

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082056.D
 Acq On : 5 Oct 2015 20:58
 Operator : UM/IZ
 Sample : G3846-16DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

Quant Time: Oct 06 01:24:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 05 17:58:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	46068	20.00	ng	0.02
21) Naphthalene-d8	8.21	136	83705	20.00	ng	0.03
38) Acenaphthene-d10	10.01	164	111521	20.00	ng	0.08
63) Phenanthrene-d10	11.49	188	73177	20.00	ng	0.07
75) Chrysene-d12	14.08	240	121385	20.00	ng	0.02
86) Perylene-d12	15.51	264	107997	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	319451	125.88	ng	0.00
7) Phenol-d6	6.51	99	398024	124.64	ng	0.00
23) Nitrobenzene-d5	7.46	82	308485	245.67	ng	0.01
41) 2,4,6-Tribromophenol	10.80	330	80075	70.90	ng	0.08
44) 2-Fluorobiphenyl	9.30	172	332943	45.58	ng	0.06
78) Terphenyl-d14	13.04	244	340551	93.02	ng	0.03

Target Compounds

						Qvalue
6) Aniline	6.58	93	9363	2.18	ng	# 1
9) Benzaldehyde	6.49	77	175322	83.84	ng	# 1
10) Phenol	6.56	94	10997	3.07	ng	# 1
11) bis(2-Chloroethyl)ether	6.58	93	9946	3.58	ng	# 1
15) Benzyl Alcohol	6.96	79	198484	86.11	ng	# 1
17) 2-Methylphenol	7.22	107	34544	15.20	ng	# 1
18) Hexachloroethane	7.47	117	952094	879.85	ng	# 1
19) n-Nitroso-di-n-propylamine	7.21	70	363650	187.37	ng	# 56
22) Acetophenone	7.30	105	1639795	958.14	ng	# 39
24) Nitrobenzene	7.59	77	315479	231.38	ng	# 25
25) Isophorone	7.76	82	310047	124.58	ng	# 1
26) 2-Nitrophenol	7.77	139	27163	41.50	ng	# 1
27) 2,4-Dimethylphenol	7.86	122	29081	25.26	ng	# 1
28) bis(2-Chloroethoxy)methane	7.98	93	50639	34.26	ng	# 1
29) 2,4-Dichlorophenol	8.07	162	49183	44.05	ng	# 1
30) 1,2,4-Trichlorobenzene	8.11	180	22310	17.90	ng	# 70
31) Naphthalene	8.25	128	2357232	635.54	ng	# 91
32) Benzoic acid	8.02	122	18130	29.64	ng	# 1
33) 4-Chloroaniline	8.25	127	447230	278.86	ng	# 41
35) Caprolactam	8.66	113	331121	1071.30	ng	# 1
36) 4-Chloro-3-methylphenol	8.70	107	70684	64.75	ng	# 30
37) 2-Methylnaphthalene	8.97	142	4992469	1971.93	ng	# 88
42) 2,4,6-Trichlorophenol	9.23	196	7687	3.28	ng	# 24
43) 2,4,5-Trichlorophenol	9.23	196	7687	3.18	ng	# 1
45) 1,1'-Biphenyl	9.41	154	818067	95.08	ng	# 93
46) 2-Chloronaphthalene	9.51	162	61724	9.14	ng	# 1
47) 2-Nitroaniline	9.55	65	152527	76.91	ng	# 13
48) Acenaphthylene	9.87	152	112200	10.38	ng	# 1
49) Dimethylphthalate	9.71	163	34056	4.42	ng	# 28
50) 2,6-Dinitrotoluene	9.84	165	113952	68.18	ng	# 77
51) Acenaphthene	10.06	154	77048	12.00	ng	# 1
52) 3-Nitroaniline	9.98	138	33909	17.54	ng	# 80
53) 2,4-Dinitrophenol	10.07	184	2299	5.51	ng	# 1
54) Dibenzofuran	10.22	168	384452	42.37	ng	# 1

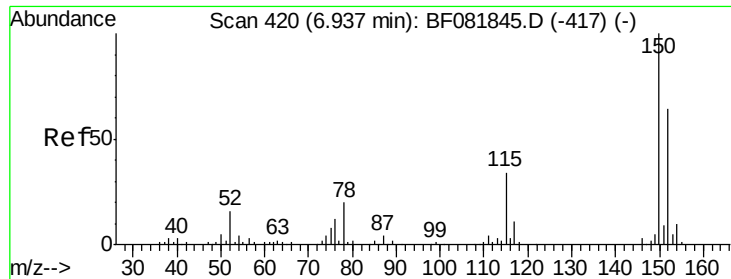
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100515\
 Data File : BF082056.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) 4-Nitrophenol	10.13	139	142983	102.35	ng	# 41
56) 2,4-Dinitrotoluene	10.22	165	178087	83.59	ng	# 60
57) Fluorene	10.56	166	447960	70.22	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.32	232	7559	3.95	ng	# 1
59) Diethylphthalate	10.47	149	17354	2.41	ng	# 1
60) 4-Chlorophenyl-phenylether	10.61	204	14317	4.31	ng	# 1
61) 4-Nitroaniline	10.47	138	16329	8.42	ng	# 28
62) Azobenzene	10.70	77	89134	12.70	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.55	198	7068	24.36	ng	# 1
65) n-Nitrosodiphenylamine	10.67	169	663534	299.69	ng	# 51
66) 4-Bromophenyl-phenylether	11.05	248	5669	7.68	ng	# 1
68) Atrazine	11.21	200	17069	24.85	ng	# 1
69) Pentachlorophenol	11.29	266	4447	9.37	ng	# 24
70) Phenanthrene	11.52	178	1994829	586.51	ng	# 91
71) Anthracene	11.52	178	1994829	536.34	ng	# 92
72) Carbazole	11.70	167	125566	37.30	ng	# 15
74) Fluoranthene	12.69	202	79569	20.30	ng	# 74
76) Benzidine	12.78	184	7999	2.19	ng	# 1
77) Pyrene	12.86	202	46049	6.35	ng	# 15
79) Butylbenzylphthalate	13.61	149	7155	2.62	ng	# 1
80) Benzo(a)anthracene	14.10	228	56862	8.70	ng	# 65
82) Chrysene	14.10	228	56005	7.57	ng	# 67

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

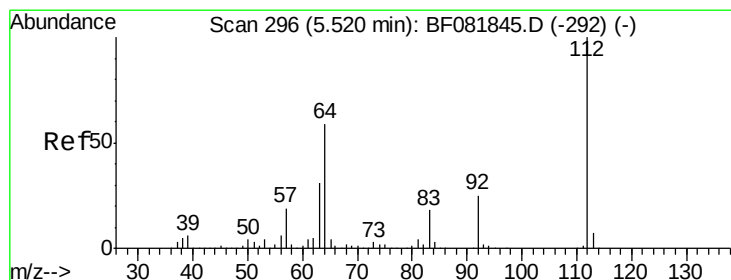
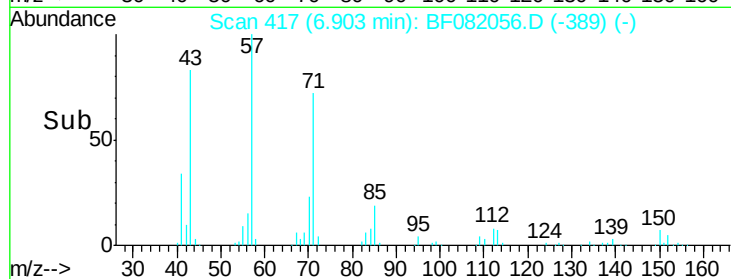
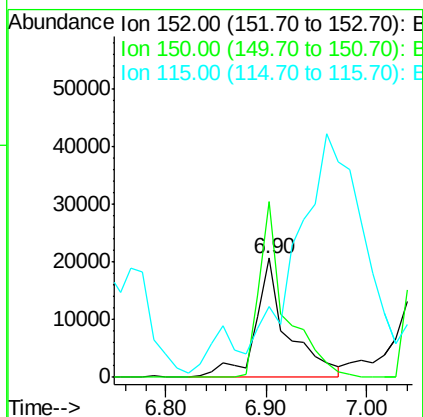
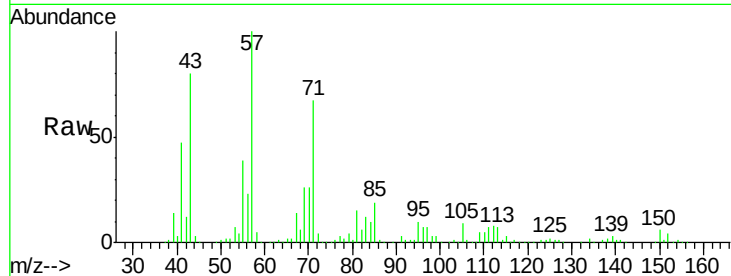


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 417
Delta R.T. 0.02 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

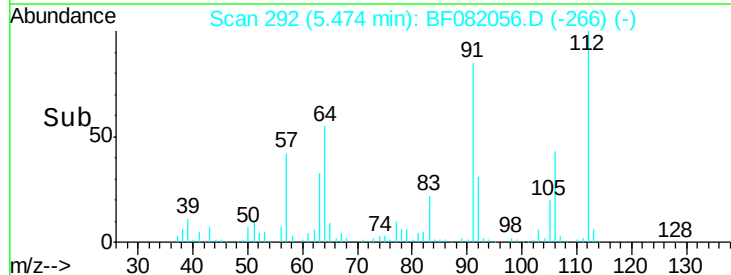
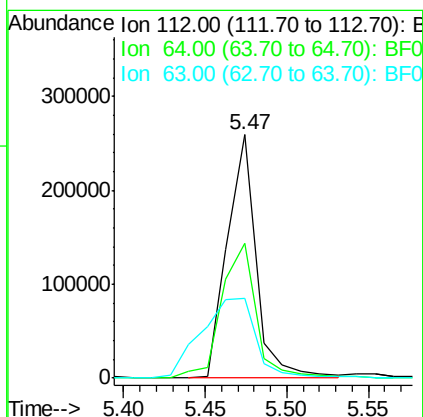
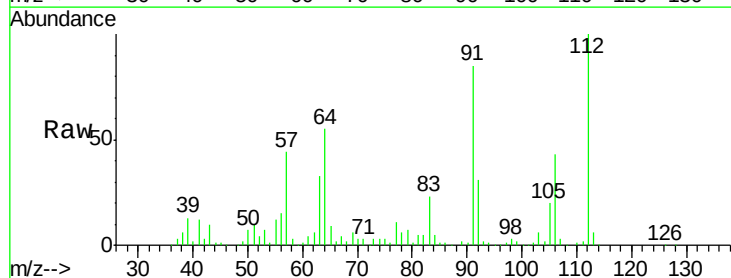
Tgt Ion:152 Resp: 46068
Ion Ratio Lower Upper
152 100
150 147.3 124.7 187.1
115 59.3 39.0 58.4#

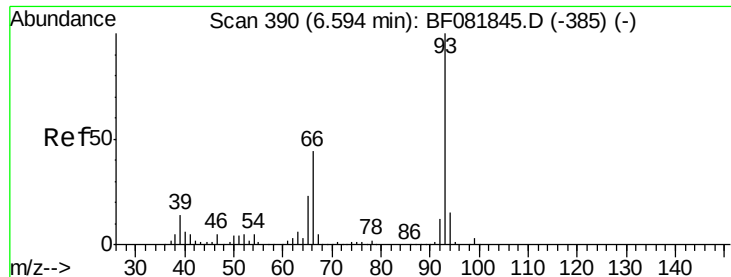


#5

2-Fluorophenol
Concen: 125.88 ng
RT: 5.47 min Scan# 292
Delta R.T. -0.00 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion:112 Resp: 319451
Ion Ratio Lower Upper
112 100
64 55.2 39.7 59.5
63 32.9 17.4 26.0#





#6

Aniline

Concen: 2.18 ng

RT: 6.58 min Scan# 389

Delta R.T. 0.03 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

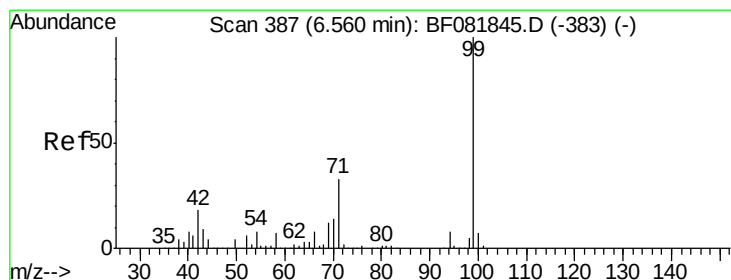
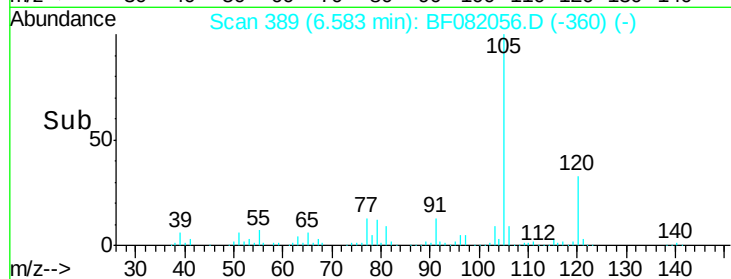
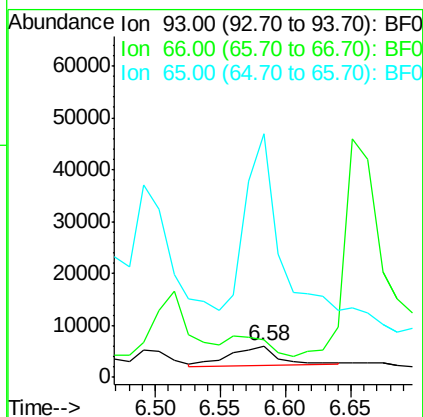
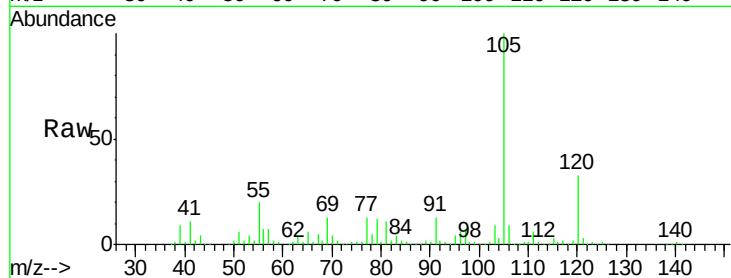
Tgt Ion: 93 Resp: 9363

Ion Ratio Lower Upper

93 100

66 121.5 27.2 40.8#

65 776.3 14.7 22.1#



#7

Phenol-d6

Concen: 124.64 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

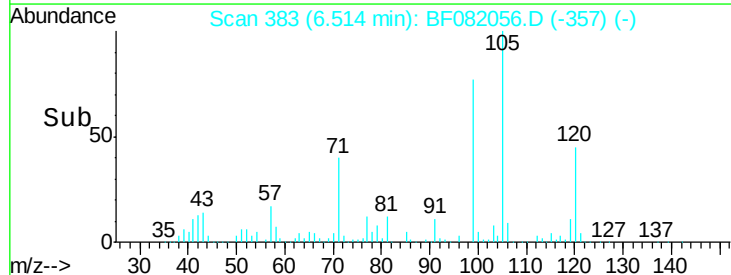
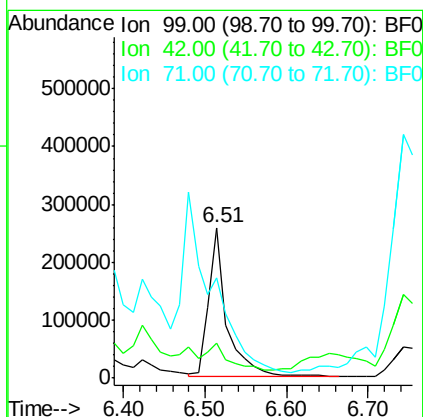
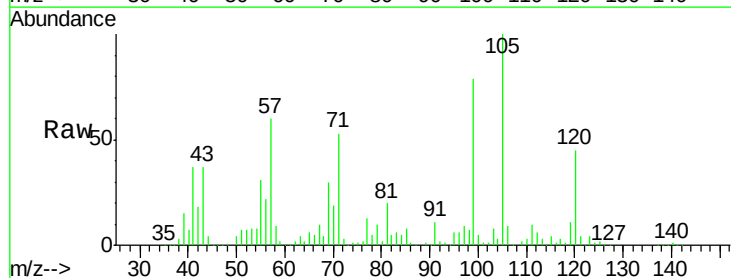
Tgt Ion: 99 Resp: 398024

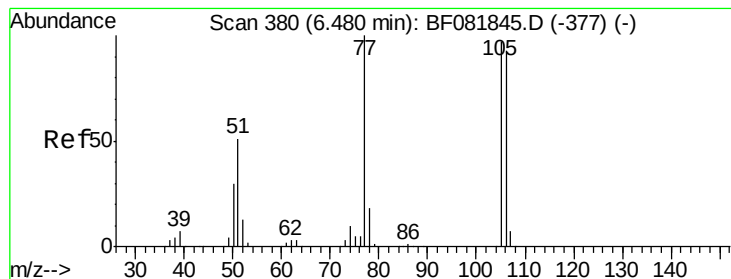
Ion Ratio Lower Upper

99 100

42 23.3 13.7 20.5#

71 66.6 14.2 21.2#





#9

Benzaldehyde

Concen: 83.84 ng

RT: 6.49 min Scan# 381

Delta R.T. 0.06 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

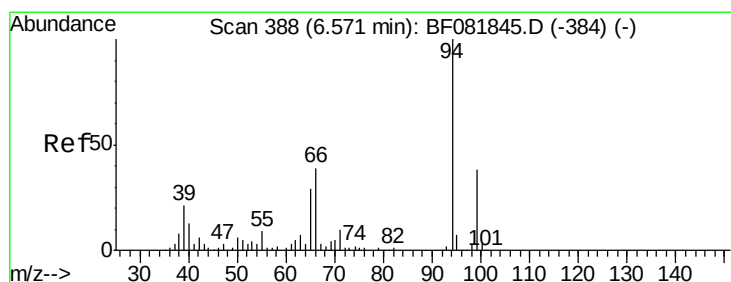
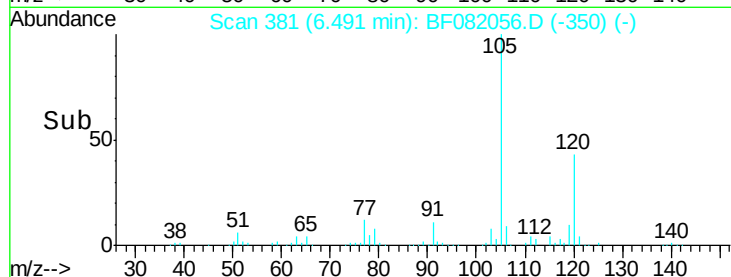
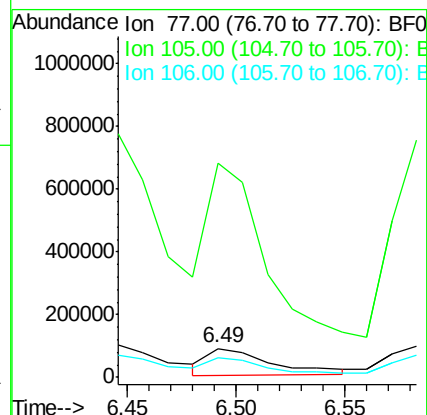
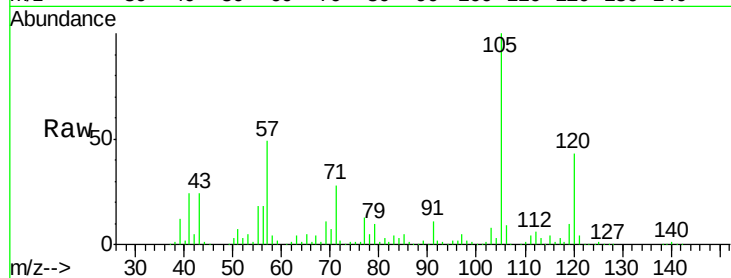
Tgt Ion: 77 Resp: 175322

Ion Ratio Lower Upper

77 100

105 745.1 91.6 131.6#

106 68.1 102.6 142.6#



#10

Phenol

Concen: 3.07 ng

RT: 6.56 min Scan# 387

Delta R.T. 0.03 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

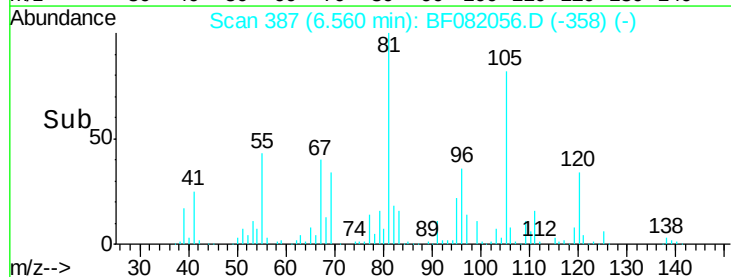
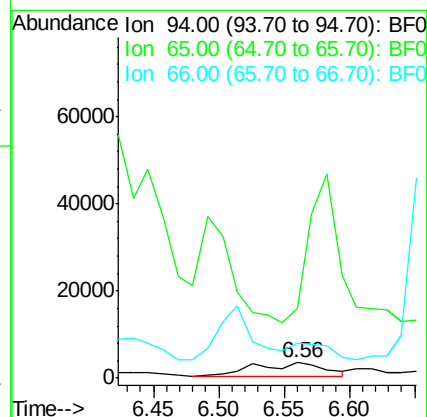
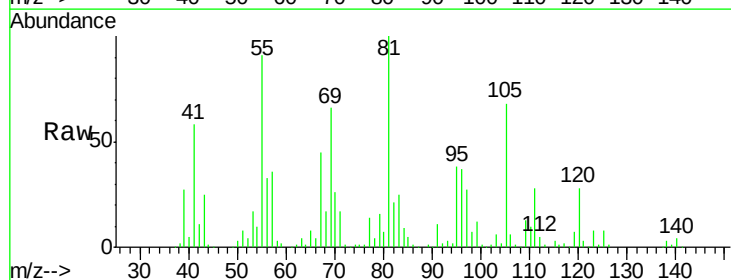
Tgt Ion: 94 Resp: 10997

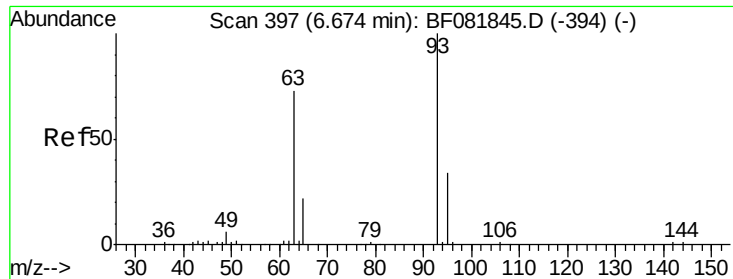
Ion Ratio Lower Upper

94 100

65 438.9 0.7 40.7#

66 223.8 0.8 40.8#

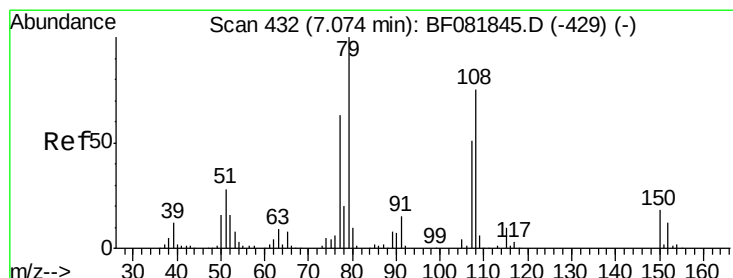
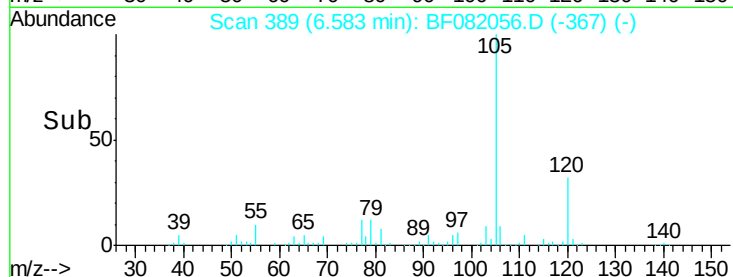
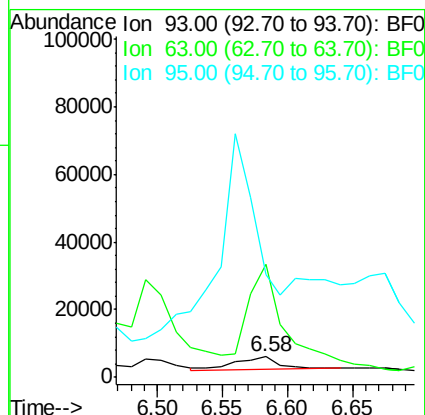
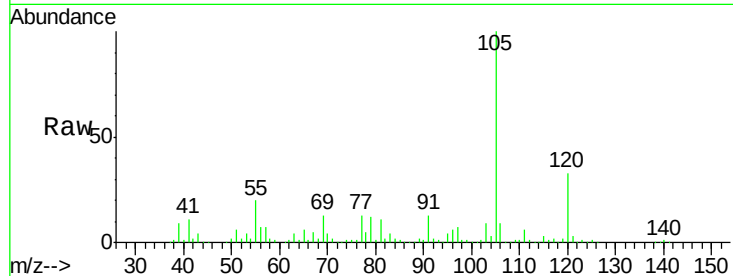




#11
bis(2-Chloroethyl)ether
Concen: 3.58 ng
RT: 6.58 min Scan# 389
Delta R.T. -0.05 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

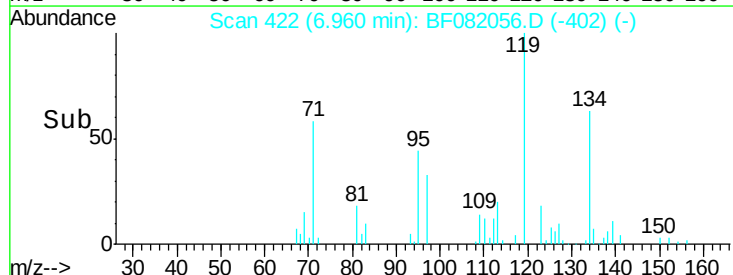
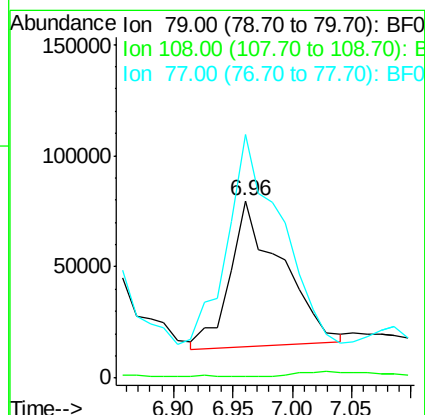
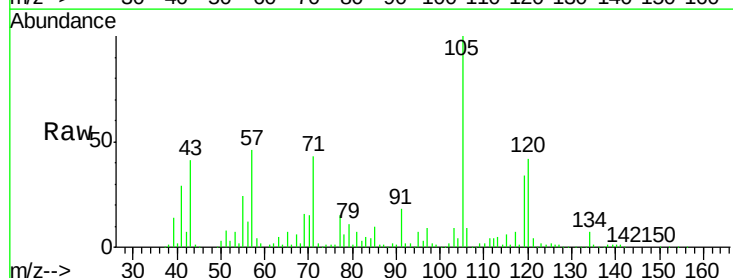
Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

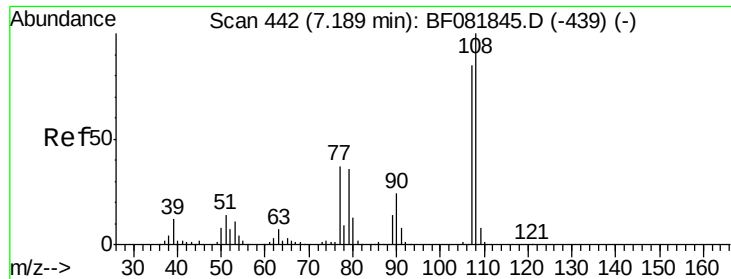
Tgt Ion: 93 Resp: 9946
Ion Ratio Lower Upper
93 100
63 550.4 65.6 105.6#
95 503.8 13.6 53.6#



#15
Benzyl Alcohol
Concen: 86.11 ng
RT: 6.96 min Scan# 422
Delta R.T. -0.07 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion: 79 Resp: 198484
Ion Ratio Lower Upper
79 100
108 1.0 88.6 132.8#
77 137.5 47.0 70.4#

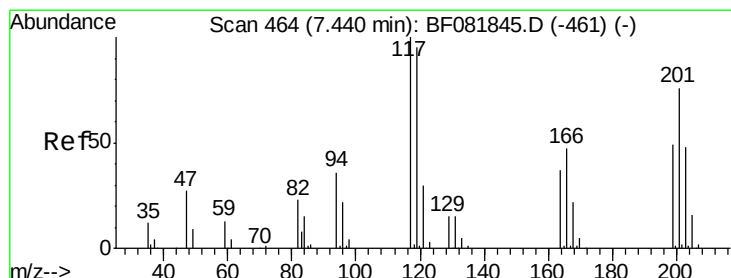
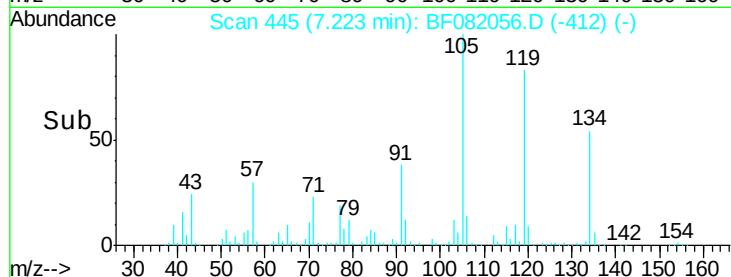
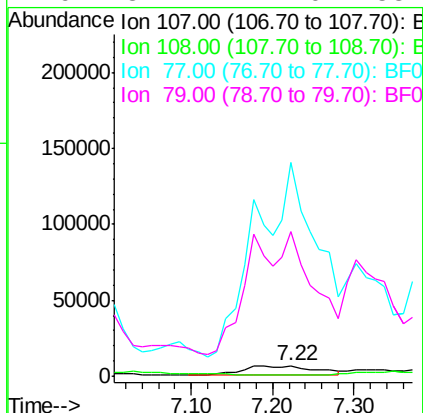
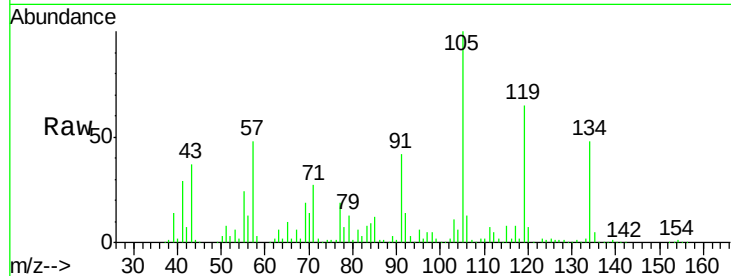




#17
2-Methylphenol
Concen: 15.20 ng
RT: 7.22 min Scan# 445
Delta R.T. 0.08 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

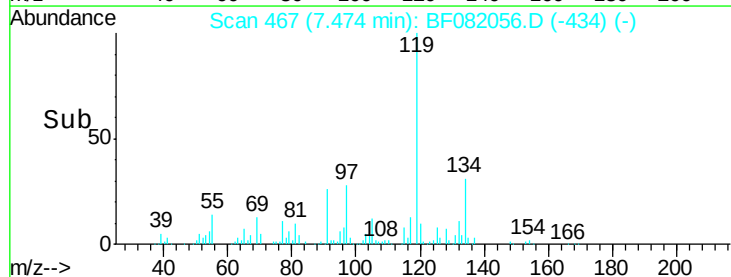
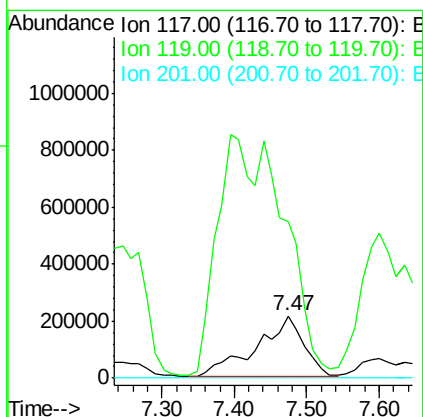
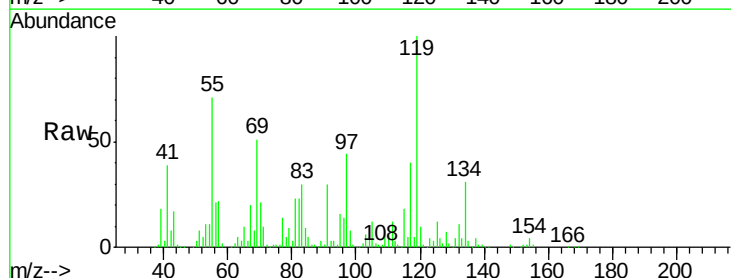
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016-TB-13(4-8)

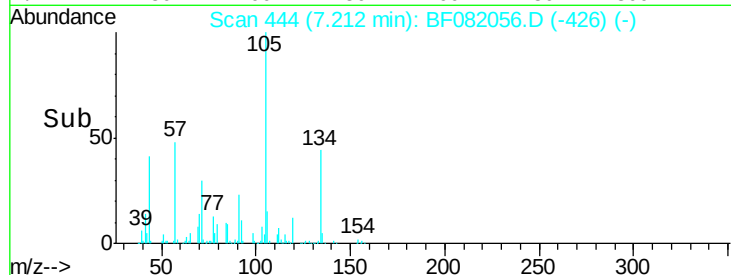
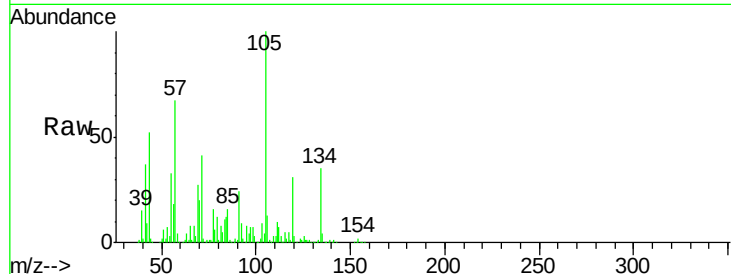
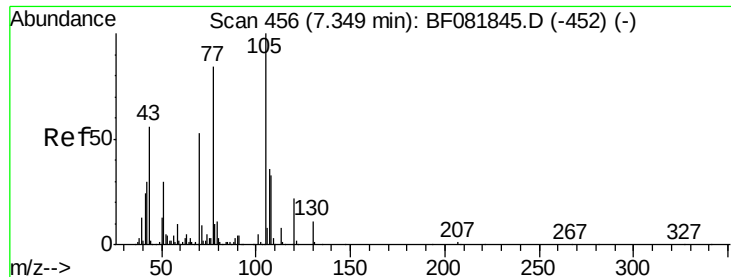
Tgt Ion:107 Resp: 34544
Ion Ratio Lower Upper
107 100
108 11.9 96.6 145.0#
77 1975.5 23.3 34.9#
79 1342.1 22.0 33.0#



#18
Hexachloroethane
Concen: 879.85 ng
RT: 7.47 min Scan# 467
Delta R.T. 0.08 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion:117 Resp: 952094
Ion Ratio Lower Upper
117 100
119 251.5 83.8 125.6#
201 0.0 55.1 82.7#

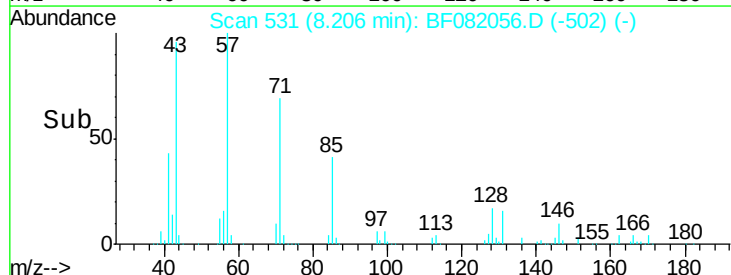
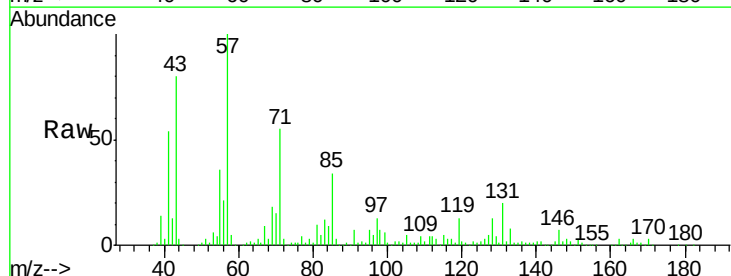
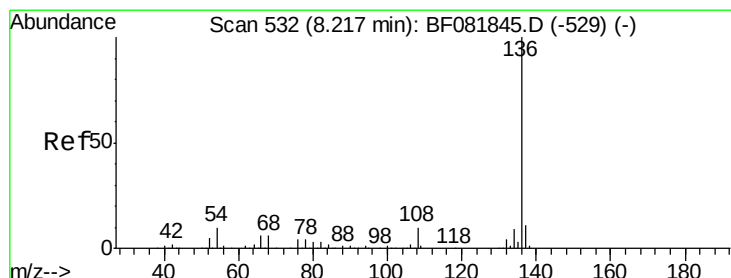
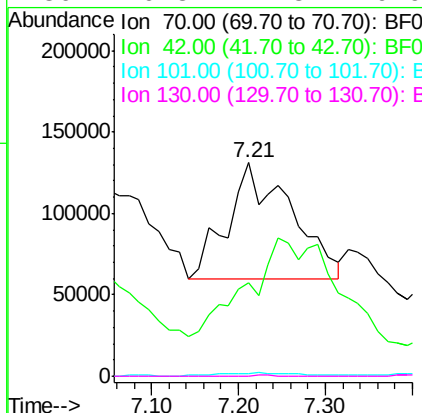




#19
n-Nitroso-di-n-propylamine
Concen: 187.37 ng
RT: 7.21 min Scan# 444
Delta R.T. -0.09 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

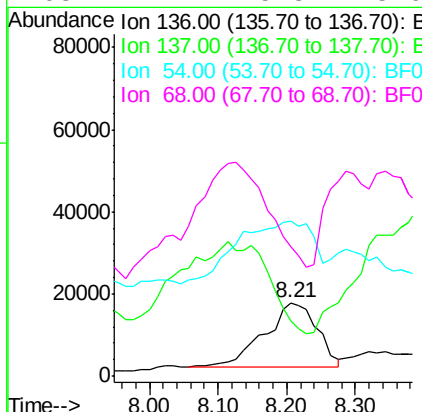
Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

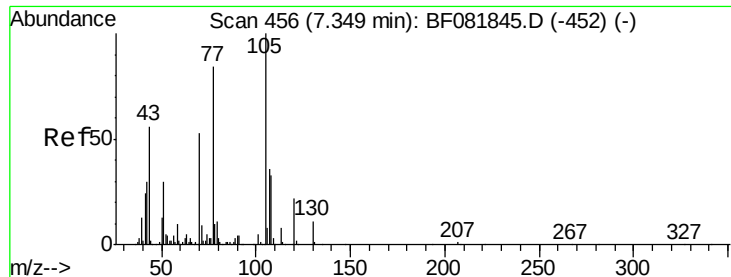
Tgt Ion:	70	Resp:	363650
Ion	Ratio	Lower	Upper
70	100		
42	43.7	63.8	95.6#
101	1.2	9.2	13.8#
130	0.3	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.03 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion:	136	Resp:	83705
Ion	Ratio	Lower	Upper
136	100		
137	75.3	9.0	13.6#
54	211.7	8.2	12.2#
68	177.1	5.8	8.6#





#22

Acetophenone

Concen: 958.14 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

Tgt Ion:105 Resp: 1639795

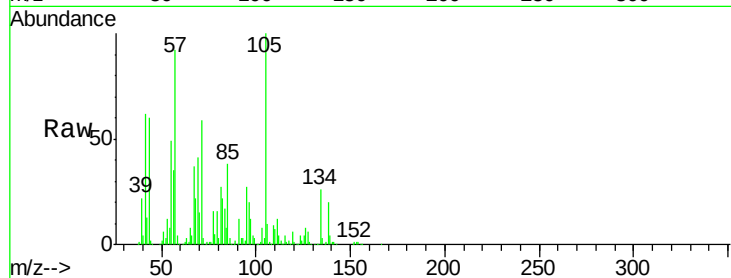
Ion Ratio Lower Upper

105 100

71 58.7 4.7 7.1#

51 6.0 22.0 33.0#

120 0.7 30.1 45.1#

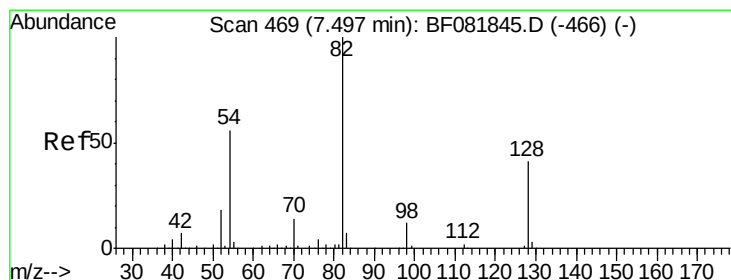
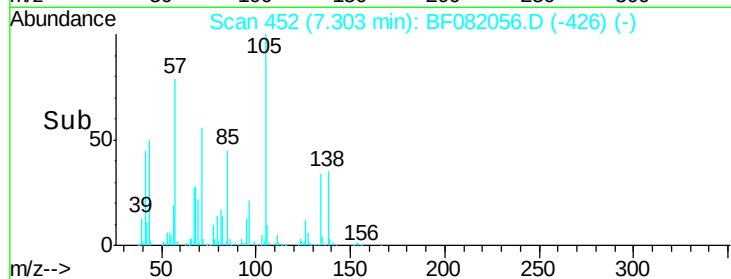
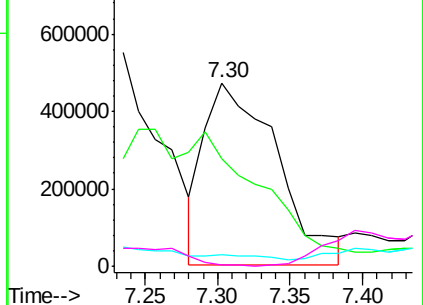


Abundance Ion 105.00 (104.70 to 105.70): E

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: 245.67 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.01 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

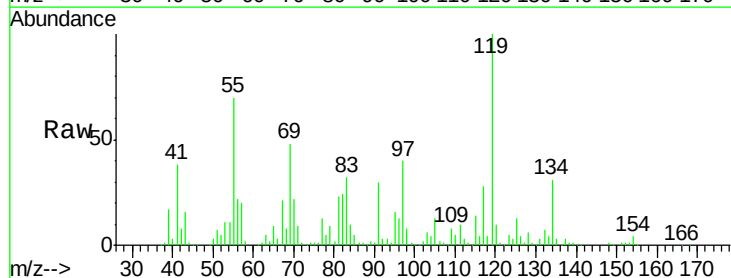
Tgt Ion: 82 Resp: 308485

Ion Ratio Lower Upper

82 100

128 26.1 51.0 76.6#

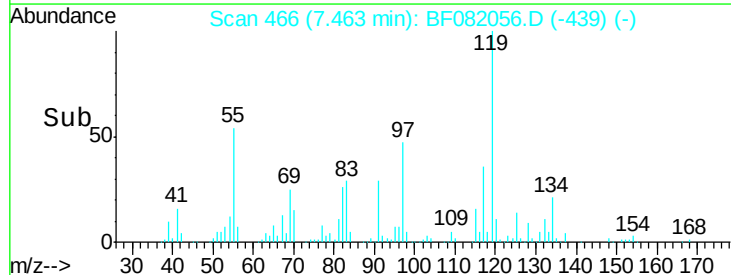
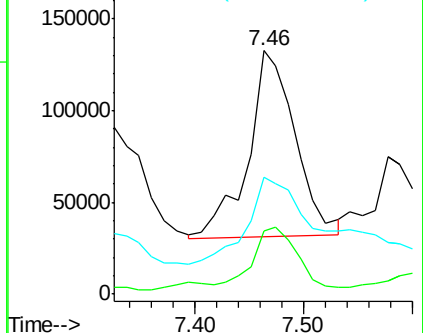
54 48.0 47.5 71.3

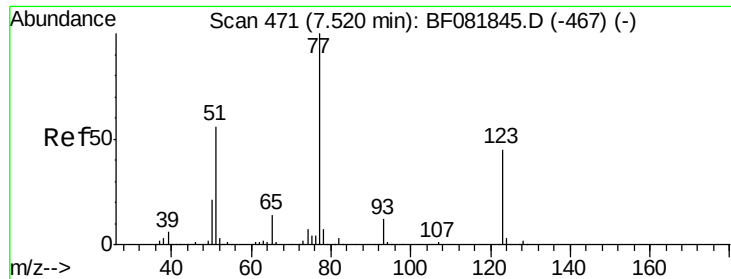


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

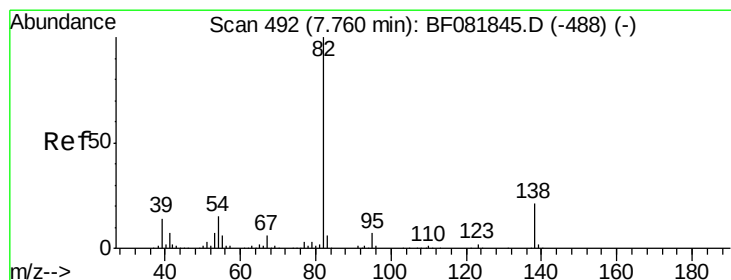
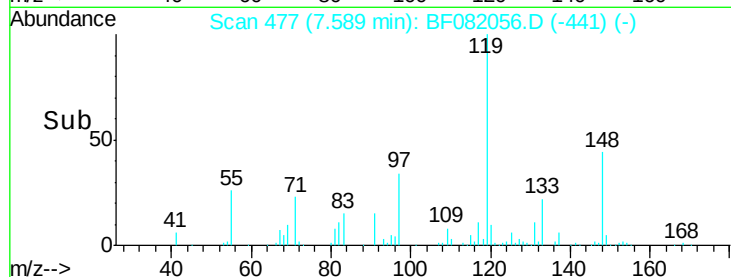
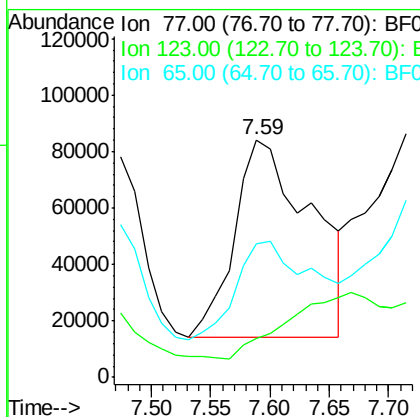
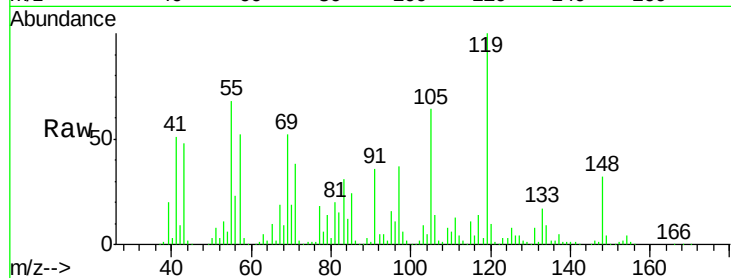




#24
 Nitrobenzene
 Concen: 231.38 ng
 RT: 7.59 min Scan# 477
 Delta R.T. 0.11 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

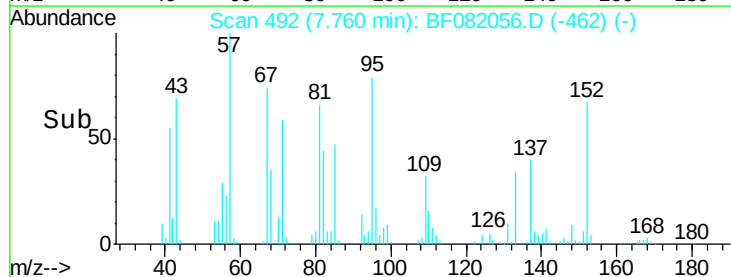
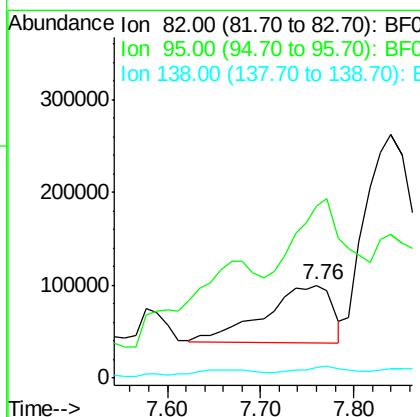
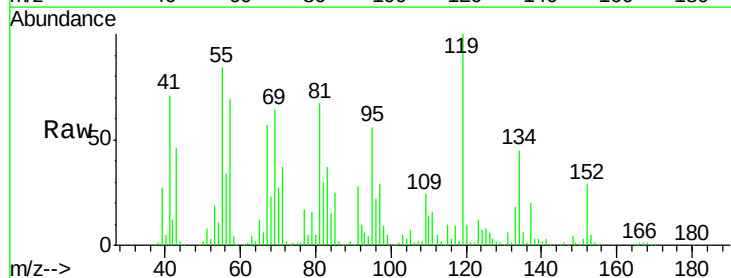
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

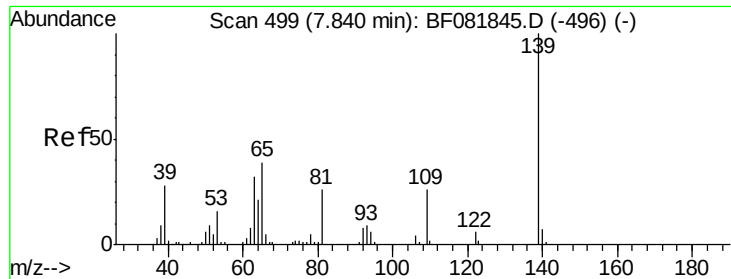
Tgt Ion: 77 Resp: 315479
 Ion Ratio Lower Upper
 77 100
 123 16.2 59.8 89.8#
 65 56.2 10.2 15.4#



#25
 Isophorone
 Concen: 124.58 ng
 RT: 7.76 min Scan# 492
 Delta R.T. 0.05 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion: 82 Resp: 310047
 Ion Ratio Lower Upper
 82 100
 95 184.0 4.0 6.0#
 138 10.8 18.3 27.5#

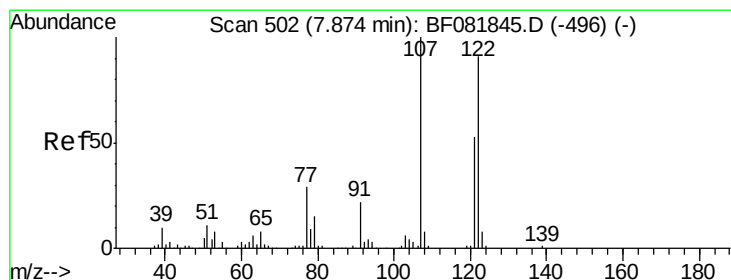
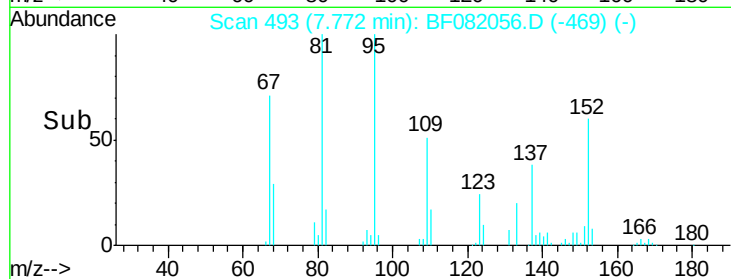
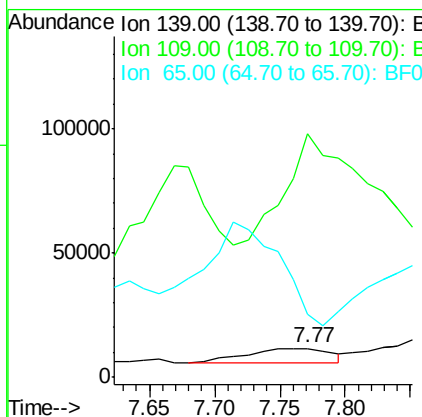
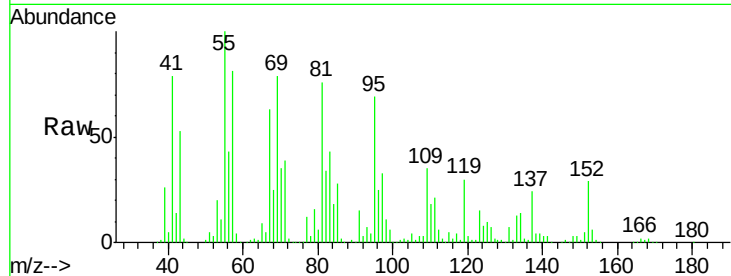




#26
 2-Nitrophenol
 Concen: 41.50 ng
 RT: 7.77 min Scan# 493
 Delta R.T. -0.02 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

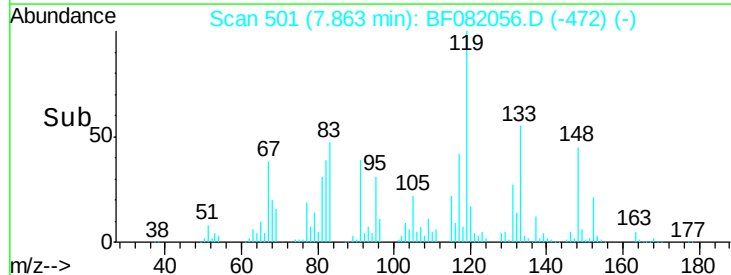
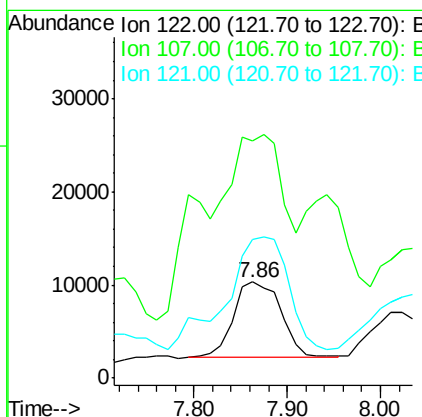
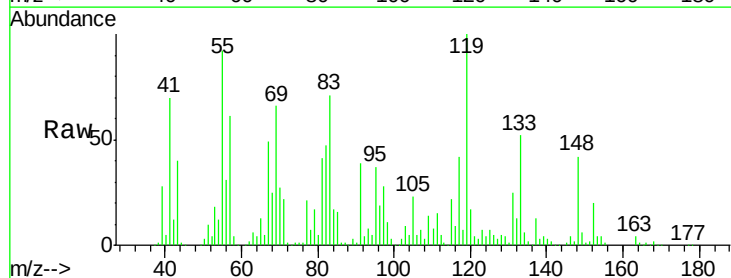
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

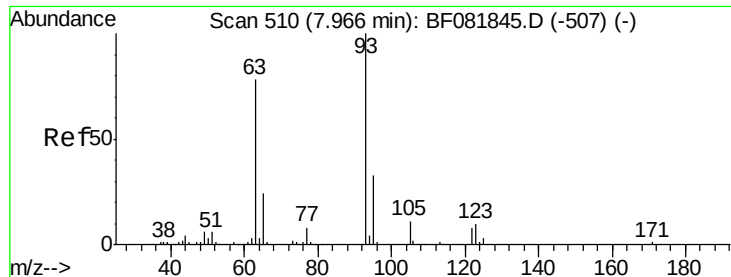
Tgt Ion:139 Resp: 27163
 Ion Ratio Lower Upper
 139 100
 109 840.1 11.0 16.4#
 65 217.3 24.7 37.1#



#27
 2,4-Dimethylphenol
 Concen: 25.26 ng
 RT: 7.86 min Scan# 501
 Delta R.T. 0.03 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:122 Resp: 29081
 Ion Ratio Lower Upper
 122 100
 107 246.8 71.8 107.6#
 121 143.8 42.3 63.5#





#28

bis(2-Chloroethoxy)methane

Concen: 34.26 ng

RT: 7.98 min Scan# 511

Delta R.T. 0.05 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

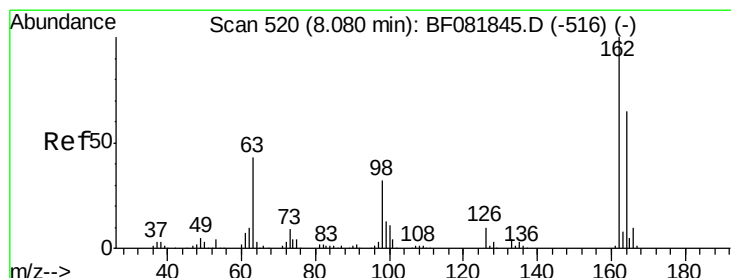
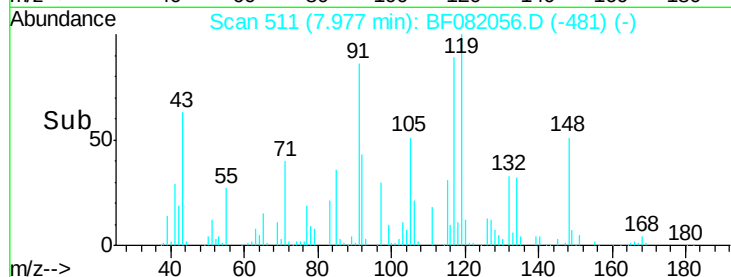
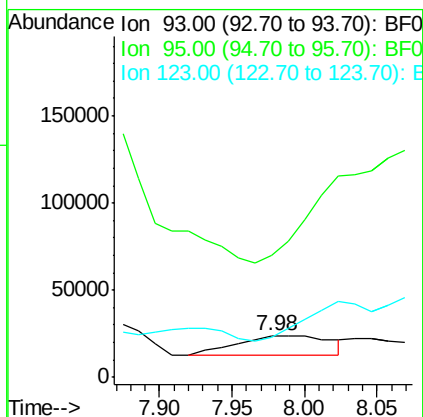
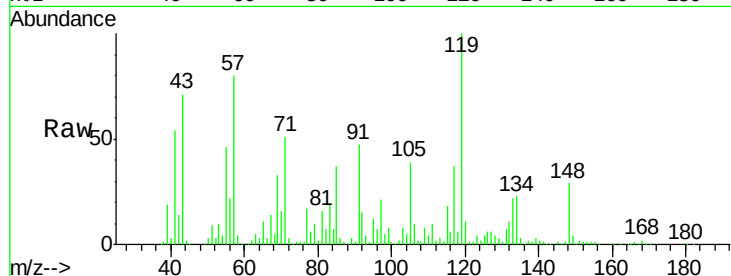
Tgt Ion: 93 Resp: 50639

Ion Ratio Lower Upper

93 100

95 291.9 27.5 41.3#

123 97.2 13.7 20.5#



#29

2,4-Dichlorophenol

Concen: 44.05 ng

RT: 8.07 min Scan# 519

Delta R.T. 0.03 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

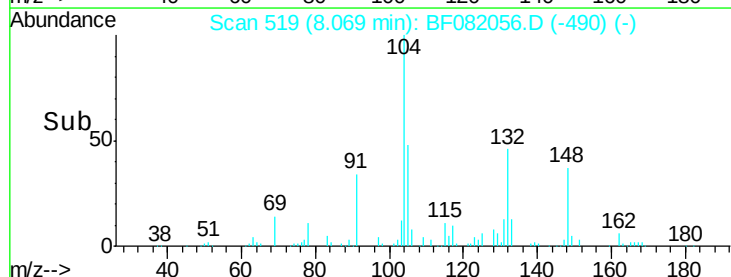
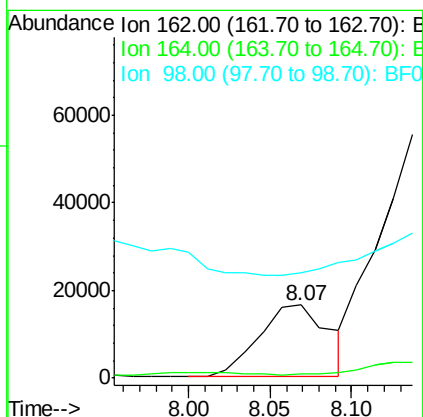
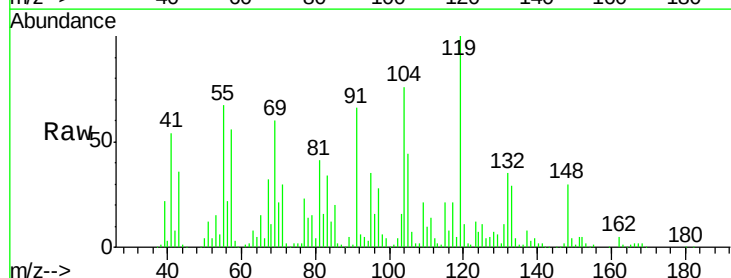
Tgt Ion: 162 Resp: 49183

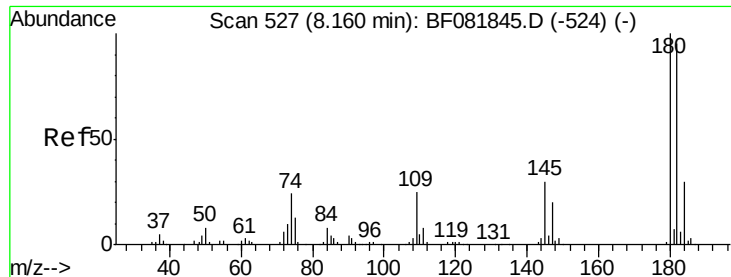
Ion Ratio Lower Upper

162 100

164 5.3 44.9 84.9#

98 144.1 13.0 53.0#

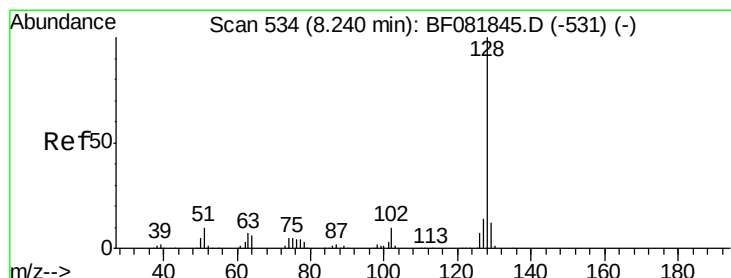
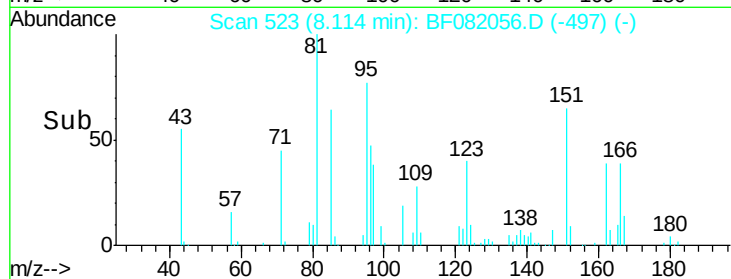
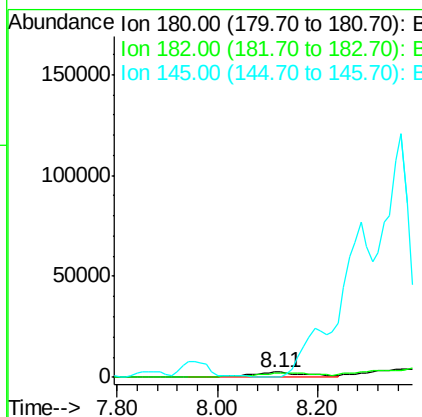
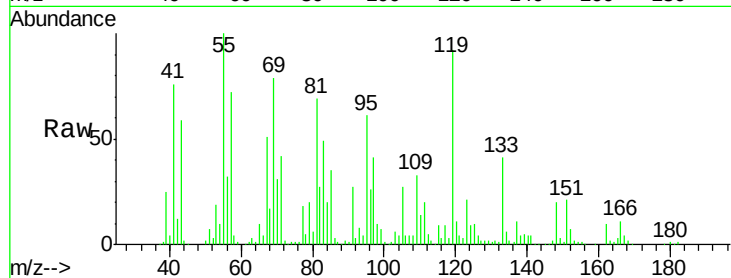




#30
 1,2,4-Trichlorobenzene
 Concen: 17.90 ng
 RT: 8.11 min Scan# 523
 Delta R.T. -0.00 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

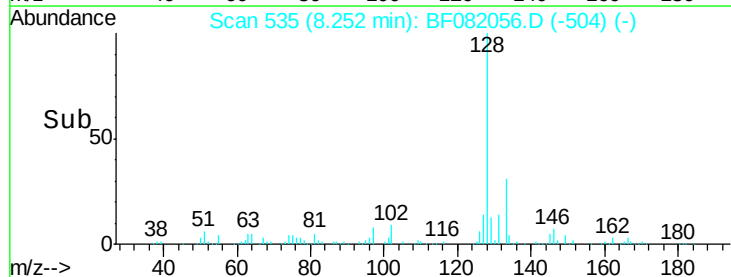
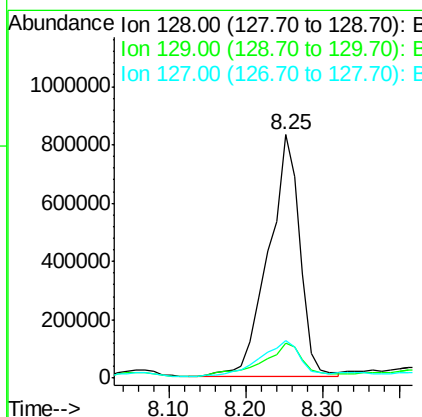
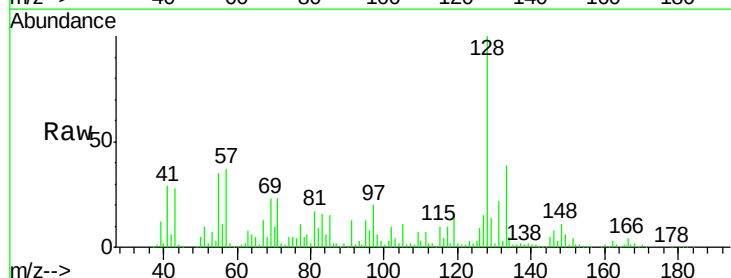
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

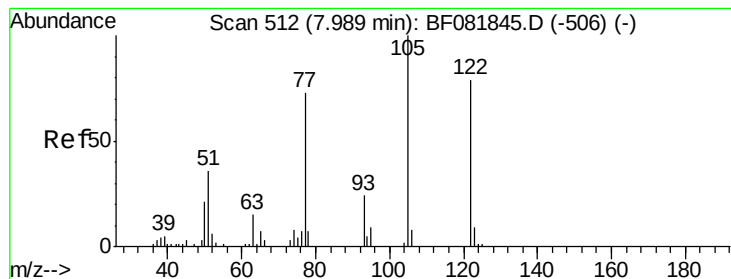
Tgt Ion:180 Resp: 22310
 Ion Ratio Lower Upper
 180 100
 182 67.9 77.1 115.7#
 145 11.2 23.3 34.9#



#31
 Naphthalene
 Concen: 635.54 ng
 RT: 8.25 min Scan# 535
 Delta R.T. 0.06 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:128 Resp: 2357232
 Ion Ratio Lower Upper
 128 100
 129 14.4 8.4 12.6#
 127 15.4 9.9 14.9#





#32

Benzoic acid

Concen: 29.64 ng

RT: 8.02 min Scan# 515

Delta R.T. 0.07 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

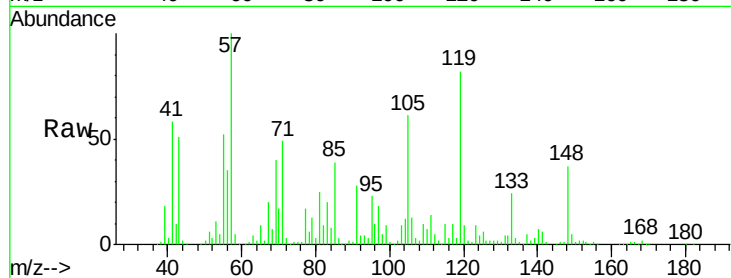
Tgt Ion:122 Resp: 18130

Ion Ratio Lower Upper

122 100

105 4395.9 76.1 116.1#

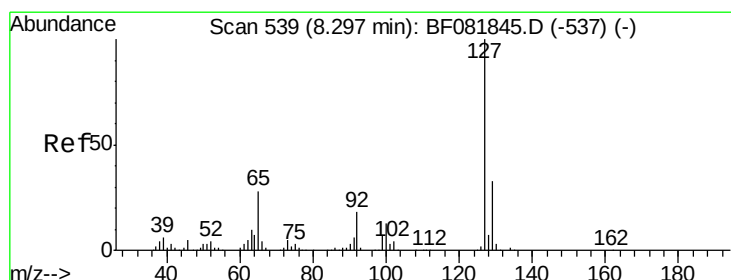
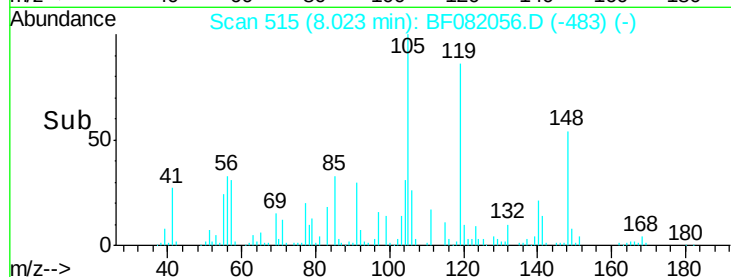
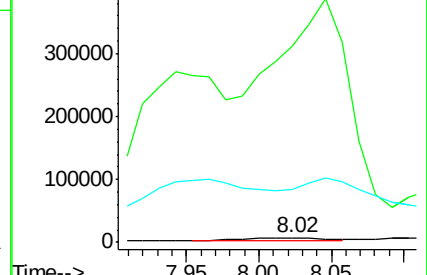
77 1197.7 40.5 80.5#



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



#33

4-Chloroaniline

Concen: 278.86 ng

RT: 8.25 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Tgt Ion:127 Resp: 447230

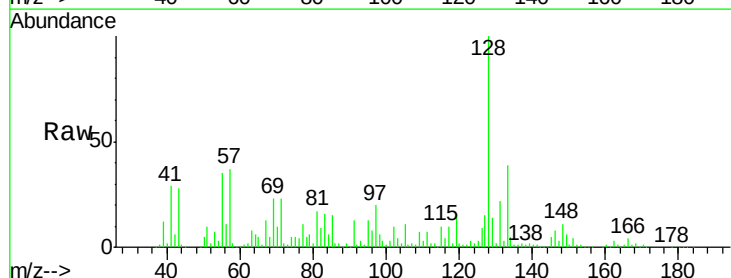
Ion Ratio Lower Upper

127 100

129 93.8 25.8 38.6#

65 29.4 17.9 26.9#

92 9.7 10.5 15.7#

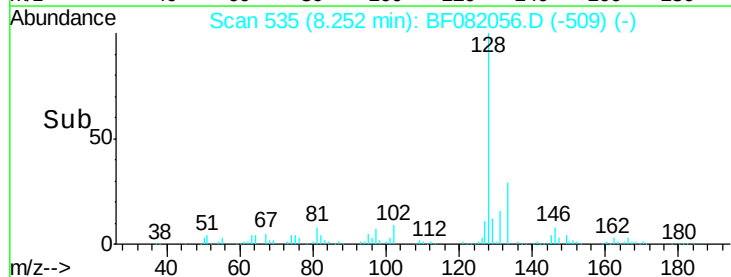
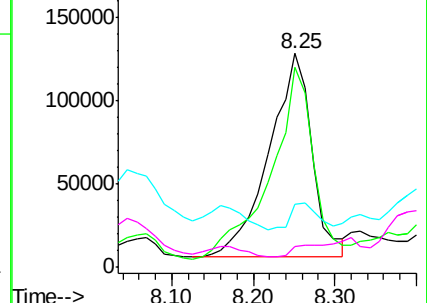


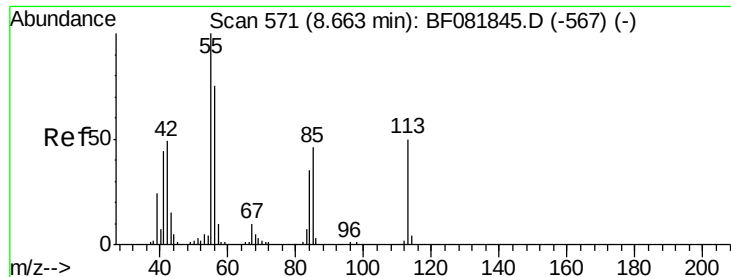
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 1071.30 ng

RT: 8.66 min Scan# 571

Delta R.T. 0.03 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

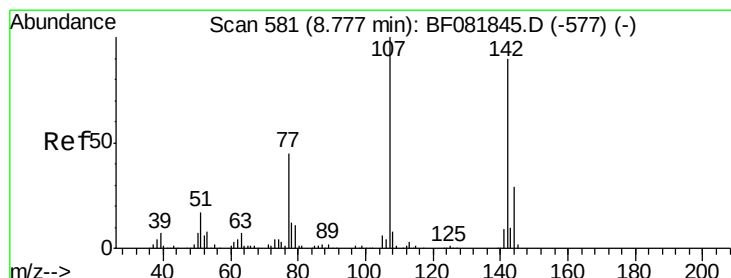
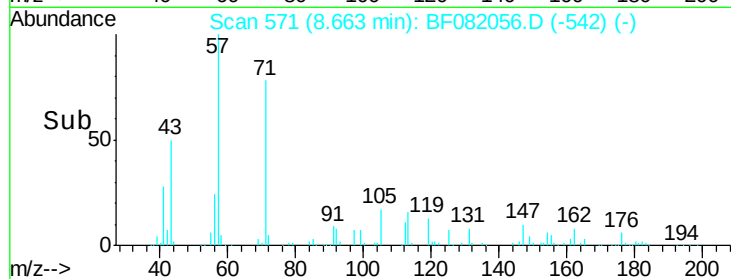
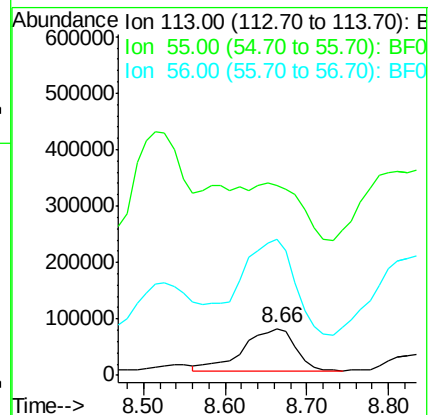
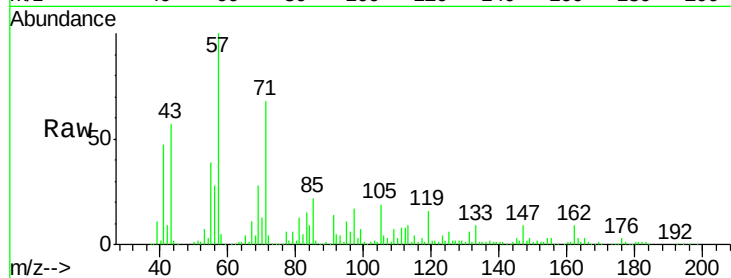
Tgt Ion:113 Resp: 331121

Ion Ratio Lower Upper

113 100

55 408.5 152.4 192.4#

56 292.6 104.6 144.6#



#36

4-Chloro-3-methylphenol

Concen: 64.75 ng

RT: 8.70 min Scan# 574

Delta R.T. -0.03 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

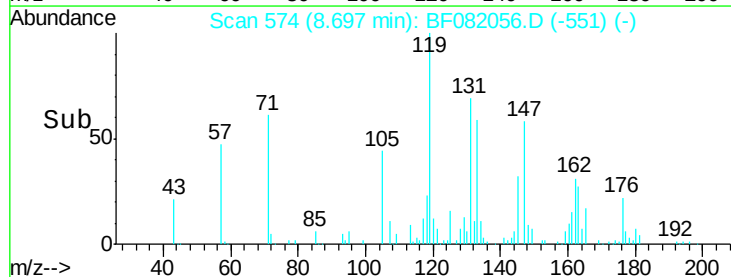
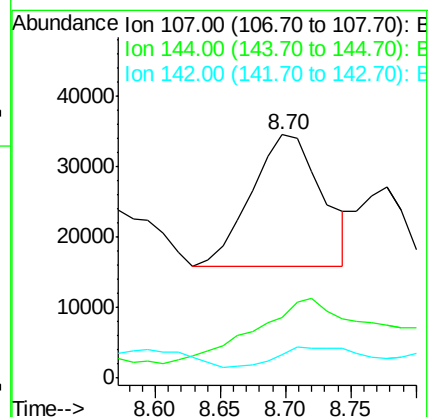
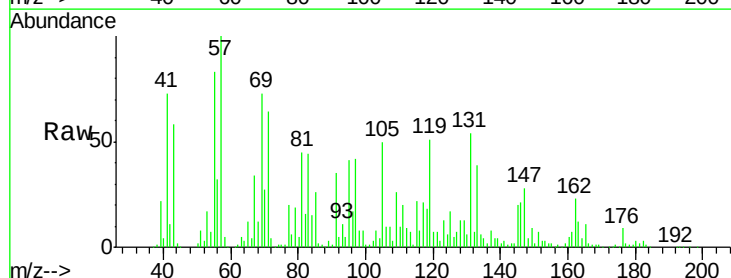
Tgt Ion:107 Resp: 70684

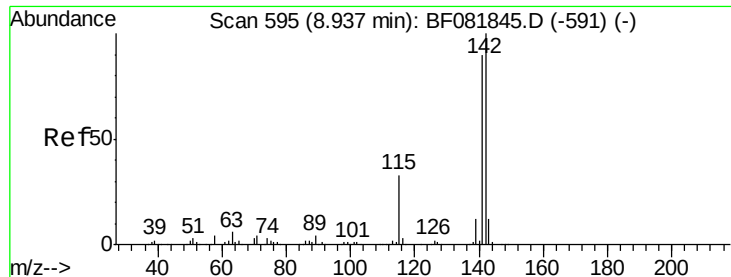
Ion Ratio Lower Upper

107 100

144 24.9 25.4 38.0#

142 9.6 77.3 115.9#

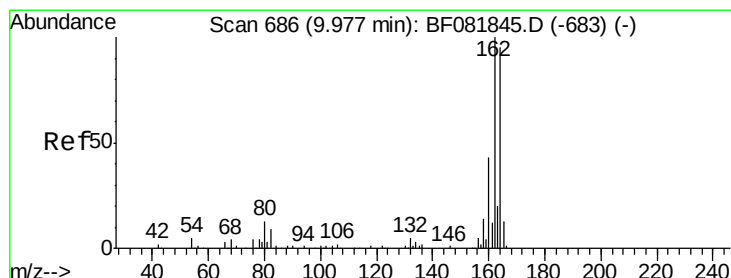
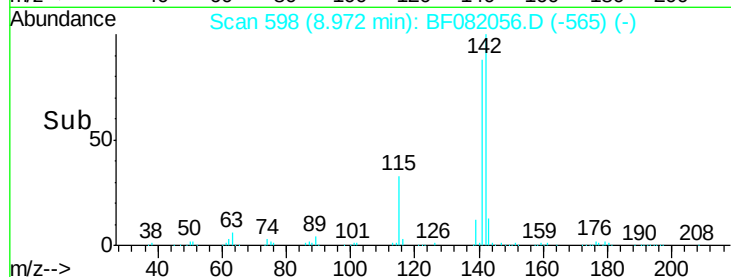
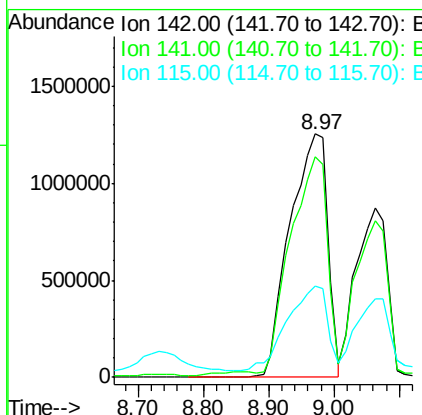
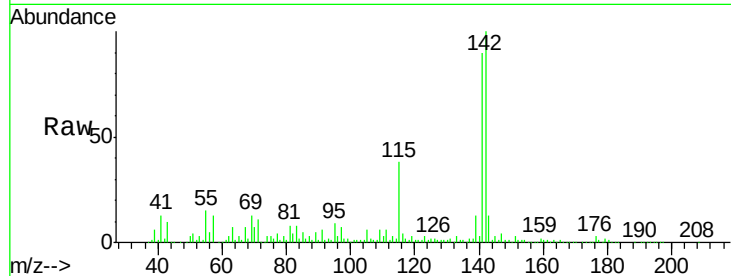




#37
 2-Methylnaphthalene
 Concen: 1971.93 ng
 RT: 8.97 min Scan# 598
 Delta R.T. 0.08 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

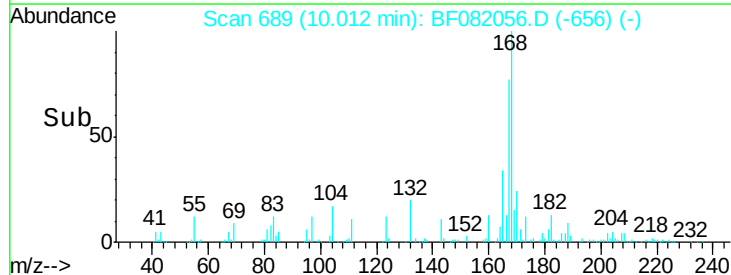
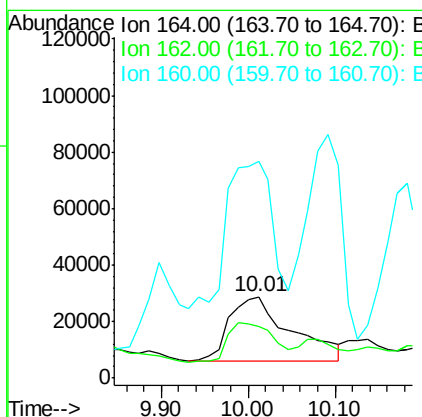
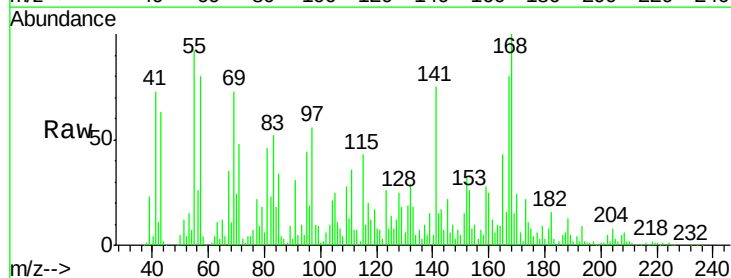
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

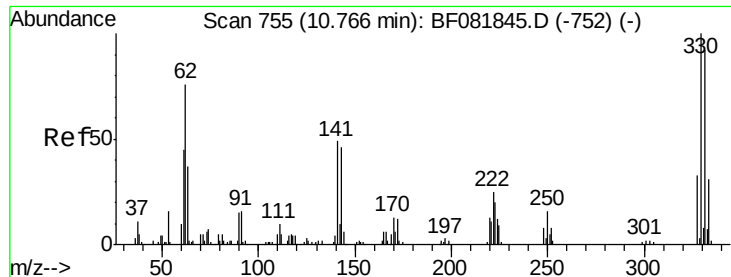
Tgt Ion:142 Resp: 4992469
 Ion Ratio Lower Upper
 142 100
 141 90.4 67.5 101.3
 115 37.6 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 689
 Delta R.T. 0.08 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:164 Resp: 111521
 Ion Ratio Lower Upper
 164 100
 162 64.2 75.2 112.8#
 160 266.1 31.5 47.3#

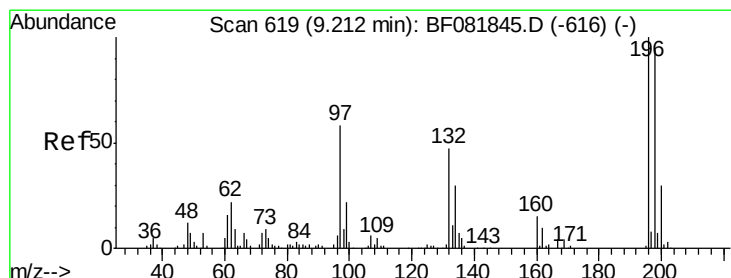
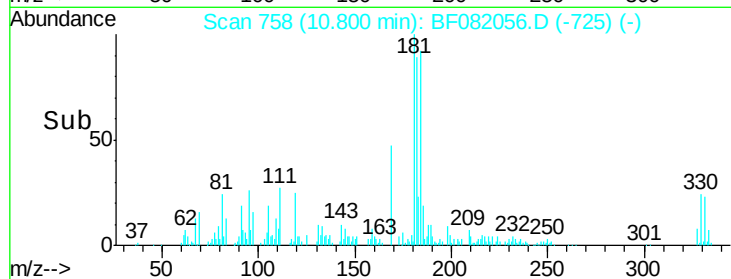
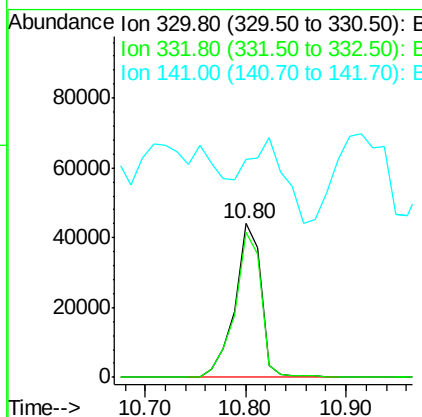
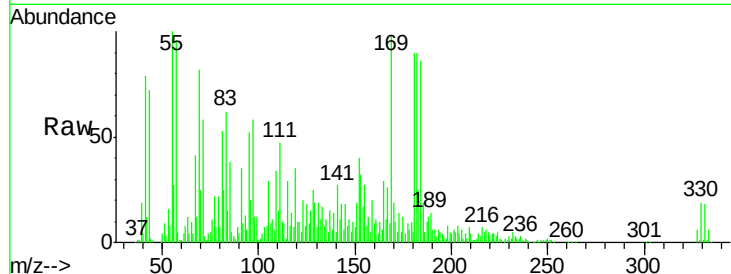




#41
 2,4,6-Tribromophenol
 Concen: 70.90 ng
 RT: 10.80 min Scan# 758
 Delta R.T. 0.08 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

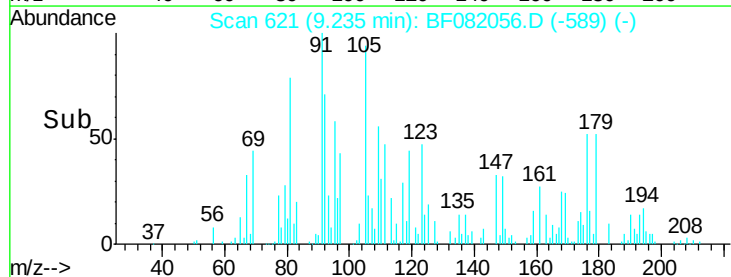
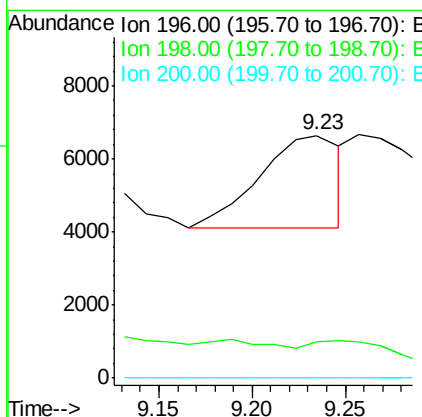
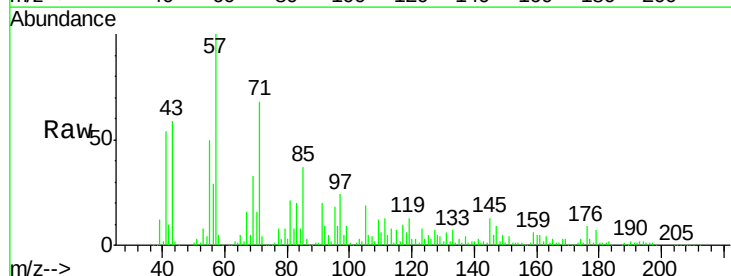
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

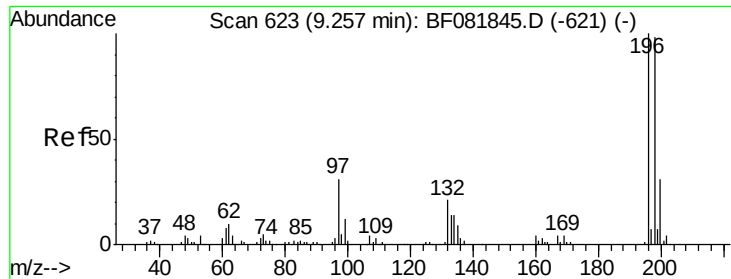
Tgt Ion:330 Resp: 80075
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 114.8
 141 0.0 29.7 44.5#



#42
 2,4,6-Trichlorophenol
 Concen: 3.28 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.07 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:196 Resp: 7687
 Ion Ratio Lower Upper
 196 100
 198 14.8 75.7 113.5#
 200 0.0 23.9 35.9#

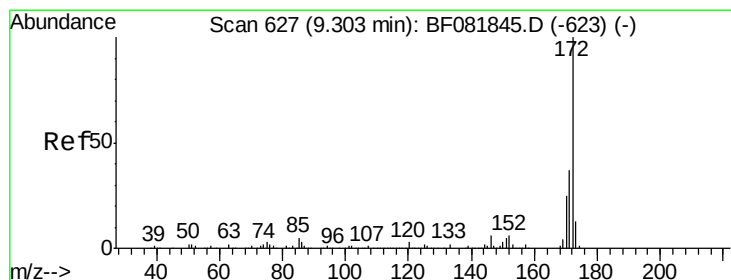
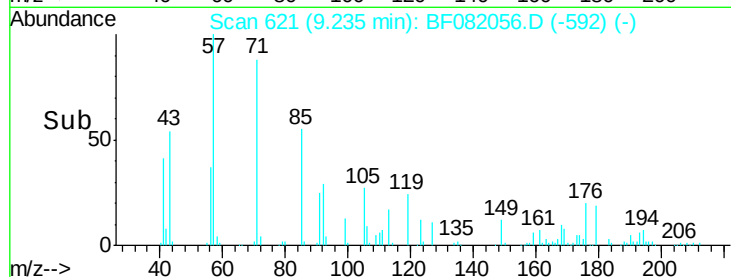
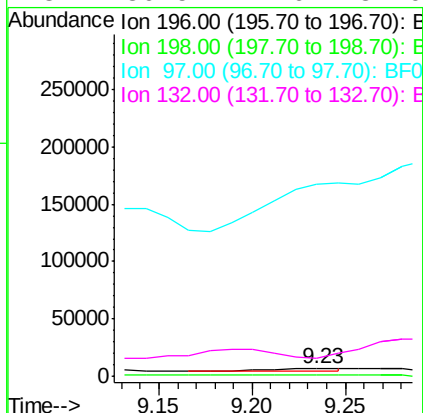
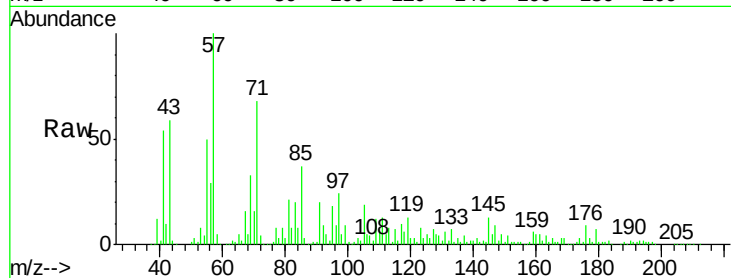




#43
 2,4,5-Trichlorophenol
 Concen: 3.18 ng
 RT: 9.23 min Scan# 621
 Delta R.T. 0.03 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

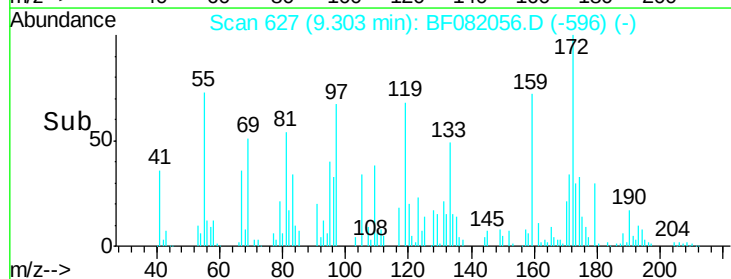
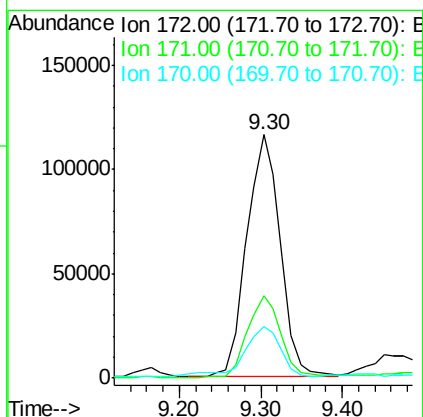
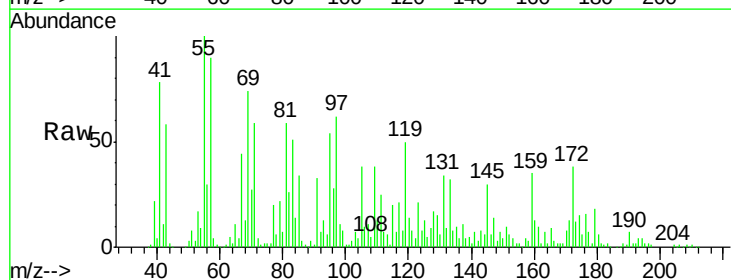
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

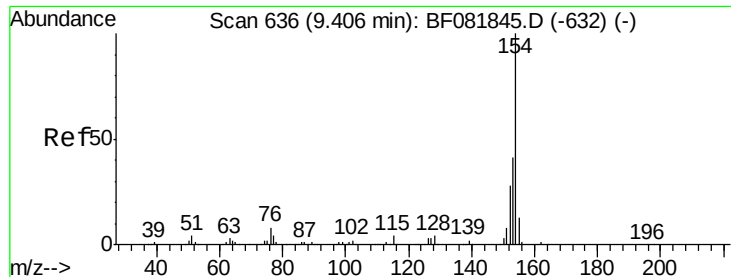
Tgt Ion:196 Resp: 7687
 Ion Ratio Lower Upper
 196 100
 198 14.8 75.4 113.0#
 97 2529.5 33.3 49.9#
 132 230.5 24.6 37.0#



#44
 2-Fluorobiphenyl
 Concen: 45.58 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.06 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:172 Resp: 332943
 Ion Ratio Lower Upper
 172 100
 171 33.7 26.1 39.1
 170 21.1 17.4 26.2





#45

1,1'-Biphenyl

Concen: 95.08 ng

RT: 9.41 min Scan# 636

Delta R.T. 0.06 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

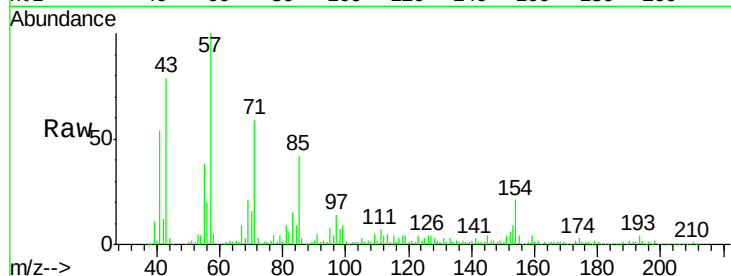
Tgt Ion:154 Resp: 818067

Ion Ratio Lower Upper

154 100

153 41.1 17.1 57.1

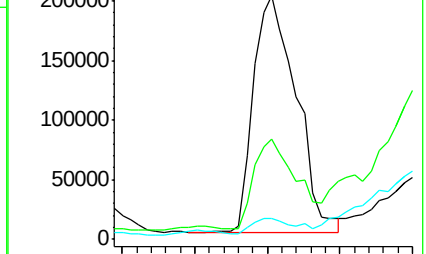
76 8.6 0.0 31.6



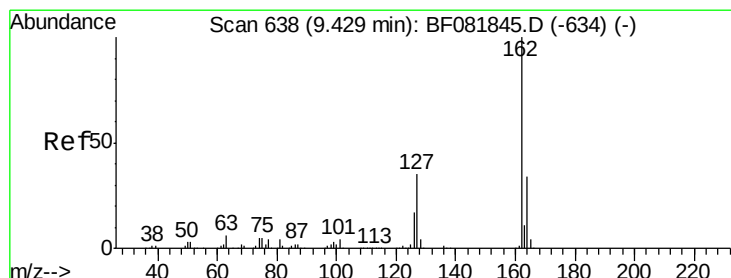
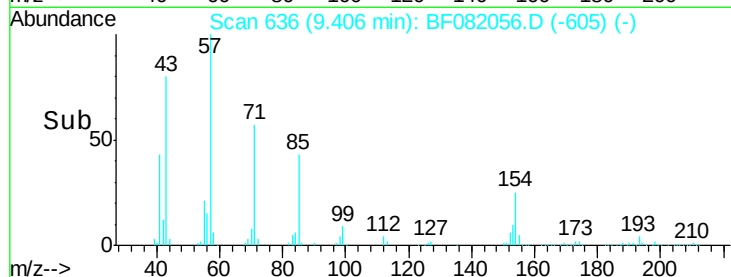
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time-->



#46

2-Chloronaphthalene

Concen: 9.14 ng

RT: 9.51 min Scan# 645

Delta R.T. 0.13 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

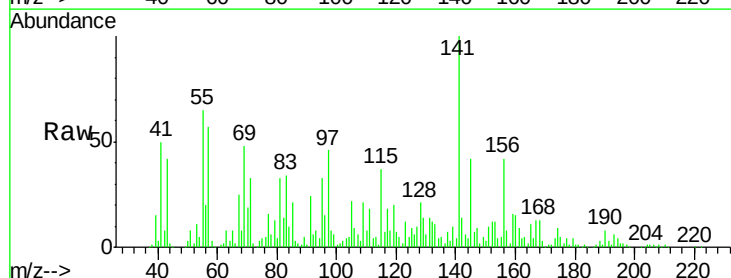
Tgt Ion:162 Resp: 61724

Ion Ratio Lower Upper

162 100

127 264.8 27.6 41.4#

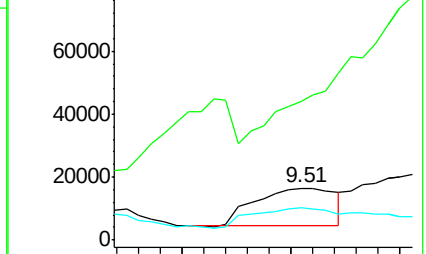
164 62.2 25.4 38.2#



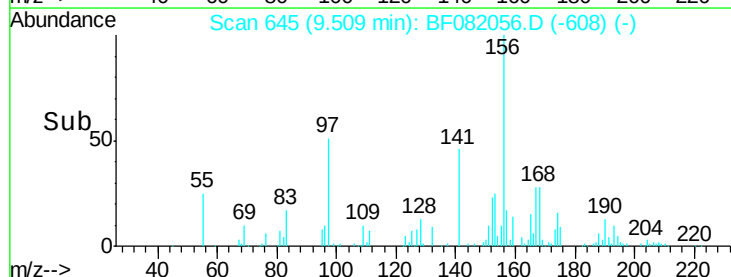
Abundance Ion 162.00 (161.70 to 162.70): E

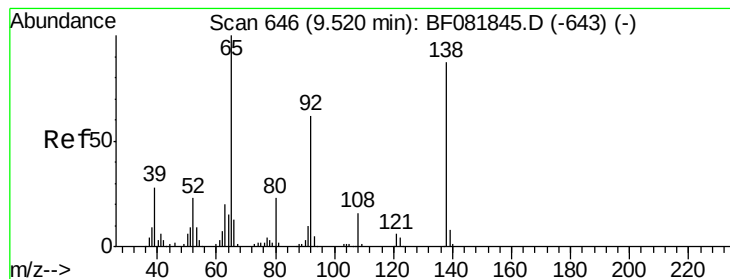
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 76.91 ng

RT: 9.55 min Scan# 649

Delta R.T. 0.08 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

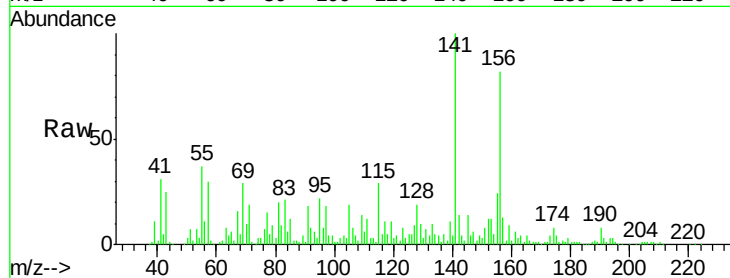
Tgt Ion: 65 Resp: 152527

Ion Ratio Lower Upper

65 100

92 140.8 55.4 83.0#

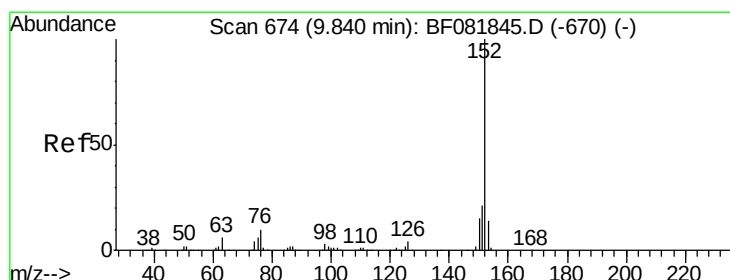
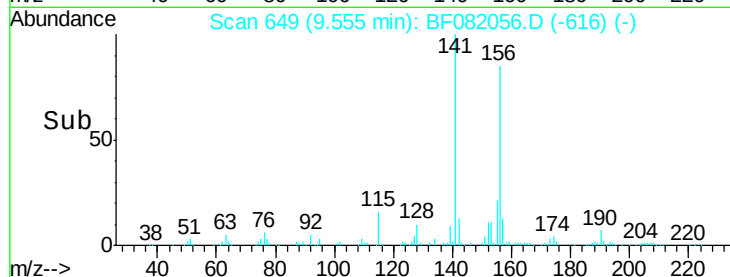
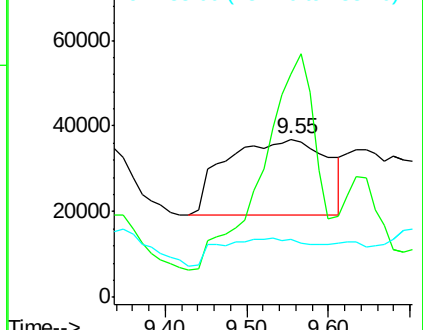
138 36.8 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 10.38 ng

RT: 9.87 min Scan# 677

Delta R.T. 0.08 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

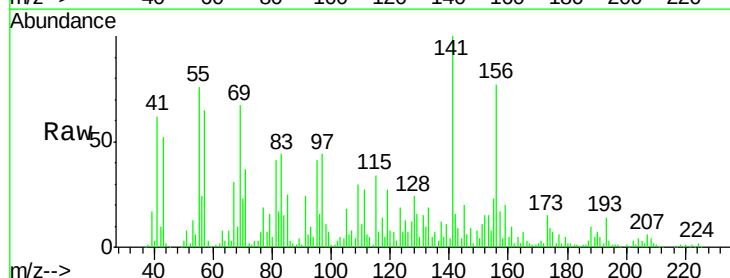
Tgt Ion: 152 Resp: 112200

Ion Ratio Lower Upper

152 100

151 70.2 14.6 22.0#

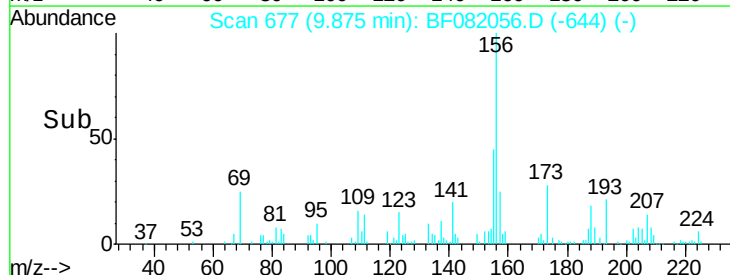
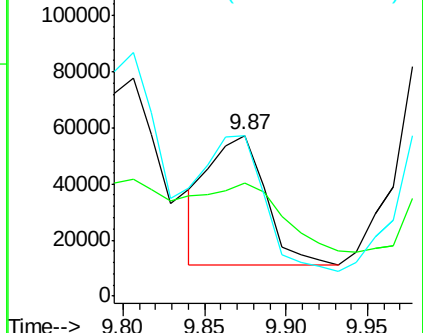
153 99.6 10.3 15.5#

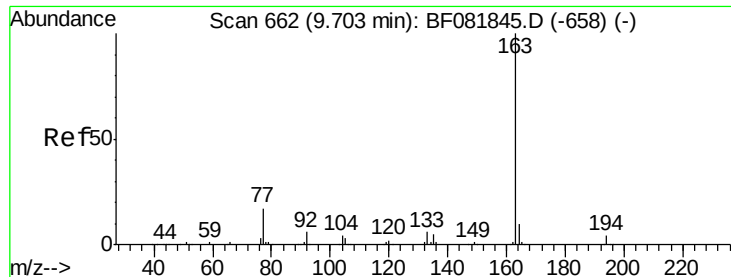


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

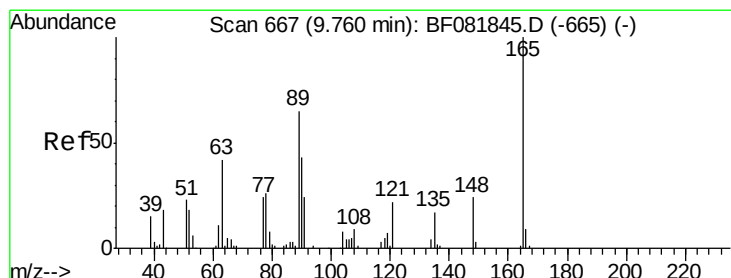
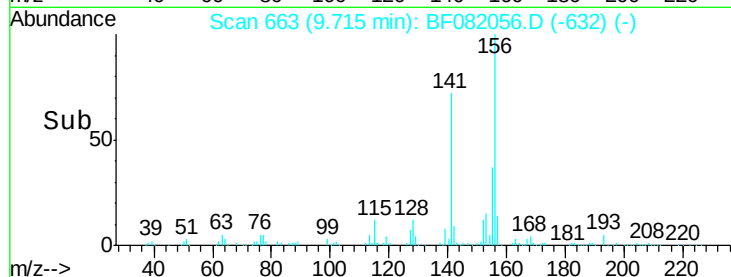
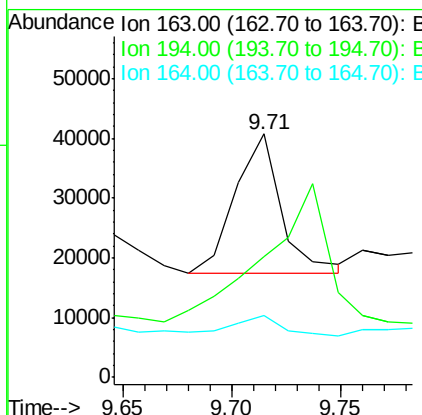
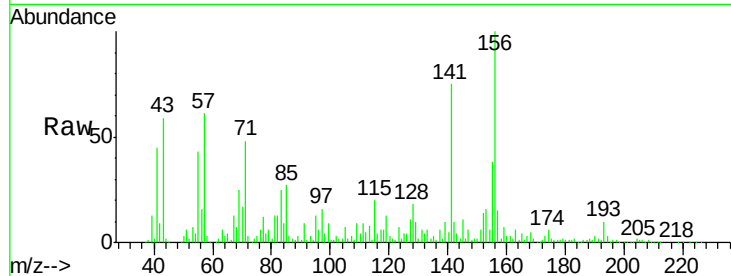




#49
Dimethylphthalate
Concen: 4.42 ng
RT: 9.71 min Scan# 663
Delta R.T. 0.06 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

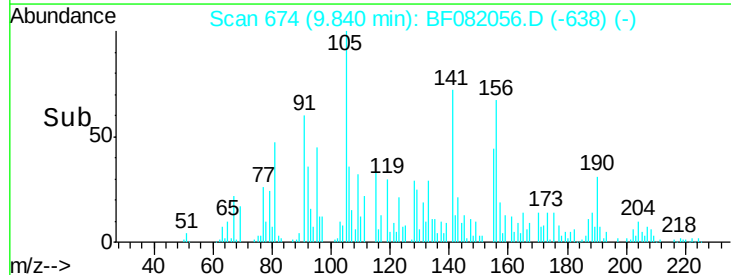
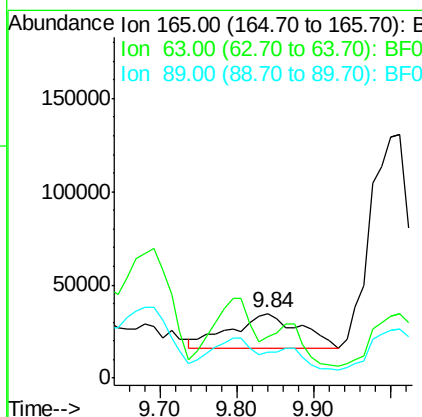
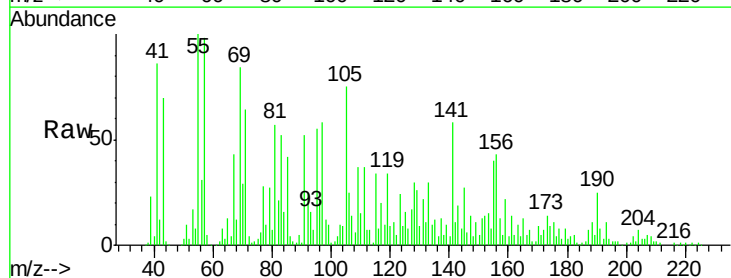
Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

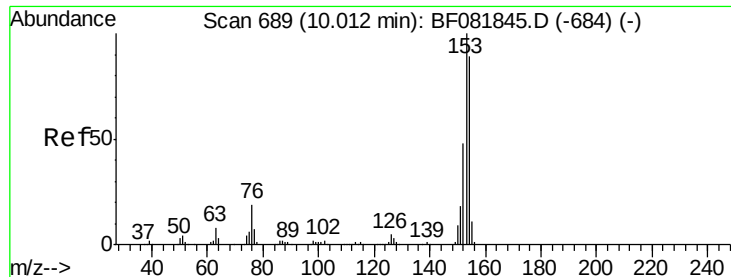
Tgt Ion:163 Resp: 34056
Ion Ratio Lower Upper
163 100
194 49.6 4.4 6.6#
164 25.4 8.3 12.5#



#50
2,6-Dinitrotoluene
Concen: 68.18 ng
RT: 9.84 min Scan# 674
Delta R.T. 0.11 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion:165 Resp: 113952
Ion Ratio Lower Upper
165 100
63 63.1 32.3 48.5#
89 40.0 28.6 43.0





#51

Acenaphthene

Concen: 12.00 ng

RT: 10.06 min Scan# 693

Delta R.T. 0.09 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

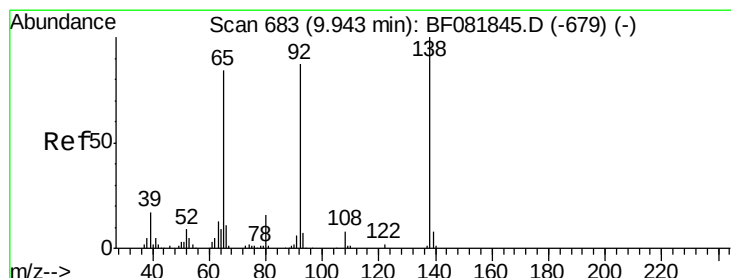
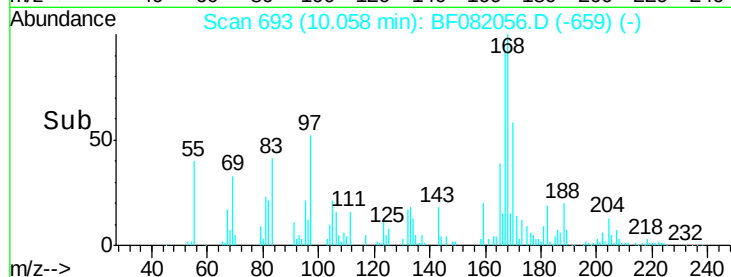
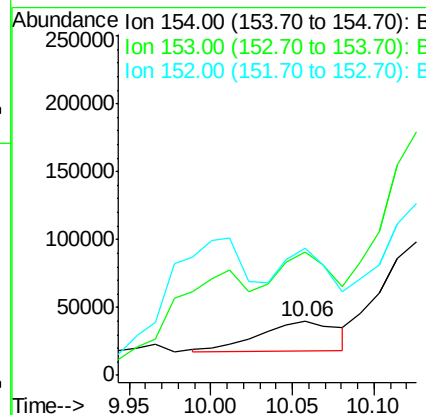
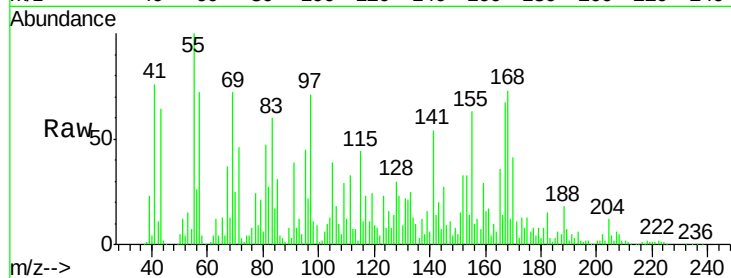
Tgt Ion:154 Resp: 77048

Ion Ratio Lower Upper

154 100

153 231.0 82.1 123.1#

152 236.4 37.9 56.9#



#52

3-Nitroaniline

Concen: 17.54 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.08 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

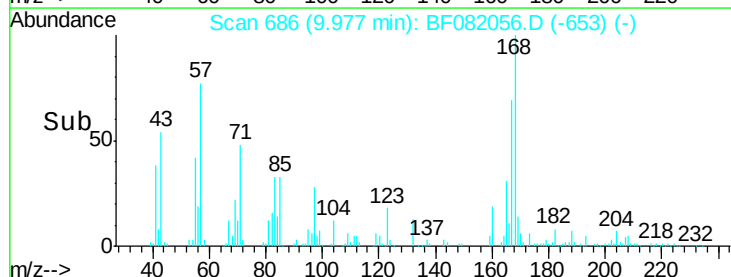
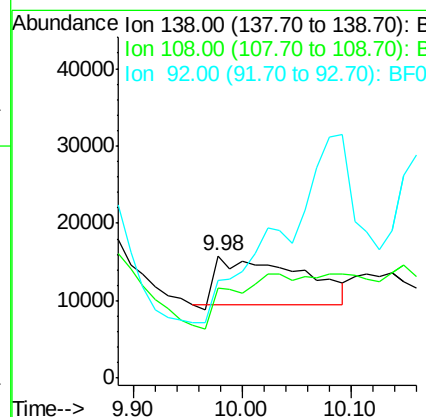
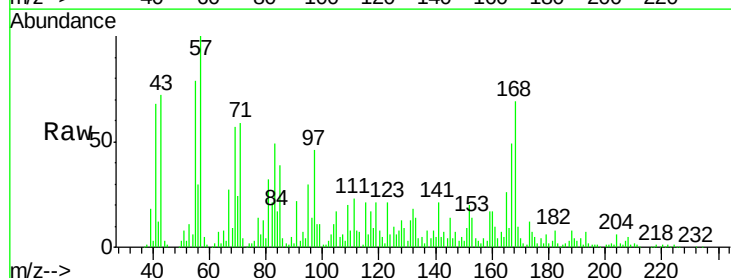
Tgt Ion:138 Resp: 33909

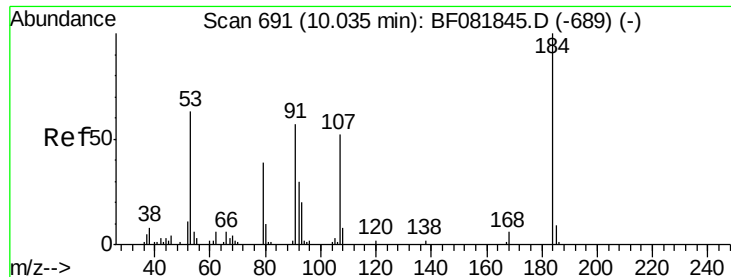
Ion Ratio Lower Upper

138 100

108 73.6 5.7 8.5#

92 80.0 67.7 101.5

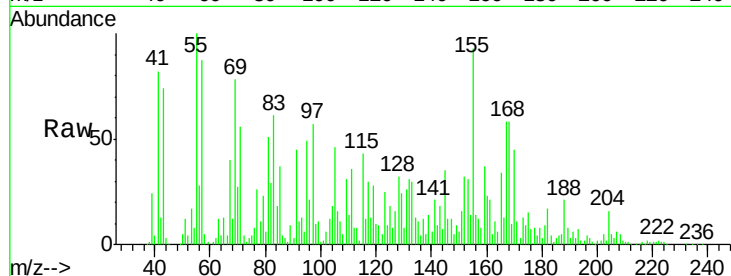




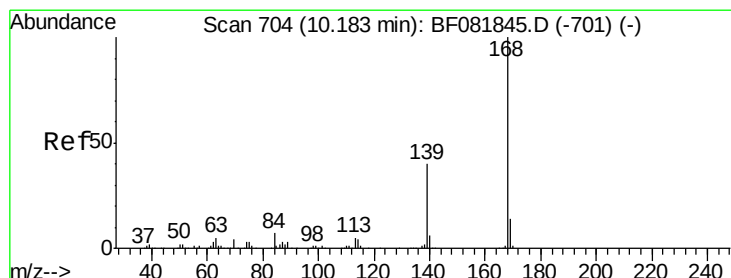
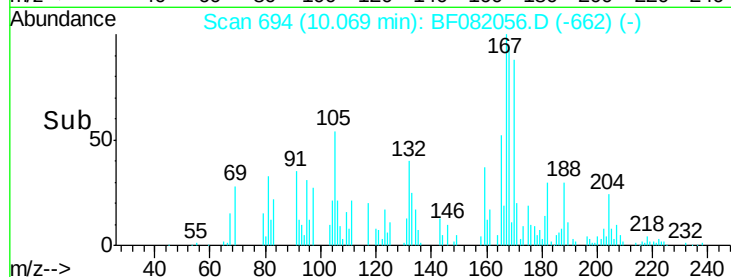
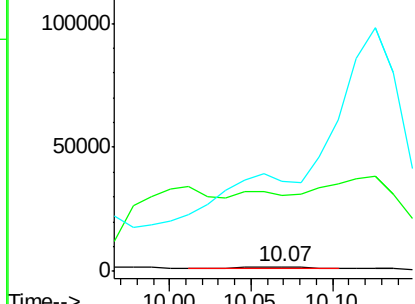
#53
2,4-Dinitrophenol
Concen: 5.51 ng
RT: 10.07 min Scan# 694
Delta R.T. 0.07 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Instrument :
BNA_F
ClientSampleId :
016-TB-13(4-8)

Tgt Ion:184 Resp: 2299
Ion Ratio Lower Upper
184 100
63 1564.2 35.4 53.2#
154 1847.7 32.2 48.4#

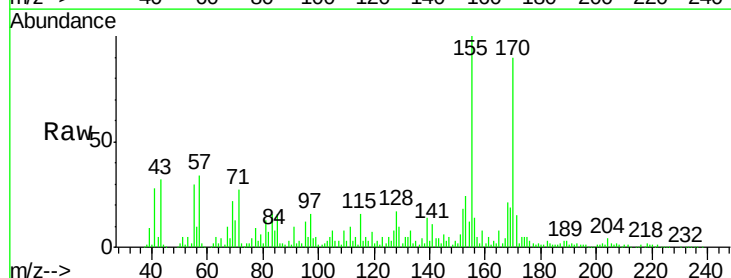


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

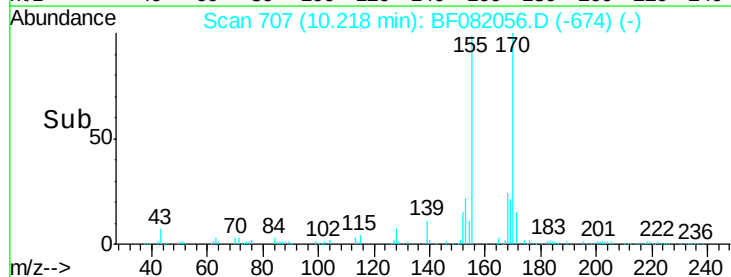
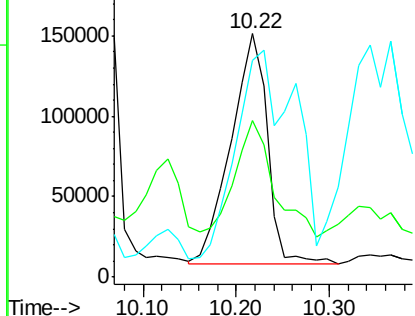


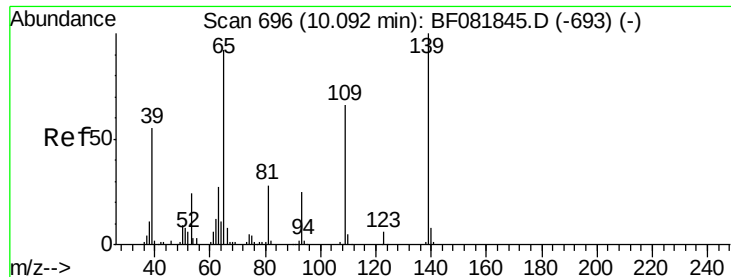
#54
Dibenzofuran
Concen: 42.37 ng
RT: 10.22 min Scan# 707
Delta R.T. 0.08 min
Lab File: BF082056.D
Acq: 5 Oct 2015 20:58

Tgt Ion:168 Resp: 384452
Ion Ratio Lower Upper
168 100
139 64.4 24.2 36.2#
169 89.2 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

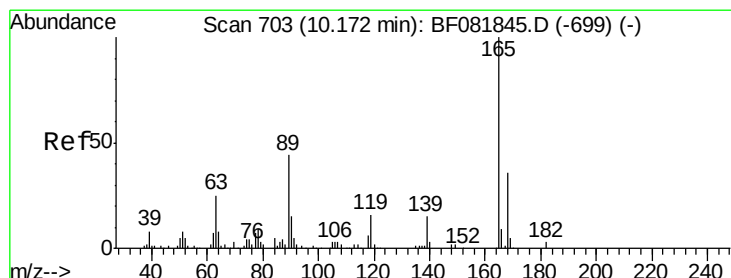
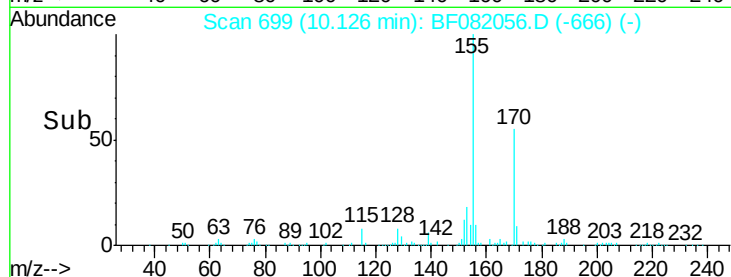
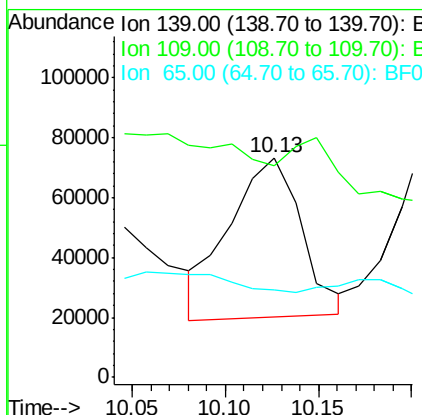
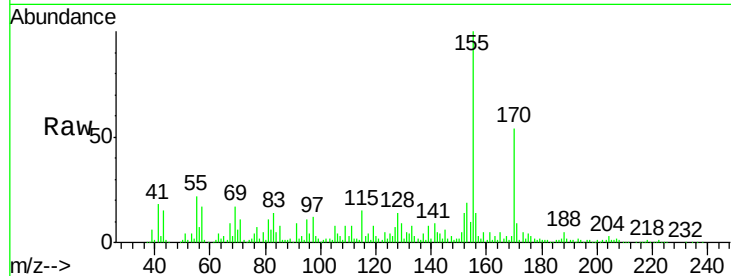




#55
 4-Nitrophenol
 Concen: 102.35 ng
 RT: 10.13 min Scan# 699
 Delta R.T. 0.08 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

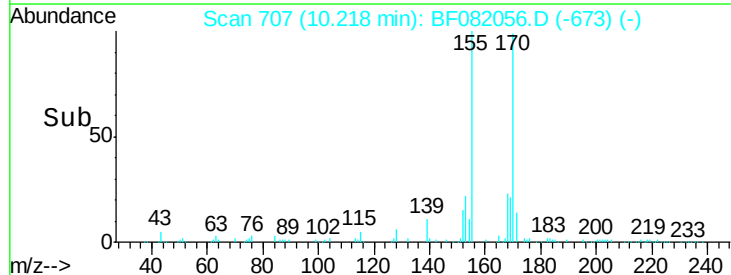
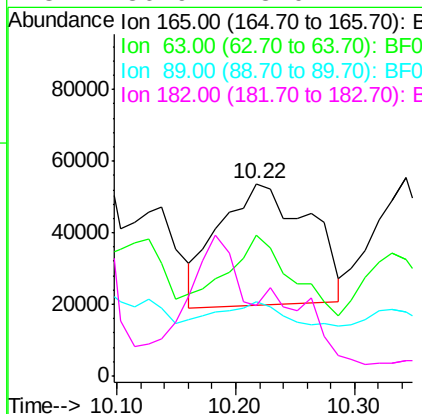
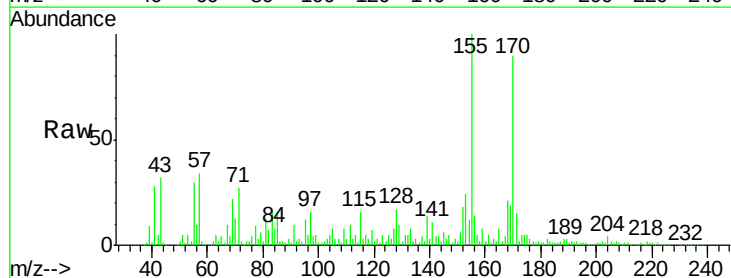
Instrument :
 BNA_F
 ClientSampleId :
 016-TB-13(4-8)

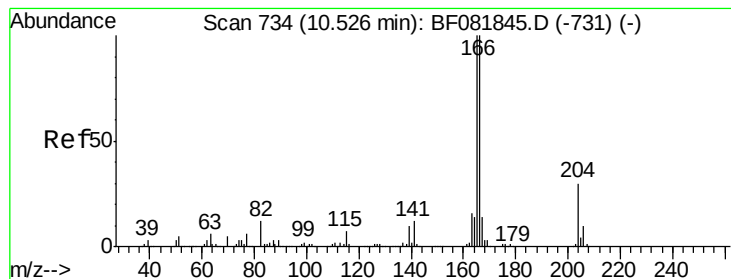
Tgt Ion:139 Resp: 142983
 Ion Ratio Lower Upper
 139 100
 109 96.1 12.7 52.7#
 65 39.7 45.9 85.9#



#56
 2,4-Dinitrotoluene
 Concen: 83.59 ng
 RT: 10.22 min Scan# 707
 Delta R.T. 0.09 min
 Lab File: BF082056.D
 Acq: 5 Oct 2015 20:58

Tgt Ion:165 Resp: 178087
 Ion Ratio Lower Upper
 165 100
 63 73.2 29.8 44.6#
 89 38.9 44.5 66.7#
 182 36.9 3.0 4.4#





#57

Fluorene

Concen: 70.22 ng

RT: 10.56 min Scan# 737

Delta R.T. 0.08 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

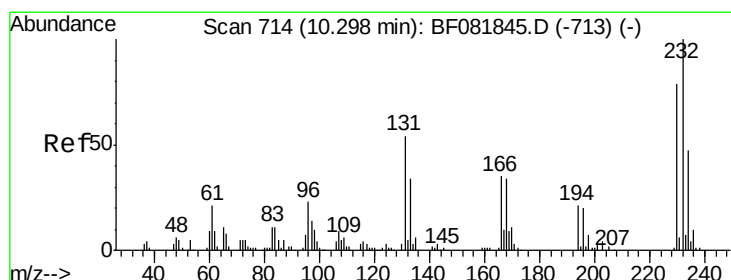
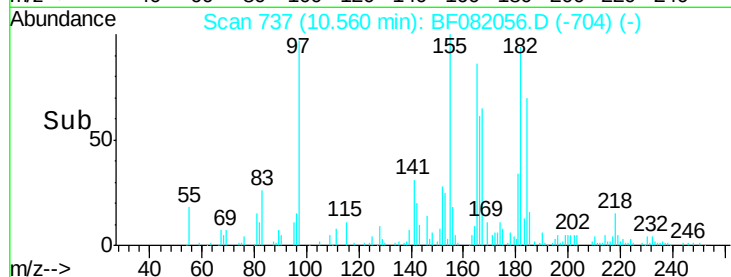
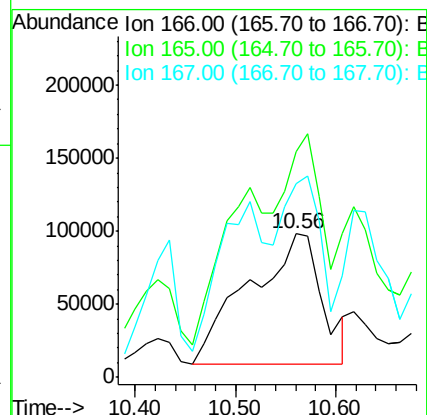
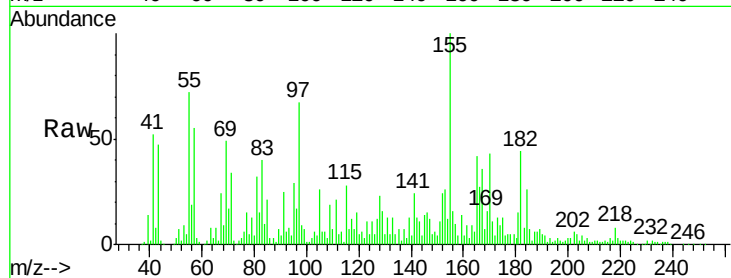
Tgt Ion:166 Resp: 447960

Ion Ratio Lower Upper

166 100

165 157.4 72.6 109.0#

167 135.0 10.6 16.0#



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.95 ng

RT: 10.32 min Scan# 716

Delta R.T. 0.07 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Tgt Ion:232 Resp: 7559

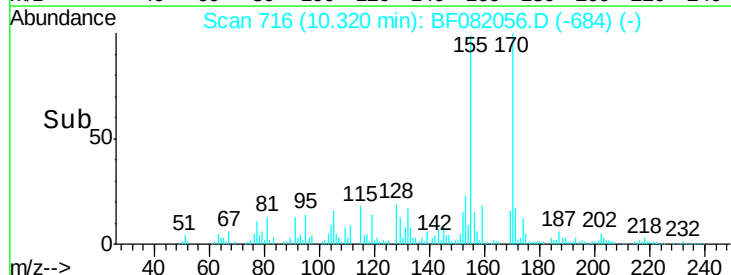
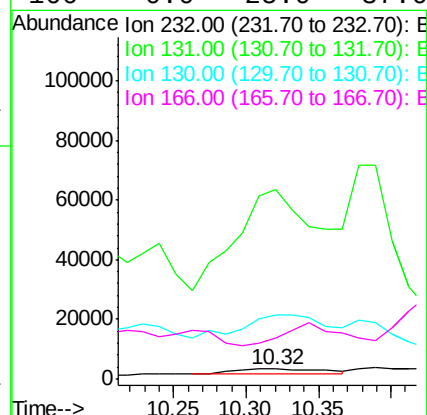
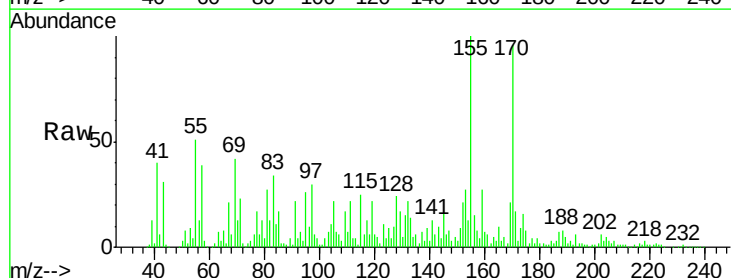
Ion Ratio Lower Upper

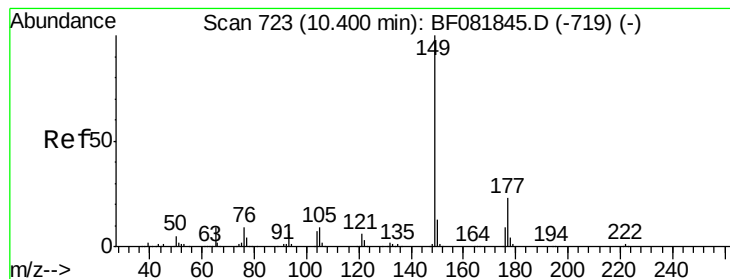
232 100

131 1605.4 38.5 57.7#

130 384.1 1.8 2.6#

166 0.0 25.0 37.6#





#59

Diethylphthalate

Concen: 2.41 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.11 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Instrument :

BNA_F

ClientSampleId :

016-TB-13(4-8)

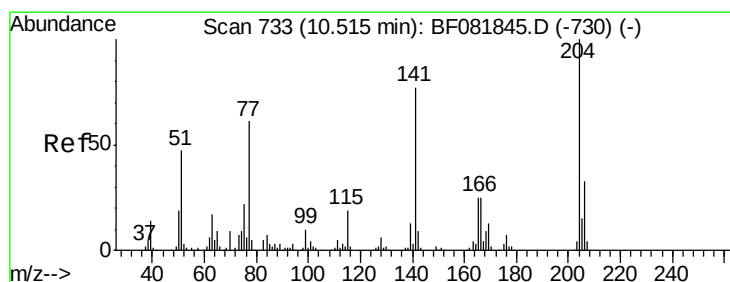
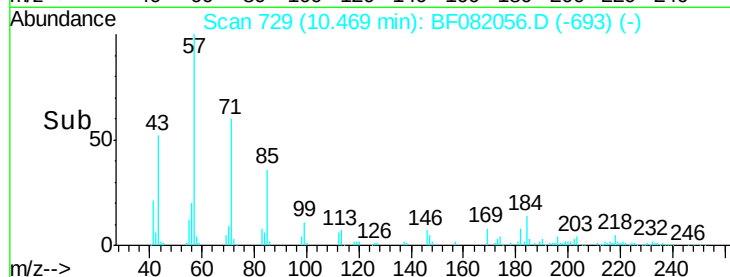
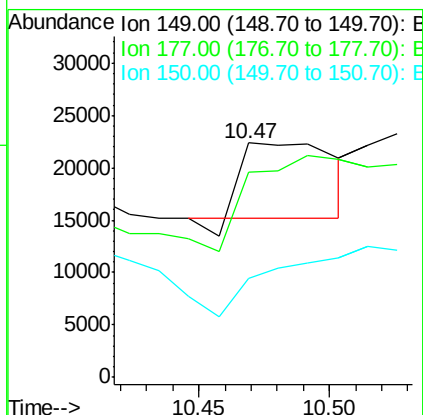
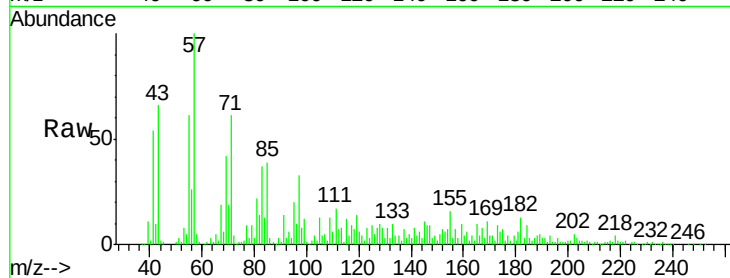
Tgt Ion:149 Resp: 17354

Ion Ratio Lower Upper

149 100

177 87.8 17.5 26.3#

150 42.4 9.4 14.2#



#60

4-Chlorophenyl-phenylether

Concen: 4.31 ng

RT: 10.61 min Scan# 741

Delta R.T. 0.14 min

Lab File: BF082056.D

Acq: 5 Oct 2015 20:58

Tgt Ion:204 Resp: 14317

Ion Ratio Lower Upper

204 100

206 47.4 24.8 37.2#

141 582.6 42.2 63.4#

