

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081962.D
 Acq On : 2 Oct 2015 2:45
 Operator : UM/IZ
 Sample : G3857-09MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Quant Time: Oct 02 04:26:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	115152	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	457063	20.00	ng	-0.03
38) Acenaphthene-d10	9.94	164	224077	20.00	ng	-0.03
63) Phenanthrene-d10	11.43	188	439052	20.00	ng	-0.03
75) Chrysene-d12	14.06	240	359548	20.00	ng	-0.06
86) Perylene-d12	15.51	264	281035	20.00	ng	-0.07

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	732994	115.55	ng	-0.01
7) Phenol-d6	6.54	99	981632	122.98	ng	-0.02
23) Nitrobenzene-d5	7.46	82	677947	98.87	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	315233	138.91	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1246389	95.31	ng	-0.05
78) Terphenyl-d14	13.01	244	1293855	140.77	ng	-0.05

Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	109466	39.68	ng	# 73
3) Pyridine	3.41	79	207508	28.89	ng	85
4) n-Nitrosodimethylamine	3.34	42	125025	38.33	ng	97
6) Aniline	6.57	93	113430	10.58	ng	# 82
8) 2-Chlorophenol	6.69	128	326421	46.60	ng	96
9) Benzaldehyde	6.45	77	19765	3.78	ng	# 79
10) Phenol	6.55	94	362197	40.45	ng	81
11) bis(2-Chloroethyl)ether	6.64	93	343300	49.44	ng	95
12) 1,3-Dichlorobenzene	7.07	146	323375	39.08	ng	98
13) 1,4-Dichlorobenzene	7.07	146	333014	38.54	ng	98
14) 1,2-Dichlorobenzene	7.07	146	345969	44.94	ng	98
15) Benzyl Alcohol	7.04	79	228192	39.60	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	7.18	45	456273	46.48	ng	79
17) 2-Methylphenol	7.15	107	268274	47.24	ng	# 85
18) Hexachloroethane	7.41	117	124120	45.89	ng	# 85
19) n-Nitroso-di-n-propylamine	7.31	70	213690	44.05	ng	# 77
20) 3+4-Methylphenols	7.31	107	304052	42.39	ng	# 43
22) Acetophenone	7.31	105	447506	47.89	ng	# 81
24) Nitrobenzene	7.49	77	329767	44.29	ng	# 70
25) Isophorone	7.73	82	641719	47.22	ng	# 92
26) 2-Nitrophenol	7.81	139	183927	51.46	ng	# 84
27) 2,4-Dimethylphenol	7.84	122	308586	49.08	ng	# 83
28) bis(2-Chloroethoxy)methane	7.93	93	369169	45.74	ng	# 93
29) 2,4-Dichlorophenol	8.05	162	306922	50.35	ng	97
30) 1,2,4-Trichlorobenzene	8.13	180	328577	48.28	ng	100
31) Naphthalene	8.21	128	940331	46.43	ng	97
32) Benzoic acid	7.97	122	174578	46.66	ng	# 69
33) 4-Chloroaniline	8.27	127	35611	4.07	ng	# 92
34) Hexachlorobutadiene	8.32	225	199549	49.58	ng	98
35) Caprolactam	8.63	113	45776	27.12	ng	# 81
36) 4-Chloro-3-methylphenol	8.74	107	300623	50.43	ng	90
37) 2-Methylnaphthalene	8.89	142	635025	45.93	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	333049	48.41	ng	99
40) Hexachlorocyclopentadiene	9.05	237	371939	104.99	ng	98

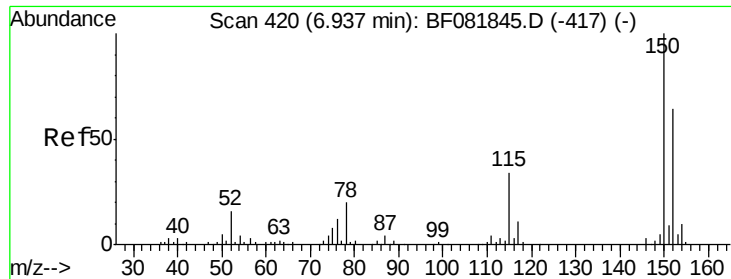
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	230341	48.84	ng	99
43) 2,4,5-Trichlorophenol	9.22	196	240569	49.60	ng	96
45) 1,1'-Biphenyl	9.36	154	786303	45.48	ng	94
46) 2-Chloronaphthalene	9.38	162	614971	45.31	ng	# 91
47) 2-Nitroaniline	9.49	65	185220	46.48	ng	# 80
48) Acenaphthylene	9.81	152	1034150	47.60	ng	96
49) Dimethylphthalate	9.67	163	793280	51.29	ng	# 98
50) 2,6-Dinitrotoluene	9.73	165	161184	48.00	ng	# 65
51) Acenaphthene	9.98	154	699258	54.20	ng	89
52) 3-Nitroaniline	9.90	138	38273	9.85	ng	# 71
53) 2,4-Dinitrophenol	10.00	184	161911	90.57	ng	# 48
54) Dibenzofuran	10.15	168	918091	50.36	ng	# 91
55) 4-Nitrophenol	10.06	139	219277	78.12	ng	# 45
56) 2,4-Dinitrotoluene	10.13	165	214355	50.07	ng	# 69
57) Fluorene	10.49	166	703387	54.39	ng	93
58) 2,3,4,6-Tetrachlorophenol	10.26	232	210858	54.81	ng	92
59) Diethylphthalate	10.37	149	750485	51.95	ng	96
60) 4-Chlorophenyl-phenylether	10.48	204	343763	51.50	ng	94
61) 4-Nitroaniline	10.51	138	142577	36.60	ng	# 52
62) Azobenzene	10.64	77	725102	51.43	ng	93
64) 4,6-Dinitro-2-methylphenol	10.54	198	119340	57.29	ng	# 77
65) n-Nitrosodiphenylamine	10.59	169	543825	40.94	ng	91
66) 4-Bromophenyl-phenylether	10.97	248	234292	52.92	ng	# 91
67) Hexachlorobenzene	11.03	284	214880	43.01	ng	# 91
68) Atrazine	11.12	200	107927	26.19	ng	83
69) Pentachlorophenol	11.22	266	257498	90.46	ng	99
70) Phenanthrene	11.45	178	1059430	50.34	ng	95
71) Anthracene	11.50	178	1056926	47.36	ng	96
72) Carbazole	11.66	167	880542	43.60	ng	95
73) Di-n-butylphthalate	11.99	149	1117046	54.59	ng	99
74) Fluoranthene	12.63	202	1108020	47.11	ng	94
76) Benzidine	12.78	184	49102	4.53	ng	98
77) Pyrene	12.87	202	1126951	52.47	ng	96
79) Butylbenzylphthalate	13.49	149	482872	59.74	ng	# 86
80) Benzo(a)anthracene	14.05	228	939463	48.52	ng	95
81) 3,3'-Dichlorobenzidine	14.02	252	66789	10.21	ng	# 91
82) Chrysene	14.09	228	1004651	Below	Cal	93
83) Bis(2-ethylhexyl)phthalate	14.04	149	607597	59.93	ng	# 93
84) Di-n-octyl phthalate	14.65	149	1036091	62.79	ng	# 92
85) Indeno(1,2,3-cd)pyrene	16.94	276	726967	48.00	ng	# 87
87) Benzo(b)fluoranthene	15.12	252	1636199	101.97	ng	# 85
88) Benzo(k)fluoranthene	15.12	252	1637701	111.36	ng	# 86
89) Benzo(a)pyrene	15.45	252	739851	53.16	ng	# 84
90) Dibenzo(a,h)anthracene	16.96	278	605225	51.83	ng	# 80
91) Benzo(g,h,i)perylene	17.37	276	600582	50.19	ng	# 76

(#) = 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. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

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A1-COMPMSD

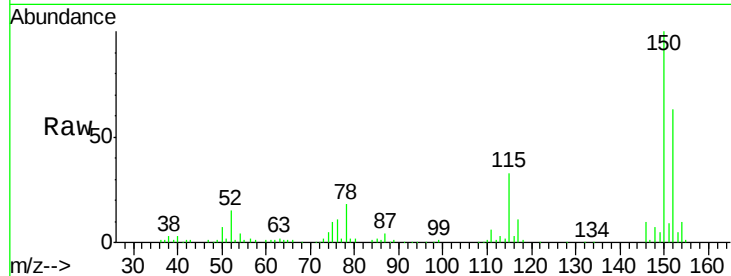
Tgt Ion:152 Resp: 115152

Ion Ratio Lower Upper

152 100

150 157.6 124.7 187.1

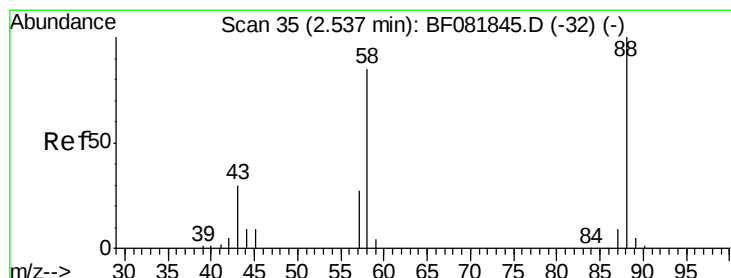
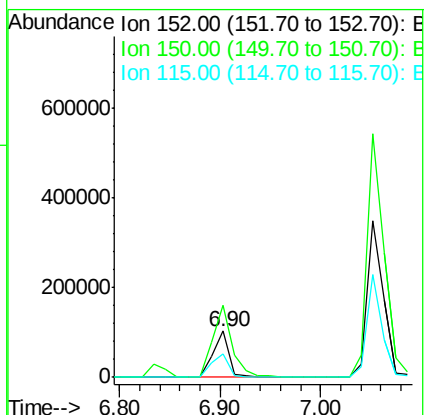
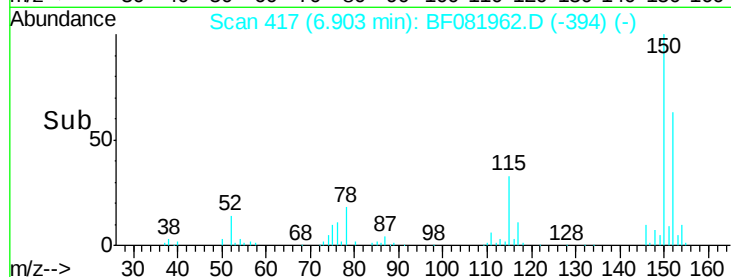
115 51.5 39.0 58.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.68 ng

RT: 2.70 min Scan# 49

Delta R.T. 0.16 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

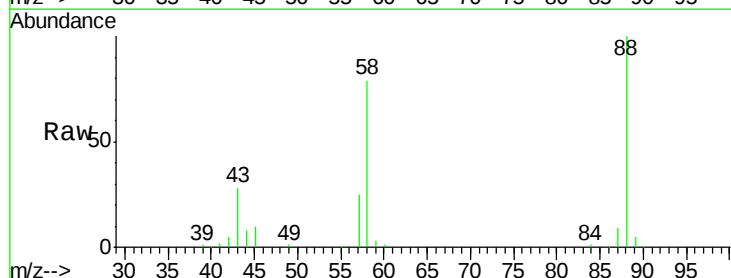
Tgt Ion: 88 Resp: 109466

Ion Ratio Lower Upper

88 100

58 81.6 77.7 116.5

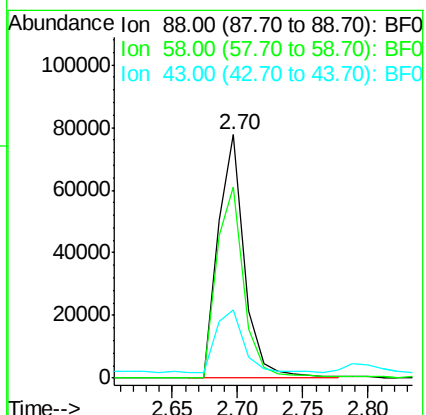
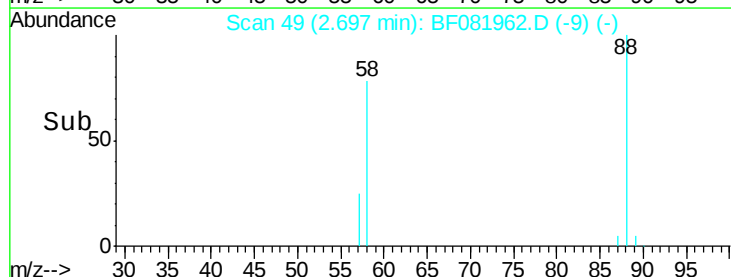
43 0.0 26.6 40.0#

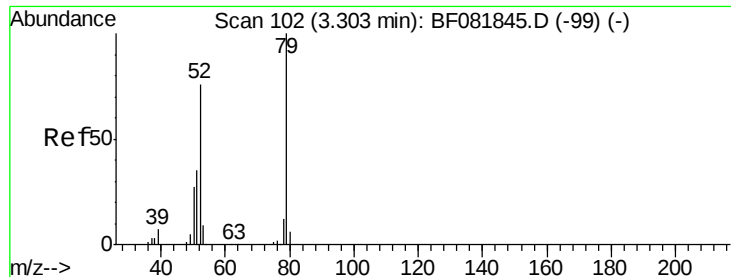


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 28.89 ng

RT: 3.41 min Scan# 111

Delta R.T. 0.10 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

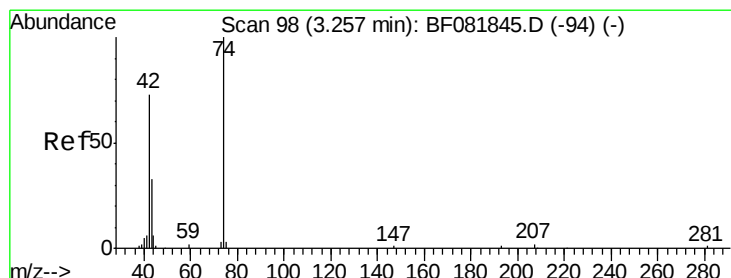
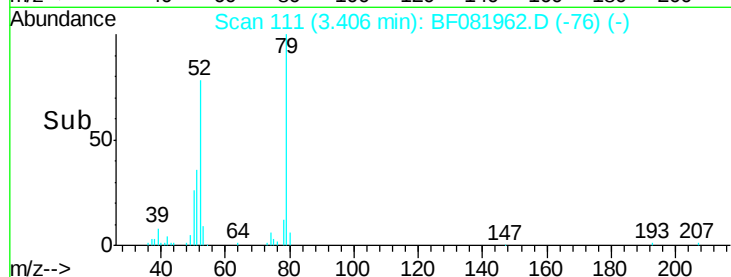
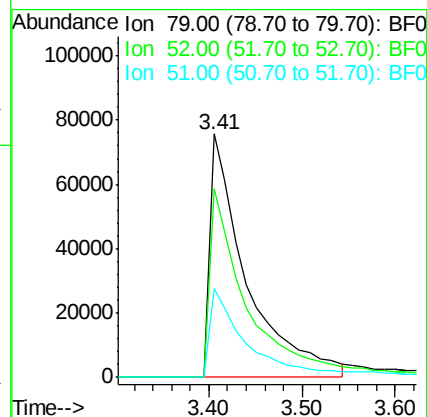
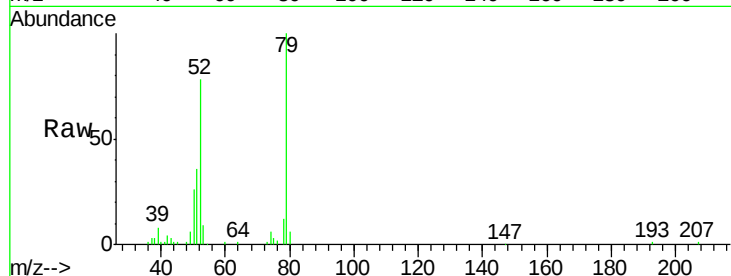
Tgt Ion: 79 Resp: 207508

Ion Ratio Lower Upper

79 100

52 77.6 76.8 115.2

51 36.4 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 38.33 ng

RT: 3.34 min Scan# 105

Delta R.T. 0.08 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

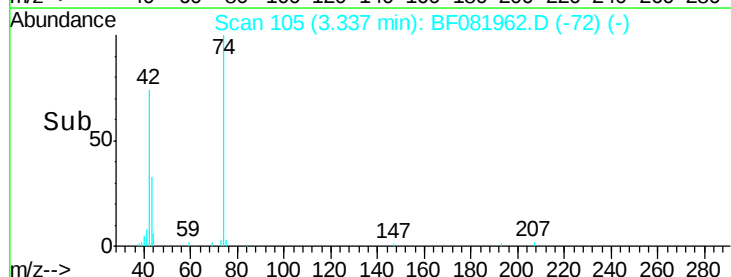
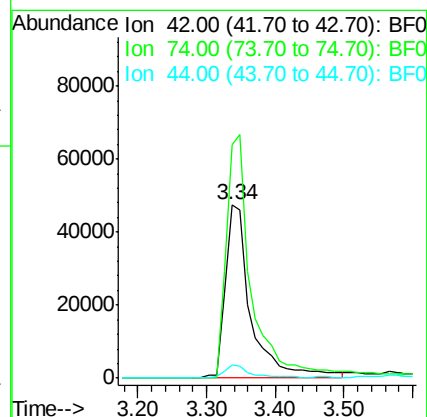
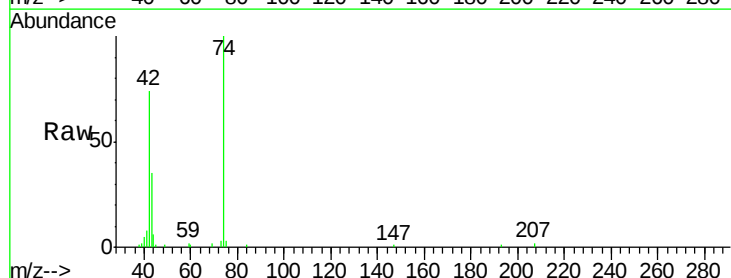
Tgt Ion: 42 Resp: 125025

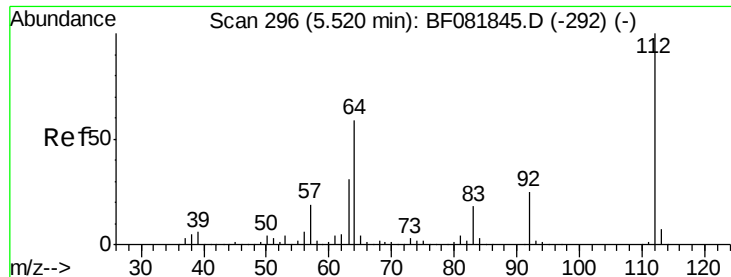
Ion Ratio Lower Upper

42 100

74 134.4 105.0 157.6

44 7.6 6.6 10.0





#5

2-Fluorophenol

Concen: 115.55 ng

RT: 5.51 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

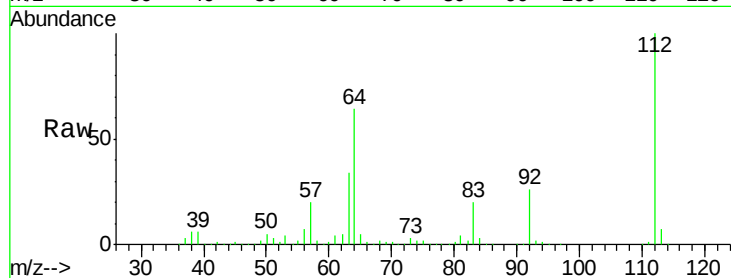
Tgt Ion: 112 Resp: 732994

Ion Ratio Lower Upper

112 100

64 64.2 39.7 59.5#

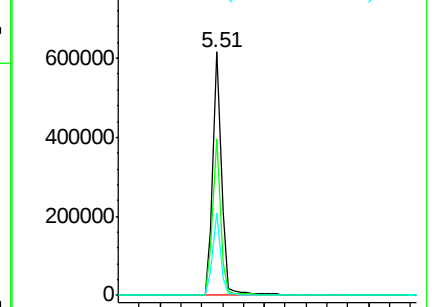
63 33.6 17.4 26.0#



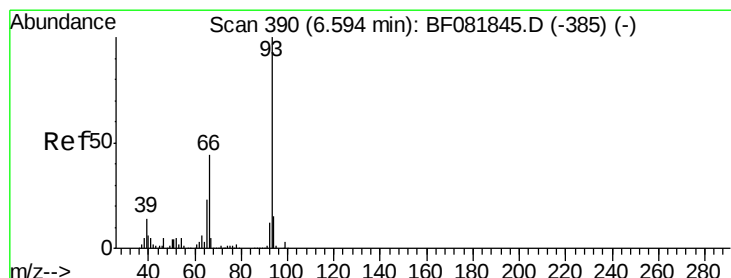
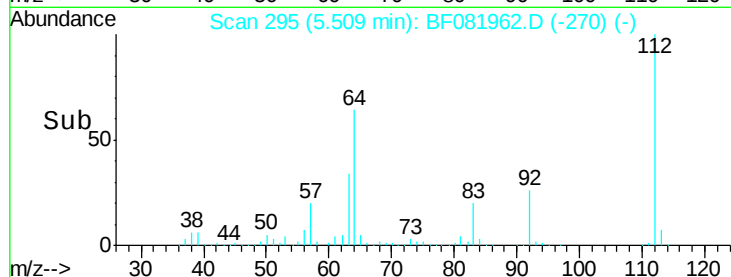
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#6

Aniline

Concen: 10.58 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

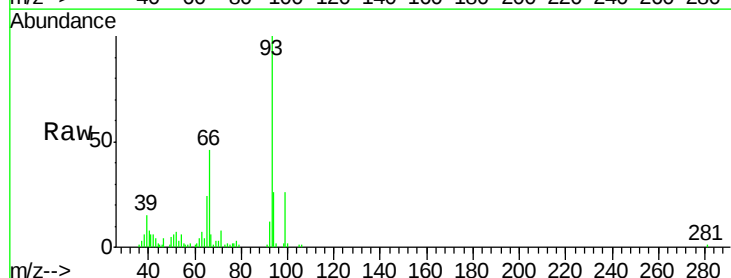
Tgt Ion: 93 Resp: 113430

Ion Ratio Lower Upper

93 100

66 45.7 27.2 40.8#

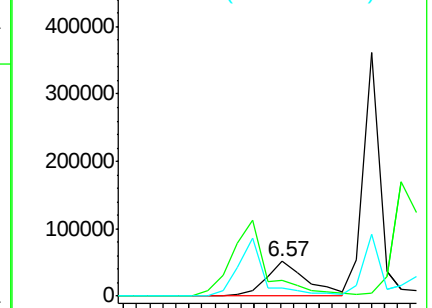
65 24.2 14.7 22.1#



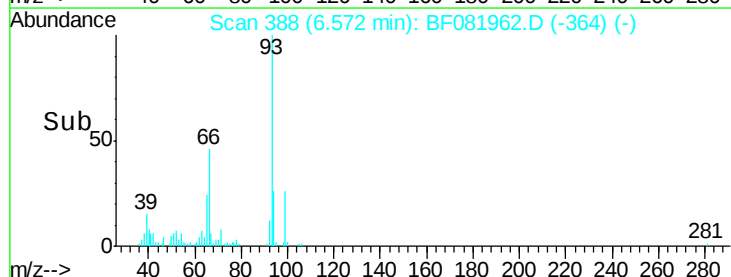
Abundance Ion 93.00 (92.70 to 93.70): BF0

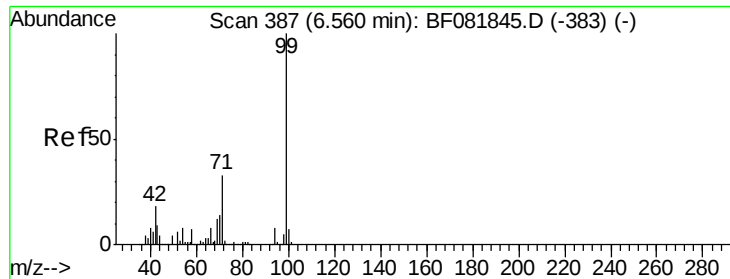
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time-->





#7

Phenol-d6

Concen: 122.98 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

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ClientSampleId :

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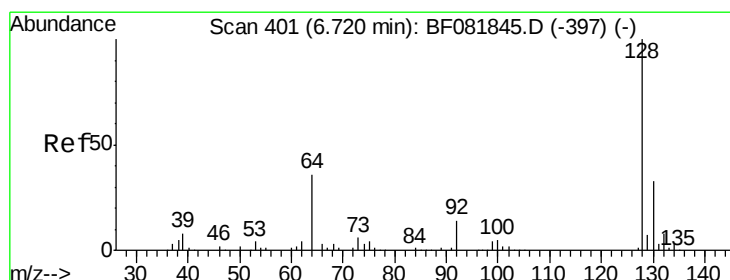
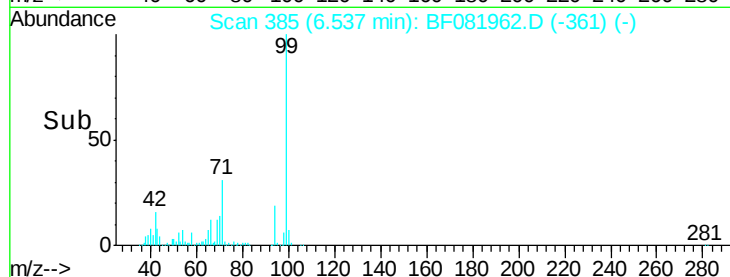
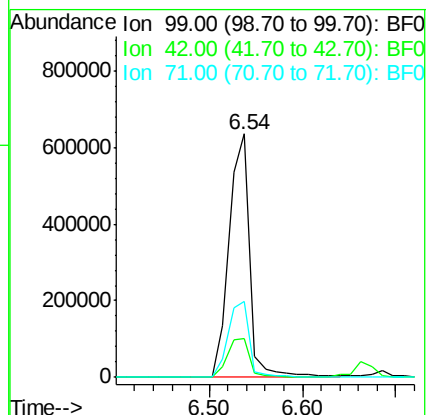
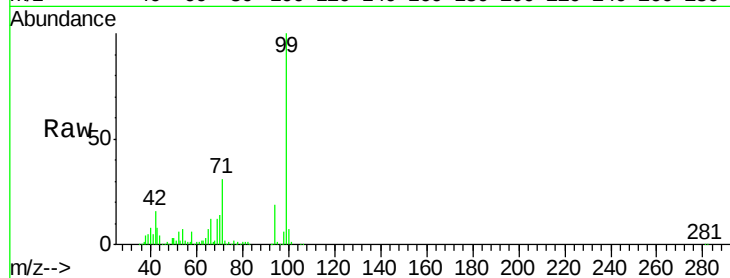
Tgt Ion: 99 Resp: 981632

Ion Ratio Lower Upper

99 100

42 15.8 13.7 20.5

71 31.4 14.2 21.2#



#8

2-Chlorophenol

Concen: 46.60 ng

RT: 6.69 min Scan# 398

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

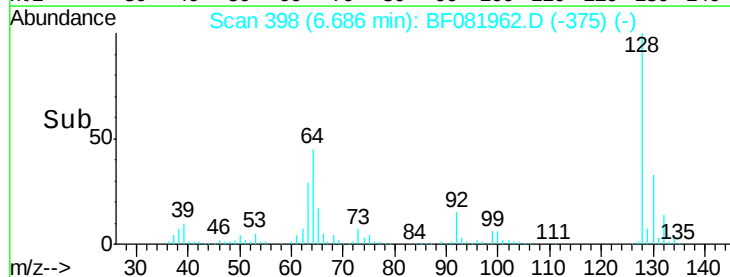
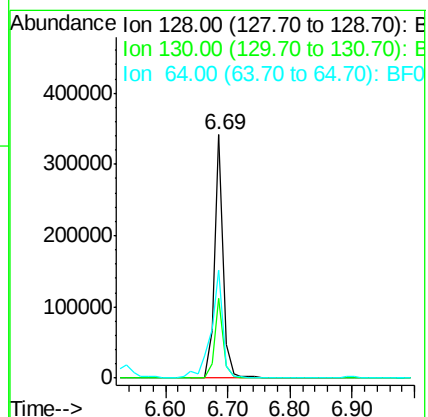
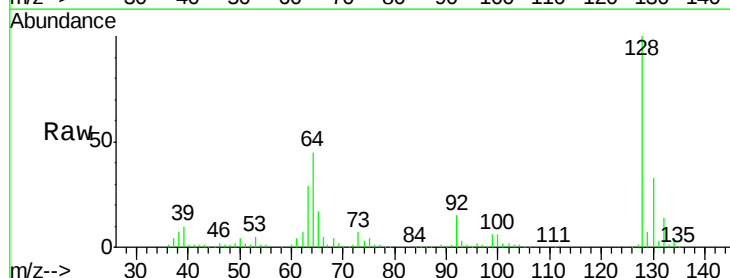
Tgt Ion: 128 Resp: 326421

Ion Ratio Lower Upper

128 100

130 32.9 12.2 52.2

64 44.6 20.5 60.5

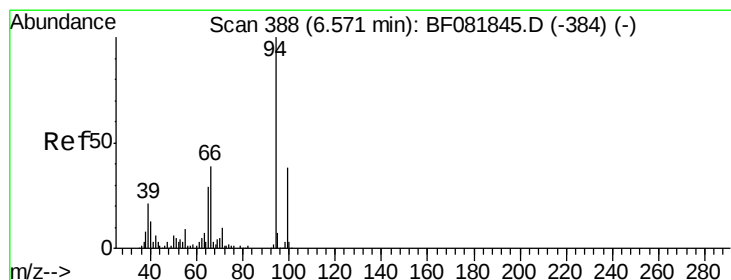
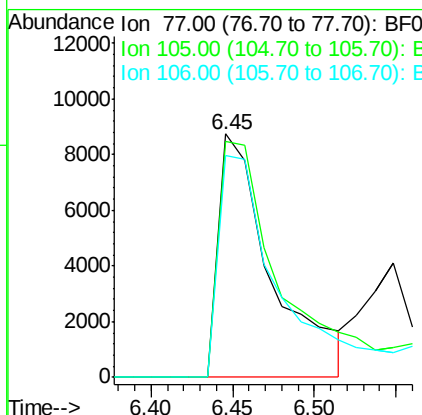
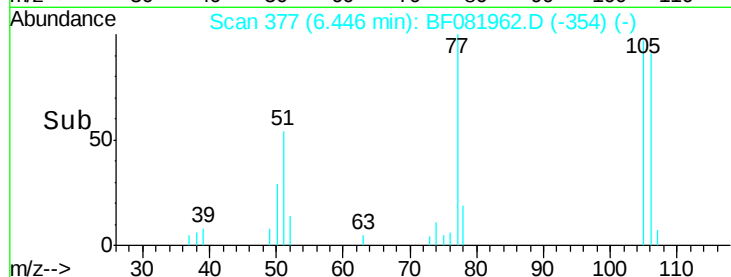
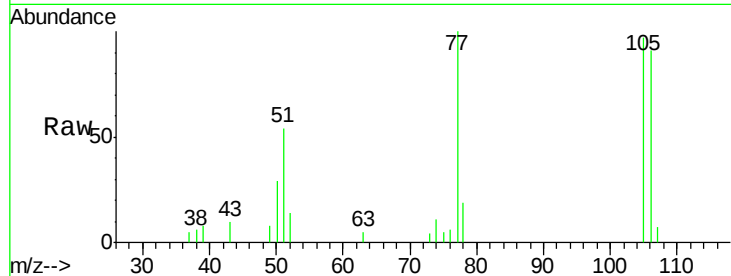




#9
Benzaldehyde
Concen: 3.78 ng
RT: 6.45 min Scan# 377
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

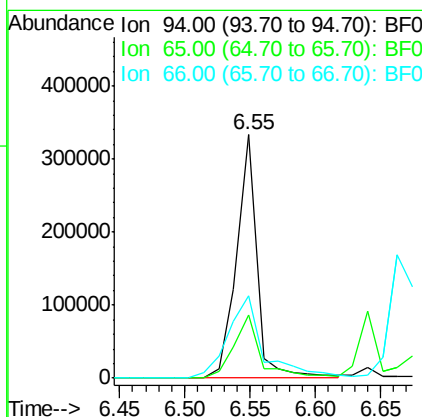
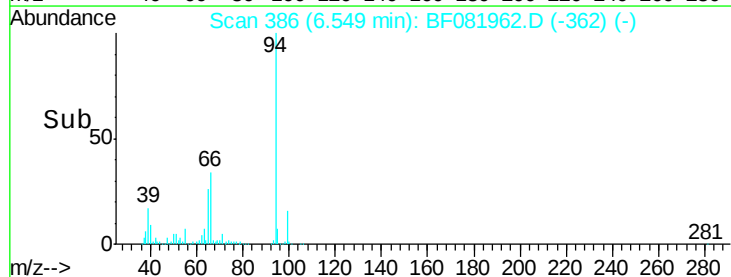
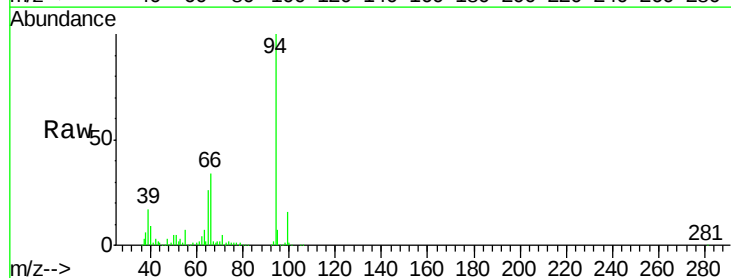
Instrument :
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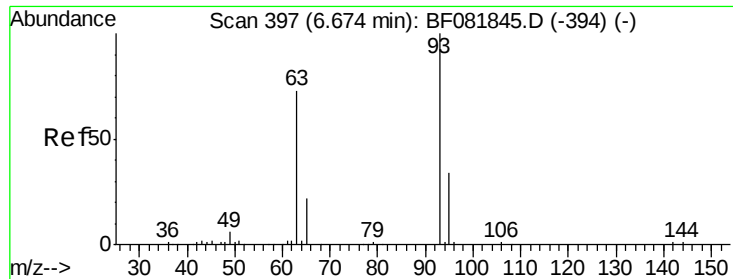
Tgt Ion: 77 Resp: 19765
Ion Ratio Lower Upper
77 100
105 96.7 91.6 131.6
106 91.1 102.6 142.6#



#10
Phenol
Concen: 40.45 ng
RT: 6.55 min Scan# 386
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion: 94 Resp: 362197
Ion Ratio Lower Upper
94 100
65 25.9 0.7 40.7
66 33.7 0.8 40.8

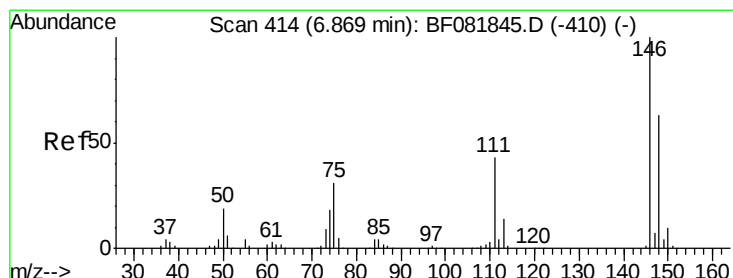
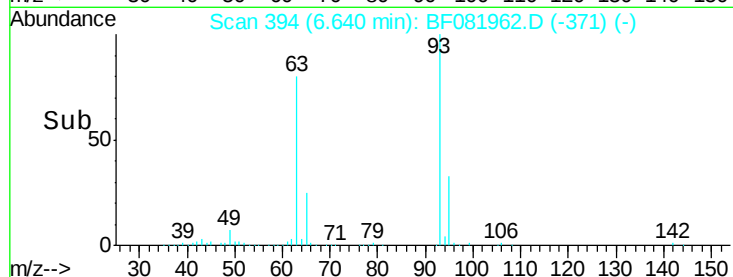
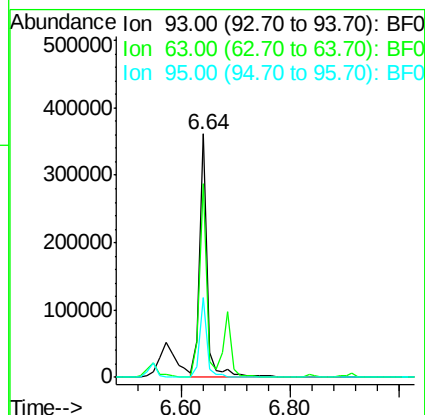
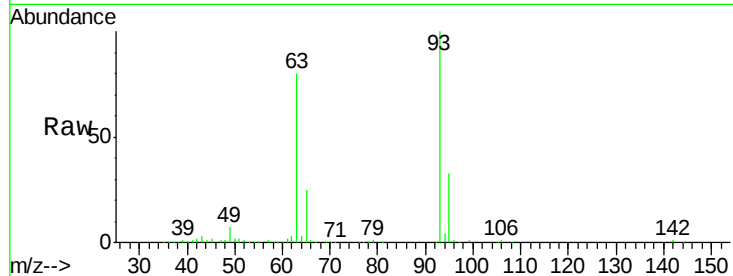




#11
bis(2-Chloroethyl)ether
Concen: 49.44 ng
RT: 6.64 min Scan# 394
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

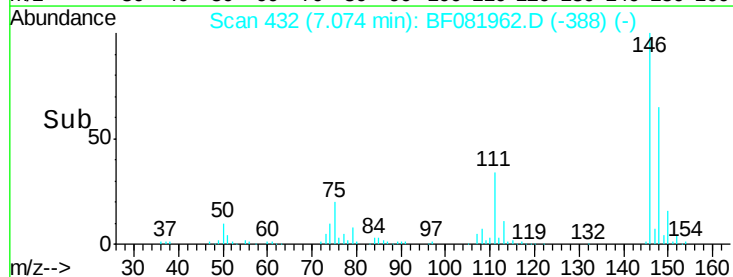
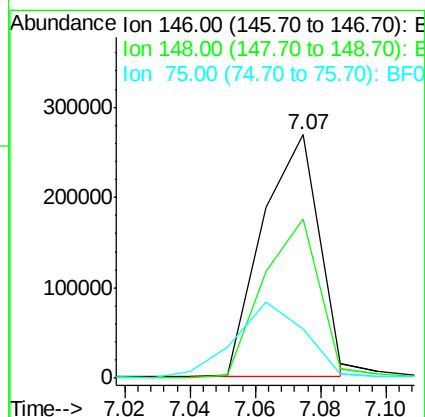
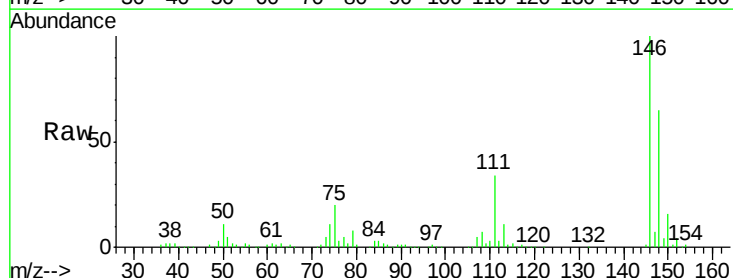
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

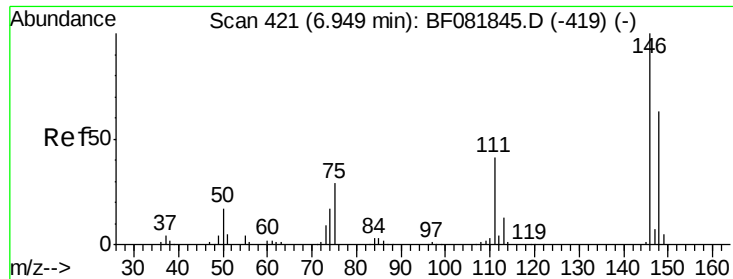
Tgt Ion: 93 Resp: 343300
Ion Ratio Lower Upper
93 100
63 79.8 65.6 105.6
95 32.6 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 39.08 ng
RT: 7.07 min Scan# 432
Delta R.T. 0.21 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion: 146 Resp: 323375
Ion Ratio Lower Upper
146 100
148 65.2 51.0 76.4
75 20.0 15.0 22.6

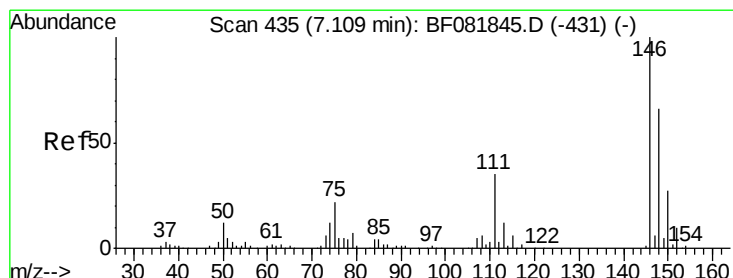
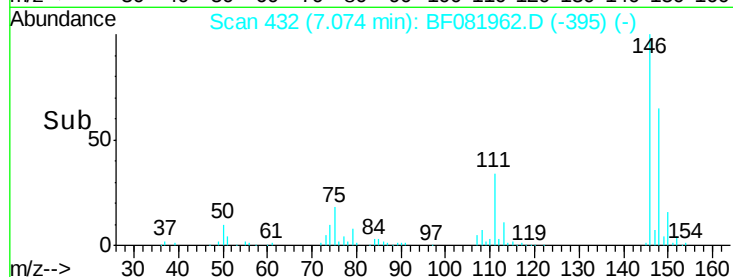
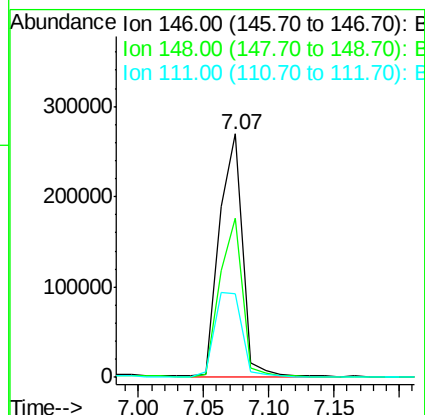
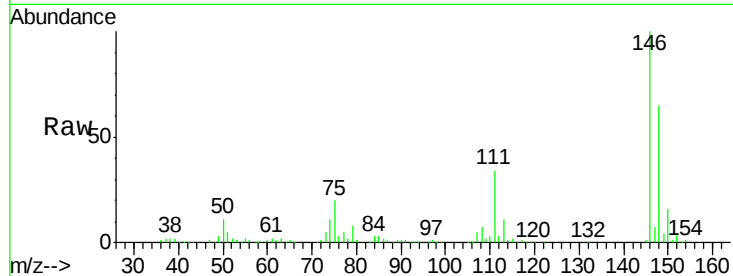




#13
 1,4-Dichlorobenzene
 Concen: 38.54 ng
 RT: 7.07 min Scan# 432
 Delta R.T. 0.13 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

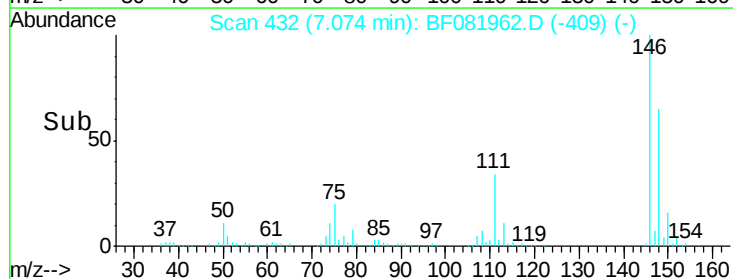
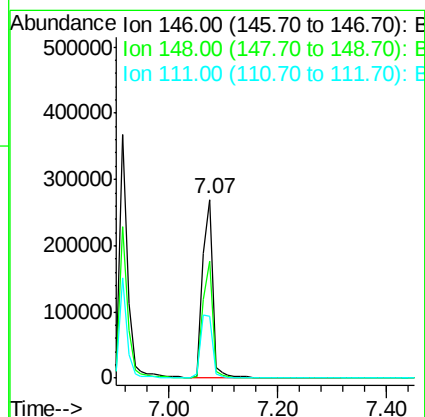
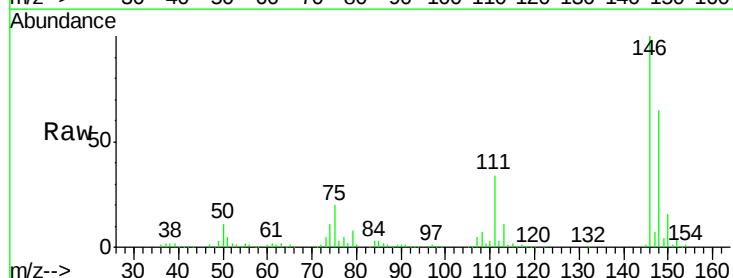
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

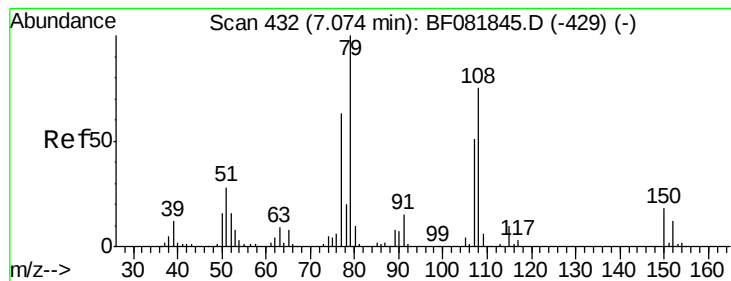
Tgt Ion:146 Resp: 333014
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.6
 111 34.4 24.9 37.3



#14
 1,2-Dichlorobenzene
 Concen: 44.94 ng
 RT: 7.07 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:146 Resp: 345969
 Ion Ratio Lower Upper
 146 100
 148 65.2 52.7 79.1
 111 34.4 28.8 43.2





#15

Benzyl Alcohol

Concen: 39.60 ng

RT: 7.04 min Scan# 429

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

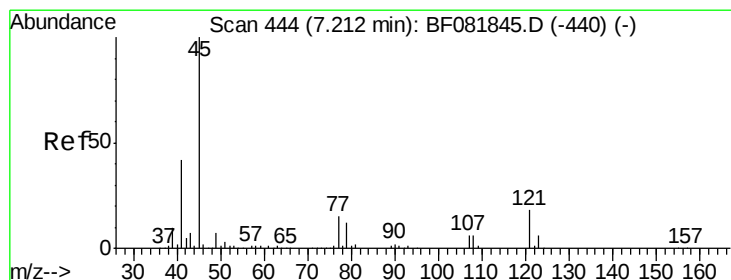
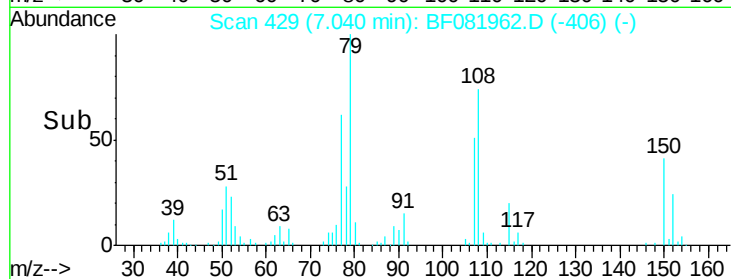
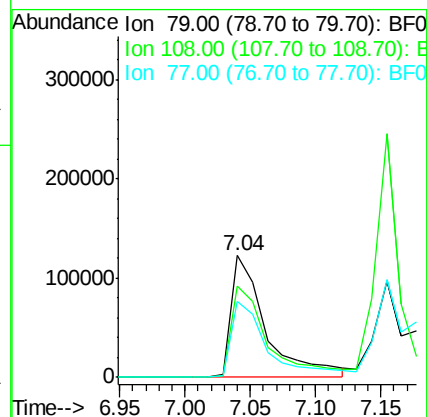
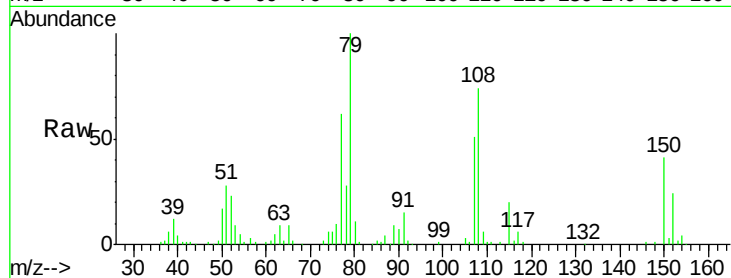
Tgt Ion: 79 Resp: 228192

Ion Ratio Lower Upper

79 100

108 74.5 88.6 132.8#

77 62.0 47.0 70.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.48 ng

RT: 7.18 min Scan# 441

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

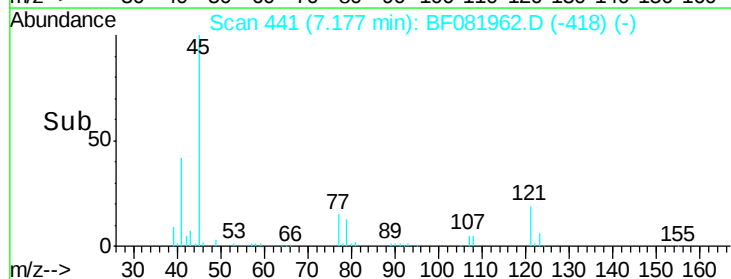
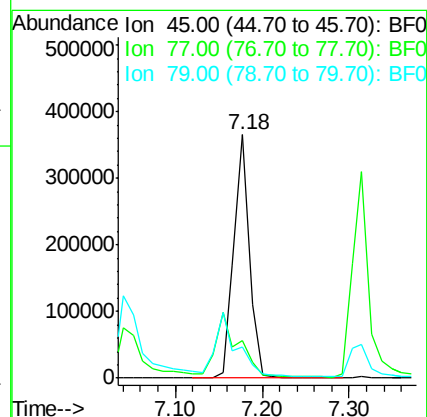
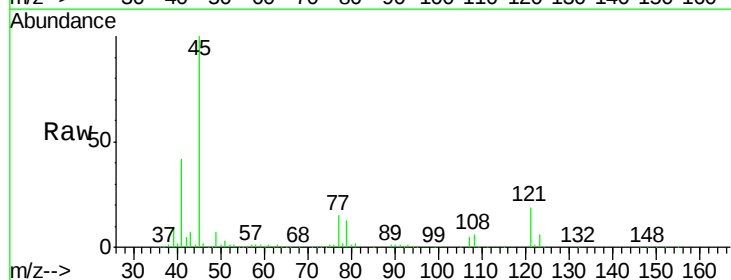
Tgt Ion: 45 Resp: 456273

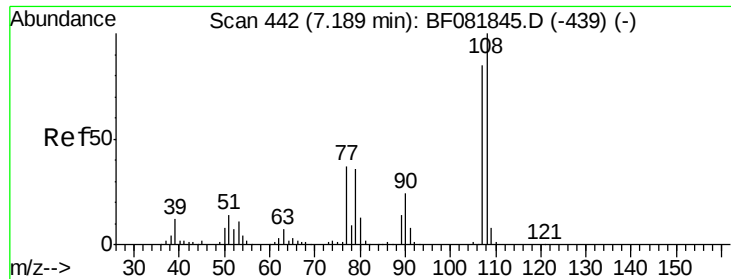
Ion Ratio Lower Upper

45 100

77 15.4 0.0 28.1

79 13.0 0.0 26.0

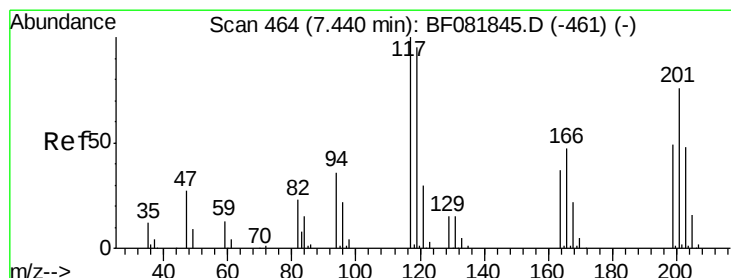
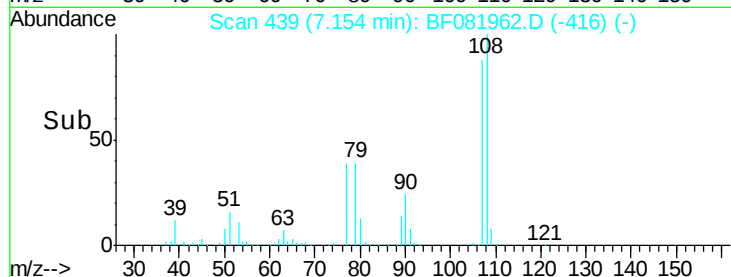
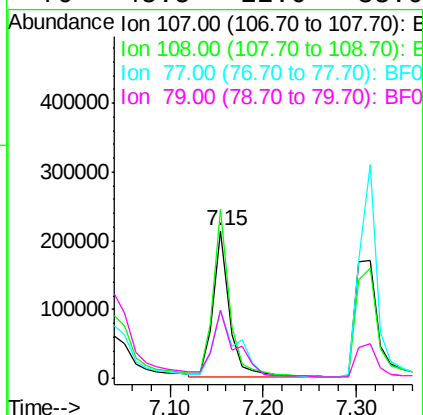
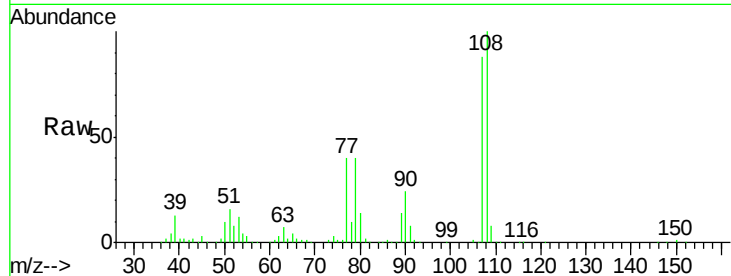




#17
2-Methylphenol
Concen: 47.24 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

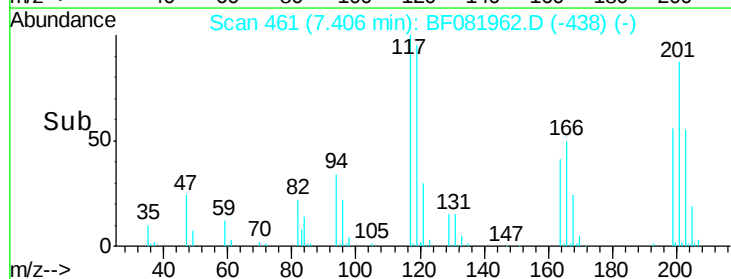
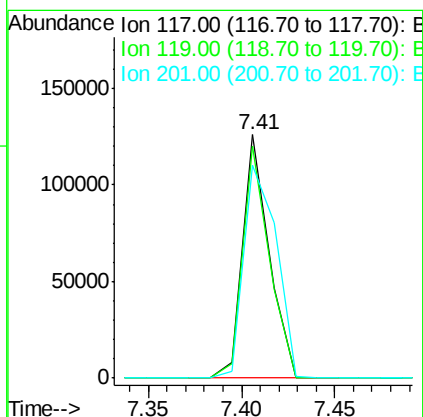
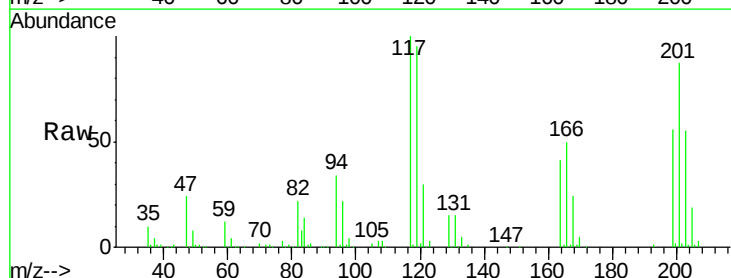
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

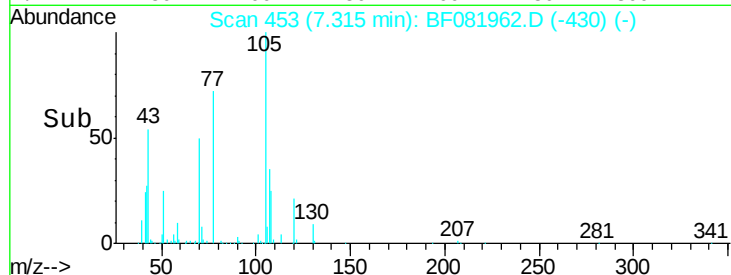
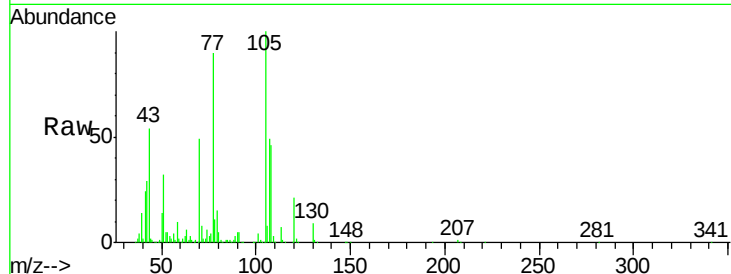
Tgt Ion:107 Resp: 268274
Ion Ratio Lower Upper
107 100
108 114.1 96.6 145.0
77 45.8 23.3 34.9#
79 45.5 22.0 33.0#



#18
Hexachloroethane
Concen: 45.89 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:117 Resp: 124120
Ion Ratio Lower Upper
117 100
119 95.3 83.8 125.6
201 87.4 55.1 82.7#

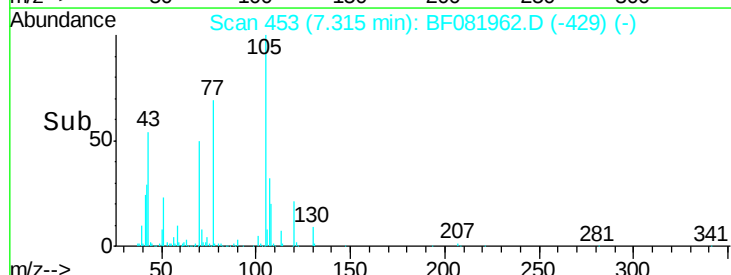
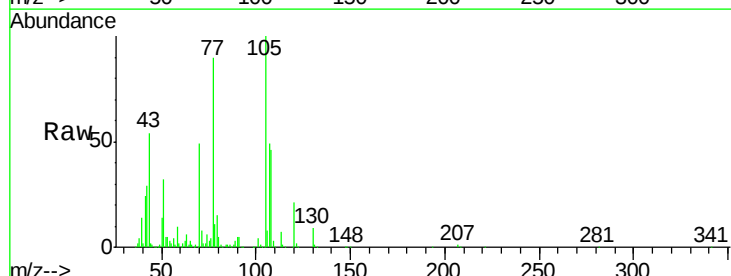
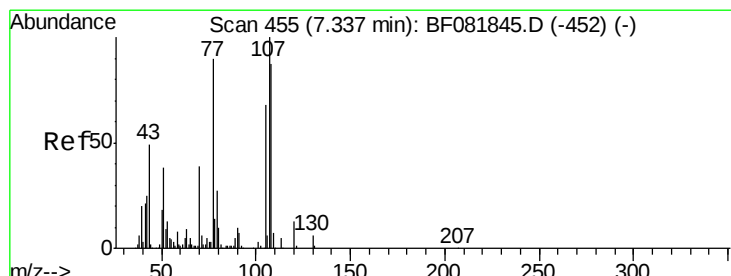
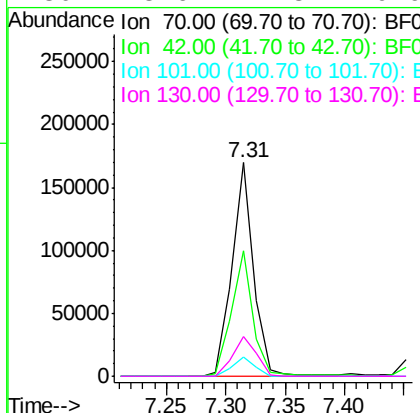




#19
n-Nitroso-di-n-propylamine
Concen: 44.05 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

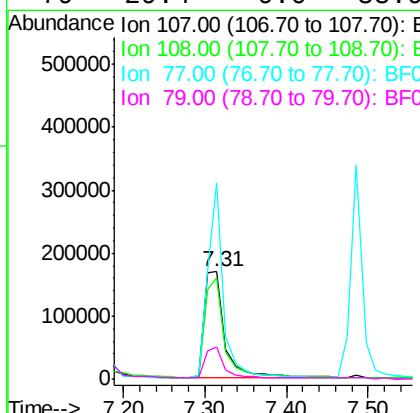
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

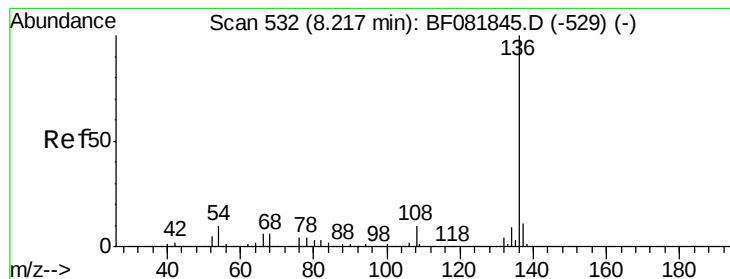
Tgt Ion: 70 Resp: 213690
Ion Ratio Lower Upper
70 100
42 58.8 63.8 95.6#
101 9.1 9.2 13.8#
130 18.6 27.3 40.9#



#20
3+4-Methylphenols
Concen: 42.39 ng
RT: 7.31 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion: 107 Resp: 304052
Ion Ratio Lower Upper
107 100
108 93.9 74.6 114.6
77 181.9 0.7 40.7#
79 29.4 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

Tgt Ion:136 Resp: 457063

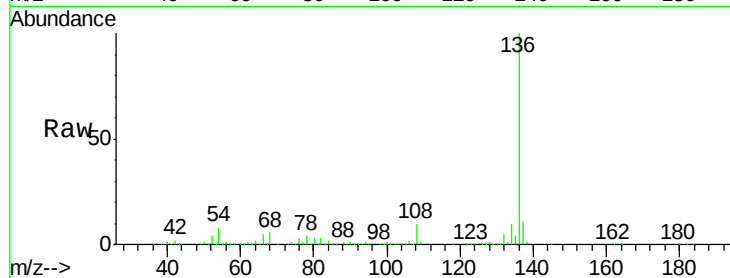
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 8.3 8.2 12.2

68 5.7 5.8 8.6#

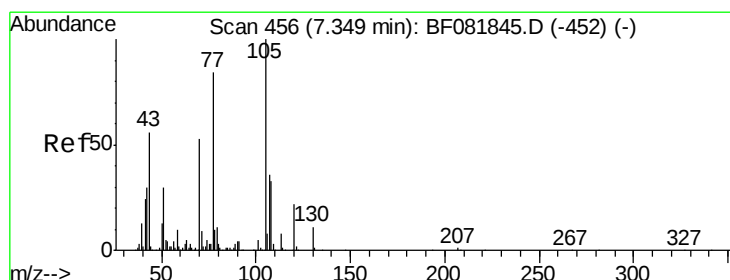
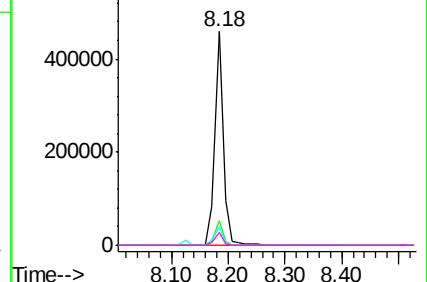
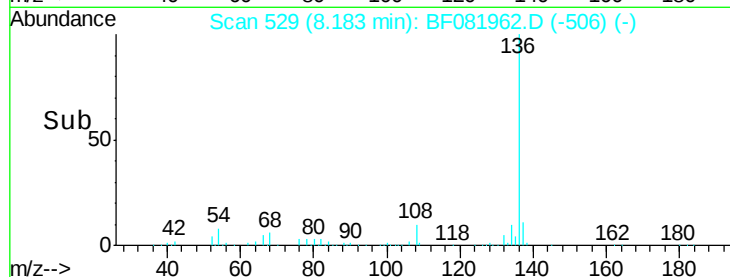


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.89 ng

RT: 7.31 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion:105 Resp: 447506

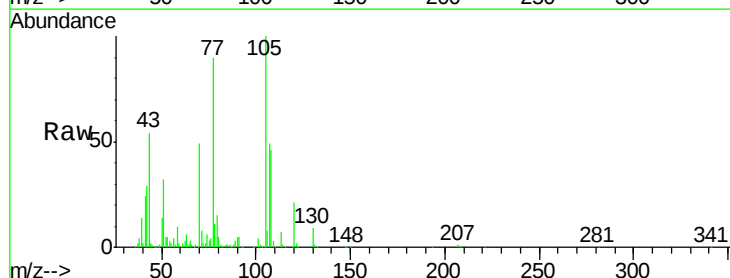
Ion Ratio Lower Upper

105 100

71 8.0 4.7 7.1#

51 32.4 22.0 33.0

120 21.2 30.1 45.1#

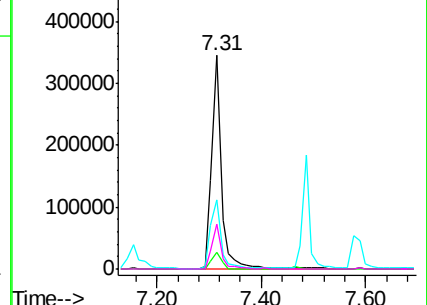
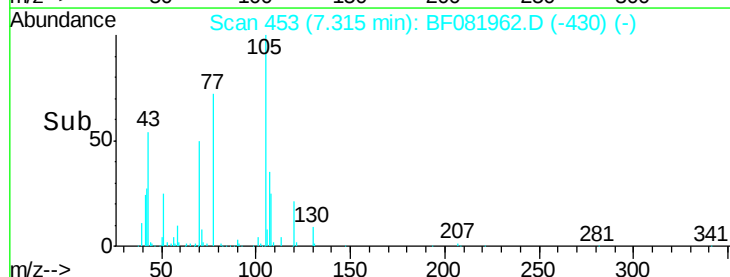


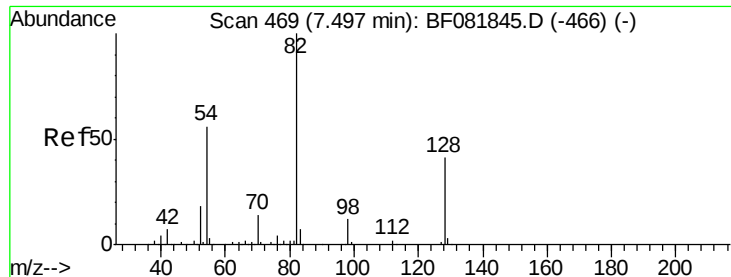
Abundance Ion 105.00 (104.70 to 105.70): E

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

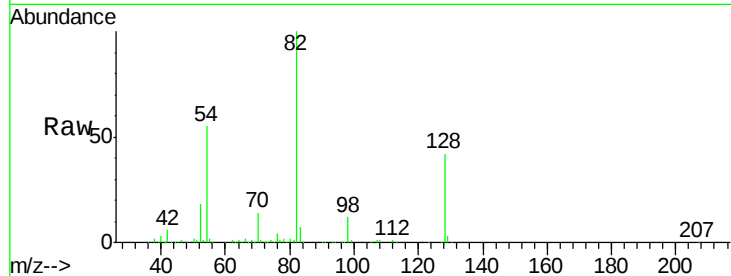




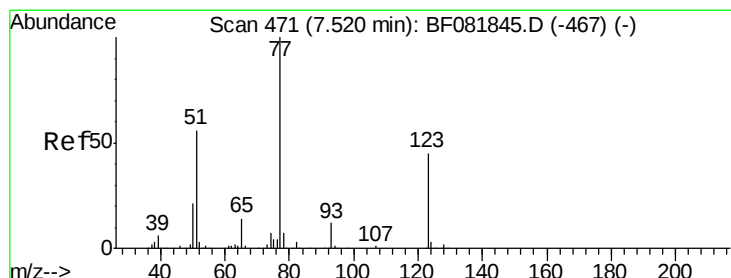
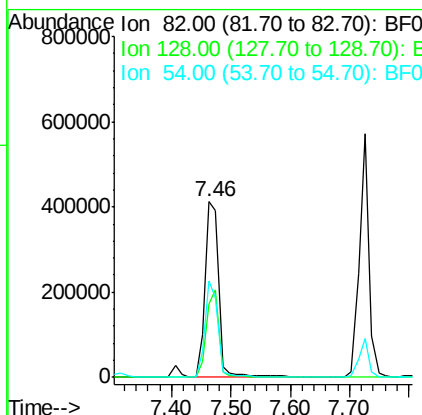
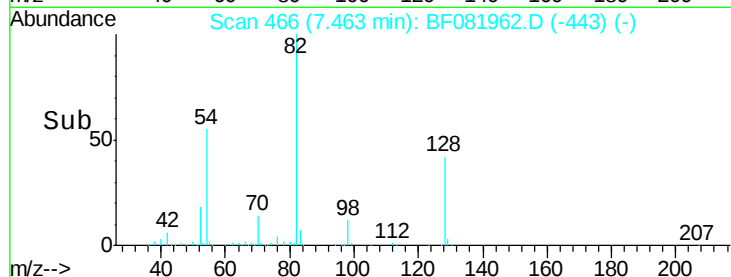
#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 7.46 min Scan# 466
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion: 82 Resp: 677947
 Ion Ratio Lower Upper
 82 100
 128 42.2 51.0 76.6#
 54 55.0 47.5 71.3

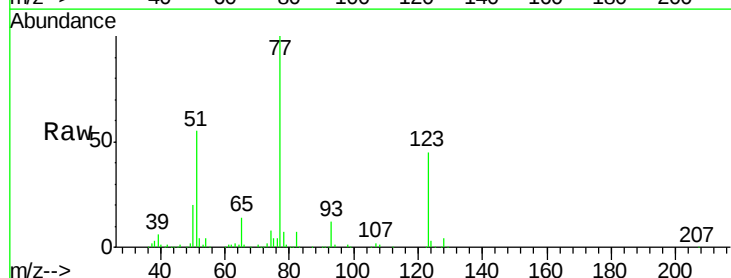


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

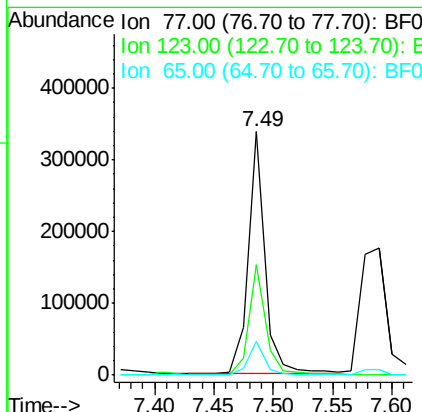
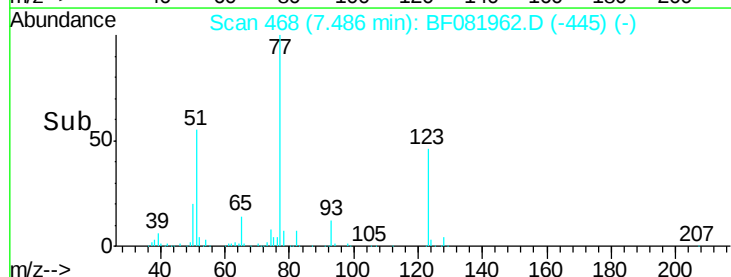


#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 7.49 min Scan# 468
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion: 77 Resp: 329767
 Ion Ratio Lower Upper
 77 100
 123 45.4 59.8 89.8#
 65 14.1 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 47.22 ng

RT: 7.73 min Scan# 489

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

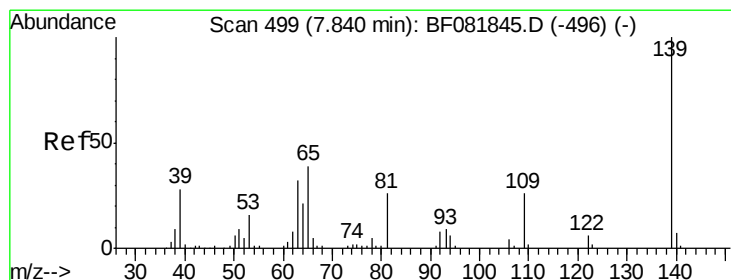
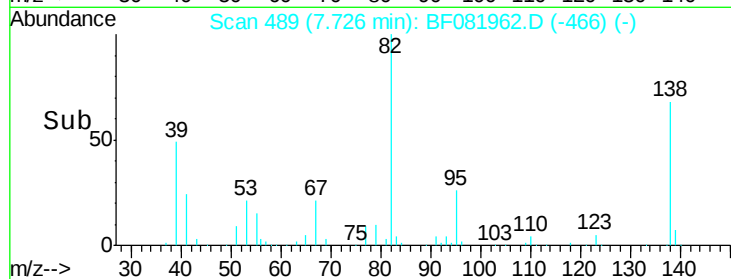
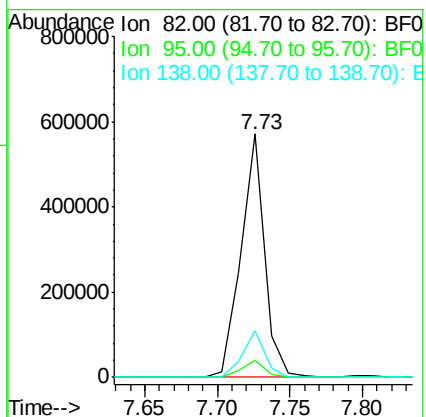
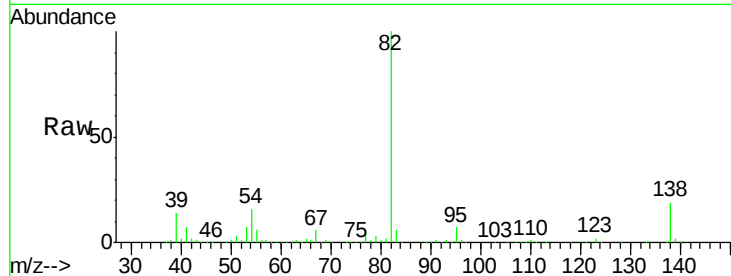
Tgt Ion: 82 Resp: 641719

Ion Ratio Lower Upper

82 100

95 7.2 4.0 6.0#

138 19.1 18.3 27.5



#26

2-Nitrophenol

Concen: 51.46 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

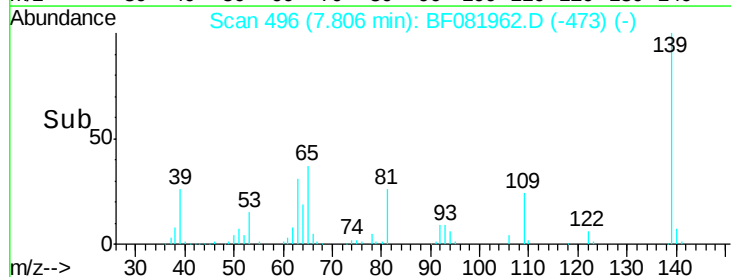
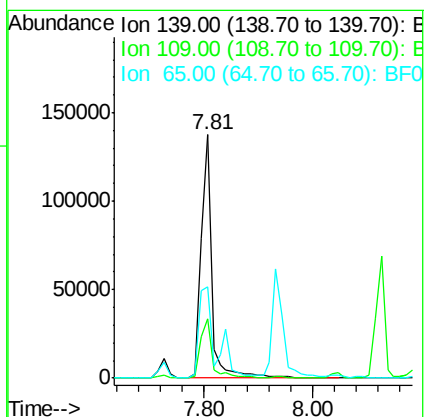
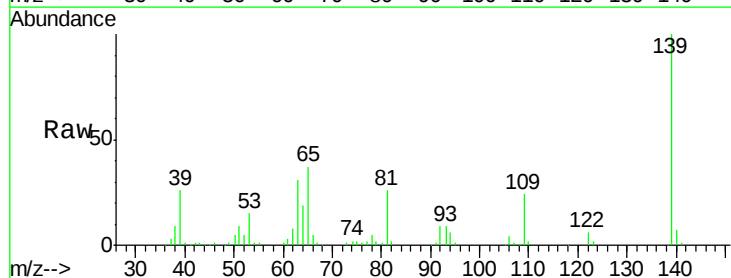
Tgt Ion: 139 Resp: 183927

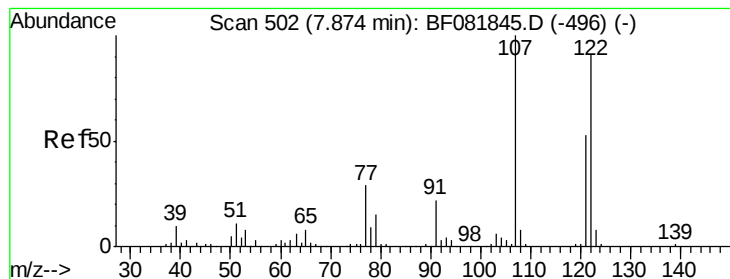
Ion Ratio Lower Upper

139 100

109 24.4 11.0 16.4#

65 37.4 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 49.08 ng

RT: 7.84 min Scan# 499

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

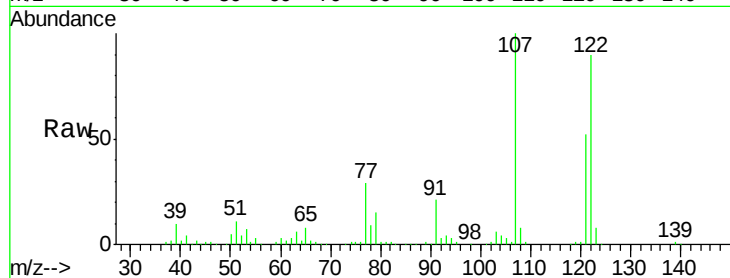
Tgt Ion:122 Resp: 308586

Ion Ratio Lower Upper

122 100

107 111.5 71.8 107.6#

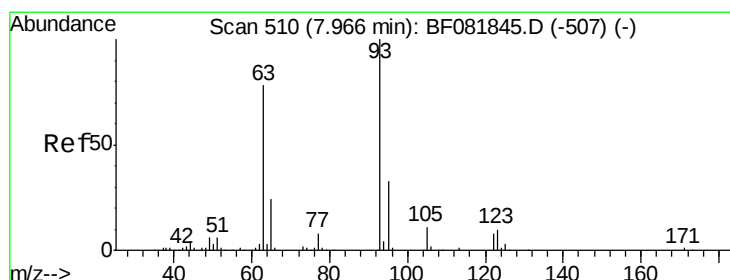
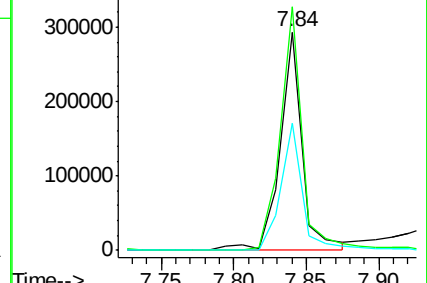
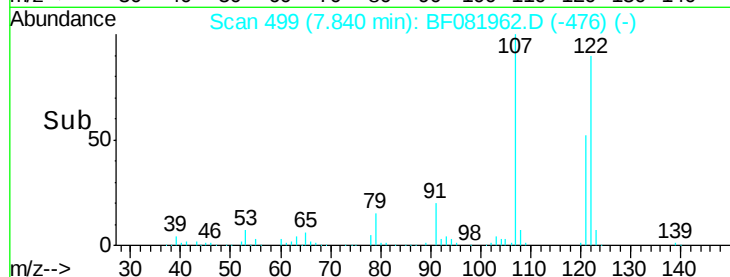
121 58.1 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.74 ng

RT: 7.93 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

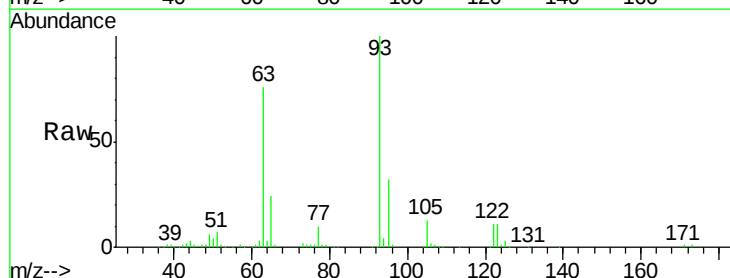
Tgt Ion: 93 Resp: 369169

Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

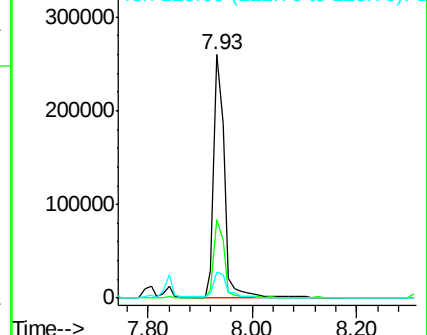
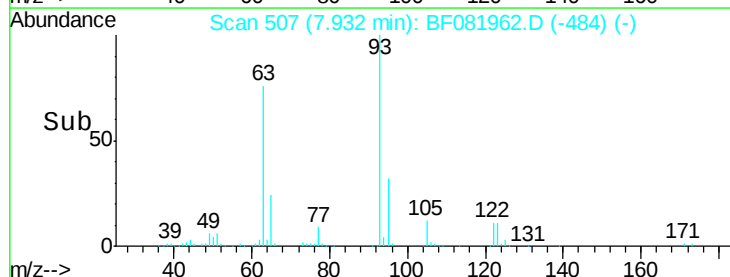
123 10.9 13.7 20.5#

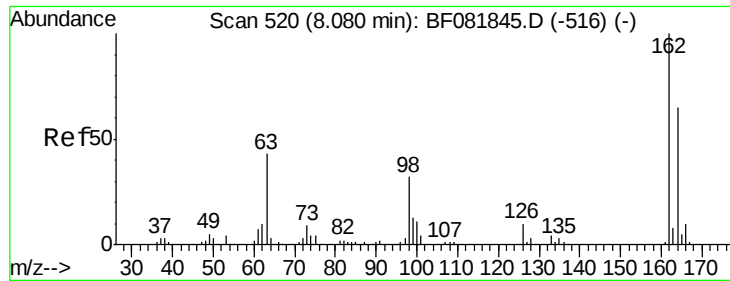


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

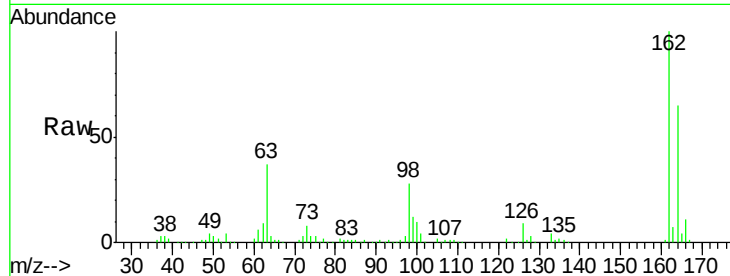




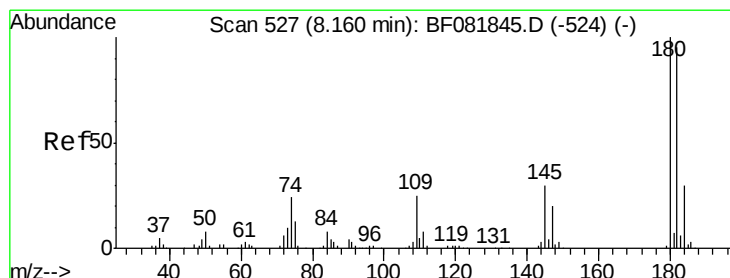
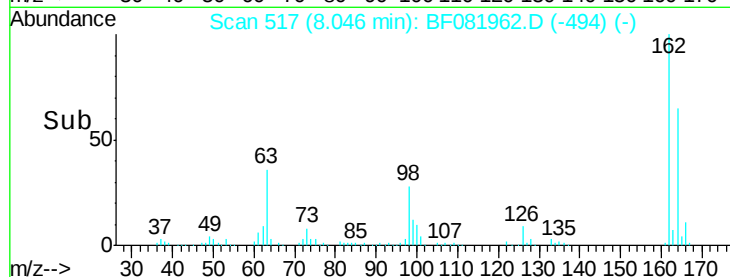
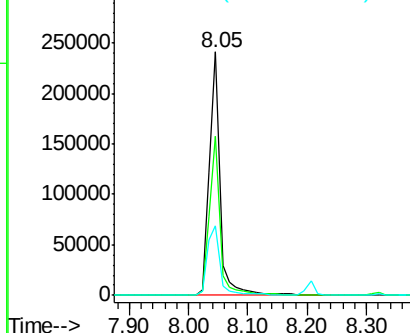
#29
 2,4-Dichlorophenol
 Concen: 50.35 ng
 RT: 8.05 min Scan# 517
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.9	84.9
98	28.3	13.0	53.0

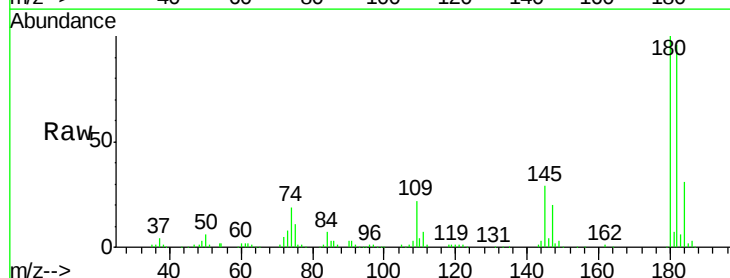


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

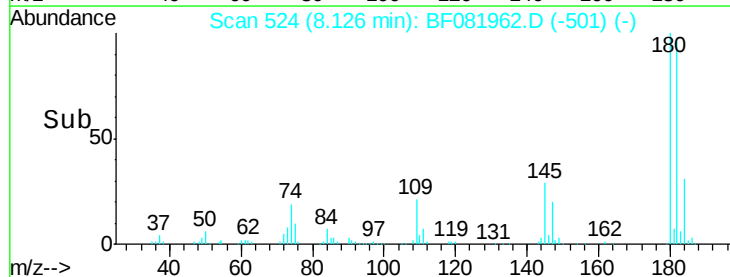
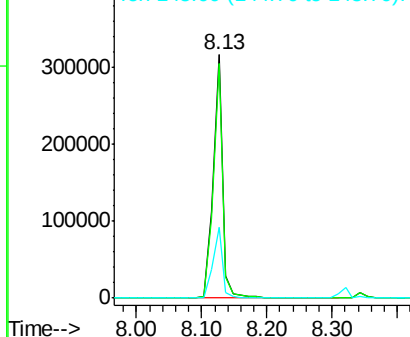


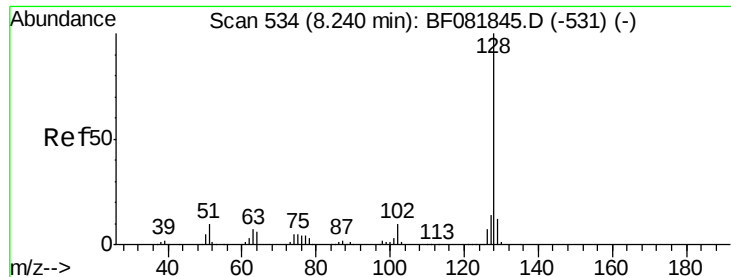
#30
 1,2,4-Trichlorobenzene
 Concen: 48.28 ng
 RT: 8.13 min Scan# 524
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.1	115.7
145	29.0	23.3	34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

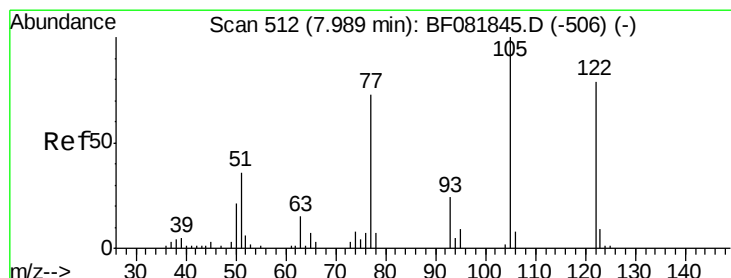
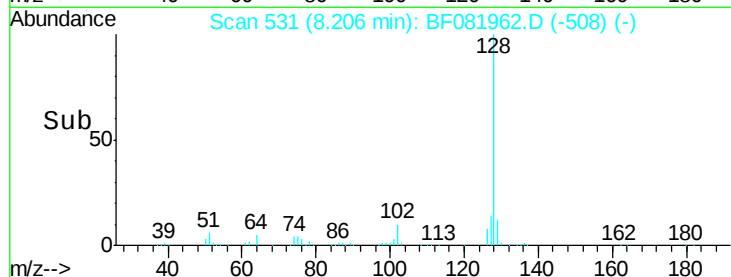
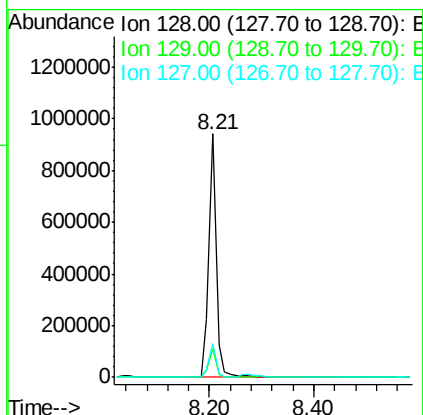
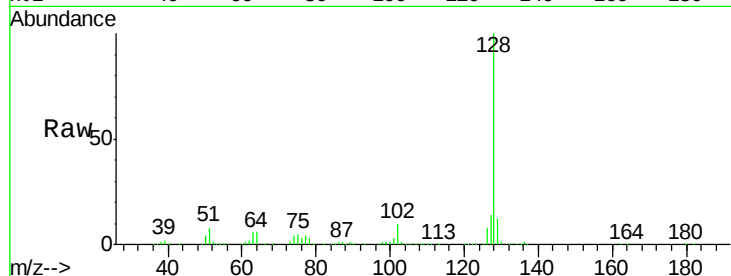




#31
Naphthalene
Concen: 46.43 ng
RT: 8.21 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

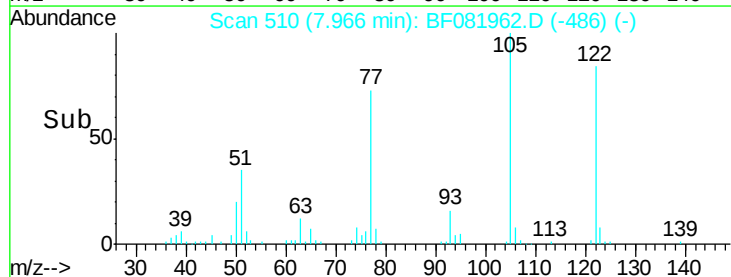
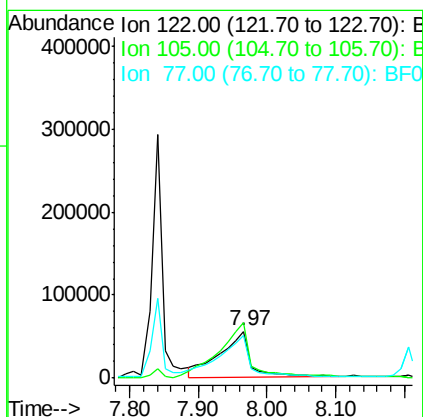
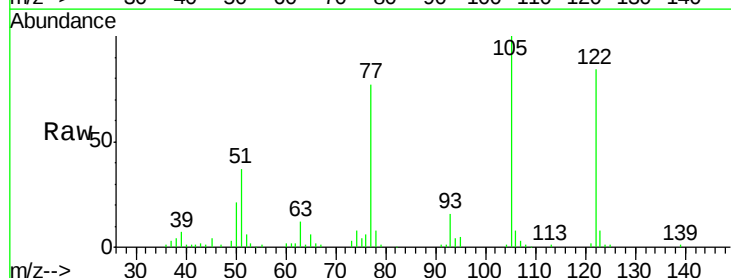
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

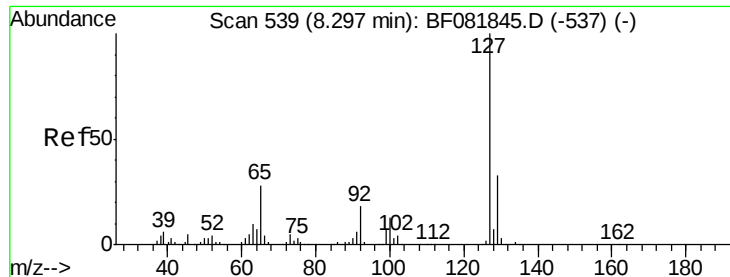
Tgt Ion:128 Resp: 940331
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.7 9.9 14.9



#32
Benzoic acid
Concen: 46.66 ng
RT: 7.97 min Scan# 510
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:122 Resp: 174578
Ion Ratio Lower Upper
122 100
105 119.5 76.1 116.1#
77 92.3 40.5 80.5#

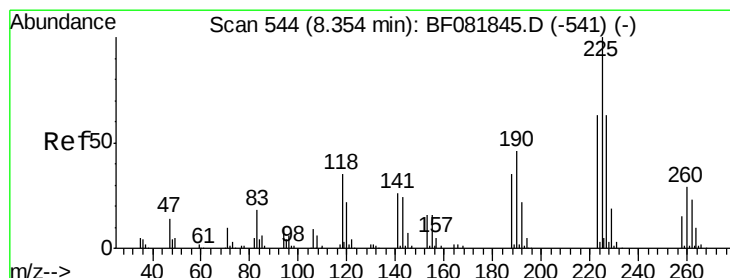
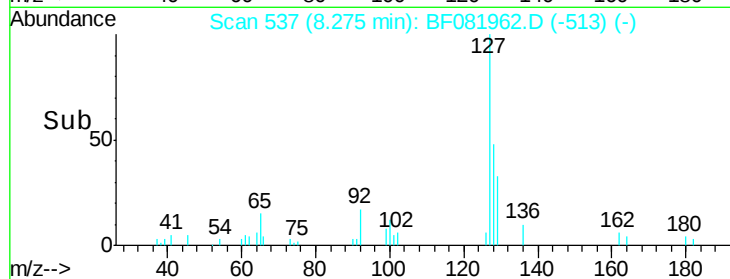
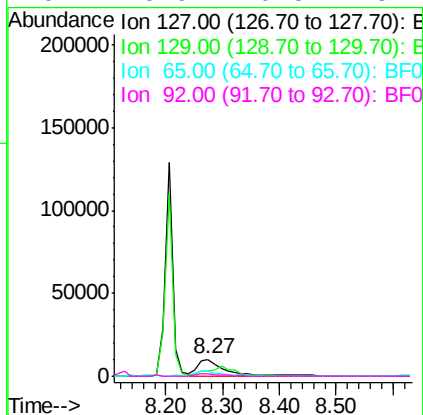
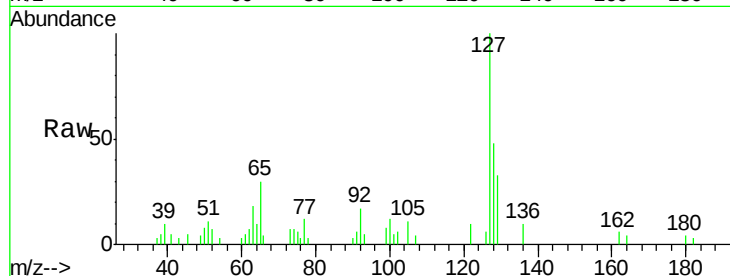




#33
4-Chloroaniline
Concen: 4.07 ng
RT: 8.27 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

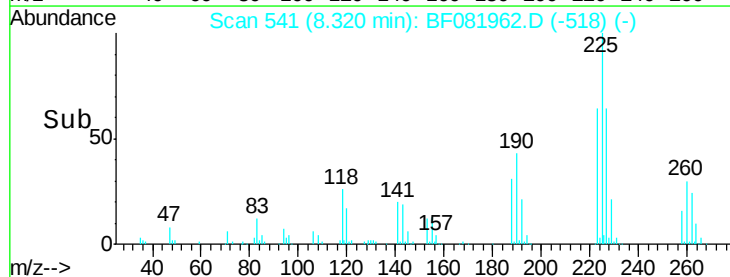
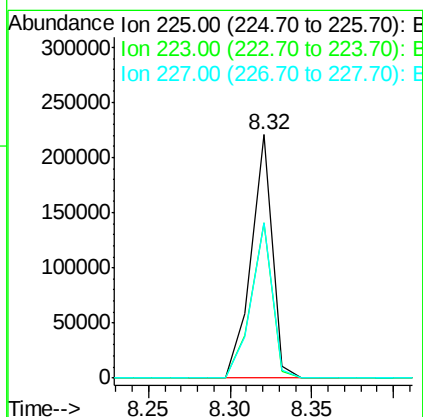
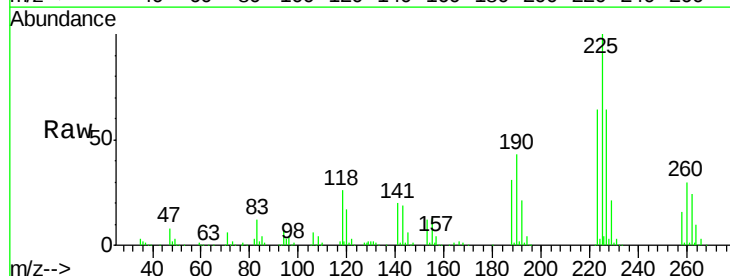
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

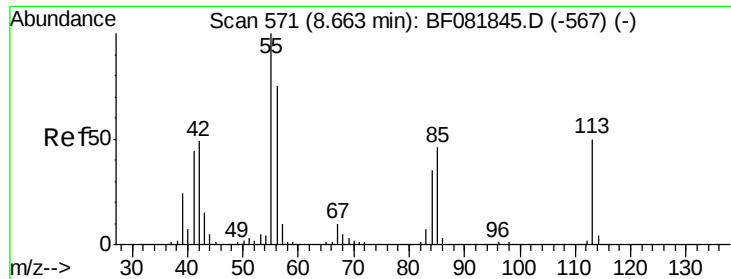
Tgt Ion:	127	Resp:	35611
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	29.9	17.9	26.9#
92	16.9	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 49.58 ng
RT: 8.32 min Scan# 541
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:	225	Resp:	199549
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	63.8	52.2	78.2

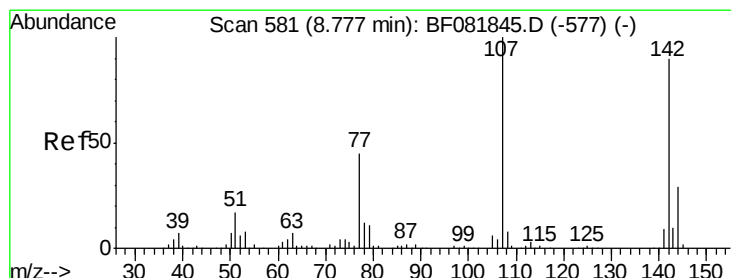
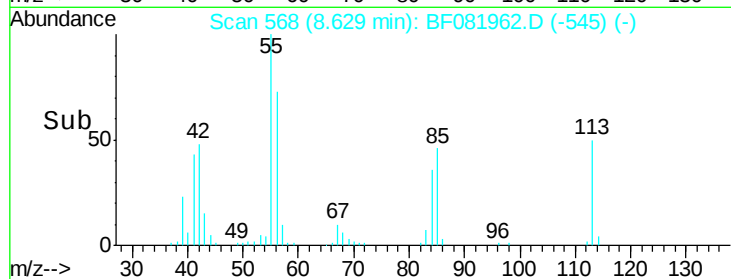
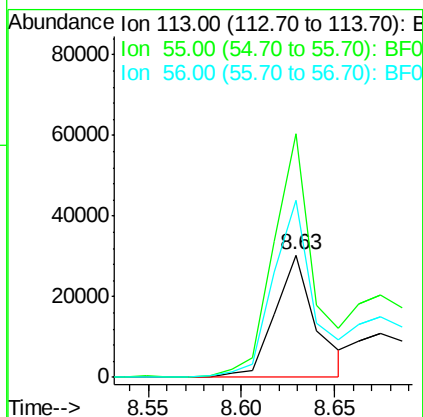
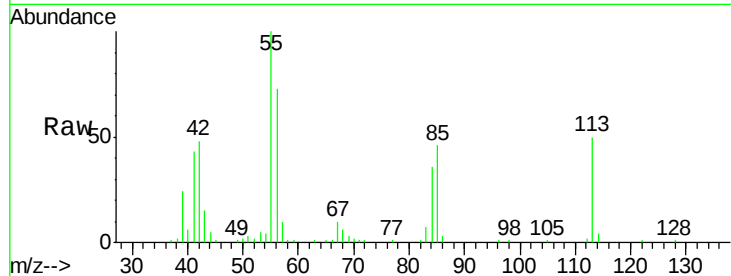




#35
 Caprolactam
 Concen: 27.12 ng
 RT: 8.63 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

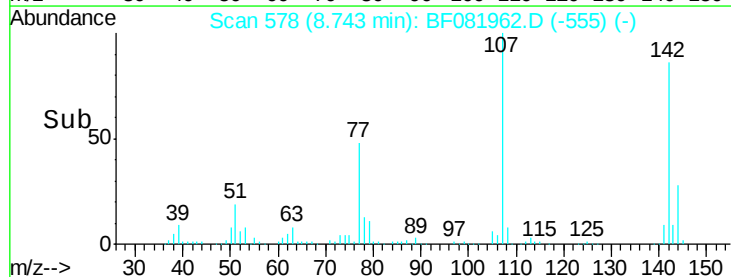
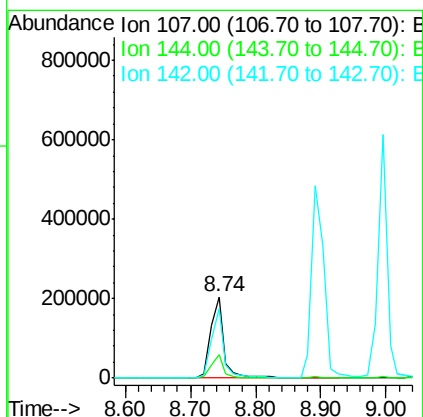
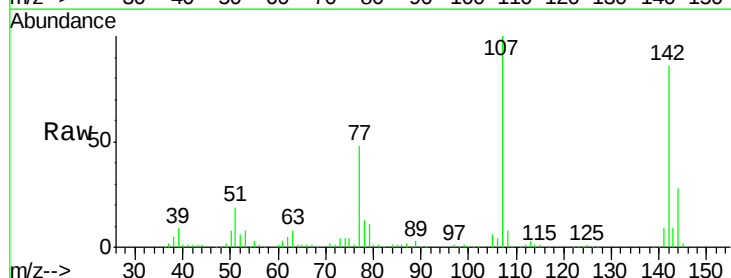
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

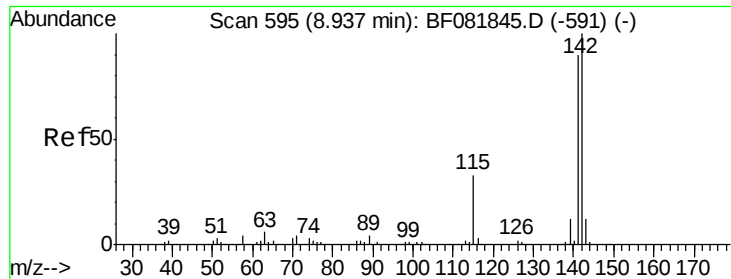
Tgt Ion:113 Resp: 45776
 Ion Ratio Lower Upper
 113 100
 55 199.1 152.4 192.4#
 56 144.7 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 50.43 ng
 RT: 8.74 min Scan# 578
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:107 Resp: 300623
 Ion Ratio Lower Upper
 107 100
 144 28.2 25.4 38.0
 142 85.7 77.3 115.9

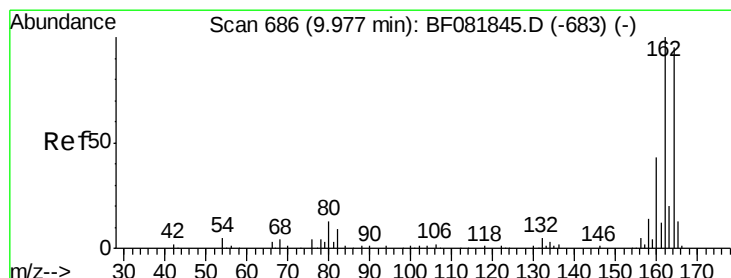
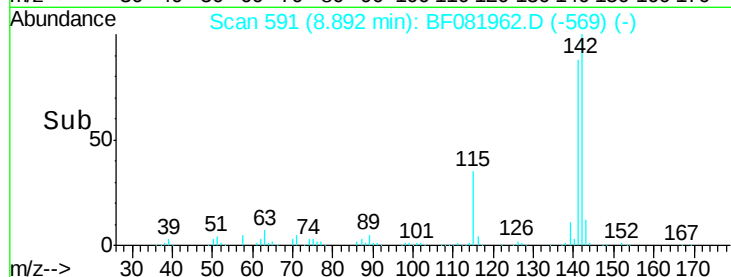
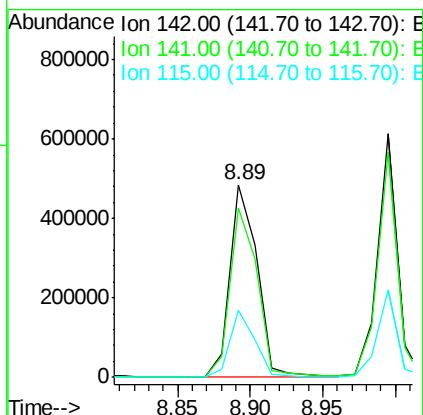
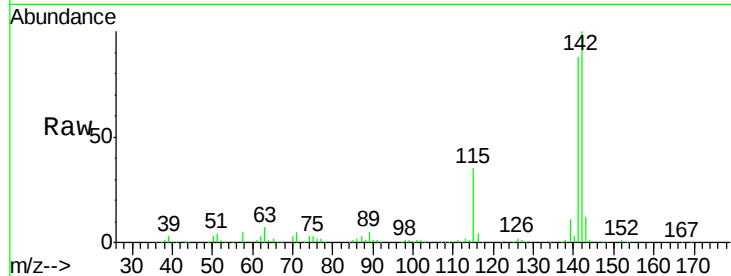




#37
2-Methylnaphthalene
Concen: 45.93 ng
RT: 8.89 min Scan# 591
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

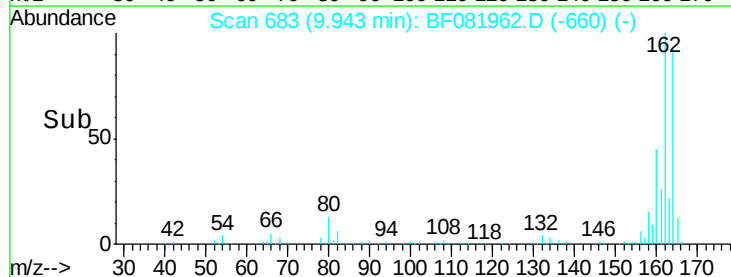
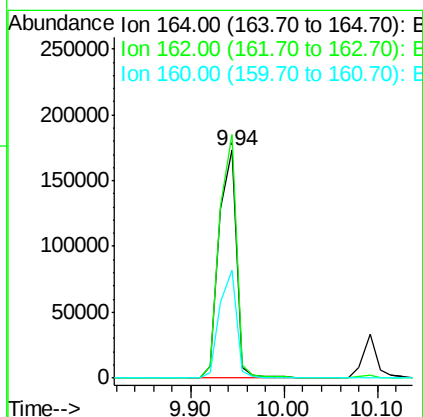
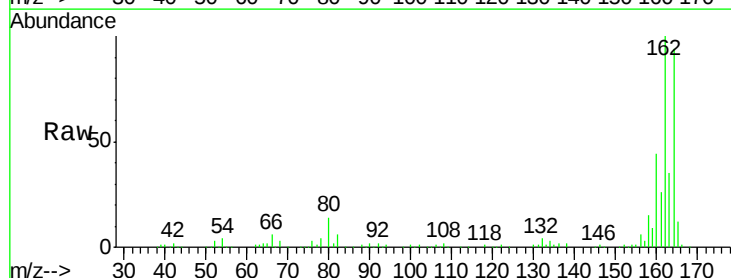
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

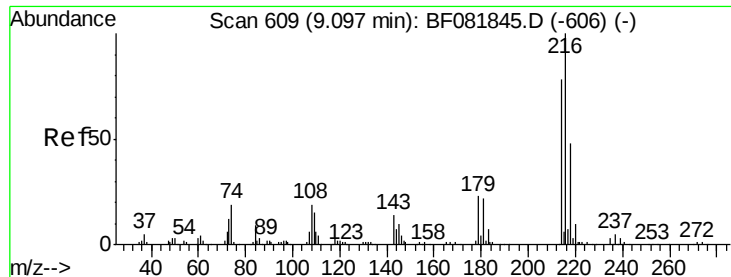
Tgt Ion:142 Resp: 635025
Ion Ratio Lower Upper
142 100
141 88.2 67.5 101.3
115 34.9 18.2 27.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:164 Resp: 224077
Ion Ratio Lower Upper
164 100
162 106.8 75.2 112.8
160 47.5 31.5 47.3#

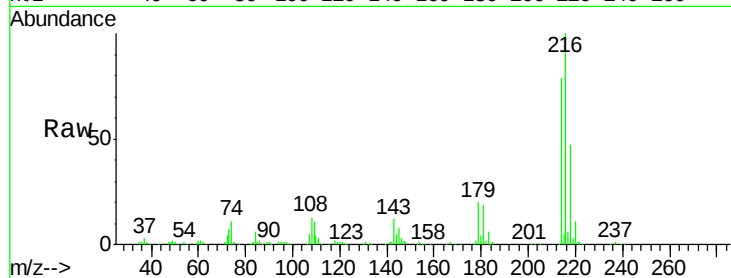




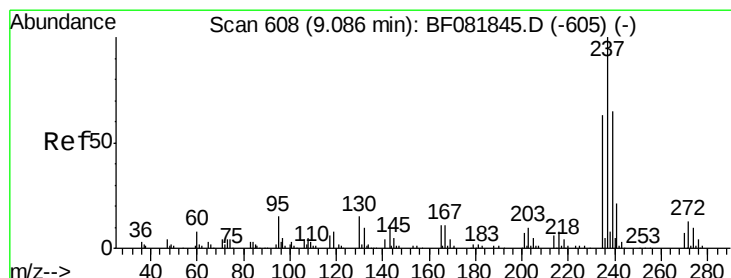
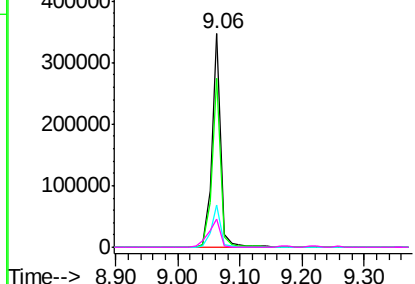
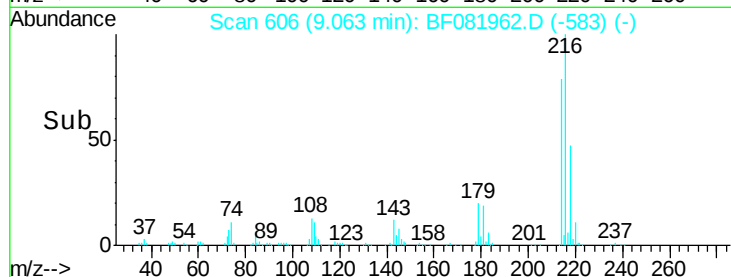
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.41 ng
 RT: 9.06 min Scan# 606
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion:	216	Resp:	333049
Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.5	95.3
179	20.8	16.6	24.8
108	18.3	16.3	24.5

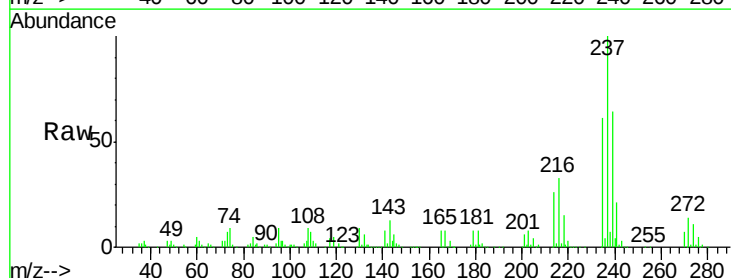


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

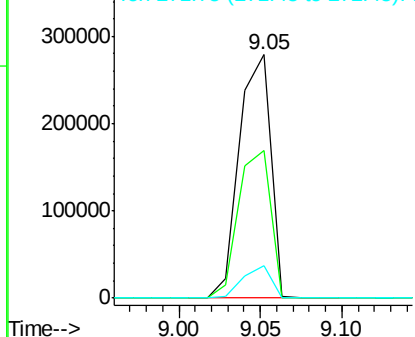
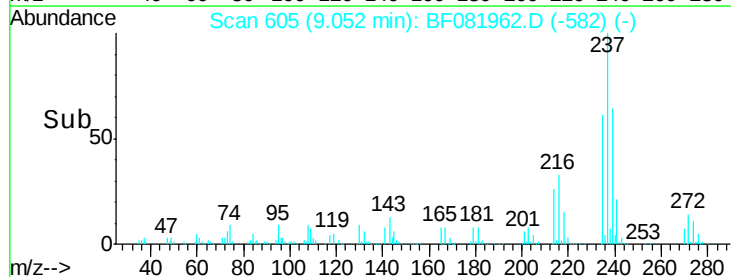


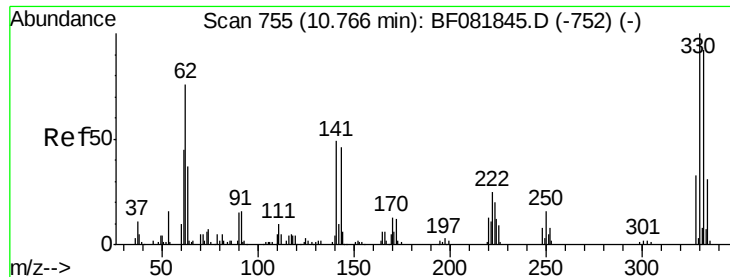
#40
 Hexachlorocyclopentadiene
 Concen: 104.99 ng
 RT: 9.05 min Scan# 605
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:	237	Resp:	371939
Ion	Ratio	Lower	Upper
237	100		
235	60.8	42.0	82.0
272	13.6	0.0	36.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

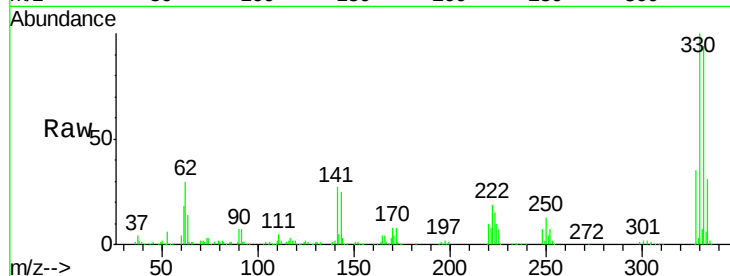




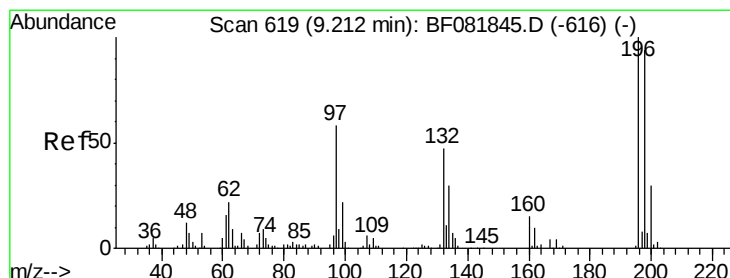
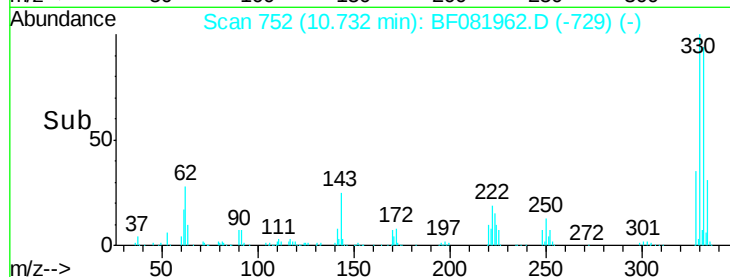
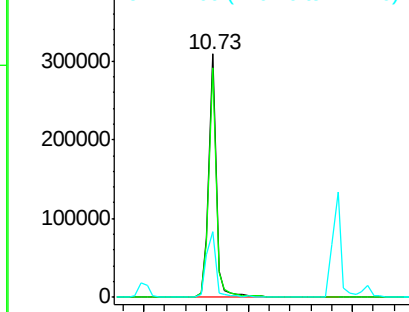
#41
 2,4,6-Tribromophenol
 Concen: 138.91 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion:330 Resp: 315233
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 114.8
 141 34.0 29.7 44.5

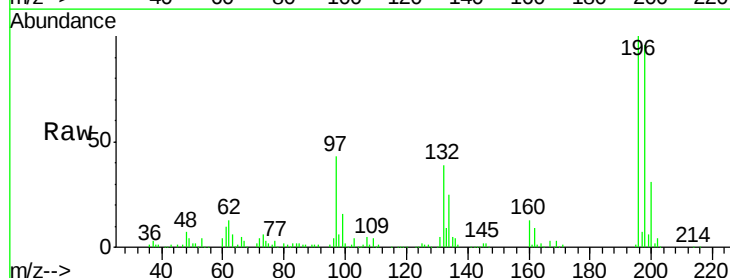


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

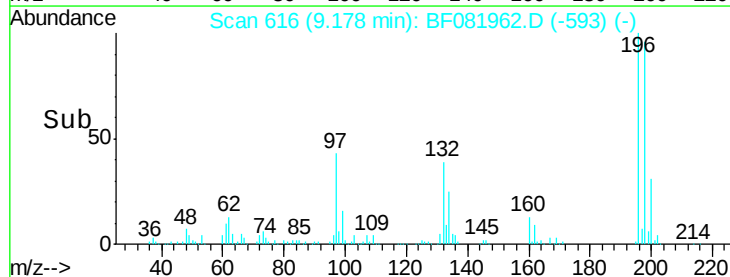
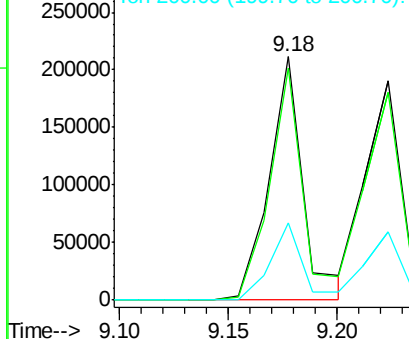


#42
 2,4,6-Trichlorophenol
 Concen: 48.84 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:196 Resp: 230341
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.7 113.5
 200 31.5 23.9 35.9



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

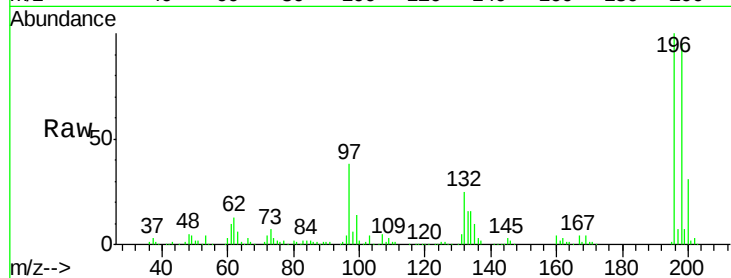




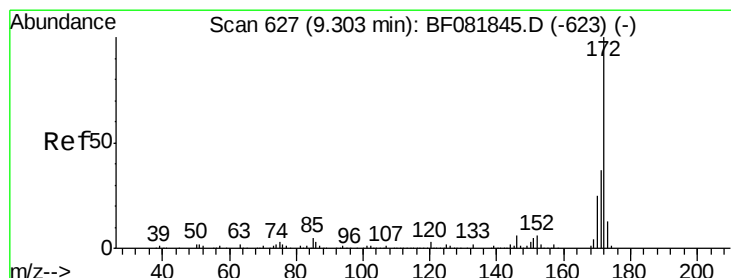
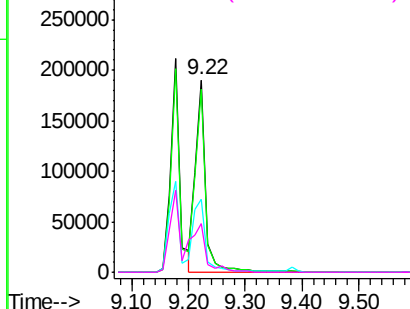
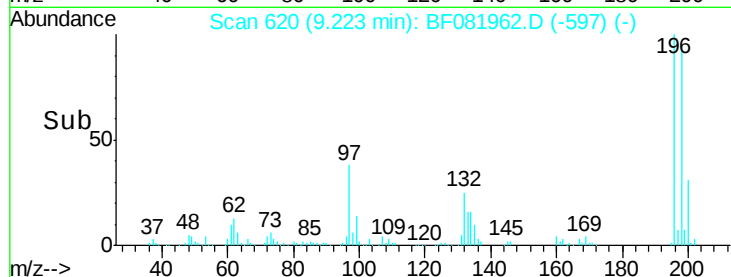
#43
 2,4,5-Trichlorophenol
 Concen: 49.60 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion:196 Resp: 240569
 Ion Ratio Lower Upper
 196 100
 198 95.1 75.4 113.0
 97 37.9 33.3 49.9
 132 25.1 24.6 37.0

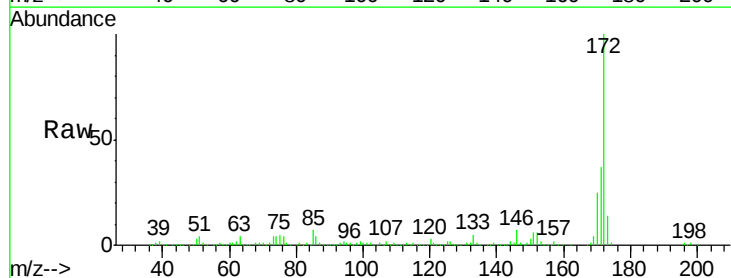


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

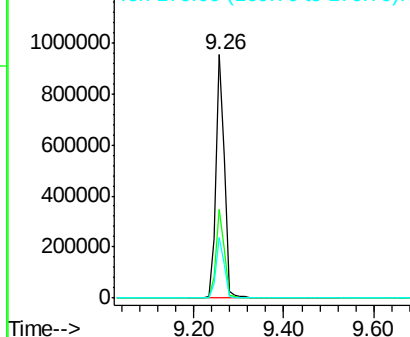
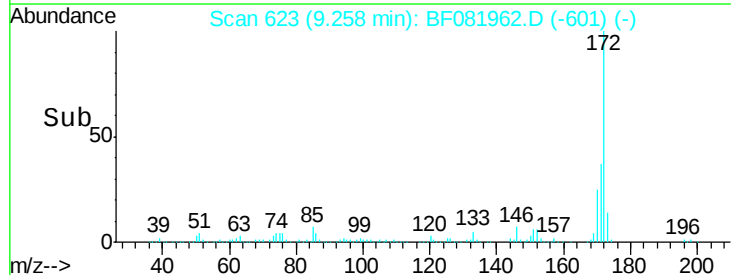


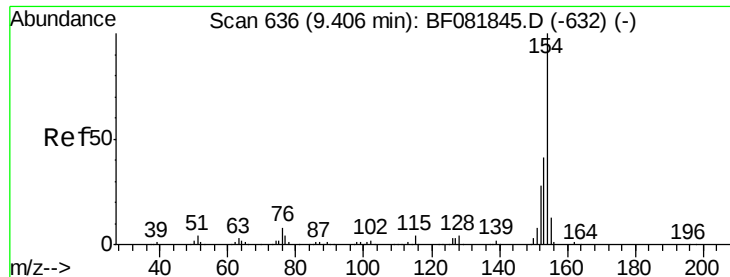
#44
 2-Fluorobiphenyl
 Concen: 95.31 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:172 Resp: 1246389
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 24.8 17.4 26.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

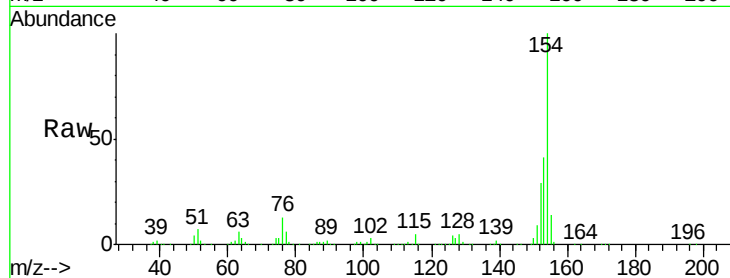




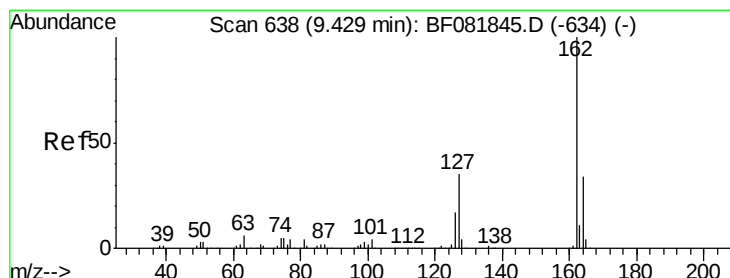
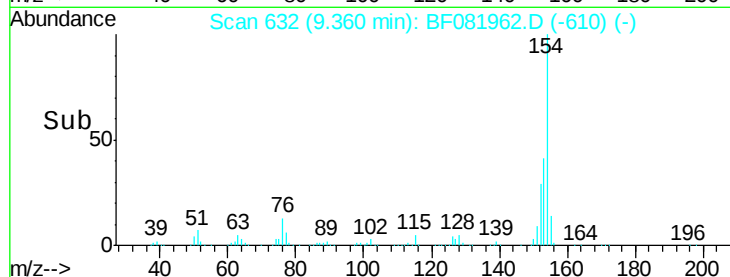
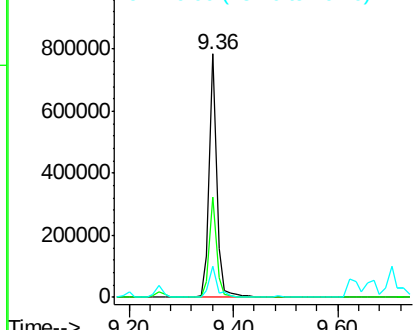
#45
 1,1'-Biphenyl
 Concen: 45.48 ng
 RT: 9.36 min Scan# 632
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

Tgt Ion:154 Resp: 786303
 Ion Ratio Lower Upper
 154 100
 153 41.1 17.1 57.1
 76 12.8 0.0 31.6

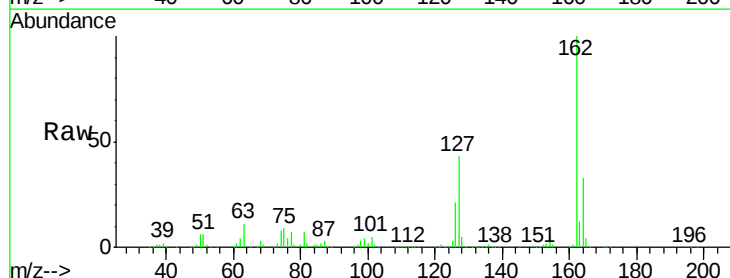


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

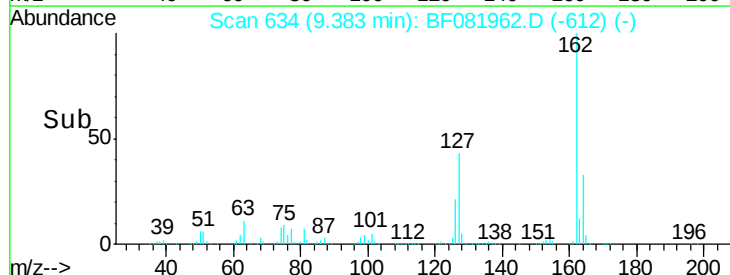
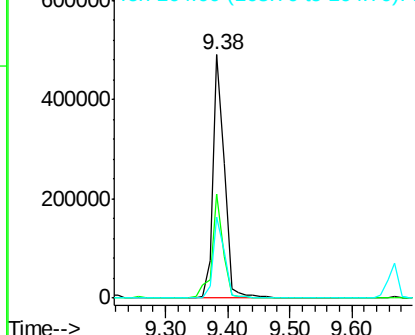


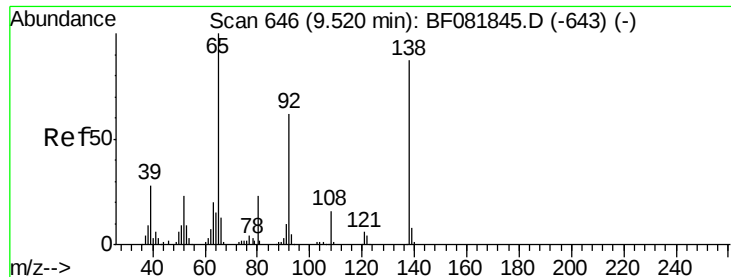
#46
 2-Chloronaphthalene
 Concen: 45.31 ng
 RT: 9.38 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:162 Resp: 614971
 Ion Ratio Lower Upper
 162 100
 127 42.8 27.6 41.4#
 164 33.3 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

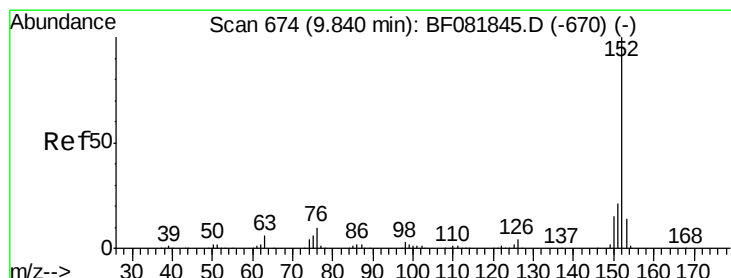
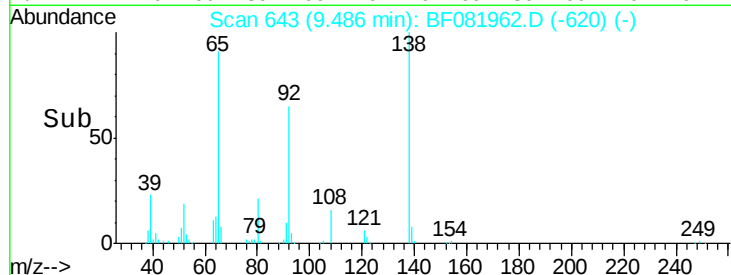
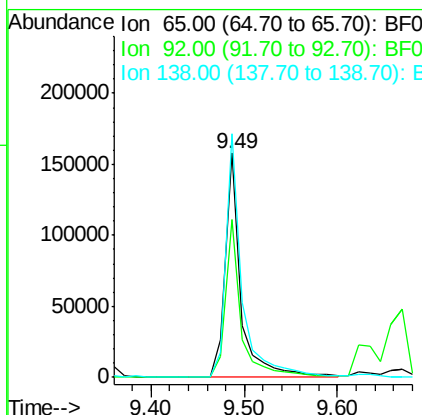
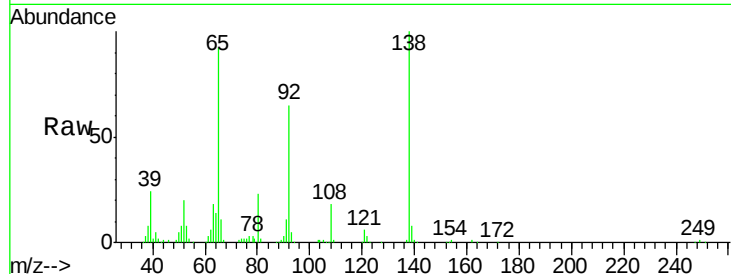




#47
2-Nitroaniline
Concen: 46.48 ng
RT: 9.49 min Scan# 643
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

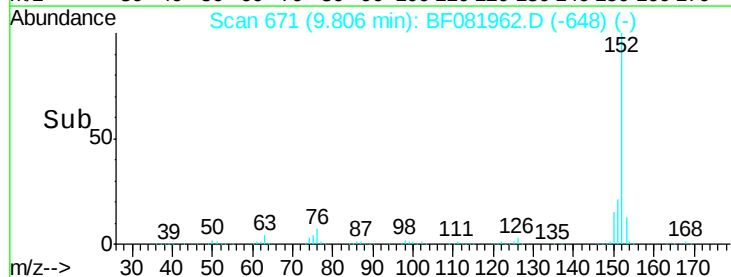
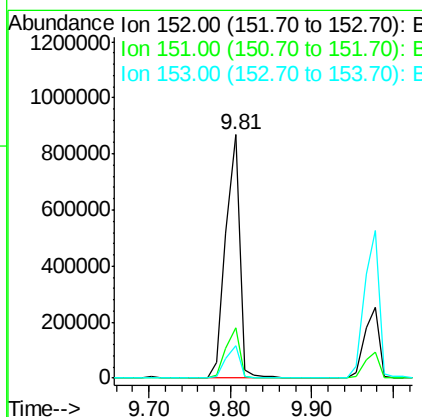
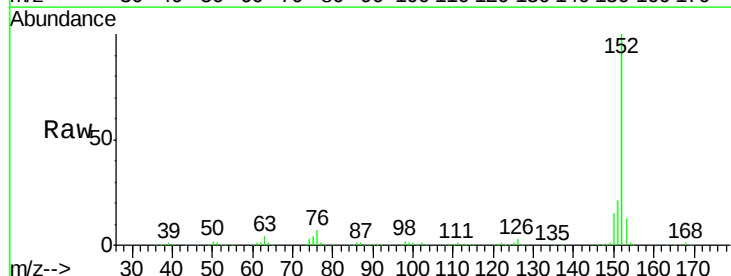
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

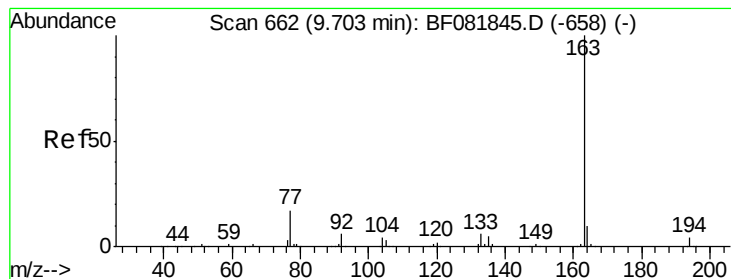
Tgt Ion: 65 Resp: 185220
Ion Ratio Lower Upper
65 100
92 70.2 55.4 83.0
138 108.7 115.5 173.3#



#48
Acenaphthylene
Concen: 47.60 ng
RT: 9.81 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion: 152 Resp: 1034150
Ion Ratio Lower Upper
152 100
151 20.6 14.6 22.0
153 13.4 10.3 15.5





#49

Dimethylphthalate

Concen: 51.29 ng

RT: 9.67 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

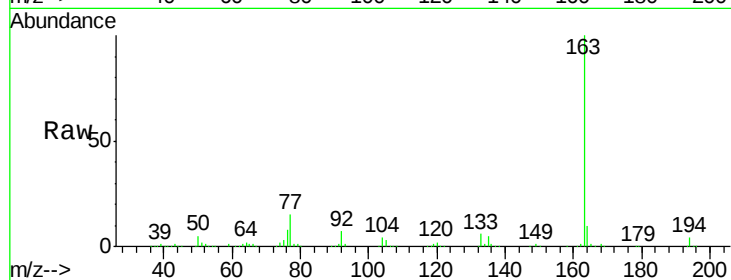
Tgt Ion:163 Resp: 793280

Ion Ratio Lower Upper

163 100

194 3.8 4.4 6.6#

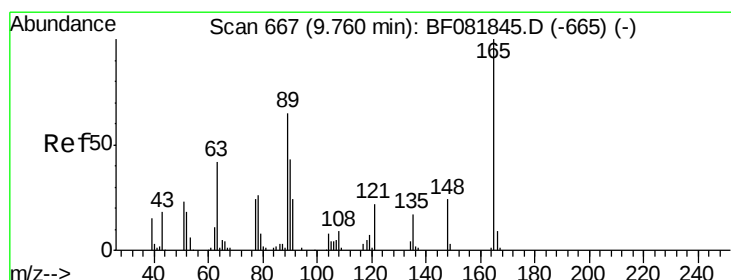
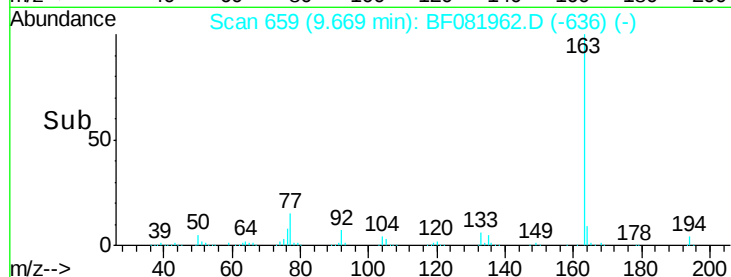
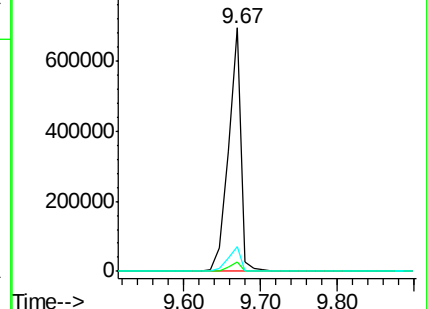
164 10.2 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.00 ng

RT: 9.73 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

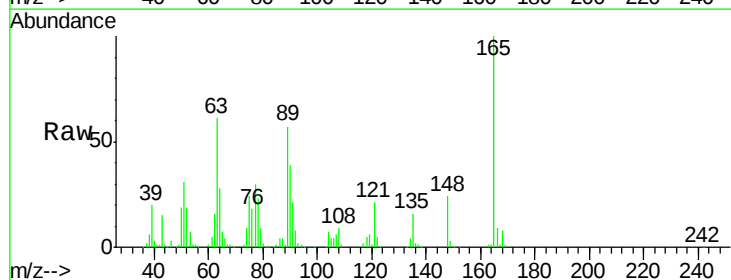
Tgt Ion:165 Resp: 161184

Ion Ratio Lower Upper

165 100

63 61.1 32.3 48.5#

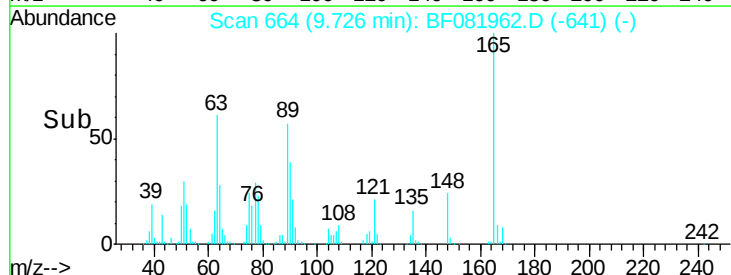
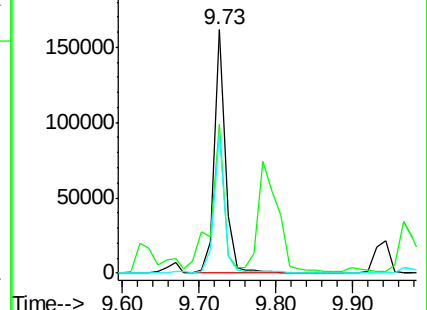
89 57.3 28.6 43.0#

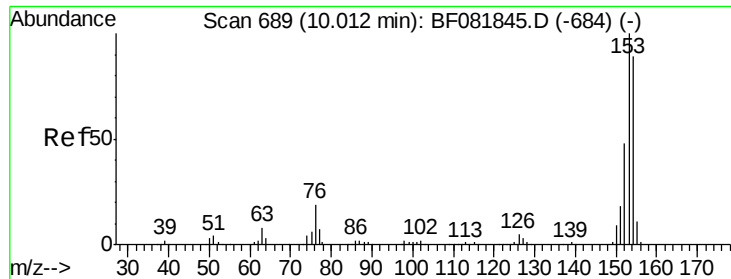


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

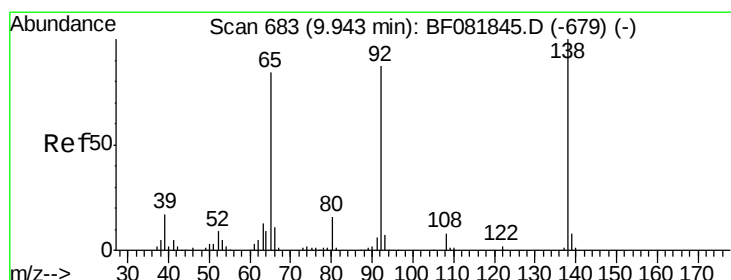
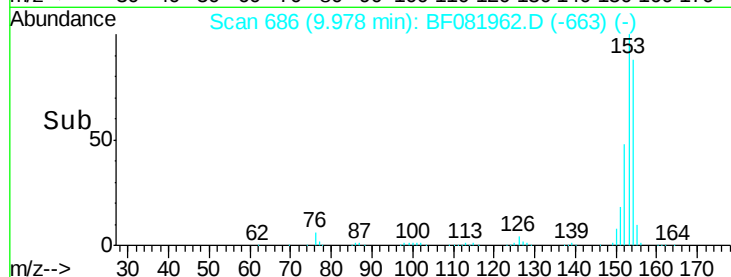
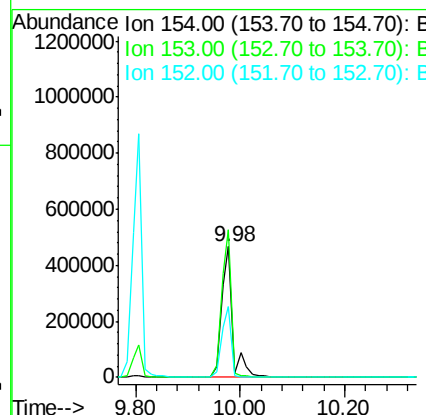
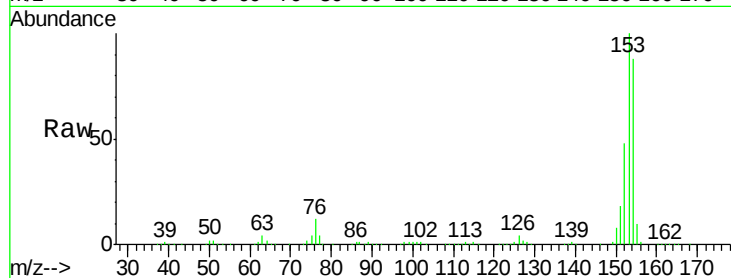




#51
Acenaphthene
Concen: 54.20 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

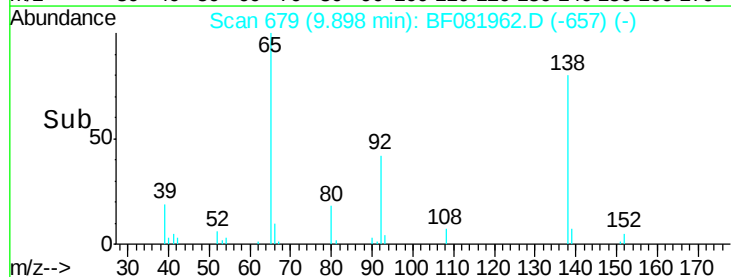
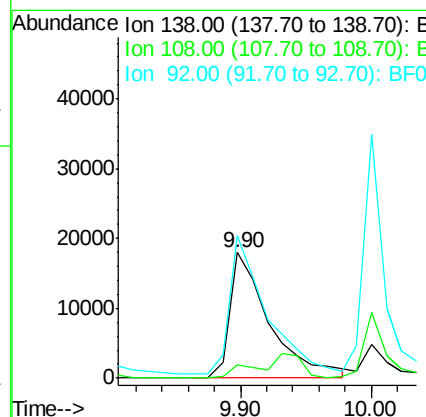
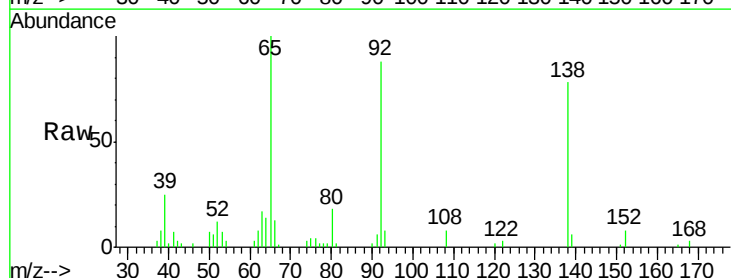
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion:154 Resp: 699258
Ion Ratio Lower Upper
154 100
153 113.4 82.1 123.1
152 54.4 37.9 56.9



#52
3-Nitroaniline
Concen: 9.85 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:138 Resp: 38273
Ion Ratio Lower Upper
138 100
108 10.3 5.7 8.5#
92 112.9 67.7 101.5#

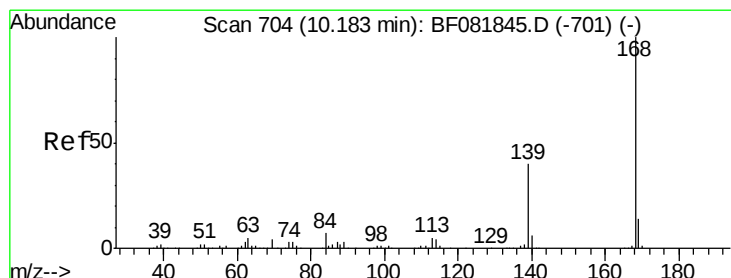
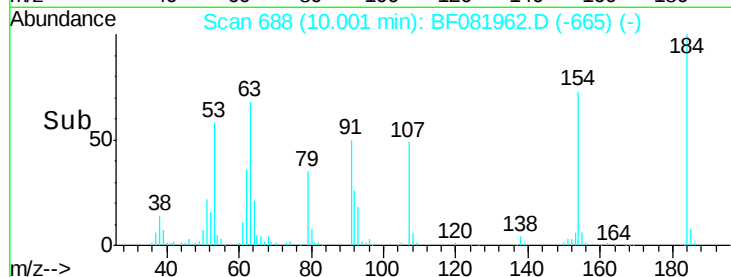
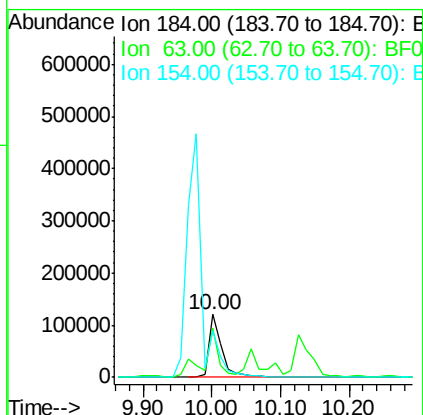
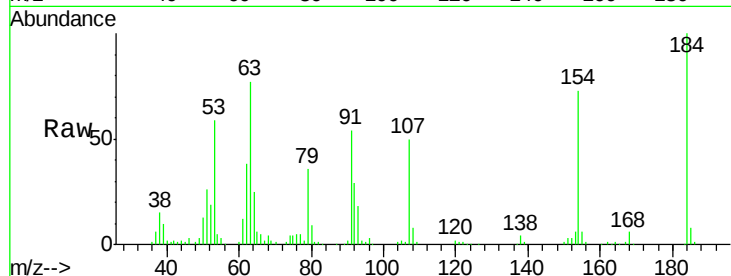




#53
 2,4-Dinitrophenol
 Concen: 90.57 ng
 RT: 10.00 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

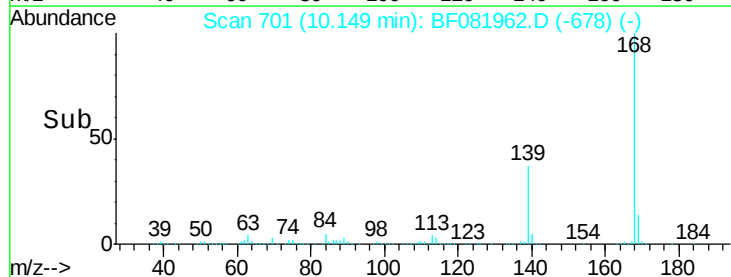
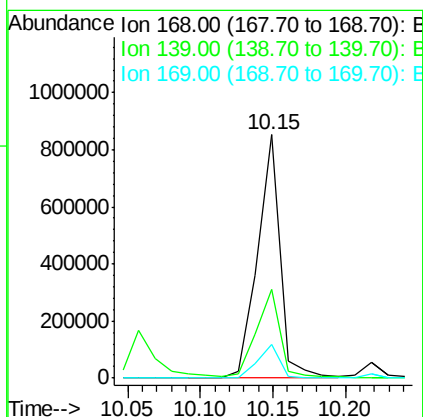
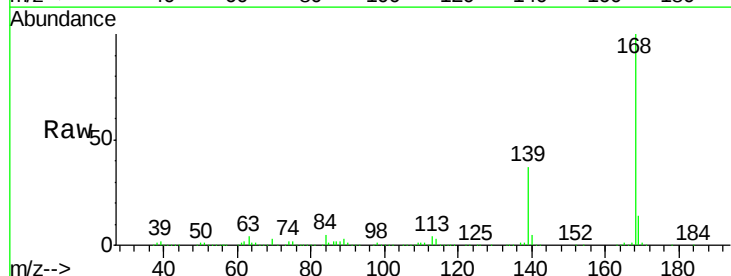
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

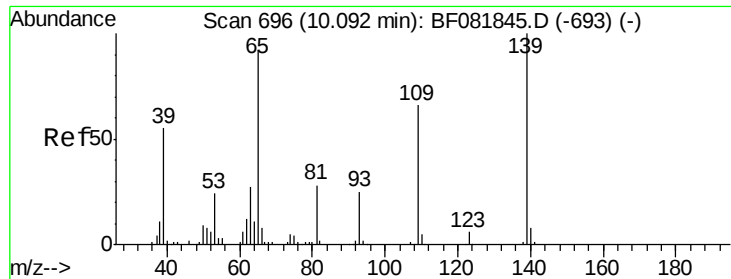
Tgt Ion:184 Resp: 161911
 Ion Ratio Lower Upper
 184 100
 63 77.4 35.4 53.2#
 154 73.2 32.2 48.4#



#54
 Dibenzofuran
 Concen: 50.36 ng
 RT: 10.15 min Scan# 701
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:168 Resp: 918091
 Ion Ratio Lower Upper
 168 100
 139 36.6 24.2 36.2#
 169 13.8 10.6 15.8

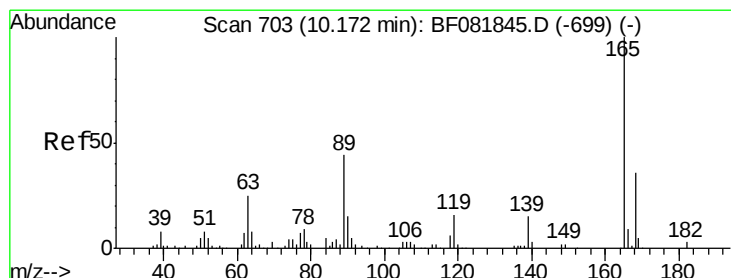
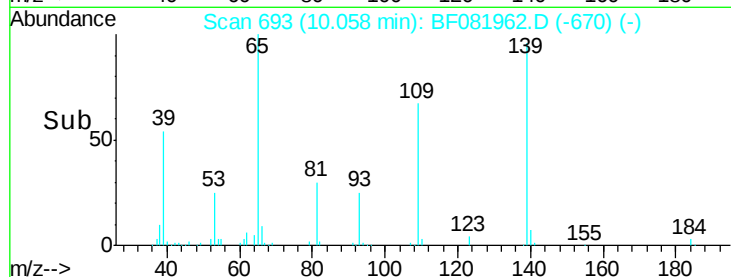
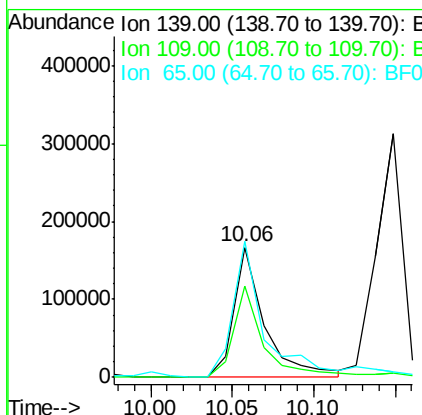
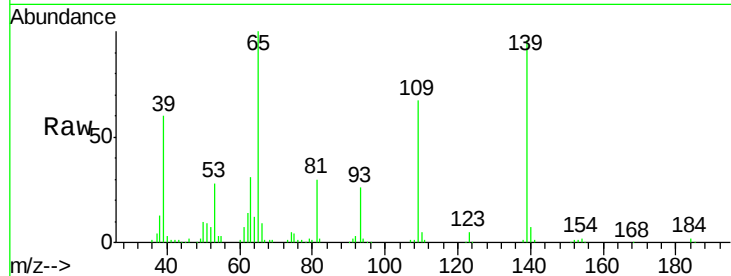




#55
4-Nitrophenol
Concen: 78.12 ng
RT: 10.06 min Scan# 693
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

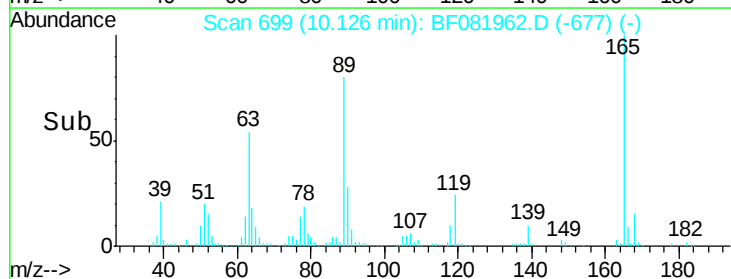
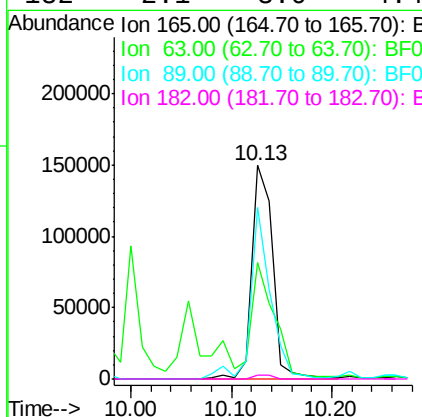
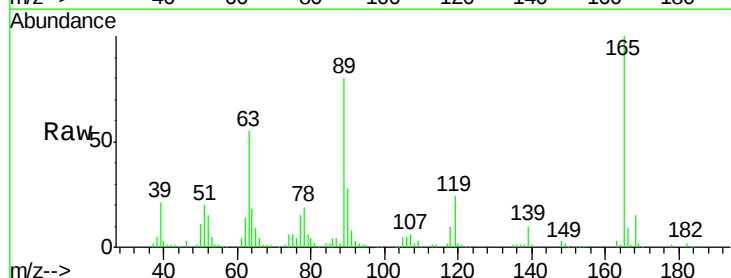
Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

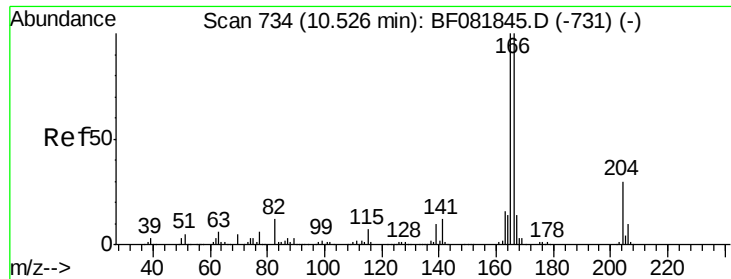
Tgt Ion:139 Resp: 219277
Ion Ratio Lower Upper
139 100
109 70.4 12.7 52.7#
65 104.6 45.9 85.9#



#56
2,4-Dinitrotoluene
Concen: 50.07 ng
RT: 10.13 min Scan# 699
Delta R.T. -0.05 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:165 Resp: 214355
Ion Ratio Lower Upper
165 100
63 54.8 29.8 44.6#
89 80.1 44.5 66.7#
182 2.1 3.0 4.4#

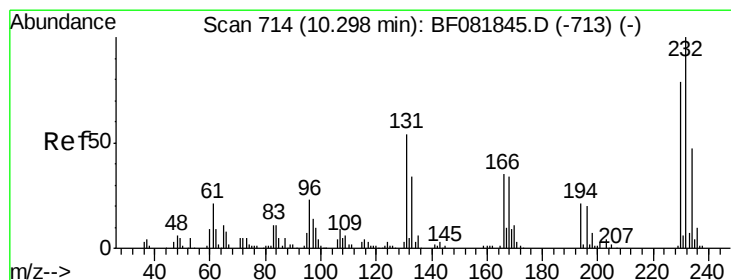
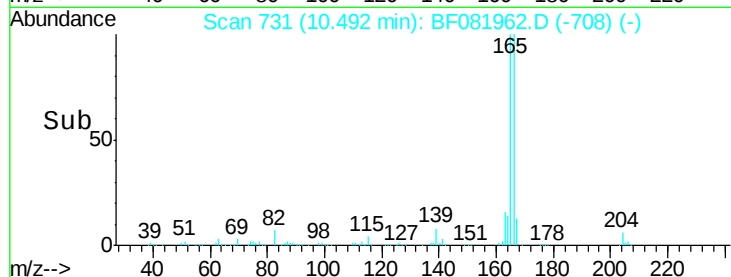
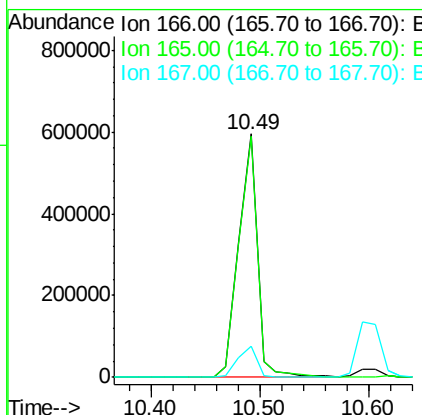
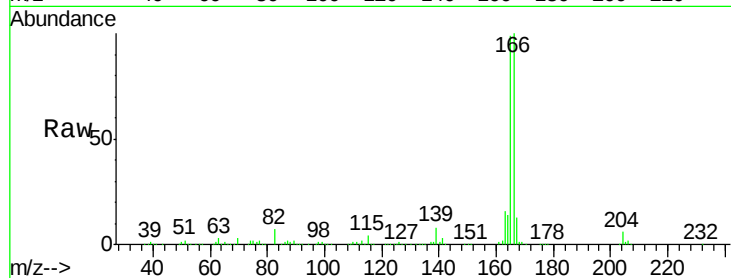




#57
 Fluorene
 Concen: 54.39 ng
 RT: 10.49 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

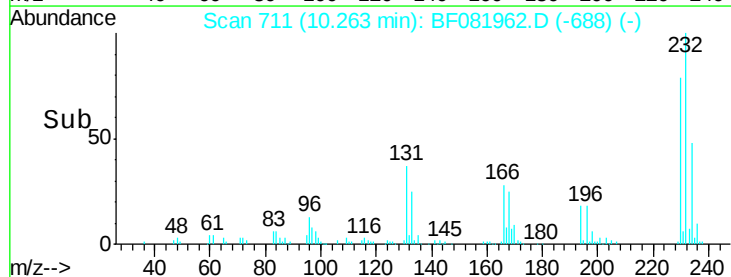
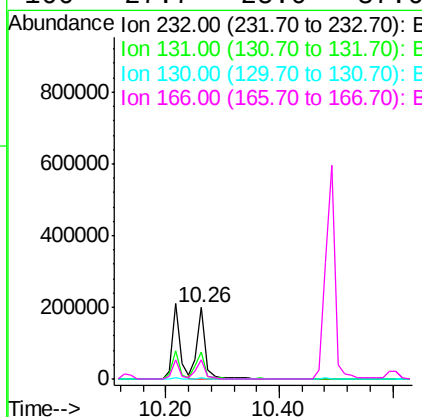
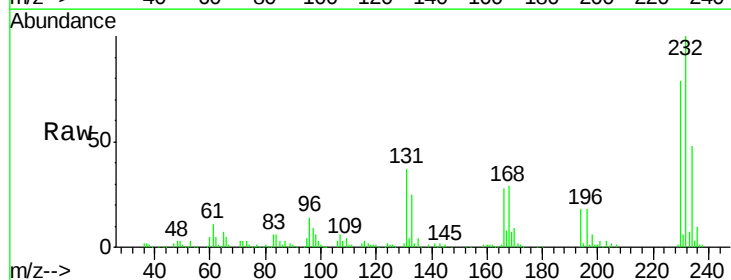
Instrument :
 BNA_F
 ClientSampleId :
 A1-COMPMSD

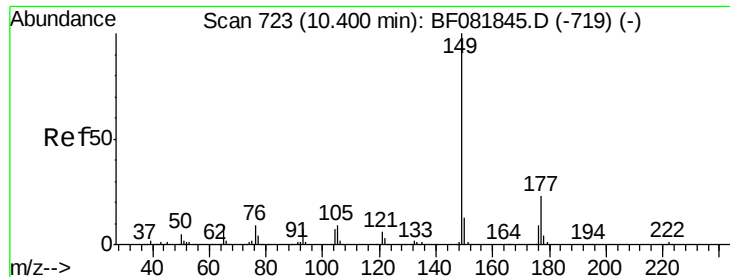
Tgt Ion:166 Resp: 703387
 Ion Ratio Lower Upper
 166 100
 165 98.8 72.6 109.0
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.81 ng
 RT: 10.26 min Scan# 711
 Delta R.T. -0.03 min
 Lab File: BF081962.D
 Acq: 2 Oct 2015 2:45

Tgt Ion:232 Resp: 210858
 Ion Ratio Lower Upper
 232 100
 131 42.0 38.5 57.7
 130 1.8 1.8 2.6
 166 27.7 25.0 37.6

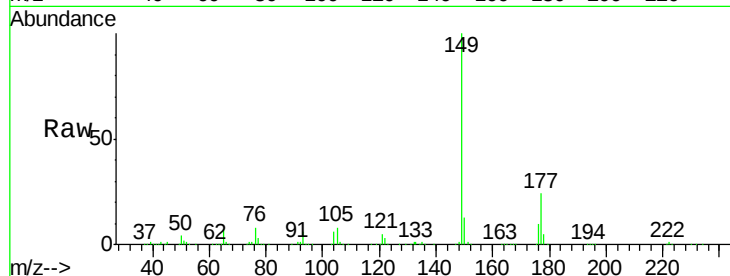




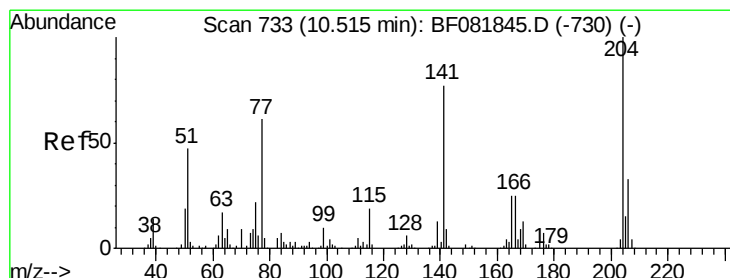
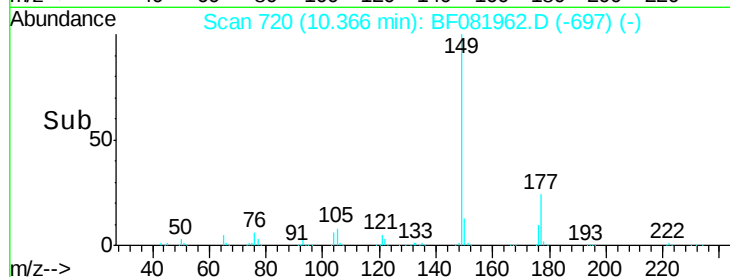
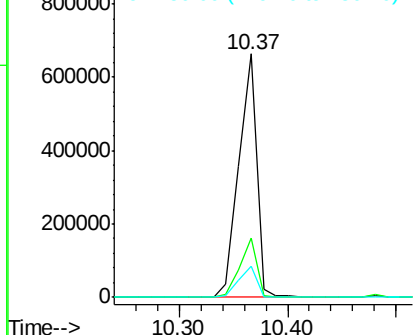
#59
Diethylphthalate
Concen: 51.95 ng
RT: 10.37 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion:149 Resp: 750485
Ion Ratio Lower Upper
149 100
177 24.2 17.5 26.3
150 12.7 9.4 14.2

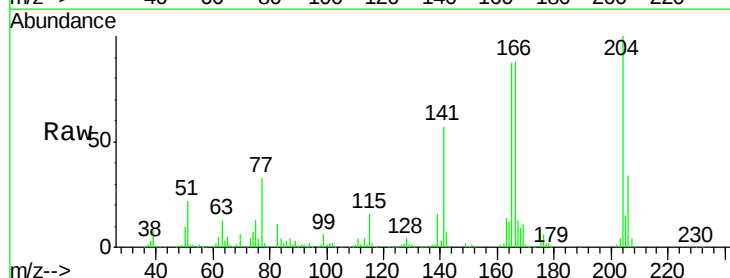


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

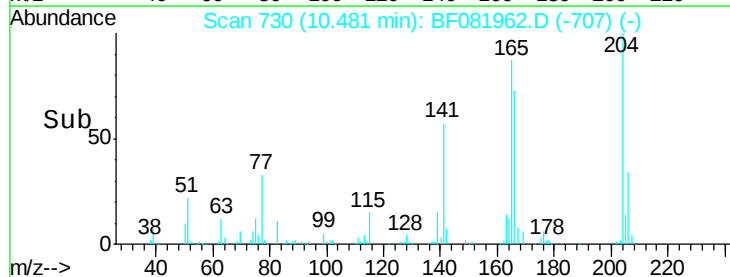
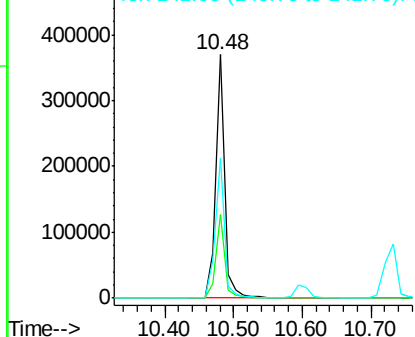


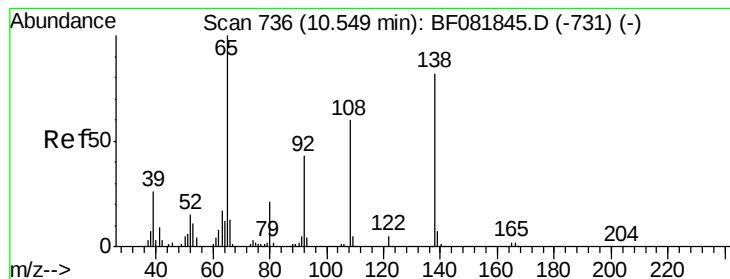
#60
4-Chlorophenyl-phenylether
Concen: 51.50 ng
RT: 10.48 min Scan# 730
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:204 Resp: 343763
Ion Ratio Lower Upper
204 100
206 34.2 24.8 37.2
141 57.4 42.2 63.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.60 ng

RT: 10.51 min Scan# 733

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Instrument :

BNA_F

ClientSampleId :

A1-COMPMSD

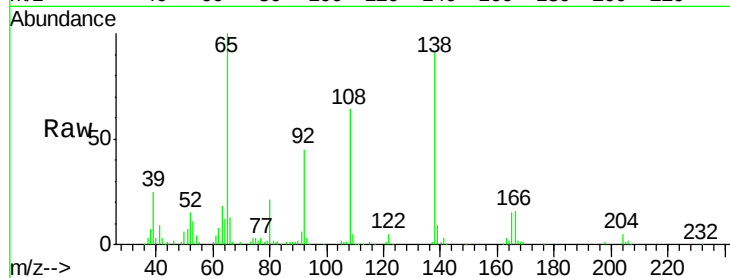
Tgt Ion:138 Resp: 142577

Ion Ratio Lower Upper

138 100

92 49.2 12.6 52.6

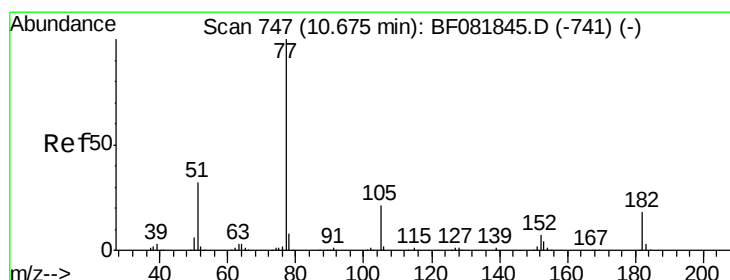
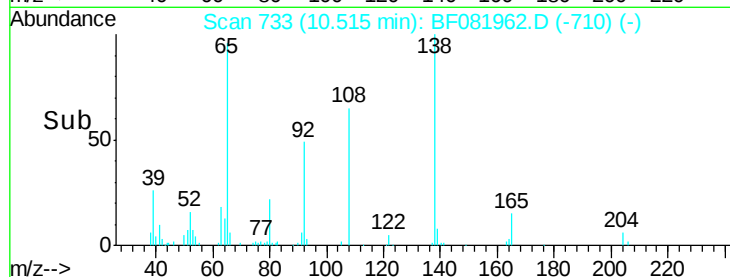
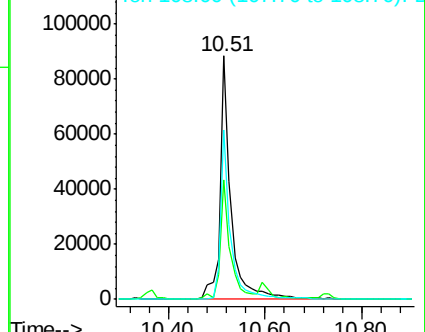
108 69.5 12.4 52.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.43 ng

RT: 10.64 min Scan# 744

Delta R.T. -0.03 min

Lab File: BF081962.D

Acq: 2 Oct 2015 2:45

Tgt Ion: 77 Resp: 725102

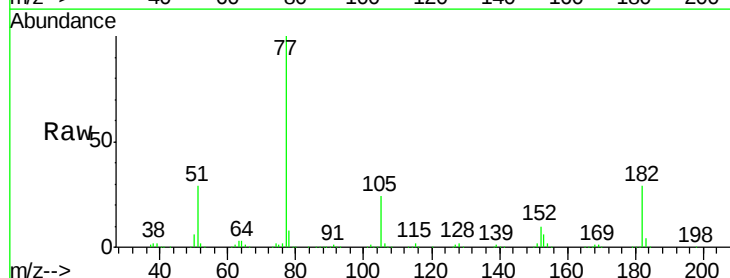
Ion Ratio Lower Upper

77 100

182 28.6 15.1 55.1

105 24.4 3.4 43.4

51 29.0 12.0 52.0

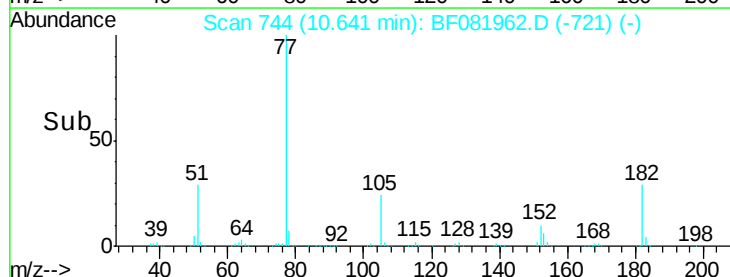
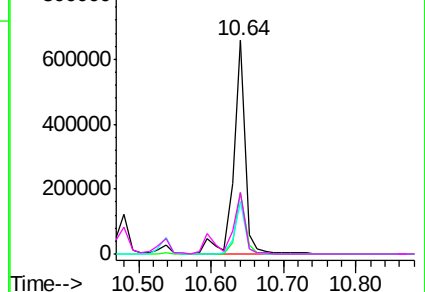


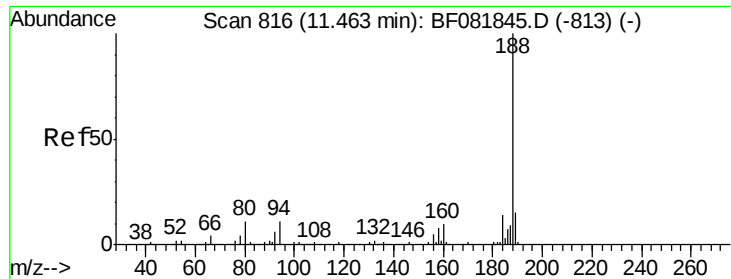
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

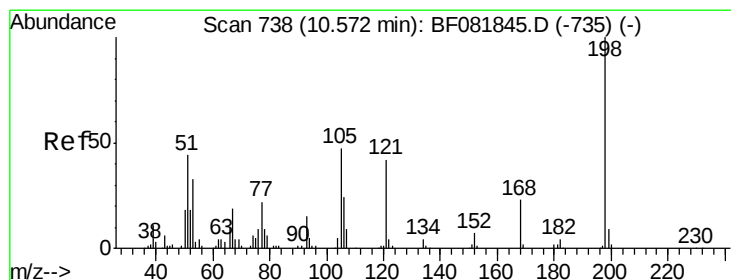
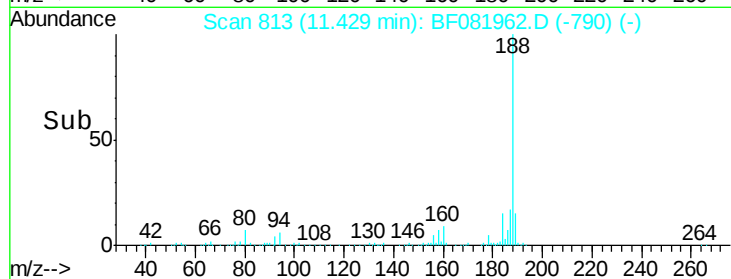
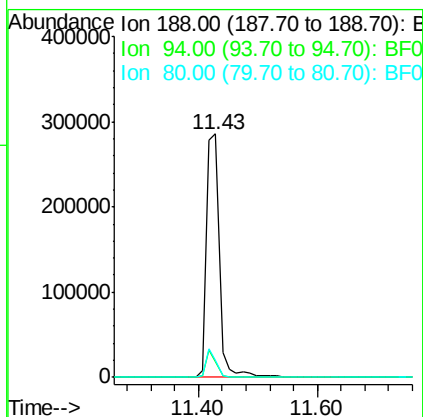
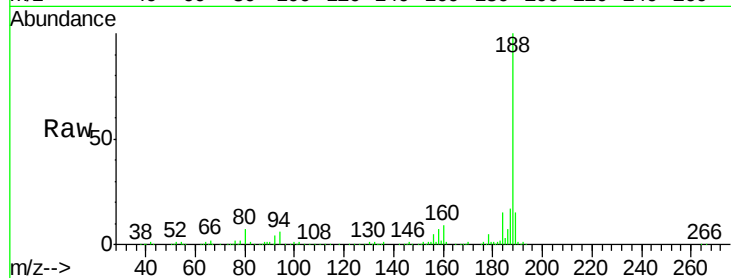




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Instrument :
BNA_F
ClientSampleId :
A1-COMPMSD

Tgt Ion:188 Resp: 439052
Ion Ratio Lower Upper
188 100
94 6.5 11.1 16.7#
80 6.8 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 57.29 ng
RT: 10.54 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF081962.D
Acq: 2 Oct 2015 2:45

Tgt Ion:198 Resp: 119340
Ion Ratio Lower Upper
198 100
51 37.1 39.6 79.6#
105 38.7 28.5 68.5

