

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078033.D
 Acq On : 27 Mar 2015 10:46
 Operator : TP/IZ
 Sample : G1642-10
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Mar 27 14:11:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 02:09:19 2015
 Response via : Initial Calibration

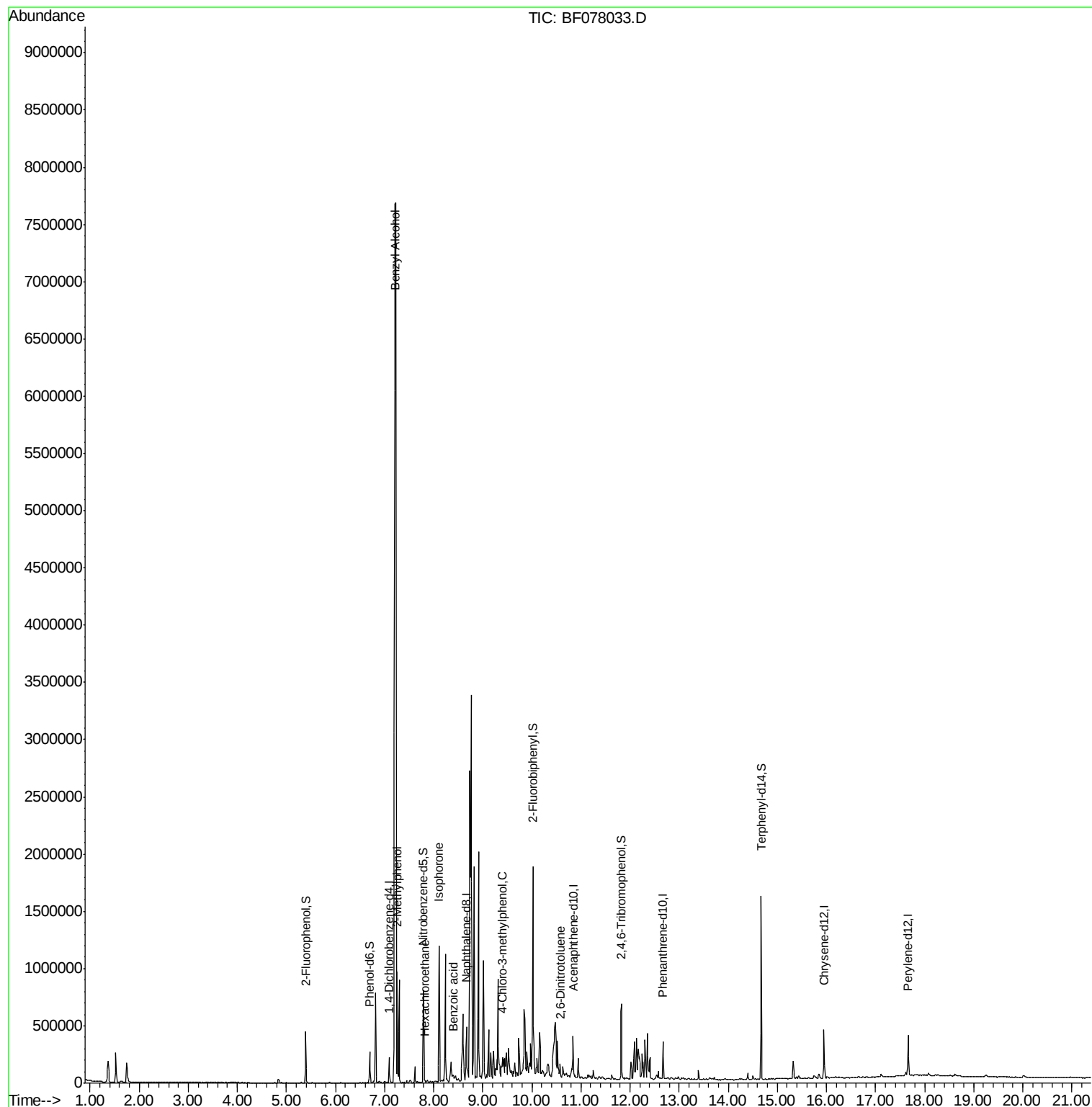
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	39069	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	159369	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	78176	20.00	ng	-0.07
63) Phenanthrene-d10	12.67	188	149700	20.00	ng	-0.08
75) Chrysene-d12	15.95	240	158504	20.00	ng	-0.18
86) Perylene-d12	17.67	264	149304	20.00	ng	-0.43
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	150553	67.26	ng	-0.05
7) Phenol-d6	6.69	99	119729	43.30	ng	-0.03
23) Nitrobenzene-d5	7.79	82	245637	101.03	ng	-0.07
41) 2,4,6-Tribromophenol	11.82	330	103721	138.67	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	526535	98.98	ng	-0.07
78) Terphenyl-d14	14.67	244	564907	87.06	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	7.22	79	228713	105.95	ng	# 1
17) 2-Methylphenol	7.25	107	13442	6.20	ng	# 1
18) Hexachloroethane	7.82	117	4136	4.10	ng	# 3
25) Isophorone	8.11	82	9856	2.01	ng	# 1
32) Benzoic acid	8.40	122	8778	9.39	ng	# 72
36) 4-Chloro-3-methylphenol	9.40	107	9122	4.07	ng	# 14
50) 2,6-Dinitrotoluene	10.58	165	13886	11.55	ng	# 25

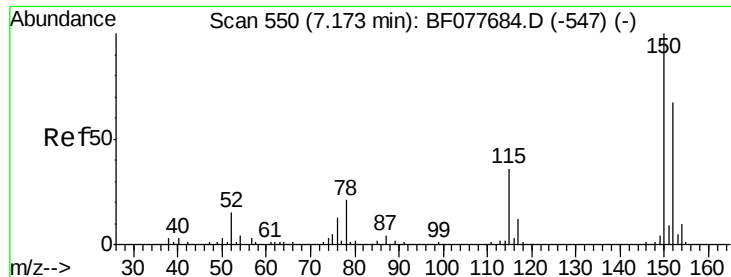
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

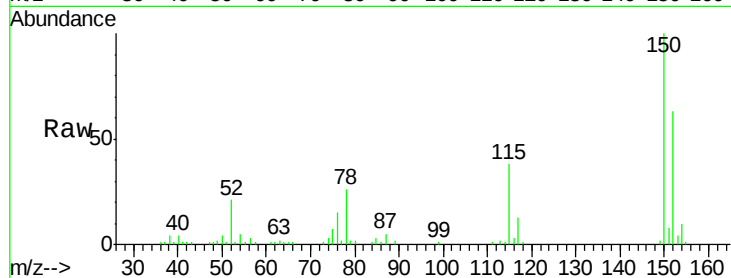
Tgt Ion:152 Resp: 39069

Ion Ratio Lower Upper

152 100

150 157.9 119.5 179.3

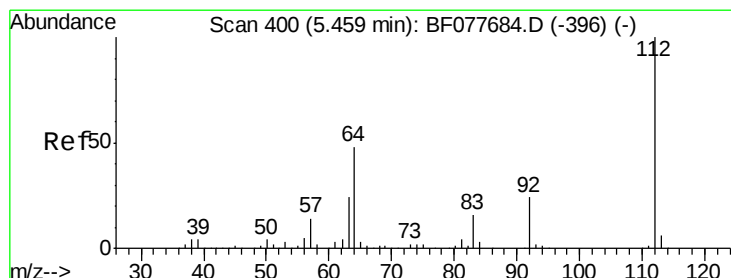
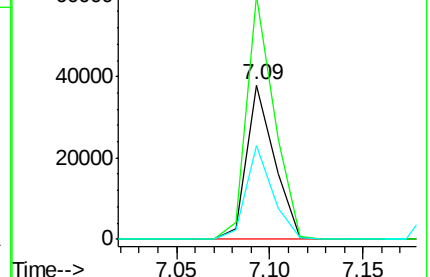
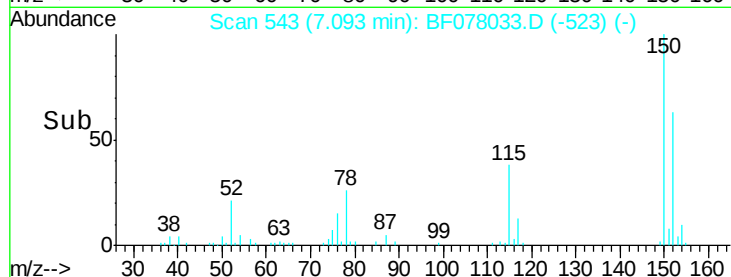
115 60.7 43.0 64.4



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: 67.26 ng

RT: 5.39 min Scan# 394

Delta R.T. -0.05 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

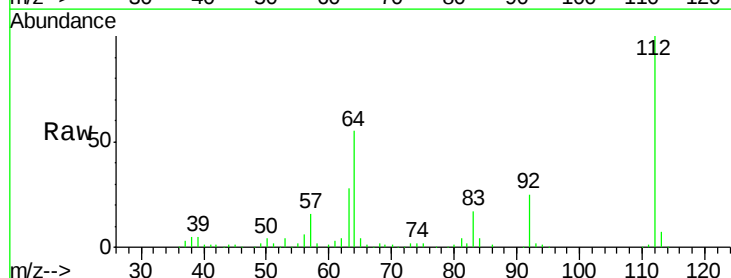
Tgt Ion:112 Resp: 150553

Ion Ratio Lower Upper

112 100

64 54.5 38.6 57.8

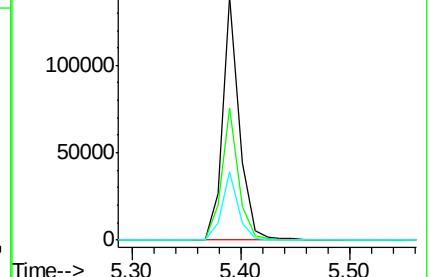
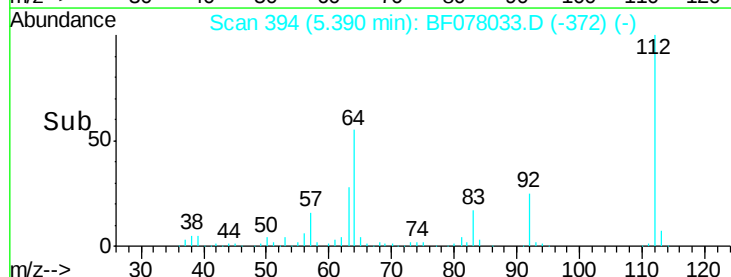
63 27.9 19.3 28.9



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: 43.30 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

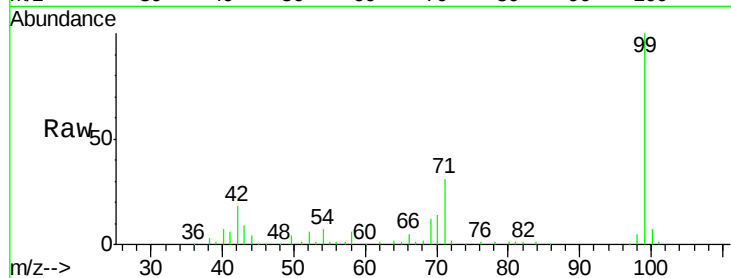
Tgt Ion: 99 Resp: 119729

Ion Ratio Lower Upper

99 100

42 17.6 11.0 16.4#

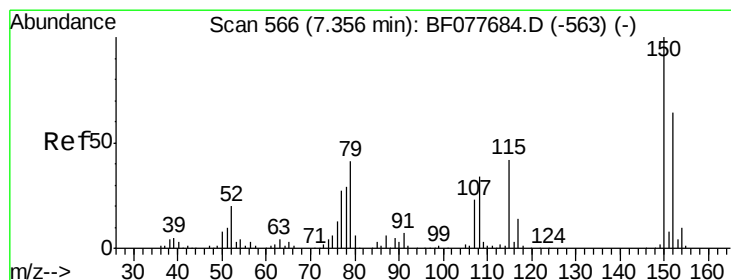
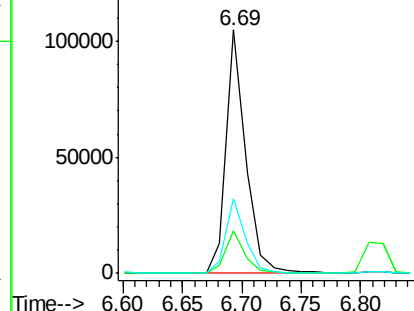
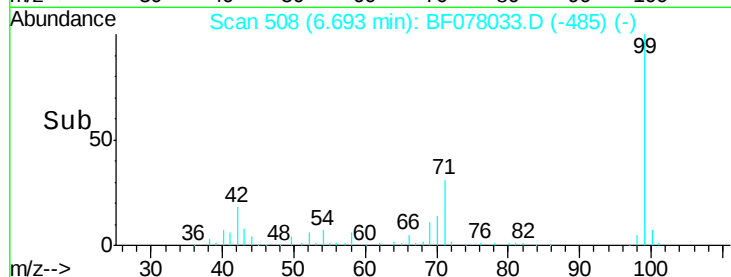
71 30.7 23.4 35.2



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



#15

Benzyl Alcohol

Concen: 105.95 ng

RT: 7.22 min Scan# 554

Delta R.T. -0.13 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

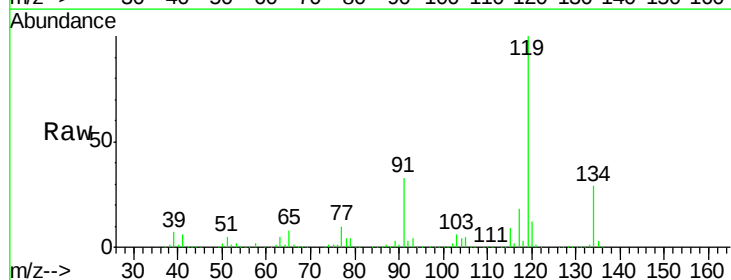
Tgt Ion: 79 Resp: 228713

Ion Ratio Lower Upper

79 100

108 0.0 65.0 97.4#

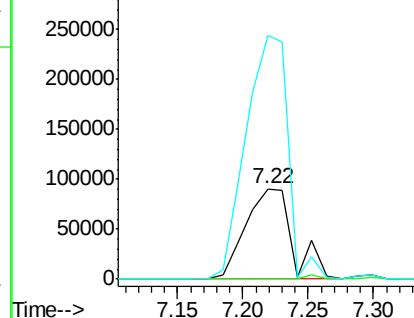
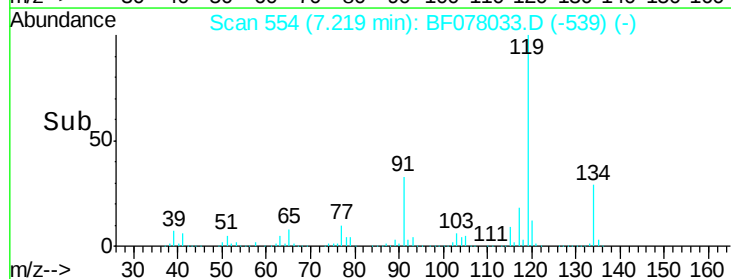
77 269.3 53.0 79.6#

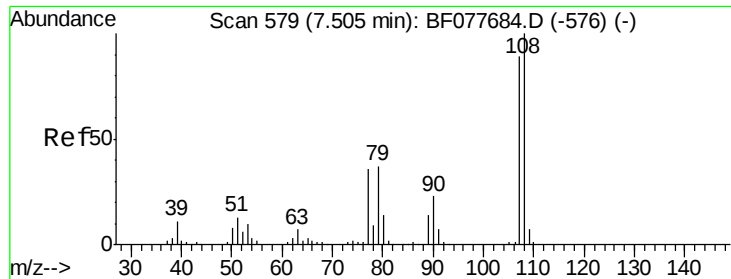


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0





#17

2-Methylphenol

Concen: 6.20 ng

RT: 7.25 min Scan# 557

Delta R.T. -0.24 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

Tgt Ion:107 Resp: 13442

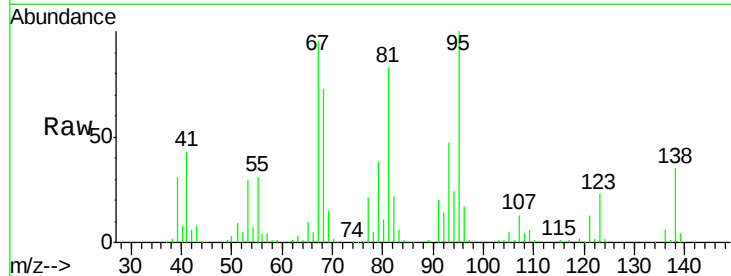
Ion Ratio Lower Upper

107 100

108 30.5 89.8 134.8#

77 166.0 32.6 48.8#

79 292.6 32.8 49.2#

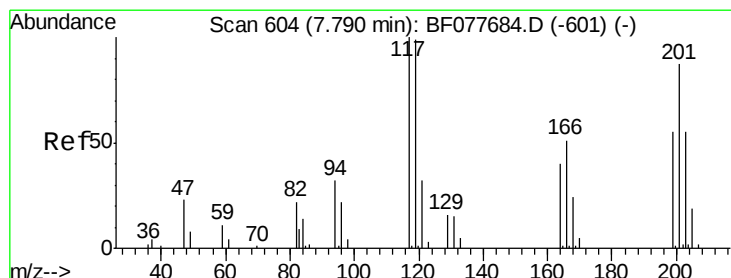
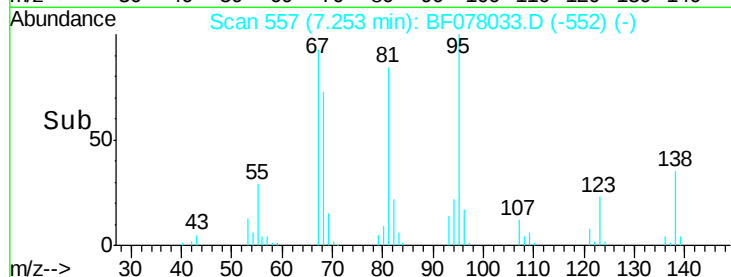
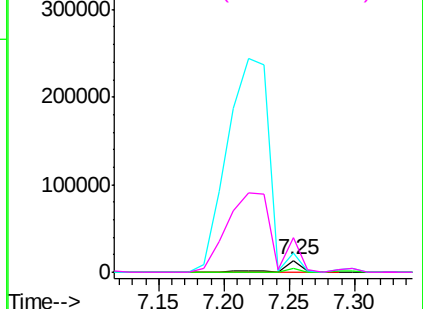


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 4.10 ng

RT: 7.82 min Scan# 607

Delta R.T. 0.05 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

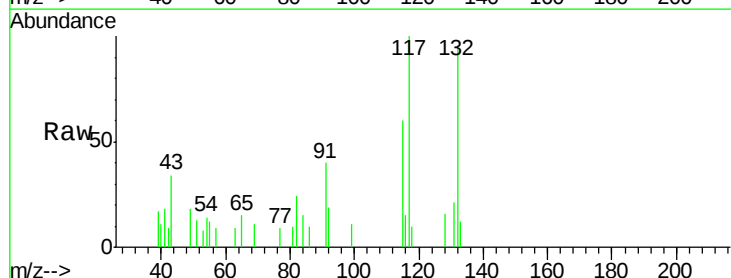
Tgt Ion:117 Resp: 4136

Ion Ratio Lower Upper

117 100

119 0.0 79.2 118.8#

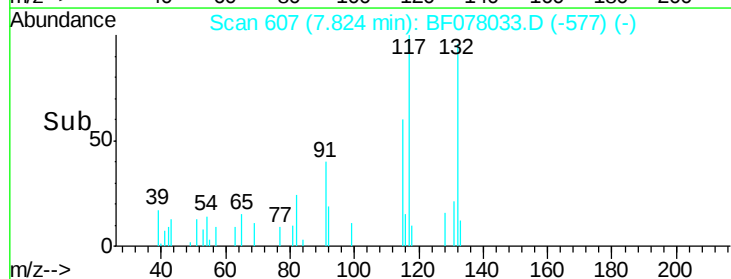
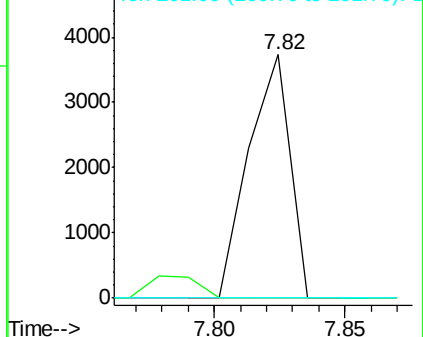
201 0.0 69.8 104.6#

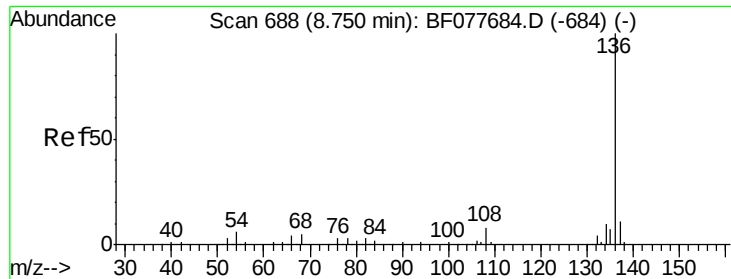


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

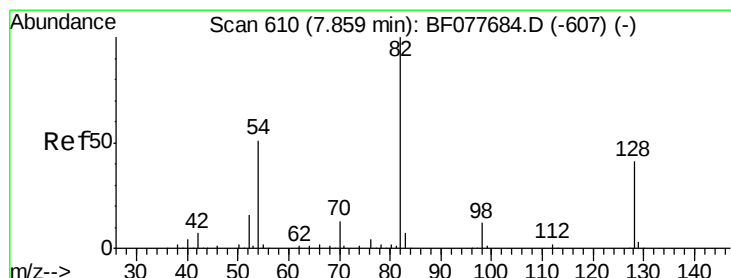
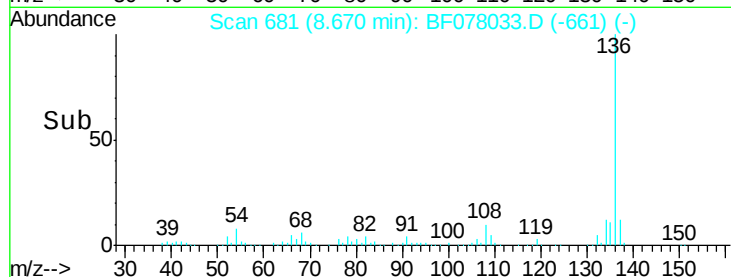
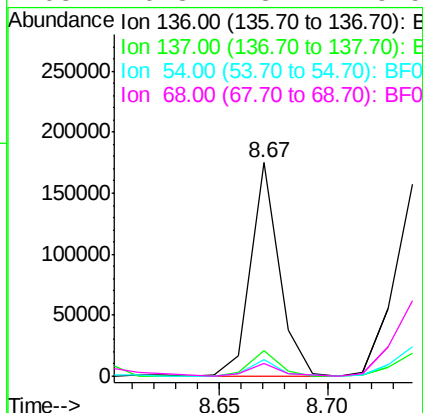
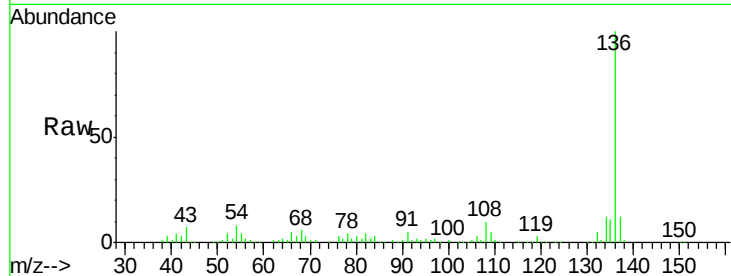




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078033.D
Acq: 27 Mar 2015 10:46

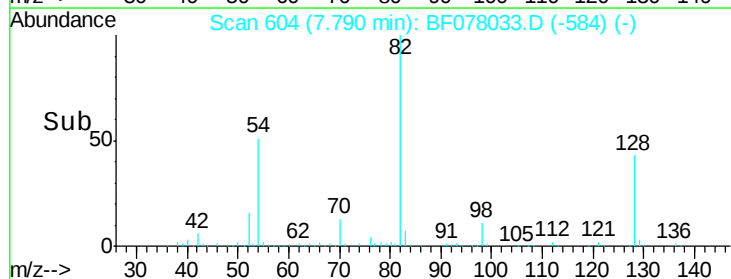
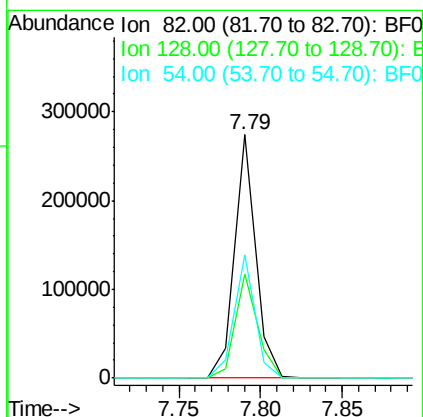
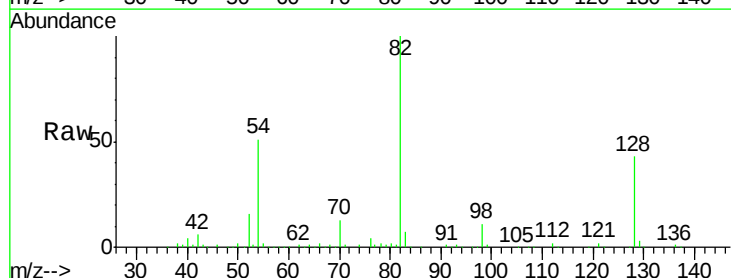
Instrument :
BNA_F
ClientSampleId :
MW-15

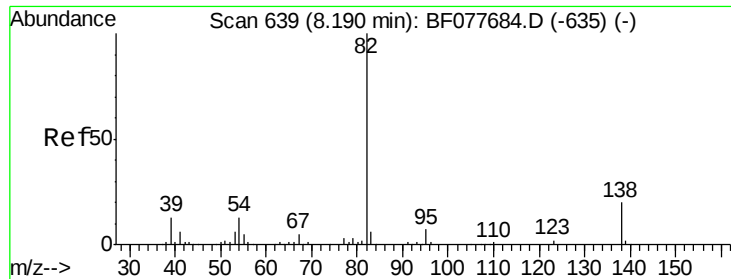
Tgt Ion:	136	Resp:	159369
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.7	13.1
54	7.9	4.6	6.8#
68	6.3	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 101.03 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078033.D
Acq: 27 Mar 2015 10:46

Tgt Ion:	82	Resp:	245637
Ion	Ratio	Lower	Upper
82	100		
128	42.9	32.8	49.2
54	50.5	40.6	60.8





#25

Isophorone

Concen: 2.01 ng

RT: 8.11 min Scan# 632

Delta R.T. -0.07 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

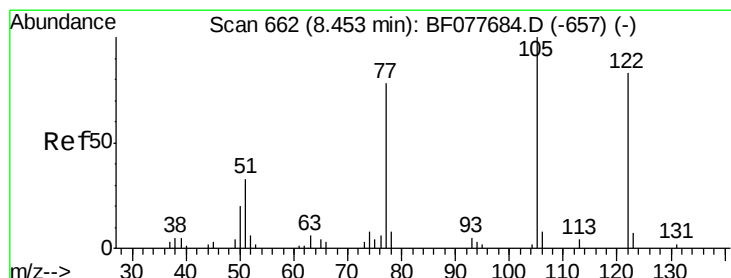
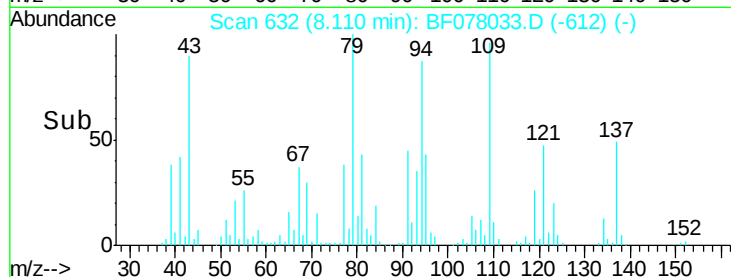
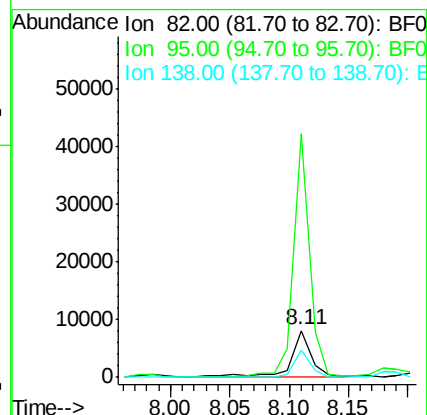
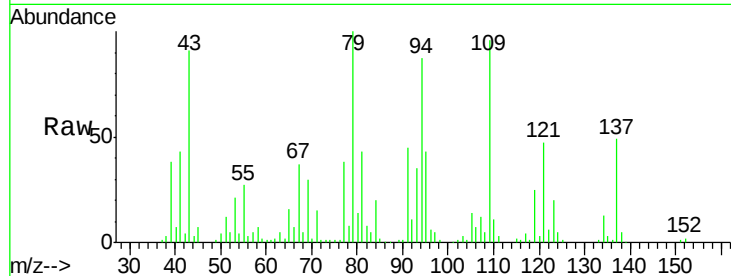
Tgt Ion: 82 Resp: 9856

Ion Ratio Lower Upper

82 100

95 521.3 5.8 8.6#

138 58.9 16.3 24.5#



#32

Benzoic acid

Concen: 9.39 ng

RT: 8.40 min Scan# 657

Delta R.T. -0.06 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

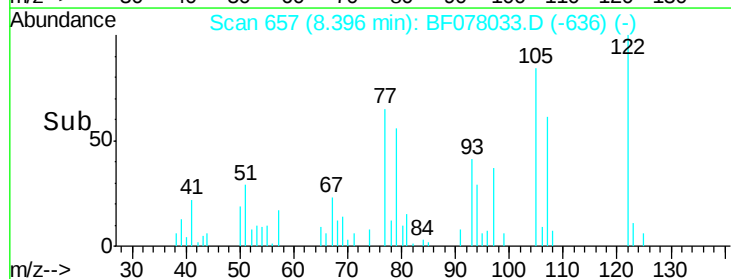
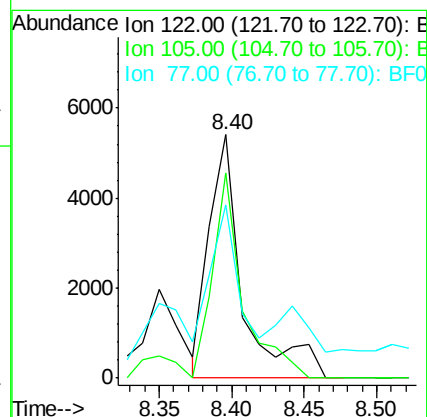
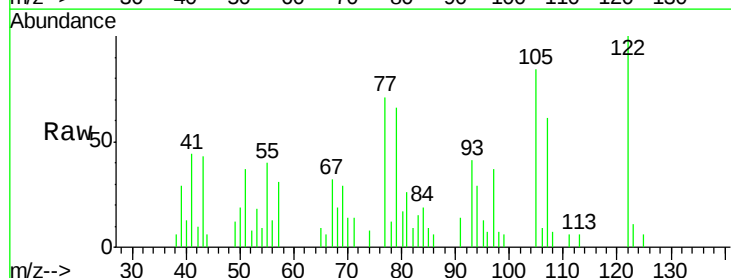
Tgt Ion: 122 Resp: 8778

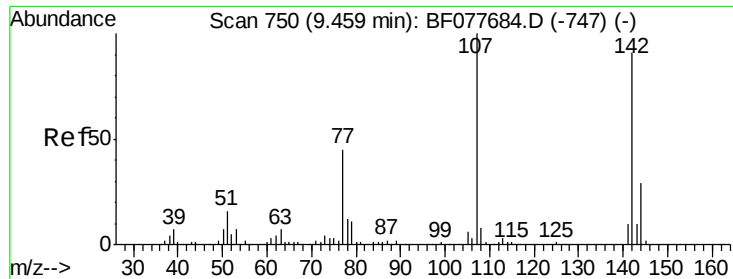
Ion Ratio Lower Upper

122 100

105 84.1 99.9 139.9#

77 71.0 73.7 113.7#

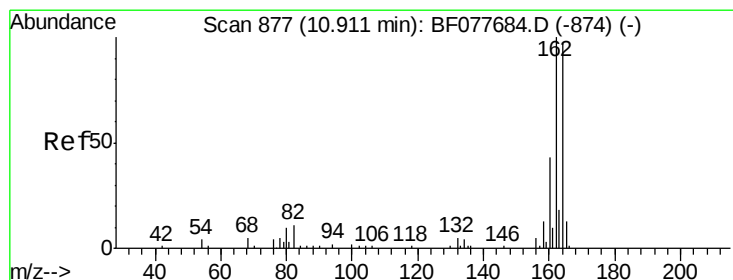
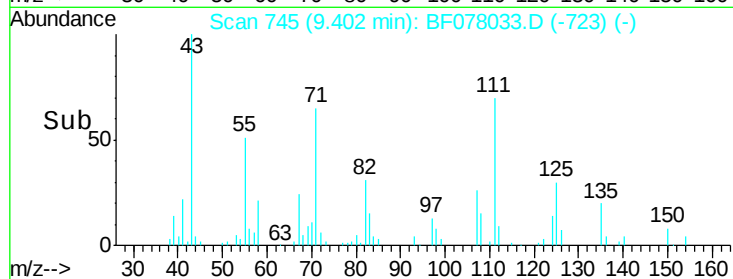
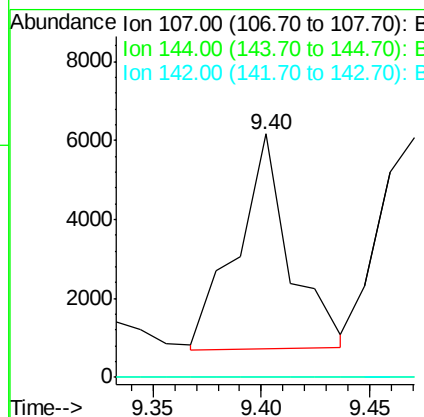
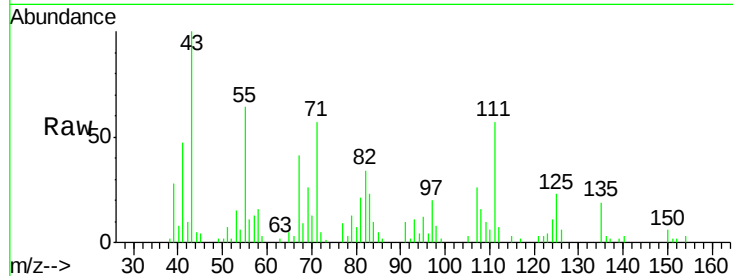




#36
 4-Chloro-3-methylphenol
 Concen: 4.07 ng
 RT: 9.40 min Scan# 745
 Delta R.T. -0.05 min
 Lab File: BF078033.D
 Acq: 27 Mar 2015 10:46

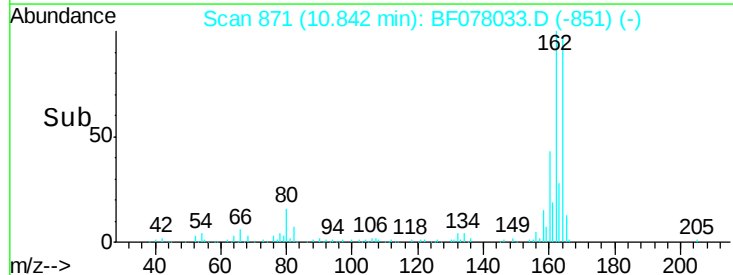
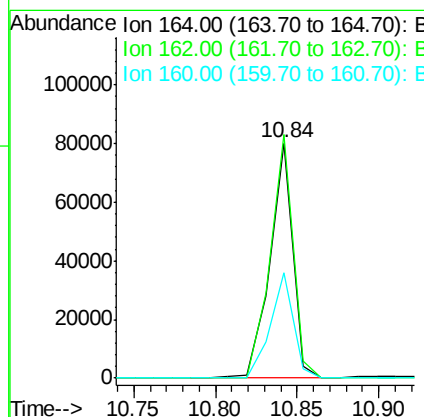
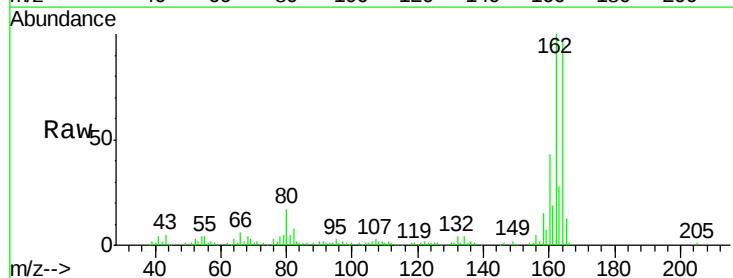
Instrument :
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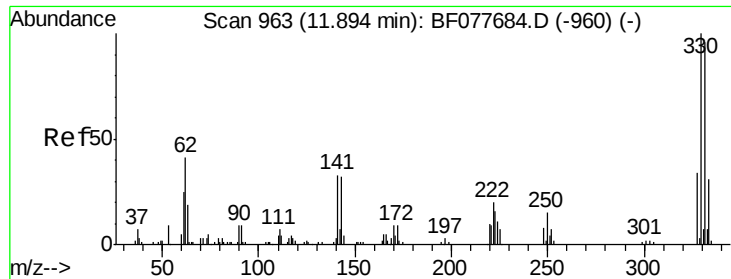
Tgt Ion:107 Resp: 9122
 Ion Ratio Lower Upper
 107 100
 144 0.0 23.3 34.9#
 142 0.0 72.6 109.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 871
 Delta R.T. -0.07 min
 Lab File: BF078033.D
 Acq: 27 Mar 2015 10:46

Tgt Ion:164 Resp: 78176
 Ion Ratio Lower Upper
 164 100
 162 103.6 82.4 123.6
 160 44.9 35.8 53.6

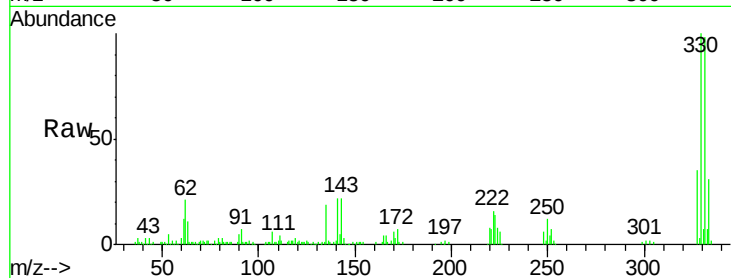




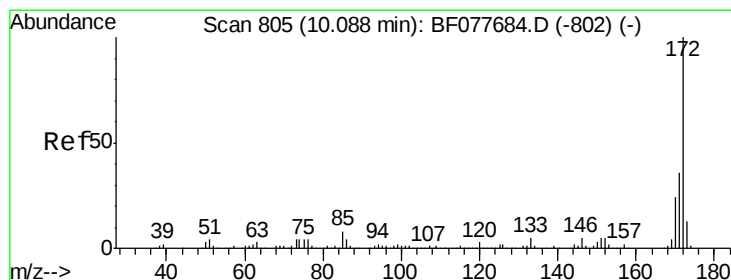
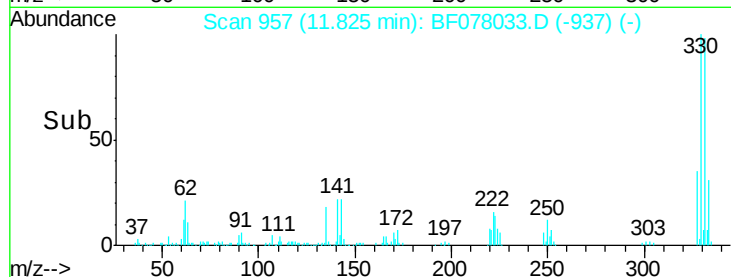
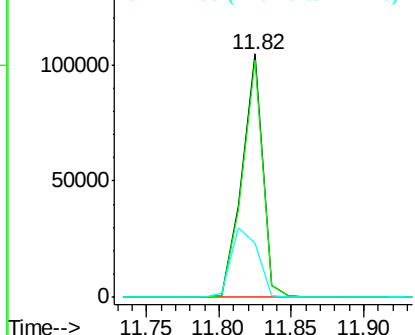
#41
 2,4,6-Tribromophenol
 Concen: 138.67 ng
 RT: 11.82 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078033.D
 Acq: 27 Mar 2015 10:46

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion:330 Resp: 103721
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 36.7 0.0 0.0#

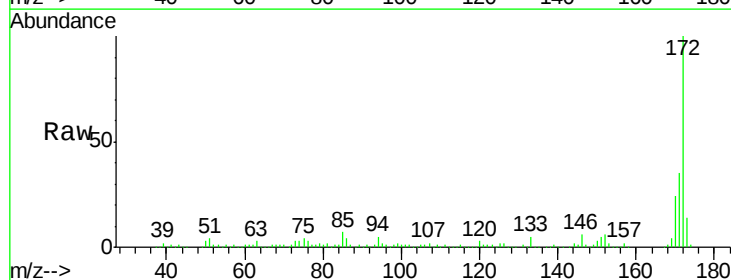


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

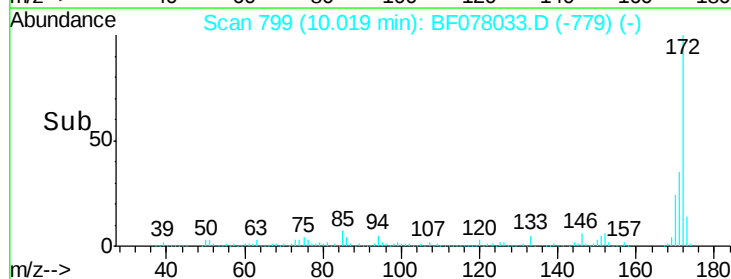
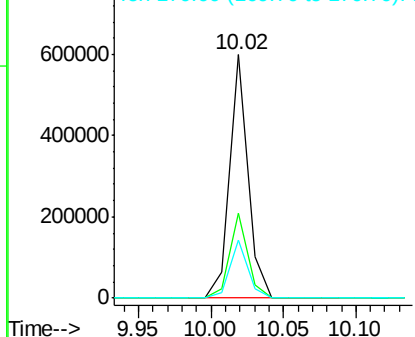


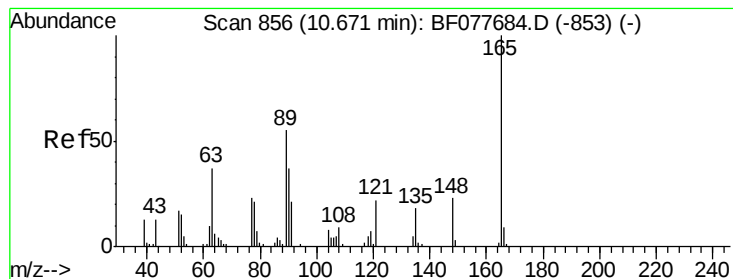
#44
 2-Fluorobiphenyl
 Concen: 98.98 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078033.D
 Acq: 27 Mar 2015 10:46

Tgt Ion:172 Resp: 526535
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.7 18.8 28.2



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





#50

2,6-Dinitrotoluene

Concen: 11.55 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.09 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

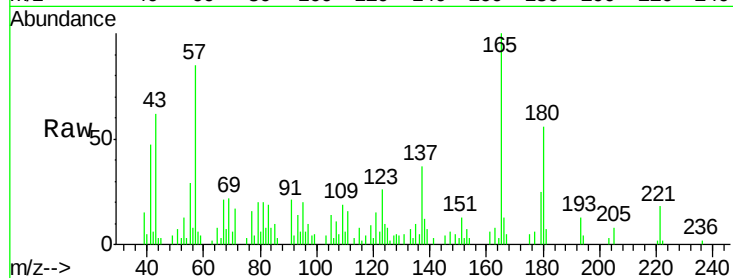
Tgt Ion:165 Resp: 13886

Ion Ratio Lower Upper

165 100

63 2.4 44.1 66.1#

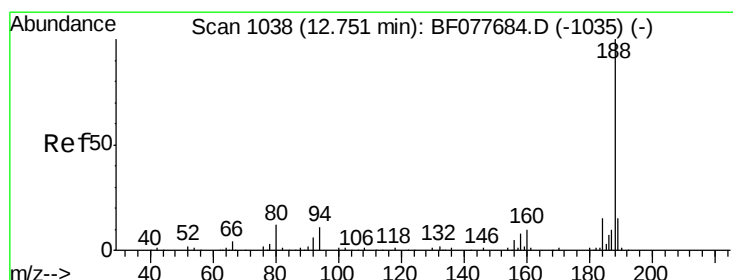
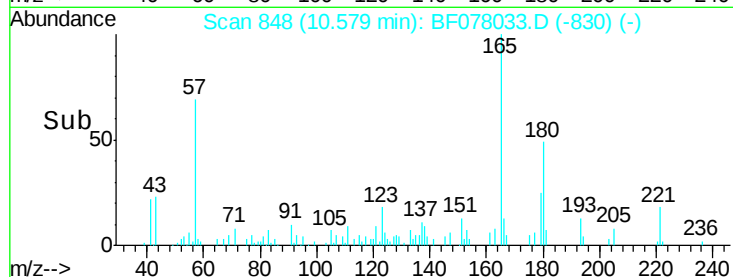
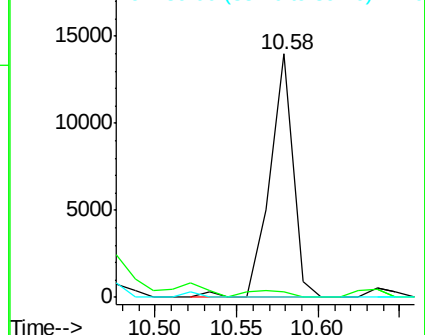
89 0.0 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.67 min Scan# 1031

Delta R.T. -0.08 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

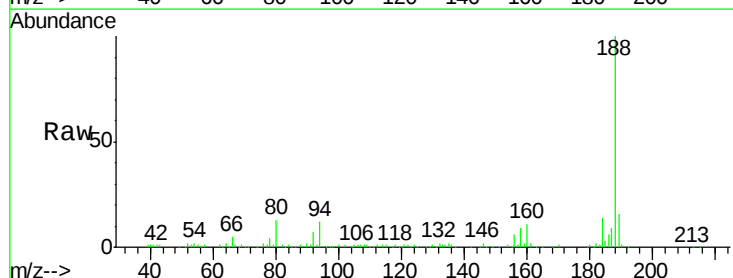
Tgt Ion:188 Resp: 149700

Ion Ratio Lower Upper

188 100

94 12.2 8.7 13.1

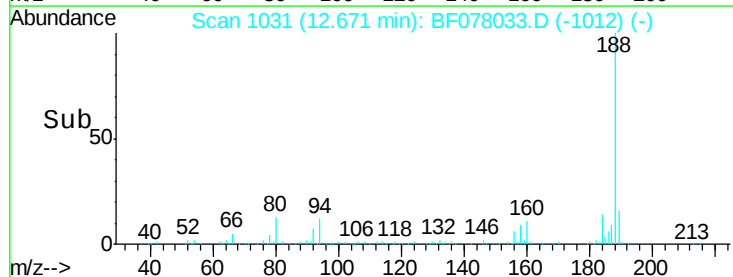
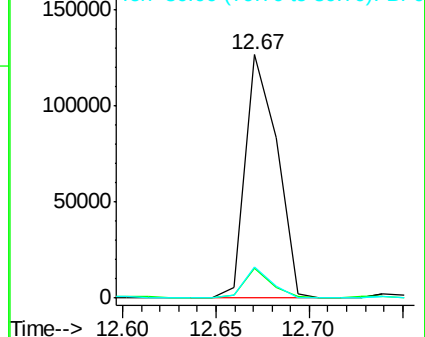
80 12.8 9.3 13.9

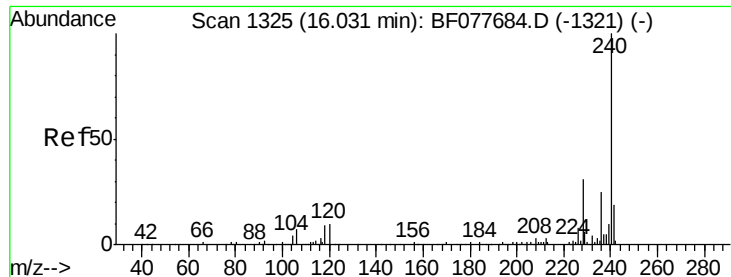


Abundance Ion 188.00 (187.70 to 188.70): E

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: 15.95 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

Instrument :

BNA_F

ClientSampleId :

MW-15

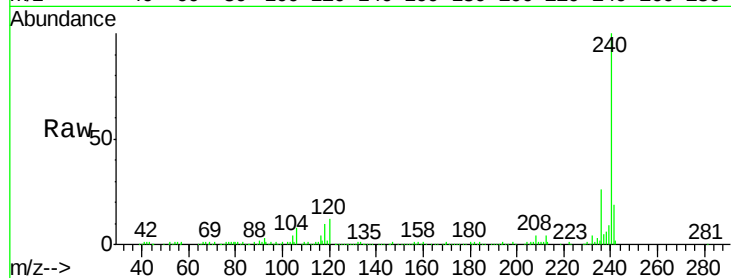
Tgt Ion:240 Resp: 158504

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

236 25.7 20.0 30.0

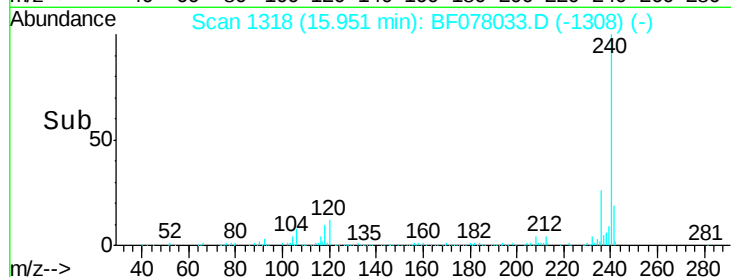


Abundance Ion 240.00 (239.70 to 240.70): E

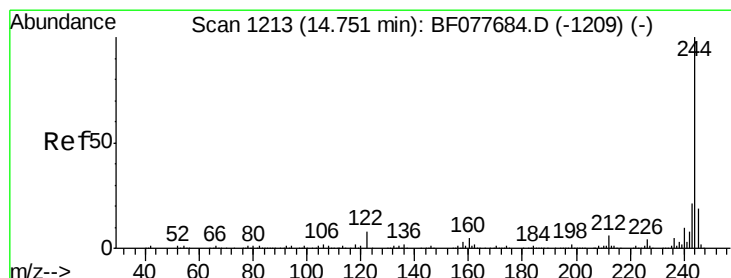
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

15.95



Time-->



#78

Terphenyl-d14

Concen: 87.06 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF078033.D

Acq: 27 Mar 2015 10:46

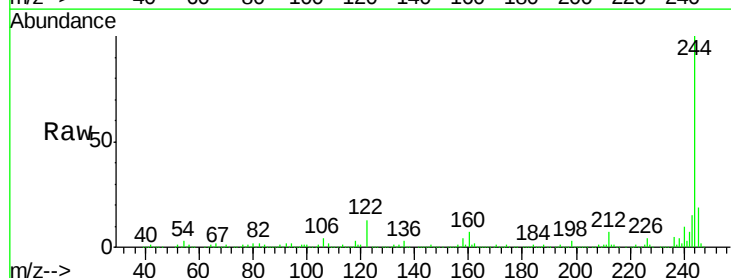
Tgt Ion:244 Resp: 564907

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

122 13.0 6.2 9.4#

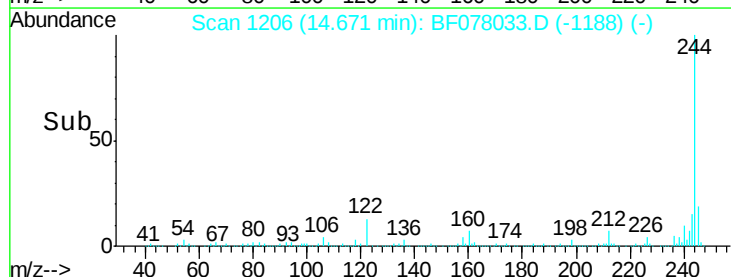


Abundance Ion 244.00 (243.70 to 244.70): E

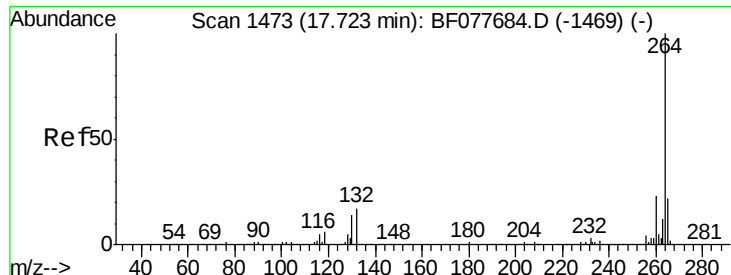
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

14.67



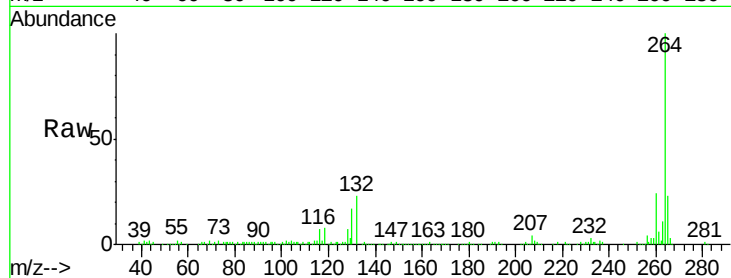
Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 17.67 min Scan# 1468
Delta R.T. -0.43 min
Lab File: BF078033.D
Acq: 27 Mar 2015 10:46

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 264 Resp: 149304
Ion Ratio Lower Upper
264 100
260 23.6 18.6 27.8
265 22.7 17.3 25.9



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

