

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076844.D
 Acq On : 13 Jan 2015 15:08
 Operator : IZ / TP
 Sample : PB81296BL
 Misc : S DOD
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81296BL

Quant Time: Jan 14 10:44:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

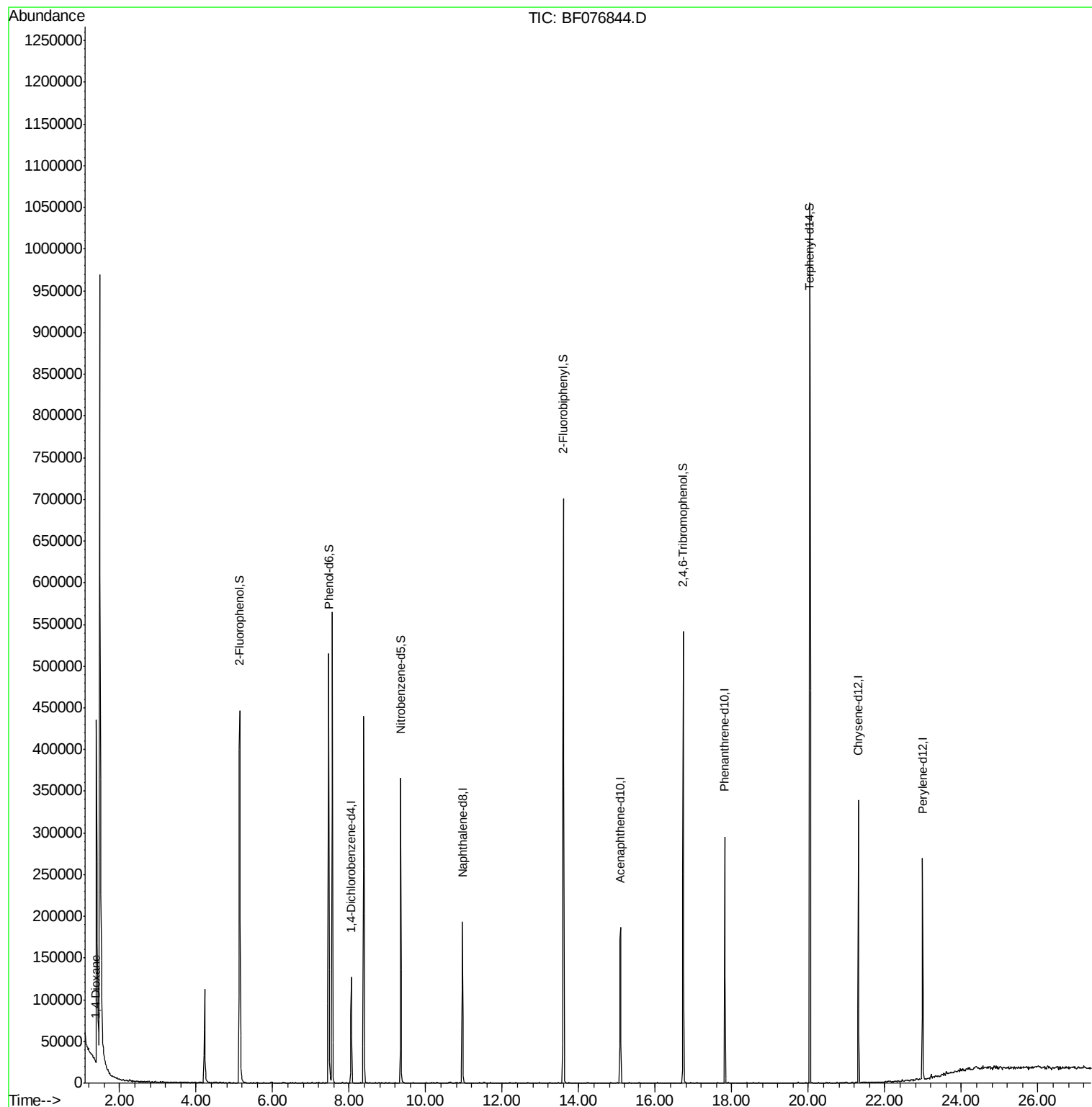
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	32854	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	143425	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	78493	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	133135	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	130933	20.00	ng	-0.05
86) Perylene-d12	22.99	264	116345	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	234186	118.95	ng	-0.03
7) Phenol-d6	7.46	99	290702	117.28	ng	-0.03
23) Nitrobenzene-d5	9.35	82	176954	68.56	ng	-0.03
41) 2,4,6-Tribromophenol	16.73	330	70562	107.70	ng	-0.05
44) 2-Fluorobiphenyl	13.60	172	365716	68.57	ng	-0.05
78) Terphenyl-d14	20.04	244	389688	65.35	ng	-0.03
Target Compounds						
2) 1,4-Dioxane	1.38	88	2069	2.46	ng	Qvalue # 1

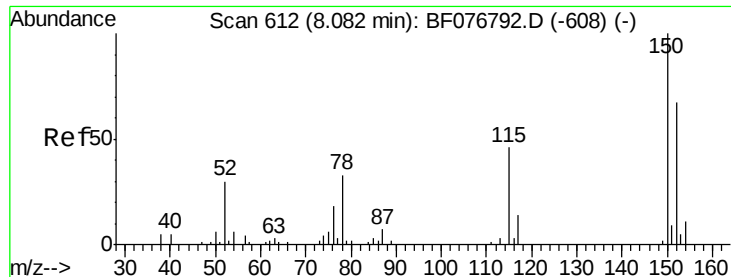
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 12 10:43:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

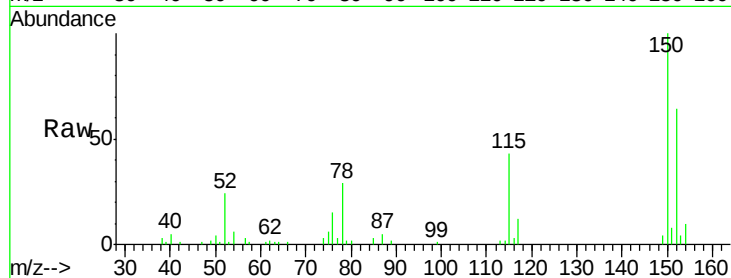
Tot Ion:152 Resp: 32854

Ion Ratio Lower Upper

152 100

150 157.2 119.5 179.3

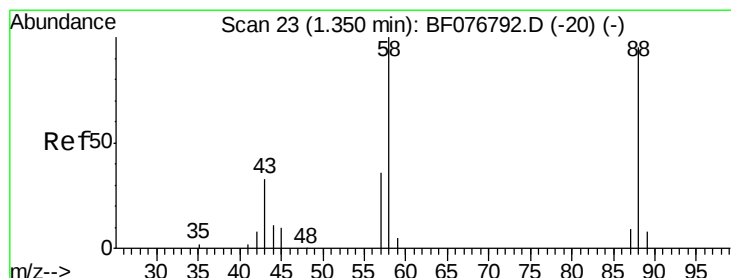
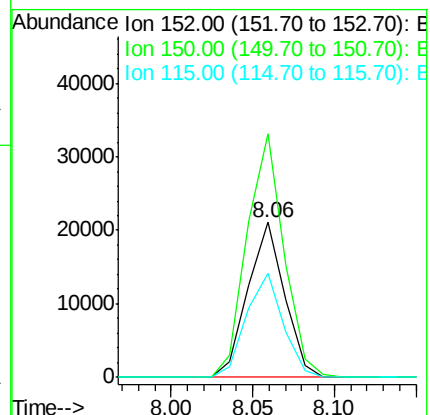
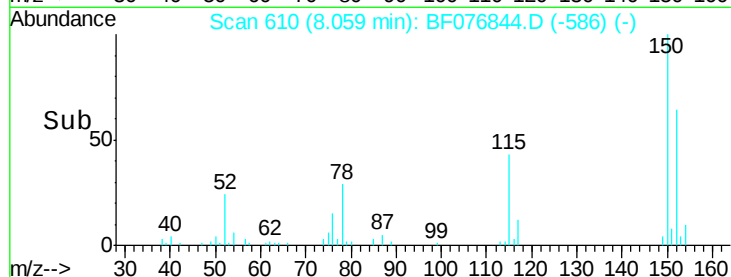
115 67.6 54.6 81.8



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



#2

1,4-Dioxane

Concen: 2.46 ng

RT: 1.38 min Scan# 26

Delta R.T. 0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

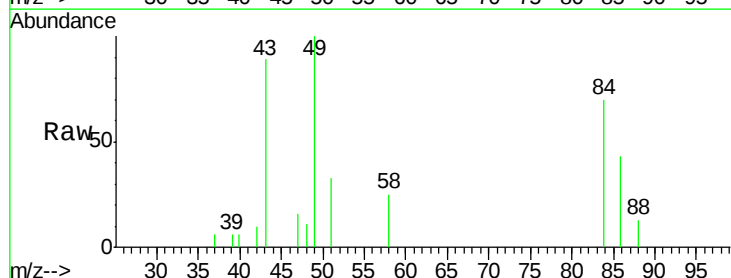
Tgt Ion: 88 Resp: 2069

Ion Ratio Lower Upper

88 100

58 7680.8 72.4 108.6#

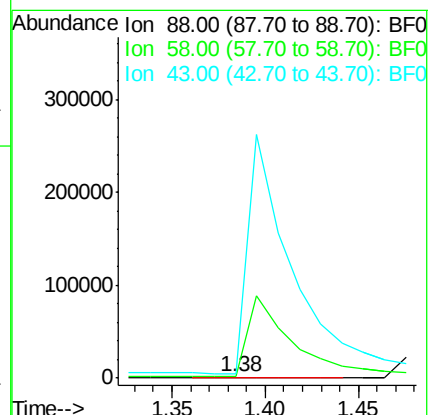
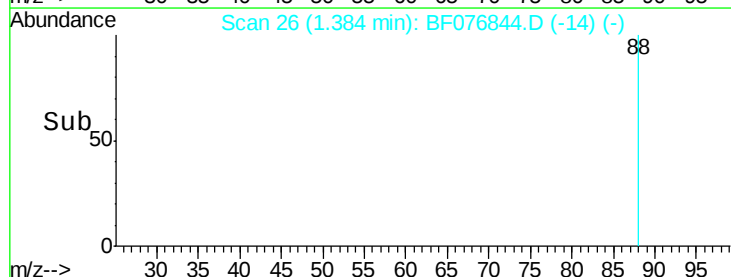
43 22447.8 24.0 36.0#

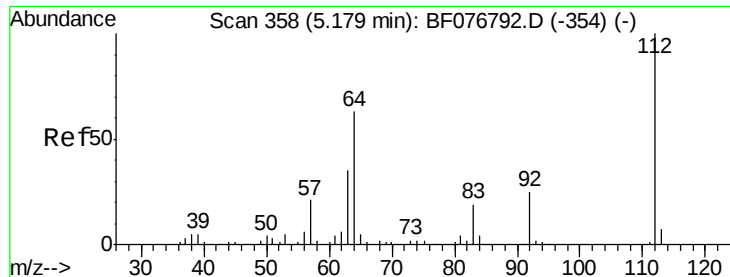


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 118.95 ng

RT: 5.14 min Scan# 355

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

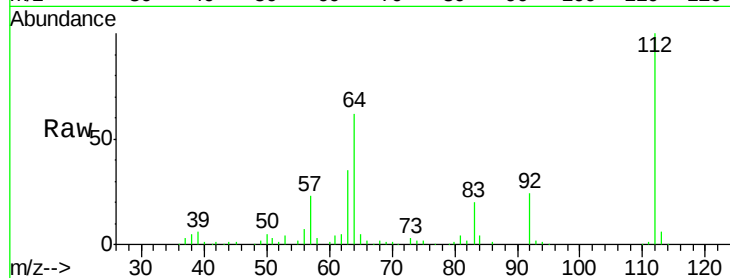
Tot Ion:112 Resp: 234186

Ion Ratio Lower Upper

112 100

64 61.7 50.2 75.4

63 35.1 27.8 41.6



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

150000

100000

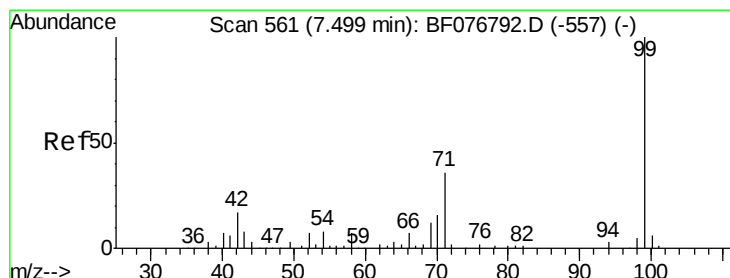
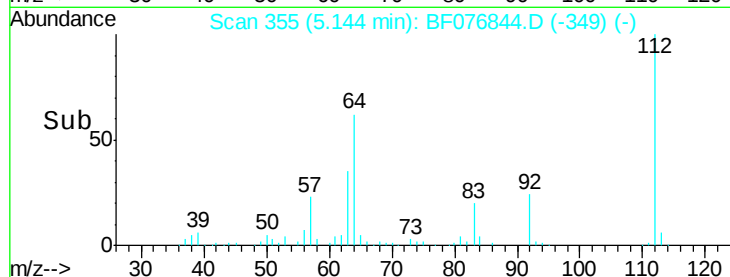
50000

0

5.14

5.10 5.20 5.30

Time-->



#7

Phenol-d6

Concen: 117.28 ng

RT: 7.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

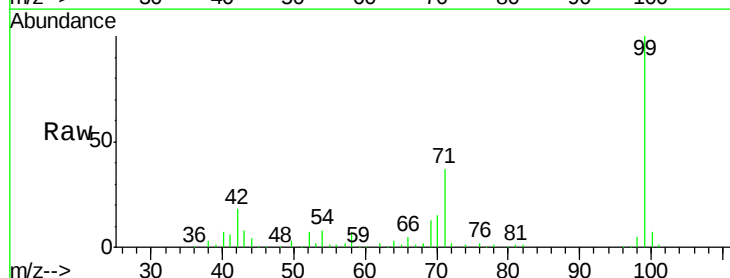
Tgt Ion: 99 Resp: 290702

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

71 36.5 29.2 43.8



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

250000

200000

150000

100000

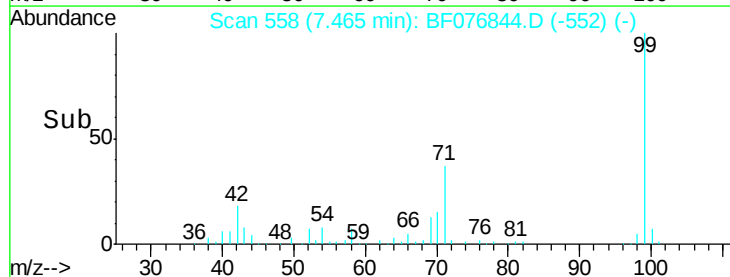
50000

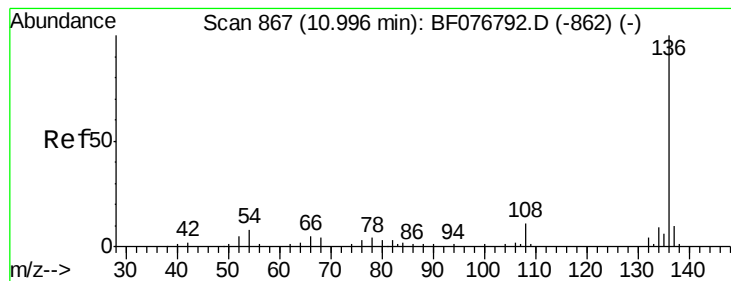
0

7.46

7.40 7.50 7.60

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleID :

PB81296BL

Tot Ion:136 Resp: 143425

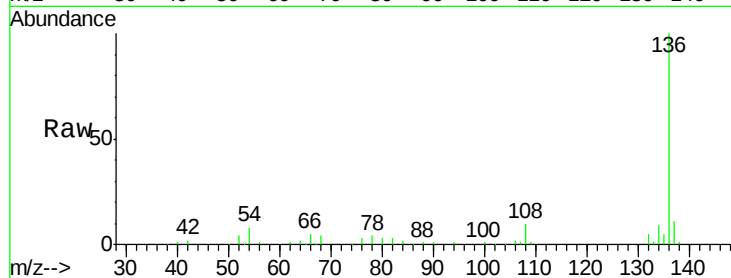
Ion Ratio Lower Upper

136 100

137 10.8 8.1 12.1

54 8.5 6.3 9.5

68 4.1 3.4 5.0

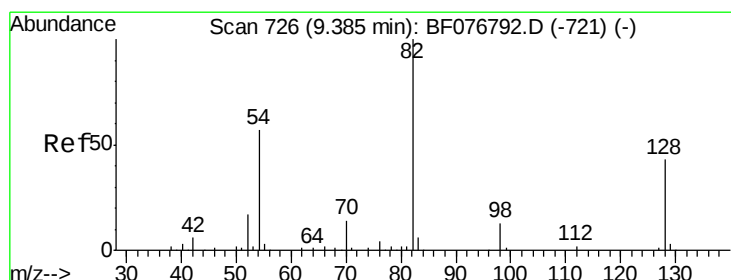
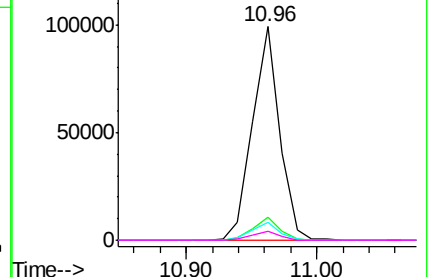
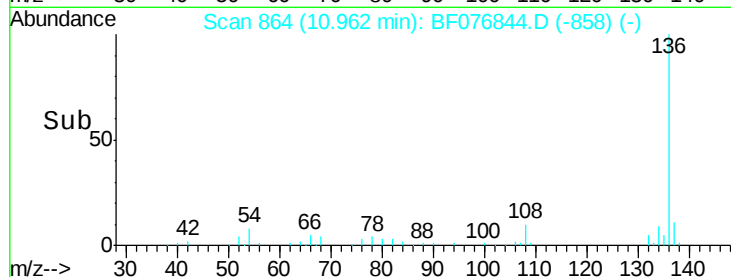


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.56 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

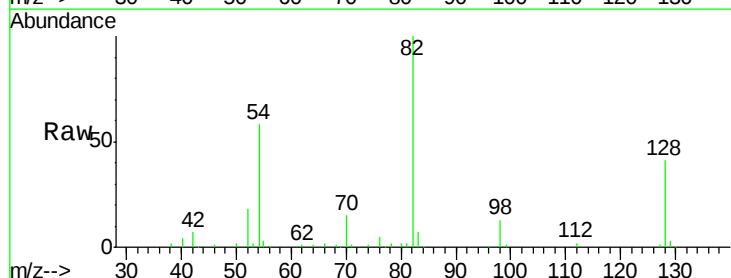
Tgt Ion: 82 Resp: 176954

Ion Ratio Lower Upper

82 100

128 41.4 34.0 51.0

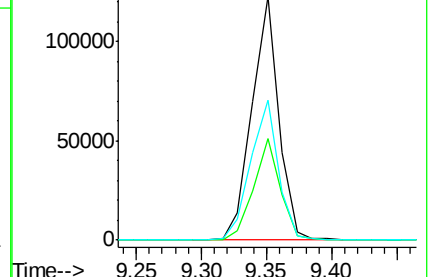
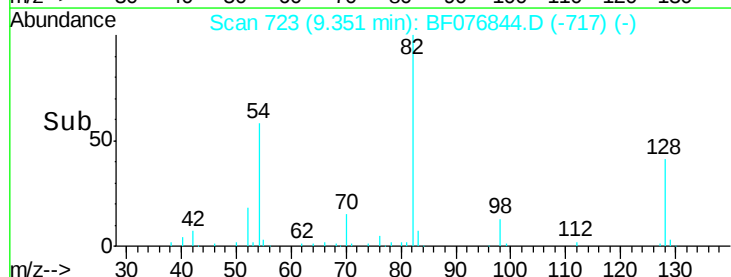
54 57.6 45.6 68.4

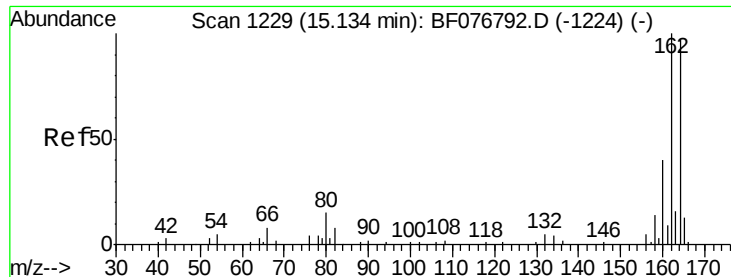


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.09 min Scan# 1225

Delta R.T. -0.05 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

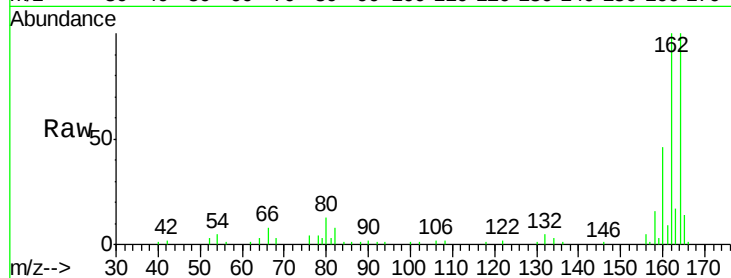
Tot Ion:164 Resp: 78493

Ion Ratio Lower Upper

164 100

162 100.3 82.5 123.7

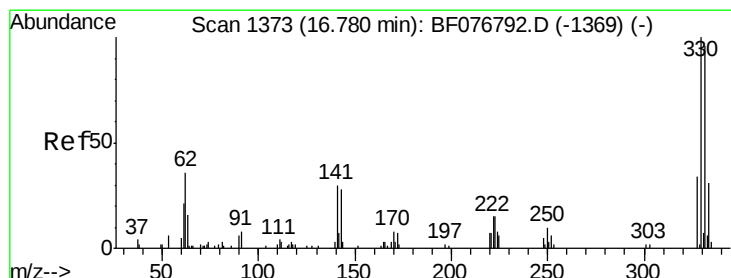
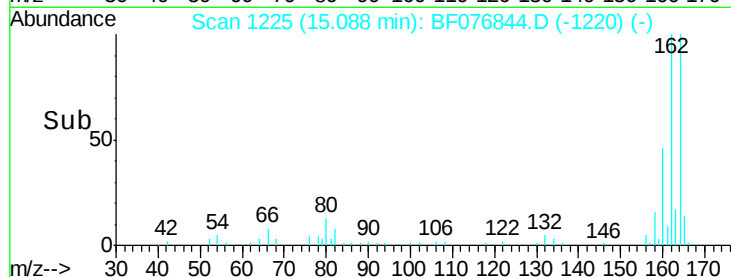
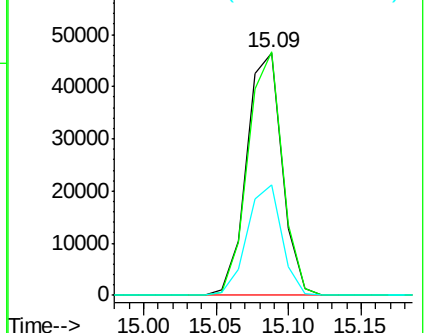
160 45.7 33.1 49.7



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: 107.70 ng

RT: 16.73 min Scan# 1369

Delta R.T. -0.05 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

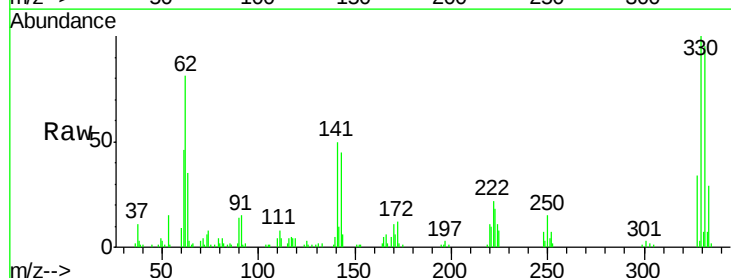
Tgt Ion:330 Resp: 70562

Ion Ratio Lower Upper

330 100

332 95.2 74.8 112.2

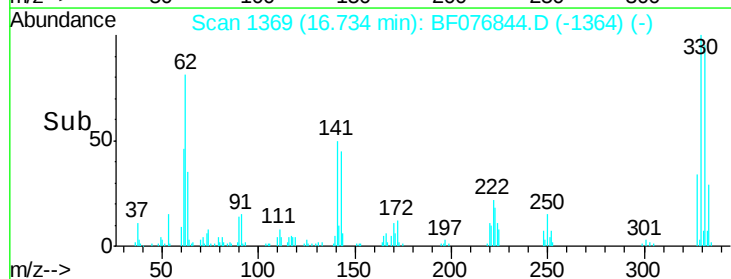
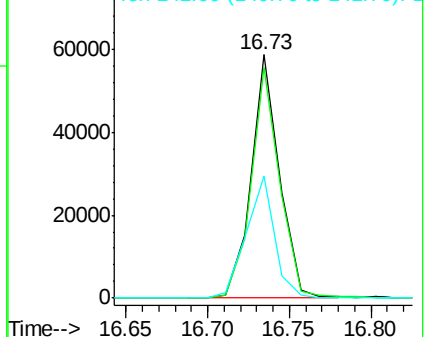
141 49.8 42.4 63.6

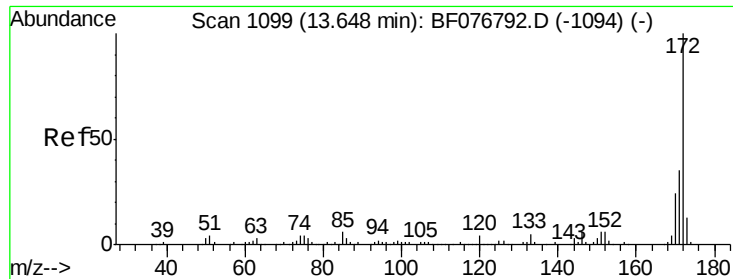


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

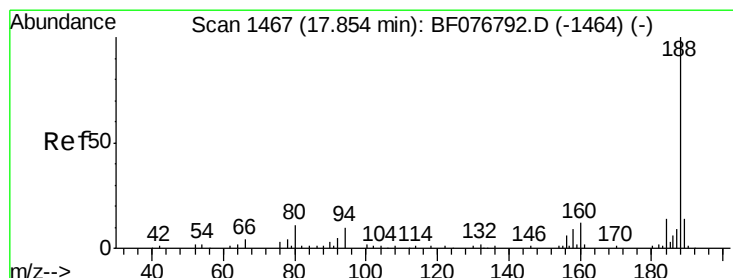
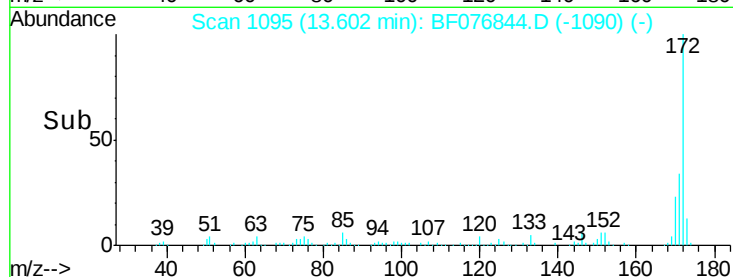
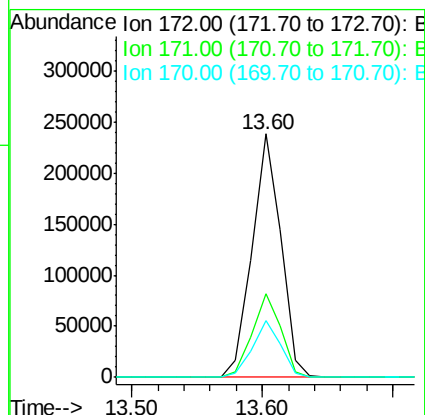
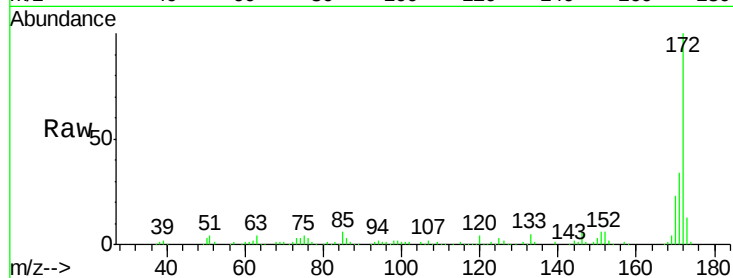




#44
2-Fluorobiphenyl
Concen: 68.57 ng
RT: 13.60 min Scan# 1095
Delta R.T. -0.05 min
Lab File: BF076844.D
Acq: 13 Jan 2015 15:08

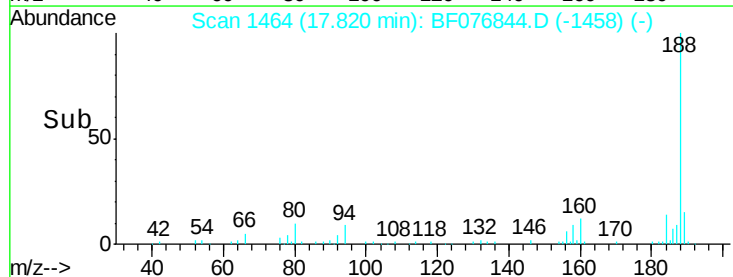
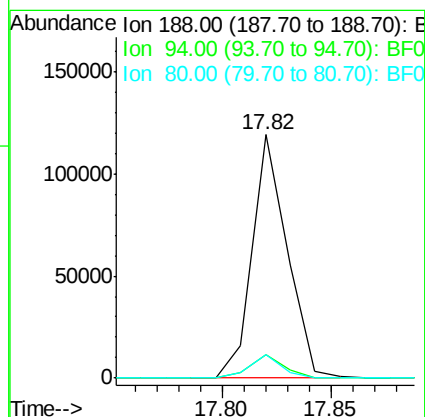
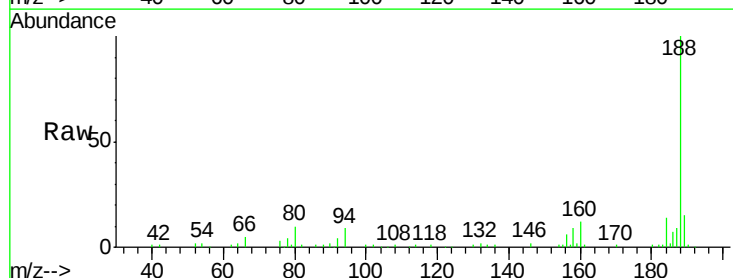
Instrument :
BNA_F
ClientSampleId :
PB81296BL

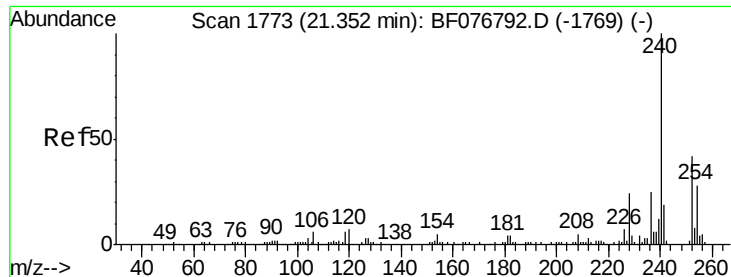
Tot Ion:172 Resp: 365716
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.82 min Scan# 1464
Delta R.T. -0.03 min
Lab File: BF076844.D
Acq: 13 Jan 2015 15:08

Tgt Ion:188 Resp: 133135
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 9.6 8.6 13.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

Instrument :

BNA_F

ClientSampleId :

PB81296BL

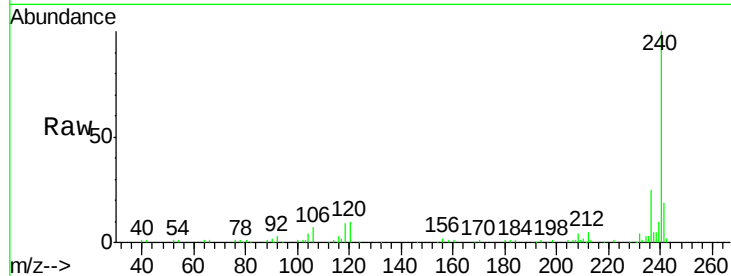
Tot Ion:240 Resp: 130933

Ion Ratio Lower Upper

240 100

120 10.4 5.7 8.5#

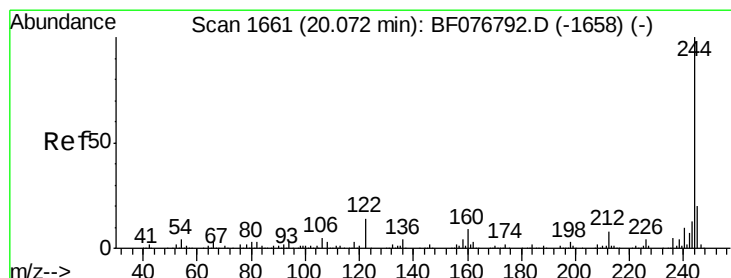
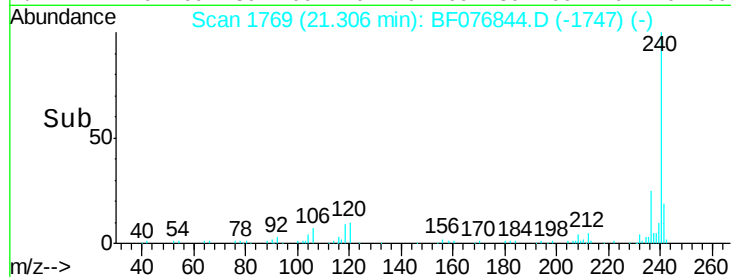
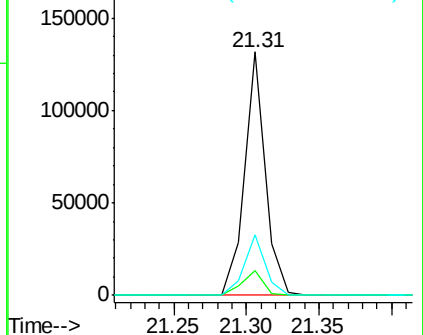
236 24.7 19.7 29.5



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: 65.35 ng

RT: 20.04 min Scan# 1658

Delta R.T. -0.03 min

Lab File: BF076844.D

Acq: 13 Jan 2015 15:08

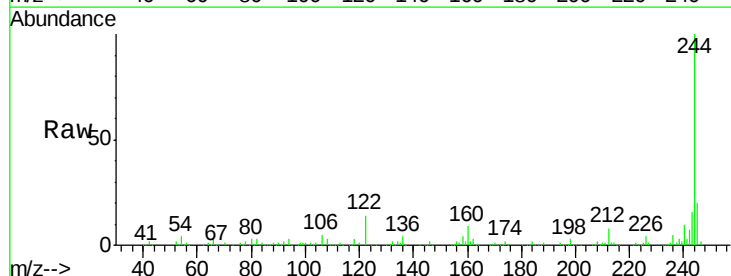
Tgt Ion:244 Resp: 389688

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

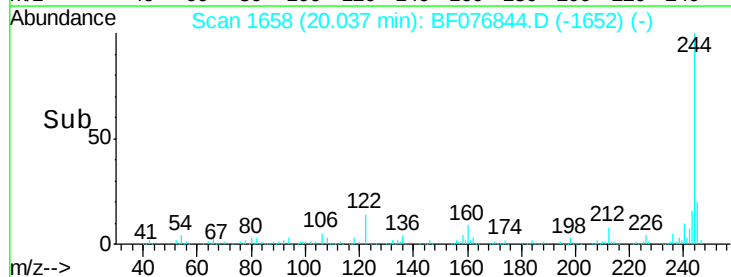
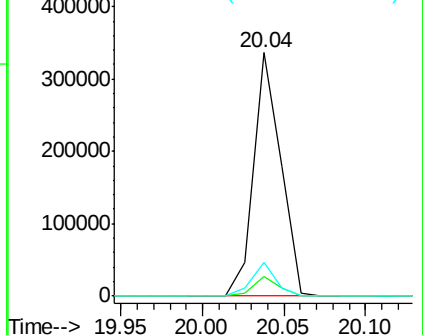
122 13.7 11.3 16.9

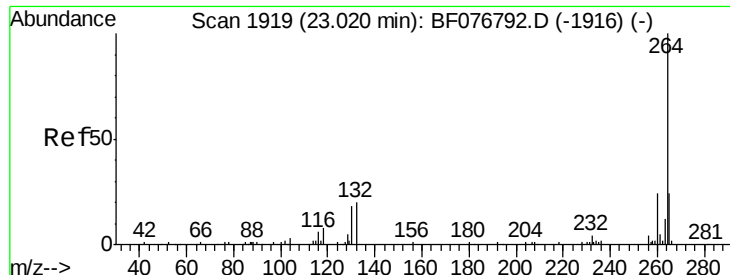


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

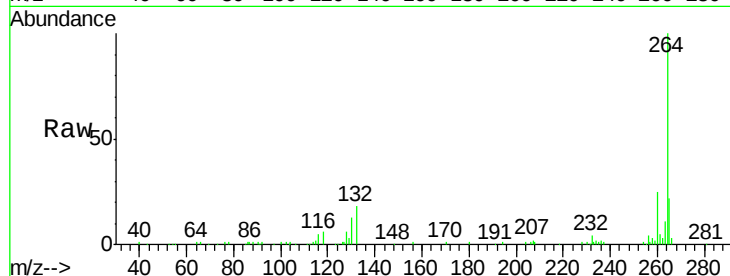




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.99 min Scan# 1916
 Delta R.T. -0.03 min
 Lab File: BF076844.D
 Acq: 13 Jan 2015 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB81296BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.4	29.0
265	22.3	18.9	28.3



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

