

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078308.D
 Acq On : 7 Apr 2015 20:01
 Operator : TP/IZ
 Sample : G1783-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-2

Quant Time: Apr 08 01:21:40 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

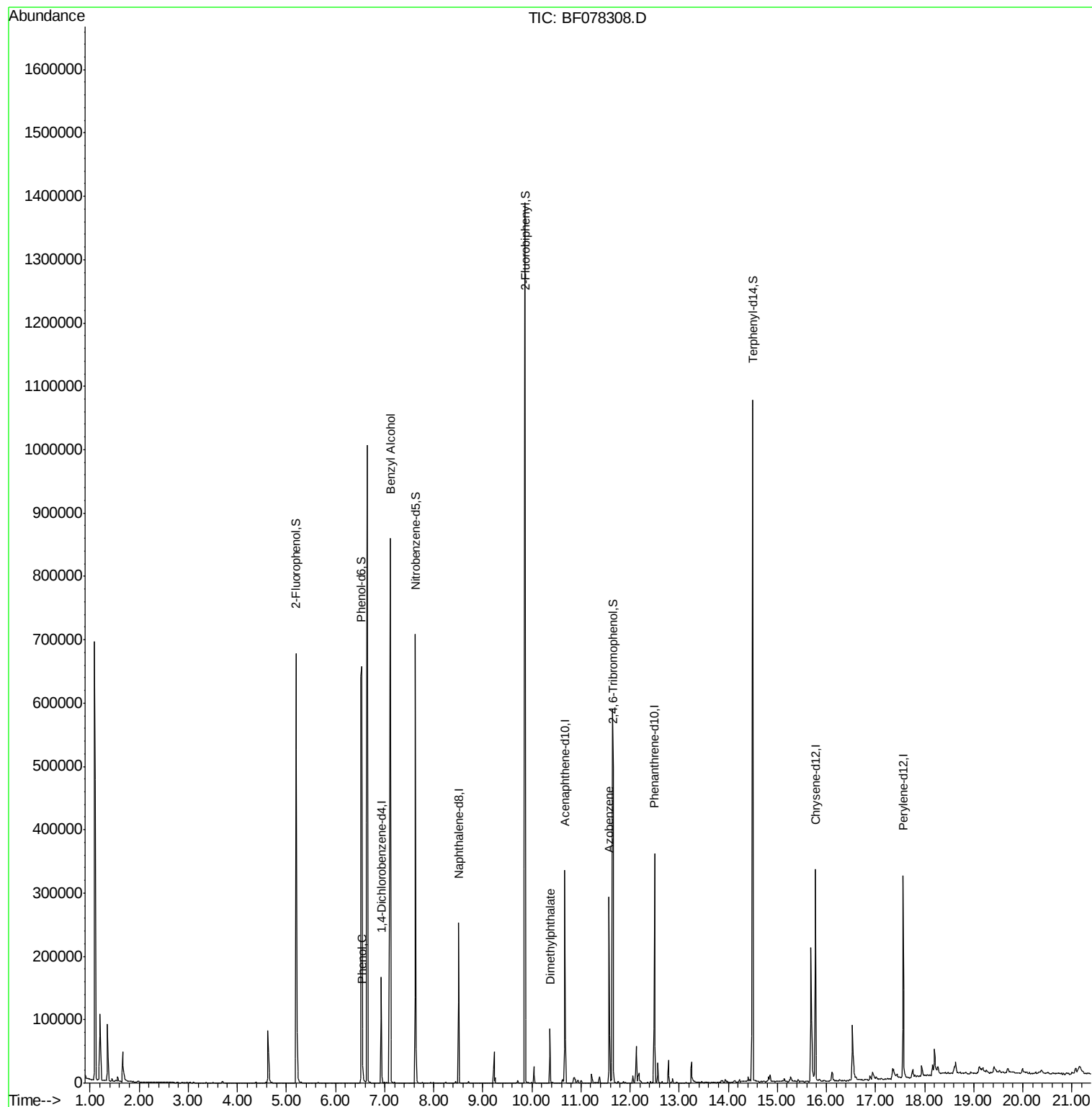
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32872	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	140979	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	69396	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	143122	20.00	ng	0.00
75) Chrysene-d12	15.78	240	154634	20.00	ng	0.00
86) Perylene-d12	17.56	264	145728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	286969	143.94	ng	0.00
7) Phenol-d6	6.53	99	370048	148.10	ng	0.00
23) Nitrobenzene-d5	7.63	82	217788	93.64	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	95298	165.58	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	441936	91.03	ng	0.00
78) Terphenyl-d14	14.50	244	557816	81.51	ng	0.00
Target Compounds						
10) Phenol	6.54	94	11476	3.83	ng	Qvalue 87
15) Benzyl Alcohol	7.12	79	3522	2.01	ng	# 47
49) Dimethylphthalate	10.37	163	44085	8.46	ng	# 97
62) Azobenzene	11.57	77	54988	11.99	ng	# 1

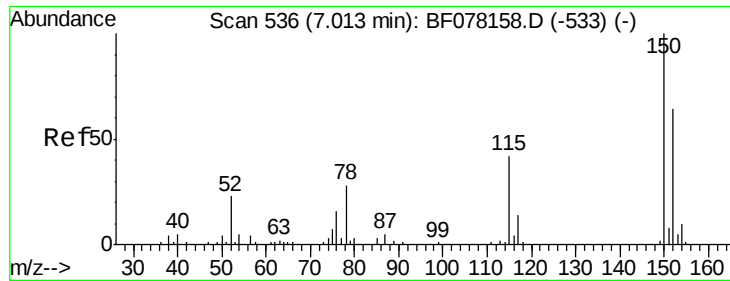
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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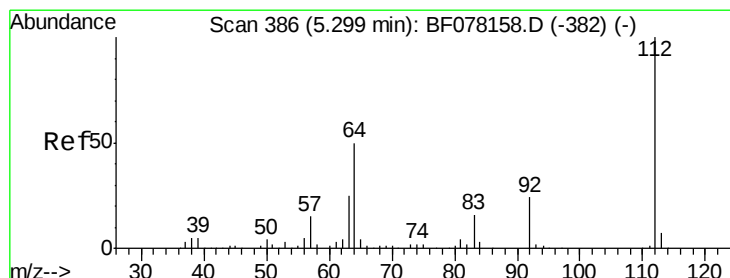
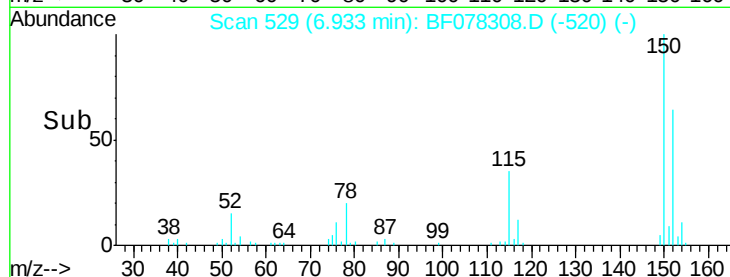
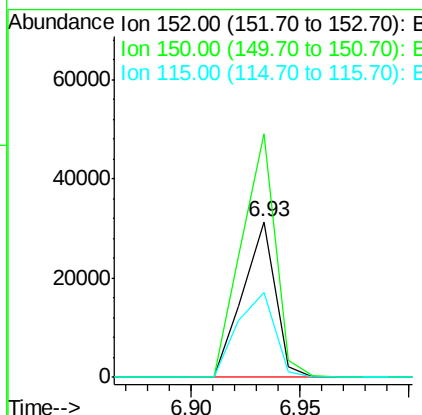
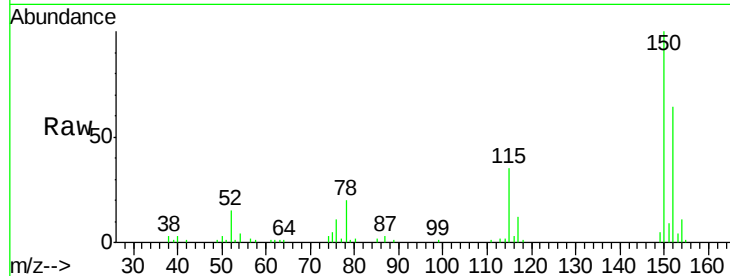




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.93 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

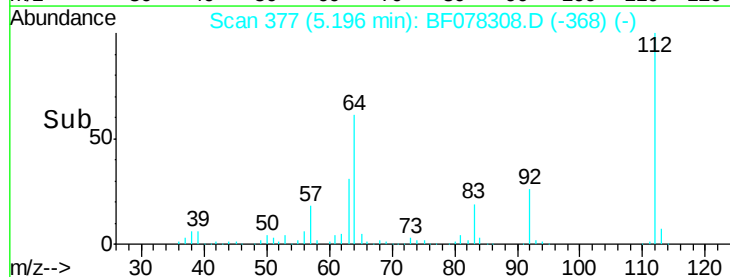
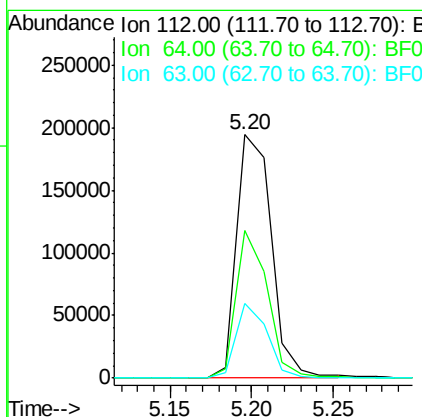
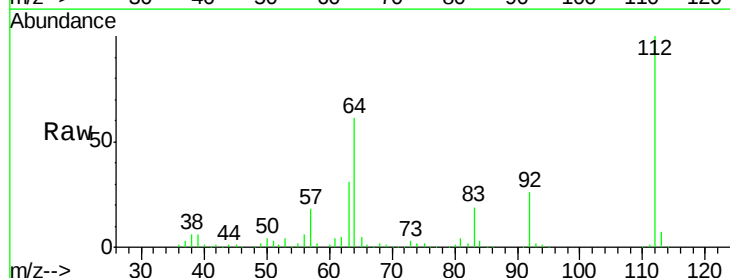
Instrument :
 BNA_F
 ClientSampleId :
 FD-2

Tgt Ion:152 Resp: 32872
 Ion Ratio Lower Upper
 152 100
 150 156.5 125.9 188.9
 115 54.6 52.7 79.1



#5
 2-Fluorophenol
 Concen: 143.94 ng
 RT: 5.20 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Tgt Ion:112 Resp: 286969
 Ion Ratio Lower Upper
 112 100
 64 60.8 39.9 59.9#
 63 30.9 20.2 30.4#





#7

Phenol-d6

Concen: 148.10 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078308.D

Acq: 7 Apr 2015 20:01

Instrument :

BNA_F

ClientSampleId :

FD-2

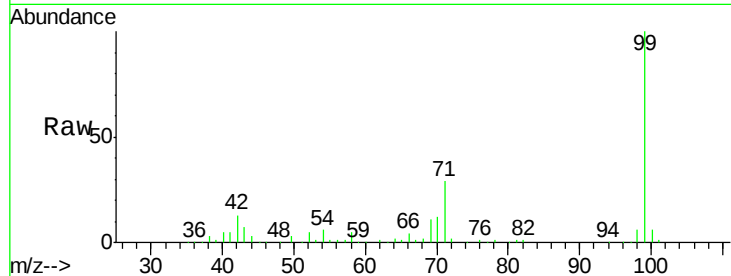
Tgt Ion: 99 Resp: 370048

Ion Ratio Lower Upper

99 100

42 13.5 14.8 22.2#

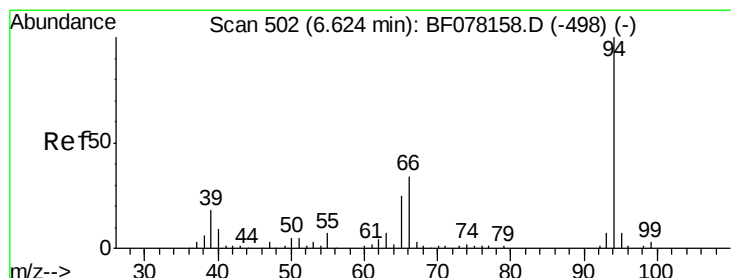
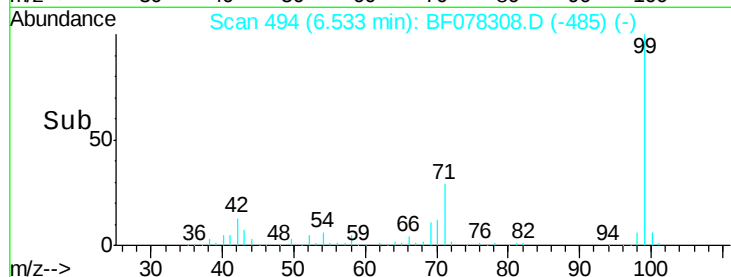
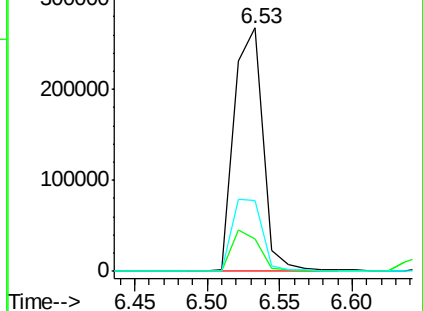
71 28.9 26.6 39.8



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: 3.83 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078308.D

Acq: 7 Apr 2015 20:01

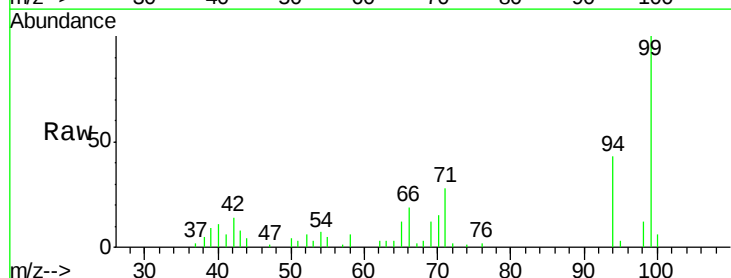
Tgt Ion: 94 Resp: 11476

Ion Ratio Lower Upper

94 100

65 27.3 4.9 44.9

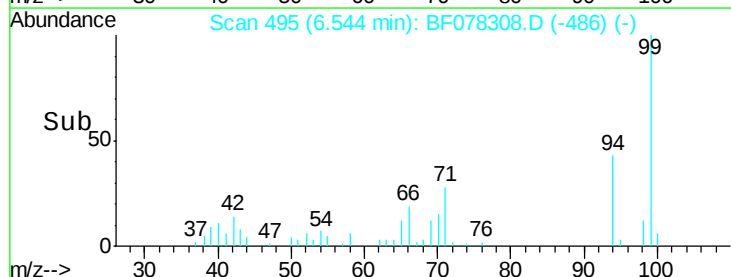
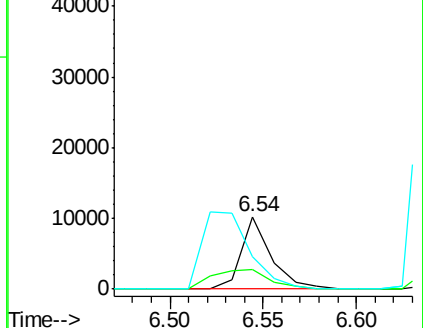
66 44.4 13.8 53.8

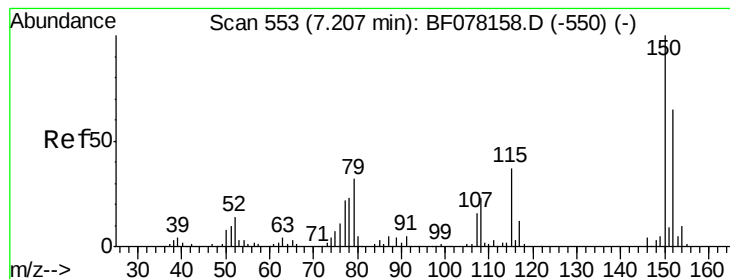


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF078308.D

Acq: 7 Apr 2015 20:01

Instrument :

BNA_F

ClientSampleId :

FD-2

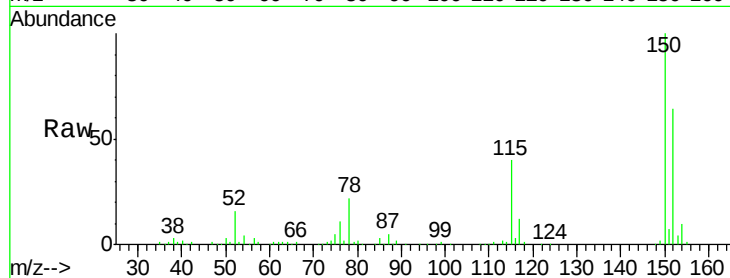
Tgt Ion: 79 Resp: 3522

Ion Ratio Lower Upper

79 100

108 33.2 57.6 86.4#

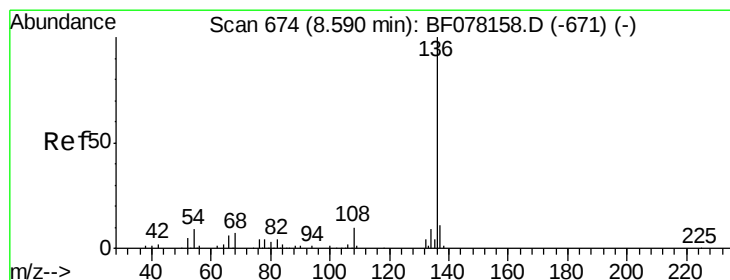
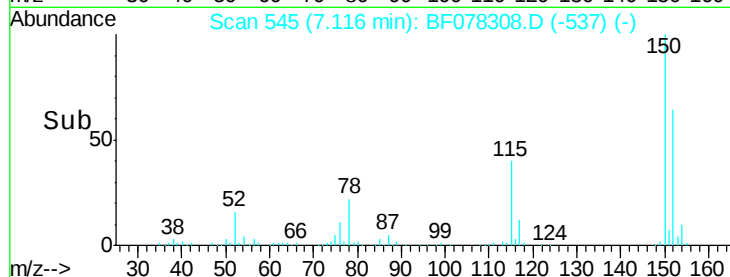
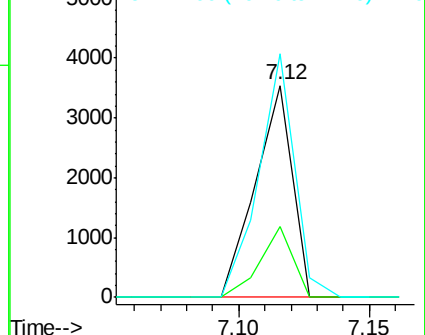
77 114.9 53.5 80.3#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078308.D

Acq: 7 Apr 2015 20:01

Tgt Ion: 136 Resp: 140979

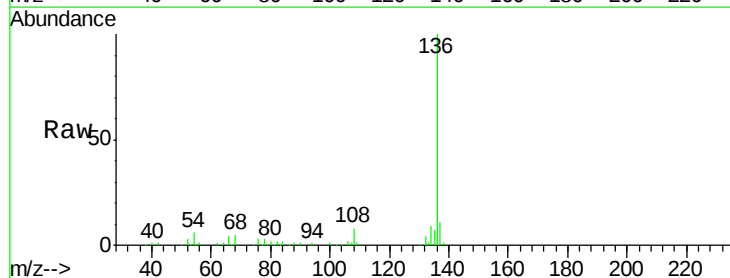
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.5 7.0 10.6#

68 4.7 5.4 8.2#

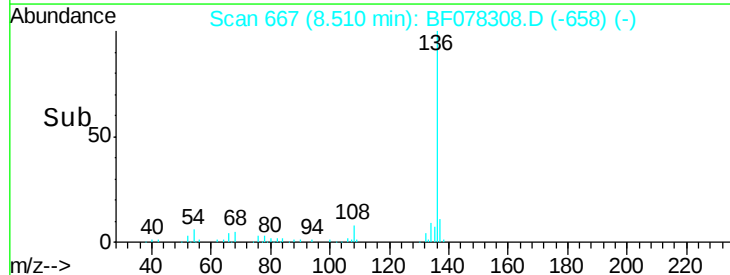
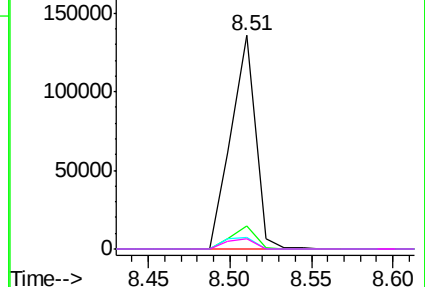


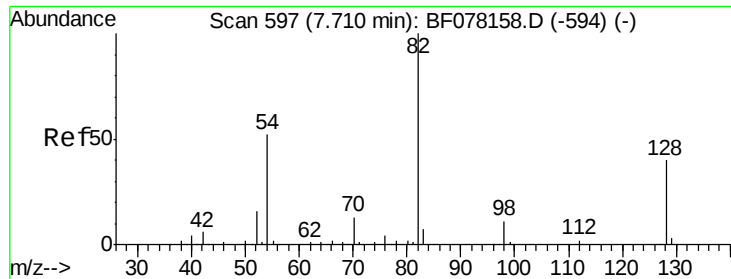
Abundance Ion 136.00 (135.70 to 136.70): E

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

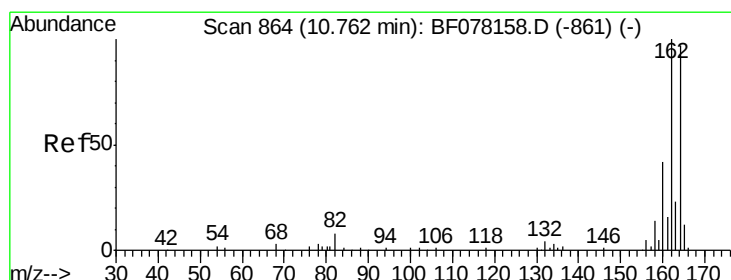
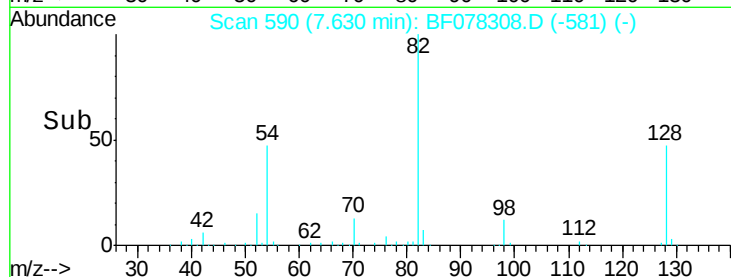
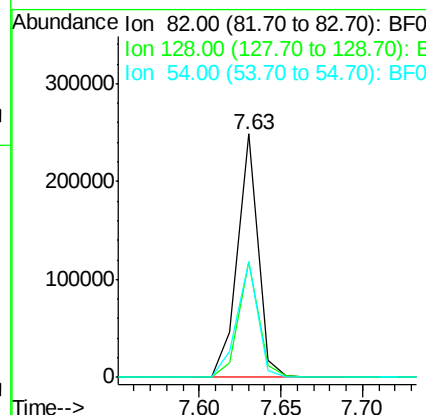
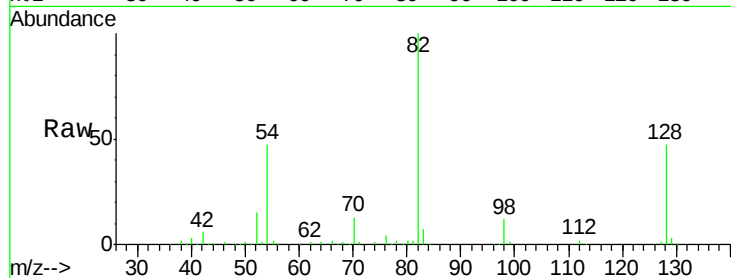




#23
 Nitrobenzene-d5
 Concen: 93.64 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

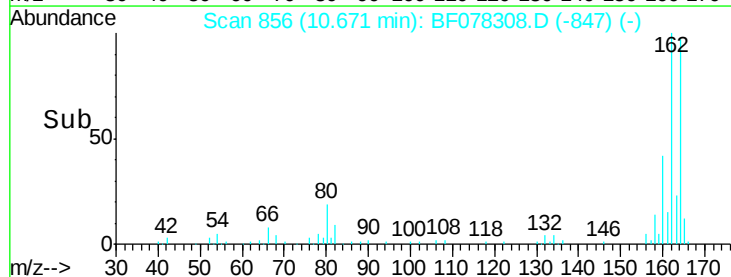
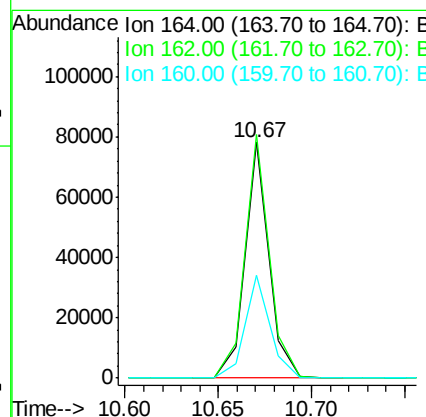
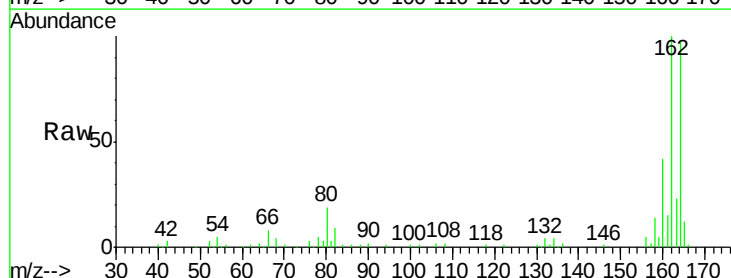
Instrument :
 BNA_F
 ClientSampleId :
 FD-2

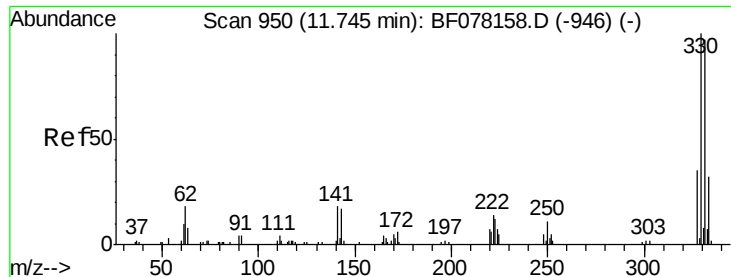
Tgt Ion: 82 Resp: 217788
 Ion Ratio Lower Upper
 82 100
 128 47.3 31.8 47.8
 54 47.4 41.5 62.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Tgt Ion: 164 Resp: 69396
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 43.4 34.7 52.1

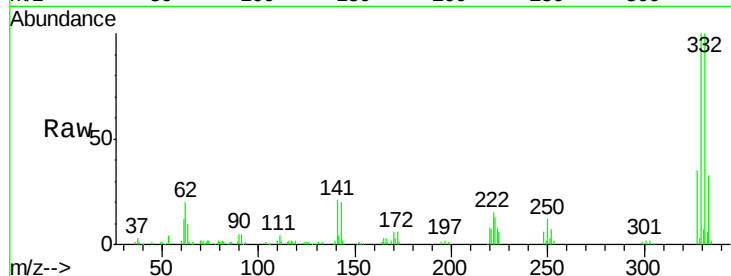




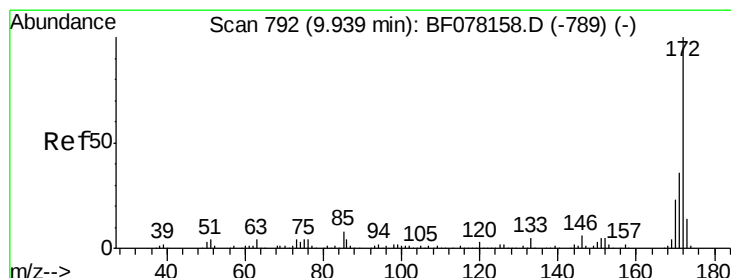
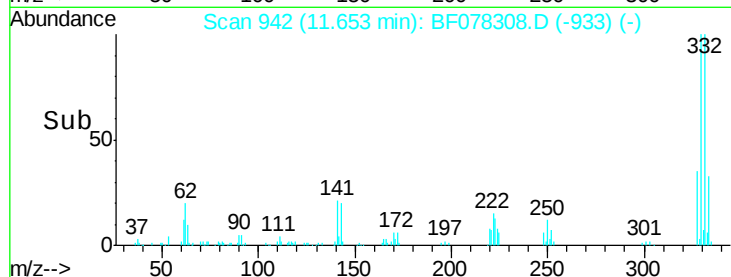
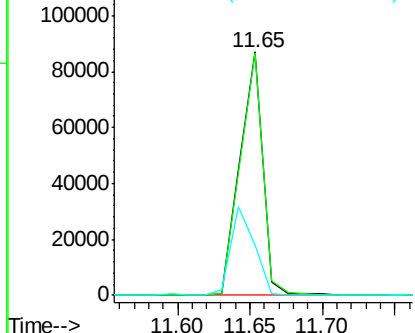
#41
 2,4,6-Tribromophenol
 Concen: 165.58 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Instrument :
 BNA_F
 ClientSampleId :
 FD-2

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.3	78.6	117.8
141	38.3	31.2	46.8

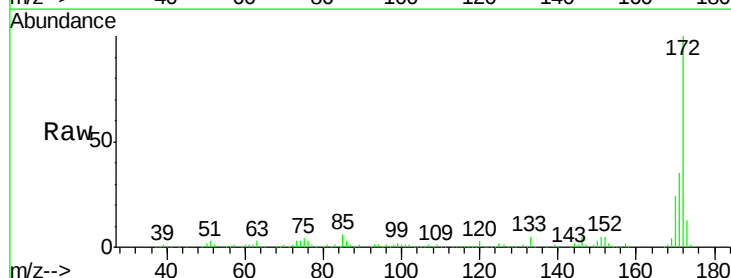


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

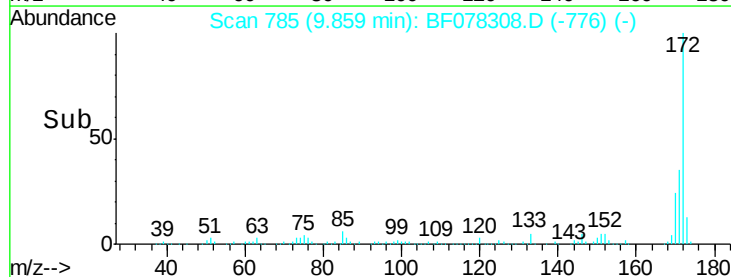
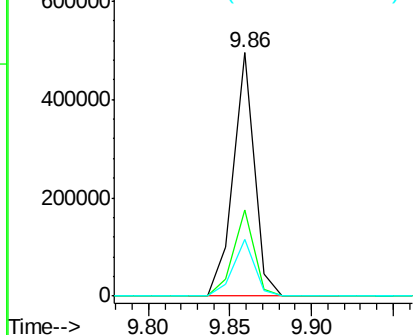


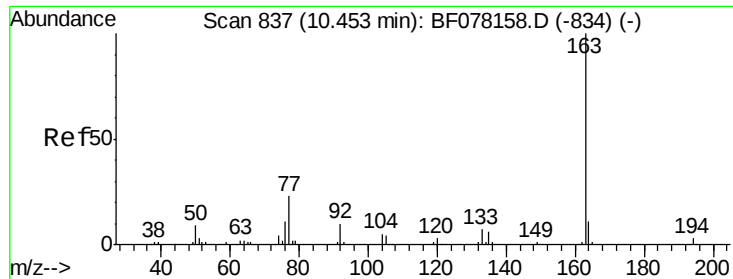
#44
 2-Fluorobiphenyl
 Concen: 91.03 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	42.8
170	23.5	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

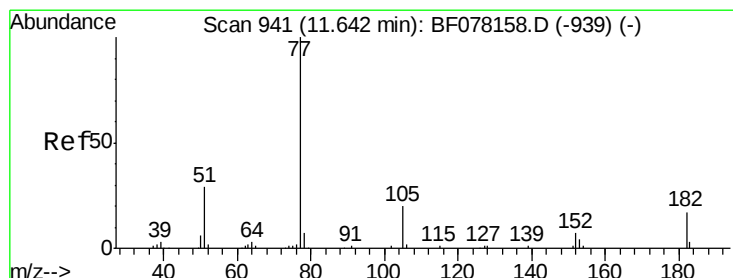
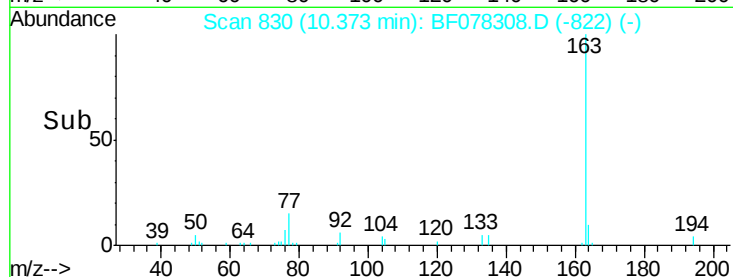
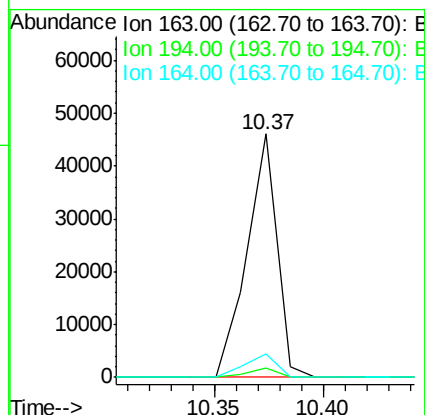
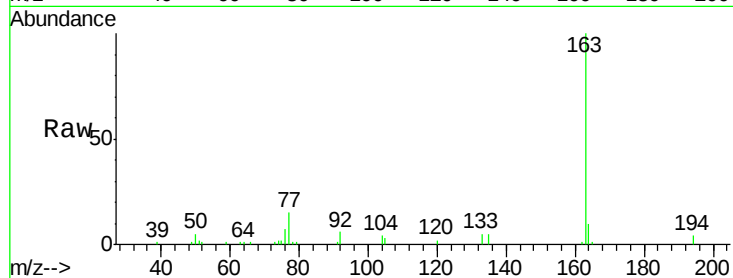




#49
Dimethylphthalate
Concen: 8.46 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF078308.D
Acq: 7 Apr 2015 20:01

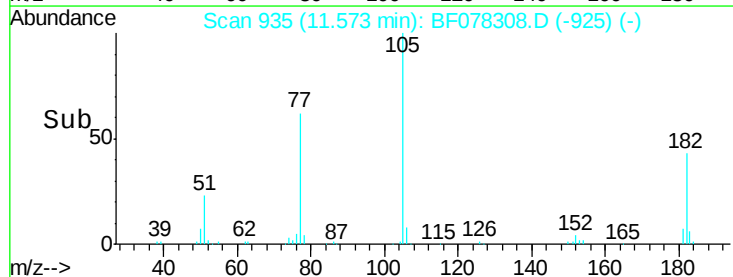
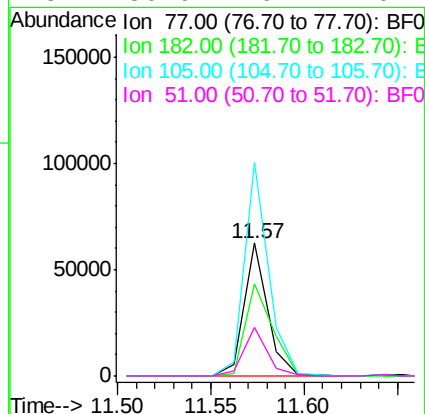
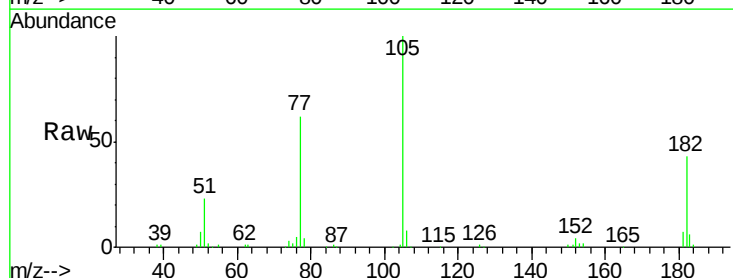
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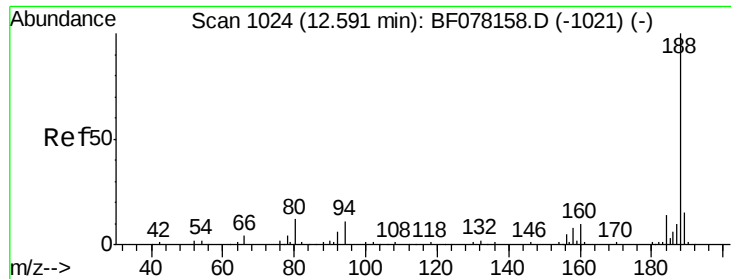
Tgt Ion: 163 Resp: 44085
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 9.6 8.6 13.0



#62
Azobenzene
Concen: 11.99 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF078308.D
Acq: 7 Apr 2015 20:01

Tgt Ion: 77 Resp: 54988
Ion Ratio Lower Upper
77 100
182 69.2 0.0 36.8#
105 160.6 0.3 40.3#
51 36.6 9.1 49.1

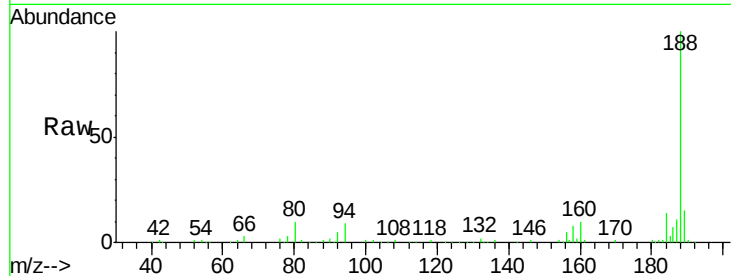




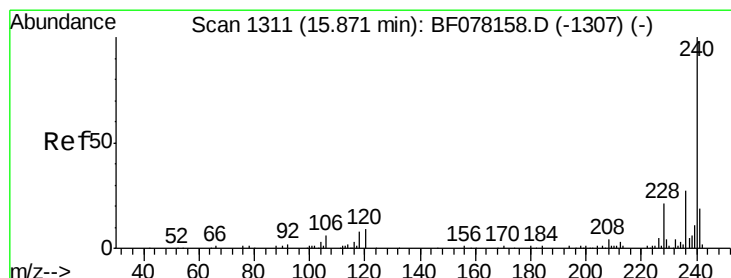
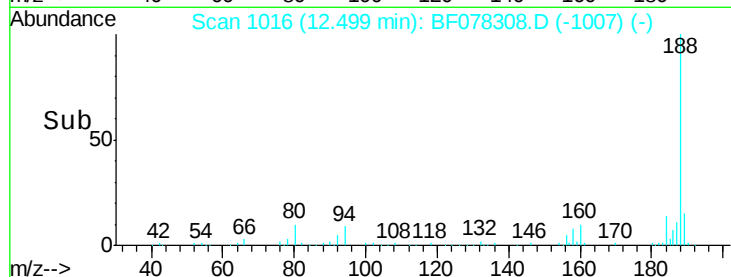
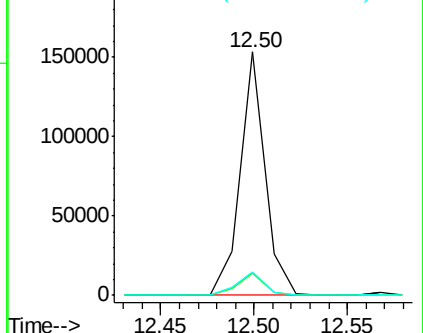
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078308.D
Acq: 7 Apr 2015 20:01

Instrument :
BNA_F
ClientSampleId :
FD-2

Tgt Ion:188 Resp: 143122
Ion Ratio Lower Upper
188 100
94 9.3 9.0 13.4
80 9.9 9.5 14.3

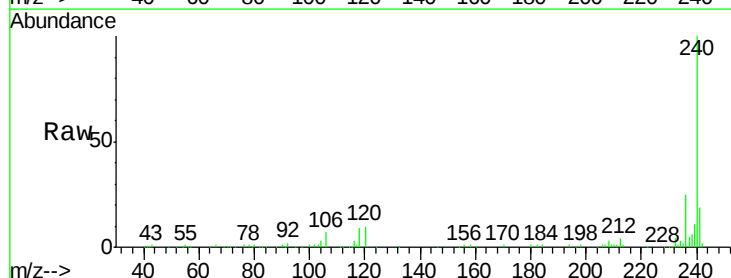


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

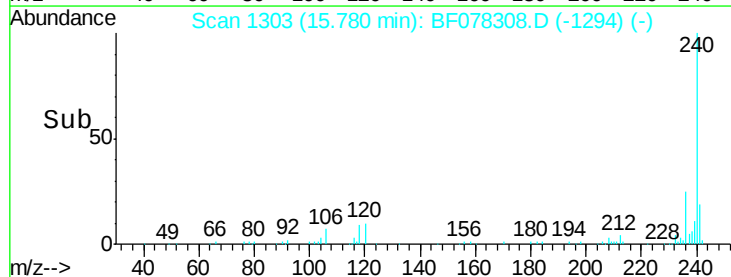
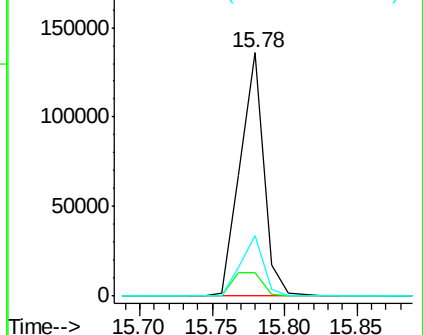


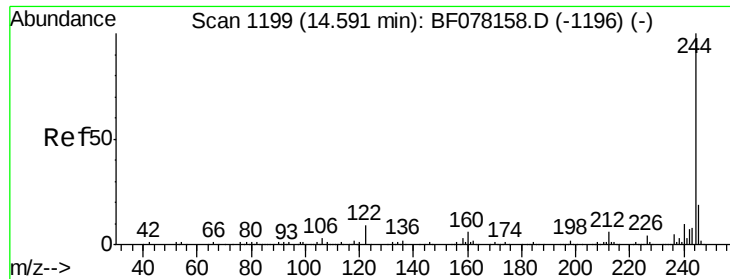
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.78 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF078308.D
Acq: 7 Apr 2015 20:01

Tgt Ion:240 Resp: 154634
Ion Ratio Lower Upper
240 100
120 9.5 7.1 10.7
236 24.8 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

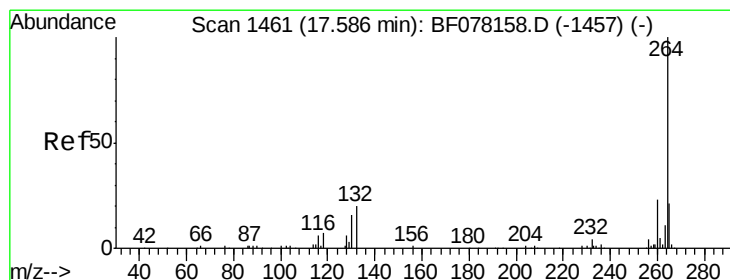
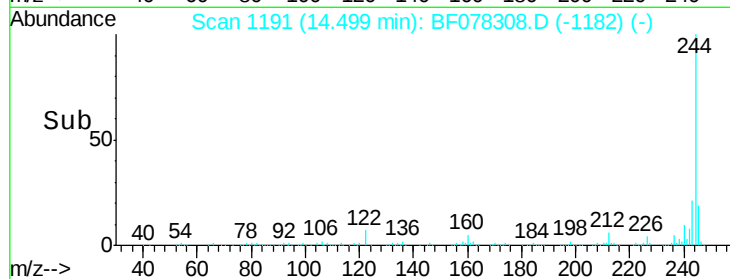
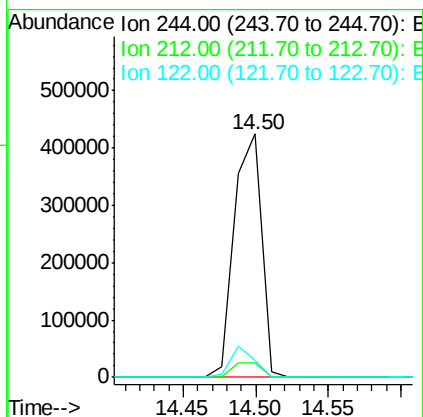
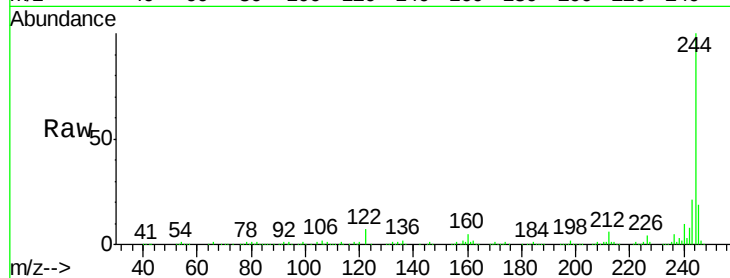




#78
 Terphenyl-d14
 Concen: 81.51 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Instrument :
 BNA_F
 ClientSampleID :
 FD-2

Tgt Ion:244 Resp: 557816
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 7.2 7.1 10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.56 min Scan# 1459
 Delta R.T. -0.00 min
 Lab File: BF078308.D
 Acq: 7 Apr 2015 20:01

Tgt Ion:264 Resp: 145728
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 22.0 17.0 25.6

