

Data Path : Z:\HPCHEM1\BNA F\Data\BF012615\
 Data File : BF077076.D
 Acq On : 27 Jan 2015 6:32
 Operator : TP/IZ
 Sample : G1137-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 28 04:58:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 28 04:24:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	22951	20.00	ng	0.02
21) Naphthalene-d8	10.71	136	61834	20.00	ng	0.03
38) Acenaphthene-d10	14.81	164	1357	20.00	ng	0.01
63) Phenanthrene-d10	17.65	188	3004	20.00	ng	0.01
75) Chrysene-d12	21.16	240	81370	20.00	ng	0.02
86) Perylene-d12	22.80	264	76846	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	4.79	112	140125	100.38	ng	-0.01
7) Phenol-d6	7.18	99	171759	97.54	ng	0.00
23) Nitrobenzene-d5	9.09	82	98459	88.22	ng	0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.29	172	6551	73.47	ng	-0.03
78) Terphenyl-d14	19.92	244	220494	62.38	ng	0.05

Target Compounds						Qvalue
9) Benzaldehyde	6.93	77	69241	88.68	ng	# 1
10) Phenol	7.21	94	6180	3.30	ng	# 1
15) Benzyl Alcohol	8.44	79	19051	13.37	ng	# 18
17) 2-Methylphenol	8.62	107	5414	4.12	ng	# 1
18) Hexachloroethane	8.94	117	36616	54.22	ng	# 1
19) n-Nitroso-di-n-propylamine	8.88	70	14563	11.81	ng	# 50
22) Acetophenone	8.74	105	633453	418.25	ng	# 56
24) Nitrobenzene	9.10	77	94072	82.74	ng	# 26
26) 2-Nitrophenol	9.86	139	3349	7.31	ng	# 1
28) bis(2-Chloroethoxy)methane	10.43	93	2620	2.27	ng	# 1
29) 2,4-Dichlorophenol	10.54	162	13305	16.24	ng	# 1
31) Naphthalene	10.77	128	355444	111.65	ng	# 66
32) Benzoic acid	10.55	122	6107	12.54	ng	# 1
33) 4-Chloroaniline	11.03	127	34231	26.61	ng	# 34
35) Caprolactam	11.85	113	9145	37.91	ng	# 1
36) 4-Chloro-3-methylphenol	12.36	107	11083	11.81	ng	# 39
42) 2,4,6-Trichlorophenol	13.10	196	2330	95.32	ng	# 15
43) 2,4,5-Trichlorophenol	13.27	196	521	20.90	ng	# 1
48) Acenaphthylene	14.48	152	169908	1216.78	ng	# 1
49) Dimethylphthalate	14.41	163	2035	21.15	ng	# 1
50) 2,6-Dinitrotoluene	14.55	165	16309	848.23	ng	# 83
51) Acenaphthene	14.83	154	14673	185.20	ng	# 60
53) 2,4-Dinitrophenol	15.16	184	2610	258.52	ng	# 1
54) Dibenzofuran	15.33	168	18910	163.85	ng	# 1
57) Fluorene	16.07	166	13110	134.08	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.67	232	638	35.14	ng	# 31
59) Diethylphthalate	16.01	149	6115	62.87	ng	# 2
61) 4-Nitroaniline	16.17	138	4540	183.18	ng	# 60
62) Azobenzene	16.47	77	45873	452.67	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.32	198	2072	103.24	ng	# 1
65) n-Nitrosodiphenylamine	16.37	169	39576	369.48	ng	# 73
66) 4-Bromophenyl-phenylether	17.03	248	948	31.15	ng	# 1
68) Atrazine	17.37	200	21135	650.24	ng	# 17
70) Phenanthrene	17.77	178	1126696	6014.37	ng	# 93

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Instrument :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 28 04:24:51 2015
Response via : Initial Calibration

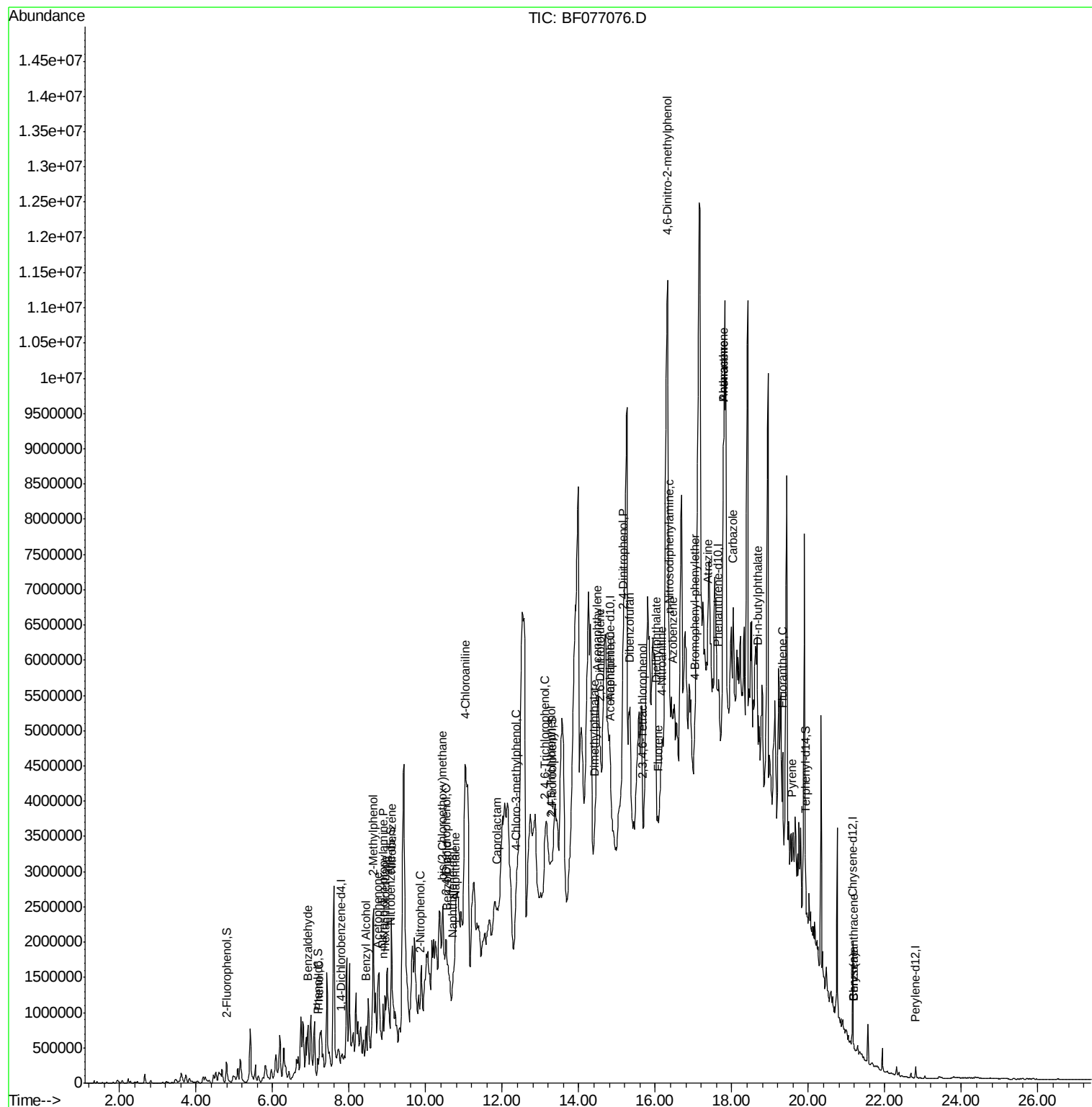
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) Anthracene	17.77	178	1126696	6167.58	nq	# 92
72) Carbazole	18.04	167	13155	74.25	nq	# 1
73) Di-n-butylphthalate	18.67	149	5680	27.69	nq	# 1
74) Fluoranthene	19.33	202	49203	256.32	nq	# 1
77) Pyrene	19.58	202	14595	2.62	nq	# 26
80) Benzo(a)anthracene	21.19	228	21584	4.23	nq	# 27
82) Chrysene	21.19	228	21584	4.64	nq	# 30

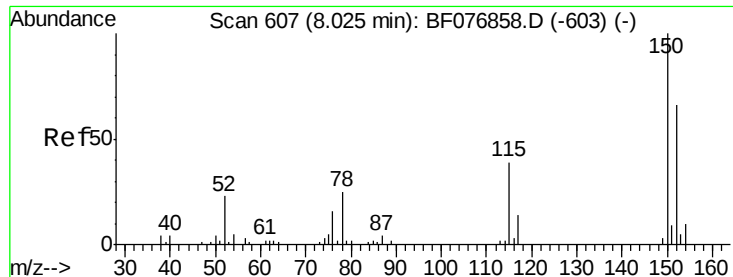
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : G1137-01
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Jan 28 04:58:49 2015
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QLast Update : Wed Jan 28 04:24:51 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 586

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

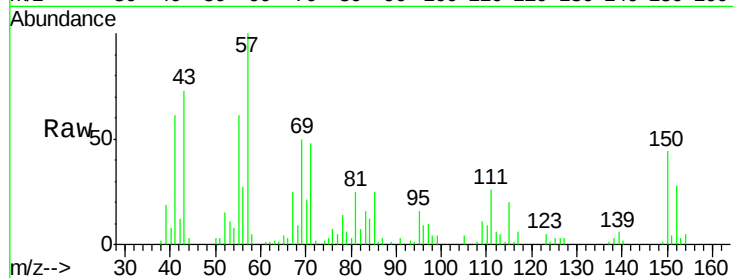
Tot Ion:152 Resp: 22951

Ion Ratio Lower Upper

152 100

150 158.5 121.7 182.5

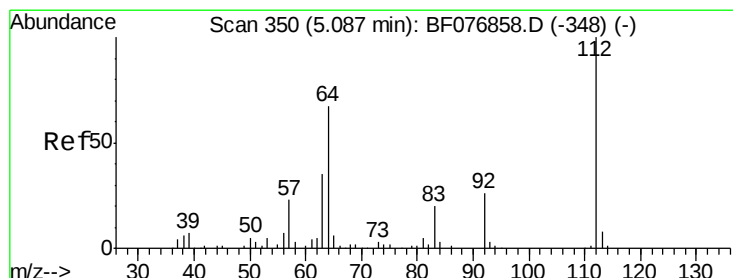
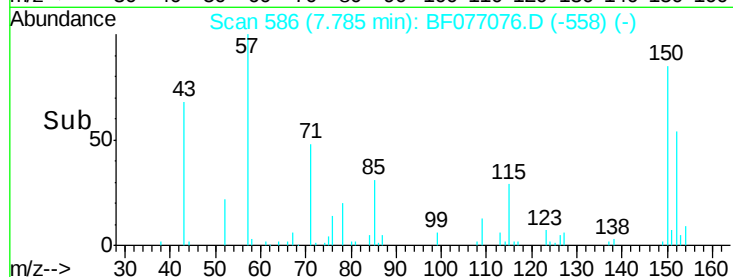
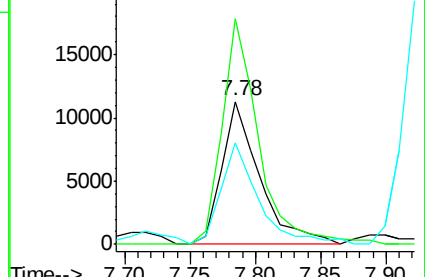
115 71.1 47.0 70.6#



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: 100.38 ng

RT: 4.79 min Scan# 324

Delta R.T. -0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

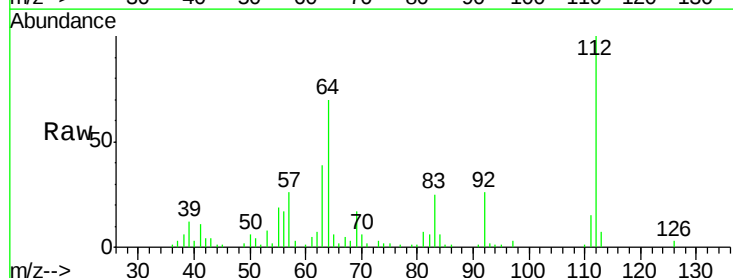
Tgt Ion:112 Resp: 140125

Ion Ratio Lower Upper

112 100

64 70.2 54.2 81.4

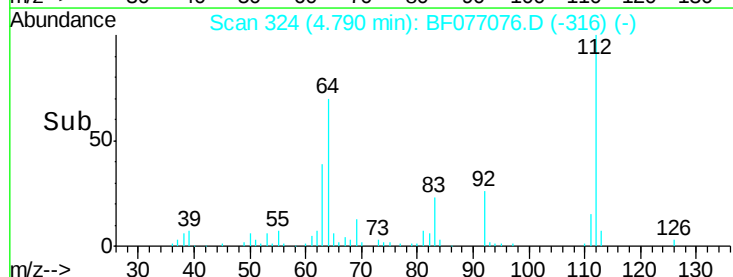
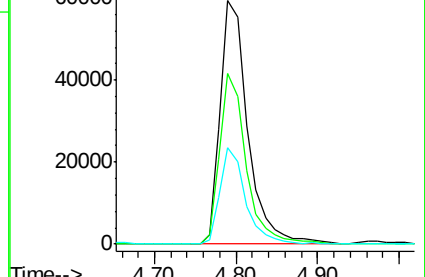
63 39.5 28.4 42.6

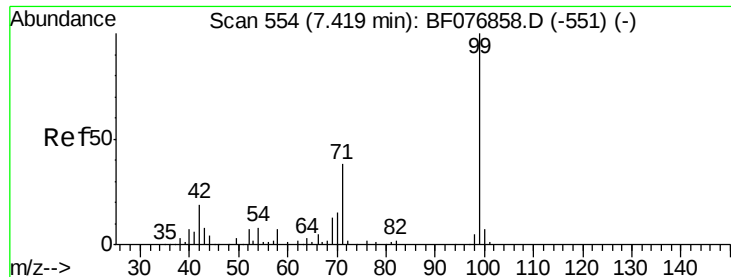


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.54 ng

RT: 7.18 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

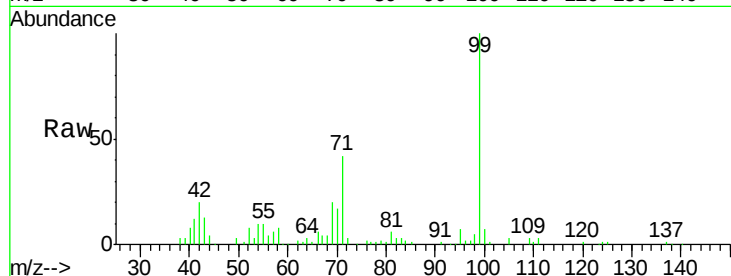
Tot Ion: 99 Resp: 171759

Ion Ratio Lower Upper

99 100

42 19.6 15.0 22.4

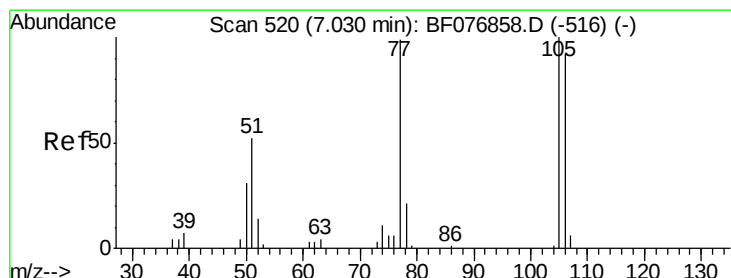
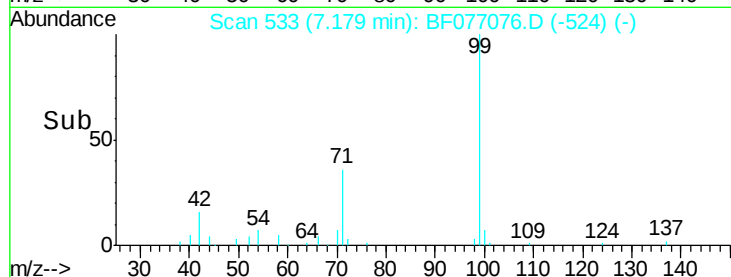
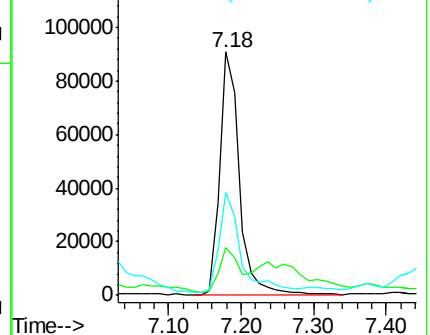
71 42.3 30.5 45.7



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: 88.68 ng

RT: 6.93 min Scan# 511

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

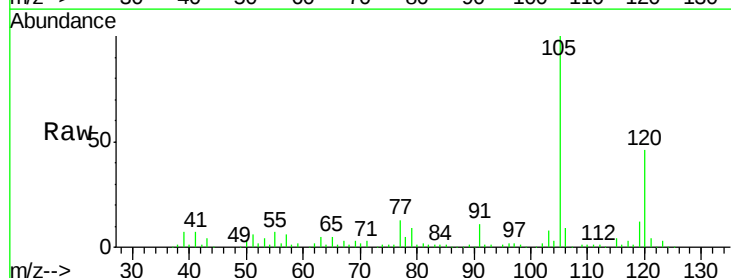
Tgt Ion: 77 Resp: 69241

Ion Ratio Lower Upper

77 100

105 779.7 81.4 121.4#

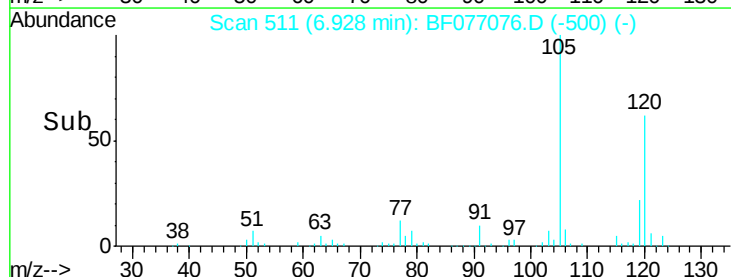
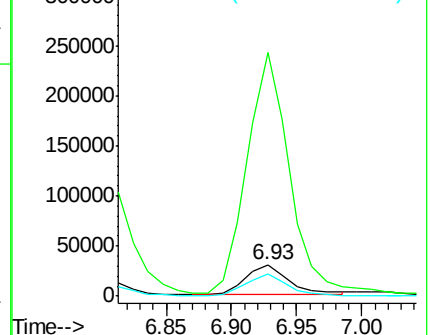
106 69.5 72.8 112.8#

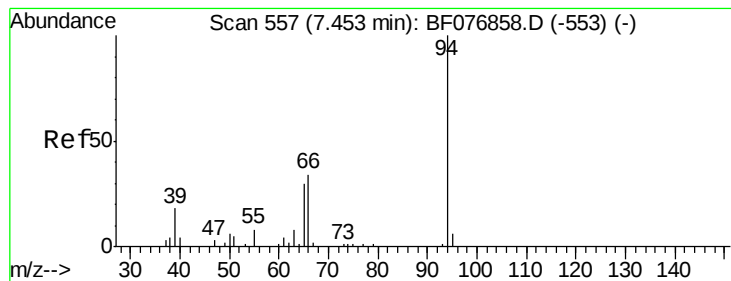


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 3.30 ng

RT: 7.21 min Scan# 536

Delta R.T. -0.05 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

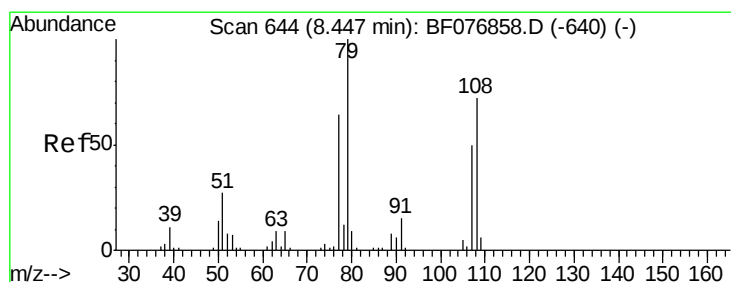
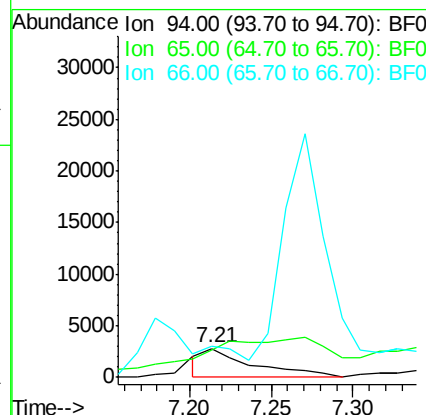
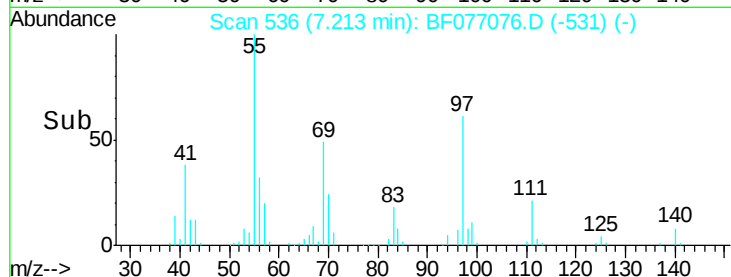
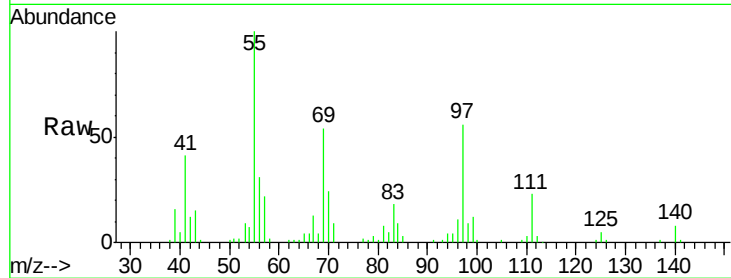
Tot Ion: 94 Resp: 6180

Ion Ratio Lower Upper

94 100

65 93.7 11.3 51.3#

66 106.0 19.5 59.5#



#15

Benzyl Alcohol

Concen: 13.37 ng

RT: 8.44 min Scan# 643

Delta R.T. 0.03 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

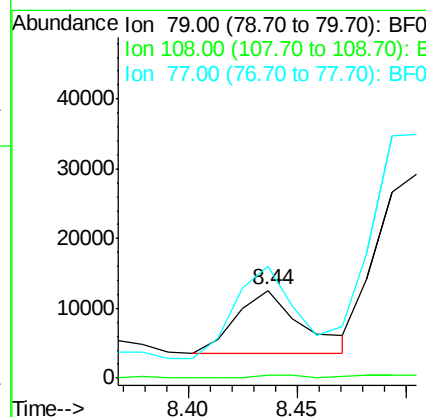
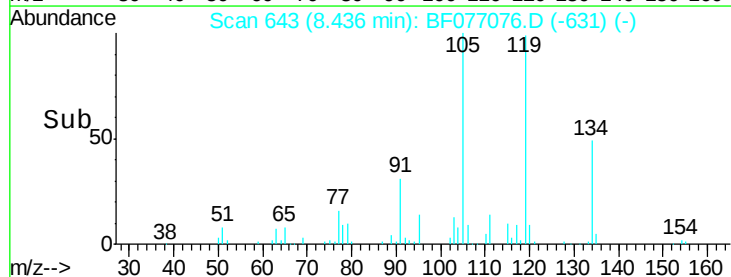
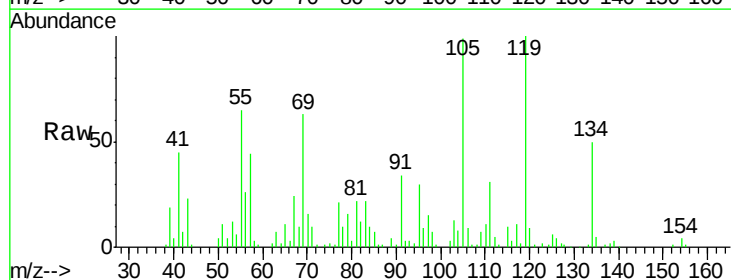
Tgt Ion: 79 Resp: 19051

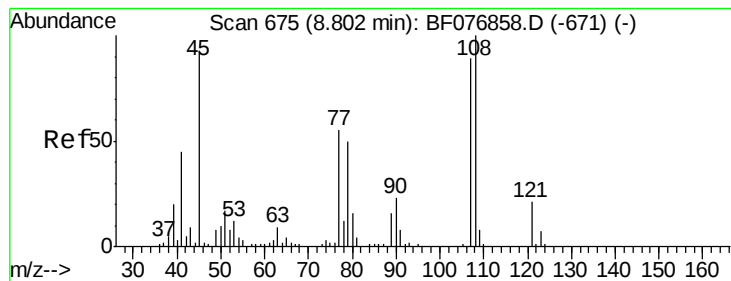
Ion Ratio Lower Upper

79 100

108 3.4 57.2 85.8#

77 127.9 51.2 76.8#

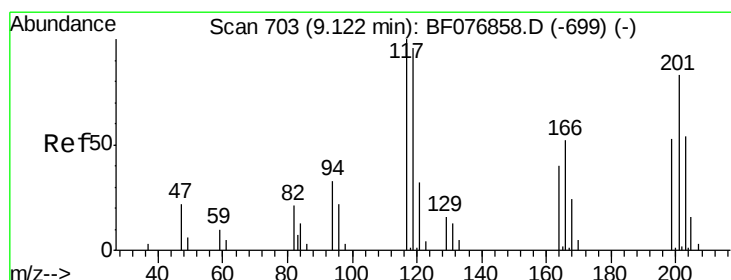
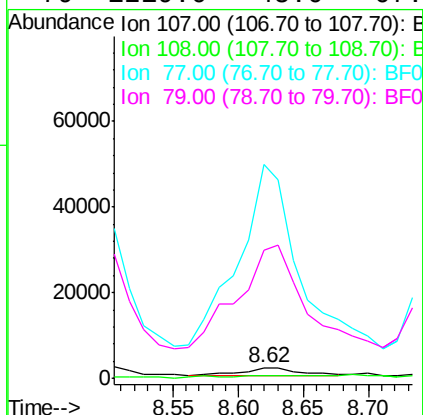
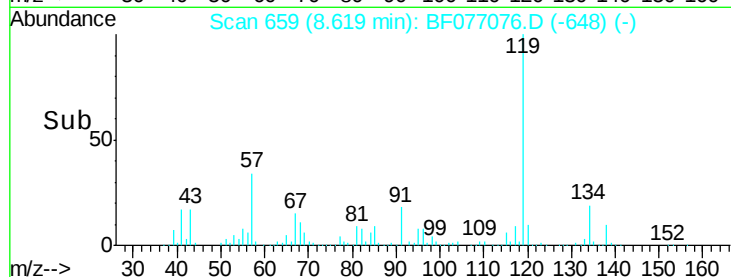
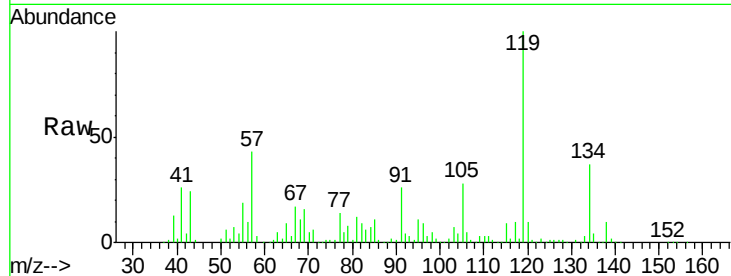




#17
2-Methylphenol
Concen: 4.12 ng
RT: 8.62 min Scan# 659
Delta R.T. 0.02 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

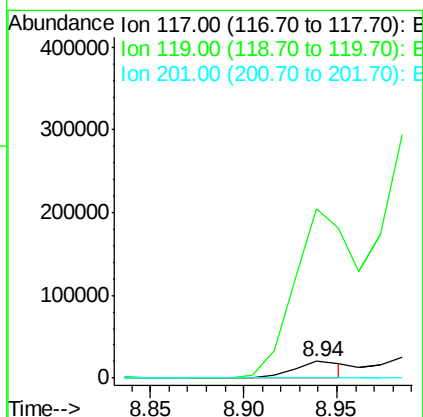
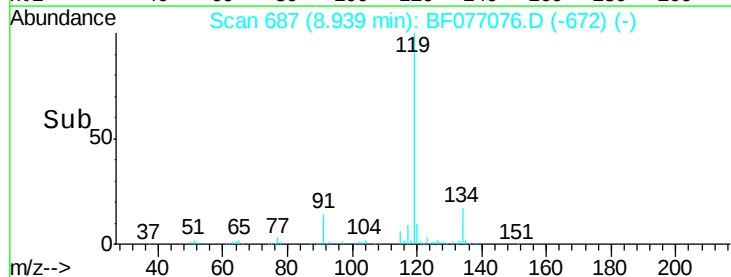
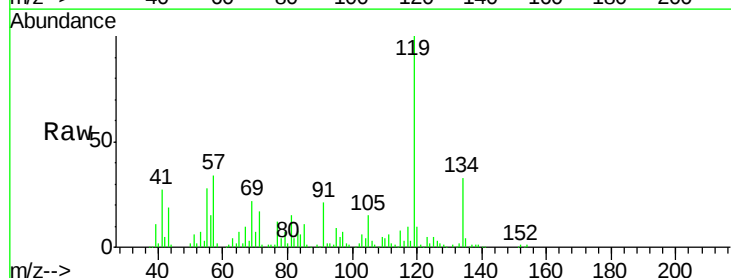
Instrument :
BNA_F
ClientSampleId :

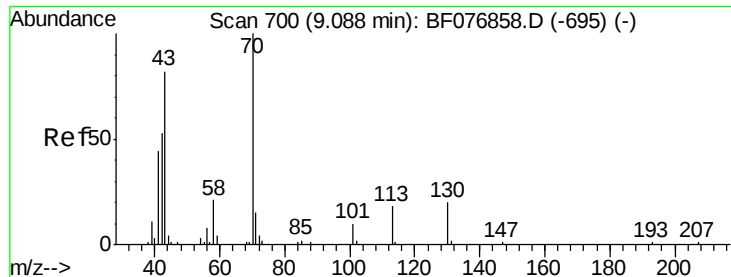
Tot Ion:107 Resp: 5414
Ion Ratio Lower Upper
107 100
108 20.8 89.7 134.5#
77 2031.4 50.1 75.1#
79 1219.0 45.0 67.6#



#18
Hexachloroethane
Concen: 54.22 ng
RT: 8.94 min Scan# 687
Delta R.T. 0.07 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:117 Resp: 36616
Ion Ratio Lower Upper
117 100
119 1024.7 77.1 115.7#
201 0.0 66.8 100.2#





#19

n-Nitroso-di-n-propylamine

Concen: 11.81 ng

RT: 8.88 min Scan# 682

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 14563

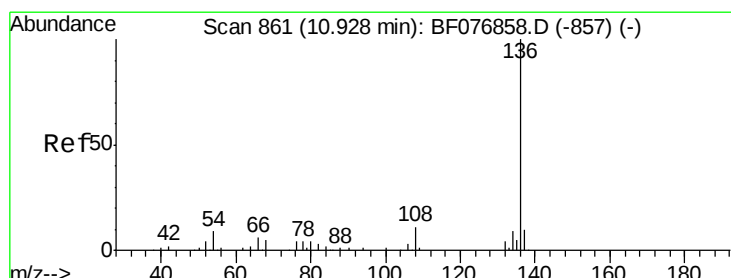
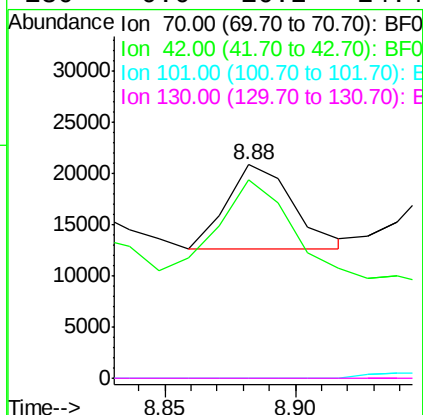
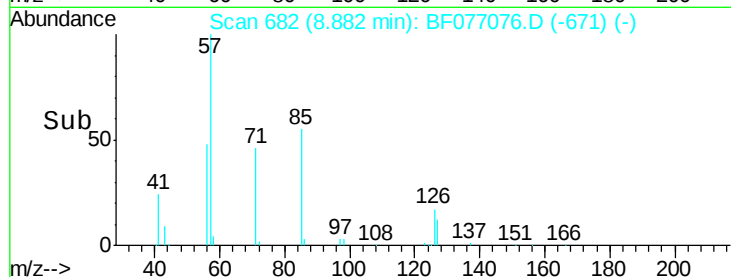
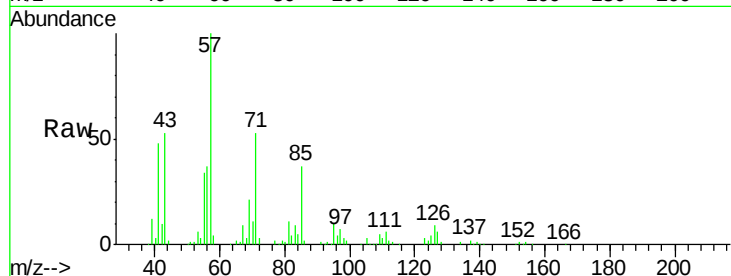
Ion Ratio Lower Upper

70 100

42 92.8 42.1 63.1#

101 0.0 7.8 11.8#

130 0.0 16.2 24.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.71 min Scan# 842

Delta R.T. 0.03 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Tgt Ion: 136 Resp: 61834

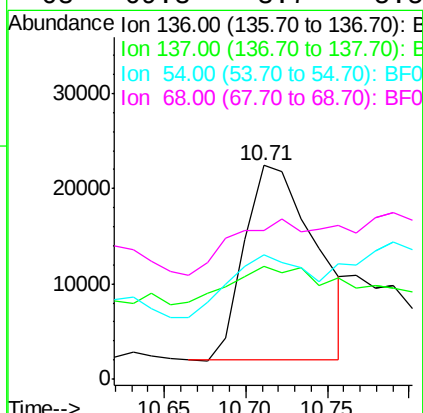
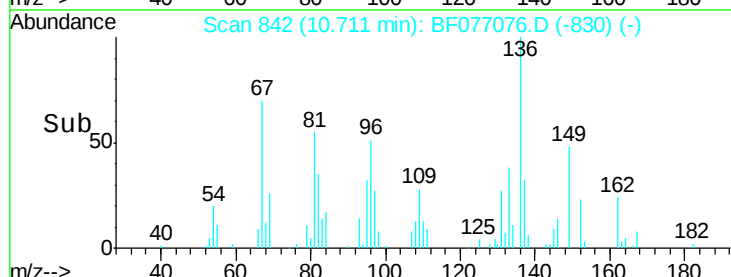
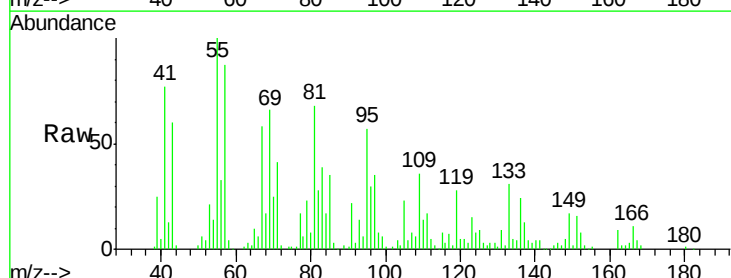
Ion Ratio Lower Upper

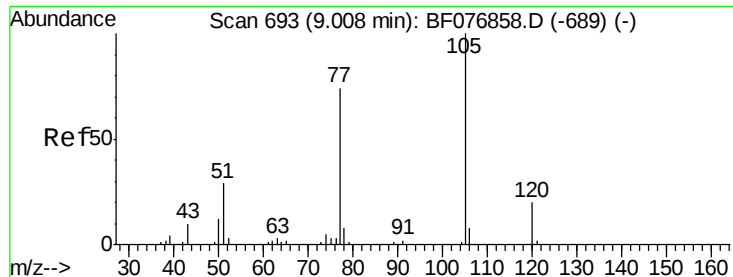
136 100

137 52.9 8.1 12.1#

54 58.2 7.0 10.4#

68 69.3 3.7 5.5#

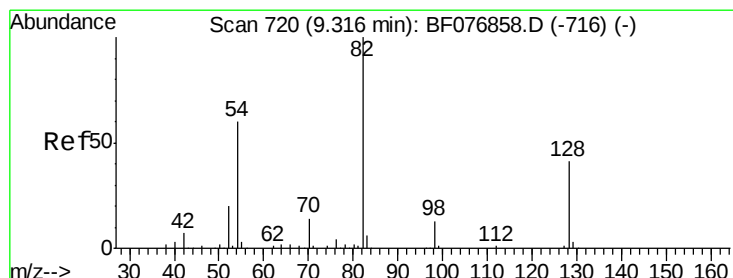
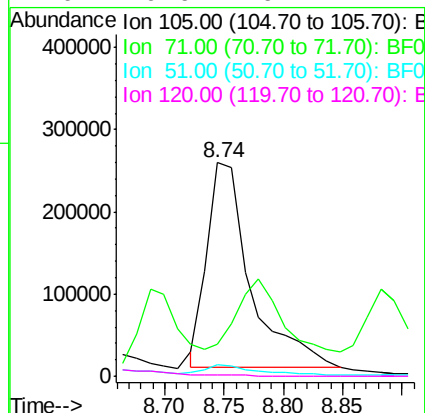
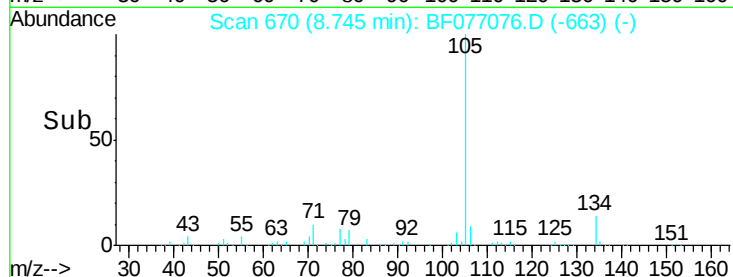
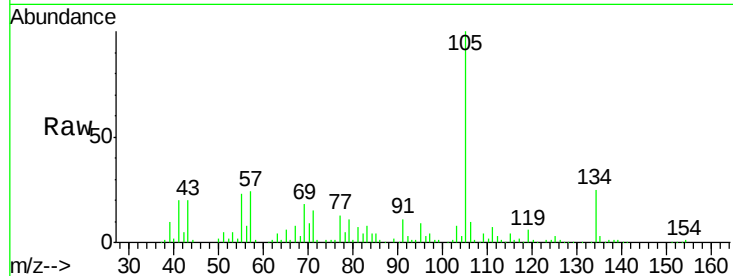




#22
Acetophenone
Concen: 418.25 ng
RT: 8.74 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

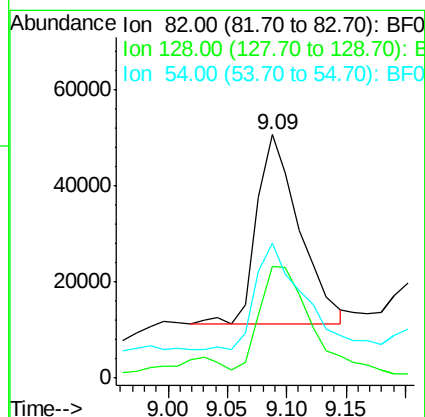
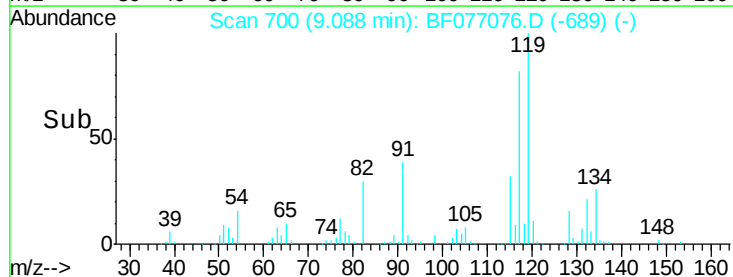
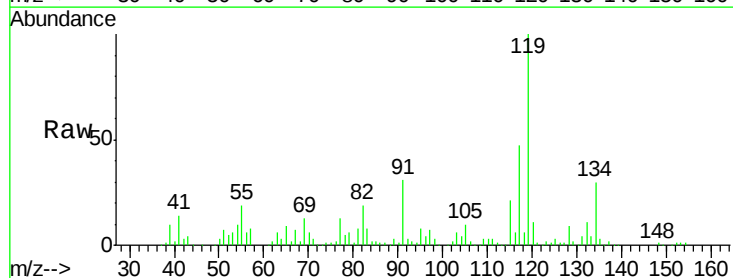
Instrument :
BNA_F
ClientSampleId :

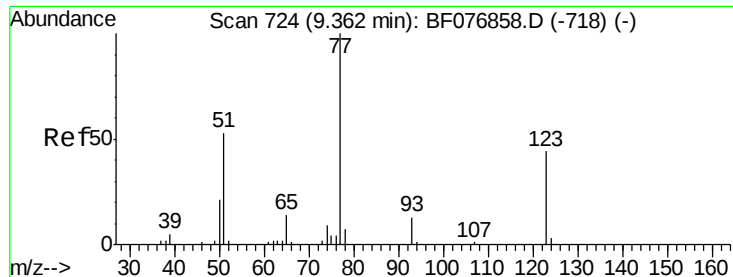
Tot Ion:105 Resp: 633453
Ion Ratio Lower Upper
105 100
71 15.2 0.0 0.0#
51 5.1 23.3 34.9#
120 0.6 16.1 24.1#



#23
Nitrobenzene-d5
Concen: 88.22 ng
RT: 9.09 min Scan# 700
Delta R.T. 0.02 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion: 82 Resp: 98459
Ion Ratio Lower Upper
82 100
128 45.7 33.1 49.7
54 55.5 48.3 72.5

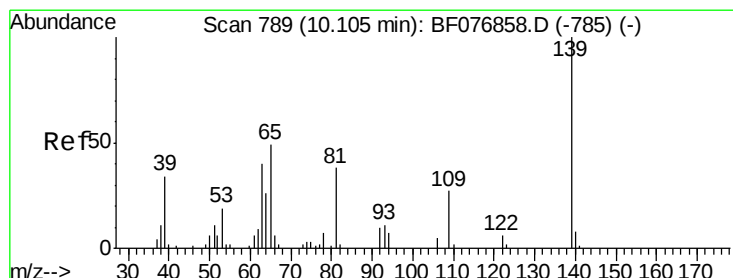
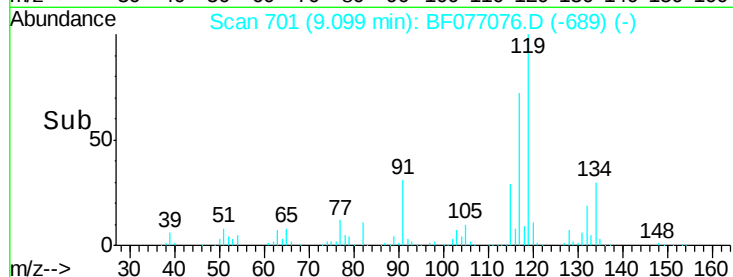
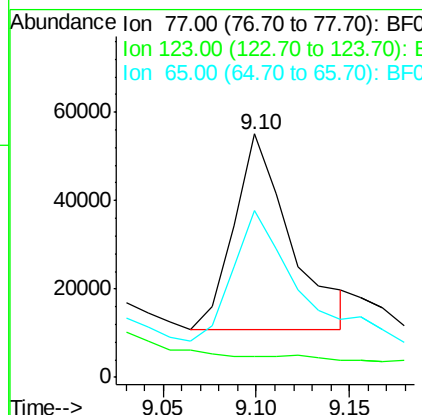
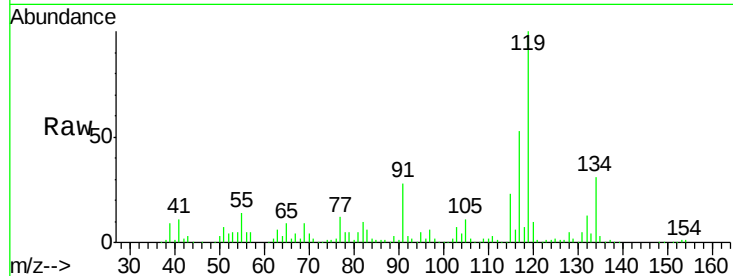




#24
Nitrobenzene
Concen: 82.74 ng
RT: 9.10 min Scan# 701
Delta R.T. 0.03 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

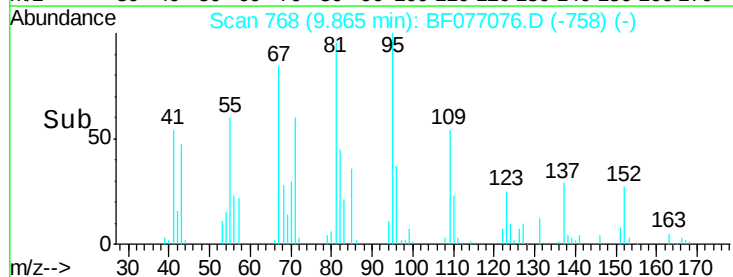
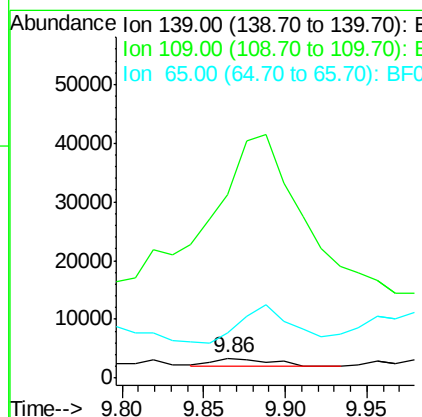
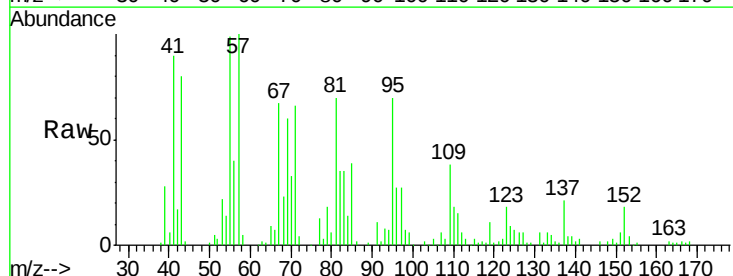
Instrument :
BNA_F
ClientSampleId :

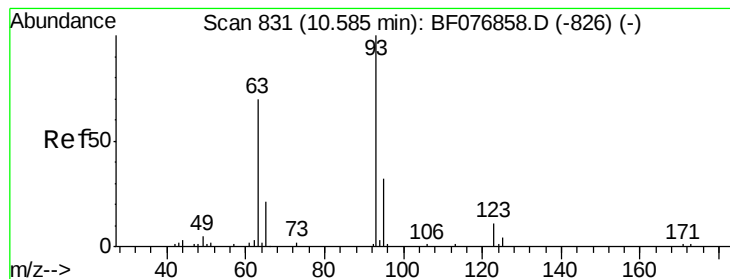
Tot Ion: 77 Resp: 94072
Ion Ratio Lower Upper
77 100
123 8.3 35.2 52.8#
65 68.6 11.4 17.2#



#26
2-Nitrophenol
Concen: 7.31 ng
RT: 9.86 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion: 139 Resp: 3349
Ion Ratio Lower Upper
139 100
109 930.5 21.3 31.9#
65 229.3 39.4 59.0#





#28

bis(2-Chloroethoxy)methane

Concen: 2.27 ng

RT: 10.43 min Scan# 817

Delta R.T. 0.07 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampled :

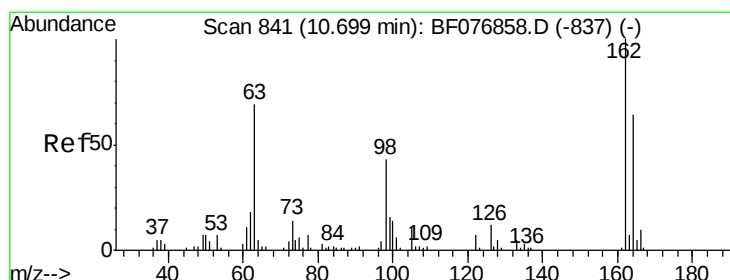
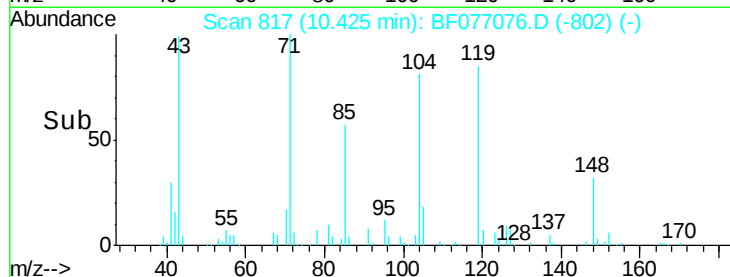
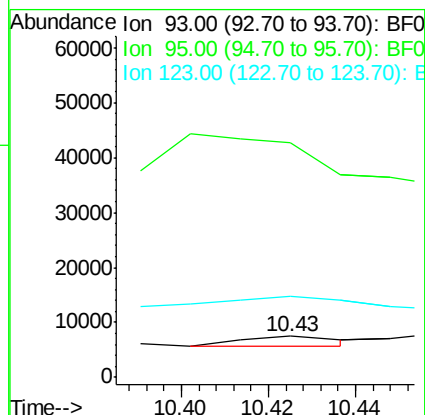
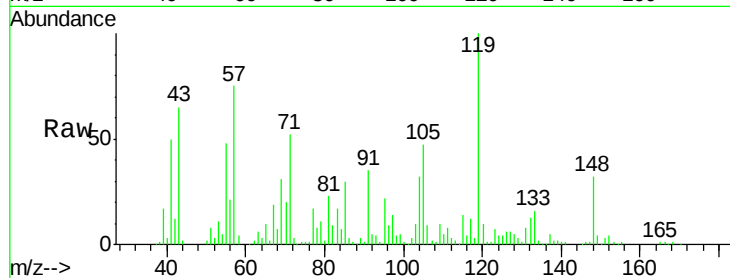
Tot Ion: 93 Resp: 2620

Ion Ratio Lower Upper

93 100

95 576.0 25.6 38.4#

123 198.3 8.9 13.3#



#29

2,4-Dichlorophenol

Concen: 16.24 ng

RT: 10.54 min Scan# 827

Delta R.T. 0.06 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

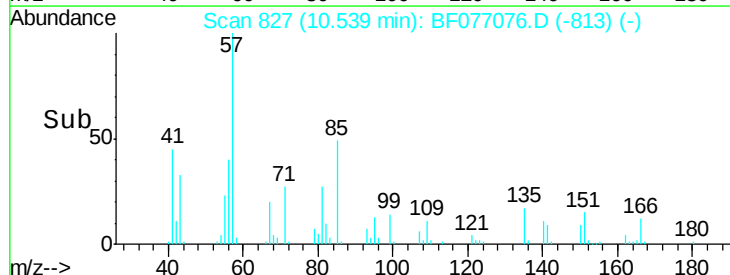
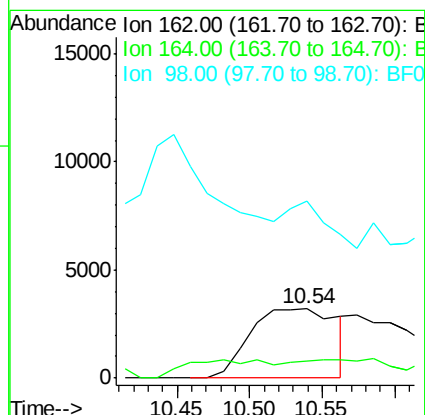
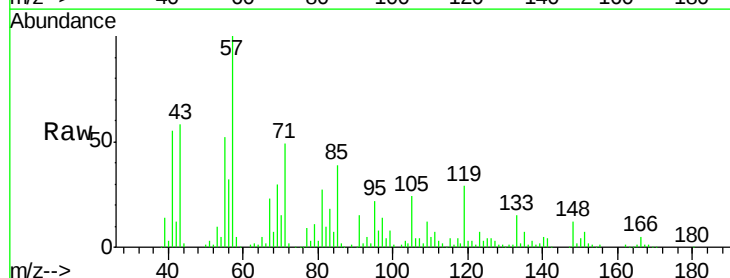
Tgt Ion: 162 Resp: 13305

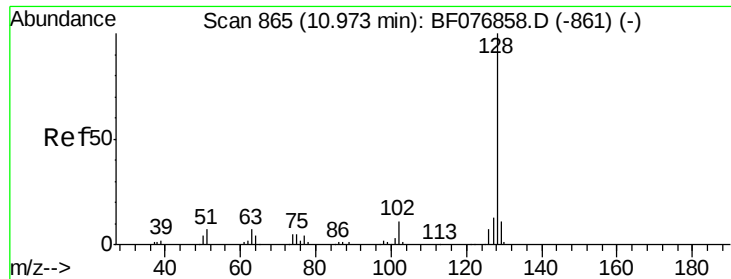
Ion Ratio Lower Upper

162 100

164 25.4 43.8 83.8#

98 255.3 22.5 62.5#

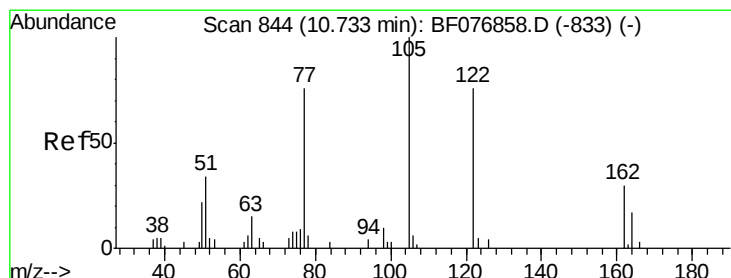
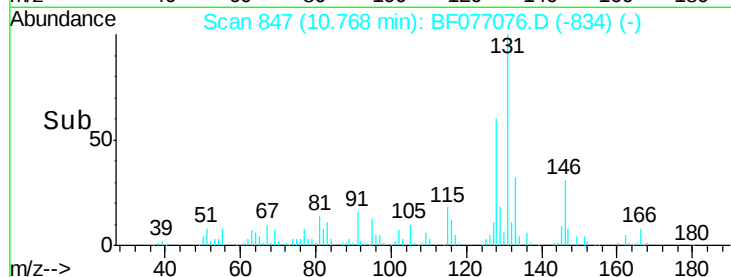
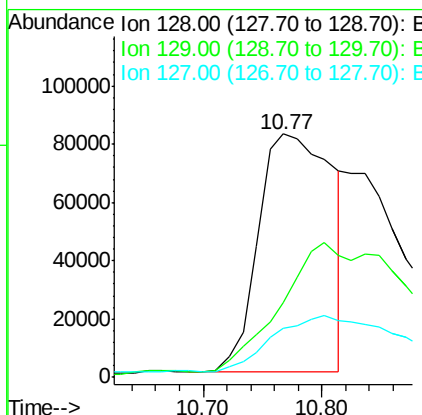
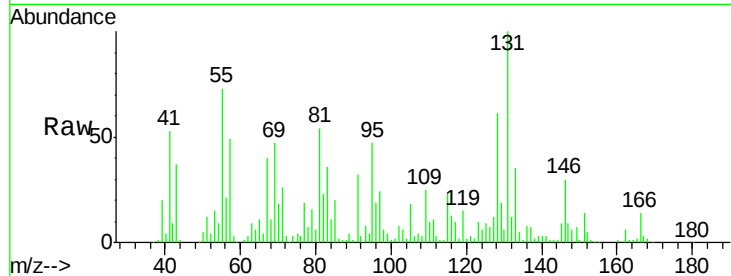




#31
Naphthalene
Concen: 111.65 ng
RT: 10.77 min Scan# 847
Delta R.T. 0.05 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

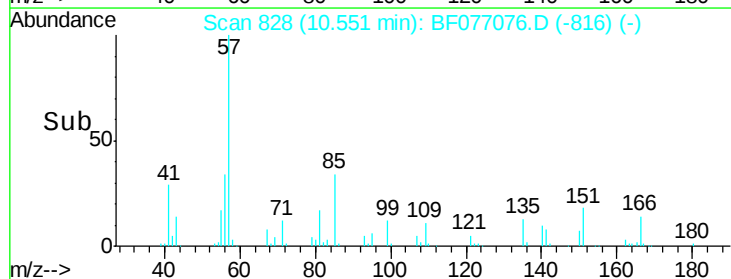
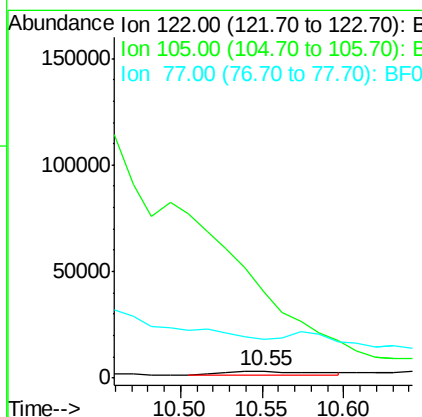
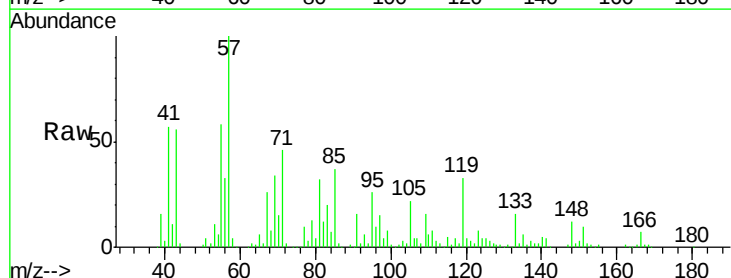
Instrument :
BNA_F
ClientSampleId :

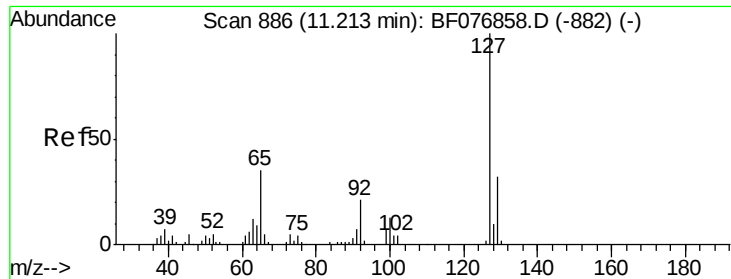
Tot Ion:128 Resp: 355444
Ion Ratio Lower Upper
128 100
129 30.6 9.0 13.6#
127 20.2 10.2 15.2#



#32
Benzoic acid
Concen: 12.54 ng
RT: 10.55 min Scan# 828
Delta R.T. 0.03 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:122 Resp: 6107
Ion Ratio Lower Upper
122 100
105 1268.9 111.3 151.3#
77 575.3 79.2 119.2#

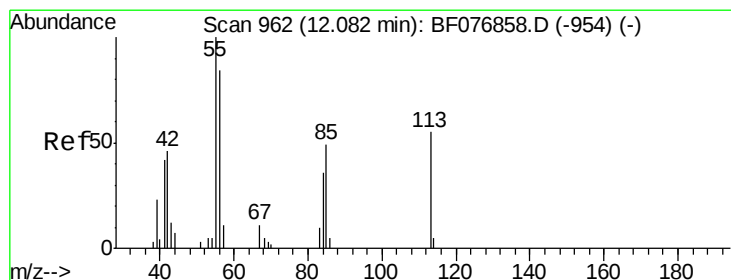
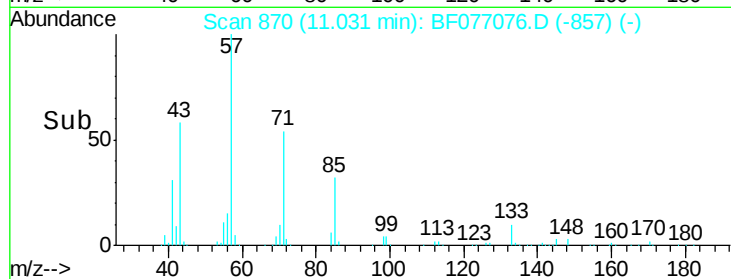
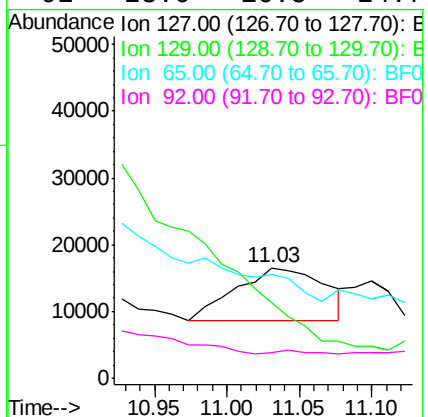
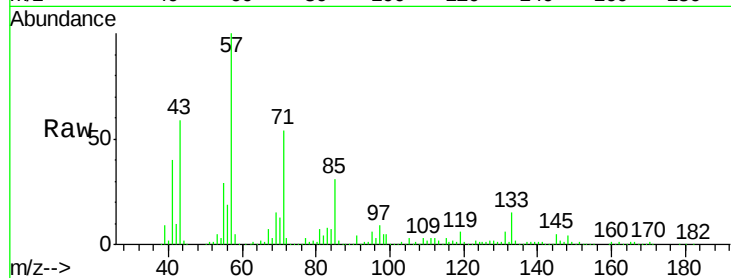




#33
4-Chloroaniline
Concen: 26.61 ng
RT: 11.03 min Scan# 870
Delta R.T. 0.05 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

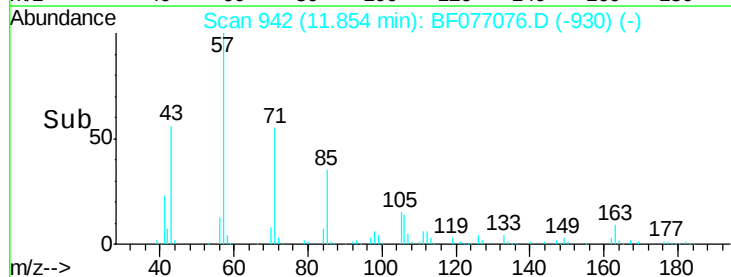
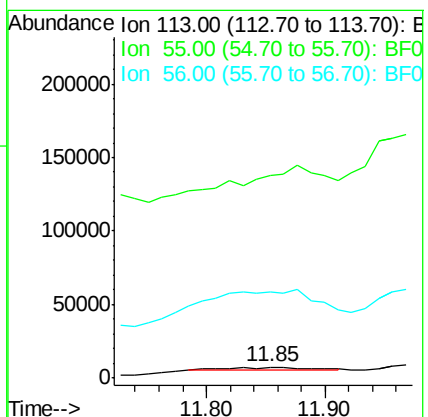
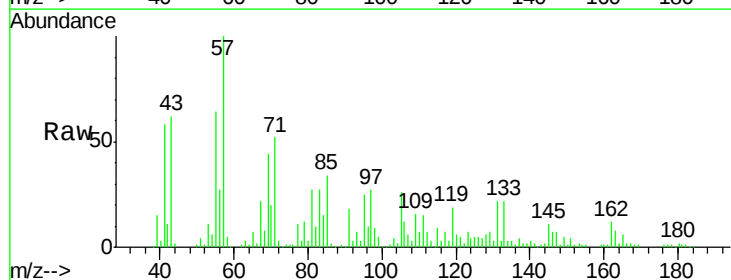
Instrument :
BNA_F
ClientSampleId :

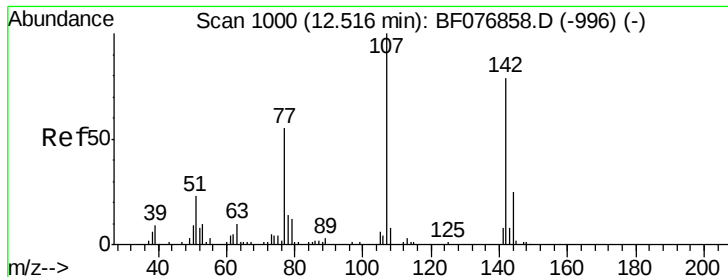
Tot Ion:127 Resp: 34231
Ion Ratio Lower Upper
127 100
129 68.8 25.3 37.9#
65 93.3 27.8 41.6#
92 23.0 16.5 24.7



#35
Caprolactam
Concen: 37.91 ng
RT: 11.85 min Scan# 942
Delta R.T. 0.03 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:113 Resp: 9145
Ion Ratio Lower Upper
113 100
55 1898.4 162.1 202.1#
56 807.3 133.7 173.7#

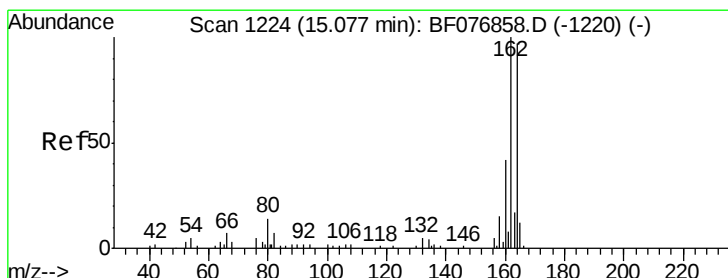
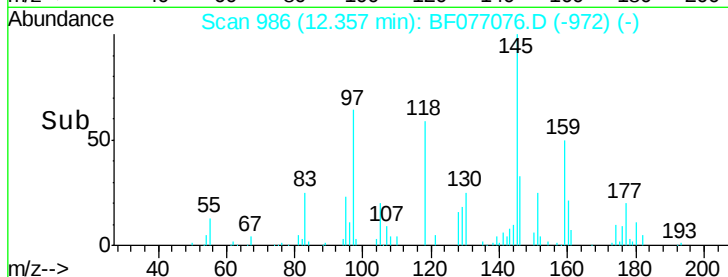
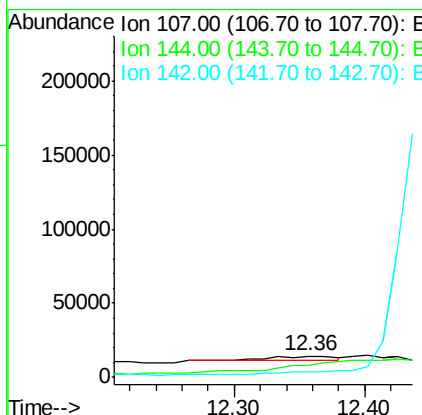
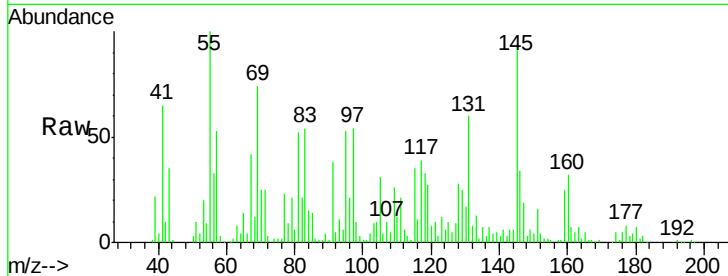




#36
4-Chloro-3-methylphenol
Concen: 11.81 ng
RT: 12.36 min Scan# 986
Delta R.T. 0.06 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

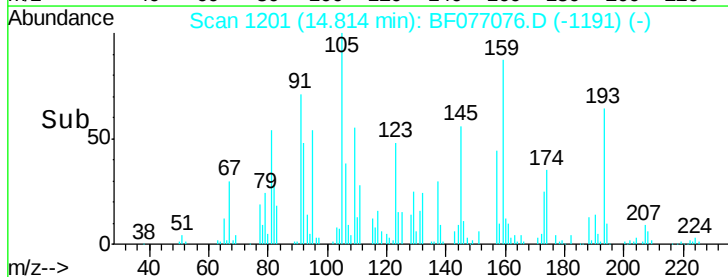
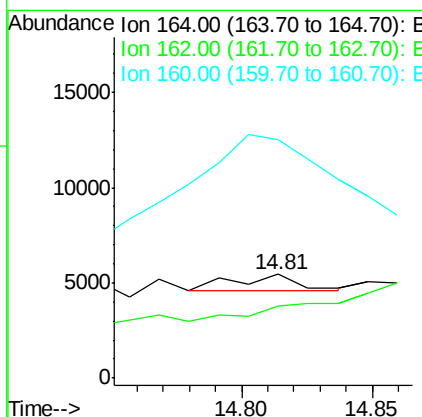
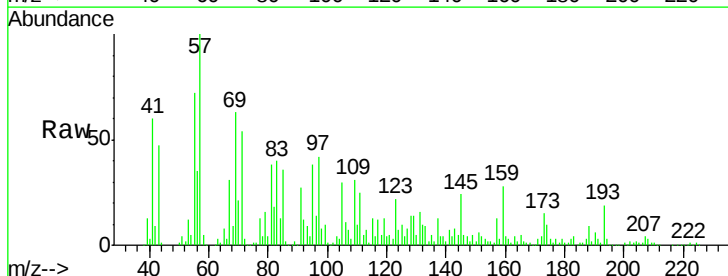
Instrument :
BNA_F
ClientSampleId :

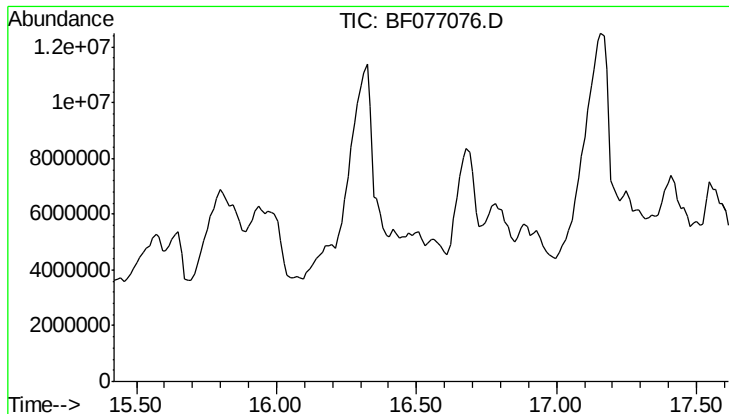
Tot Ion:107 Resp: 11083
Ion Ratio Lower Upper
107 100
144 55.2 20.0 30.0#
142 25.9 63.5 95.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.81 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:164 Resp: 1357
Ion Ratio Lower Upper
164 100
162 69.3 82.4 123.6#
160 229.9 34.8 52.2#





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.52 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Tot Ion: 330

Sig Exp Ratio

330 100

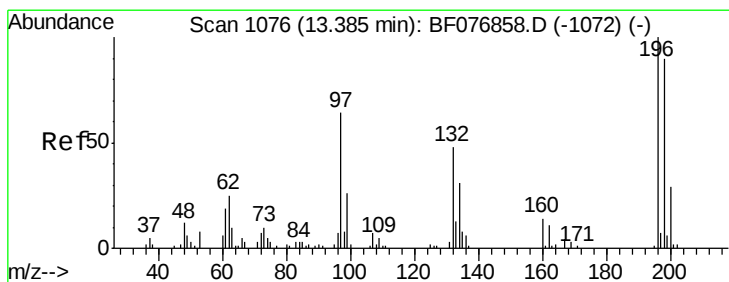
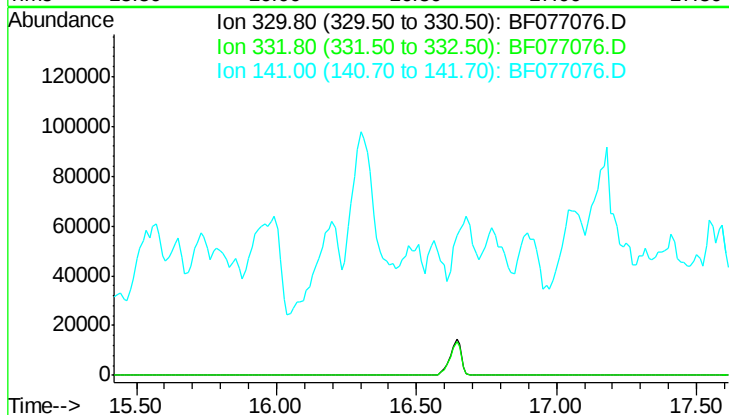
332 97.2

141 48.1

Instrument :

BNA_F

ClientSampleId :



#42

2,4,6-Trichlorophenol

Concen: 95.32 ng

RT: 13.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

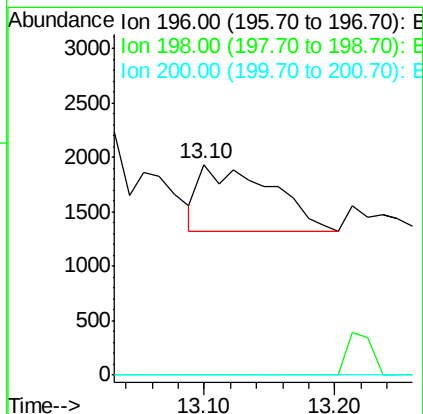
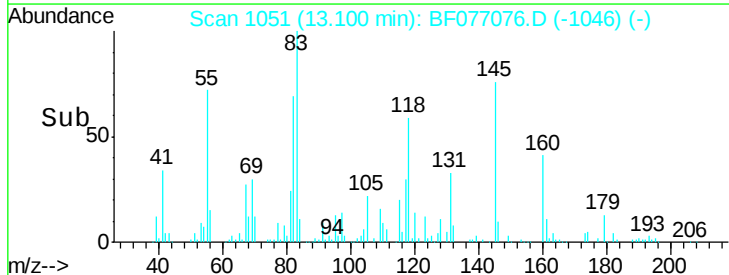
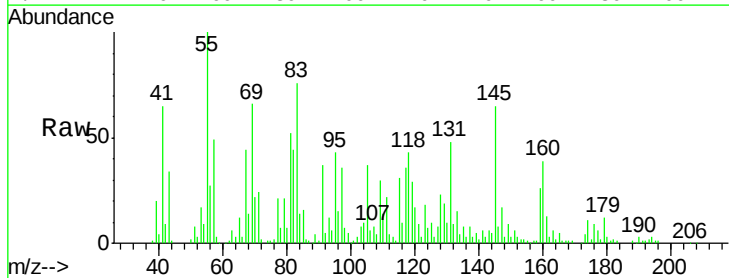
Tgt Ion:196 Resp: 2330

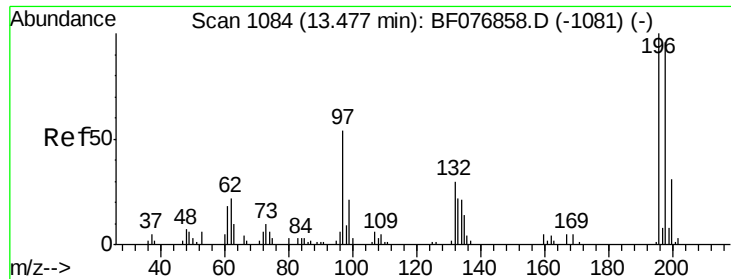
Ion Ratio Lower Upper

196 100

198 0.0 72.0 108.0#

200 0.0 23.4 35.2#

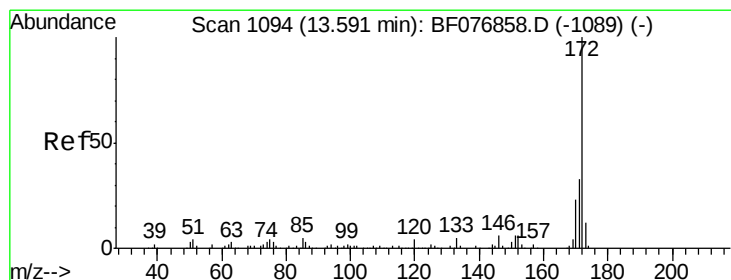
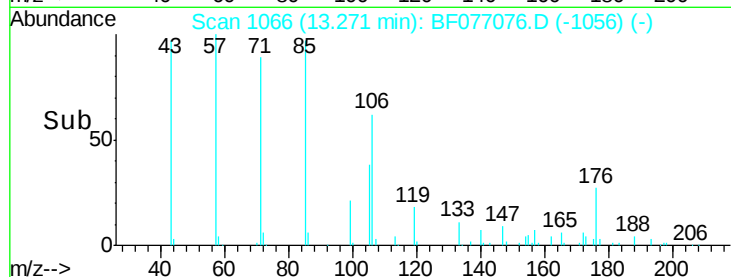
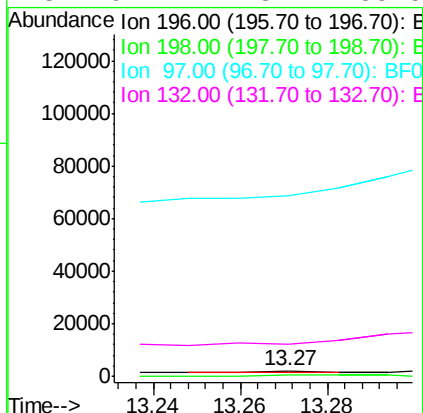
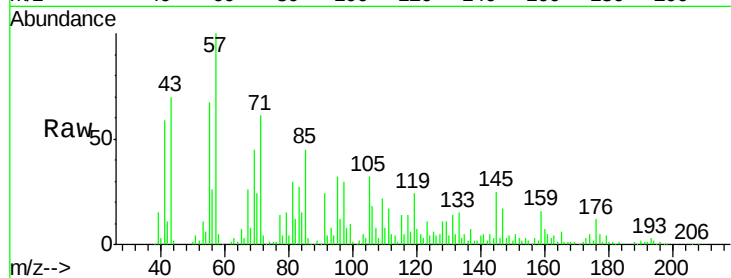




#43
2,4,5-Trichlorophenol
Concen: 20.90 ng
RT: 13.27 min Scan# 1066
Delta R.T. 0.01 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

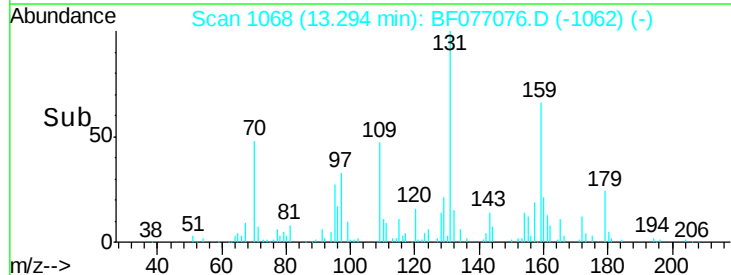
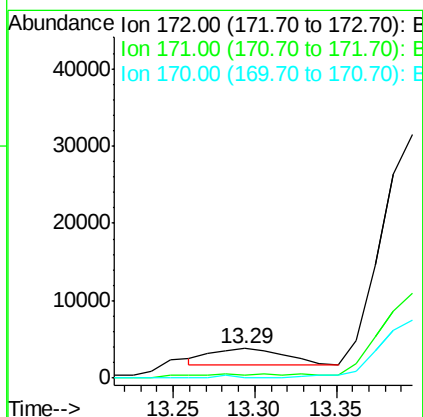
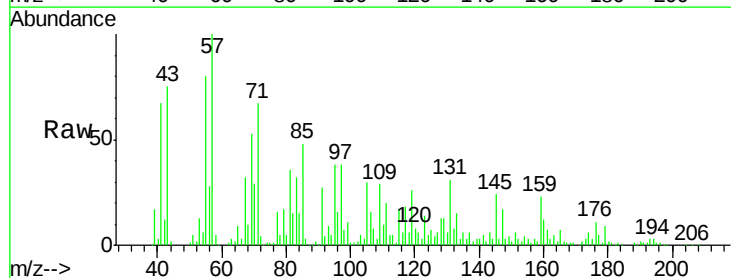
Instrument :
BNA_F
ClientSampleId :

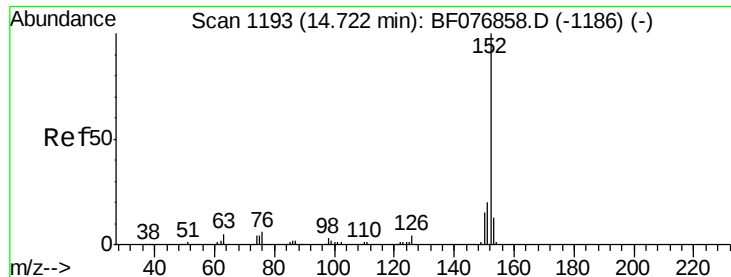
Tot Ion:196 Resp: 521
Ion Ratio Lower Upper
196 100
198 17.3 76.6 115.0#
97 3484.3 43.4 65.0#
132 617.4 23.7 35.5#



#44
2-Fluorobiphenyl
Concen: 73.47 ng
RT: 13.29 min Scan# 1068
Delta R.T. -0.03 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:172 Resp: 6551
Ion Ratio Lower Upper
172 100
171 9.1 26.6 40.0#
170 0.0 18.0 27.0#





#48

Acenaphthylene

Concen: 1216.78 ng

RT: 14.48 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

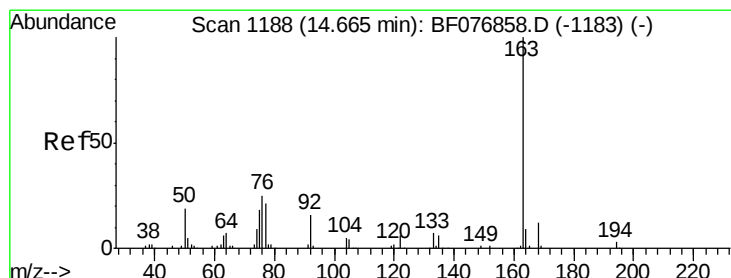
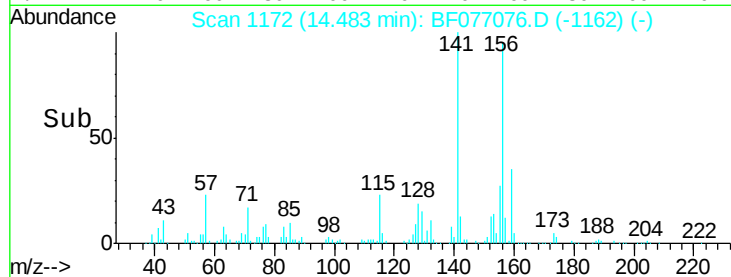
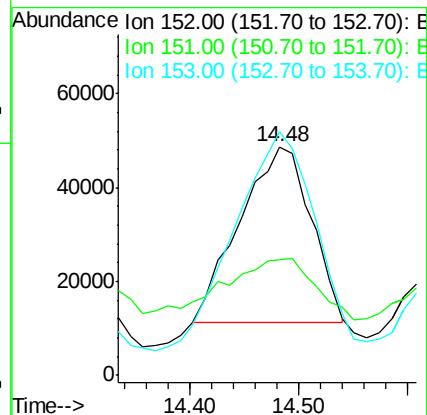
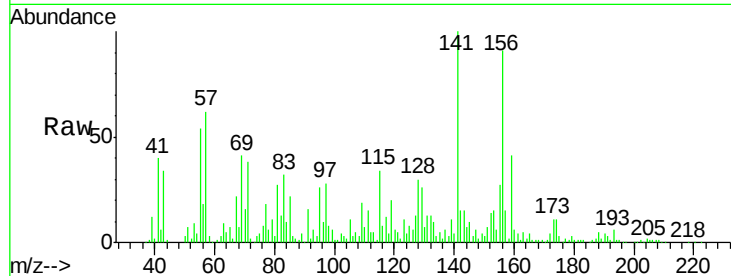
Tot Ion:152 Resp: 169908

Ion Ratio Lower Upper

152 100

151 50.7 15.9 23.9#

153 106.5 10.2 15.4#



#49

Dimethylphthalate

Concen: 21.15 ng

RT: 14.41 min Scan# 1166

Delta R.T. 0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

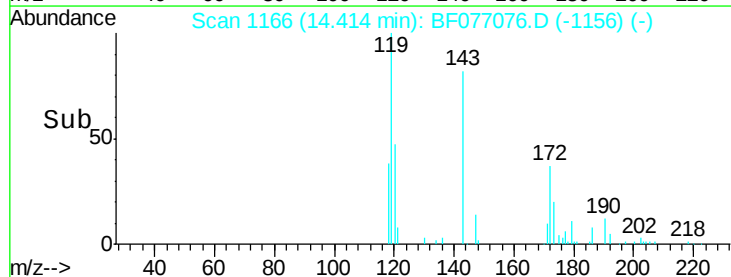
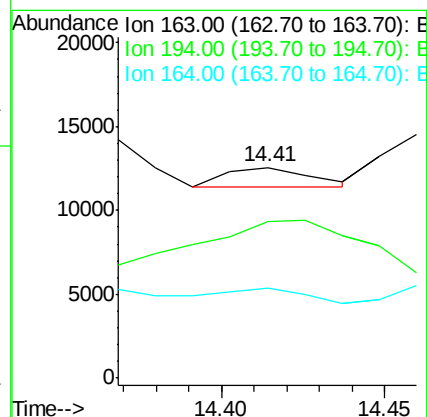
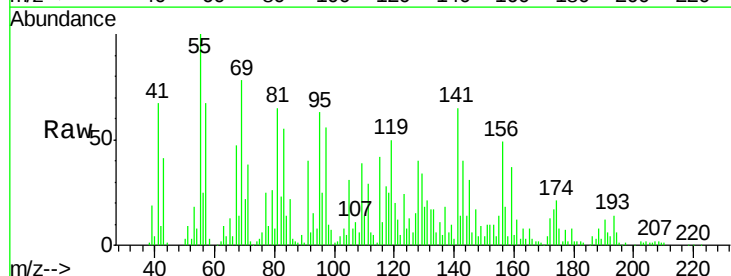
Tgt Ion:163 Resp: 2035

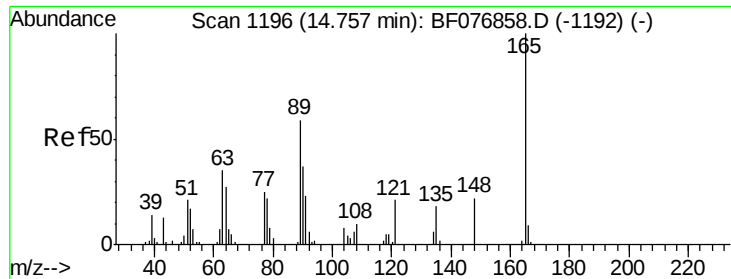
Ion Ratio Lower Upper

163 100

194 74.2 2.6 4.0#

164 42.7 7.5 11.3#

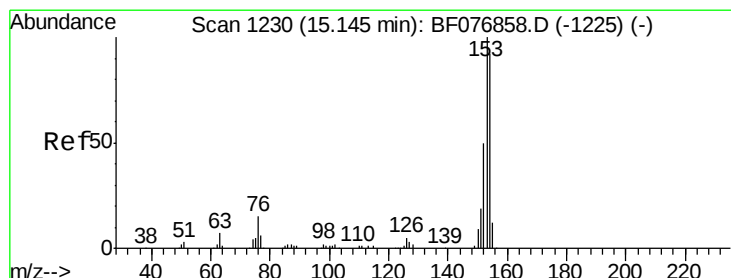
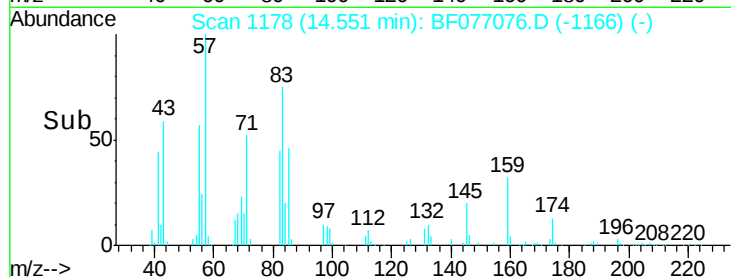
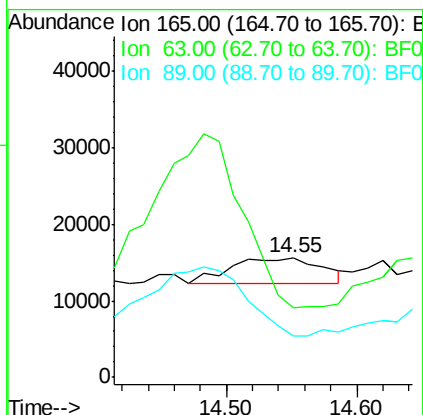
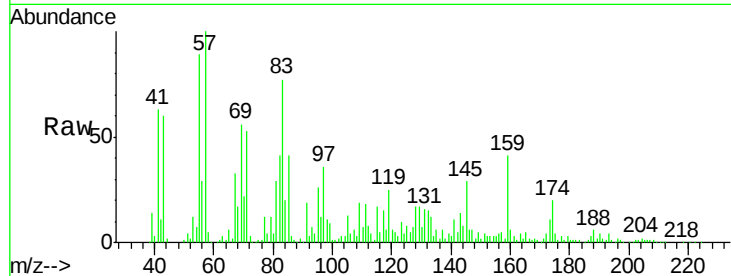




#50
 2,6-Dinitrotoluene
 Concen: 848.23 ng
 RT: 14.55 min Scan# 1178
 Delta R.T. 0.03 min
 Lab File: BF077076.D
 Acq: 27 Jan 2015 6:32

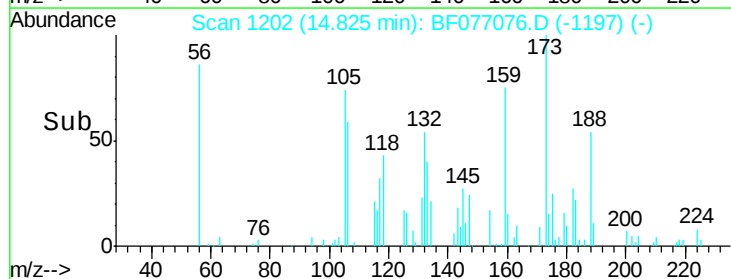
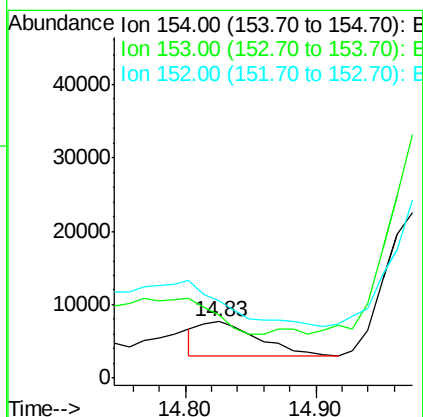
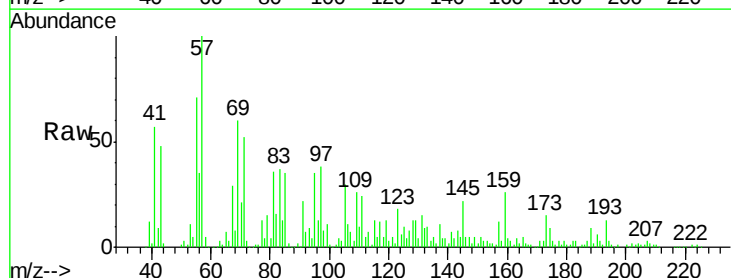
Instrument :
 BNA_F
 ClientSampleId :

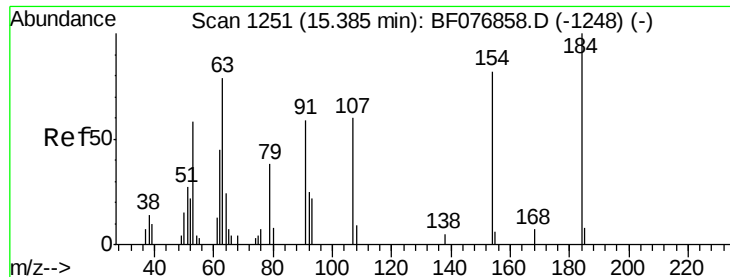
Tot Ion:165 Resp: 16309
 Ion Ratio Lower Upper
 165 100
 63 58.2 48.1 72.1
 89 34.9 47.2 70.8#



#51
 Acenaphthene
 Concen: 185.20 ng
 RT: 14.83 min Scan# 1202
 Delta R.T. -0.05 min
 Lab File: BF077076.D
 Acq: 27 Jan 2015 6:32

Tgt Ion:154 Resp: 14673
 Ion Ratio Lower Upper
 154 100
 153 111.4 87.0 130.6
 152 137.4 43.5 65.3#





#53

2,4-Dinitrophenol

Concen: 258.52 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

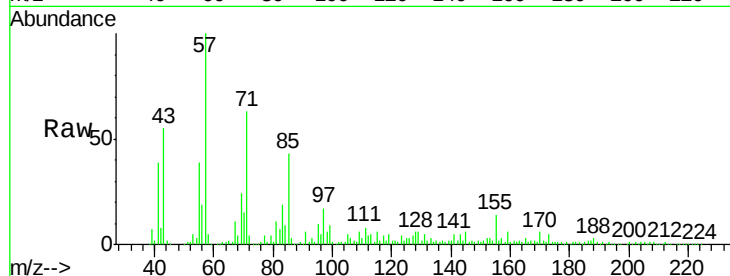
Tot Ion:184 Resp: 2610

Ion Ratio Lower Upper

184 100

63 1362.5 63.0 94.6#

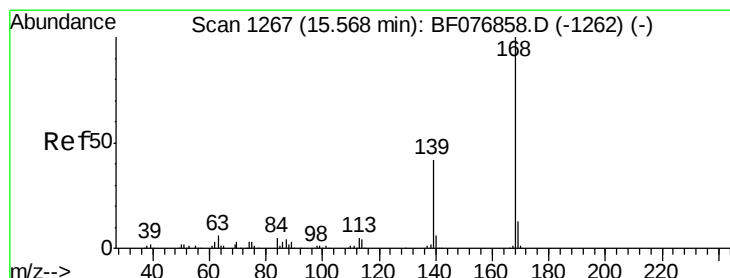
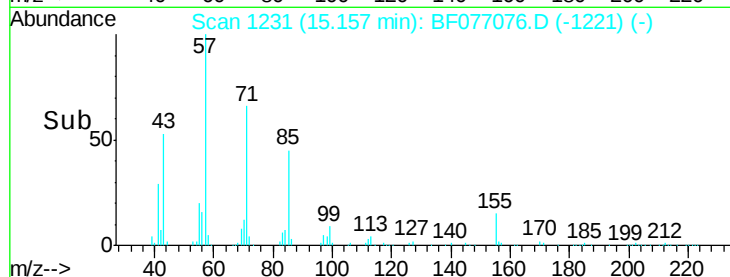
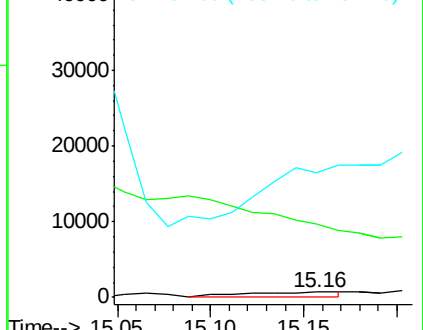
154 2293.7 65.5 98.3#



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



#54

Dibenzofuran

Concen: 163.85 ng

RT: 15.33 min Scan# 1246

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

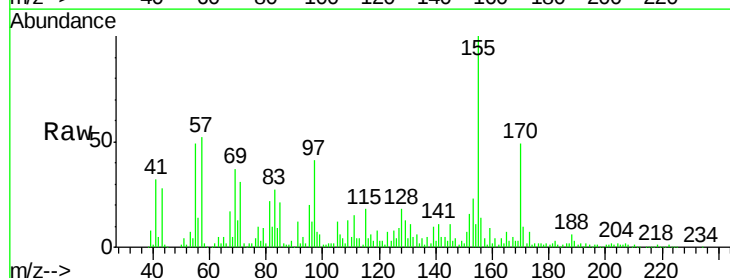
Tgt Ion:168 Resp: 18910

Ion Ratio Lower Upper

168 100

139 302.8 33.4 50.2#

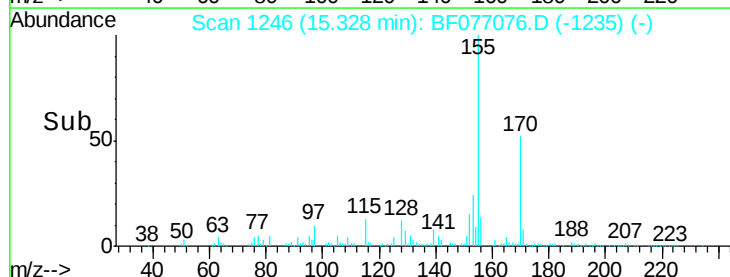
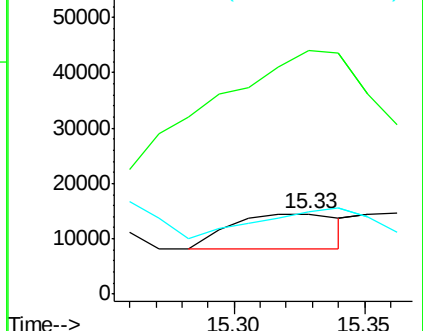
169 102.5 10.6 15.8#

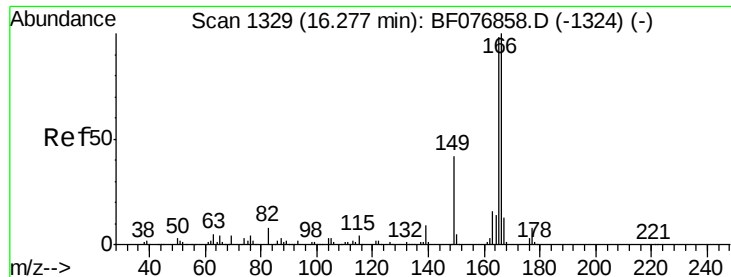


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

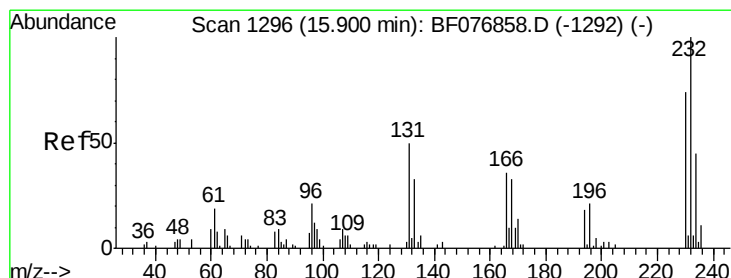
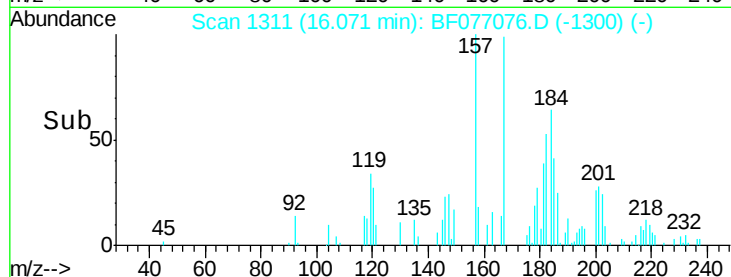
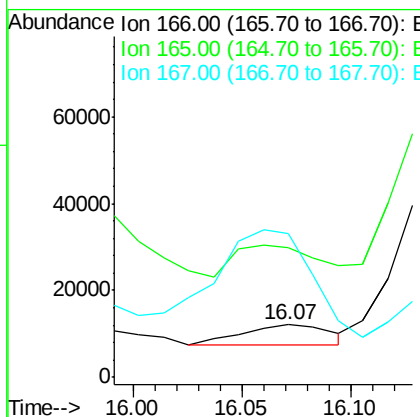
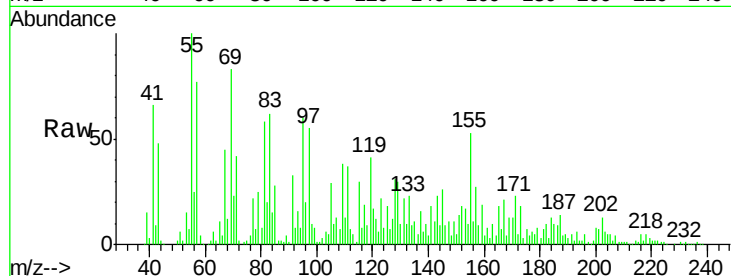




#57
 Fluorene
 Concen: 134.08 ng
 RT: 16.07 min Scan# 1311
 Delta R.T. 0.02 min
 Lab File: BF077076.D
 Acq: 27 Jan 2015 6:32

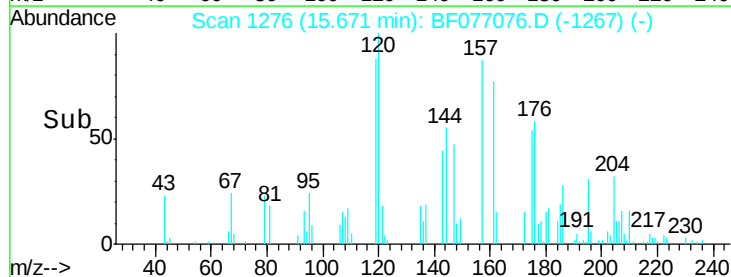
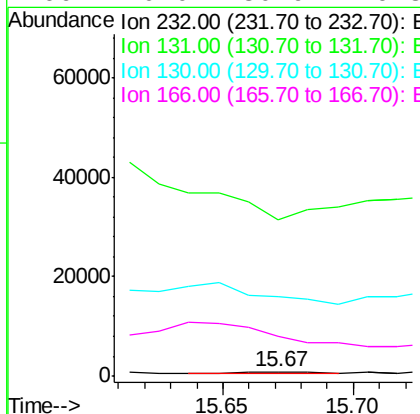
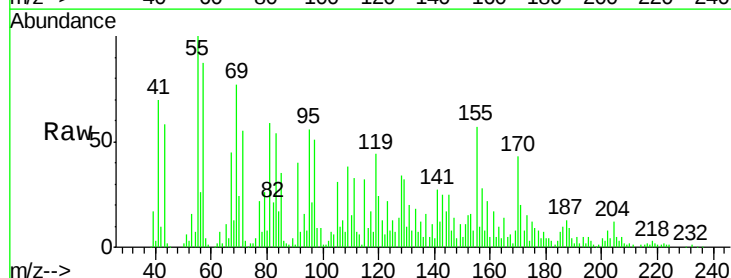
Instrument :
 BNA_F
 ClientSampleId :

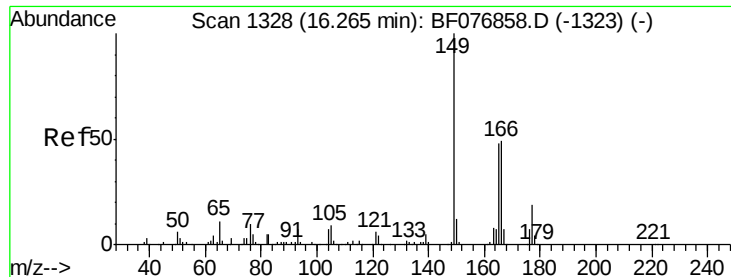
Tot Ion:166 Resp: 13110
 Ion Ratio Lower Upper
 166 100
 165 247.9 78.5 117.7#
 167 274.9 10.4 15.6#



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.14 ng
 RT: 15.67 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF077076.D
 Acq: 27 Jan 2015 6:32

Tgt Ion:232 Resp: 638
 Ion Ratio Lower Upper
 232 100
 131 0.0 45.0 67.6#
 130 0.0 2.6 3.8#
 166 0.0 30.9 46.3#

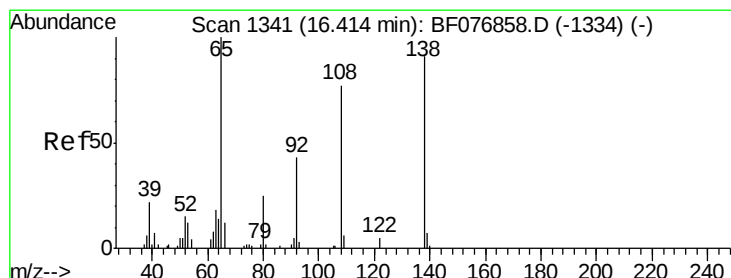
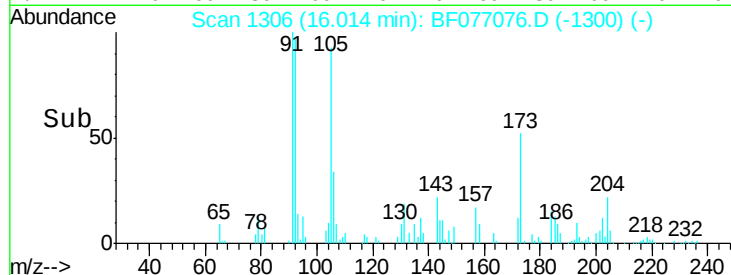
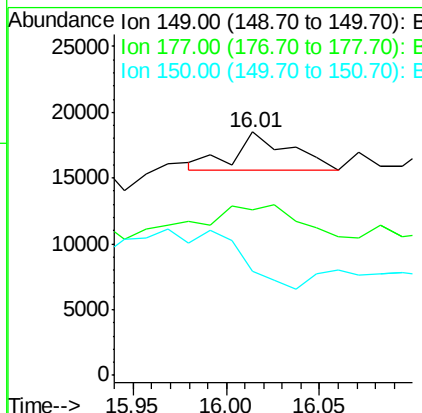
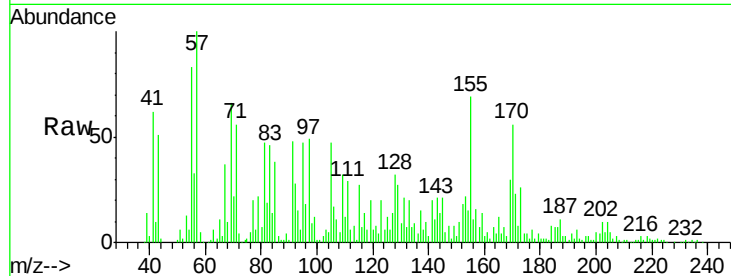




#59
Diethylphthalate
Concen: 62.87 ng
RT: 16.01 min Scan# 1306
Delta R.T. -0.03 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

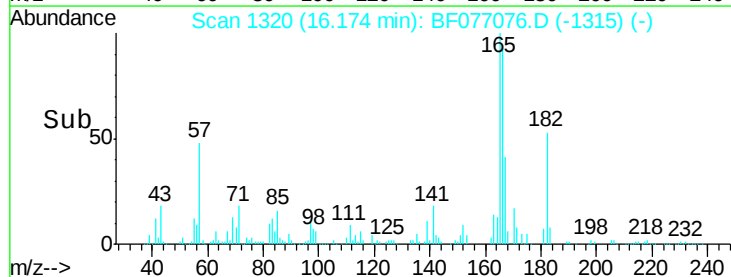
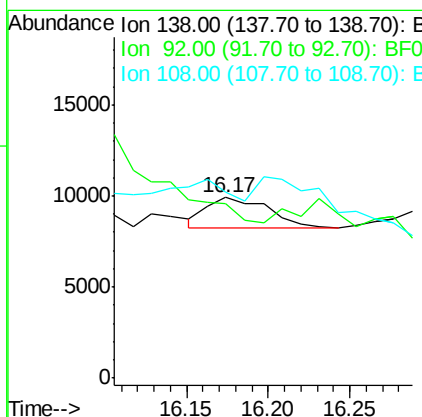
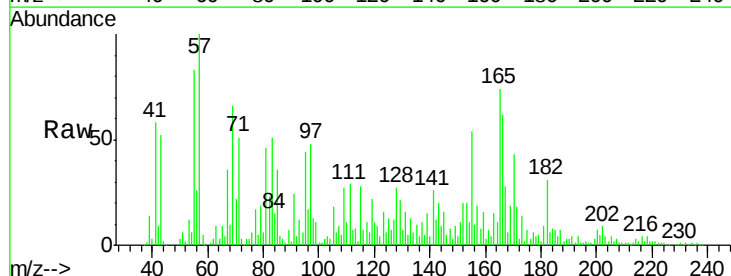
Instrument :
BNA_F
ClientSampled :

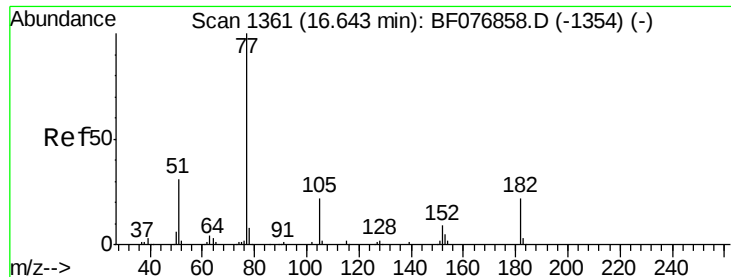
Tot Ion:149 Resp: 6115
Ion Ratio Lower Upper
149 100
177 67.8 15.0 22.6#
150 42.8 9.4 14.0#



#61
4-Nitroaniline
Concen: 183.18 ng
RT: 16.17 min Scan# 1320
Delta R.T. -0.05 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:138 Resp: 4540
Ion Ratio Lower Upper
138 100
92 96.6 26.7 66.7#
108 102.8 64.5 104.5





#62

Azobenzene

Concen: 452.67 ng

RT: 16.47 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 45873

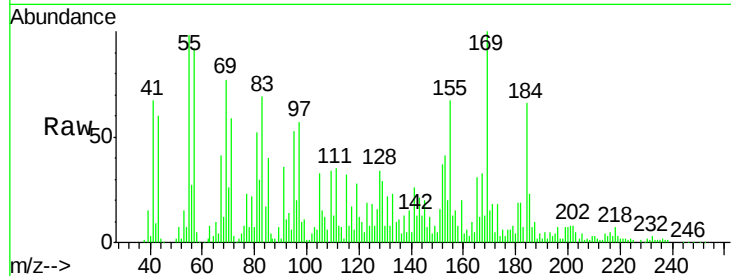
Ion Ratio Lower Upper

77 100

182 83.0 2.0 42.0#

105 142.4 2.3 42.3#

51 32.3 10.7 50.7

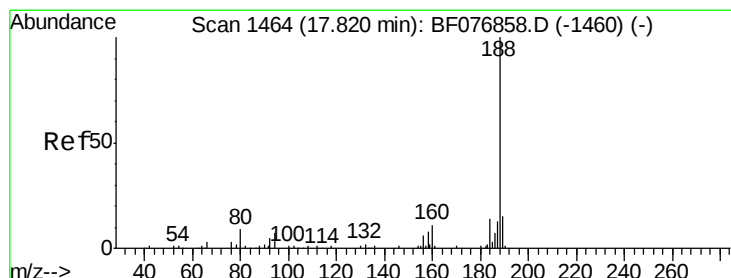
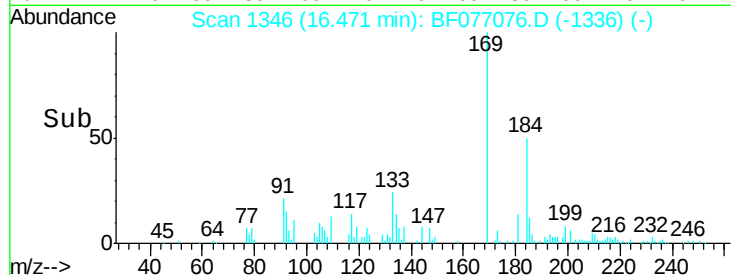
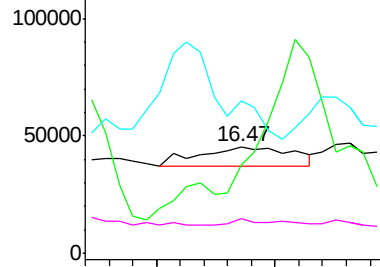


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.65 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

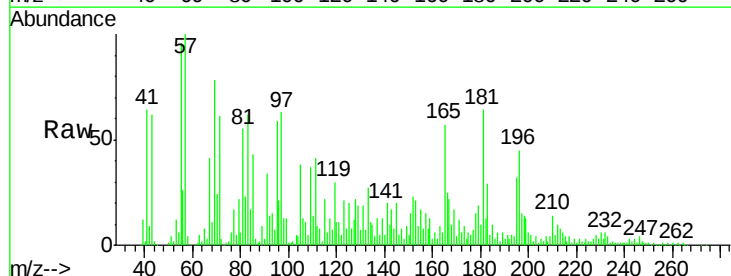
Tgt Ion: 188 Resp: 3004

Ion Ratio Lower Upper

188 100

94 317.3 6.0 9.0#

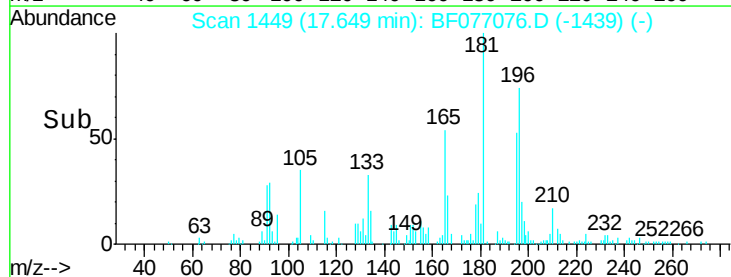
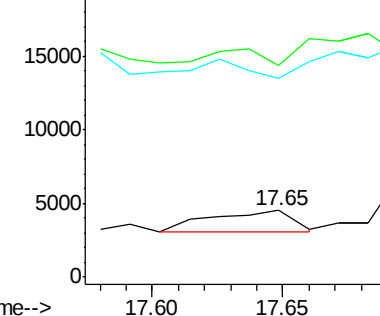
80 298.1 6.9 10.3#

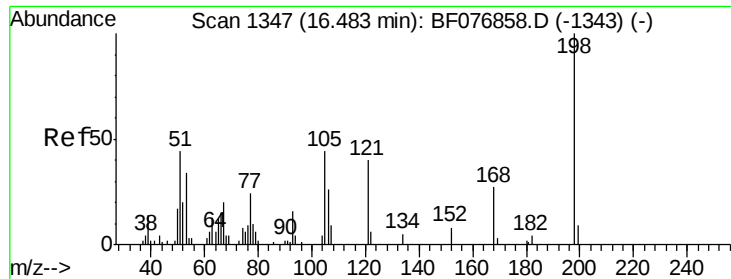


Abundance Ion 188.00 (187.70 to 188.70): E

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: 103.24 ng

RT: 16.32 min Scan# 1333

Delta R.T. 0.03 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

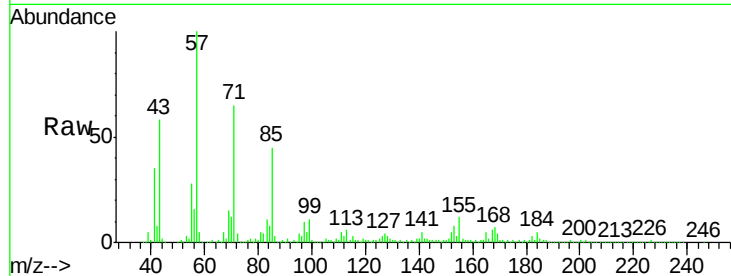
Tot Ion:198 Resp: 2072

Ion Ratio Lower Upper

198 100

51 837.7 24.2 64.2#

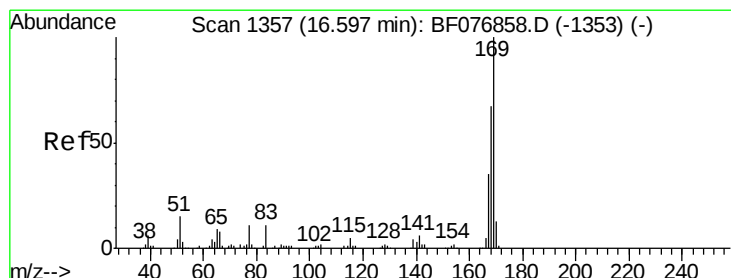
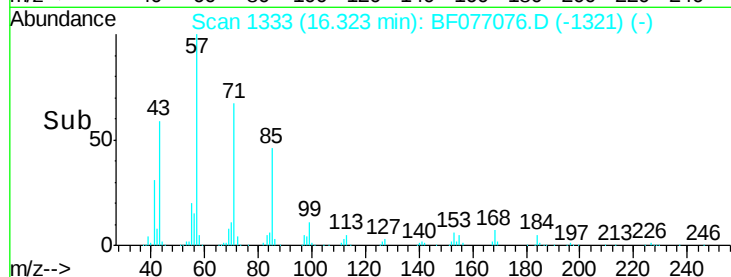
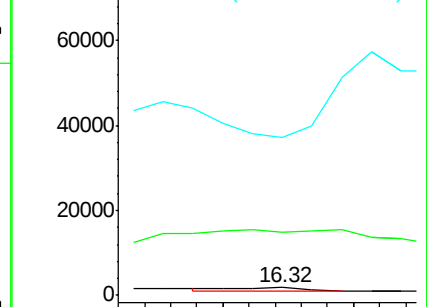
105 2099.7 24.0 64.0#



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



#65

n-Nitrosodiphenylamine

Concen: 369.48 ng

RT: 16.37 min Scan# 1337

Delta R.T. -0.05 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

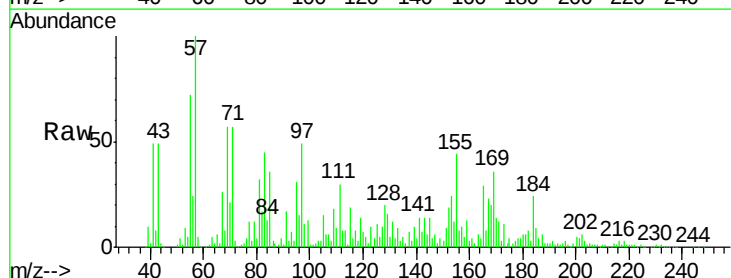
Tgt Ion:169 Resp: 39576

Ion Ratio Lower Upper

169 100

168 56.2 53.8 80.6

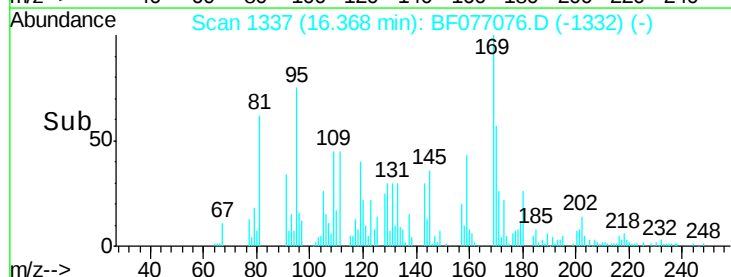
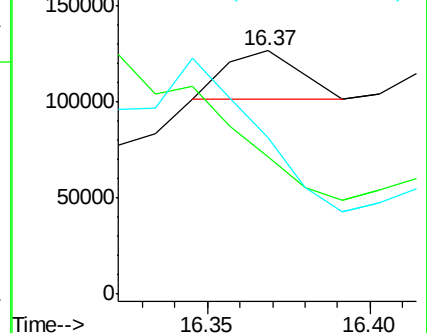
167 64.5 27.8 41.6#

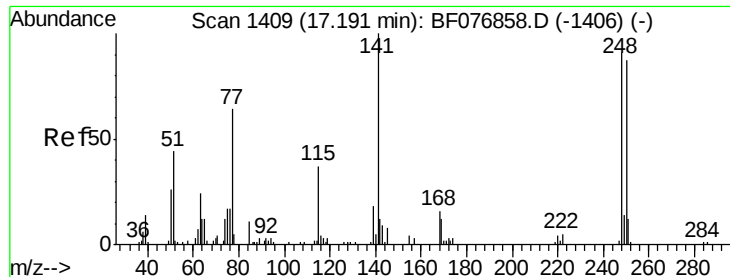


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

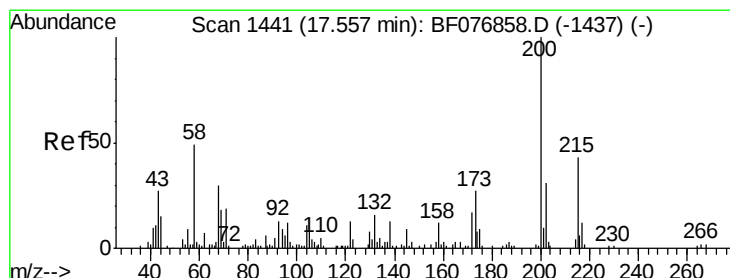
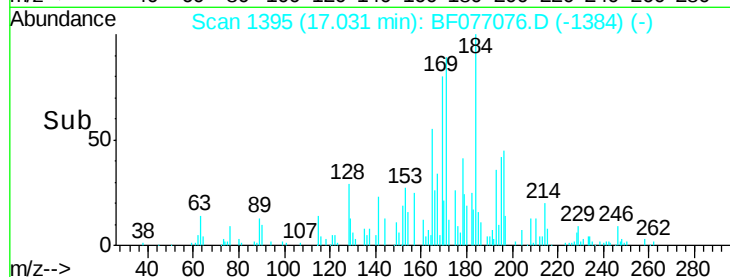
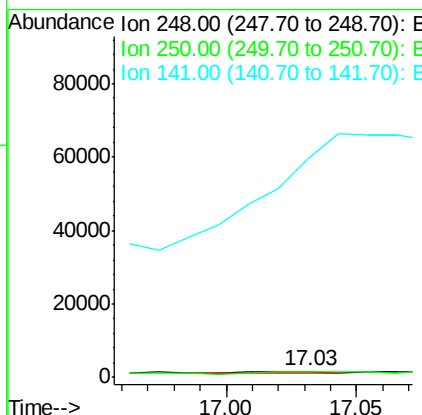
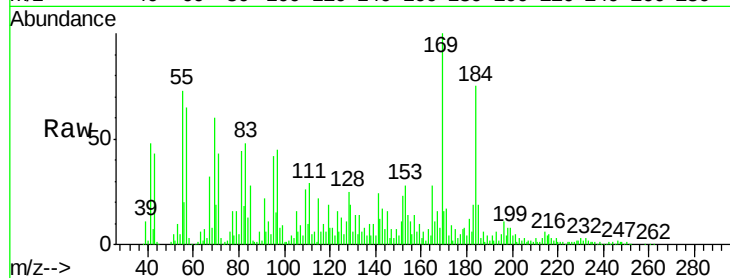




#66
4-Bromophenyl-phenylether
Concen: 31.15 ng
RT: 17.03 min Scan# 1395
Delta R.T. 0.02 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

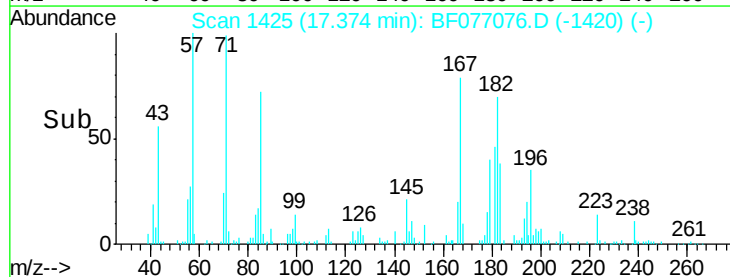
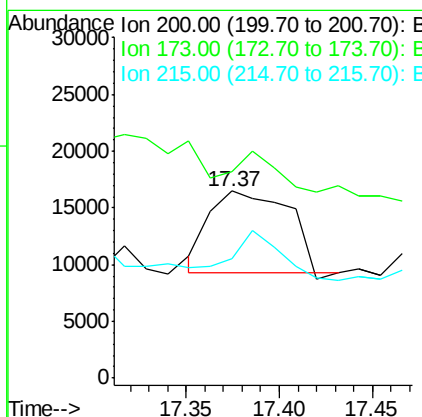
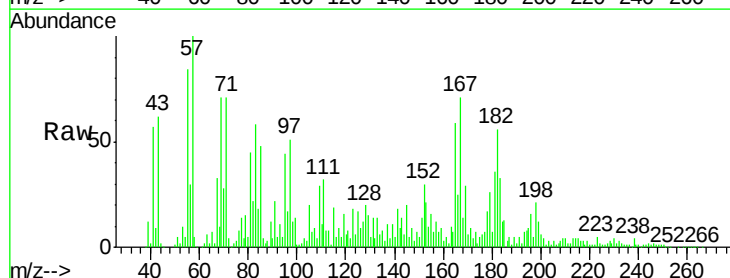
Instrument :
BNA_F
ClientSampled :

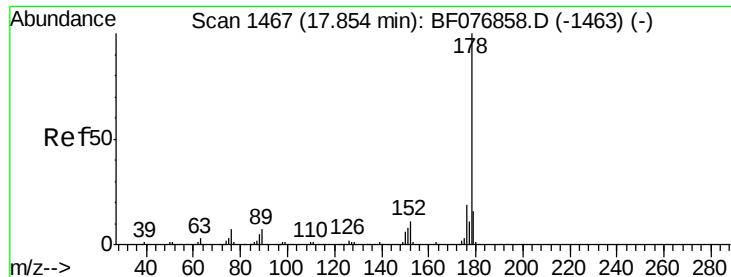
Tot Ion:248 Resp: 948
Ion Ratio Lower Upper
248 100
250 102.8 77.1 115.7
141 3780.7 88.2 132.4#



#68
Atrazine
Concen: 650.24 ng
RT: 17.37 min Scan# 1425
Delta R.T. -0.05 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:200 Resp: 21135
Ion Ratio Lower Upper
200 100
173 110.6 6.6 46.6#
215 64.2 22.9 62.9#





#70

Phenanthrene

Concen: 6014.37 ng

RT: 17.77 min Scan# 1460

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

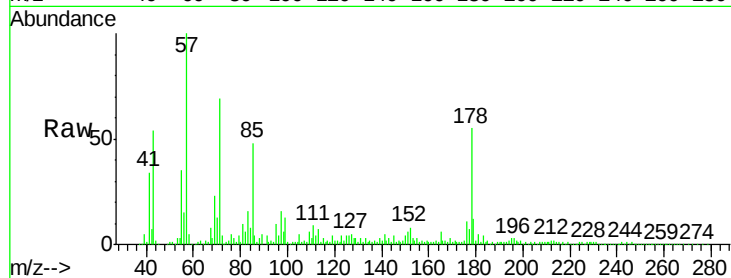
Tot Ion:178 Resp: 1126696

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.1	22.7
179	22.0	12.7	19.1

178 100

176 19.5 15.1 22.7

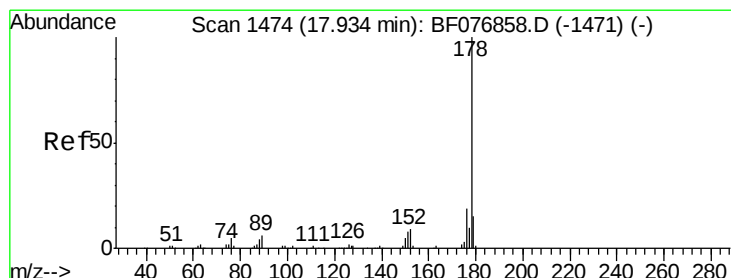
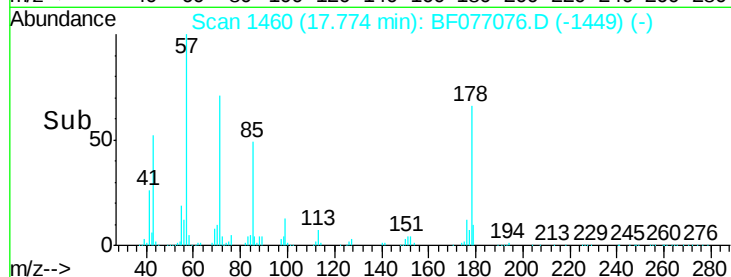
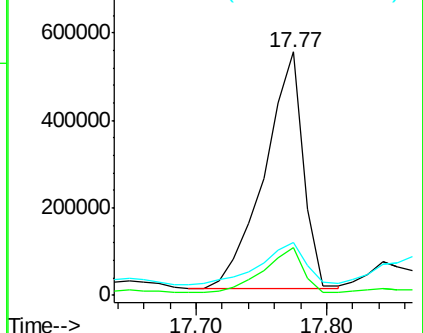
179 22.0 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6167.58 ng

RT: 17.77 min Scan# 1460

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

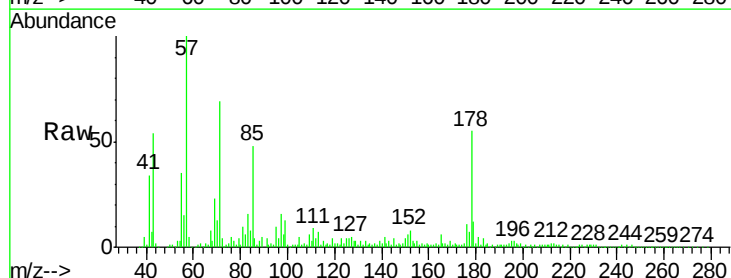
Tgt Ion:178 Resp: 1126696

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	22.0	11.9	17.9

178 100

176 19.5 15.4 23.0

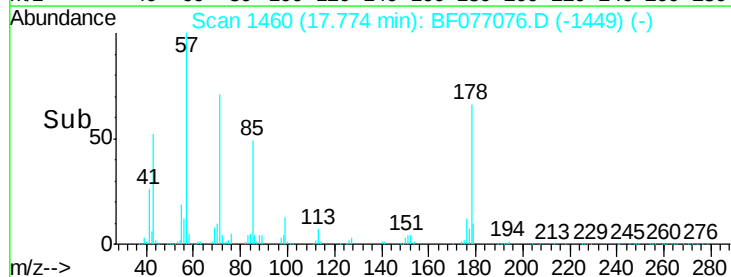
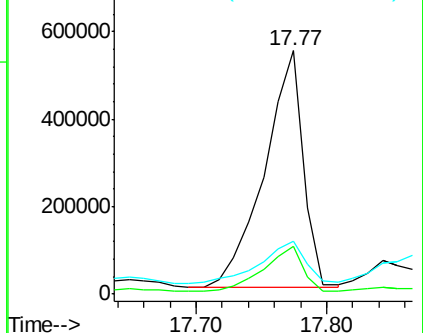
179 22.0 11.9 17.9#

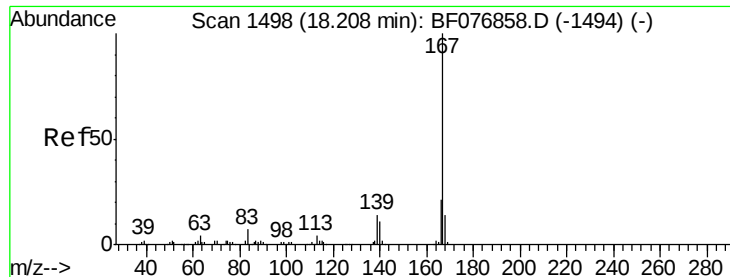


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 74.25 ng

RT: 18.04 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampled :

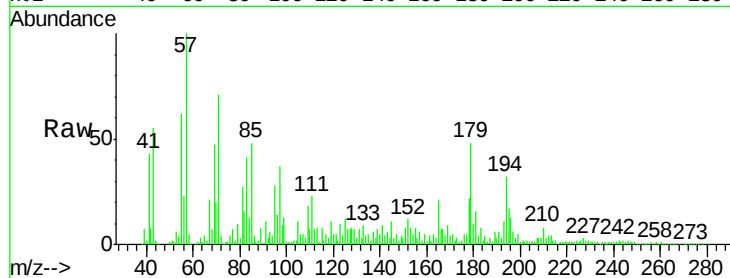
Tot Ion:167 Resp: 13155

Ion Ratio Lower Upper

167 100

166 97.0 17.0 25.6#

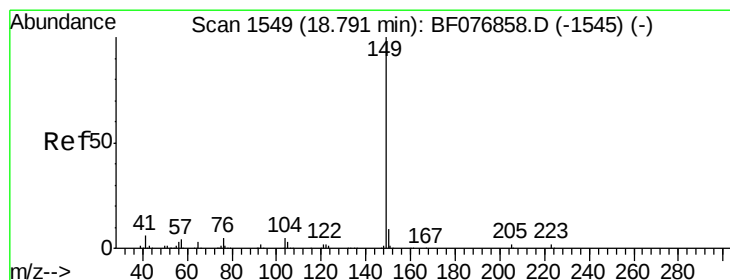
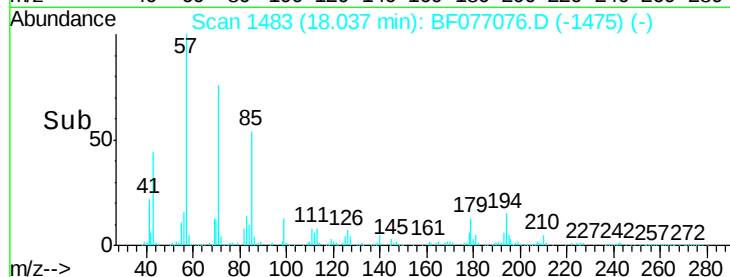
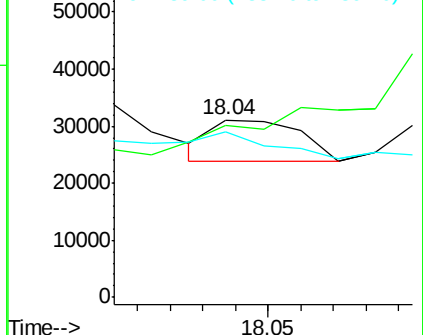
139 93.4 11.3 16.9#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 27.69 ng

RT: 18.67 min Scan# 1538

Delta R.T. 0.03 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

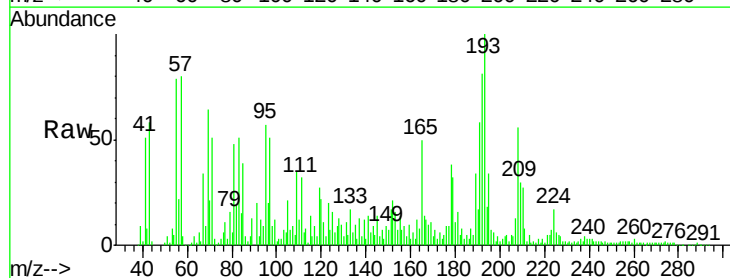
Tgt Ion:149 Resp: 5680

Ion Ratio Lower Upper

149 100

150 76.7 6.9 10.3#

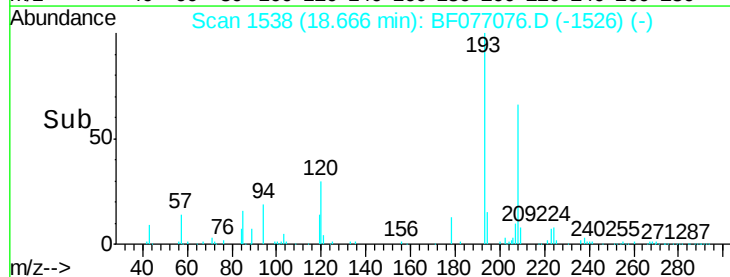
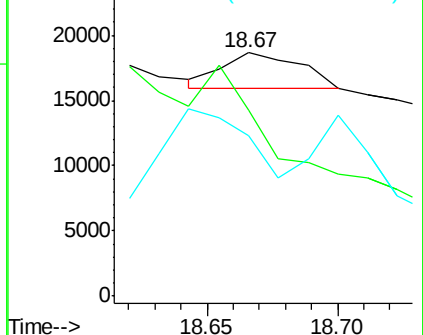
104 66.0 3.7 5.5#

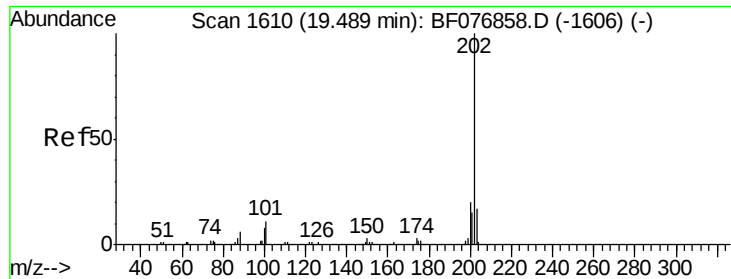


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 256.32 ng

RT: 19.33 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampled :

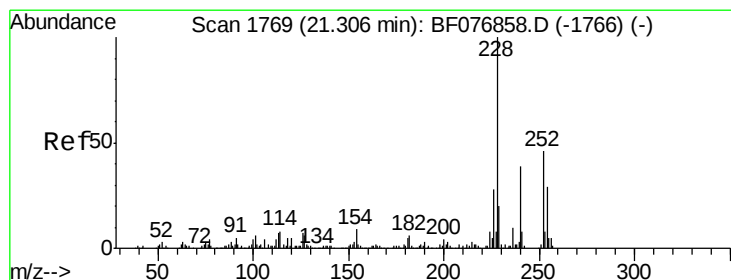
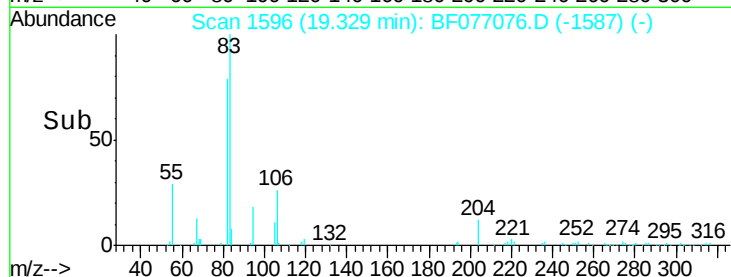
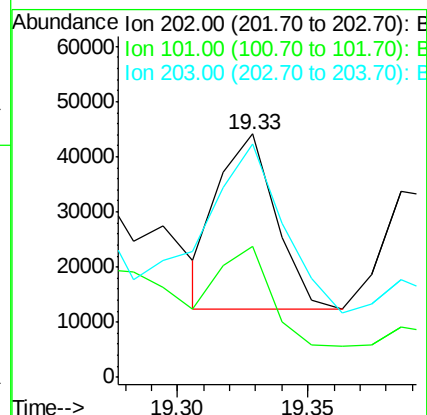
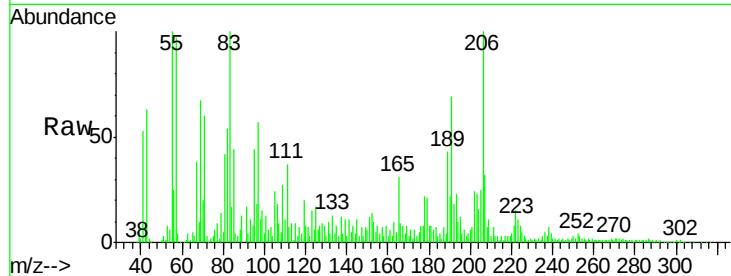
Tot Ion:202 Resp: 49203

Ion Ratio Lower Upper

202 100

101 53.8 0.0 30.7#

203 96.0 0.0 36.9#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.16 min Scan# 1756

Delta R.T. 0.02 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

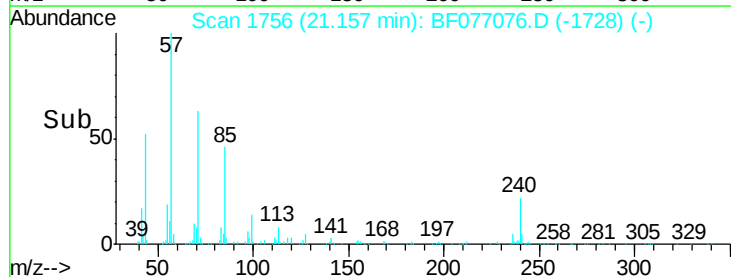
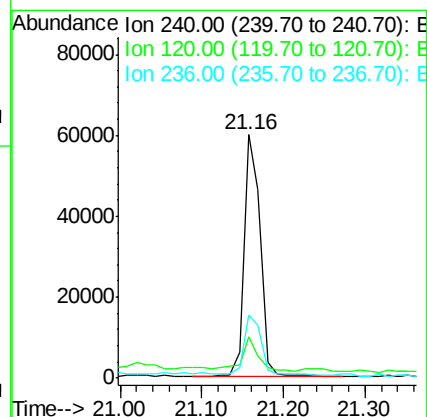
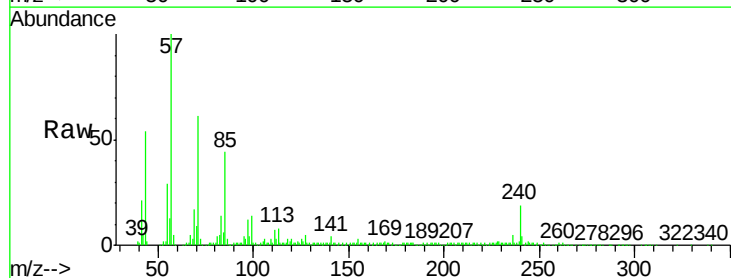
Tgt Ion:240 Resp: 81370

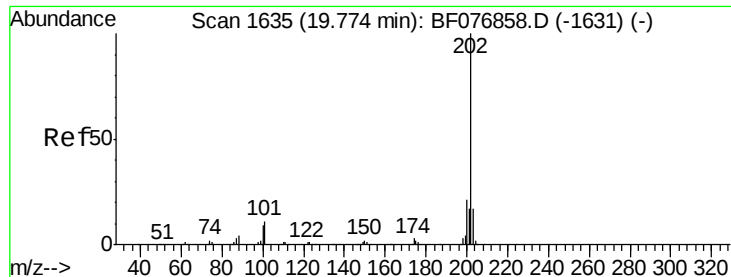
Ion Ratio Lower Upper

240 100

120 16.9 10.4 15.6#

236 25.9 20.2 30.2

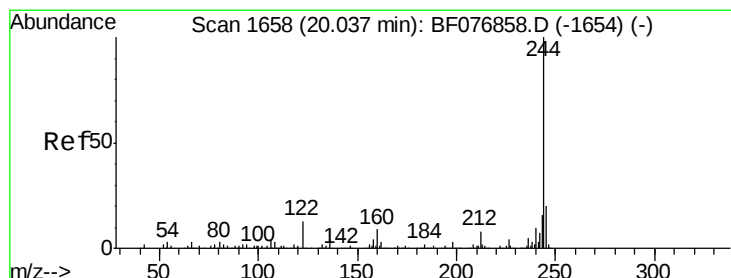
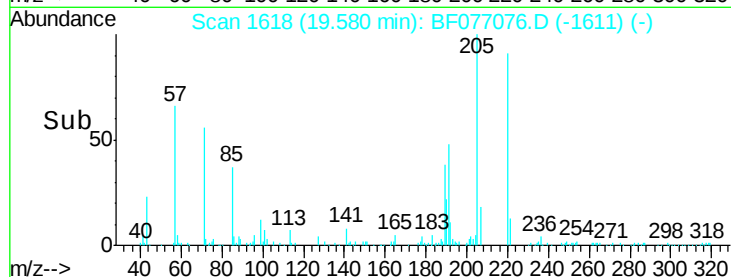
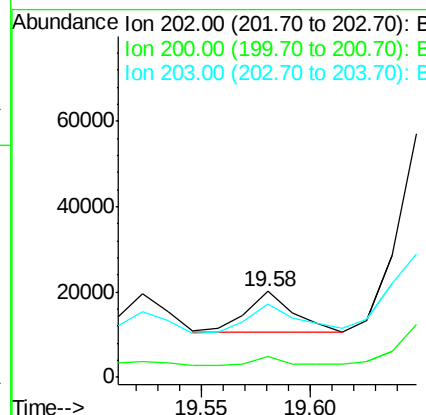
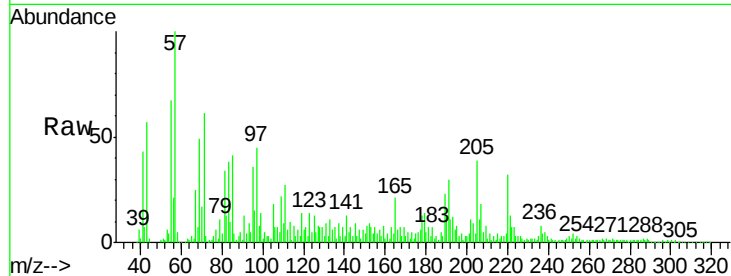




#77
Pvrene
Concen: 2.62 ng
RT: 19.58 min Scan# 1618
Delta R.T. -0.02 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

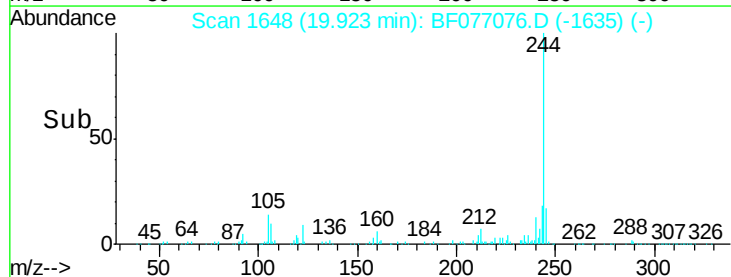
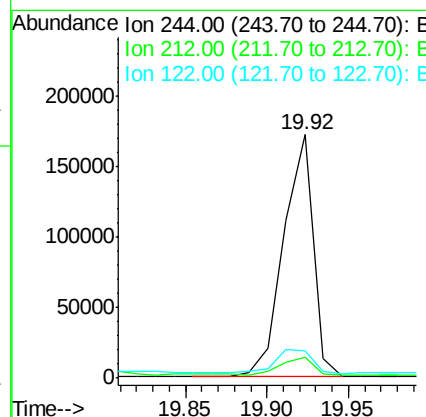
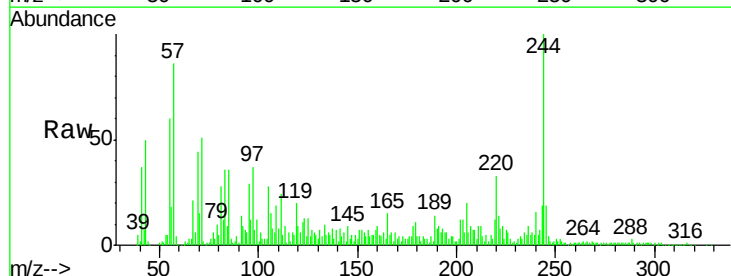
Instrument :
BNA_F
ClientSampleId :

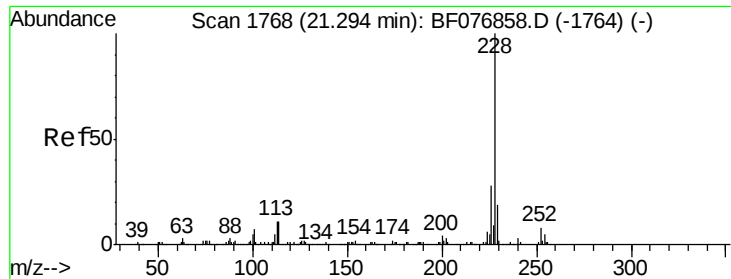
Tot Ion:202 Resp: 14595
Ion Ratio Lower Upper
202 100
200 23.8 16.7 25.1
203 85.0 14.0 21.0#



#78
Terphenyl-d14
Concen: 62.38 ng
RT: 19.92 min Scan# 1648
Delta R.T. 0.05 min
Lab File: BF077076.D
Acq: 27 Jan 2015 6:32

Tgt Ion:244 Resp: 220494
Ion Ratio Lower Upper
244 100
212 8.6 6.3 9.5
122 11.5 10.1 15.1





#80

Benzo(a)anthracene

Concen: 4.23 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.06 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

Instrument :

BNA_F

ClientSampleId :

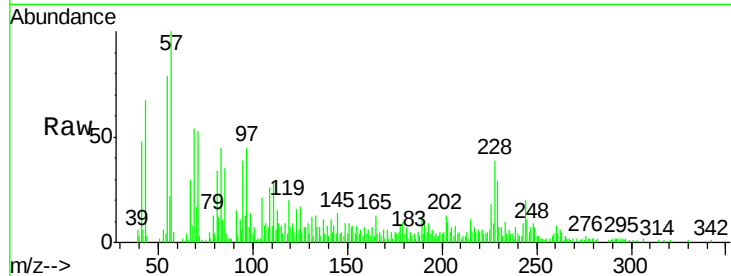
Tot Ion:228 Resp: 21584

Ion Ratio Lower Upper

228 100

226 47.2 22.1 33.1#

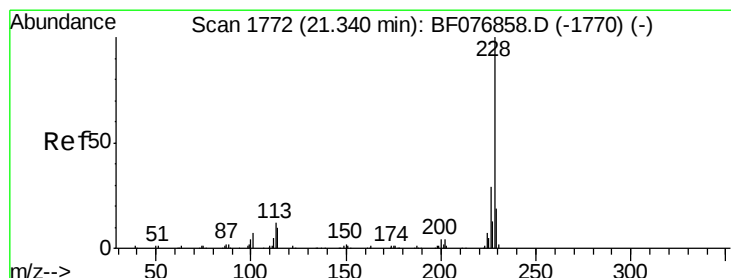
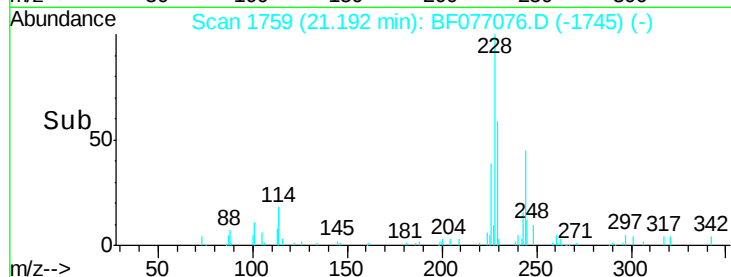
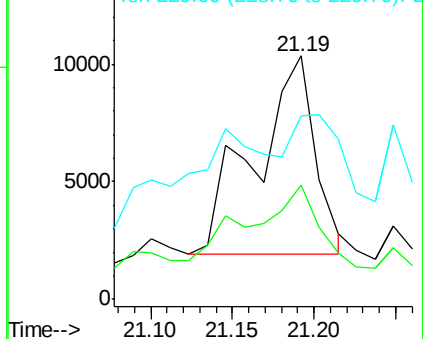
229 75.4 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 4.64 ng

RT: 21.19 min Scan# 1759

Delta R.T. 0.06 min

Lab File: BF077076.D

Acq: 27 Jan 2015 6:32

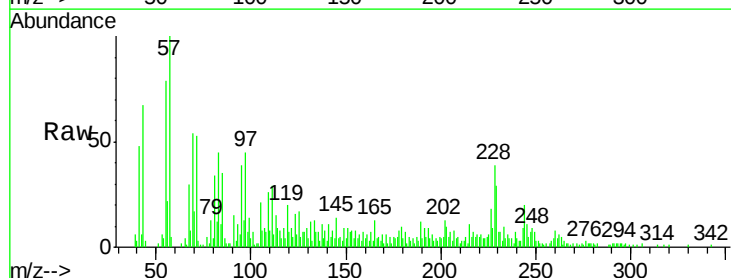
Tgt Ion:228 Resp: 21584

Ion Ratio Lower Upper

228 100

226 47.2 23.4 35.0#

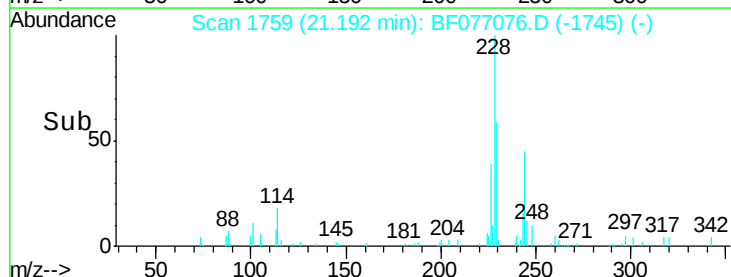
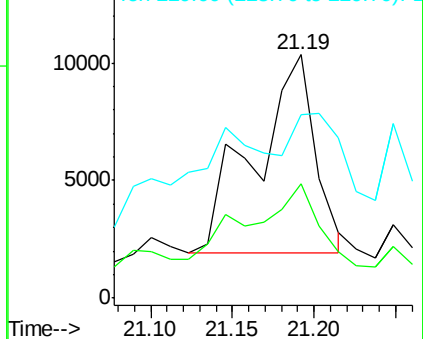
229 75.4 15.4 23.0#

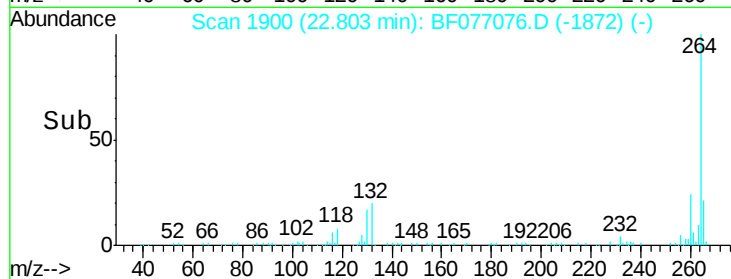
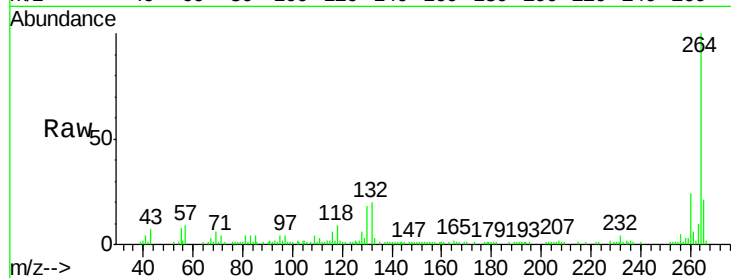
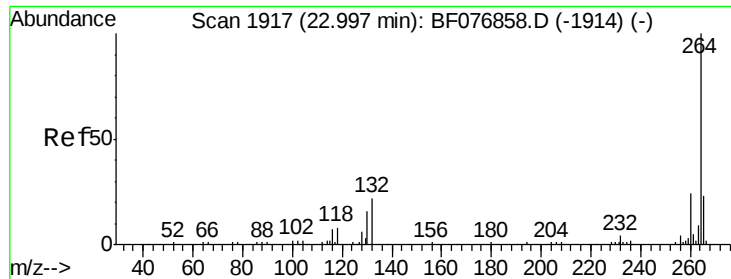


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 22.80 min Scan# 1900
 Delta R.T. 0.02 min
 Lab File: BF077076.D
 Acq: 27 Jan 2015 6:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	21.2	18.1	27.1

