

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
 Data File : BF080212.D
 Acq On : 29 Jun 2015 18:06
 Operator : TP/IZ
 Sample : G2813-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Quant Time: Jun 30 01:44:28 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	28830	20.00	ng	-0.03
21) Naphthalene-d8	8.58	136	113771	20.00	ng	-0.03
38) Acenaphthene-d10	10.36	164	58269	20.00	ng	-0.03
63) Phenanthrene-d10	11.86	188	118223	20.00	ng	-0.05
75) Chrysene-d12	14.87	240	119650	20.00	ng	-0.13
86) Perylene-d12	16.77	264	123467	20.00	ng	-0.16

System Monitoring Compounds

5) 2-Fluorophenol	5.90	112	214619	131.78	ng	-0.03
7) Phenol-d6	6.90	99	281074	129.69	ng	-0.02
23) Nitrobenzene-d5	7.85	82	203160	103.96	ng	-0.02
41) 2,4,6-Tribromophenol	11.16	330	90119	158.16	ng	-0.02
44) 2-Fluorobiphenyl	9.66	172	388882	95.18	ng	-0.03
78) Terphenyl-d14	13.57	244	501727	97.93	ng	-0.10

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.16	88	21695	28.03	ng	89
3) Pyridine	4.01	79	41263	20.04	ng	# 83
4) n-Nitrosodimethylamine	3.89	42	37284	38.11	ng	97
6) Aniline	6.95	93	43964	14.74	ng	95
8) 2-Chlorophenol	7.08	128	85291	45.31	ng	89
9) Benzaldehyde	6.84	77	53851	43.04	ng	# 70
10) Phenol	6.92	94	100609	42.54	ng	86
11) bis(2-Chloroethyl)ether	7.01	93	77153	41.12	ng	95
12) 1,3-Dichlorobenzene	7.24	146	90754	40.13	ng	# 92
13) 1,4-Dichlorobenzene	7.32	146	94163	43.79	ng	96
14) 1,2-Dichlorobenzene	7.32	146	94163	45.00	ng	99
15) Benzyl Alcohol	7.42	79	75601	42.66	ng	# 74
16) 2,2'-oxybis(1-Chloropropan	7.56	45	133951	48.09	ng	89
17) 2-Methylphenol	7.53	107	68210	42.42	ng	# 89
18) Hexachloroethane	7.82	117	31185	43.55	ng	# 79
19) n-Nitroso-di-n-propylamine	7.69	70	62984	41.86	ng	# 77
20) 3+4-Methylphenols	7.68	107	96304	46.41	ng	91
22) Acetophenone	7.69	105	124879	47.10	ng	# 83
24) Nitrobenzene	7.88	77	90333	44.78	ng	# 80
25) Isophorone	8.10	82	173986	44.24	ng	# 84
26) 2-Nitrophenol	8.20	139	43546	51.58	ng	# 78
27) 2,4-Dimethylphenol	8.22	122	85211	48.40	ng	# 84
28) bis(2-Chloroethoxy)methane	8.31	93	109365	47.33	ng	# 91
29) 2,4-Dichlorophenol	8.44	162	82680	54.84	ng	98
30) 1,2,4-Trichlorobenzene	8.53	180	83982	49.05	ng	98
31) Naphthalene	8.61	128	269860	45.37	ng	99
32) Benzoic acid	8.28	122	41531	39.02	ng	# 61
33) 4-Chloroaniline	8.64	127	30927	12.15	ng	# 81
34) Hexachlorobutadiene	8.73	225	44720	42.42	ng	97
35) Caprolactam	8.98	113	21823	44.59	ng	99
36) 4-Chloro-3-methylphenol	9.12	107	78001	45.87	ng	94
37) 2-Methylnaphthalene	9.30	142	197559	51.34	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.48	216	88466	52.17	ng	97
40) Hexachlorocyclopentadiene	9.46	237	65752	75.72	ng	97

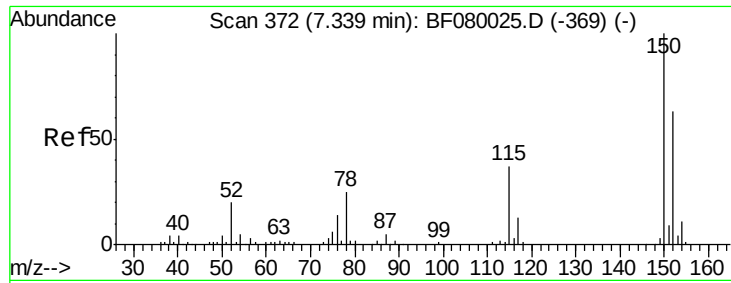
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062915\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.58	196	61954	53.70	ng	99
43) 2,4,5-Trichlorophenol	9.61	196	61462	46.24	ng #	90
45) 1,1'-Biphenyl	9.76	154	222154	46.86	ng	93
46) 2-Chloronaphthalene	9.80	162	184129	47.87	ng	96
47) 2-Nitroaniline	9.88	65	51061	48.36	ng #	57
48) Acenaphthylene	10.22	152	316824	49.35	ng	97
49) Dimethylphthalate	10.06	163	215069	49.09	ng #	96
50) 2,6-Dinitrotoluene	10.12	165	43215	49.21	ng #	49
51) Acenaphthene	10.39	154	198157	50.45	ng	91
52) 3-Nitroaniline	10.29	138	27273	26.92	ng #	52
53) 2,4-Dinitrophenol	10.40	184	35544	98.02	ng #	29
54) Dibenzofuran	10.56	168	272267	48.85	ng #	88
55) 4-Nitrophenol	10.44	139	67166	82.93	ng #	38
56) 2,4-Dinitrotoluene	10.53	165	67895	60.92	ng #	85
57) Fluorene	10.92	166	211725	47.88	ng	89
58) 2,3,4,6-Tetrachlorophenol	10.68	232	52305	46.61	ng	99
59) Diethylphthalate	10.76	149	208637	47.30	ng	96
60) 4-Chlorophenyl-phenylether	10.89	204	104114	48.99	ng #	89
61) 4-Nitroaniline	10.90	138	48543	46.39	ng #	51
62) Azobenzene	11.05	77	214565	47.78	ng	87
64) 4,6-Dinitro-2-methylphenol	10.94	198	24966	43.49	ng	86
65) n-Nitrosodiphenylamine	11.01	169	190558	49.50	ng	93
66) 4-Bromophenyl-phenylether	11.40	248	62011	49.33	ng #	85
67) Hexachlorobenzene	11.48	284	68336	48.91	ng #	78
68) Atrazine	11.53	200	56600	46.54	ng	83
69) Pentachlorophenol	11.66	266	68269	86.23	ng	99
70) Phenanthrene	11.89	178	331870	46.37	ng	97
71) Anthracene	11.94	178	350435	50.85	ng	98
72) Carbazole	12.09	167	303466	46.12	ng	96
73) Di-n-butylphthalate	12.42	149	363464	47.81	ng #	99
74) Fluoranthene	13.16	202	345455	45.32	ng	93
76) Benzidine	13.28	184	88637	26.50	ng	97
77) Pyrene	13.42	202	370021	50.23	ng	96
79) Butylbenzylphthalate	14.13	149	145480	49.18	ng	96
80) Benzo(a)anthracene	14.85	228	351365	48.20	ng	96
81) 3,3'-Dichlorobenzidine	14.80	252	75749	30.13	ng #	92
82) Chrysene	14.91	228	331705	49.35	ng	95
83) Bis(2-ethylhexyl)phthalate	14.84	149	208489	44.59	ng	95
84) Di-n-octyl phthalate	15.66	149	335451	41.87	ng	96
85) Indeno(1,2,3-cd)pyrene	18.61	276	411805	48.58	ng #	88
87) Benzo(b)fluoranthene	16.23	252	396674	53.06	ng #	87
88) Benzo(k)fluoranthene	16.27	252	315387	41.43	ng #	88
89) Benzo(a)pyrene	16.69	252	351226	49.47	ng #	88
90) Dibenzo(a,h)anthracene	18.63	278	344602	47.42	ng #	83
91) Benzo(g,h,i)perylene	19.17	276	349614	47.65	ng #	76

(#) = 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: BF080212.D

Acq: 29 Jun 2015 18:06

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SOIL-STOCKPILE-TMS

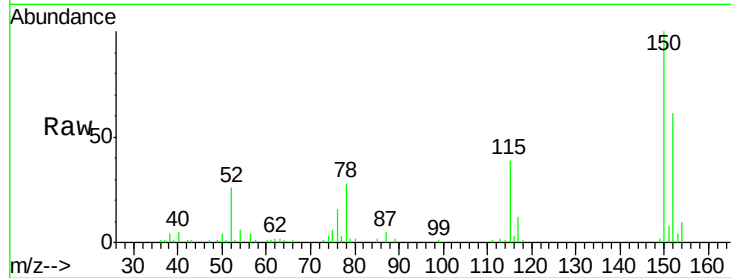
Tgt Ion:152 Resp: 28830

Ion Ratio Lower Upper

152 100

150 162.8 124.7 187.1

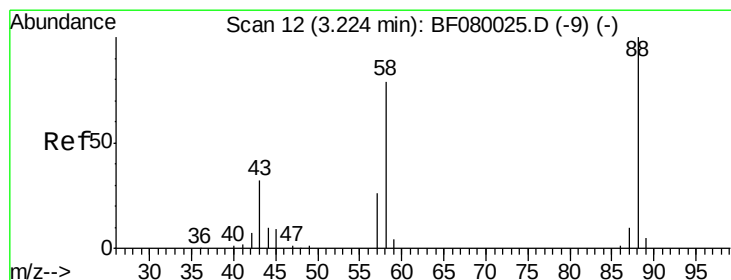
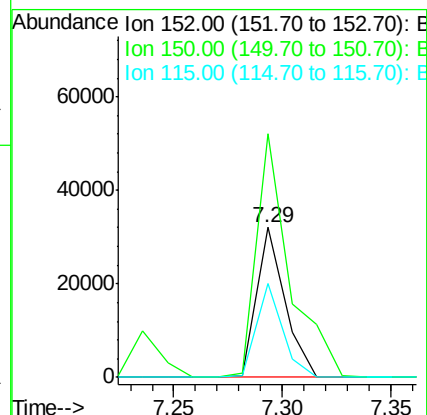
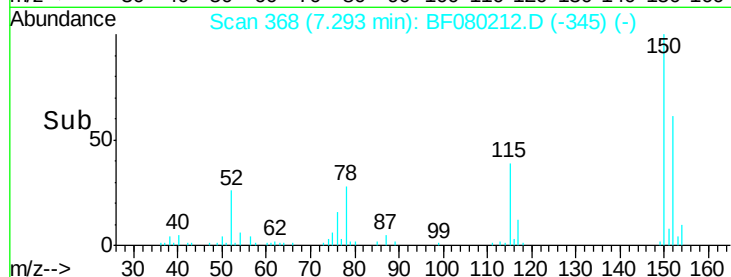
115 63.1 39.0 58.4#



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: 28.03 ng

RT: 3.16 min Scan# 6

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

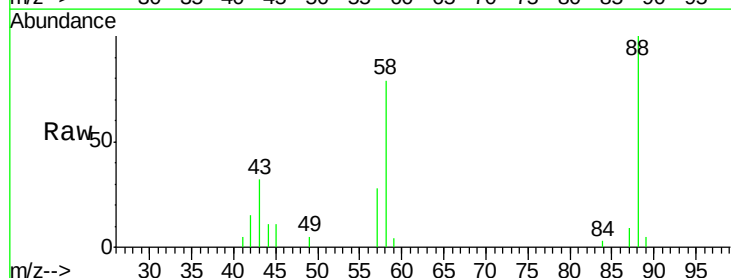
Tgt Ion: 88 Resp: 21695

Ion Ratio Lower Upper

88 100

58 83.4 77.7 116.5

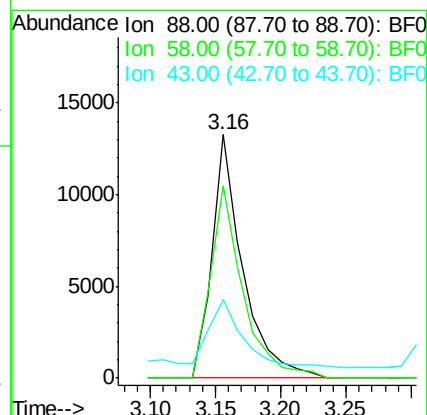
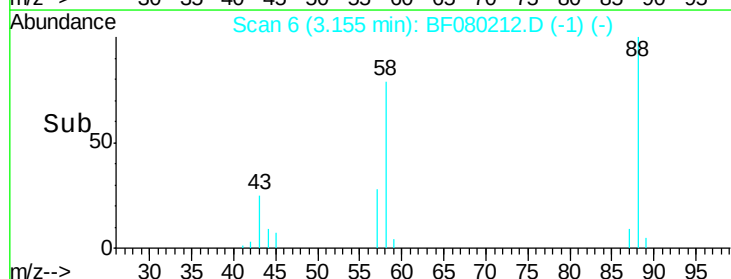
43 31.7 26.6 40.0

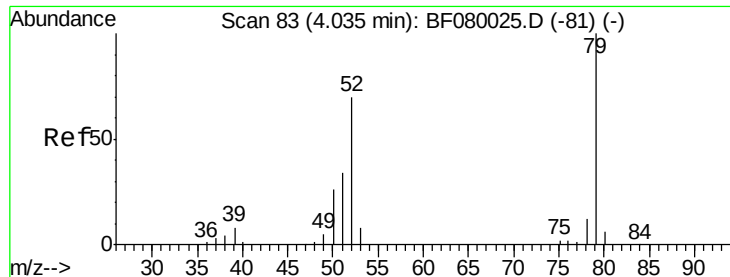


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 20.04 ng

RT: 4.01 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

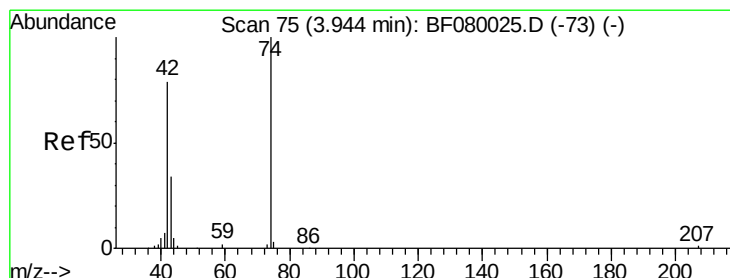
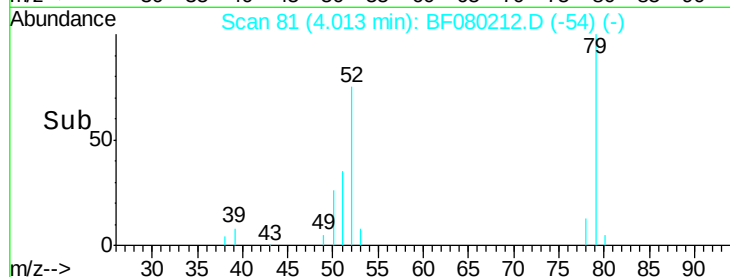
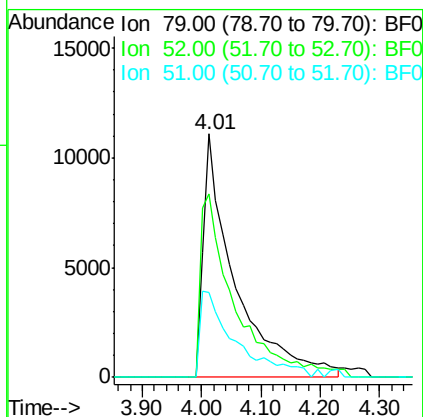
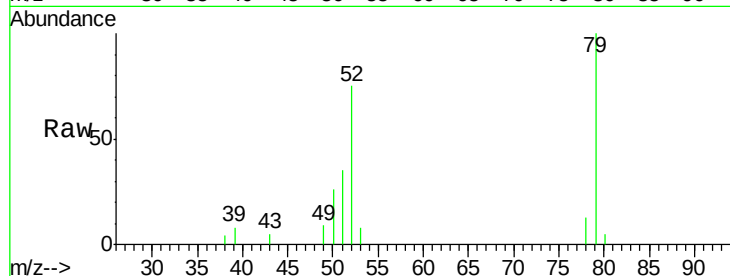
Tgt Ion: 79 Resp: 41263

Ion Ratio Lower Upper

79 100

52 75.4 76.8 115.2#

51 35.0 32.2 48.4



#4

n-Nitrosodimethylamine

Concen: 38.11 ng

RT: 3.89 min Scan# 70

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

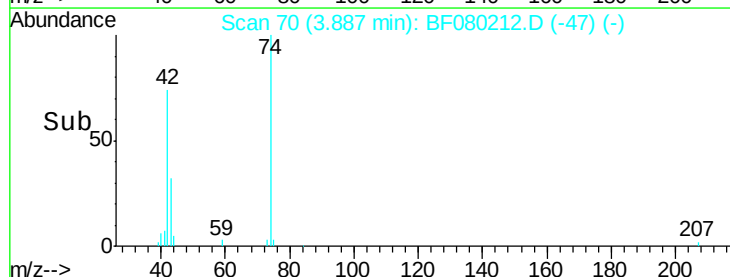
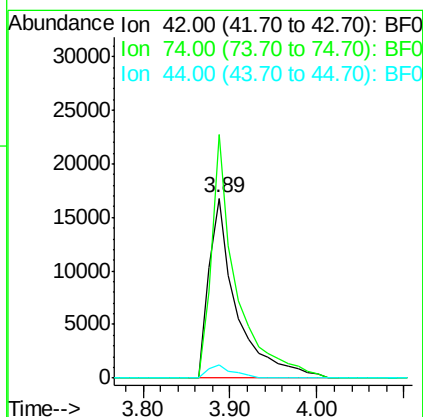
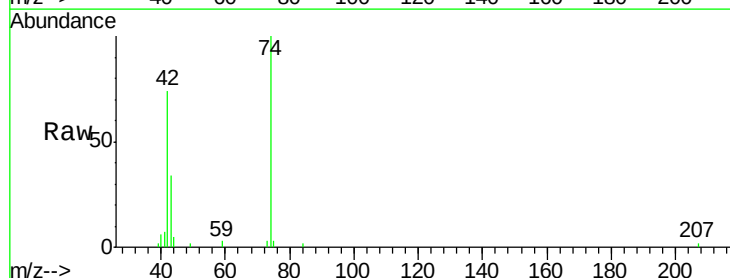
Tgt Ion: 42 Resp: 37284

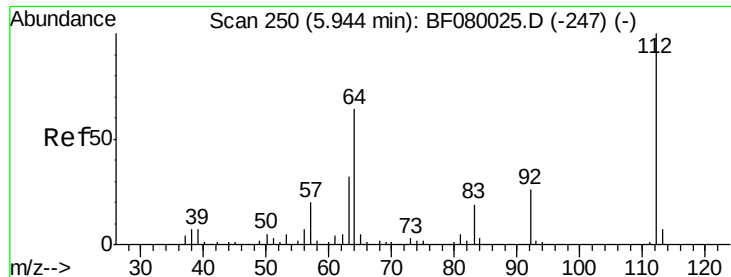
Ion Ratio Lower Upper

42 100

74 135.4 105.0 157.6

44 7.4 6.6 10.0





#5

2-Fluorophenol

Concen: 131.78 ng

RT: 5.90 min Scan# 246

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

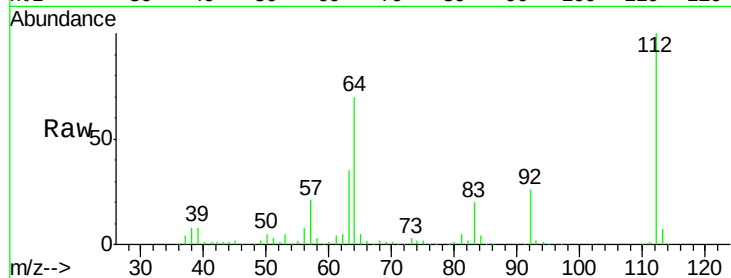
Tgt Ion: 112 Resp: 214619

Ion Ratio Lower Upper

112 100

64 69.8 39.7 59.5#

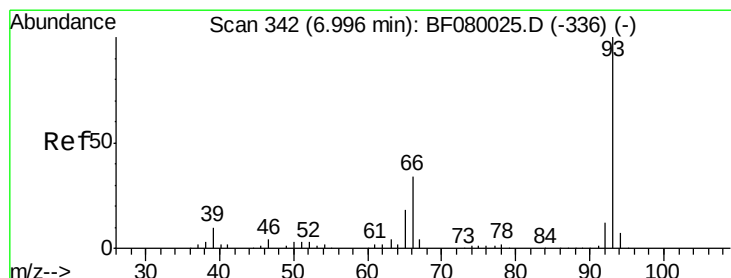
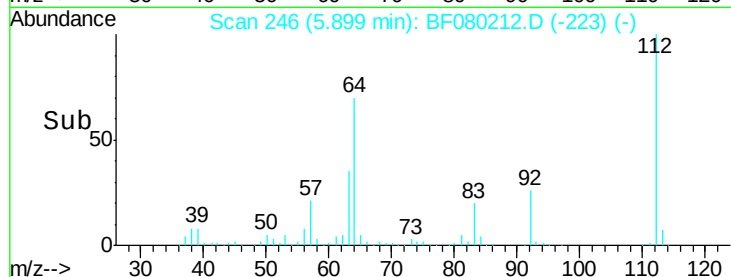
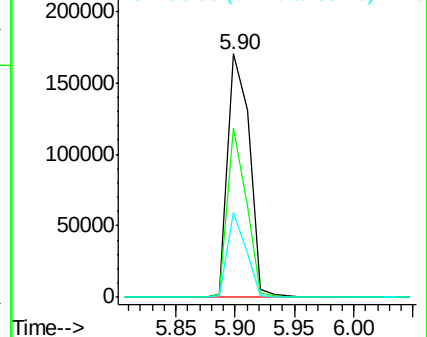
63 34.7 17.4 26.0#



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: 14.74 ng

RT: 6.95 min Scan# 338

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

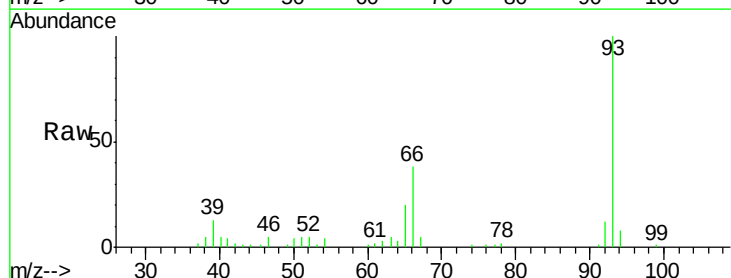
Tgt Ion: 93 Resp: 43964

Ion Ratio Lower Upper

93 100

66 37.6 27.2 40.8

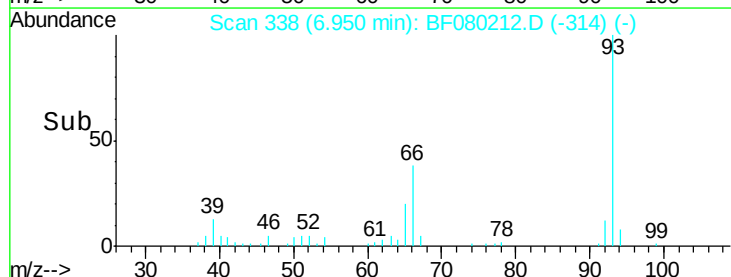
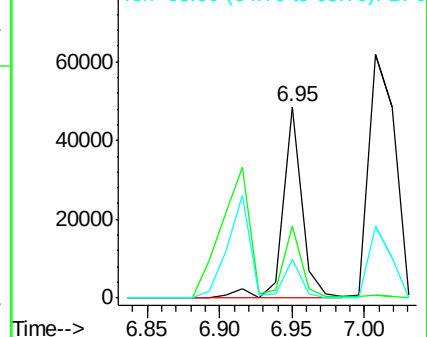
65 20.0 14.7 22.1

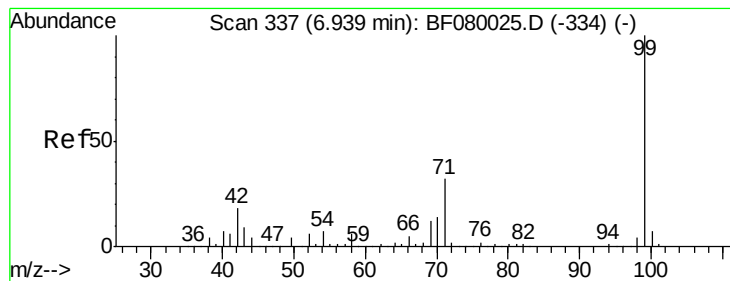


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.69 ng

RT: 6.90 min Scan# 334

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

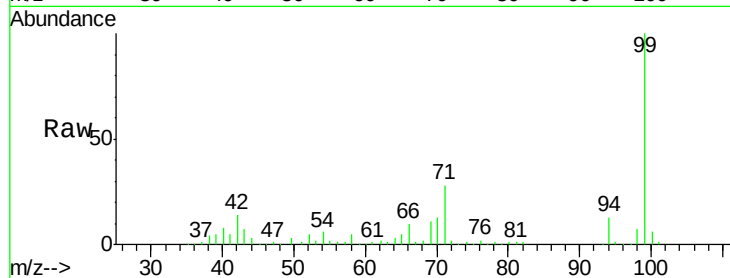
Tgt Ion: 99 Resp: 281074

Ion Ratio Lower Upper

99 100

42 13.8 13.7 20.5

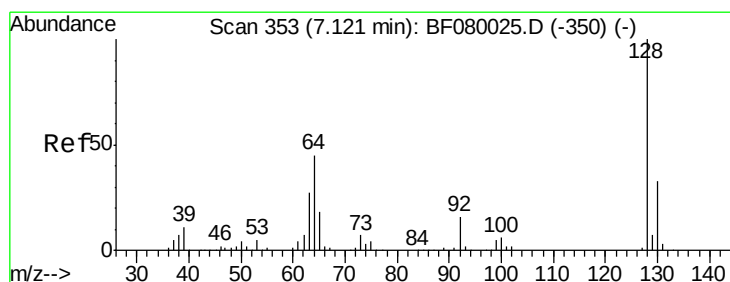
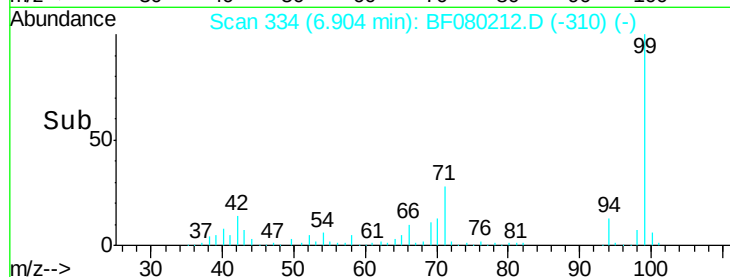
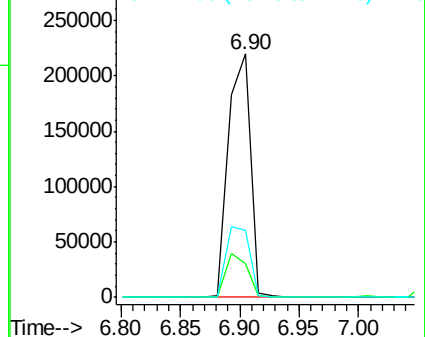
71 27.7 14.2 21.2#



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: 45.31 ng

RT: 7.08 min Scan# 349

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

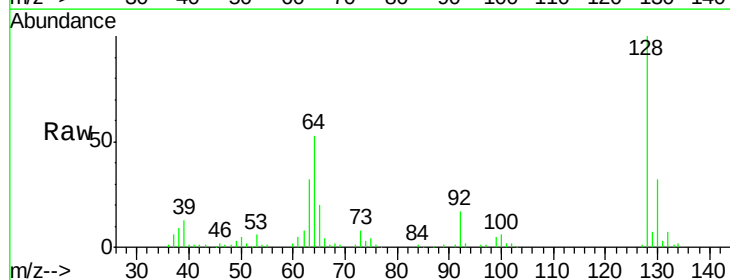
Tgt Ion: 128 Resp: 85291

Ion Ratio Lower Upper

128 100

130 31.6 12.2 52.2

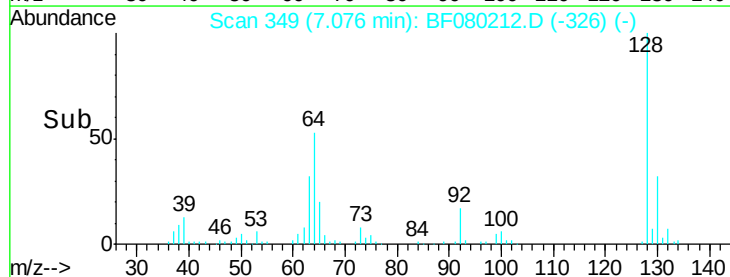
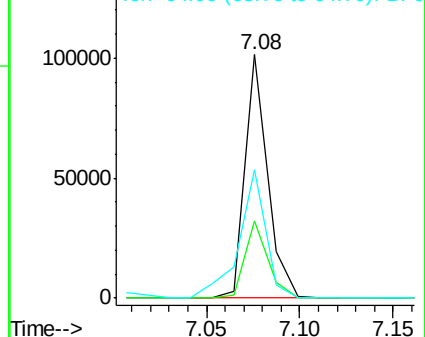
64 52.5 20.5 60.5

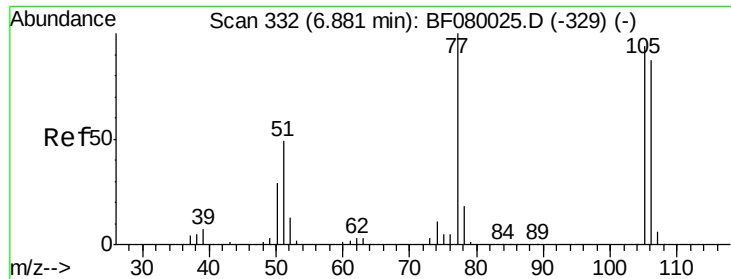


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 43.04 ng

RT: 6.84 min Scan# 328

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

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ClientSampleId :

SOIL-STOCKPILE-TMS

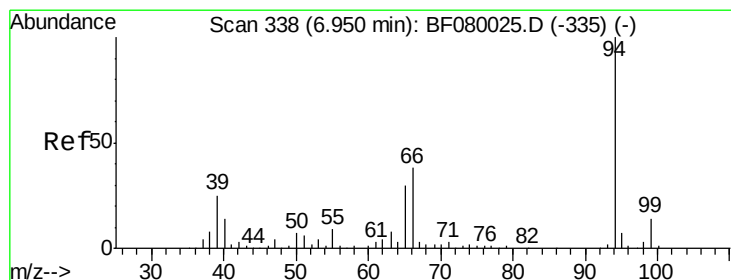
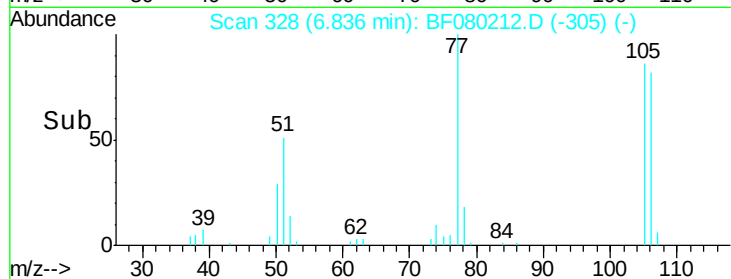
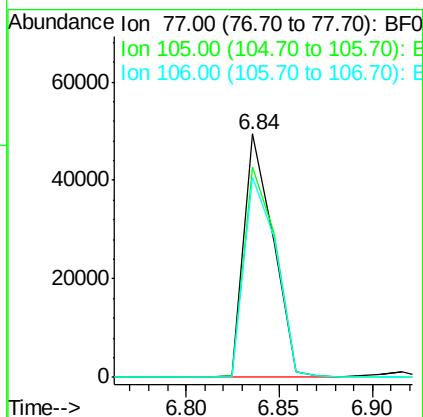
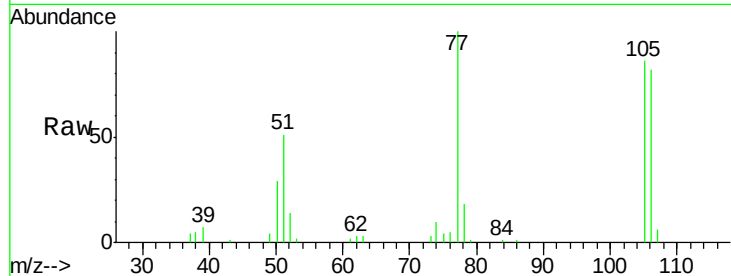
Tgt Ion: 77 Resp: 53851

Ion Ratio Lower Upper

77 100

105 86.3 91.6 131.6#

106 82.1 102.6 142.6#



#10

Phenol

Concen: 42.54 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

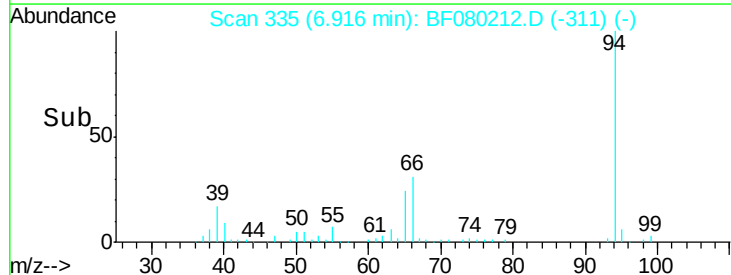
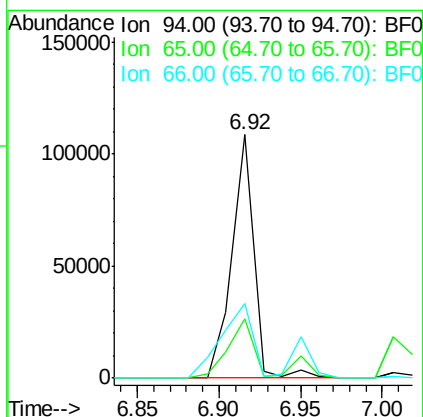
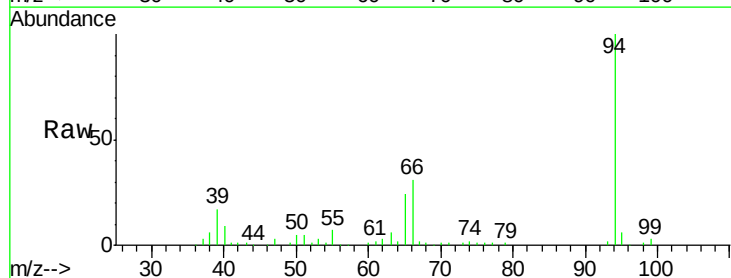
Tgt Ion: 94 Resp: 100609

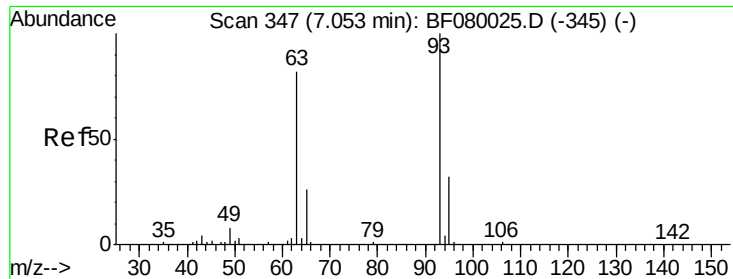
Ion Ratio Lower Upper

94 100

65 24.2 0.7 40.7

66 30.6 0.8 40.8





#11

bis(2-Chloroethyl)ether

Concen: 41.12 ng

RT: 7.01 min Scan# 343

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

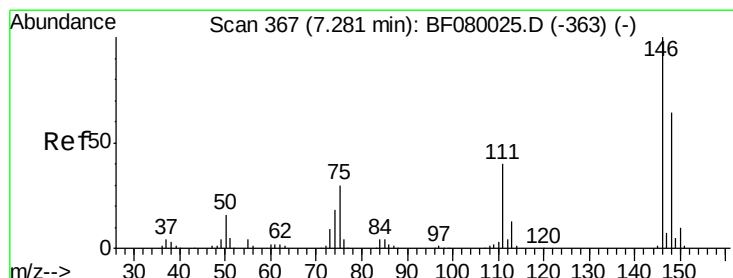
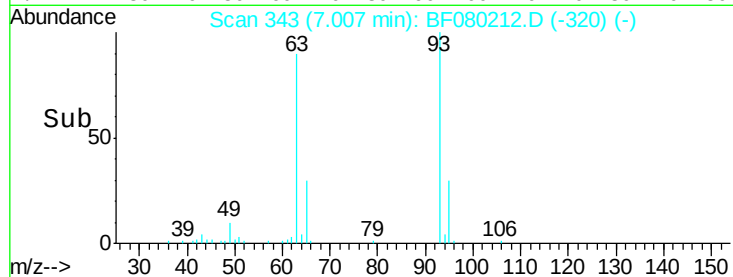
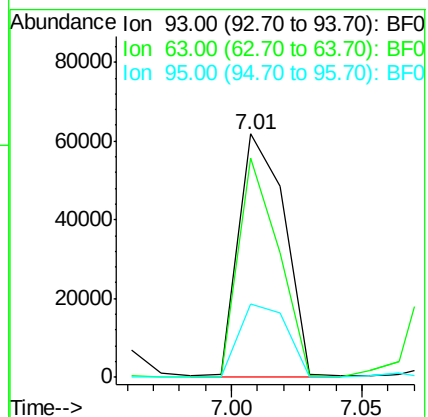
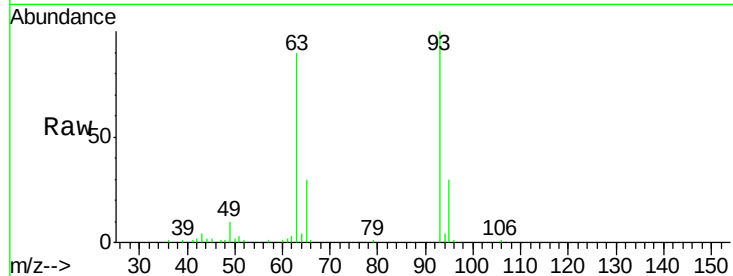
Tgt Ion: 93 Resp: 77153

Ion Ratio Lower Upper

93 100

63 90.3 65.6 105.6

95 30.0 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 40.13 ng

RT: 7.24 min Scan# 363

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

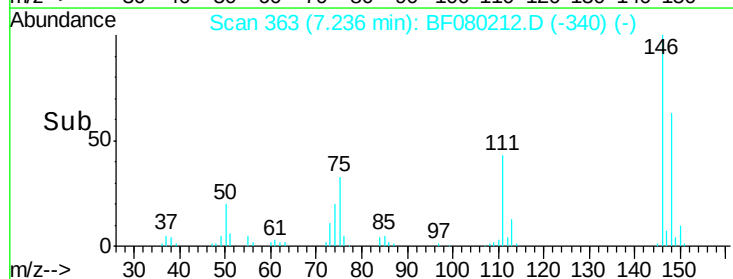
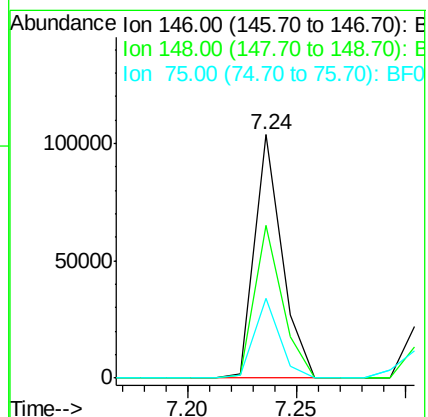
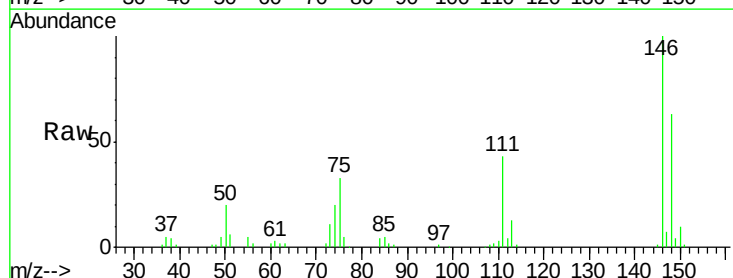
Tgt Ion: 146 Resp: 90754

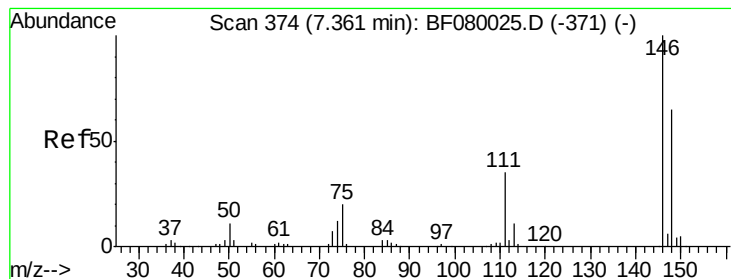
Ion Ratio Lower Upper

146 100

148 62.8 51.0 76.4

75 33.0 15.0 22.6#





#13

1,4-Dichlorobenzene

Concen: 43.79 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

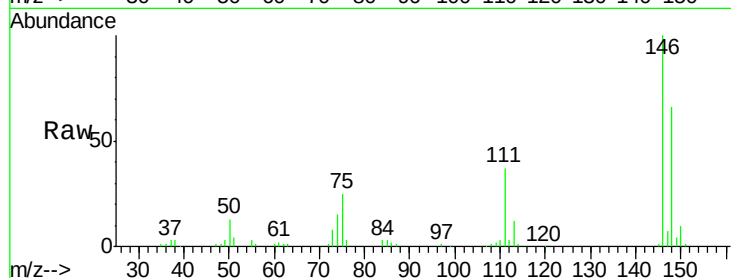
Tgt Ion:146 Resp: 94163

Ion Ratio Lower Upper

146 100

148 65.6 51.8 77.6

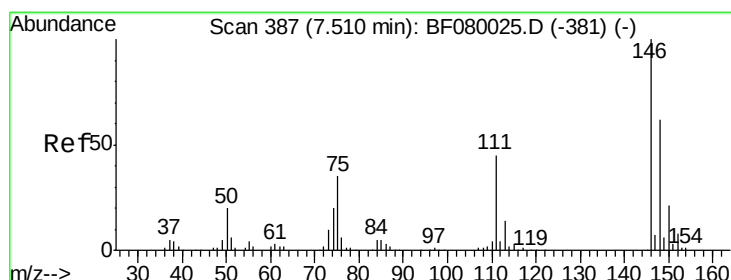
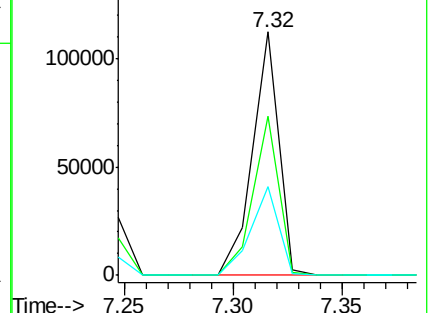
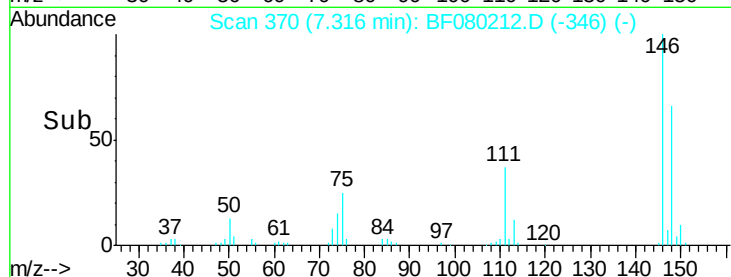
111 36.6 24.9 37.3



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: 45.00 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.18 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

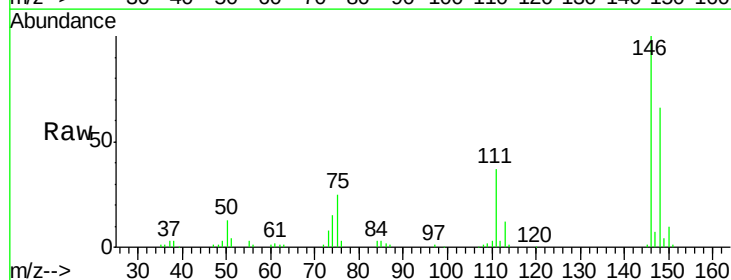
Tgt Ion:146 Resp: 94163

Ion Ratio Lower Upper

146 100

148 65.6 52.7 79.1

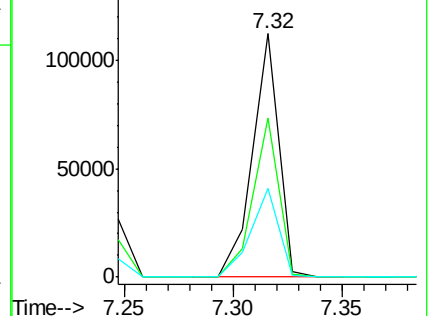
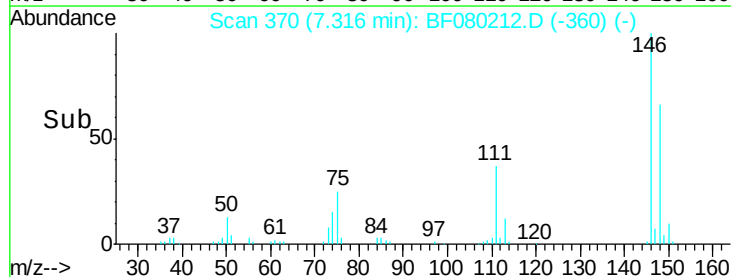
111 36.6 28.8 43.2

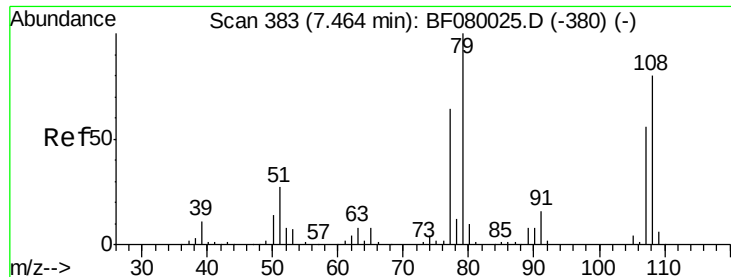


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.66 ng

RT: 7.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

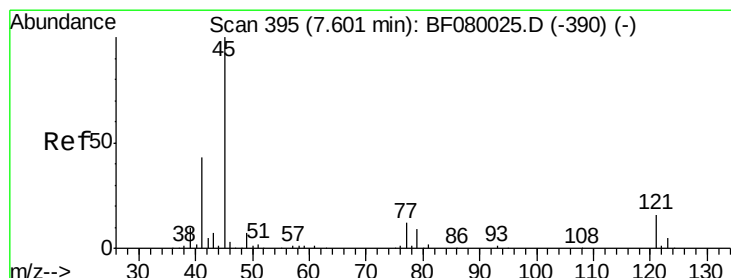
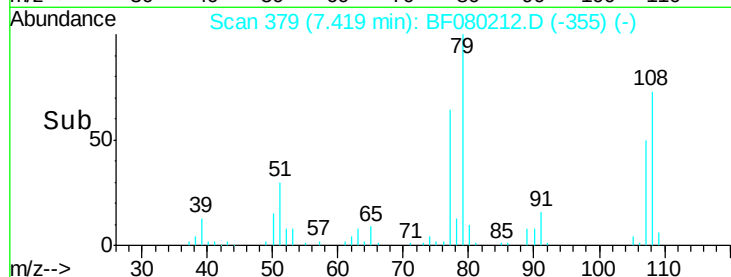
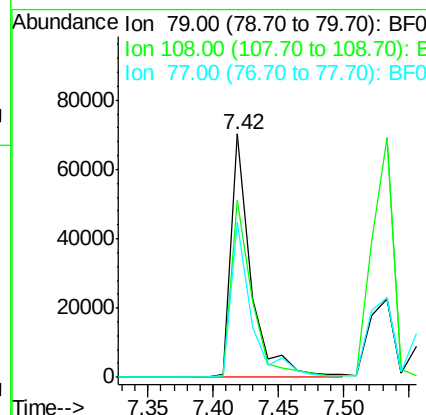
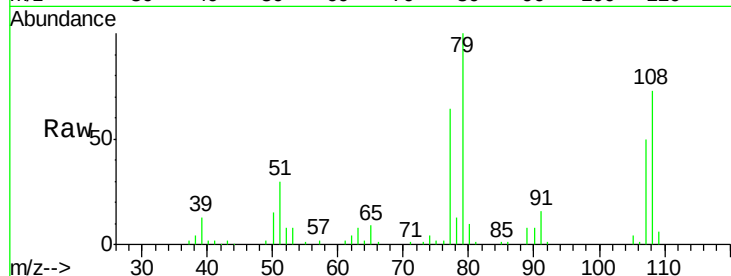
Tgt Ion: 79 Resp: 75601

Ion Ratio Lower Upper

79 100

108 72.5 88.6 132.8#

77 64.0 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 48.09 ng

RT: 7.56 min Scan# 391

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

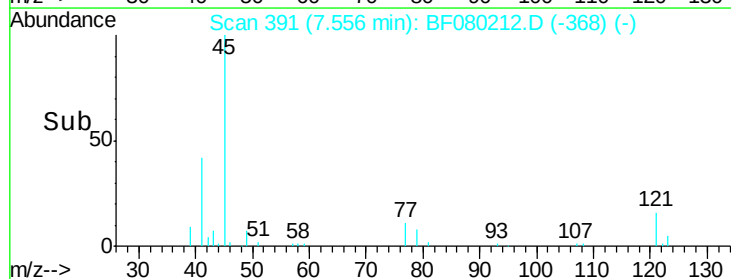
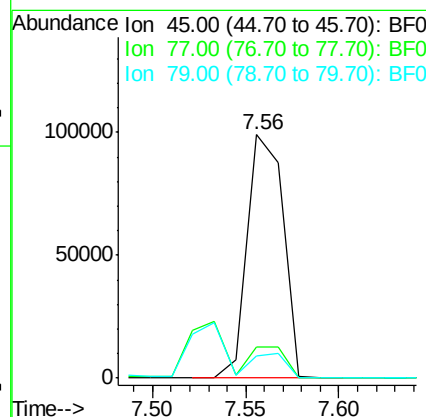
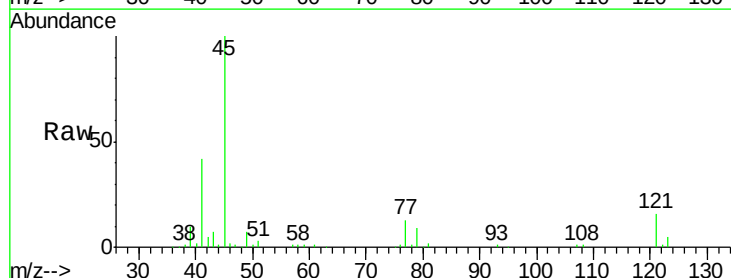
Tgt Ion: 45 Resp: 133951

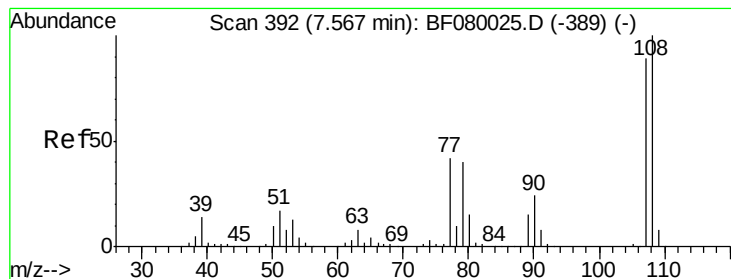
Ion Ratio Lower Upper

45 100

77 12.7 0.0 28.1

79 9.0 0.0 26.0





#17

2-Methylphenol

Concen: 42.42 ng

RT: 7.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:107 Resp: 68210

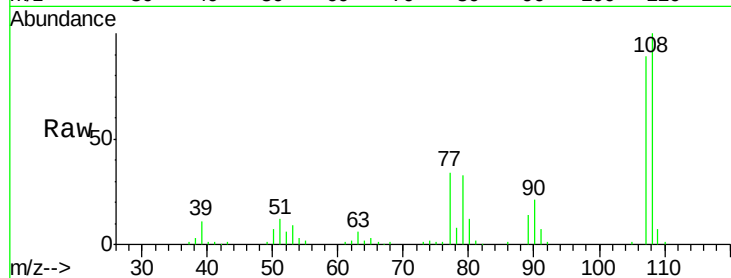
Ion Ratio Lower Upper

107 100

108 112.0 96.6 145.0

77 37.6 23.3 34.9#

79 36.4 22.0 33.0#

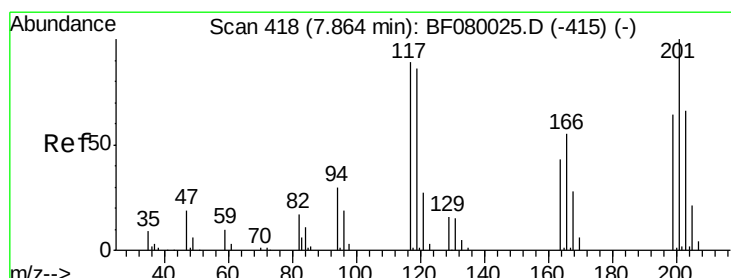
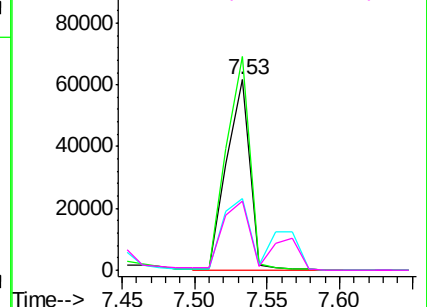
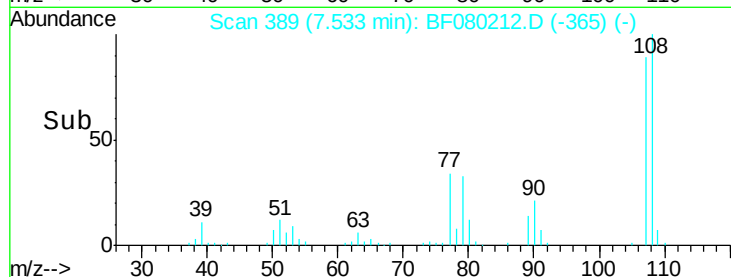


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.55 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

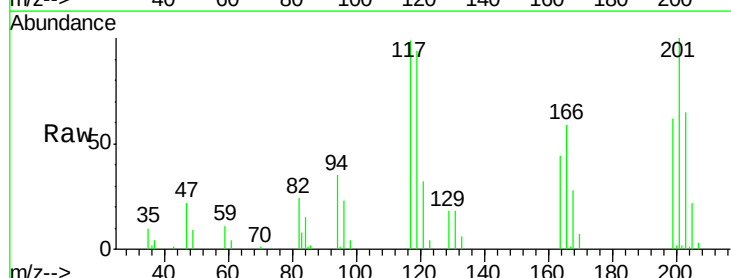
Tgt Ion:117 Resp: 31185

Ion Ratio Lower Upper

117 100

119 95.3 83.8 125.6

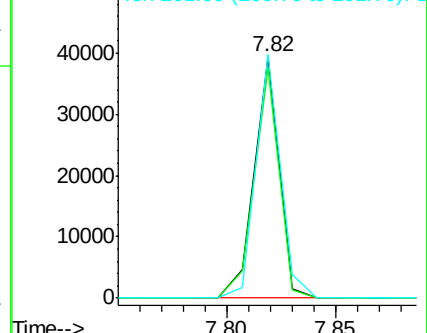
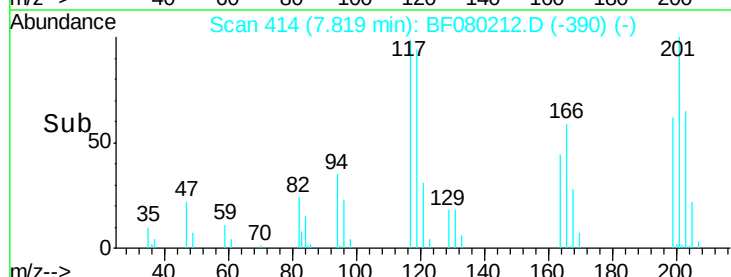
201 100.9 55.1 82.7#

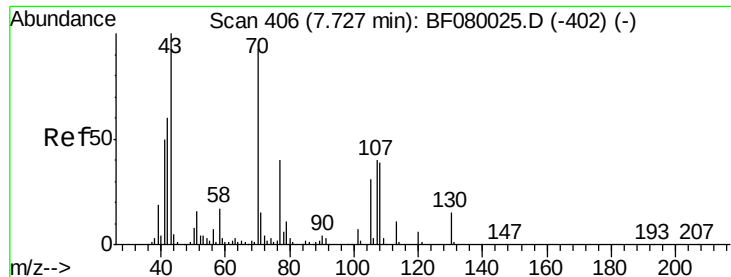


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

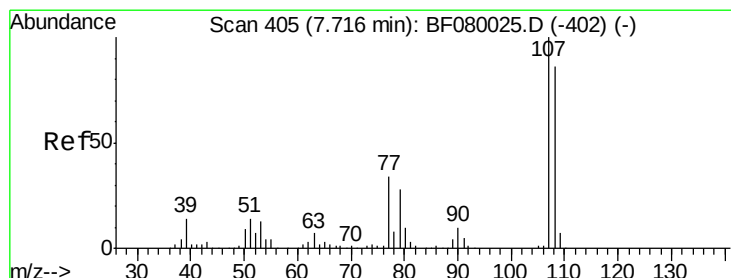
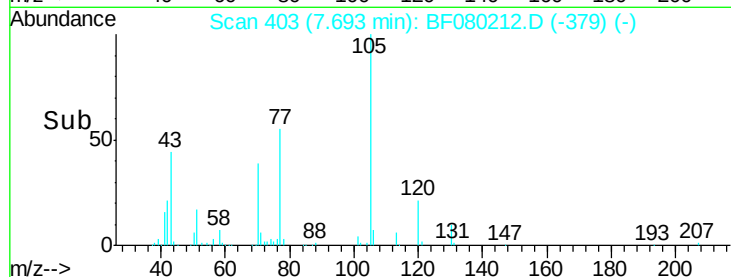
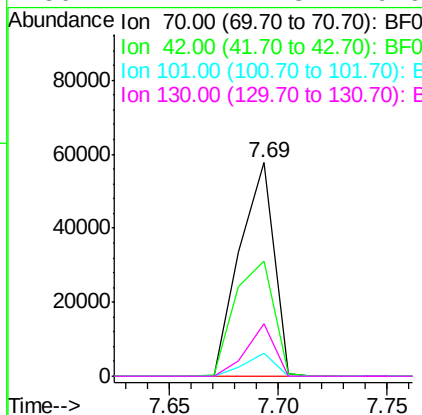
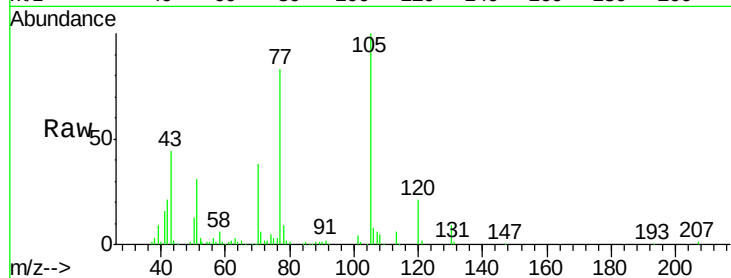




#19
n-Nitroso-di-n-propylamine
Concen: 41.86 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

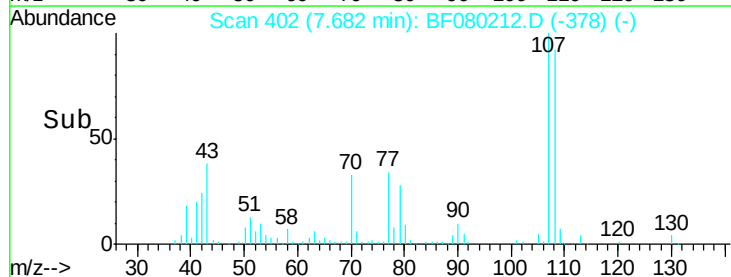
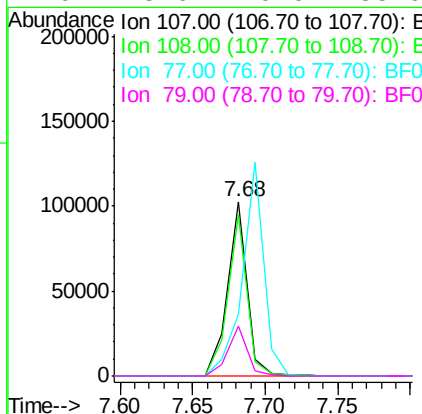
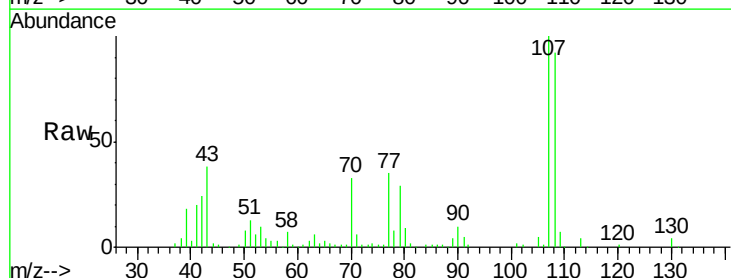
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

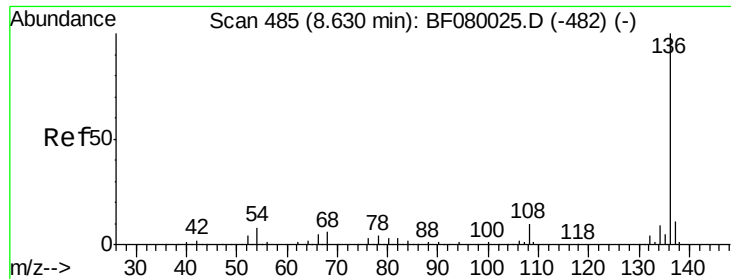
Tgt Ion: 70 Resp: 62984
Ion Ratio Lower Upper
70 100
42 53.7 63.8 95.6#
101 10.6 9.2 13.8
130 24.7 27.3 40.9#



#20
3+4-Methylphenols
Concen: 46.41 ng
RT: 7.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion: 107 Resp: 96304
Ion Ratio Lower Upper
107 100
108 92.3 74.6 114.6
77 35.0 0.7 40.7
79 28.6 0.0 38.9

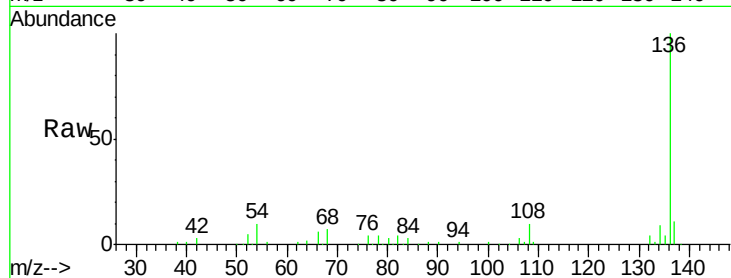




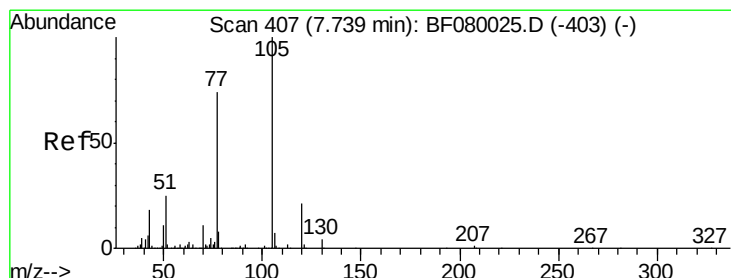
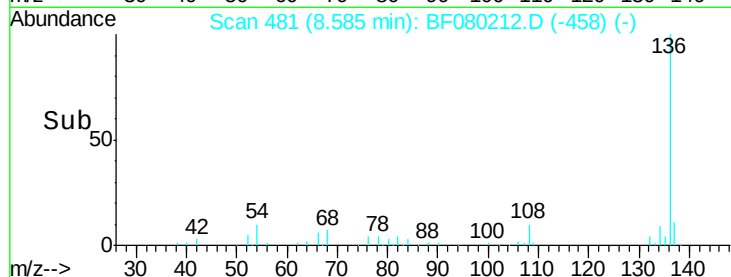
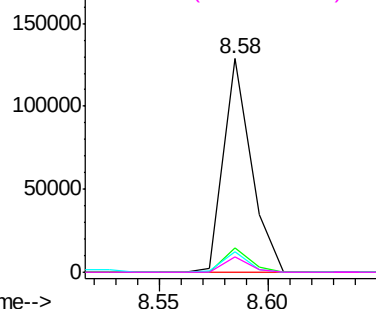
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:	136	Resp:	113771
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	9.7	8.2	12.2
68	7.1	5.8	8.6

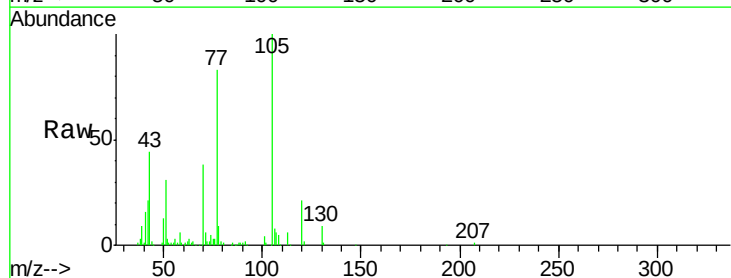


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

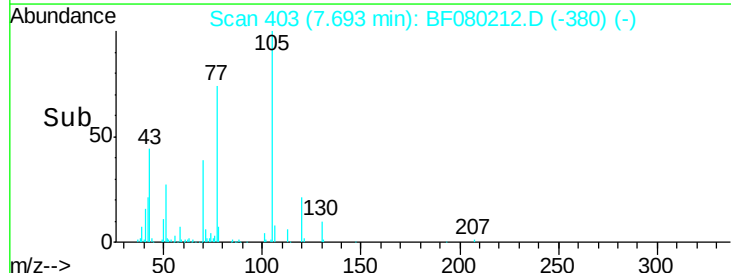
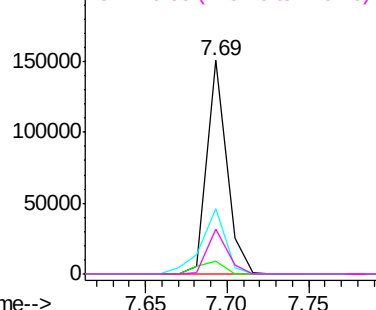


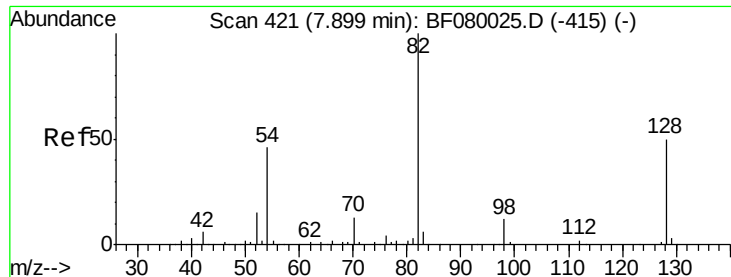
#22
Acetophenone
Concen: 47.10 ng
RT: 7.69 min Scan# 403
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:	105	Resp:	124879
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.7	7.1
51	30.6	22.0	33.0
120	20.8	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

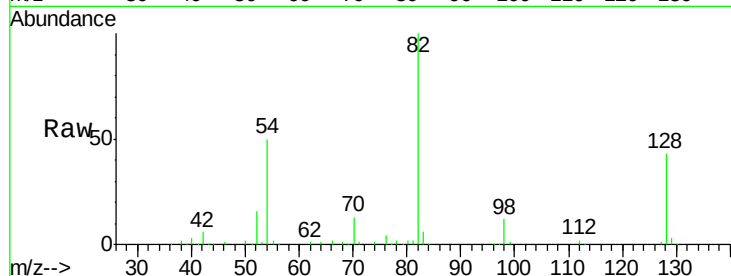




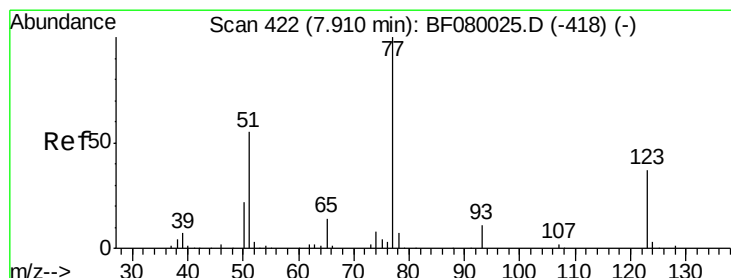
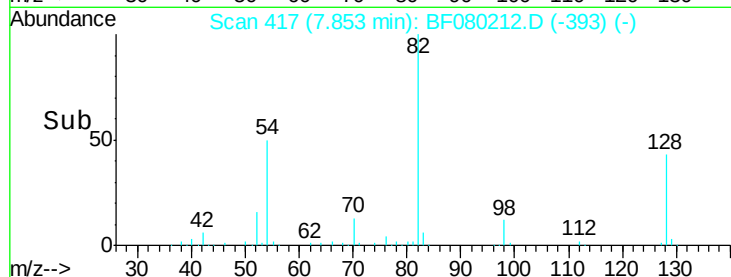
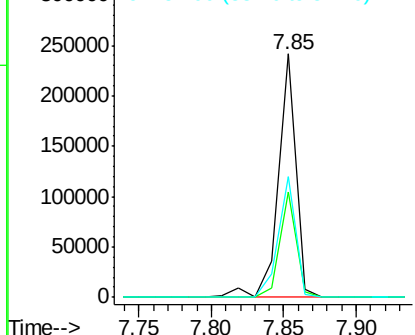
#23
 Nitrobenzene-d5
 Concen: 103.96 ng
 RT: 7.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.5	51.0	76.6#
54	49.7	47.5	71.3

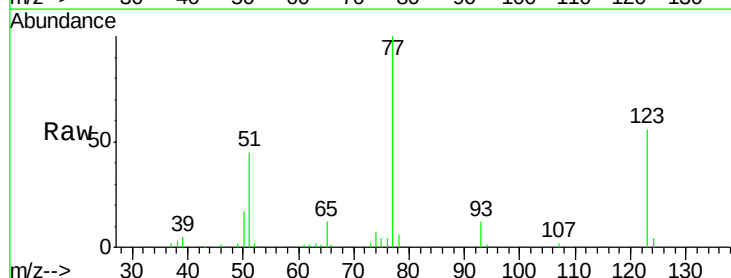


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

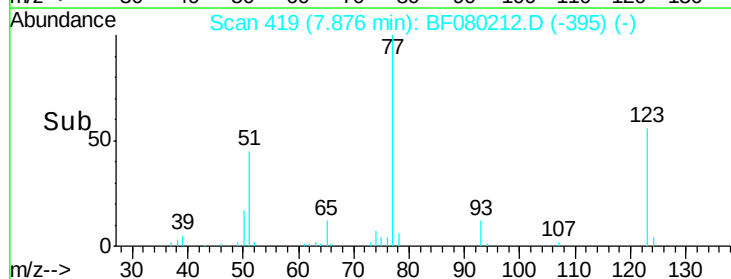
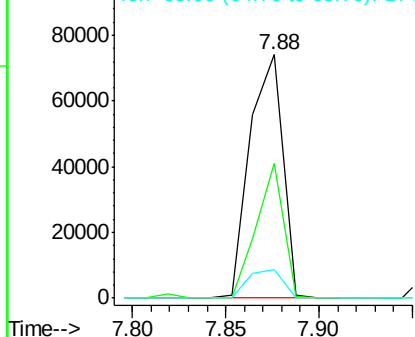


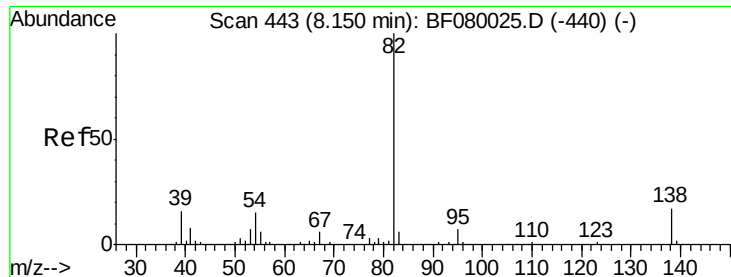
#24
 Nitrobenzene
 Concen: 44.78 ng
 RT: 7.88 min Scan# 419
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	59.8	89.8#
65	11.6	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: 44.24 ng

RT: 8.10 min Scan# 439

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

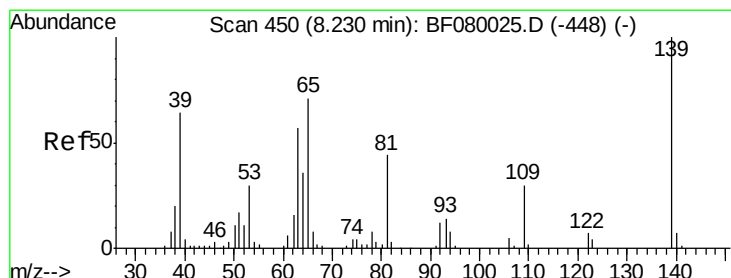
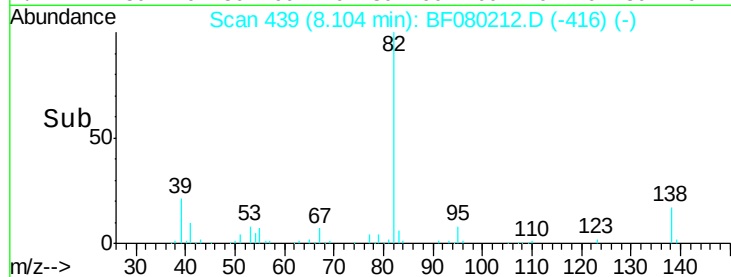
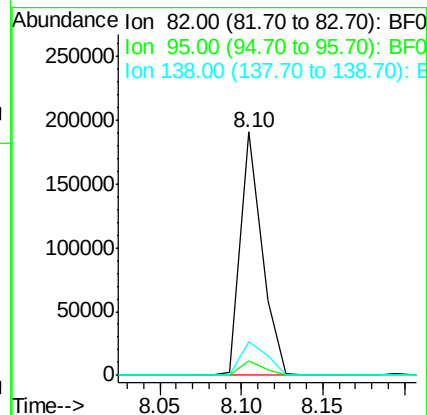
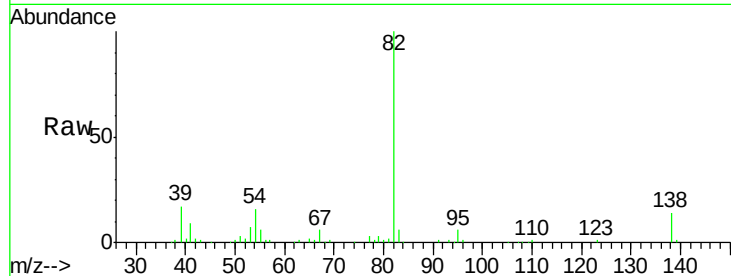
Tgt Ion: 82 Resp: 173986

Ion Ratio Lower Upper

82 100

95 6.2 4.0 6.0#

138 13.9 18.3 27.5#



#26

2-Nitrophenol

Concen: 51.58 ng

RT: 8.20 min Scan# 447

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

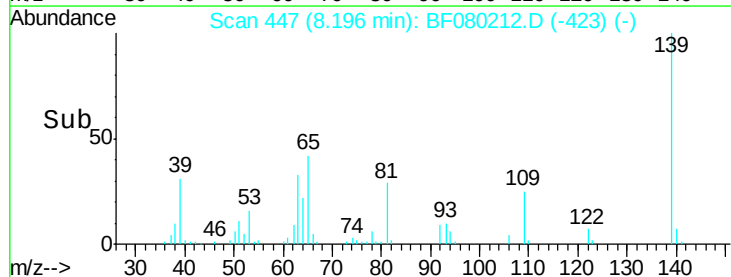
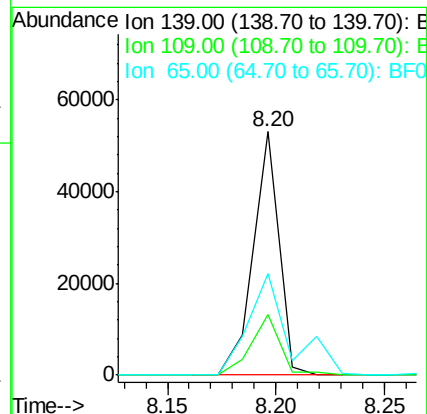
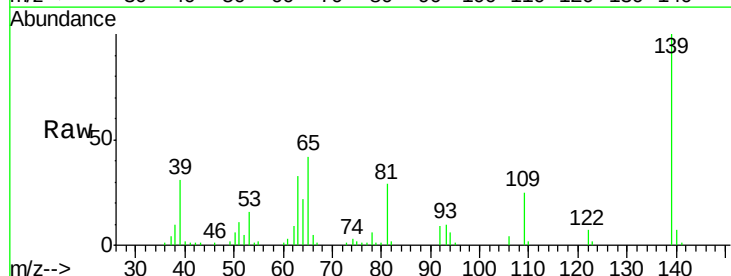
Tgt Ion: 139 Resp: 43546

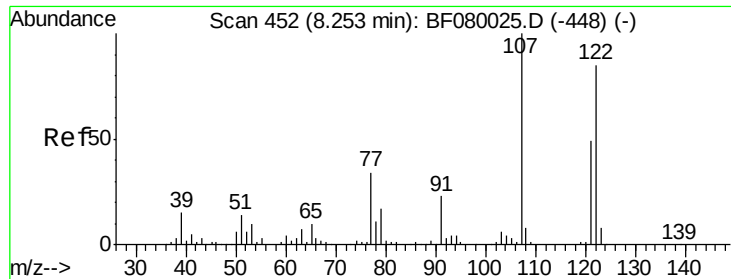
Ion Ratio Lower Upper

139 100

109 24.9 11.0 16.4#

65 41.6 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 48.40 ng

RT: 8.22 min Scan# 449

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

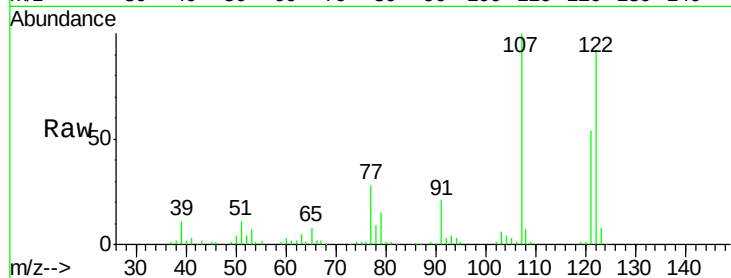
Tgt Ion:122 Resp: 85211

Ion Ratio Lower Upper

122 100

107 108.7 71.8 107.6#

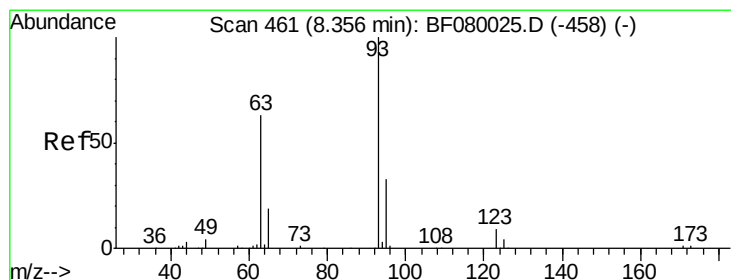
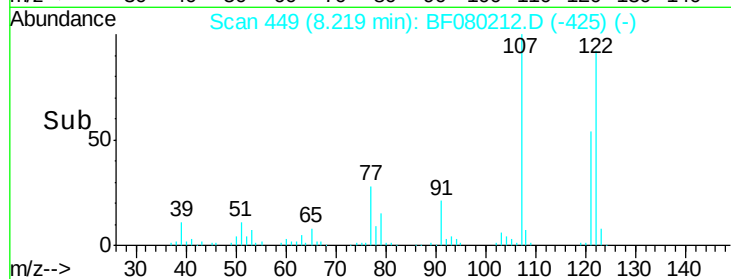
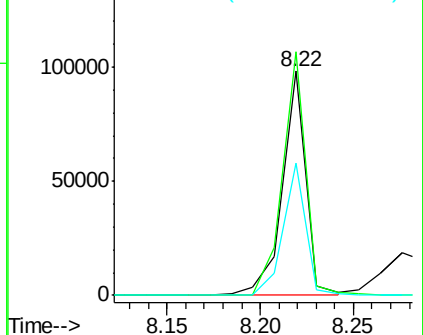
121 58.8 42.3 63.5



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: 47.33 ng

RT: 8.31 min Scan# 457

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

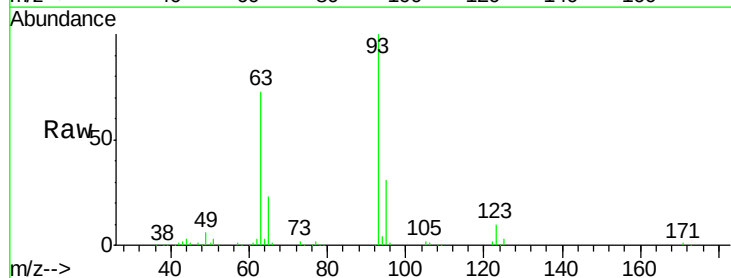
Tgt Ion: 93 Resp: 109365

Ion Ratio Lower Upper

93 100

95 31.2 27.5 41.3

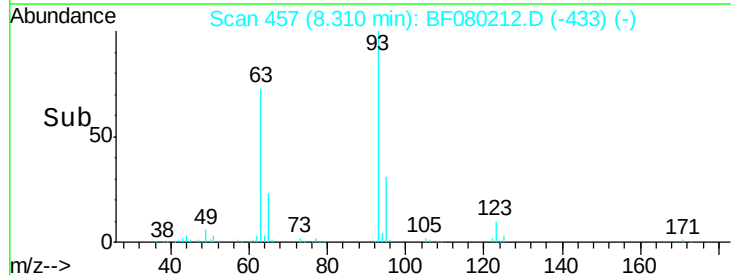
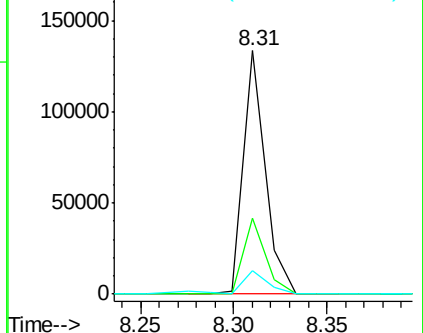
123 9.9 13.7 20.5#

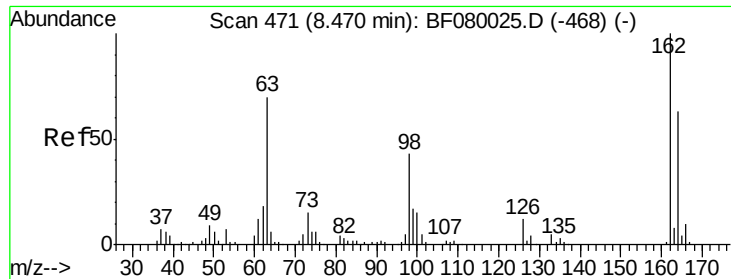


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

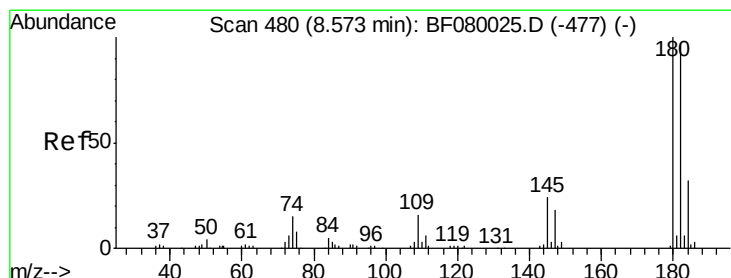
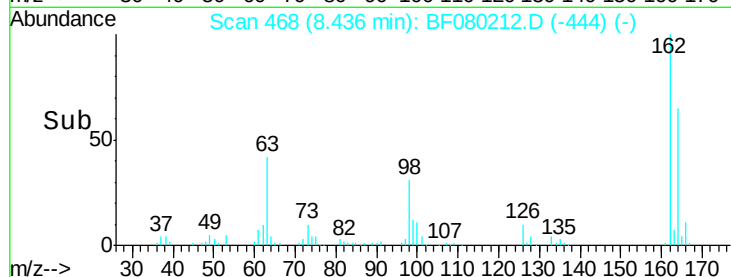
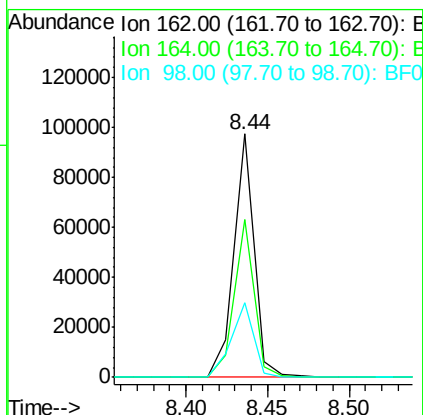
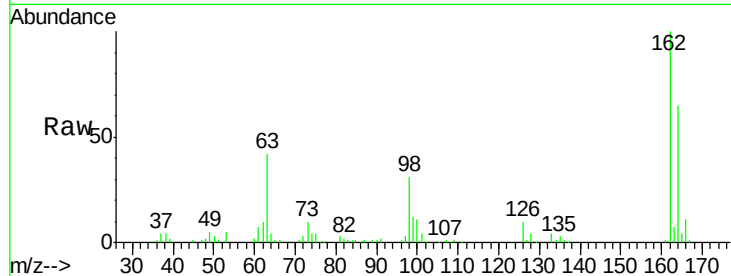




#29
 2,4-Dichlorophenol
 Concen: 54.84 ng
 RT: 8.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

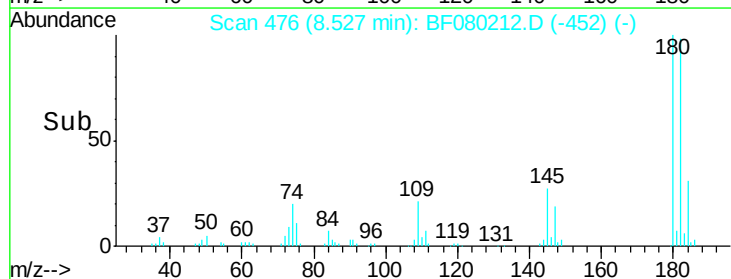
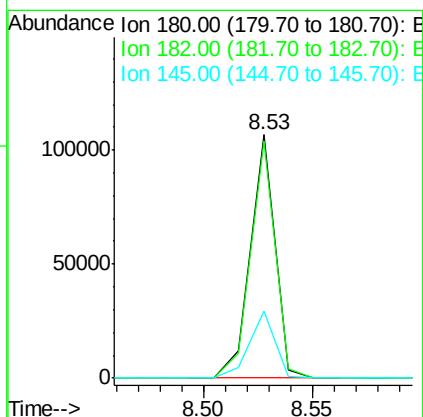
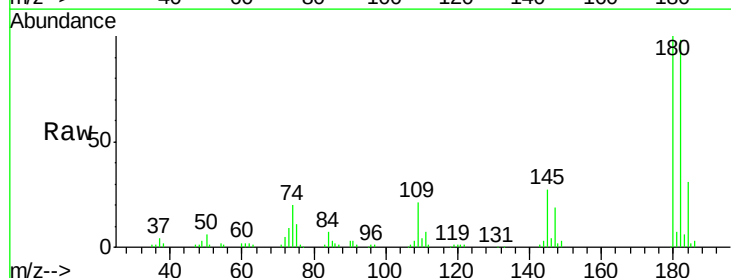
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

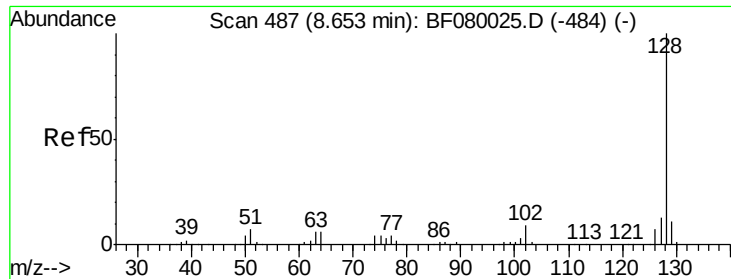
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.9	84.9
98	30.6	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 49.05 ng
 RT: 8.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.1	115.7
145	27.3	23.3	34.9

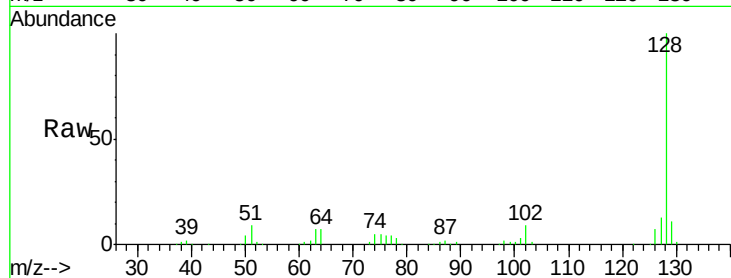




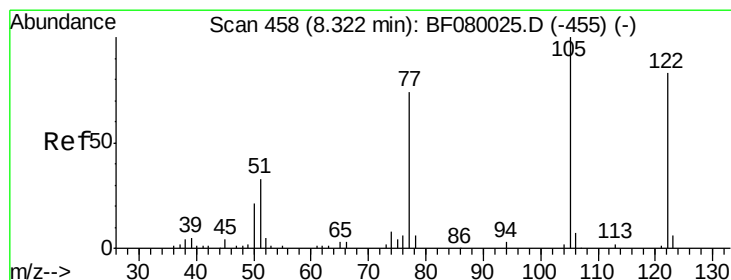
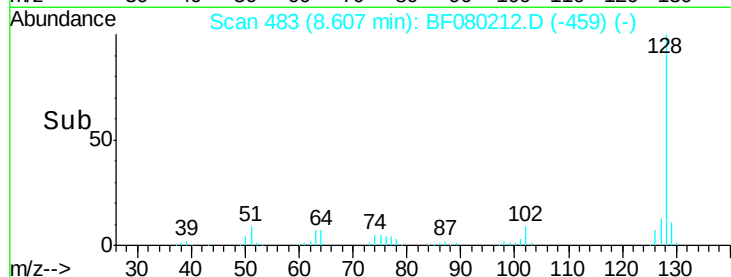
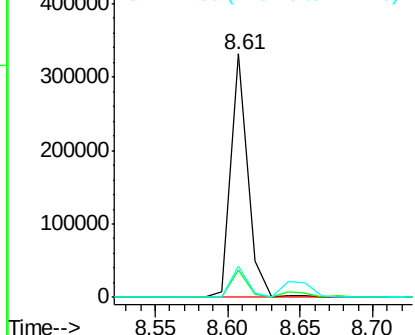
#31
Naphthalene
Concen: 45.37 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:128 Resp: 269860
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 12.6 9.9 14.9

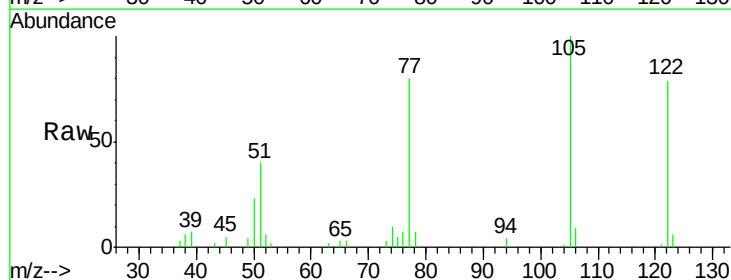


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

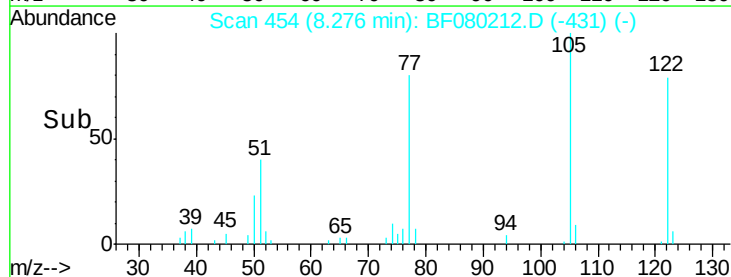
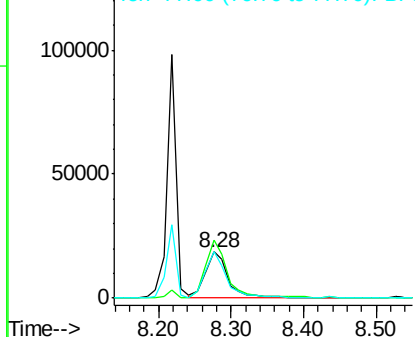


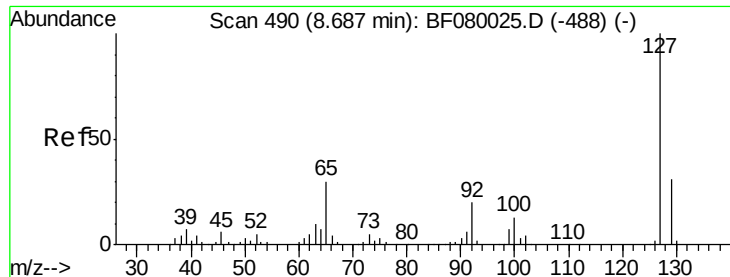
#32
Benzoic acid
Concen: 39.02 ng
RT: 8.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:122 Resp: 41531
Ion Ratio Lower Upper
122 100
105 125.9 76.1 116.1#
77 100.4 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

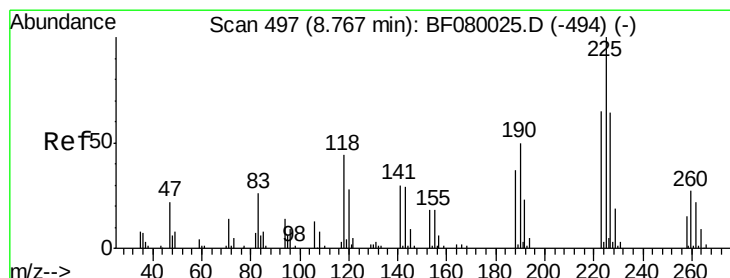
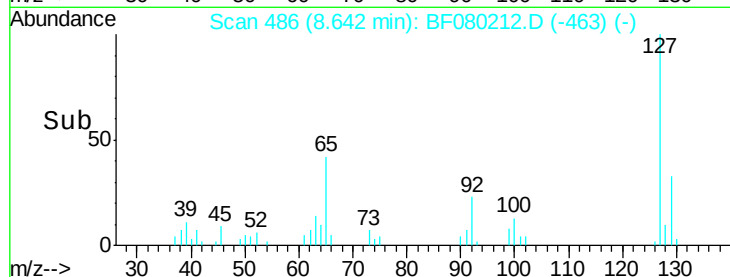
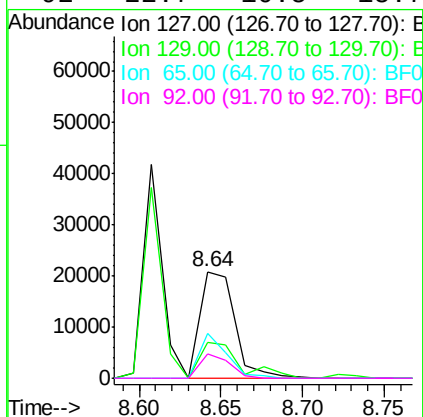
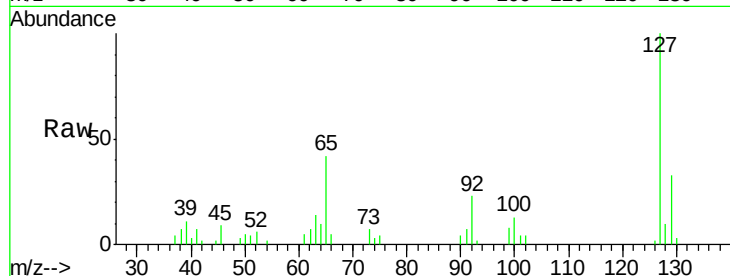




#33
4-Chloroaniline
Concen: 12.15 ng
RT: 8.64 min Scan# 486
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

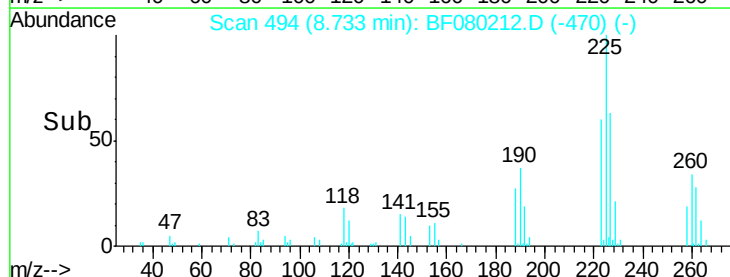
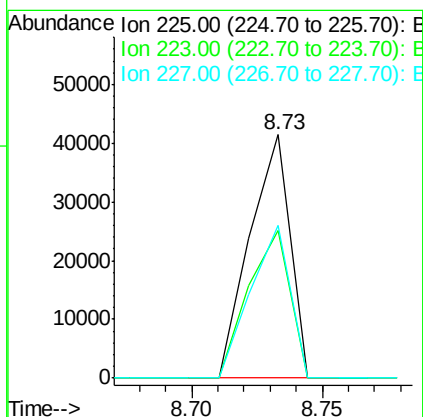
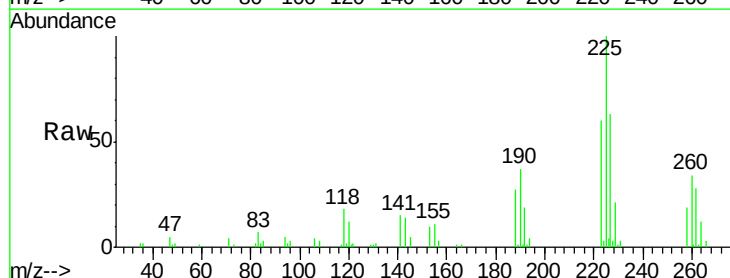
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

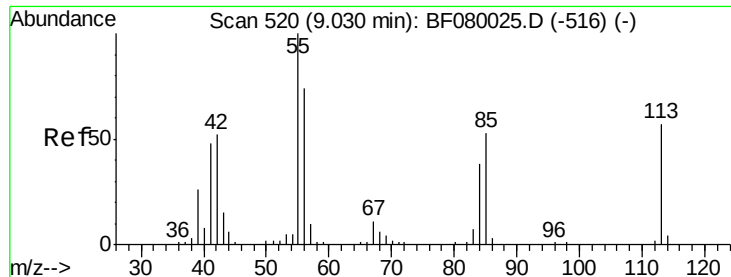
Tgt Ion:	127	Resp:	30927
Ion	Ratio	Lower	Upper
127	100		
129	33.4	25.8	38.6
65	41.8	17.9	26.9#
92	22.7	10.5	15.7#



#34
Hexachlorobutadiene
Concen: 42.42 ng
RT: 8.73 min Scan# 494
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:	225	Resp:	44720
Ion	Ratio	Lower	Upper
225	100		
223	60.5	50.2	75.2
227	62.7	52.2	78.2

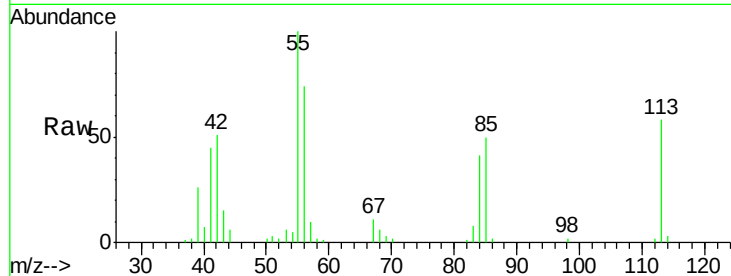




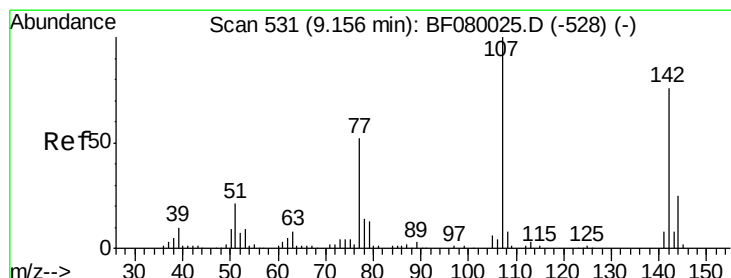
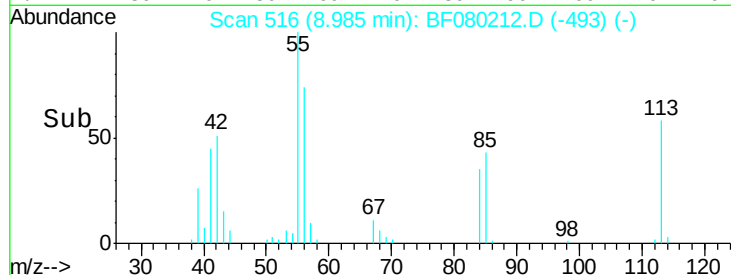
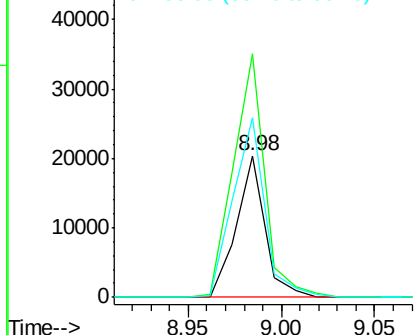
#35
 Caprolactam
 Concen: 44.59 ng
 RT: 8.98 min Scan# 516
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:113 Resp: 21823
 Ion Ratio Lower Upper
 113 100
 55 171.8 152.4 192.4
 56 127.0 104.6 144.6

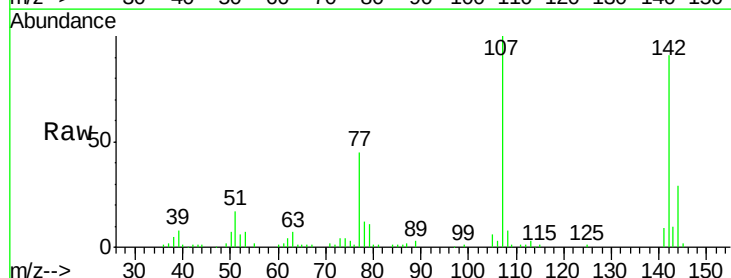


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

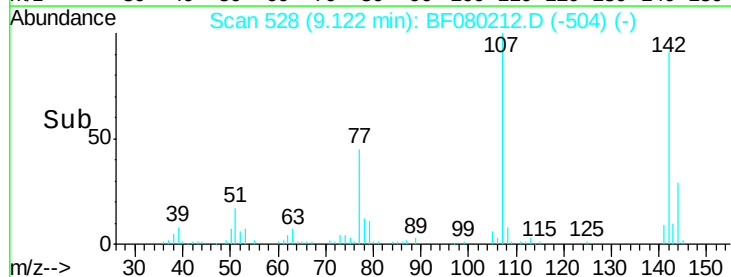
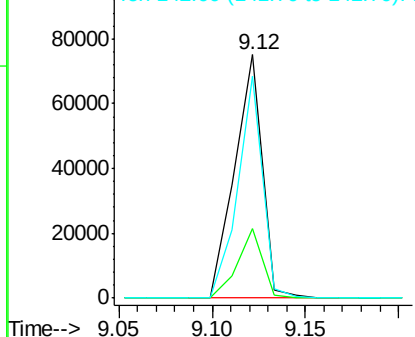


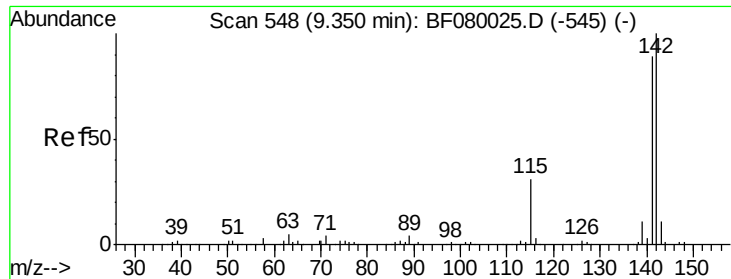
#36
 4-Chloro-3-methylphenol
 Concen: 45.87 ng
 RT: 9.12 min Scan# 528
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:107 Resp: 78001
 Ion Ratio Lower Upper
 107 100
 144 28.6 25.4 38.0
 142 91.2 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

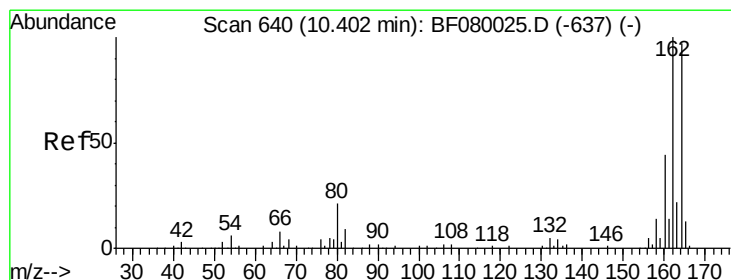
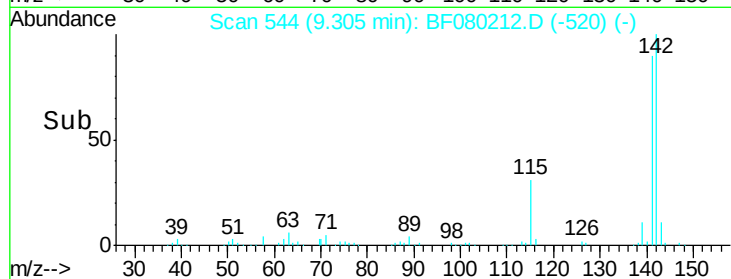
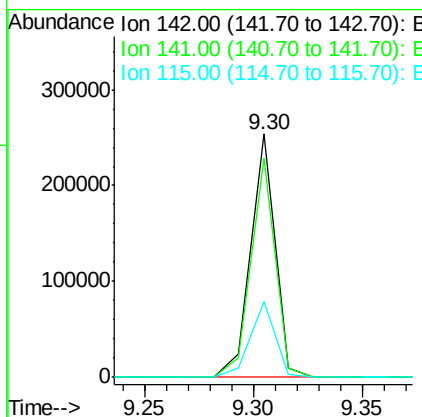
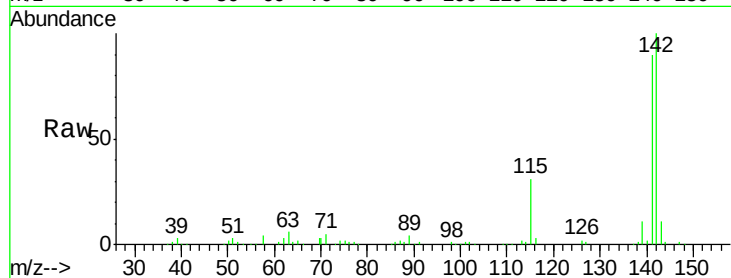




#37
 2-Methylnaphthalene
 Concen: 51.34 ng
 RT: 9.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

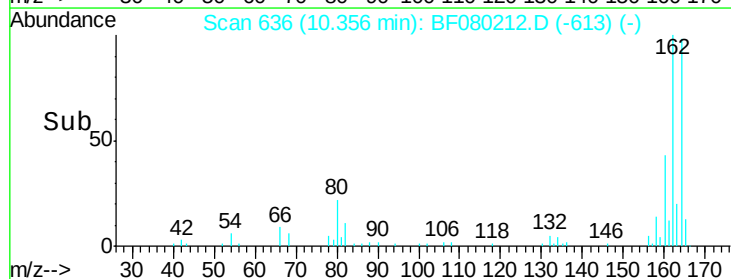
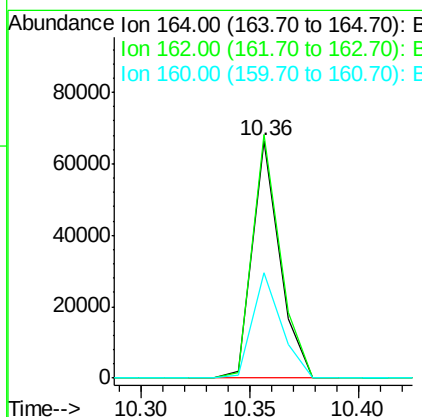
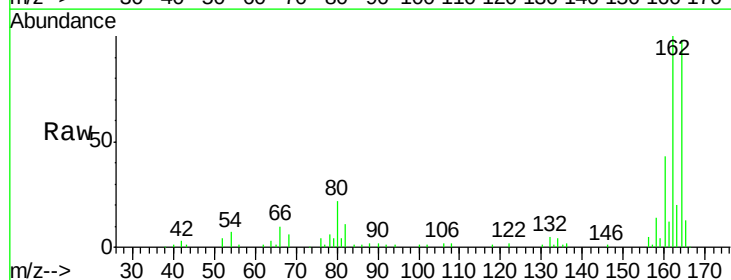
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

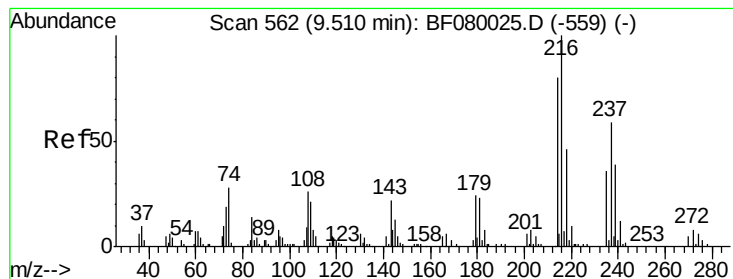
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	67.5	101.3
115	31.4	18.2	27.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	75.2	112.8
160	44.5	31.5	47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.17 ng

RT: 9.48 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

Tgt Ion:216 Resp: 88466

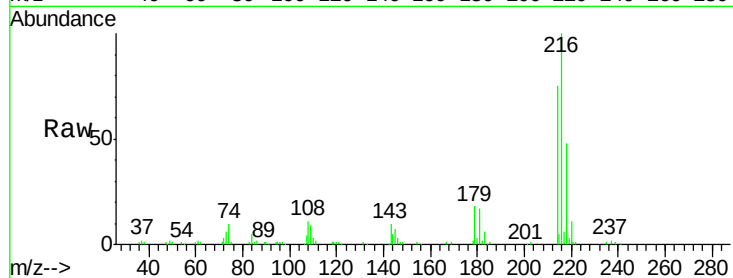
Ion Ratio Lower Upper

216 100

214 76.9 63.5 95.3

179 20.1 16.6 24.8

108 17.5 16.3 24.5

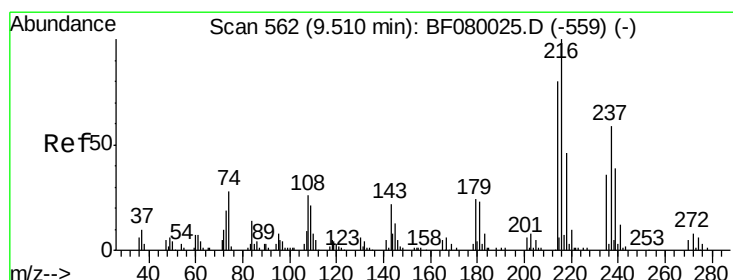
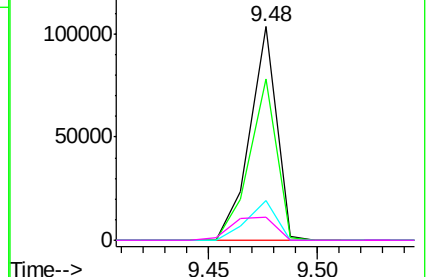
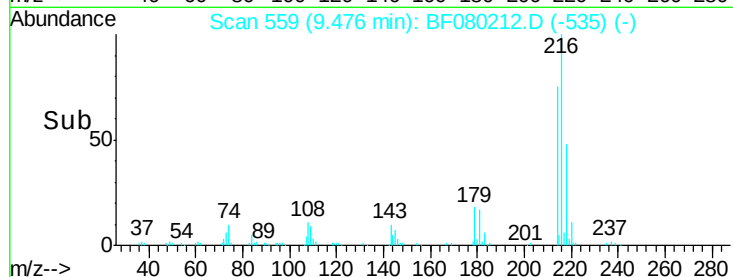


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.72 ng

RT: 9.46 min Scan# 558

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

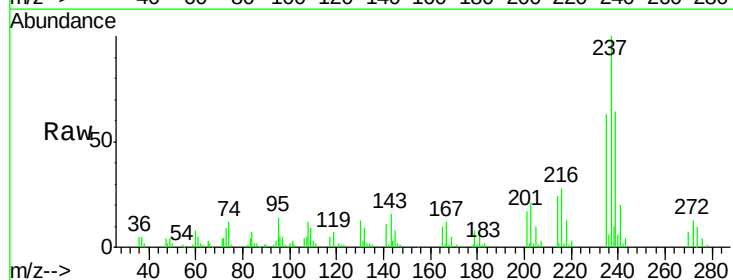
Tgt Ion:237 Resp: 65752

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

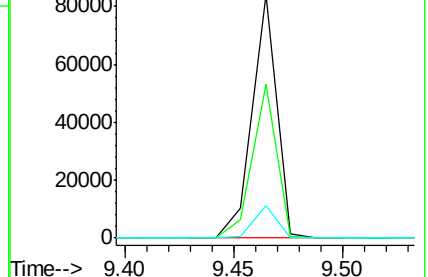
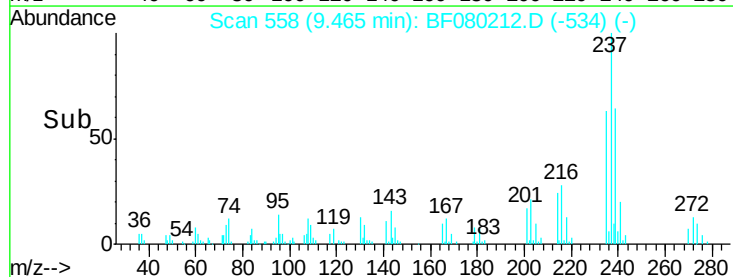
272 13.1 0.0 36.1

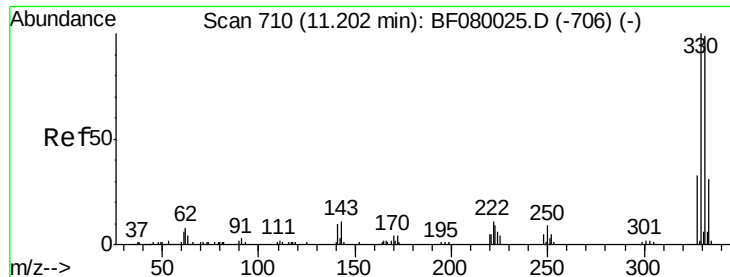


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

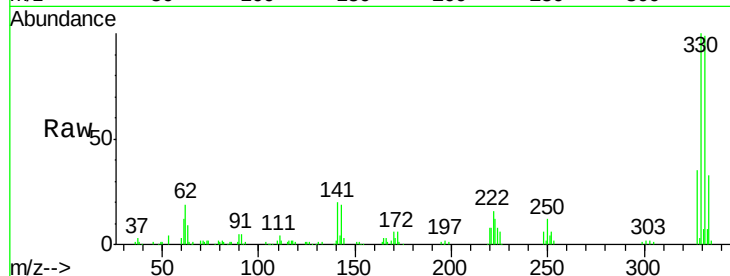




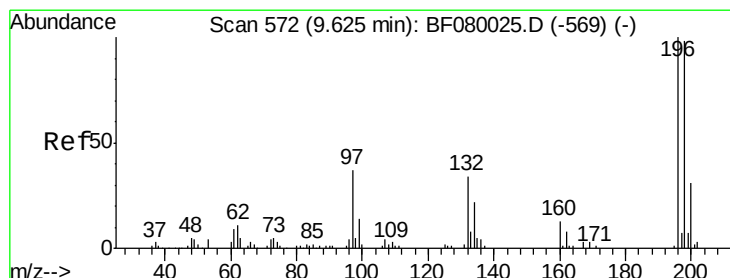
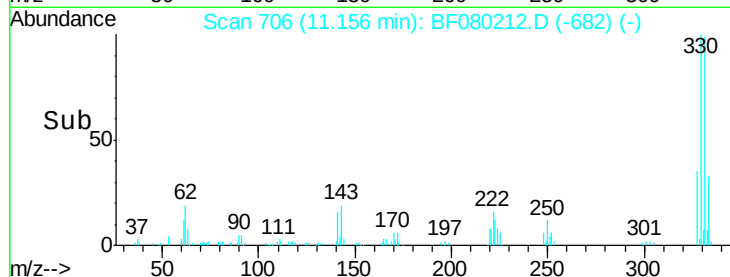
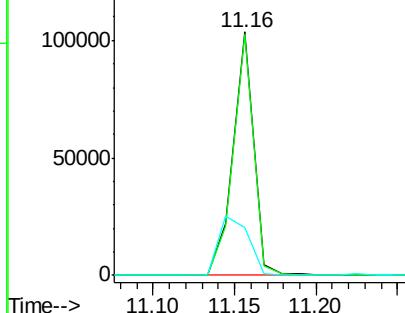
#41
 2,4,6-Tribromophenol
 Concen: 158.16 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:330 Resp: 90119
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 114.8
 141 35.0 29.7 44.5

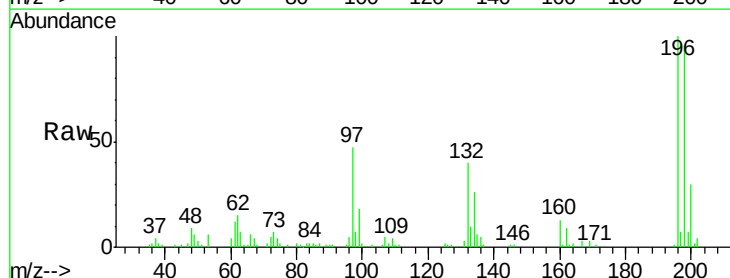


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

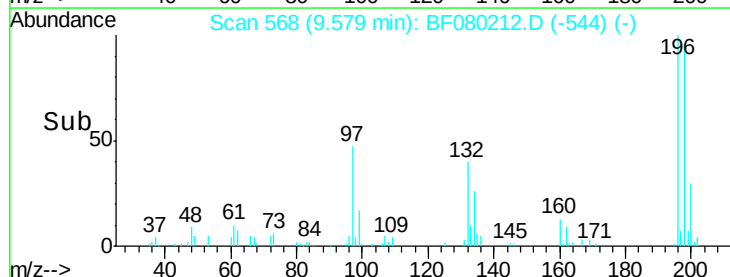
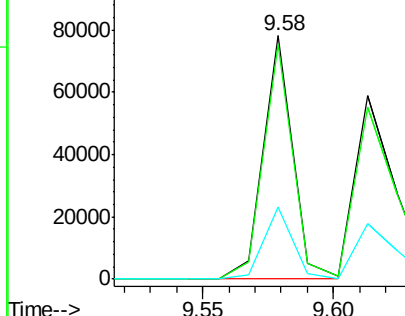


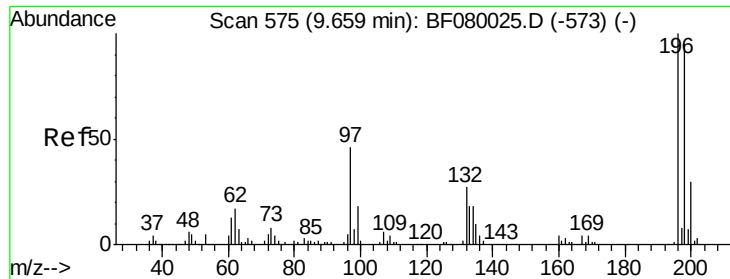
#42
 2,4,6-Trichlorophenol
 Concen: 53.70 ng
 RT: 9.58 min Scan# 568
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:196 Resp: 61954
 Ion Ratio Lower Upper
 196 100
 198 96.2 75.7 113.5
 200 29.6 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

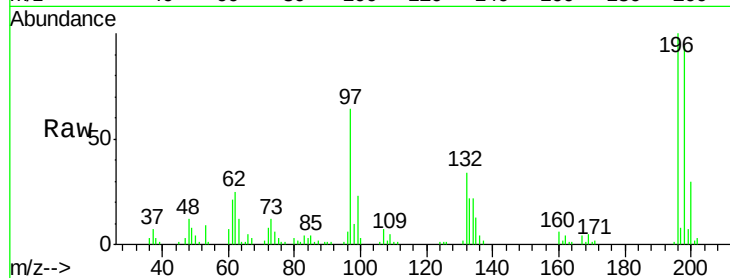




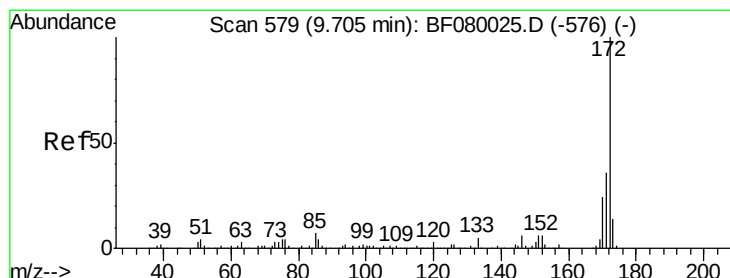
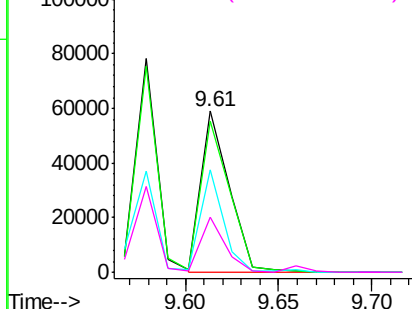
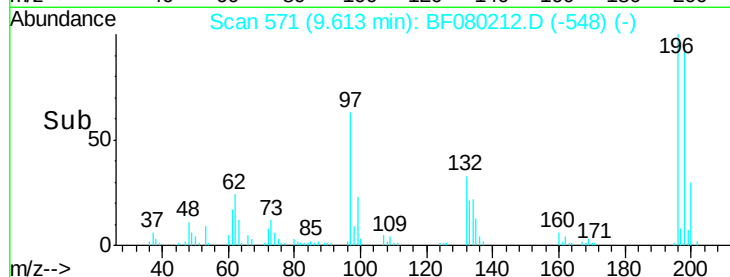
#43
 2,4,5-Trichlorophenol
 Concen: 46.24 ng
 RT: 9.61 min Scan# 571
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:196 Resp: 61462
 Ion Ratio Lower Upper
 196 100
 198 93.7 75.4 113.0
 97 63.9 33.3 49.9#
 132 34.0 24.6 37.0

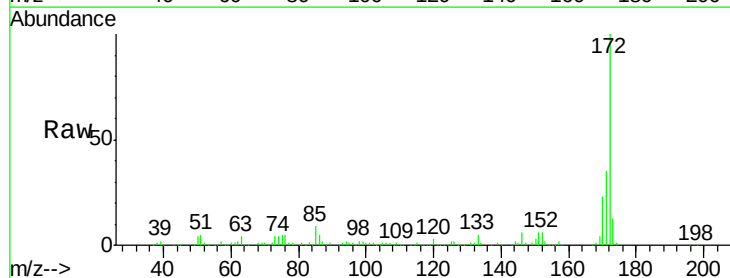


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

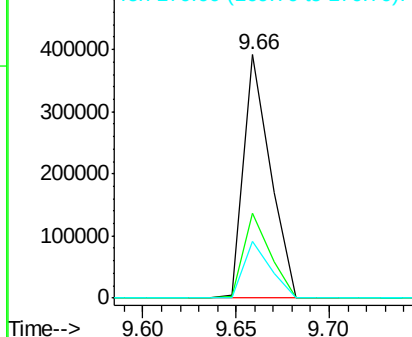
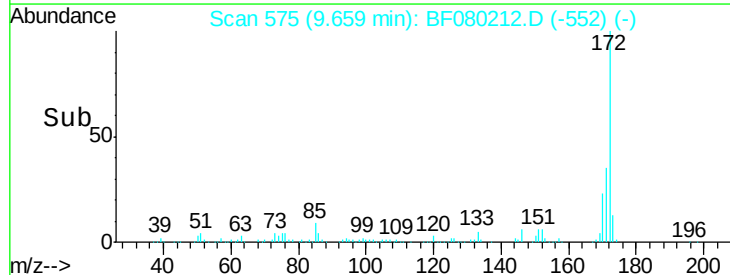


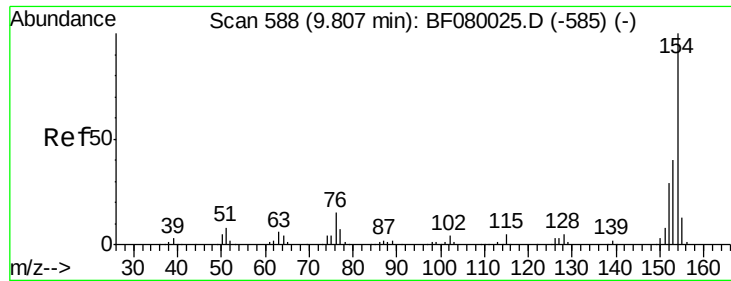
#44
 2-Fluorobiphenyl
 Concen: 95.18 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:172 Resp: 388882
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.1 39.1
 170 23.2 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

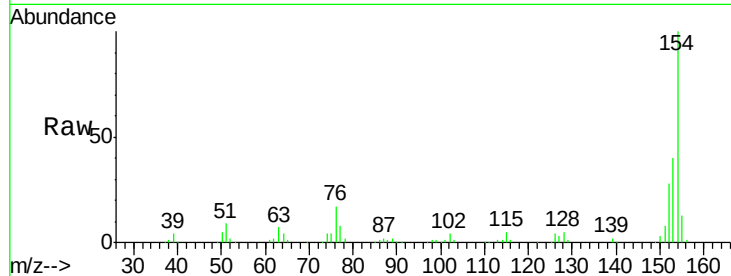




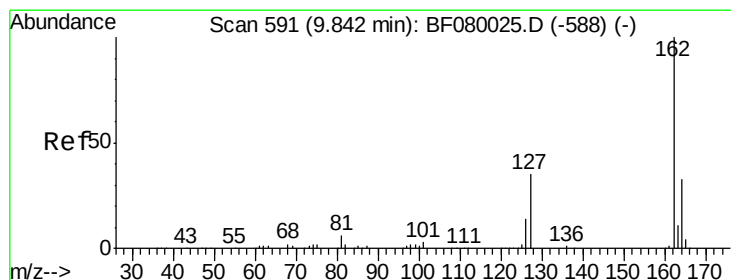
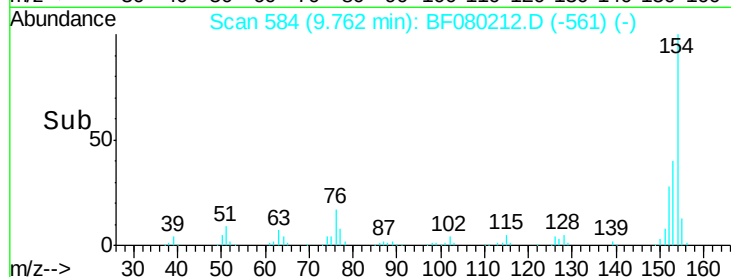
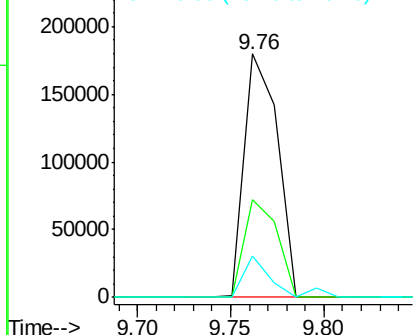
#45
 1,1'-Biphenyl
 Concen: 46.86 ng
 RT: 9.76 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:	154	Resp:	222154
Ion	Ratio	Lower	Upper
154	100		
153	40.3	17.1	57.1
76	17.1	0.0	31.6

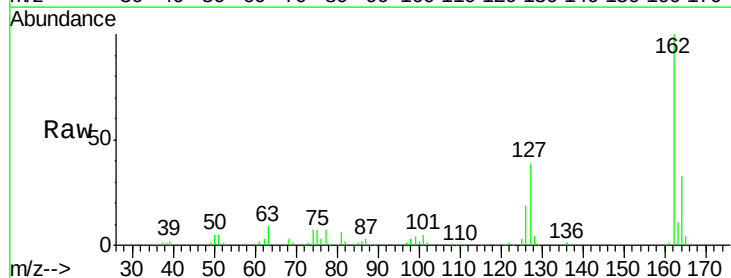


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

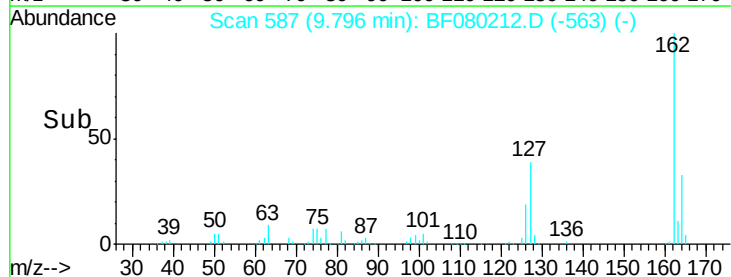
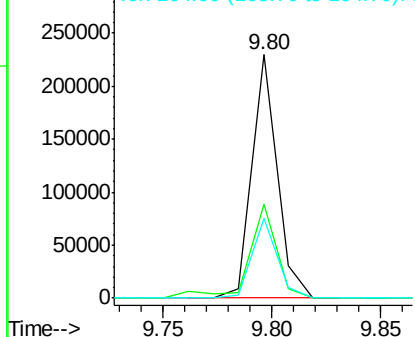


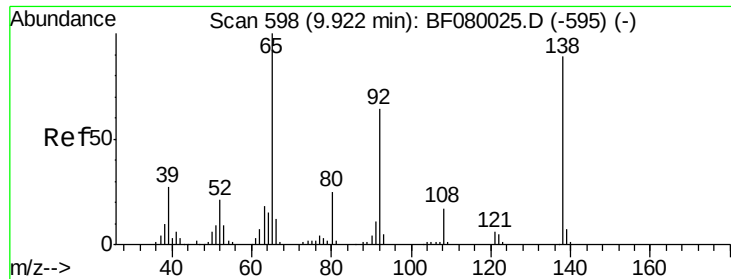
#46
 2-Chloronaphthalene
 Concen: 47.87 ng
 RT: 9.80 min Scan# 587
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:	162	Resp:	184129
Ion	Ratio	Lower	Upper
162	100		
127	38.5	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: 48.36 ng

RT: 9.88 min Scan# 594

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

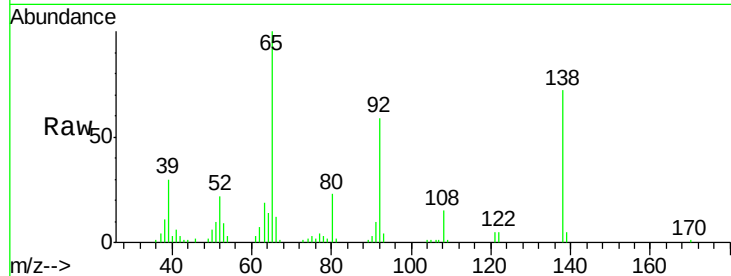
Tgt Ion: 65 Resp: 51061

Ion Ratio Lower Upper

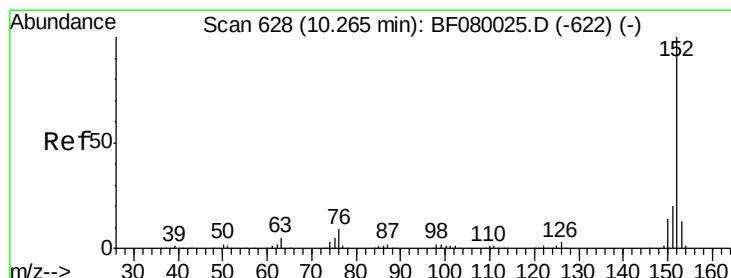
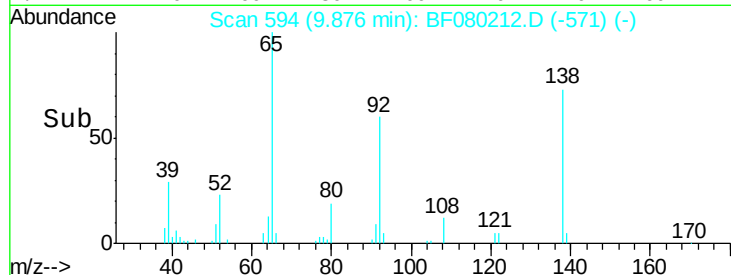
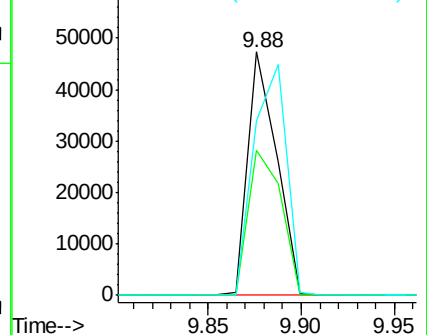
65 100

92 59.5 55.4 83.0

138 71.8 115.5 173.3#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 49.35 ng

RT: 10.22 min Scan# 624

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

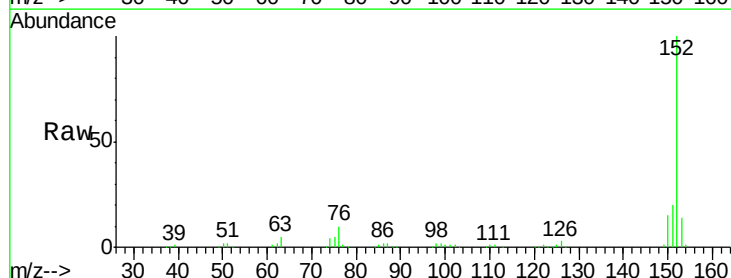
Tgt Ion: 152 Resp: 316824

Ion Ratio Lower Upper

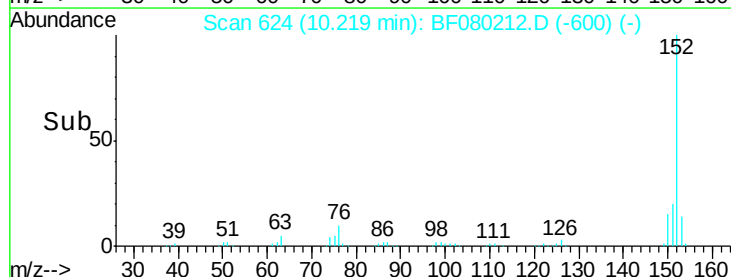
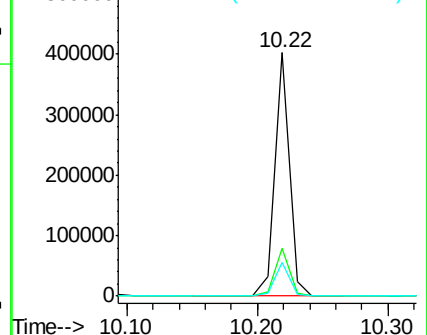
152 100

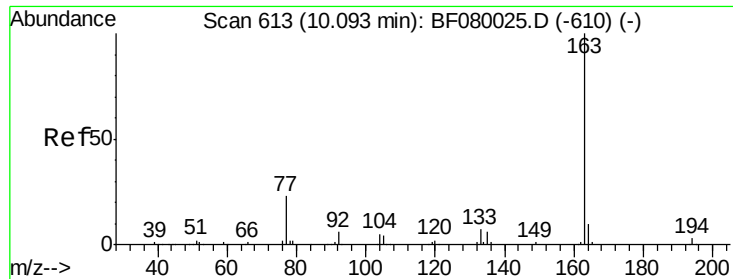
151 19.7 14.6 22.0

153 13.7 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

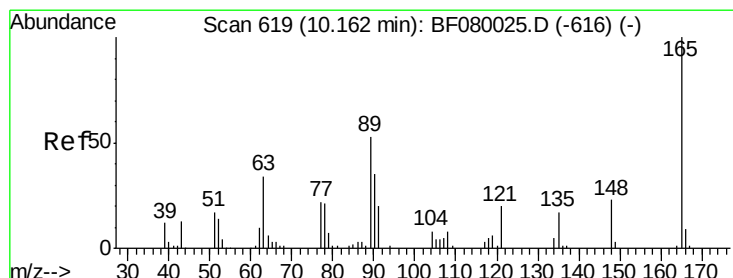
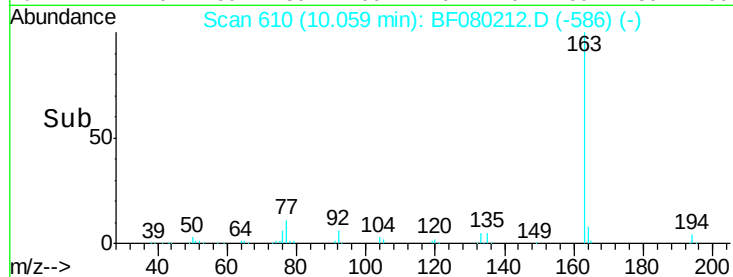
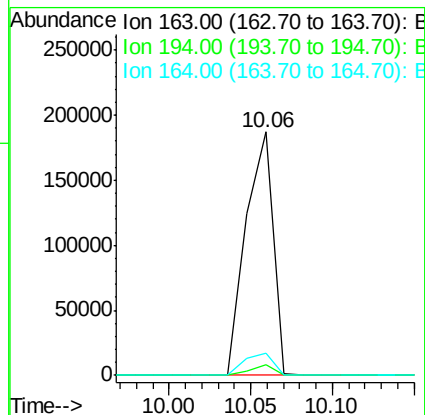
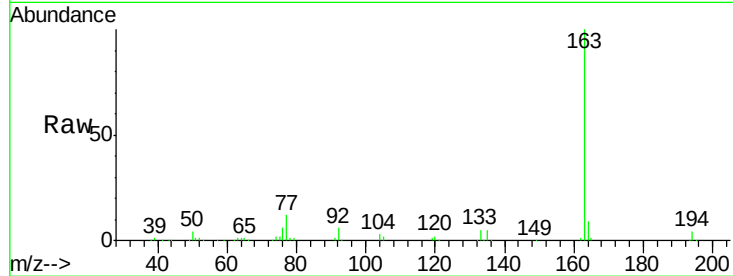




#49
Dimethylphthalate
Concen: 49.09 ng
RT: 10.06 min Scan# 610
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

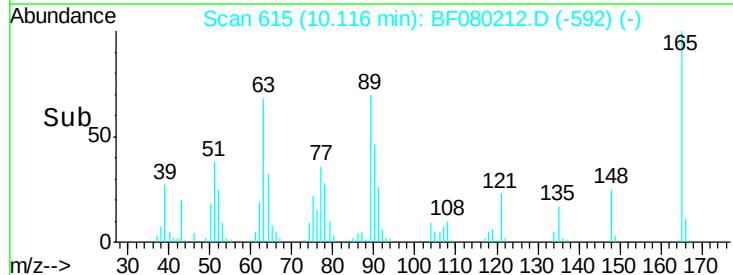
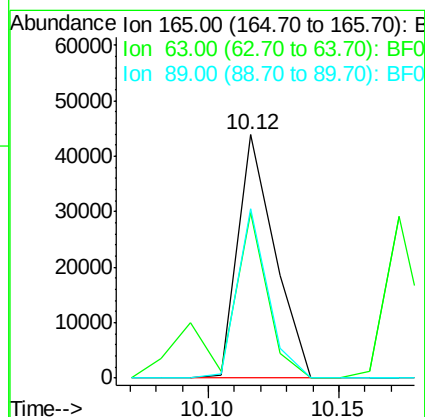
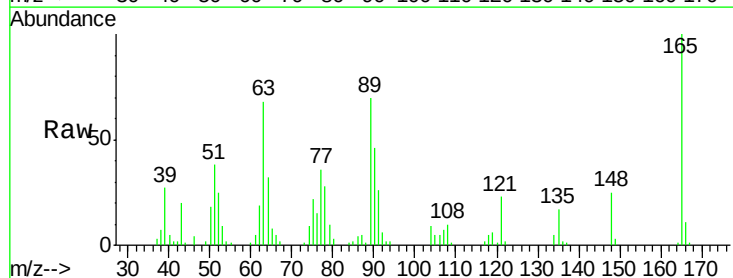
Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

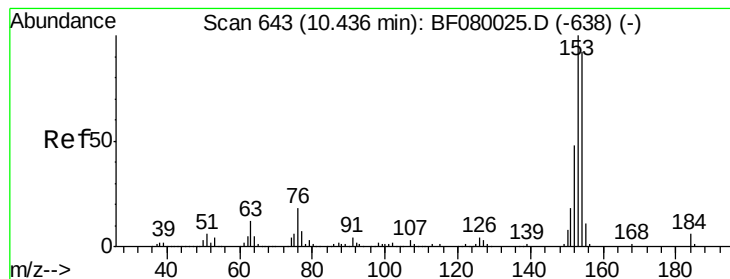
Tgt Ion:163 Resp: 215069
Ion Ratio Lower Upper
163 100
194 4.1 4.4 6.6#
164 9.1 8.3 12.5



#50
2,6-Dinitrotoluene
Concen: 49.21 ng
RT: 10.12 min Scan# 615
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:165 Resp: 43215
Ion Ratio Lower Upper
165 100
63 68.0 32.3 48.5#
89 69.7 28.6 43.0#





#51

Acenaphthene

Concen: 50.45 ng

RT: 10.39 min Scan# 639

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

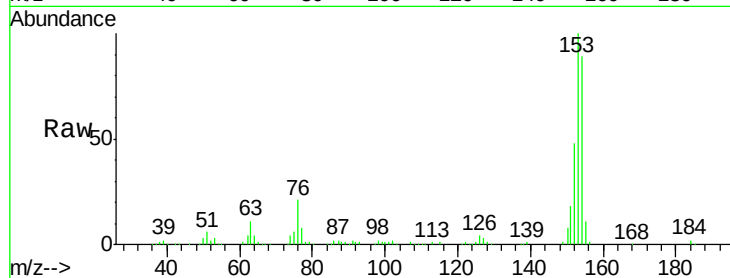
Tgt Ion:154 Resp: 198157

Ion Ratio Lower Upper

154 100

153 112.3 82.1 123.1

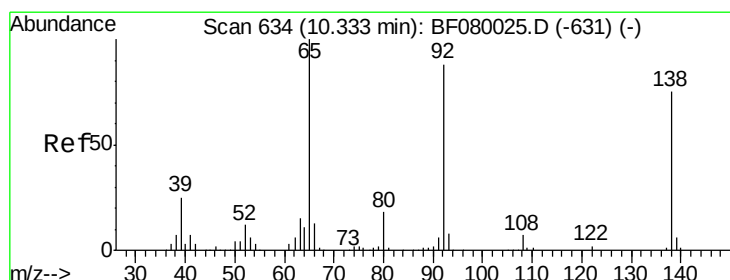
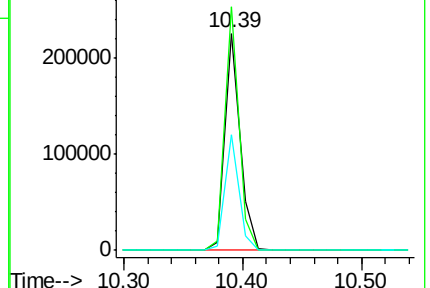
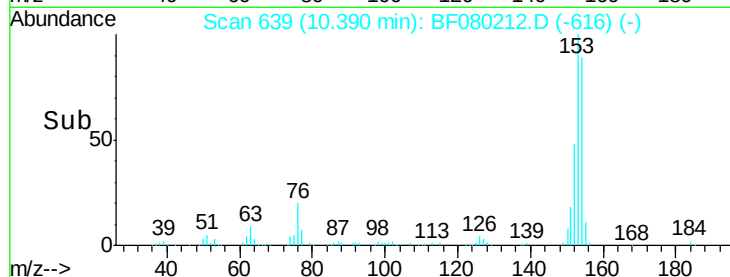
152 53.6 37.9 56.9



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: 26.92 ng

RT: 10.29 min Scan# 630

Delta R.T. -0.03 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

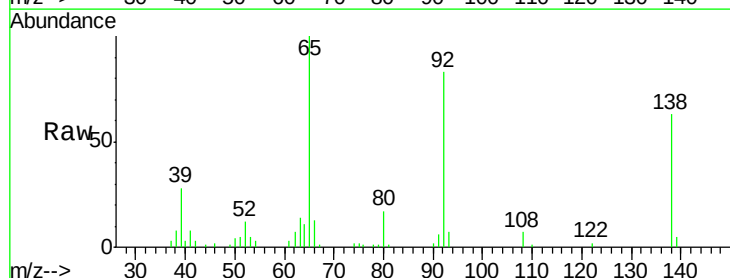
Tgt Ion:138 Resp: 27273

Ion Ratio Lower Upper

138 100

108 10.7 5.7 8.5#

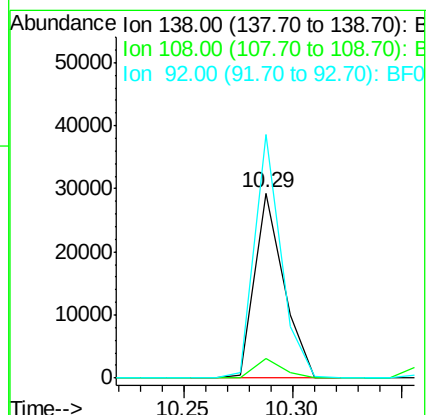
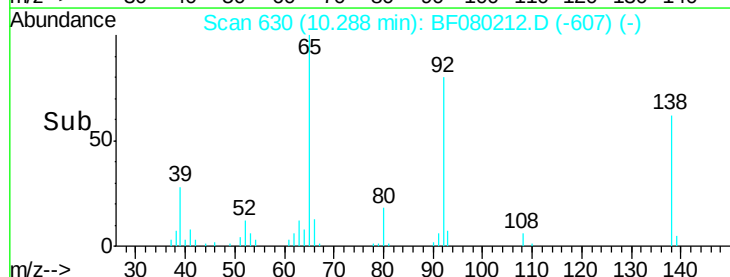
92 131.4 67.7 101.5#

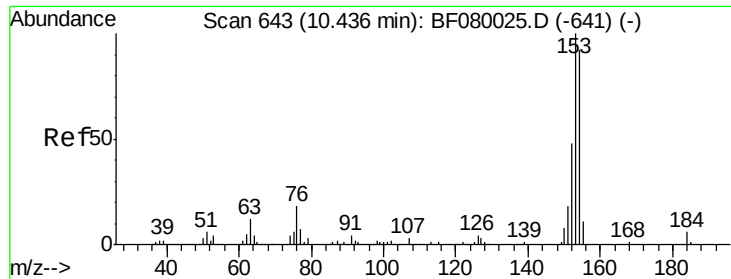


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

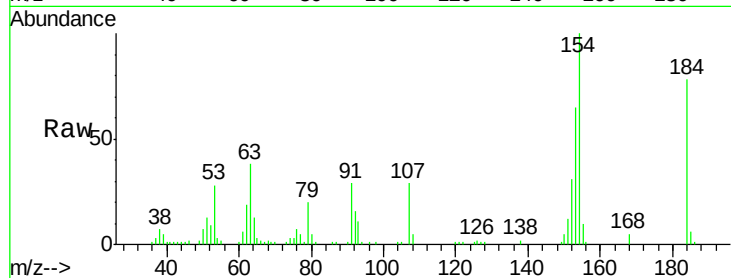




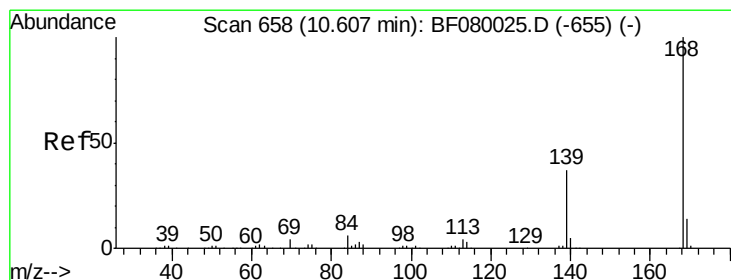
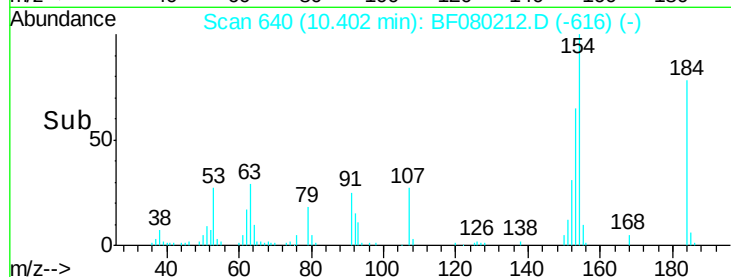
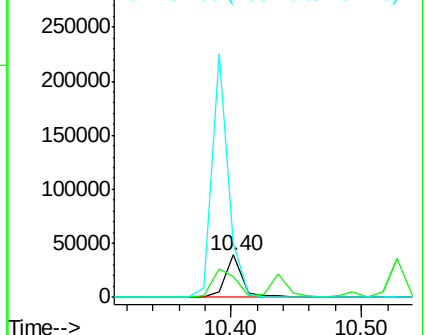
#53
2,4-Dinitrophenol
Concen: 98.02 ng
RT: 10.40 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:184 Resp: 35544
Ion Ratio Lower Upper
184 100
63 48.7 35.4 53.2
154 128.0 32.2 48.4#

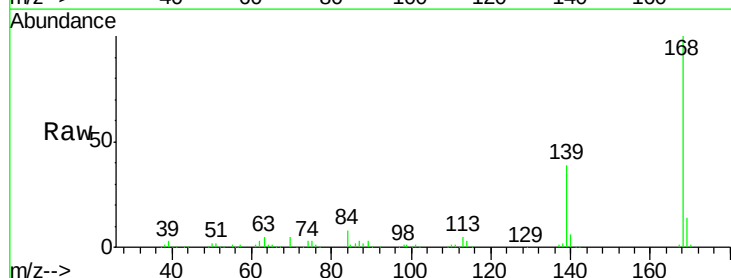


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

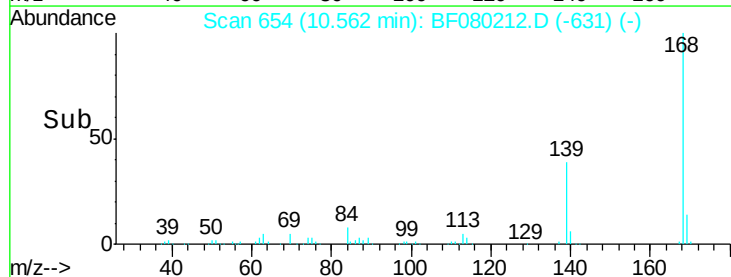
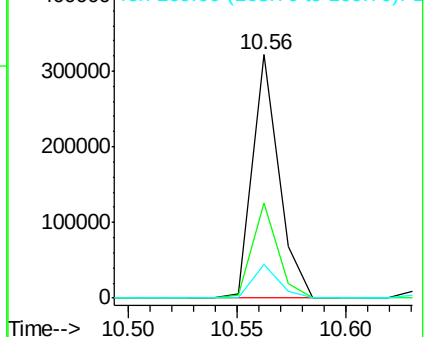


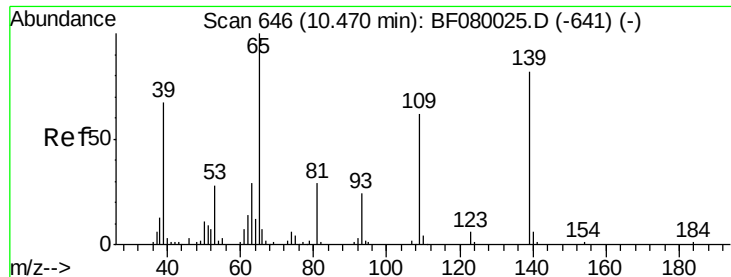
#54
Dibenzofuran
Concen: 48.85 ng
RT: 10.56 min Scan# 654
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:168 Resp: 272267
Ion Ratio Lower Upper
168 100
139 39.0 24.2 36.2#
169 13.6 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: 82.93 ng

RT: 10.44 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

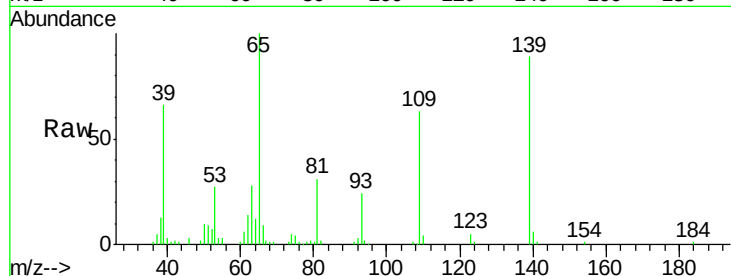
Tgt Ion:139 Resp: 67166

Ion Ratio Lower Upper

139 100

109 70.9 12.7 52.7#

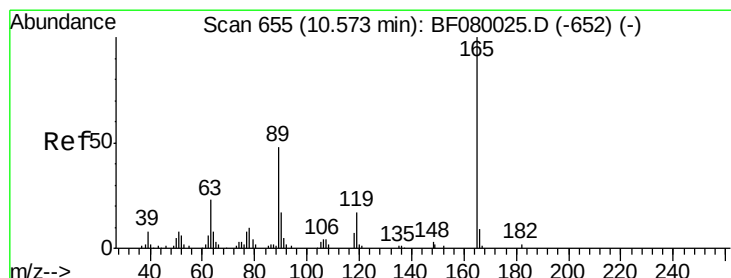
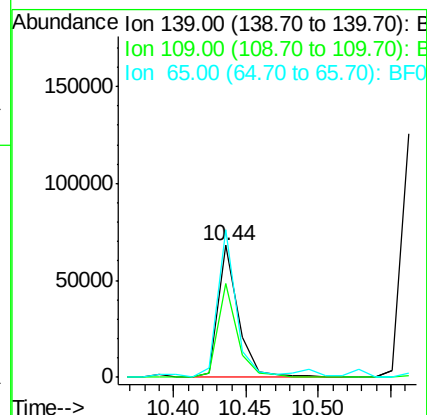
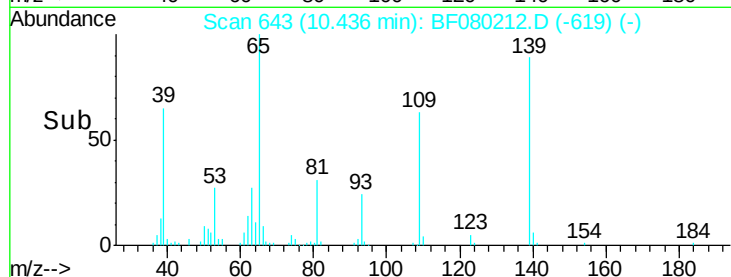
65 112.3 45.9 85.9#



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: 60.92 ng

RT: 10.53 min Scan# 651

Delta R.T. -0.02 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Tgt Ion:165 Resp: 67895

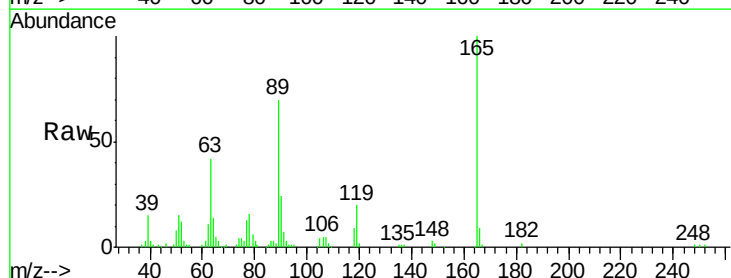
Ion Ratio Lower Upper

165 100

63 41.5 29.8 44.6

89 70.2 44.5 66.7#

182 2.1 3.0 4.4#

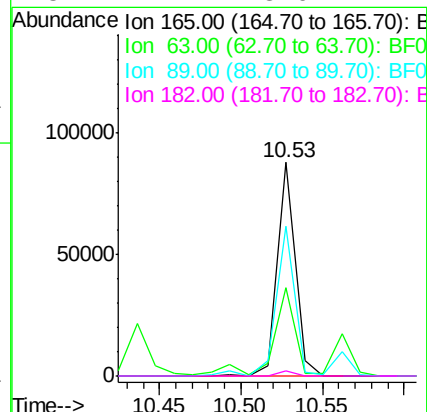
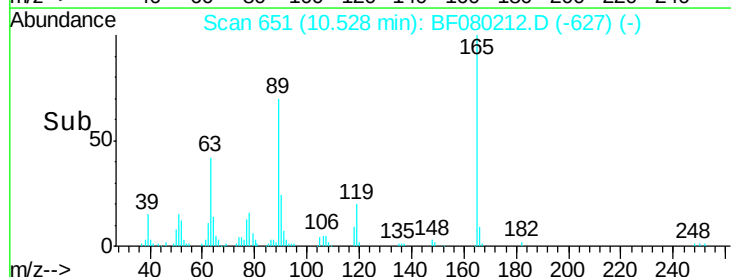


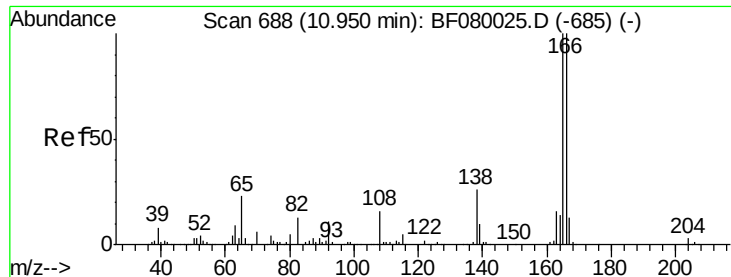
Abundance Ion 165.00 (164.70 to 165.70): E

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

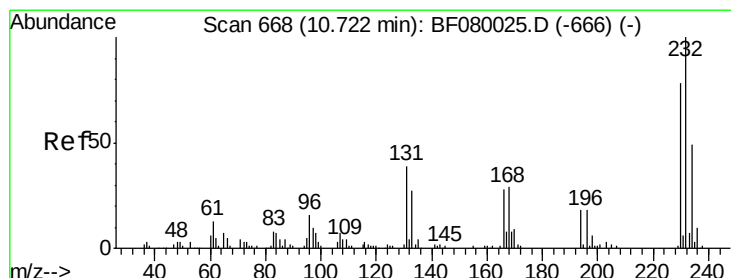
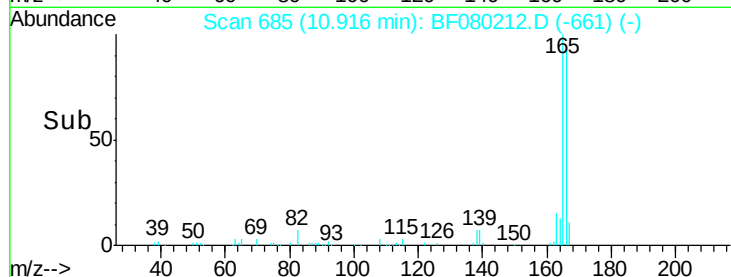
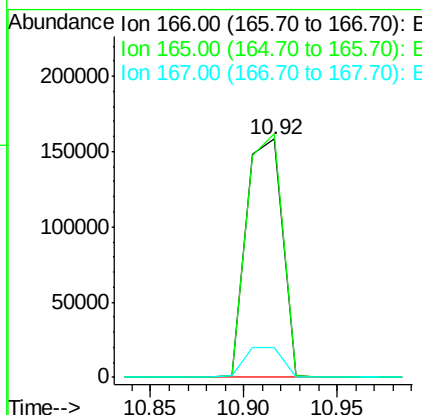
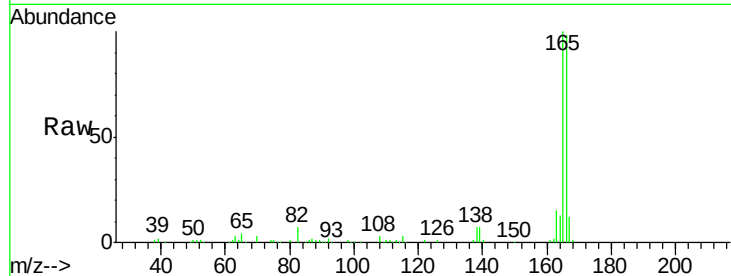




#57
 Fluorene
 Concen: 47.88 ng
 RT: 10.92 min Scan# 685
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

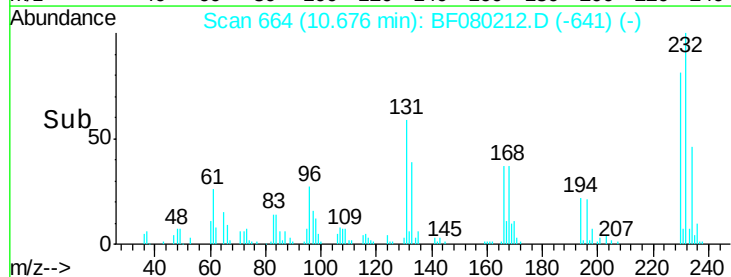
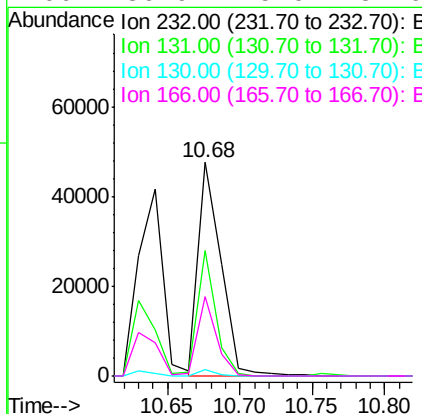
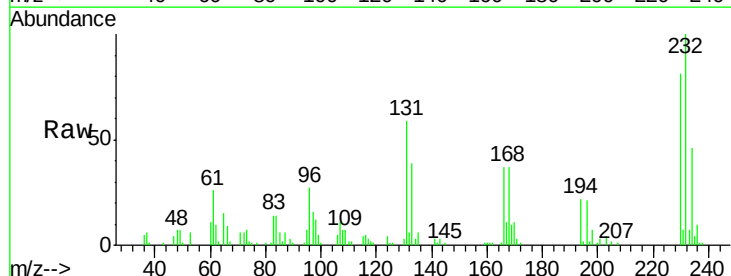
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

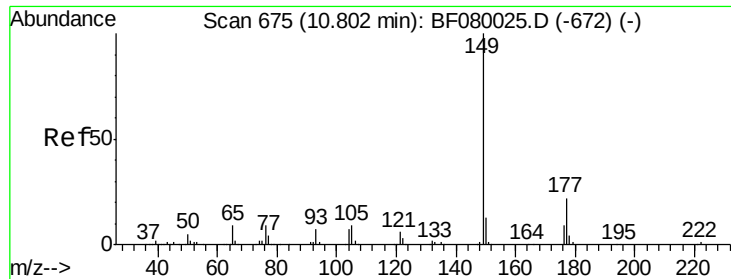
Tgt Ion:166 Resp: 211725
 Ion Ratio Lower Upper
 166 100
 165 102.3 72.6 109.0
 167 12.5 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.61 ng
 RT: 10.68 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:232 Resp: 52305
 Ion Ratio Lower Upper
 232 100
 131 46.9 38.5 57.7
 130 2.3 1.8 2.6
 166 30.9 25.0 37.6

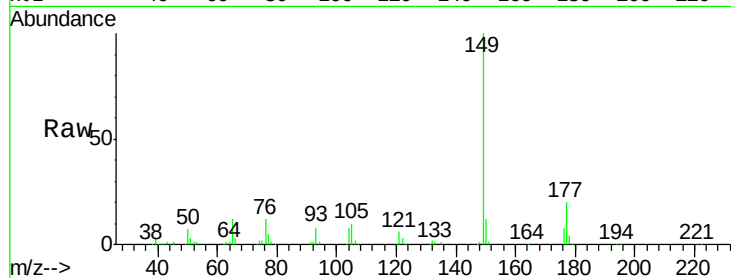




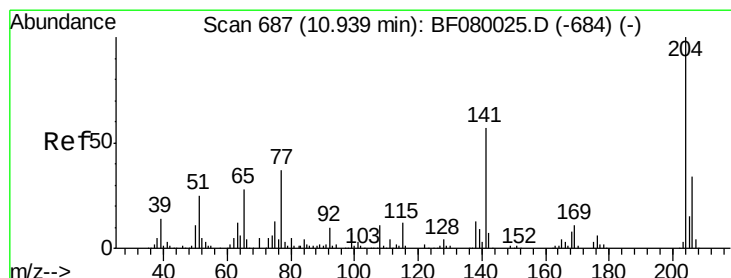
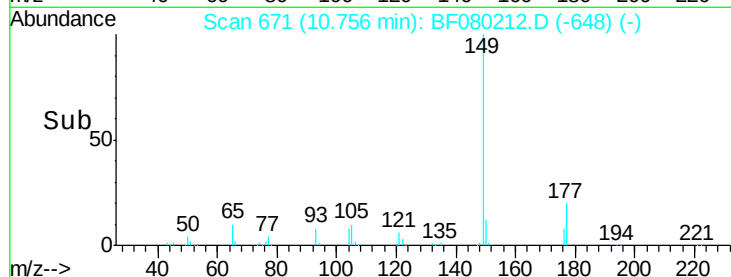
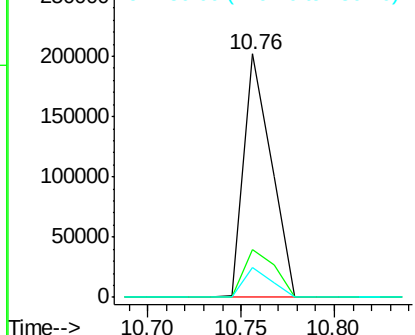
#59
Diethylphthalate
Concen: 47.30 ng
RT: 10.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:149 Resp: 208637
Ion Ratio Lower Upper
149 100
177 19.6 17.5 26.3
150 12.2 9.4 14.2

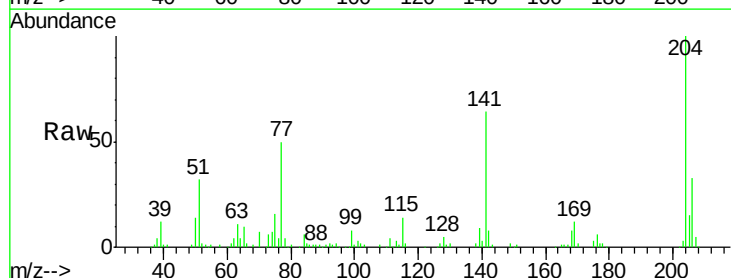


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

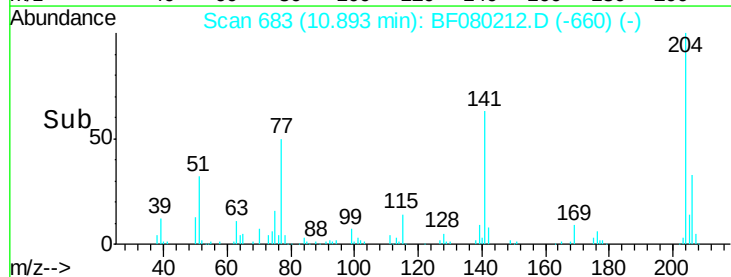
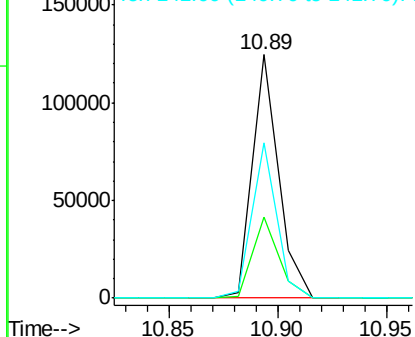


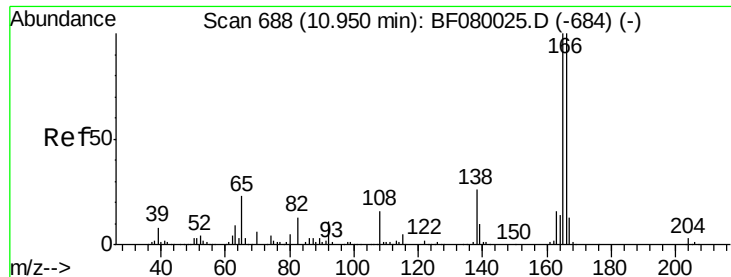
#60
4-Chlorophenyl-phenylether
Concen: 48.99 ng
RT: 10.89 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:204 Resp: 104114
Ion Ratio Lower Upper
204 100
206 33.4 24.8 37.2
141 63.7 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

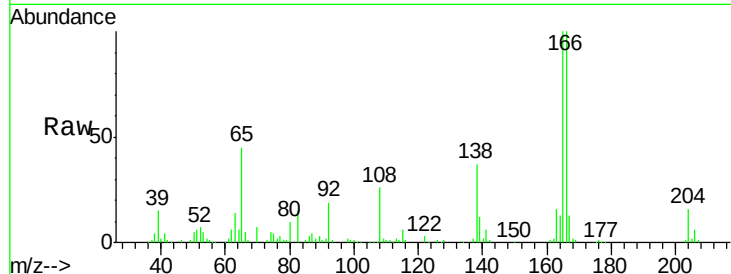




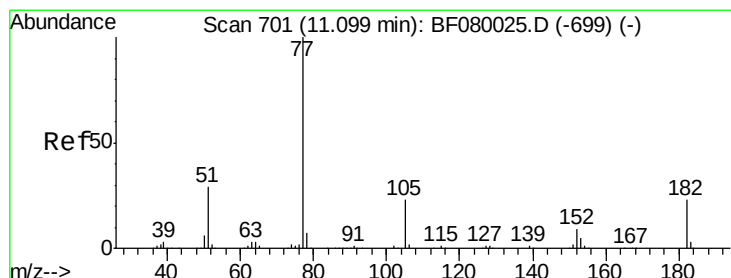
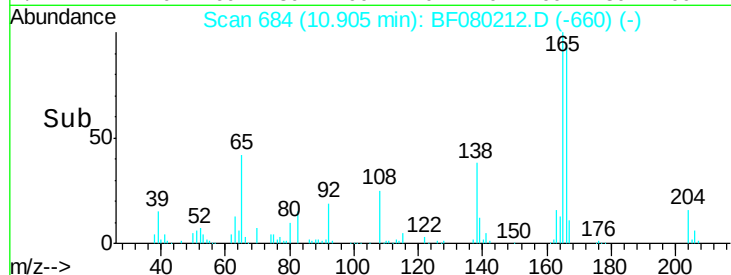
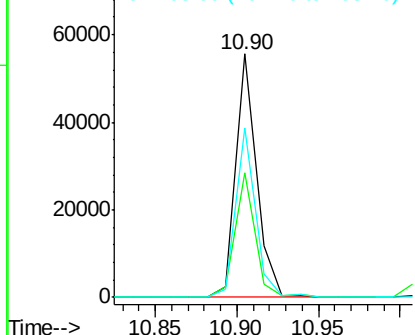
#61
4-Nitroaniline
Concen: 46.39 ng
RT: 10.90 min Scan# 684
Delta R.T. -0.02 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:138 Resp: 48543
Ion Ratio Lower Upper
138 100
92 51.2 12.6 52.6
108 69.4 12.4 52.4#



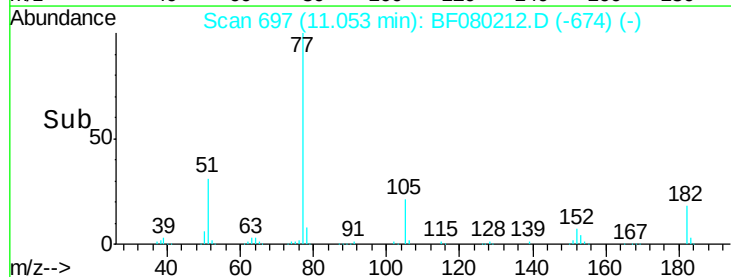
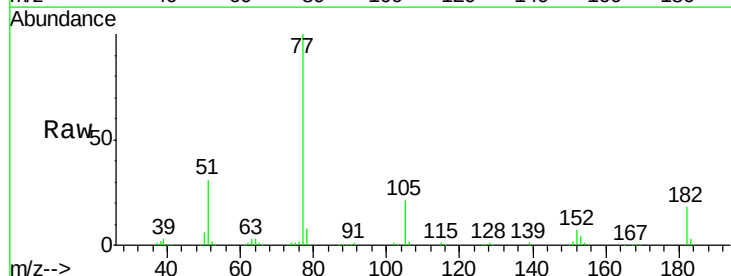
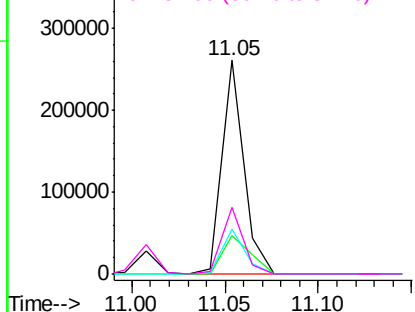
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

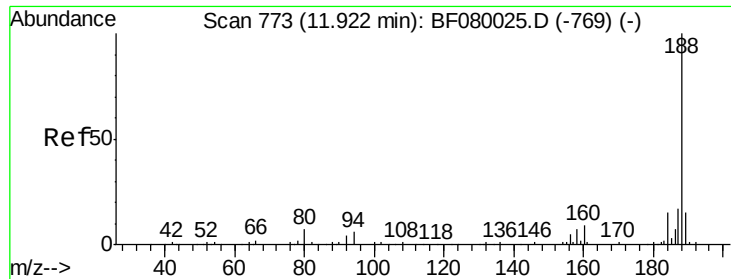


#62
Azobenzene
Concen: 47.78 ng
RT: 11.05 min Scan# 697
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion: 77 Resp: 214565
Ion Ratio Lower Upper
77 100
182 18.1 15.1 55.1
105 20.9 3.4 43.4
51 31.1 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

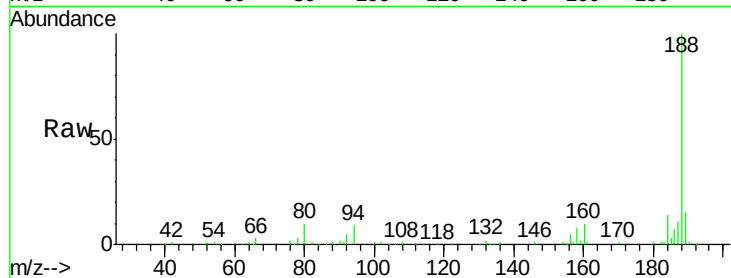




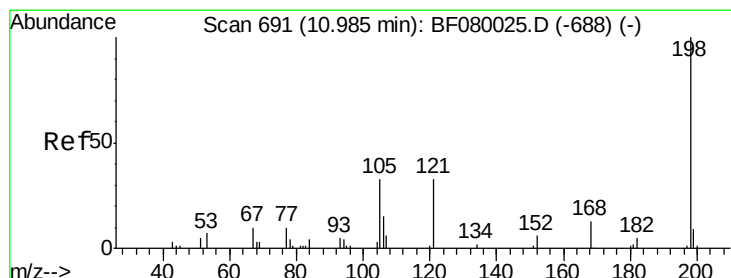
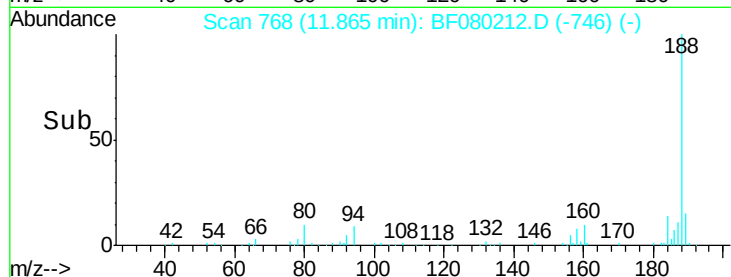
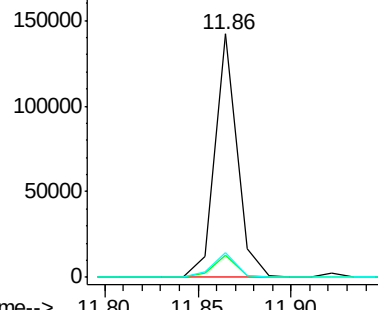
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. -0.05 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:188 Resp: 118223
 Ion Ratio Lower Upper
 188 100
 94 9.0 11.1 16.7#
 80 10.1 11.0 16.4#

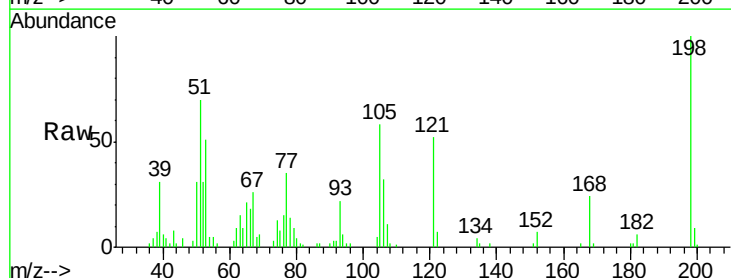


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

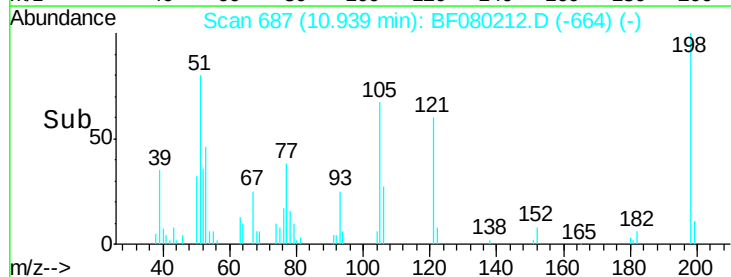
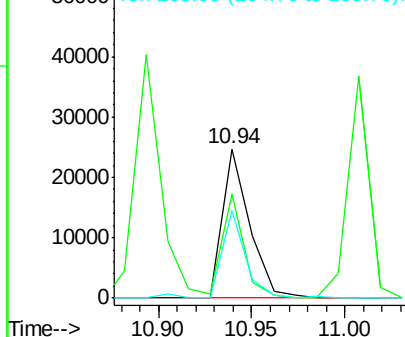


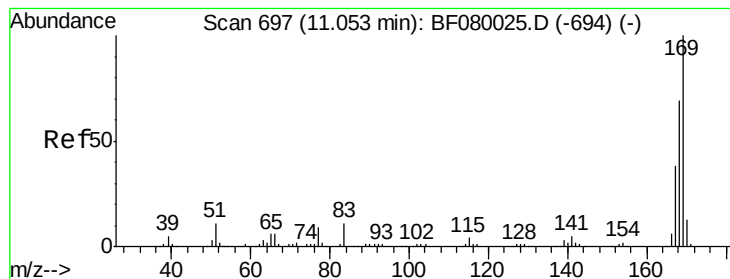
#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.49 ng
 RT: 10.94 min Scan# 687
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:198 Resp: 24966
 Ion Ratio Lower Upper
 198 100
 51 69.9 39.6 79.6
 105 58.5 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

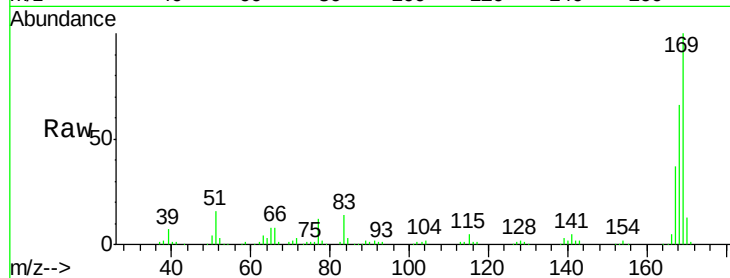




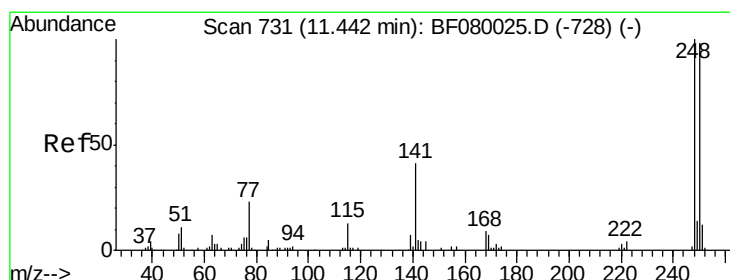
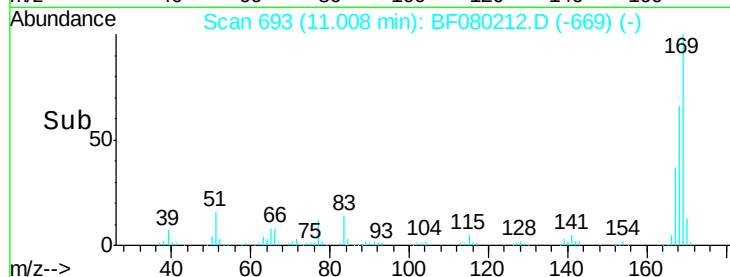
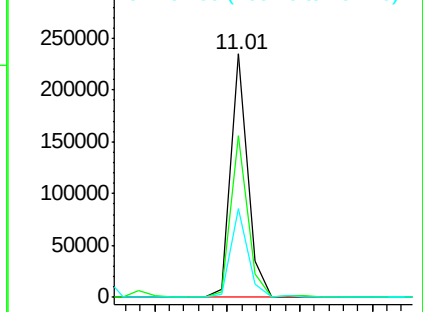
#65
 n-Nitrosodiphenylamine
 Concen: 49.50 ng
 RT: 11.01 min Scan# 693
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:169 Resp: 190558
 Ion Ratio Lower Upper
 169 100
 168 66.2 48.9 73.3
 167 36.7 26.2 39.4

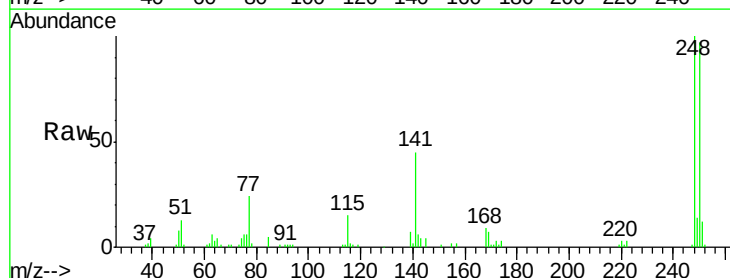


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

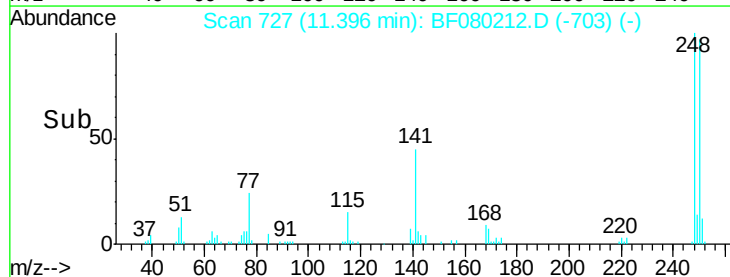
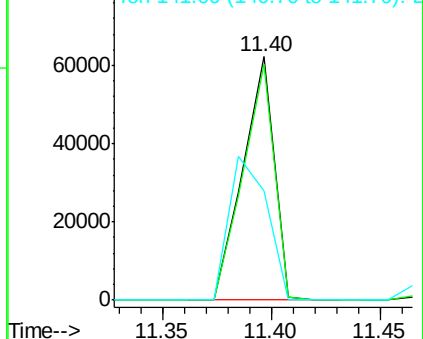


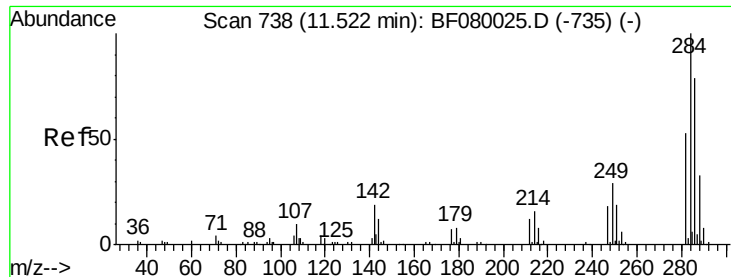
#66
 4-Bromophenyl-phenylether
 Concen: 49.33 ng
 RT: 11.40 min Scan# 727
 Delta R.T. -0.02 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:248 Resp: 62011
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.5 117.7
 141 45.0 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

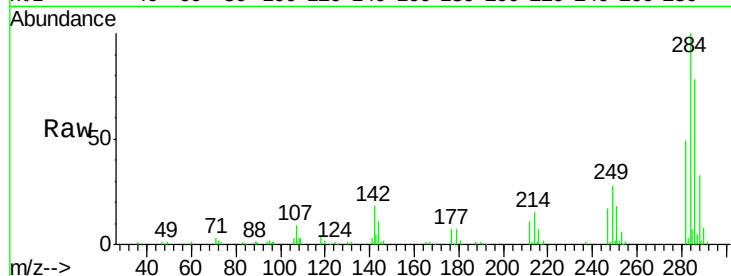




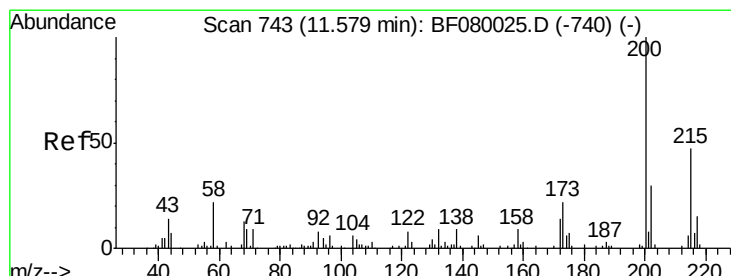
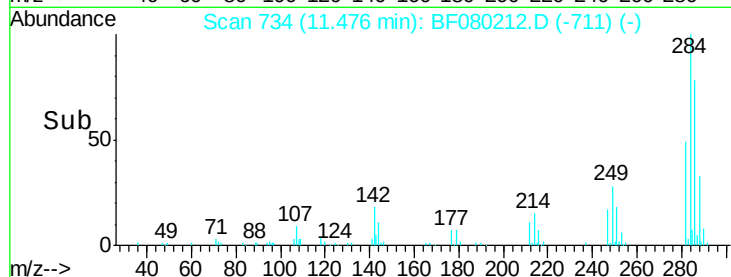
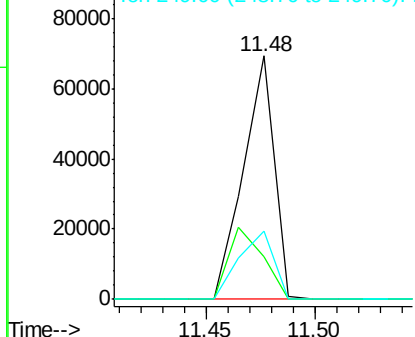
#67
Hexachlorobenzene
Concen: 48.91 ng
RT: 11.48 min Scan# 734
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Instrument :
BNA_F
ClientSampleId :
SOIL-STOCKPILE-TMS

Tgt Ion:284 Resp: 68336
Ion Ratio Lower Upper
284 100
142 17.5 29.5 44.3#
249 27.8 19.5 29.3

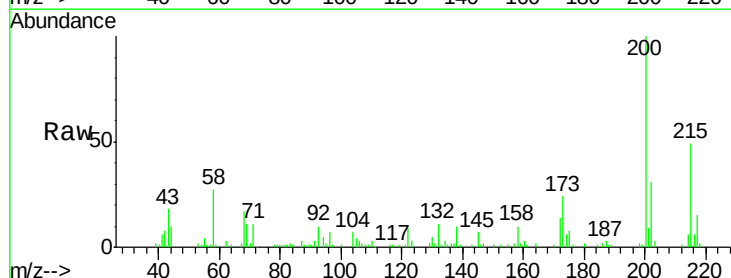


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

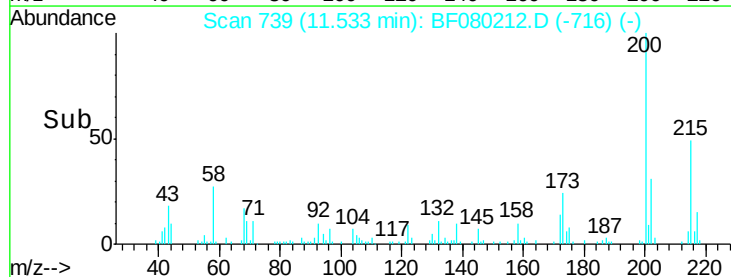
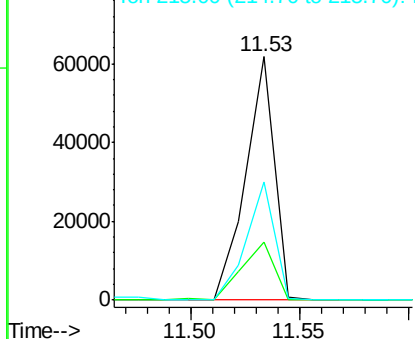


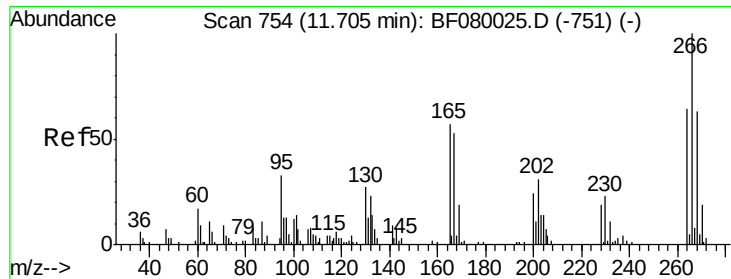
#68
Atrazine
Concen: 46.54 ng
RT: 11.53 min Scan# 739
Delta R.T. -0.03 min
Lab File: BF080212.D
Acq: 29 Jun 2015 18:06

Tgt Ion:200 Resp: 56600
Ion Ratio Lower Upper
200 100
173 23.9 13.2 53.2
215 48.6 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

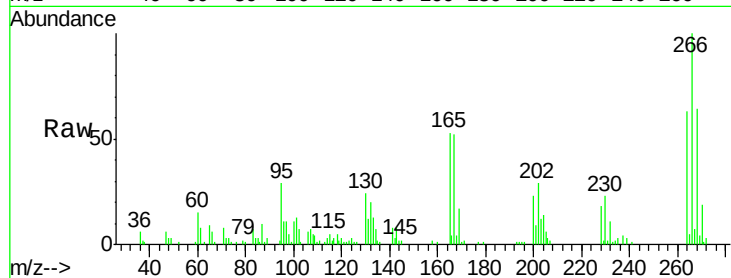




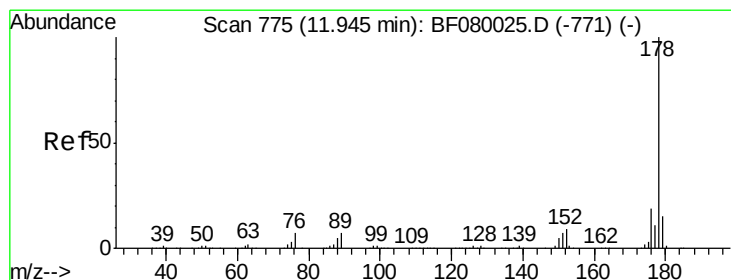
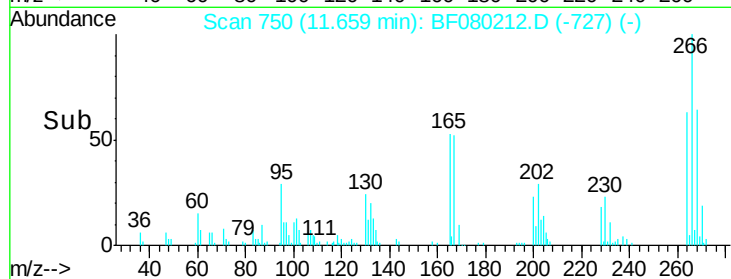
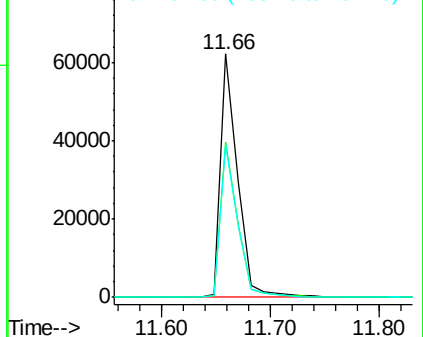
#69
 Pentachlorophenol
 Concen: 86.23 ng
 RT: 11.66 min Scan# 750
 Delta R.T. -0.03 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion:266 Resp: 68269
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.8 74.6
 264 62.8 50.2 75.2

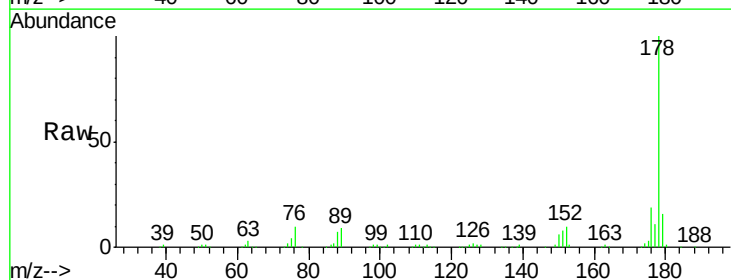


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

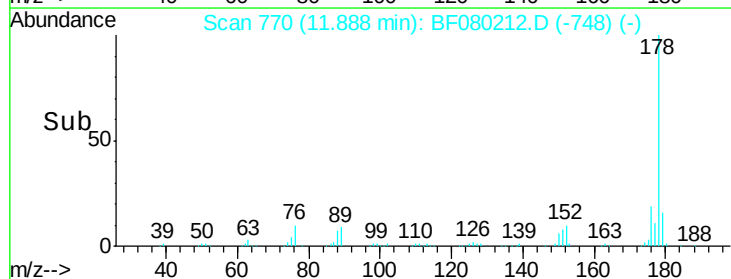
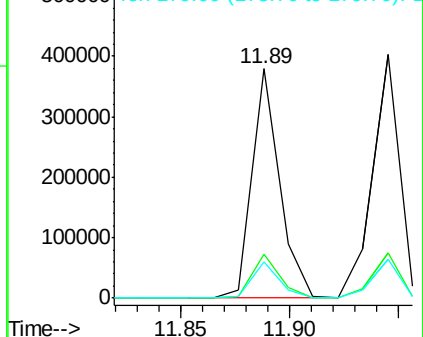


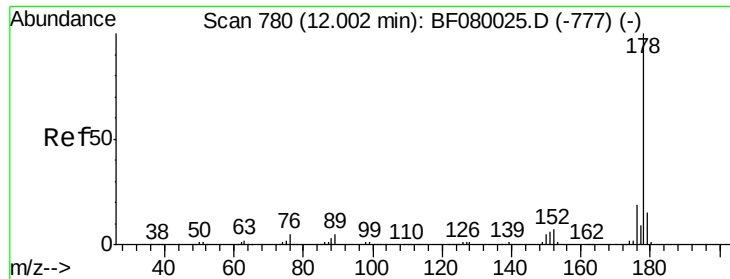
#70
 Phenanthrene
 Concen: 46.37 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.05 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:178 Resp: 331870
 Ion Ratio Lower Upper
 178 100
 176 19.0 13.8 20.8
 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

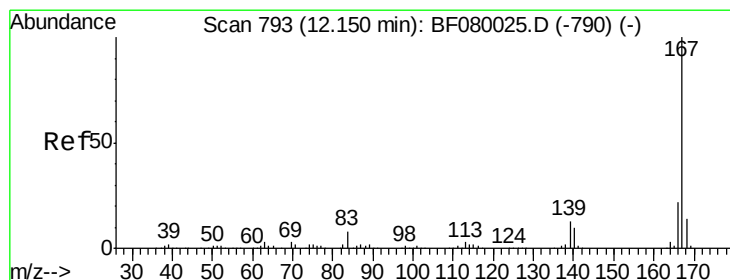
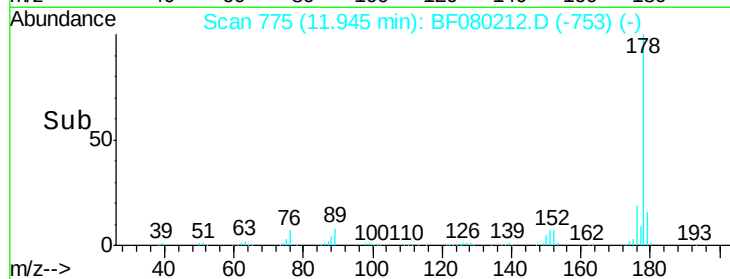
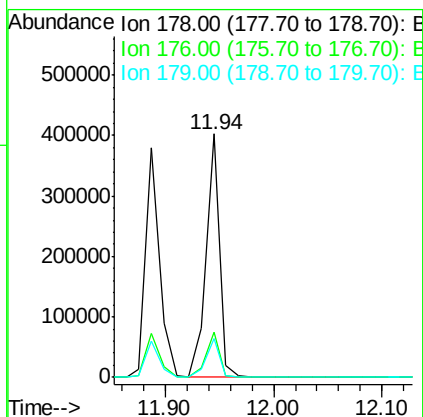
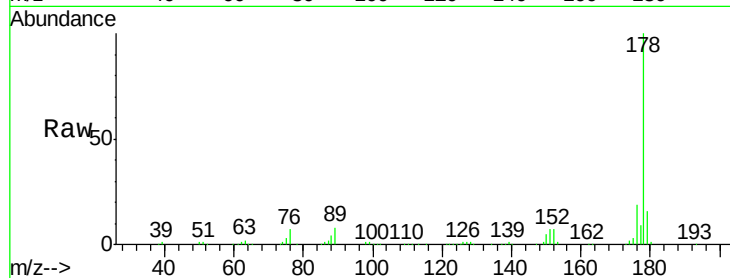




#71
 Anthracene
 Concen: 50.85 ng
 RT: 11.94 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

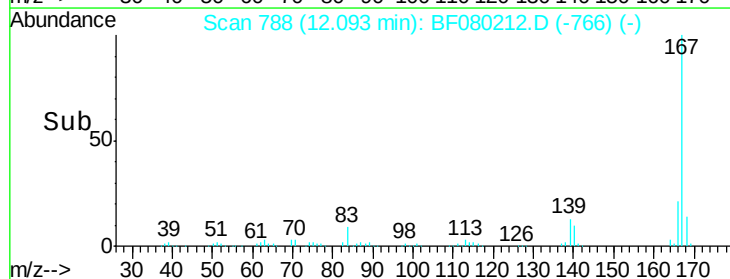
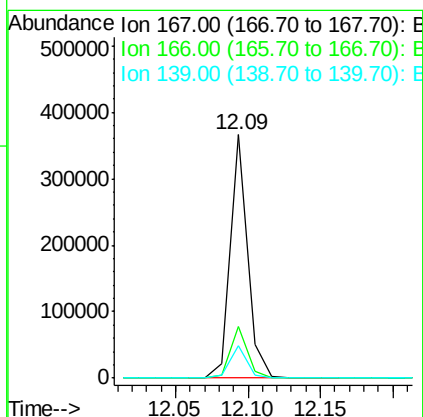
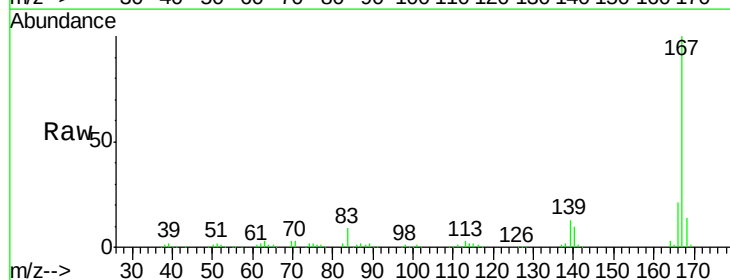
Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

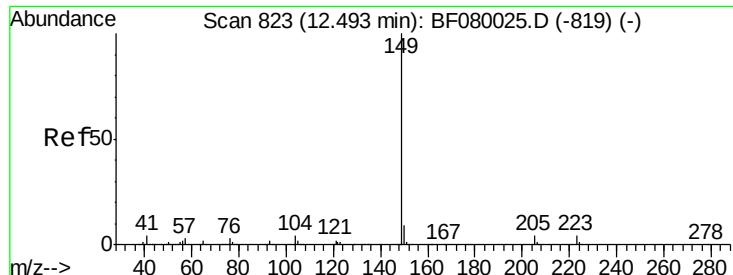
Tgt Ion:178 Resp: 350435
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.1 21.1
 179 15.7 12.2 18.2



#72
 Carbazole
 Concen: 46.12 ng
 RT: 12.09 min Scan# 788
 Delta R.T. -0.05 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion:167 Resp: 303466
 Ion Ratio Lower Upper
 167 100
 166 21.4 15.7 23.5
 139 13.3 9.5 14.3





#73

Di-n-butylphthalate

Concen: 47.81 ng

RT: 12.42 min Scan# 817

Delta R.T. -0.06 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

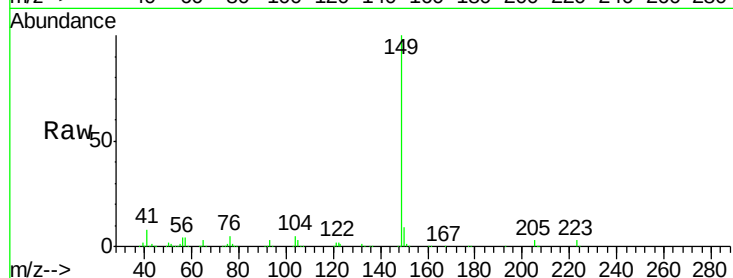
Tgt Ion:149 Resp: 363464

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

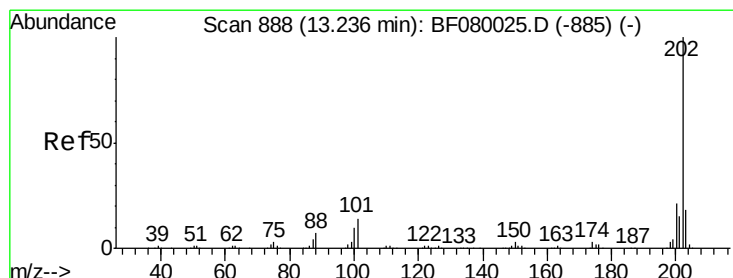
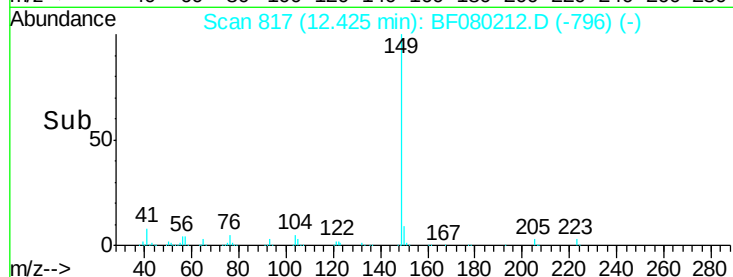
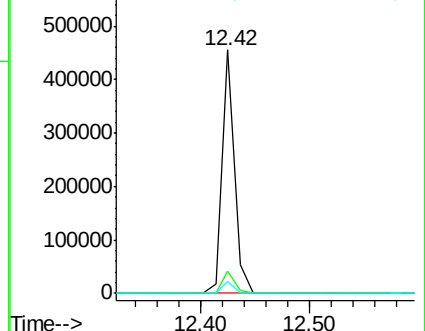
104 4.7 2.4 3.6#



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: 45.32 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.09 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

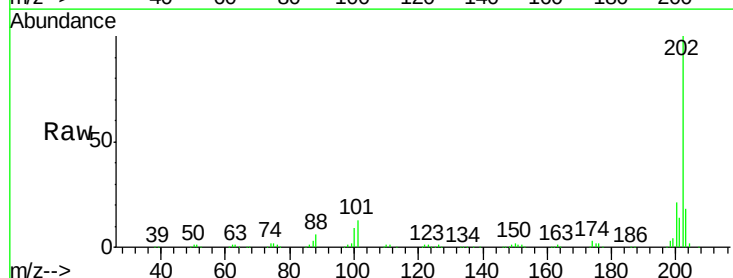
Tgt Ion:202 Resp: 345455

Ion Ratio Lower Upper

202 100

101 12.8 0.0 38.3

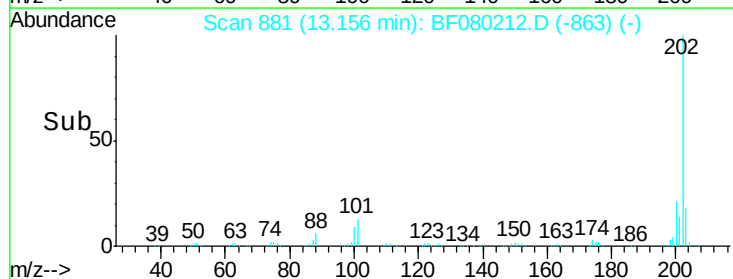
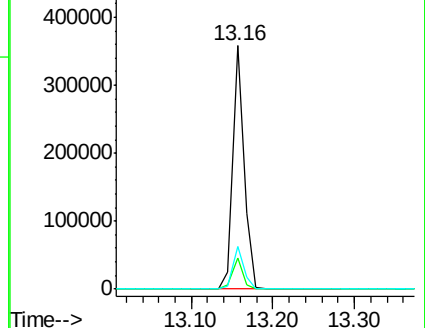
203 17.6 0.0 37.3

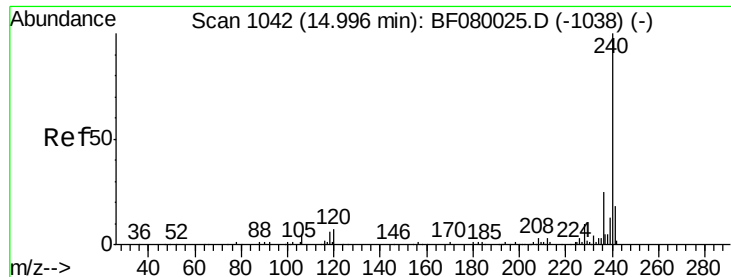


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.87 min Scan# 1031

Delta R.T. -0.13 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

Instrument :

BNA_F

ClientSampleId :

SOIL-STOCKPILE-TMS

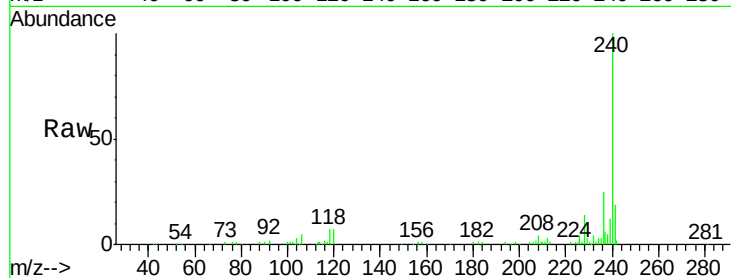
Tgt Ion:240 Resp: 119650

Ion Ratio Lower Upper

240 100

120 7.3 16.2 24.2#

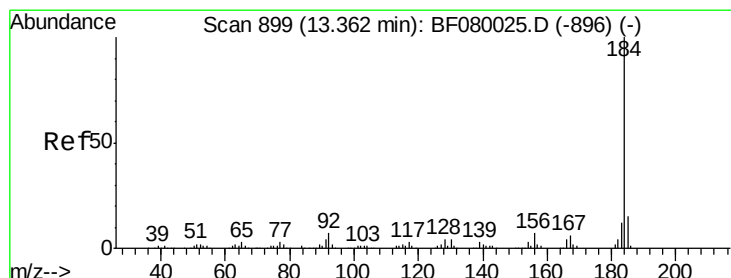
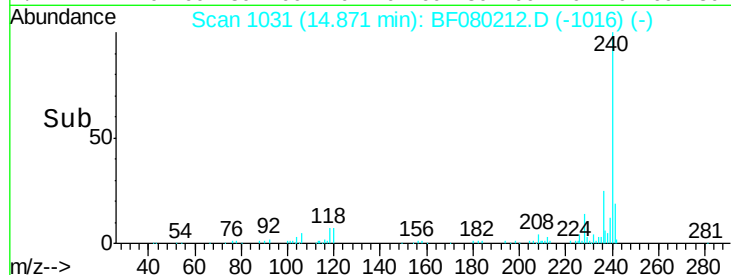
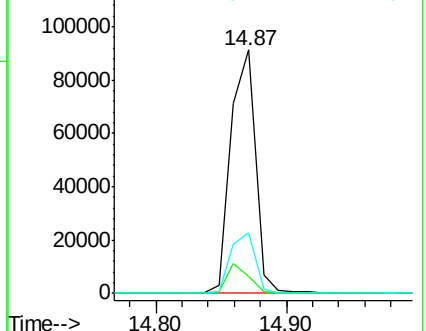
236 25.1 18.4 27.6



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: 26.50 ng

RT: 13.28 min Scan# 892

Delta R.T. -0.08 min

Lab File: BF080212.D

Acq: 29 Jun 2015 18:06

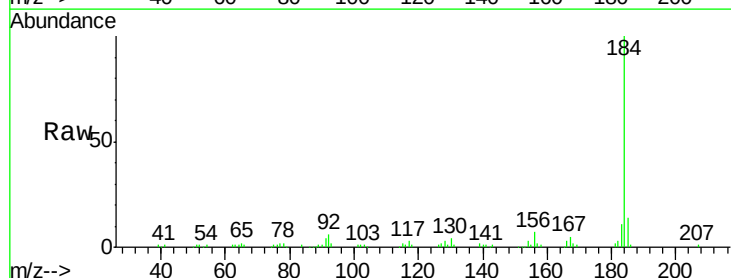
Tgt Ion:184 Resp: 88637

Ion Ratio Lower Upper

184 100

185 14.1 11.8 17.6

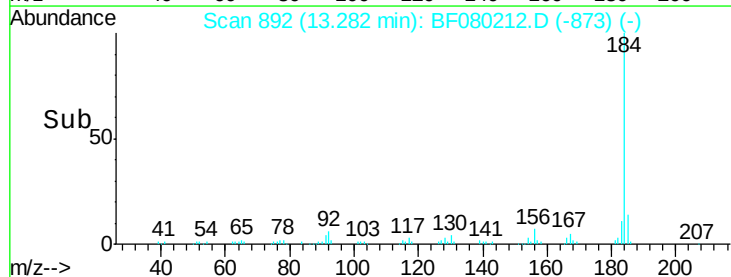
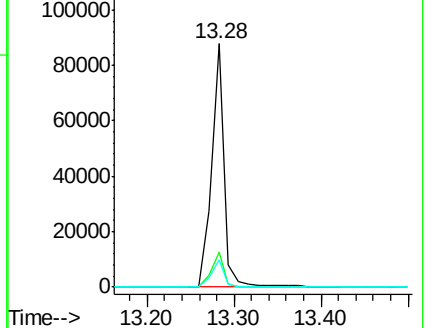
183 11.1 7.6 11.4

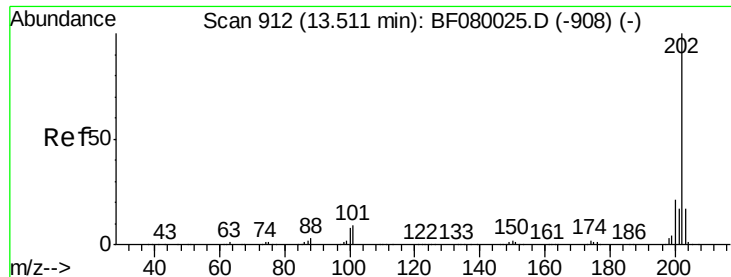


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

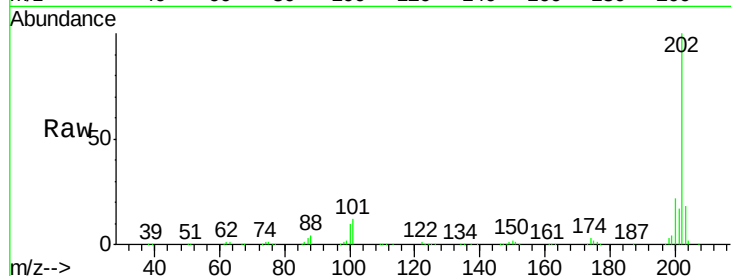




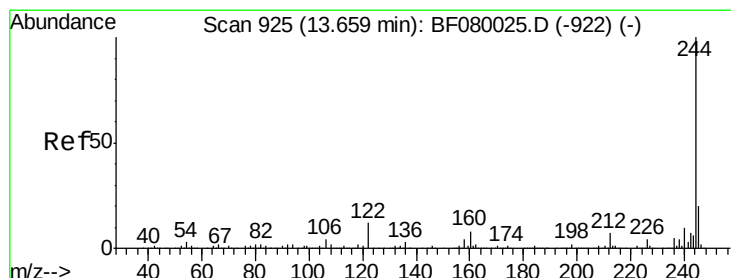
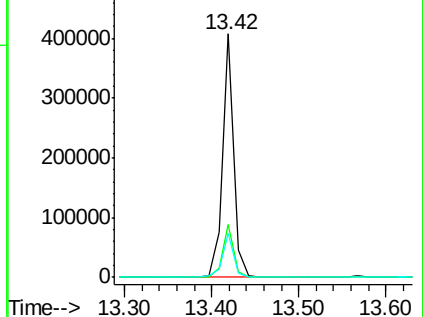
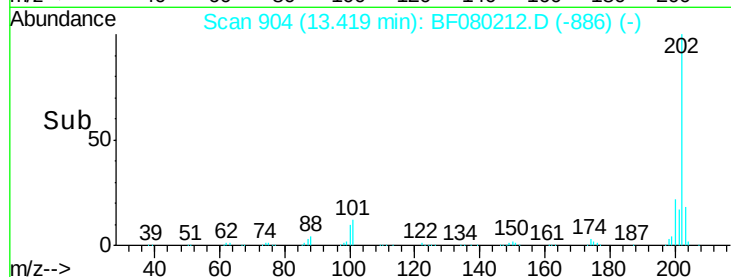
#77
Pyrene
 Concen: 50.23 ng
 RT: 13.42 min Scan# 904
 Delta R.T. -0.09 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Instrument :
 BNA_F
 ClientSampleId :
 SOIL-STOCKPILE-TMS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	15.0	22.4
203	17.8	14.1	21.1

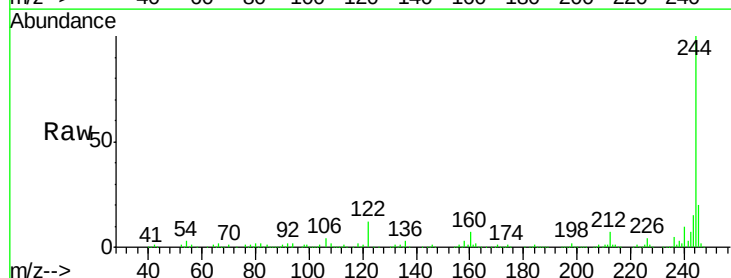


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
 Concen: 97.93 ng
 RT: 13.57 min Scan# 917
 Delta R.T. -0.10 min
 Lab File: BF080212.D
 Acq: 29 Jun 2015 18:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.3	6.5#
122	11.8	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

