

Data Path : Z:\HPCHEM1\BNA_F\Data\BF011215\
 Data File : BF076814.D
 Acq On : 12 Jan 2015 18:22
 Operator : IZ / TP
 Sample : G1056-03
 Misc : S
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SW-010

Quant Time: Jan 13 00:38:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	35853	20.00	ng	0.01
21) Naphthalene-d8	11.00	136	144159	20.00	ng	0.00
38) Acenaphthene-d10	15.12	164	76915	20.00	ng	-0.01
63) Phenanthrene-d10	17.85	188	131830	20.00	ng	0.00
75) Chrysene-d12	21.34	240	119779	20.00	ng	-0.01
86) Perylene-d12	23.00	264	110574	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	218424	101.66	ng	-0.01
7) Phenol-d6	7.50	99	275211	101.74	ng	0.00
23) Nitrobenzene-d5	9.40	82	165840	63.93	ng	0.01
41) 2,4,6-Tribromophenol	16.77	330	62601	97.51	ng	-0.01
44) 2-Fluorobiphenyl	13.64	172	321726	61.56	ng	-0.01
78) Terphenyl-d14	20.07	244	324194	59.43	ng	0.00

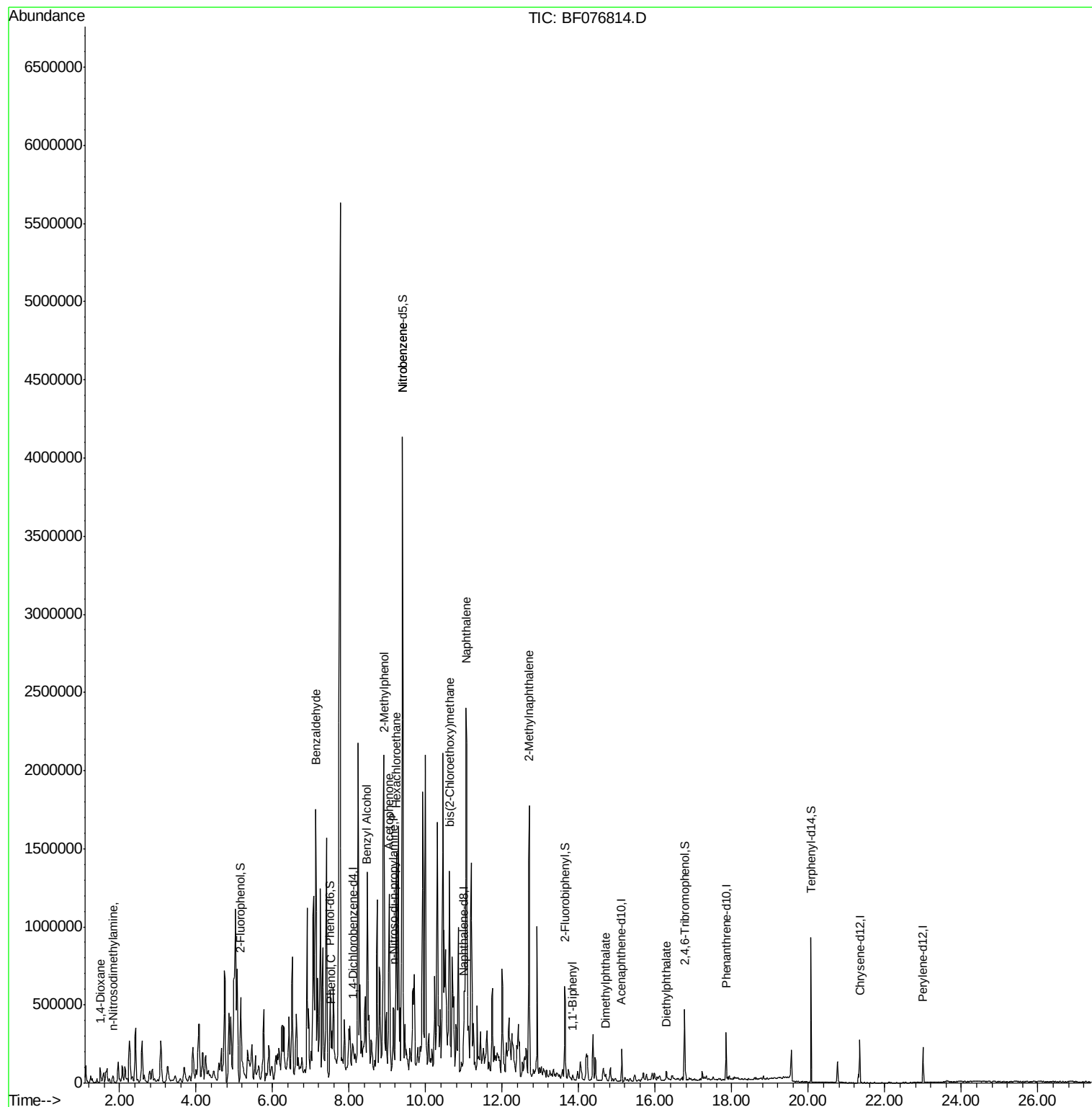
Target Compounds						Qvalue
2) 1,4-Dioxane	1.49	88	3536	3.86	ng	# 27
4) n-Nitrosodimethylamine	1.83	42	3784	3.09	ng	# 7
9) Benzaldehyde	7.13	77	135853	84.61	ng	# 1
10) Phenol	7.52	94	7787	2.64	ng	# 47
15) Benzyl Alcohol	8.47	79	8301	3.69	ng	# 1
17) 2-Methylphenol	8.92	107	6494	3.19	ng	# 1
18) Hexachloroethane	9.24	117	88550	82.81	ng	# 1
19) n-Nitroso-di-n-propylamine	9.17	70	13836	7.20	ng	# 59
22) Acetophenone	9.04	105	503788	142.21	ng	# 56
24) Nitrobenzene	9.40	77	175355	66.92	ng	# 20
28) bis(2-Chloroethoxy)methane	10.62	93	12026	4.34	ng	# 15
31) Naphthalene	11.05	128	1394733	188.60	ng	# 94
37) 2-Methylnaphthalene	12.71	142	814004	156.86	ng	99
45) 1,1'-Biphenyl	13.84	154	16794	2.84	ng	94
49) Dimethylphthalate	14.70	163	22851	4.09	ng	98
59) Diethylphthalate	16.29	149	32982	5.73	ng	98

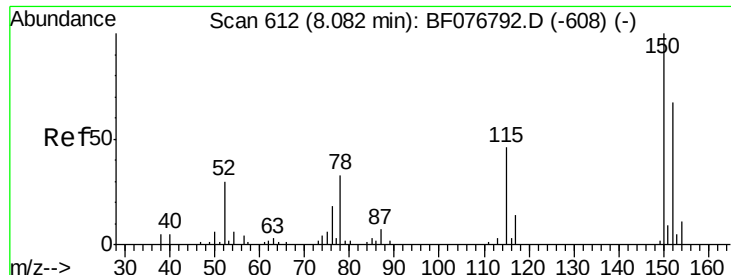
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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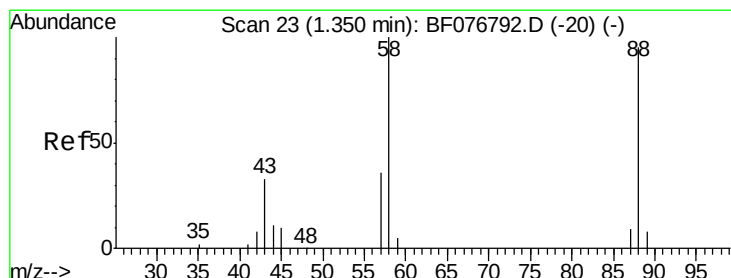
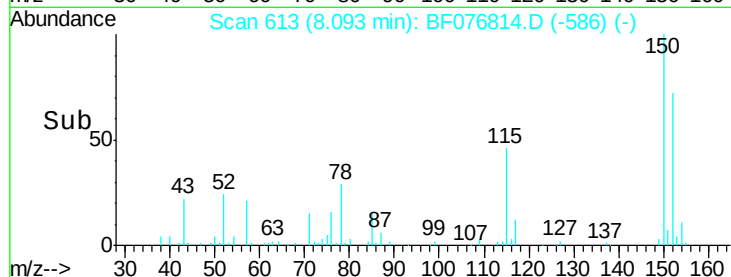
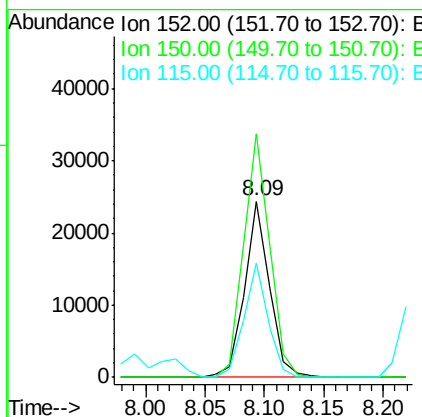
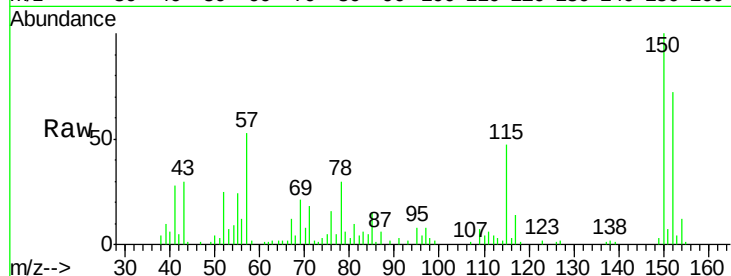


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 613
Delta R.T. 0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Instrument :
BNA_F
ClientSampleId :
SW-010

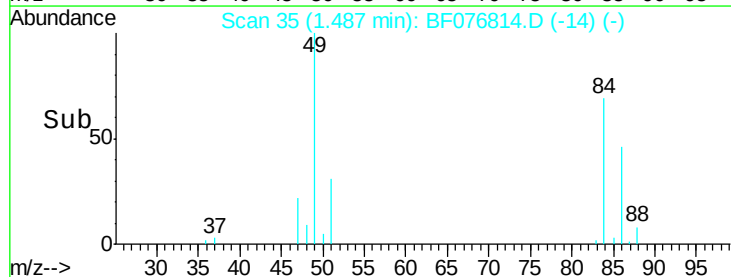
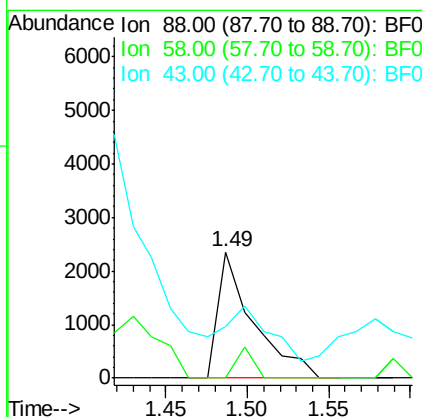
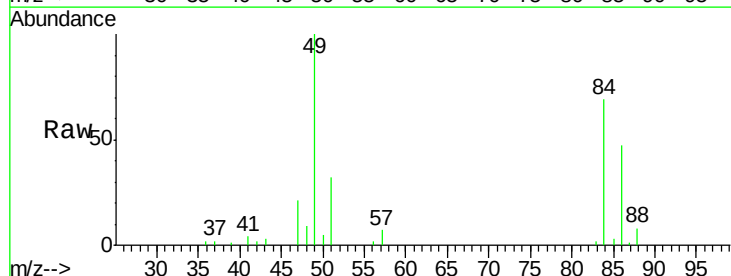
Tgt Ion:152 Resp: 35853
Ion Ratio Lower Upper
152 100
150 138.2 119.5 179.3
115 64.8 54.6 81.8

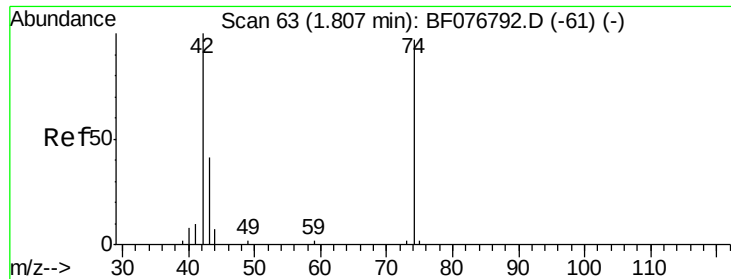


#2

1,4-Dioxane
Concen: 3.86 ng
RT: 1.49 min Scan# 35
Delta R.T. 0.14 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Tgt Ion: 88 Resp: 3536
Ion Ratio Lower Upper
88 100
58 11.5 72.4 108.6#
43 52.6 24.0 36.0#





#4

n-Nitrosodimethylamine

Concen: 3.09 ng

RT: 1.83 min Scan# 65

Delta R.T. 0.02 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

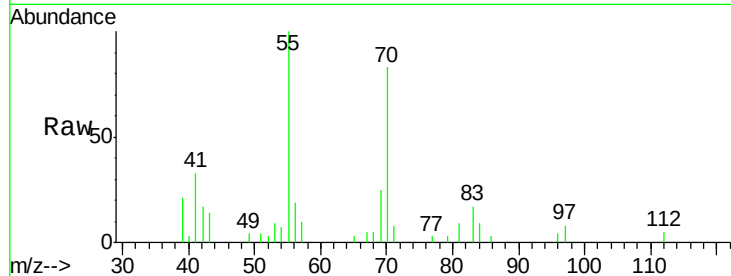
Tgt Ion: 42 Resp: 3784

Ion Ratio Lower Upper

42 100

74 0.0 77.9 116.9#

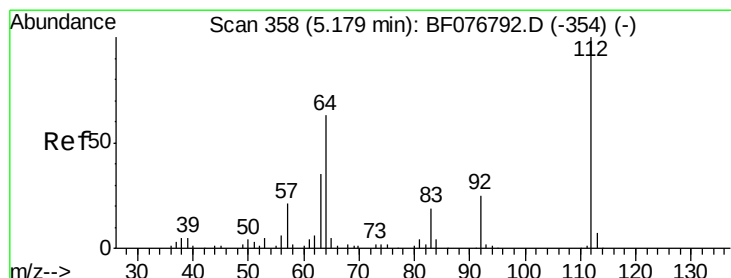
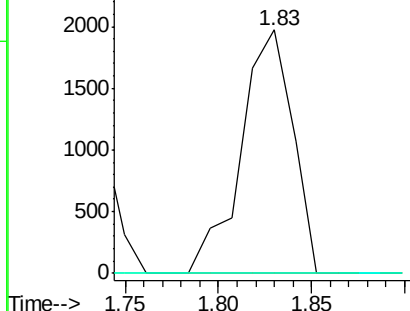
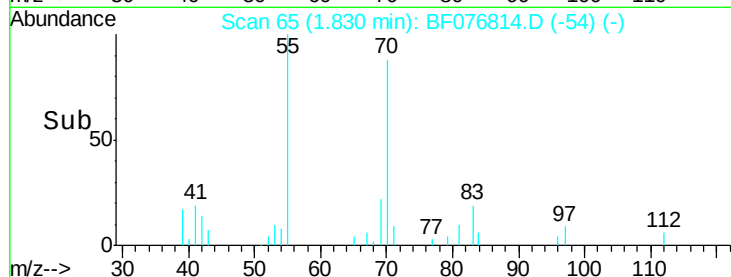
44 0.0 5.8 8.6#



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 101.66 ng

RT: 5.17 min Scan# 357

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

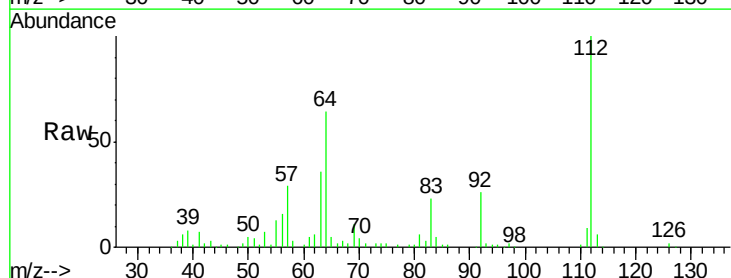
Tgt Ion: 112 Resp: 218424

Ion Ratio Lower Upper

112 100

64 64.3 50.2 75.4

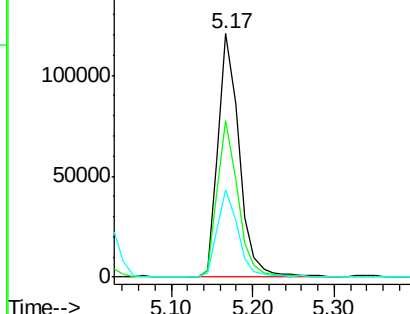
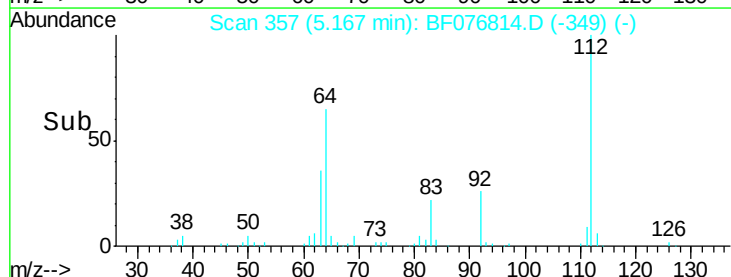
63 35.9 27.8 41.6

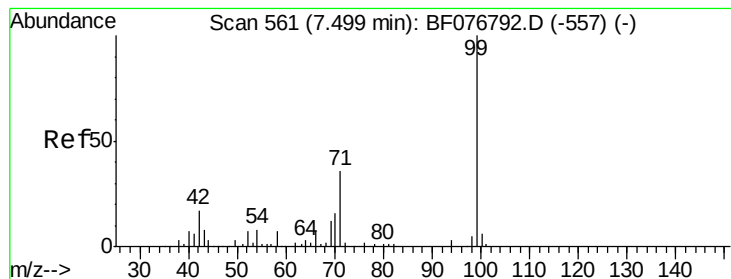


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.74 ng

RT: 7.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

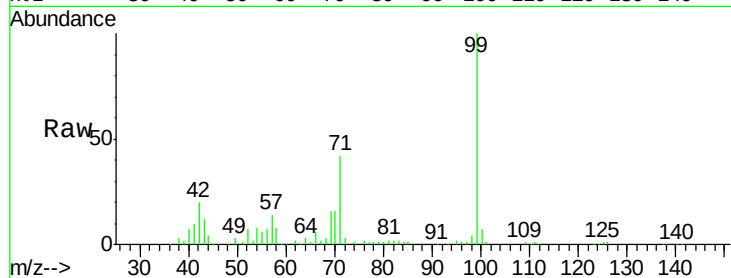
Tgt Ion: 99 Resp: 275211

Ion Ratio Lower Upper

99 100

42 20.0 13.3 19.9#

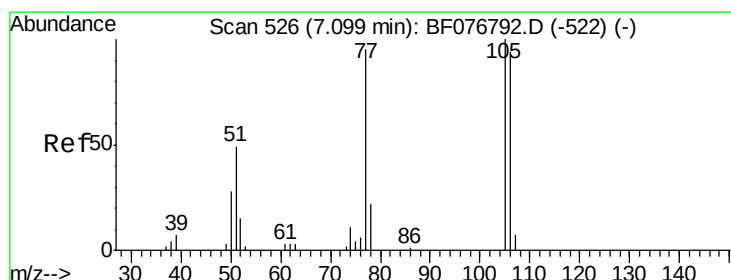
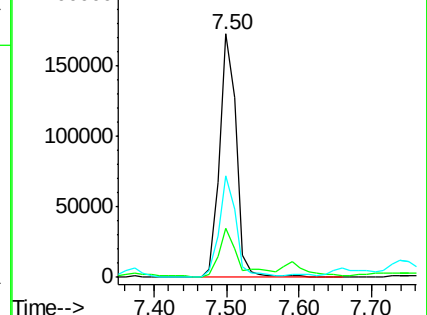
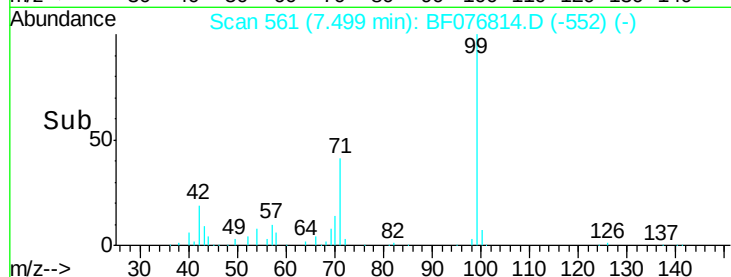
71 41.7 29.2 43.8



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



#9

Benzaldehyde

Concen: 84.61 ng

RT: 7.13 min Scan# 529

Delta R.T. 0.03 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

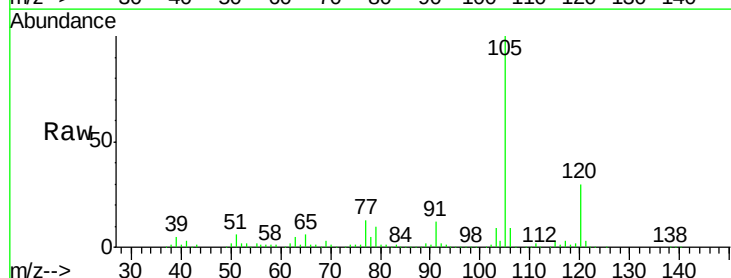
Tgt Ion: 77 Resp: 135853

Ion Ratio Lower Upper

77 100

105 790.5 85.5 125.5#

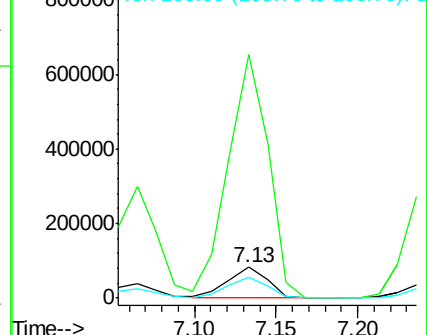
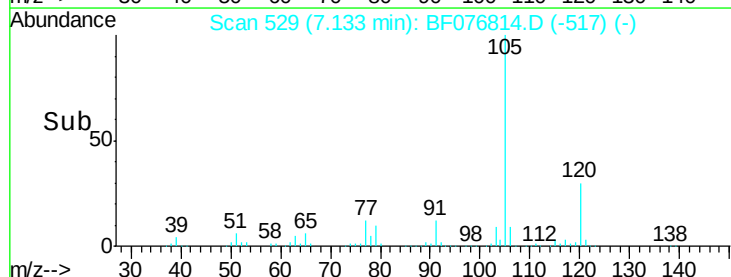
106 69.7 79.0 119.0#

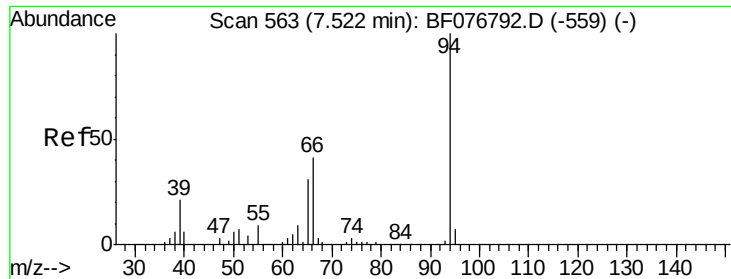


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.64 ng

RT: 7.52 min Scan# 563

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

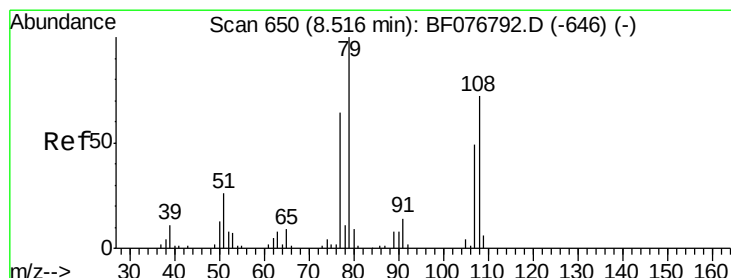
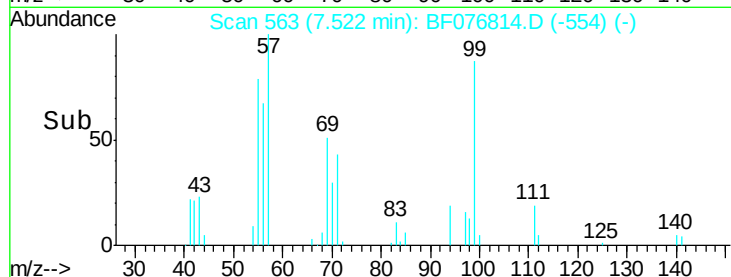
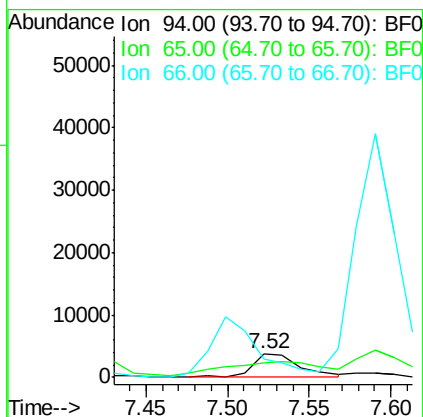
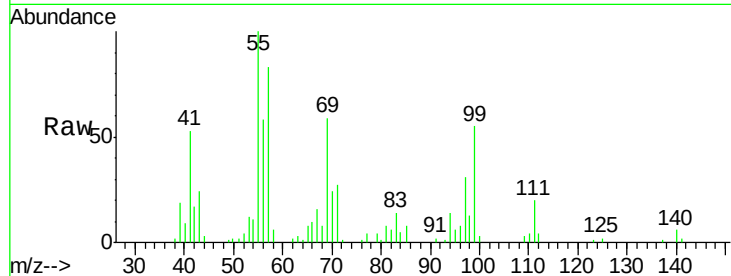
Tgt Ion: 94 Resp: 7787

Ion Ratio Lower Upper

94 100

65 60.3 11.6 51.6#

66 76.0 22.3 62.3#



#15

Benzyl Alcohol

Concen: 3.69 ng

RT: 8.47 min Scan# 646

Delta R.T. -0.05 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

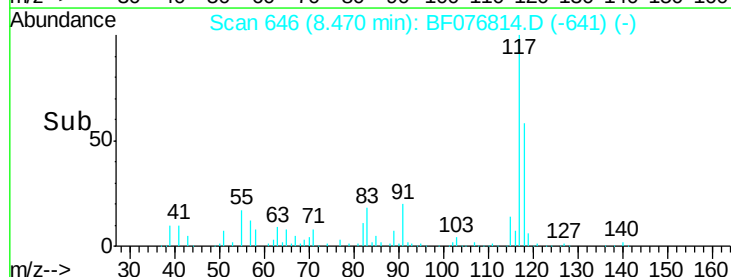
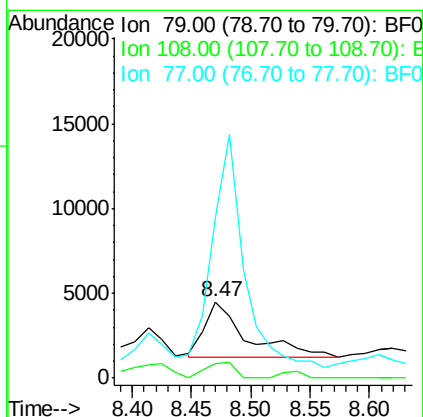
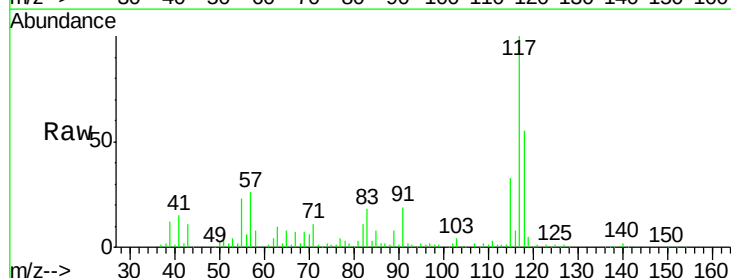
Tgt Ion: 79 Resp: 8301

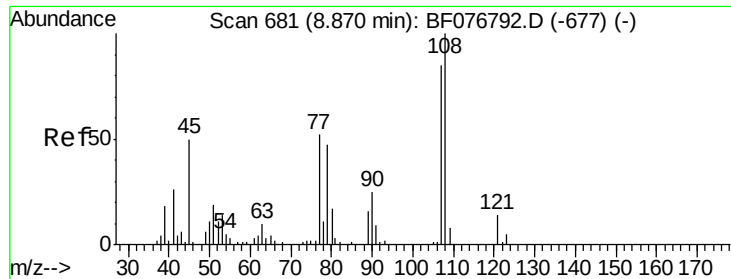
Ion Ratio Lower Upper

79 100

108 19.7 57.4 86.0#

77 211.2 51.2 76.8#





#17

2-Methylphenol

Concen: 3.19 ng

RT: 8.92 min Scan# 685

Delta R.T. 0.05 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

Tgt Ion:107 Resp: 6494

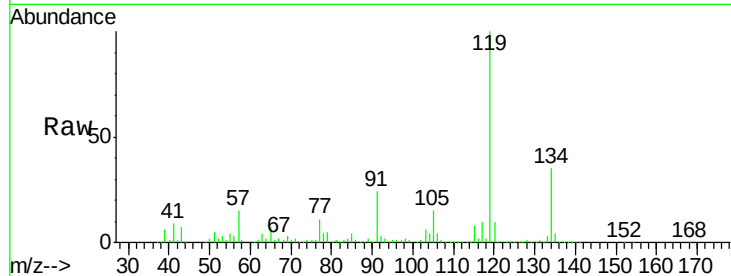
Ion Ratio Lower Upper

107 100

108 10.4 93.8 140.8#

77 1768.6 51.3 76.9#

79 785.6 46.5 69.7#

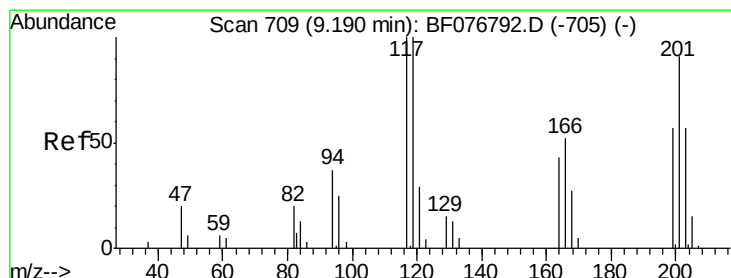
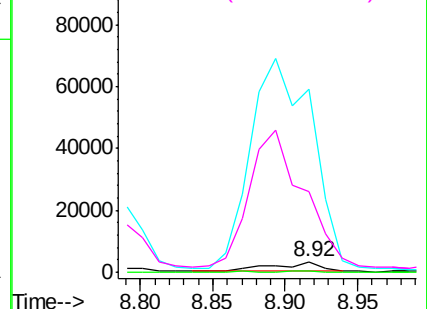
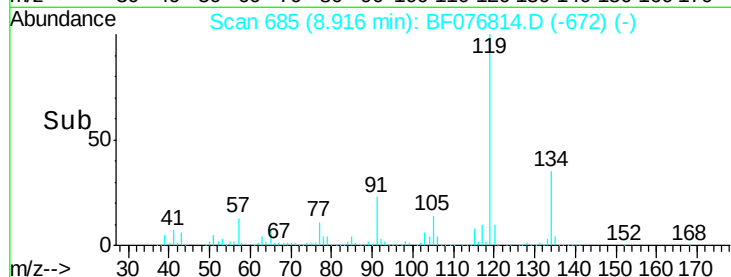


Abundance Ion 107.00 (106.70 to 107.70): E

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: 82.81 ng

RT: 9.24 min Scan# 713

Delta R.T. 0.05 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

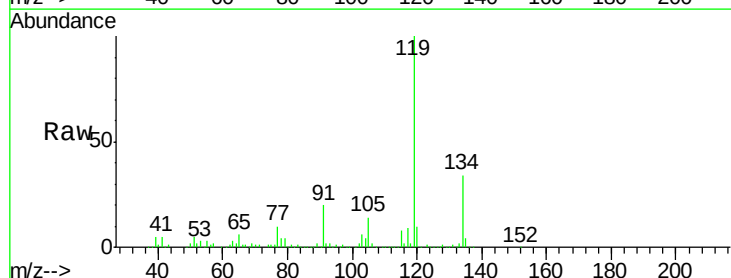
Tgt Ion:117 Resp: 88550

Ion Ratio Lower Upper

117 100

119 1059.4 80.0 120.0#

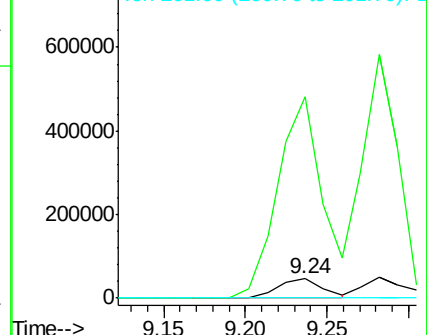
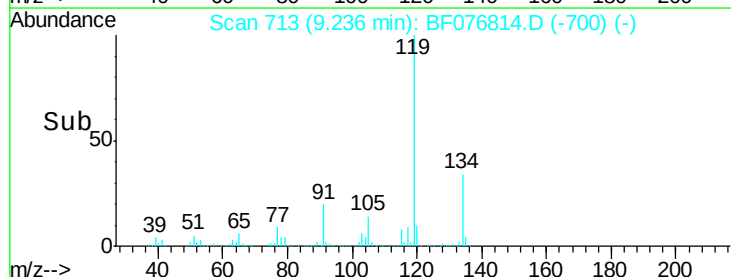
201 0.0 73.0 109.4#

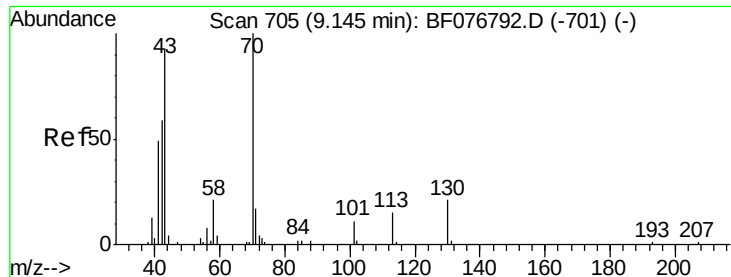


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 7.20 ng

RT: 9.17 min Scan# 707

Delta R.T. 0.02 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

Tgt Ion: 70 Resp: 13836

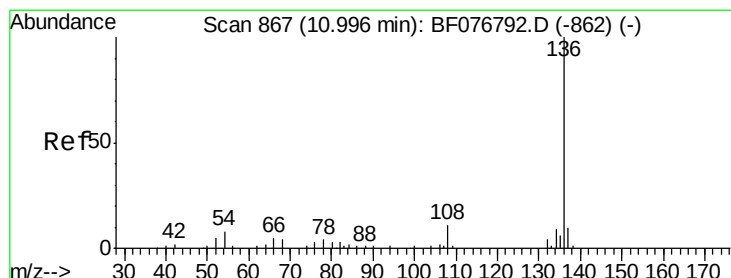
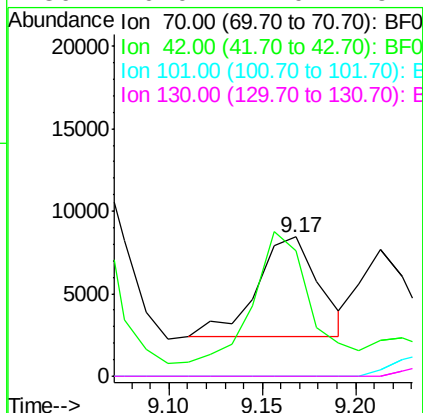
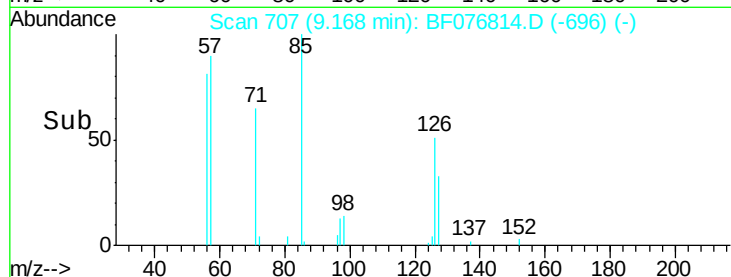
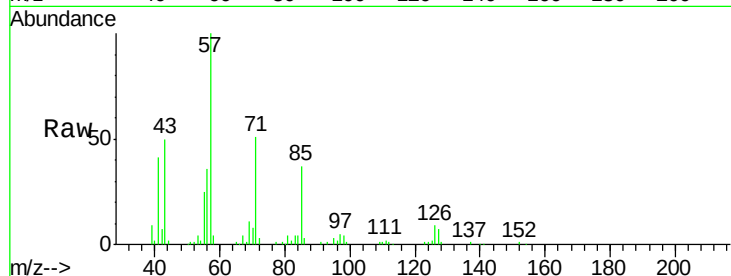
Ion Ratio Lower Upper

70 100

42 90.2 47.1 70.7#

101 0.0 8.5 12.7#

130 0.0 17.0 25.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Tgt Ion: 136 Resp: 144159

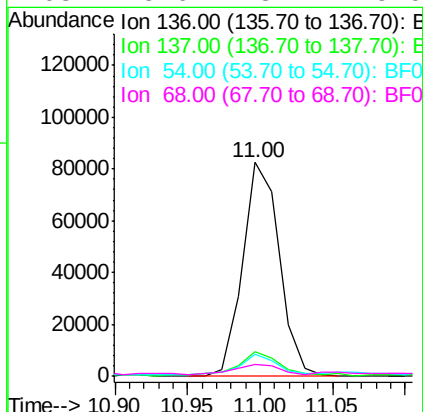
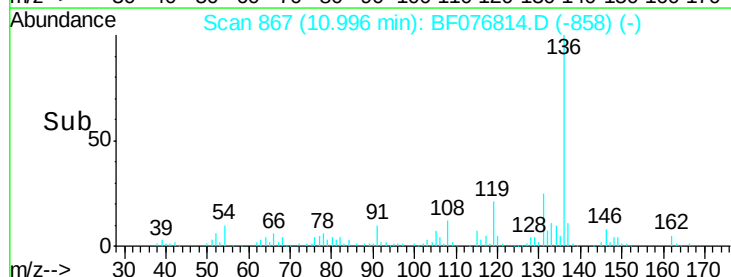
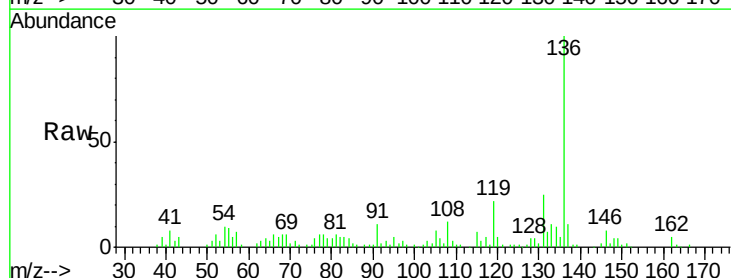
Ion Ratio Lower Upper

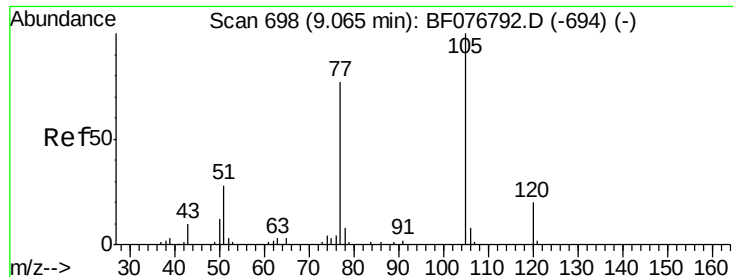
136 100

137 11.4 8.1 12.1

54 10.1 6.3 9.5#

68 5.6 3.4 5.0#





#22

Acetophenone

Concen: 142.21 ng

RT: 9.04 min Scan# 696

Delta R.T. -0.02 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

Tgt Ion: 105 Resp: 503788

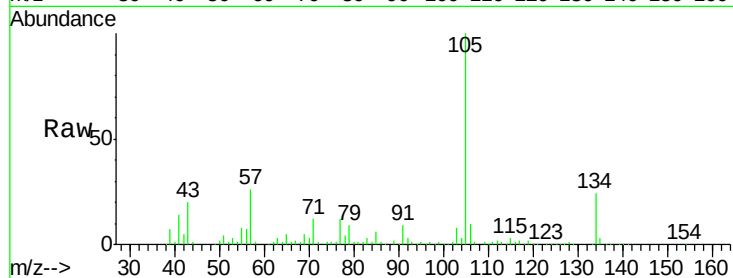
Ion Ratio Lower Upper

105 100

71 12.1 0.0 0.0#

51 4.1 22.2 33.2#

120 0.2 15.7 23.5#

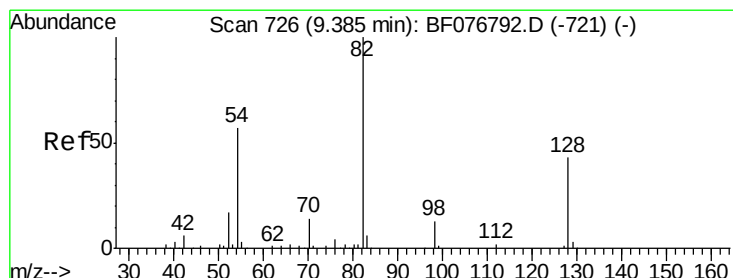
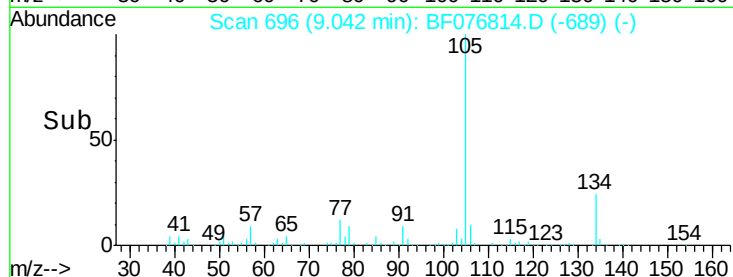
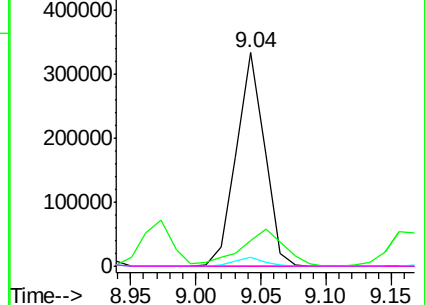


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 63.93 ng

RT: 9.40 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

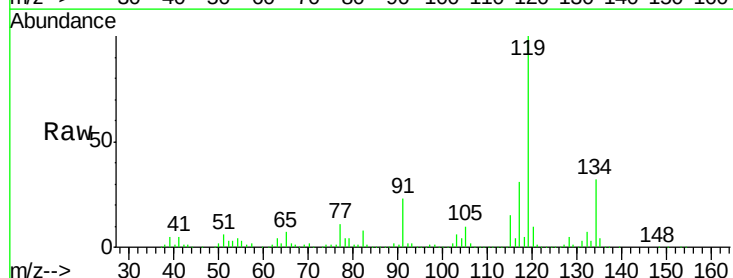
Tgt Ion: 82 Resp: 165840

Ion Ratio Lower Upper

82 100

128 60.3 34.0 51.0#

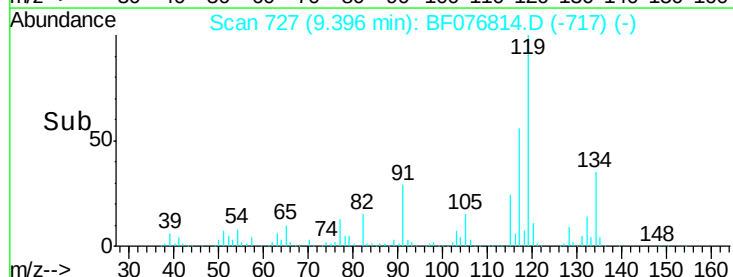
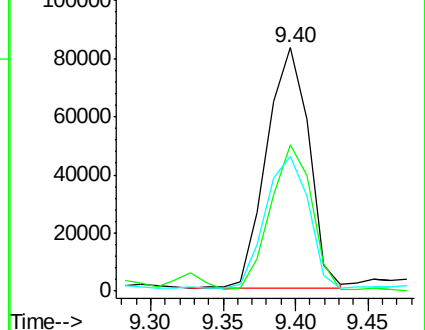
54 55.6 45.6 68.4

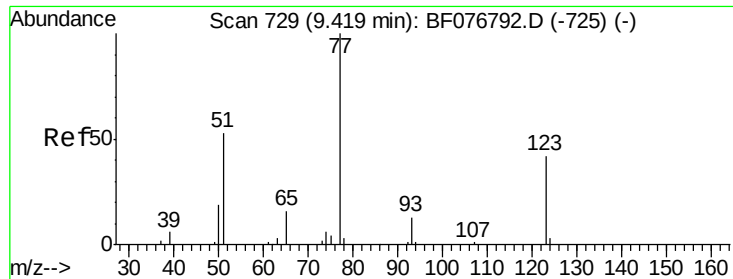


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

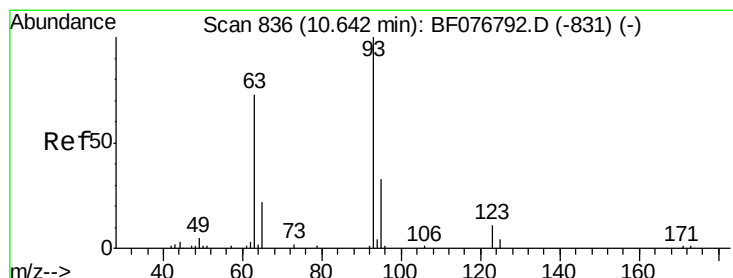
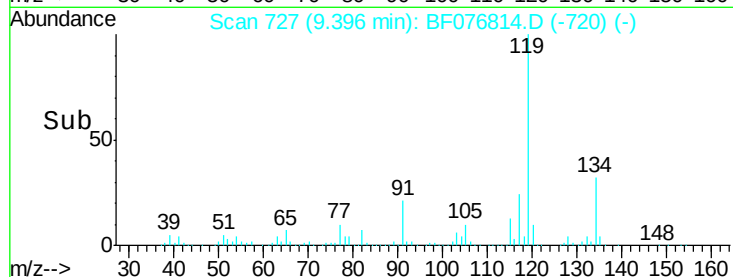
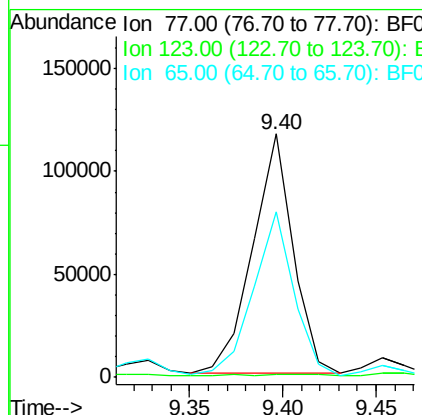
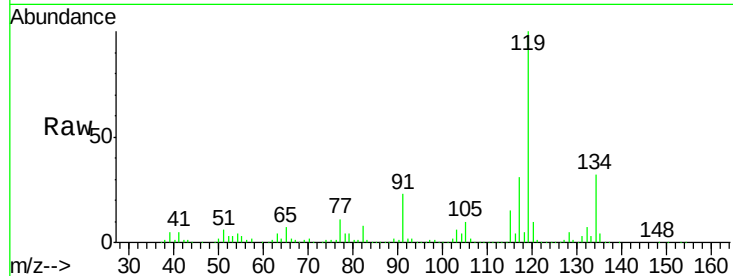




#24
 Nitrobenzene
 Concen: 66.92 ng
 RT: 9.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

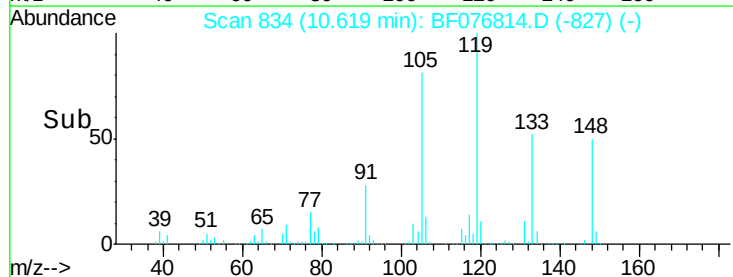
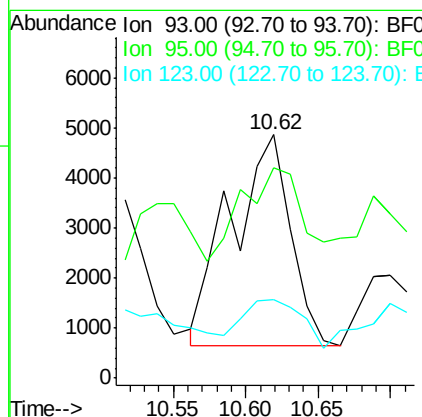
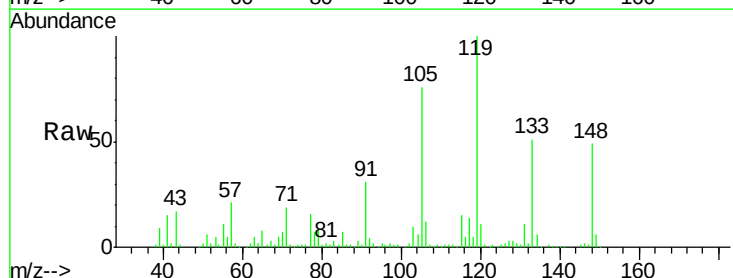
Instrument :
 BNA_F
 ClientSampleId :
 SW-010

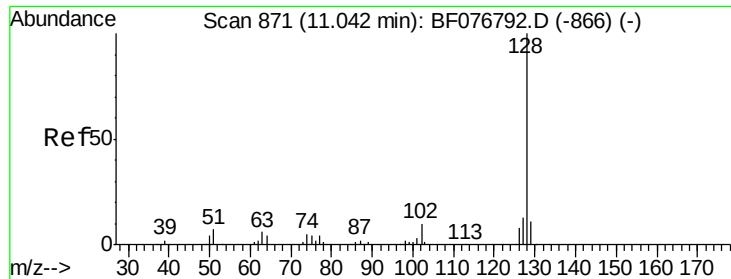
Tgt Ion: 77 Resp: 175355
 Ion Ratio Lower Upper
 77 100
 123 1.0 33.3 49.9#
 65 68.1 13.1 19.7#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.34 ng
 RT: 10.62 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Tgt Ion: 93 Resp: 12026
 Ion Ratio Lower Upper
 93 100
 95 86.6 26.1 39.1#
 123 32.2 9.0 13.6#

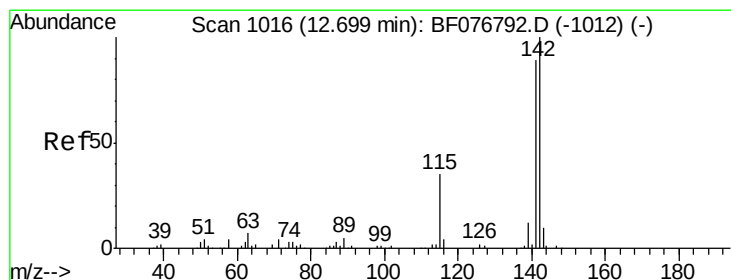
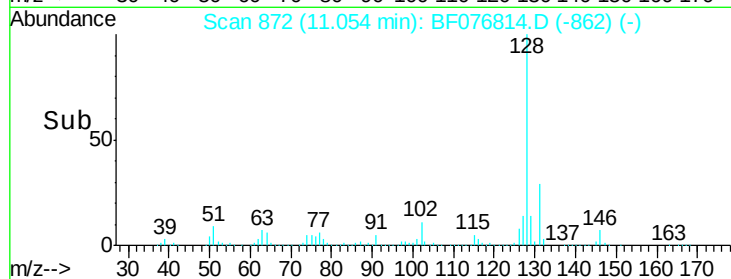
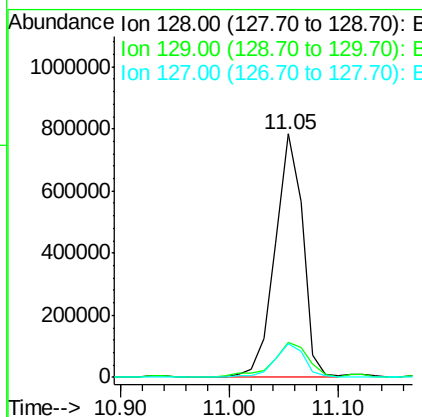
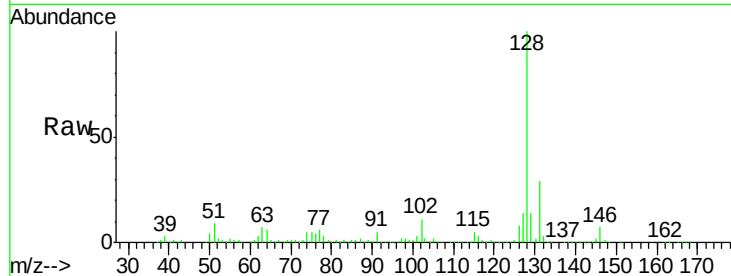




#31
Naphthalene
Concen: 188.60 ng
RT: 11.05 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

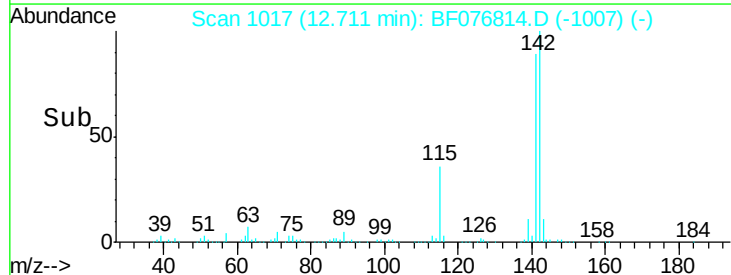
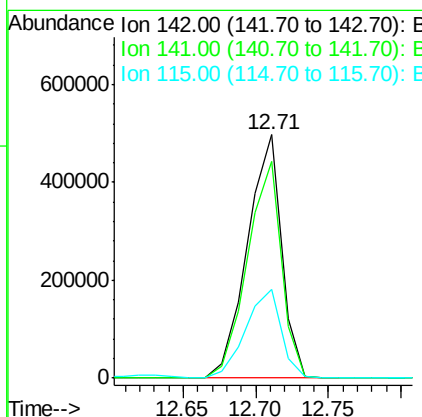
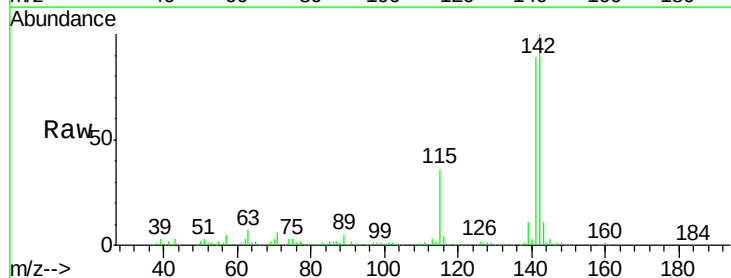
Instrument :
BNA_F
ClientSampleId :
SW-010

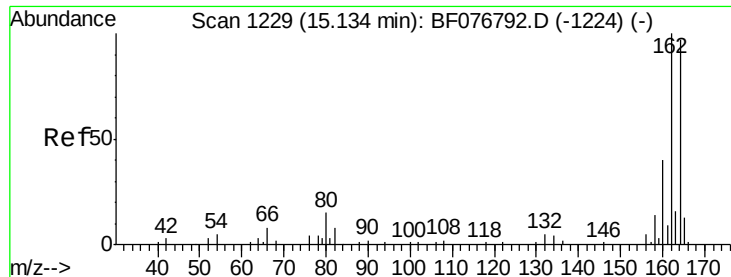
Tgt Ion:128 Resp: 1394733
Ion Ratio Lower Upper
128 100
129 14.3 8.6 13.0#
127 14.0 10.1 15.1



#37
2-Methylnaphthalene
Concen: 156.86 ng
RT: 12.71 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Tgt Ion:142 Resp: 814004
Ion Ratio Lower Upper
142 100
141 89.2 71.0 106.4
115 36.4 28.2 42.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.12 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

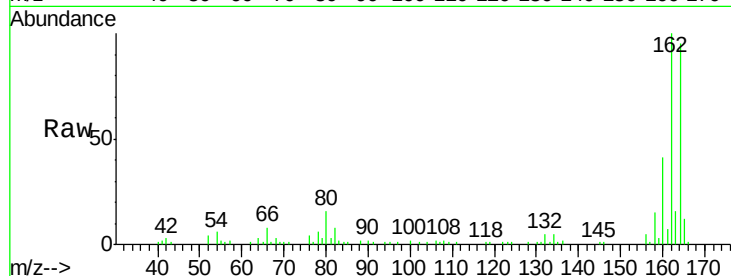
Tgt Ion:164 Resp: 76915

Ion Ratio Lower Upper

164 100

162 105.2 82.5 123.7

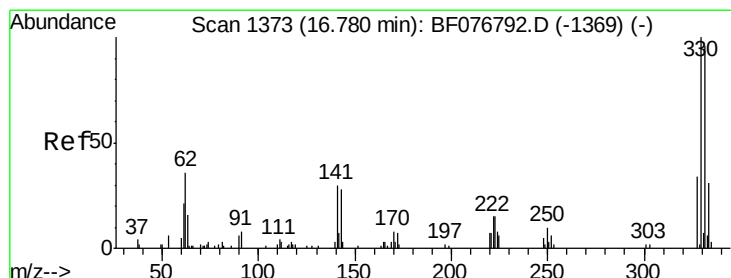
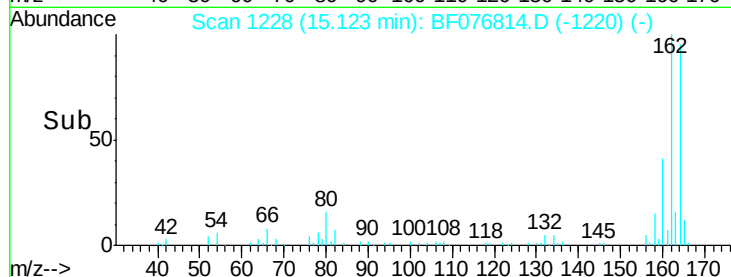
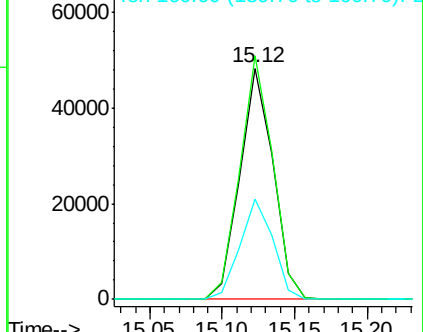
160 43.2 33.1 49.7



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: 97.51 ng

RT: 16.77 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

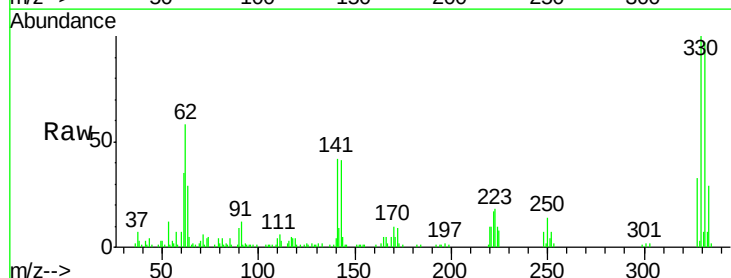
Tgt Ion:330 Resp: 62601

Ion Ratio Lower Upper

330 100

332 99.0 74.8 112.2

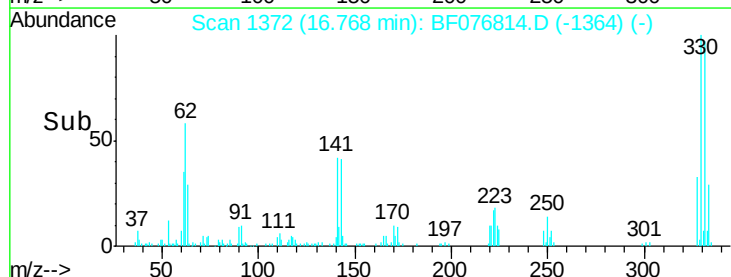
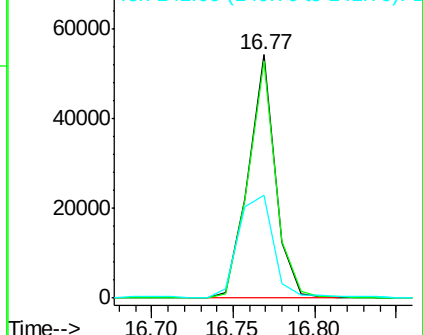
141 55.3 42.4 63.6

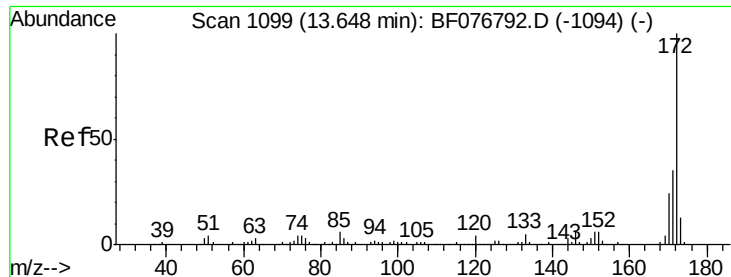


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

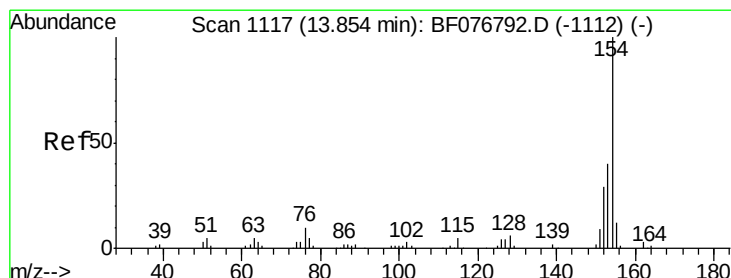
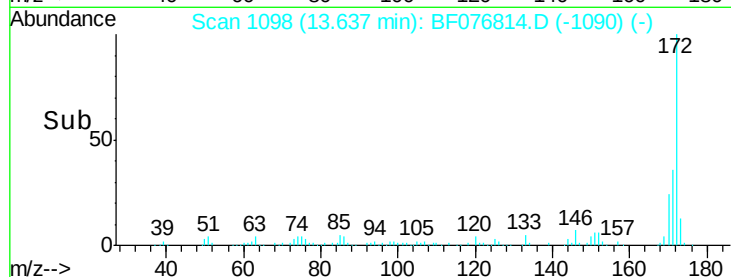
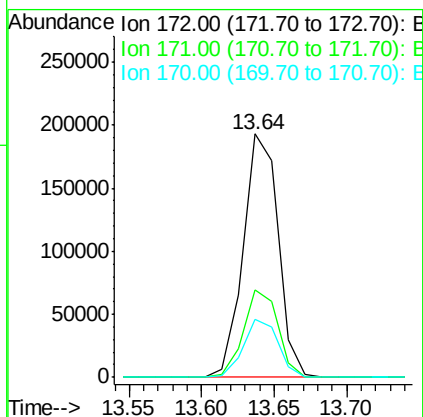
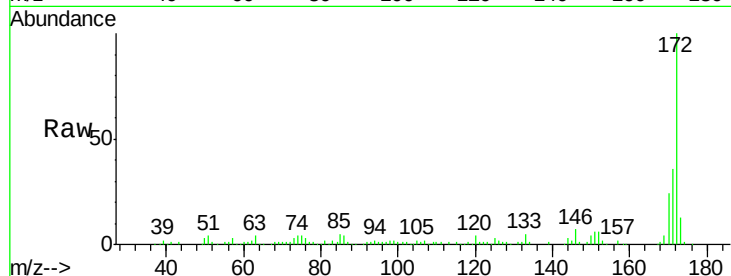




#44
2-Fluorobiphenyl
Concen: 61.56 ng
RT: 13.64 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

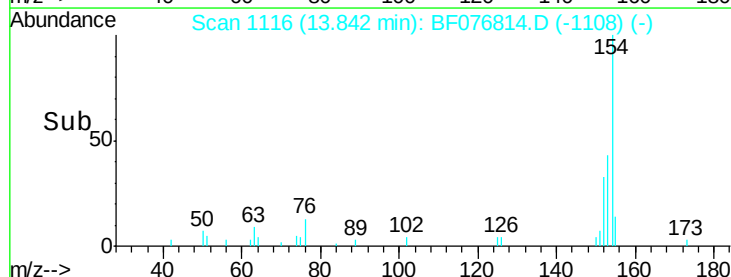
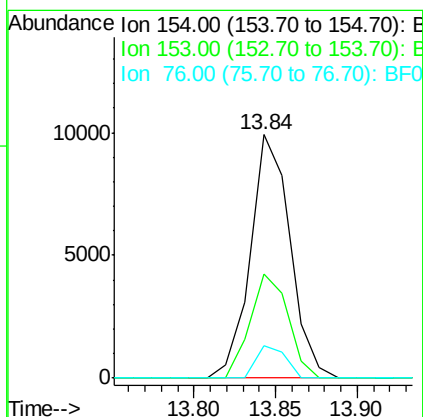
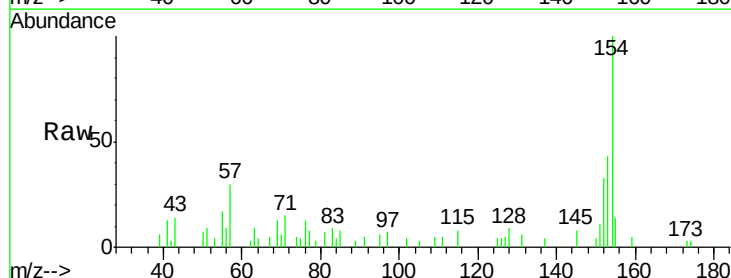
Instrument :
BNA_F
ClientSampleId :
SW-010

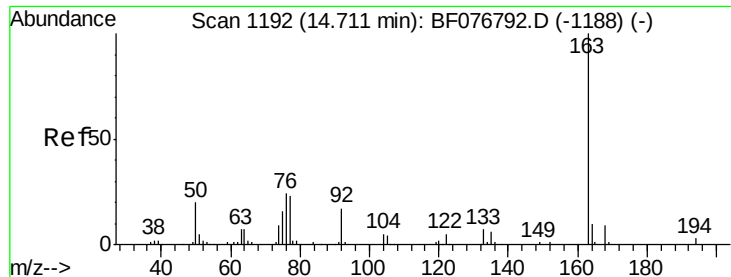
Tgt Ion:172 Resp: 321726
Ion Ratio Lower Upper
172 100
171 36.1 27.8 41.8
170 23.8 18.8 28.2



#45
1,1'-Biphenyl
Concen: 2.84 ng
RT: 13.84 min Scan# 1116
Delta R.T. -0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Tgt Ion:154 Resp: 16794
Ion Ratio Lower Upper
154 100
153 42.8 19.9 59.9
76 13.4 0.0 29.9





#49

Dimethylphthalate

Concen: 4.09 ng

RT: 14.70 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

Instrument :

BNA_F

ClientSampleId :

SW-010

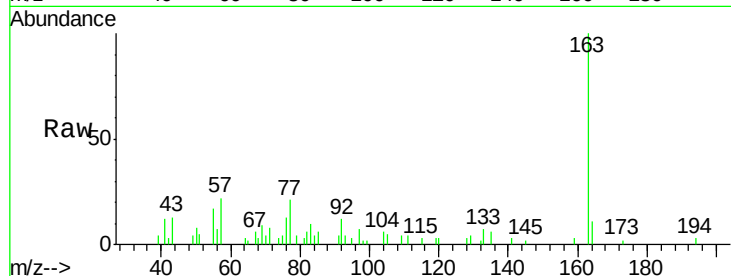
Tgt Ion:163 Resp: 22851

Ion Ratio Lower Upper

163 100

194 2.9 2.3 3.5

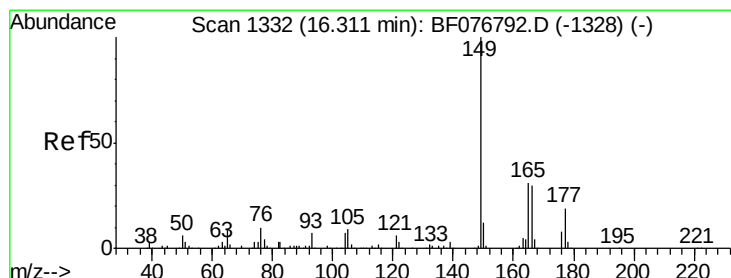
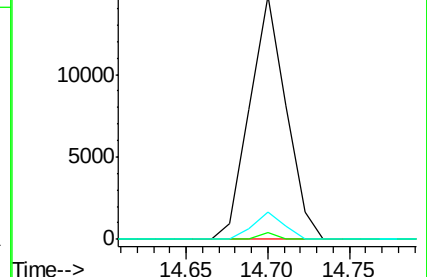
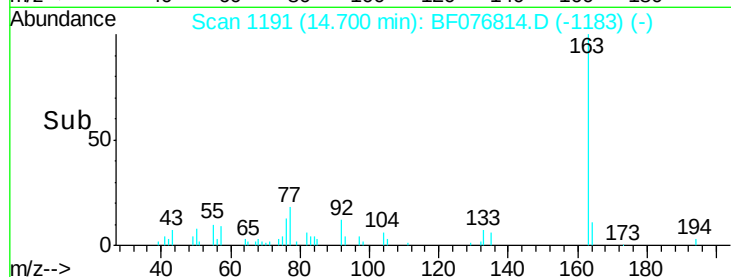
164 11.4 8.3 12.5



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



#59

Diethylphthalate

Concen: 5.73 ng

RT: 16.29 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF076814.D

Acq: 12 Jan 2015 18:22

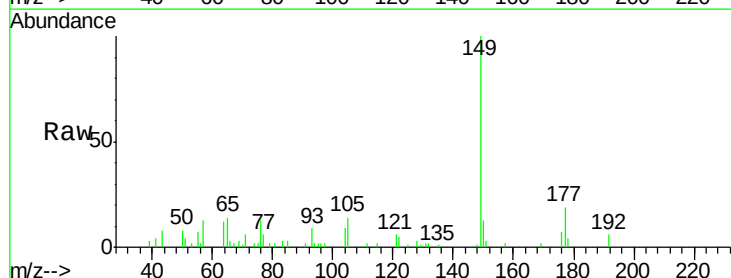
Tgt Ion:149 Resp: 32982

Ion Ratio Lower Upper

149 100

177 18.8 15.4 23.2

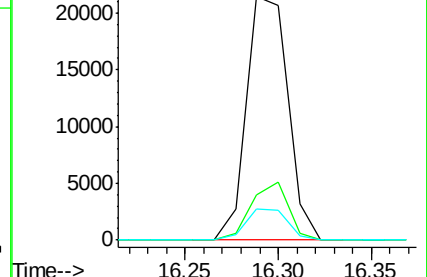
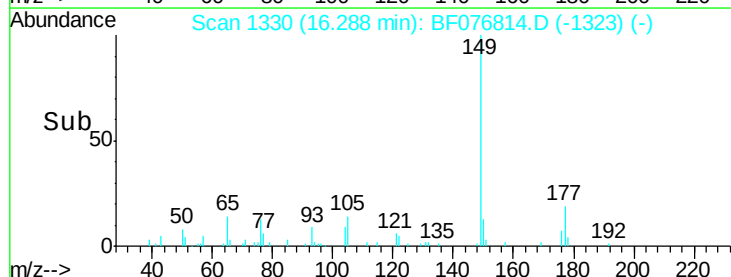
150 12.8 9.4 14.0

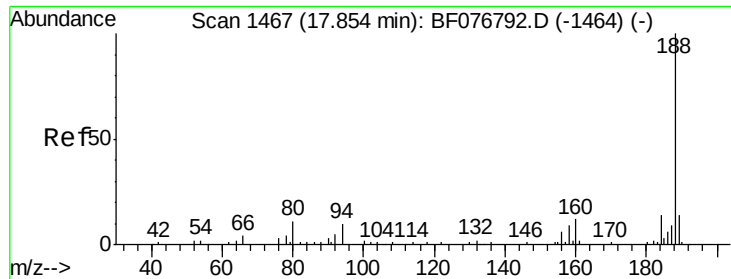


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

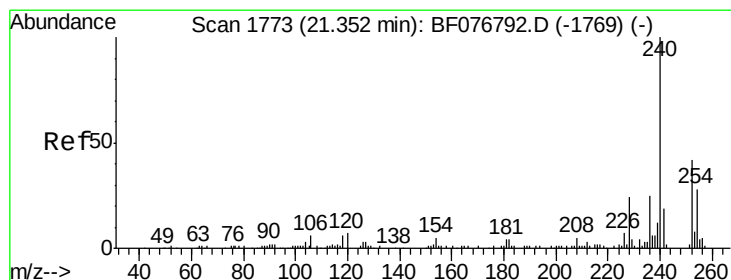
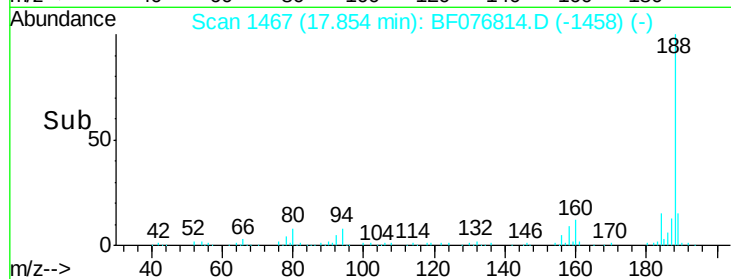
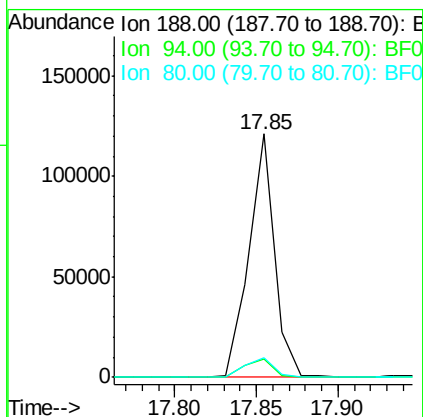
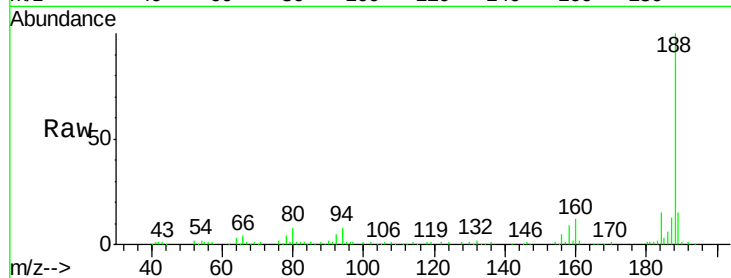




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

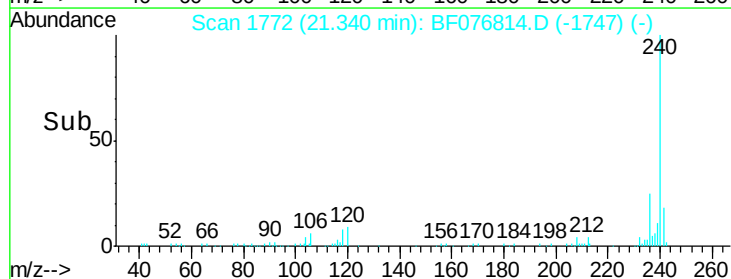
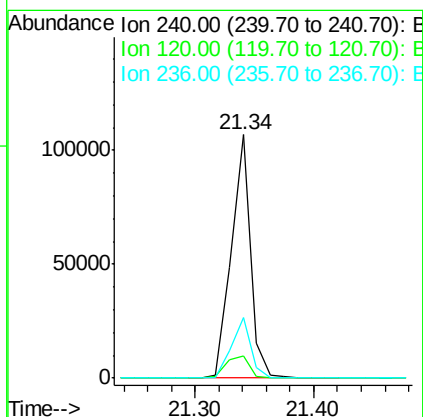
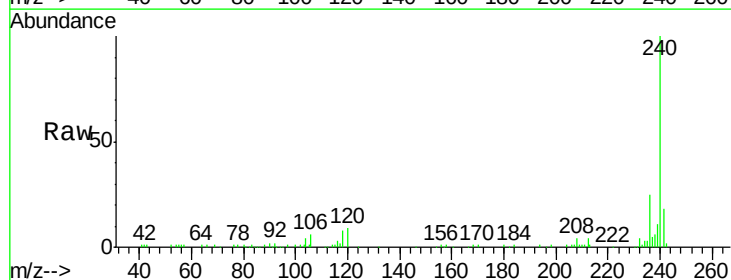
Instrument :
BNA_F
ClientSampleId :
SW-010

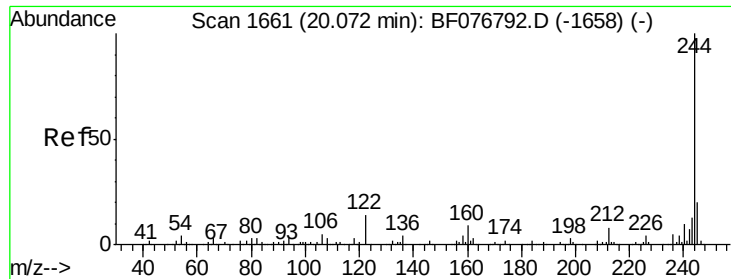
Tgt Ion:188 Resp: 131830
Ion Ratio Lower Upper
188 100
94 7.5 7.8 11.6#
80 7.9 8.6 13.0#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.34 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF076814.D
Acq: 12 Jan 2015 18:22

Tgt Ion:240 Resp: 119779
Ion Ratio Lower Upper
240 100
120 9.2 5.7 8.5#
236 25.0 19.7 29.5

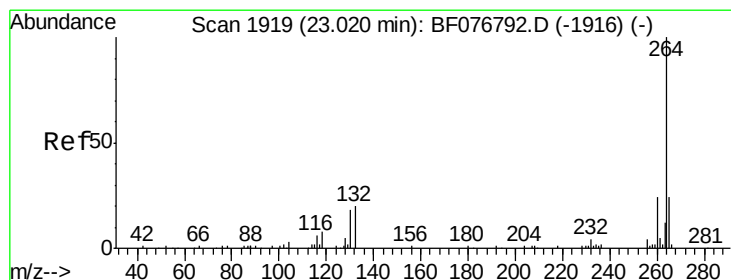
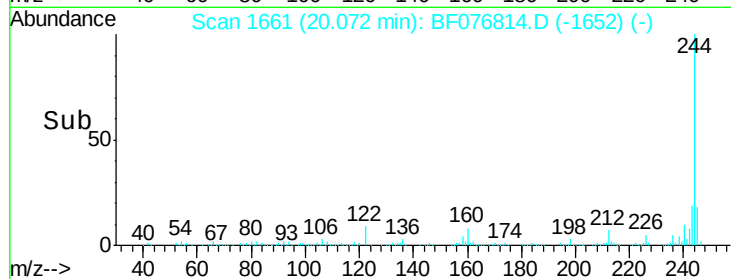
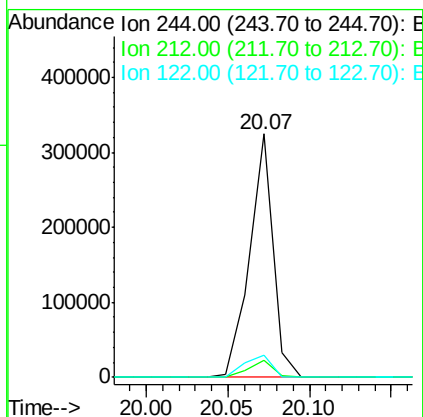
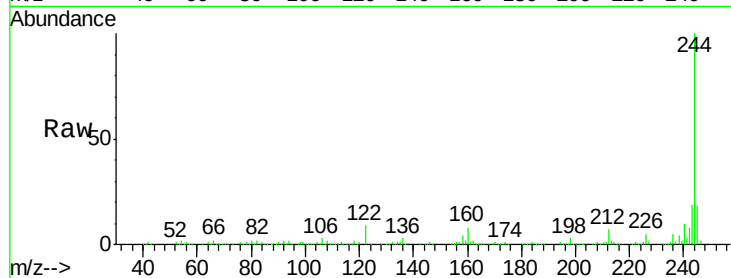




#78
 Terphenyl-d14
 Concen: 59.43 ng
 RT: 20.07 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Instrument :
 BNA_F
 ClientSampleId :
 SW-010

Tgt Ion:244 Resp: 324194
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.2 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.00 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BF076814.D
 Acq: 12 Jan 2015 18:22

Tgt Ion:264 Resp: 110574
 Ion Ratio Lower Upper
 264 100
 260 22.1 19.4 29.0
 265 21.3 18.9 28.3

