

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078311.D
 Acq On : 7 Apr 2015 21:27
 Operator : TP/IZ
 Sample : G1783-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(11-12)

Quant Time: Apr 08 01:24:25 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

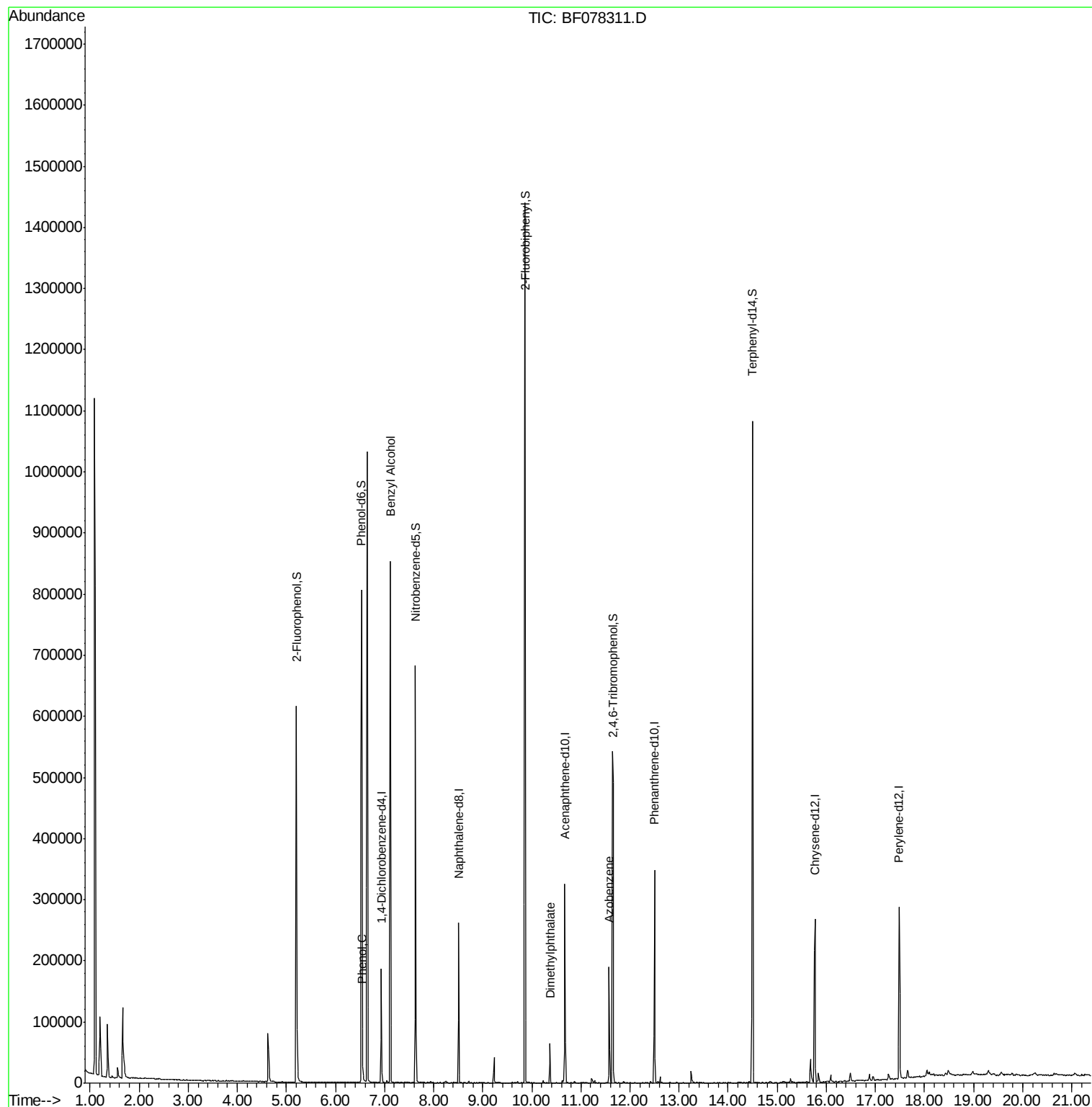
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	32698	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	135326	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	67908	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	133984	20.00	ng	0.00
75) Chrysene-d12	15.77	240	140330	20.00	ng	-0.01
86) Perylene-d12	17.48	264	129911	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	284509	143.46	ng	0.01
7) Phenol-d6	6.53	99	373427	150.25	ng	0.00
23) Nitrobenzene-d5	7.63	82	209467	93.82	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	91420	162.32	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	446928	94.08	ng	0.00
78) Terphenyl-d14	14.49	244	511293	82.33	ng	-0.01
Target Compounds						
10) Phenol	6.54	94	10551	3.54	ng	Qvalue 86
15) Benzyl Alcohol	7.12	79	3777	2.16	ng	# 59
49) Dimethylphthalate	10.37	163	34652	6.79	ng	# 97
62) Azobenzene	11.57	77	36472	8.12	ng	# 1

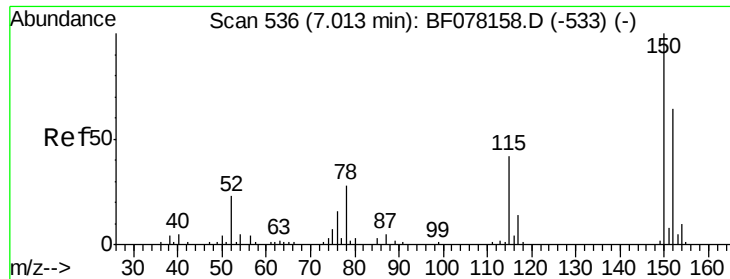
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 08 01:52:14 2015
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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: BF078311.D

Acq: 7 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SB-15(11-12)

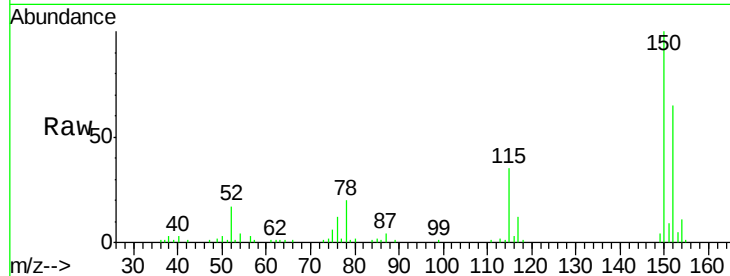
Tgt Ion:152 Resp: 32698

Ion Ratio Lower Upper

152 100

150 153.7 125.9 188.9

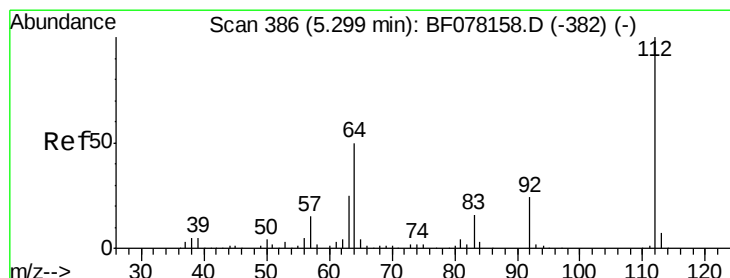
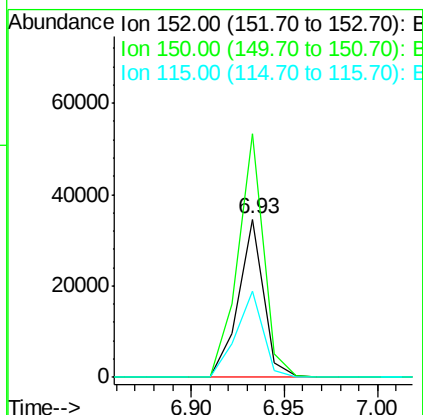
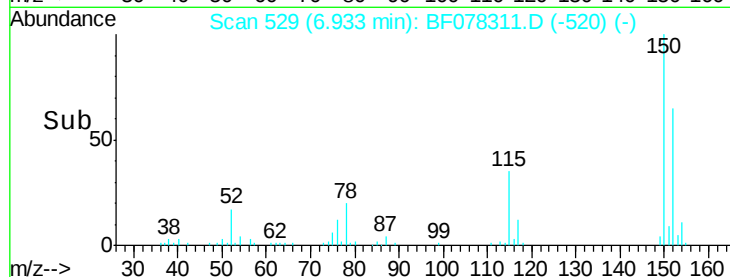
115 54.2 52.7 79.1



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: 143.46 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078311.D

Acq: 7 Apr 2015 21:27

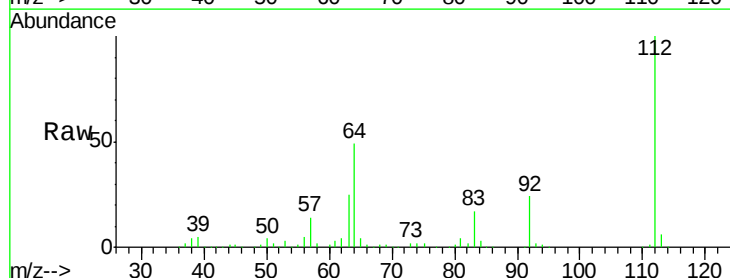
Tgt Ion:112 Resp: 284509

Ion Ratio Lower Upper

112 100

64 49.1 39.9 59.9

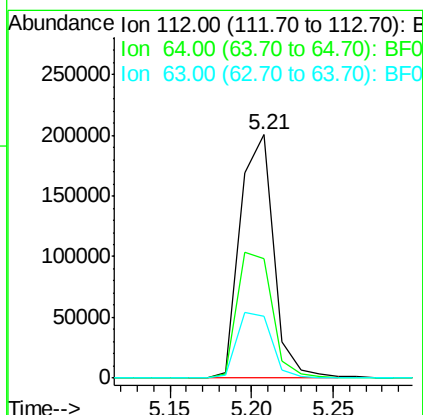
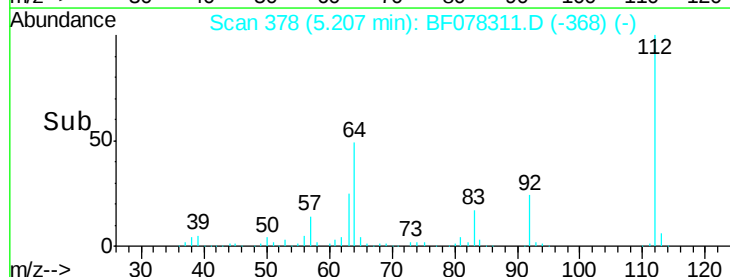
63 25.2 20.2 30.4

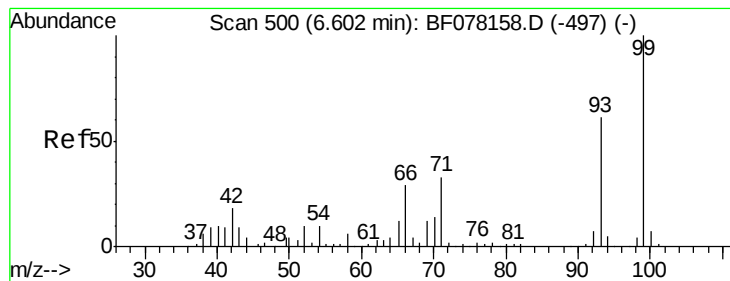


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.25 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078311.D

Acq: 7 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SB-15(11-12)

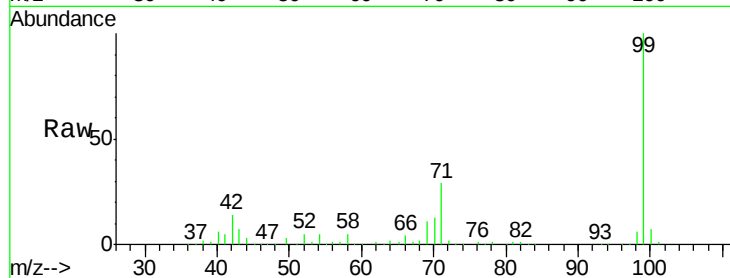
Tgt Ion: 99 Resp: 373427

Ion Ratio Lower Upper

99 100

42 14.0 14.8 22.2#

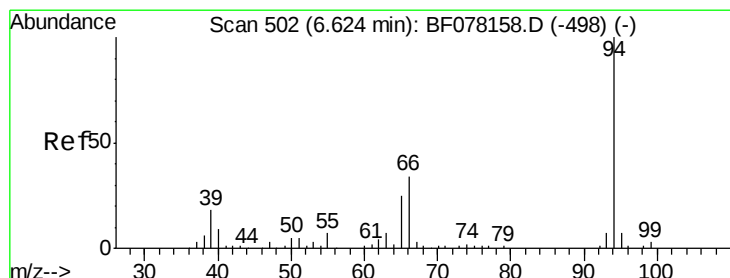
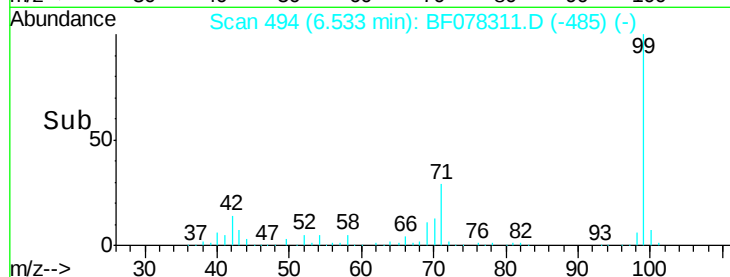
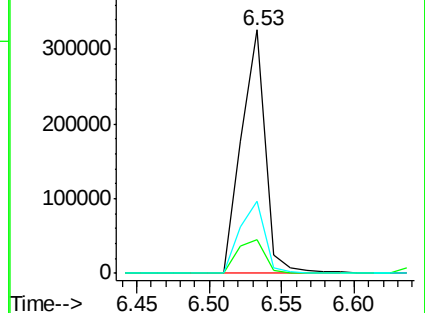
71 29.4 26.6 39.8



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: 3.54 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078311.D

Acq: 7 Apr 2015 21:27

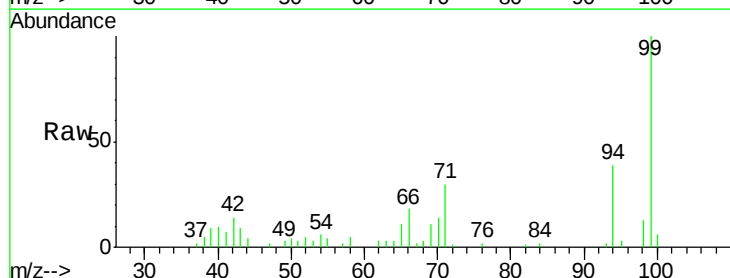
Tgt Ion: 94 Resp: 10551

Ion Ratio Lower Upper

94 100

65 28.3 4.9 44.9

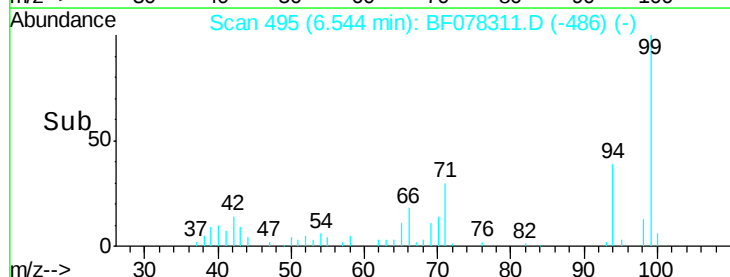
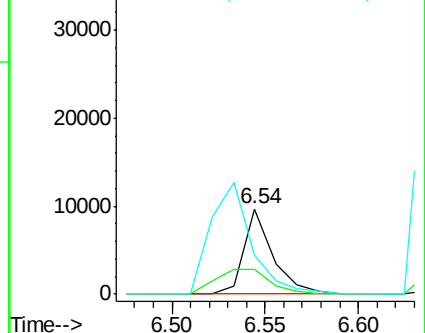
66 45.1 13.8 53.8

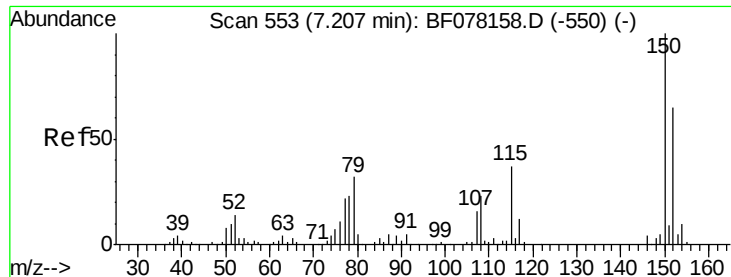


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.12 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF078311.D

Acq: 7 Apr 2015 21:27

Instrument :

BNA_F

ClientSampleId :

SB-15(11-12)

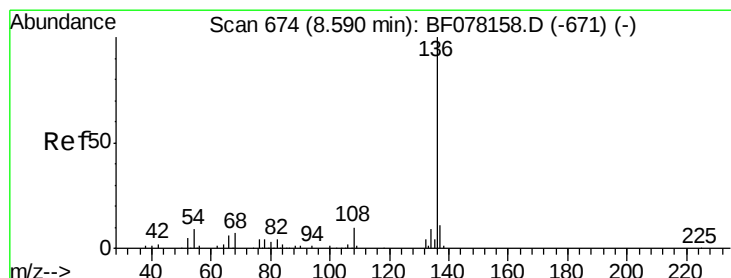
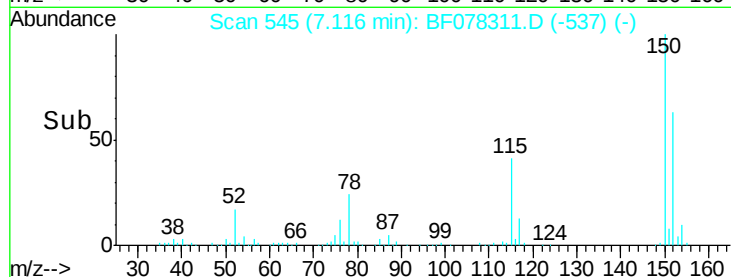
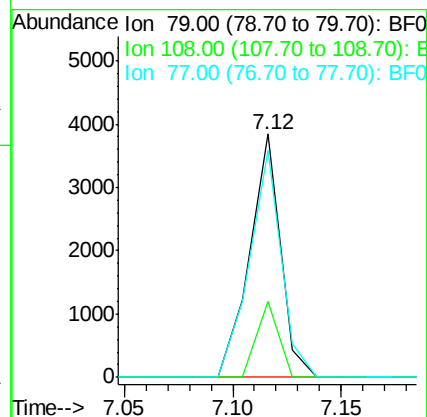
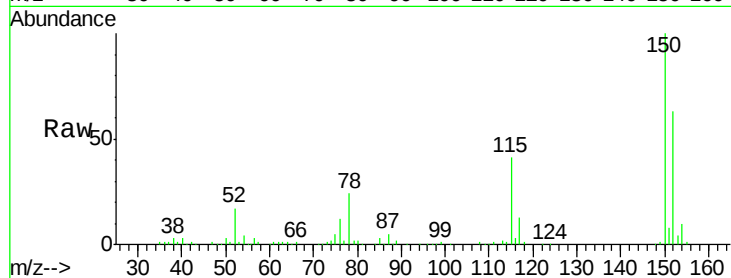
Tgt Ion: 79 Resp: 3777

Ion Ratio Lower Upper

79 100

108 31.1 57.6 86.4#

77 93.3 53.5 80.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078311.D

Acq: 7 Apr 2015 21:27

Tgt Ion: 136 Resp: 135326

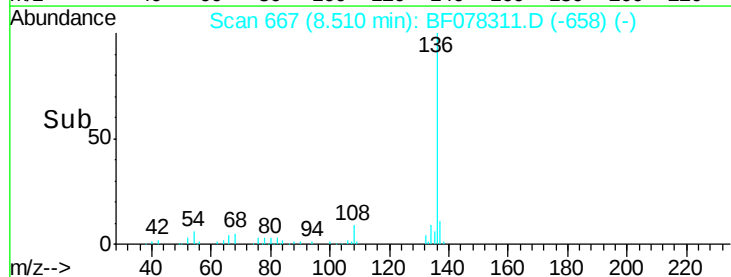
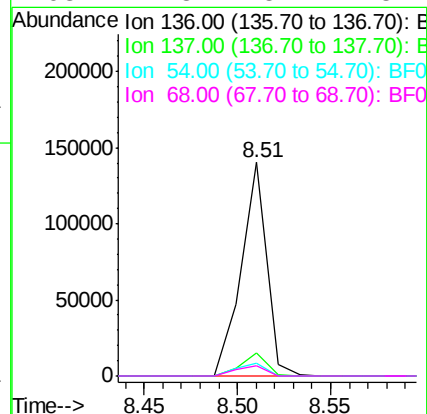
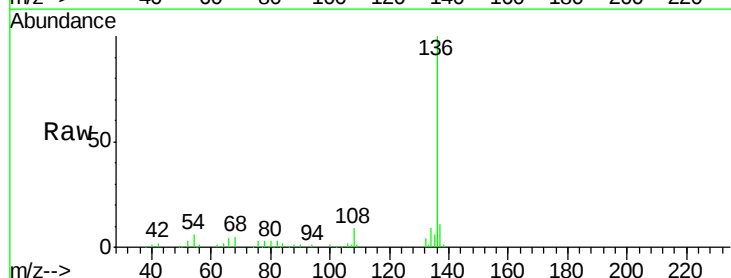
Ion Ratio Lower Upper

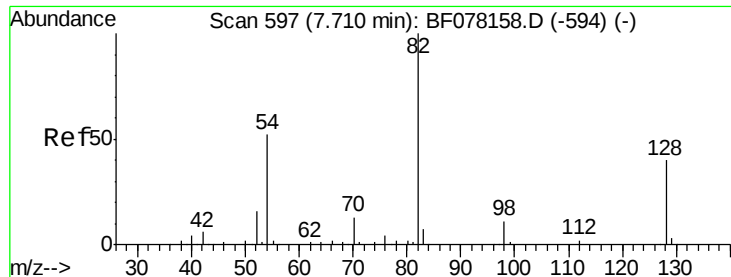
136 100

137 10.9 9.0 13.4

54 5.8 7.0 10.6#

68 4.8 5.4 8.2#

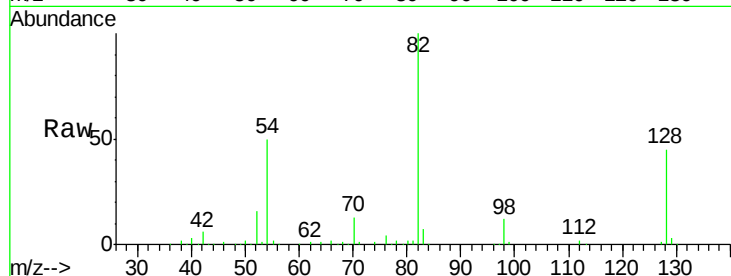




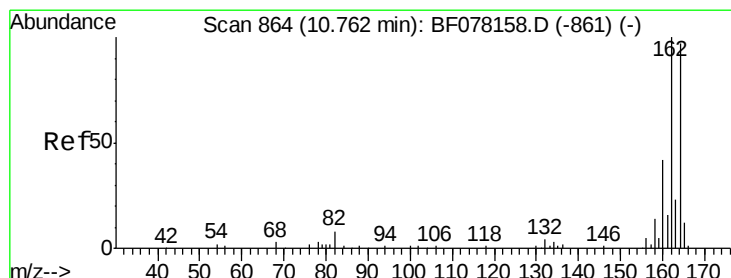
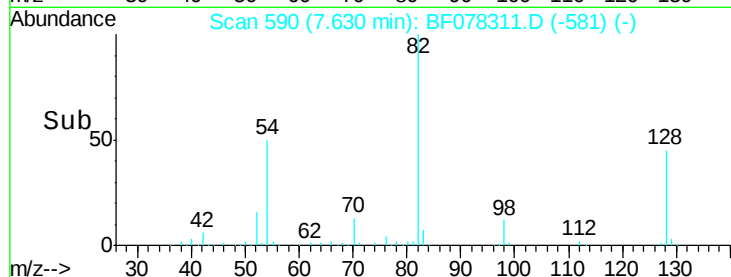
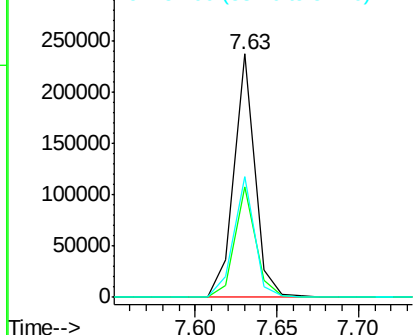
#23
 Nitrobenzene-d5
 Concen: 93.82 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(11-12)

Tgt Ion: 82 Resp: 209467
 Ion Ratio Lower Upper
 82 100
 128 45.4 31.8 47.8
 54 49.5 41.5 62.3

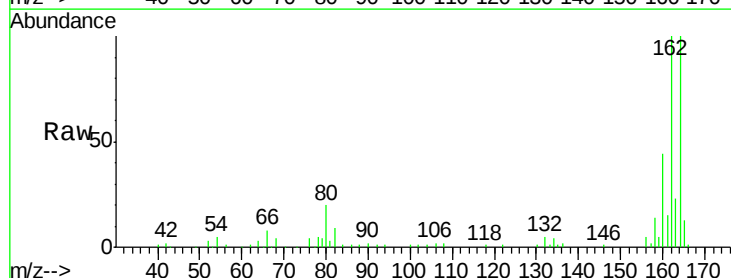


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

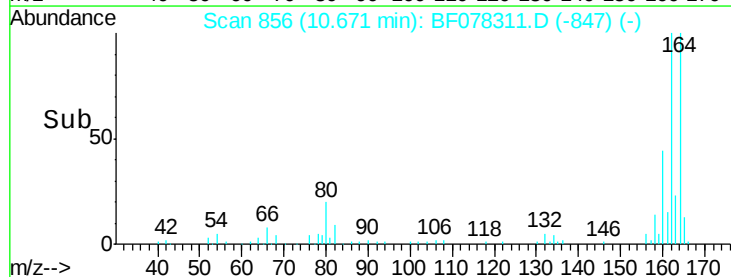
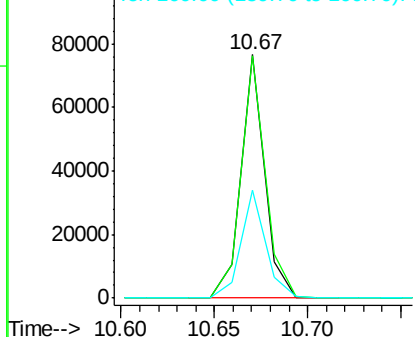


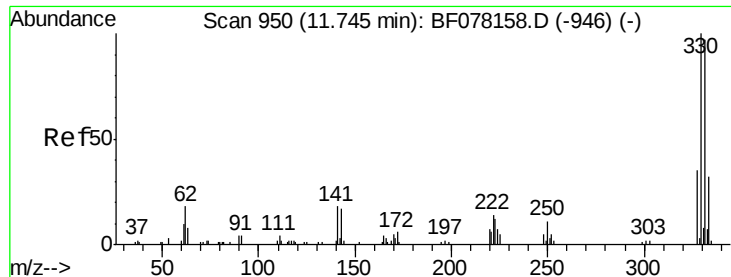
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Tgt Ion: 164 Resp: 67908
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.2 123.2
 160 44.4 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

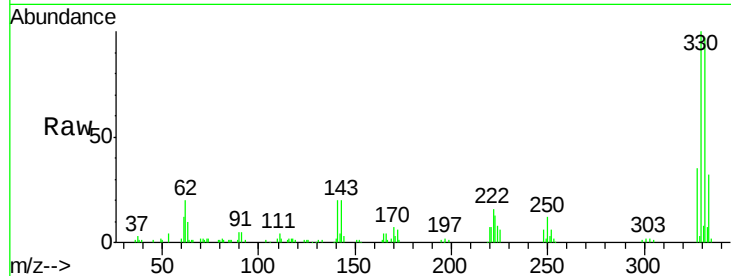




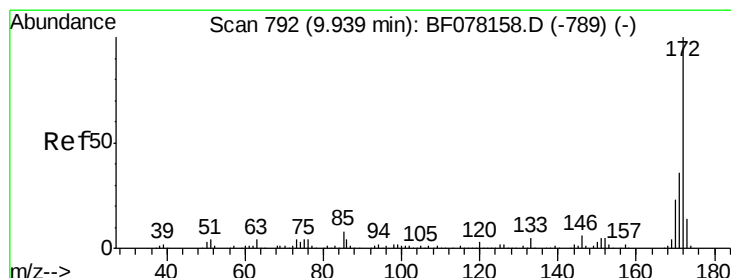
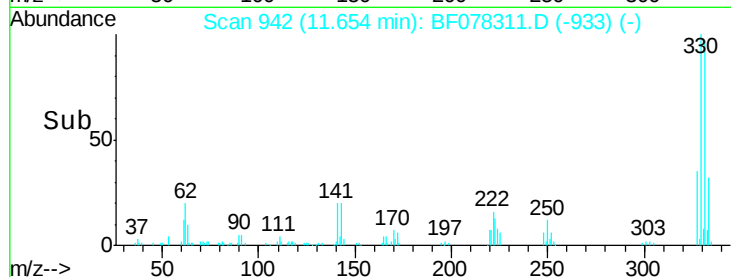
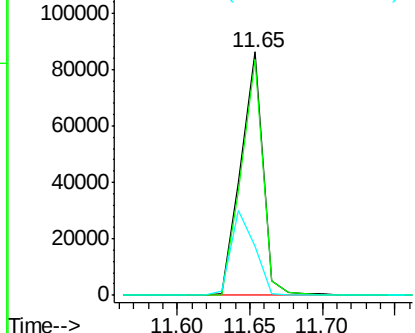
#41
 2,4,6-Tribromophenol
 Concen: 162.32 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(11-12)

Tgt Ion:330 Resp: 91420
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.6 117.8
 141 37.3 31.2 46.8

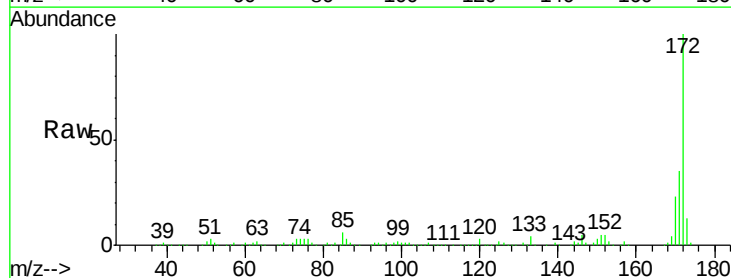


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

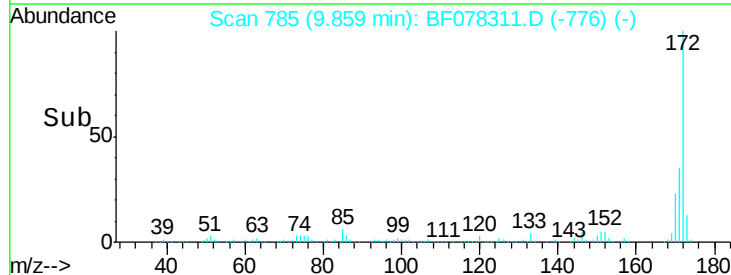
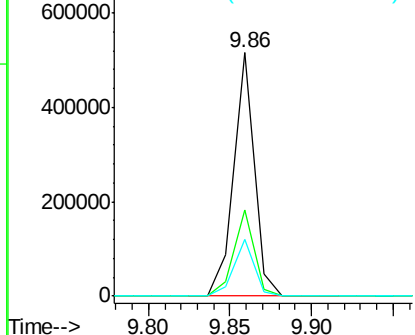


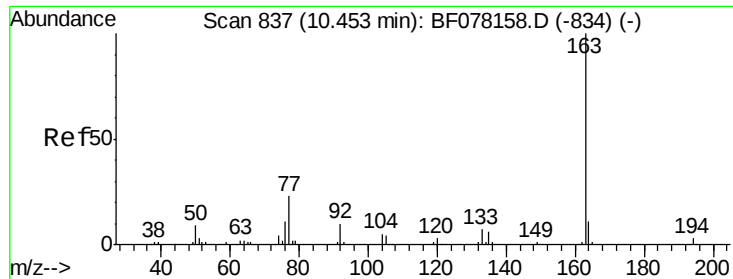
#44
 2-Fluorobiphenyl
 Concen: 94.08 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Tgt Ion:172 Resp: 446928
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

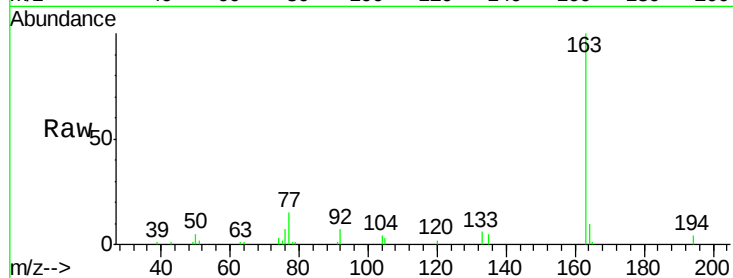




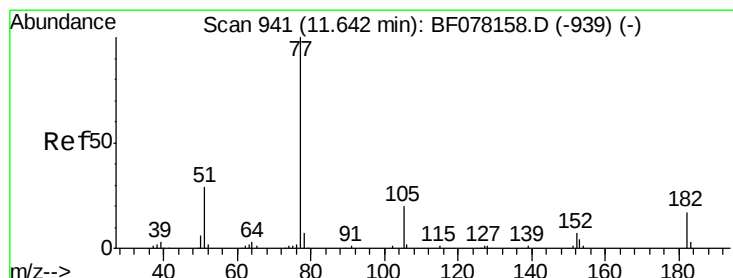
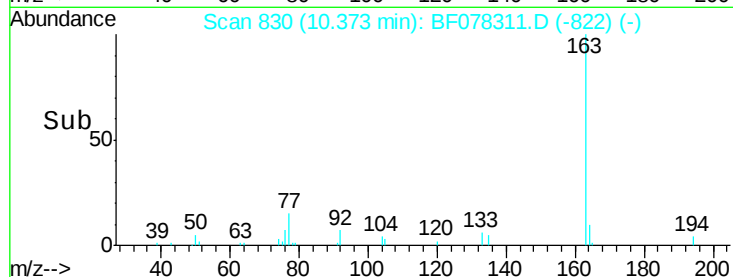
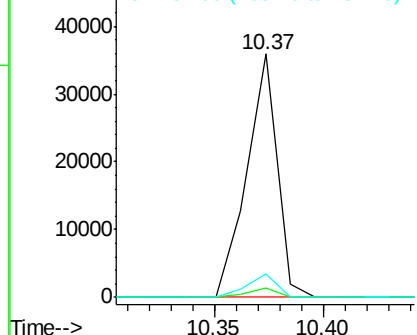
#49
Dimethylphthalate
Concen: 6.79 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF078311.D
Acq: 7 Apr 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SB-15(11-12)

Tgt Ion:163 Resp: 34652
Ion Ratio Lower Upper
163 100
194 3.7 2.3 3.5#
164 9.6 8.6 13.0

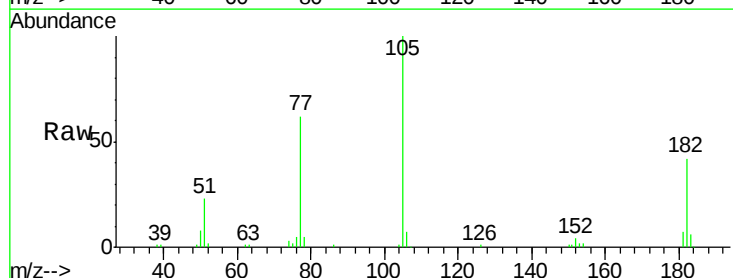


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

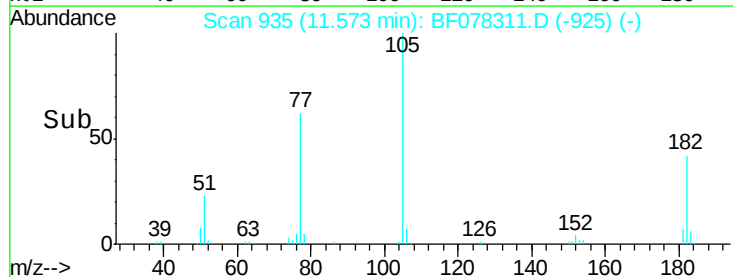
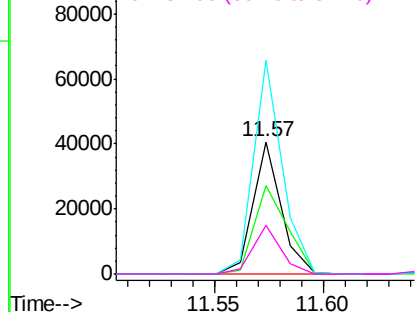


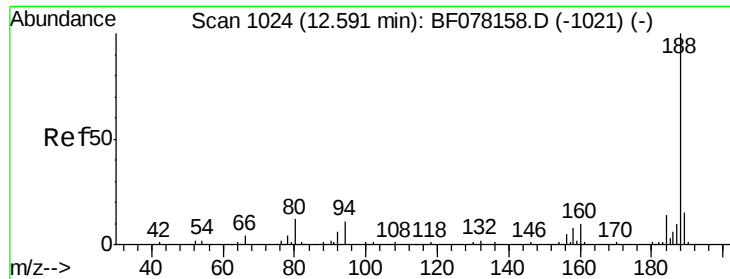
#62
Azobenzene
Concen: 8.12 ng
RT: 11.57 min Scan# 935
Delta R.T. 0.01 min
Lab File: BF078311.D
Acq: 7 Apr 2015 21:27

Tgt Ion: 77 Resp: 36472
Ion Ratio Lower Upper
77 100
182 67.2 0.0 36.8#
105 161.4 0.3 40.3#
51 37.2 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

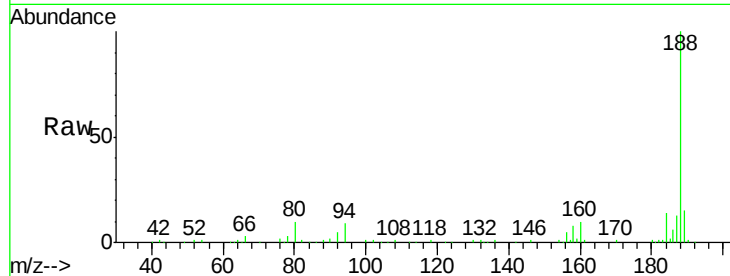




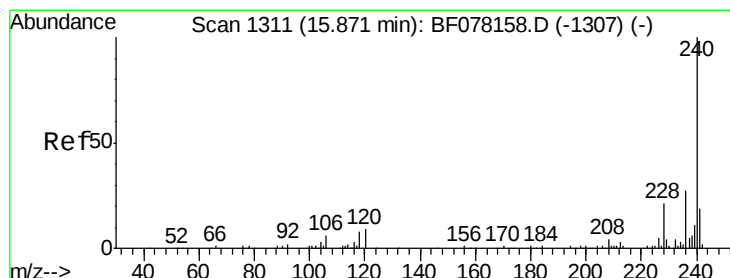
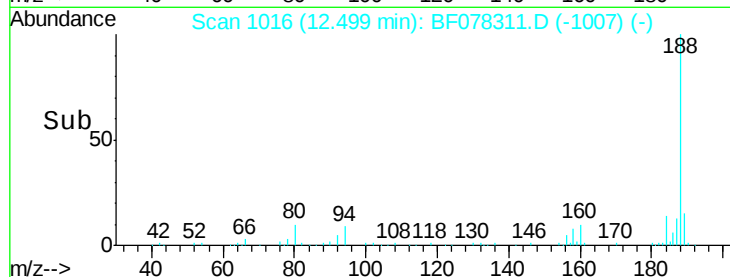
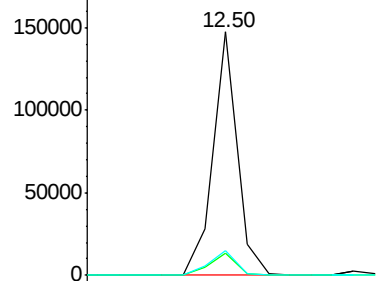
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078311.D
Acq: 7 Apr 2015 21:27

Instrument :
BNA_F
ClientSampleId :
SB-15(11-12)

Tgt Ion:188 Resp: 133984
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.4
80 10.0 9.5 14.3

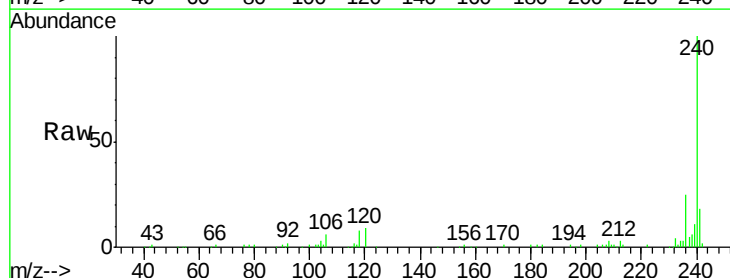


Abundance Ion 188.00 (187.70 to 188.70): E
200000
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

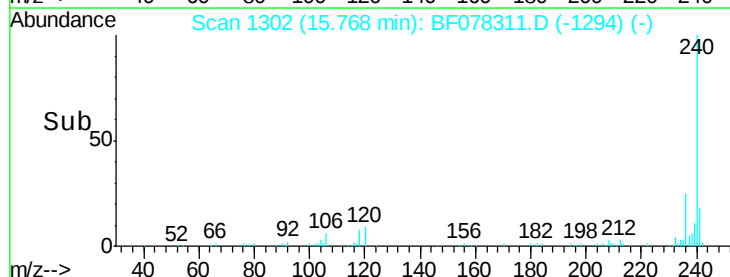
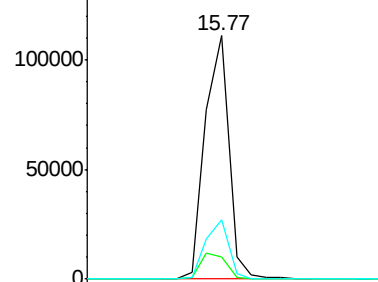


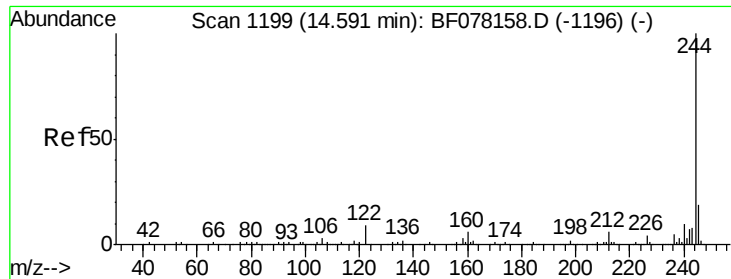
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078311.D
Acq: 7 Apr 2015 21:27

Tgt Ion:240 Resp: 140330
Ion Ratio Lower Upper
240 100
120 9.0 7.1 10.7
236 24.5 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E
150000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

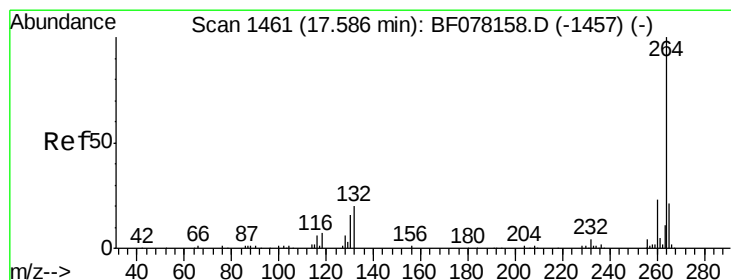
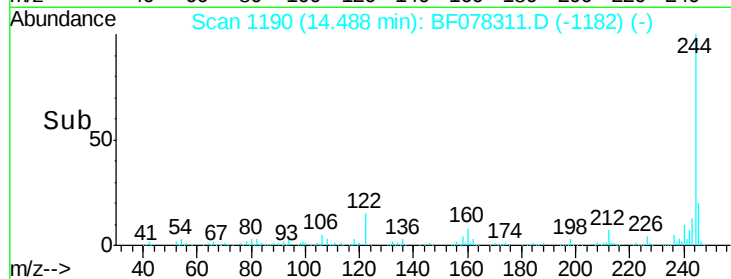
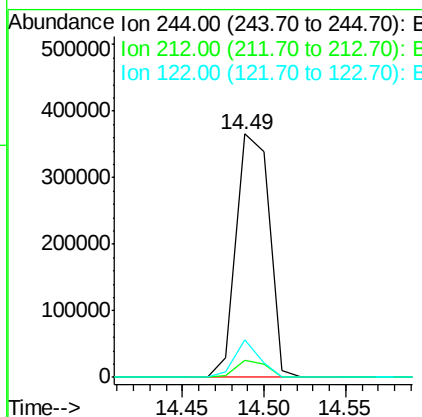
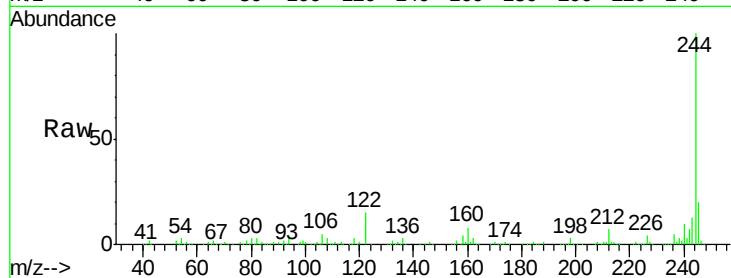




#78
 Terphenyl-d14
 Concen: 82.33 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Instrument :
 BNA_F
 ClientSampleId :
 SB-15(11-12)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.0	7.4
122	15.2	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.48 min Scan# 1452
 Delta R.T. -0.08 min
 Lab File: BF078311.D
 Acq: 7 Apr 2015 21:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.0	17.0	25.6

