

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076956.D
 Acq On : 20 Jan 2015 8:36
 Operator : IZ / TP
 Sample : G1101-02
 Misc : W
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-004

Quant Time: Jan 20 10:47:11 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	7.98	152	30457	20.00	ng	-0.05
21) Naphthalene-d8	10.88	136	131025	20.00	ng	-0.05
38) Acenaphthene-d10	15.01	164	71873	20.00	ng	-0.07
63) Phenanthrene-d10	17.77	188	122256	20.00	ng	-0.05
75) Chrysene-d12	21.27	240	115513	20.00	ng	-0.03
86) Perylene-d12	22.91	264	109790	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	98983	53.43	ng	-0.05
7) Phenol-d6	7.37	99	74546	31.90	ng	-0.05
23) Nitrobenzene-d5	9.27	82	204128	86.31	ng	-0.05
41) 2,4,6-Tribromophenol	16.69	330	77043m	132.06	ng	-0.03
44) 2-Fluorobiphenyl	13.53	172	414397	87.74	ng	-0.06
78) Terphenyl-d14	20.00	244	392709	78.27	ng	-0.03

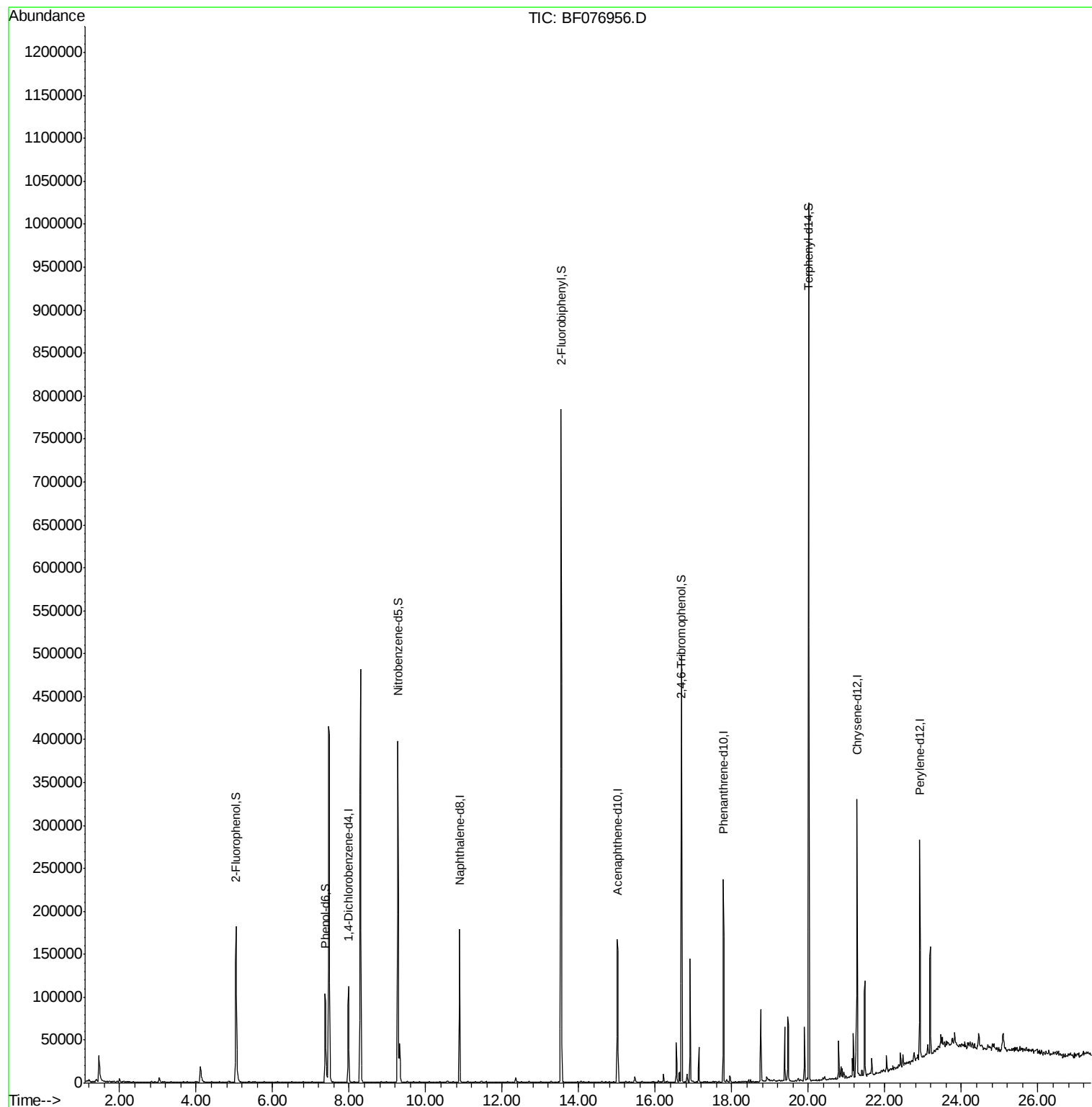
Target Compounds Qvalue

(#) = 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. -0.05 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

Instrument :

BNA_F

ClientSampleId :

PO-004

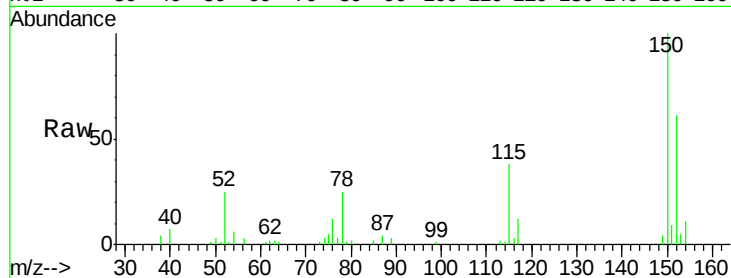
Tot Ion:152 Resp: 30457

Ion Ratio Lower Upper

152 100

150 164.4 121.7 182.5

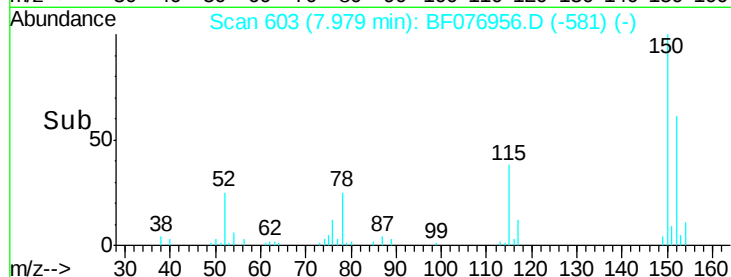
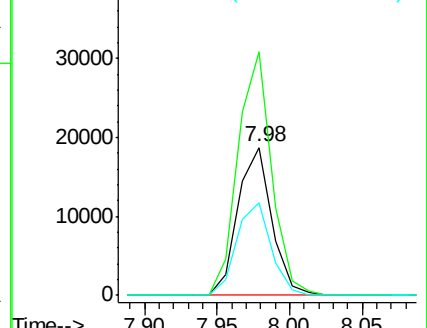
115 62.7 47.0 70.6



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: 53.43 ng

RT: 5.04 min Scan# 346

Delta R.T. -0.05 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

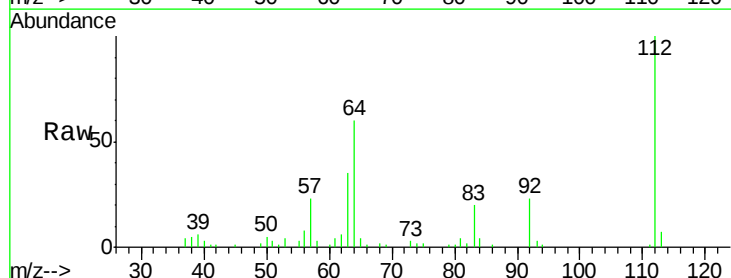
Tgt Ion:112 Resp: 98983

Ion Ratio Lower Upper

112 100

64 59.6 54.2 81.4

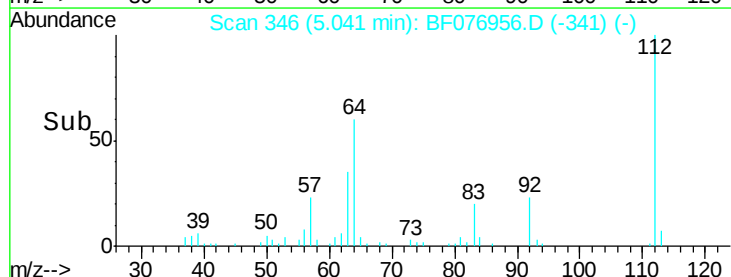
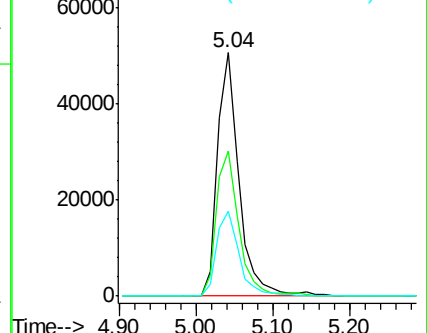
63 34.9 28.4 42.6

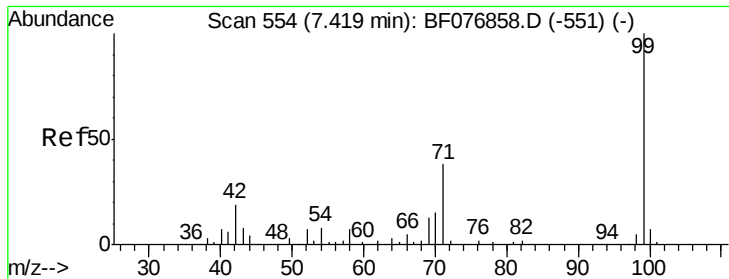


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.90 ng

RT: 7.37 min Scan# 550

Delta R.T. -0.05 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

Instrument :

BNA_F

ClientSampleId :

PO-004

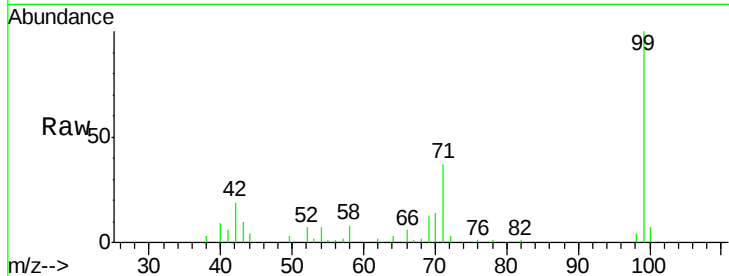
Tot Ion: 99 Resp: 74546

Ion Ratio Lower Upper

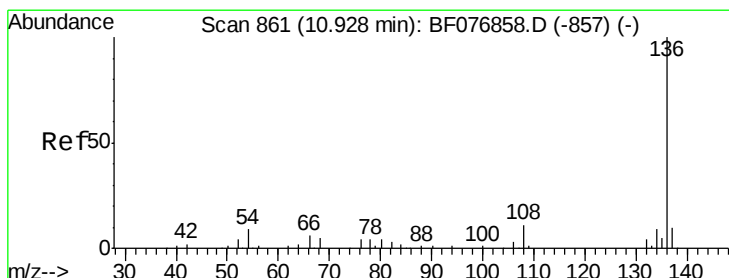
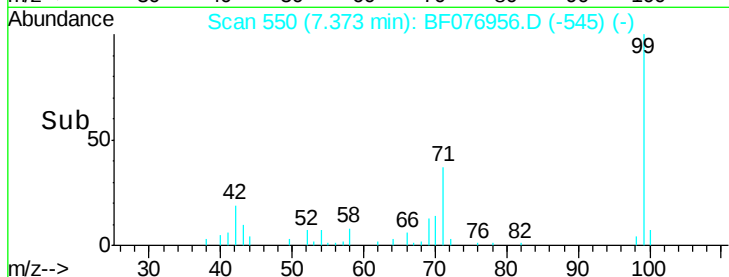
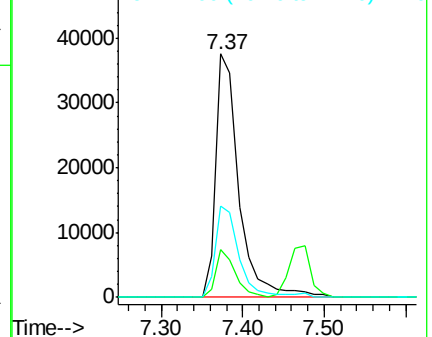
99 100

42 19.4 15.0 22.4

71 37.4 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. -0.05 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

Tgt Ion: 136 Resp: 131025

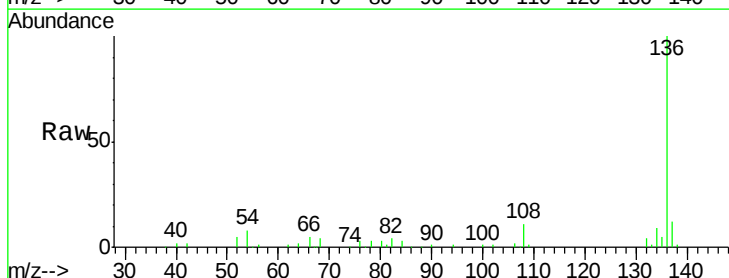
Ion Ratio Lower Upper

136 100

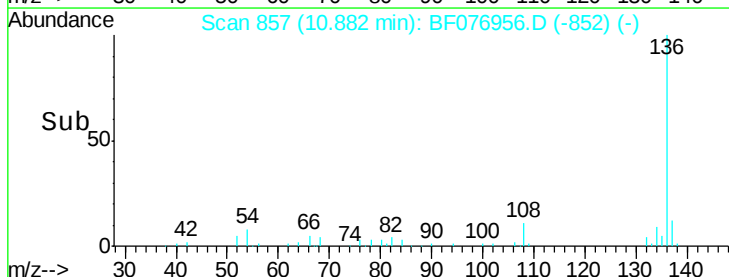
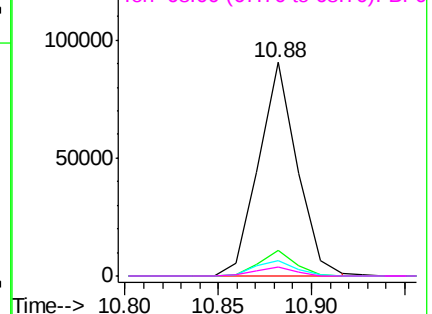
137 11.9 8.1 12.1

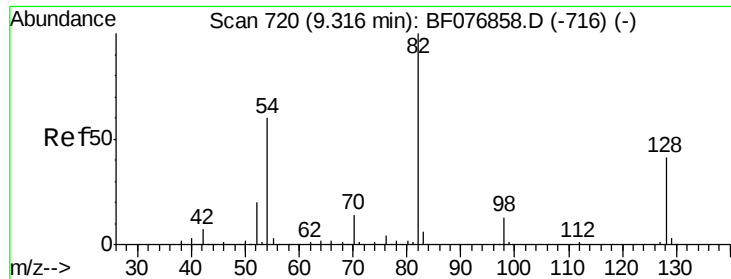
54 7.5 7.0 10.4

68 4.2 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

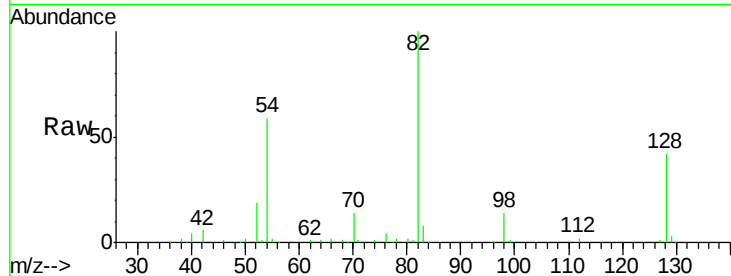




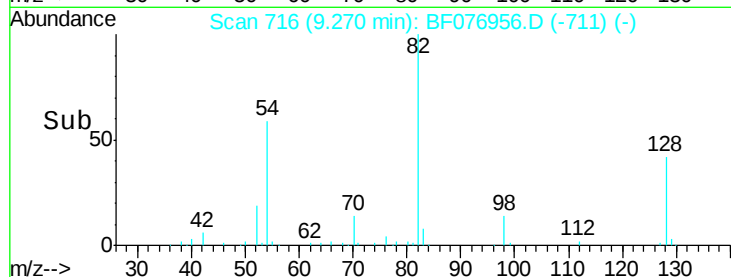
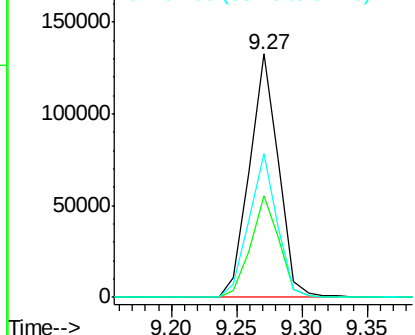
#23
 Nitrobenzene-d5
 Concen: 86.31 ng
 RT: 9.27 min Scan# 716
 Delta R.T. -0.05 min
 Lab File: BF076956.D
 Acq: 20 Jan 2015 8:36

Instrument :
 BNA_F
 ClientSampleID :
 PO-004

Tot Ion	82	Resp	204128
Ion Ratio	100	Lower	Upper
128	41.9	33.1	49.7
54	59.2	48.3	72.5

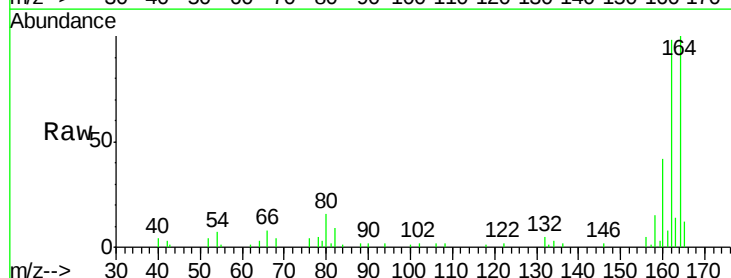


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

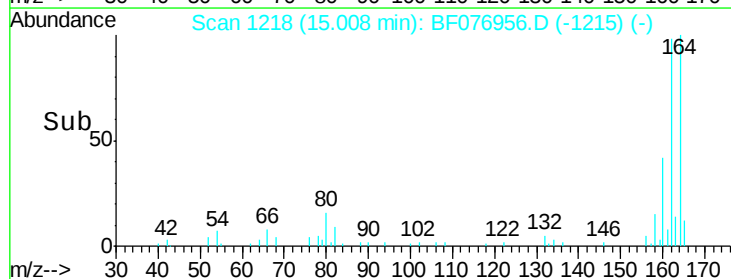
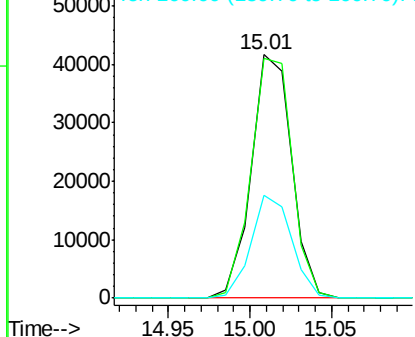


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1218
 Delta R.T. -0.07 min
 Lab File: BF076956.D
 Acq: 20 Jan 2015 8:36

Tgt Ion	164	Resp	71873
Ion Ratio	100	Lower	Upper
162	98.4	82.4	123.6
160	42.1	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

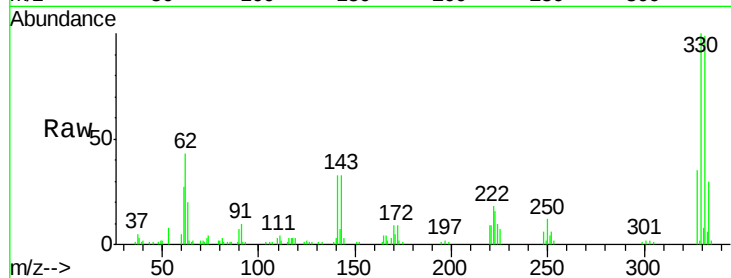




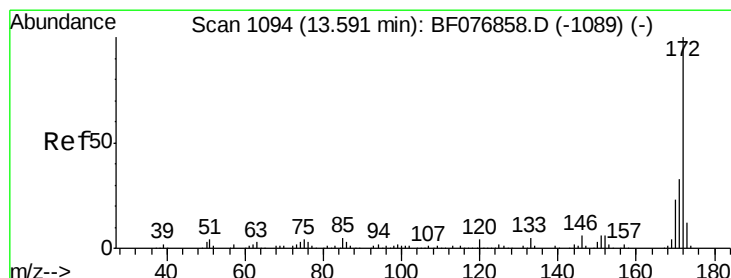
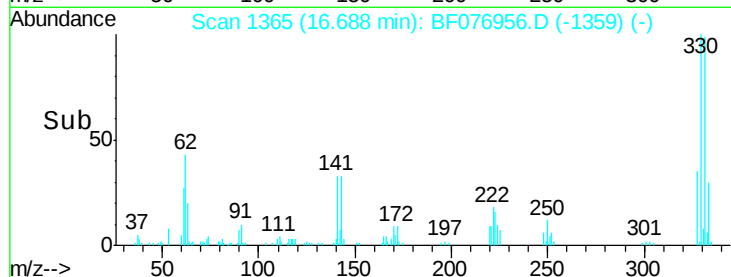
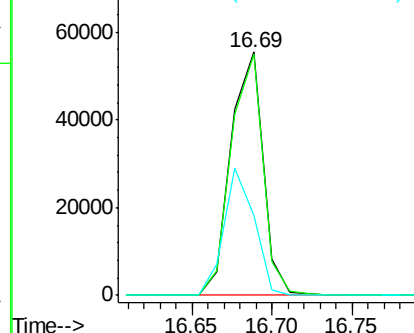
#41
 2,4,6-Tribromophenol
 Concen: 132.06 ng/ml
 RT: 16.69 min Scan# 1365
 Delta R.T. -0.03 min
 Lab File: BF076956.D
 Acq: 20 Jan 2015 8:36

Instrument :
 BNA_F
 ClientSampleID :
 PO-004

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.8	116.6
141	49.3	38.5	57.7

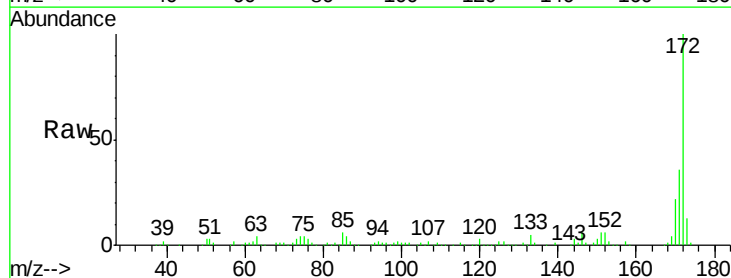


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

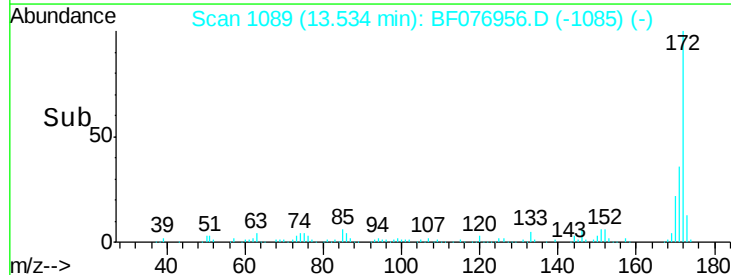
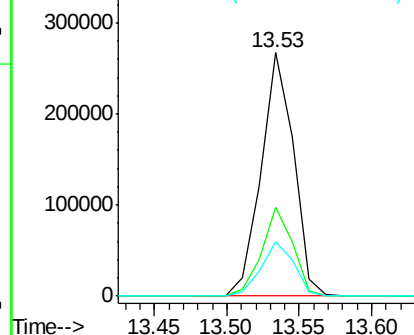


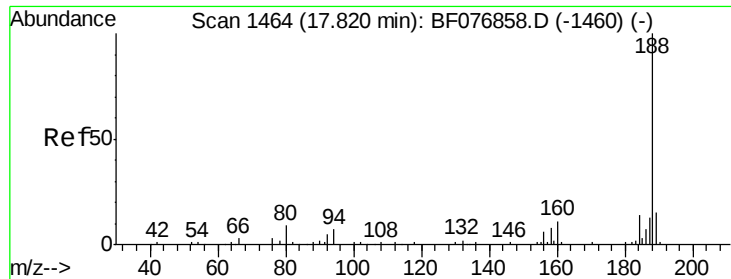
#44
 2-Fluorobiphenyl
 Concen: 87.74 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. -0.06 min
 Lab File: BF076956.D
 Acq: 20 Jan 2015 8:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.6	40.0
170	22.4	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. -0.05 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

Instrument :

BNA_F

ClientSampleId :

PO-004

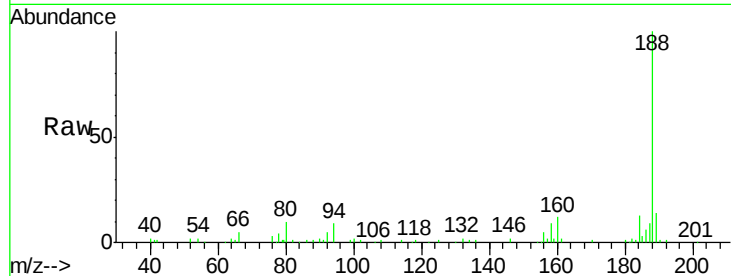
Tot Ion:188 Resp: 122256

Ion Ratio Lower Upper

188 100

94 9.3 6.0 9.0#

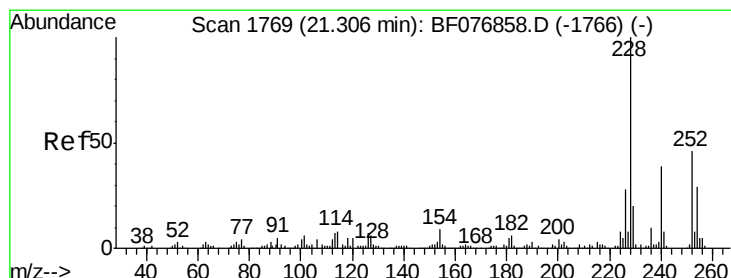
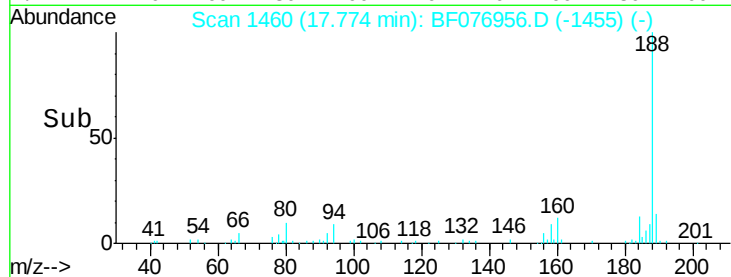
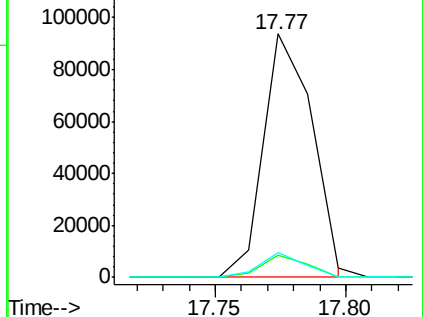
80 10.4 6.9 10.3#



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. -0.03 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

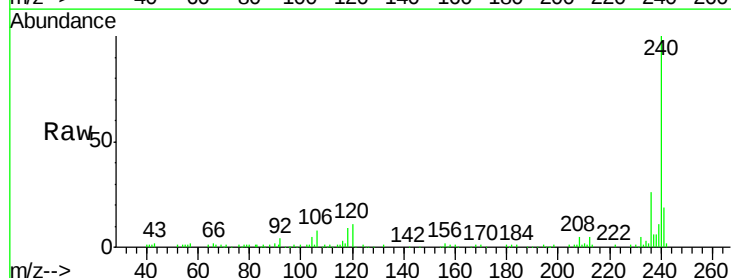
Tgt Ion:240 Resp: 115513

Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

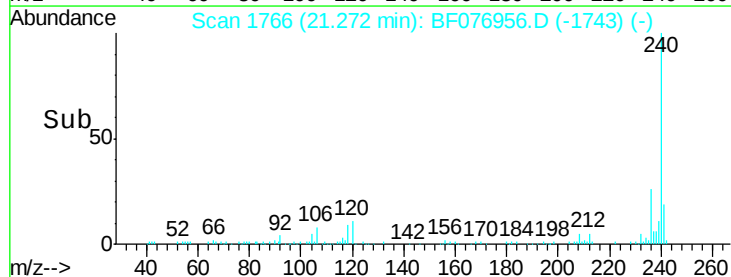
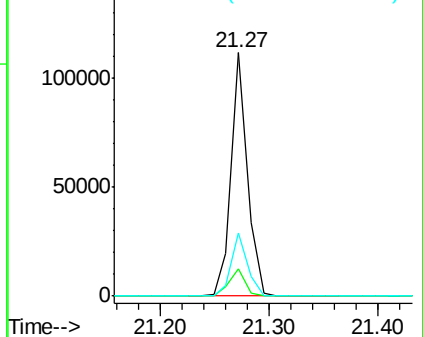
236 26.1 20.2 30.2



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: 78.27 ng

RT: 20.00 min Scan# 1655

Delta R.T. -0.03 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

Instrument :

BNA_F

ClientSampleId :

PO-004

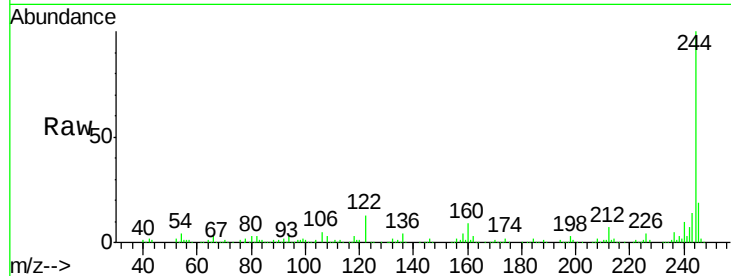
Tot Ion:244 Resp: 392709

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

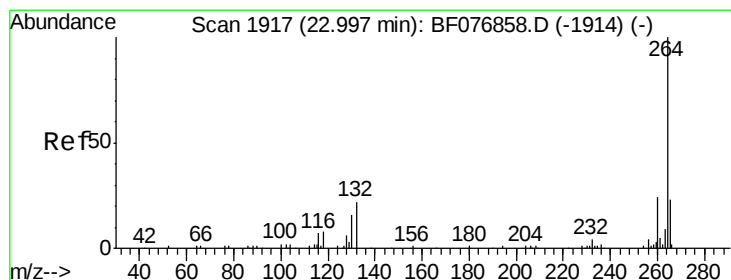
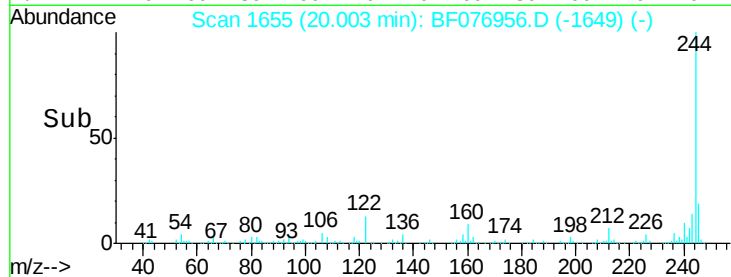
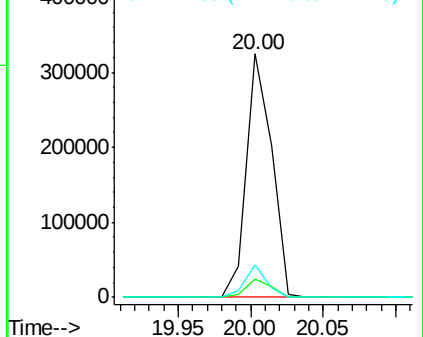
122 13.1 10.1 15.1



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: 22.91 min Scan# 1909

Delta R.T. -0.09 min

Lab File: BF076956.D

Acq: 20 Jan 2015 8:36

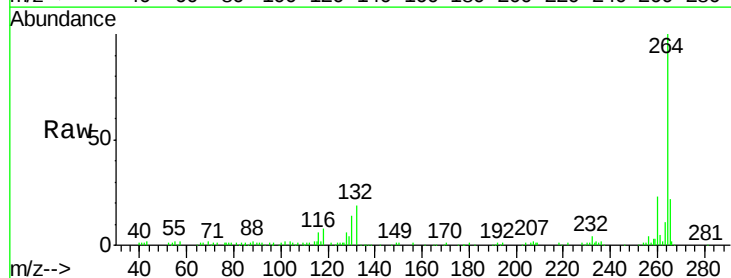
Tgt Ion:264 Resp: 109790

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

