

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080226.D
 Acq On : 30 Jun 2015 2:44
 Operator : TP/IZ
 Sample : G2819-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Quant Time: Jun 30 04:39:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 23 00:53:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	28529	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	111117	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	56509	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	112114	20.00	ng	-0.05
75) Chrysene-d12	14.77	240	124371	20.00	ng	-0.23
86) Perylene-d12	16.61	264	124571	20.00	ng	-0.32

System Monitoring Compounds

5) 2-Fluorophenol	5.91	112	264971	164.41	ng	-0.02
7) Phenol-d6	6.90	99	380654	177.49	ng	-0.02
23) Nitrobenzene-d5	7.85	82	232316	121.71	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	88076	159.39	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	406917	102.69	ng	-0.03
78) Terphenyl-d14	13.52	244	475680	89.32	ng	-0.15

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.14	88	30969	40.43	ng	87
3) Pyridine	3.97	79	103720	50.91	ng	# 81
4) n-Nitrosodimethylamine	3.88	42	50338	51.99	ng	99
6) Aniline	6.95	93	138632	46.98	ng	94
8) 2-Chlorophenol	7.08	128	103170	55.39	ng	87
9) Benzaldehyde	6.84	77	47052	38.00	ng	# 71
10) Phenol	6.92	94	149417	63.84	ng	76
11) bis(2-Chloroethyl)ether	7.02	93	95536	51.45	ng	87
12) 1,3-Dichlorobenzene	7.24	146	114086	50.98	ng	# 91
13) 1,4-Dichlorobenzene	7.32	146	120092	56.43	ng	96
14) 1,2-Dichlorobenzene	7.32	146	120092	57.99	ng	99
15) Benzyl Alcohol	7.42	79	90663	51.70	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	7.56	45	162570	58.98	ng	90
17) 2-Methylphenol	7.53	107	84420	53.06	ng	# 88
18) Hexachloroethane	7.82	117	38322	54.08	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	77696	52.18	ng	# 76
20) 3+4-Methylphenols	7.68	107	116378	56.68	ng	89
22) Acetophenone	7.69	105	141603	54.68	ng	# 81
24) Nitrobenzene	7.88	77	110490	56.08	ng	# 77
25) Isophorone	8.10	82	194853	50.73	ng	# 82
26) 2-Nitrophenol	8.20	139	54000	65.49	ng	# 74
27) 2,4-Dimethylphenol	8.22	122	102822	59.80	ng	# 82
28) bis(2-Chloroethoxy)methane	8.31	93	120673	53.47	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	94915	64.46	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	103556	61.93	ng	98
31) Naphthalene	8.61	128	314235	54.09	ng	98
32) Benzoic acid	8.22	122	102822	98.90	ng	# 28
33) 4-Chloroaniline	8.64	127	97879	39.37	ng	# 83
34) Hexachlorobutadiene	8.73	225	53318	51.78	ng	96
35) Caprolactam	8.98	113	26210	54.84	ng	94
36) 4-Chloro-3-methylphenol	9.12	107	90695	54.60	ng	92
37) 2-Methylnaphthalene	9.30	142	217509	57.88	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	101314	61.61	ng	97
40) Hexachlorocyclopentadiene	9.46	237	58036	69.48	ng	98

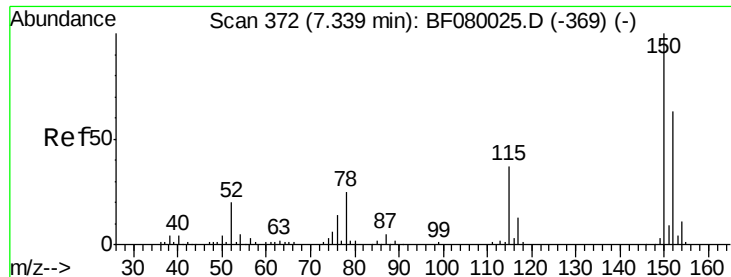
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	63868	57.08	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	62247	48.29	ng	# 87
45) 1,1'-Biphenyl	9.76	154	238307	51.83	ng	91
46) 2-Chloronaphthalene	9.80	162	203405	54.53	ng	94
47) 2-Nitroaniline	9.88	65	53292	52.04	ng	# 57
48) Acenaphthylene	10.22	152	343858	55.23	ng	97
49) Dimethylphthalate	10.06	163	293373	69.05	ng	# 97
50) 2,6-Dinitrotoluene	10.12	165	44817	52.62	ng	# 41
51) Acenaphthene	10.39	154	185013	48.57	ng	89
52) 3-Nitroaniline	10.29	138	49304	50.17	ng	# 45
53) 2,4-Dinitrophenol	10.40	184	3482	15.14	ng	# 1
54) Dibenzofuran	10.56	168	287222	53.14	ng	# 89
55) 4-Nitrophenol	10.44	139	58340	74.28	ng	# 33
56) 2,4-Dinitrotoluene	10.53	165	66055	61.12	ng	# 84
57) Fluorene	10.92	166	221465	51.64	ng	92
58) 2,3,4,6-Tetrachlorophenol	10.68	232	47316	43.48	ng	# 99
59) Diethylphthalate	10.76	149	208776	48.80	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	108477	52.63	ng	# 88
61) 4-Nitroaniline	10.90	138	52340	51.57	ng	# 49
62) Azobenzene	11.05	77	217836	50.02	ng	86
64) 4,6-Dinitro-2-methylphenol	10.94	198	10820	24.36	ng	77
65) n-Nitrosodiphenylamine	11.01	169	193205	52.92	ng	91
66) 4-Bromophenyl-phenylether	11.40	248	64217	53.87	ng	# 85
67) Hexachlorobenzene	11.48	284	71737	54.15	ng	# 78
68) Atrazine	11.53	200	63247	54.83	ng	82
69) Pentachlorophenol	11.66	266	53571	71.35	ng	97
70) Phenanthrene	11.89	178	361048	53.19	ng	97
71) Anthracene	11.94	178	357069	54.63	ng	99
72) Carbazole	12.09	167	312536	50.09	ng	97
73) Di-n-butylphthalate	12.41	149	366062	50.78	ng	# 99
74) Fluoranthene	13.13	202	383369	53.03	ng	88
76) Benzidine	13.25	184	302558	87.03	ng	# 98
77) Pyrene	13.39	202	398892	52.09	ng	97
79) Butylbenzylphthalate	14.06	149	158977	51.70	ng	93
80) Benzo(a)anthracene	14.76	228	385912	50.93	ng	96
81) 3,3'-Dichlorobenzidine	14.70	252	143121	54.77	ng	# 96
82) Chrysene	14.80	228	362619	51.90	ng	95
83) Bis(2-ethylhexyl)phthalate	14.73	149	228046	46.92	ng	# 94
84) Di-n-octyl phthalate	15.51	149	390692	46.91	ng	94
85) Indeno(1,2,3-cd)pyrene	18.45	276	448133	50.86	ng	# 88
87) Benzo(b)fluoranthene	16.08	252	381298	50.56	ng	# 86
88) Benzo(k)fluoranthene	16.12	252	401532	52.28	ng	# 88
89) Benzo(a)pyrene	16.53	252	390399	54.50	ng	# 88
90) Dibenzo(a,h)anthracene	18.46	278	372710	50.84	ng	# 83
91) Benzo(g,h,i)perylene	19.00	276	374882	50.64	ng	# 78

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

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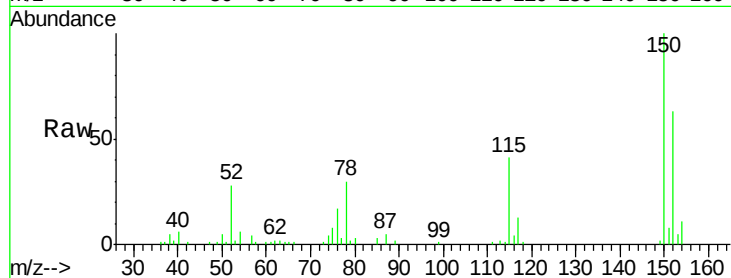
Tgt Ion:152 Resp: 28529

Ion Ratio Lower Upper

152 100

150 159.3 124.7 187.1

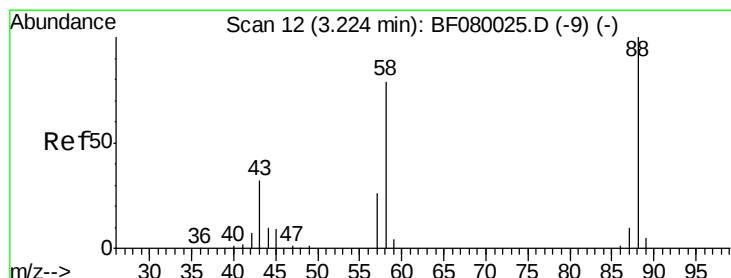
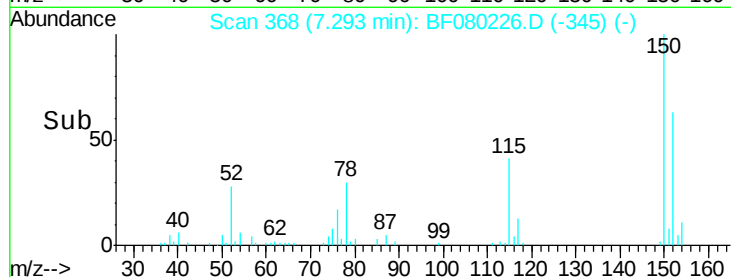
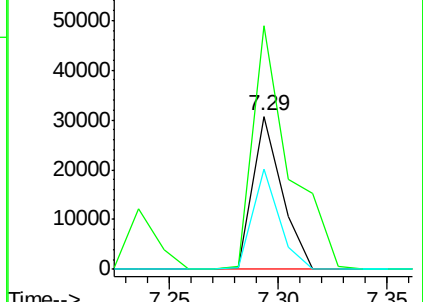
115 65.3 39.0 58.4#



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: 40.43 ng

RT: 3.14 min Scan# 5

Delta R.T. -0.05 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

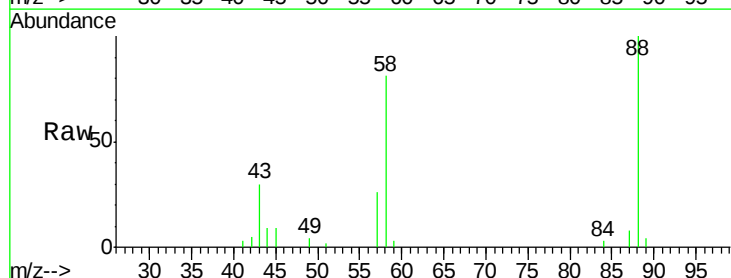
Tgt Ion: 88 Resp: 30969

Ion Ratio Lower Upper

88 100

58 81.0 77.7 116.5

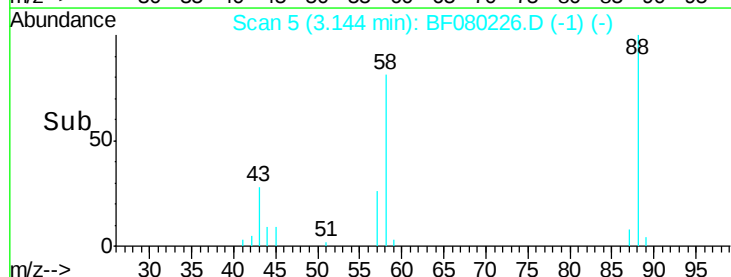
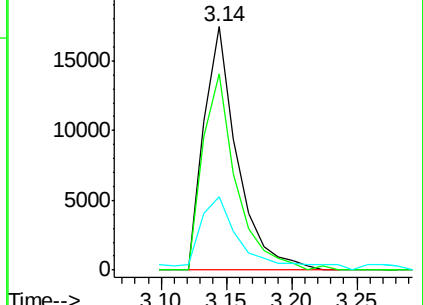
43 36.2 26.6 40.0

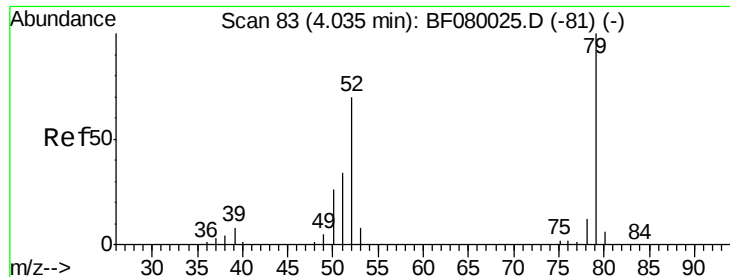


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 50.91 ng

RT: 3.97 min Scan# 77

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

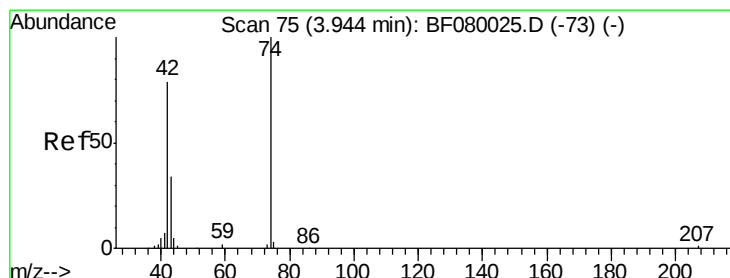
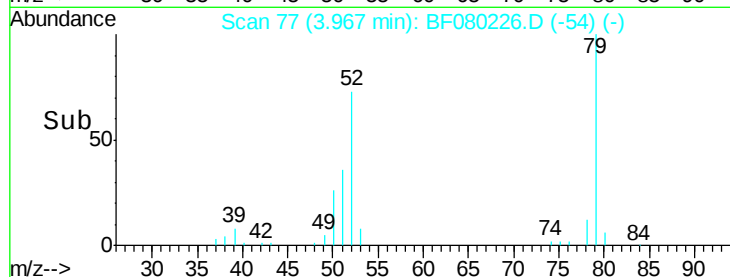
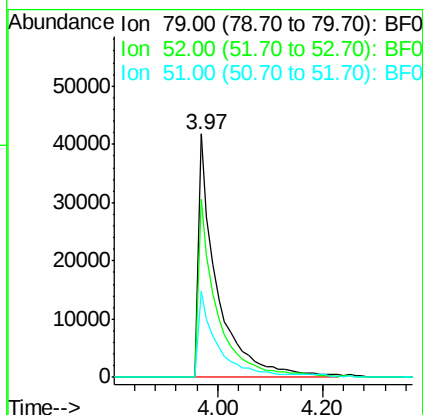
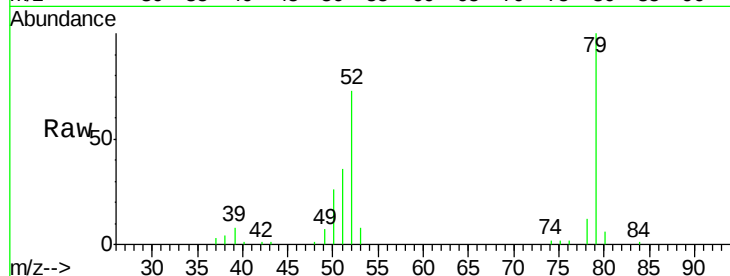
Tgt Ion: 79 Resp: 103720

Ion Ratio Lower Upper

79 100

52 73.3 76.8 115.2#

51 35.5 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 51.99 ng

RT: 3.88 min Scan# 69

Delta R.T. -0.05 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

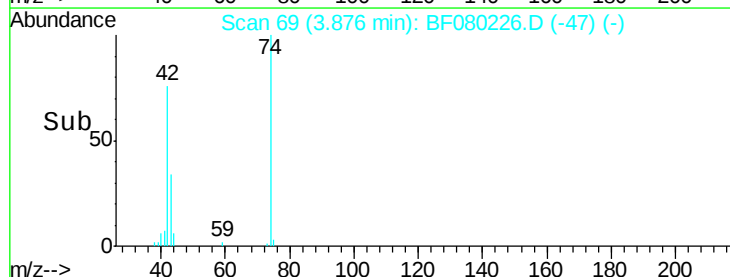
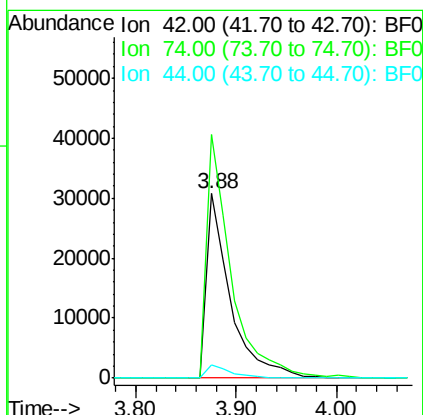
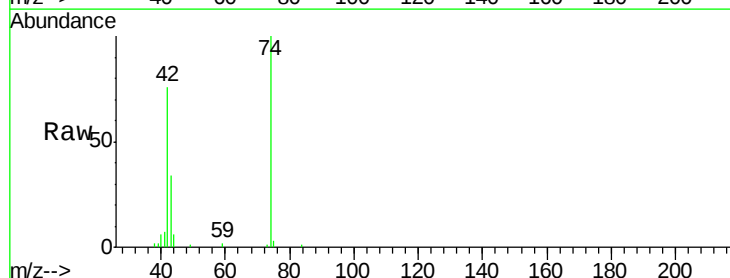
Tgt Ion: 42 Resp: 50338

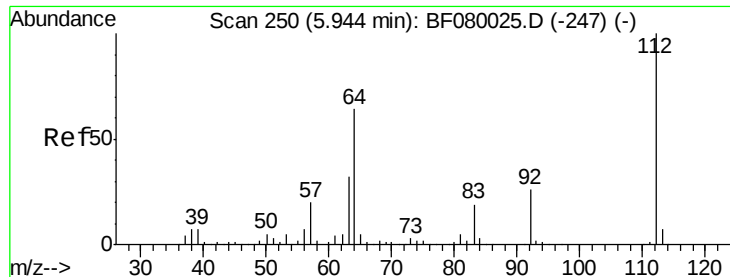
Ion Ratio Lower Upper

42 100

74 131.9 105.0 157.6

44 7.5 6.6 10.0

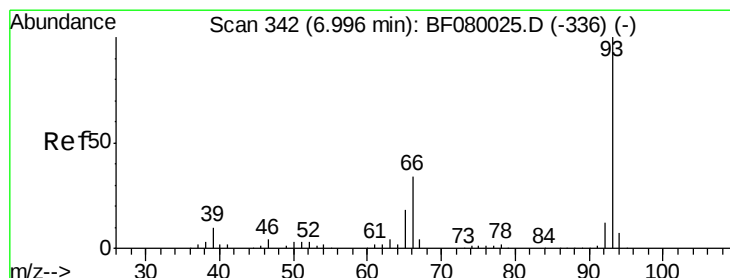
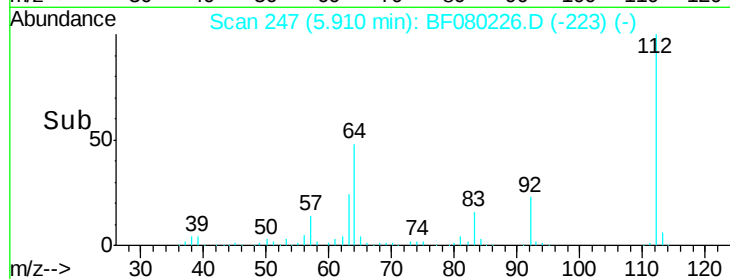
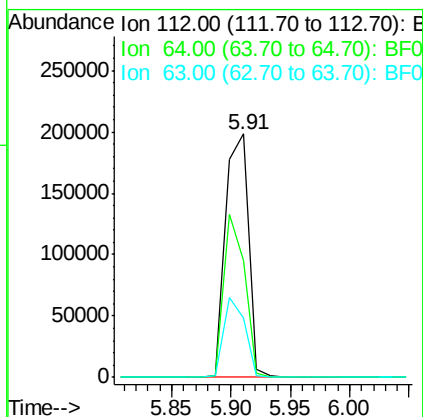
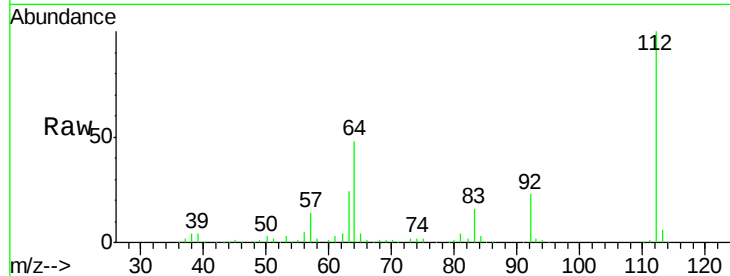




#5
 2-Fluorophenol
 Concen: 164.41 ng
 RT: 5.91 min Scan# 247
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

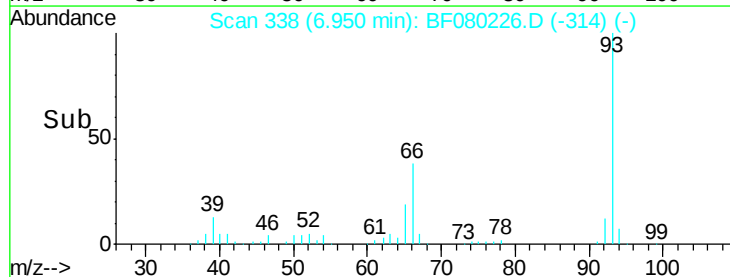
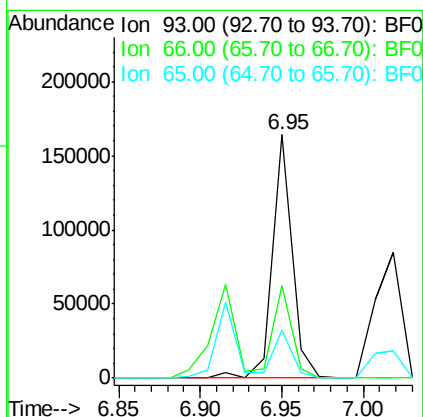
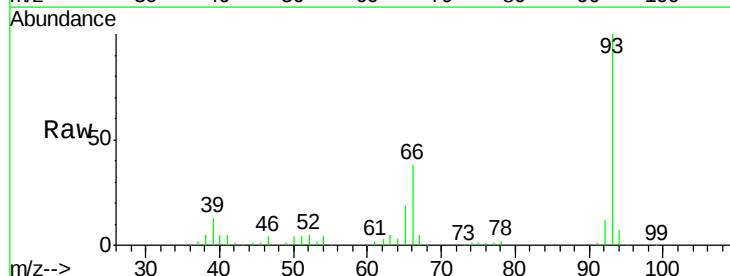
Instrument :
 BNA_F
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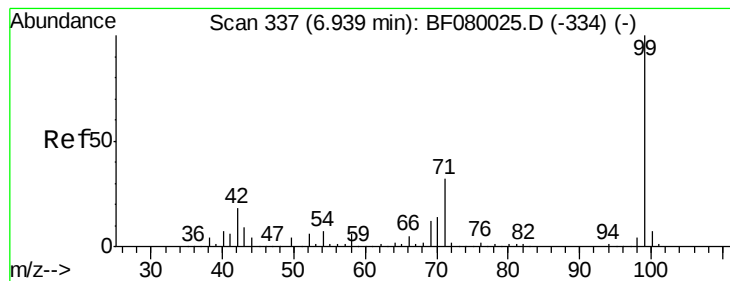
Tgt Ion: 112 Resp: 264971
 Ion Ratio Lower Upper
 112 100
 64 48.2 39.7 59.5
 63 24.3 17.4 26.0



#6
 Aniline
 Concen: 46.98 ng
 RT: 6.95 min Scan# 338
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion: 93 Resp: 138632
 Ion Ratio Lower Upper
 93 100
 66 38.2 27.2 40.8
 65 19.4 14.7 22.1





#7

Phenol-d6

Concen: 177.49 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

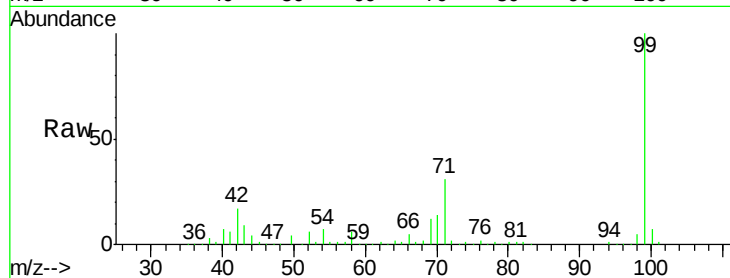
Tgt Ion: 99 Resp: 380654

Ion Ratio Lower Upper

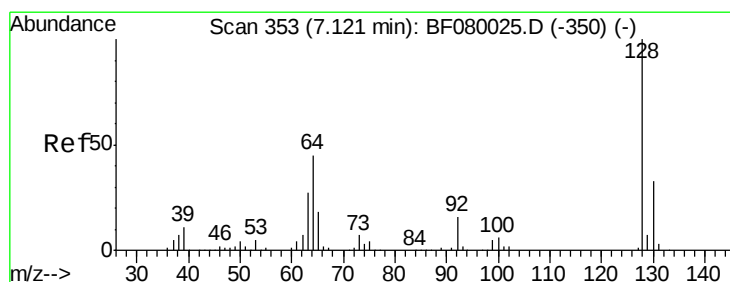
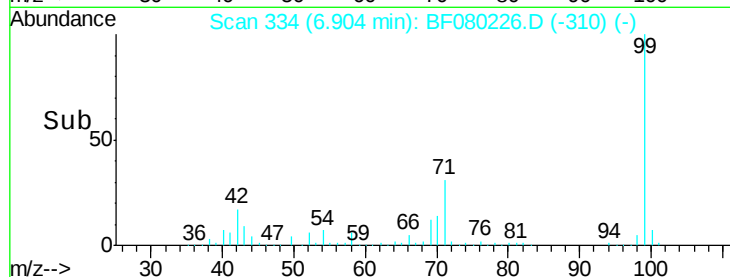
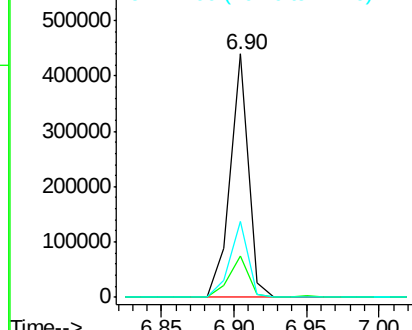
99 100

42 17.1 13.7 20.5

71 31.4 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 55.39 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

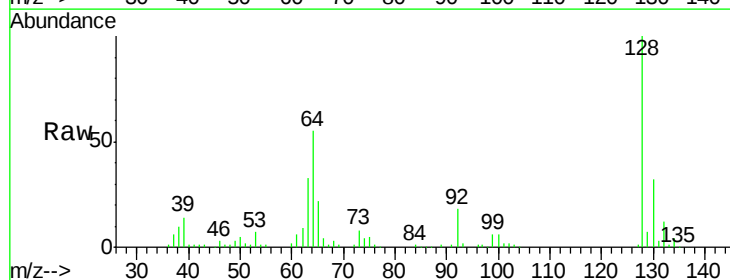
Tgt Ion: 128 Resp: 103170

Ion Ratio Lower Upper

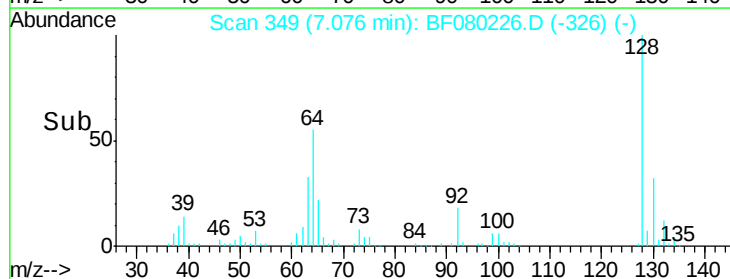
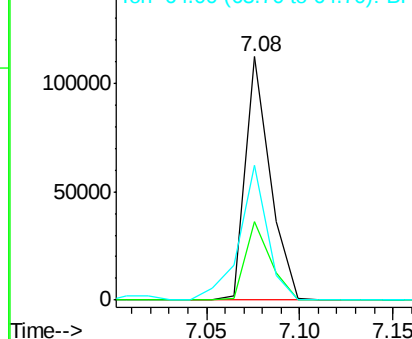
128 100

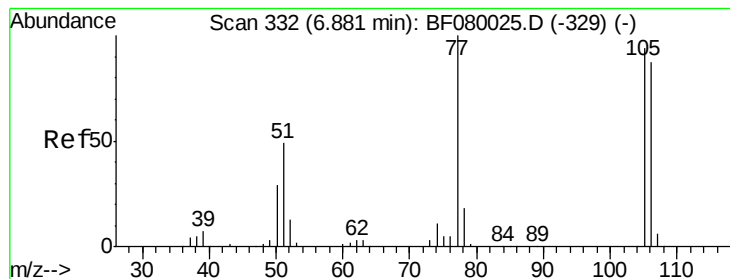
130 32.1 12.2 52.2

64 55.4 20.5 60.5



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 38.00 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

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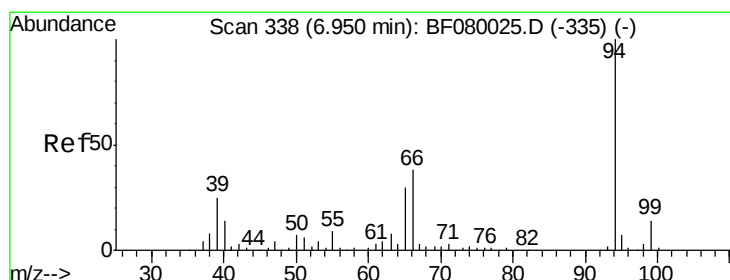
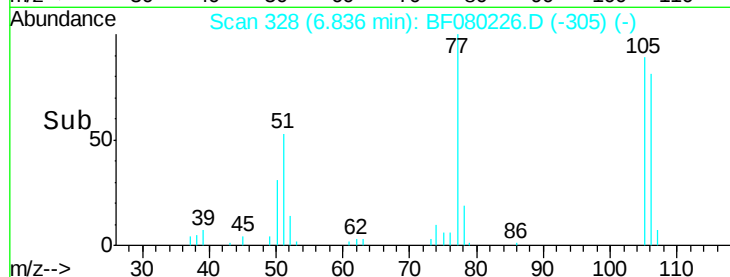
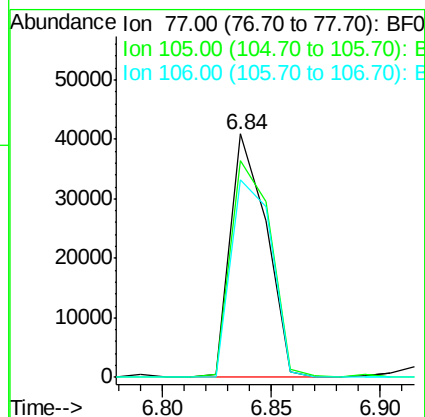
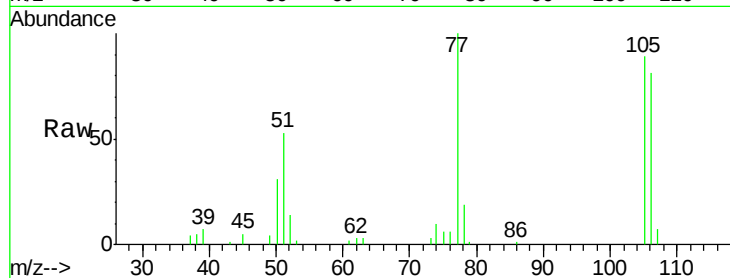
Tgt Ion: 77 Resp: 47052

Ion Ratio Lower Upper

77 100

105 89.2 91.6 131.6#

106 81.3 102.6 142.6#



#10

Phenol

Concen: 63.84 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

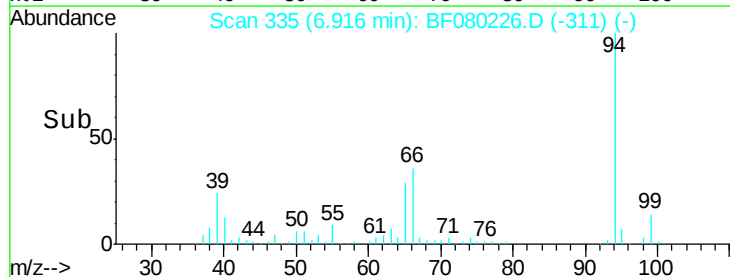
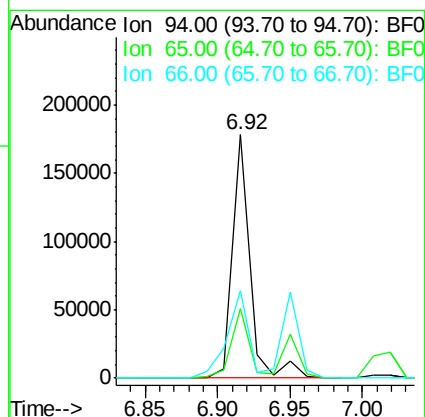
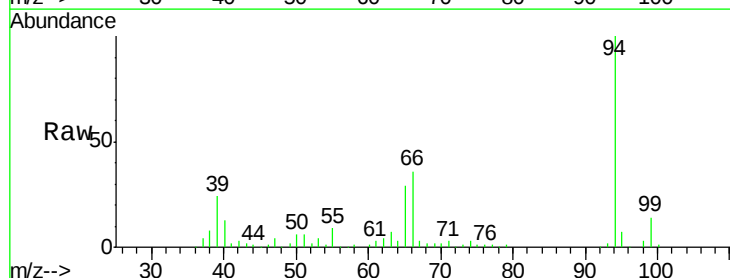
Tgt Ion: 94 Resp: 149417

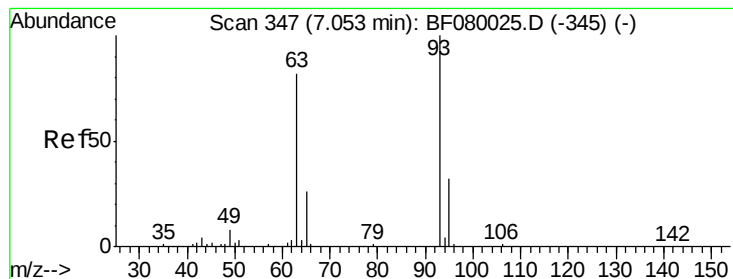
Ion Ratio Lower Upper

94 100

65 28.6 0.7 40.7

66 35.7 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 51.45 ng

RT: 7.02 min Scan# 344

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

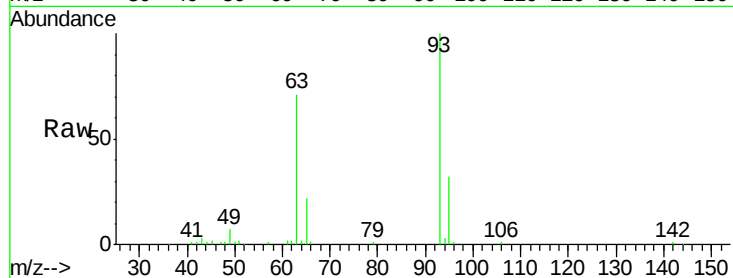
Tgt Ion: 93 Resp: 95536

Ion Ratio Lower Upper

93 100

63 70.5 65.6 105.6

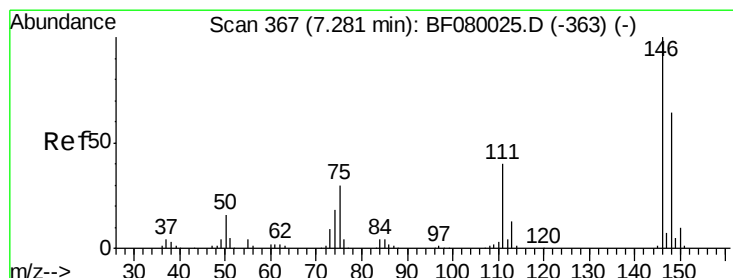
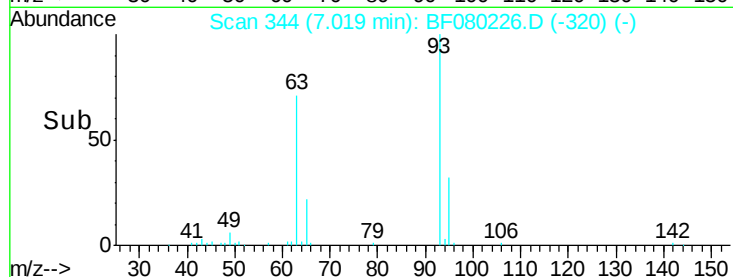
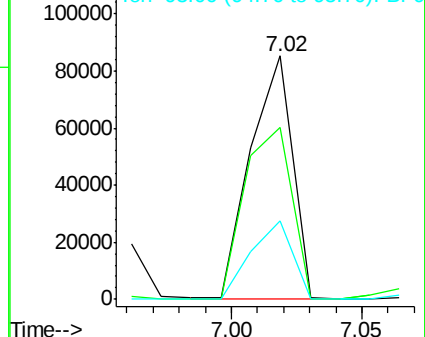
95 32.2 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 50.98 ng

RT: 7.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

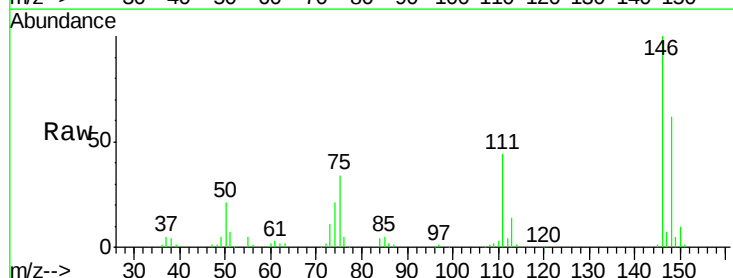
Tgt Ion: 146 Resp: 114086

Ion Ratio Lower Upper

146 100

148 62.5 51.0 76.4

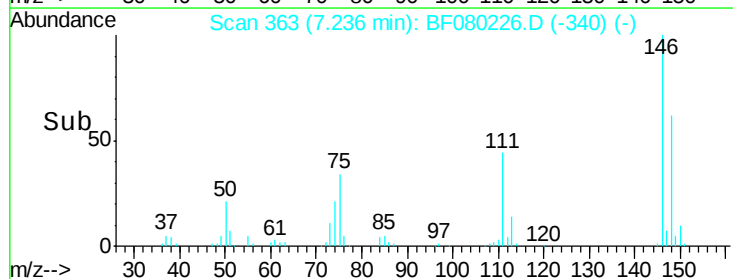
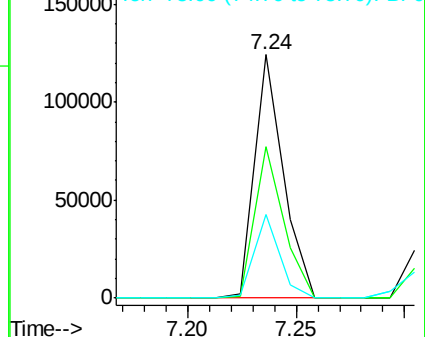
75 34.1 15.0 22.6#

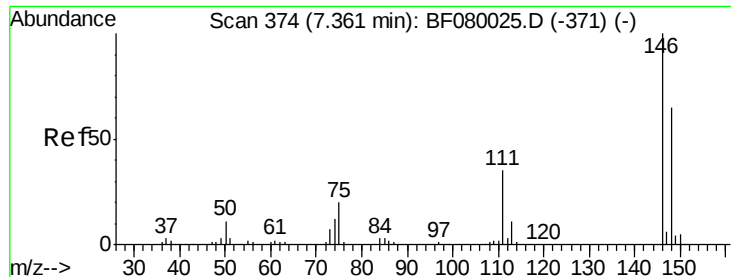


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

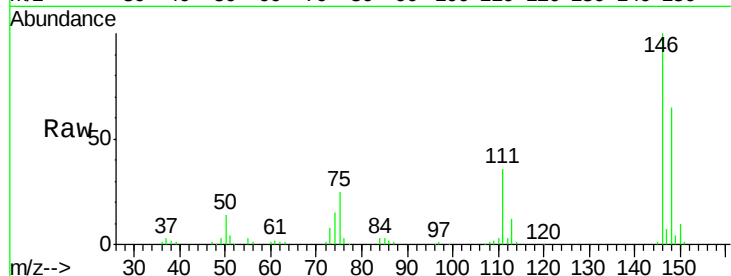




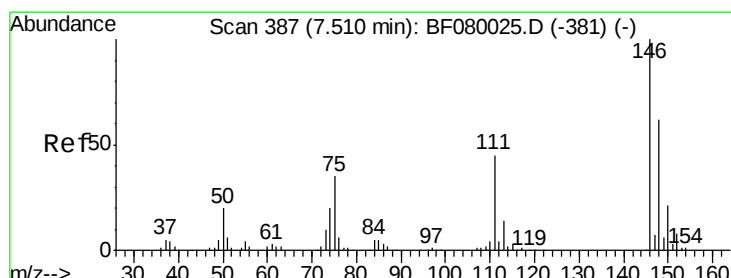
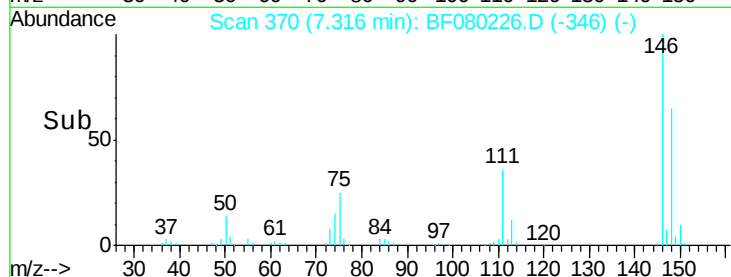
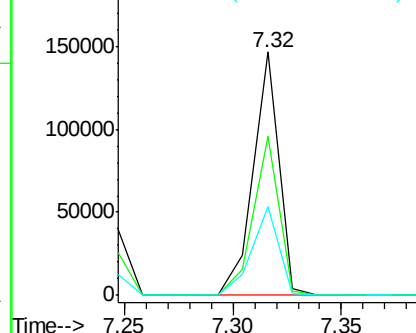
#13
 1,4-Dichlorobenzene
 Concen: 56.43 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:146 Resp: 120092
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.8 77.6
 111 36.3 24.9 37.3

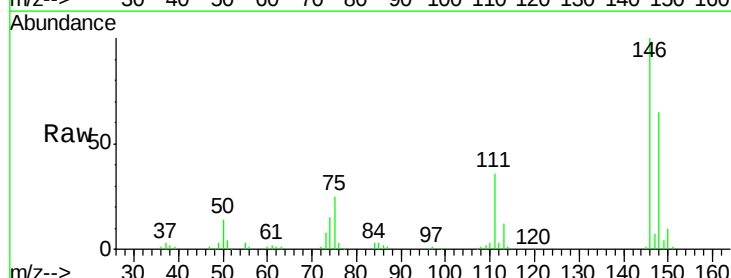


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

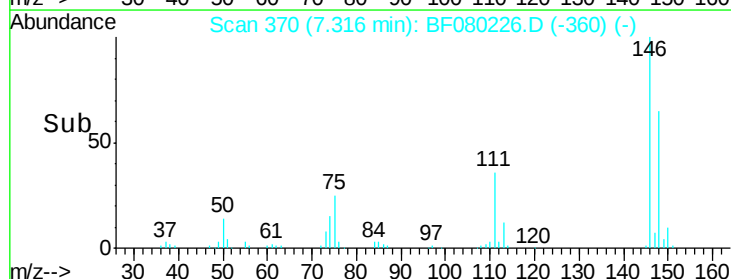
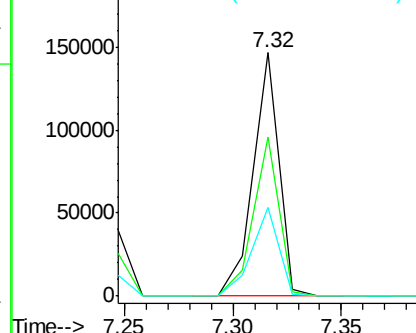


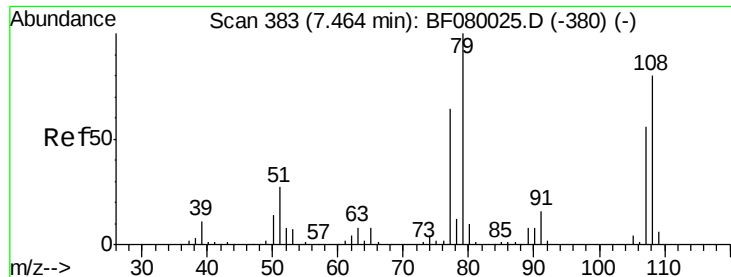
#14
 1,2-Dichlorobenzene
 Concen: 57.99 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.18 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:146 Resp: 120092
 Ion Ratio Lower Upper
 146 100
 148 65.4 52.7 79.1
 111 36.3 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: 51.70 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampled :

SOILMS

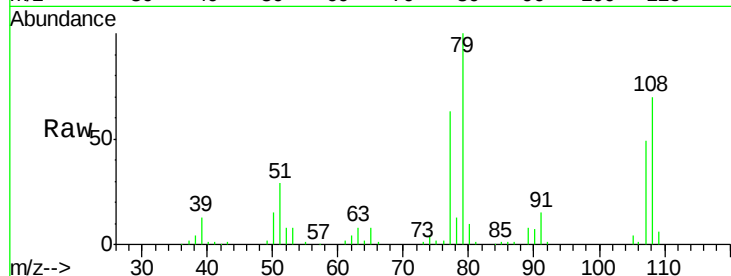
Tgt Ion: 79 Resp: 90663

Ion Ratio Lower Upper

79 100

108 70.3 88.6 132.8#

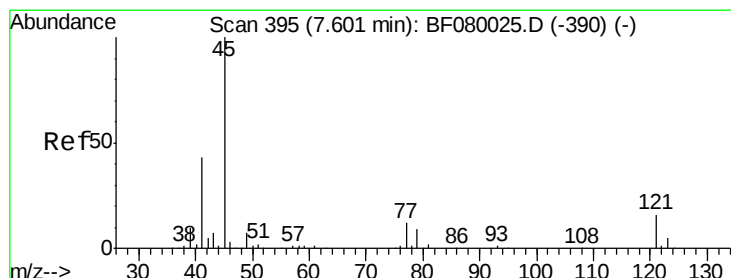
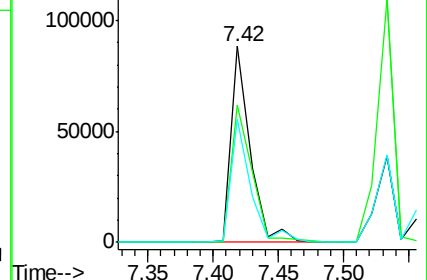
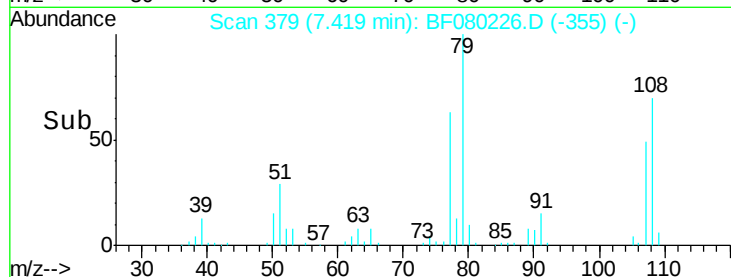
77 62.6 47.0 70.4



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: 58.98 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

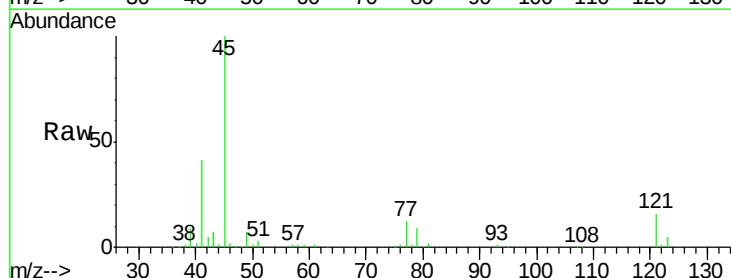
Tgt Ion: 45 Resp: 162570

Ion Ratio Lower Upper

45 100

77 12.2 0.0 28.1

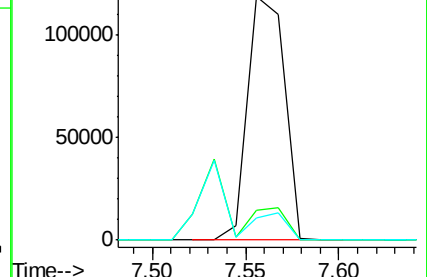
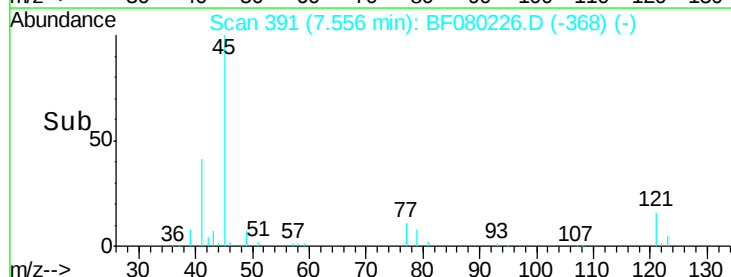
79 8.9 0.0 26.0

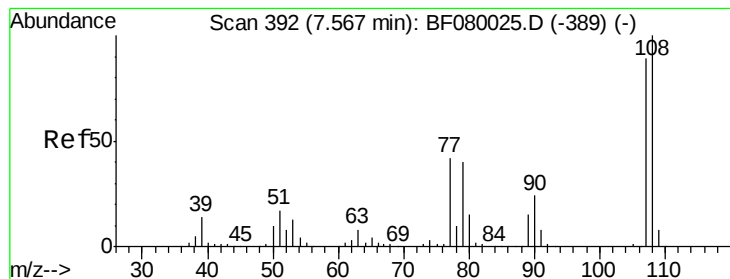


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 53.06 ng

RT: 7.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

Tgt Ion:107 Resp: 84420

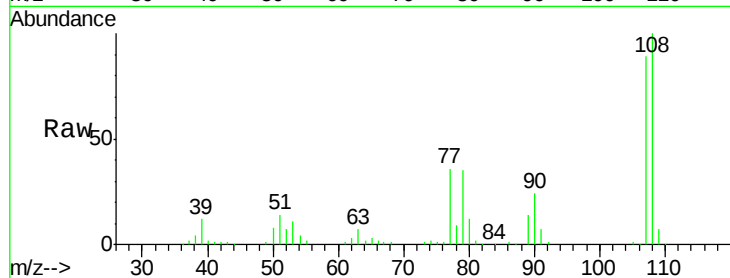
Ion Ratio Lower Upper

107 100

108 112.1 96.6 145.0

77 40.4 23.3 34.9#

79 39.5 22.0 33.0#

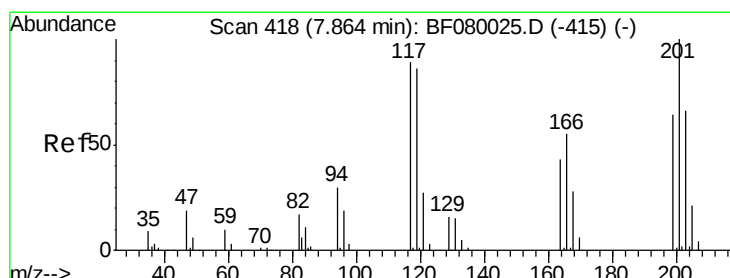
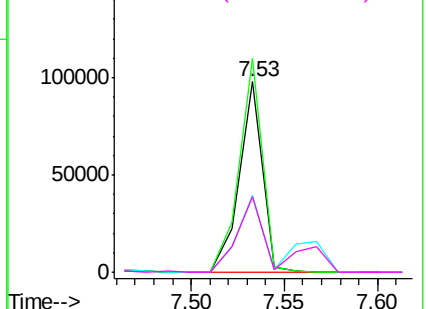
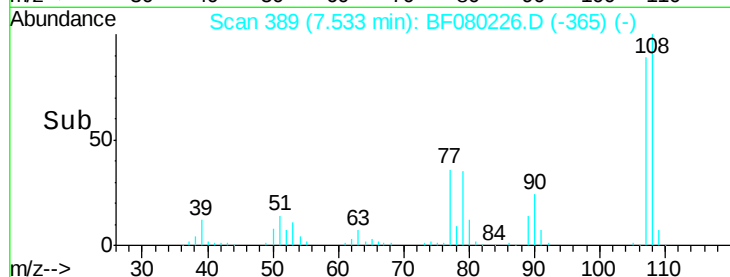


Abundance Ion 107.00 (106.70 to 107.70): E

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: 54.08 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

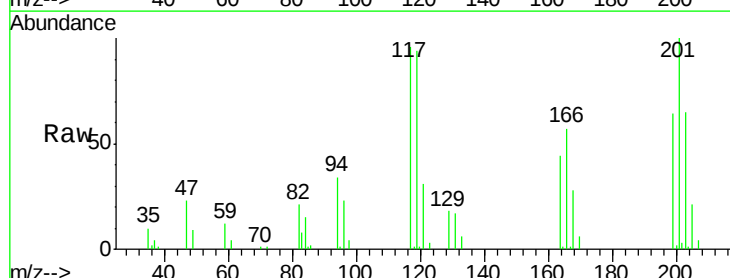
Tgt Ion:117 Resp: 38322

Ion Ratio Lower Upper

117 100

119 97.6 83.8 125.6

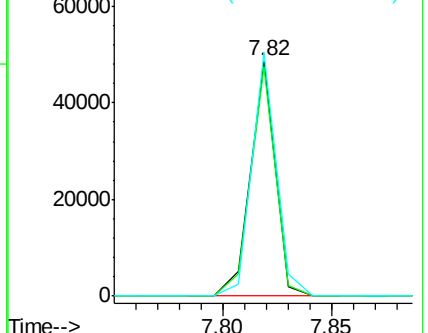
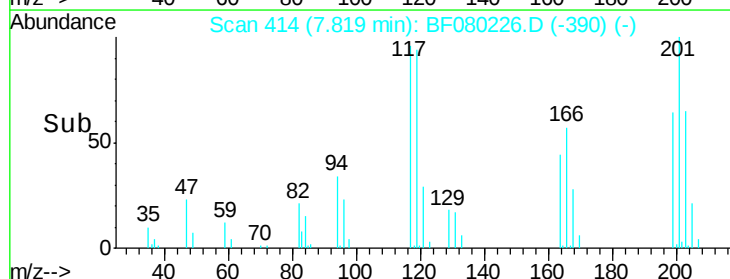
201 103.6 55.1 82.7#

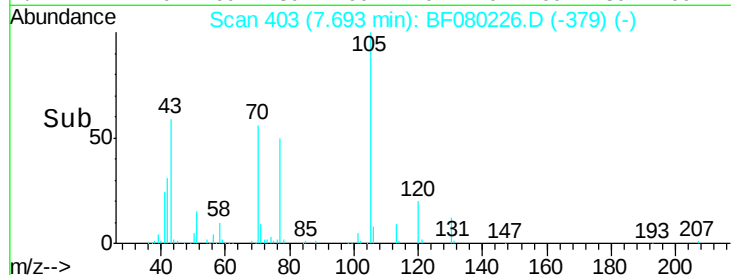
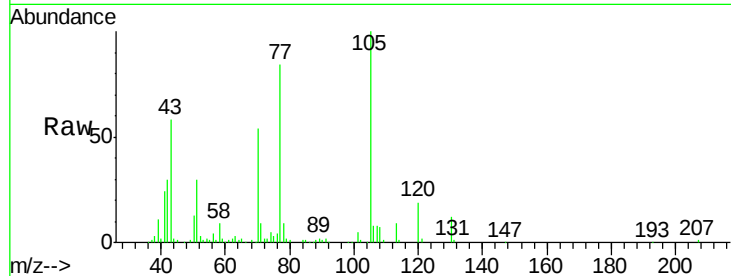
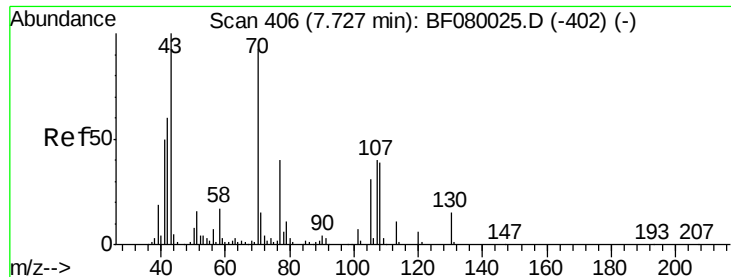


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

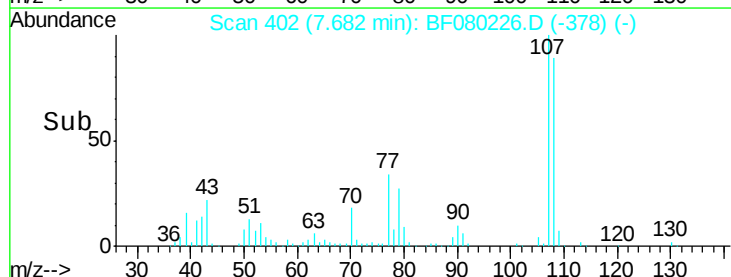
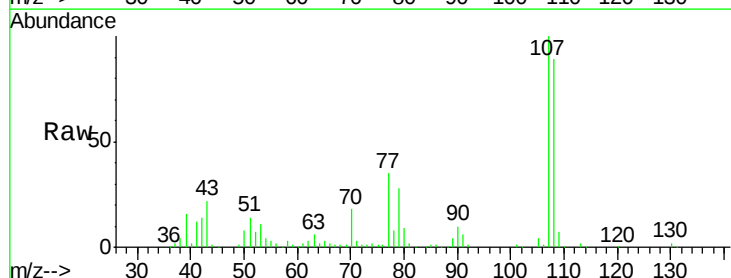
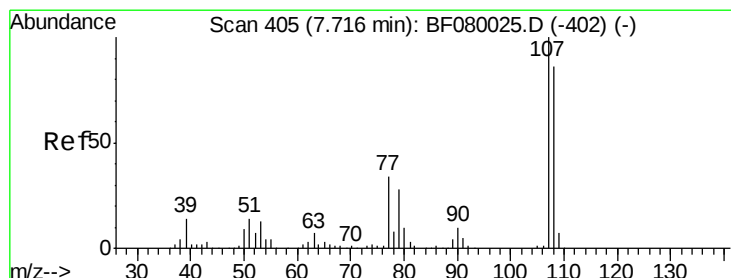
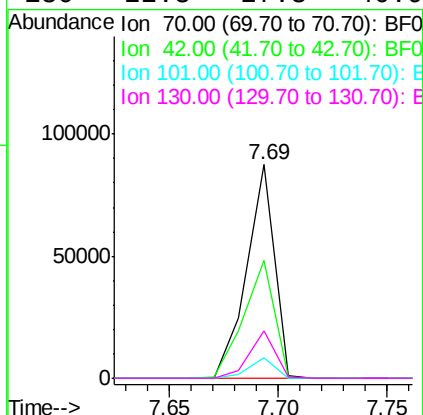




#19
n-Nitroso-di-n-propylamine
Concen: 52.18 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

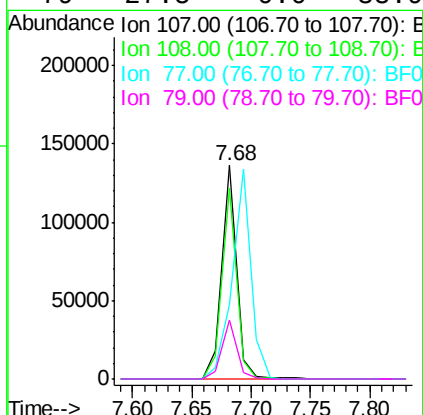
Instrument :
BNA_F
ClientSampleId :
SOILMS

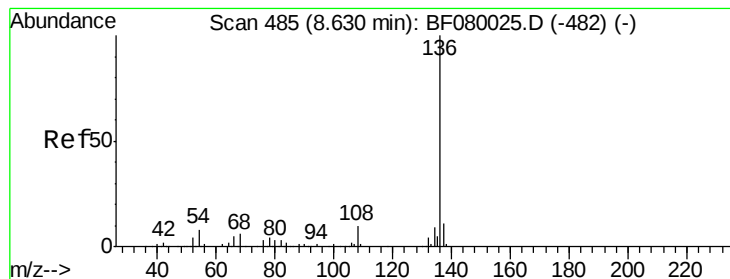
Tgt Ion: 70 Resp: 77696
Ion Ratio Lower Upper
70 100
42 55.4 63.8 95.6#
101 9.4 9.2 13.8
130 22.3 27.3 40.9#



#20
3+4-Methylphenols
Concen: 56.68 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 107 Resp: 116378
Ion Ratio Lower Upper
107 100
108 89.4 74.6 114.6
77 34.5 0.7 40.7
79 27.5 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.58 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

Tgt Ion:136 Resp: 111117

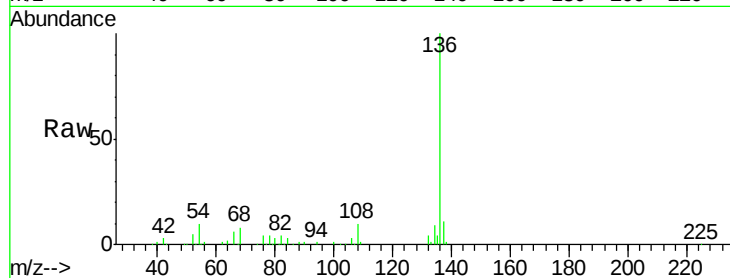
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.6

54 10.0 8.2 12.2

68 7.5 5.8 8.6

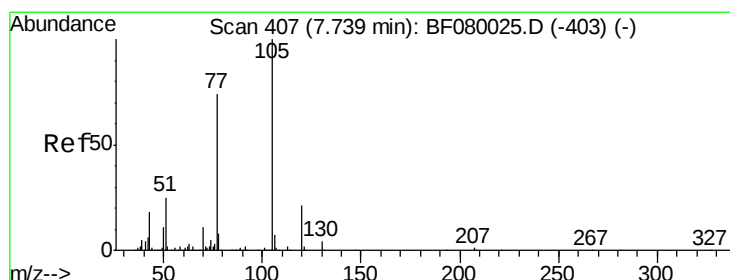
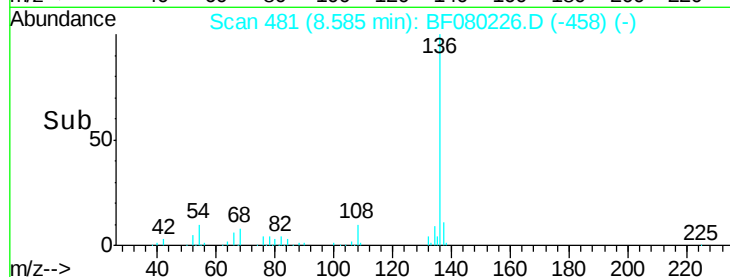
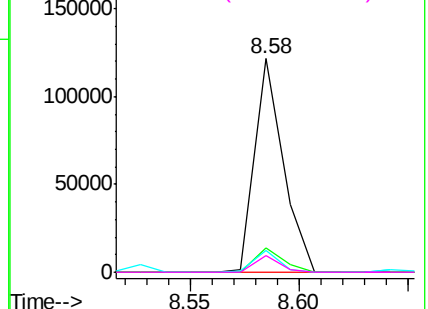


Abundance Ion 136.00 (135.70 to 136.70): E

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: 54.68 ng

RT: 7.69 min Scan# 403

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:105 Resp: 141603

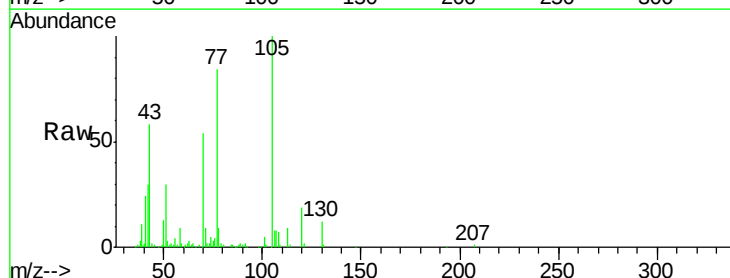
Ion Ratio Lower Upper

105 100

71 9.2 4.7 7.1#

51 30.4 22.0 33.0

120 19.5 30.1 45.1#

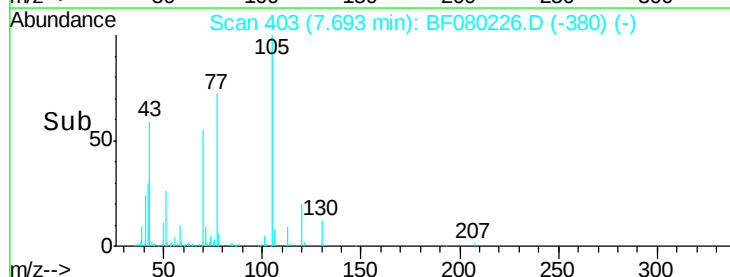
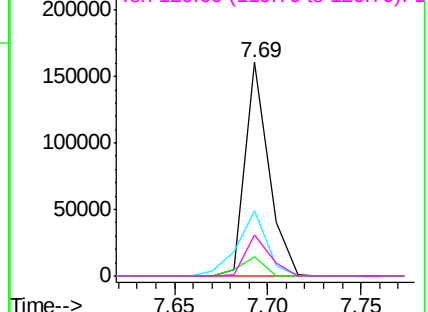


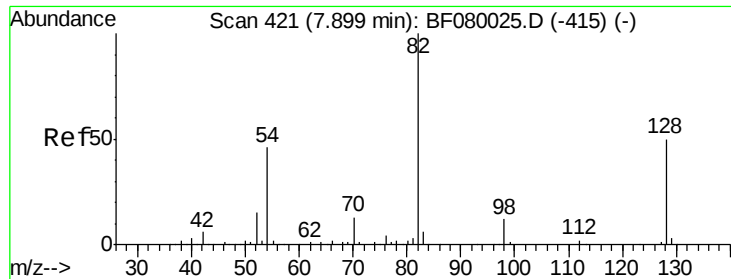
Abundance Ion 105.00 (104.70 to 105.70): E

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

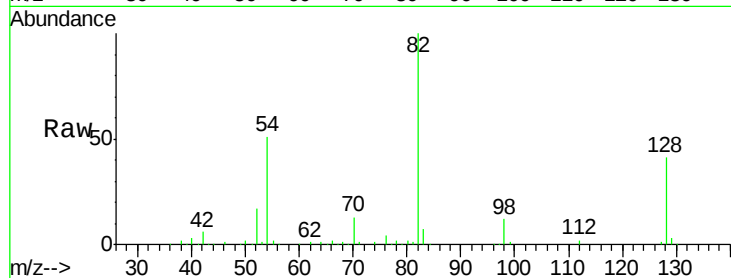




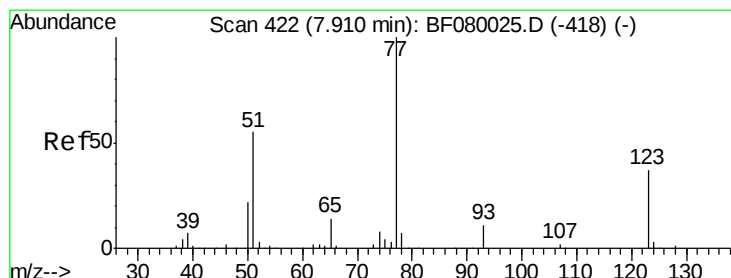
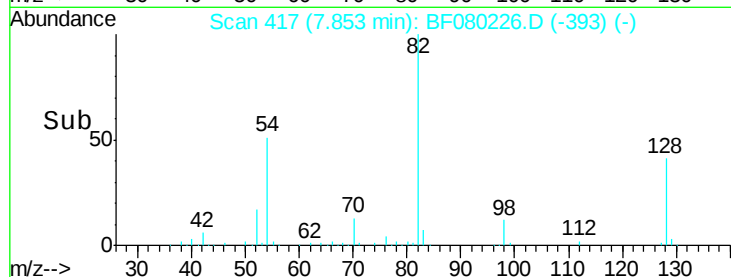
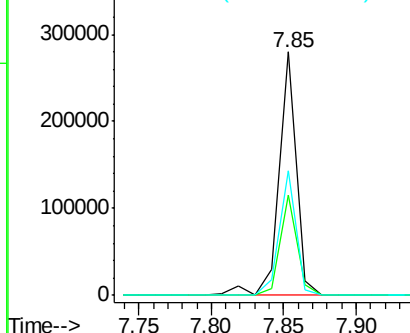
#23
 Nitrobenzene-d5
 Concen: 121.71 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion: 82 Resp: 232316
 Ion Ratio Lower Upper
 82 100
 128 41.4 51.0 76.6#
 54 51.3 47.5 71.3

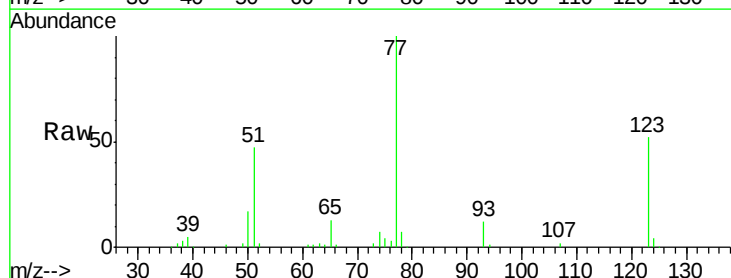


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

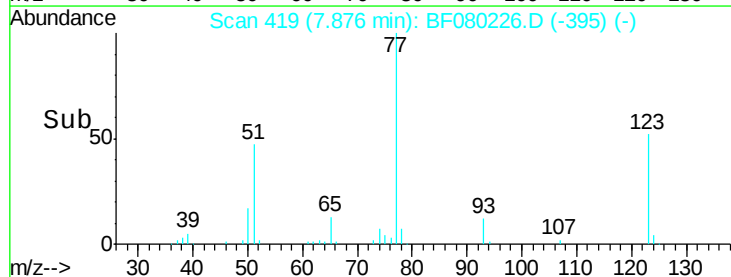
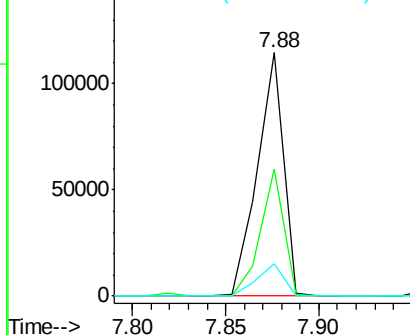


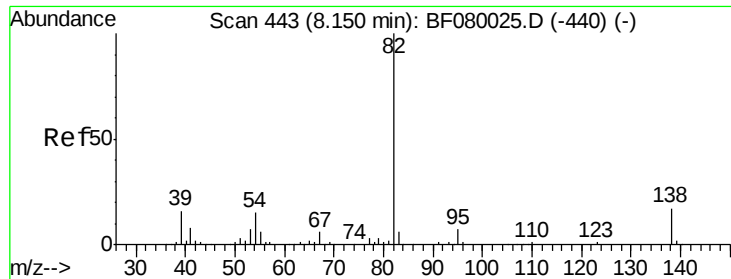
#24
 Nitrobenzene
 Concen: 56.08 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion: 77 Resp: 110490
 Ion Ratio Lower Upper
 77 100
 123 52.0 59.8 89.8#
 65 13.1 10.2 15.4



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





#25

Isophorone

Concen: 50.73 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

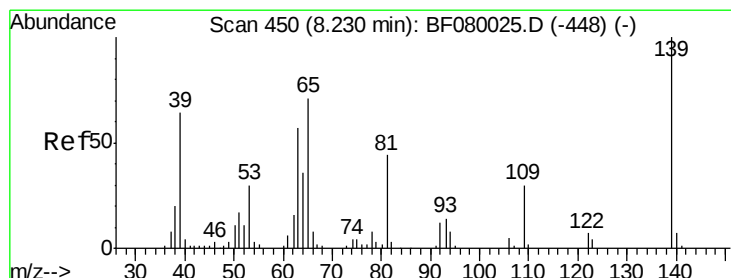
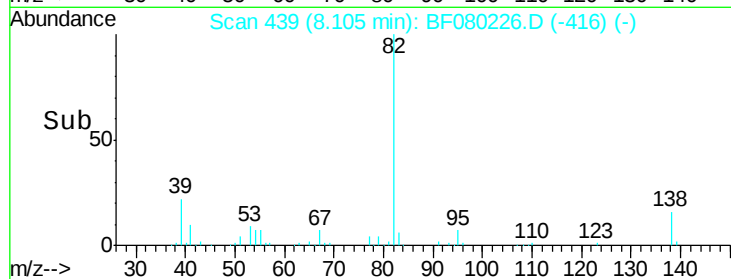
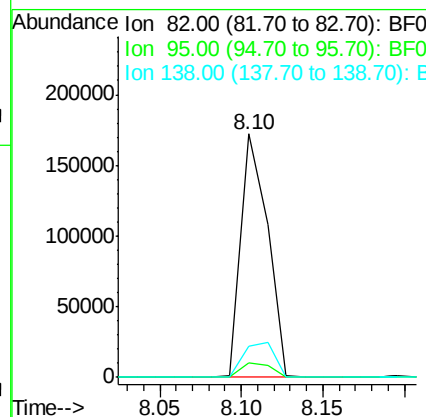
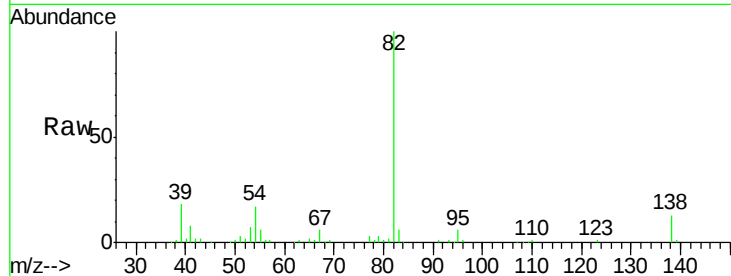
Tgt Ion: 82 Resp: 194853

Ion Ratio Lower Upper

82 100

95 6.0 4.0 6.0#

138 12.8 18.3 27.5#



#26

2-Nitrophenol

Concen: 65.49 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

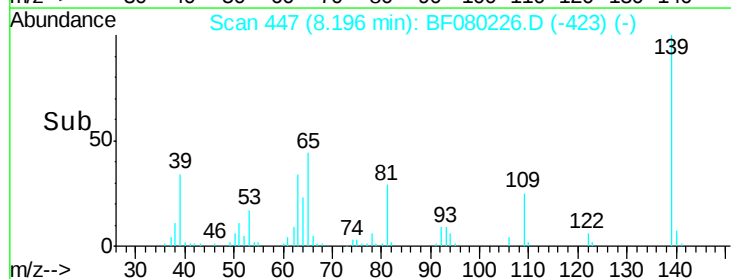
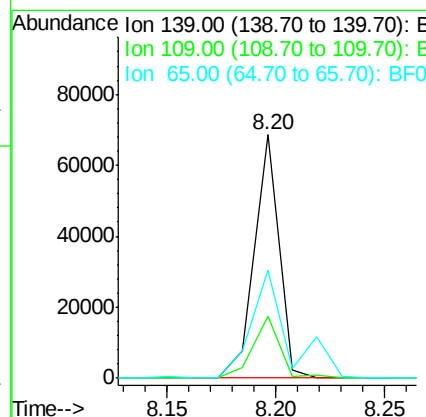
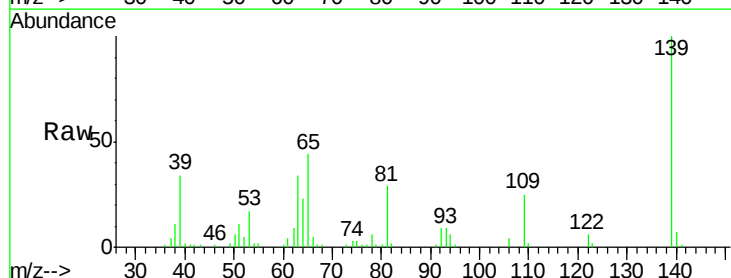
Tgt Ion: 139 Resp: 54000

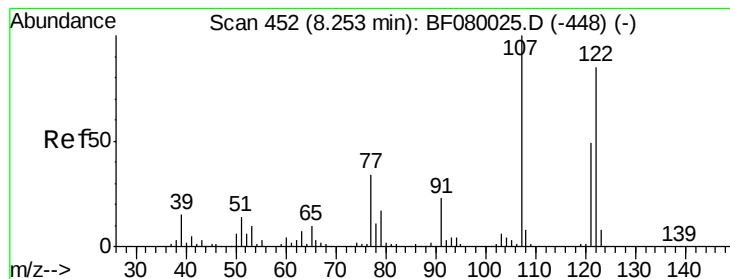
Ion Ratio Lower Upper

139 100

109 25.4 11.0 16.4#

65 44.1 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 59.80 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

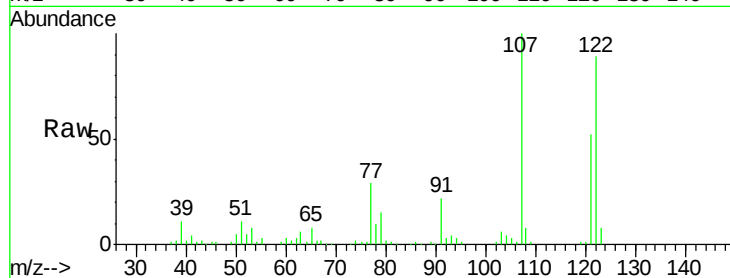
Tgt Ion:122 Resp: 102822

Ion Ratio Lower Upper

122 100

107 112.4 71.8 107.6#

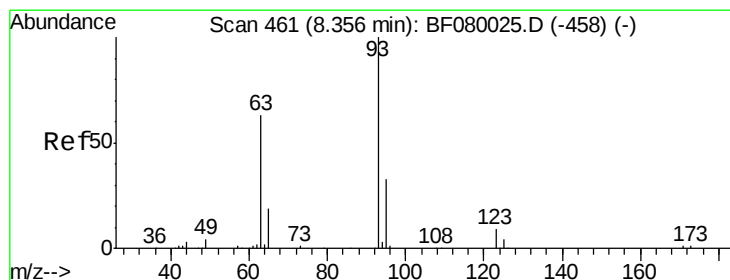
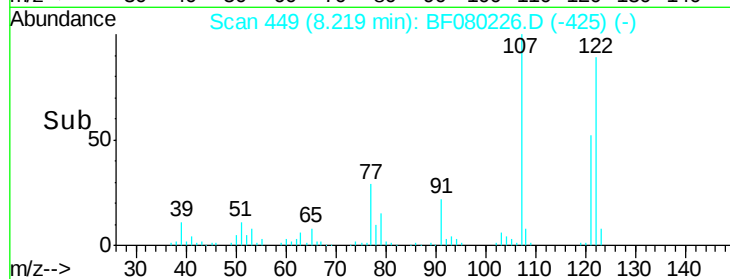
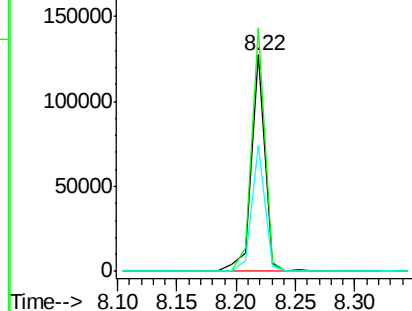
121 58.3 42.3 63.5



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: 53.47 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

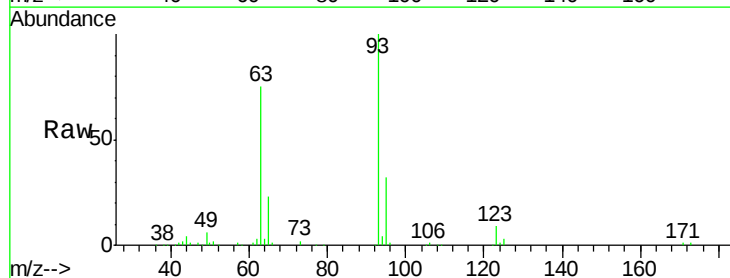
Tgt Ion: 93 Resp: 120673

Ion Ratio Lower Upper

93 100

95 31.5 27.5 41.3

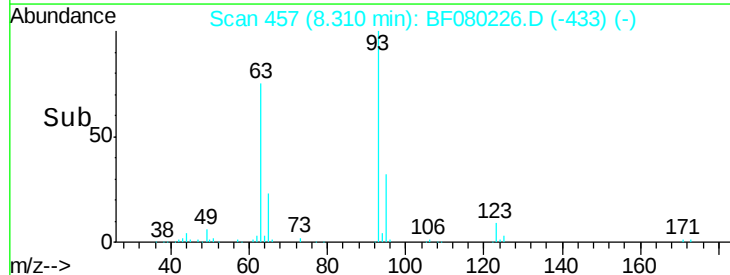
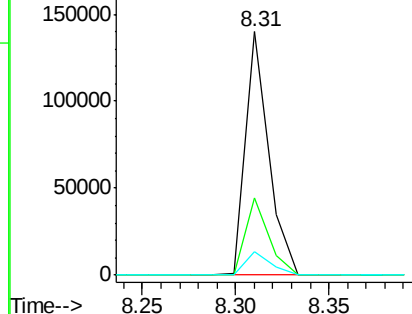
123 9.4 13.7 20.5#

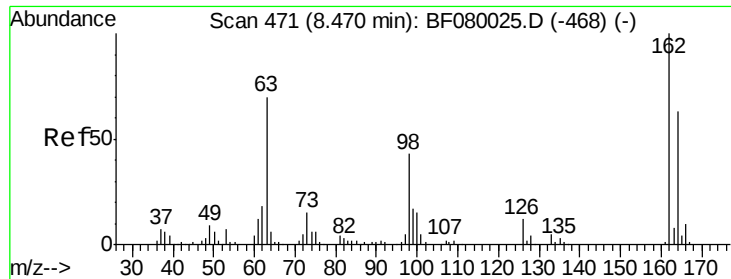


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

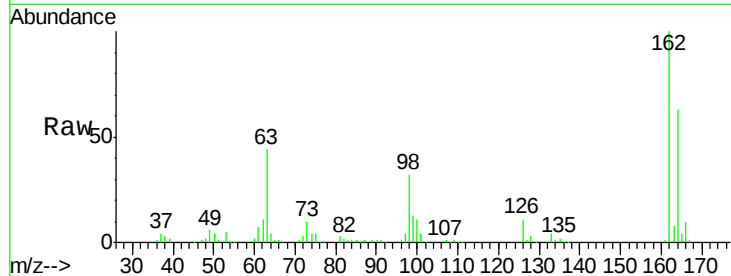




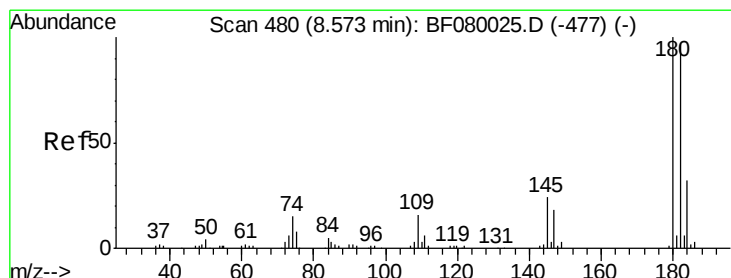
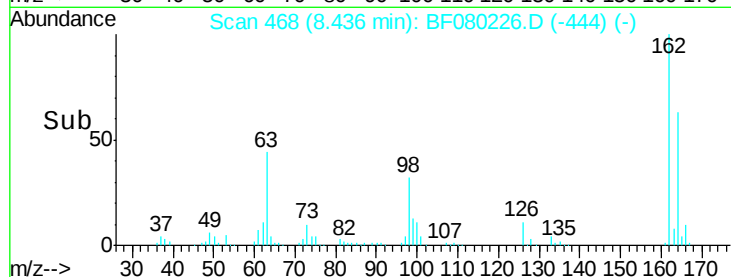
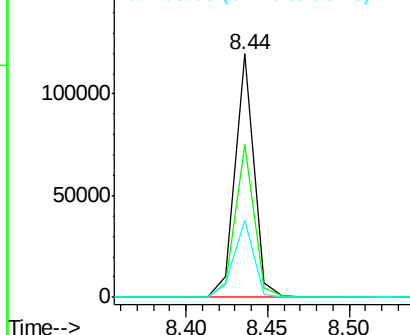
#29
 2,4-Dichlorophenol
 Concen: 64.46 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	44.9	84.9
98	31.6	13.0	53.0

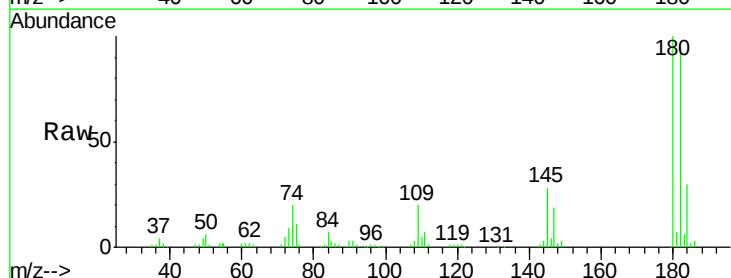


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

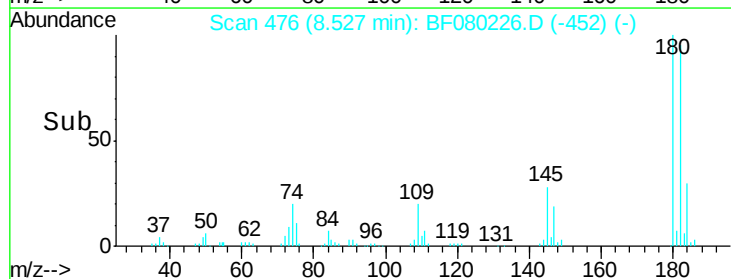
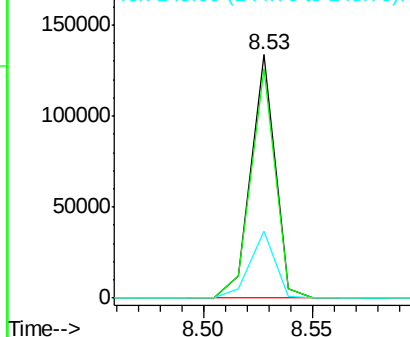


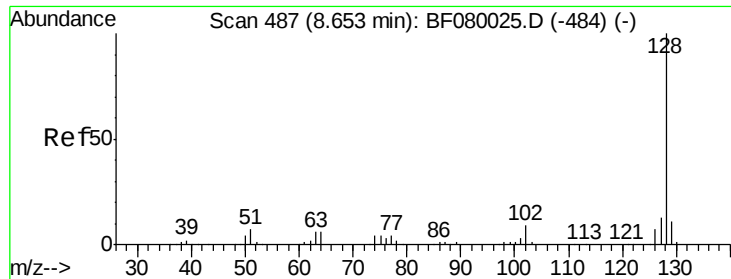
#30
 1,2,4-Trichlorobenzene
 Concen: 61.93 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.1	115.7
145	27.6	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

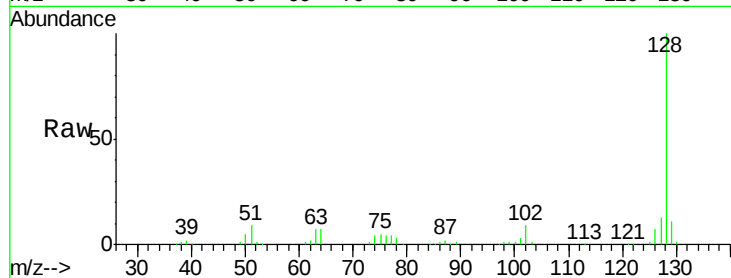




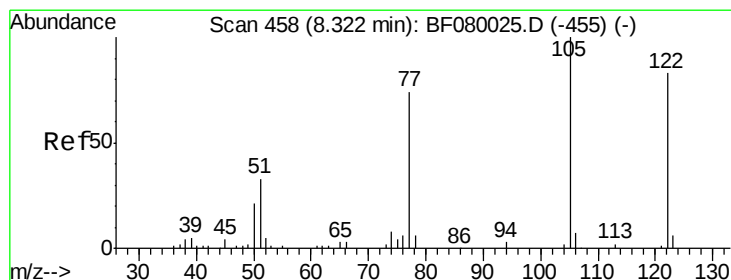
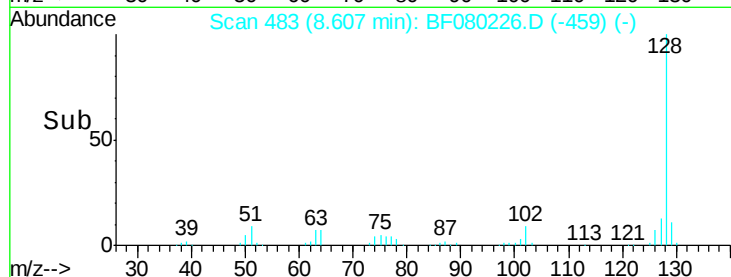
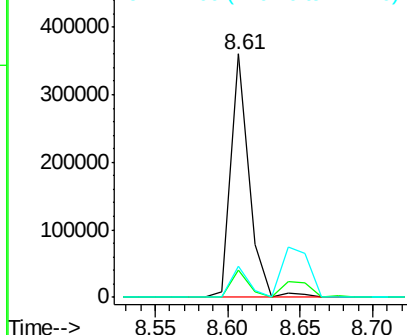
#31
Naphthalene
Concen: 54.09 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:128 Resp: 314235
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.0 9.9 14.9

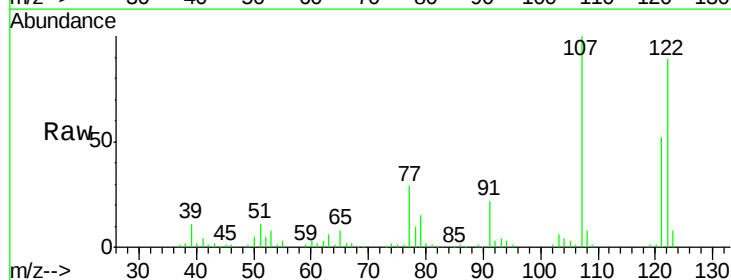


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

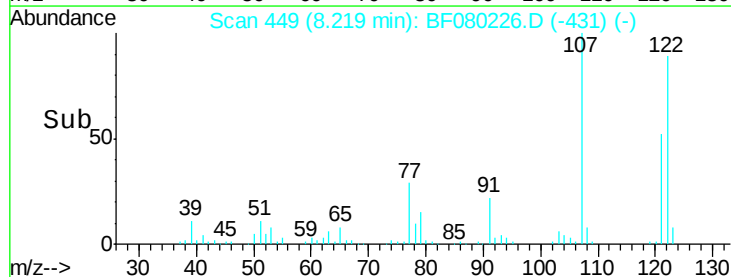
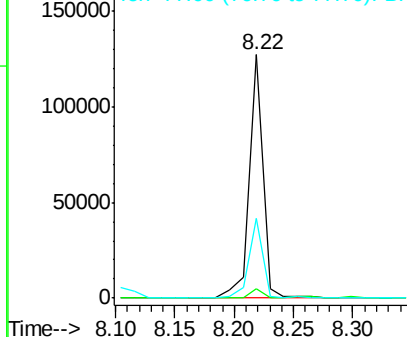


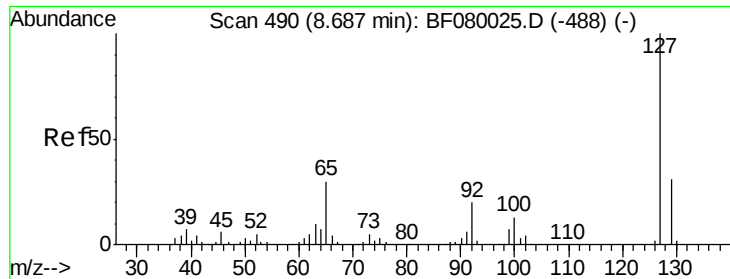
#32
Benzoic acid
Concen: 98.90 ng
RT: 8.22 min Scan# 449
Delta R.T. -0.09 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:122 Resp: 102822
Ion Ratio Lower Upper
122 100
105 3.6 76.1 116.1#
77 32.9 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

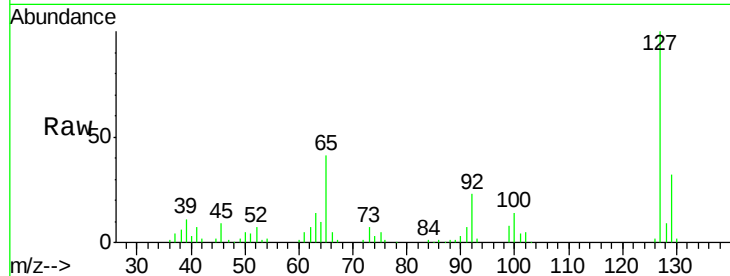




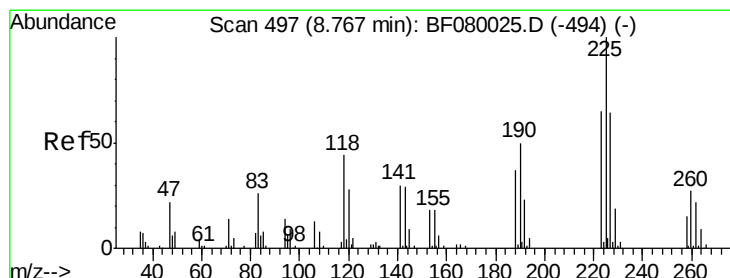
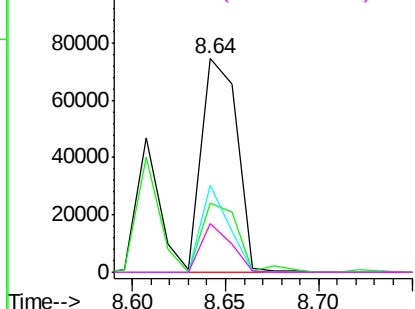
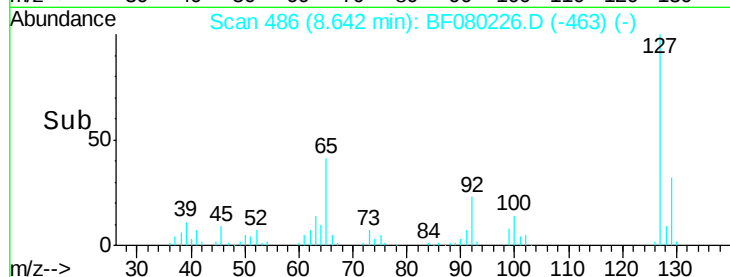
#33
4-Chloroaniline
Concen: 39.37 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:127 Resp: 97879
Ion Ratio Lower Upper
127 100
129 32.4 25.8 38.6
65 40.7 17.9 26.9#
92 22.6 10.5 15.7#

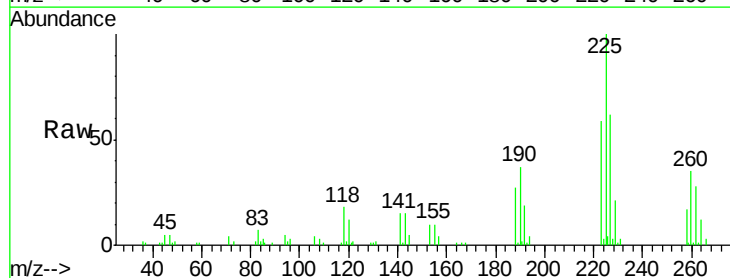


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

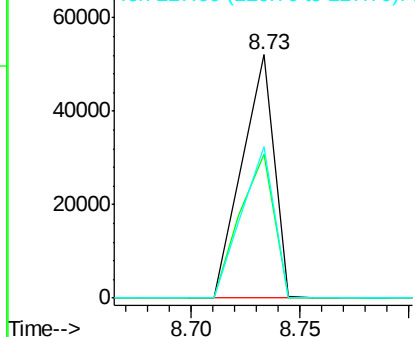
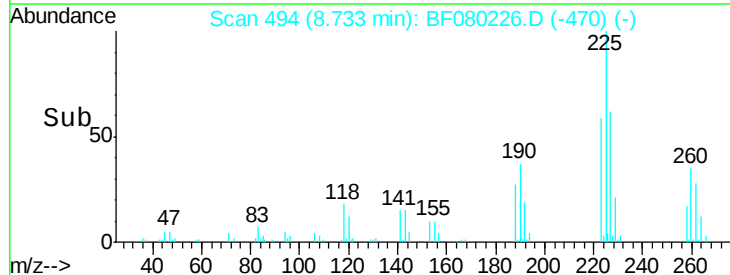


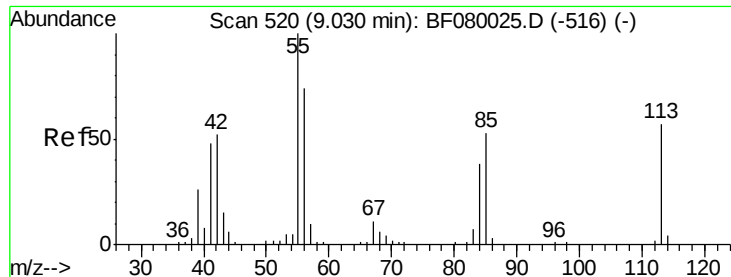
#34
Hexachlorobutadiene
Concen: 51.78 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:225 Resp: 53318
Ion Ratio Lower Upper
225 100
223 59.2 50.2 75.2
227 62.4 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

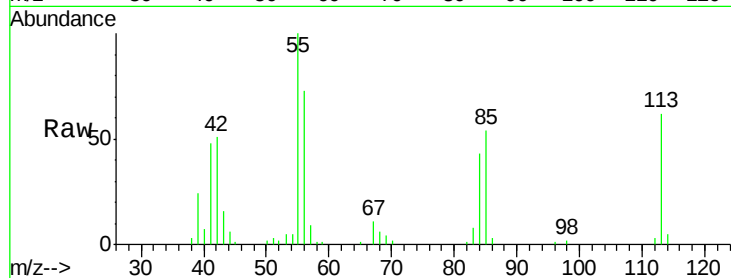




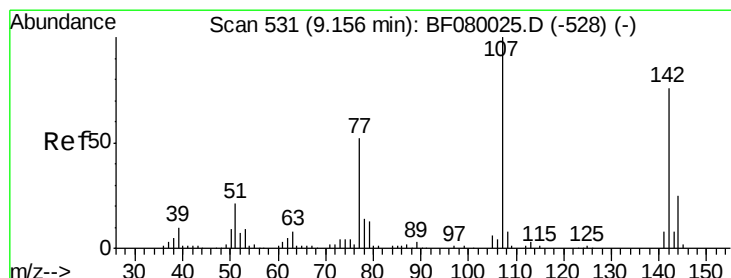
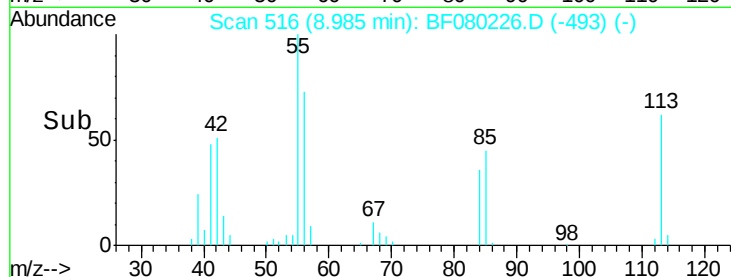
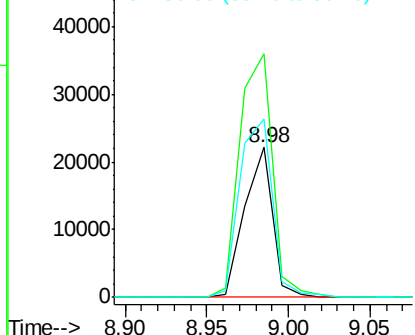
#35
 Caprolactam
 Concen: 54.84 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleID :
 SOILMS

Tgt Ion:113 Resp: 26210
 Ion Ratio Lower Upper
 113 100
 55 162.3 152.4 192.4
 56 118.8 104.6 144.6

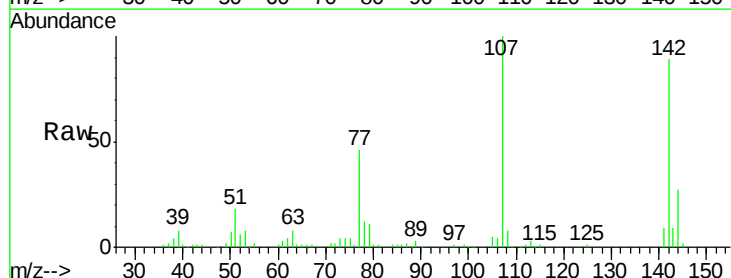


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

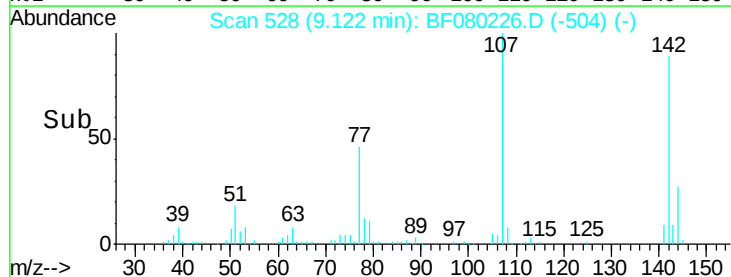
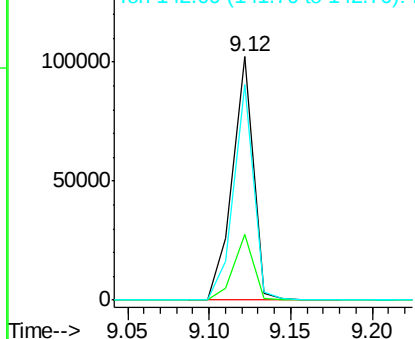


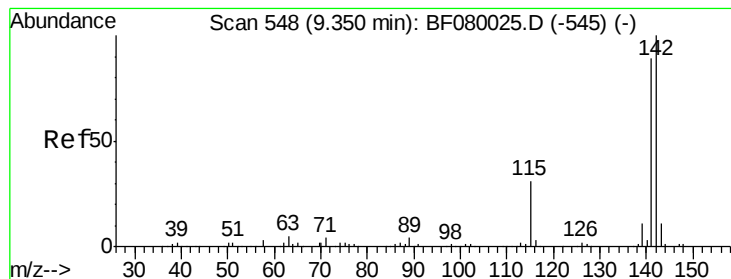
#36
 4-Chloro-3-methylphenol
 Concen: 54.60 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:107 Resp: 90695
 Ion Ratio Lower Upper
 107 100
 144 27.2 25.4 38.0
 142 88.6 77.3 115.9



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





#37

2-Methylnaphthalene

Concen: 57.88 ng

RT: 9.30 min Scan# 544

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

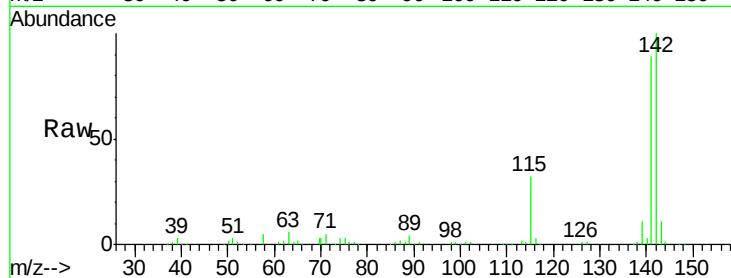
Tgt Ion:142 Resp: 217509

Ion Ratio Lower Upper

142 100

141 89.3 67.5 101.3

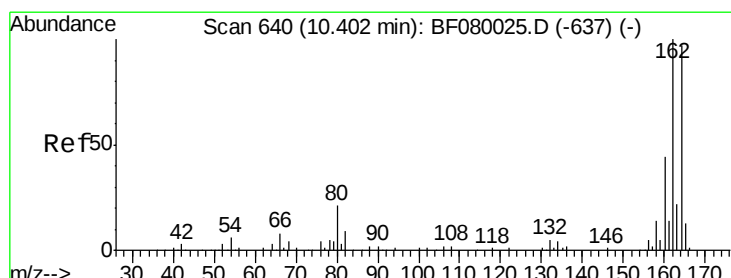
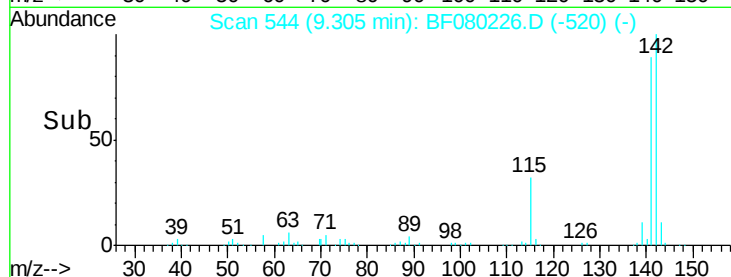
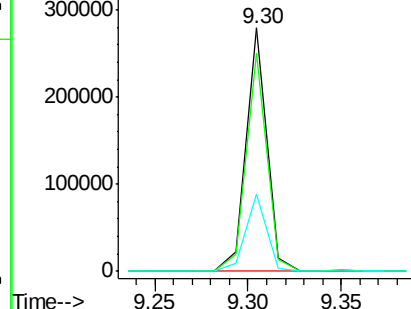
115 31.9 18.2 27.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

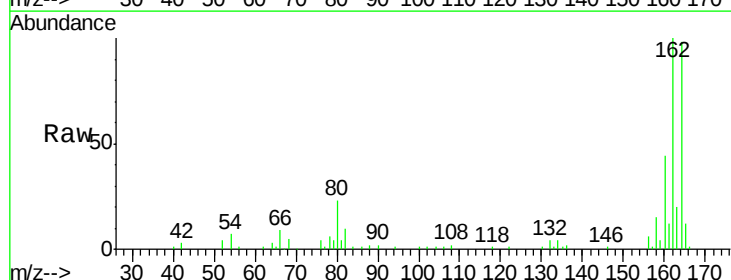
Tgt Ion:164 Resp: 56509

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

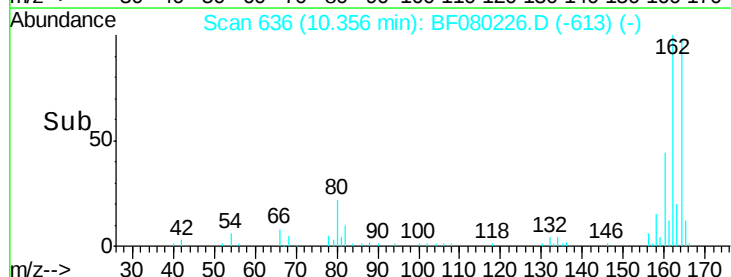
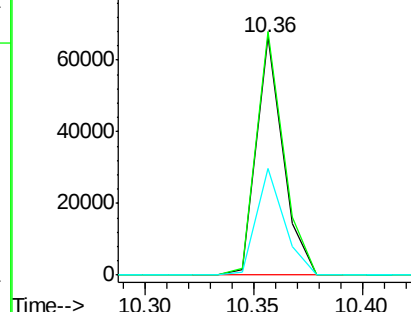
160 45.0 31.5 47.3

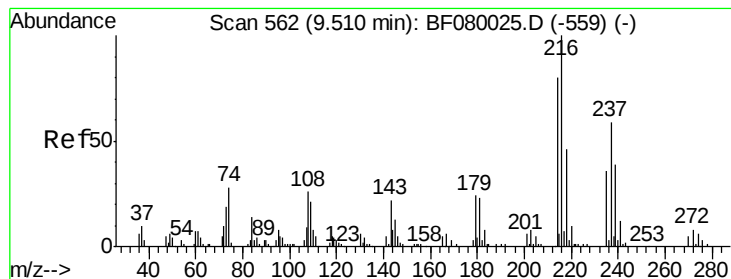


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 61.61 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

Tgt Ion:216 Resp: 101314

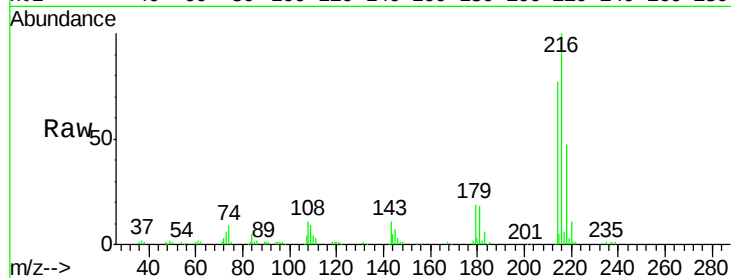
Ion Ratio Lower Upper

216 100

214 77.5 63.5 95.3

179 20.2 16.6 24.8

108 16.5 16.3 24.5

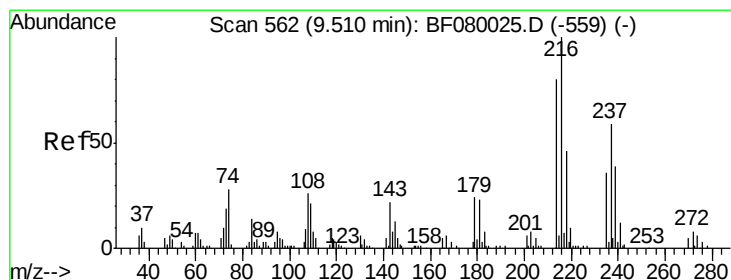
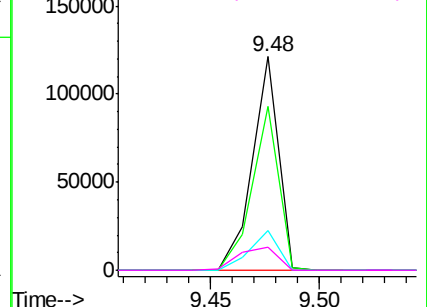
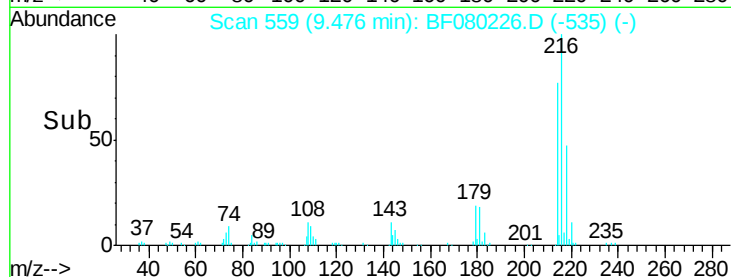


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.48 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

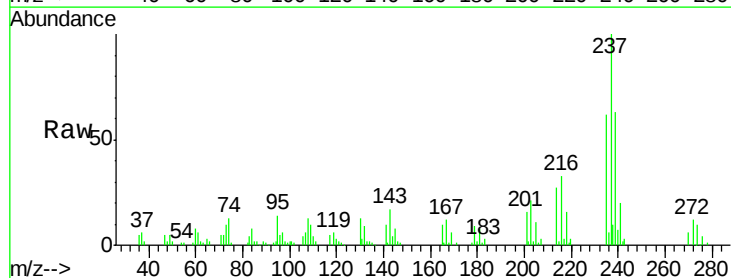
Tgt Ion:237 Resp: 58036

Ion Ratio Lower Upper

237 100

235 62.3 42.0 82.0

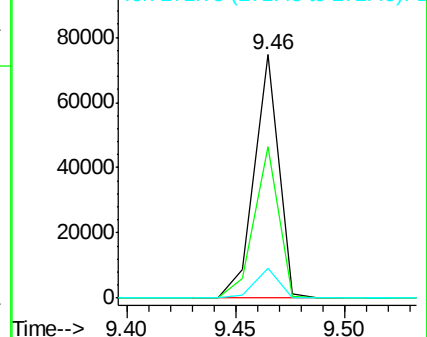
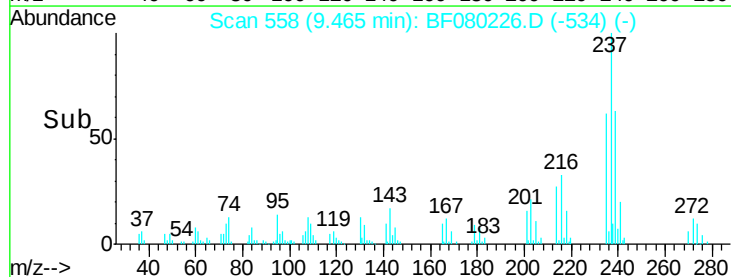
272 12.5 0.0 36.1

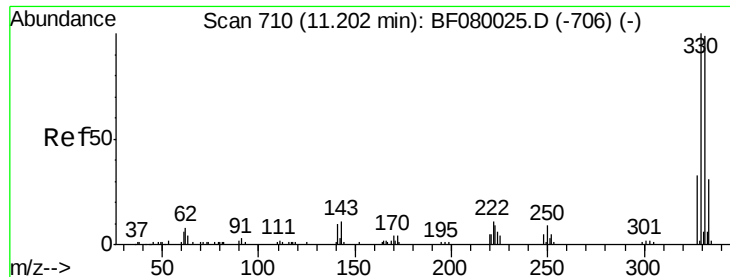


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

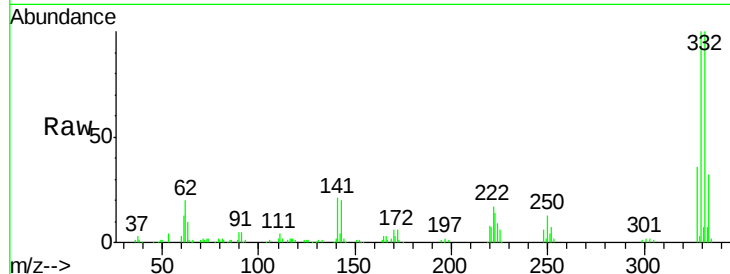




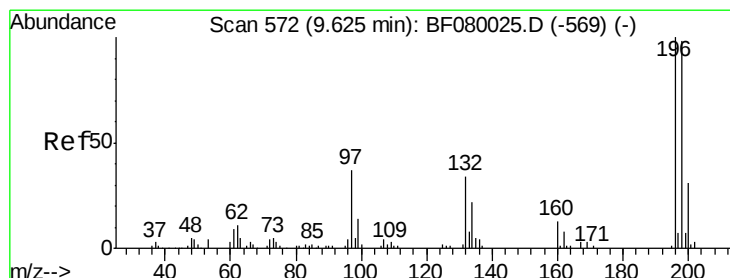
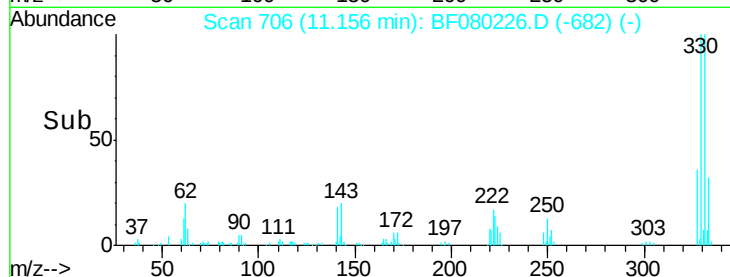
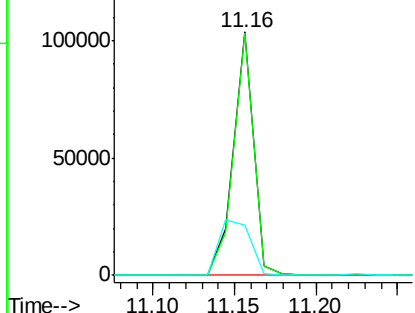
#41
 2,4,6-Tribromophenol
 Concen: 159.39 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:330 Resp: 88076
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 35.8 29.7 44.5

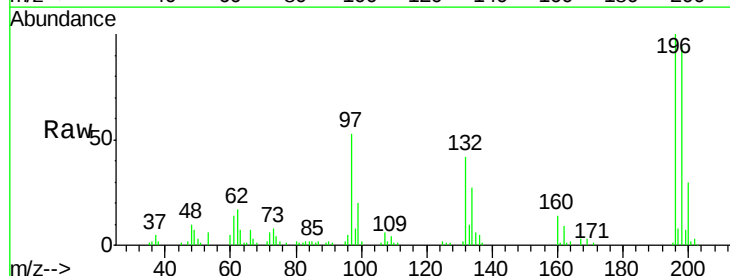


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

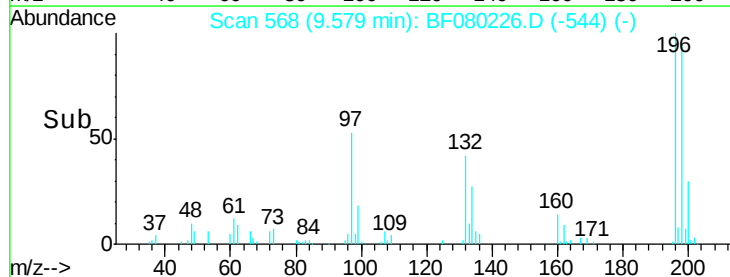
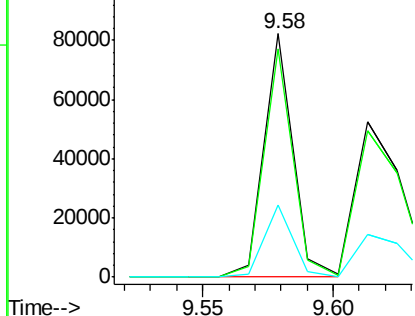


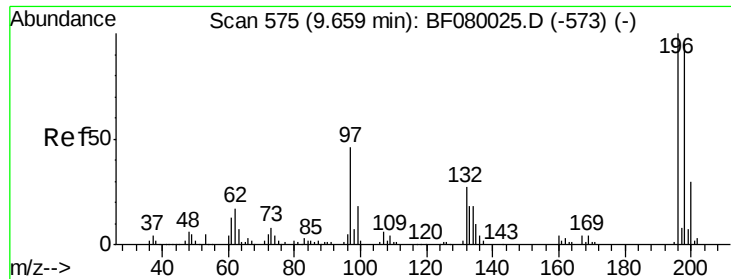
#42
 2,4,6-Trichlorophenol
 Concen: 57.08 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:196 Resp: 63868
 Ion Ratio Lower Upper
 196 100
 198 93.6 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

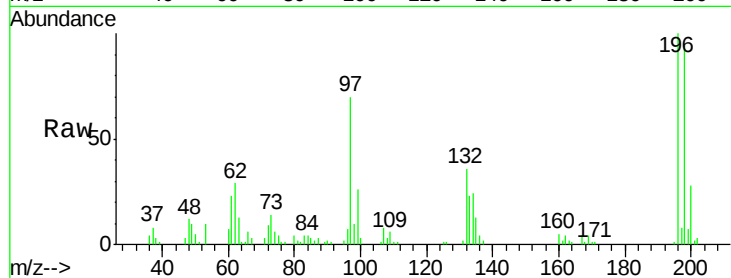




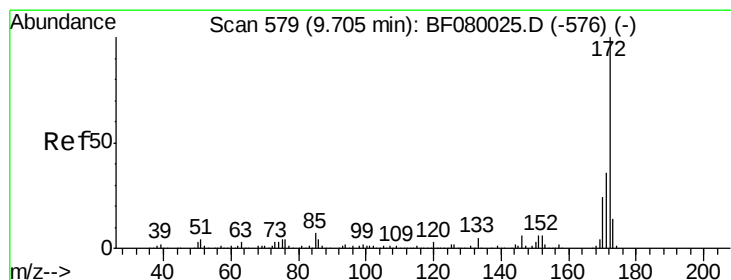
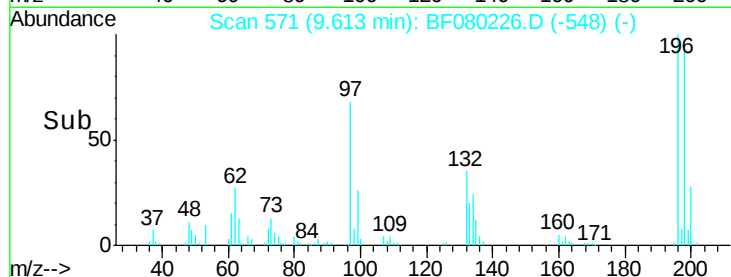
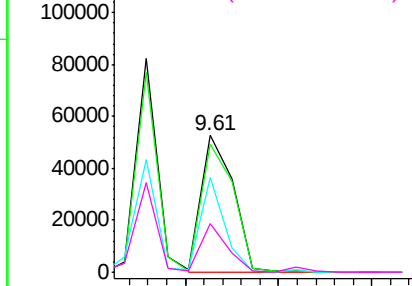
#43
 2,4,5-Trichlorophenol
 Concen: 48.29 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:196 Resp: 62247
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.0
 97 69.7 33.3 49.9#
 132 35.8 24.6 37.0

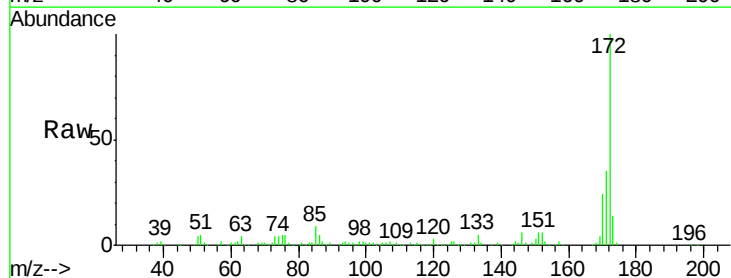


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

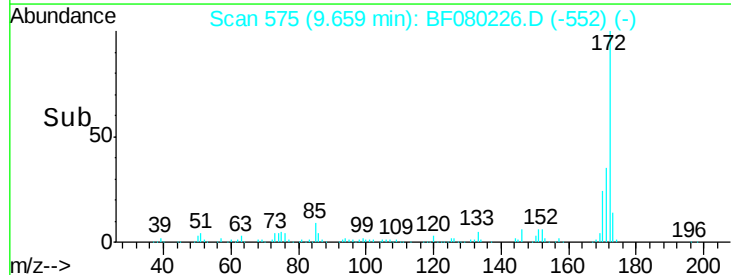
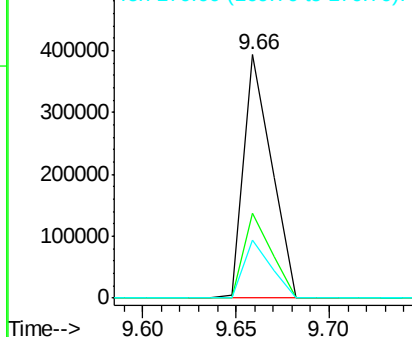


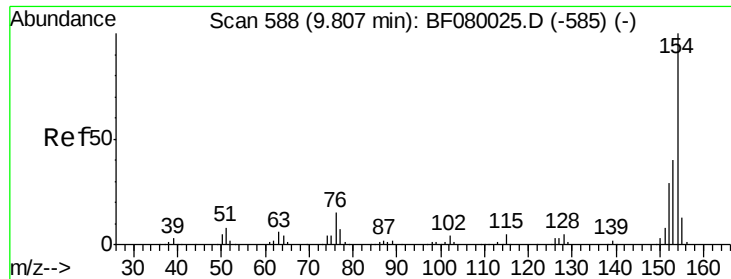
#44
 2-Fluorobiphenyl
 Concen: 102.69 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:172 Resp: 406917
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.1 39.1
 170 23.7 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

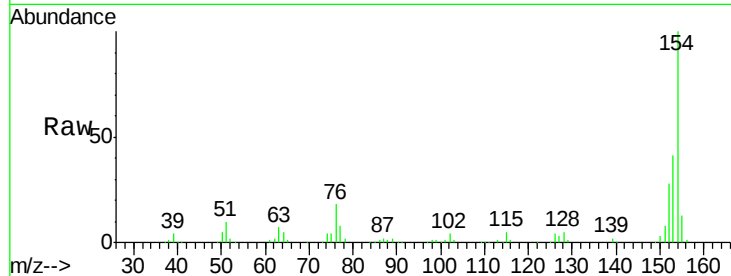




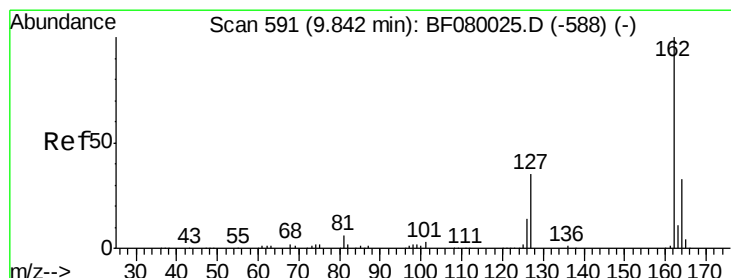
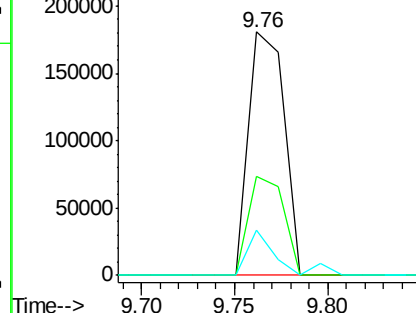
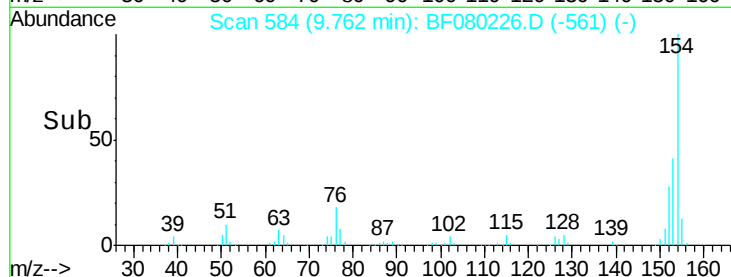
#45
 1,1'-Biphenyl
 Concen: 51.83 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:	154	Resp:	238307
Ion Ratio	Lower	Upper	
154	100		
153	40.5	17.1	57.1
76	18.3	0.0	31.6

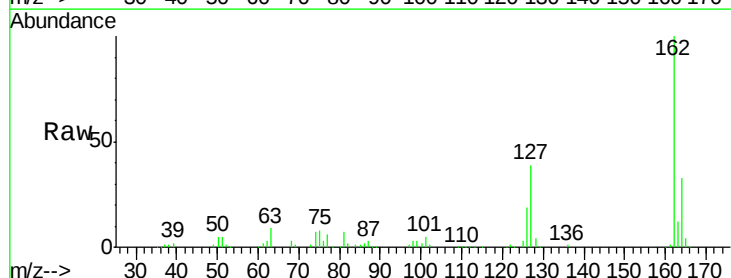


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

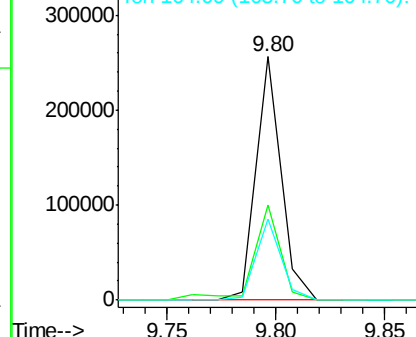
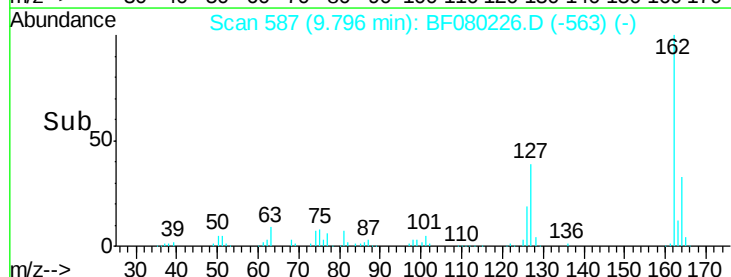


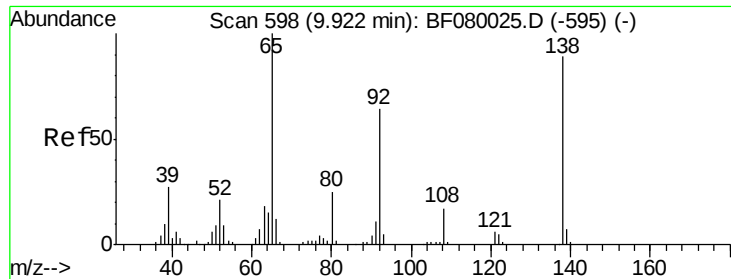
#46
 2-Chloronaphthalene
 Concen: 54.53 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:	162	Resp:	203405
Ion Ratio	Lower	Upper	
162	100		
127	39.1	27.6	41.4
164	33.4	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

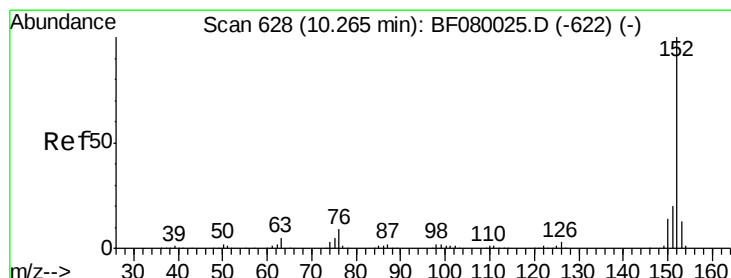
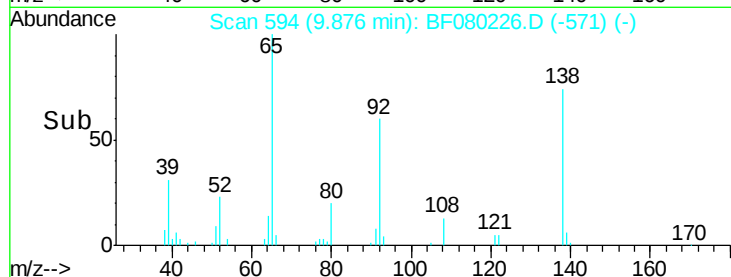
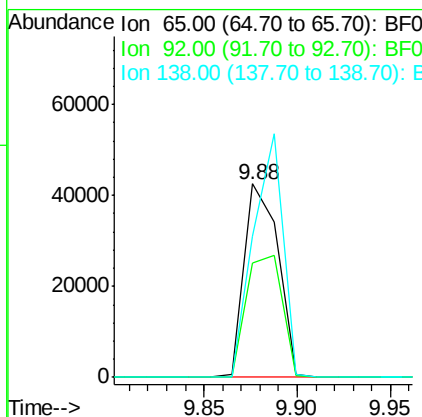
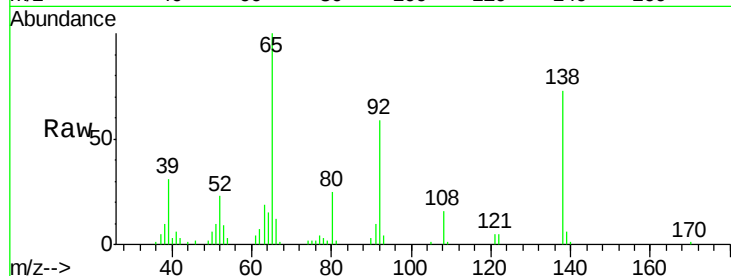




#47
2-Nitroaniline
Concen: 52.04 ng
RT: 9.88 min Scan# 594
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

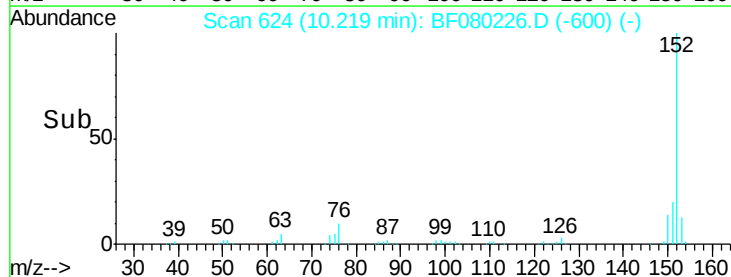
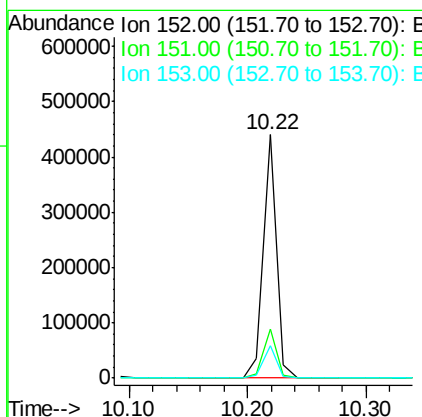
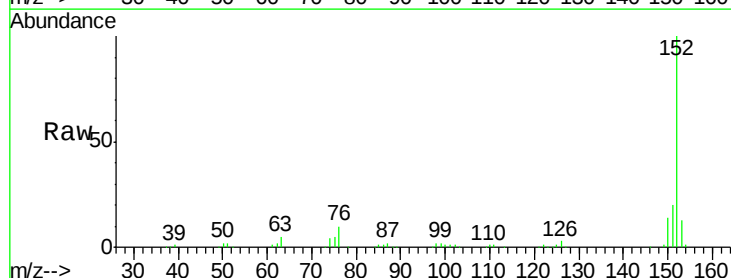
Instrument :
BNA_F
ClientSampleId :
SOILMS

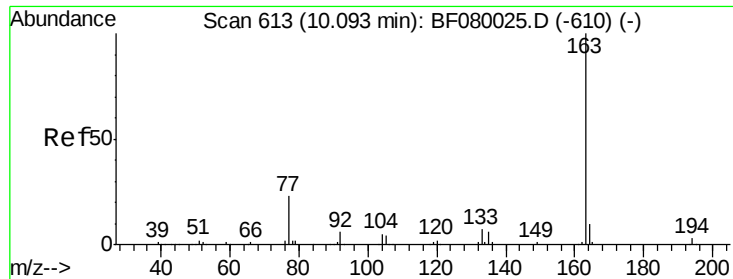
Tgt Ion: 65 Resp: 53292
Ion Ratio Lower Upper
65 100
92 58.9 55.4 83.0
138 73.0 115.5 173.3#



#48
Acenaphthylene
Concen: 55.23 ng
RT: 10.22 min Scan# 624
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion: 152 Resp: 343858
Ion Ratio Lower Upper
152 100
151 20.1 14.6 22.0
153 13.2 10.3 15.5

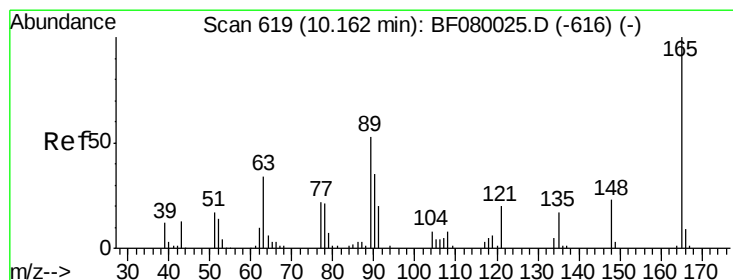
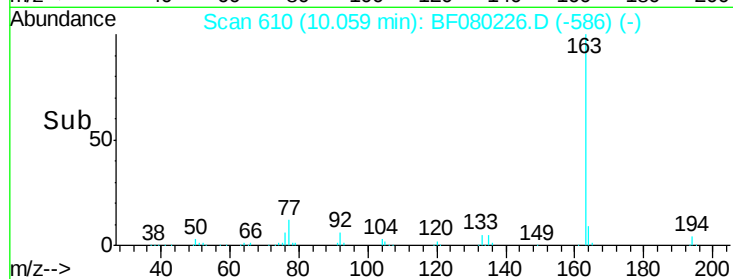
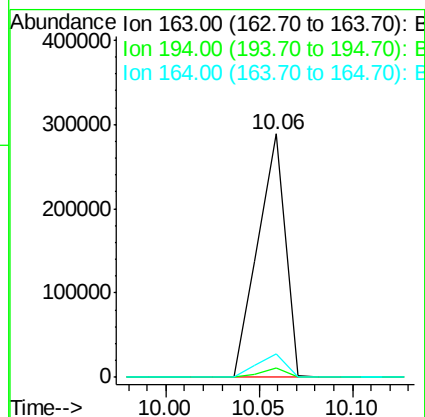
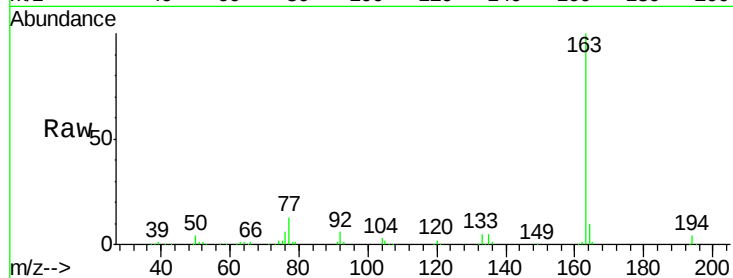




#49
Dimethylphthalate
Concen: 69.05 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

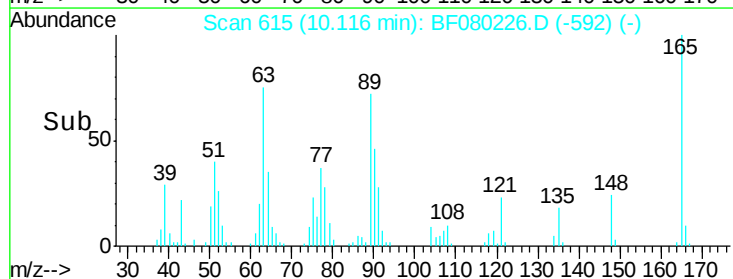
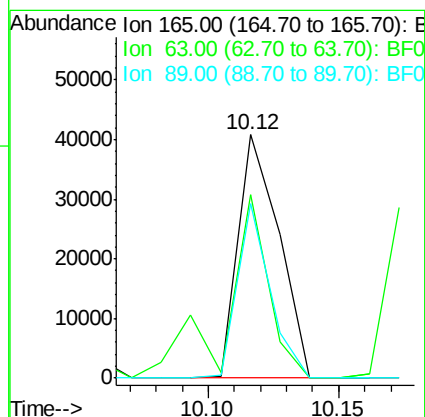
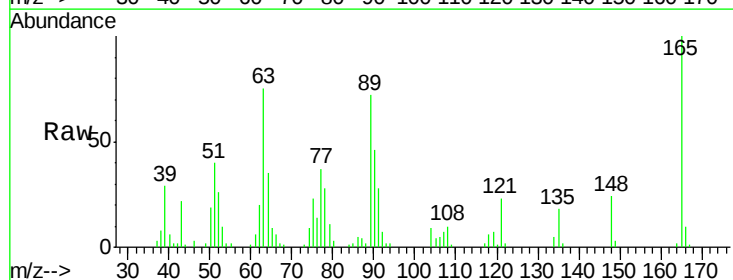
Instrument :
BNA_F
ClientSampleId :
SOILMS

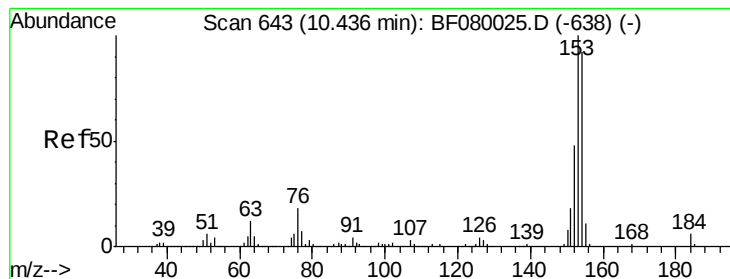
Tgt Ion:163 Resp: 293373
Ion Ratio Lower Upper
163 100
194 4.0 4.4 6.6#
164 9.8 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 52.62 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:165 Resp: 44817
Ion Ratio Lower Upper
165 100
63 75.4 32.3 48.5#
89 71.5 28.6 43.0#





#51

Acenaphthene

Concen: 48.57 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

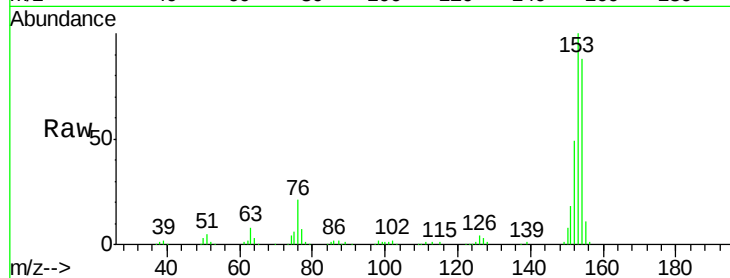
Tgt Ion:154 Resp: 185013

Ion Ratio Lower Upper

154 100

153 113.4 82.1 123.1

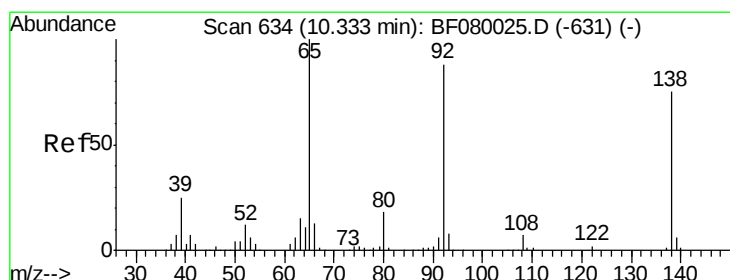
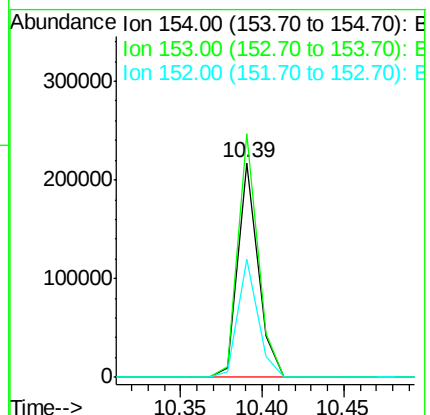
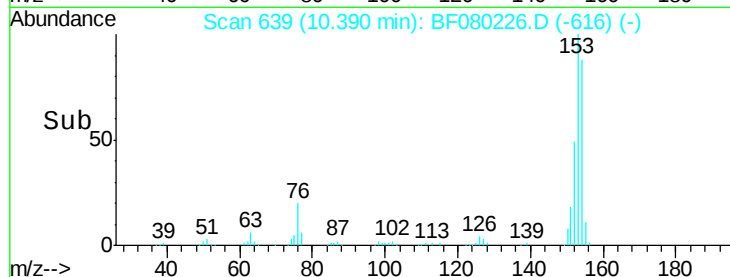
152 55.3 37.9 56.9



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: 50.17 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

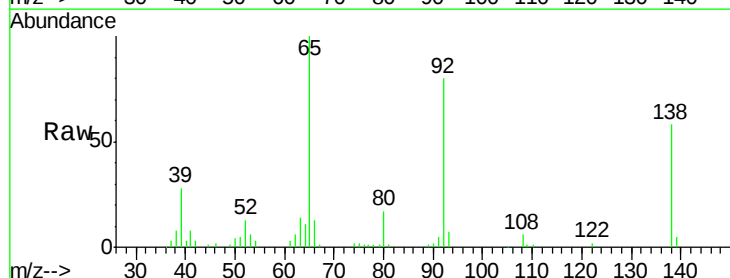
Tgt Ion:138 Resp: 49304

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

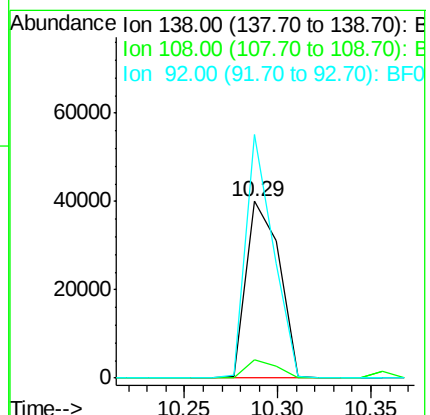
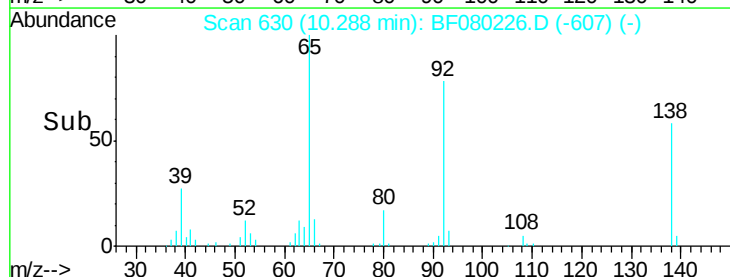
92 137.7 67.7 101.5#

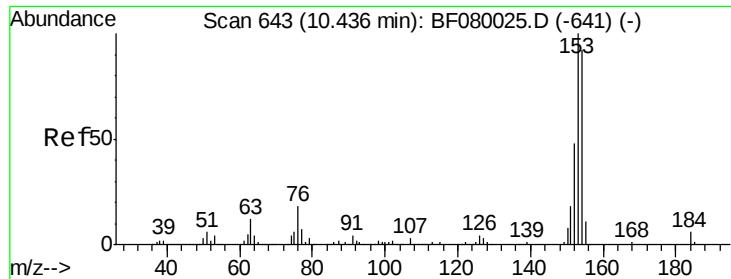


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

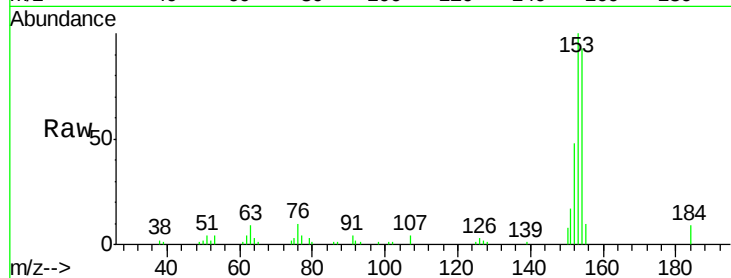




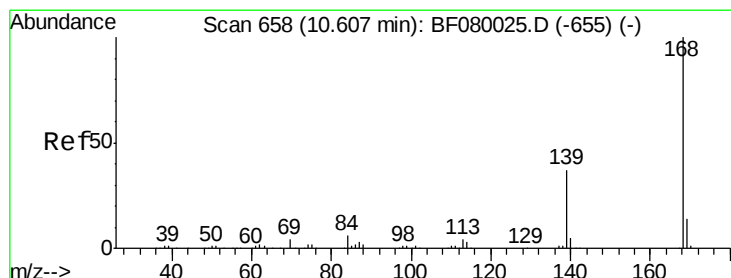
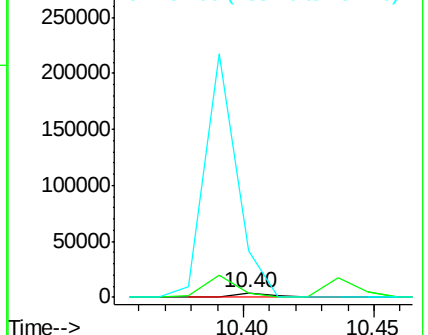
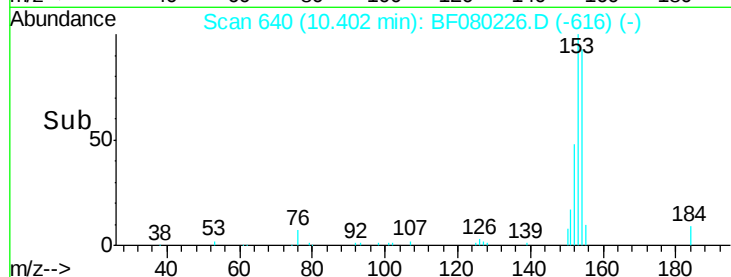
#53
2,4-Dinitrophenol
Concen: 15.14 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion:184 Resp: 3482
Ion Ratio Lower Upper
184 100
63 95.9 35.4 53.2#
154 1018.1 32.2 48.4#

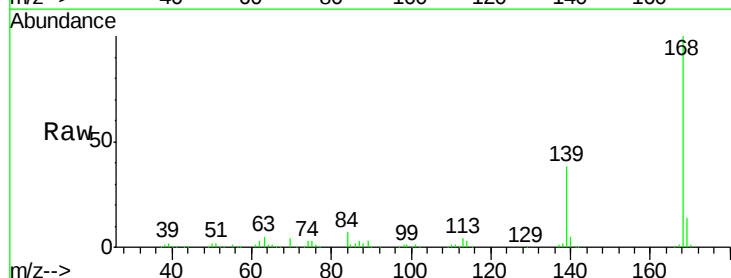


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

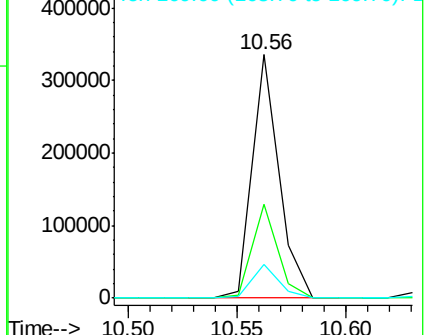
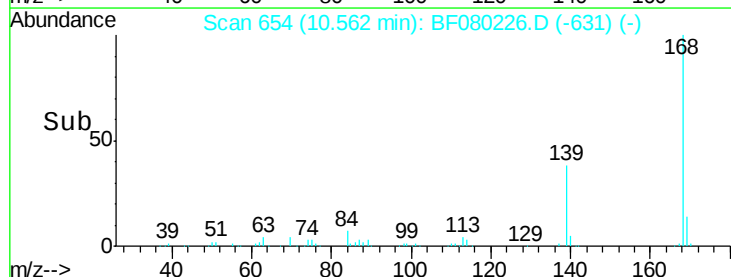


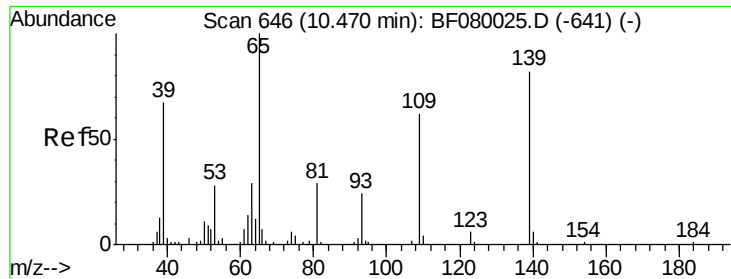
#54
Dibenzofuran
Concen: 53.14 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion:168 Resp: 287222
Ion Ratio Lower Upper
168 100
139 38.4 24.2 36.2#
169 14.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.28 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

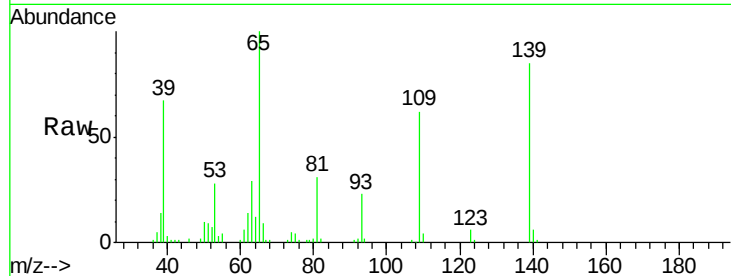
Tgt Ion:139 Resp: 58340

Ion Ratio Lower Upper

139 100

109 72.5 12.7 52.7#

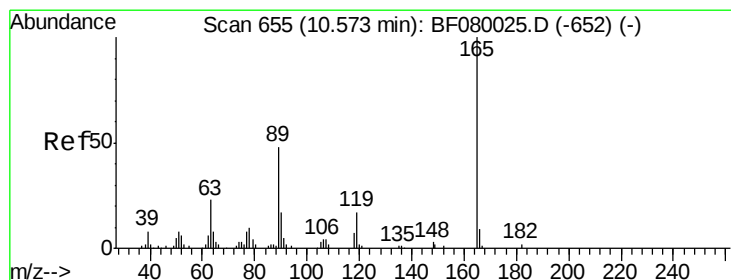
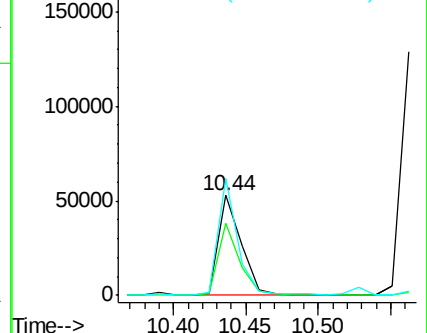
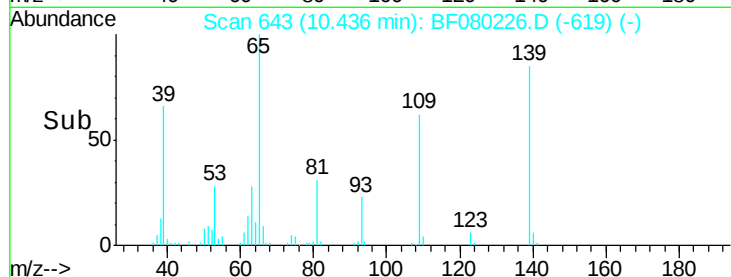
65 117.2 45.9 85.9#



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: 61.12 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:165 Resp: 66055

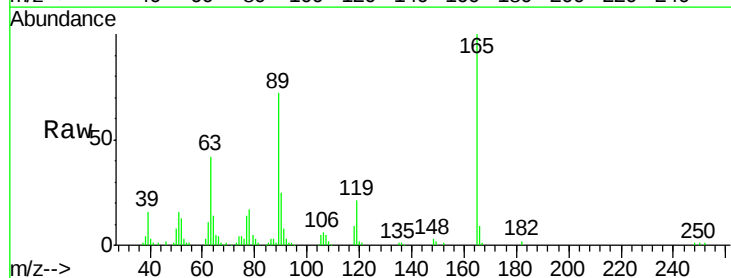
Ion Ratio Lower Upper

165 100

63 42.4 29.8 44.6

89 71.9 44.5 66.7#

182 2.2 3.0 4.4#

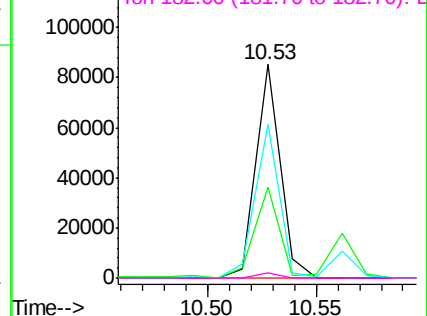
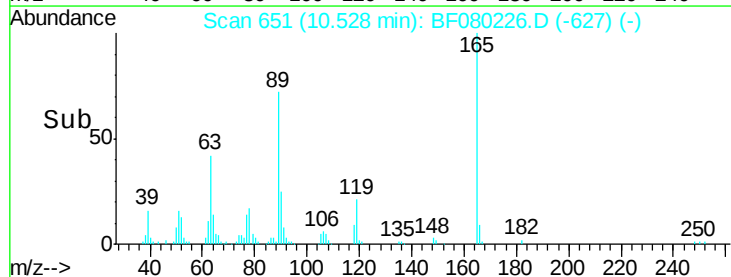


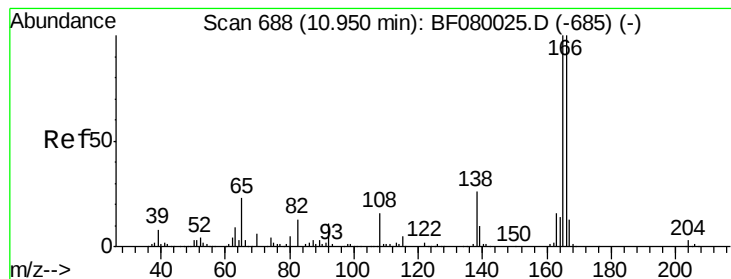
Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.64 ng

RT: 10.92 min Scan# 685

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

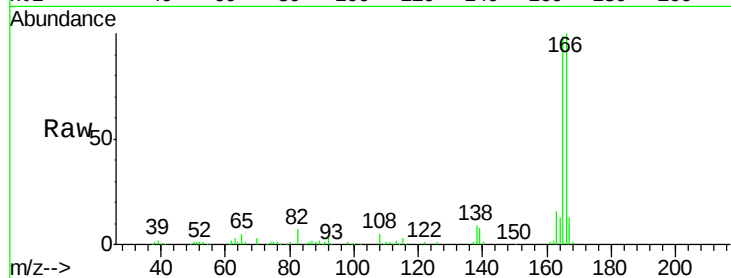
Tgt Ion:166 Resp: 221465

Ion Ratio Lower Upper

166 100

165 99.0 72.6 109.0

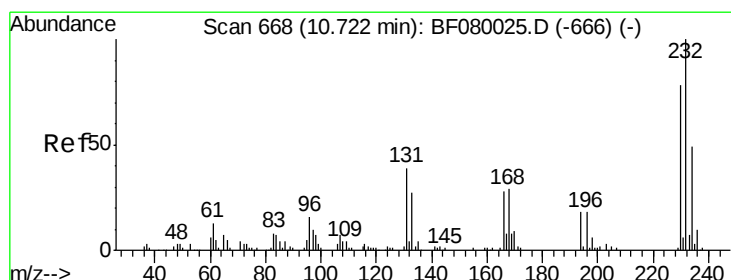
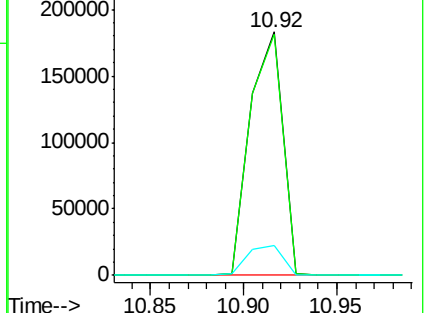
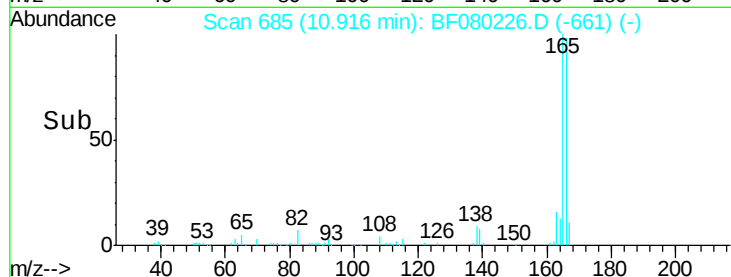
167 12.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.48 ng

RT: 10.68 min Scan# 664

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion:232 Resp: 47316

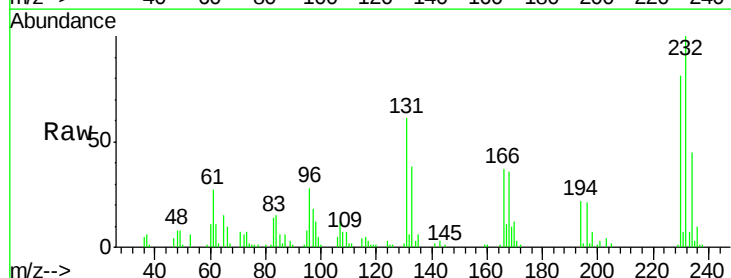
Ion Ratio Lower Upper

232 100

131 48.9 38.5 57.7

130 1.5 1.8 2.6#

166 31.2 25.0 37.6

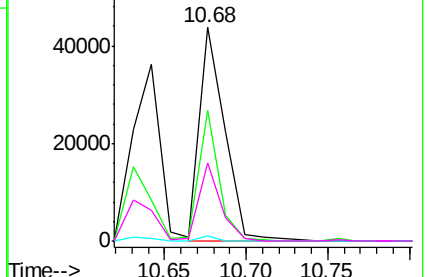
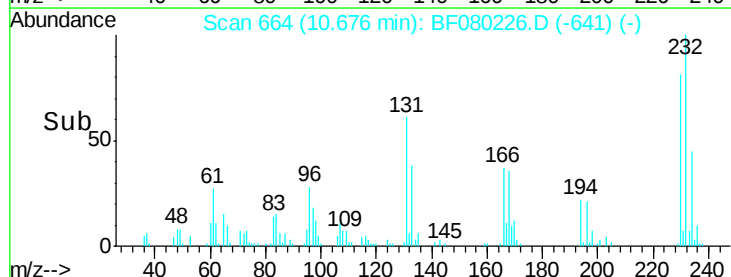


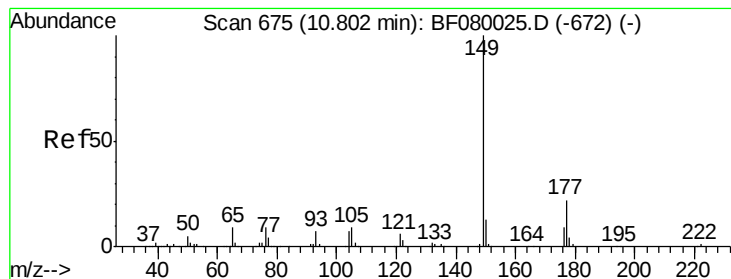
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 48.80 ng

RT: 10.76 min Scan# 671

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

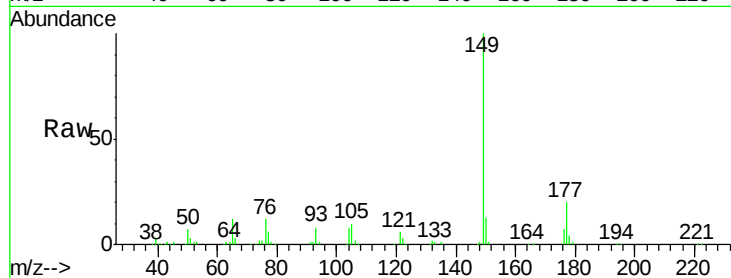
Tgt Ion:149 Resp: 208776

Ion Ratio Lower Upper

149 100

177 19.9 17.5 26.3

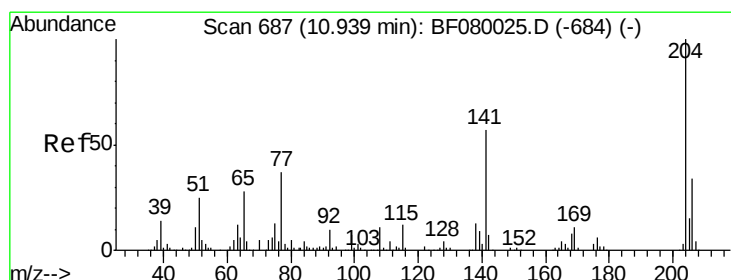
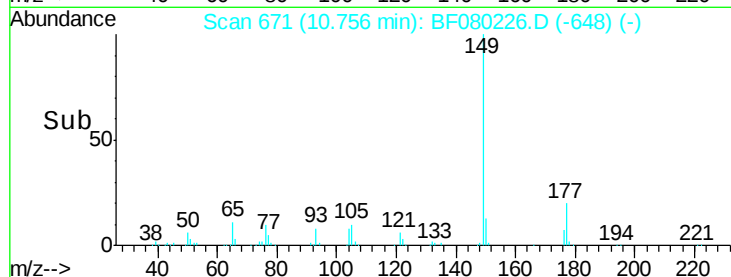
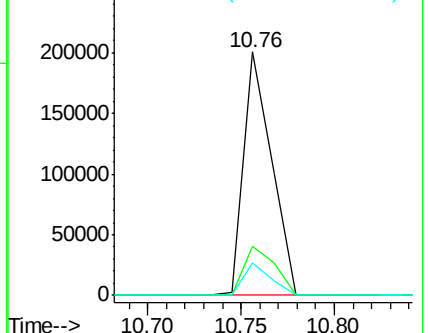
150 13.2 9.4 14.2



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: 52.63 ng

RT: 10.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

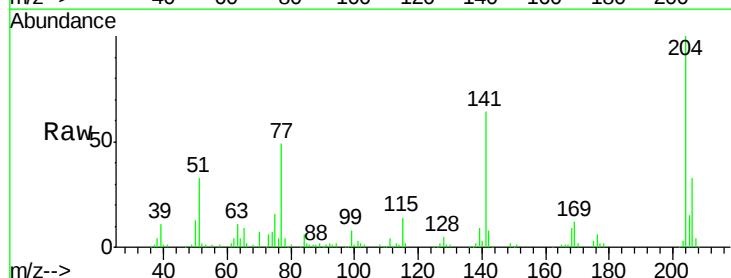
Tgt Ion:204 Resp: 108477

Ion Ratio Lower Upper

204 100

206 32.9 24.8 37.2

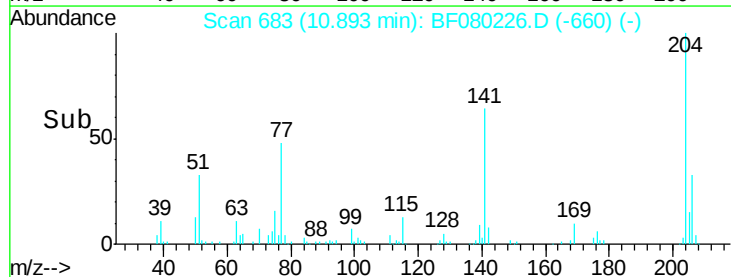
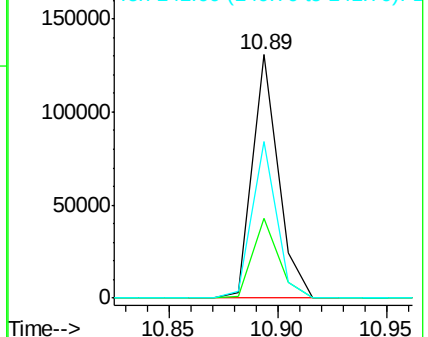
141 64.4 42.2 63.4#

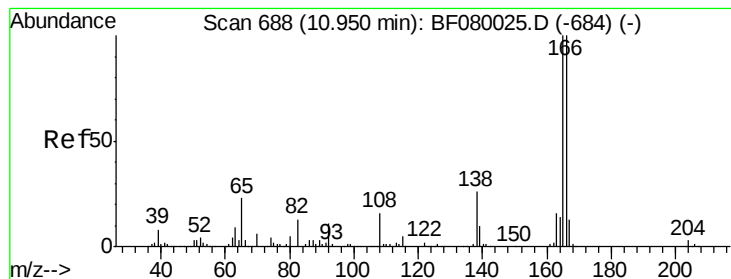


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.57 ng

RT: 10.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Instrument :

BNA_F

ClientSampleId :

SOILMS

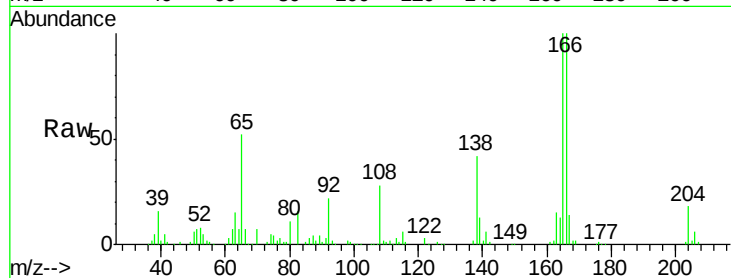
Tgt Ion:138 Resp: 52340

Ion Ratio Lower Upper

138 100

92 53.5 12.6 52.6#

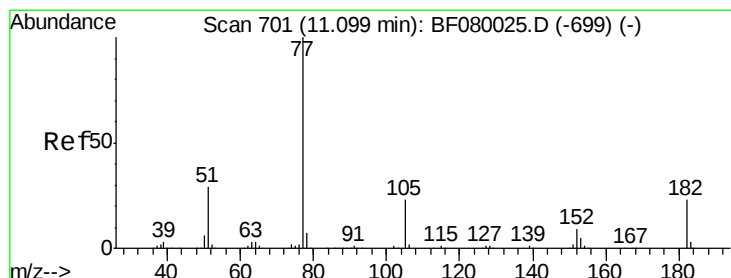
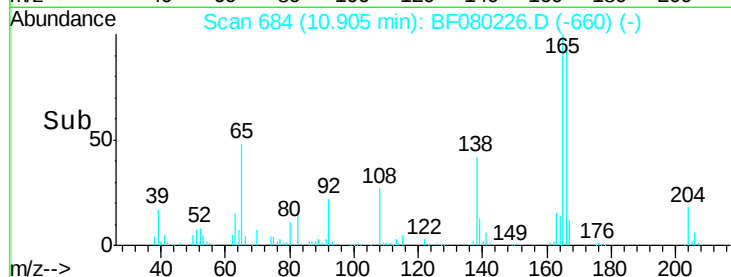
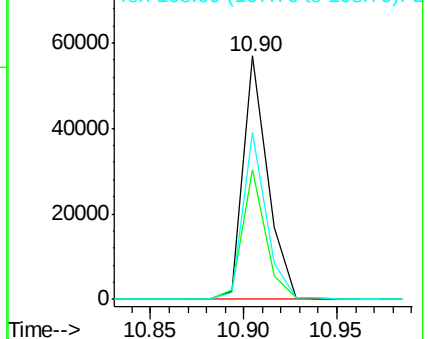
108 68.3 12.4 52.4#



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: 50.02 ng

RT: 11.05 min Scan# 697

Delta R.T. -0.03 min

Lab File: BF080226.D

Acq: 30 Jun 2015 2:44

Tgt Ion: 77 Resp: 217836

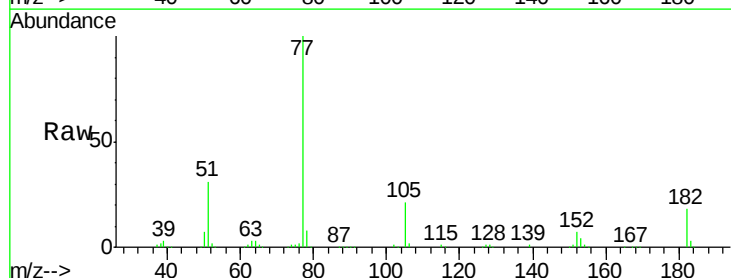
Ion Ratio Lower Upper

77 100

182 17.5 15.1 55.1

105 21.3 3.4 43.4

51 30.9 12.0 52.0

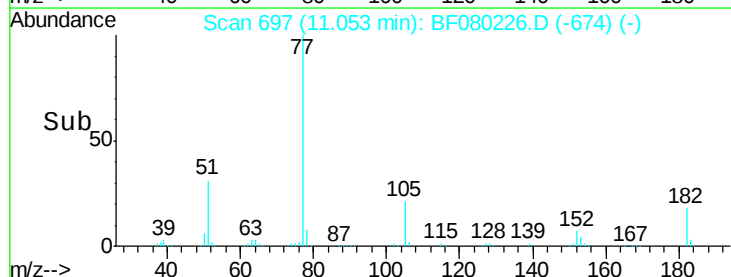
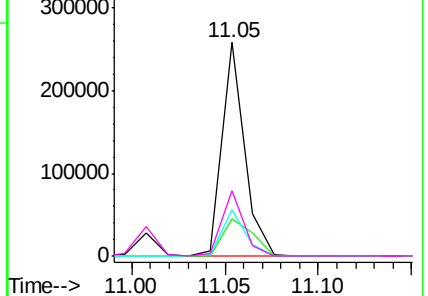


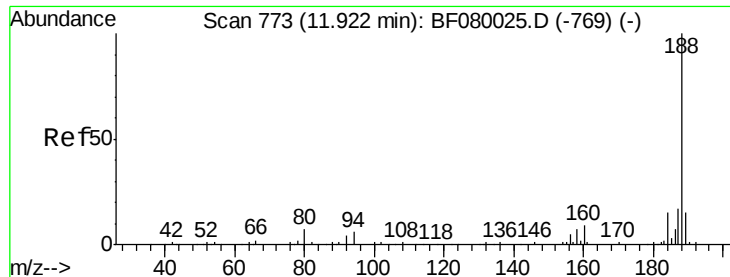
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

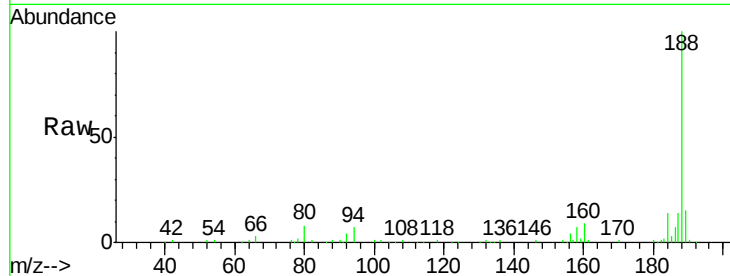




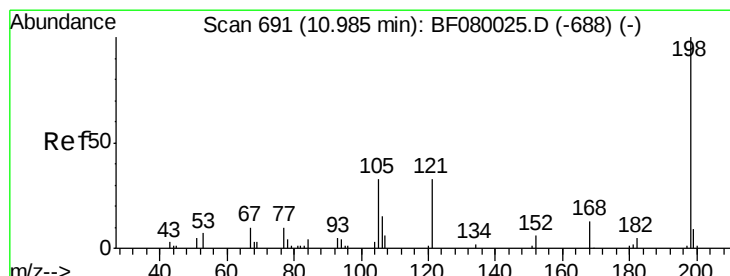
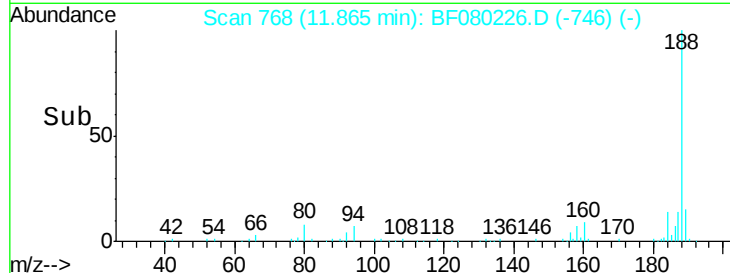
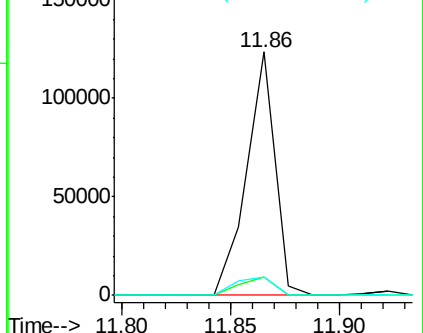
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:188 Resp: 112114
 Ion Ratio Lower Upper
 188 100
 94 7.4 11.1 16.7#
 80 7.7 11.0 16.4#

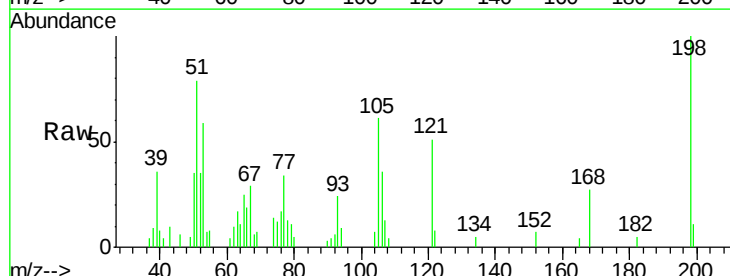


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

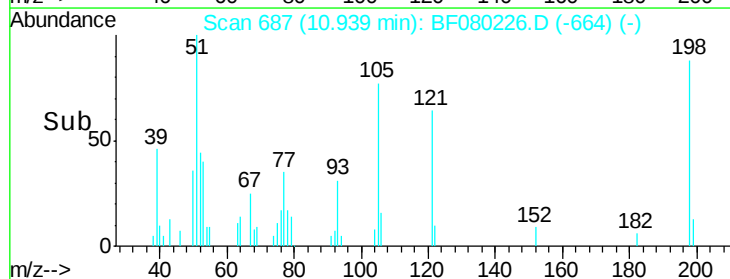
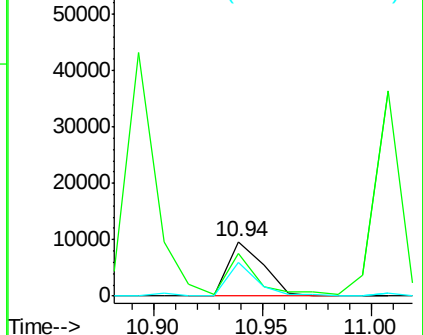


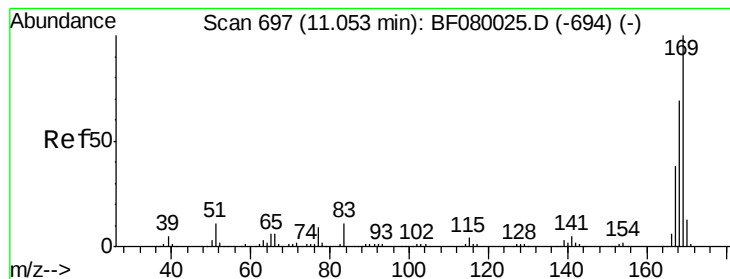
#64
 4,6-Dinitro-2-methylphenol
 Concen: 24.36 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:198 Resp: 10820
 Ion Ratio Lower Upper
 198 100
 51 79.3 39.6 79.6
 105 61.4 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

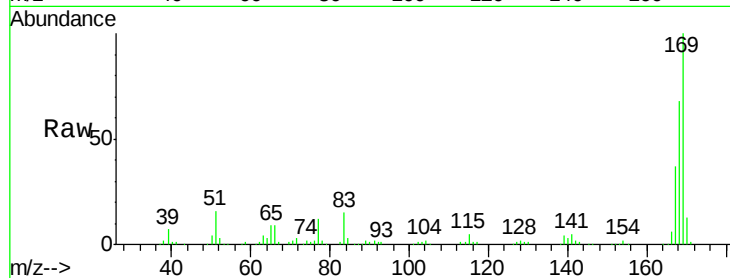




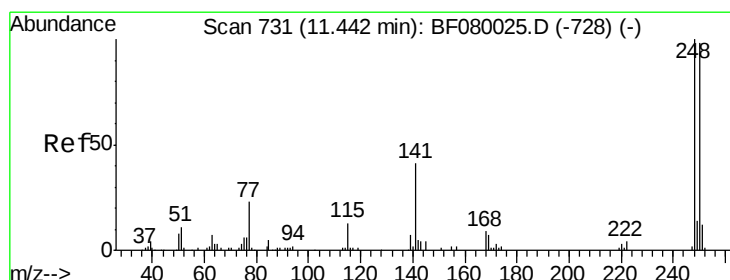
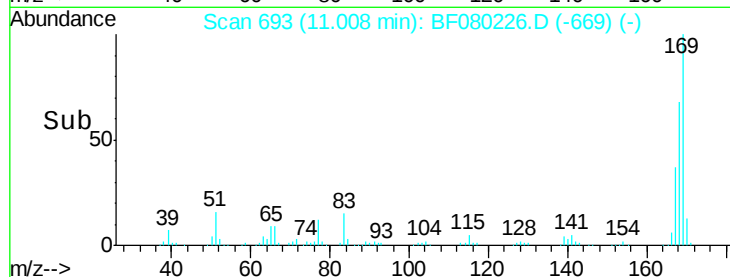
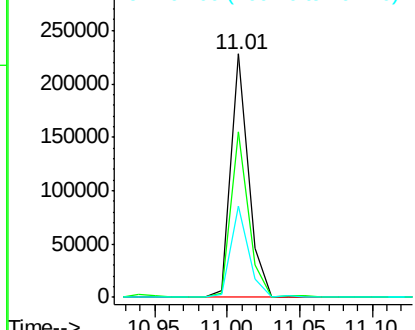
#65
 n-Nitrosodiphenylamine
 Concen: 52.92 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Instrument :
 BNA_F
 ClientSampleId :
 SOILMS

Tgt Ion:169 Resp: 193205
 Ion Ratio Lower Upper
 169 100
 168 68.2 48.9 73.3
 167 37.2 26.2 39.4

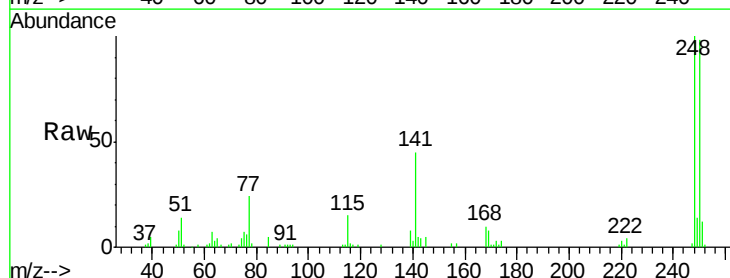


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

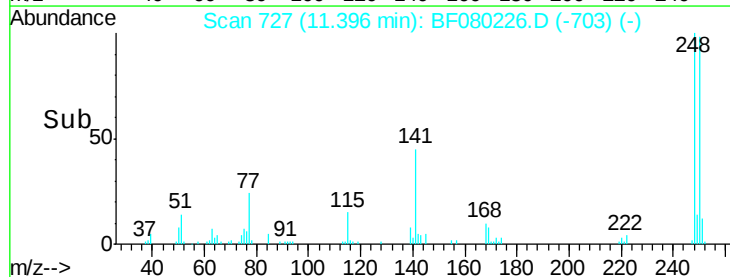
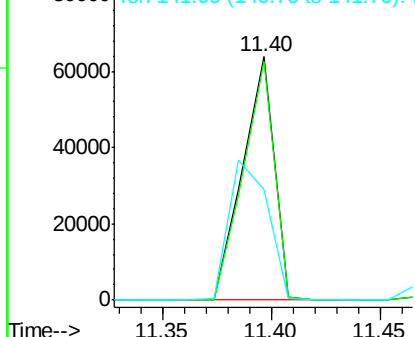


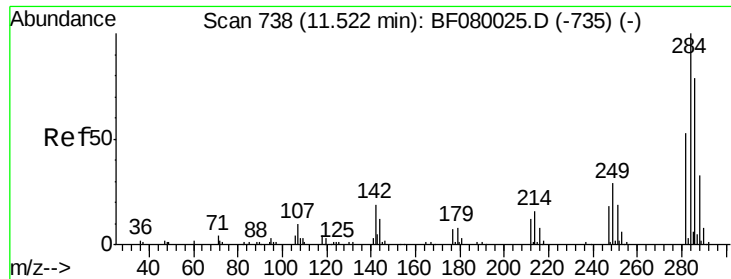
#66
 4-Bromophenyl-phenylether
 Concen: 53.87 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080226.D
 Acq: 30 Jun 2015 2:44

Tgt Ion:248 Resp: 64217
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.5 117.7
 141 45.5 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

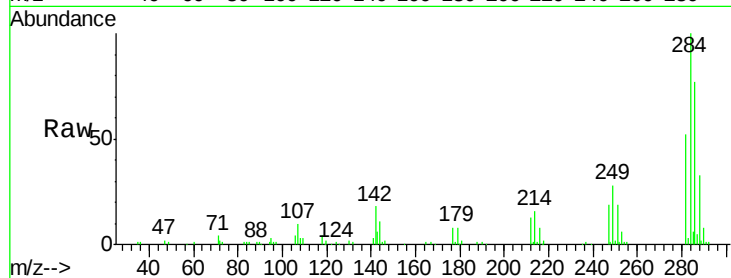




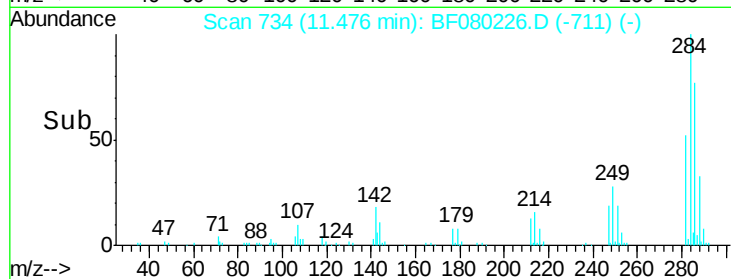
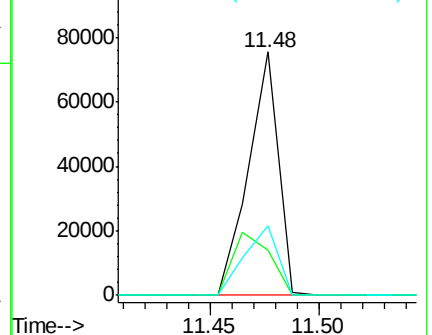
#67
Hexachlorobenzene
Concen: 54.15 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Instrument :
BNA_F
ClientSampleId :
SOILMS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.4	29.5	44.3#
249	28.3	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: 54.83 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080226.D
Acq: 30 Jun 2015 2:44

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.7	13.2	53.2
215	47.1	41.8	81.8

Ref

Raw

Sub