

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF011315\
 Data File : BF076841.D
 Acq On : 13 Jan 2015 13:24
 Operator : IZ / TP
 Sample : G1044-01
 Misc : W
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

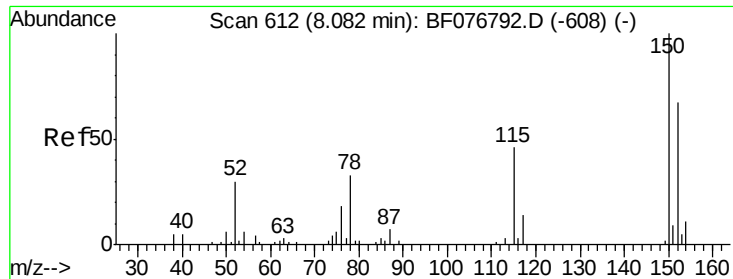
Quant Time: Jan 14 10:42:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 12 10:43:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36694	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	158132	20.00	ng	-0.03
38) Acenaphthene-d10	15.09	164	85276	20.00	ng	-0.05
63) Phenanthrene-d10	17.82	188	141730	20.00	ng	-0.03
75) Chrysene-d12	21.31	240	129675	20.00	ng	-0.05
86) Perylene-d12	23.02	264	123879	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.14	112	146423	66.59	ng	-0.03
7) Phenol-d6	7.48	99	109513	39.56	ng	-0.02
23) Nitrobenzene-d5	9.35	82	268889	94.49	ng	-0.03
41) 2,4,6-Tribromophenol	16.75	330	103932	146.02	ng	-0.03
44) 2-Fluorobiphenyl	13.60	172	521354	89.98	ng	-0.05
78) Terphenyl-d14	20.05	244	470897	79.73	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	1.34	88	8824	9.41	ng	87
4) n-Nitrosodimethylamine	1.77	42	16791	13.38	ng	# 2
6) Aniline	7.35	93	86930	22.74	ng	98
8) 2-Chlorophenol	7.60	128	21610	8.31	ng	87
9) Benzaldehyde	7.09	77	8921	5.43	ng	# 1
10) Phenol	7.50	94	44274	14.68	ng	90
11) bis(2-Chloroethyl)ether	7.59	93	28663	11.86	ng	97
12) 1,3-Dichlorobenzene	7.91	146	5811	2.01	ng	96
13) 1,4-Dichlorobenzene	8.09	146	42671	14.09	ng	92
14) 1,2-Dichlorobenzene	8.41	146	41690	14.78	ng	96
15) Benzyl Alcohol	8.50	79	8466	3.68	ng	# 52
17) 2-Methylphenol	8.85	107	13168	6.32	ng	89
20) 3+4-Methylphenols	9.21	107	79439	28.89	ng	95
22) Acetophenone	9.01	105	22834	5.88	ng	# 56
24) Nitrobenzene	9.42	77	9637	3.35	ng	# 58
25) Isophorone	10.02	82	11574	2.24	ng	# 84
27) 2,4-Dimethylphenol	10.41	122	20441	9.15	ng	92
28) bis(2-Chloroethoxy)methane	10.61	93	18021	5.93	ng	# 69
31) Naphthalene	11.01	128	388664	47.91	ng	98
32) Benzoic acid	10.77	122	124700	114.41	ng	# 22
36) 4-Chloro-3-methylphenol	12.57	107	134444	57.03	ng	# 19
37) 2-Methylnaphthalene	12.67	142	51074	8.97	ng	95
47) 2-Nitroaniline	14.13	65	3343	2.13	ng	# 12
49) Dimethylphthalate	14.67	163	31218	5.04	ng	# 97
51) Acenaphthene	15.16	154	13930	2.76	ng	96
59) Diethylphthalate	16.27	149	28598	4.48	ng	96
65) n-Nitrosodiphenylamine	16.61	169	69232	13.45	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampled :

SP-1A

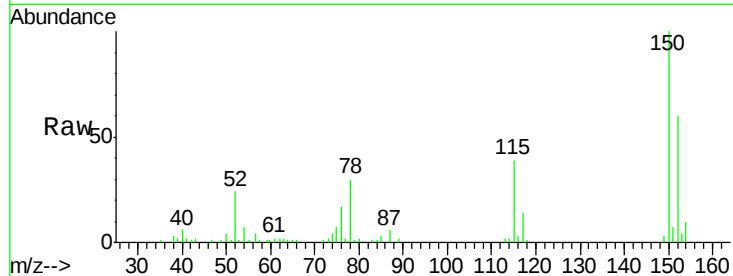
Tot Ion:152 Resp: 36694

Ion Ratio Lower Upper

152 100

150 166.8 119.5 179.3

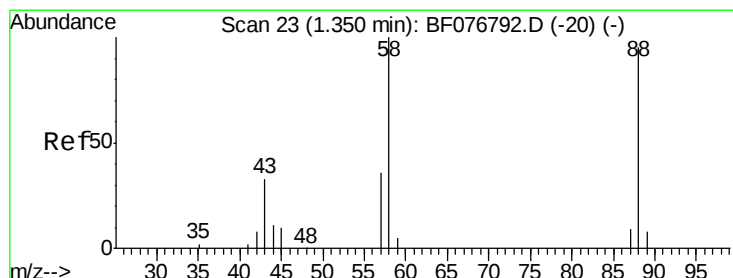
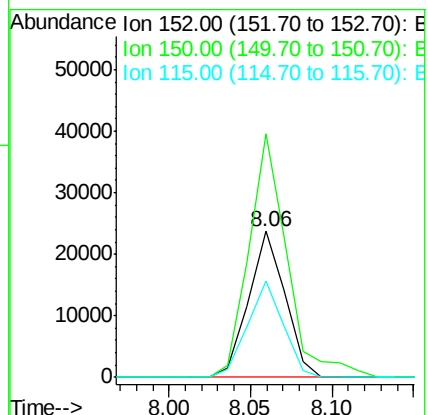
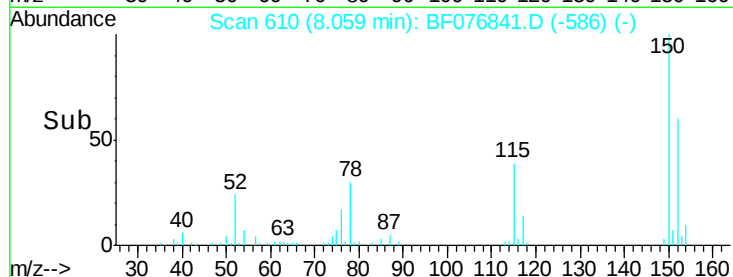
115 65.8 54.6 81.8



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



#2

1,4-Dioxane

Concen: 9.41 ng

RT: 1.34 min Scan# 22

Delta R.T. -0.01 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

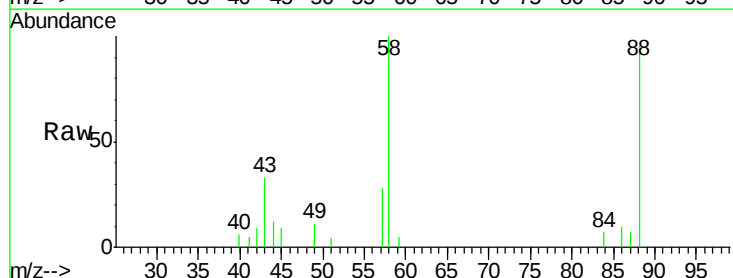
Tgt Ion: 88 Resp: 8824

Ion Ratio Lower Upper

88 100

58 105.1 72.4 108.6

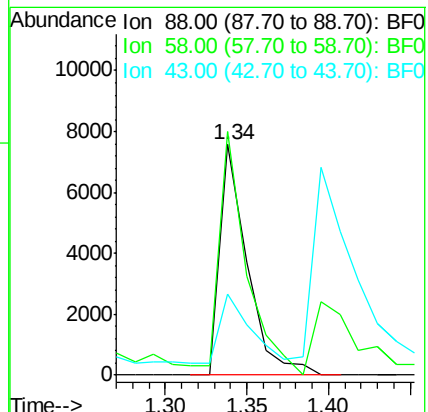
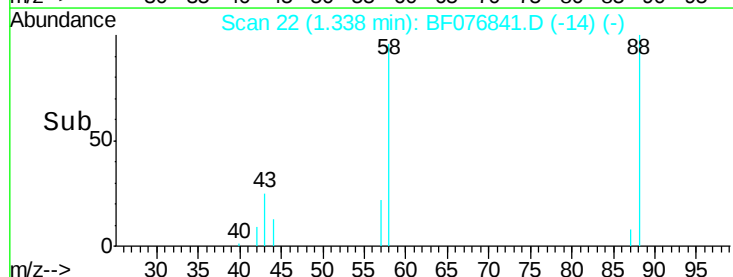
43 32.9 24.0 36.0

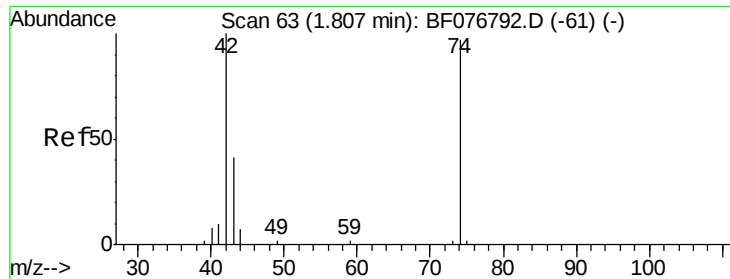


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



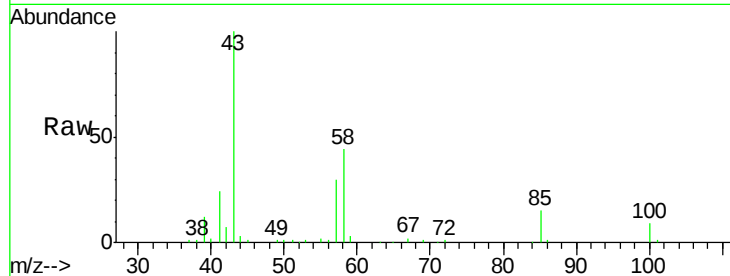


#4

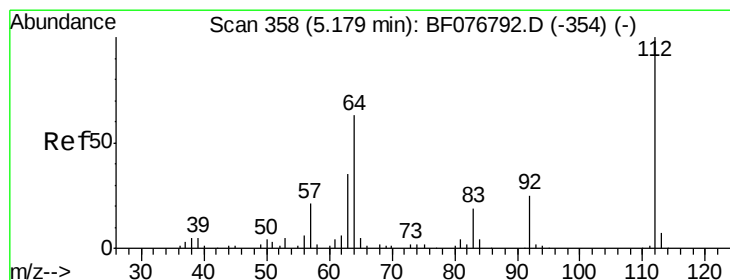
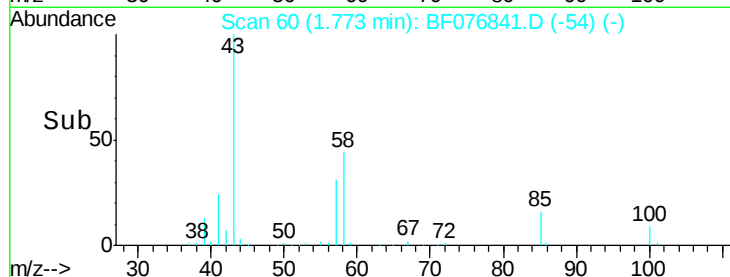
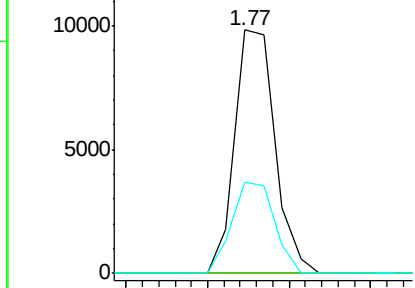
n-Nitrosodimethylamine
 Concen: 13.38 ng
 RT: 1.77 min Scan# 60
 Delta R.T. -0.03 min
 Lab File: BF076841.D
 Acq: 13 Jan 2015 13:24

Instrument :
 BNA_F
 ClientSampled :
 SP-1A

Tot Ion: 42 Resp: 16791
 Ion Ratio Lower Upper
 42 100
 74 0.0 77.9 116.9#
 44 37.7 5.8 8.6#



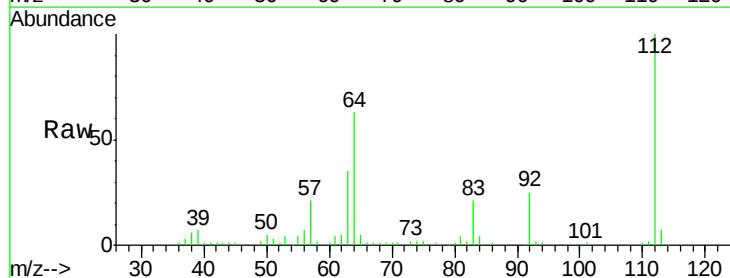
Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0



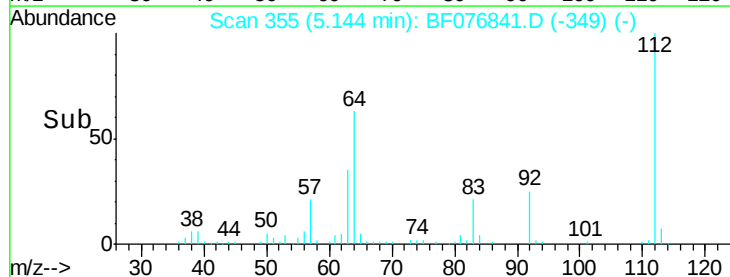
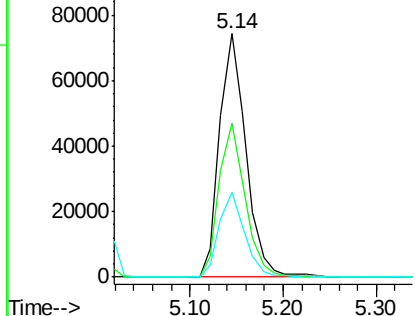
#5

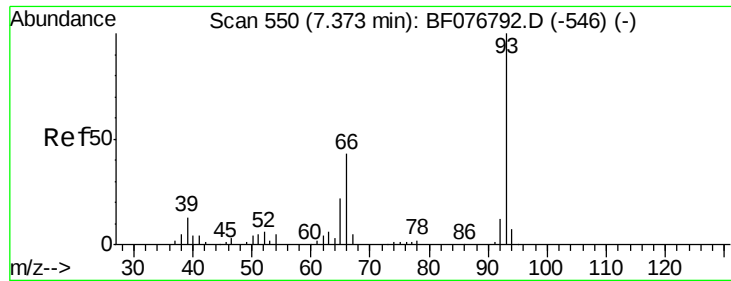
2-Fluorophenol
 Concen: 66.59 ng
 RT: 5.14 min Scan# 355
 Delta R.T. -0.03 min
 Lab File: BF076841.D
 Acq: 13 Jan 2015 13:24

Tgt Ion: 112 Resp: 146423
 Ion Ratio Lower Upper
 112 100
 64 63.2 50.2 75.4
 63 35.1 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





#6

Aniline

Concen: 22.74 ng

RT: 7.35 min Scan# 548

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

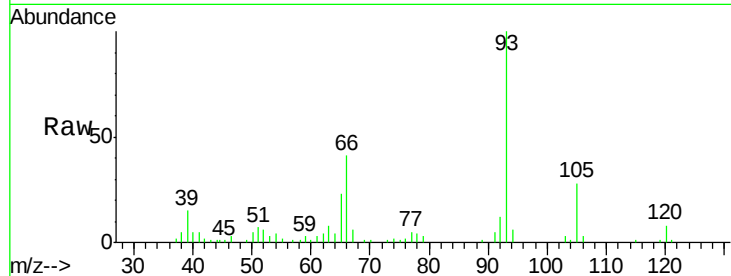
Tot Ion: 93 Resp: 86930

Ion Ratio Lower Upper

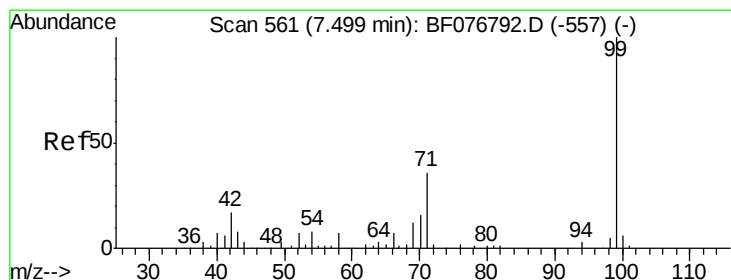
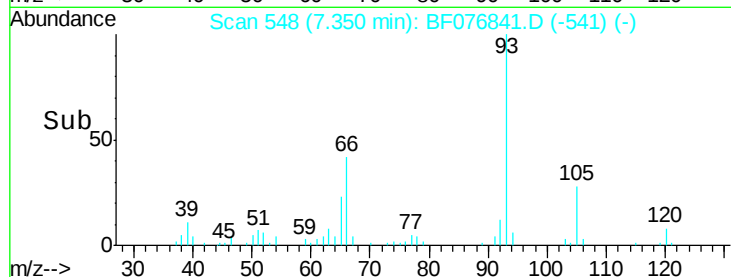
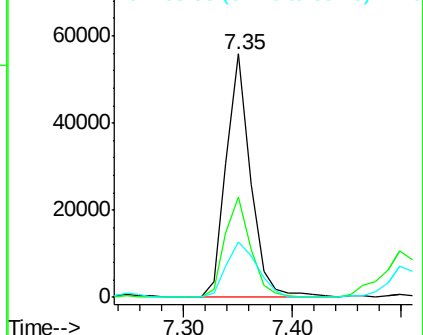
93 100

66 41.3 34.1 51.1

65 22.8 18.0 27.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 39.56 ng

RT: 7.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

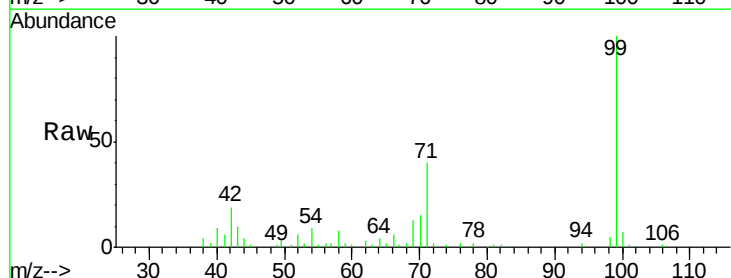
Tgt Ion: 99 Resp: 109513

Ion Ratio Lower Upper

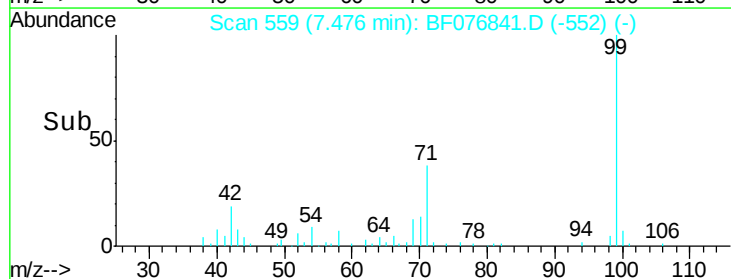
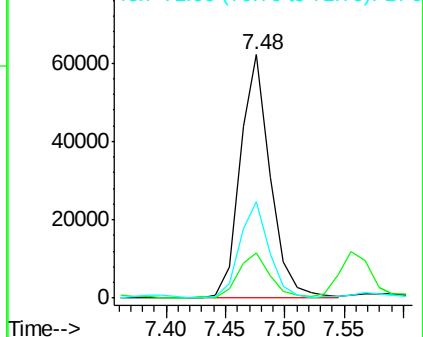
99 100

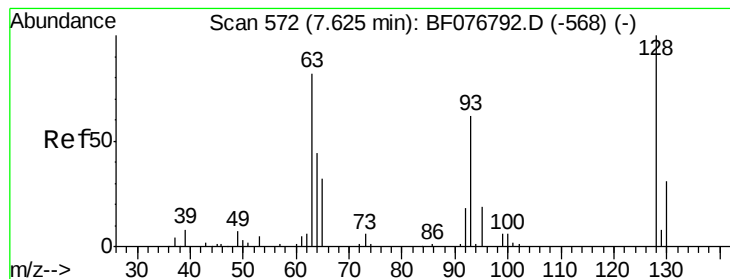
42 18.5 13.3 19.9

71 39.5 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





#8

2-Chlorophenol

Concen: 8.31 ng

RT: 7.60 min Scan# 570

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

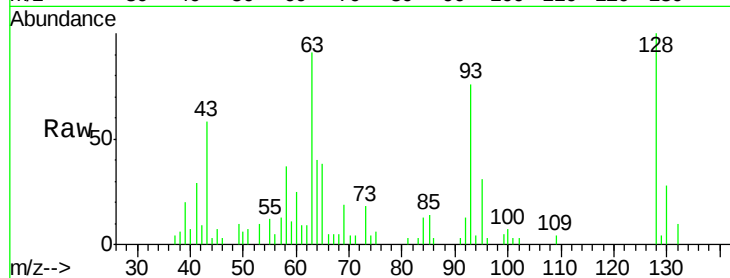
Tot Ion:128 Resp: 21610

Ion Ratio Lower Upper

128 100

130 27.6 10.6 50.6

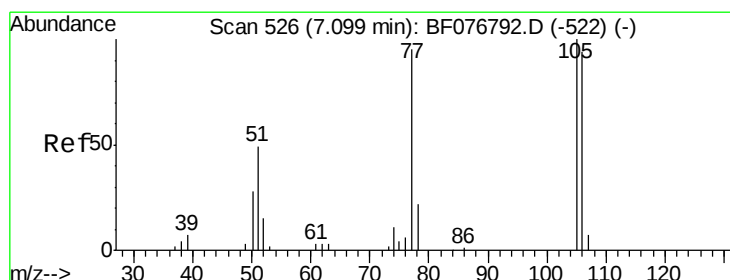
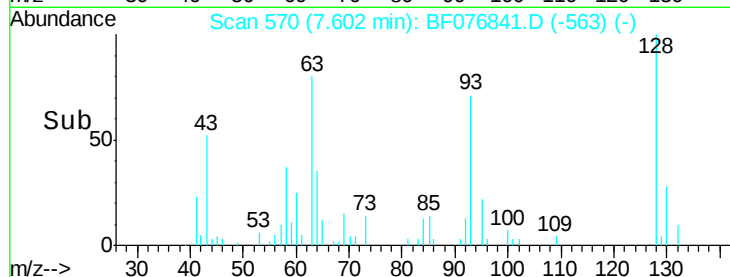
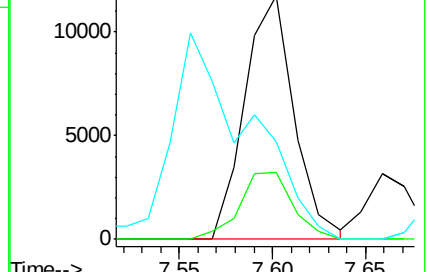
64 40.4 32.8 72.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 5.43 ng

RT: 7.09 min Scan# 525

Delta R.T. -0.01 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

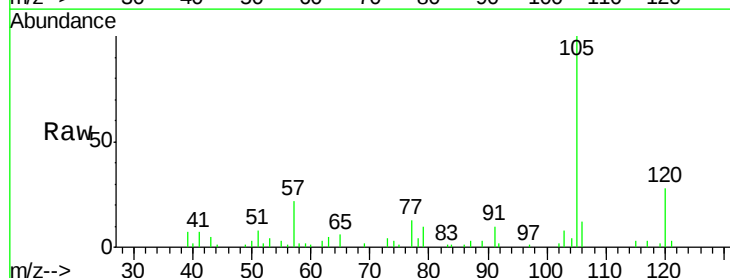
Tgt Ion: 77 Resp: 8921

Ion Ratio Lower Upper

77 100

105 788.8 85.5 125.5#

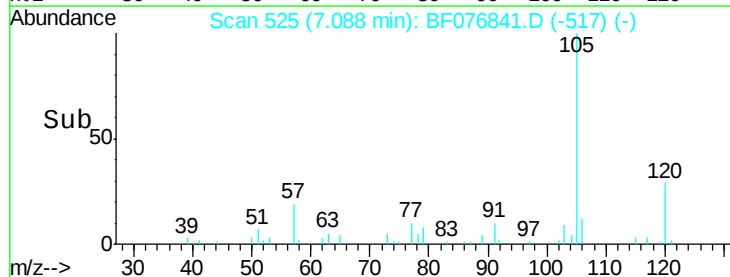
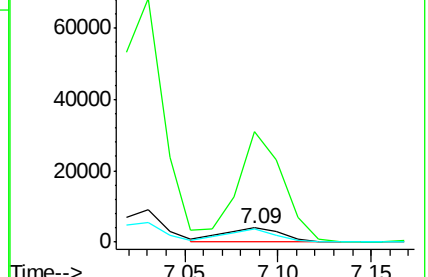
106 93.9 79.0 119.0

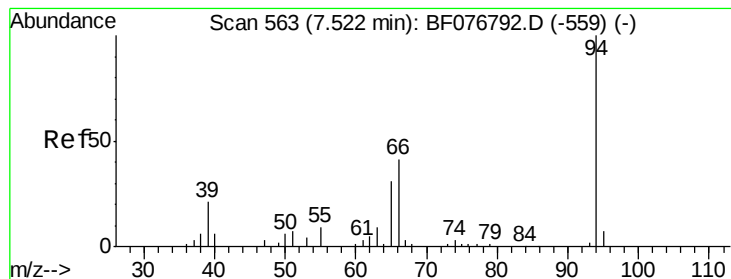


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 14.68 ng

RT: 7.50 min Scan# 561

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

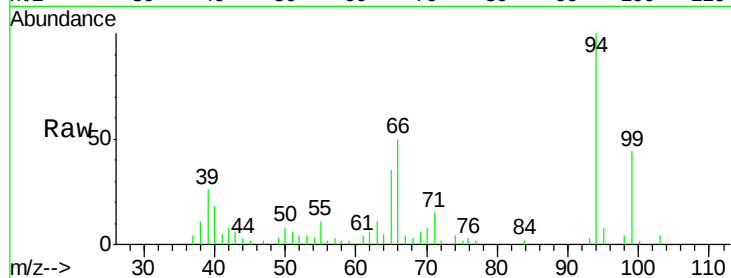
Tot Ion: 94 Resp: 44274

Ion Ratio Lower Upper

94 100

65 34.7 11.6 51.6

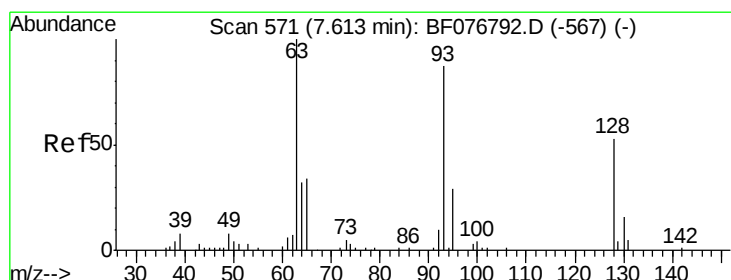
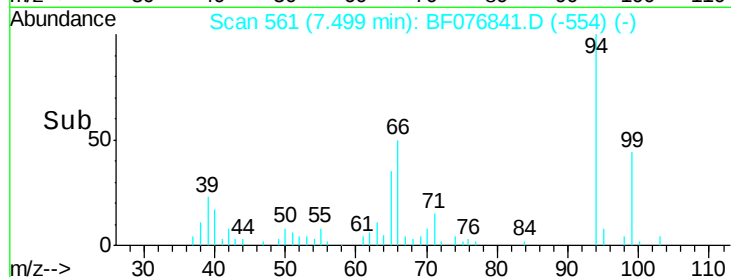
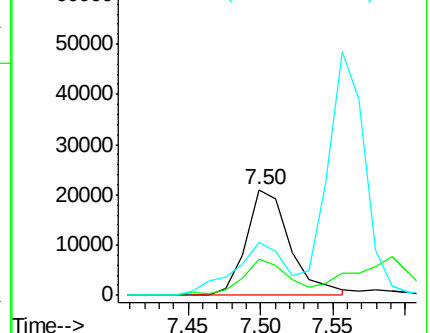
66 50.2 22.3 62.3



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



#11

bis(2-Chloroethyl)ether

Concen: 11.86 ng

RT: 7.59 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

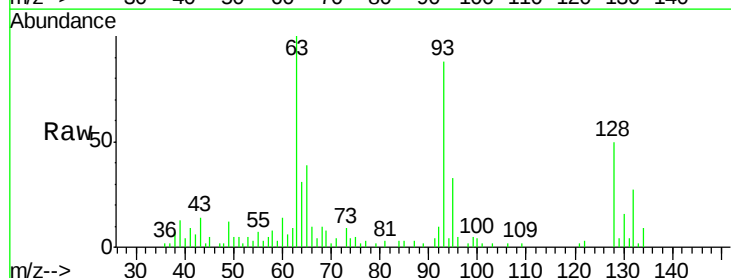
Tgt Ion: 93 Resp: 28663

Ion Ratio Lower Upper

93 100

63 113.7 96.1 136.1

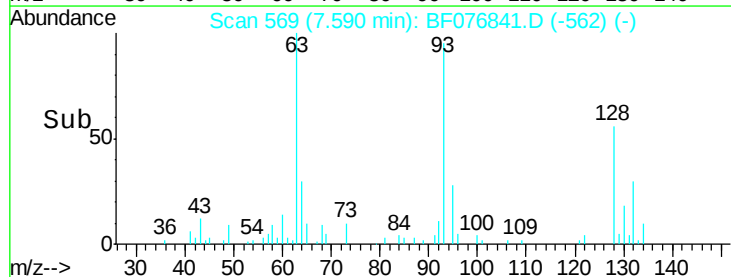
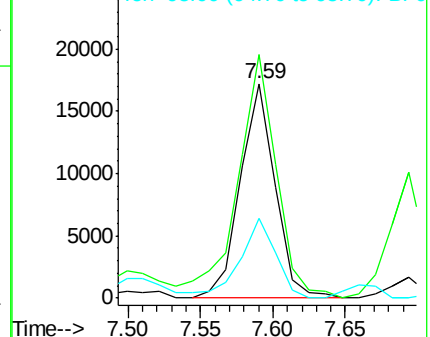
95 37.4 14.0 54.0

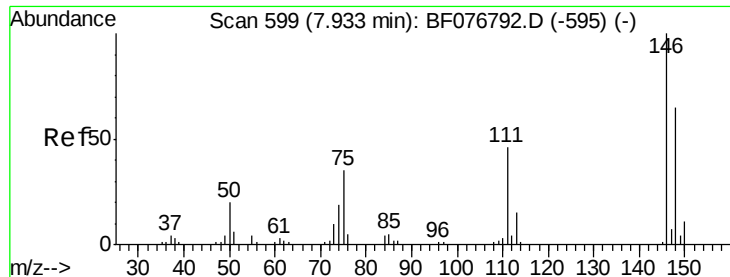


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#12

1,3-Dichlorobenzene

Concen: 2.01 ng

RT: 7.91 min Scan# 597

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

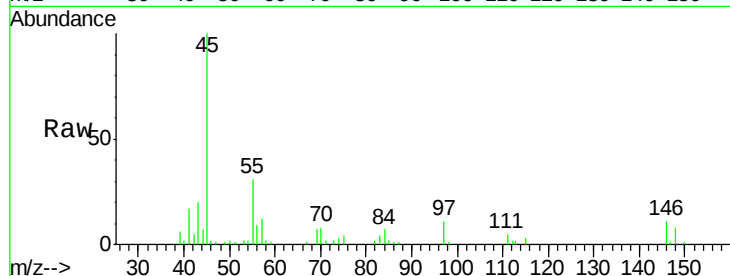
Tot Ion:146 Resp: 5811

Ion Ratio Lower Upper

146 100

148 67.8 52.1 78.1

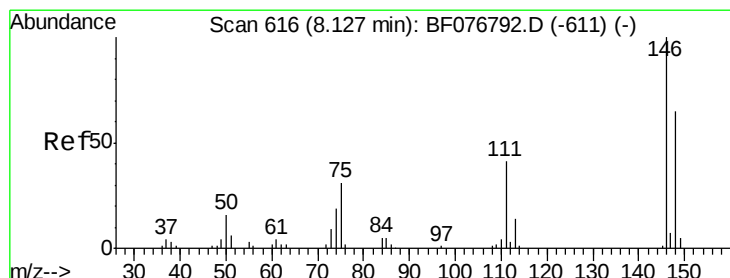
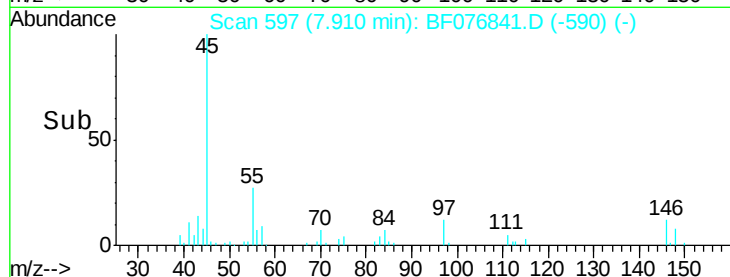
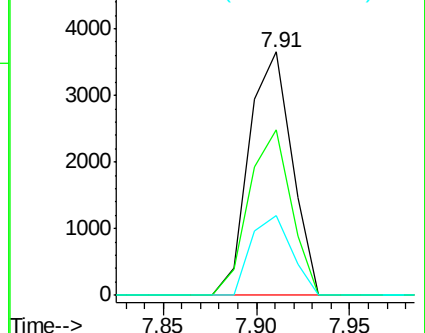
75 32.7 28.0 42.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0



#13

1,4-Dichlorobenzene

Concen: 14.09 ng

RT: 8.09 min Scan# 613

Delta R.T. -0.03 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

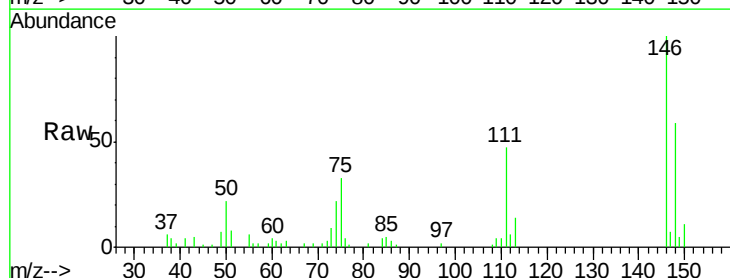
Tgt Ion:146 Resp: 42671

Ion Ratio Lower Upper

146 100

148 59.2 51.8 77.8

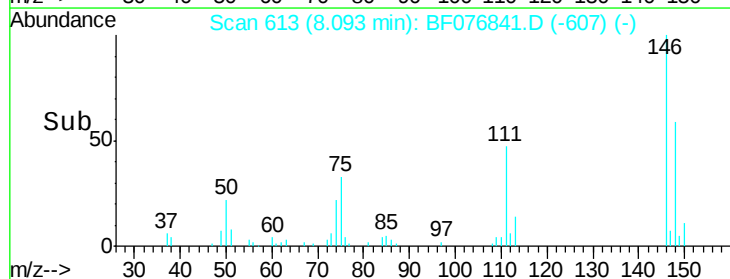
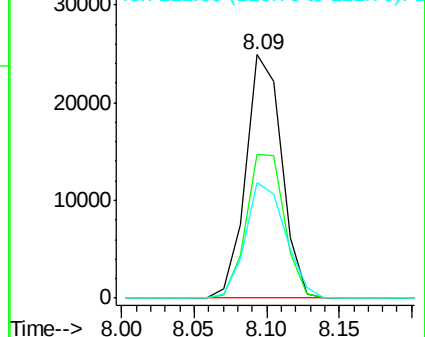
111 47.3 32.6 49.0

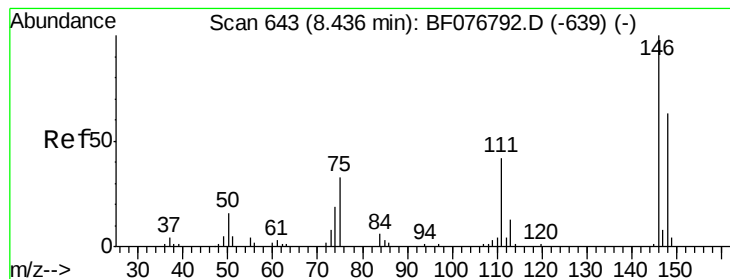


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 14.78 ng

RT: 8.41 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

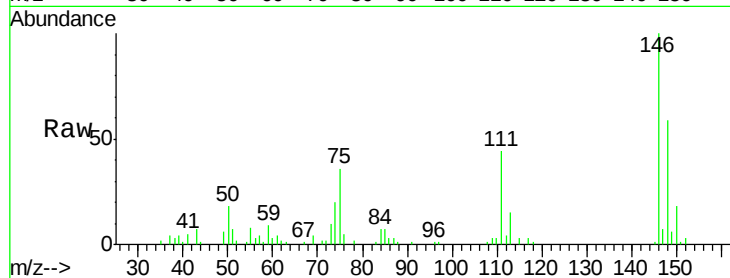
Tot Ion:146 Resp: 41690

Ion Ratio Lower Upper

146 100

148 58.9 50.2 75.2

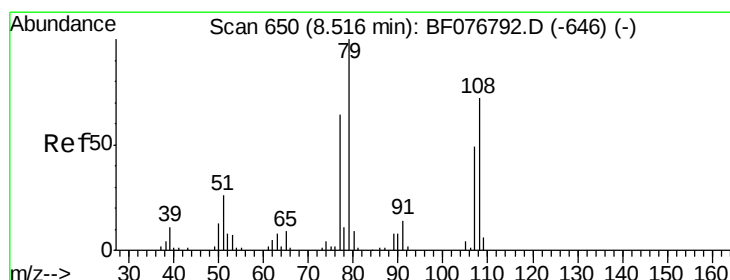
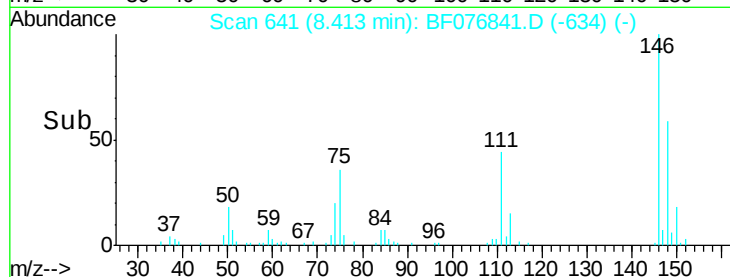
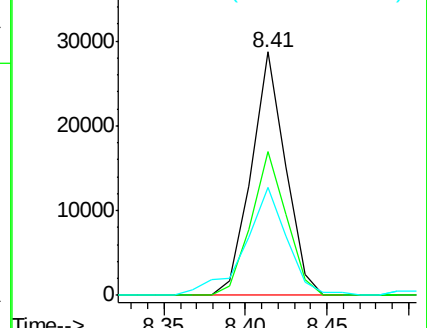
111 44.2 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 3.68 ng

RT: 8.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

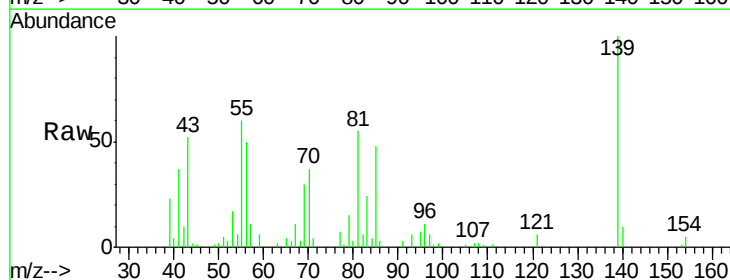
Tgt Ion: 79 Resp: 8466

Ion Ratio Lower Upper

79 100

108 14.6 57.4 86.0#

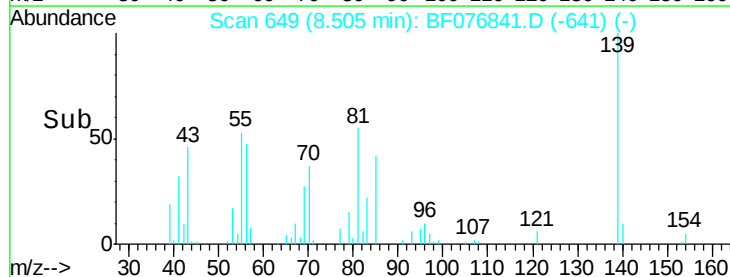
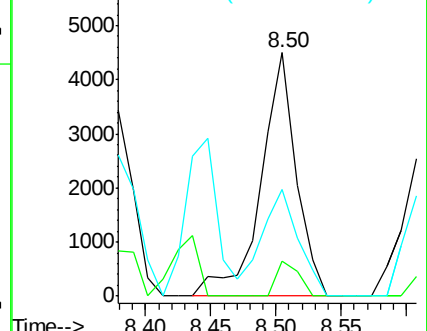
77 43.9 51.2 76.8#

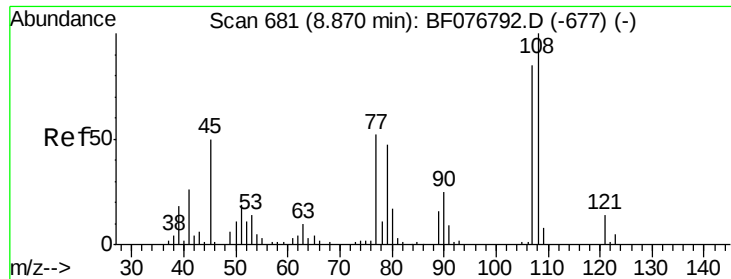


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

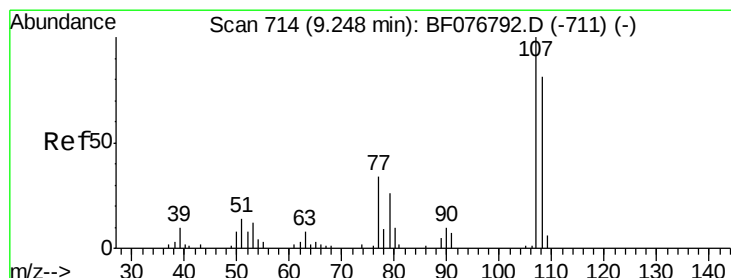
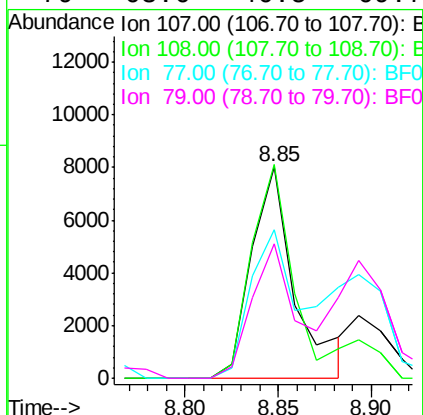
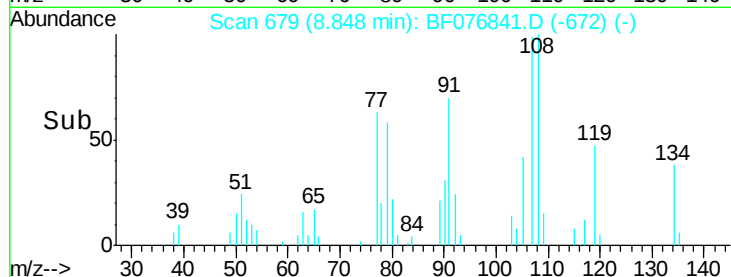
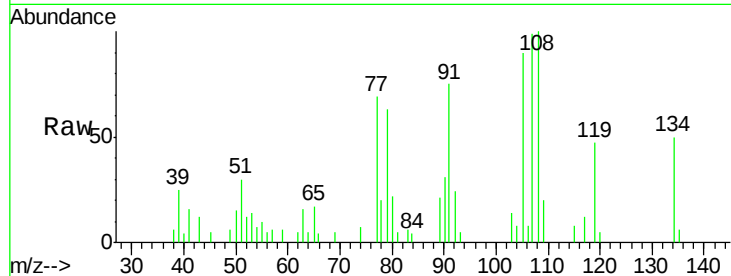




#17
2-Methylphenol
Concen: 6.32 ng
RT: 8.85 min Scan# 679
Delta R.T. -0.02 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

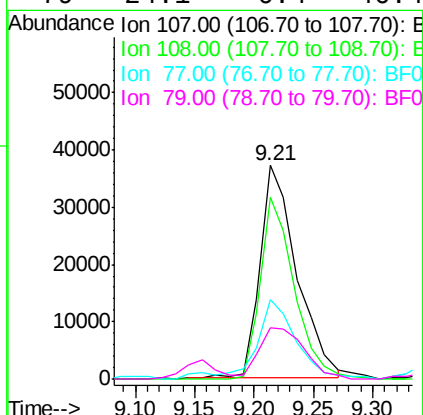
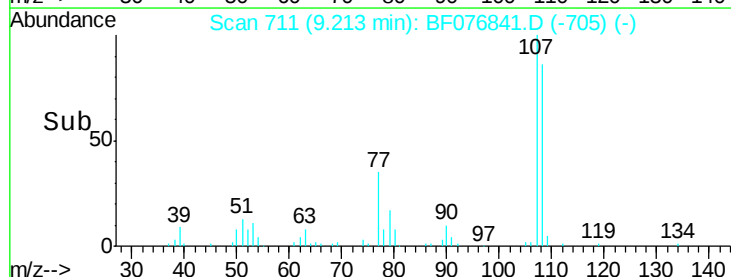
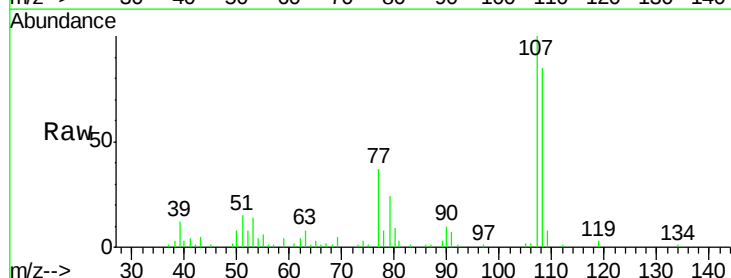
Instrument :
BNA_F
ClientSampleId :
SP-1A

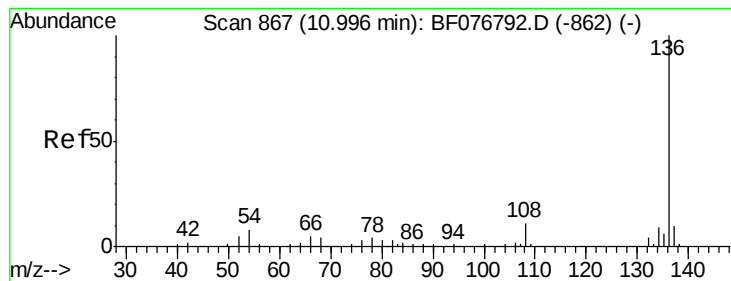
Tot Ion:	107	Resp:	13168
Ion	Ratio	Lower	Upper
107	100		
108	101.0	93.8	140.8
77	70.1	51.3	76.9
79	63.6	46.5	69.7



#20
3+4-Methylphenols
Concen: 28.89 ng
RT: 9.21 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Tgt Ion:	107	Resp:	79439
Ion	Ratio	Lower	Upper
107	100		
108	85.3	61.4	101.4
77	37.2	14.4	54.4
79	24.1	6.4	46.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.96 min Scan# 864

Delta R.T. -0.03 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

Tot Ion:136 Resp: 158132

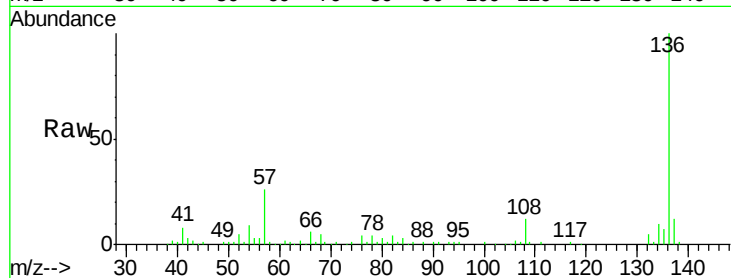
Ion Ratio Lower Upper

136 100

137 11.7 8.1 12.1

54 8.7 6.3 9.5

68 5.2 3.4 5.0#

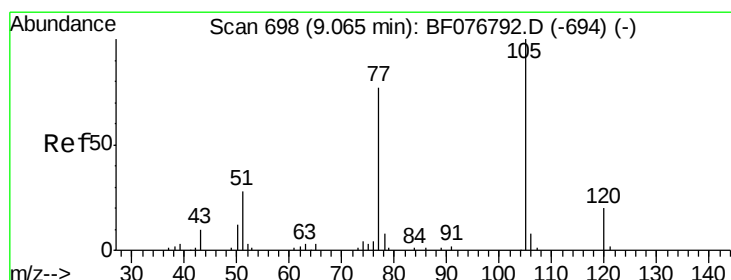
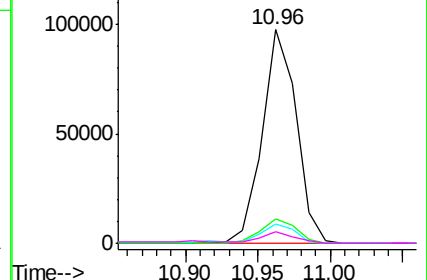
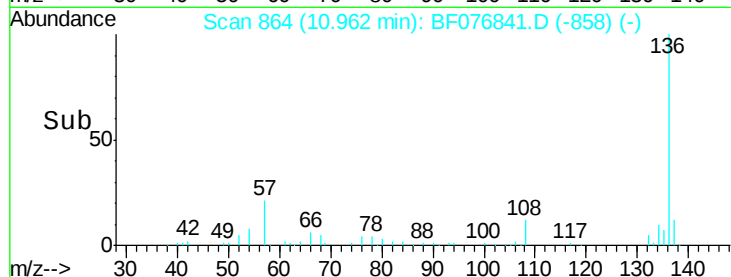


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 5.88 ng

RT: 9.01 min Scan# 693

Delta R.T. -0.06 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Tgt Ion:105 Resp: 22834

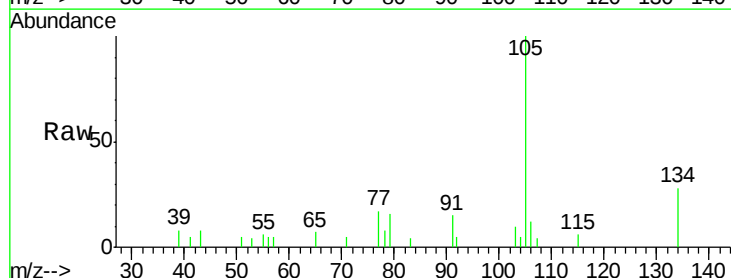
Ion Ratio Lower Upper

105 100

71 4.6 0.0 0.0#

51 4.7 22.2 33.2#

120 0.0 15.7 23.5#

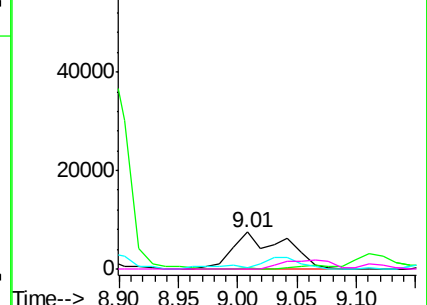
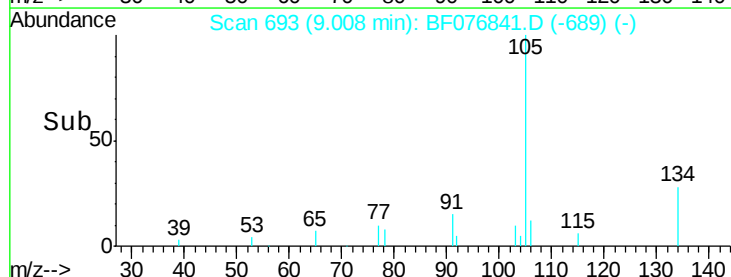


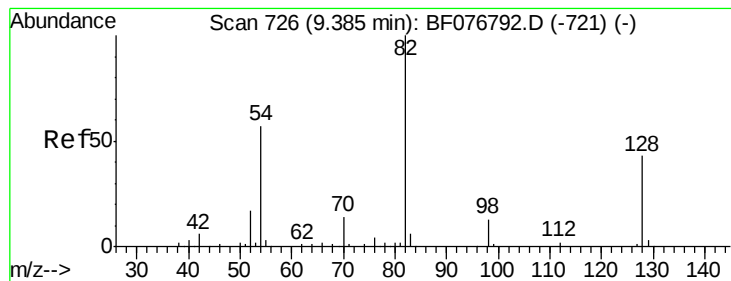
Abundance Ion 105.00 (104.70 to 105.70): E

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: 94.49 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

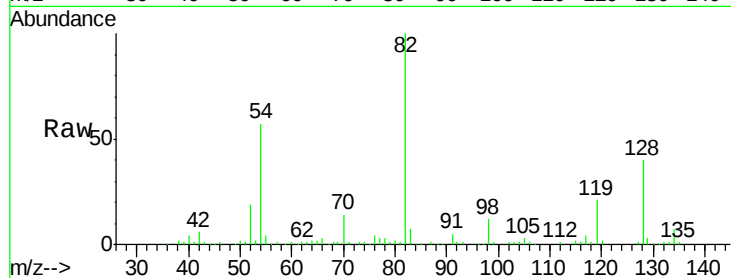
Tot Ion: 82 Resp: 268889

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

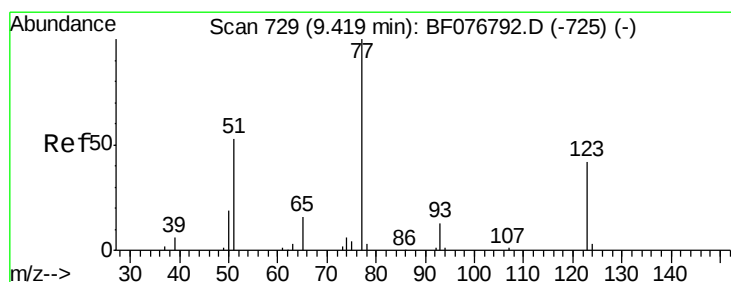
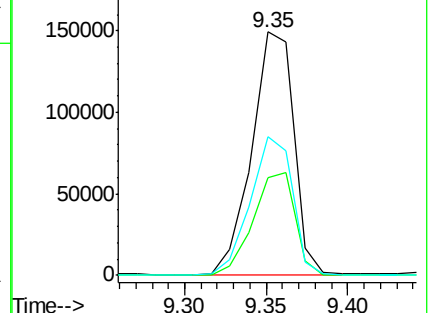
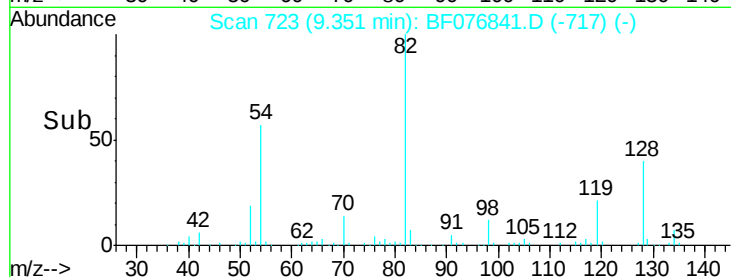
54 57.2 45.6 68.4



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



#24

Nitrobenzene

Concen: 3.35 ng

RT: 9.42 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

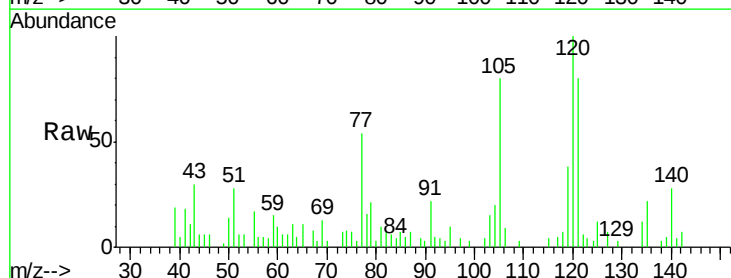
Tgt Ion: 77 Resp: 9637

Ion Ratio Lower Upper

77 100

123 7.3 33.3 49.9#

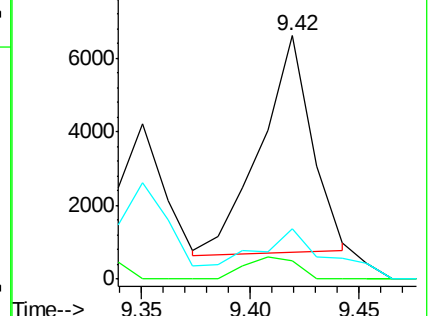
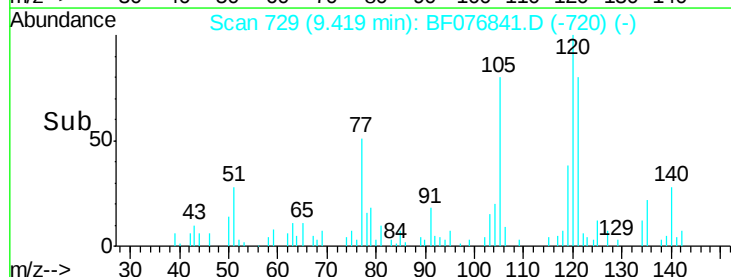
65 20.6 13.1 19.7#

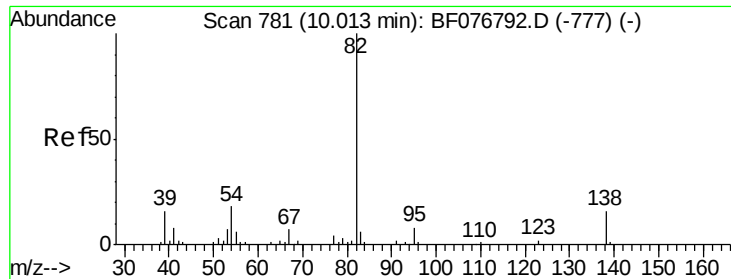


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 2.24 ng

RT: 10.02 min Scan# 782

Delta R.T. 0.01 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

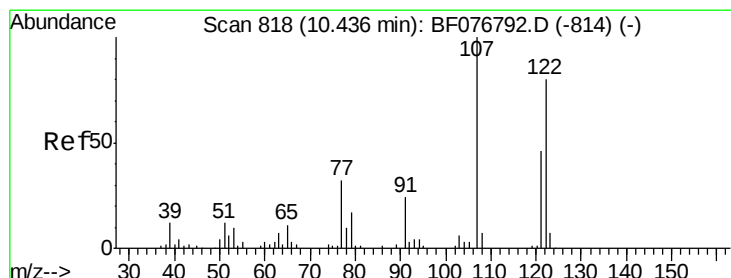
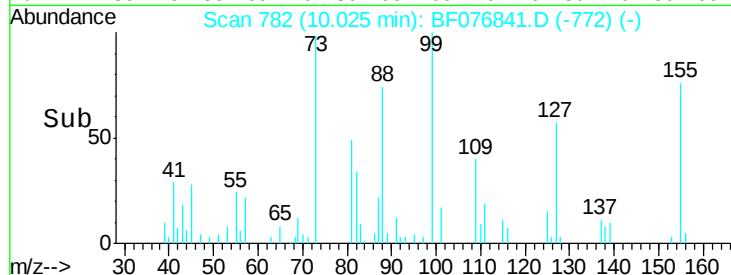
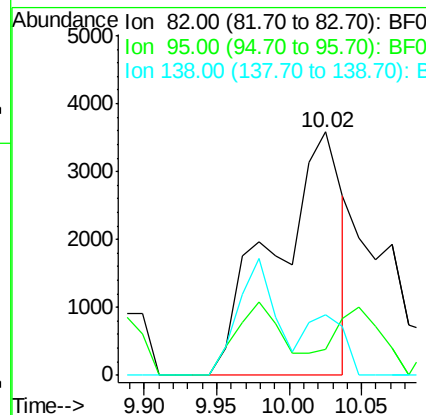
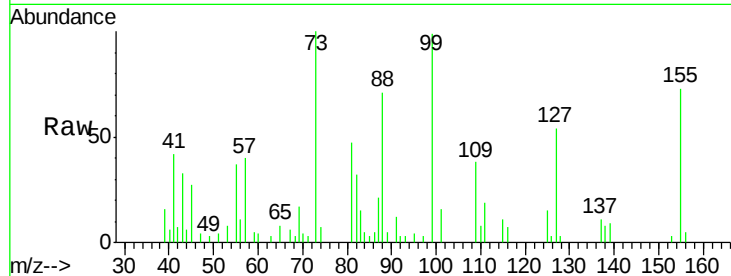
Tot Ion: 82 Resp: 11574

Ion Ratio Lower Upper

82 100

95 10.9 6.4 9.6#

138 24.9 13.0 19.4#



#27

2,4-Dimethylphenol

Concen: 9.15 ng

RT: 10.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

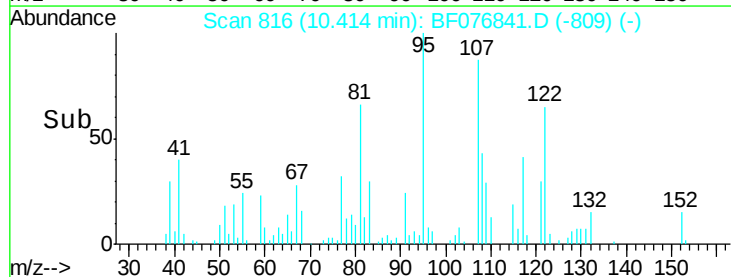
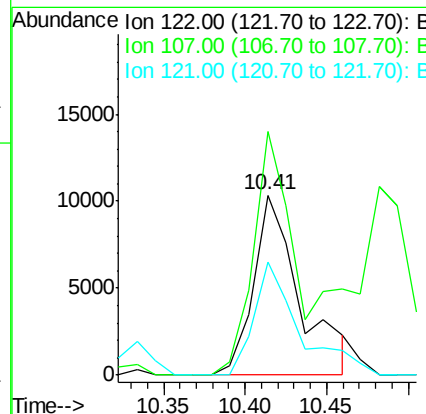
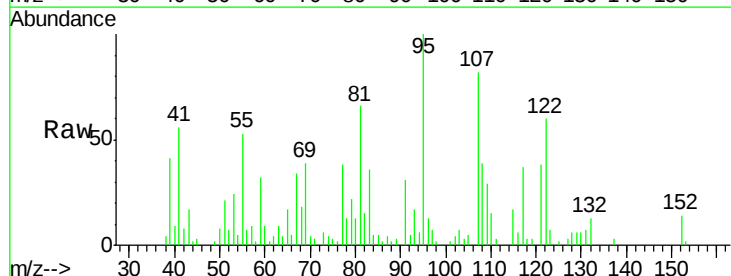
Tgt Ion: 122 Resp: 20441

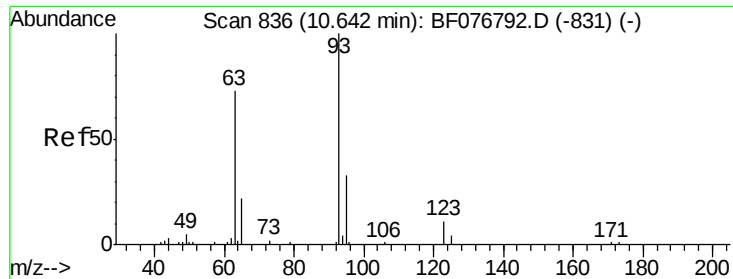
Ion Ratio Lower Upper

122 100

107 135.1 100.6 150.8

121 62.7 45.8 68.8

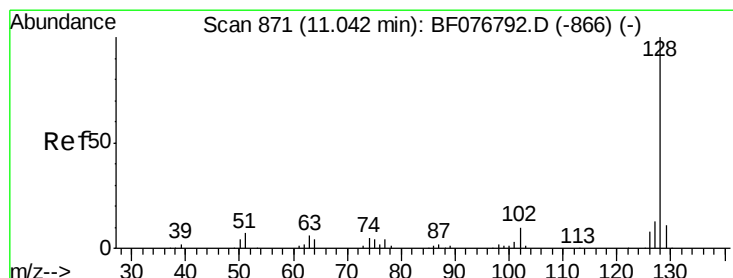
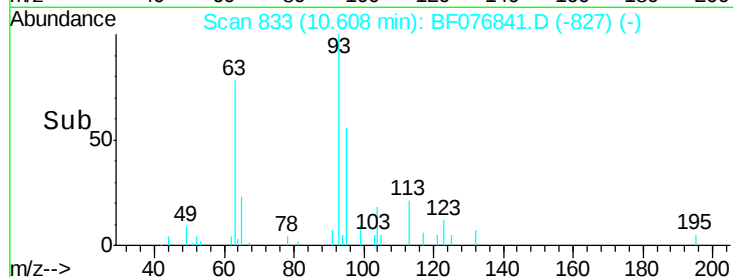
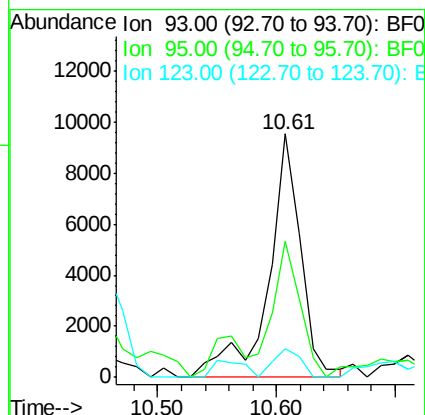
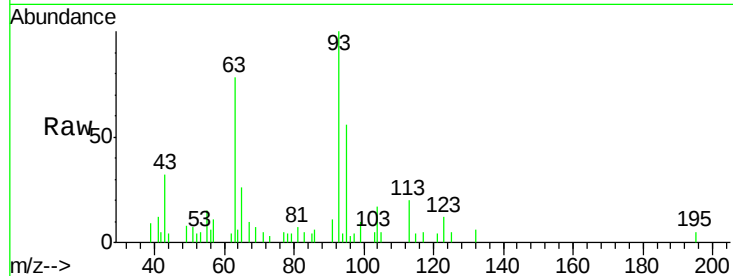




#28
bis(2-Chloroethoxy)methane
Concen: 5.93 ng
RT: 10.61 min Scan# 833
Delta R.T. -0.03 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

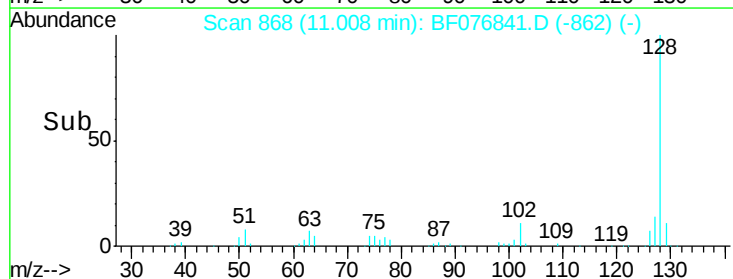
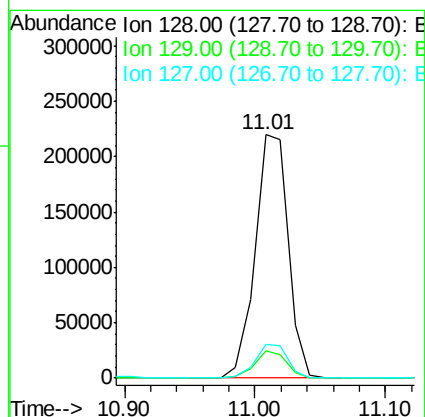
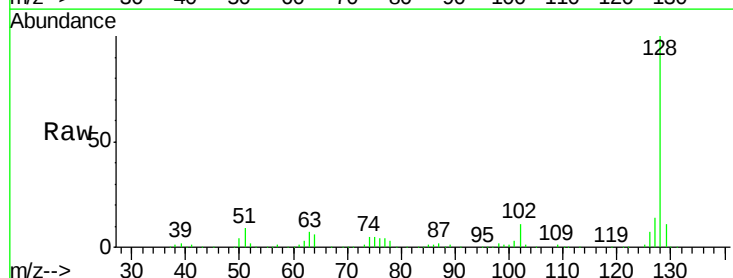
Instrument :
BNA_F
ClientSampleId :
SP-1A

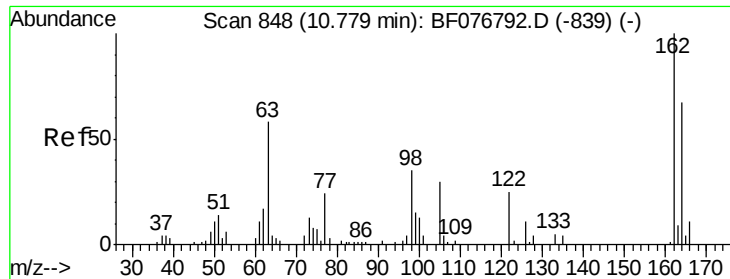
Tot Ion: 93 Resp: 18021
Ion Ratio Lower Upper
93 100
95 56.1 26.1 39.1#
123 11.5 9.0 13.6



#31
Naphthalene
Concen: 47.91 ng
RT: 11.01 min Scan# 868
Delta R.T. -0.03 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Tgt Ion: 128 Resp: 388664
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 14.0 10.1 15.1

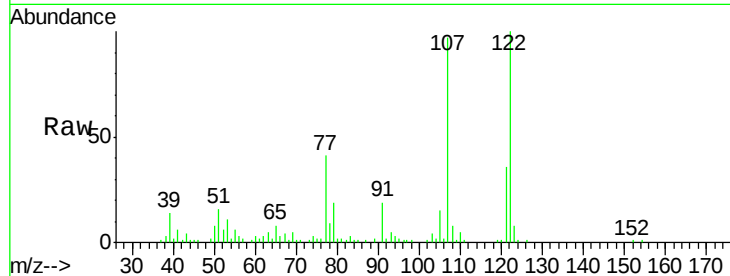




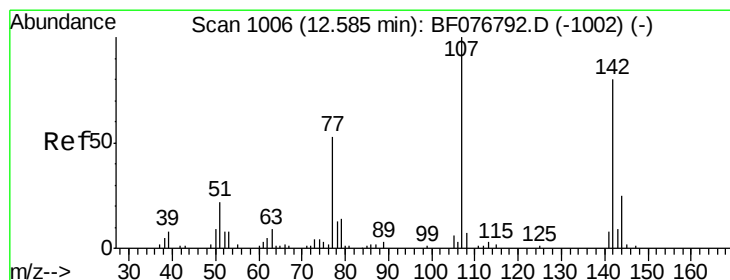
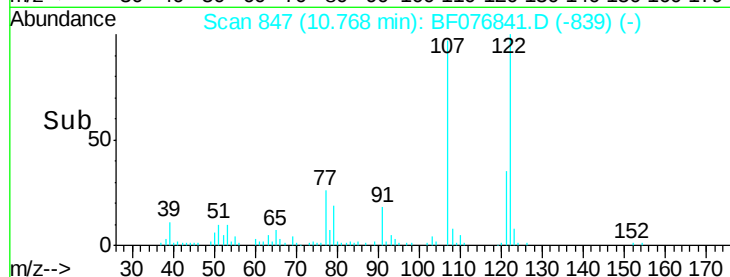
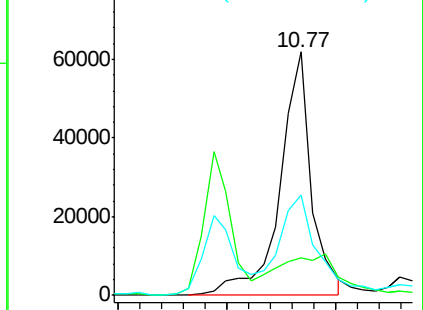
#32
Benzoic acid
Concen: 114.41 ng
RT: 10.77 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Instrument :
BNA_F
ClientSampleId :
SP-1A

Tot Ion:122 Resp: 124700
Ion Ratio Lower Upper
122 100
105 15.5 101.8 141.8#
77 41.0 76.0 116.0#

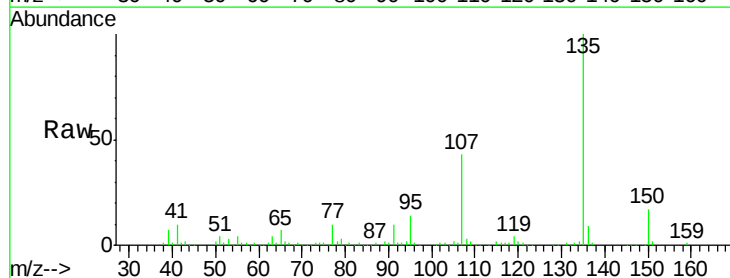


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

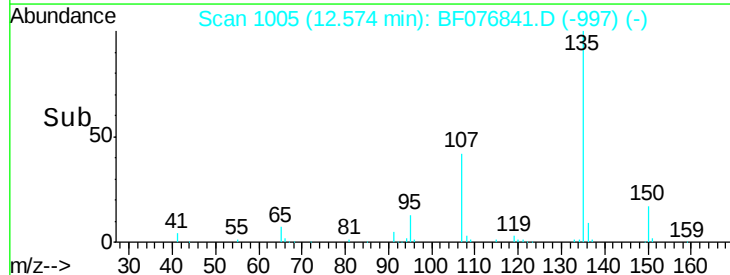
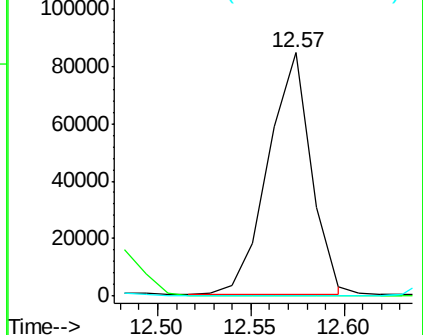


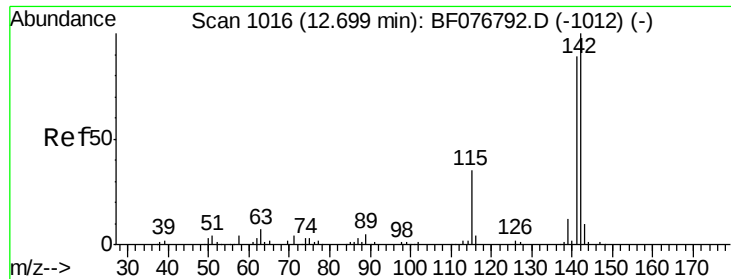
#36
4-Chloro-3-methylphenol
Concen: 57.03 ng
RT: 12.57 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Tgt Ion:107 Resp: 134444
Ion Ratio Lower Upper
107 100
144 0.0 19.8 29.8#
142 0.0 64.0 96.0#



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

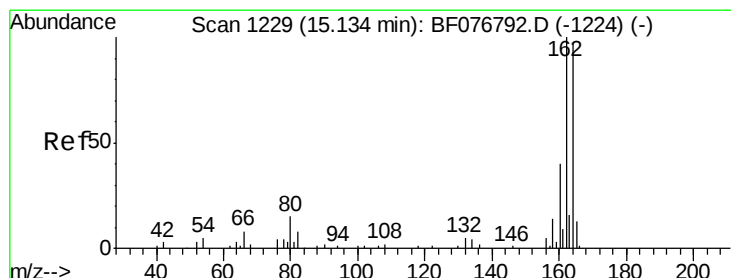
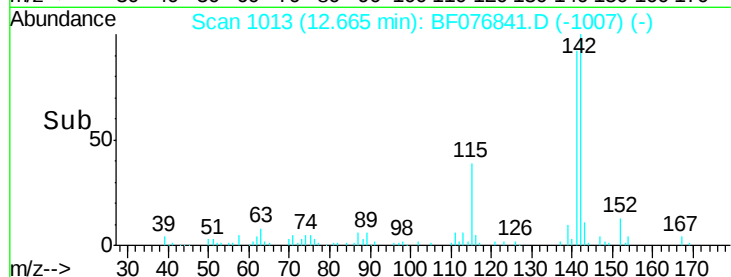
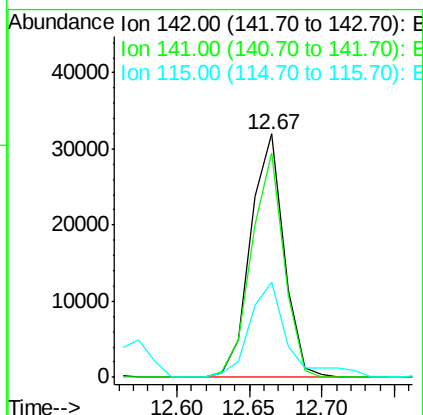
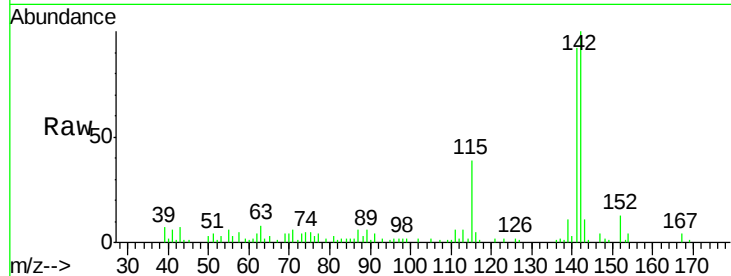




#37
2-Methylnaphthalene
Concen: 8.97 ng
RT: 12.67 min Scan# 1013
Delta R.T. -0.03 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

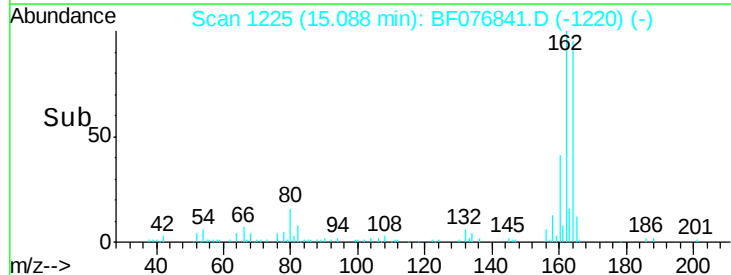
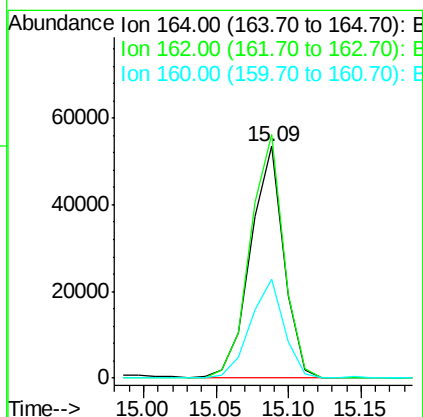
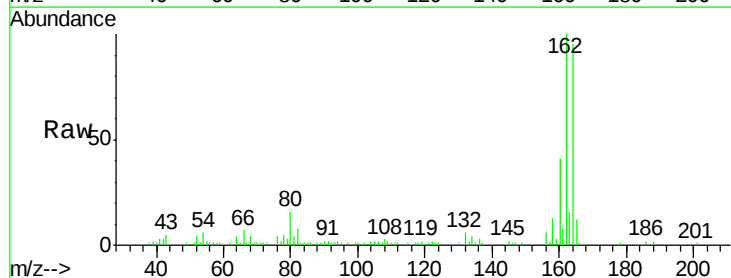
Instrument :
BNA_F
ClientSampleId :
SP-1A

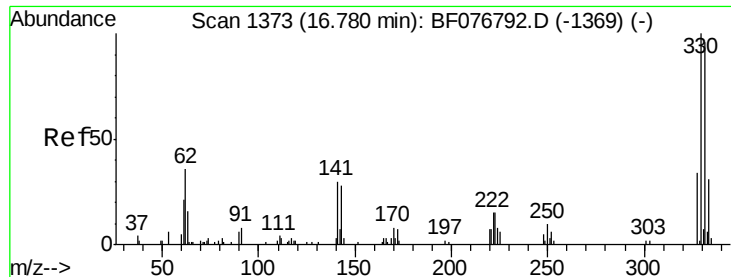
Tot Ion:142 Resp: 51074
Ion Ratio Lower Upper
142 100
141 92.2 71.0 106.4
115 39.0 28.2 42.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.09 min Scan# 1225
Delta R.T. -0.05 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Tgt Ion:164 Resp: 85276
Ion Ratio Lower Upper
164 100
162 105.0 82.5 123.7
160 42.7 33.1 49.7

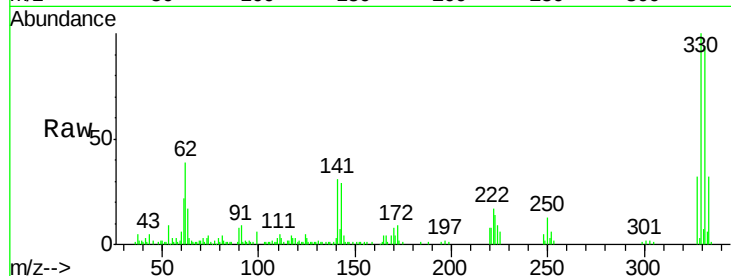




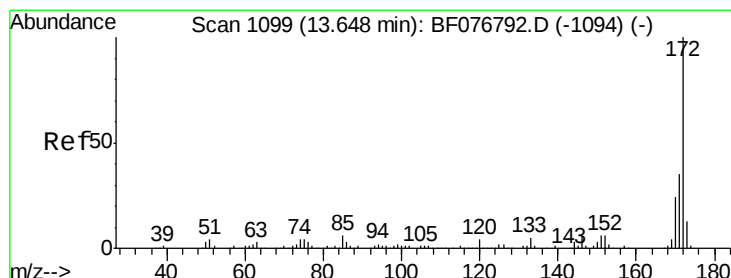
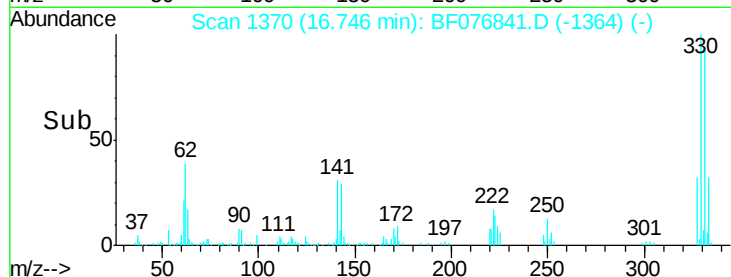
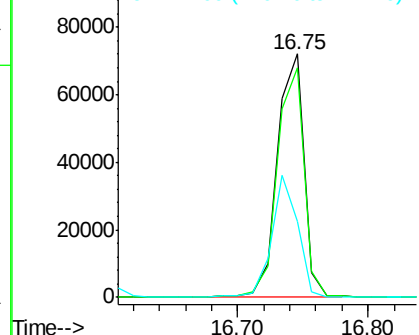
#41
 2,4,6-Tribromophenol
 Concen: 146.02 ng
 RT: 16.75 min Scan# 1370
 Delta R.T. -0.03 min
 Lab File: BF076841.D
 Acq: 13 Jan 2015 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	74.8	112.2
141	48.7	42.4	63.6

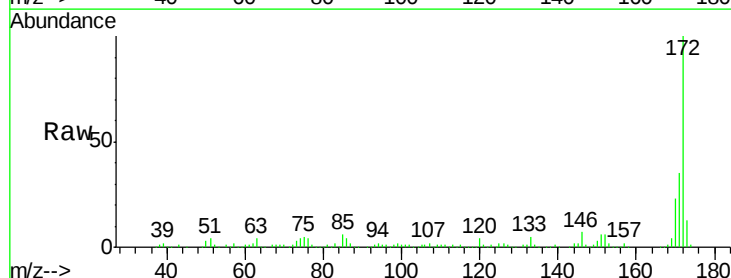


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

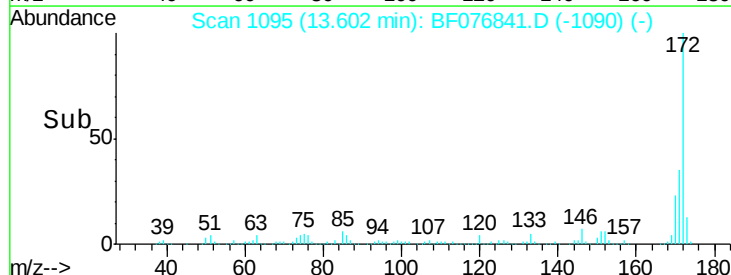
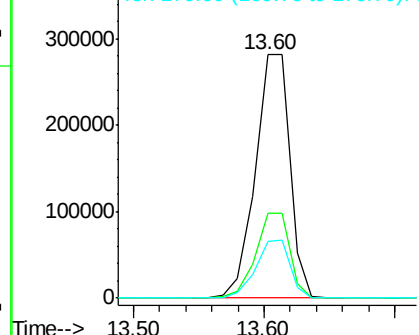


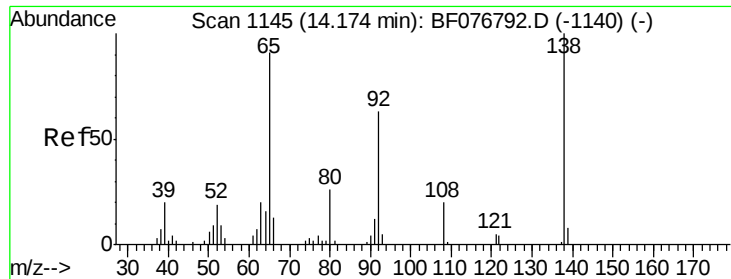
#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 13.60 min Scan# 1095
 Delta R.T. -0.05 min
 Lab File: BF076841.D
 Acq: 13 Jan 2015 13:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.8	41.8
170	23.5	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

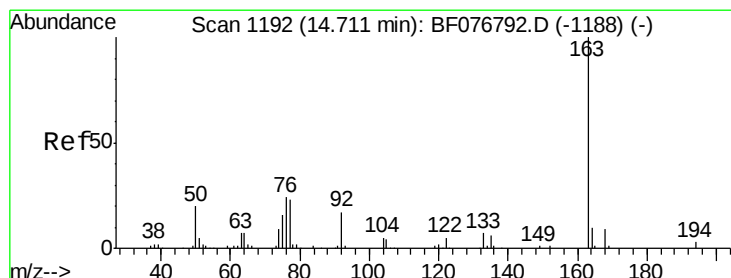
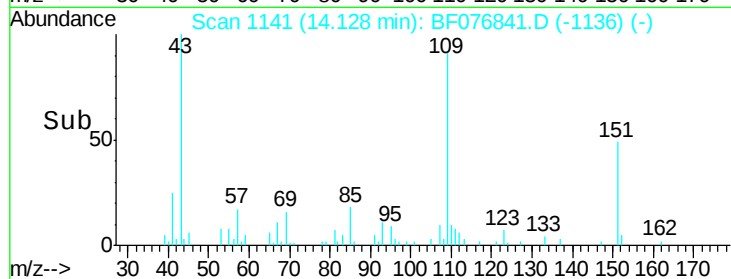
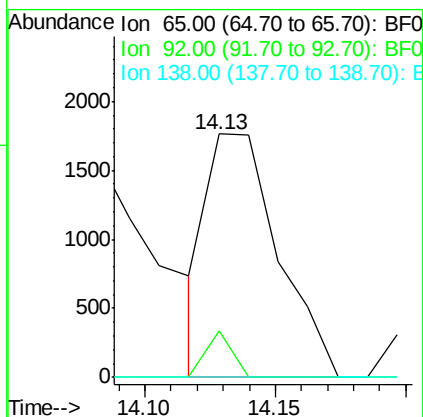
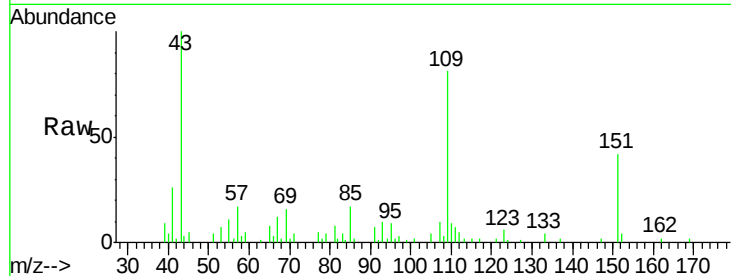




#47
2-Nitroaniline
Concen: 2.13 ng
RT: 14.13 min Scan# 1141
Delta R.T. -0.05 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

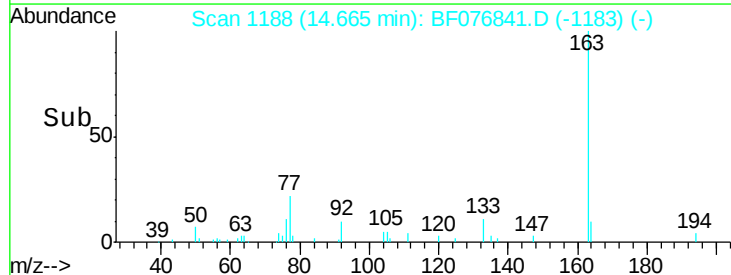
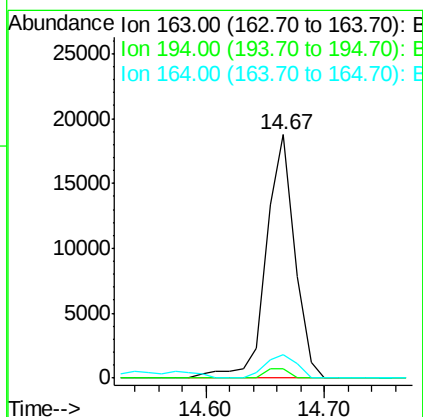
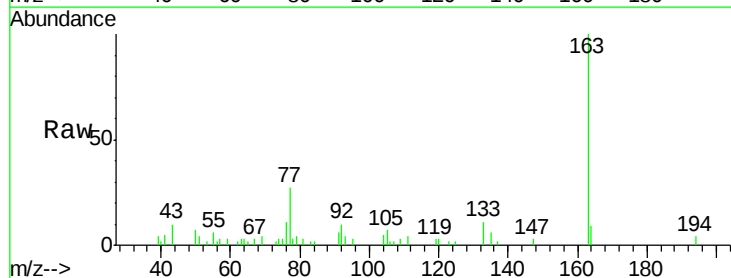
Instrument :
BNA_F
ClientSampleId :
SP-1A

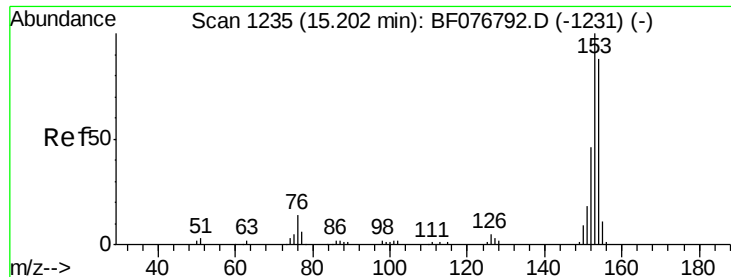
Tot Ion: 65 Resp: 3343
Ion Ratio Lower Upper
65 100
92 19.0 56.0 84.0#
138 0.0 88.2 132.4#



#49
Dimethylphthalate
Concen: 5.04 ng
RT: 14.67 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF076841.D
Acq: 13 Jan 2015 13:24

Tgt Ion: 163 Resp: 31218
Ion Ratio Lower Upper
163 100
194 4.0 2.3 3.5#
164 9.5 8.3 12.5





#51

Acenaphthene

Concen: 2.76 ng

RT: 15.16 min Scan# 1231

Delta R.T. -0.05 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

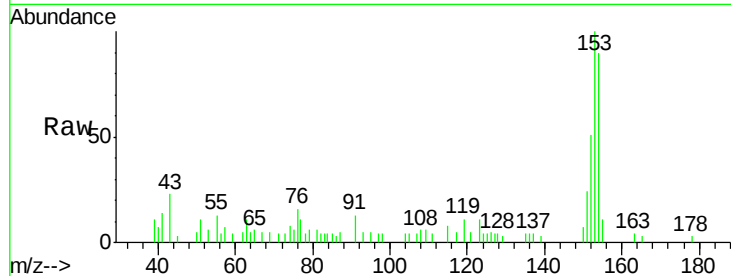
Tot Ion:154 Resp: 13930

Ion Ratio Lower Upper

154 100

153 110.5 91.0 136.6

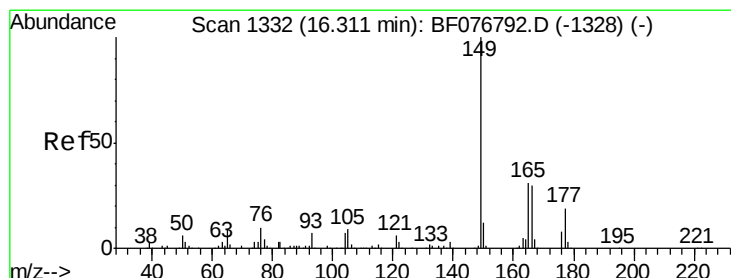
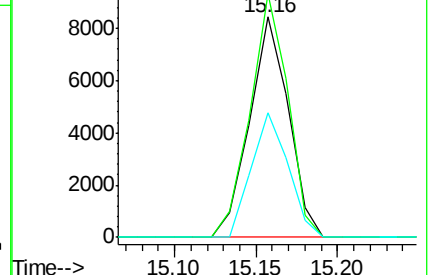
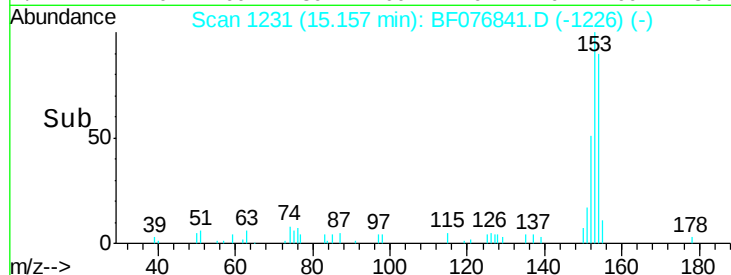
152 56.4 42.2 63.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#59

Diethylphthalate

Concen: 4.48 ng

RT: 16.27 min Scan# 1328

Delta R.T. -0.05 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

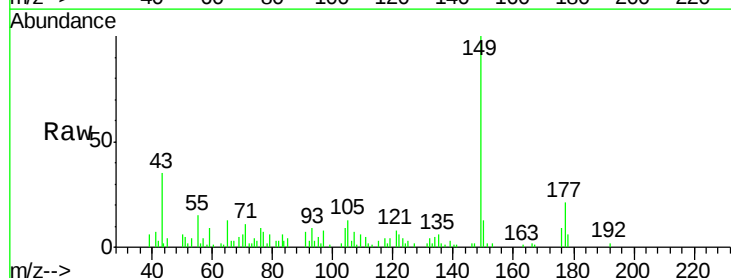
Tgt Ion:149 Resp: 28598

Ion Ratio Lower Upper

149 100

177 21.4 15.4 23.2

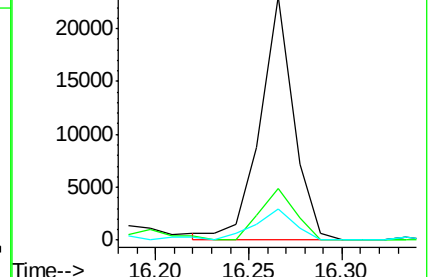
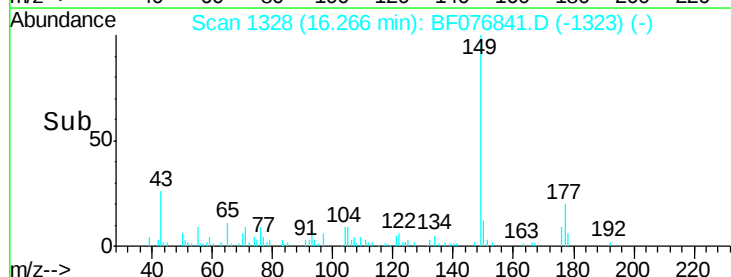
150 12.8 9.4 14.0

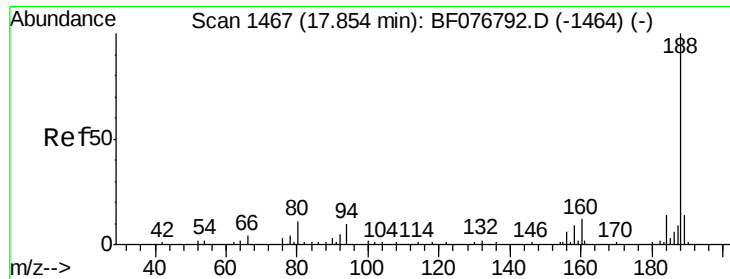


Abundance Ion 149.00 (148.70 to 149.70): E

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: 17.82 min Scan# 1464

Delta R.T. -0.03 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

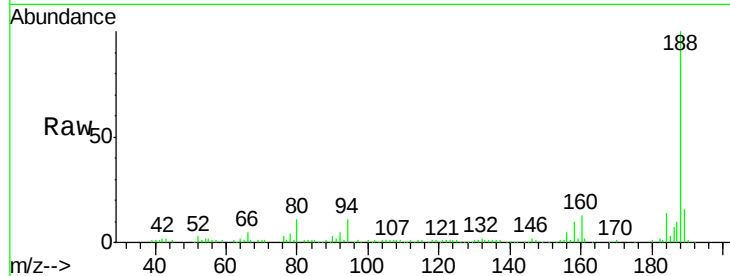
Tot Ion:188 Resp: 141730

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

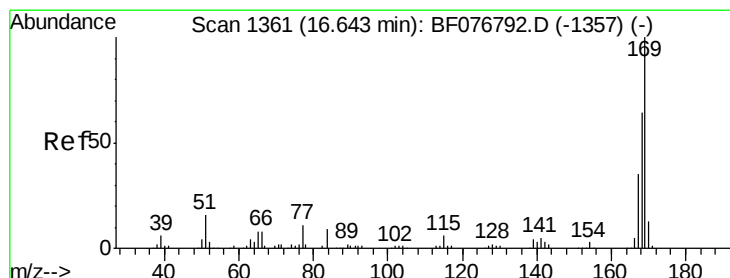
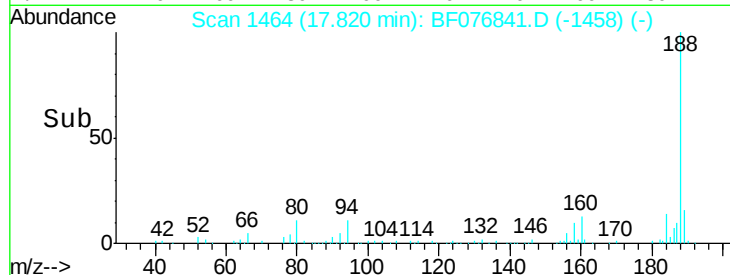
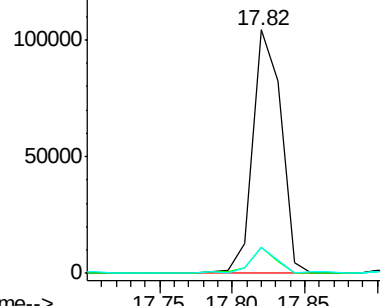
80 10.8 8.6 13.0



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



#65

n-Nitrosodiphenylamine

Concen: 13.45 ng

RT: 16.61 min Scan# 1358

Delta R.T. -0.03 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

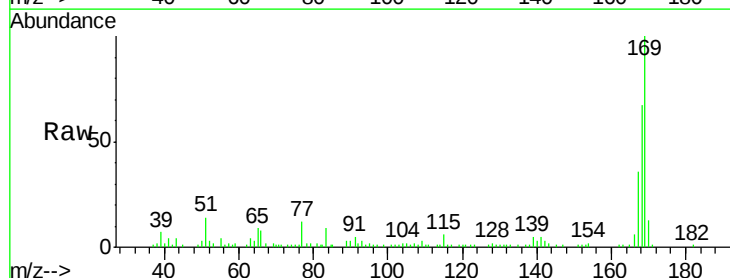
Tgt Ion:169 Resp: 69232

Ion Ratio Lower Upper

169 100

168 67.0 51.2 76.8

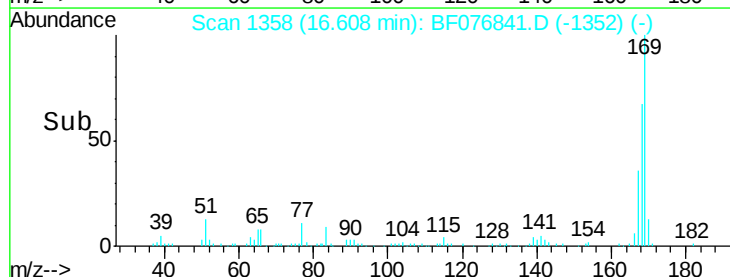
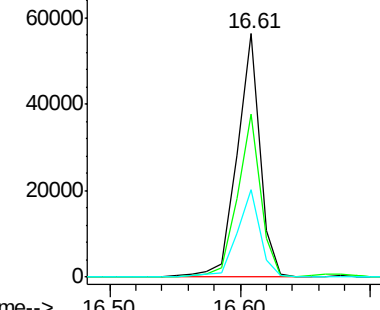
167 35.7 28.2 42.2

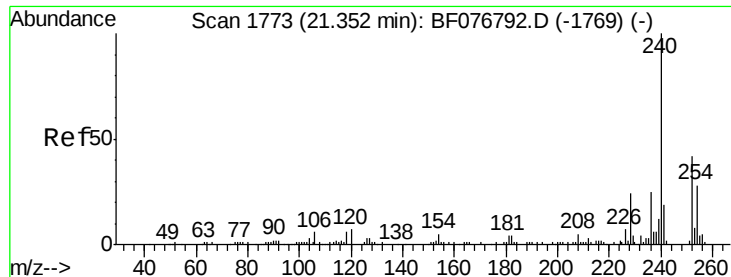


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. -0.05 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

Instrument :

BNA_F

ClientSampleId :

SP-1A

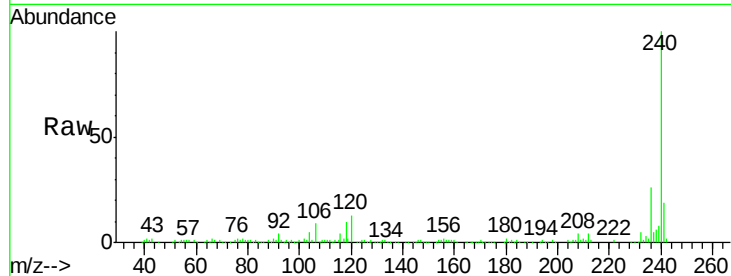
Tot Ion:240 Resp: 129675

Ion Ratio Lower Upper

240 100

120 12.7 5.7 8.5#

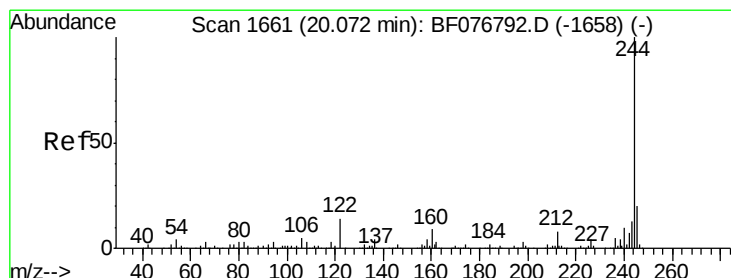
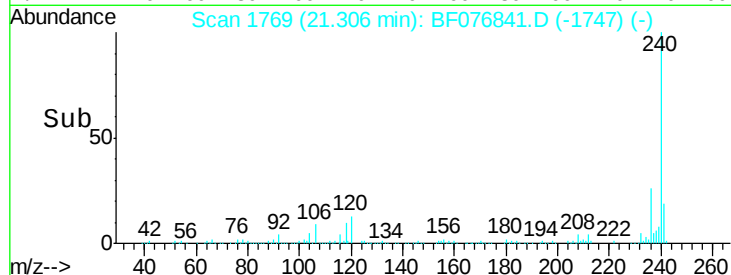
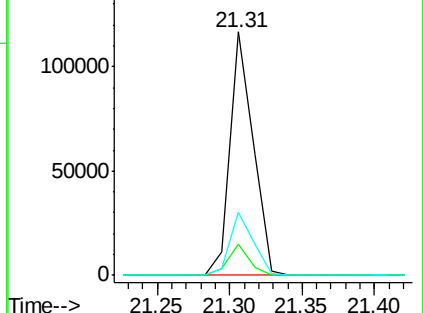
236 26.2 19.7 29.5



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: 79.73 ng

RT: 20.05 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BF076841.D

Acq: 13 Jan 2015 13:24

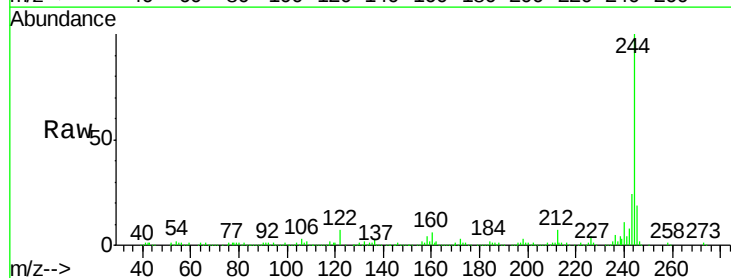
Tgt Ion:244 Resp: 470897

Ion Ratio Lower Upper

244 100

212 6.8 6.2 9.2

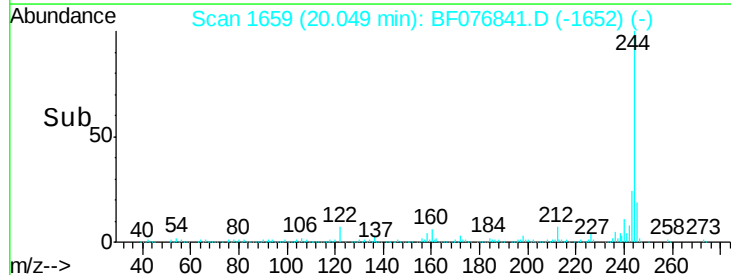
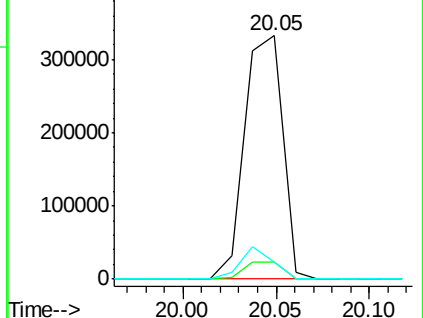
122 7.0 11.3 16.9#

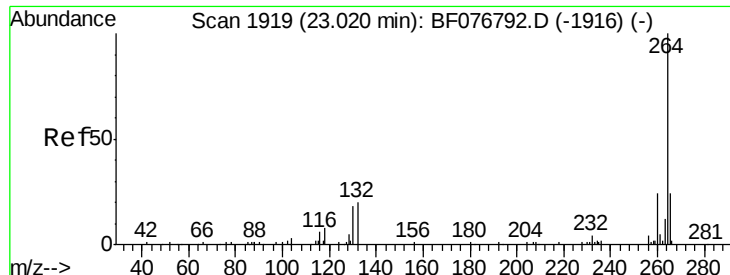


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

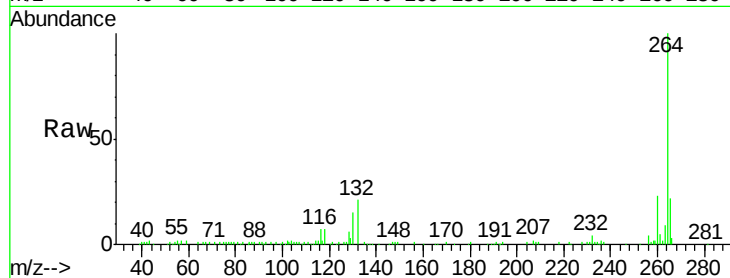




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.02 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BF076841.D
 Acq: 13 Jan 2015 13:24

Instrument :
 BNA_F
 ClientSampleId :
 SP-1A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	22.4	18.9	28.3



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

