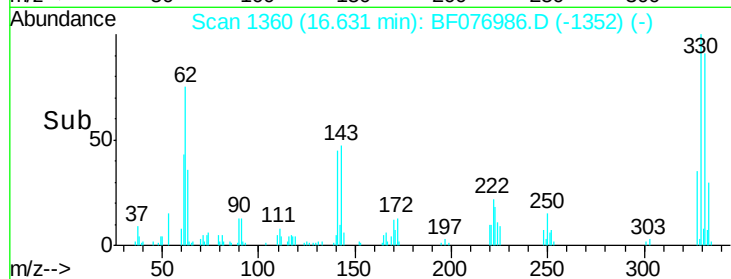
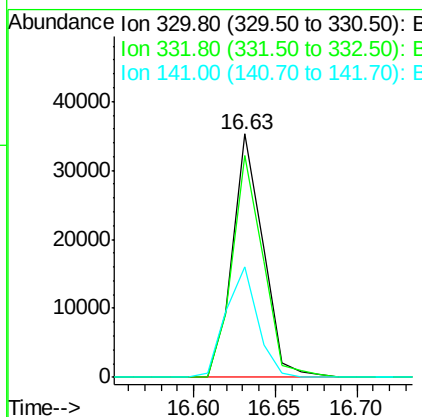
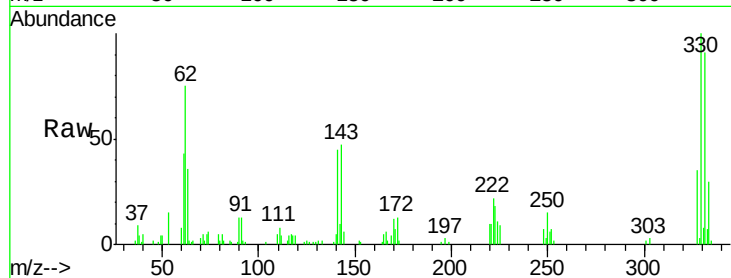




#41
 2,4,6-Tribromophenol
 Concen: 88.20 ng
 RT: 16.63 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF076986.D
 Acq: 21 Jan 2015 5:56

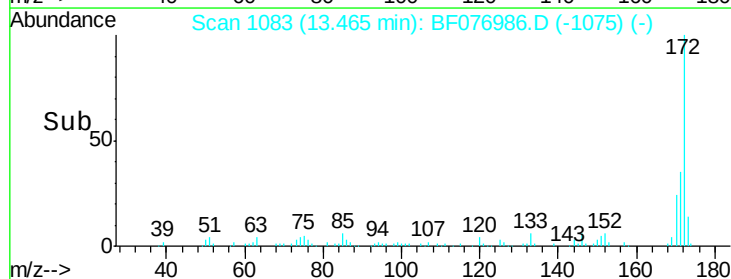
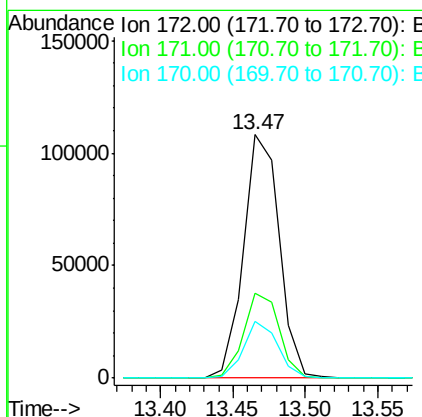
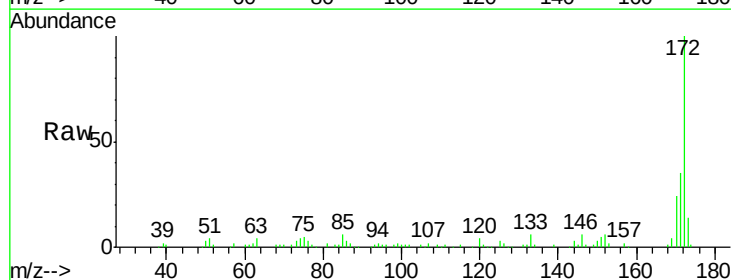
Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615

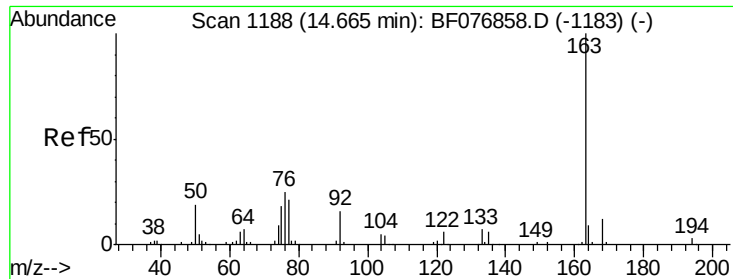
Tot Ion:330 Resp: 45706
 Ion Ratio Lower Upper
 330 100
 332 91.8 77.8 116.6
 141 47.1 38.5 57.7



#44
 2-Fluorobiphenyl
 Concen: 44.07 ng
 RT: 13.47 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: BF076986.D
 Acq: 21 Jan 2015 5:56

Tgt Ion:172 Resp: 184870
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.5 18.0 27.0





#49

Dimethylphthalate

Concen: 3.73 ng

RT: 14.54 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

Instrument :

BNA_F

ClientSampleId :

RBDC1-011615

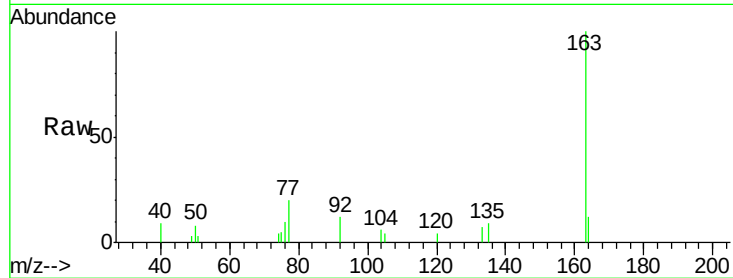
Tot Ion:163 Resp: 16895

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

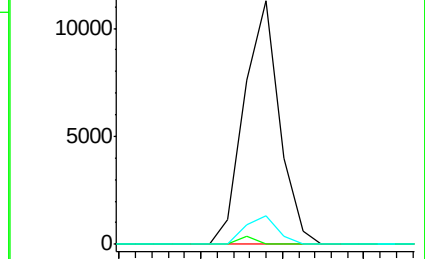
164 11.8 7.5 11.3#



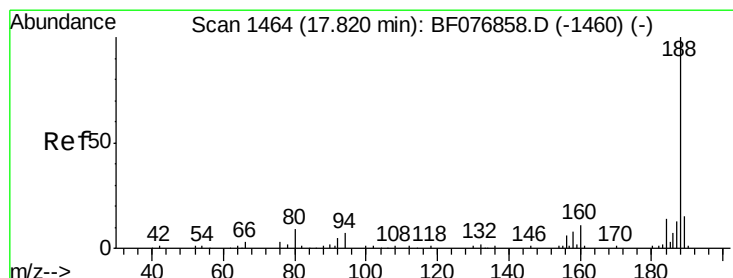
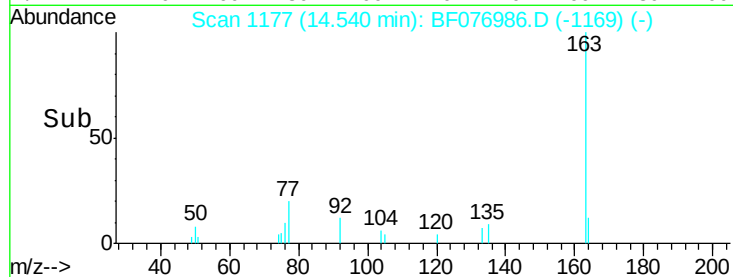
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.45 14.50 14.55 14.60



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.73 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

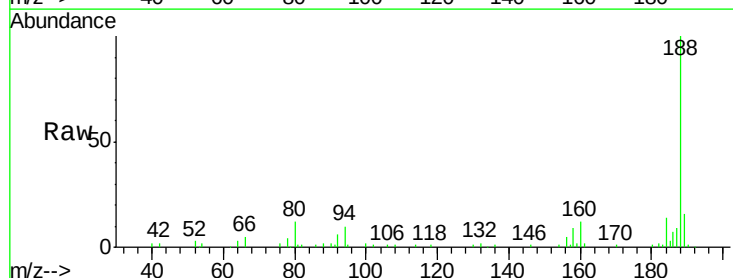
Tgt Ion:188 Resp: 109005

Ion Ratio Lower Upper

188 100

94 9.7 6.0 9.0#

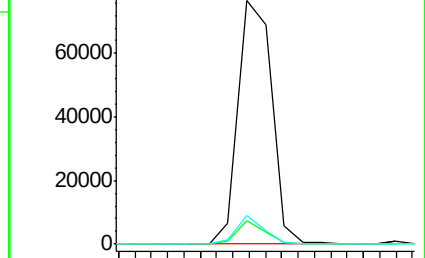
80 11.5 6.9 10.3#



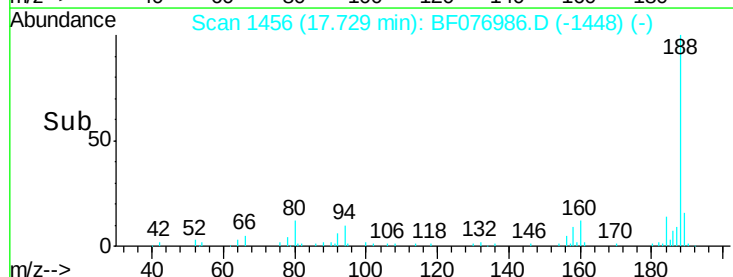
Abundance Ion 188.00 (187.70 to 188.70): E

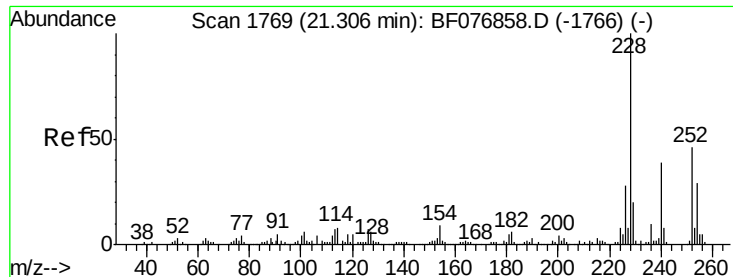
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time--> 17.65 17.70 17.75 17.80





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 1763

Delta R.T. 0.00 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

Instrument :

BNA_F

ClientSampleID :

RBDC1-011615

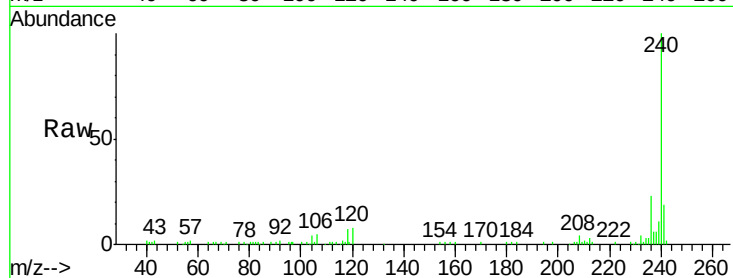
Tot Ion:240 Resp: 103407

Ion Ratio Lower Upper

240 100

120 8.0 10.4 15.6#

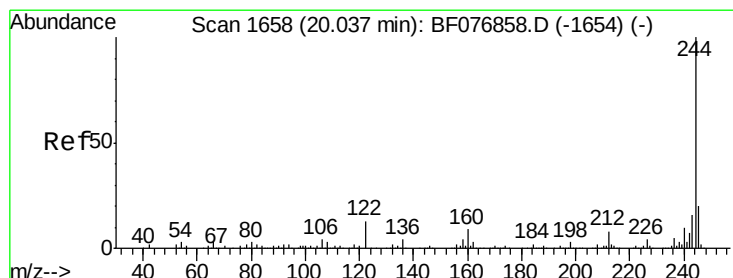
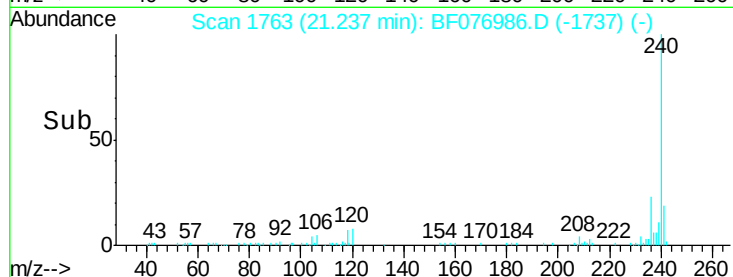
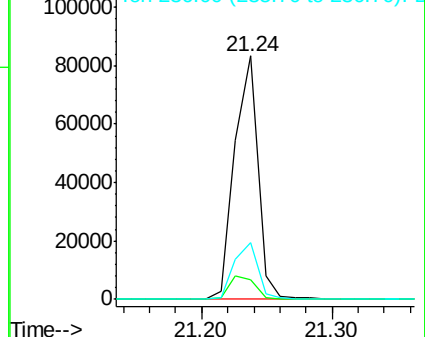
236 23.4 20.2 30.2



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: 38.21 ng

RT: 19.97 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BF076986.D

Acq: 21 Jan 2015 5:56

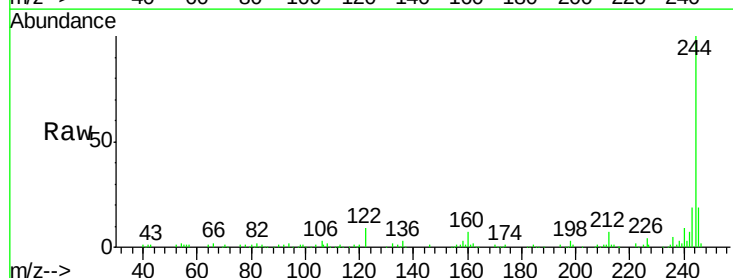
Tgt Ion:244 Resp: 171614

Ion Ratio Lower Upper

244 100

212 6.9 6.3 9.5

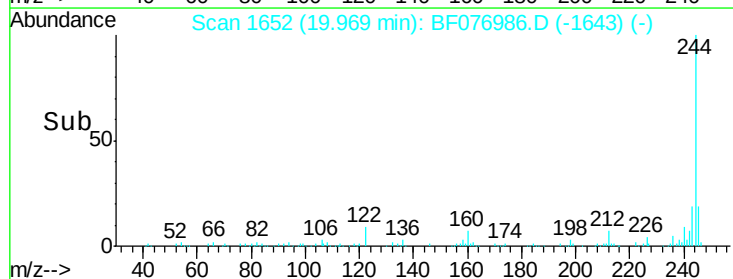
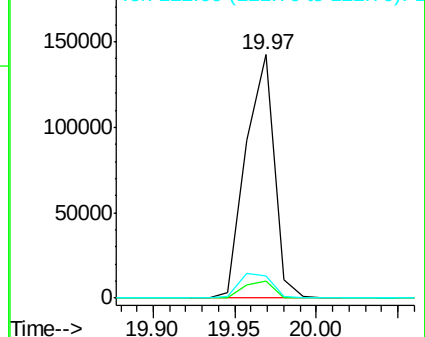
122 9.0 10.1 15.1#

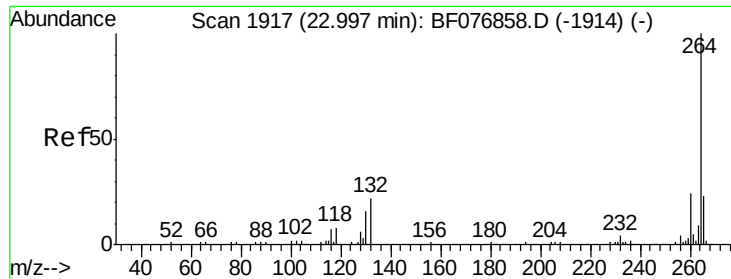


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

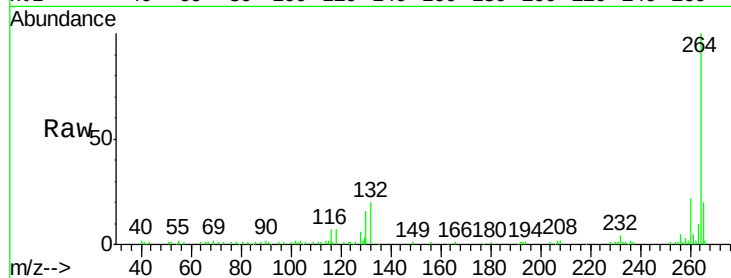




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.89 min Scan# 1908
 Delta R.T. -0.01 min
 Lab File: BF076986.D
 Acq: 21 Jan 2015 5:56

Instrument :
 BNA_F
 ClientSampleId :
 RBDC1-011615

Tot Ion: 264 Resp: 96643
 Ion Ratio Lower Upper
 264 100
 260 22.5 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

