

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078822.D
 Acq On : 29 Apr 2015 19:26
 Operator : TP/IZ
 Sample : G2003-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)

Quant Time: Apr 30 01:15:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 00:55:08 2015
 Response via : Initial Calibration

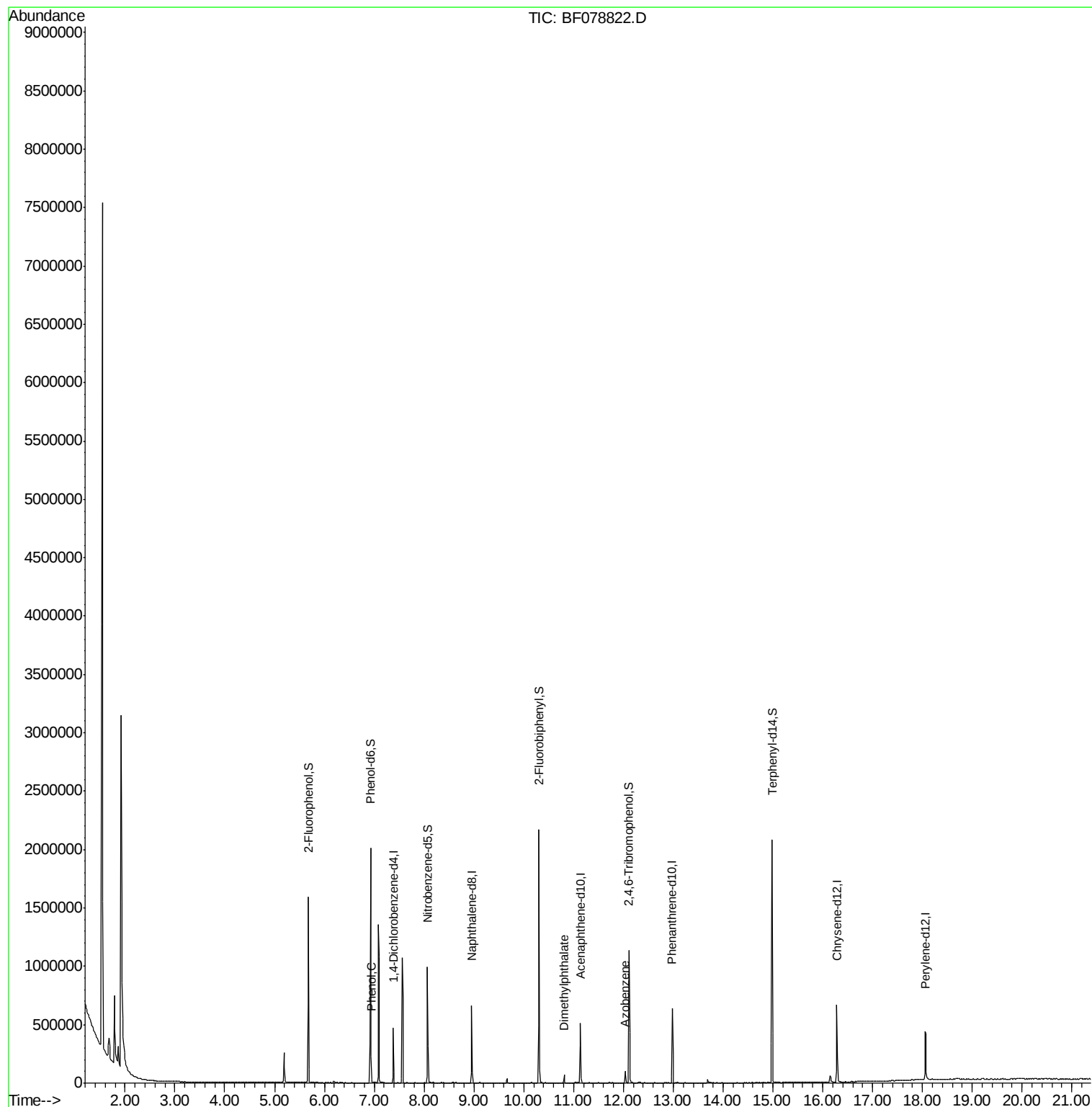
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	66666	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	276823	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	127294	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	251384	20.00	ng	0.00
75) Chrysene-d12	16.29	240	251394	20.00	ng	-0.01
86) Perylene-d12	18.07	264	247180	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	469640	129.39	ng	0.00
7) Phenol-d6	6.92	99	617845	127.45	ng	0.00
23) Nitrobenzene-d5	8.07	82	311720	81.07	ng	0.00
41) 2,4,6-Tribromophenol	12.11	330	139847	111.29	ng	-0.01
44) 2-Fluorobiphenyl	10.31	172	645831	69.48	ng	0.00
78) Terphenyl-d14	14.98	244	681278	64.54	ng	0.00
Target Compounds						
10) Phenol	6.94	94	19403	3.39	ng	Qvalue 81
49) Dimethylphthalate	10.81	163	27288	3.02	ng	# 99
62) Azobenzene	12.03	77	27979	3.05	ng	# 7

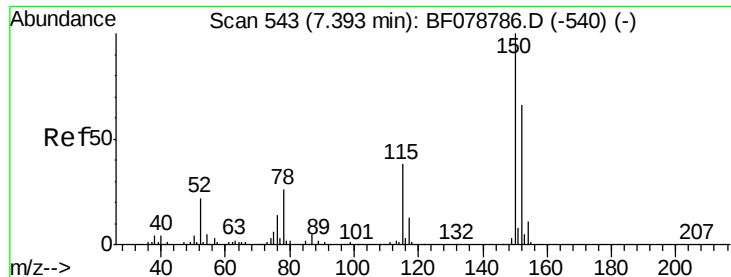
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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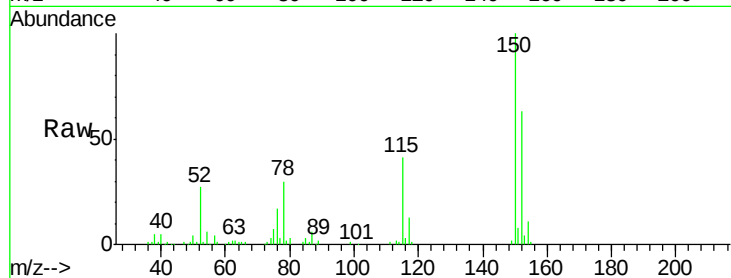


#1

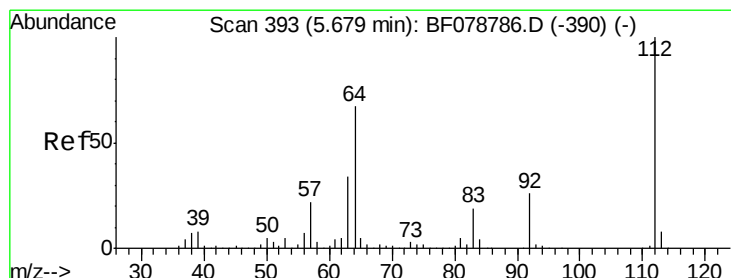
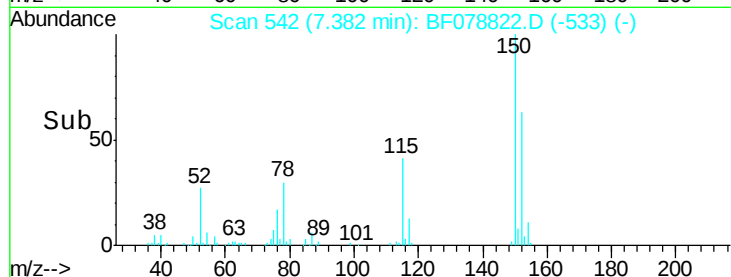
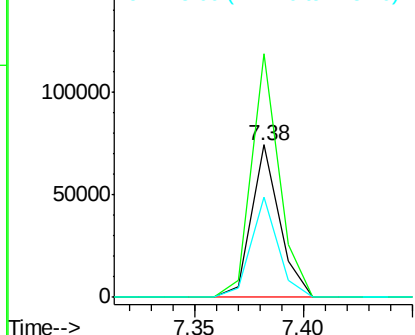
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)

Tgt Ion:152 Resp: 66666
Ion Ratio Lower Upper
152 100
150 159.6 122.0 183.0
115 65.8 46.3 69.5



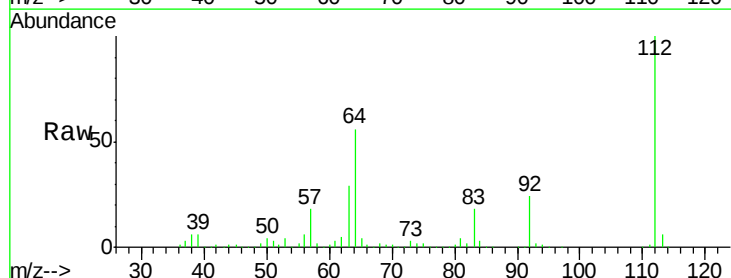
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



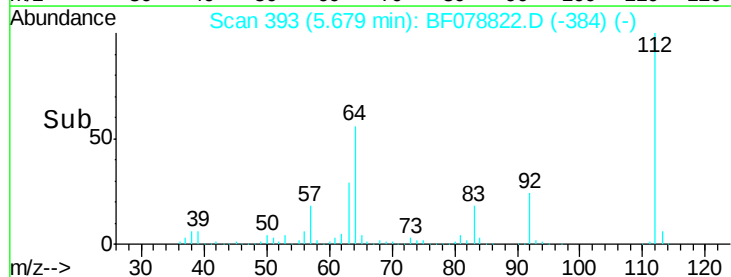
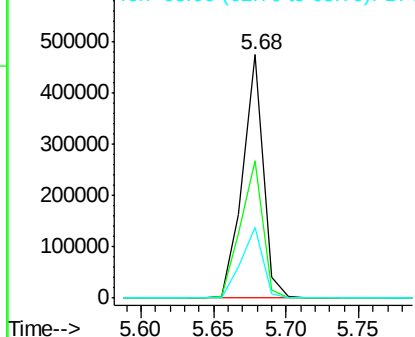
#5

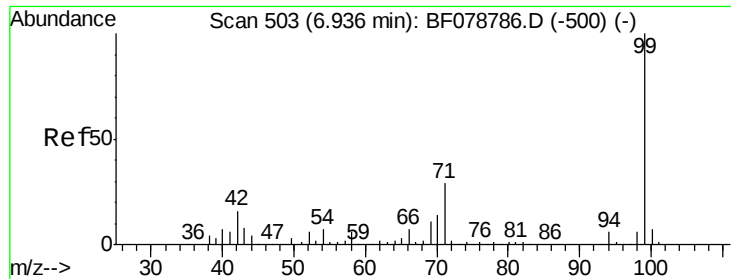
2-Fluorophenol
Concen: 129.39 ng
RT: 5.68 min Scan# 393
Delta R.T. -0.00 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Tgt Ion:112 Resp: 469640
Ion Ratio Lower Upper
112 100
64 56.4 53.5 80.3
63 29.2 27.5 41.3



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: 127.45 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

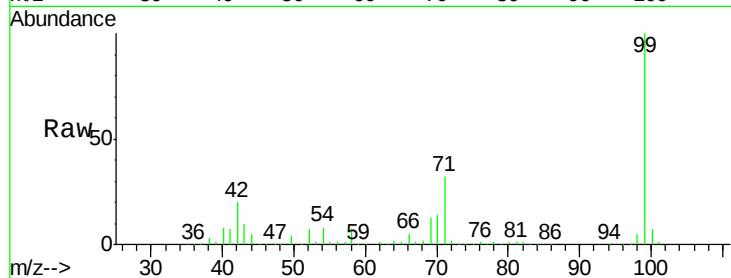
Tgt Ion: 99 Resp: 617845

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

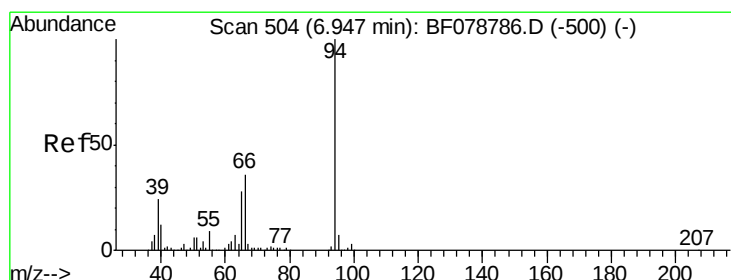
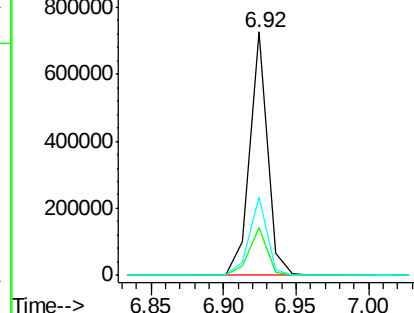
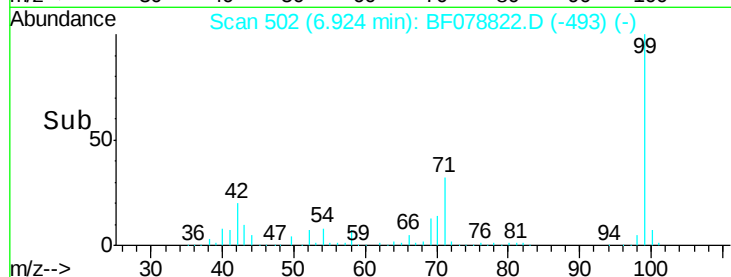
71 32.2 23.4 35.2



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



#10

Phenol

Concen: 3.39 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

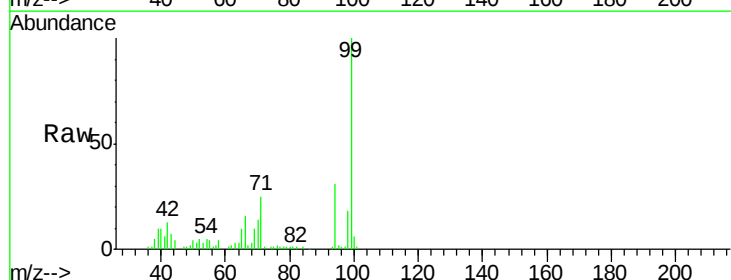
Tgt Ion: 94 Resp: 19403

Ion Ratio Lower Upper

94 100

65 33.4 8.5 48.5

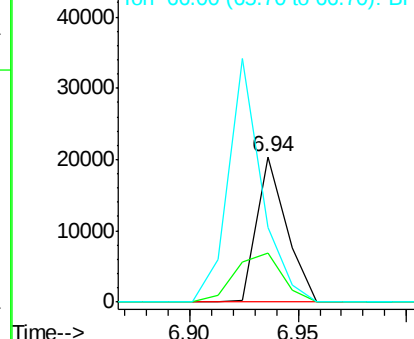
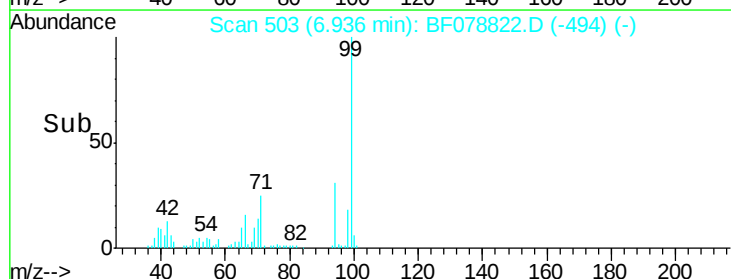
66 51.9 16.0 56.0

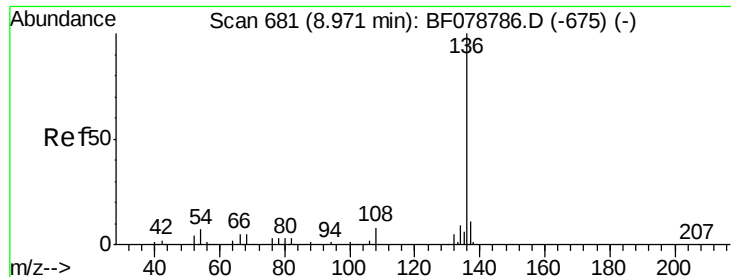


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

Tgt Ion:136 Resp: 276823

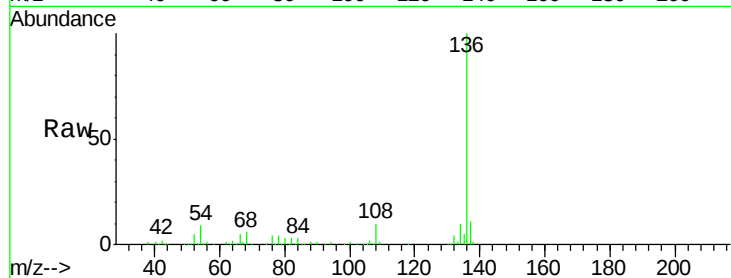
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 8.7 5.8 8.8

68 6.0 4.2 6.4

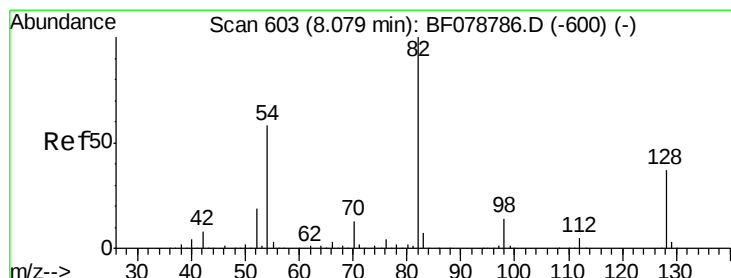
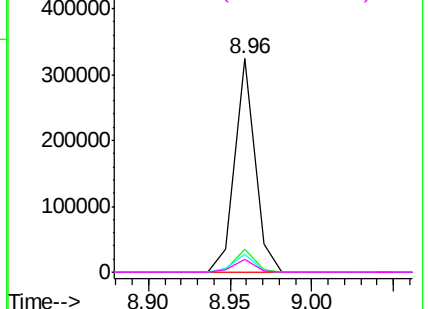
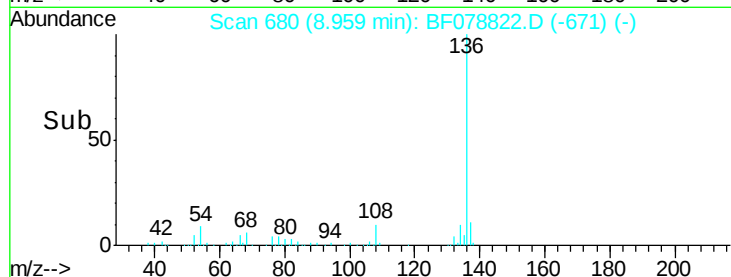


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.07 ng

RT: 8.07 min Scan# 602

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

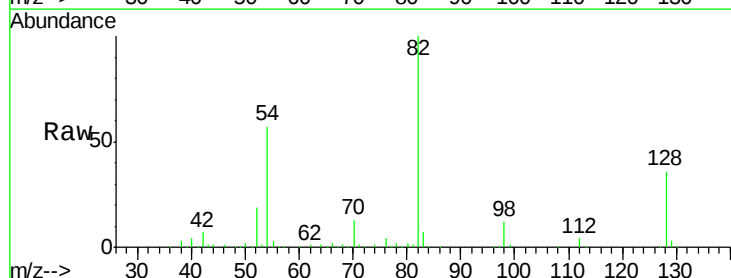
Tgt Ion: 82 Resp: 311720

Ion Ratio Lower Upper

82 100

128 35.7 30.0 45.0

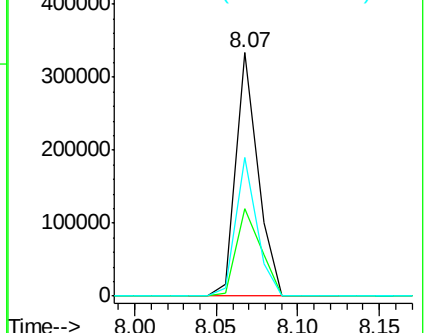
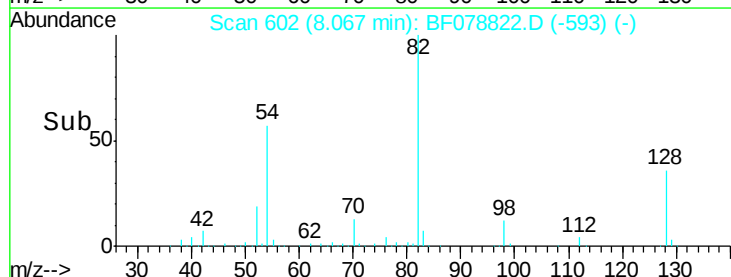
54 57.0 46.4 69.6

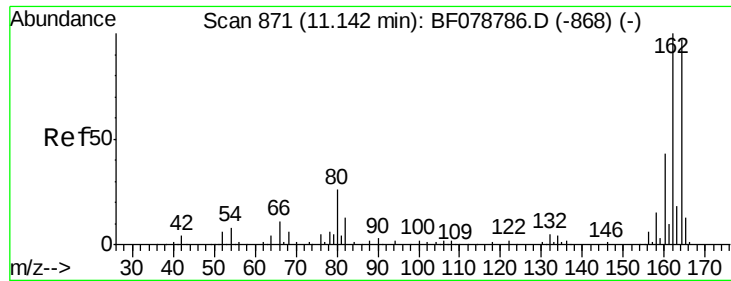


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

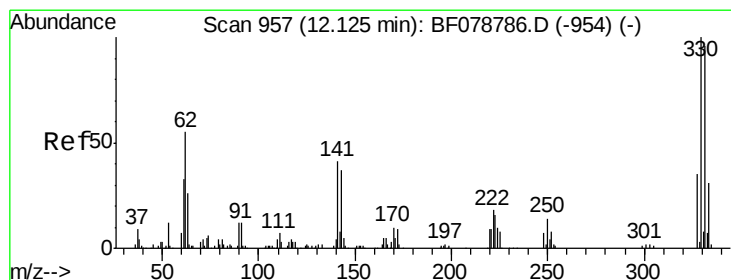
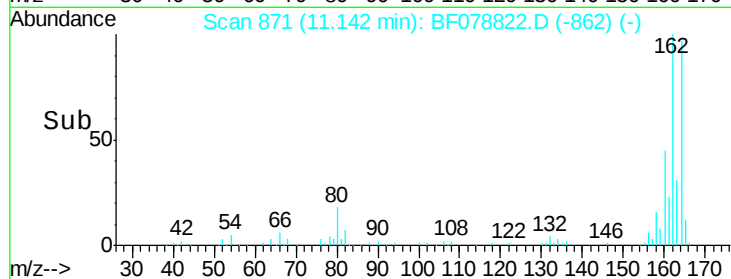
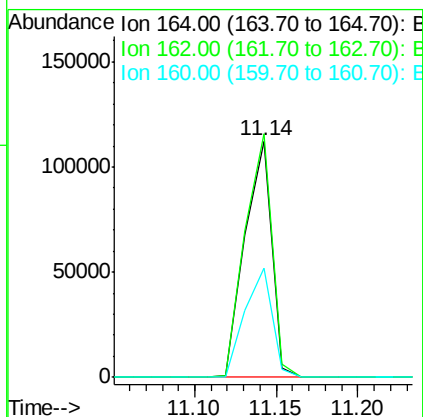
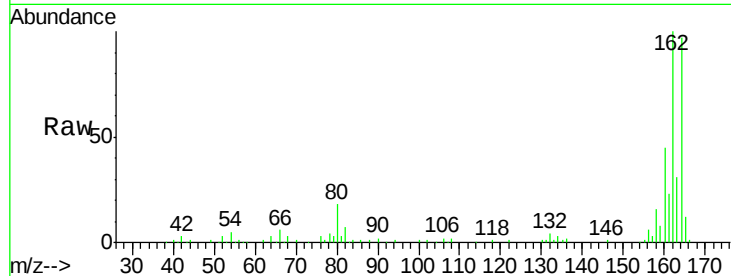




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

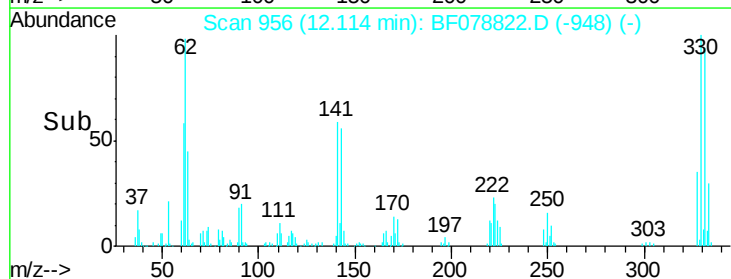
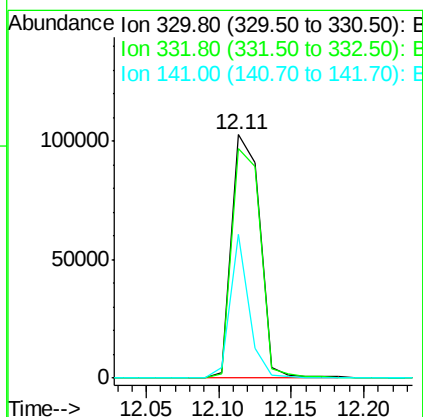
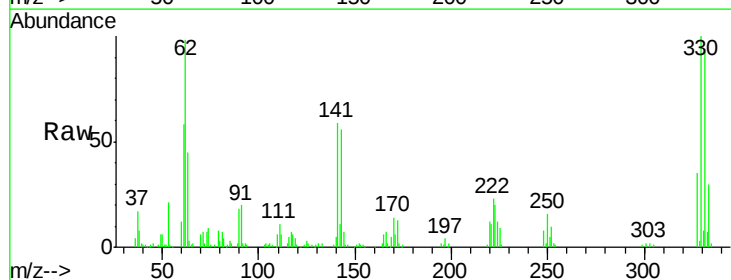
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)

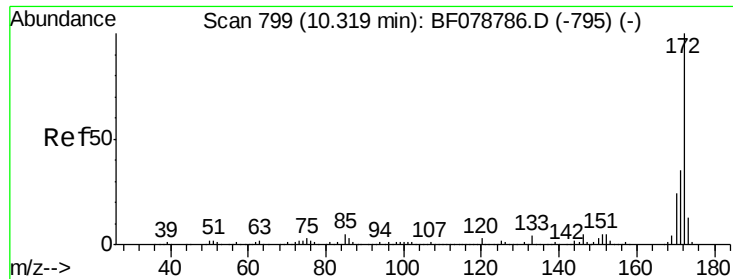
Tgt Ion:164 Resp: 127294
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.7 124.1
 160 46.4 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 111.29 ng
 RT: 12.11 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

Tgt Ion:330 Resp: 139847
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 39.0 0.0 0.0#

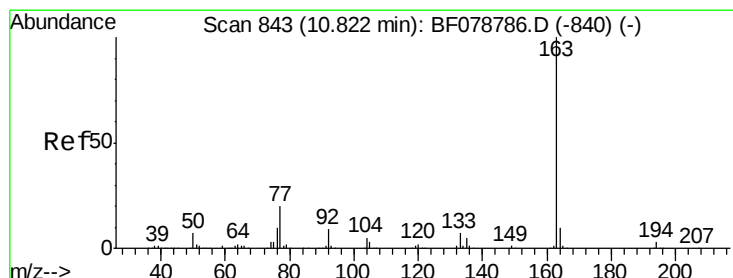
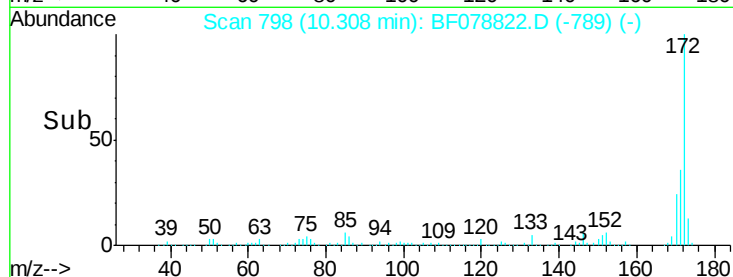
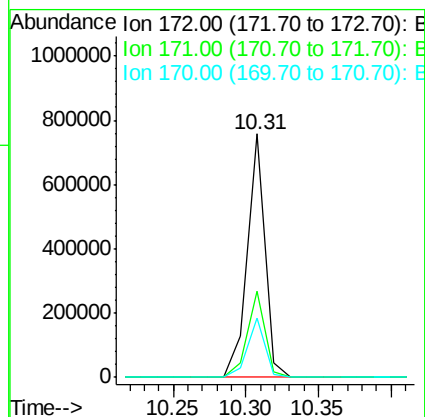
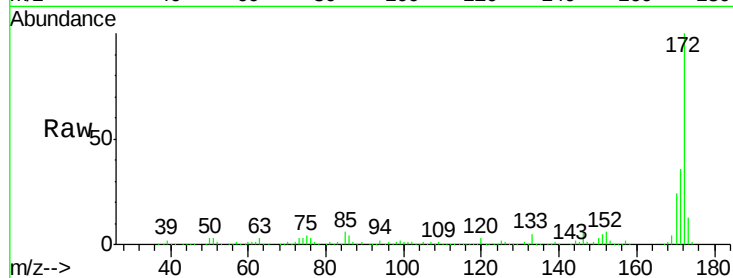




#44
 2-Fluorobiphenyl
 Concen: 69.48 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

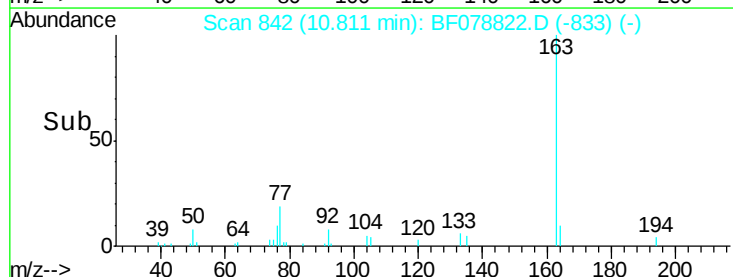
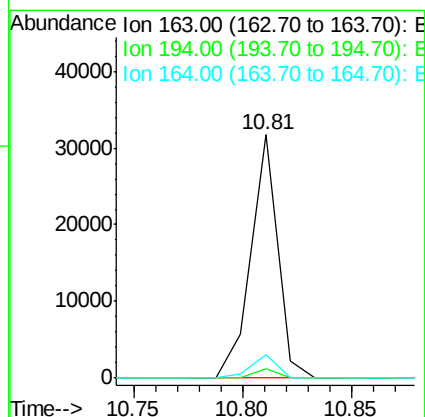
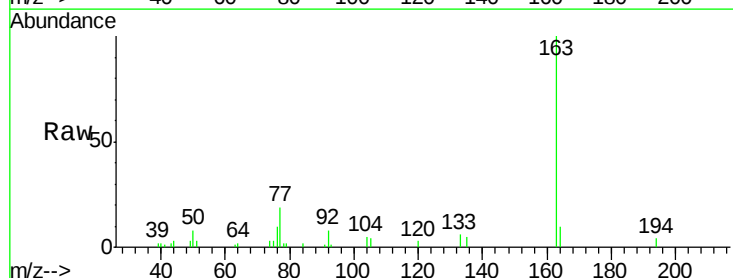
Instrument :
 BNA_F
 ClientSampleId :
 SB-18(48-50)

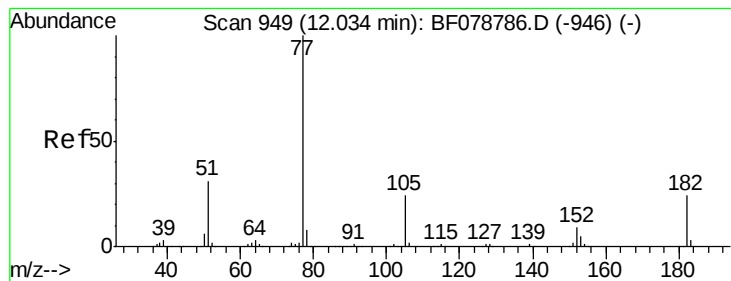
Tgt Ion:172 Resp: 645831
 Ion Ratio Lower Upper
 172 100
 171 35.6 27.9 41.9
 170 24.2 19.4 29.0



#49
 Dimethylphthalate
 Concen: 3.02 ng
 RT: 10.81 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF078822.D
 Acq: 29 Apr 2015 19:26

Tgt Ion:163 Resp: 27288
 Ion Ratio Lower Upper
 163 100
 194 4.1 2.6 4.0#
 164 9.7 8.1 12.1





#62

Azobenzene

Concen: 3.05 ng

RT: 12.03 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

BNA_F

ClientSampleId :

SB-18(48-50)

Tgt Ion: 77 Resp: 27979

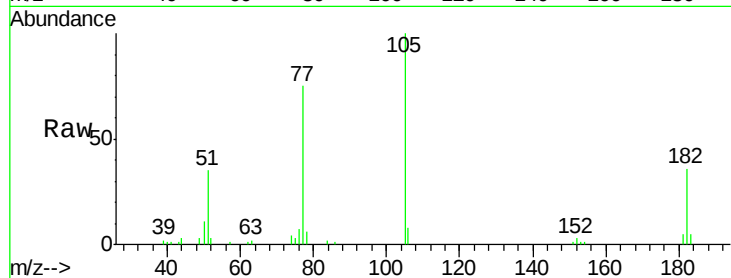
Ion Ratio Lower Upper

77 100

182 47.3 3.8 43.8#

105 133.3 3.9 43.9#

51 46.4 10.8 50.8

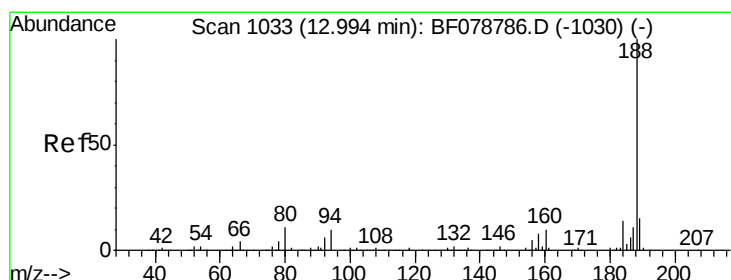
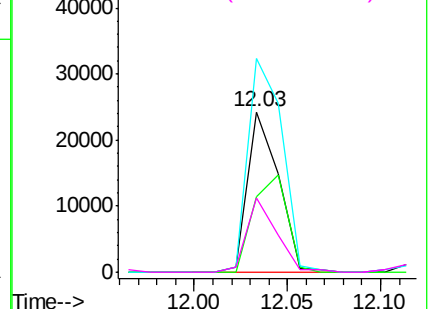
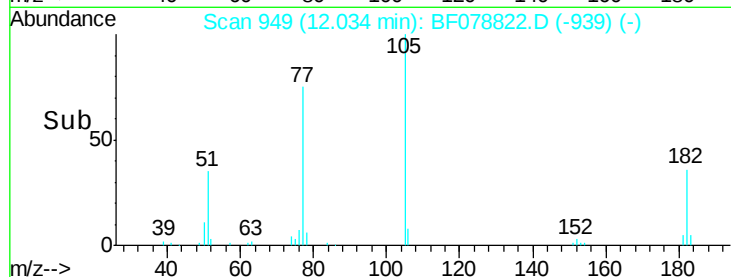


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

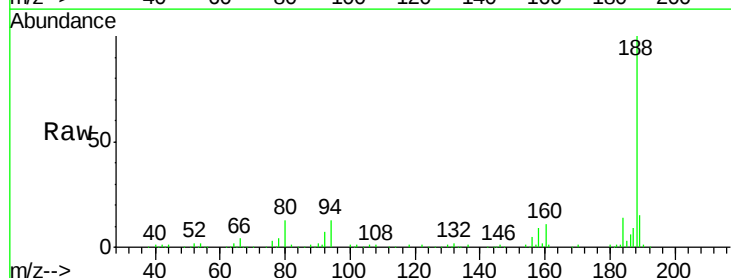
Tgt Ion: 188 Resp: 251384

Ion Ratio Lower Upper

188 100

94 12.6 8.2 12.2#

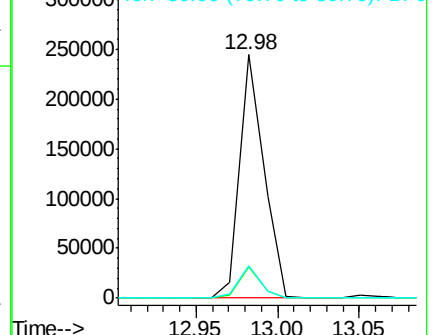
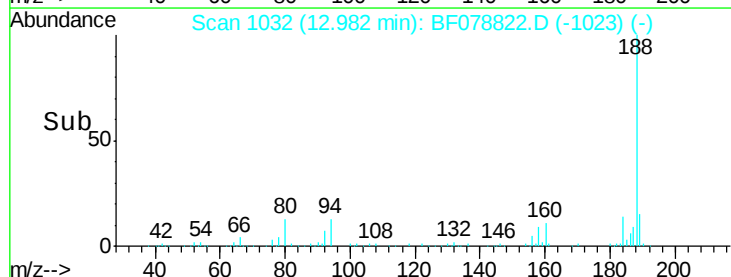
80 13.4 8.9 13.3#

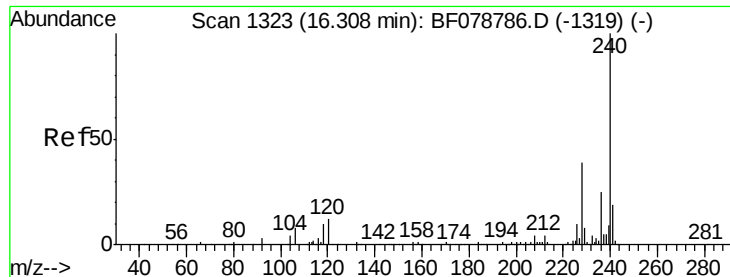


Abundance Ion 188.00 (187.70 to 188.70): E

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: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

Instrument :

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SB-18(48-50)

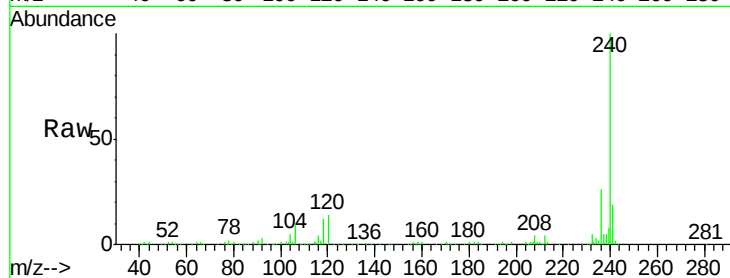
Tgt Ion:240 Resp: 251394

Ion Ratio Lower Upper

240 100

120 14.2 9.7 14.5

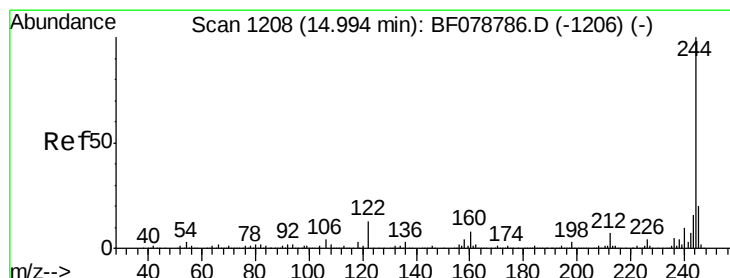
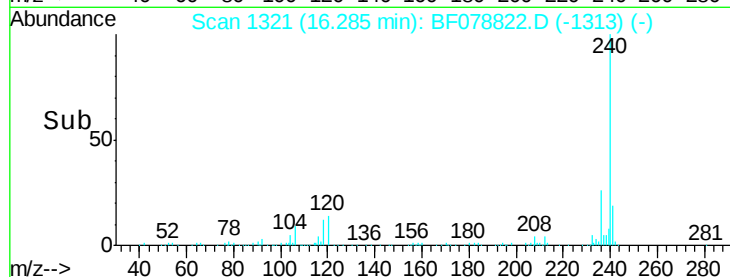
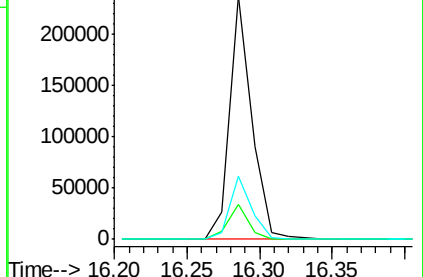
236 26.1 20.2 30.4



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: 64.54 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.00 min

Lab File: BF078822.D

Acq: 29 Apr 2015 19:26

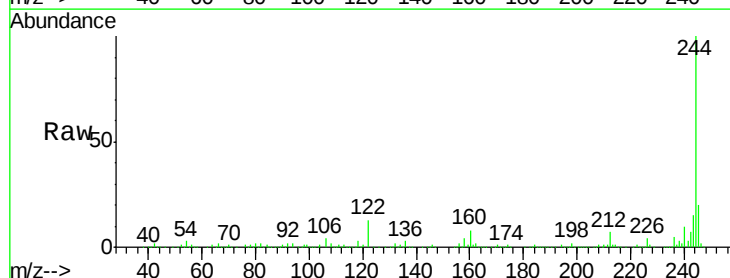
Tgt Ion:244 Resp: 681278

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

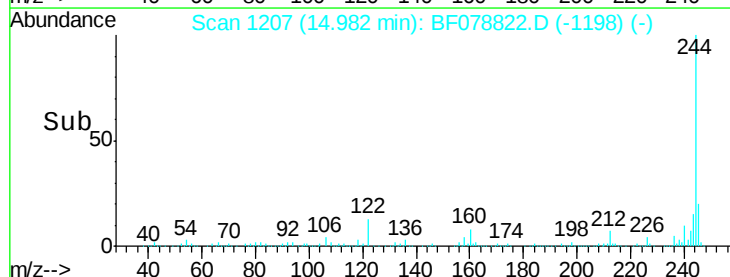
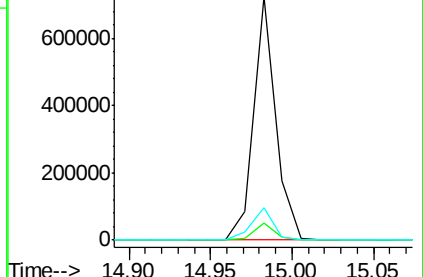
122 13.1 10.3 15.5

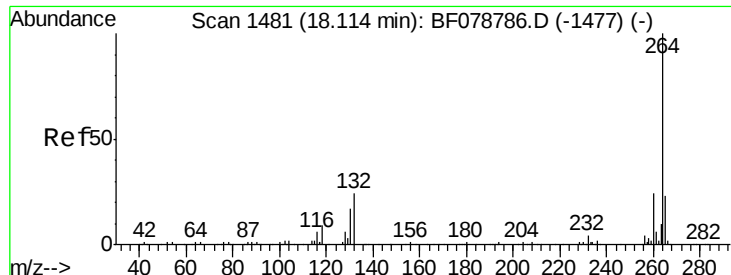


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

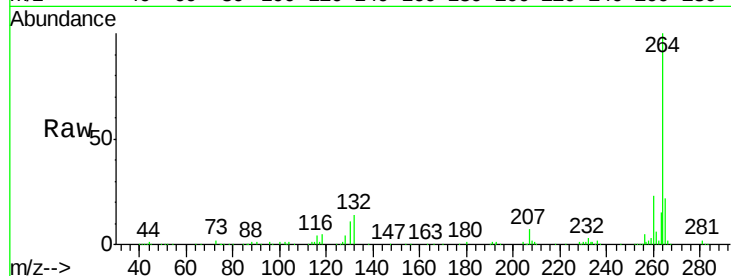




#86
Perylene-d12
Concen: 20.00 ng
RT: 18.07 min Scan# 1477
Delta R.T. -0.01 min
Lab File: BF078822.D
Acq: 29 Apr 2015 19:26

Instrument :
BNA_F
ClientSampleId :
SB-18(48-50)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	21.6	18.3	27.5



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

