

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078307.D
 Acq On : 7 Apr 2015 19:33
 Operator : TP/IZ
 Sample : G1789-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FS-024

Quant Time: Apr 08 01:21:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

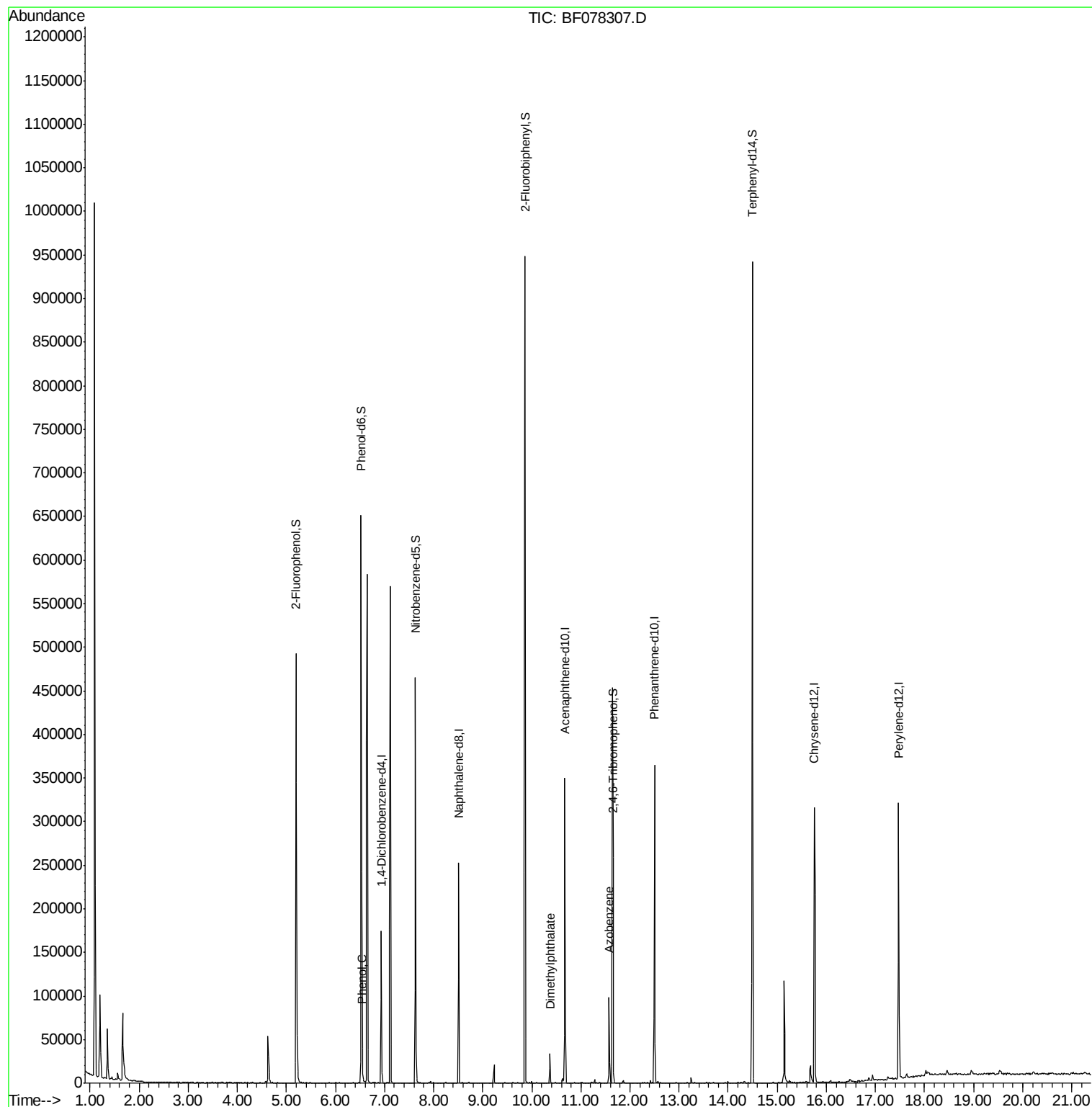
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	34537	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	136250	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	70873	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	142000	20.00	ng	0.00
75) Chrysene-d12	15.76	240	153914	20.00	ng	-0.02
86) Perylene-d12	17.47	264	141957	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	197192	94.14	ng	0.00
7) Phenol-d6	6.52	99	251503	95.81	ng	-0.01
23) Nitrobenzene-d5	7.63	82	149992	66.73	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	63498	108.03	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	304392	61.39	ng	0.00
78) Terphenyl-d14	14.49	244	364661	53.54	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	7376	2.34	ng	Qvalue 90
49) Dimethylphthalate	10.37	163	18902	3.55	ng	99
62) Azobenzene	11.57	77	19503	4.16	ng	# 1

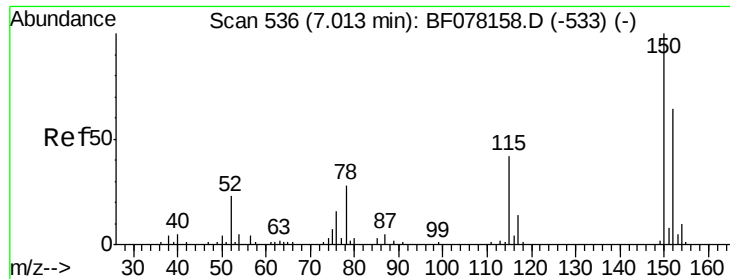
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. 0.00 min

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FS-024

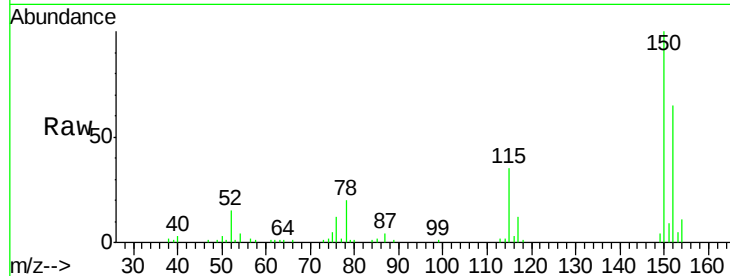
Tgt Ion:152 Resp: 34537

Ion Ratio Lower Upper

152 100

150 154.3 125.9 188.9

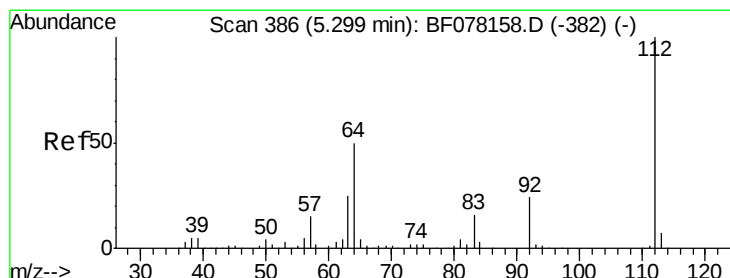
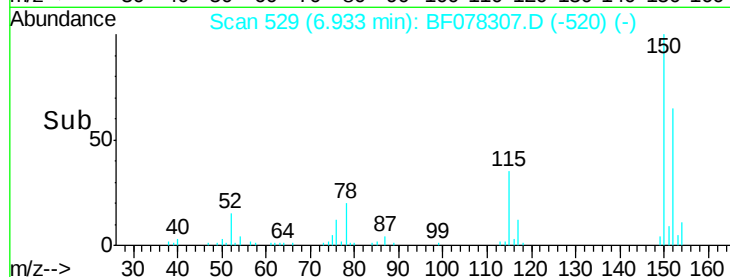
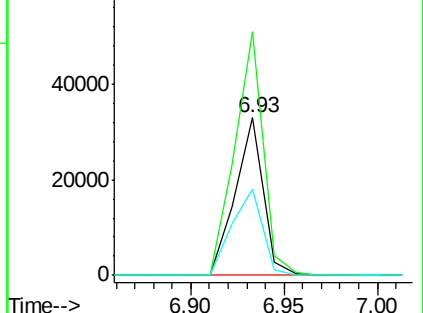
115 54.3 52.7 79.1



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



#5

2-Fluorophenol

Concen: 94.14 ng

RT: 5.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

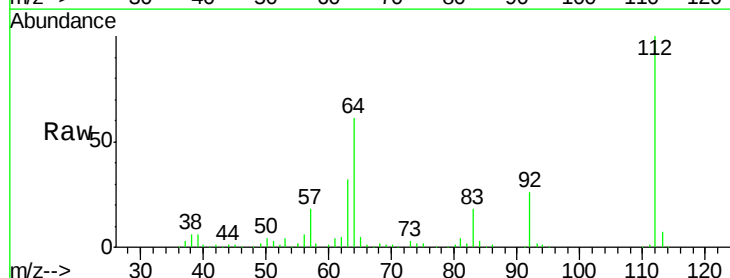
Tgt Ion:112 Resp: 197192

Ion Ratio Lower Upper

112 100

64 60.7 39.9 59.9#

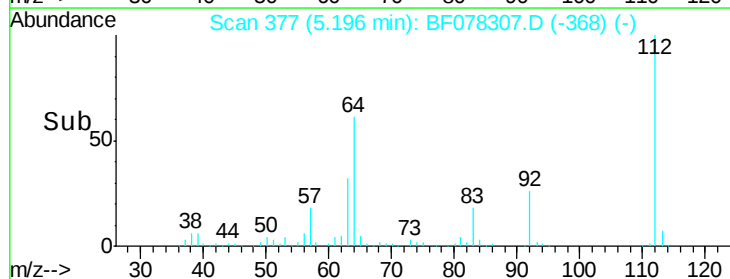
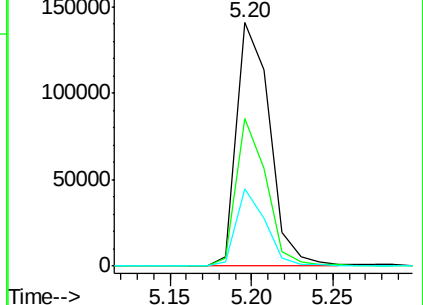
63 31.6 20.2 30.4#



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: 95.81 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.01 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FS-024

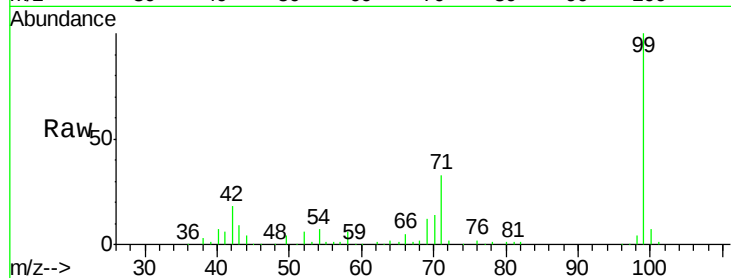
Tgt Ion: 99 Resp: 251503

Ion Ratio Lower Upper

99 100

42 17.6 14.8 22.2

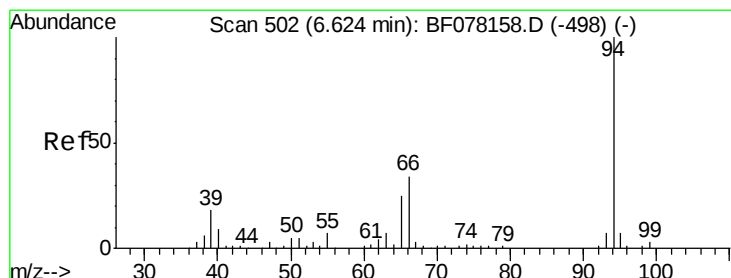
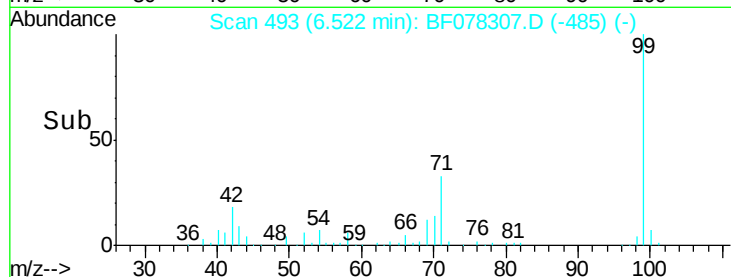
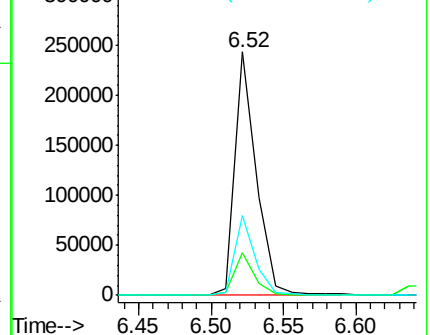
71 32.5 26.6 39.8



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



#10

Phenol

Concen: 2.34 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

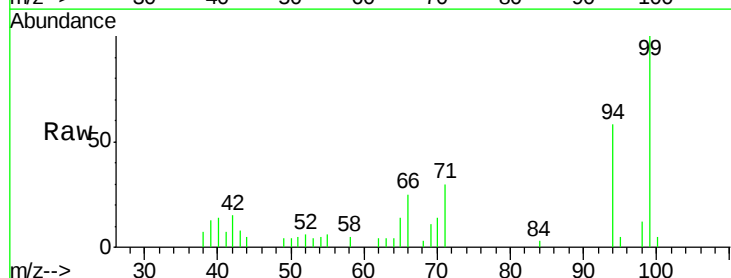
Tgt Ion: 94 Resp: 7376

Ion Ratio Lower Upper

94 100

65 24.1 4.9 44.9

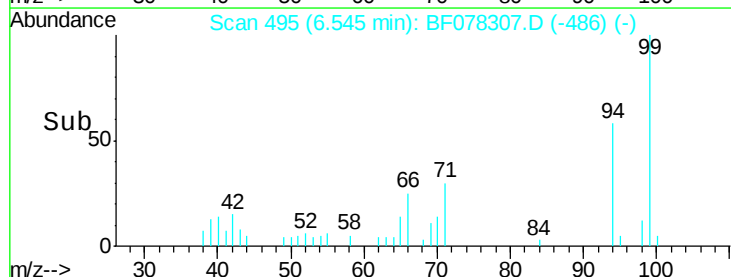
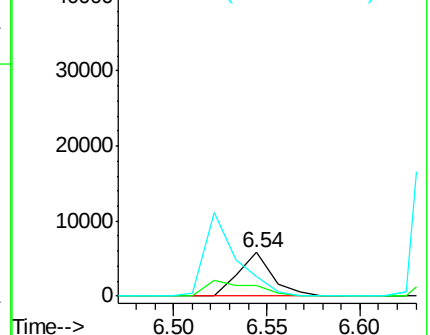
66 43.5 13.8 53.8

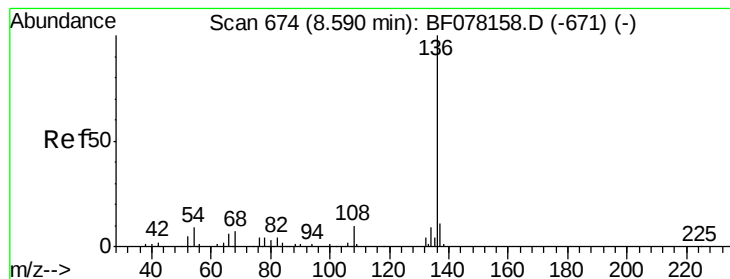


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.51 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FS-024

Tgt Ion:136 Resp: 136250

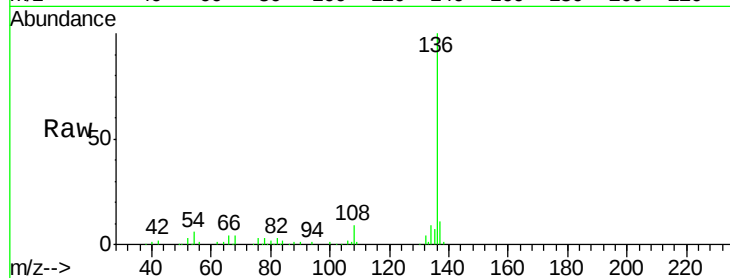
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 5.5 7.0 10.6#

68 4.4 5.4 8.2#

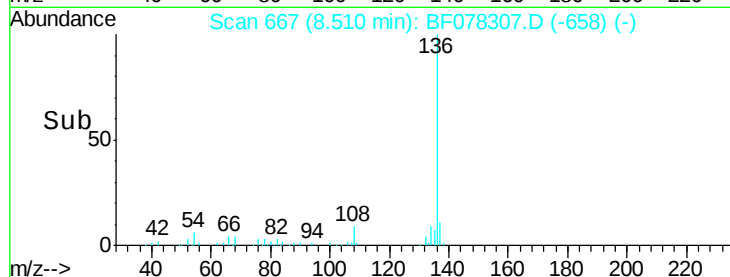


Abundance Ion 136.00 (135.70 to 136.70): E

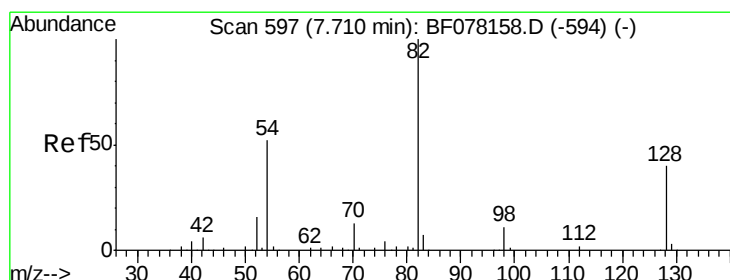
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 66.73 ng

RT: 7.63 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

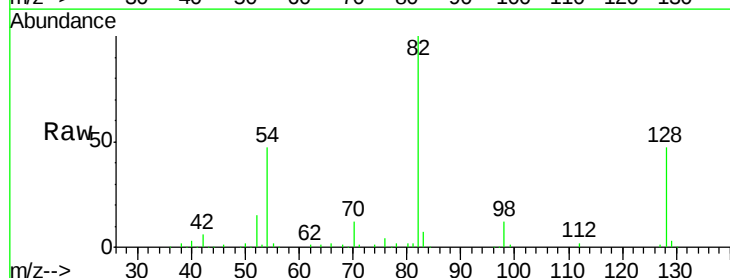
Tgt Ion: 82 Resp: 149992

Ion Ratio Lower Upper

82 100

128 46.9 31.8 47.8

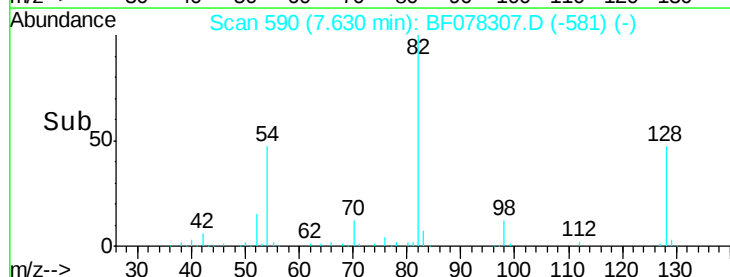
54 46.8 41.5 62.3



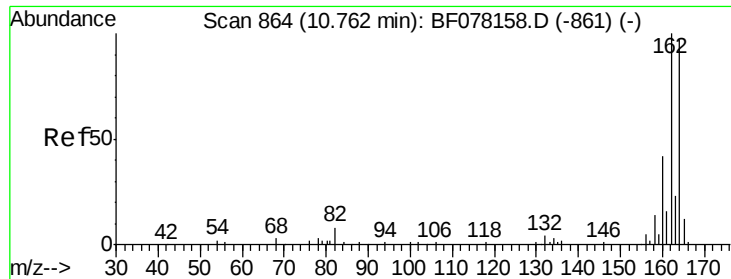
Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 10.67 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FS-024

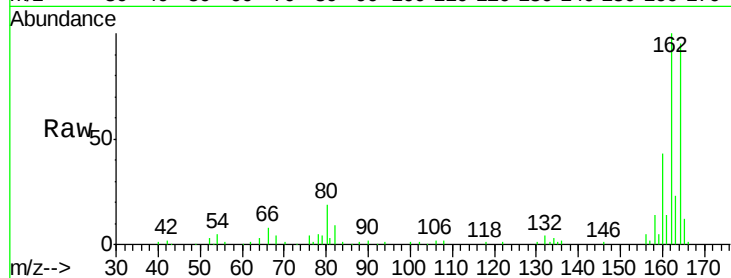
Tgt Ion:164 Resp: 70873

Ion Ratio Lower Upper

164 100

162 105.4 82.2 123.2

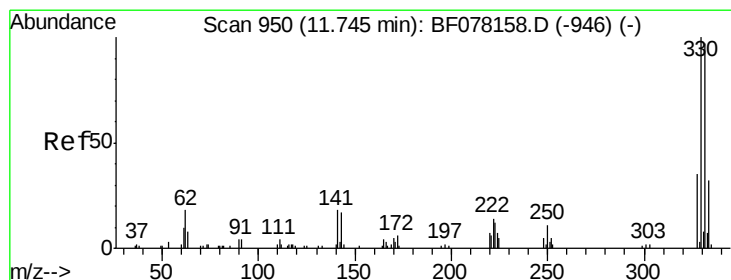
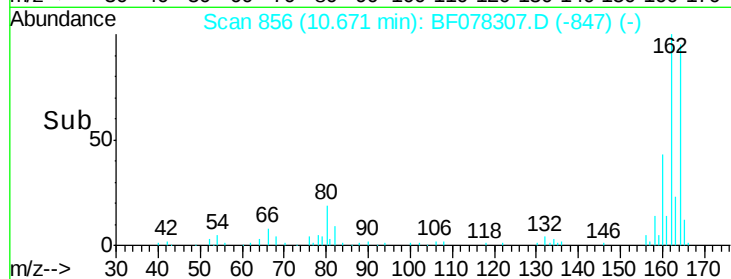
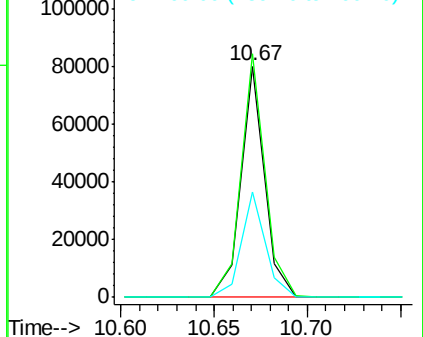
160 45.4 34.7 52.1



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: 108.03 ng

RT: 11.65 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

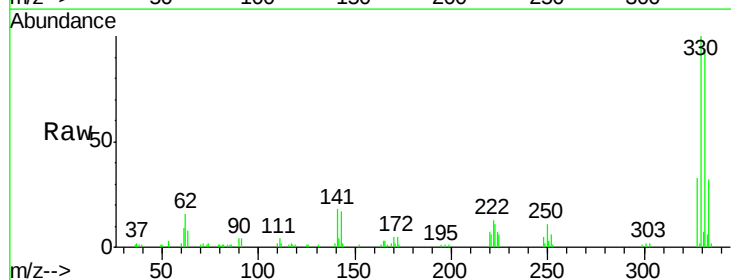
Tgt Ion:330 Resp: 63498

Ion Ratio Lower Upper

330 100

332 94.9 78.6 117.8

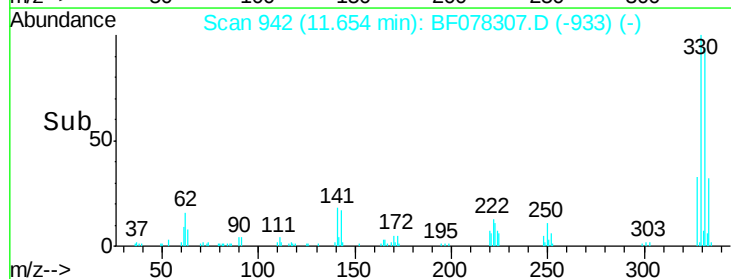
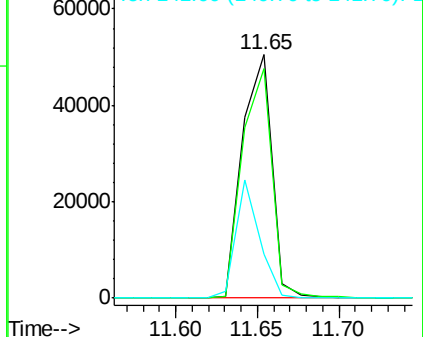
141 38.5 31.2 46.8

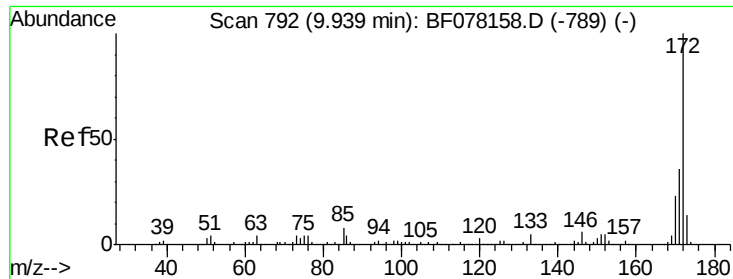


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

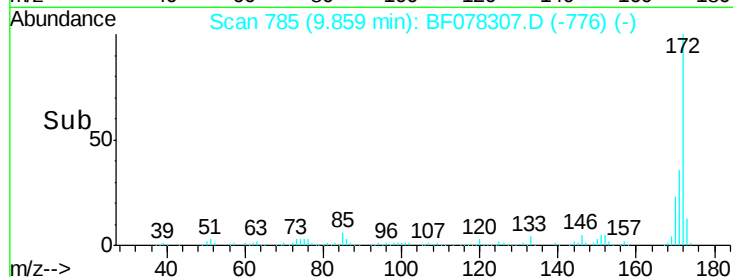
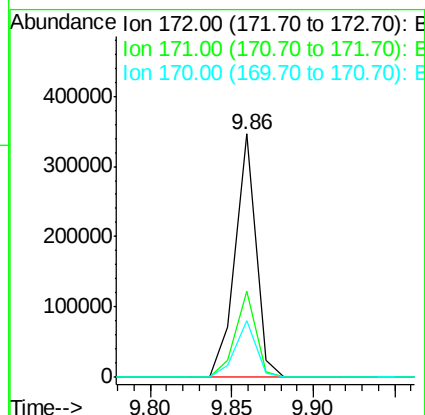
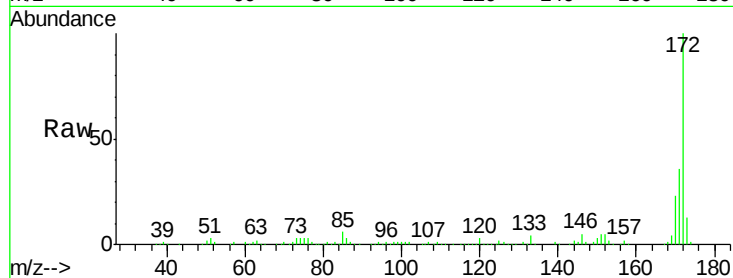




#44
 2-Fluorobiphenyl
 Concen: 61.39 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078307.D
 Acq: 7 Apr 2015 19:33

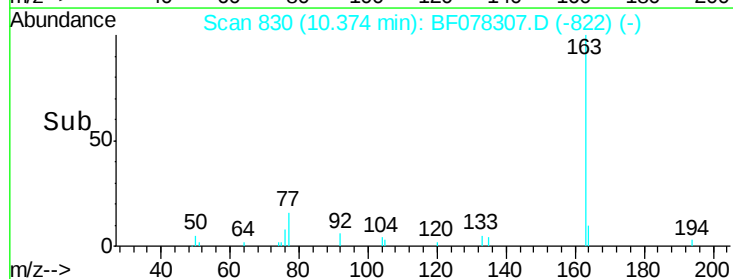
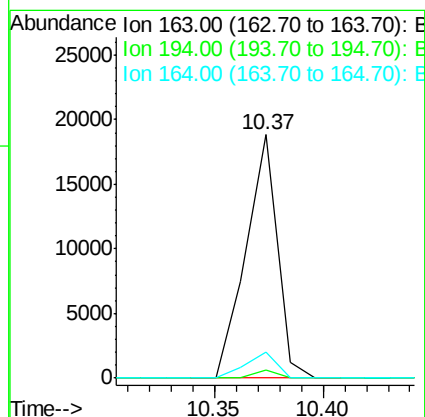
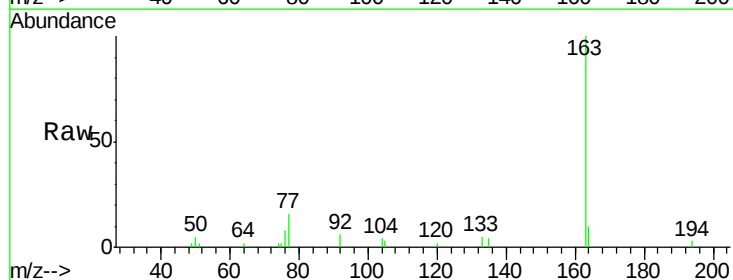
Instrument :
 BNA_F
 ClientSampleId :
 FS-024

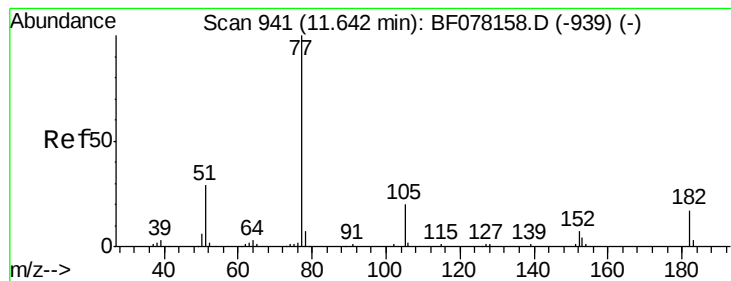
Tgt Ion:172 Resp: 304392
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 42.8
 170 23.4 18.5 27.7



#49
 Dimethylphthalate
 Concen: 3.55 ng
 RT: 10.37 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF078307.D
 Acq: 7 Apr 2015 19:33

Tgt Ion:163 Resp: 18902
 Ion Ratio Lower Upper
 163 100
 194 3.4 2.3 3.5
 164 10.5 8.6 13.0





#62

Azobenzene

Concen: 4.16 ng

RT: 11.57 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

Instrument :

BNA_F

ClientSampleId :

FS-024

Tgt Ion: 77 Resp: 19503

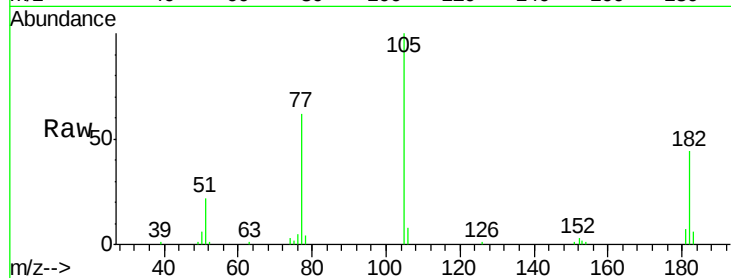
Ion Ratio Lower Upper

77 100

182 71.5 0.0 36.8#

105 162.1 0.3 40.3#

51 34.9 9.1 49.1

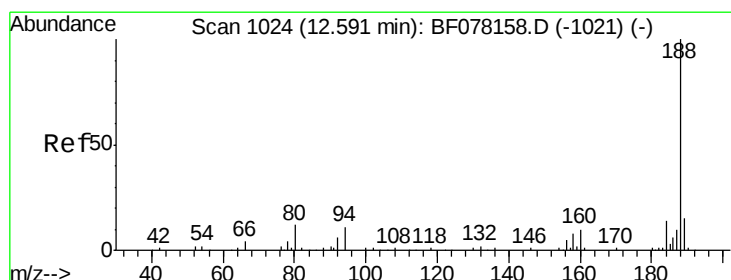
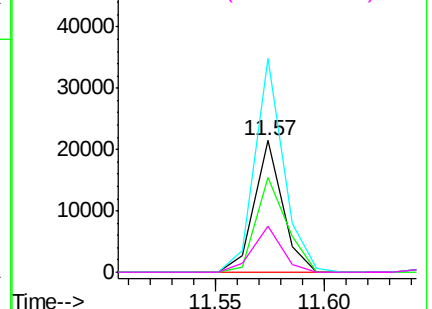
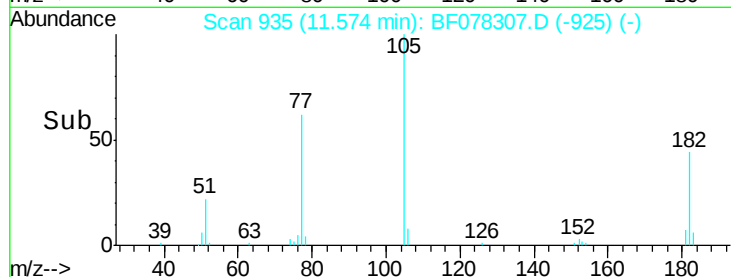


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.50 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BF078307.D

Acq: 7 Apr 2015 19:33

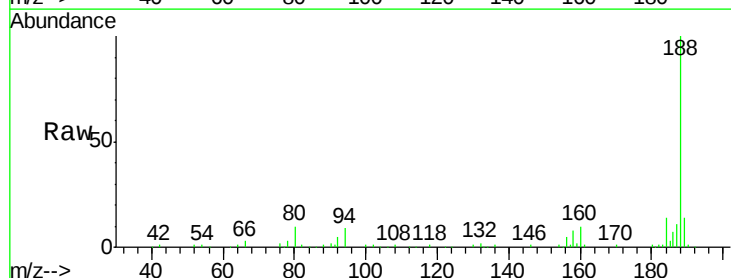
Tgt Ion: 188 Resp: 142000

Ion Ratio Lower Upper

188 100

94 8.9 9.0 13.4#

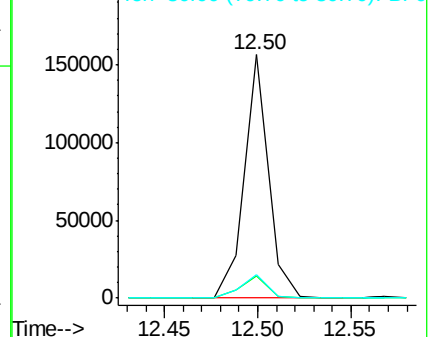
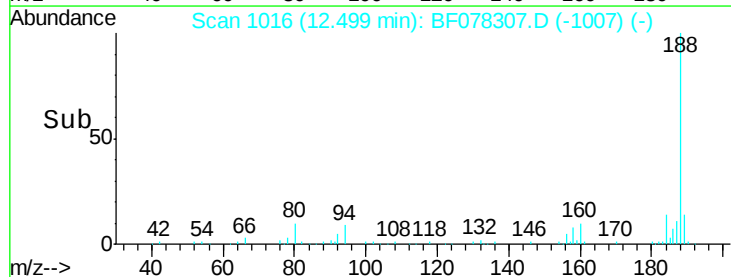
80 9.8 9.5 14.3

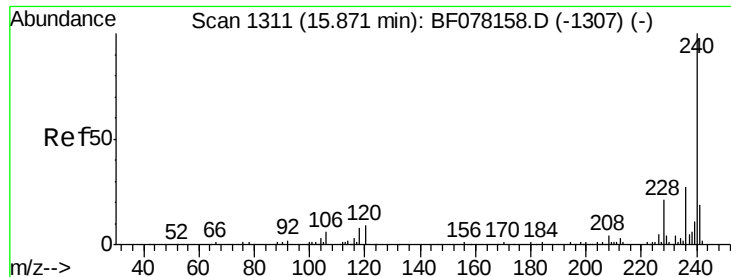


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

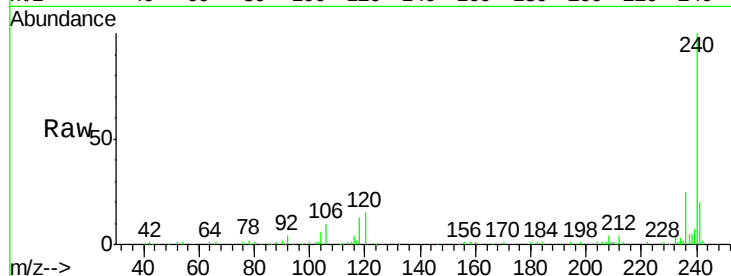




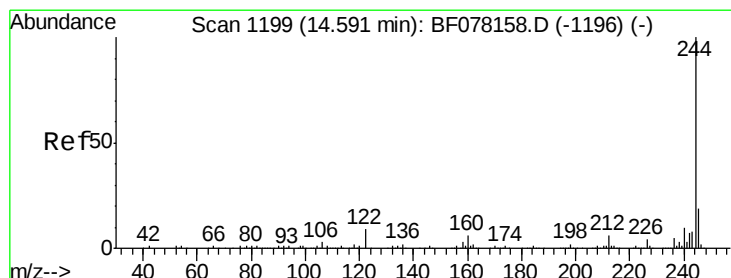
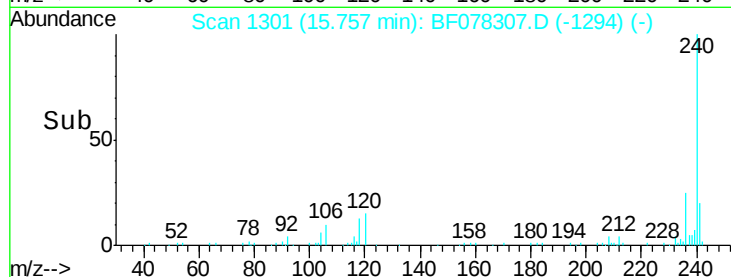
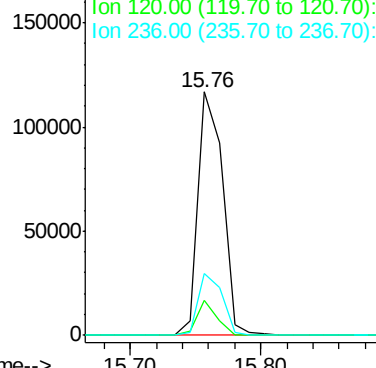
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.76 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF078307.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_F
ClientSampleId :
FS-024

Tgt Ion:240 Resp: 153914
Ion Ratio Lower Upper
240 100
120 14.6 7.1 10.7#
236 25.3 21.4 32.2

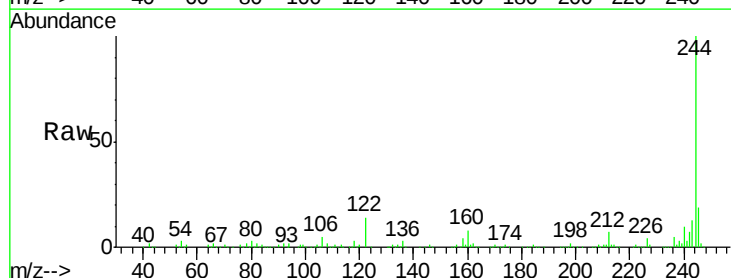


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

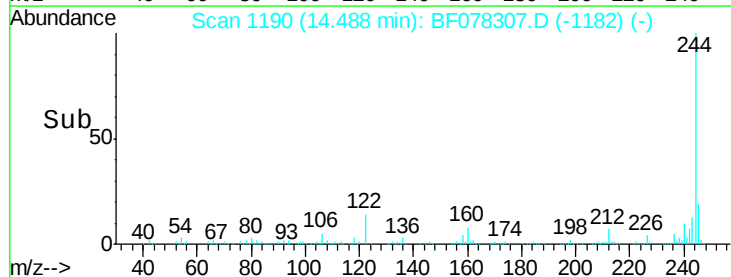
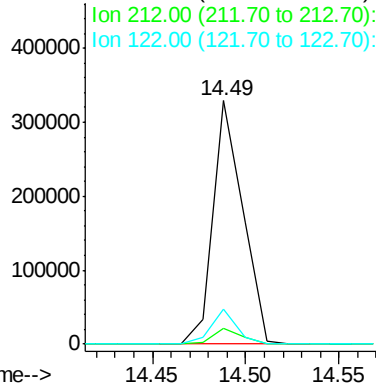


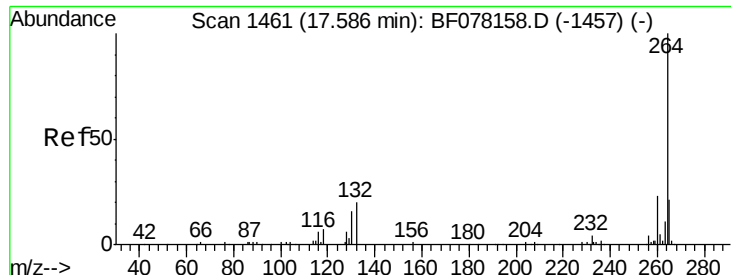
#78
Terphenyl-d14
Concen: 53.54 ng
RT: 14.49 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF078307.D
Acq: 7 Apr 2015 19:33

Tgt Ion:244 Resp: 364661
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 14.4 7.1 10.7#



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

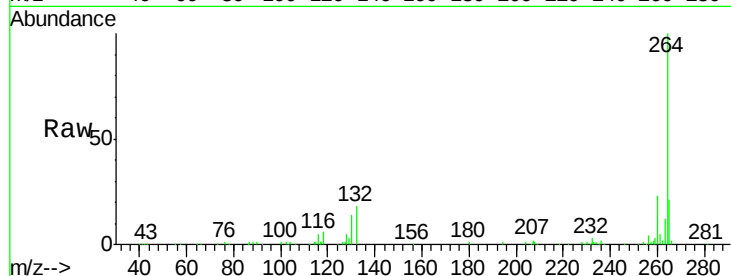




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.47 min Scan# 1451
Delta R.T. -0.09 min
Lab File: BF078307.D
Acq: 7 Apr 2015 19:33

Instrument :
BNA_F
ClientSampleId :
FS-024

Tgt Ion: 264 Resp: 141957
Ion Ratio Lower Upper
264 100
260 23.0 18.6 27.8
265 21.4 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

