

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041015\
 Data File : BF078408.D
 Acq On : 10 Apr 2015 19:25
 Operator : TP/IZ
 Sample : G1791-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08C

Quant Time: Apr 11 00:49:54 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

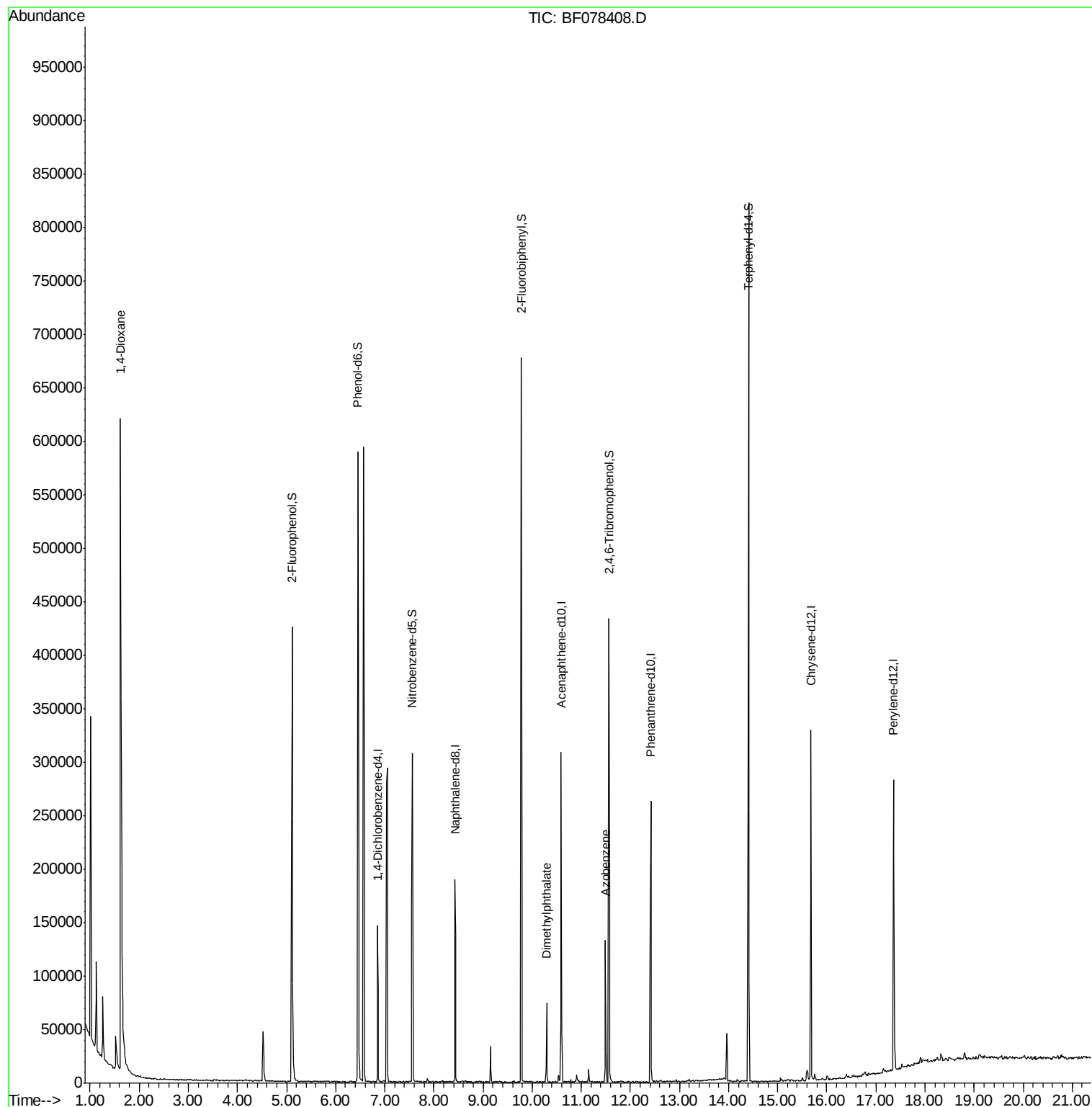
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	28571	20.00	ng	-0.01
21) Naphthalene-d8	8.43	136	118991	20.00	ng	-0.01
38) Acenaphthene-d10	10.59	164	62756	20.00	ng	0.00
63) Phenanthrene-d10	12.42	188	129864	20.00	ng	0.00
75) Chrysene-d12	15.68	240	144678	20.00	ng	-0.01
86) Perylene-d12	17.36	264	141059	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	166386	96.02	ng	0.00
7) Phenol-d6	6.45	99	212198	97.71	ng	-0.01
23) Nitrobenzene-d5	7.56	82	120757	61.51	ng	0.00
41) 2,4,6-Tribromophenol	11.56	330	56300	108.17	ng	-0.01
44) 2-Fluorobiphenyl	9.78	172	217508	49.54	ng	0.00
78) Terphenyl-d14	14.41	244	294068	45.93	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.62	88	25473	32.51	ng	# 23
49) Dimethylphthalate	10.29	163	32696	6.93	ng	99
62) Azobenzene	11.49	77	25034	6.03	ng	# 1

(#) = 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: BF078408.D

Acq: 10 Apr 2015 19:25

Instrument :

BNA_F

ClientSampleId :

LS-SD08C

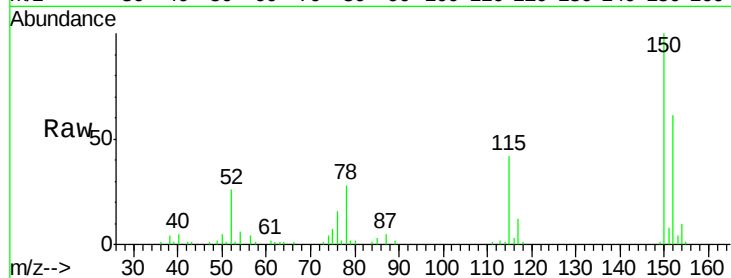
Tgt Ion:152 Resp: 28571

Ion Ratio Lower Upper

152 100

150 163.9 125.9 188.9

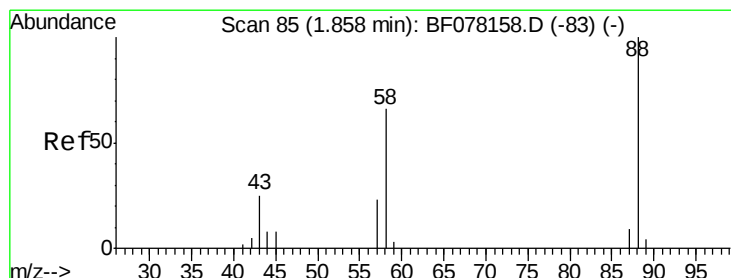
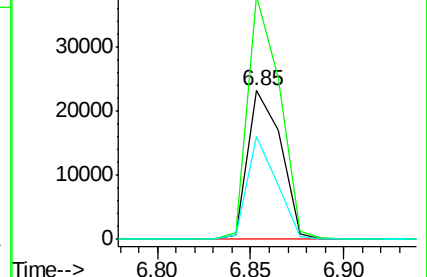
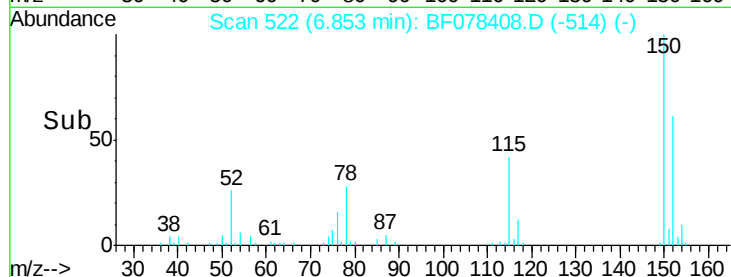
115 69.5 52.7 79.1



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: 32.51 ng

RT: 1.62 min Scan# 64

Delta R.T. -0.02 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

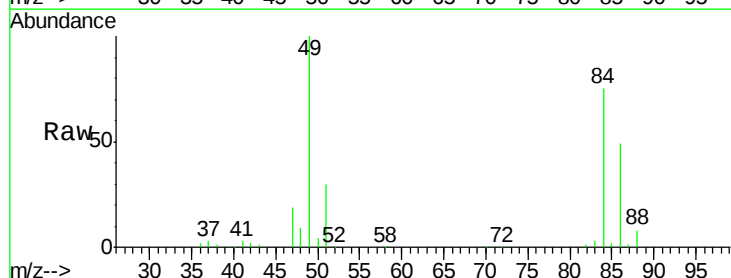
Tgt Ion: 88 Resp: 25473

Ion Ratio Lower Upper

88 100

58 0.0 56.9 85.3#

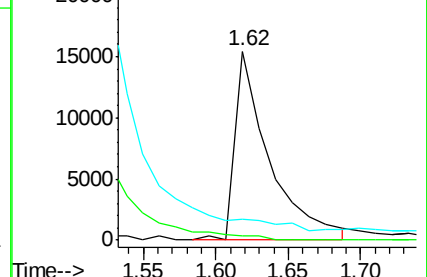
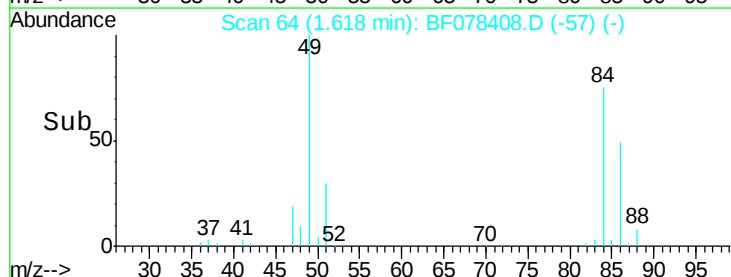
43 0.0 21.4 32.2#

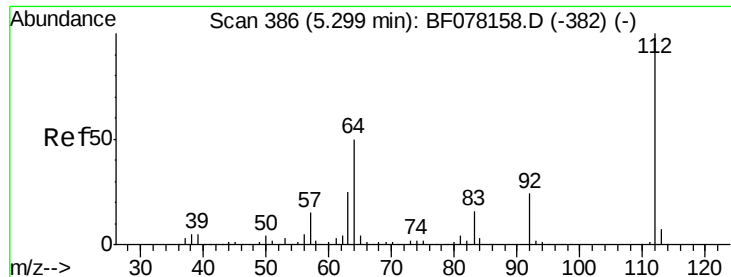


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 96.02 ng

RT: 5.12 min Scan# 370

Delta R.T. 0.00 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

Instrument :

BNA_F

ClientSampleId :

LS-SD08C

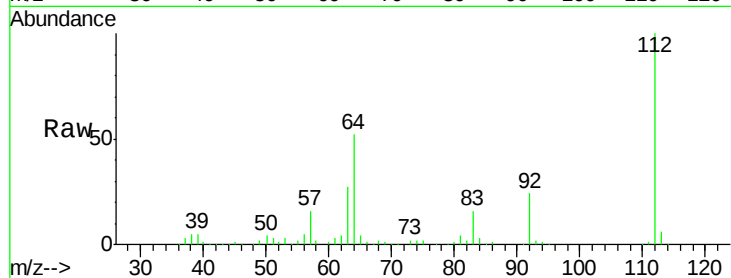
Tgt Ion: 112 Resp: 166386

Ion Ratio Lower Upper

112 100

64 51.8 39.9 59.9

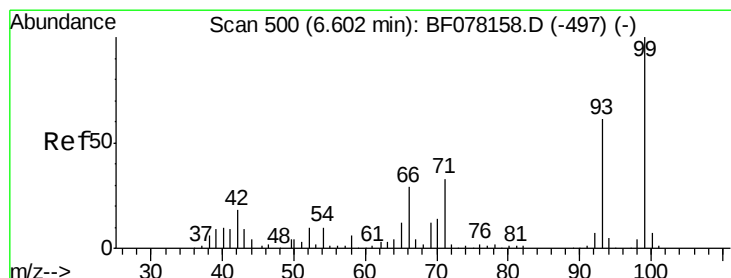
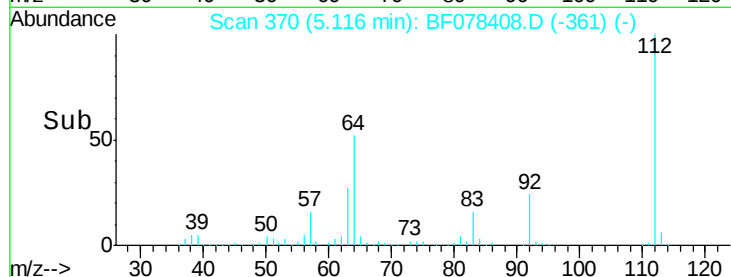
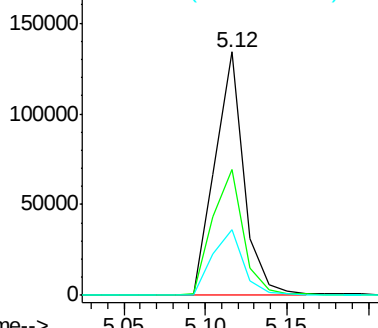
63 26.8 20.2 30.4



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: 97.71 ng

RT: 6.45 min Scan# 487

Delta R.T. -0.01 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

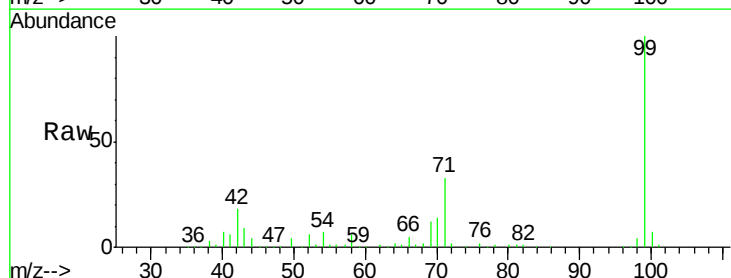
Tgt Ion: 99 Resp: 212198

Ion Ratio Lower Upper

99 100

42 18.0 14.8 22.2

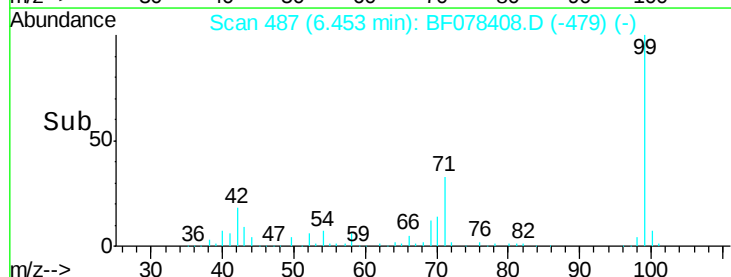
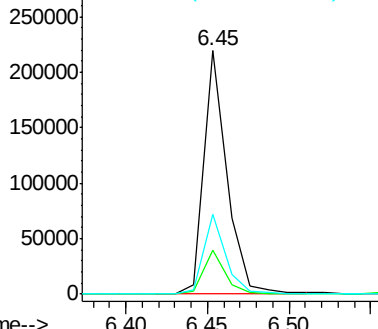
71 32.7 26.6 39.8



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: 8.43 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

Instrument :

BNA_F

ClientSampleId :

LS-SD08C

Tgt Ion:136 Resp: 118991

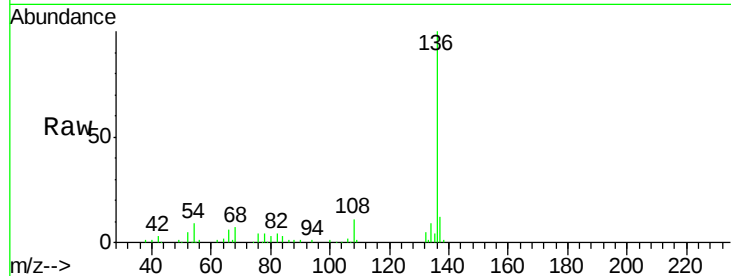
Ion Ratio Lower Upper

136 100

137 11.6 9.0 13.4

54 9.0 7.0 10.6

68 6.6 5.4 8.2

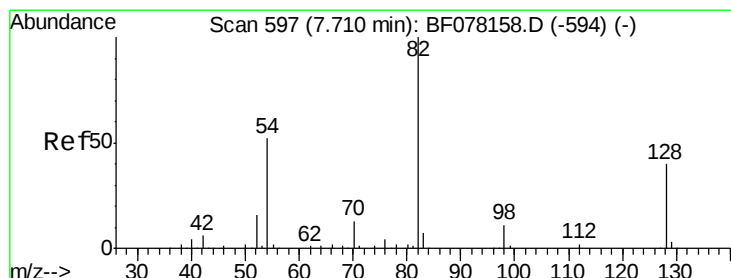
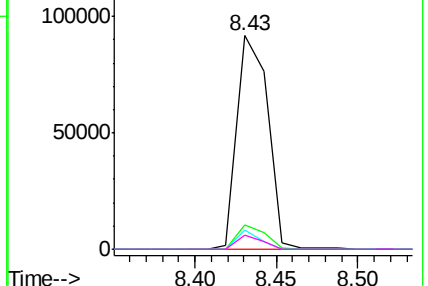
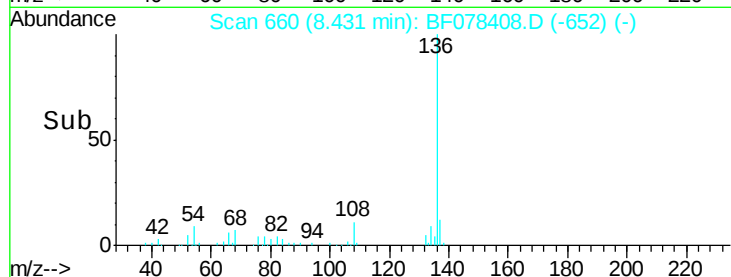


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 61.51 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

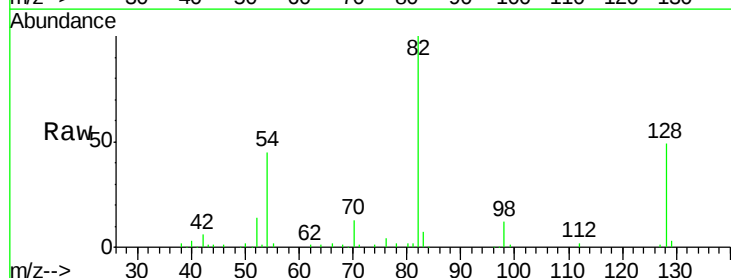
Tgt Ion: 82 Resp: 120757

Ion Ratio Lower Upper

82 100

128 48.7 31.8 47.8#

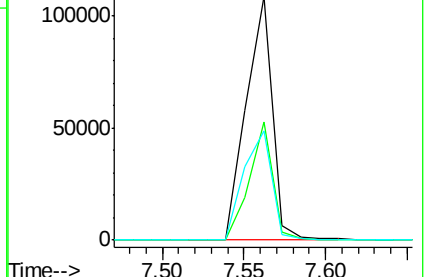
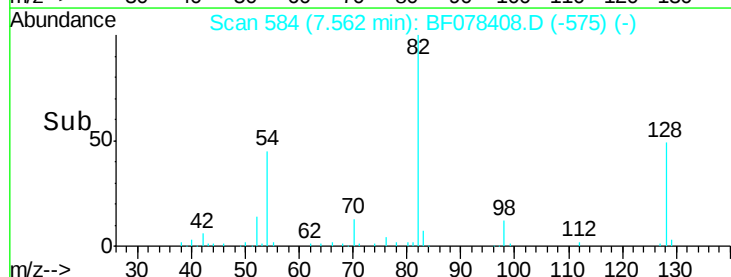
54 45.0 41.5 62.3

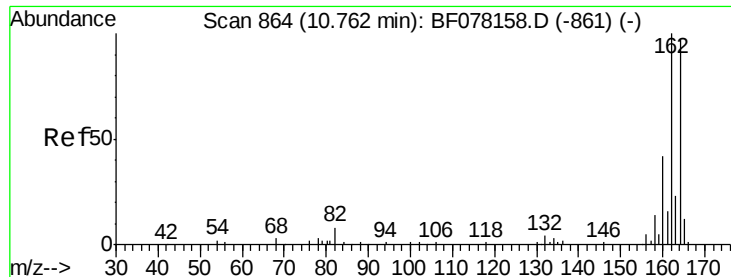


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

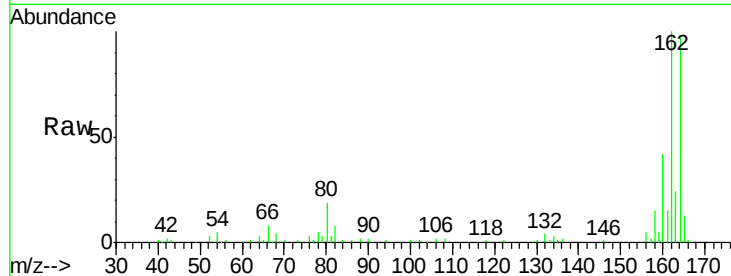




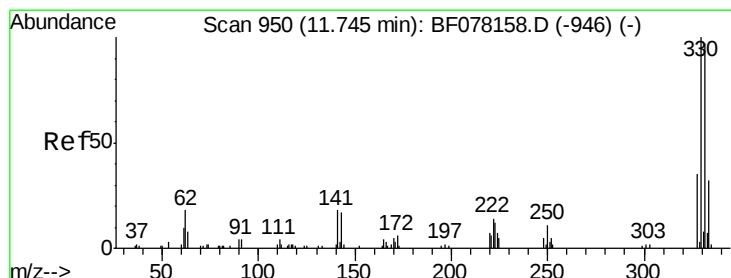
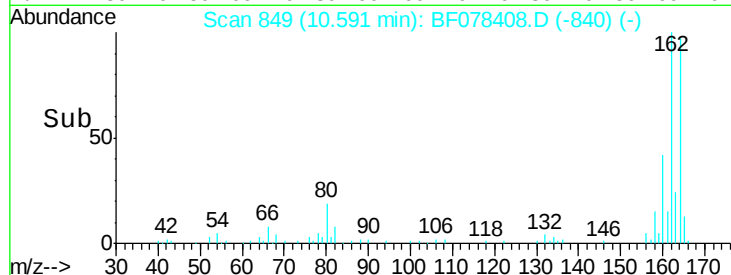
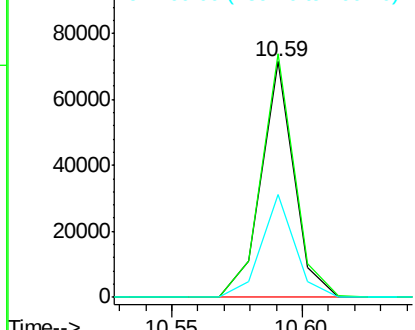
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.59 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF078408.D
 Acq: 10 Apr 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08C

Tgt Ion:164 Resp: 62756
 Ion Ratio Lower Upper
 164 100
 162 103.4 82.2 123.2
 160 43.8 34.7 52.1

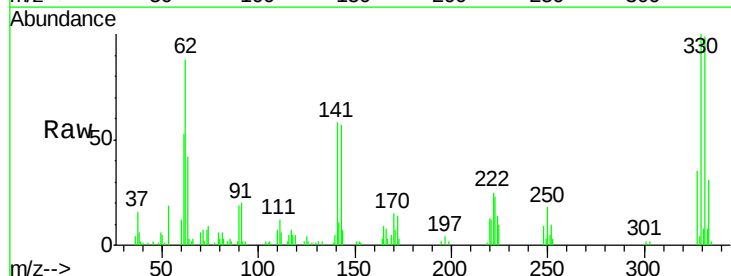


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

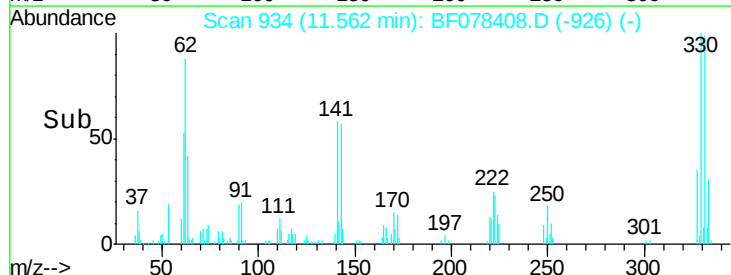
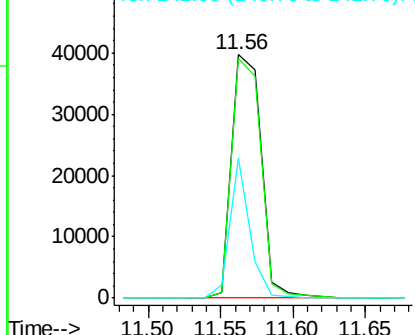


#41
 2,4,6-Tribromophenol
 Concen: 108.17 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF078408.D
 Acq: 10 Apr 2015 19:25

Tgt Ion:330 Resp: 56300
 Ion Ratio Lower Upper
 330 100
 332 97.8 78.6 117.8
 141 39.0 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

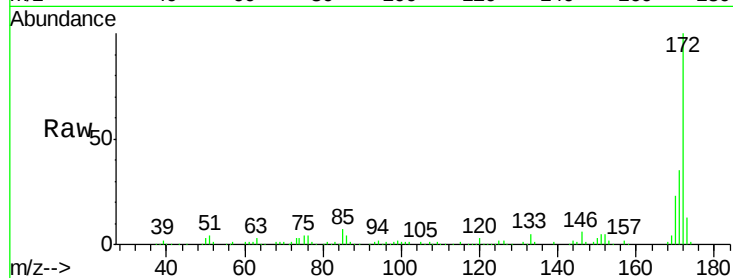




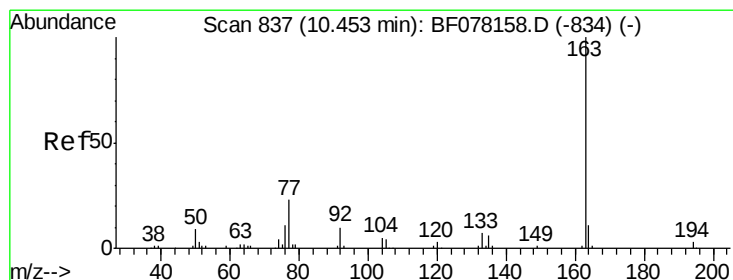
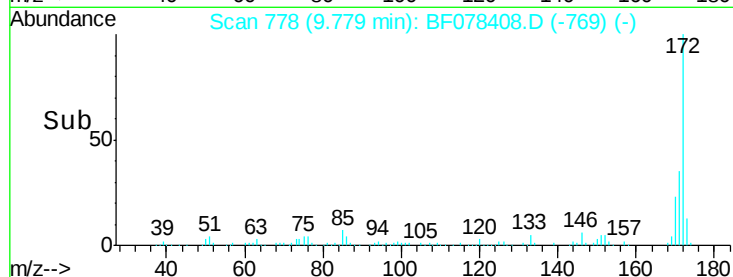
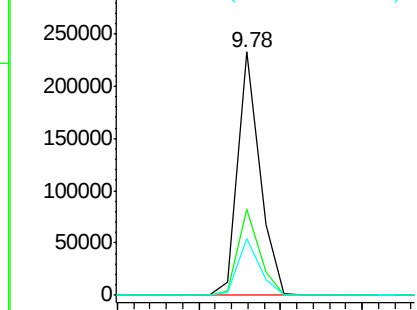
#44
 2-Fluorobiphenyl
 Concen: 49.54 ng
 RT: 9.78 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: BF078408.D
 Acq: 10 Apr 2015 19:25

Instrument :
 BNA_F
 ClientSampleId :
 LS-SD08C

Tgt Ion:172 Resp: 217508
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.0 18.5 27.7

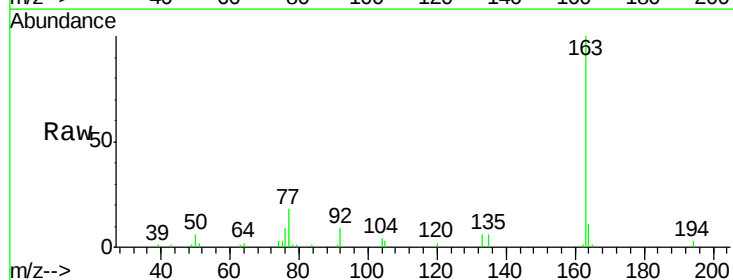


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

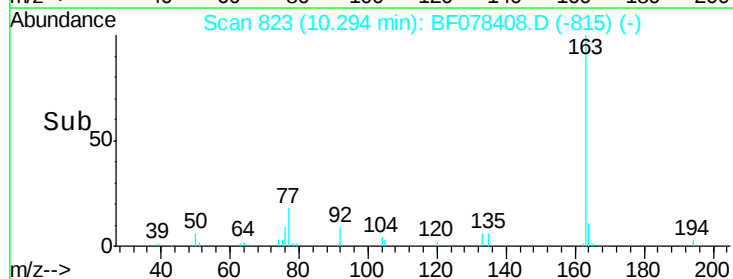
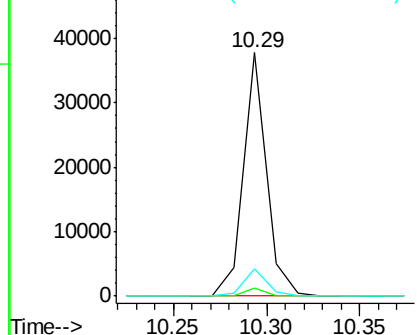


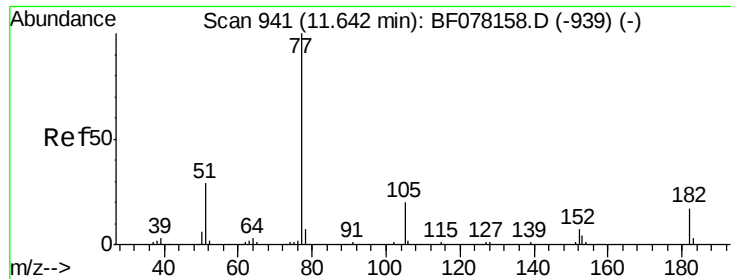
#49
 Dimethylphthalate
 Concen: 6.93 ng
 RT: 10.29 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF078408.D
 Acq: 10 Apr 2015 19:25

Tgt Ion:163 Resp: 32696
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.3 3.5
 164 11.0 8.6 13.0



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





#62

Azobenzene

Concen: 6.03 ng

RT: 11.49 min Scan# 928

Delta R.T. 0.01 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

Instrument :

BNA_F

ClientSampleId :

LS-SD08C

Tgt Ion: 77 Resp: 25034

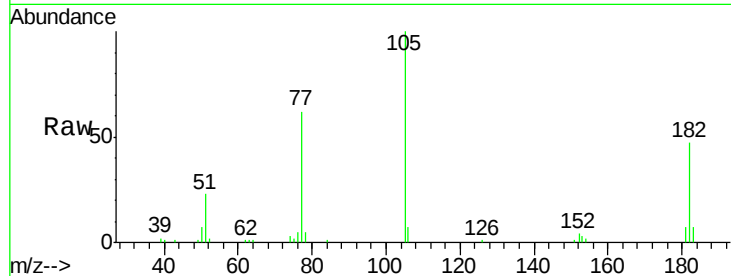
Ion Ratio Lower Upper

77 100

182 75.7 0.0 36.8#

105 162.0 0.3 40.3#

51 38.0 9.1 49.1

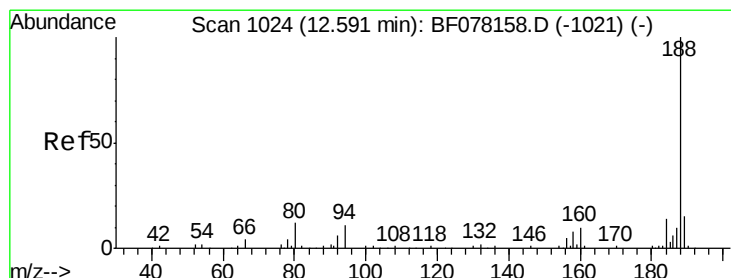
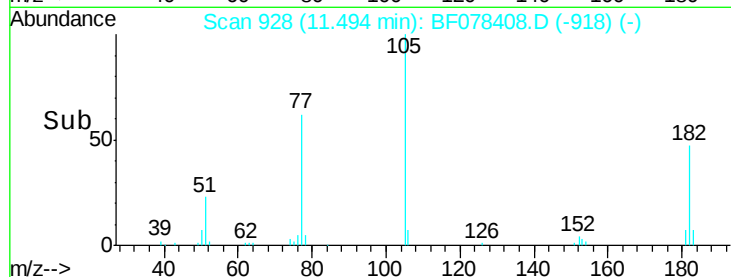
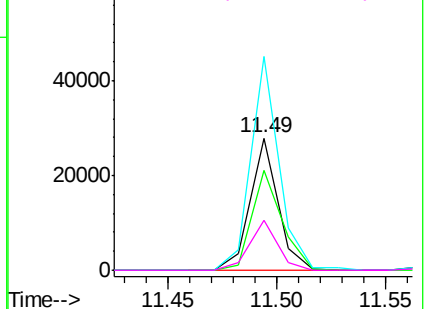


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.42 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF078408.D

Acq: 10 Apr 2015 19:25

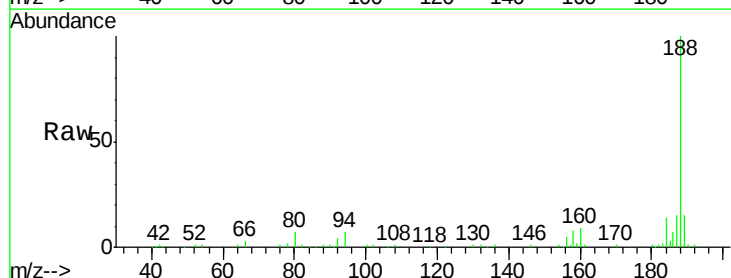
Tgt Ion: 188 Resp: 129864

Ion Ratio Lower Upper

188 100

94 6.9 9.0 13.4#

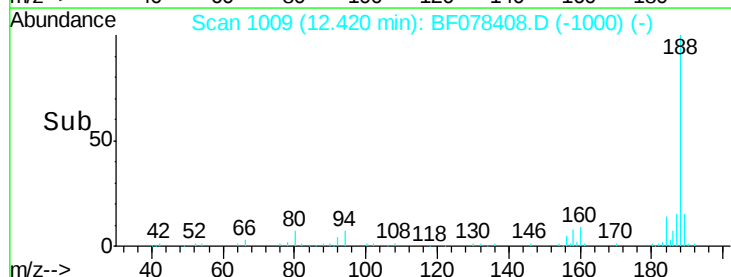
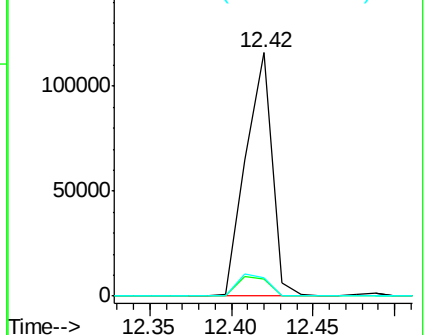
80 7.3 9.5 14.3#

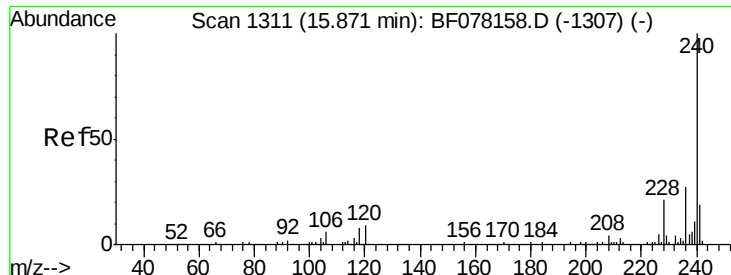


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

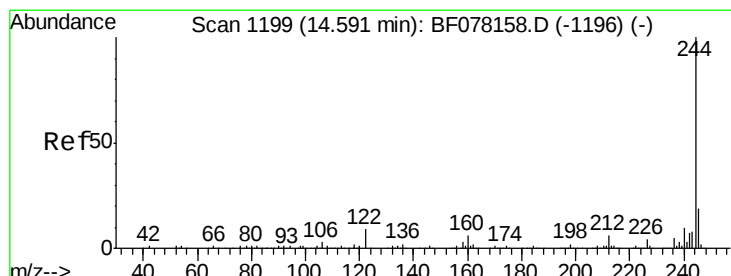
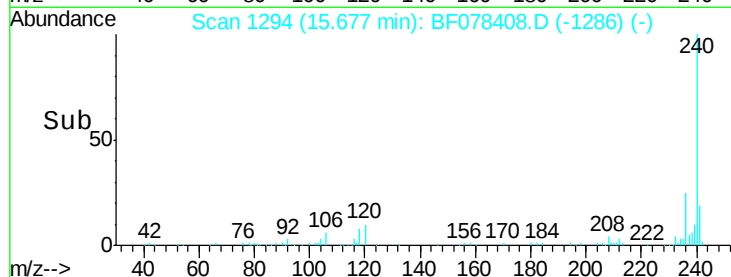
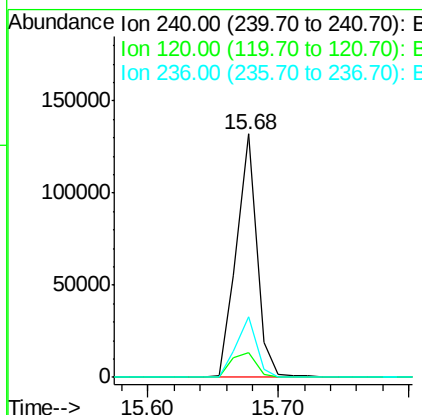
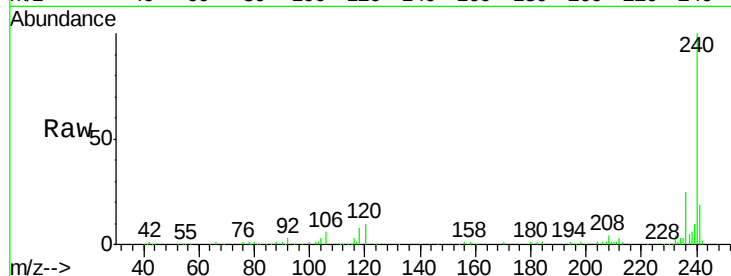




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.68 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF078408.D
Acq: 10 Apr 2015 19:25

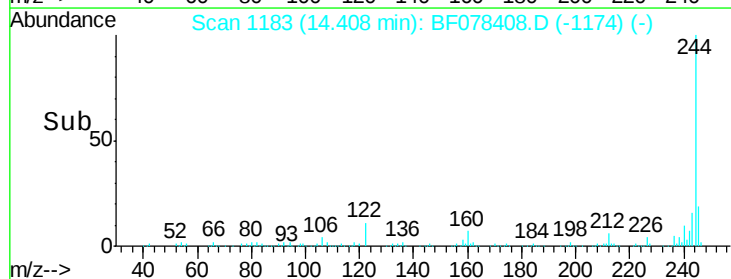
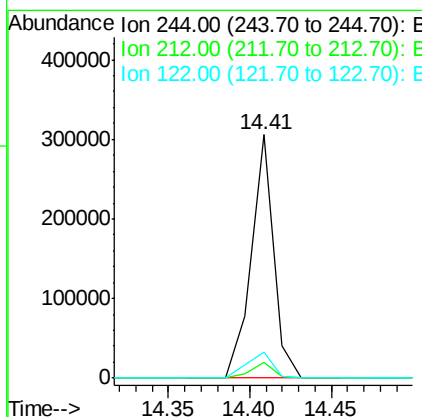
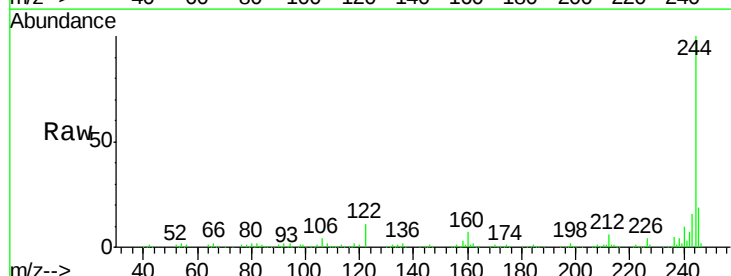
Instrument :
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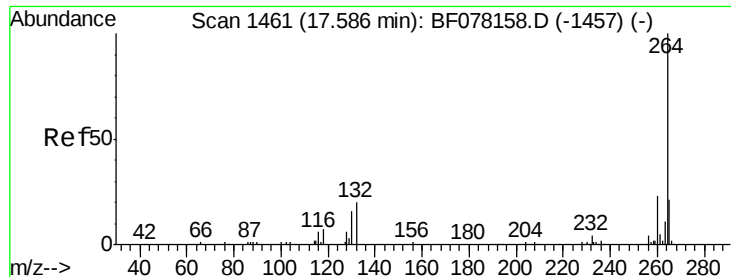
Tgt Ion:240 Resp: 144678
Ion Ratio Lower Upper
240 100
120 10.3 7.1 10.7
236 24.6 21.4 32.2



#78
Terphenyl-d14
Concen: 45.93 ng
RT: 14.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF078408.D
Acq: 10 Apr 2015 19:25

Tgt Ion:244 Resp: 294068
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 10.7 7.1 10.7#





#86
Perylene-d12
Concen: 20.00 ng
RT: 17.36 min Scan# 1441
Delta R.T. -0.09 min
Lab File: BF078408.D
Acq: 10 Apr 2015 19:25

Instrument :
BNA_F
ClientSampleId :
LS-SD08C

Tgt Ion: 264 Resp: 141059
Ion Ratio Lower Upper
264 100
260 22.9 18.6 27.8
265 21.5 17.0 25.6

