

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032615\
 Data File : BF078032.D
 Acq On : 27 Mar 2015 10:17
 Operator : TP/IZ
 Sample : G1642-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Mar 27 14:11:16 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

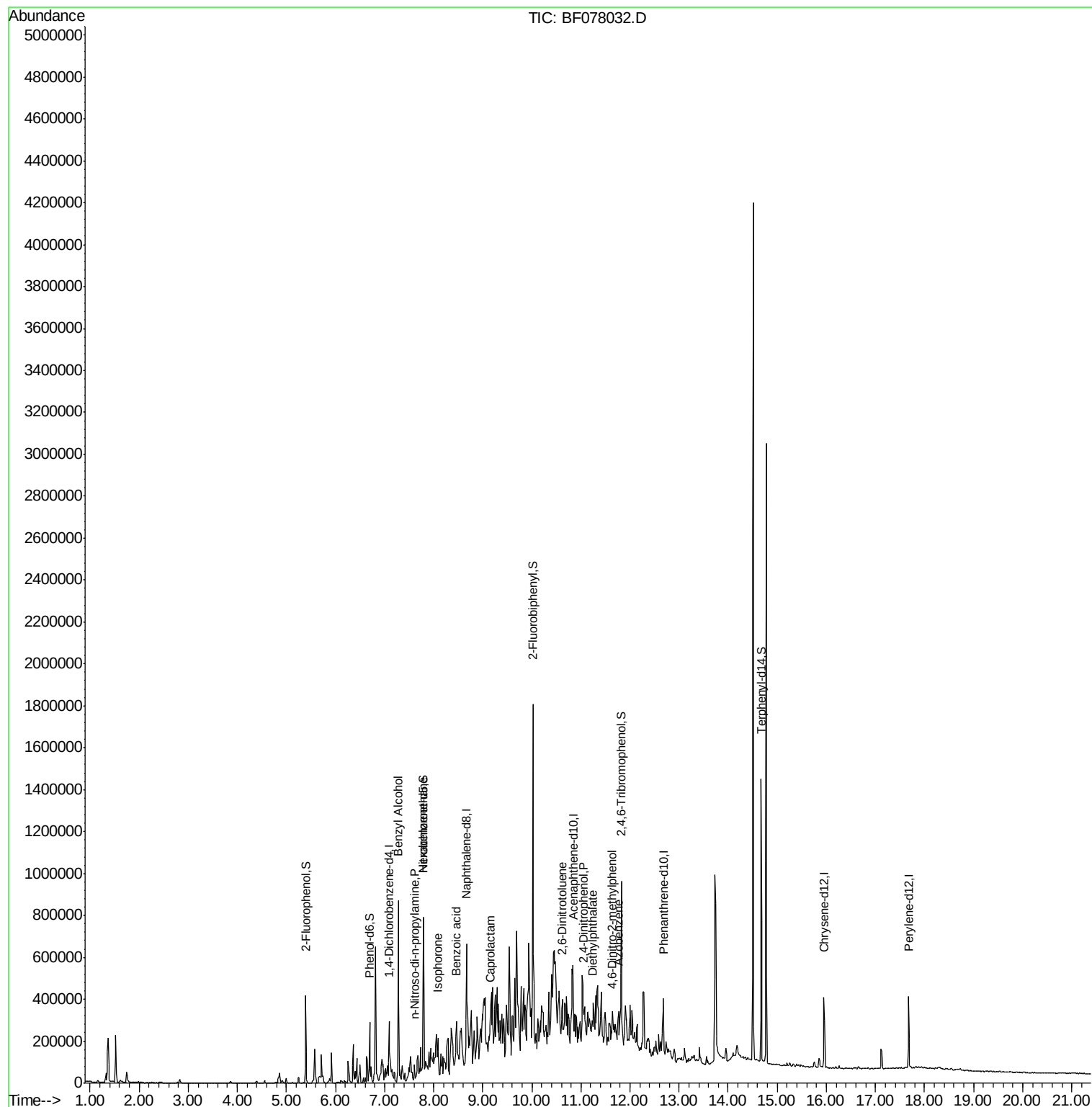
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	36711	20.00	ng	-0.07
21) Naphthalene-d8	8.67	136	140078	20.00	ng	-0.07
38) Acenaphthene-d10	10.84	164	84022	20.00	ng	-0.07
63) Phenanthrene-d10	12.68	188	141582	20.00	ng	-0.07
75) Chrysene-d12	15.95	240	155225	20.00	ng	-0.18
86) Perylene-d12	17.68	264	146737	20.00	ng	-0.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	140340	66.73	ng	-0.05
7) Phenol-d6	6.69	99	111818	43.03	ng	-0.03
23) Nitrobenzene-d5	7.79	82	226179	105.84	ng	-0.07
41) 2,4,6-Tribromophenol	11.83	330	95943	119.35	ng	-0.07
44) 2-Fluorobiphenyl	10.02	172	466271	81.55	ng	-0.07
78) Terphenyl-d14	14.67	244	545127	85.78	ng	-0.09
Target Compounds						
15) Benzyl Alcohol	7.28	79	4893	2.41	ng	# 56
18) Hexachloroethane	7.79	117	16096	16.96	ng	# 3
19) n-Nitroso-di-n-propylamine	7.61	70	4740	2.64	ng	# 32
25) Isophorone	8.09	82	9076	2.10	ng	# 55
32) Benzoic acid	8.46	122	1903	4.65	ng	# 56
35) Caprolactam	9.15	113	8786	15.36	ng	# 1
50) 2,6-Dinitrotoluene	10.62	165	3393	2.63	ng	# 74
53) 2,4-Dinitrophenol	11.05	184	1152	10.24	ng	# 1
59) Diethylphthalate	11.23	149	40075	6.60	ng	# 97
62) Azobenzene	11.77	77	16427	2.83	ng	# 1
64) 4,6-Dinitro-2-methylphenol	11.63	198	234	4.62	ng	# 1

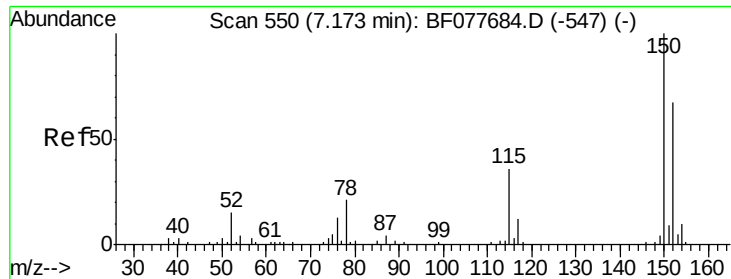
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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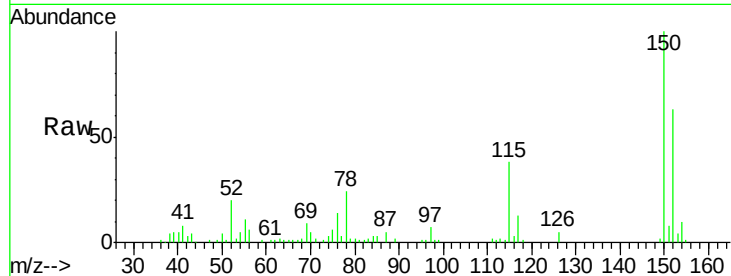




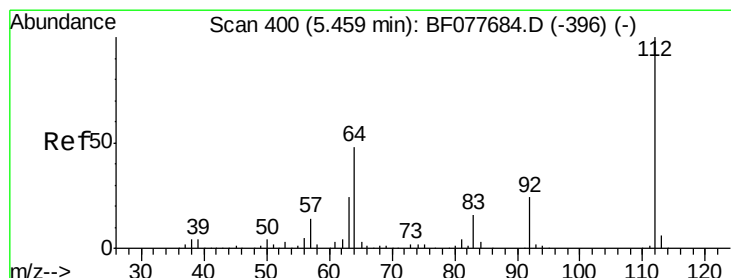
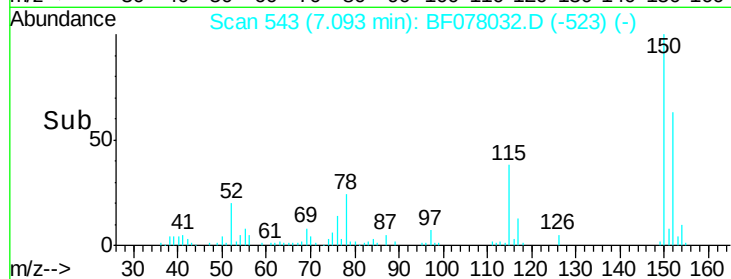
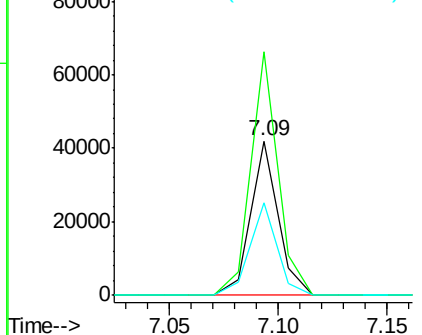
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.09 min Scan# 543
 Delta R.T. -0.07 min
 Lab File: BF078032.D
 Acq: 27 Mar 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:152 Resp: 36711
 Ion Ratio Lower Upper
 152 100
 150 157.9 119.5 179.3
 115 60.3 43.0 64.4

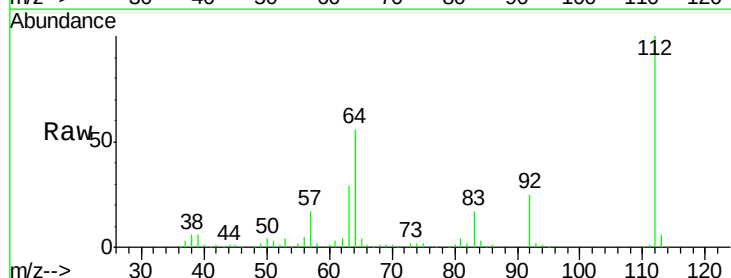


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

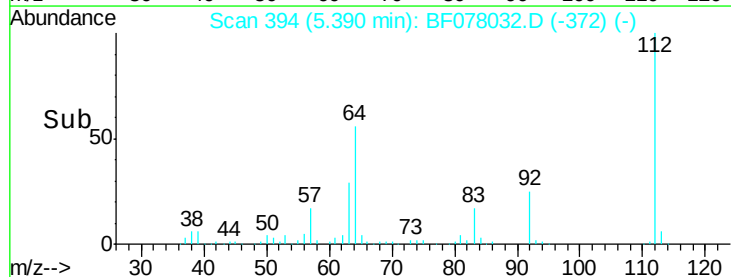
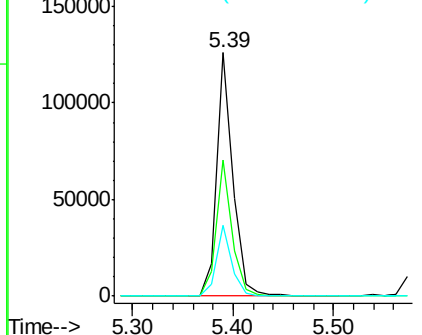


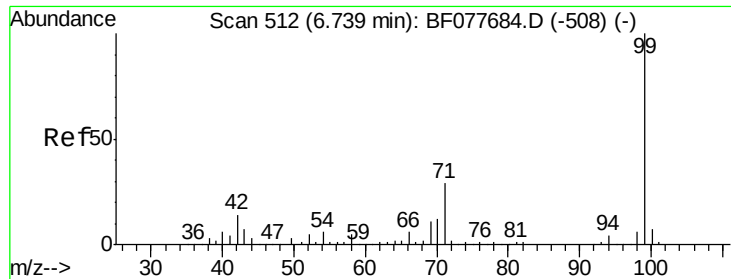
#5
 2-Fluorophenol
 Concen: 66.73 ng
 RT: 5.39 min Scan# 394
 Delta R.T. -0.05 min
 Lab File: BF078032.D
 Acq: 27 Mar 2015 10:17

Tgt Ion:112 Resp: 140340
 Ion Ratio Lower Upper
 112 100
 64 55.9 38.6 57.8
 63 29.0 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: 43.03 ng

RT: 6.69 min Scan# 508

Delta R.T. -0.03 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

Instrument :

BNA_F

ClientSampled :

MW-22

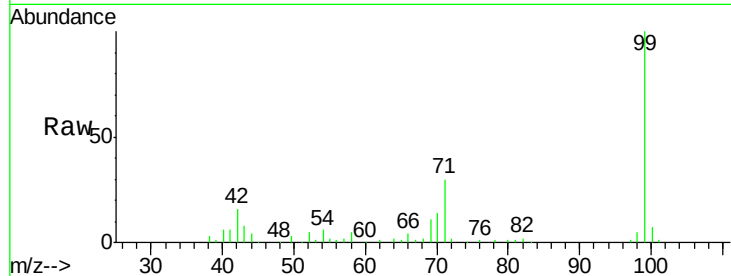
Tgt Ion: 99 Resp: 111818

Ion Ratio Lower Upper

99 100

42 15.7 11.0 16.4

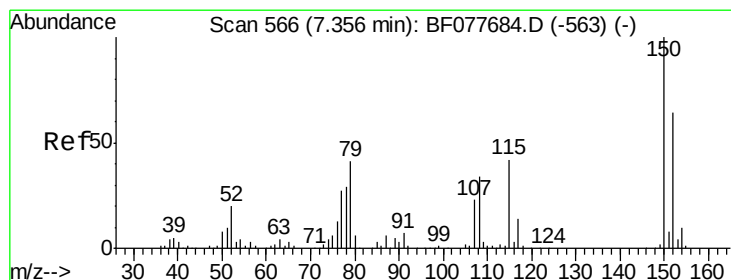
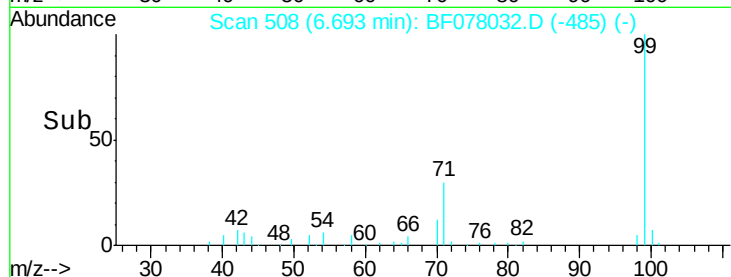
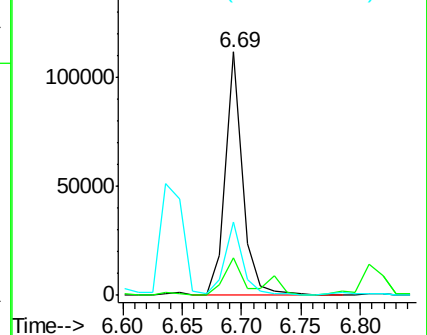
71 30.4 23.4 35.2



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: 2.41 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.07 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

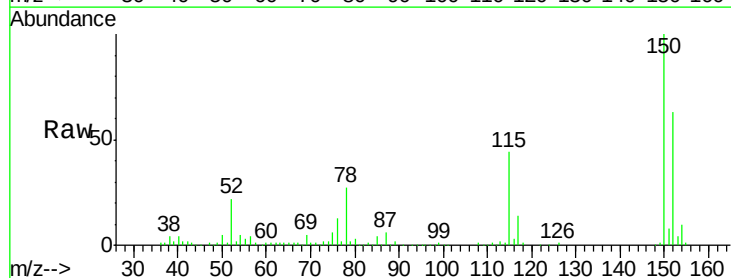
Tgt Ion: 79 Resp: 4893

Ion Ratio Lower Upper

79 100

108 33.4 65.0 97.4#

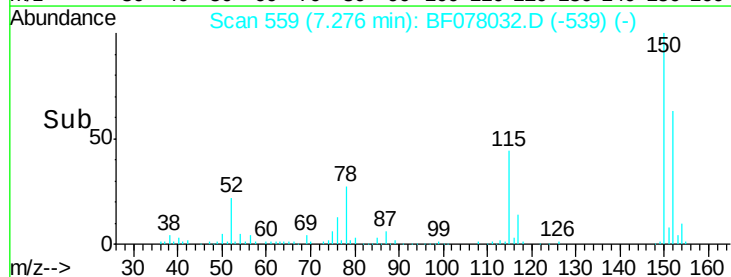
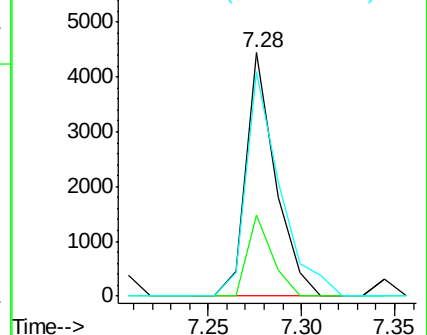
77 92.2 53.0 79.6#

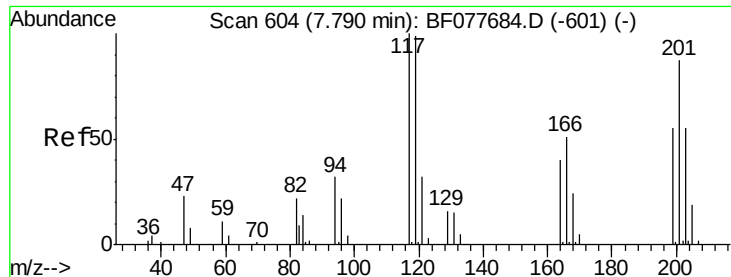


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

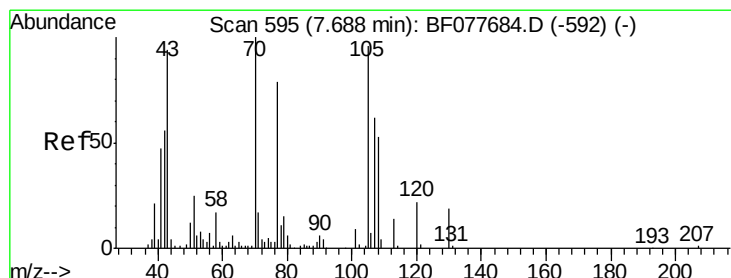
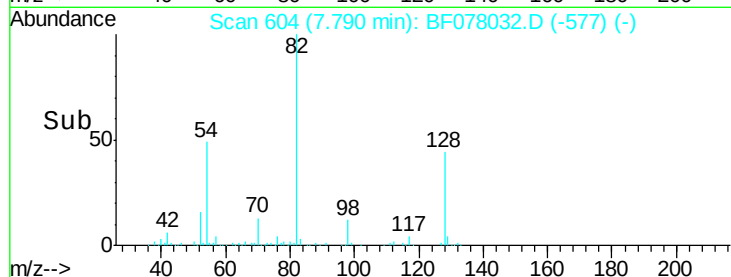
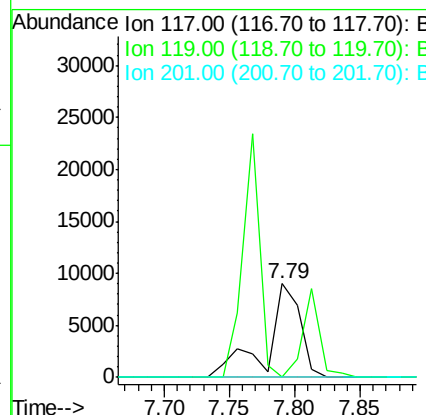
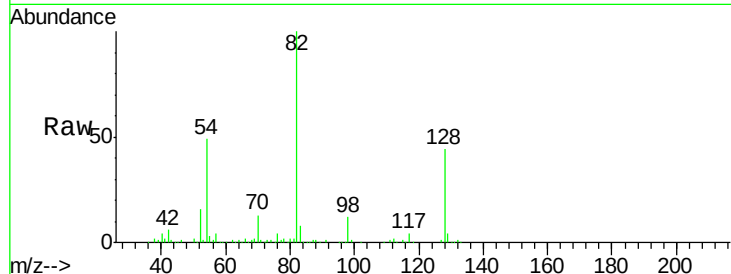




#18
Hexachloroethane
Concen: 16.96 ng
RT: 7.79 min Scan# 604
Delta R.T. 0.01 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

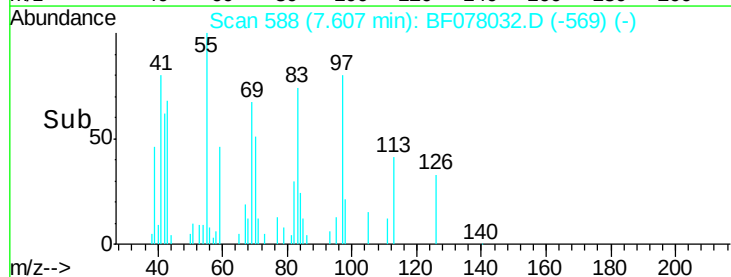
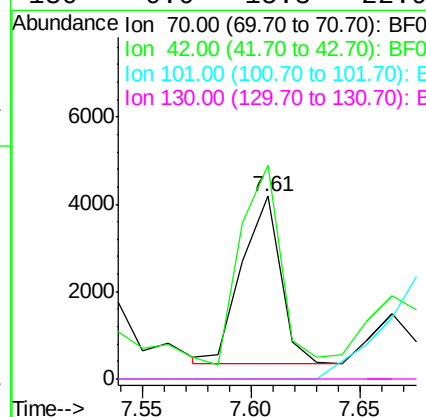
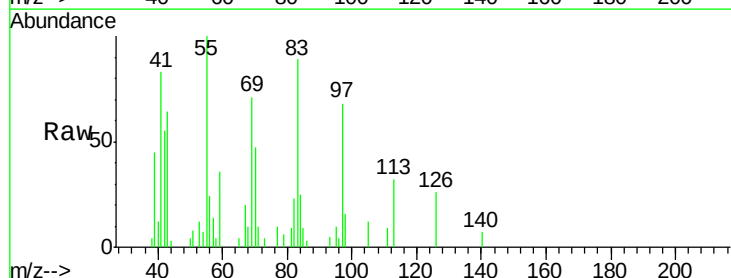
Instrument :
BNA_F
ClientSampleId :
MW-22

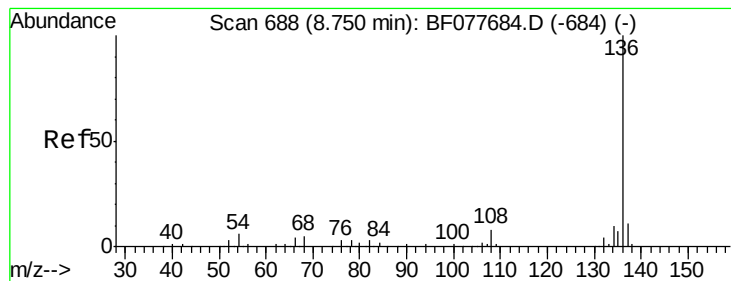
Tgt Ion: 117 Resp: 16096
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
201 0.0 69.8 104.6#



#19
n-Nitroso-di-n-propylamine
Concen: 2.64 ng
RT: 7.61 min Scan# 588
Delta R.T. -0.08 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Tgt Ion: 70 Resp: 4740
Ion Ratio Lower Upper
70 100
42 116.7 44.5 66.7#
101 0.0 7.4 11.2#
130 0.0 15.3 22.9#

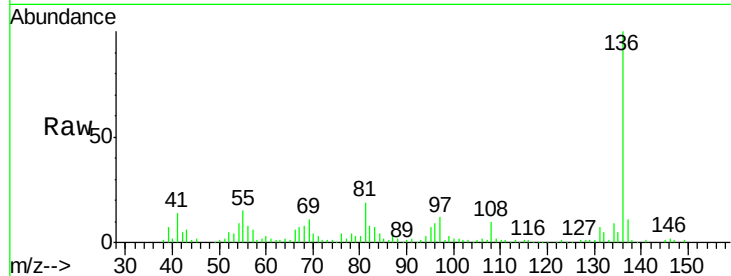




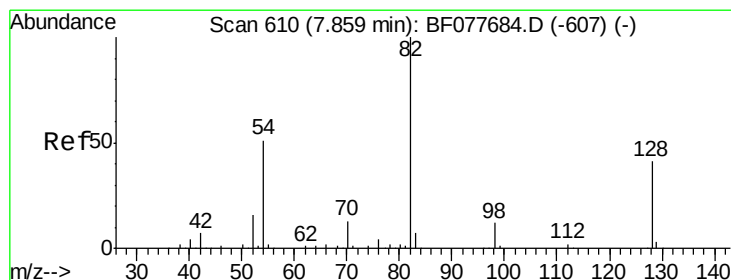
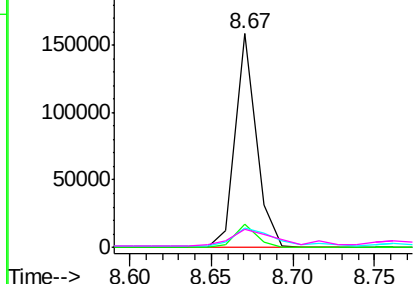
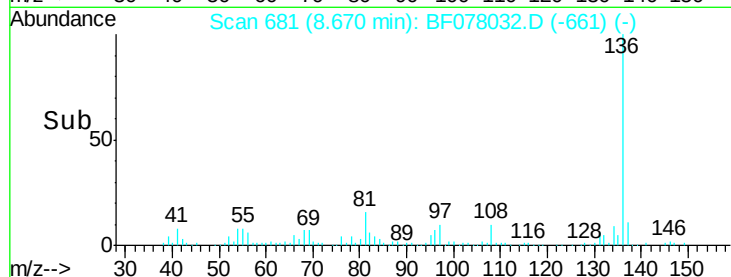
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.07 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:	136	Resp:	140078
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	4.6	6.8#
68	8.3	3.7	5.5#

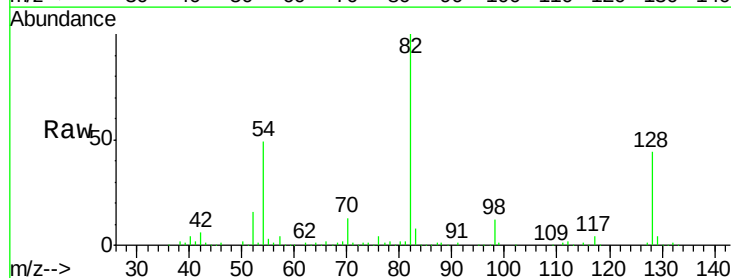


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

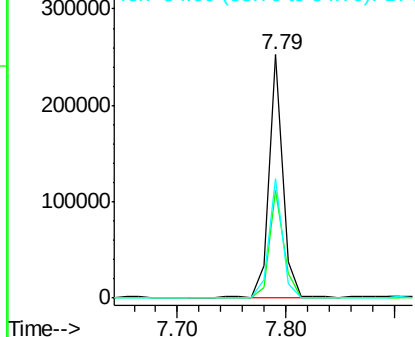
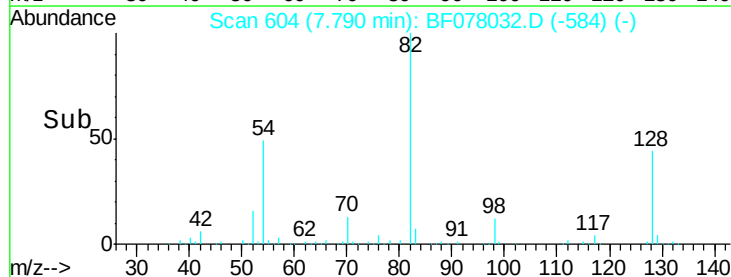


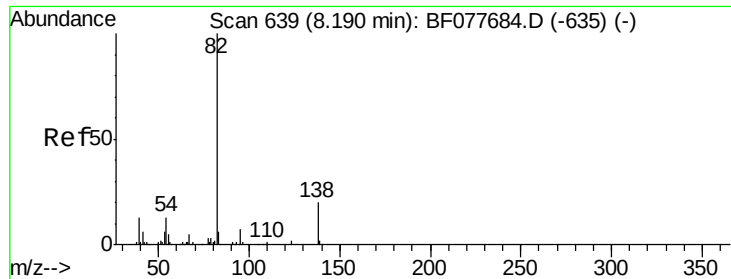
#23
Nitrobenzene-d5
Concen: 105.84 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.07 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Tgt Ion:	82	Resp:	226179
Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.8	49.2
54	49.2	40.6	60.8



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





#25

Isophorone

Concen: 2.10 ng

RT: 8.09 min Scan# 630

Delta R.T. -0.09 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

MW-22

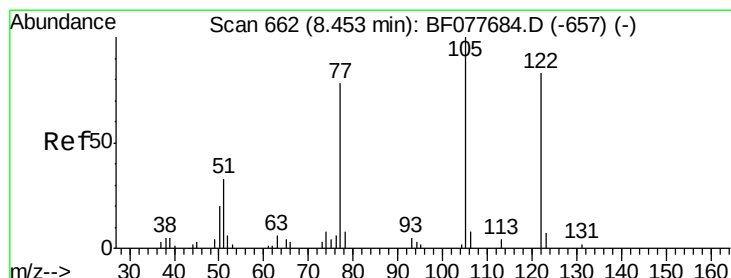
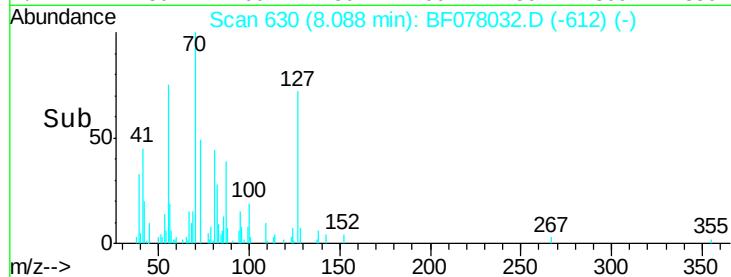
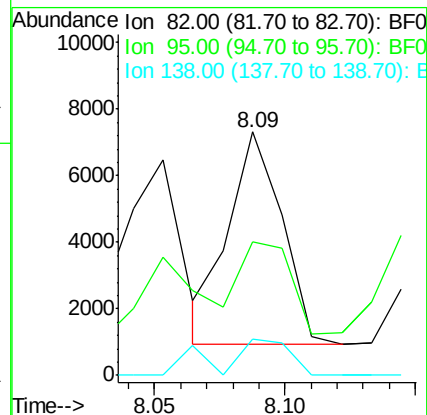
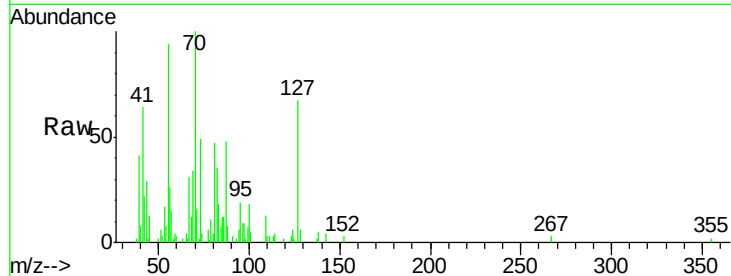
Tgt Ion: 82 Resp: 9076

Ion Ratio Lower Upper

82 100

95 54.8 5.8 8.6#

138 14.9 16.3 24.5#



#32

Benzoic acid

Concen: 4.65 ng

RT: 8.46 min Scan# 663

Delta R.T. 0.01 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

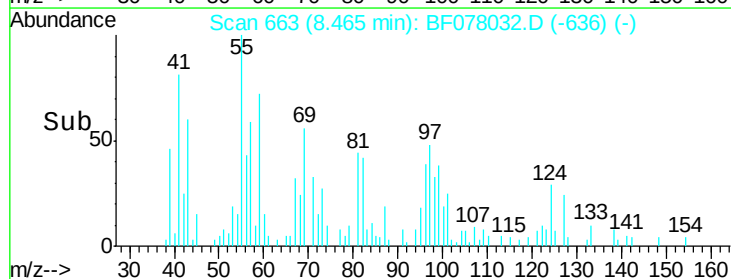
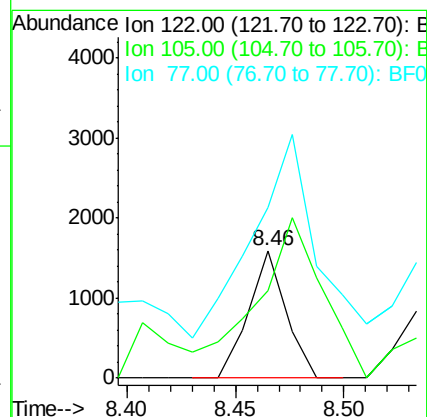
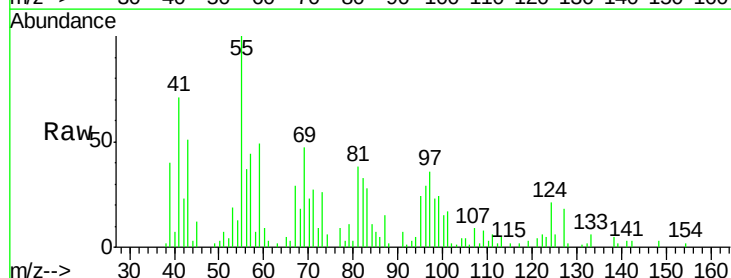
Tgt Ion: 122 Resp: 1903

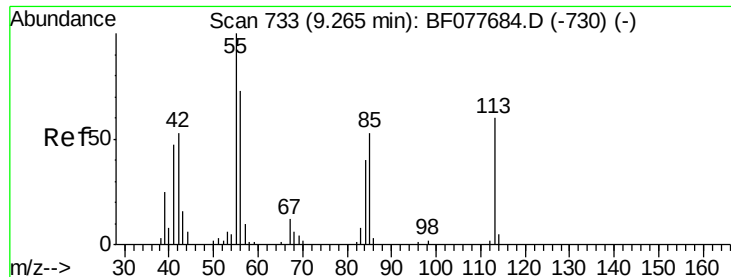
Ion Ratio Lower Upper

122 100

105 68.8 99.9 139.9#

77 133.8 73.7 113.7#





#35

Caprolactam

Concen: 15.36 ng

RT: 9.15 min Scan# 723

Delta R.T. -0.13 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

MW-22

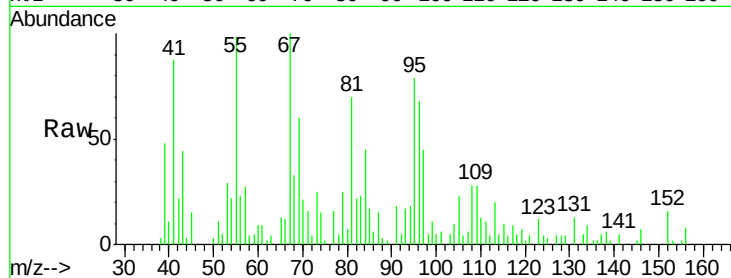
Tgt Ion:113 Resp: 8786

Ion Ratio Lower Upper

113 100

55 489.6 145.9 185.9#

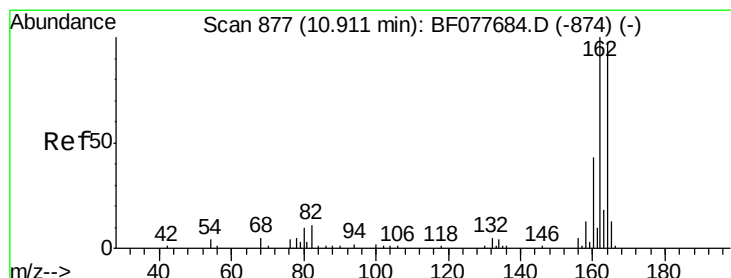
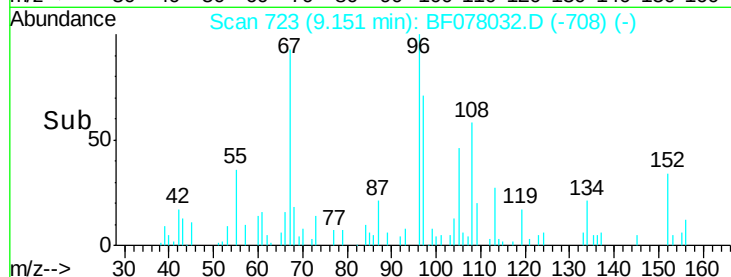
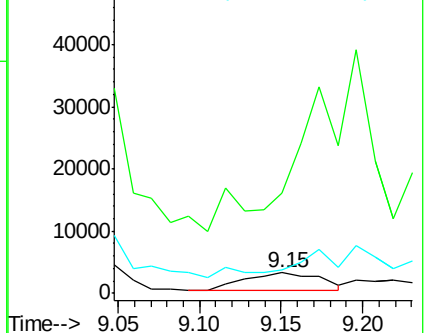
56 114.4 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.84 min Scan# 871

Delta R.T. -0.07 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

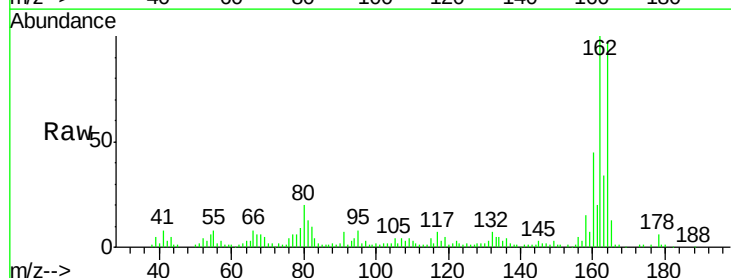
Tgt Ion:164 Resp: 84022

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

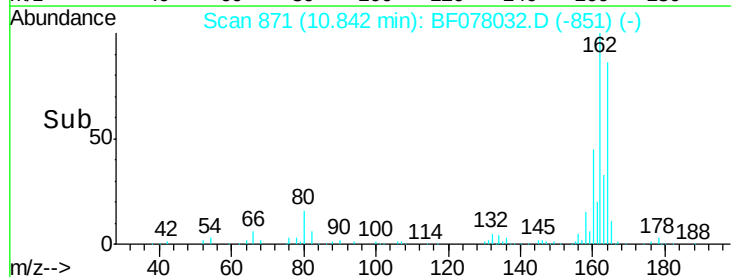
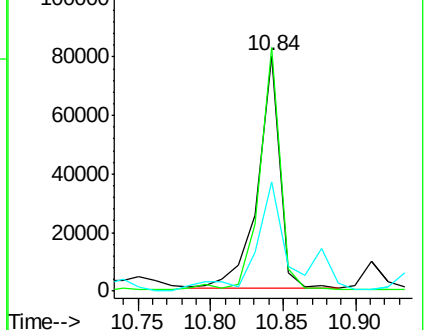
160 46.2 35.8 53.6

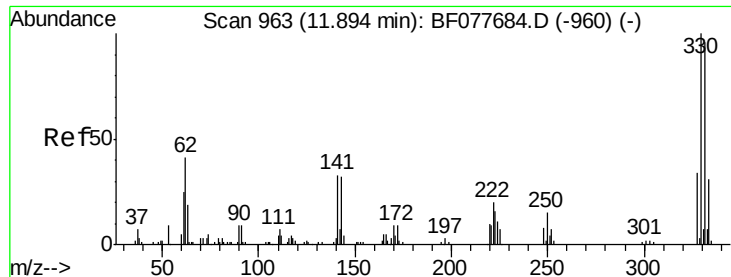


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

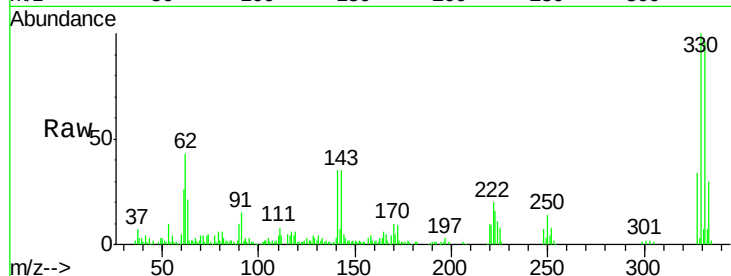




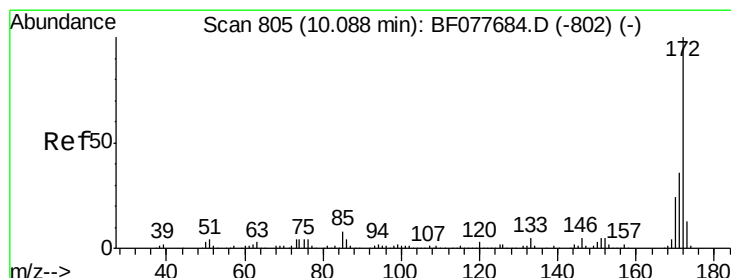
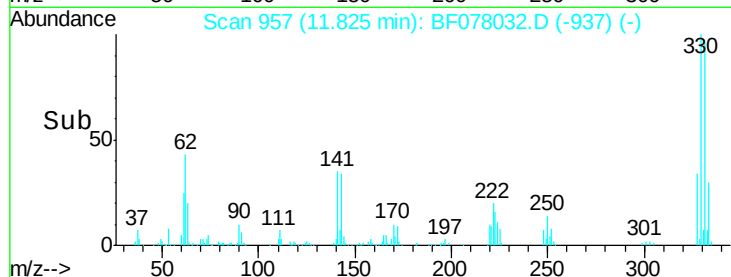
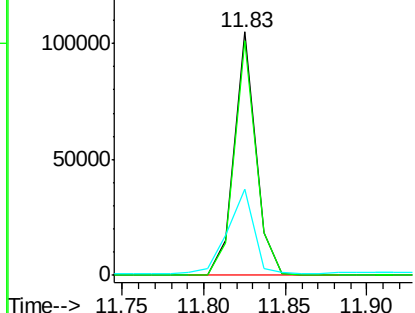
#41
 2,4,6-Tribromophenol
 Concen: 119.35 ng
 RT: 11.83 min Scan# 957
 Delta R.T. -0.07 min
 Lab File: BF078032.D
 Acq: 27 Mar 2015 10:17

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:330 Resp: 95943
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 41.8 0.0 0.0#

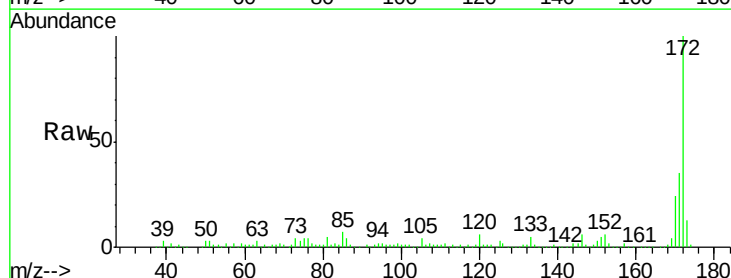


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

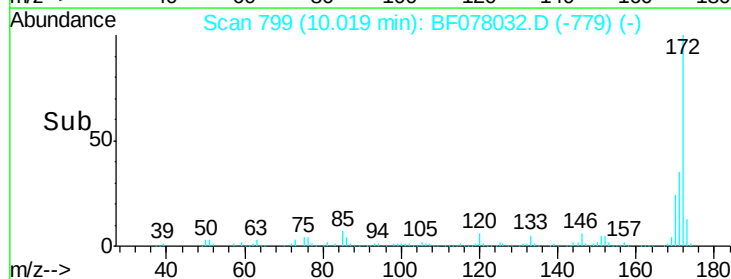
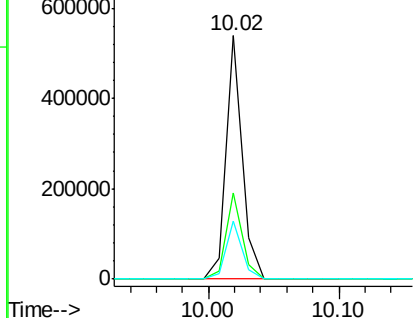


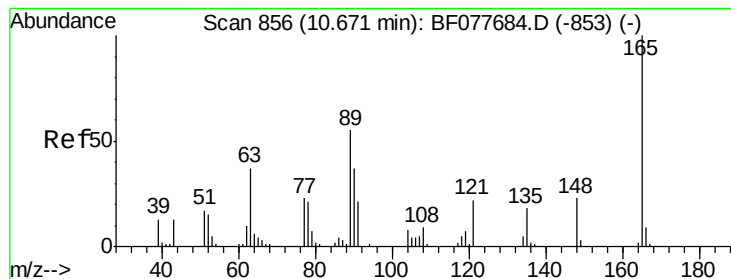
#44
 2-Fluorobiphenyl
 Concen: 81.55 ng
 RT: 10.02 min Scan# 799
 Delta R.T. -0.07 min
 Lab File: BF078032.D
 Acq: 27 Mar 2015 10:17

Tgt Ion:172 Resp: 466271
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.5 42.7
 170 23.8 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: 2.63 ng

RT: 10.62 min Scan# 852

Delta R.T. -0.05 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

MW-22

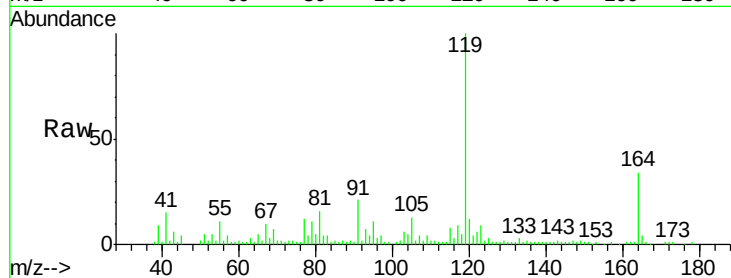
Tgt Ion:165 Resp: 3393

Ion Ratio Lower Upper

165 100

63 84.4 44.1 66.1#

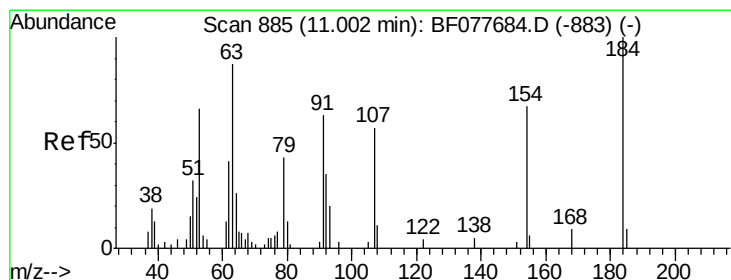
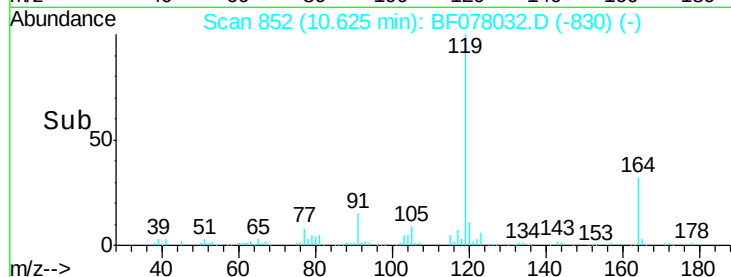
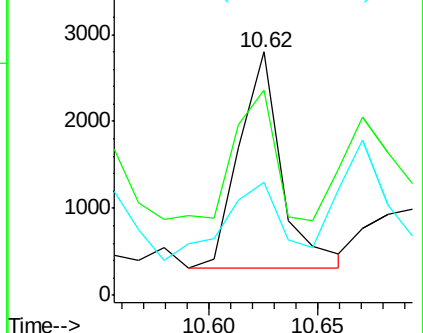
89 46.4 44.3 66.5



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



#53

2,4-Dinitrophenol

Concen: 10.24 ng

RT: 11.05 min Scan# 889

Delta R.T. 0.05 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

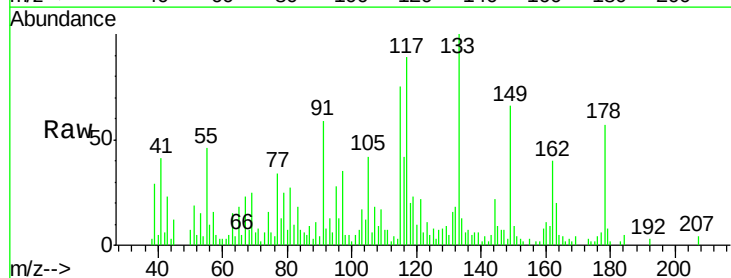
Tgt Ion:184 Resp: 1152

Ion Ratio Lower Upper

184 100

63 330.8 69.2 103.8#

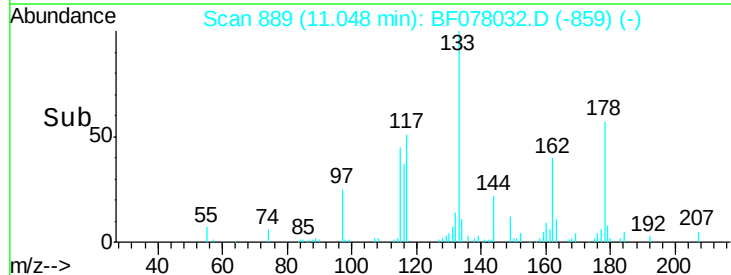
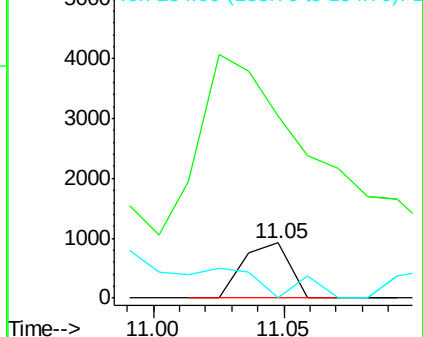
154 0.0 53.3 79.9#

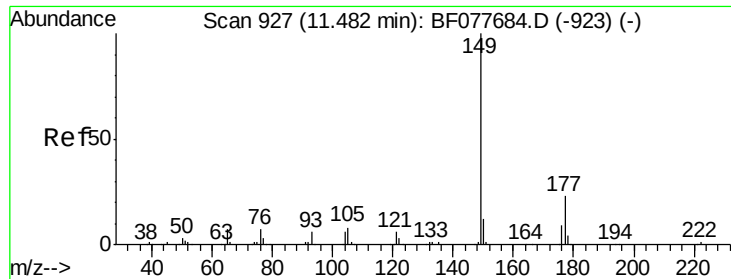


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

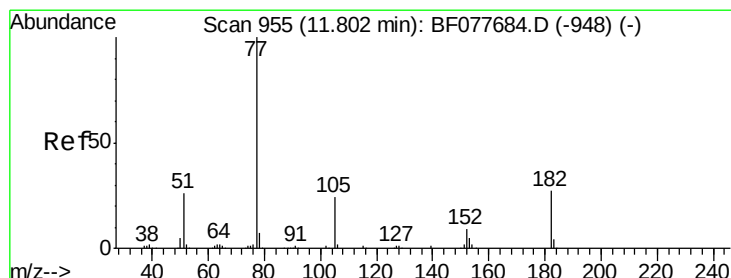
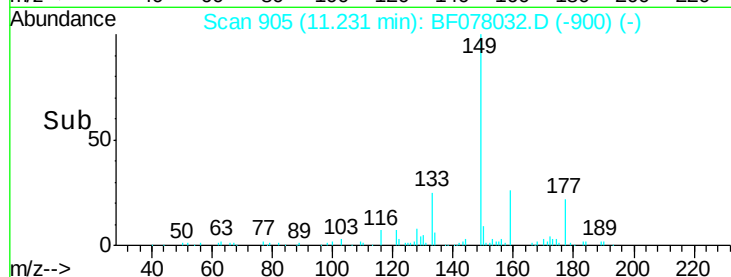
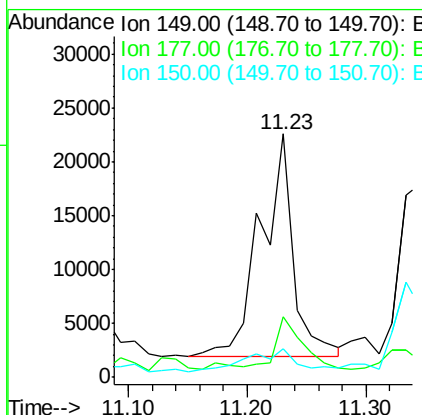
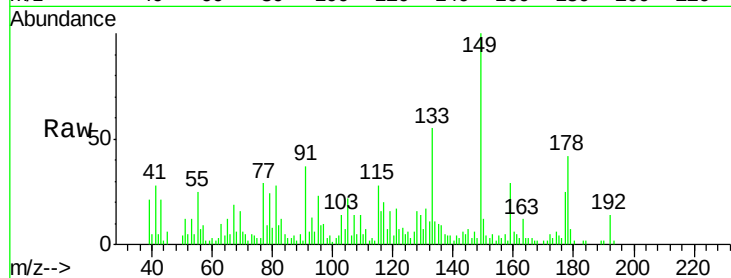




#59
Diethylphthalate
Concen: 6.60 ng
RT: 11.23 min Scan# 905
Delta R.T. -0.24 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

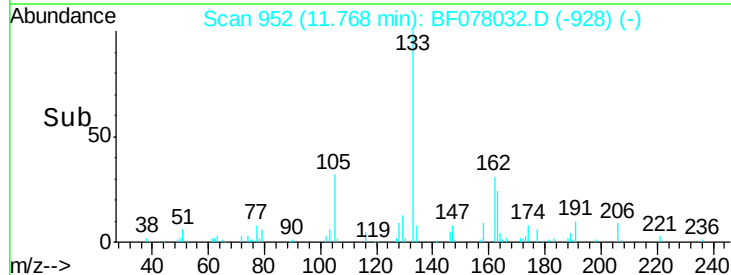
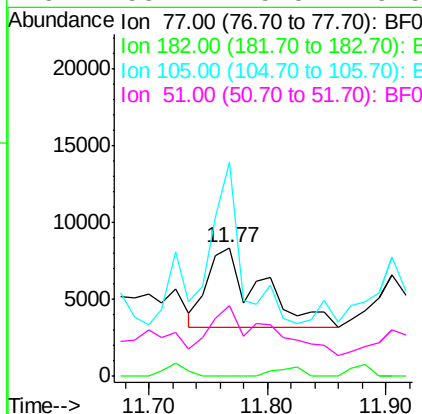
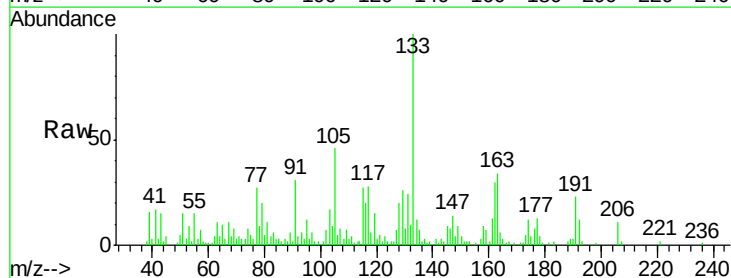
Instrument :
BNA_F
ClientSampleId :
MW-22

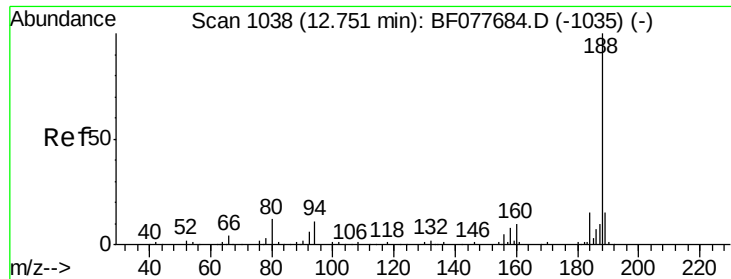
Tgt Ion: 149 Resp: 40075
Ion Ratio Lower Upper
149 100
177 25.1 18.3 27.5
150 11.8 9.8 14.8



#62
Azobenzene
Concen: 2.83 ng
RT: 11.77 min Scan# 952
Delta R.T. -0.02 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Tgt Ion: 77 Resp: 16427
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 166.6 3.8 43.8#
51 55.1 5.5 45.5#

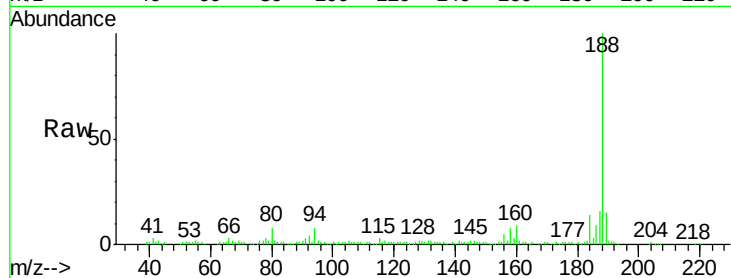




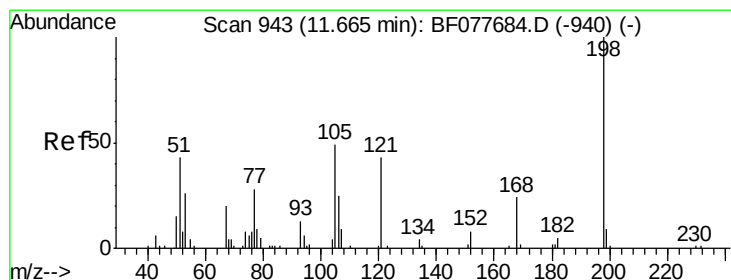
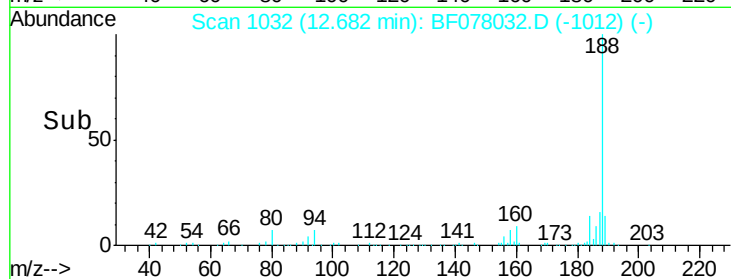
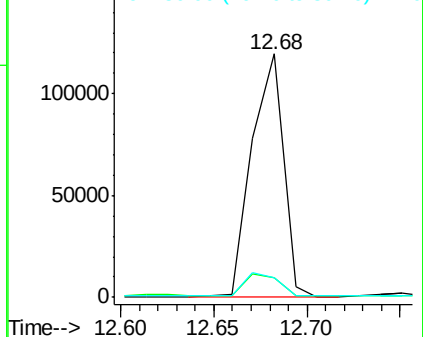
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.68 min Scan# 1032
Delta R.T. -0.07 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion:188 Resp: 141582
Ion Ratio Lower Upper
188 100
94 7.8 8.7 13.1#
80 8.2 9.3 13.9#

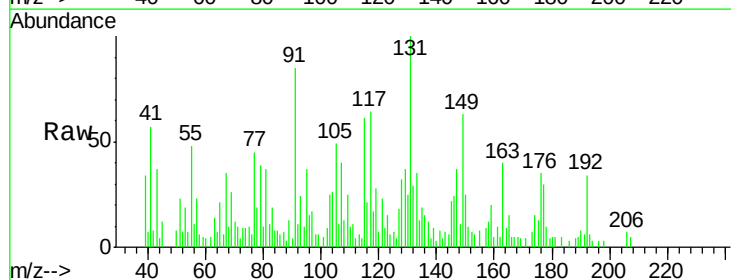


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

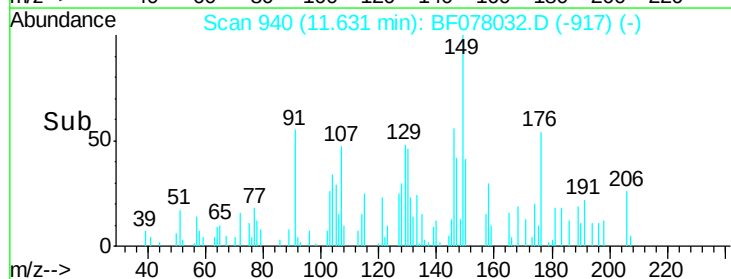
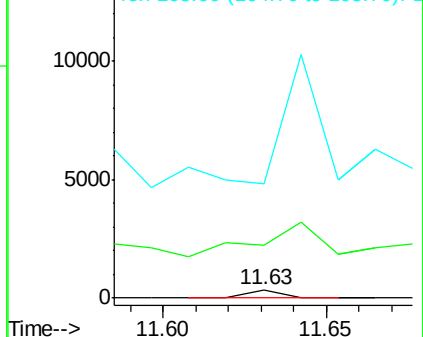


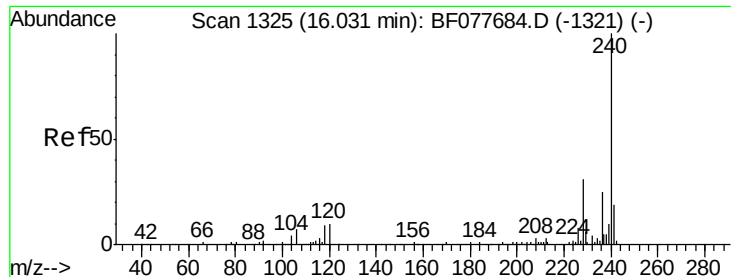
#64
4,6-Dinitro-2-methylphenol
Concen: 4.62 ng
RT: 11.63 min Scan# 940
Delta R.T. -0.03 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Tgt Ion:198 Resp: 234
Ion Ratio Lower Upper
198 100
51 661.0 28.8 68.8#
105 1414.4 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.95 min Scan# 1318

Delta R.T. -0.18 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

Instrument :

BNA_F

ClientSampleId :

MW-22

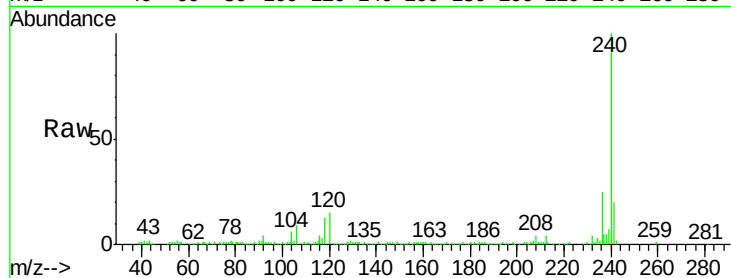
Tgt Ion:240 Resp: 155225

Ion Ratio Lower Upper

240 100

120 15.2 8.2 12.2#

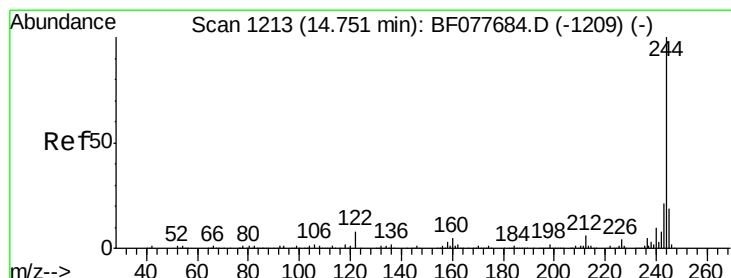
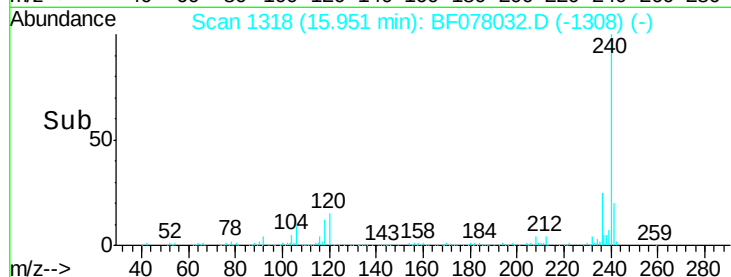
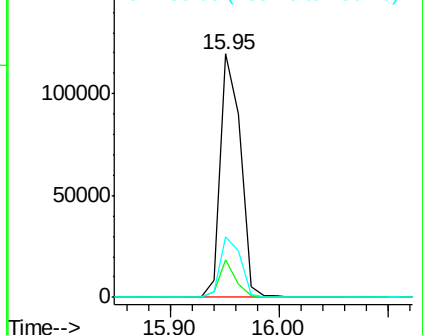
236 24.8 20.0 30.0



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



#78

Terphenyl-d14

Concen: 85.78 ng

RT: 14.67 min Scan# 1206

Delta R.T. -0.09 min

Lab File: BF078032.D

Acq: 27 Mar 2015 10:17

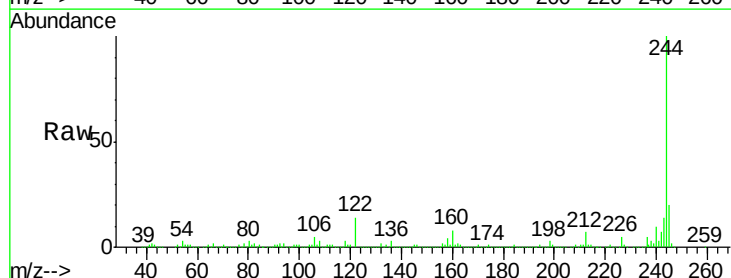
Tgt Ion:244 Resp: 545127

Ion Ratio Lower Upper

244 100

212 7.0 4.9 7.3

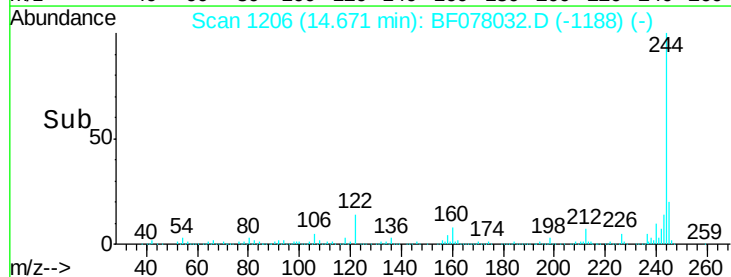
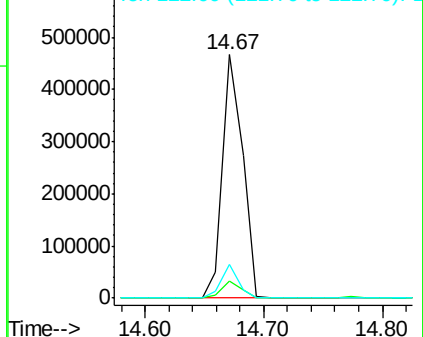
122 14.0 6.2 9.4#

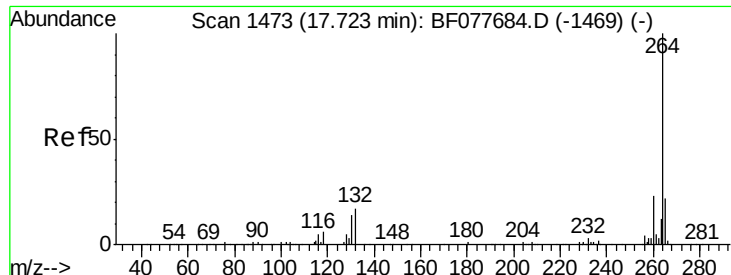


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

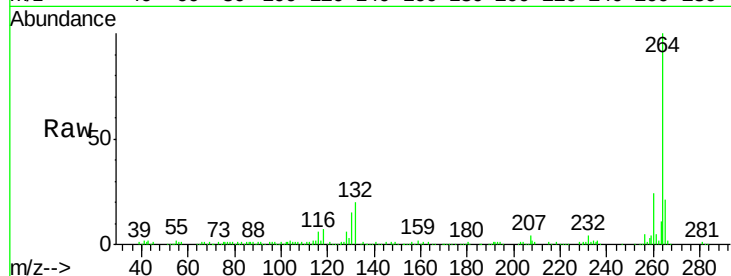




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.68 min Scan# 1469
Delta R.T. -0.42 min
Lab File: BF078032.D
Acq: 27 Mar 2015 10:17

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.1	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

