

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078403.D
 Acq On : 10 Apr 2015 17:00
 Operator : TP/IZ
 Sample : PB82621BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BL

Quant Time: Apr 11 00:46:15 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 11 00:31:48 2015
 Response via : Initial Calibration

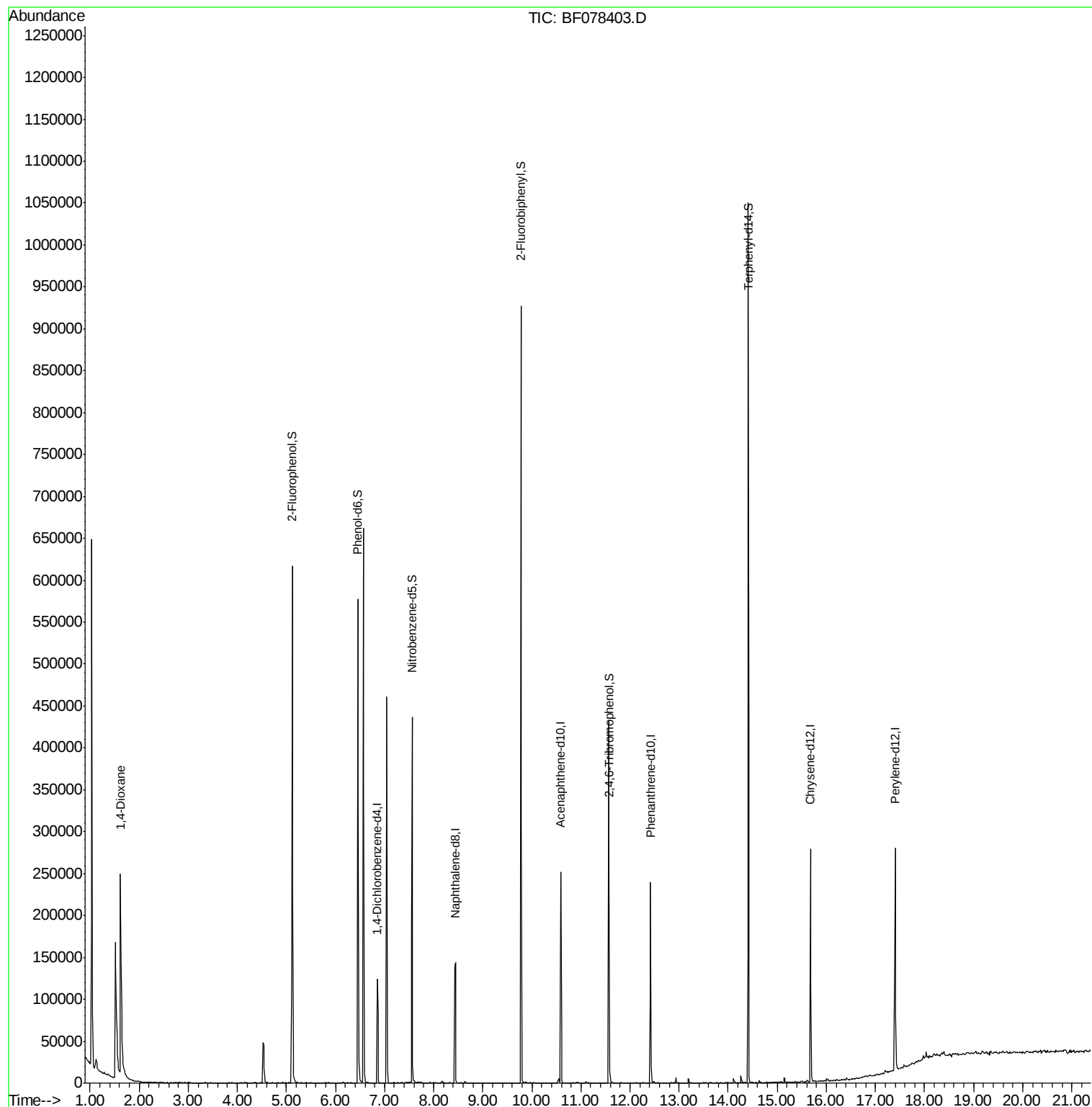
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	25614	20.00	ng	-0.01
21) Naphthalene-d8	8.44	136	103007	20.00	ng	0.00
38) Acenaphthene-d10	10.59	164	53067	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	105384	20.00	ng	0.00
75) Chrysene-d12	15.68	240	117100	20.00	ng	-0.01
86) Perylene-d12	17.40	264	121237	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	209838	135.07	ng	0.00
7) Phenol-d6	6.45	99	259451	133.26	ng	-0.01
23) Nitrobenzene-d5	7.56	82	153876	90.55	ng	0.00
41) 2,4,6-Tribromophenol	11.57	330	64482	146.51	ng	0.00
44) 2-Fluorobiphenyl	9.78	172	318195	85.71	ng	0.00
78) Terphenyl-d14	14.41	244	405900	78.33	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	9729	13.85	ng	Qvalue # 23

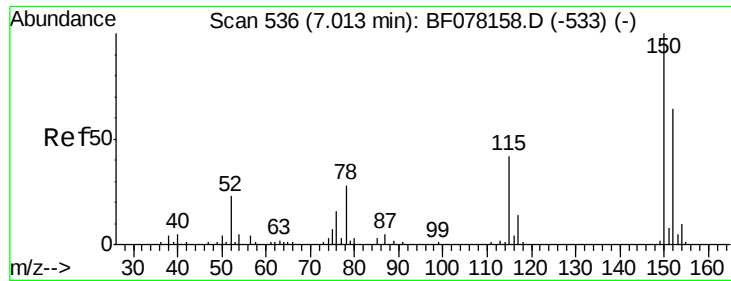
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB82621BL

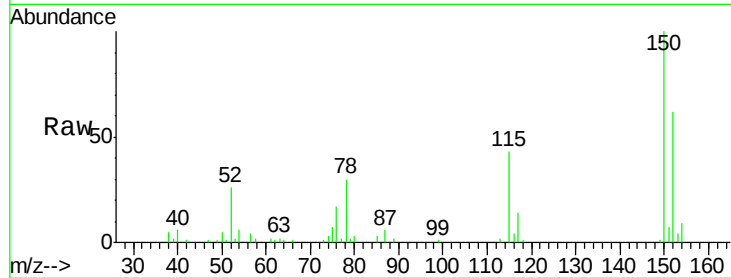
Tgt Ion:152 Resp: 25614

Ion Ratio Lower Upper

152 100

150 160.6 125.9 188.9

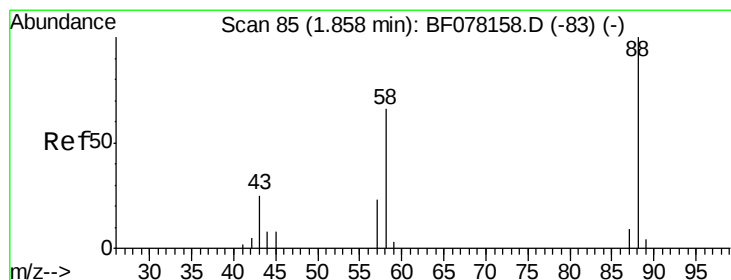
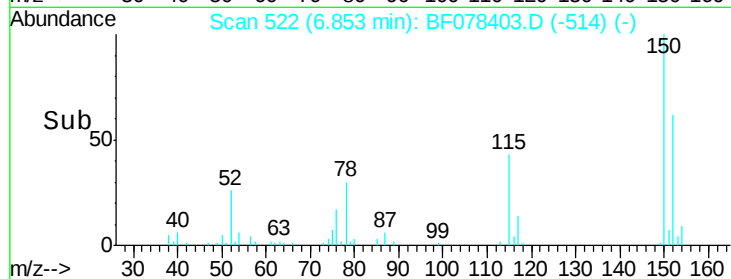
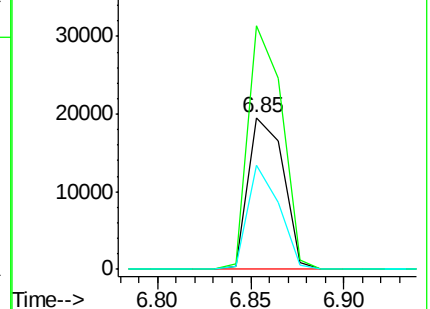
115 68.7 52.7 79.1



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: 13.85 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

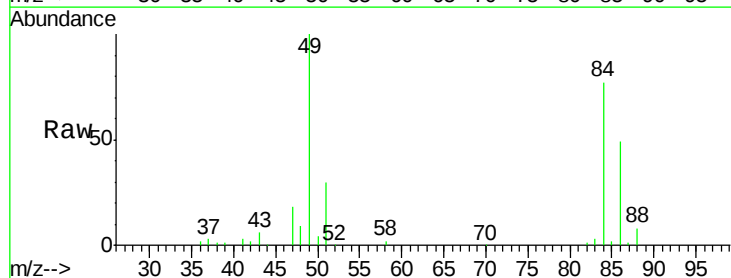
Tgt Ion: 88 Resp: 9729

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

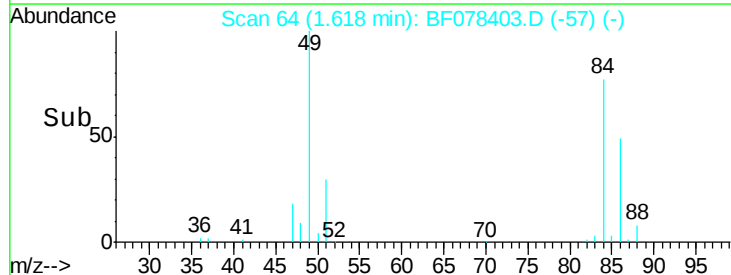
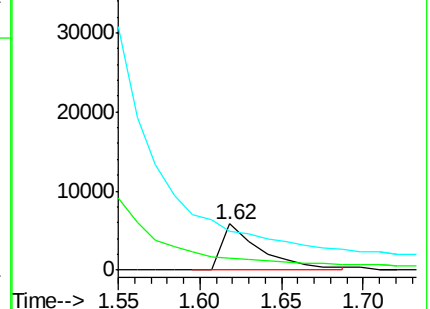
43 0.0 21.4 32.2#

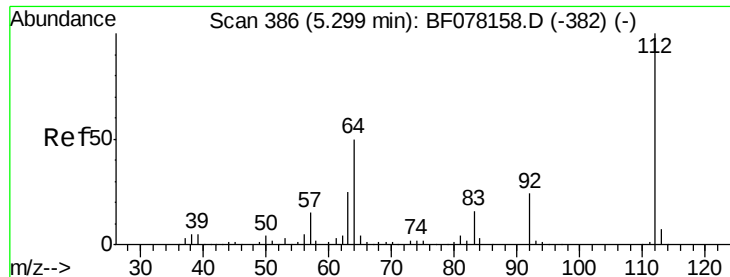


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 135.07 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

Instrument :

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ClientSampleId :

PB82621BL

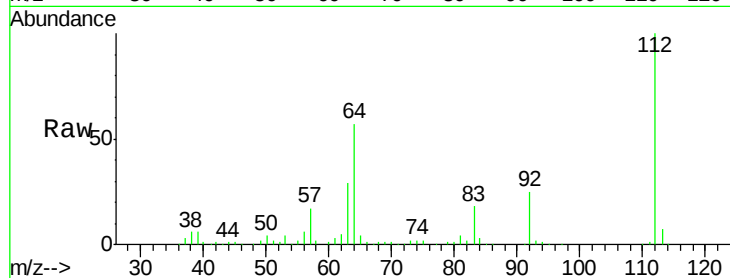
Tgt Ion: 112 Resp: 209838

Ion Ratio Lower Upper

112 100

64 56.9 39.9 59.9

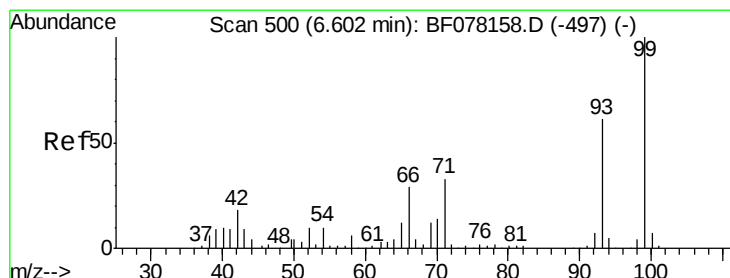
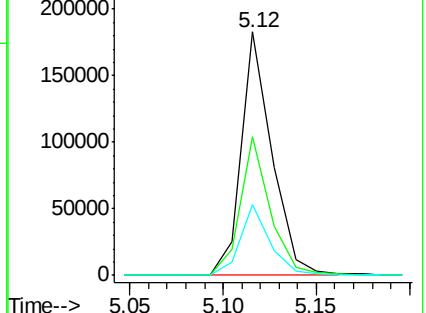
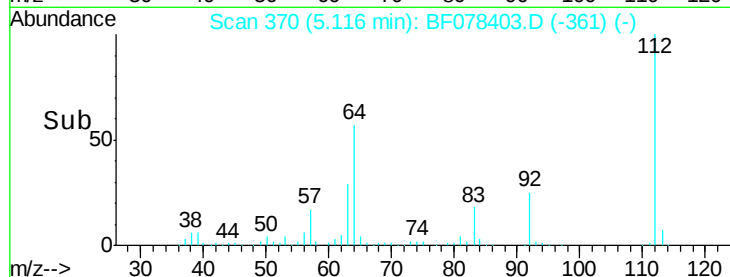
63 29.0 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 133.26 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

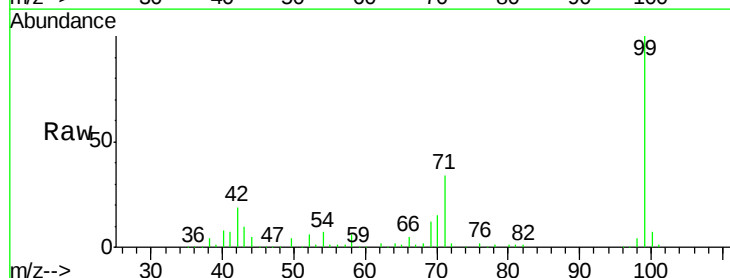
Tgt Ion: 99 Resp: 259451

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

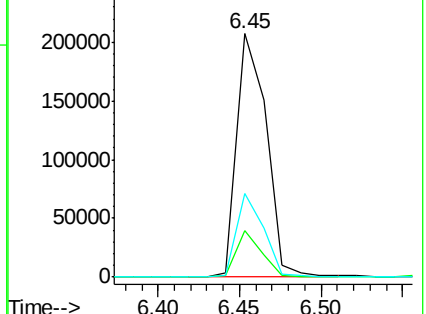
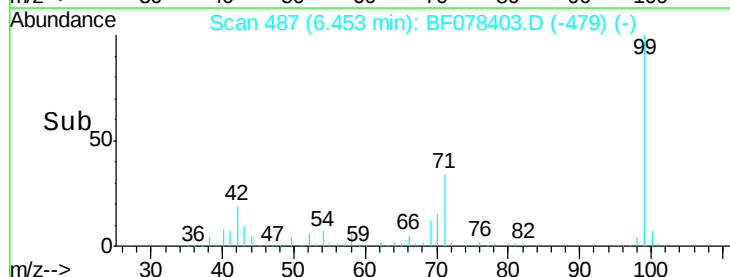
71 34.1 26.6 39.8

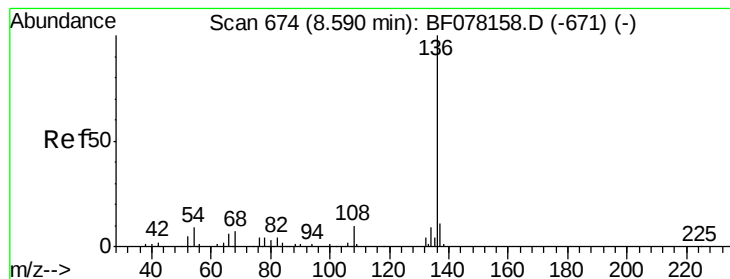


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB82621BL

Tgt Ion: 136 Resp: 103007

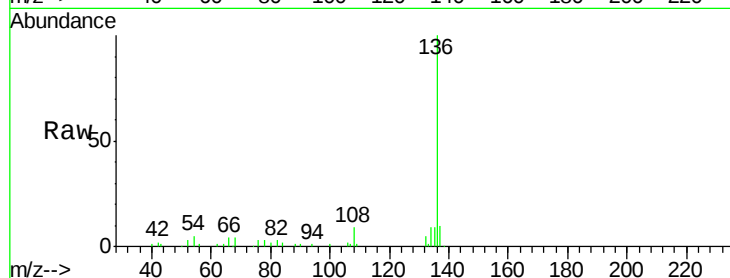
Ion Ratio Lower Upper

136 100

137 10.2 9.0 13.4

54 5.3 7.0 10.6#

68 4.1 5.4 8.2#

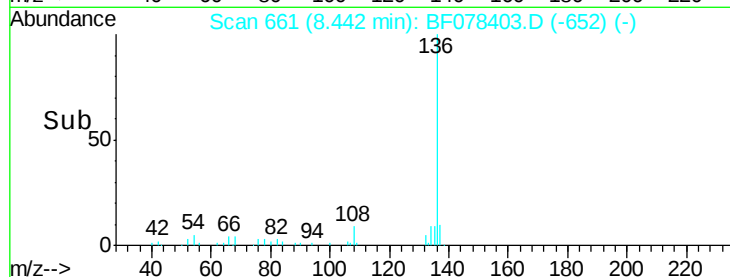


Abundance Ion 136.00 (135.70 to 136.70): E

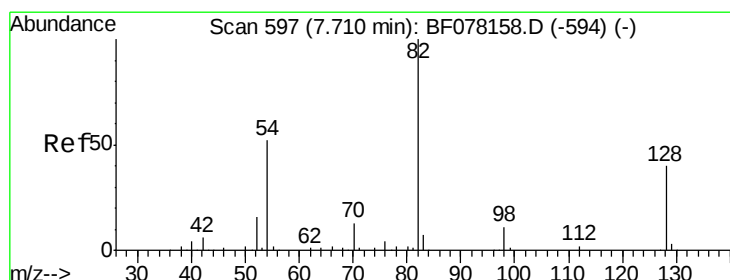
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 90.55 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

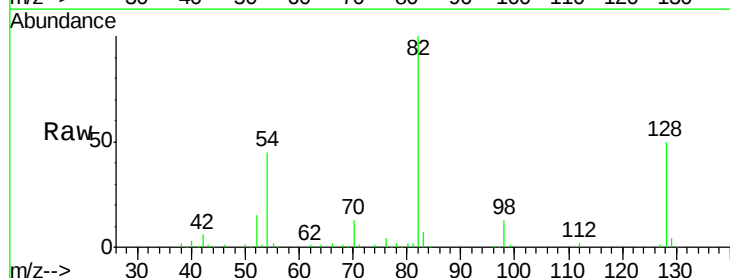
Tgt Ion: 82 Resp: 153876

Ion Ratio Lower Upper

82 100

128 50.2 31.8 47.8#

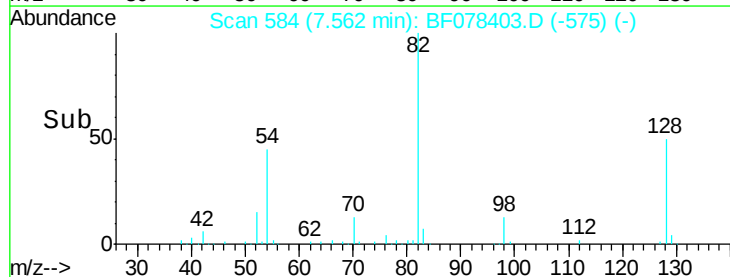
54 45.2 41.5 62.3



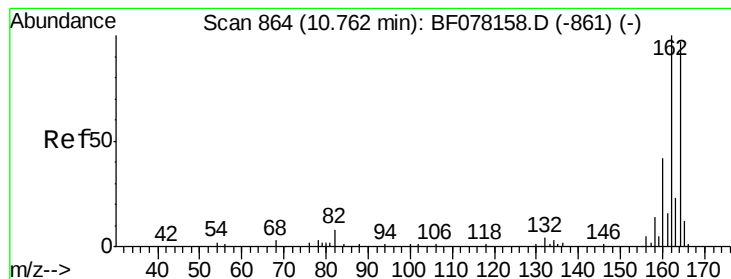
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.59 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

Instrument :

BNA_F

ClientSampleId :

PB82621BL

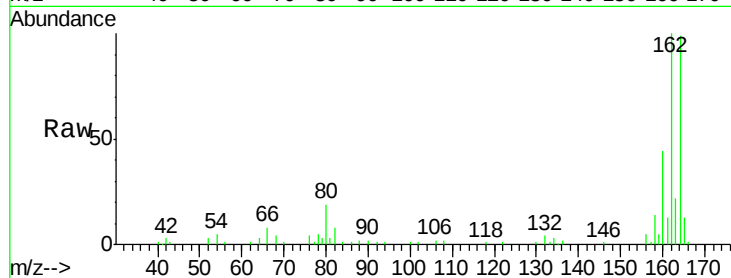
Tgt Ion:164 Resp: 53067

Ion Ratio Lower Upper

164 100

162 101.5 82.2 123.2

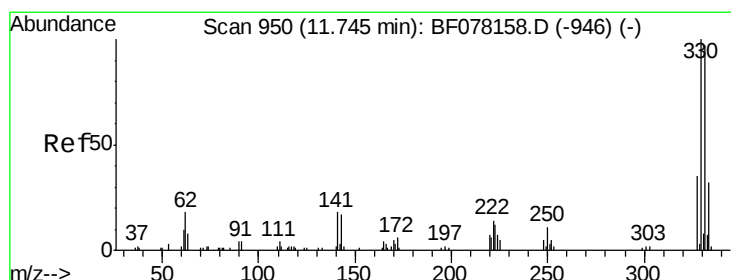
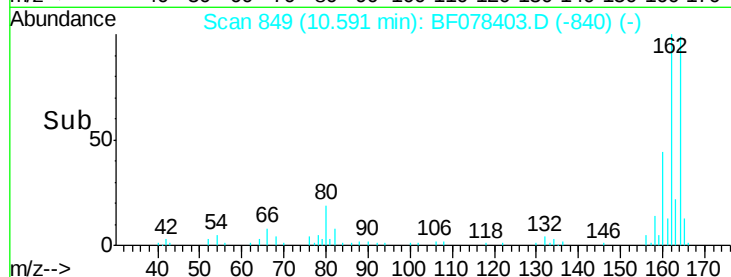
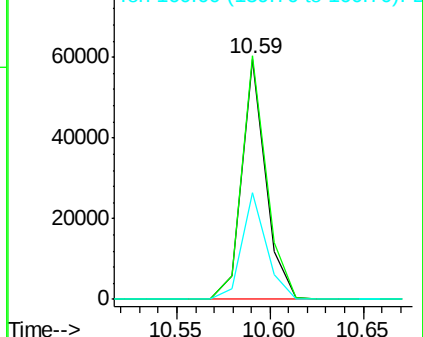
160 44.5 34.7 52.1



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: 146.51 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF078403.D

Acq: 10 Apr 2015 17:00

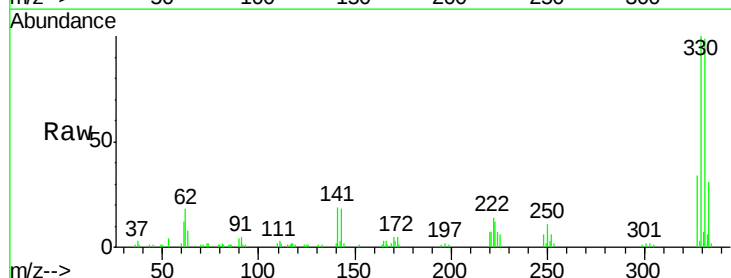
Tgt Ion:330 Resp: 64482

Ion Ratio Lower Upper

330 100

332 96.3 78.6 117.8

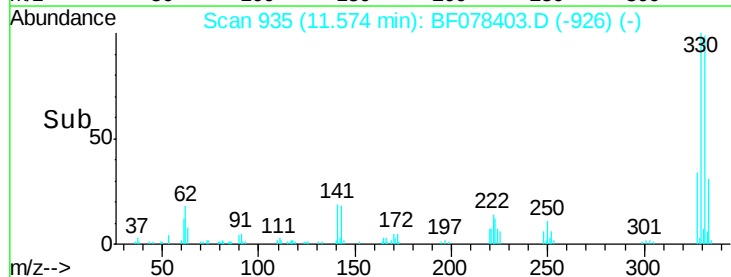
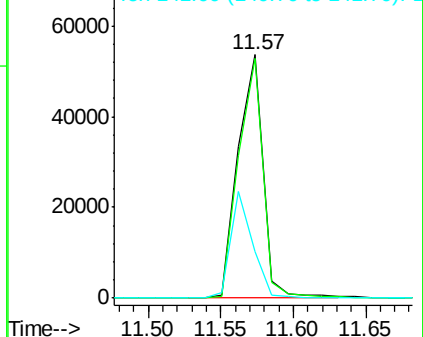
141 38.2 31.2 46.8



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

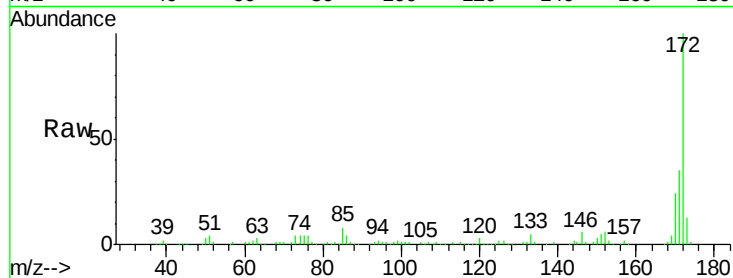




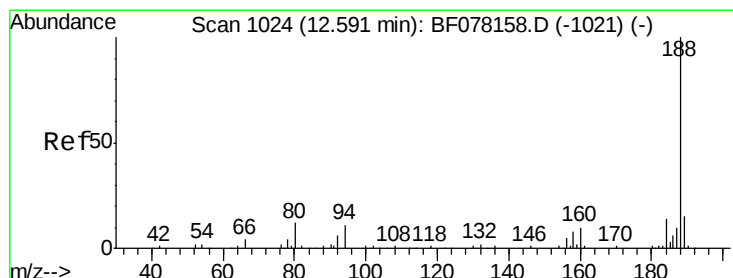
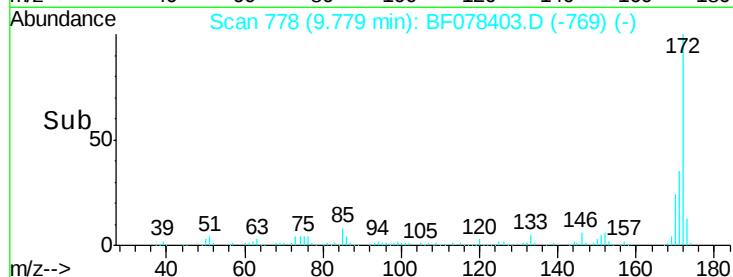
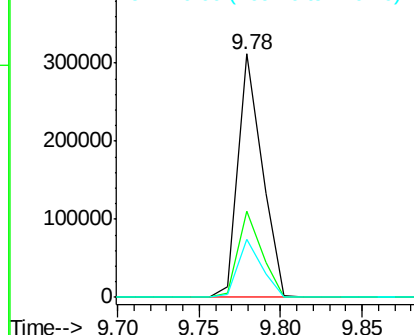
#44
 2-Fluorobiphenyl
 Concen: 85.71 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078403.D
 Acq: 10 Apr 2015 17:00

Instrument :
 BNA_F
 ClientSampleId :
 PB82621BL

Tgt Ion:172 Resp: 318195
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.6 18.5 27.7

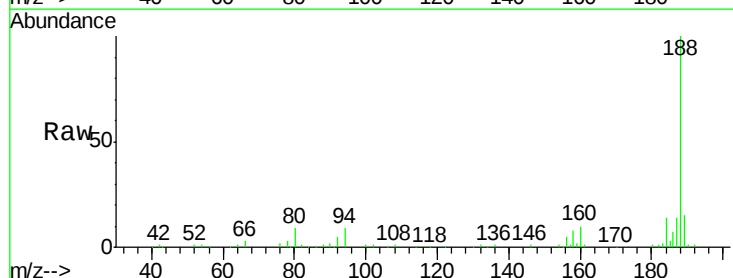


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

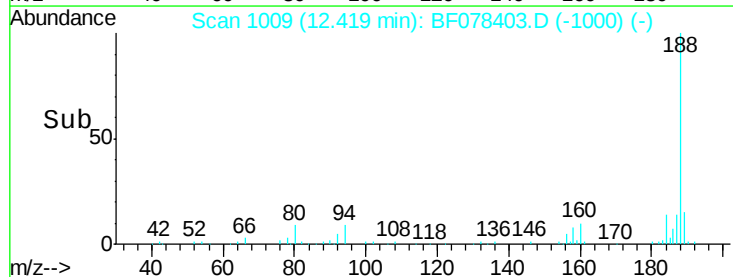
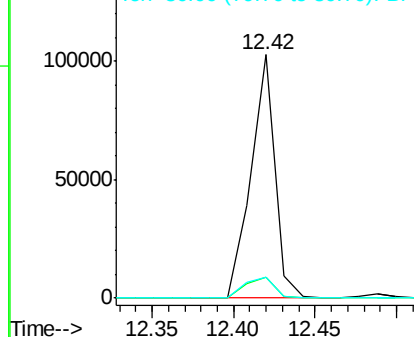


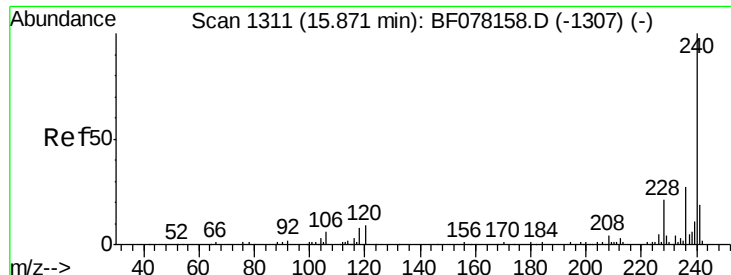
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.42 min Scan# 1009
 Delta R.T. 0.00 min
 Lab File: BF078403.D
 Acq: 10 Apr 2015 17:00

Tgt Ion:188 Resp: 105384
 Ion Ratio Lower Upper
 188 100
 94 8.6 9.0 13.4#
 80 8.8 9.5 14.3#



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

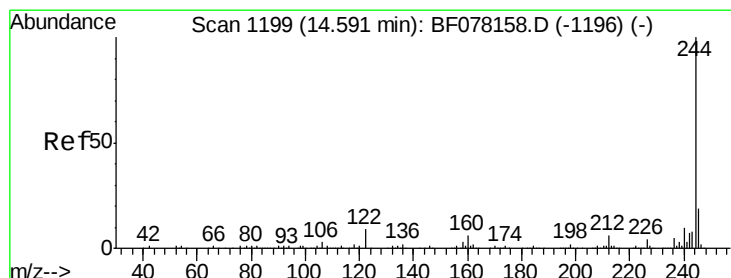
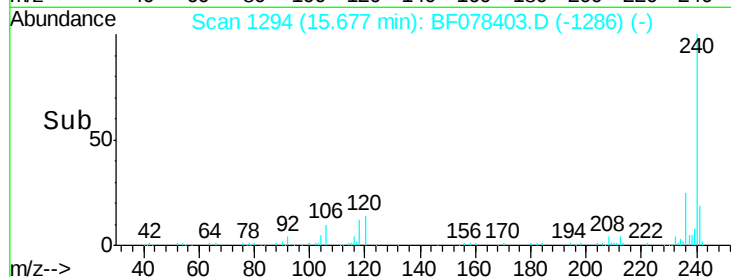
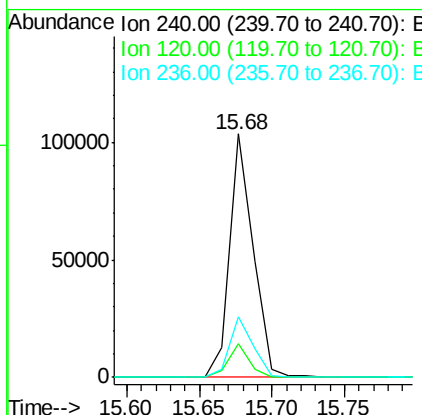
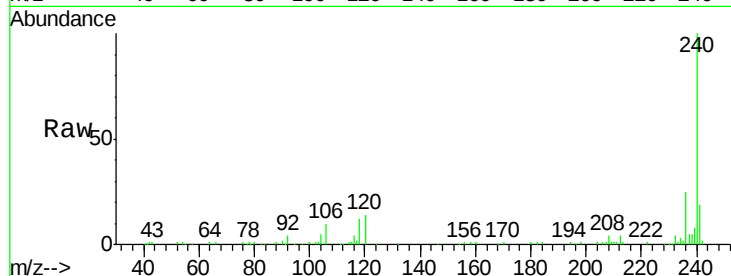




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.68 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF078403.D
 Acq: 10 Apr 2015 17:00

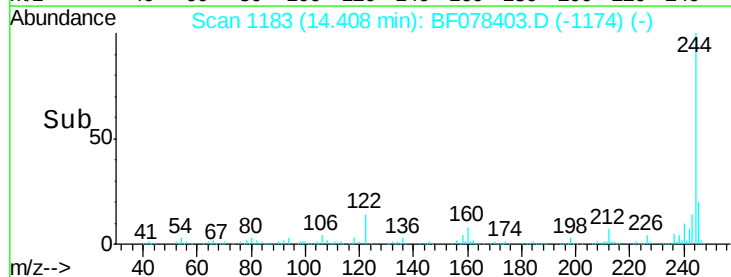
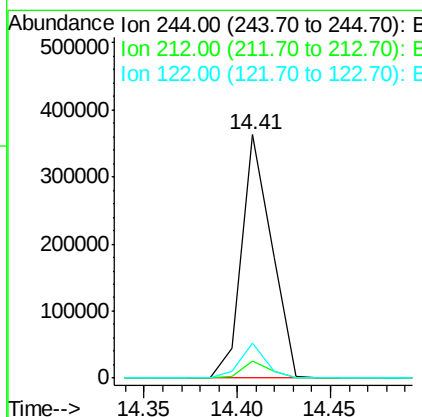
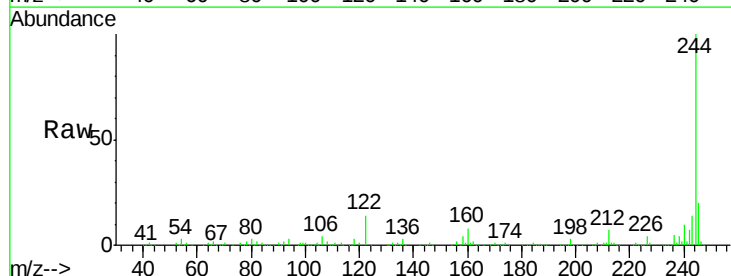
Instrument :
 BNA_F
 ClientSampled :
 PB82621BL

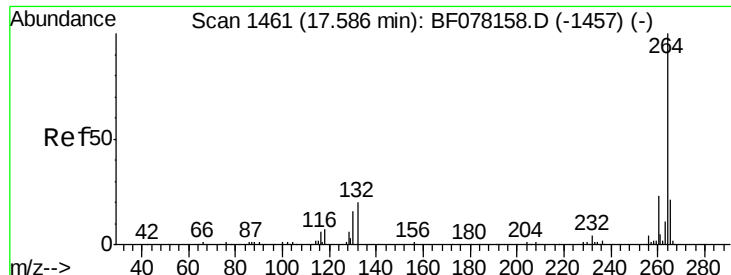
Tgt Ion:240 Resp: 117100
 Ion Ratio Lower Upper
 240 100
 120 14.0 7.1 10.7#
 236 24.8 21.4 32.2



#78
 Terphenyl-d14
 Concen: 78.33 ng
 RT: 14.41 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF078403.D
 Acq: 10 Apr 2015 17:00

Tgt Ion:244 Resp: 405900
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 14.2 7.1 10.7#

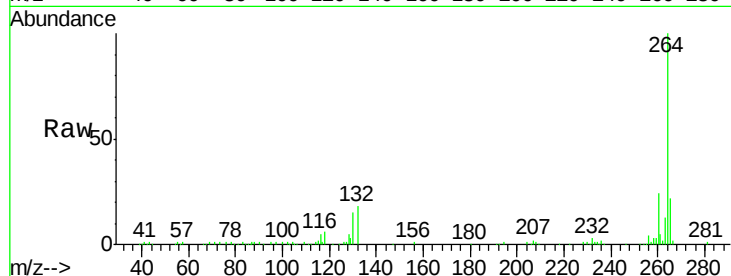




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.40 min Scan# 1445
Delta R.T. -0.05 min
Lab File: BF078403.D
Acq: 10 Apr 2015 17:00

Instrument :
BNA_F
ClientSampleId :
PB82621BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.6	17.0	25.6



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

