

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090115\
 Data File : BF081306.D
 Acq On : 1 Sep 2015 16:15
 Operator : UM/IZ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 16:40:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 16:27:09 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	67614	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	262362	20.00	ng	0.01
38) Acenaphthene-d10	9.43	164	127508	20.00	ng	0.01
63) Phenanthrene-d10	10.89	188	244774	20.00	ng	0.01
75) Chrysene-d12	13.50	240	162905	20.00	ng	0.00
86) Perylene-d12	14.80	264	126189	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	4.94	112	525332	60.70	ng	0.01
7) Phenol-d6	6.07	99	664891	56.89	ng	0.01
23) Nitrobenzene-d5	6.98	82	659277	60.91	ng	0.01
41) 2,4,6-Tribromophenol	10.22	330	144666	65.48	ng	0.01
44) 2-Fluorobiphenyl	8.76	172	1091539	52.76	ng	0.00
78) Terphenyl-d14	12.48	244	981824	74.79	ng	0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.74	88	111080	56.56	ng	96
3) Pyridine	2.28	79	302603	58.87	ng	93
4) n-Nitrosodimethylamine	2.26	42	183206	62.20	ng	81
6) Aniline	6.06	93	461104	55.80	ng	# 64
8) 2-Chlorophenol	6.18	128	289587	60.74	ng	92
9) Benzaldehyde	5.93	77	201892	54.70	ng	# 76
10) Phenol	6.08	94	407945	60.85	ng	# 53
11) bis(2-Chloroethyl)ether	6.15	93	271259	54.97	ng	90
12) 1,3-Dichlorobenzene	6.33	146	310512	60.42	ng	# 91
13) 1,4-Dichlorobenzene	6.41	146	310007	58.86	ng	# 89
14) 1,2-Dichlorobenzene	6.57	146	258031	53.51	ng	98
15) Benzyl Alcohol	6.56	79	271324	56.91	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	6.70	45	538699	56.95	ng	# 27
17) 2-Methylphenol	6.70	107	234088	61.51	ng	# 72
18) Hexachloroethane	6.90	117	118314	57.34	ng	93
19) n-Nitroso-di-n-propylamine	6.84	70	236158	60.25	ng	# 84
20) 3+4-Methylphenols	6.86	107	309625	59.91	ng	86
22) Acetophenone	6.83	105	437110	61.97	ng	# 82
24) Nitrobenzene	6.99	77	293226	50.00	ng	# 61
25) Isophorone	7.24	82	633977	63.44	ng	# 84
26) 2-Nitrophenol	7.31	139	161646	68.40	ng	# 53
27) 2,4-Dimethylphenol	7.37	122	253238	59.92	ng	# 78
28) bis(2-Chloroethoxy)methane	7.46	93	346426	59.02	ng	# 92
29) 2,4-Dichlorophenol	7.56	162	220026	59.92	ng	98
30) 1,2,4-Trichlorobenzene	7.63	180	243057	61.45	ng	97
31) Naphthalene	7.70	128	782763	55.00	ng	97
32) Benzoic acid	7.56	122	186408	66.74	ng	# 64
33) 4-Chloroaniline	7.77	127	306388	51.57	ng	# 80
34) Hexachlorobutadiene	7.83	225	146291	59.77	ng	98
35) Caprolactam	8.18	113	53032	47.41	ng	# 31
36) 4-Chloro-3-methylphenol	8.27	107	230719	54.82	ng	# 72
37) 2-Methylnaphthalene	8.40	142	594820	67.43	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	215850	51.16	ng	99
40) Hexachlorocyclopentadiene	8.55	237	129530	68.23	ng	93

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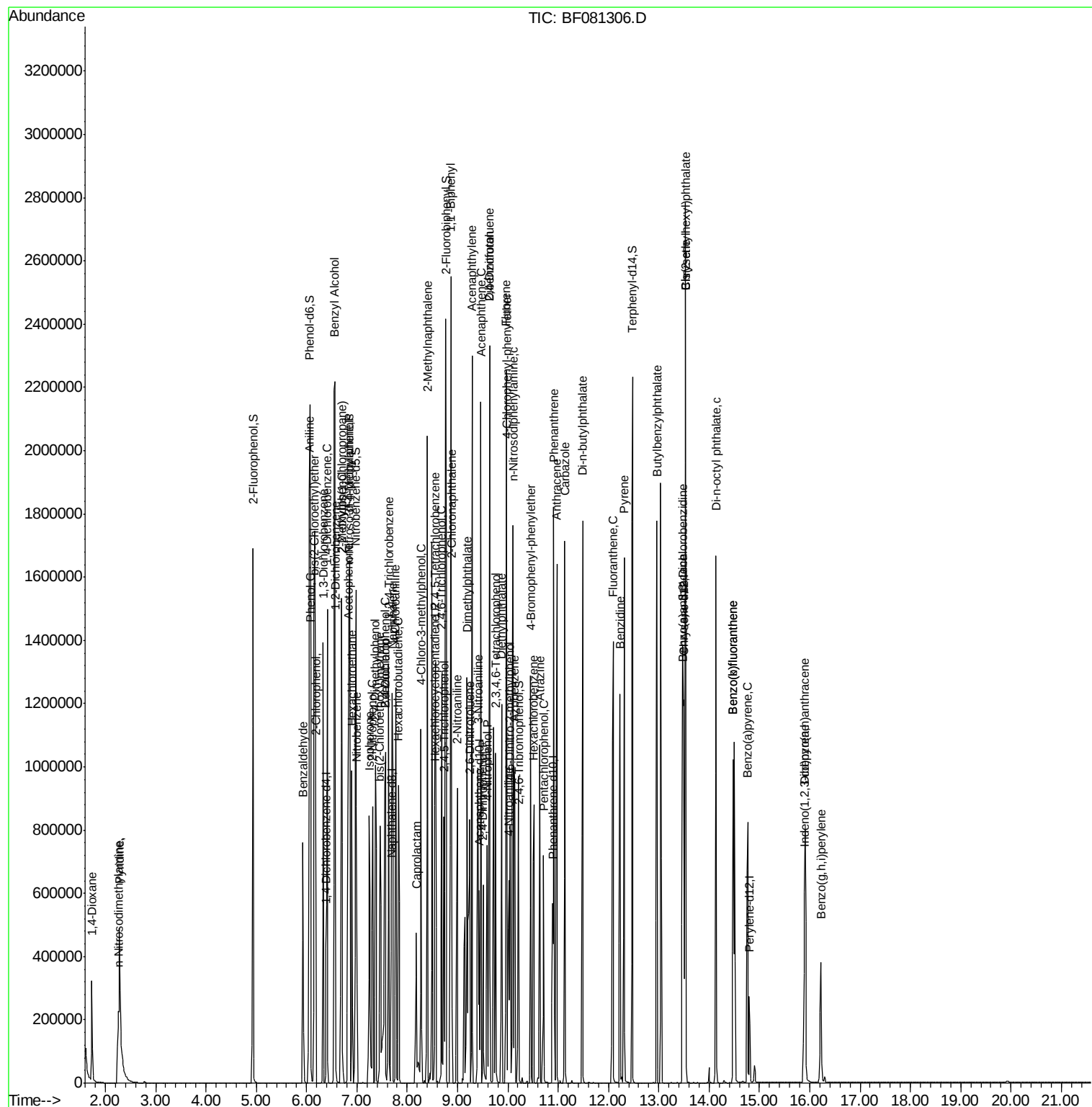
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.68	196	170313	61.52	nq	99
43) 2,4,5-Trichlorophenol	8.73	196	165133	57.79	nq	95
45) 1,1'-Biphenyl	8.87	154	708998	60.77	nq	95
46) 2-Chloronaphthalene	8.88	162	427074	47.60	nq	# 88
47) 2-Nitroaniline	8.99	65	213912	63.69	nq	# 73
48) Acenaphthylene	9.29	152	861540	56.43	nq	96
49) Dimethylphthalate	9.19	163	537633	52.16	nq	# 97
50) 2,6-Dinitrotoluene	9.24	165	137051	61.52	nq	# 79
51) Acenaphthene	9.46	154	478411	54.79	nq	90
52) 3-Nitroaniline	9.40	138	139452	52.80	nq	# 51
53) 2,4-Dinitrophenol	9.51	184	64559	74.65	nq	# 10
54) Dibenzofuran	9.63	168	709479	55.82	nq	# 88
55) 4-Nitrophenol	9.59	139	97145	61.39	nq	# 17
56) 2,4-Dinitrotoluene	9.63	165	157328	53.58	nq	# 4
57) Fluorene	9.96	166	513584	51.99	nq	96
58) 2,3,4,6-Tetrachlorophenol	9.76	232	137778	65.55	nq	95
59) Diethylphthalate	9.87	149	565800	51.61	nq	94
60) 4-Chlorophenyl-phenylether	9.98	204	272443	58.01	nq	98
61) 4-Nitroaniline	10.02	138	141828	53.40	nq	# 26
62) Azobenzene	10.12	77	646923	53.79	nq	# 81
64) 4,6-Dinitro-2-methylphenol	10.04	198	87432	66.29	nq	84
65) n-Nitrosodiphenylamine	10.10	169	537352	60.30	nq	92
66) 4-Bromophenyl-phenylether	10.46	248	153624	62.71	nq	95
67) Hexachlorobenzene	10.51	284	161259	62.58	nq	# 79
68) Atrazine	10.64	200	159372	62.26	nq	84
69) Pentachlorophenol	10.71	266	75425	86.10	nq	99
70) Phenanthrene	10.91	178	668777	46.05	nq	96
71) Anthracene	10.97	178	819079	58.05	nq	97
72) Carbazole	11.13	167	705598	52.12	nq	95
73) Di-n-butylphthalate	11.48	149	1005995	66.15	nq	# 98
74) Fluoranthene	12.09	202	842772	56.68	nq	85
76) Benzidine	12.23	184	461528	68.17	nq	94
77) Pyrene	12.31	202	693439	56.97	nq	97
79) Butylbenzylphthalate	12.96	149	389195	80.74	nq	# 78
80) Benzo(a)anthracene	13.49	228	639612	62.75	nq	96
81) 3,3'-Dichlorobenzidine	13.47	252	240787	72.96	nq	# 93
82) Chrysene	13.53	228	598735	66.89	nq	95
83) Bis(2-ethylhexyl)phthalate	13.53	149	541854	84.80	nq	# 94
84) Di-n-octyl phthalate	14.14	149	915484	87.94	nq	100
85) Indeno(1,2,3-cd)pyrene	15.90	276	419545	62.95	nq	# 86
87) Benzo(b)fluoranthene	14.48	252	931932	100.61	nq	# 87
88) Benzo(k)fluoranthene	14.48	252	931932	122.15	nq	# 88
89) Benzo(a)pyrene	14.77	252	465191	61.39	nq	# 82
90) Dibenzo(a,h)anthracene	15.91	278	353432	60.69	nq	# 83
91) Benzo(g,h,i)perylene	16.23	276	332626	59.63	nq	# 72

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

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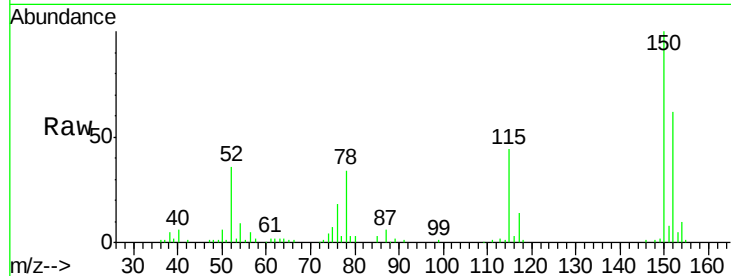


#1

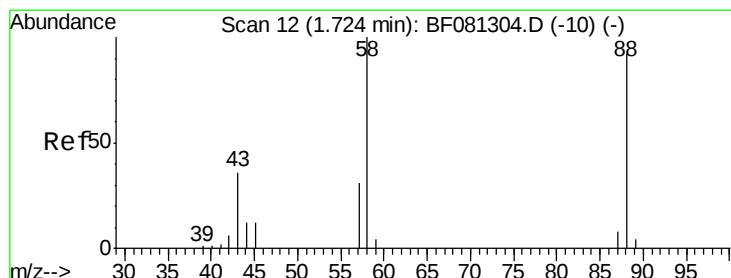
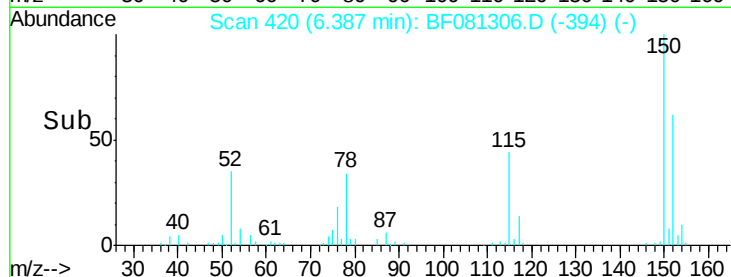
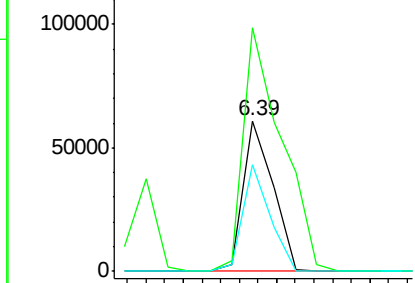
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 67614
Ion Ratio Lower Upper
152 100
150 161.5 124.7 187.1
115 70.5 39.0 58.4#



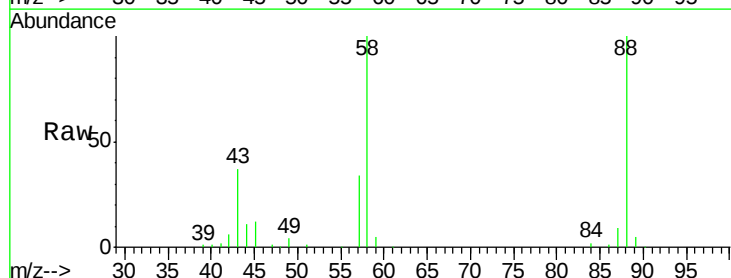
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



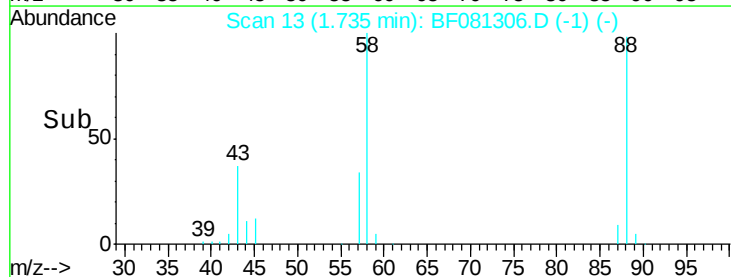
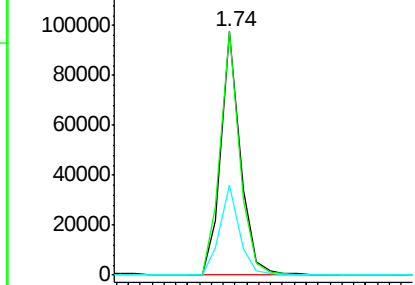
#2

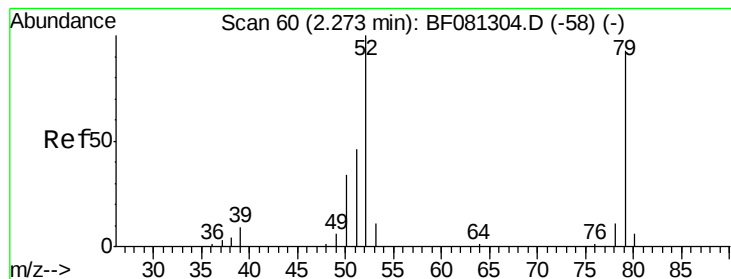
1,4-Dioxane
Concen: 56.56 ng
RT: 1.74 min Scan# 13
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion: 88 Resp: 111080
Ion Ratio Lower Upper
88 100
58 100.6 77.7 116.5
43 36.9 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

Pvridine

Concen: 58.87 ng

RT: 2.28 min Scan# 61

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

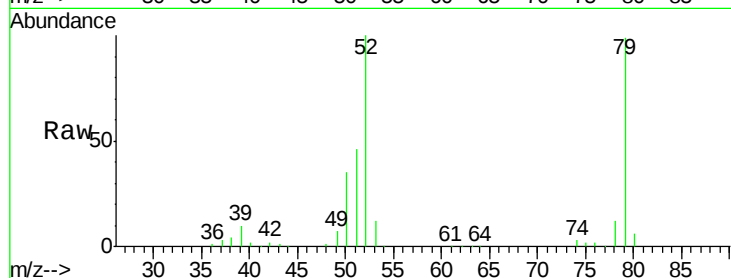
Tot Ion: 79 Resp: 302603

Ion Ratio Lower Upper

79 100

52 101.4 76.8 115.2

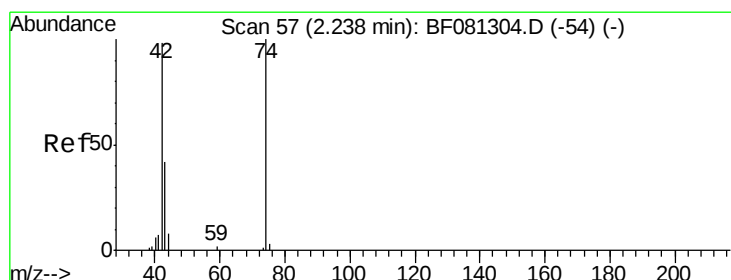
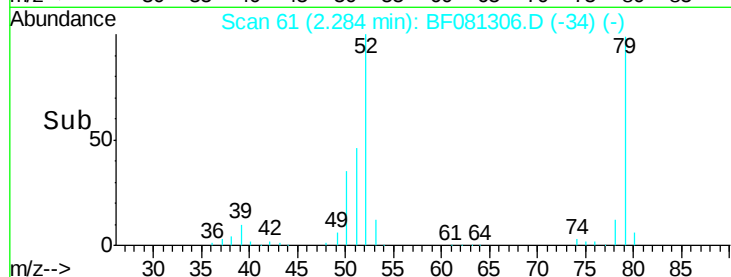
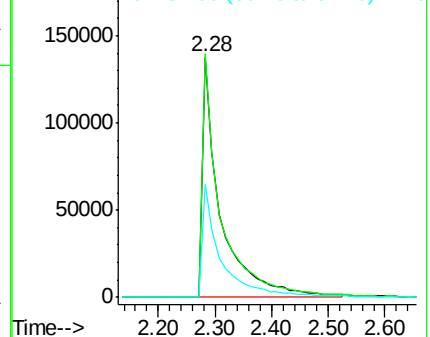
51 47.0 32.2 48.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 62.20 ng

RT: 2.26 min Scan# 59

Delta R.T. 0.02 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

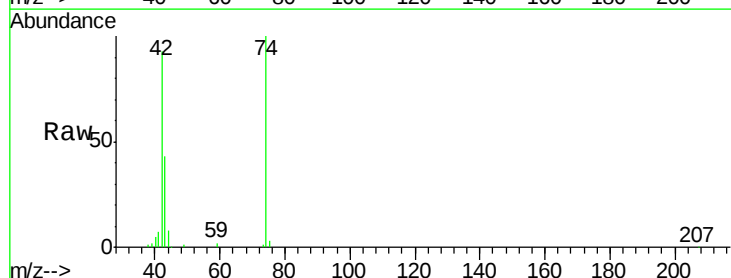
Tgt Ion: 42 Resp: 183206

Ion Ratio Lower Upper

42 100

74 107.7 105.0 157.6

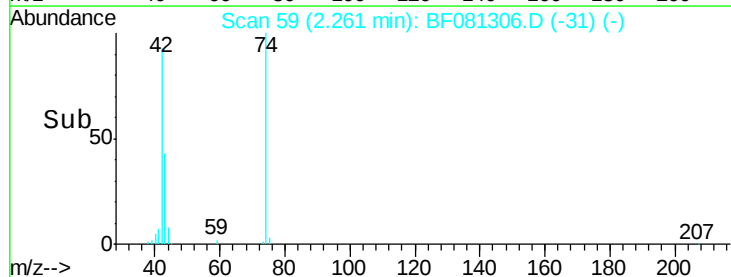
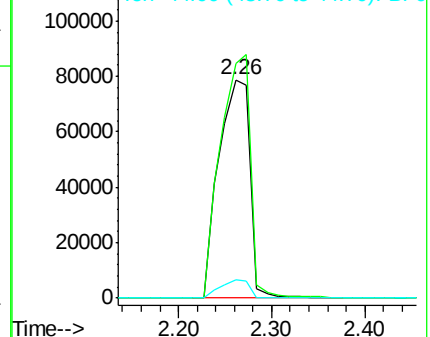
44 8.2 6.6 10.0



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 60.70 ng

RT: 4.94 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampled :

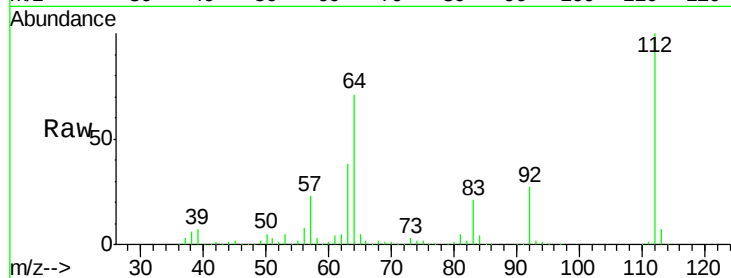
Tot Ion:112 Resp: 525332

Ion Ratio Lower Upper

112 100

64 70.8 39.7 59.5#

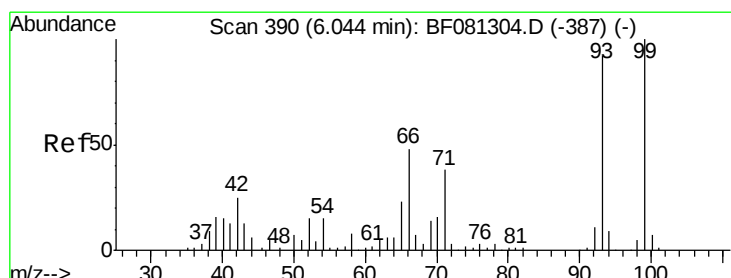
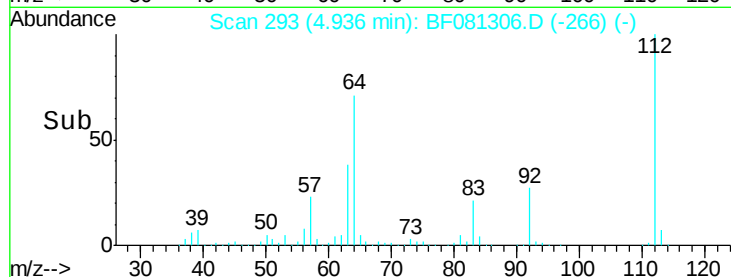
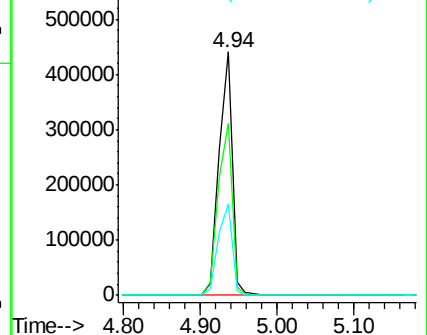
63 37.5 17.4 26.0#



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



#6

Aniline

Concen: 55.80 ng

RT: 6.06 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

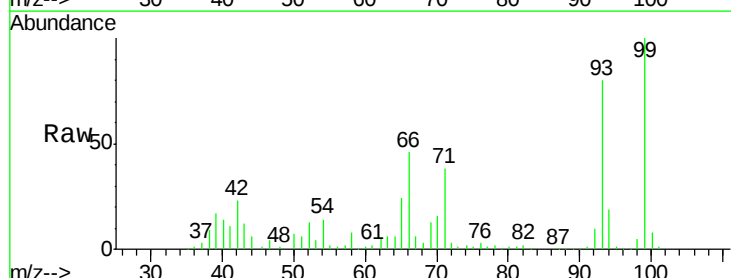
Tgt Ion: 93 Resp: 461104

Ion Ratio Lower Upper

93 100

66 57.7 27.2 40.8#

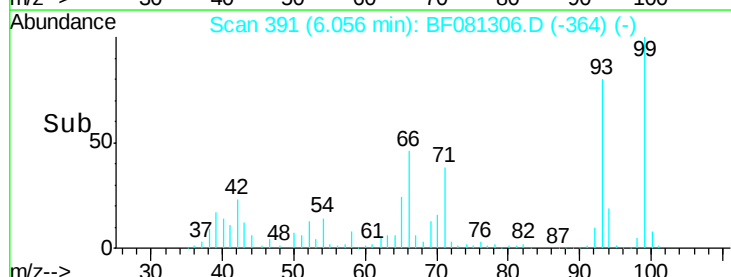
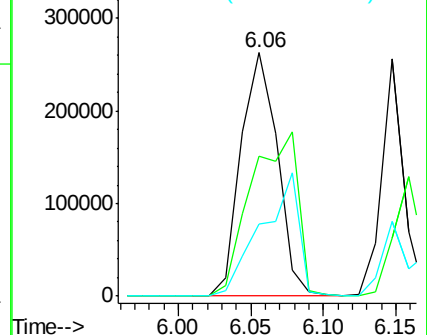
65 29.5 14.7 22.1#



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





#7

Phenol-d6

Concen: 56.89 ng

RT: 6.07 min Scan# 392

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

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ClientSampleId :

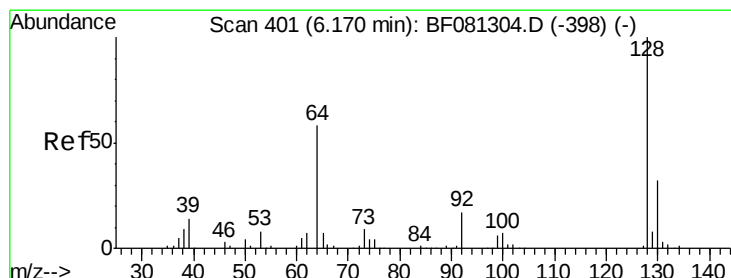
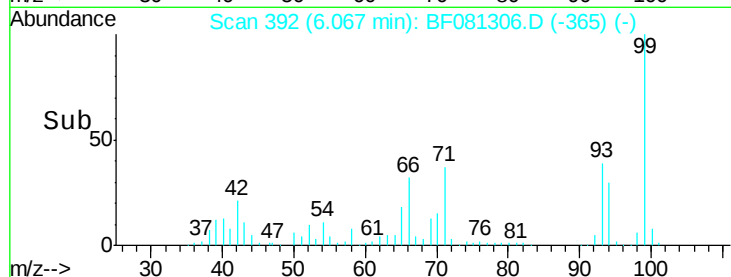
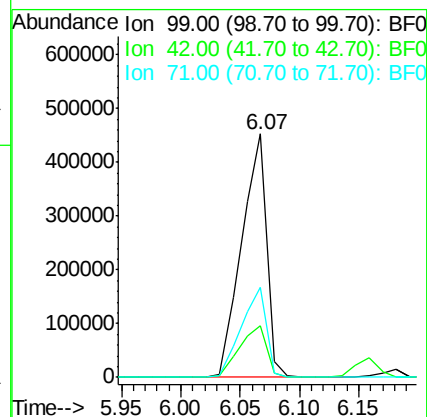
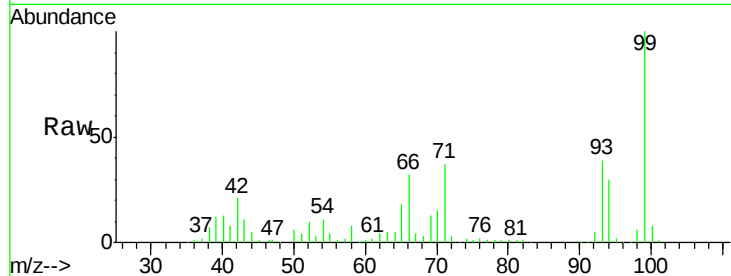
Tot Ion: 99 Resp: 664891

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

71 37.1 14.2 21.2#



#8

2-Chlorophenol

Concen: 60.74 ng

RT: 6.18 min Scan# 402

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

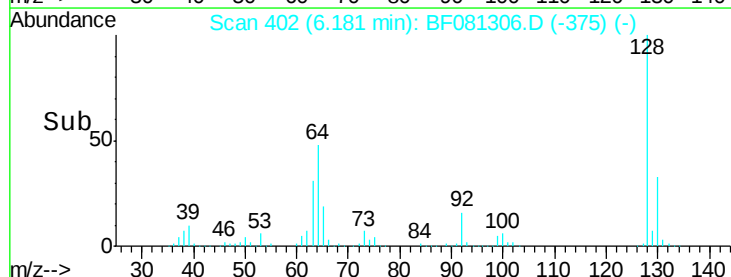
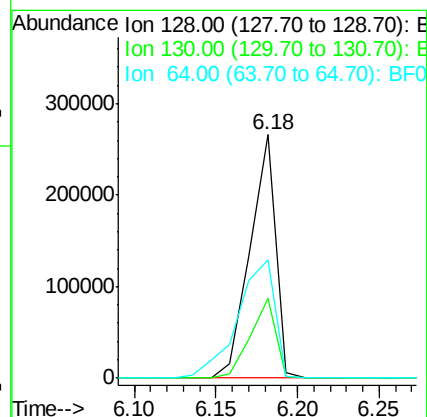
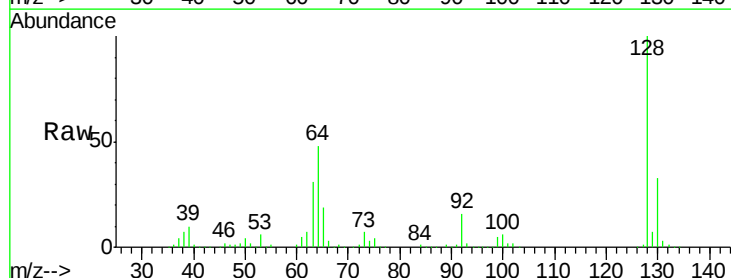
Tgt Ion: 128 Resp: 289587

Ion Ratio Lower Upper

128 100

130 32.7 12.2 52.2

64 48.5 20.5 60.5





#9

Benzaldehyde

Concen: 54.70 ng

RT: 5.93 min Scan# 380

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampled :

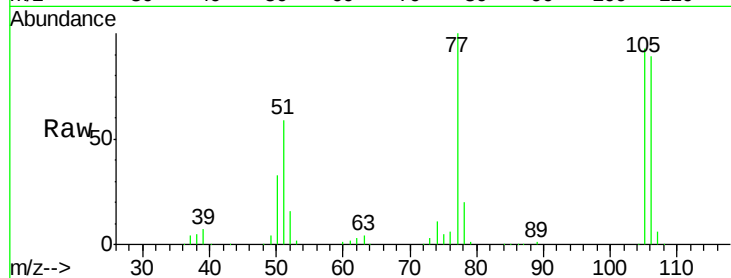
Tot Ion: 77 Resp: 201892

Ion Ratio Lower Upper

77 100

105 93.4 91.6 131.6

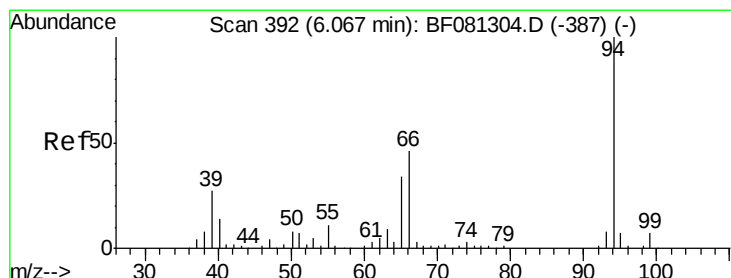
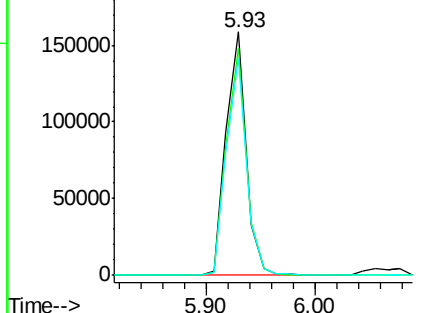
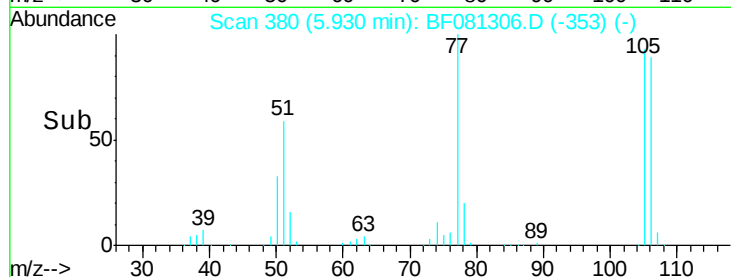
106 89.3 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 60.85 ng

RT: 6.08 min Scan# 393

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

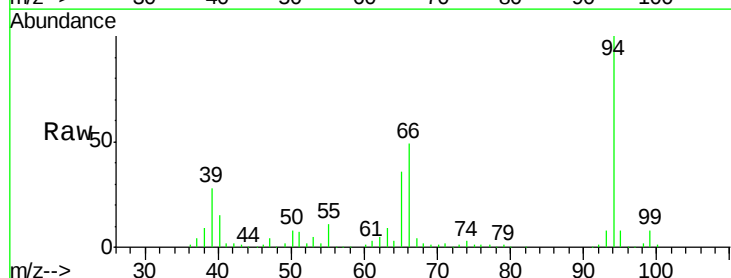
Tgt Ion: 94 Resp: 407945

Ion Ratio Lower Upper

94 100

65 36.4 0.7 40.7

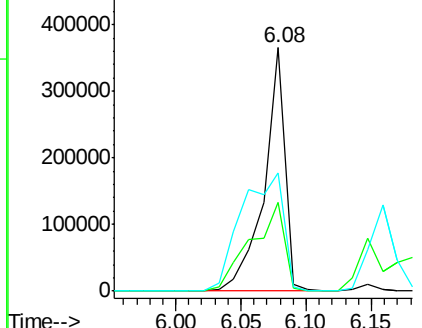
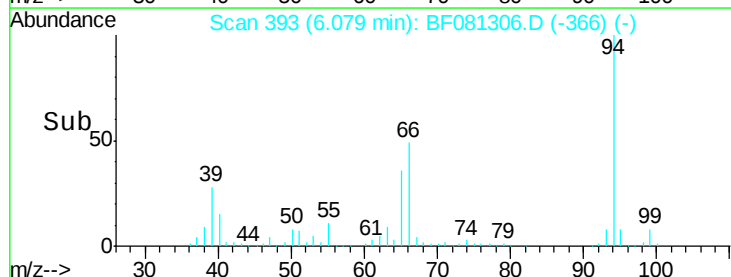
66 48.7 0.8 40.8#

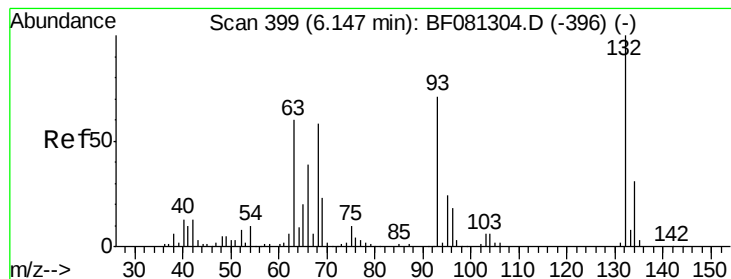


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

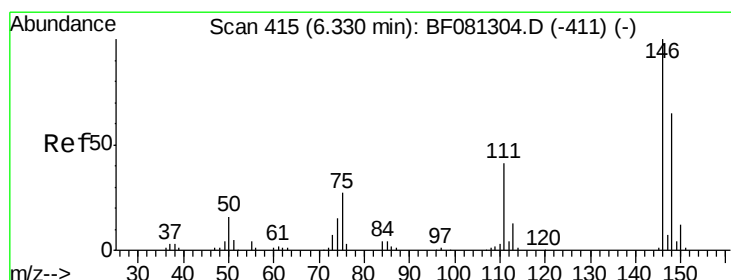
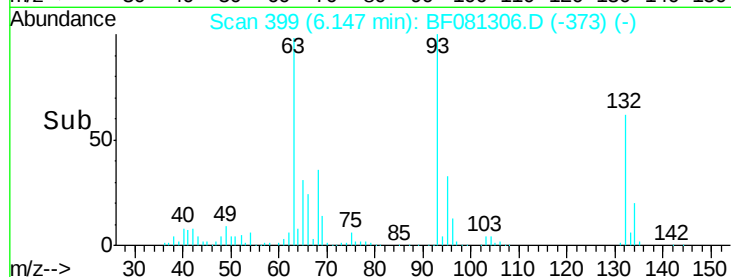
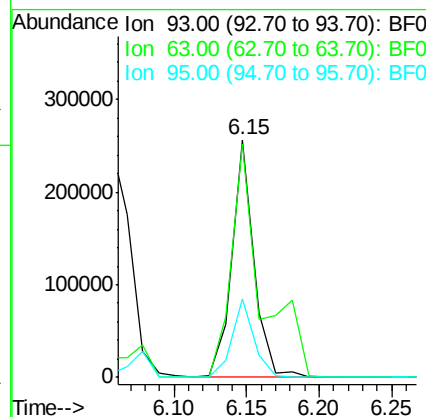
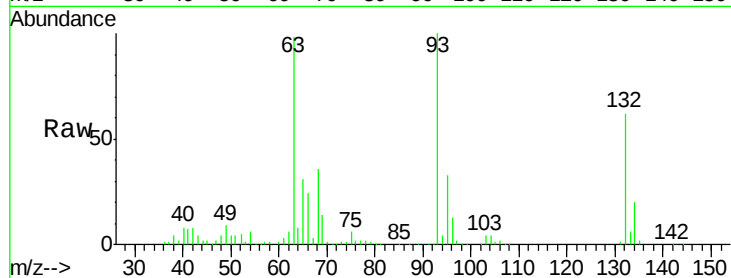




#11
bis(2-Chloroethyl)ether
Concen: 54.97 ng
RT: 6.15 min Scan# 399
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

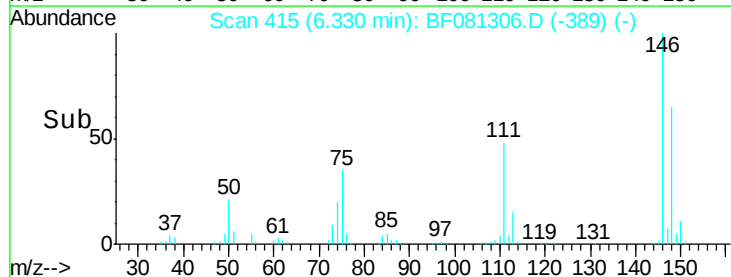
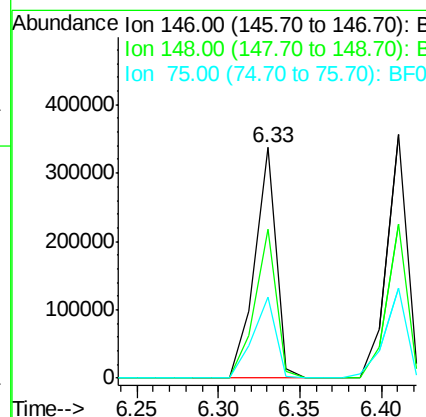
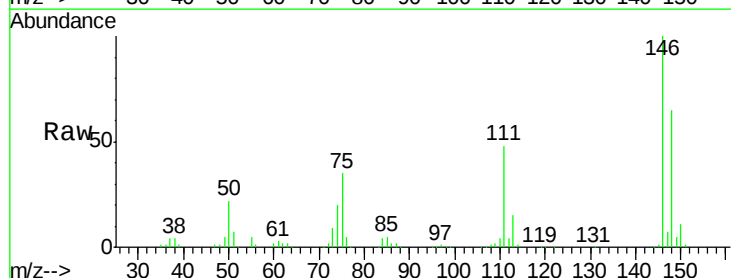
Instrument :
BNA_F
ClientSampleId :

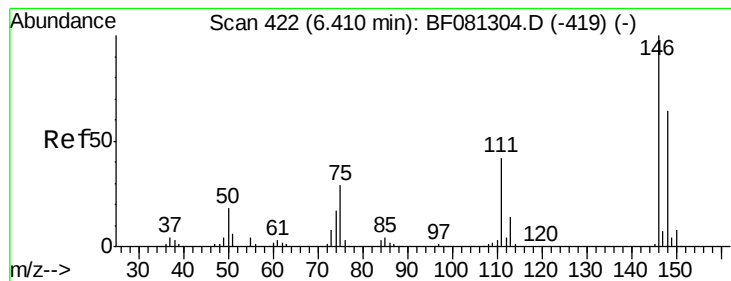
Tot Ion: 93 Resp: 271259
Ion Ratio Lower Upper
93 100
63 98.1 65.6 105.6
95 33.1 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 60.42 ng
RT: 6.33 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion: 146 Resp: 310512
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.4
75 35.2 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 58.86 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

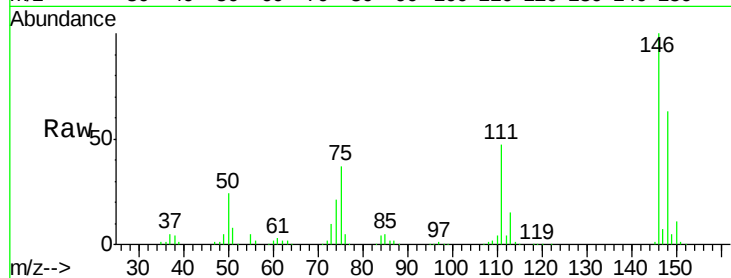
Tot Ion:146 Resp: 310007

Ion Ratio Lower Upper

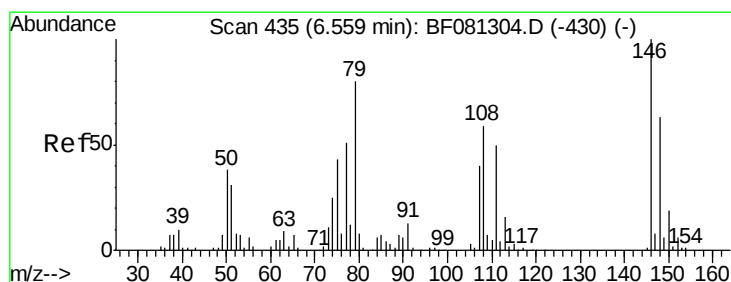
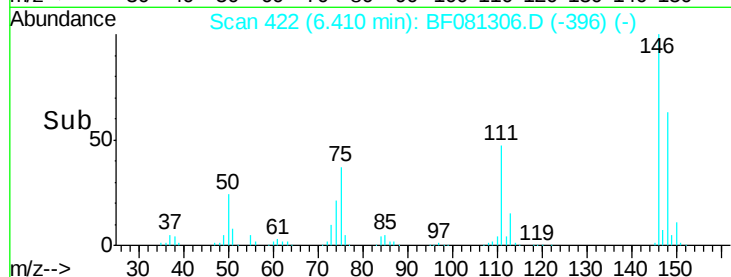
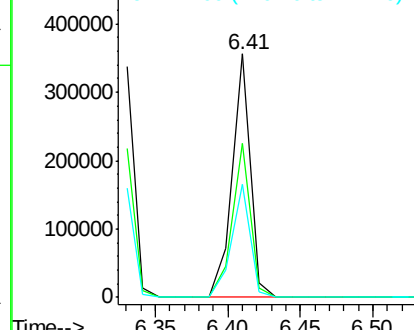
146 100

148 63.0 51.8 77.6

111 46.5 24.9 37.3#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 53.51 ng

RT: 6.57 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

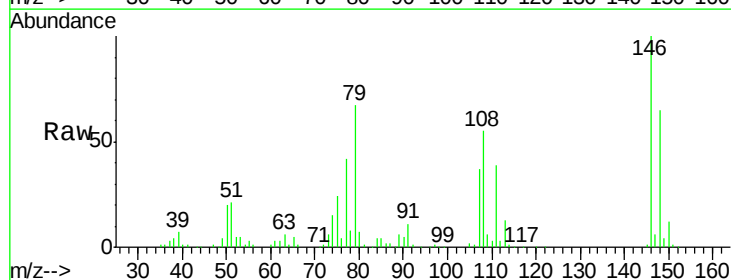
Tgt Ion:146 Resp: 258031

Ion Ratio Lower Upper

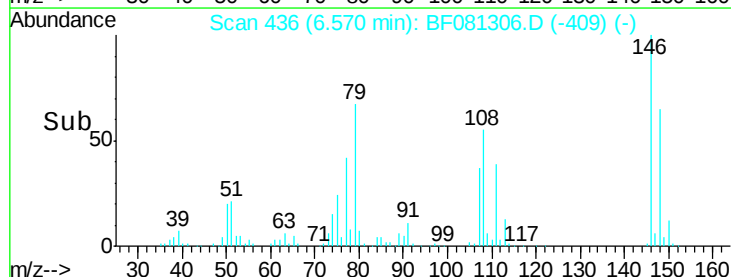
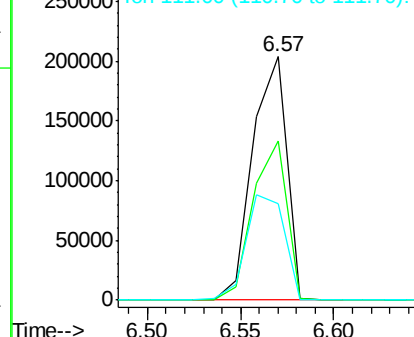
146 100

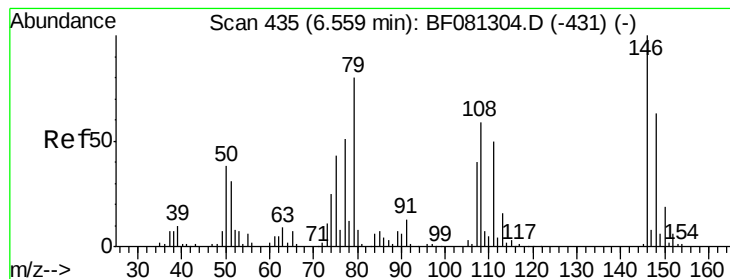
148 65.4 52.7 79.1

111 39.5 28.8 43.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 56.91 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampled :

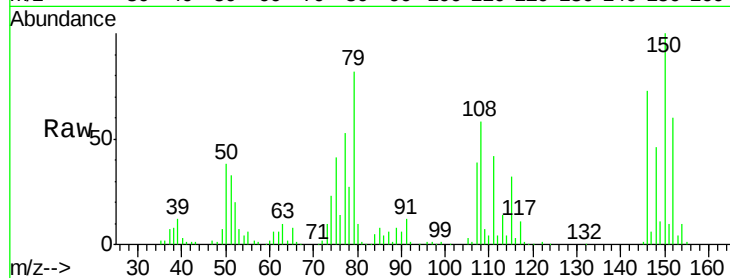
Tot Ion: 79 Resp: 271324

Ion Ratio Lower Upper

79 100

108 70.5 88.6 132.8#

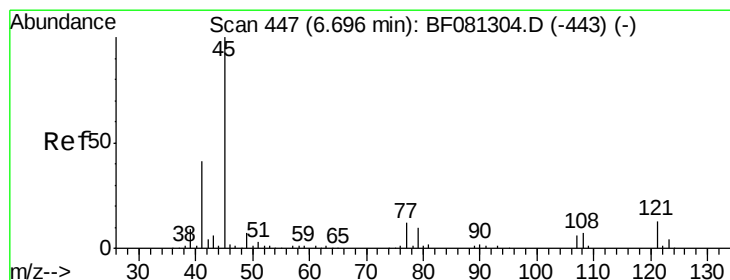
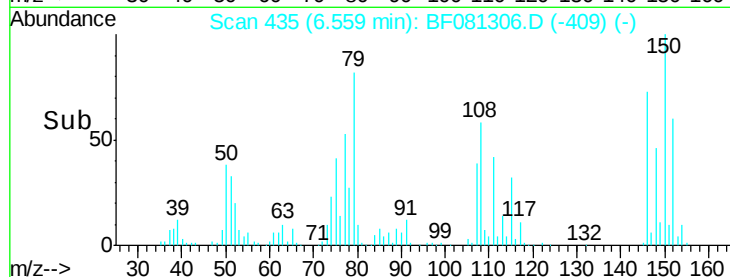
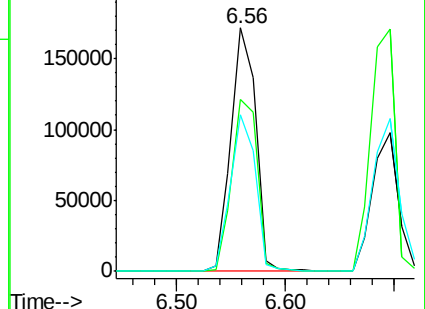
77 64.4 47.0 70.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 56.95 ng

RT: 6.70 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

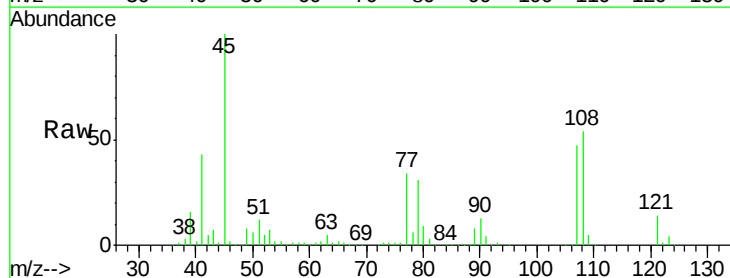
Tgt Ion: 45 Resp: 538699

Ion Ratio Lower Upper

45 100

77 33.8 0.0 28.1#

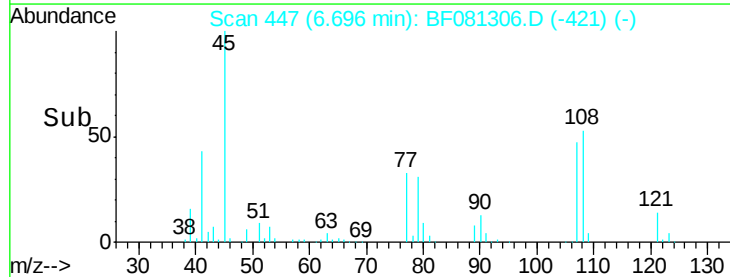
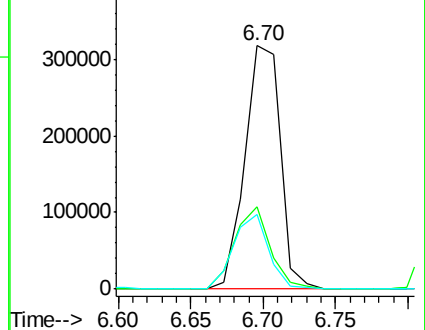
79 30.7 0.0 26.0#

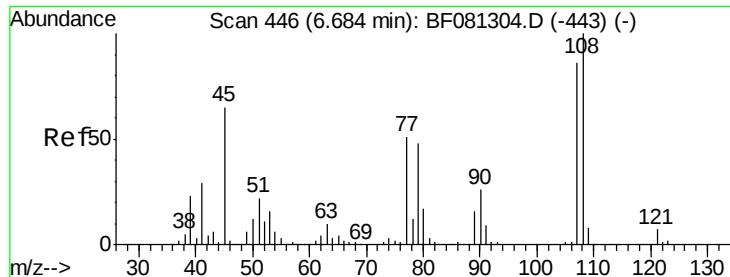


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

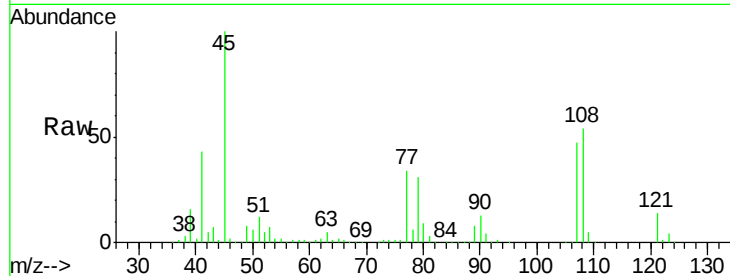




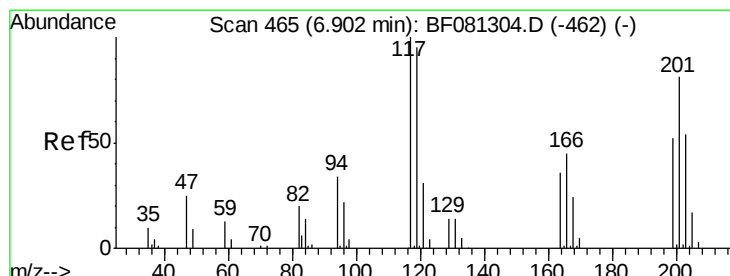
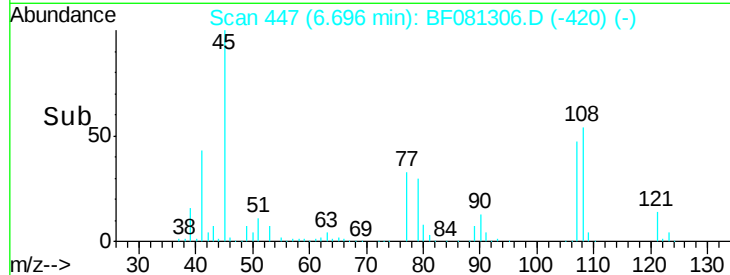
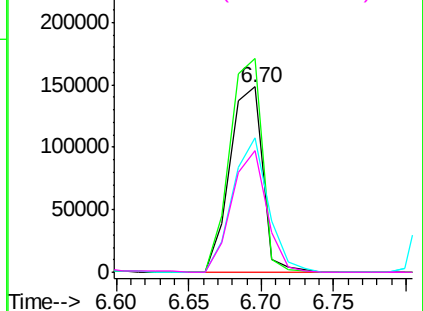
#17
2-Methylphenol
Concen: 61.51 ng
RT: 6.70 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 234088
Ion Ratio Lower Upper
107 100
108 115.3 96.6 145.0
77 72.4 23.3 34.9#
79 65.9 22.0 33.0#

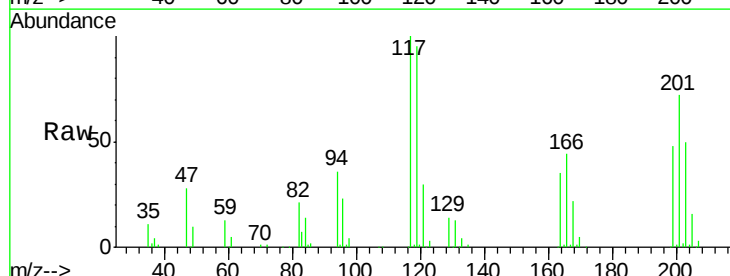


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

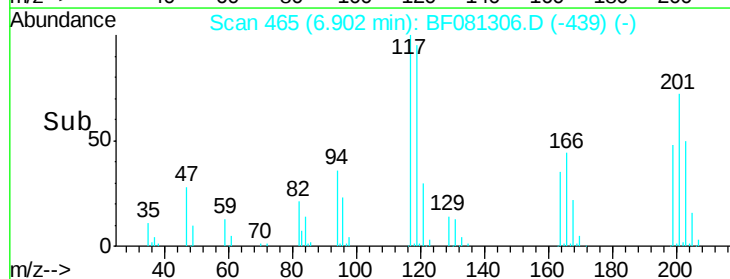
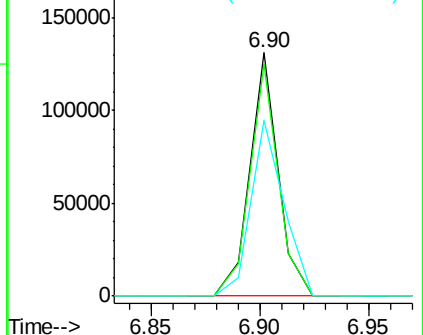


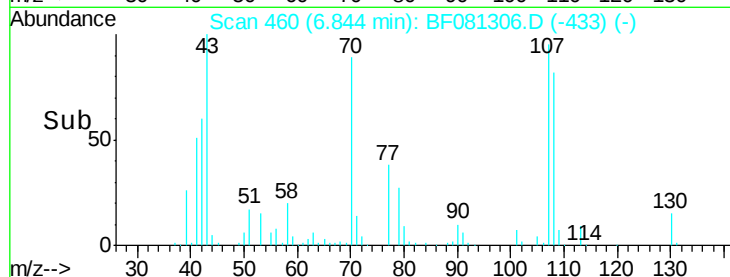
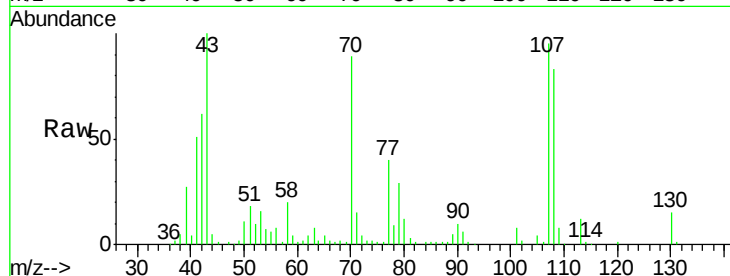
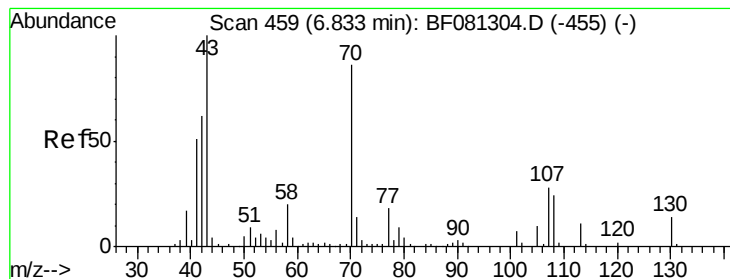
#18
Hexachloroethane
Concen: 57.34 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:117 Resp: 118314
Ion Ratio Lower Upper
117 100
119 95.4 83.8 125.6
201 72.4 55.1 82.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 60.25 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 236158

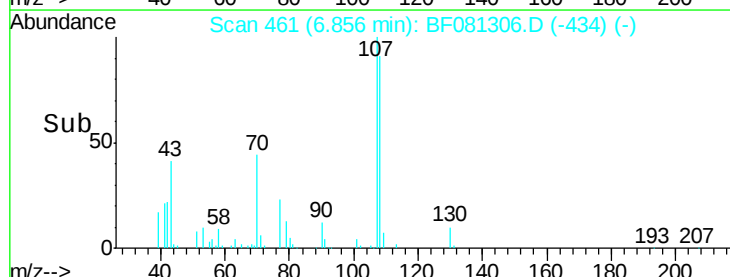
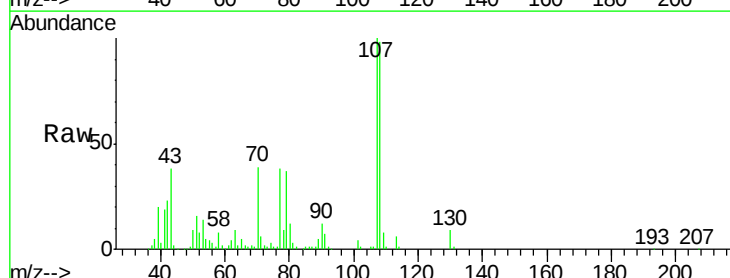
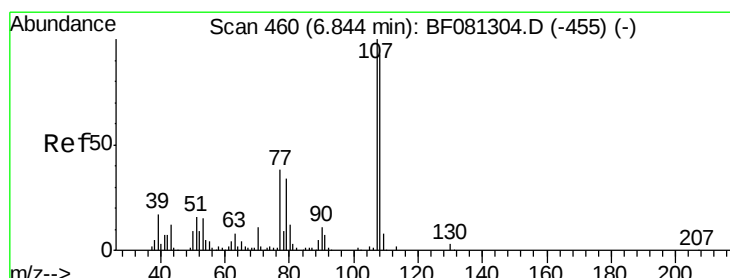
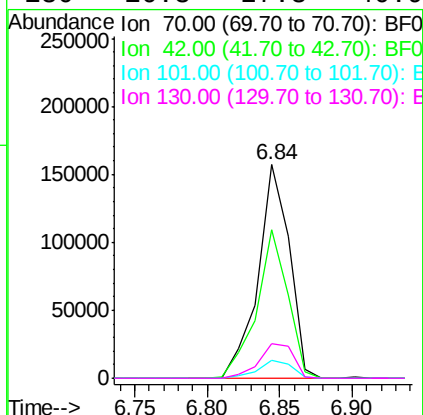
Ion Ratio Lower Upper

70 100

42 69.6 63.8 95.6

101 8.7 9.2 13.8#

130 16.3 27.3 40.9#



#20

3+4-Methylphenols

Concen: 59.91 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Tgt Ion: 107 Resp: 309625

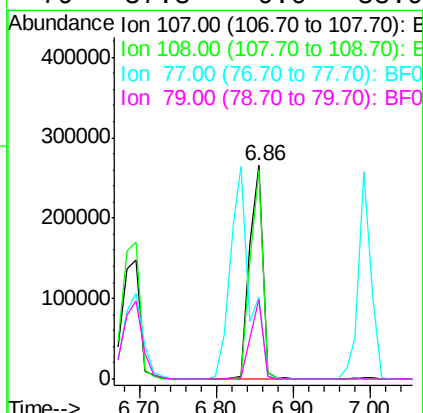
Ion Ratio Lower Upper

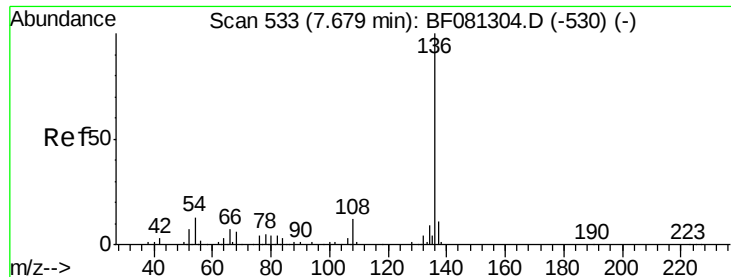
107 100

108 98.0 74.6 114.6

77 38.3 0.7 40.7

79 37.3 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.69 min Scan# 534

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 262362

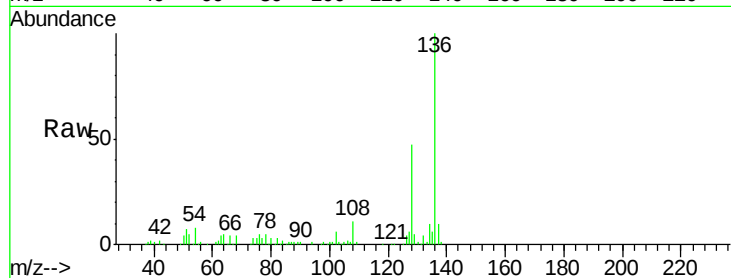
Ion Ratio Lower Upper

136 100

137 10.3 9.0 13.6

54 7.8 8.2 12.2#

68 3.7 5.8 8.6#

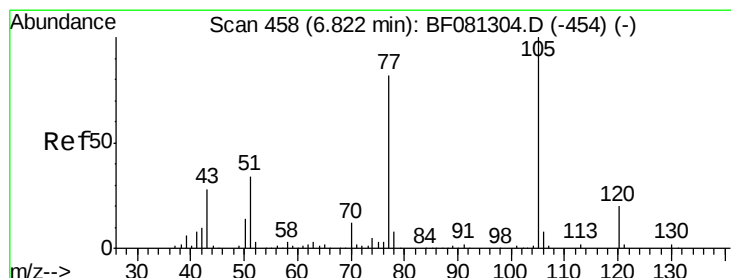
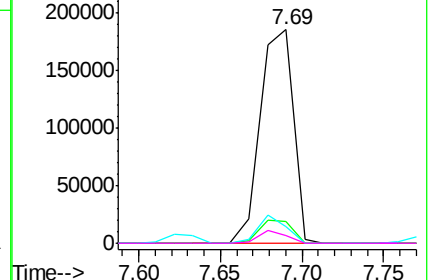
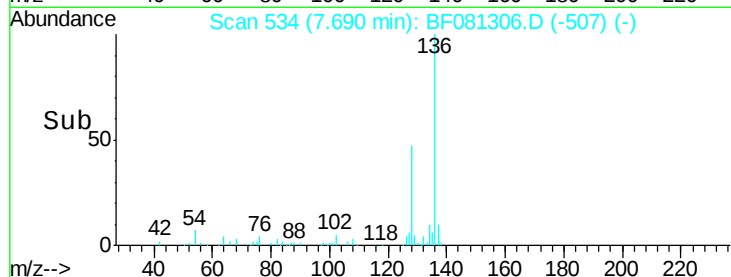


Abundance Ion 136.00 (135.70 to 136.70): E

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: 61.97 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Tgt Ion:105 Resp: 437110

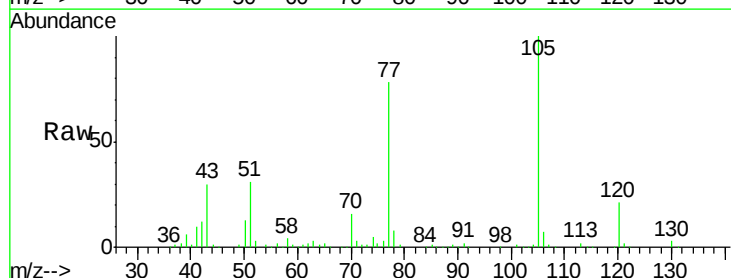
Ion Ratio Lower Upper

105 100

71 2.6 4.7 7.1#

51 31.0 22.0 33.0

120 20.9 30.1 45.1#

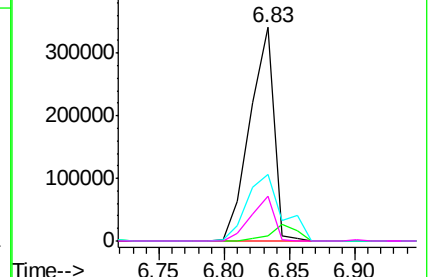
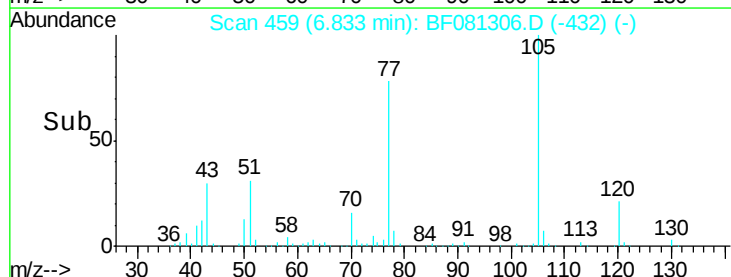


Abundance Ion 105.00 (104.70 to 105.70): E

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

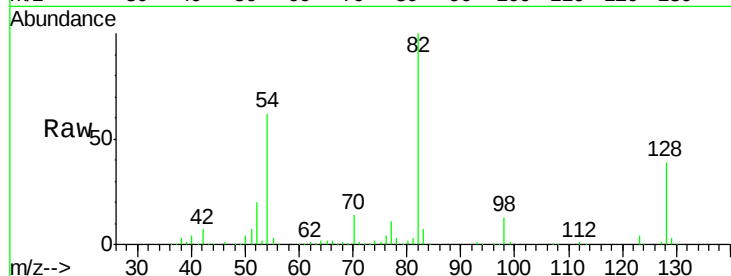




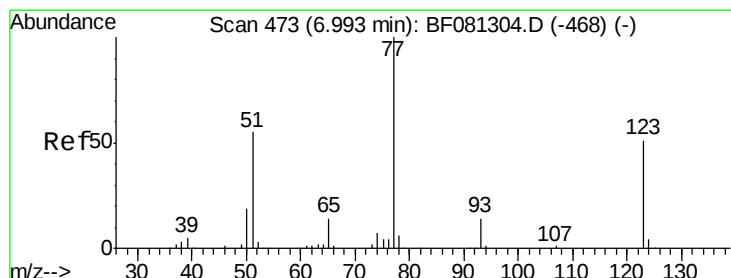
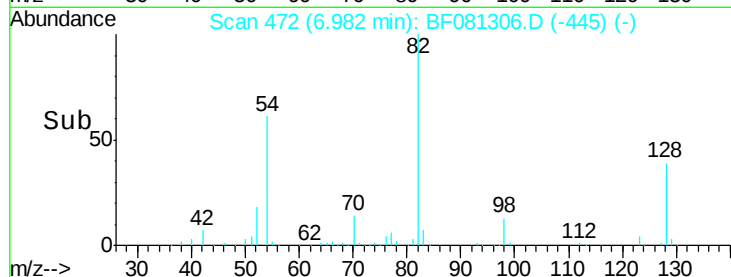
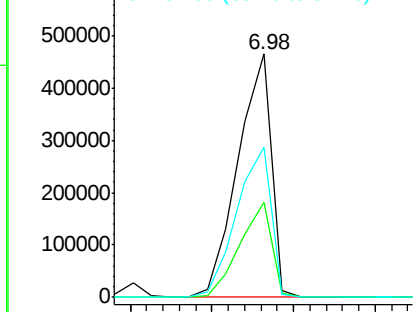
#23
 Nitrobenzene-d5
 Concen: 60.91 ng
 RT: 6.98 min Scan# 472
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 659277
 Ion Ratio Lower Upper
 82 100
 128 39.3 51.0 76.6#
 54 61.7 47.5 71.3

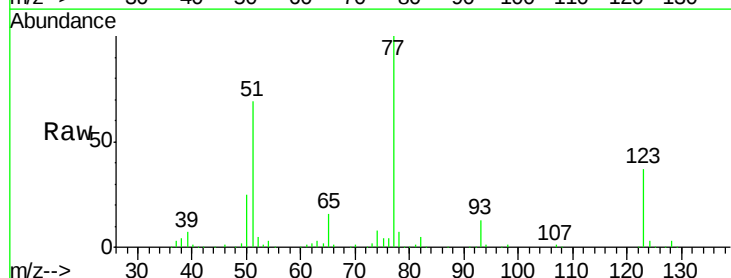


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

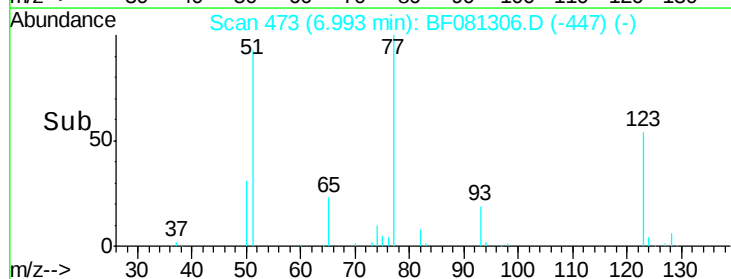
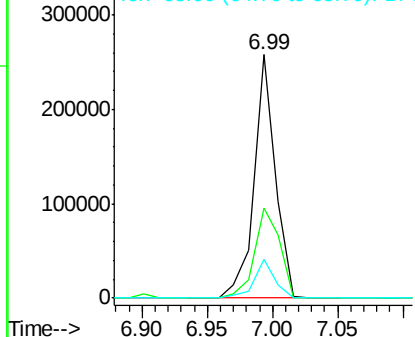


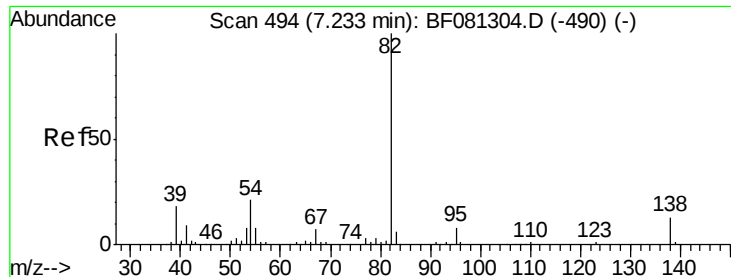
#24
 Nitrobenzene
 Concen: 50.00 ng
 RT: 6.99 min Scan# 473
 Delta R.T. -0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion: 77 Resp: 293226
 Ion Ratio Lower Upper
 77 100
 123 37.1 59.8 89.8#
 65 15.9 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: 63.44 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

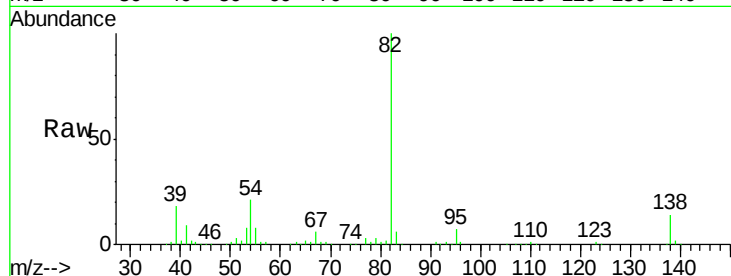
Tot Ion: 82 Resp: 633977

Ion Ratio Lower Upper

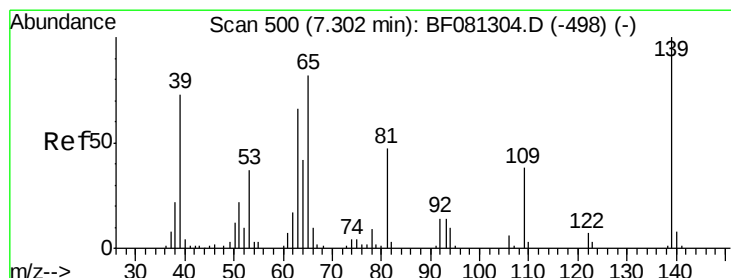
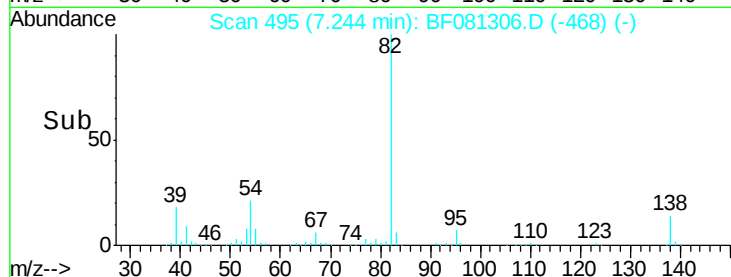
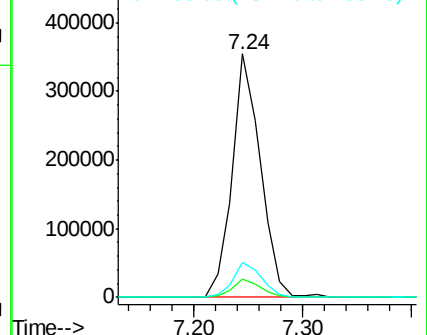
82 100

95 7.5 4.0 6.0#

138 14.2 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 68.40 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

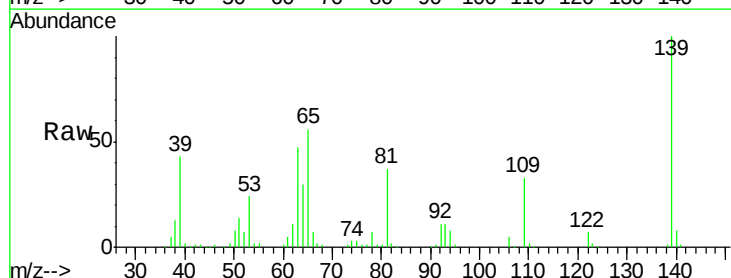
Tgt Ion: 139 Resp: 161646

Ion Ratio Lower Upper

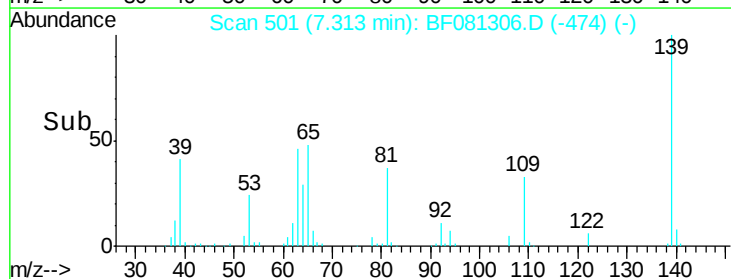
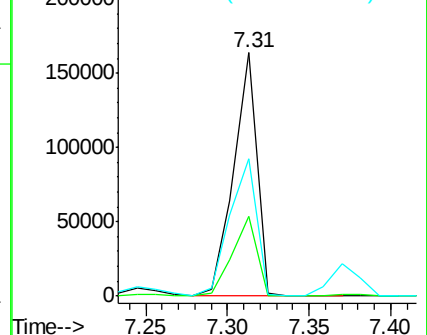
139 100

109 32.9 11.0 16.4#

65 56.3 24.7 37.1#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 59.92 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

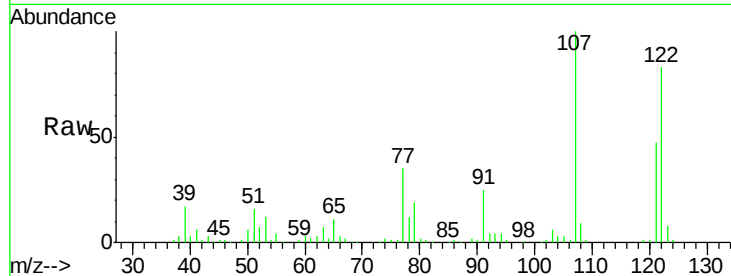
Tot Ion:122 Resp: 253238

Ion Ratio Lower Upper

122 100

107 120.2 71.8 107.6#

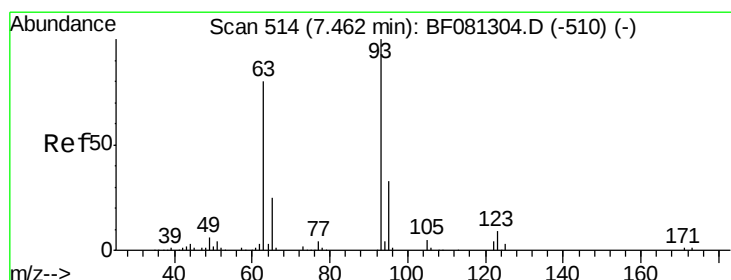
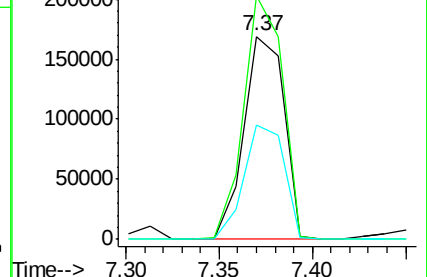
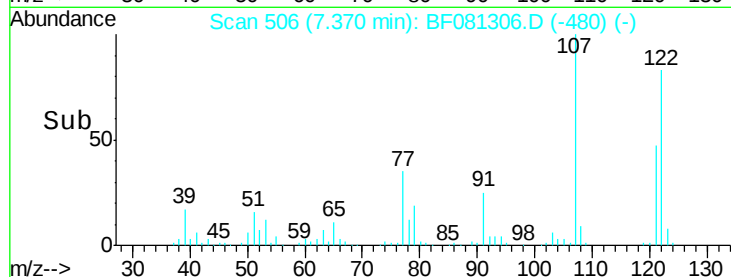
121 56.1 42.3 63.5



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: 59.02 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

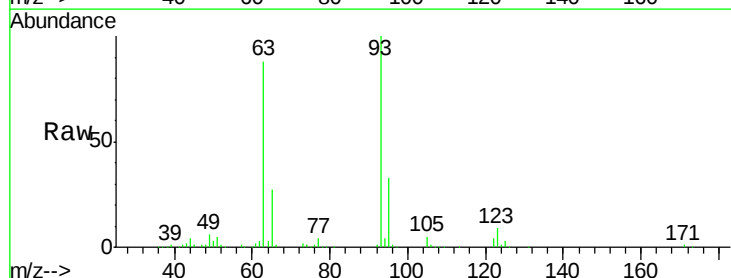
Tgt Ion: 93 Resp: 346426

Ion Ratio Lower Upper

93 100

95 32.6 27.5 41.3

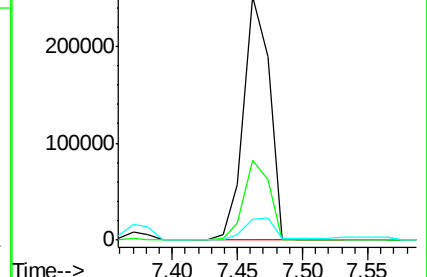
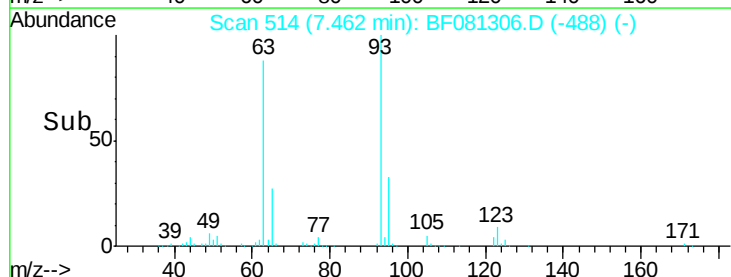
123 8.8 13.7 20.5#

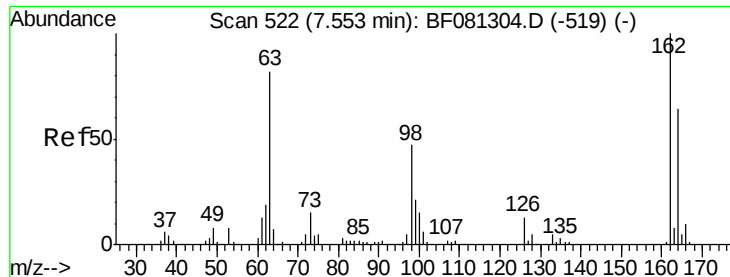


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

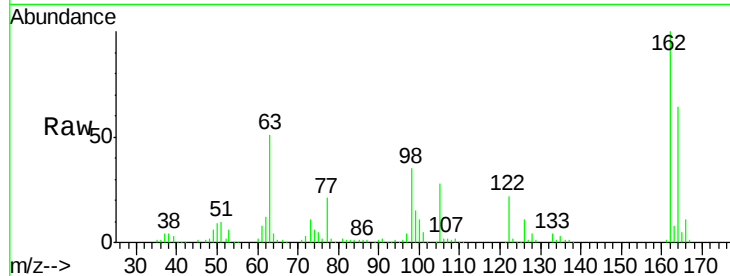




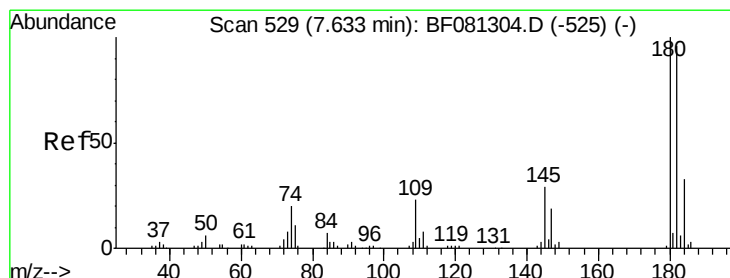
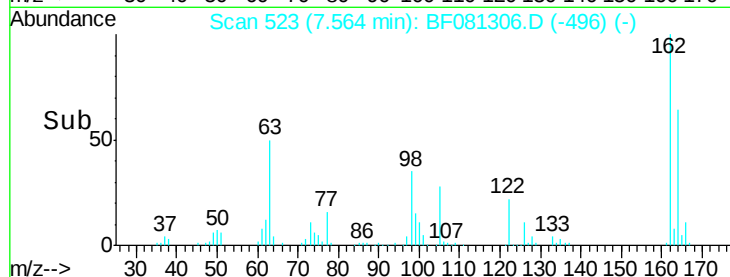
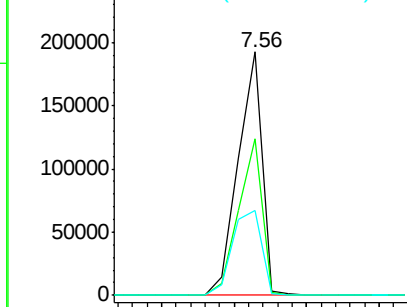
#29
 2,4-Dichlorophenol
 Concen: 59.92 ng
 RT: 7.56 min Scan# 523
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	44.9	84.9
98	35.0	13.0	53.0

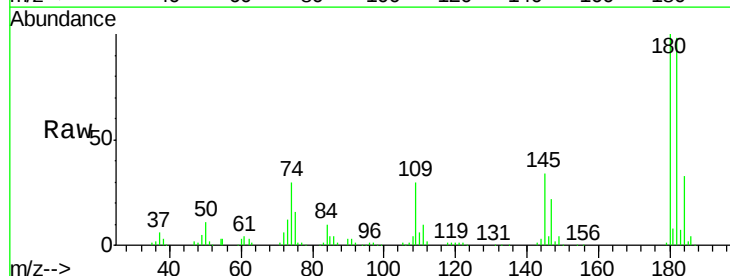


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

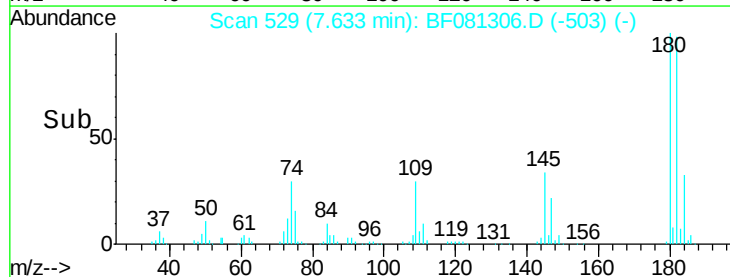
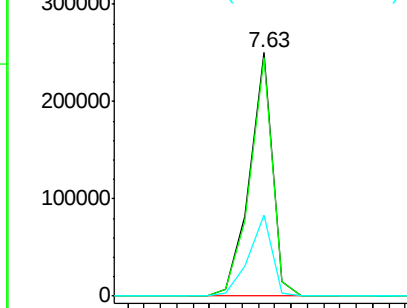


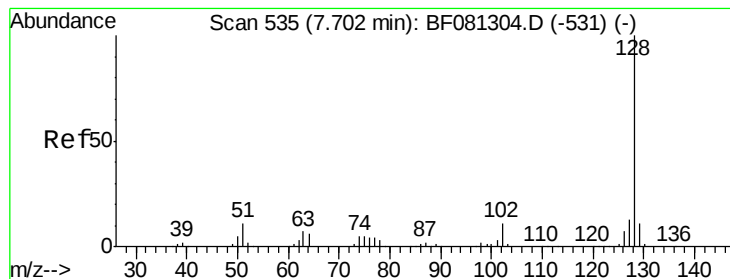
#30
 1,2,4-Trichlorobenzene
 Concen: 61.45 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	77.1	115.7
145	33.5	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: 55.00 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

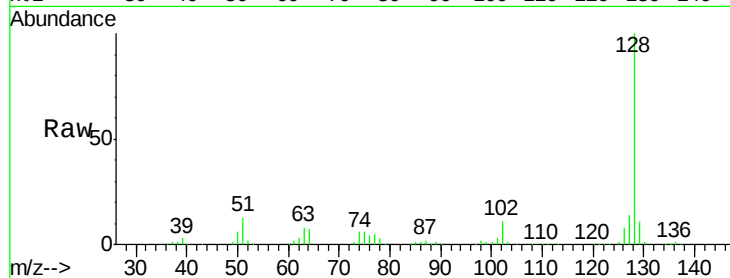
Tot Ion:128 Resp: 782763

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

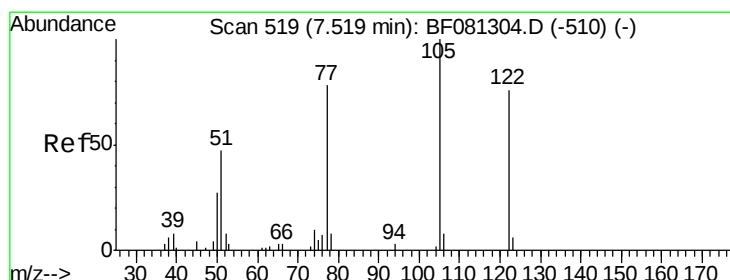
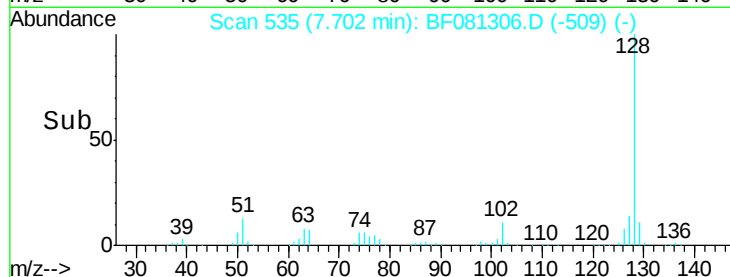
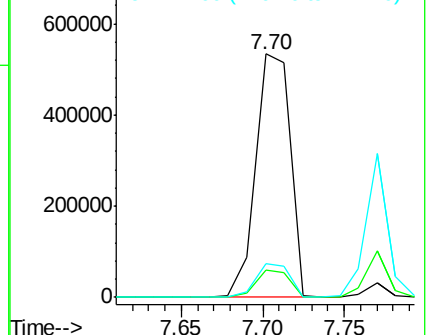
127 13.6 9.9 14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 66.74 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.05 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

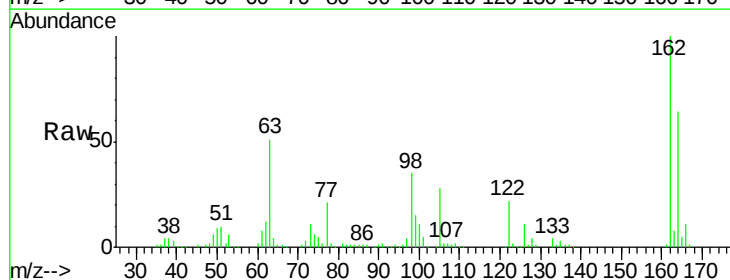
Tgt Ion:122 Resp: 186408

Ion Ratio Lower Upper

122 100

105 126.1 76.1 116.1#

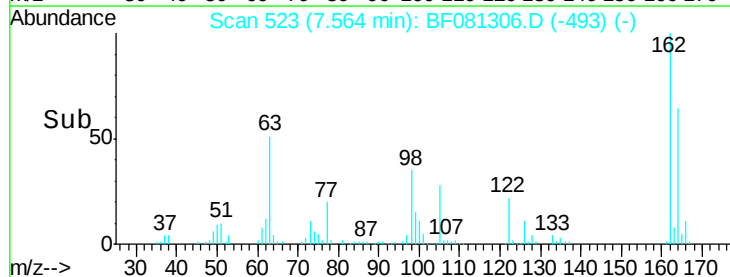
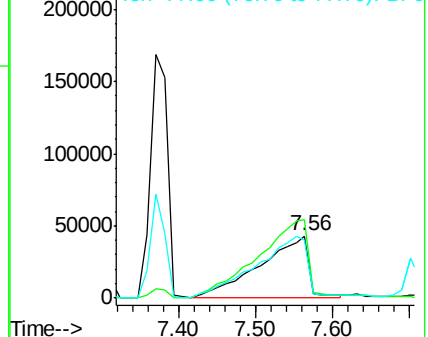
77 93.5 40.5 80.5#

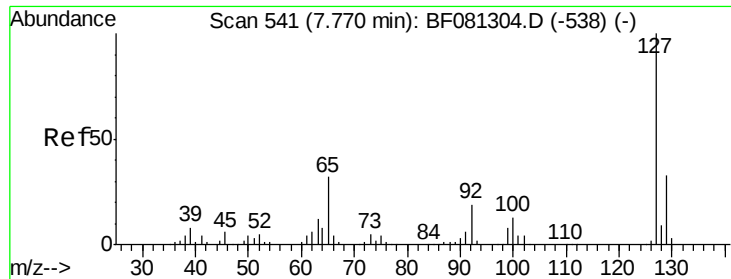


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

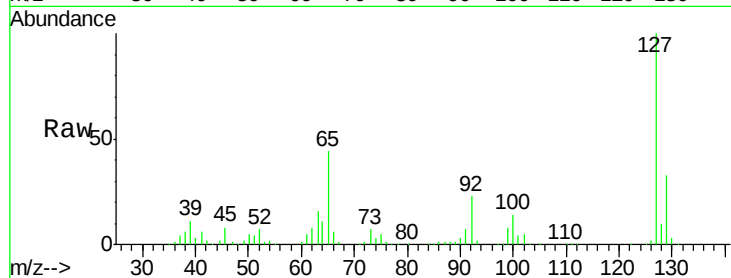




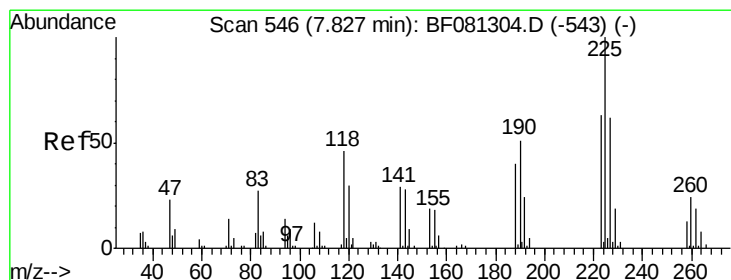
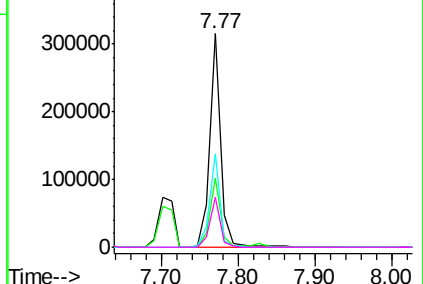
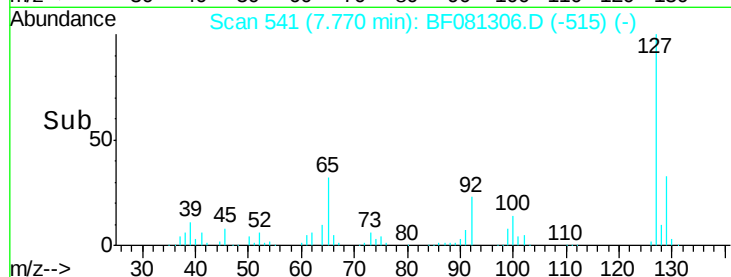
#33
 4-Chloroaniline
 Concen: 51.57 ng
 RT: 7.77 min Scan# 541
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	127	Resp:	306388
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.8	38.6
65	43.6	17.9	26.9#
92	23.4	10.5	15.7#

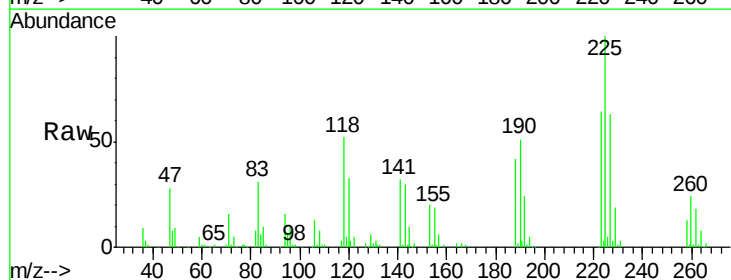


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

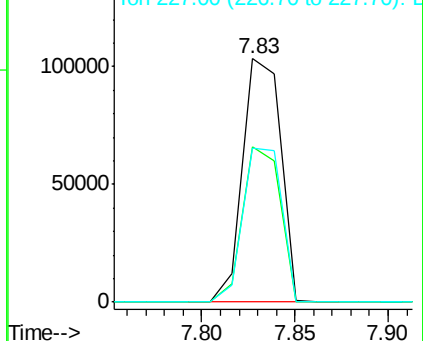
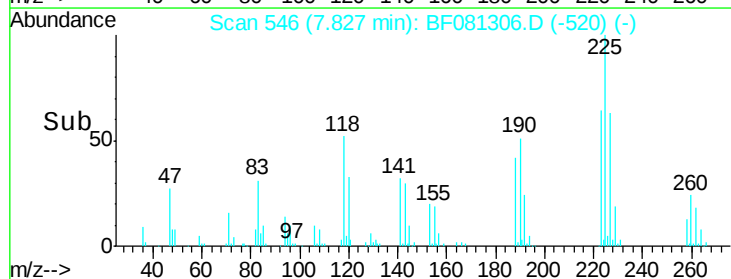


#34
 Hexachlorobutadiene
 Concen: 59.77 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:	225	Resp:	146291
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.2	75.2
227	63.1	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E

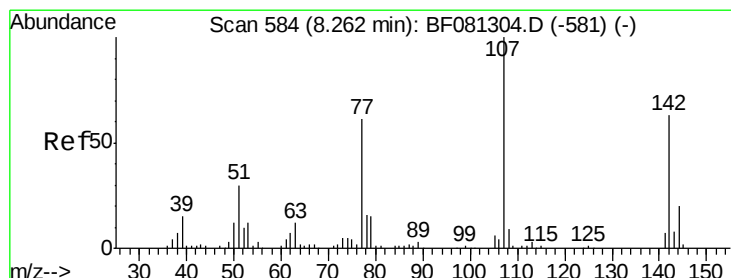
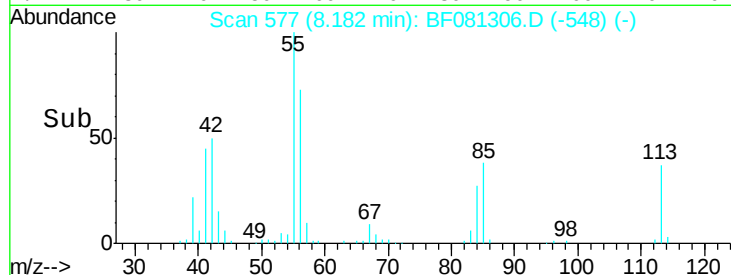
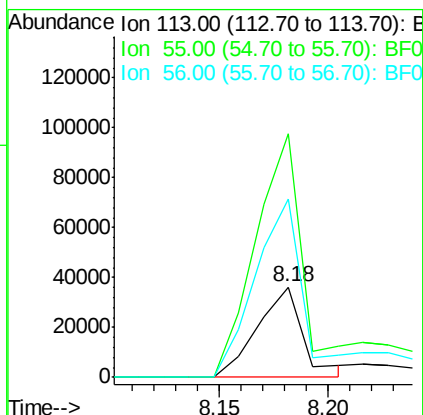
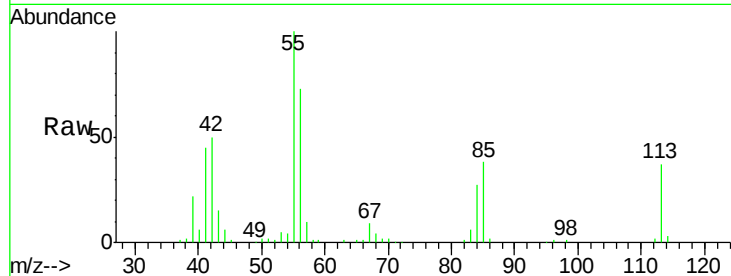




#35
 Caprolactam
 Concen: 47.41 ng
 RT: 8.18 min Scan# 577
 Delta R.T. 0.03 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

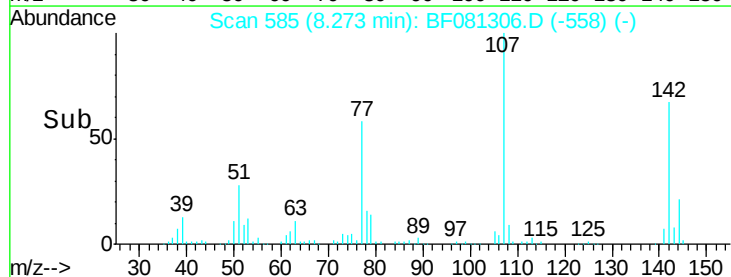
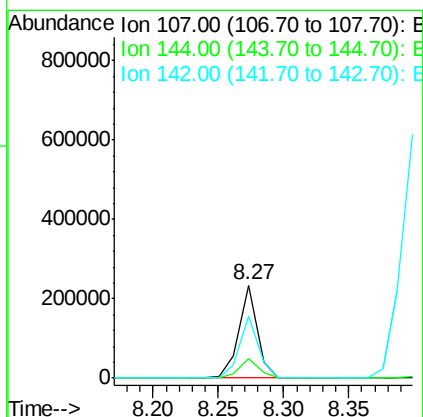
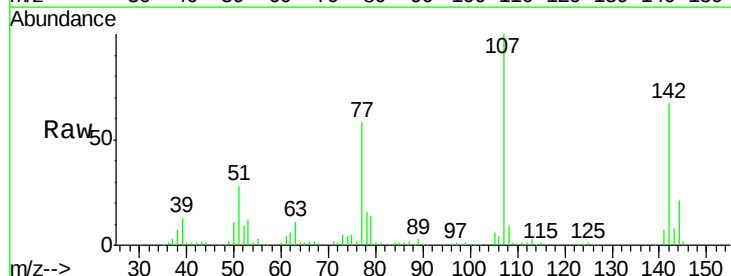
Instrument :
 BNA_F
 ClientSampleId :

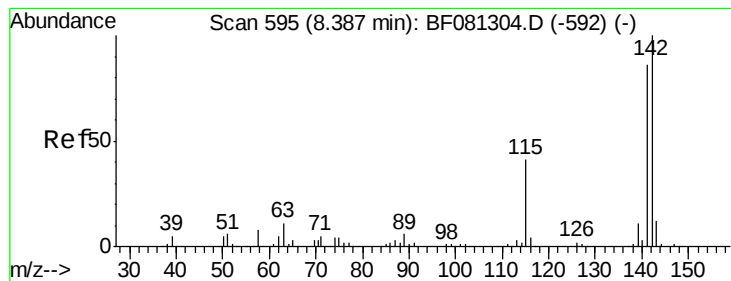
Tot Ion:113 Resp: 53032
 Ion Ratio Lower Upper
 113 100
 55 270.5 152.4 192.4#
 56 198.6 104.6 144.6#



#36
 4-Chloro-3-methylphenol
 Concen: 54.82 ng
 RT: 8.27 min Scan# 585
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:107 Resp: 230719
 Ion Ratio Lower Upper
 107 100
 144 21.4 25.4 38.0#
 142 66.6 77.3 115.9#

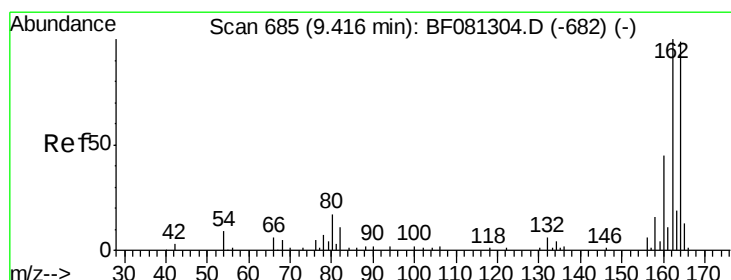
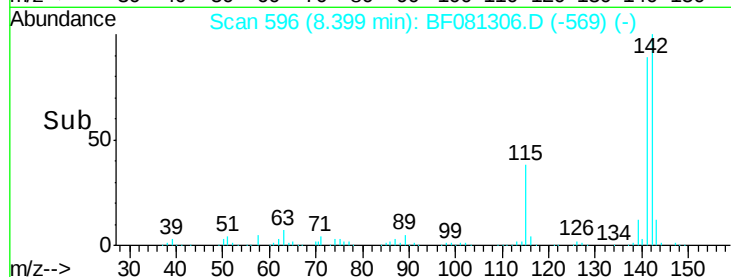
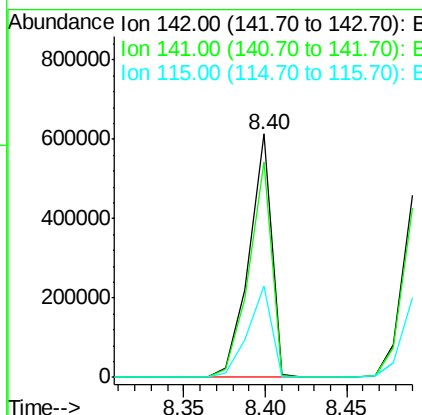
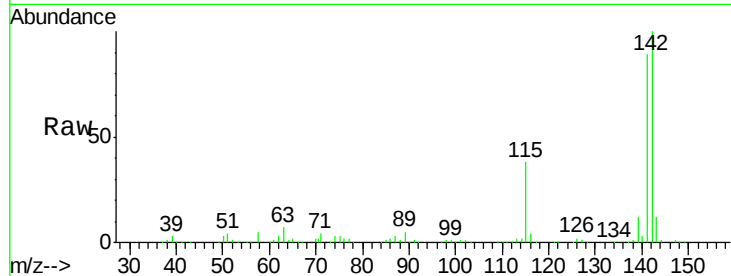




#37
 2-Methylnaphthalene
 Concen: 67.43 ng
 RT: 8.40 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

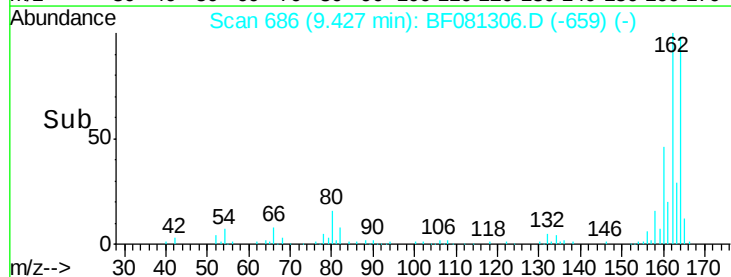
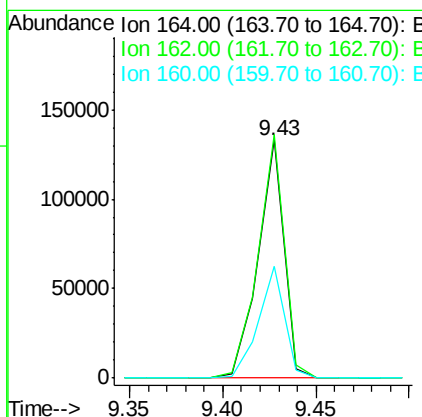
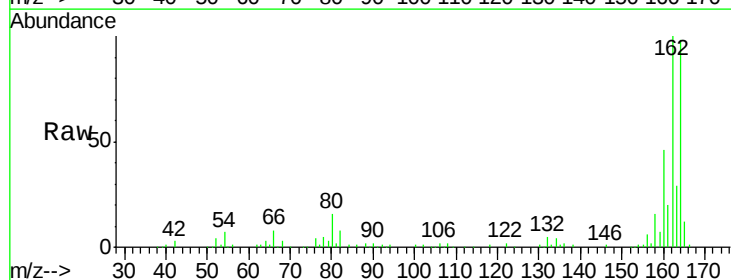
Instrument :
 BNA_F
 ClientSampleID :

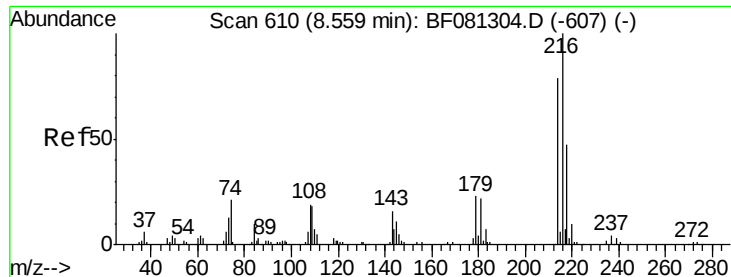
Tot Ion:142 Resp: 594820
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.5 101.3
 115 37.6 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.43 min Scan# 686
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:164 Resp: 127508
 Ion Ratio Lower Upper
 164 100
 162 102.3 75.2 112.8
 160 47.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 51.16 ng

RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 215850

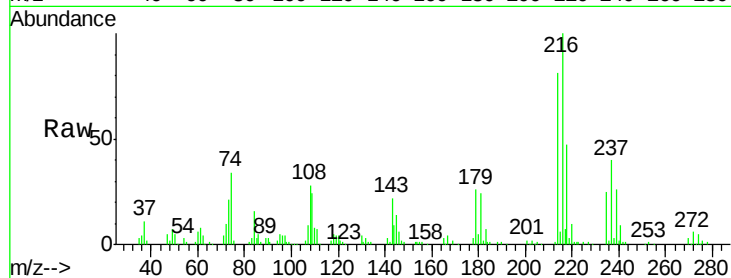
Ion Ratio Lower Upper

216 100

214 78.9 63.5 95.3

179 21.6 16.6 24.8

108 21.2 16.3 24.5

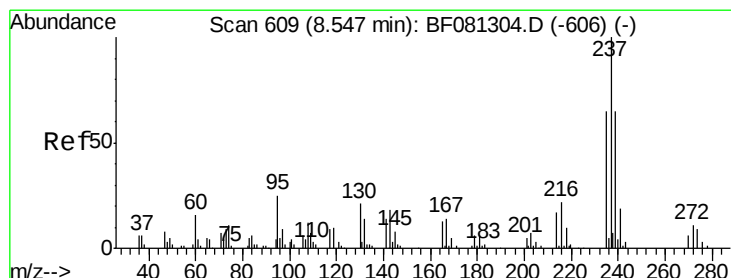
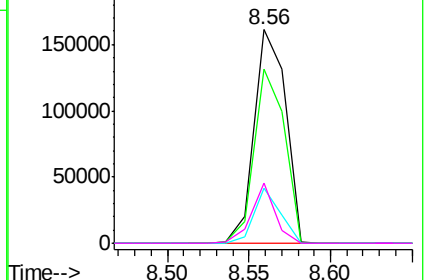
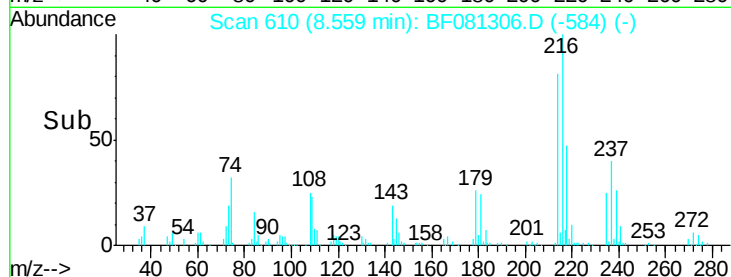


Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.23 ng

RT: 8.55 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

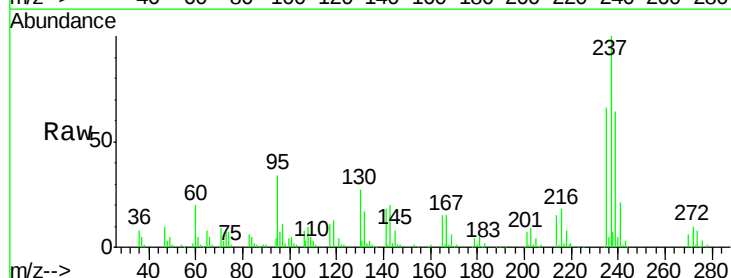
Tgt Ion:237 Resp: 129530

Ion Ratio Lower Upper

237 100

235 66.0 42.0 82.0

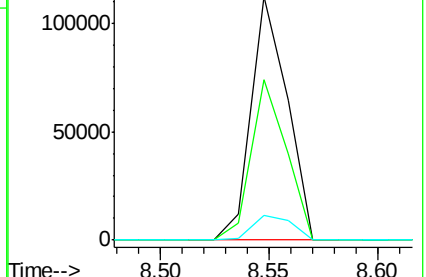
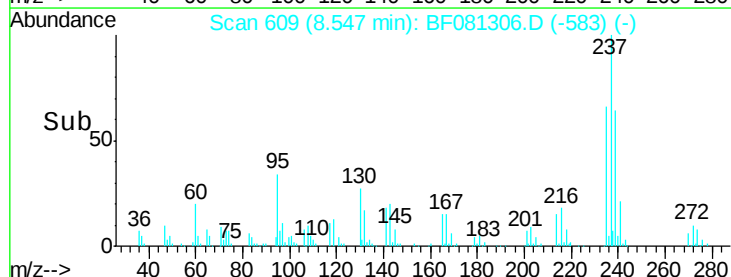
272 10.0 0.0 36.1



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

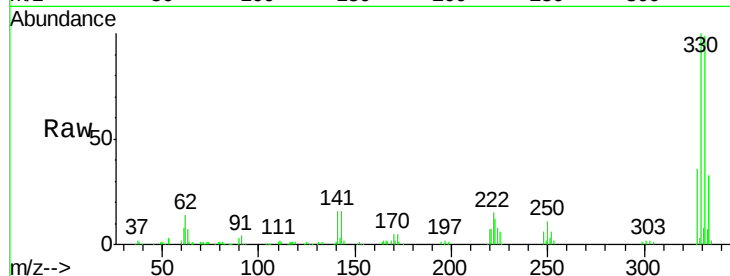




#41
 2,4,6-Tribromophenol
 Concen: 65.48 ng
 RT: 10.22 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	114.8
141	38.3	29.7	44.5

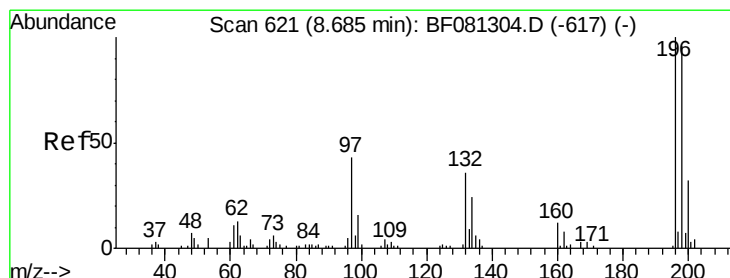
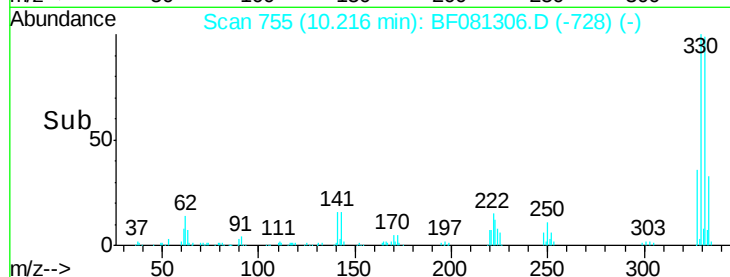
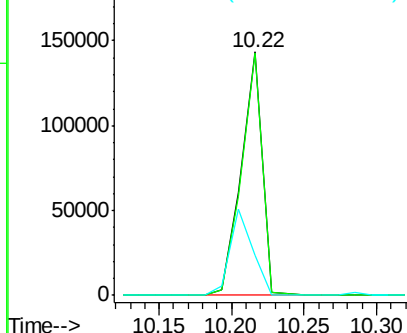


Abundance

Ion 329.80 (329.50 to 330.50): E

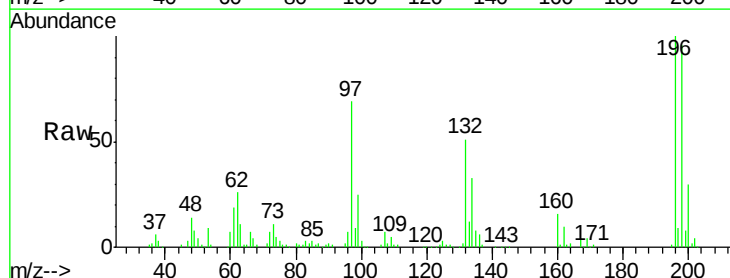
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 61.52 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	75.7	113.5
200	29.8	23.9	35.9

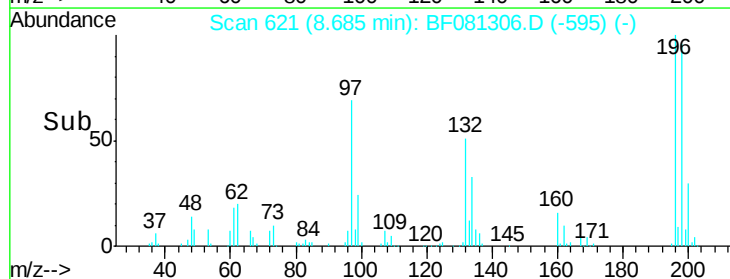
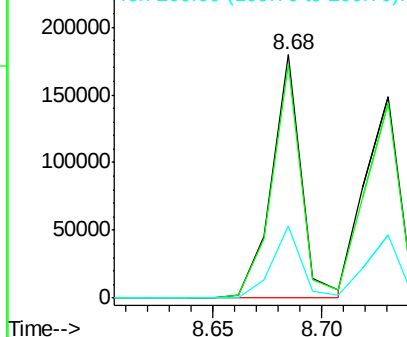


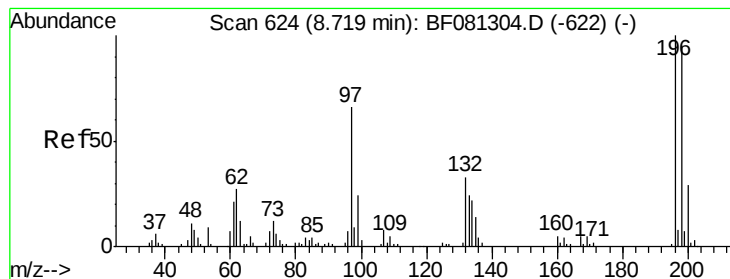
Abundance

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: 57.79 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 165133

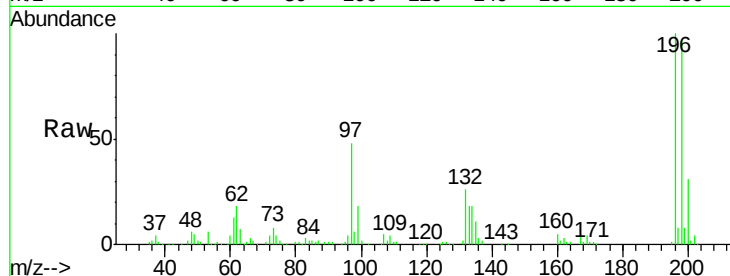
Ion Ratio Lower Upper

196 100

198 96.7 75.4 113.0

97 47.7 33.3 49.9

132 26.2 24.6 37.0

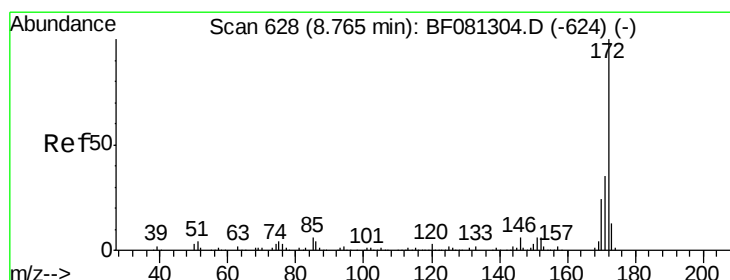
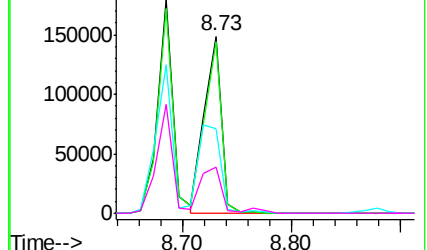
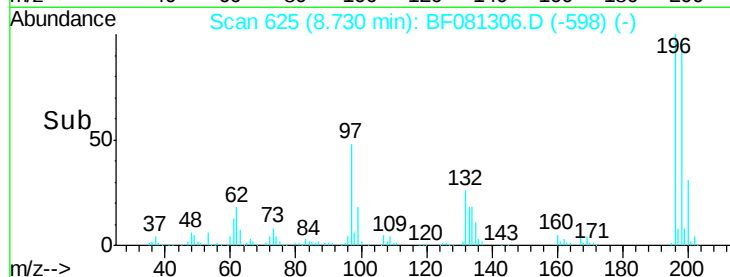


Abundance Ion 196.00 (195.70 to 196.70): E

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: 52.76 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

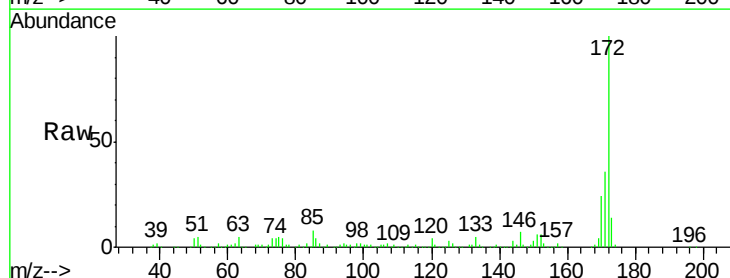
Tgt Ion:172 Resp: 1091539

Ion Ratio Lower Upper

172 100

171 36.1 26.1 39.1

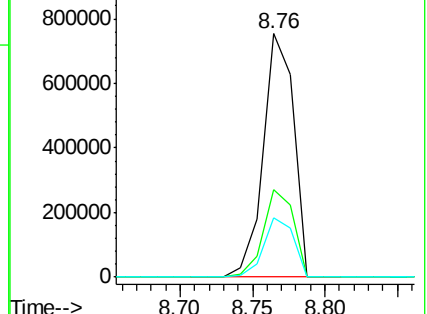
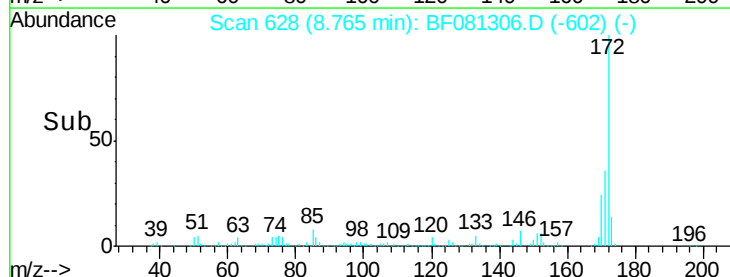
170 24.4 17.4 26.2

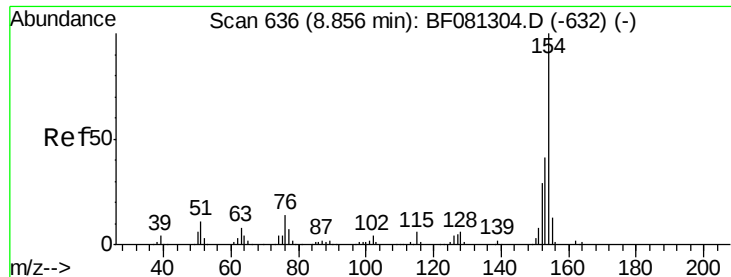


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 60.77 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

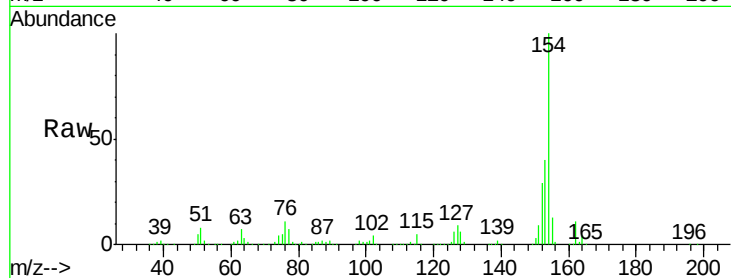
Tot Ion:154 Resp: 708998

Ion Ratio Lower Upper

154 100

153 40.5 17.1 57.1

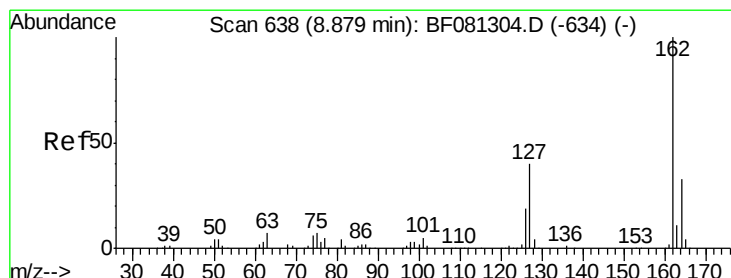
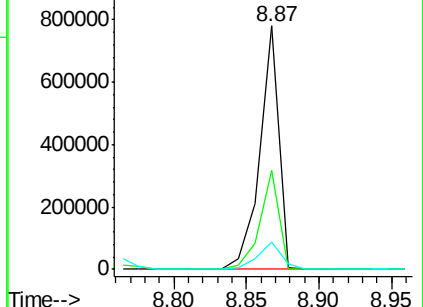
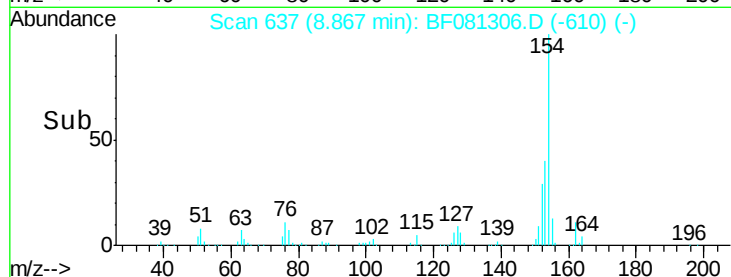
76 11.2 0.0 31.6



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: 47.60 ng

RT: 8.88 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

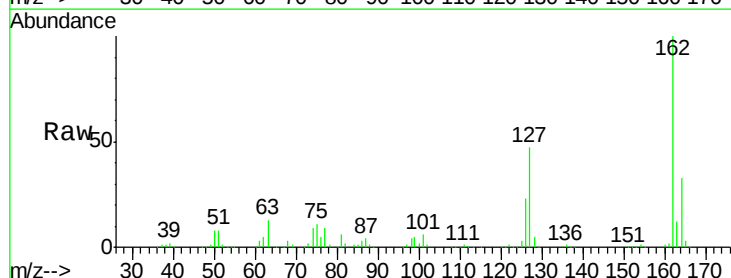
Tgt Ion:162 Resp: 427074

Ion Ratio Lower Upper

162 100

127 47.4 27.6 41.4#

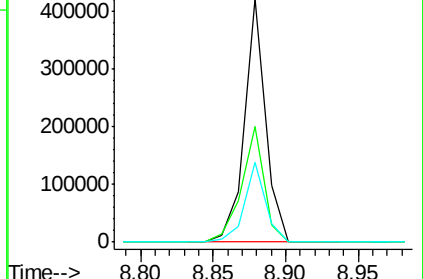
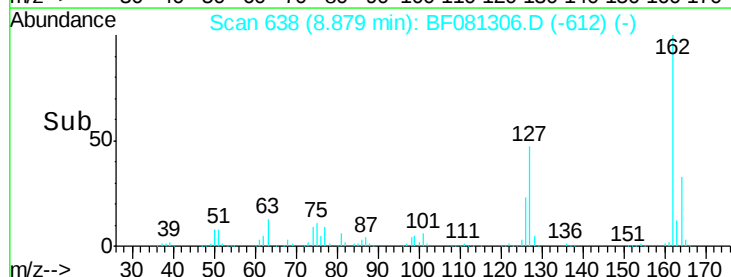
164 32.7 25.4 38.2



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

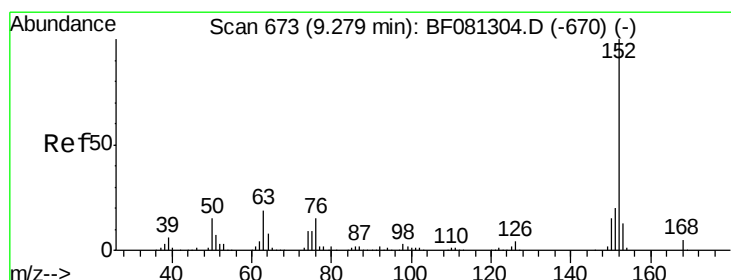
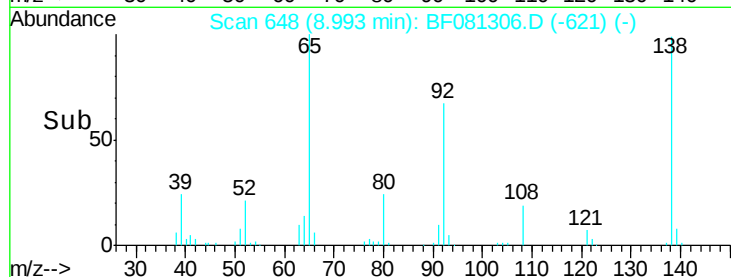
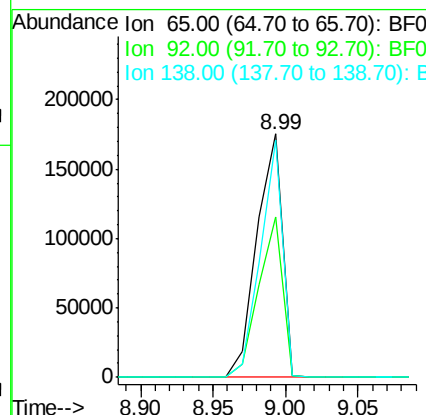
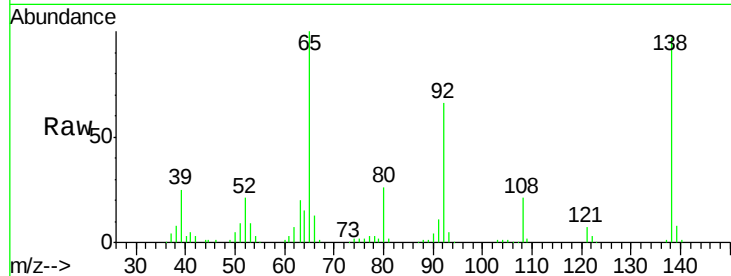




#47
2-Nitroaniline
Concen: 63.69 ng
RT: 8.99 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

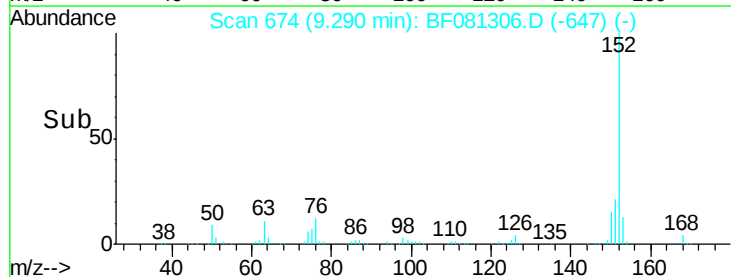
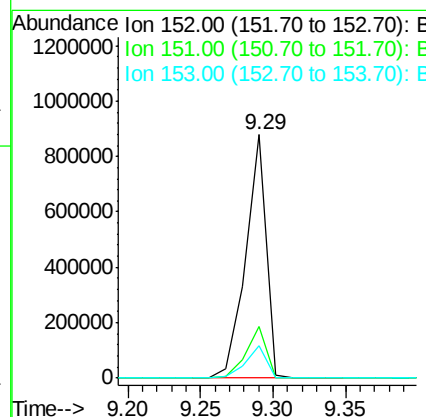
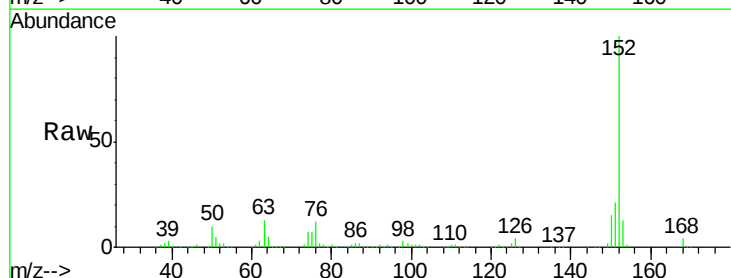
Instrument :
BNA_F
ClientSampleId :

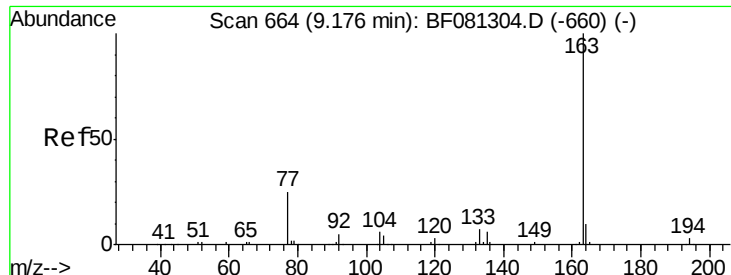
Tot Ion: 65 Resp: 213912
Ion Ratio Lower Upper
65 100
92 66.0 55.4 83.0
138 97.5 115.5 173.3#



#48
Acenaphthylene
Concen: 56.43 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion: 152 Resp: 861540
Ion Ratio Lower Upper
152 100
151 21.0 14.6 22.0
153 13.5 10.3 15.5

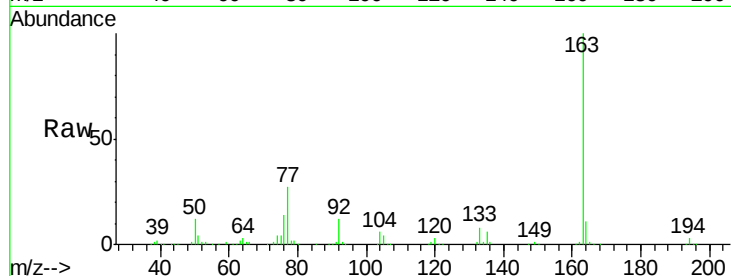




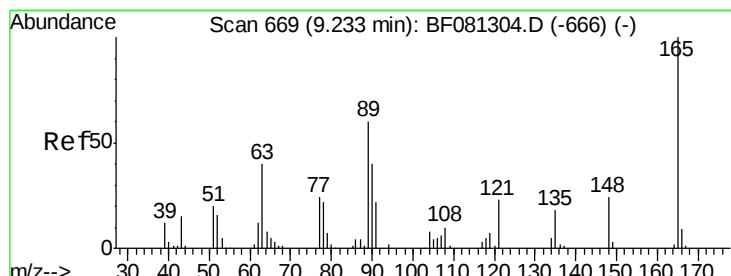
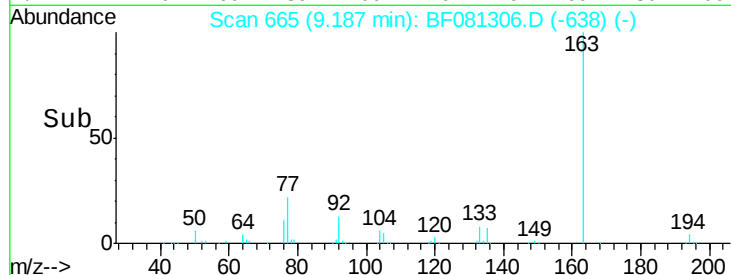
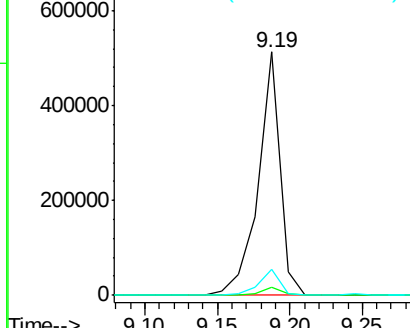
#49
Dimethylphthalate
Concen: 52.16 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 537633
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.7 8.3 12.5

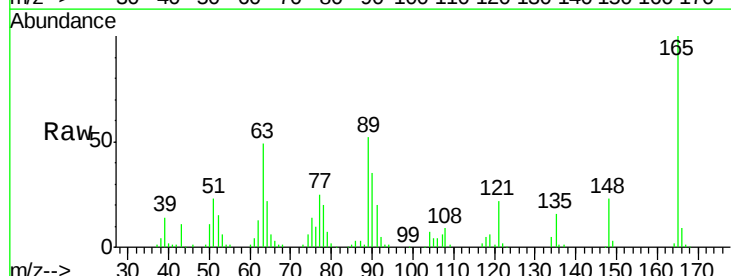


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

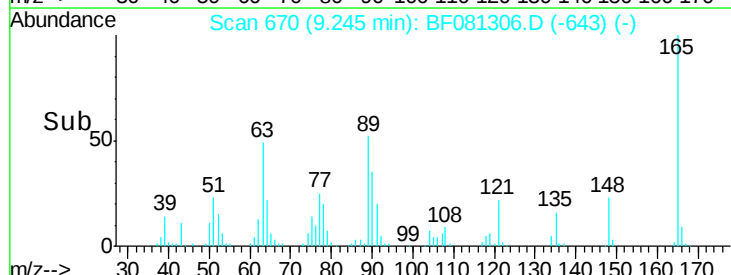
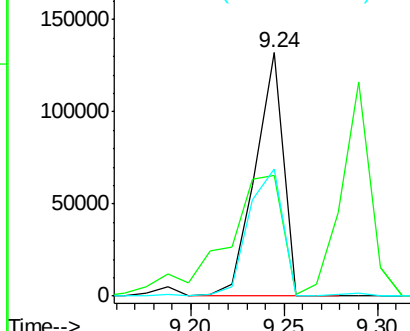


#50
2,6-Dinitrotoluene
Concen: 61.52 ng
RT: 9.24 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:165 Resp: 137051
Ion Ratio Lower Upper
165 100
63 49.5 32.3 48.5#
89 52.2 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: 54.79 ng

RT: 9.46 min Scan# 689

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

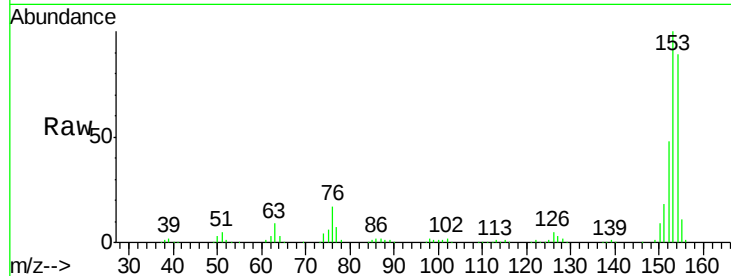
Tot Ion:154 Resp: 478411

Ion Ratio Lower Upper

154 100

153 112.5 82.1 123.1

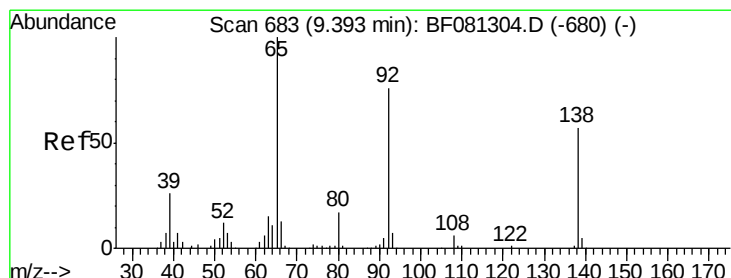
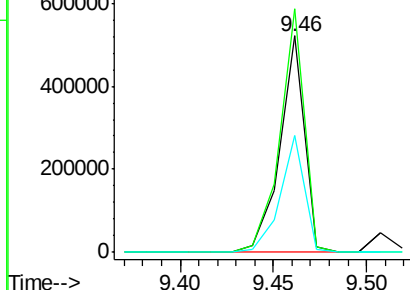
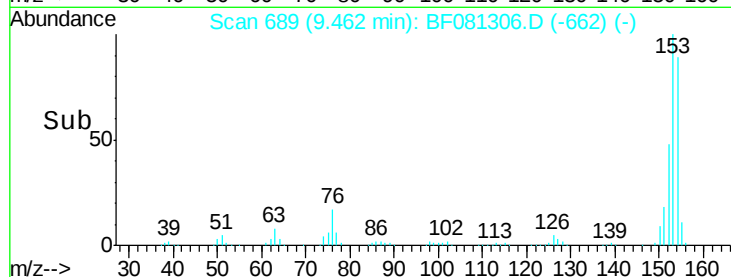
152 53.9 37.9 56.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 52.80 ng

RT: 9.40 min Scan# 684

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

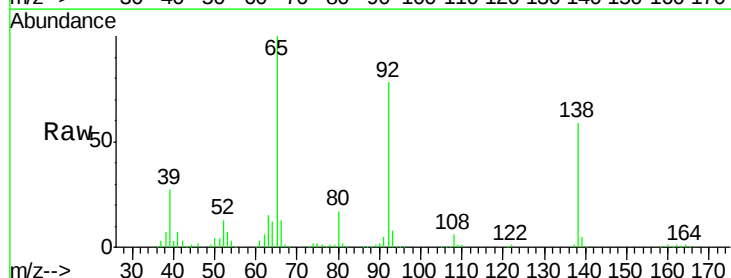
Tgt Ion:138 Resp: 139452

Ion Ratio Lower Upper

138 100

108 10.8 5.7 8.5#

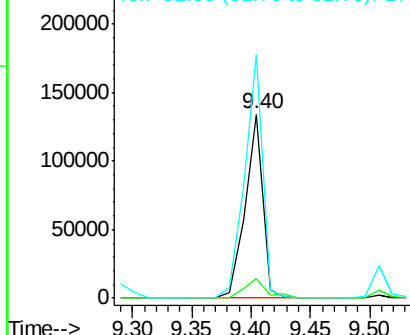
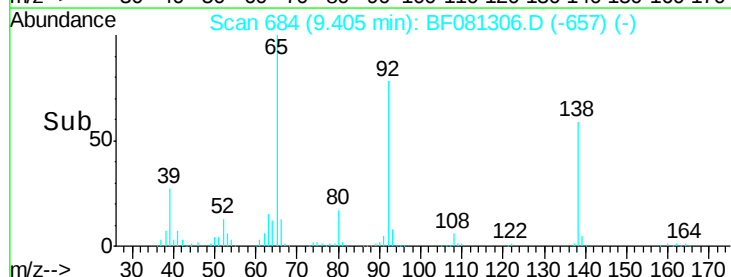
92 132.4 67.7 101.5#

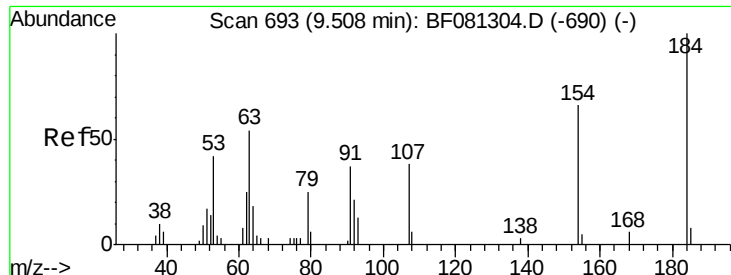


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

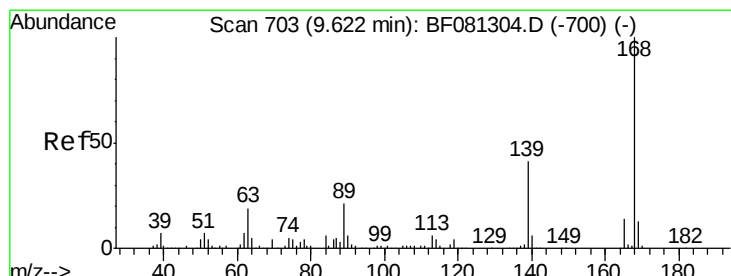
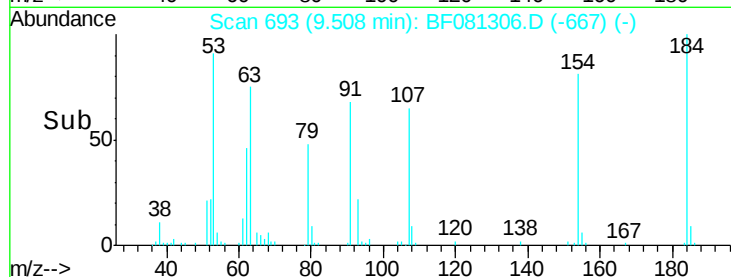
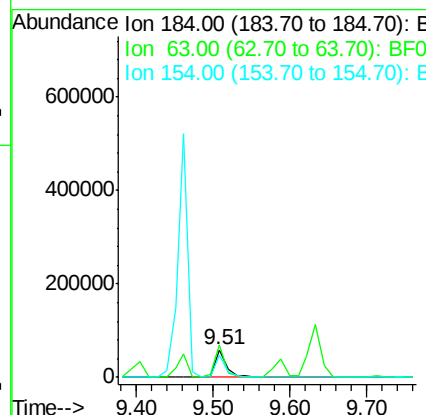
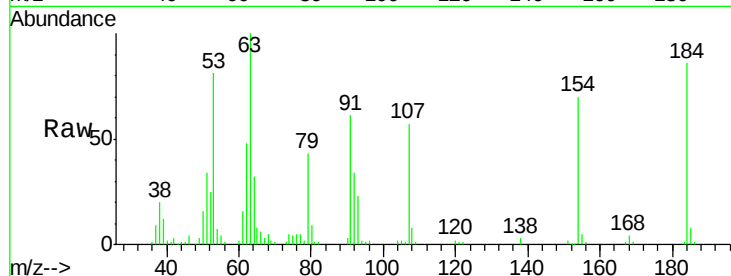




#53
 2,4-Dinitrophenol
 Concen: 74.65 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

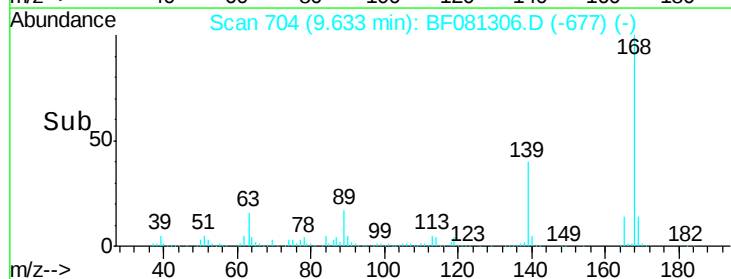
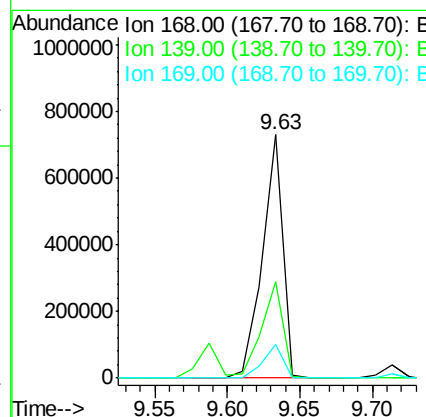
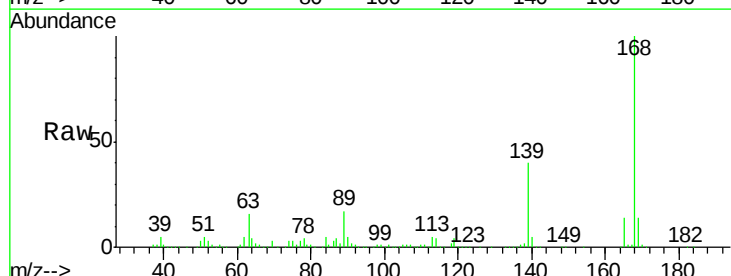
Instrument :
 BNA_F
 ClientSampled :

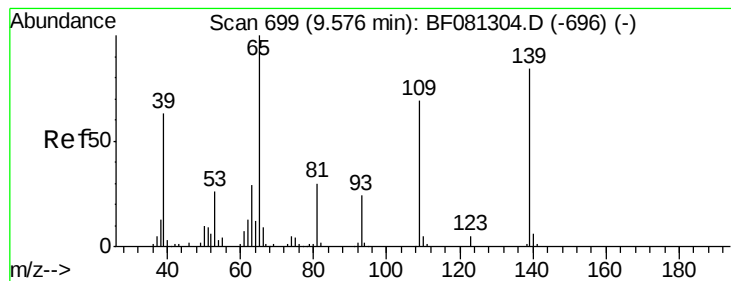
Tot Ion:184 Resp: 64559
 Ion Ratio Lower Upper
 184 100
 63 116.1 35.4 53.2#
 154 81.4 32.2 48.4#



#54
 Dibenzofuran
 Concen: 55.82 ng
 RT: 9.63 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:168 Resp: 709479
 Ion Ratio Lower Upper
 168 100
 139 39.6 24.2 36.2#
 169 13.7 10.6 15.8





#55

4-Nitrophenol

Concen: 61.39 ng

RT: 9.59 min Scan# 700

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

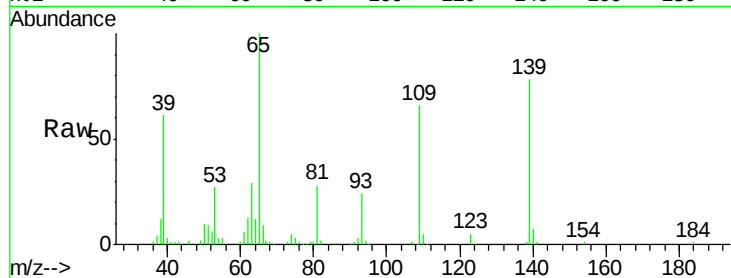
Tot Ion:139 Resp: 97145

Ion Ratio Lower Upper

139 100

109 84.7 12.7 52.7#

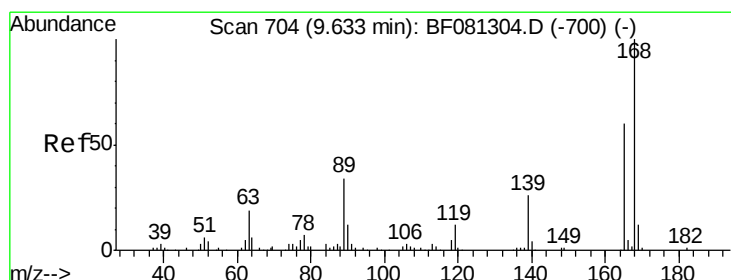
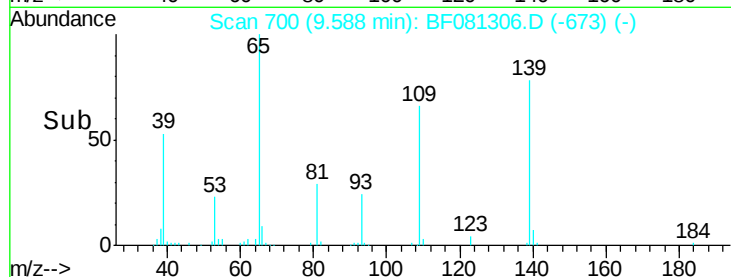
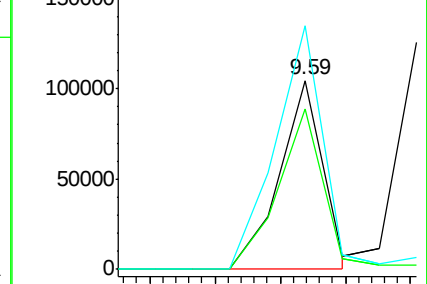
65 128.7 45.9 85.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 53.58 ng

RT: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Tgt Ion:165 Resp: 157328

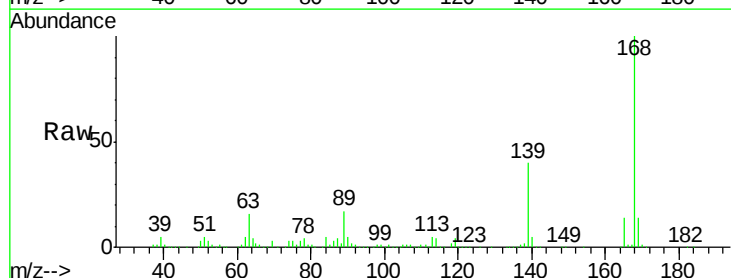
Ion Ratio Lower Upper

165 100

63 108.0 29.8 44.6#

89 118.6 44.5 66.7#

182 2.0 3.0 4.4#

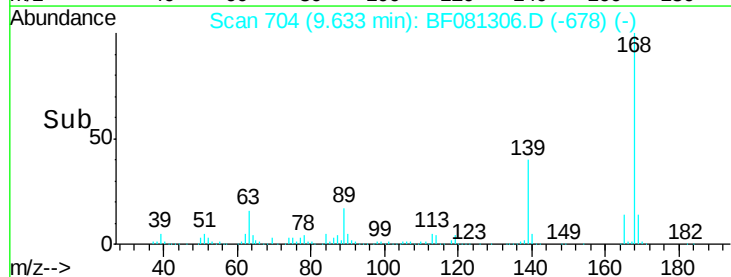
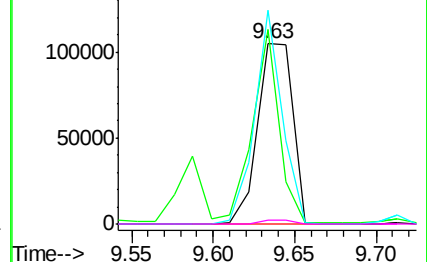


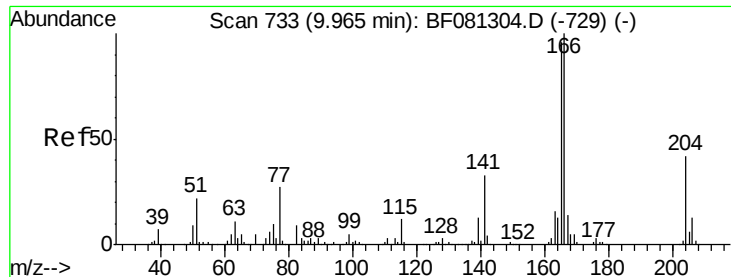
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

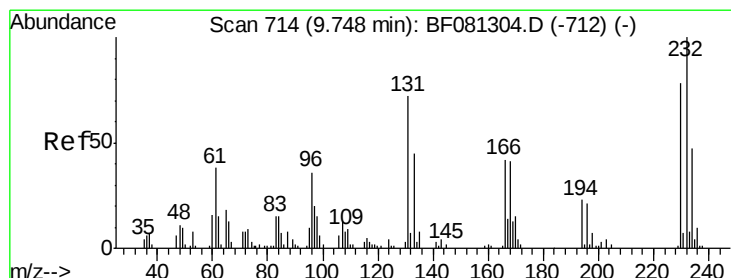
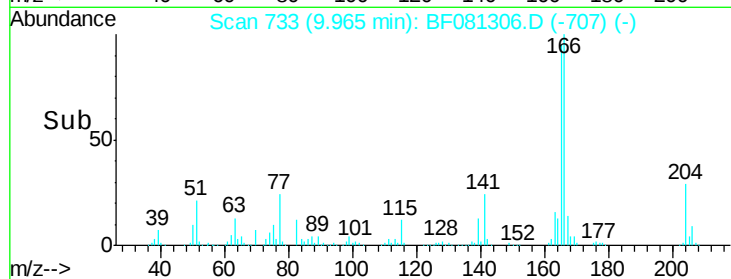
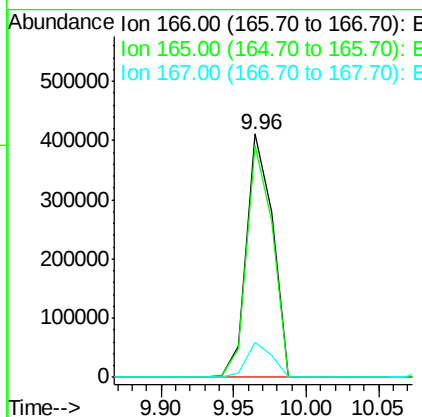
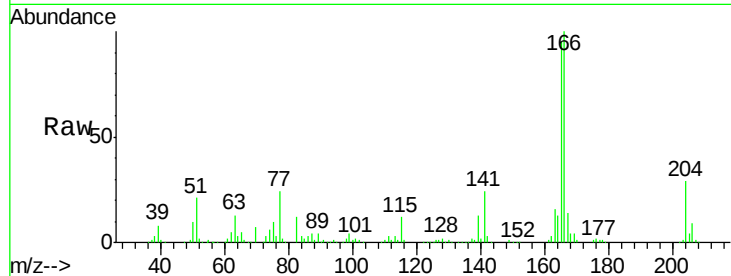




#57
 Fluorene
 Concen: 51.99 ng
 RT: 9.96 min Scan# 733
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

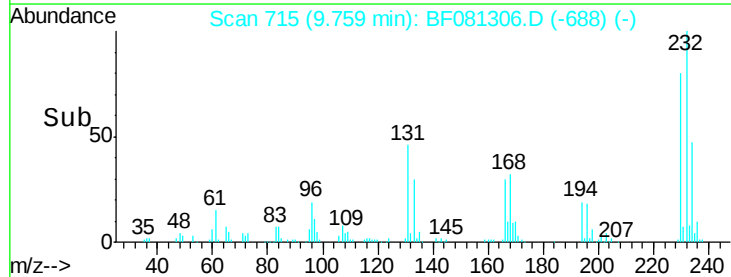
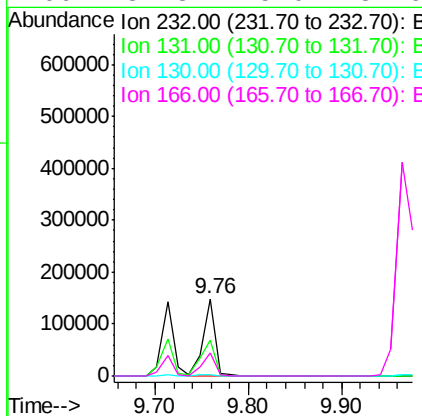
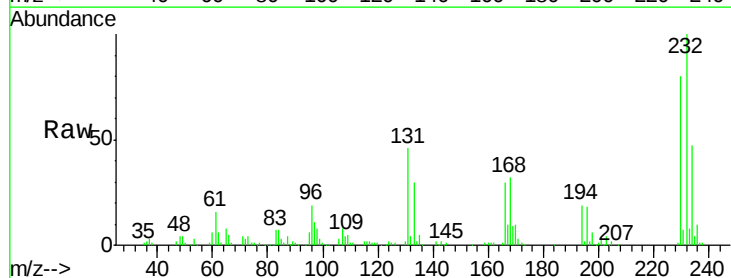
Instrument :
 BNA_F
 ClientSampleID :

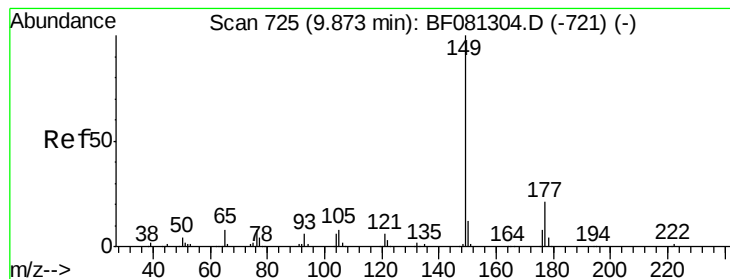
Tot Ion:166 Resp: 513584
 Ion Ratio Lower Upper
 166 100
 165 95.1 72.6 109.0
 167 14.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 65.55 ng
 RT: 9.76 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:232 Resp: 137778
 Ion Ratio Lower Upper
 232 100
 131 52.6 38.5 57.7
 130 2.5 1.8 2.6
 166 32.3 25.0 37.6





#59

Diethylphthalate

Concen: 51.61 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

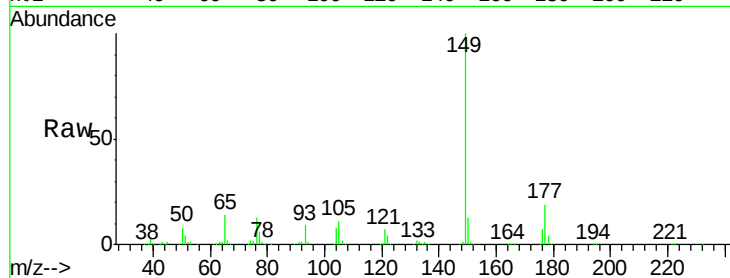
Tot Ion:149 Resp: 565800

Ion Ratio Lower Upper

149 100

177 18.6 17.5 26.3

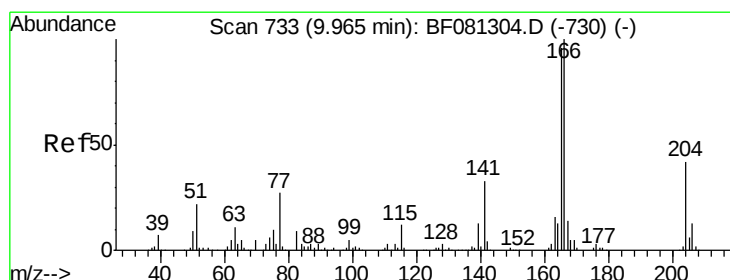
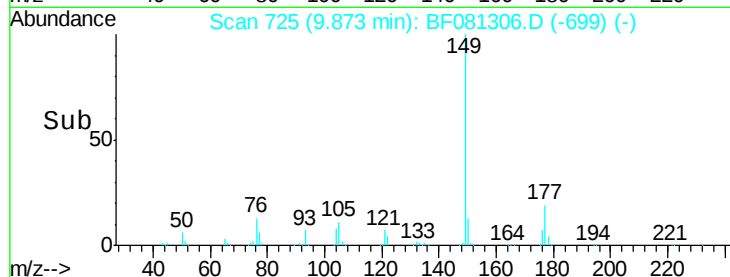
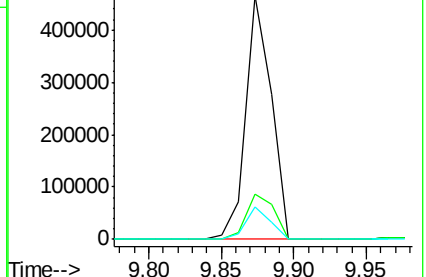
150 13.2 9.4 14.2



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: 58.01 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

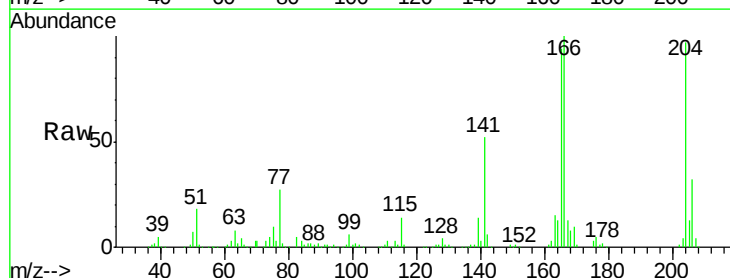
Tgt Ion:204 Resp: 272443

Ion Ratio Lower Upper

204 100

206 33.0 24.8 37.2

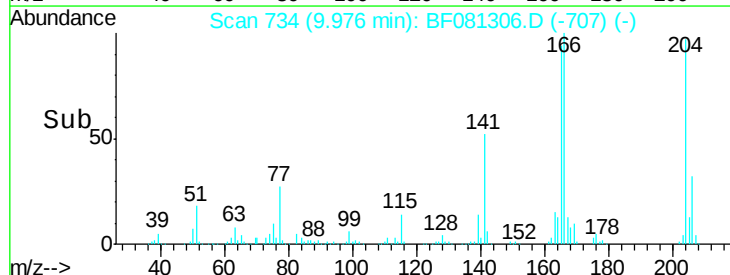
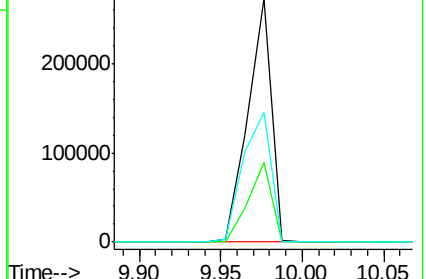
141 53.2 42.2 63.4

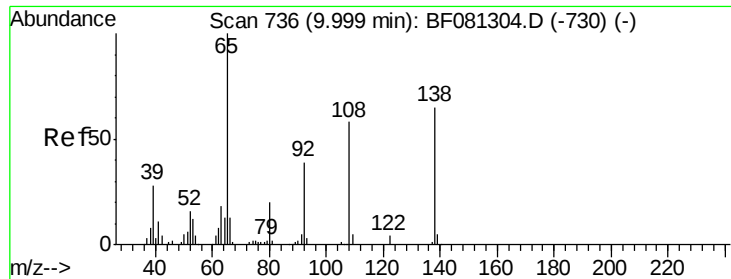


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 53.40 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.02 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

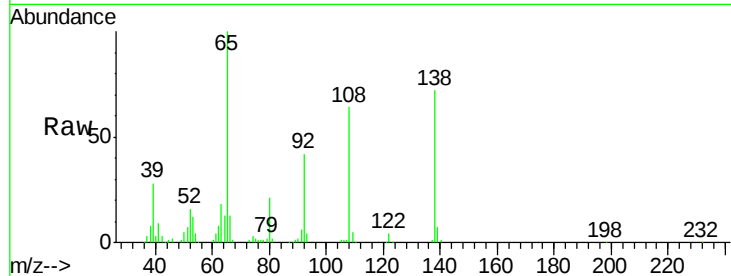
Tot Ion:138 Resp: 141828

Ion Ratio Lower Upper

138 100

92 58.1 12.6 52.6#

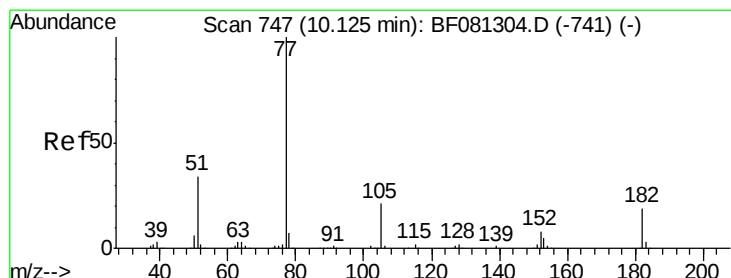
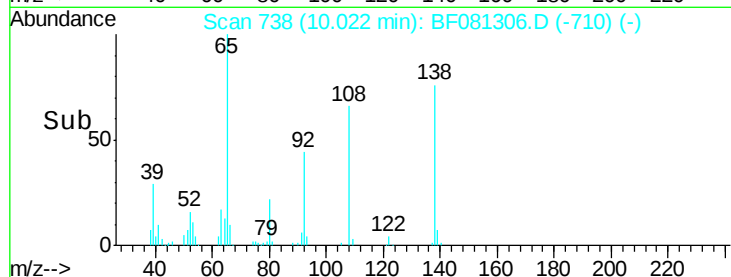
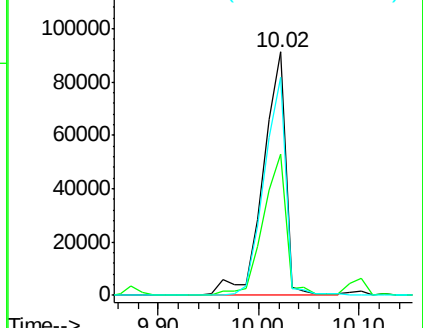
108 89.5 12.4 52.4#



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: 53.79 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Tgt Ion: 77 Resp: 646923

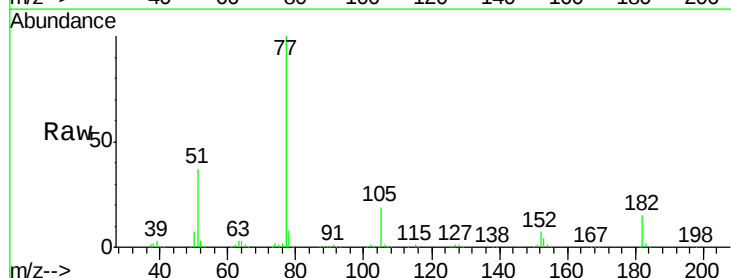
Ion Ratio Lower Upper

77 100

182 14.6 15.1 55.1#

105 19.3 3.4 43.4

51 36.7 12.0 52.0

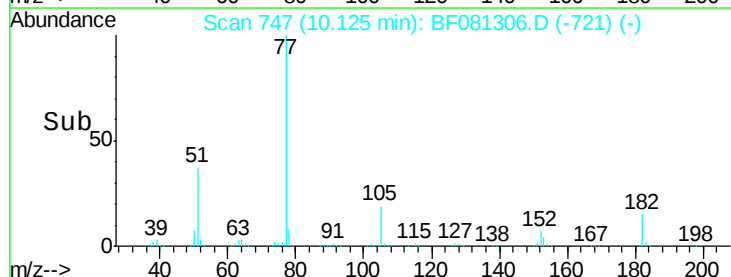
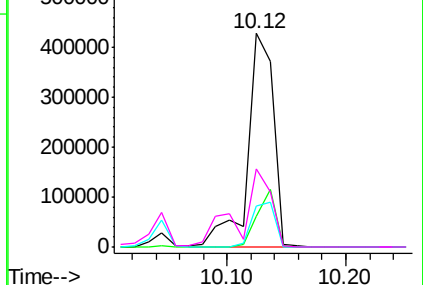


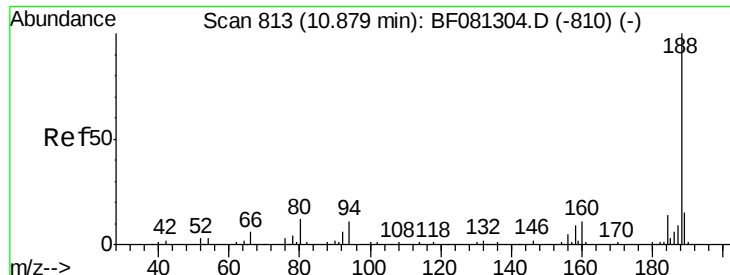
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

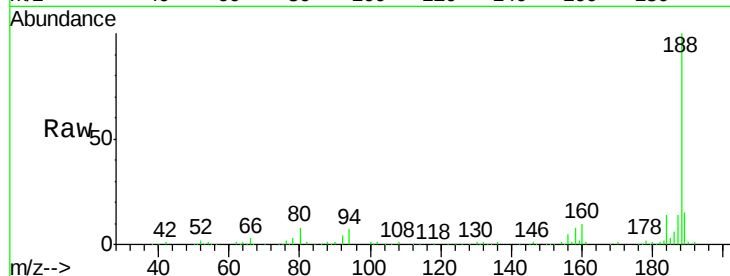




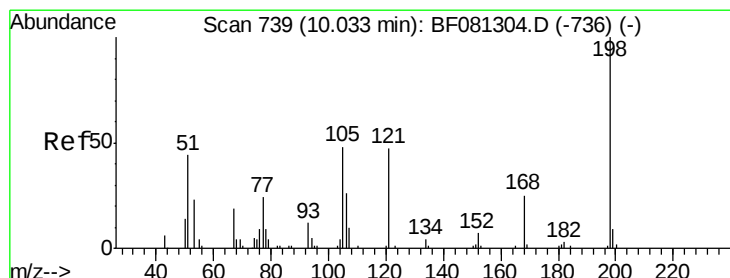
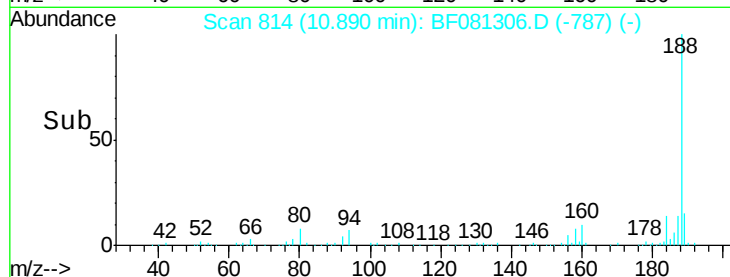
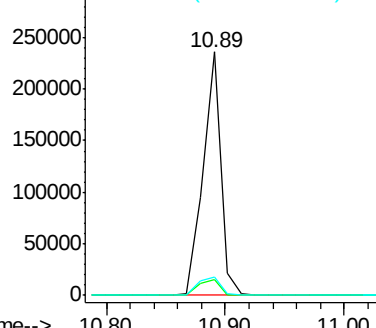
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 244774
Ion Ratio Lower Upper
188 100
94 6.7 11.1 16.7#
80 7.7 11.0 16.4#

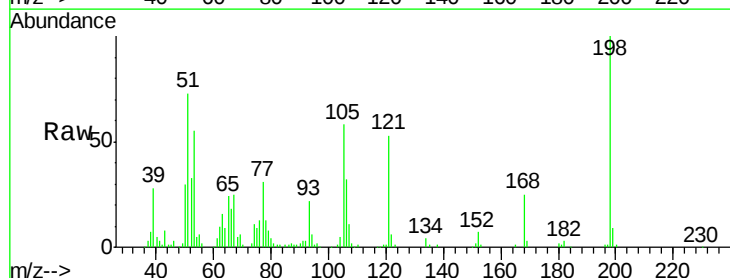


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

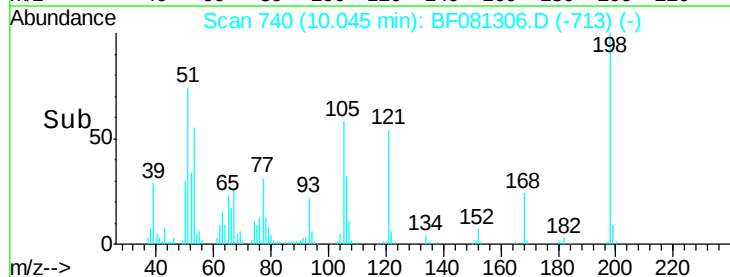
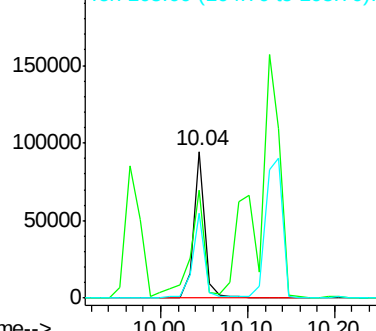


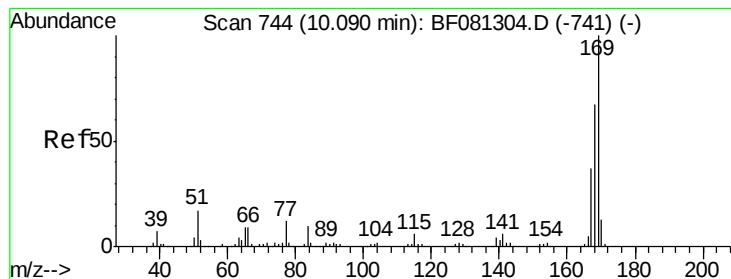
#64
4,6-Dinitro-2-methylphenol
Concen: 66.29 ng
RT: 10.04 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:198 Resp: 87432
Ion Ratio Lower Upper
198 100
51 73.3 39.6 79.6
105 57.8 28.5 68.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

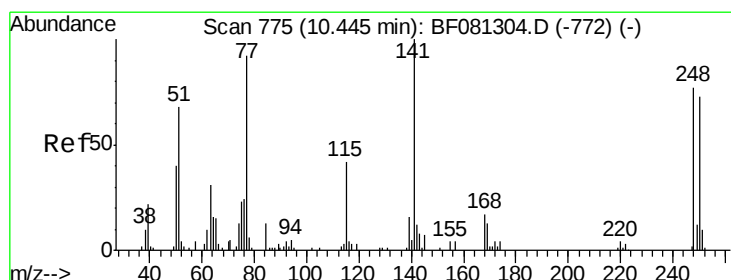
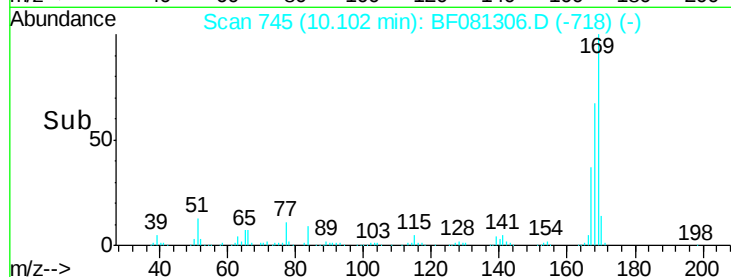
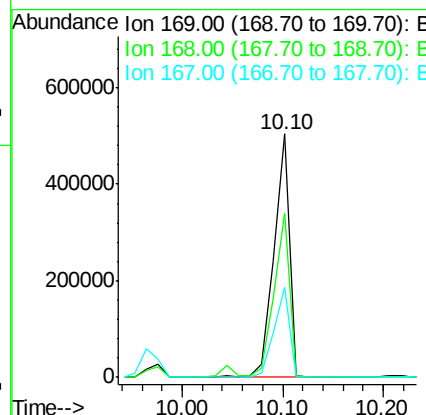
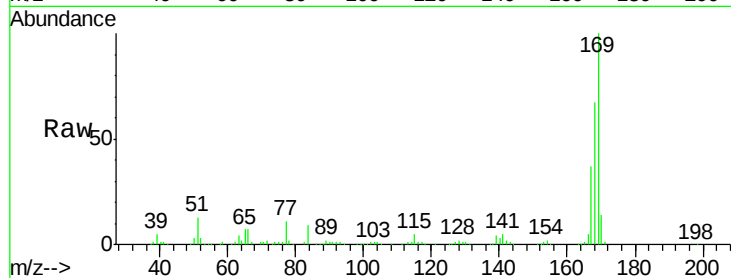




#65
 n-Nitrosodiphenylamine
 Concen: 60.30 ng
 RT: 10.10 min Scan# 745
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

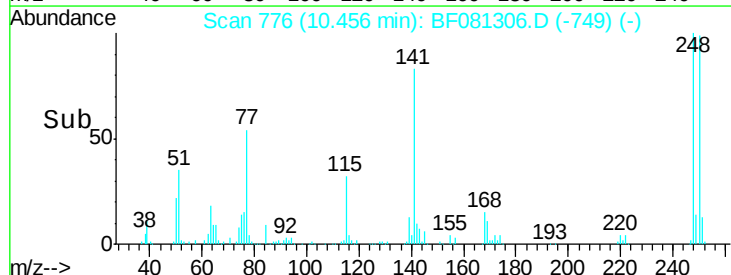
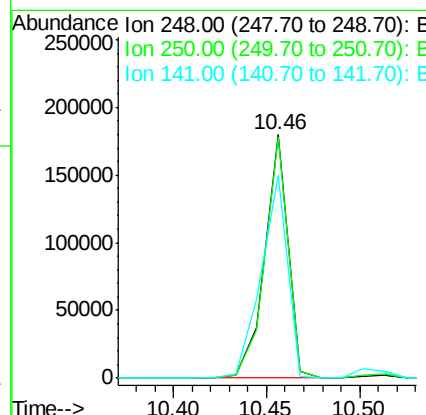
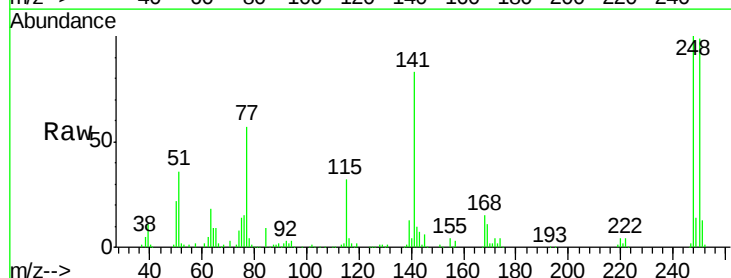
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.4	48.9	73.3
167	37.2	26.2	39.4



#66
 4-Bromophenyl-phenylether
 Concen: 62.71 ng
 RT: 10.46 min Scan# 776
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.5	117.7
141	83.2	59.0	88.6





#67

Hexachlorobenzene

Concen: 62.58 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

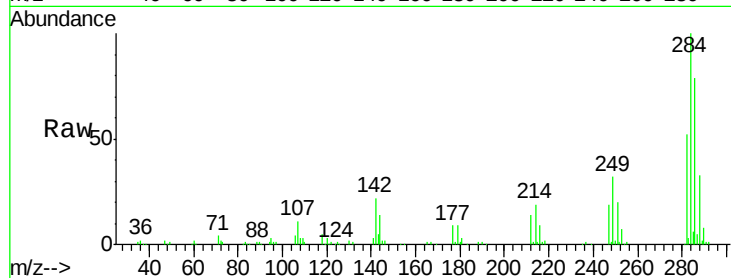
Tot Ion:284 Resp: 161259

Ion Ratio Lower Upper

284 100

142 22.0 29.5 44.3#

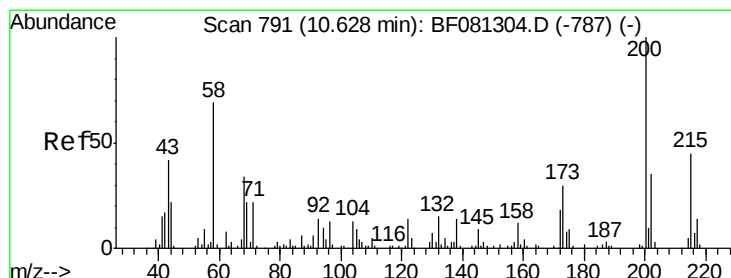
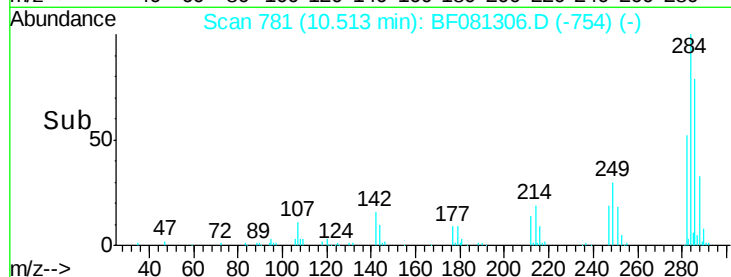
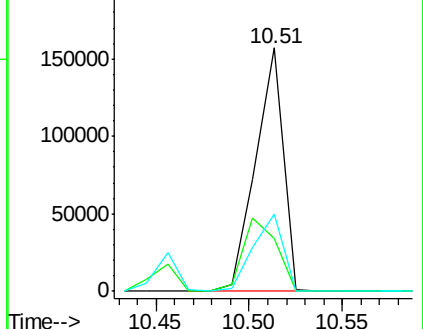
249 31.5 19.5 29.3#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 62.26 ng

RT: 10.64 min Scan# 792

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

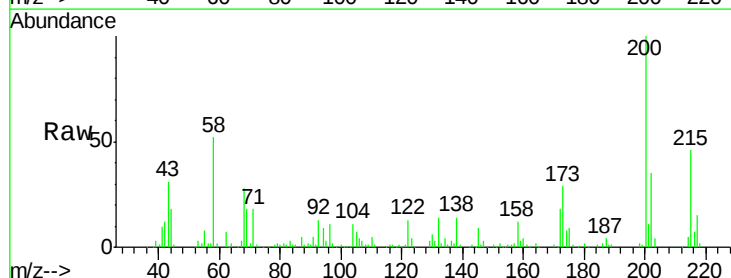
Tgt Ion:200 Resp: 159372

Ion Ratio Lower Upper

200 100

173 29.1 13.2 53.2

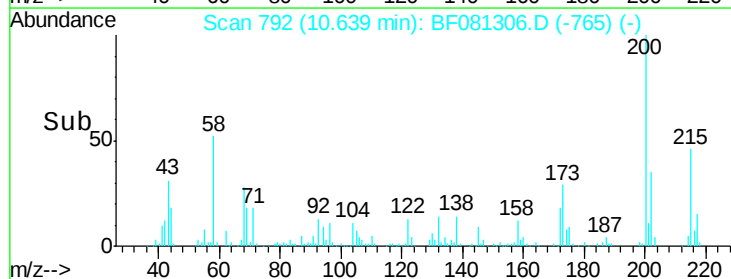
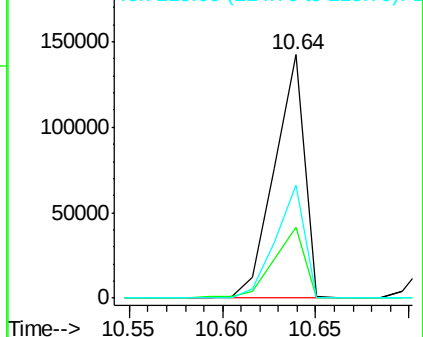
215 46.4 41.8 81.8

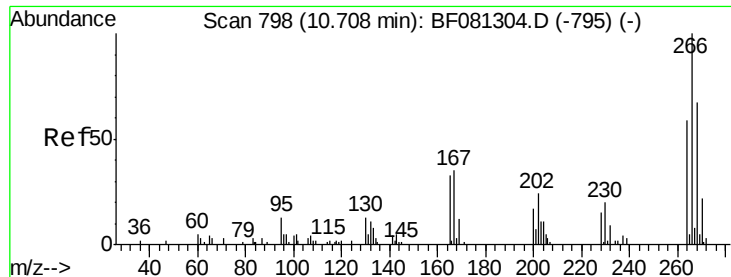


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

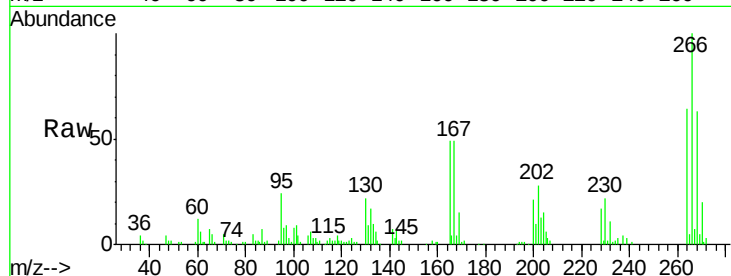




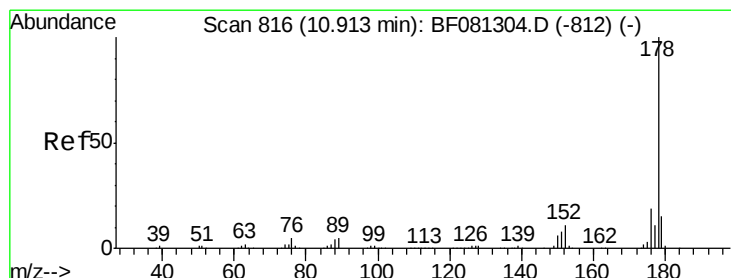
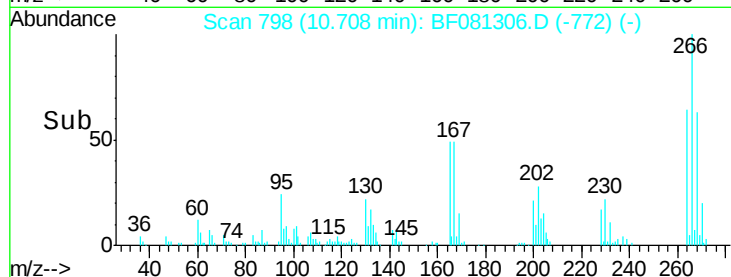
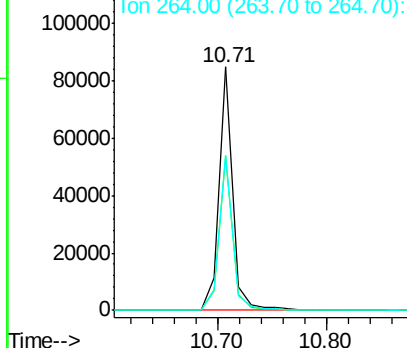
#69
 Pentachlorophenol
 Concen: 86.10 ng
 RT: 10.71 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 75425
 Ion Ratio Lower Upper
 266 100
 268 63.3 49.8 74.6
 264 63.7 50.2 75.2

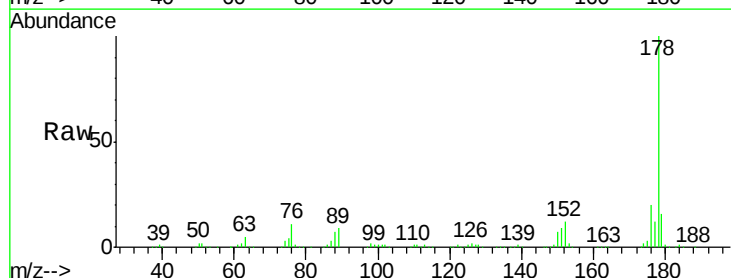


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

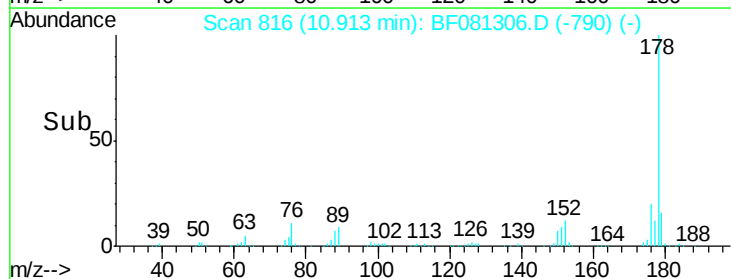
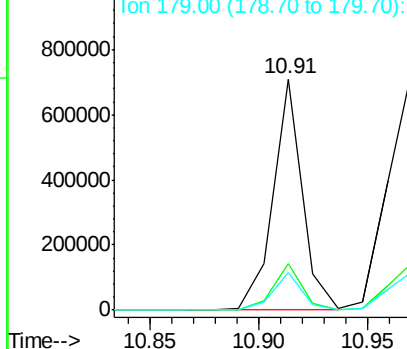


#70
 Phenanthrene
 Concen: 46.05 ng
 RT: 10.91 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:178 Resp: 668777
 Ion Ratio Lower Upper
 178 100
 176 19.9 13.8 20.8
 179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

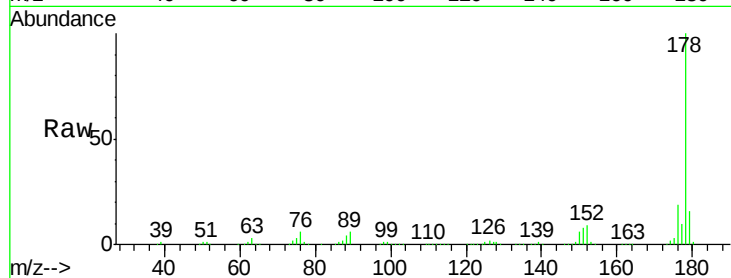




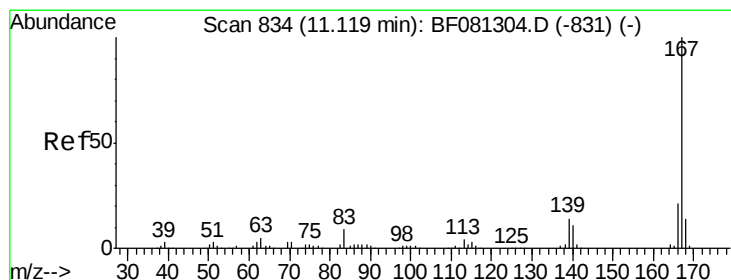
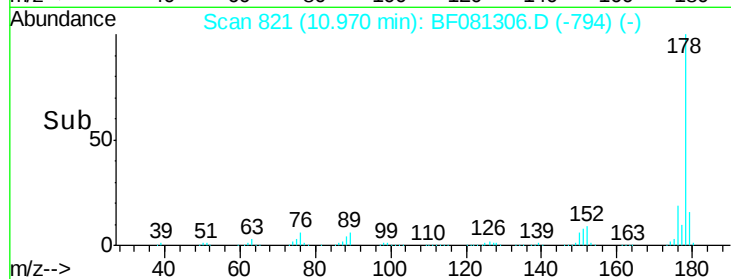
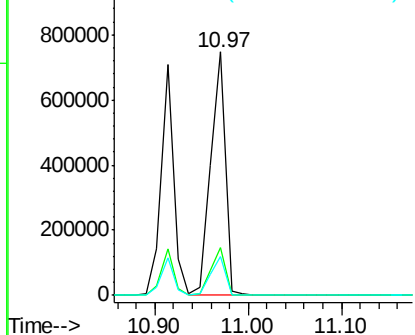
#71
 Anthracene
 Concen: 58.05 ng
 RT: 10.97 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 819079
 Ion Ratio Lower Upper
 178 100
 176 19.5 14.1 21.1
 179 15.7 12.2 18.2

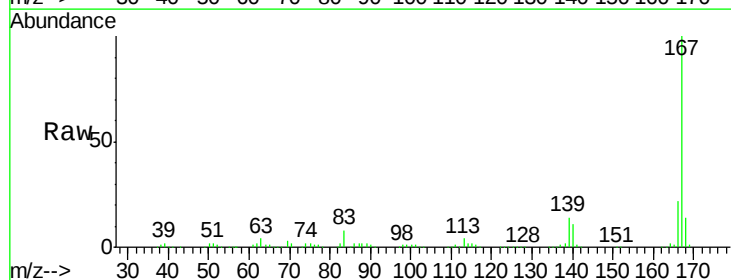


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

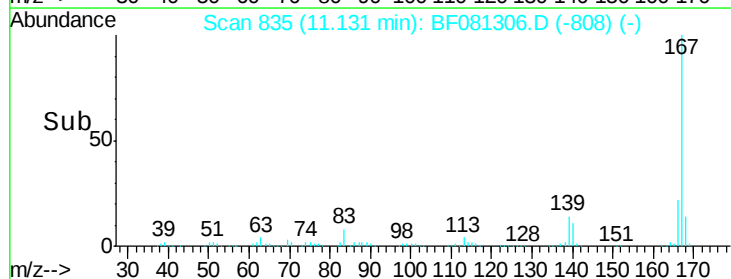
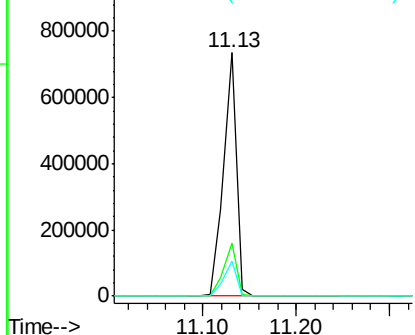


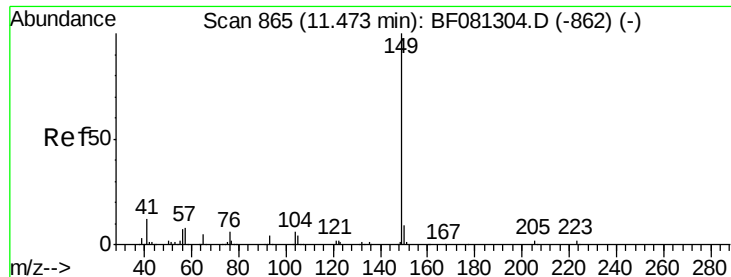
#72
 Carbazole
 Concen: 52.12 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:167 Resp: 705598
 Ion Ratio Lower Upper
 167 100
 166 22.0 15.7 23.5
 139 14.2 9.5 14.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 66.15 ng

RT: 11.48 min Scan# 866

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampled :

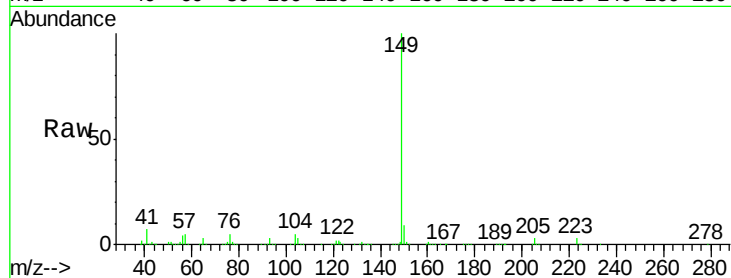
Tot Ion:149 Resp: 1005995

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

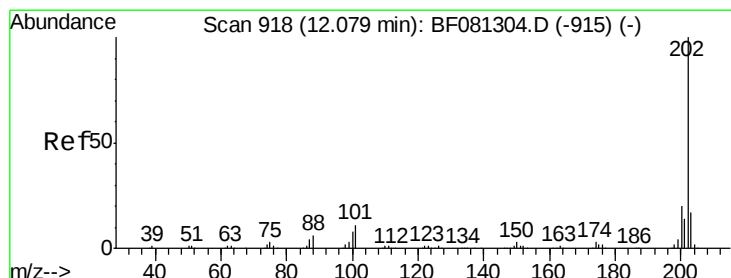
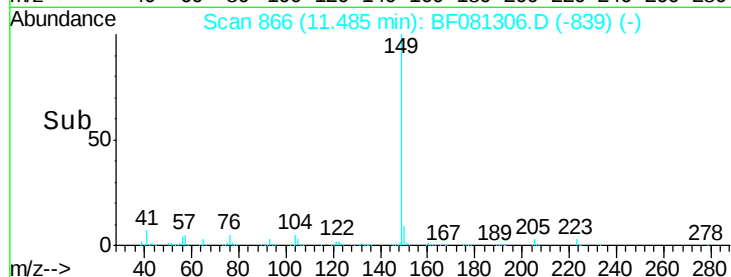
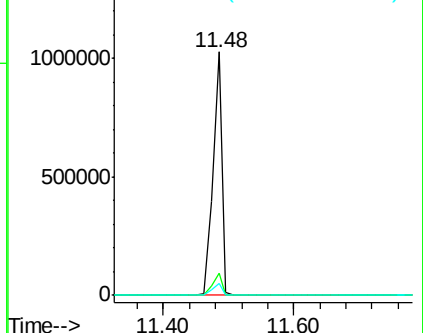
104 4.9 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 56.68 ng

RT: 12.09 min Scan# 919

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

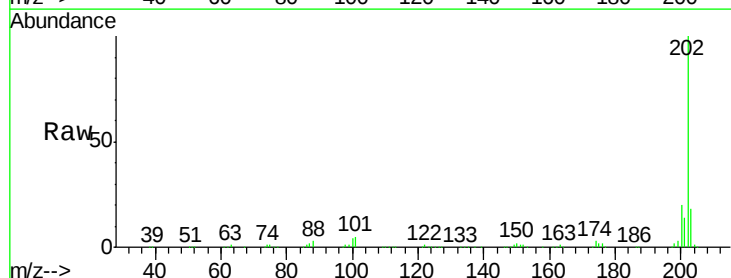
Tgt Ion:202 Resp: 842772

Ion Ratio Lower Upper

202 100

101 5.5 0.0 38.3

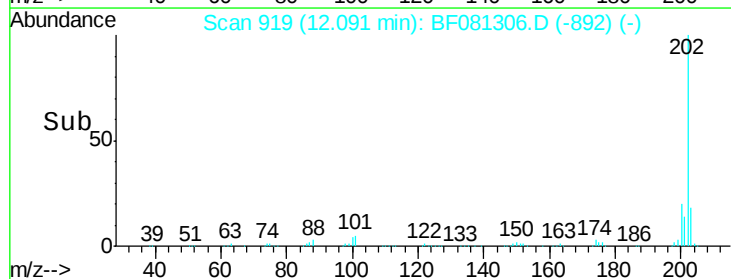
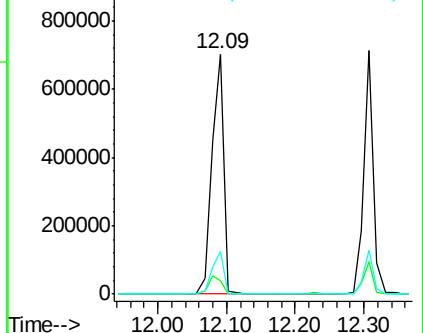
203 17.6 0.0 37.3

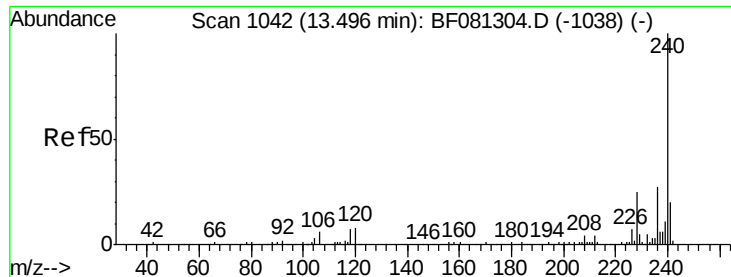


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

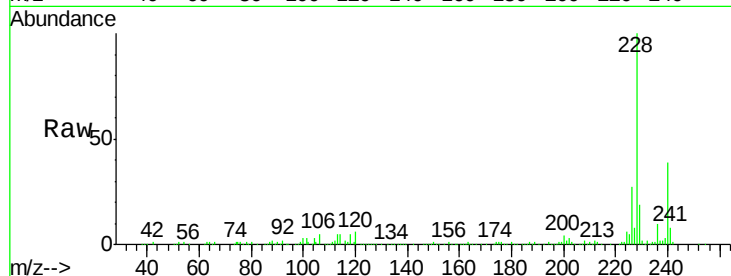




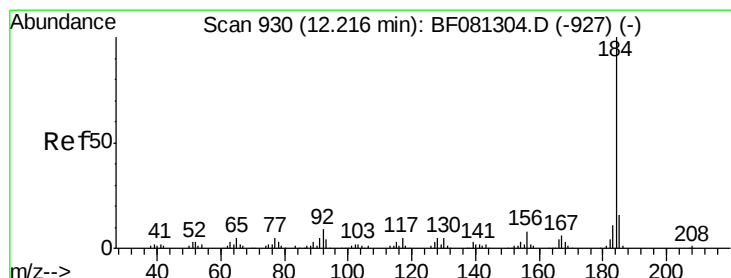
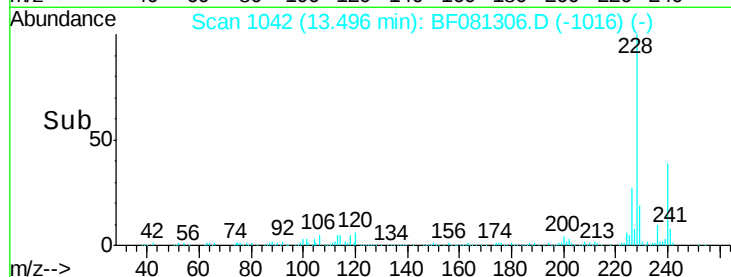
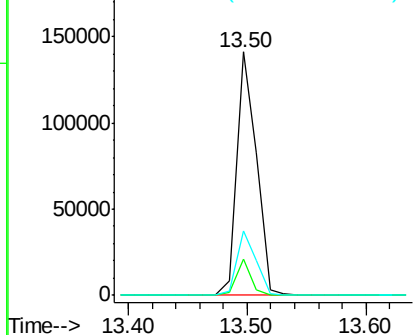
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.50 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 162905
 Ion Ratio Lower Upper
 240 100
 120 14.7 16.2 24.2#
 236 26.4 18.4 27.6

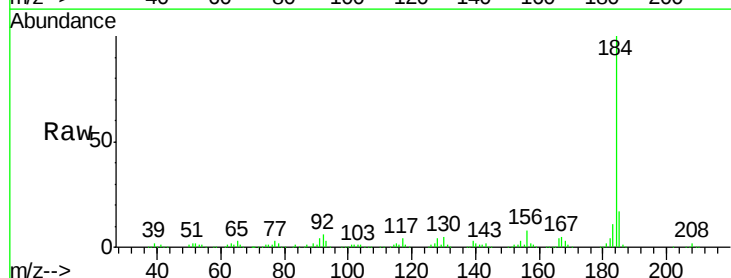


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

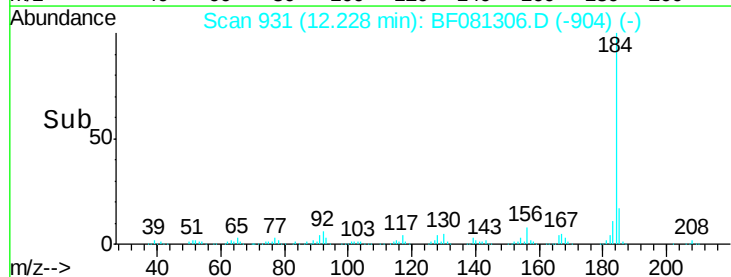
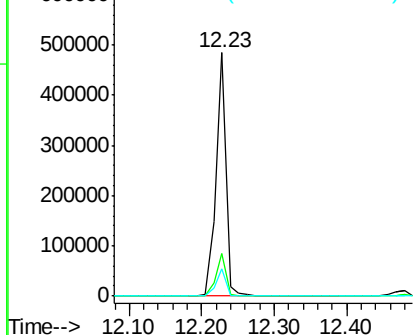


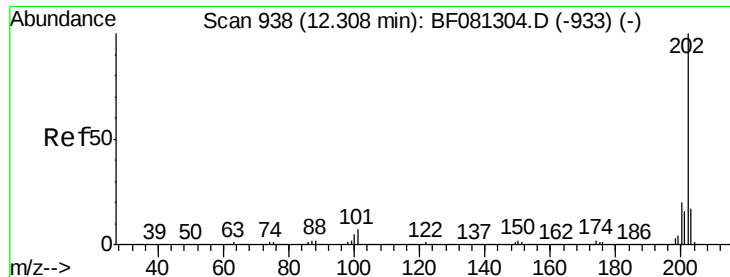
#76
 Benzidine
 Concen: 68.17 ng
 RT: 12.23 min Scan# 931
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:184 Resp: 461528
 Ion Ratio Lower Upper
 184 100
 185 17.3 11.8 17.6
 183 11.1 7.6 11.4



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E

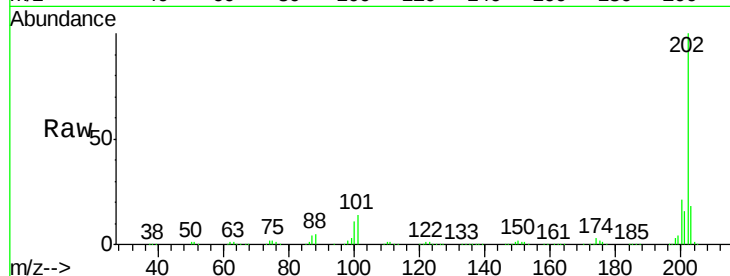




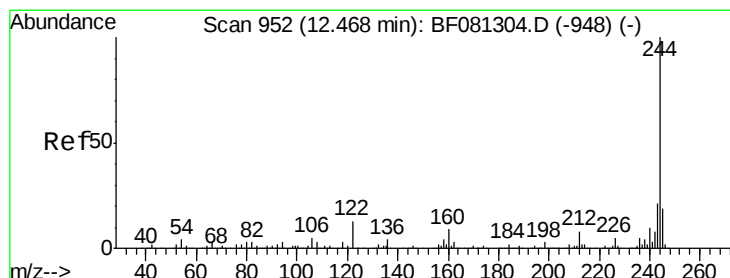
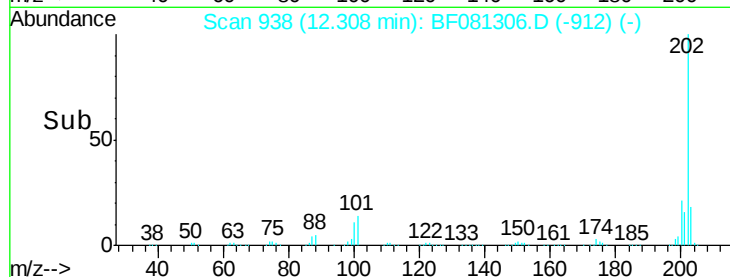
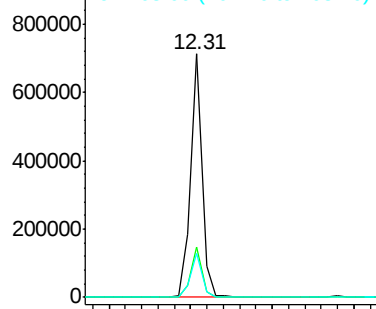
#77
Pvrene
Concen: 56.97 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 693439
Ion Ratio Lower Upper
202 100
200 20.5 15.0 22.4
203 18.2 14.1 21.1

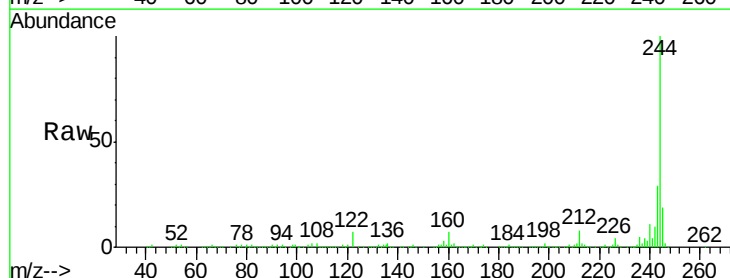


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

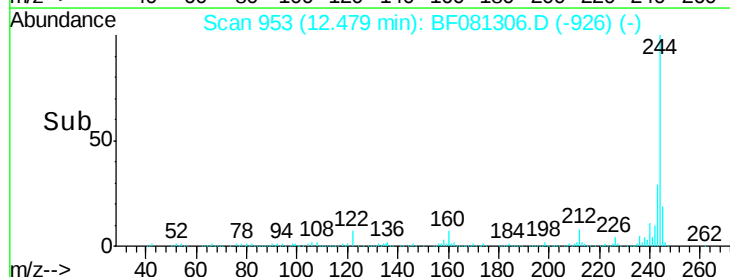
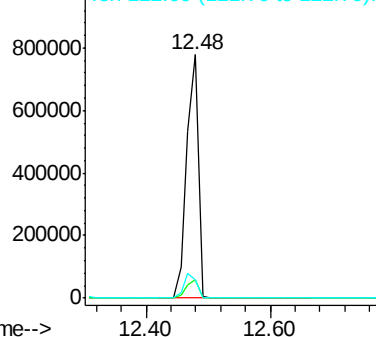


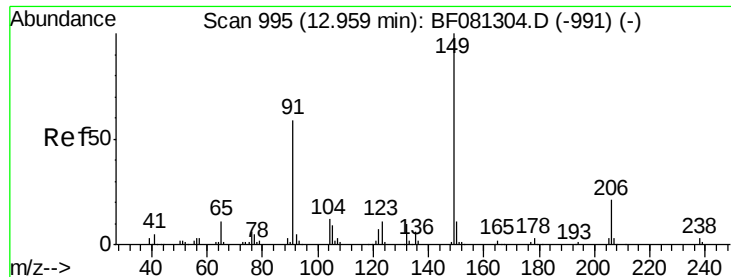
#78
Terphenyl-d14
Concen: 74.79 ng
RT: 12.48 min Scan# 953
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:244 Resp: 981824
Ion Ratio Lower Upper
244 100
212 7.7 4.3 6.5#
122 7.4 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

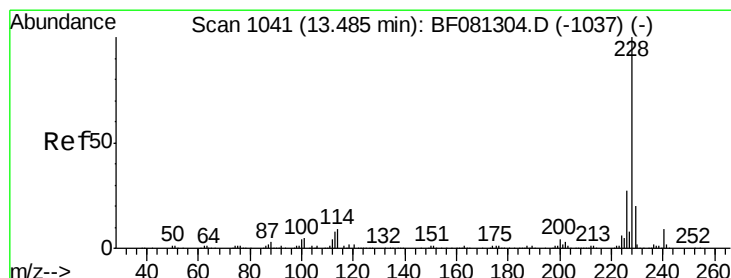
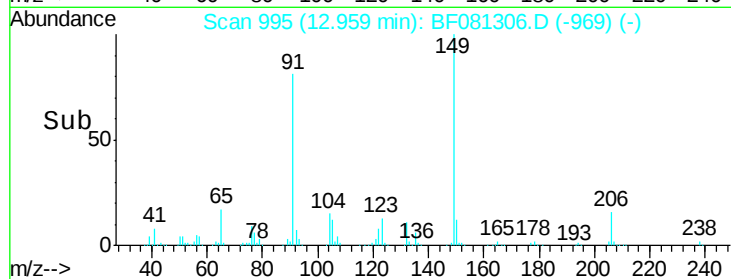
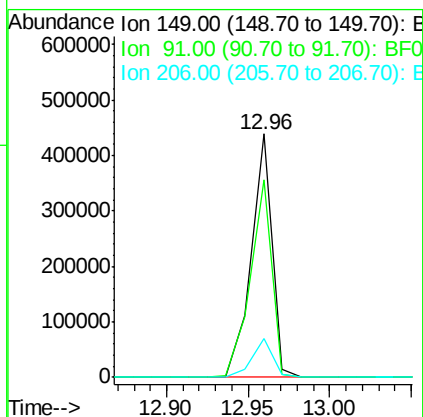
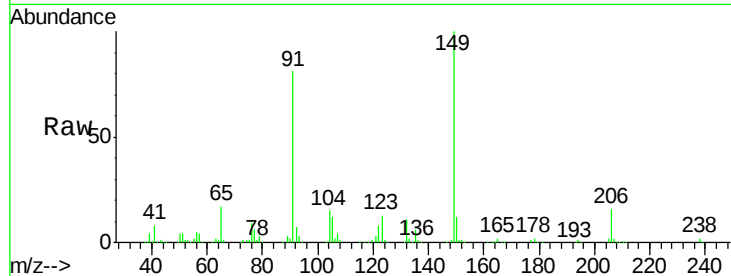




#79
Butylbenzylphthalate
Concen: 80.74 ng
RT: 12.96 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

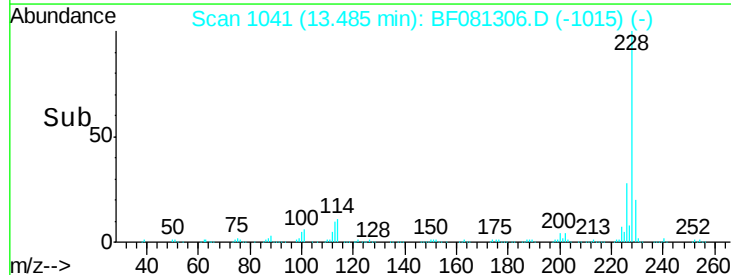
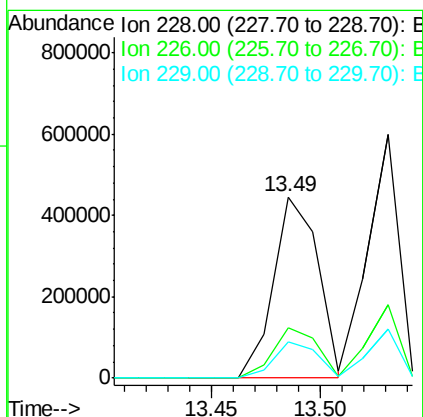
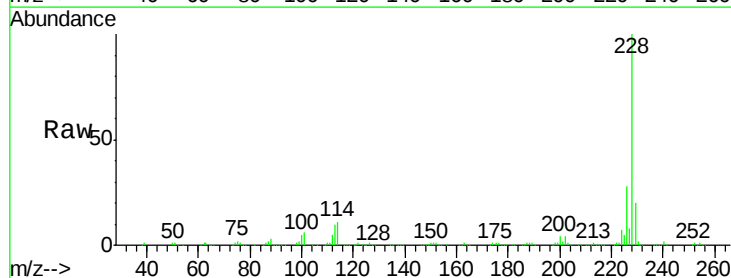
Instrument :
BNA_F
ClientSampled :

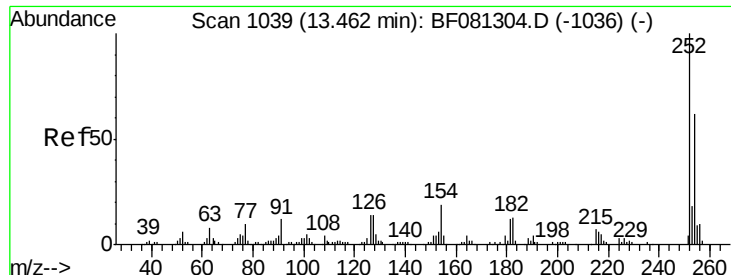
Tot Ion	Ratio	Lower	Upper
149	100		
91	81.0	48.6	72.8#
206	15.9	14.9	22.3



#80
Benzo(a)anthracene
Concen: 62.75 ng
RT: 13.49 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	20.0	30.0
229	20.4	15.4	23.2

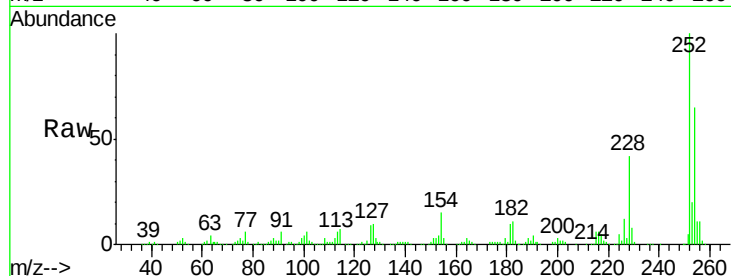




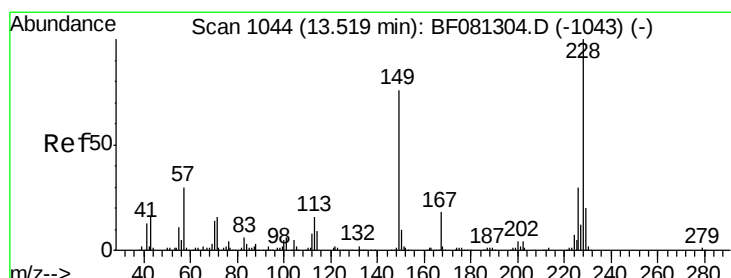
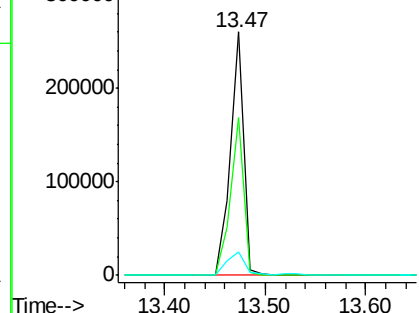
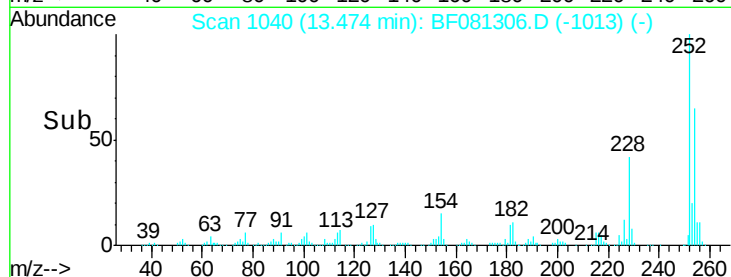
#81
 3,3'-Dichlorobenzidine
 Concen: 72.96 ng
 RT: 13.47 min Scan# 1040
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	51.4	77.2
126	9.4	16.4	24.6

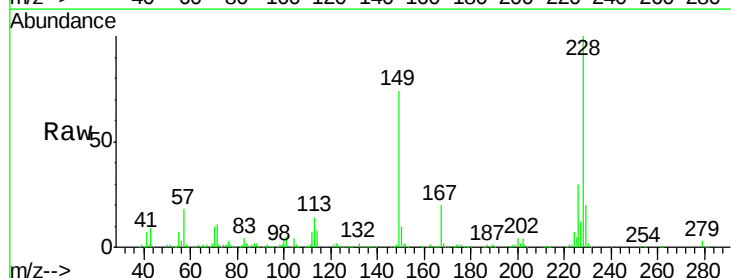


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

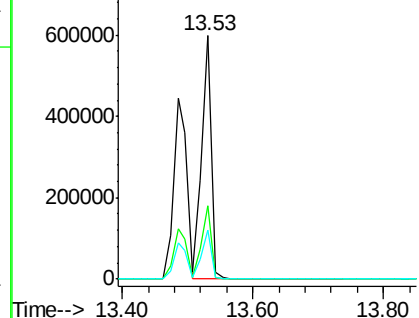
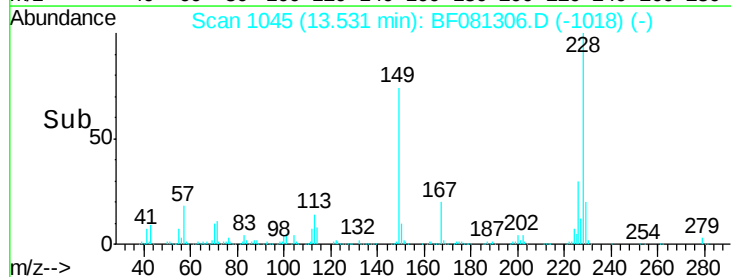


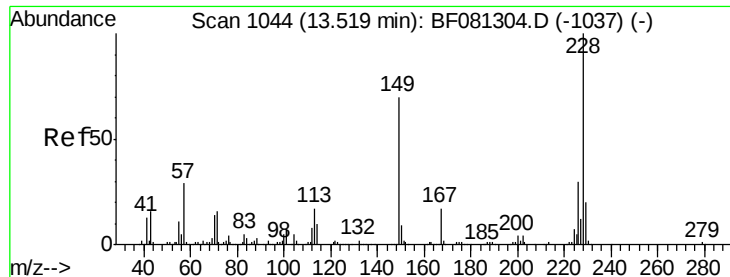
#82
 Chrysene
 Concen: 66.89 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	21.0	31.4
229	20.0	15.6	23.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

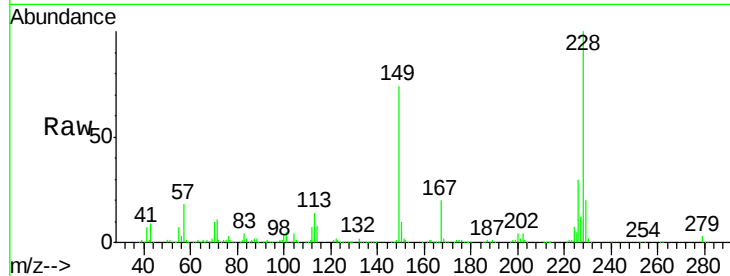




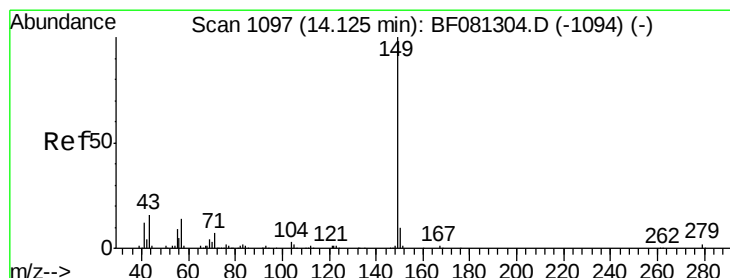
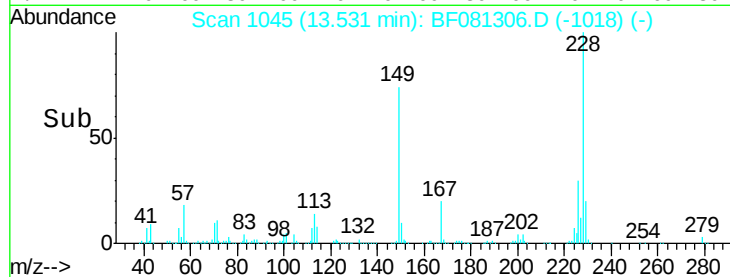
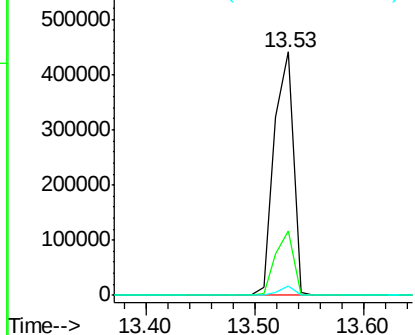
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 84.80 ng
 RT: 13.53 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 541854
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.2 36.2
 279 3.6 3.8 5.6#

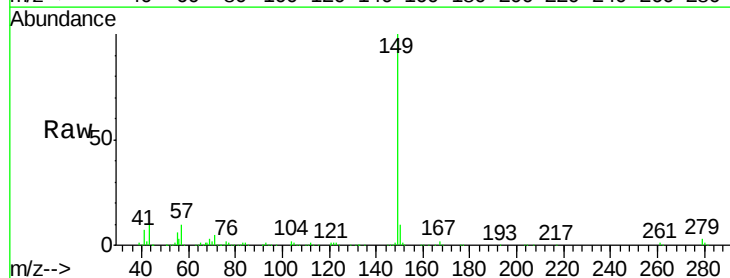


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

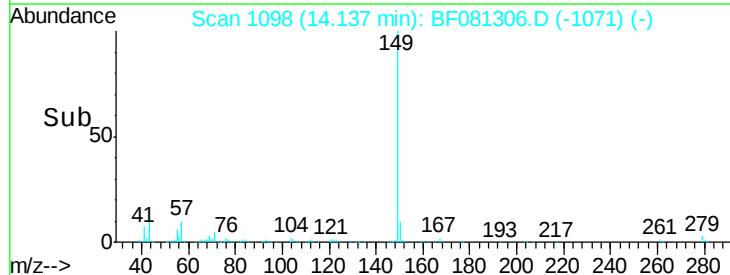
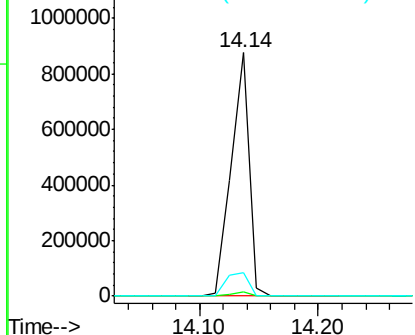


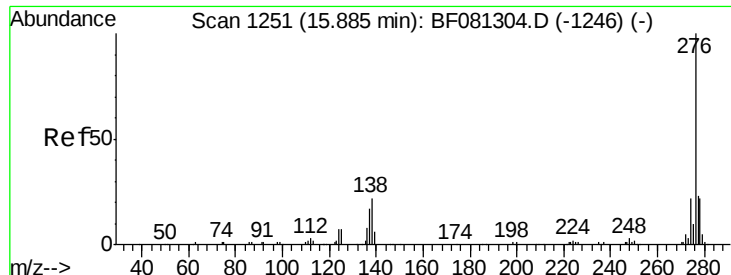
#84
 Di-n-octyl phthalate
 Concen: 87.94 ng
 RT: 14.14 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Tgt Ion:149 Resp: 915484
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.0 1.6
 43 12.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

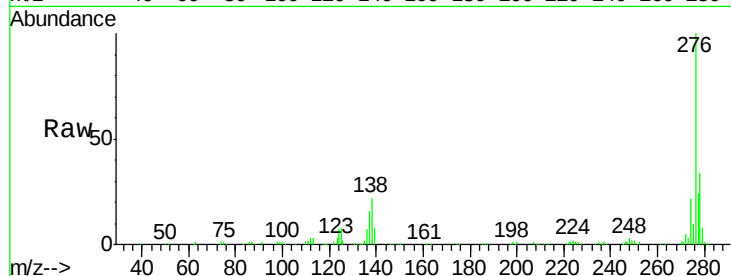




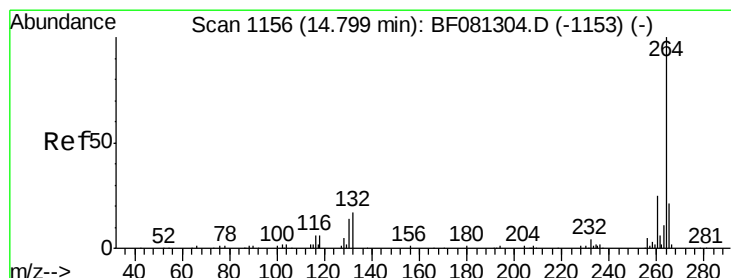
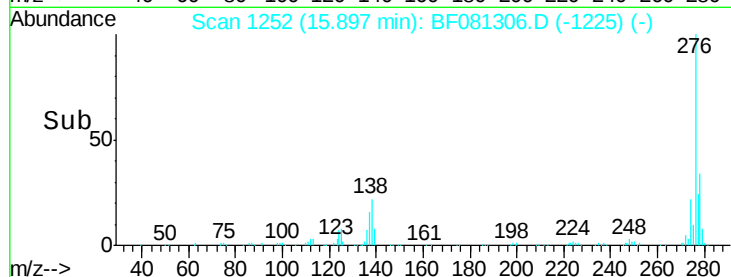
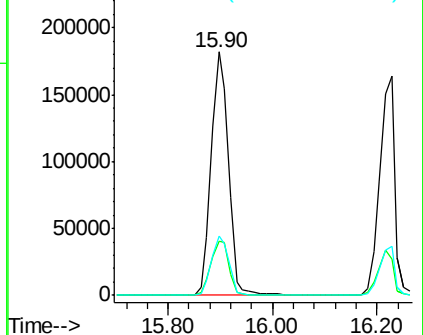
#85
Indeno(1,2,3-cd)pyrene
Concen: 62.95 ng
RT: 15.90 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:276 Resp: 419545
Ion Ratio Lower Upper
276 100
138 23.4 25.7 38.5#
277 24.6 15.6 23.4#

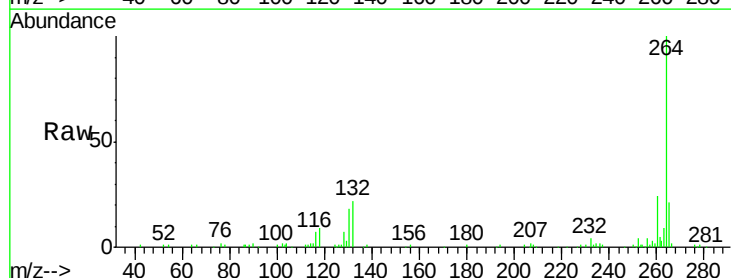


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

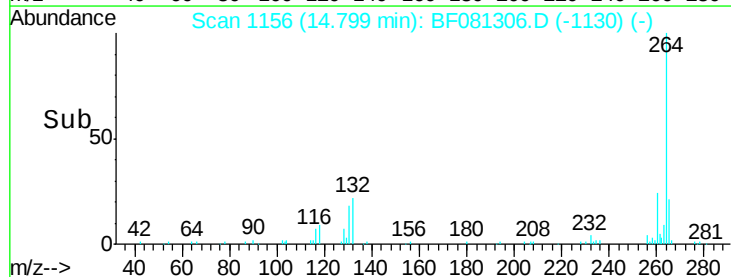
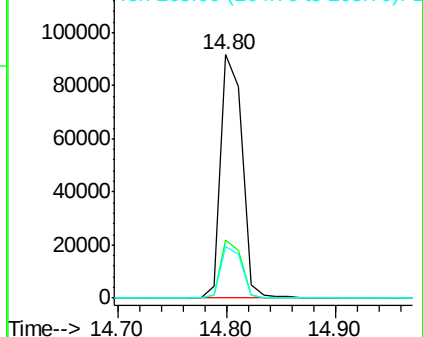


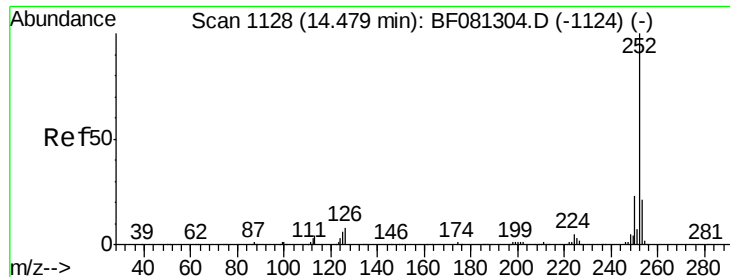
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.80 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:264 Resp: 126189
Ion Ratio Lower Upper
264 100
260 23.9 16.7 25.1
265 21.1 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

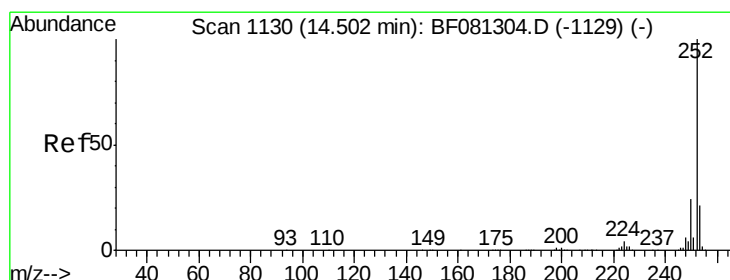
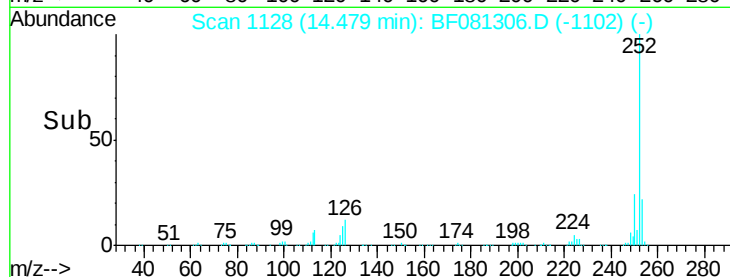
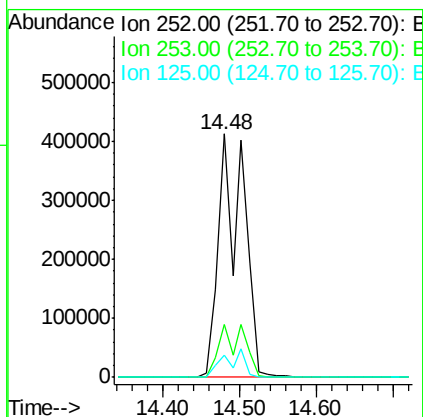
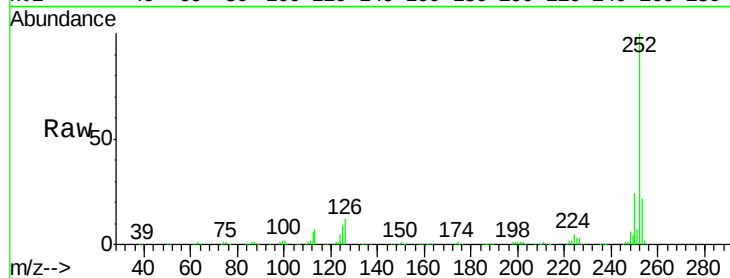




#87
Benzo(b)fluoranthene
Concen: 100.61 ng
RT: 14.48 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

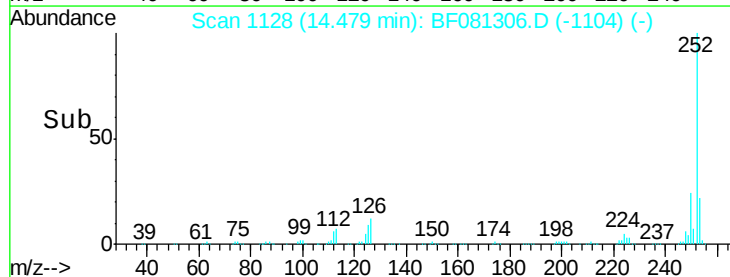
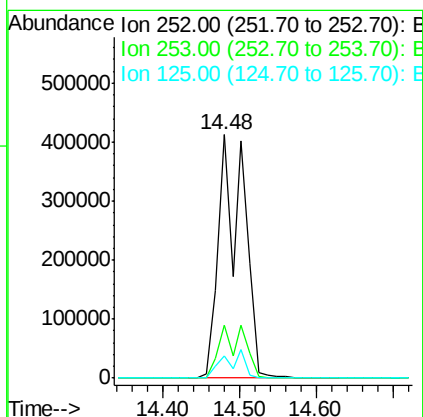
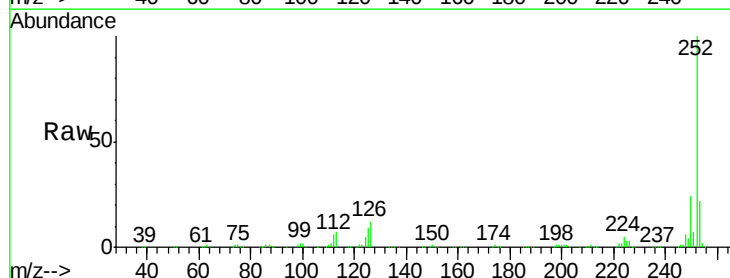
Instrument :
BNA_F
ClientSampled :

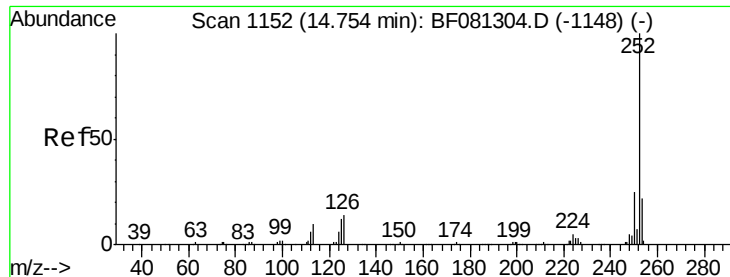
Tot Ion:252 Resp: 931932
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.3 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 122.15 ng
RT: 14.48 min Scan# 1128
Delta R.T. -0.02 min
Lab File: BF081306.D
Acq: 1 Sep 2015 16:15

Tgt Ion:252 Resp: 931932
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 9.3 16.0 24.0#





#89

Benzo(a)pyrene

Concen: 61.39 ng

RT: 14.77 min Scan# 1153

Delta R.T. 0.01 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

Instrument :

BNA_F

ClientSampleId :

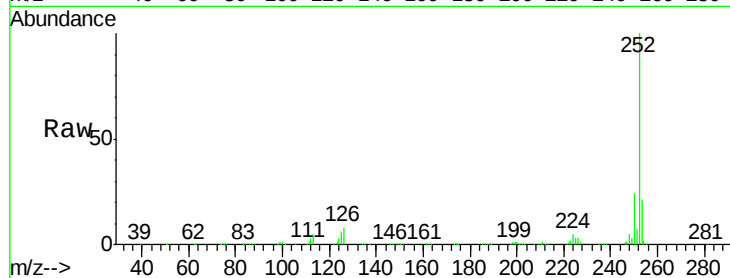
Tot Ion:252 Resp: 465191

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

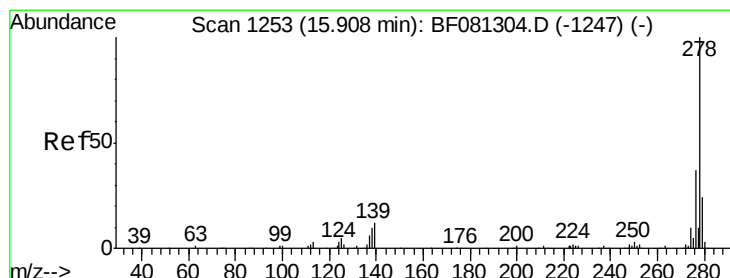
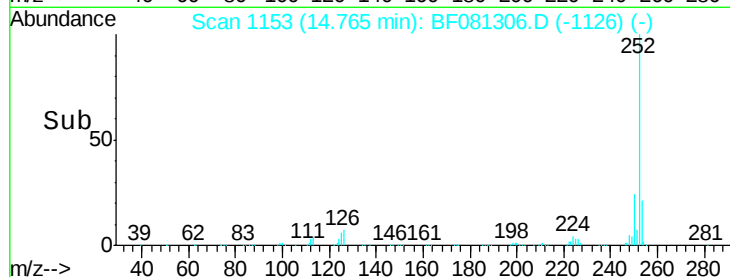
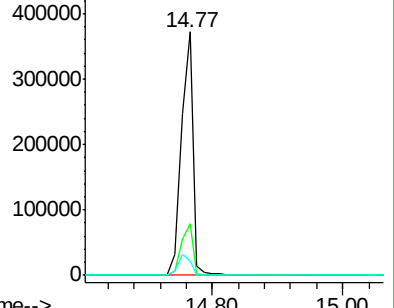
125 6.1 18.0 27.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 60.69 ng

RT: 15.91 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BF081306.D

Acq: 1 Sep 2015 16:15

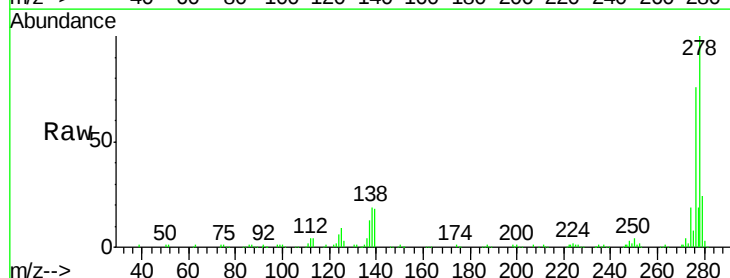
Tgt Ion:278 Resp: 353432

Ion Ratio Lower Upper

278 100

139 18.1 26.3 39.5#

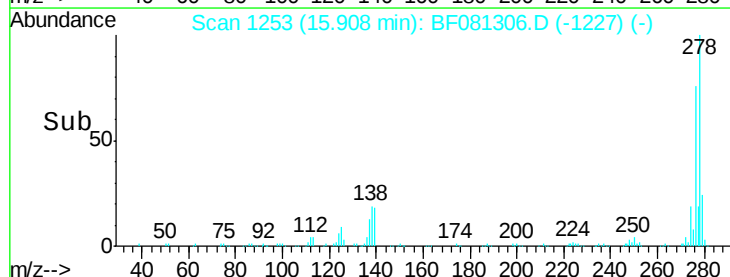
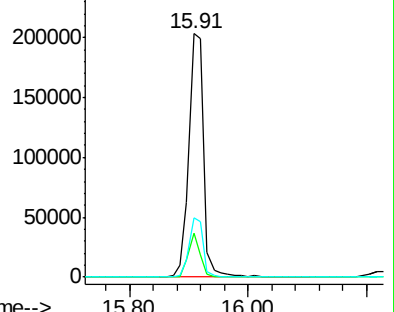
279 24.2 18.2 27.4

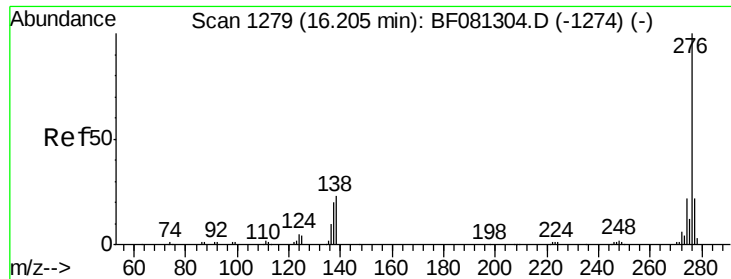


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

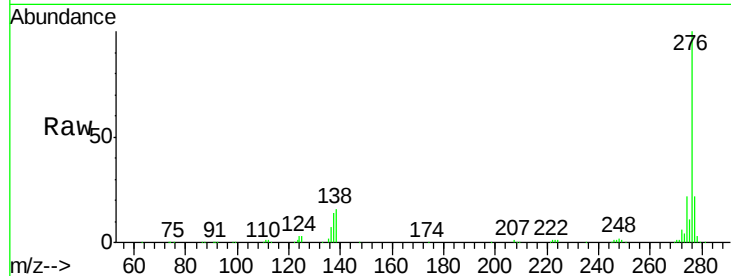




#91
 Benzo(a,h,i)perylene
 Concen: 59.63 ng
 RT: 16.23 min Scan# 1281
 Delta R.T. 0.02 min
 Lab File: BF081306.D
 Acq: 1 Sep 2015 16:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 332626
 Ion Ratio Lower Upper
 276 100
 277 22.4 17.8 26.6
 138 16.3 34.6 51.8#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

