

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023943.D
 Acq On : 1 Sep 2016 21:43
 Operator : UM/SJ
 Sample : H4635-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

Quant Time: Sep 02 01:25:42 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	27791	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	135983	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	113622	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	327239	20.00	ng	0.00
75) Chrysene-d12	21.84	240	344492	20.00	ng	0.00
86) Perylene-d12	25.21	264	337176	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	220016	138.99	ng	0.00
7) Phenol-d6	7.26	99	327615	134.45	ng	0.00
23) Nitrobenzene-d5	9.27	82	287130	94.27	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	302380	147.71	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	697916	88.07	ng	0.00
78) Terphenyl-d14	20.13	244	1556786	102.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	23521	36.03	ng	# 70
3) Pyridine	3.91	79	69674	35.51	ng	# 92
4) n-Nitrosodimethylamine	3.81	42	59176	57.22	ng	# 68
6) Aniline	7.41	93	80855	25.00	ng	96
8) 2-Chlorophenol	7.65	128	91463	49.88	ng	98
9) Benzaldehyde	7.23	77	17894	10.34	ng	# 87
10) Phenol	7.29	94	111640	43.55	ng	89
11) bis(2-Chloroethyl)ether	7.50	93	80591	39.96	ng	87
12) 1,3-Dichlorobenzene	7.97	146	91964	42.85	ng	96
13) 1,4-Dichlorobenzene	8.11	146	93652	41.19	ng	91
14) 1,2-Dichlorobenzene	8.44	146	94150	44.11	ng	94
15) Benzyl Alcohol	8.34	79	126949	59.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	113419	41.96	ng	98
17) 2-Methylphenol	8.55	107	86896	50.32	ng	98
18) Hexachloroethane	9.17	117	39675	45.31	ng	92
19) n-Nitroso-di-n-propylamine	8.90	70	98887	45.94	ng	# 83
20) 3+4-Methylphenols	8.88	107	123098	51.15	ng	93
22) Acetophenone	8.92	105	141139	40.09	ng	# 96
24) Nitrobenzene	9.31	77	149843	45.75	ng	94
25) Isophorone	9.84	82	281918	47.73	ng	98
26) 2-Nitrophenol	10.03	139	62739	50.38	ng	98
27) 2,4-Dimethylphenol	10.09	122	113841	53.80	ng	91
28) bis(2-Chloroethoxy)methane	10.32	93	139346	46.72	ng	93
29) 2,4-Dichlorophenol	10.58	162	121426	54.16	ng	99
30) 1,2,4-Trichlorobenzene	10.78	180	110236	44.83	ng	96
31) Naphthalene	10.97	128	334129	47.69	ng	98
32) Benzoic acid	10.26	122	59752	34.77	ng	98
33) 4-Chloroaniline	11.11	127	22291	7.62	ng	98
34) Hexachlorobutadiene	11.24	225	82596	44.72	ng	95
35) Caprolactam	11.91	113	35928m	45.47	ng	
36) 4-Chloro-3-methylphenol	12.23	107	160445	53.55	ng	91
37) 2-Methylnaphthalene	12.58	142	274098	51.42	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	144709	38.37	ng	98
40) Hexachlorocyclopentadiene	12.91	237	173289	76.59	ng	97

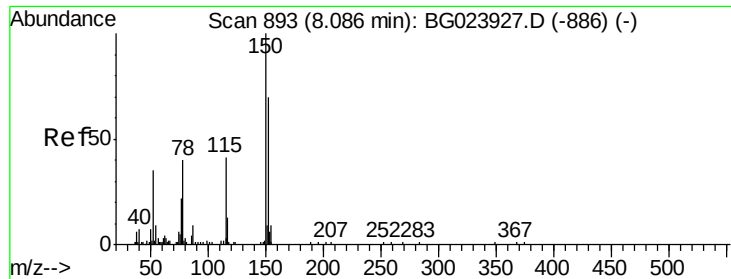
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023943.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	118890	47.24	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	128117	50.36	ng #	93
45) 1,1'-Biphenyl	13.58	154	368275	40.30	ng	97
46) 2-Chloronaphthalene	13.64	162	312386	46.56	ng	99
47) 2-Nitroaniline	13.85	65	148244	56.09	ng	96
48) Acenaphthylene	14.48	152	531143	47.49	ng	100
49) Dimethylphthalate	14.21	163	474751	48.73	ng	100
50) 2,6-Dinitrotoluene	14.34	165	102140	49.66	ng #	87
51) Acenaphthene	14.82	154	338670	48.98	ng	99
52) 3-Nitroaniline	14.69	138	50958	26.49	ng #	76
53) 2,4-Dinitrophenol	14.89	184	142083	93.31	ng #	77
54) Dibenzofuran	15.16	168	570504	52.87	ng	98
55) 4-Nitrophenol	15.01	139	144821	94.62	ng #	74
56) 2,4-Dinitrotoluene	15.13	165	156716	51.84	ng #	87
57) Fluorene	15.81	166	492272	52.60	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.39	232	148128	57.36	ng	95
59) Diethylphthalate	15.57	149	539733	51.89	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	264892	52.58	ng	92
61) 4-Nitroaniline	15.86	138	103158	53.04	ng	89
62) Azobenzene	16.09	77	588101	58.38	ng	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	107635	47.38	ng	84
65) n-Nitrosodiphenylamine	16.02	169	453619	48.80	ng	98
66) 4-Bromophenyl-phenylether	16.70	248	200025	50.24	ng	97
67) Hexachlorobenzene	16.82	284	207560	44.45	ng	95
68) Atrazine	16.97	200	198018	49.52	ng	98
69) Pentachlorophenol	17.17	266	241587	97.42	ng	99
70) Phenanthrene	17.57	178	880982	51.75	ng	98
71) Anthracene	17.65	178	892740	51.41	ng	97
72) Carbazole	17.94	167	797367	50.60	ng	96
73) Di-n-butylphthalate	18.46	149	966785	51.42	ng	98
74) Fluoranthene	19.57	202	1076520	52.52	ng	96
76) Benzidine	19.78	184	27375m	2.57	ng	
77) Pyrene	19.94	202	1094206	51.65	ng	93
79) Butylbenzylphthalate	20.81	149	419811	51.40	ng	100
80) Benzo(a)anthracene	21.81	228	1047924	54.34	ng	93
81) 3,3'-Dichlorobenzidine	21.72	252	220175	28.56	ng	96
82) Chrysene	21.88	228	967650	52.72	ng	98
83) Bis(2-ethylhexyl)phthalate	21.68	149	571208	51.08	ng	95
84) Di-n-octyl phthalate	22.94	149	938841	51.19	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	1101696	54.21	ng #	100
87) Benzo(b)fluoranthene	24.13	252	1040460	54.32	ng	98
88) Benzo(k)fluoranthene	24.20	252	1011532	53.26	ng	98
89) Benzo(a)pyrene	25.04	252	1002951	55.14	ng	97
90) Dibenzo(a,h)anthracene	29.13	278	934239	52.23	ng	97
91) Benzo(g,h,i)perylene	30.29	276	935117	54.36	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 893

Delta R.T. -0.00 min

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ClientSampleId :

11FT-SOILMS

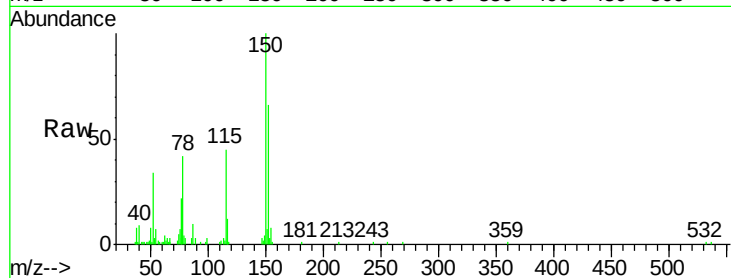
Tgt Ion:152 Resp: 27791

Ion Ratio Lower Upper

152 100

150 151.5 144.7 217.1

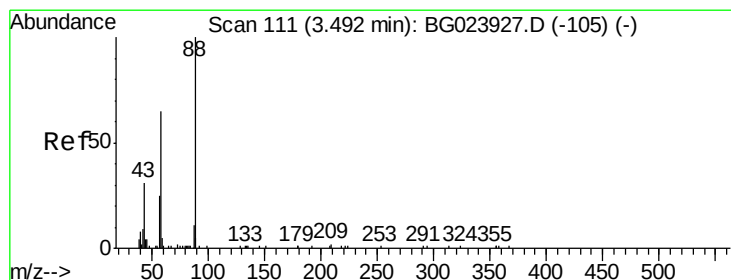
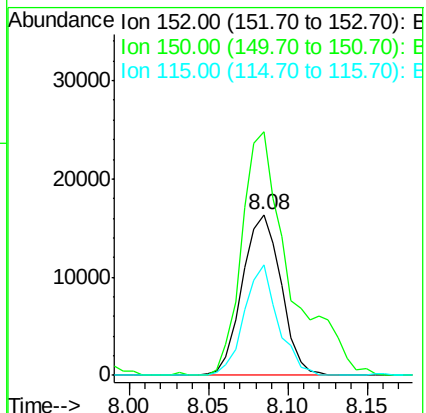
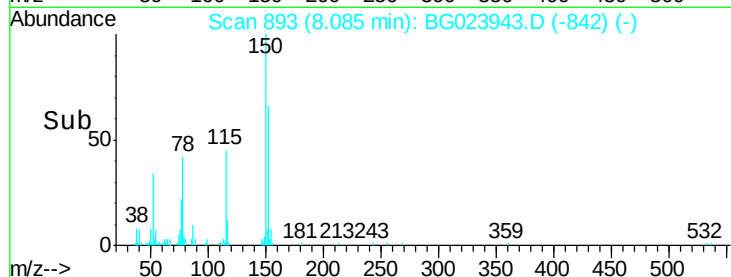
115 68.8 64.0 96.0



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: 36.03 ng

RT: 3.49 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

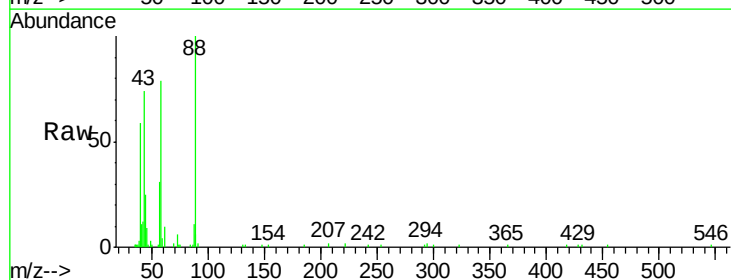
Tgt Ion: 88 Resp: 23521

Ion Ratio Lower Upper

88 100

58 79.5 60.4 90.6

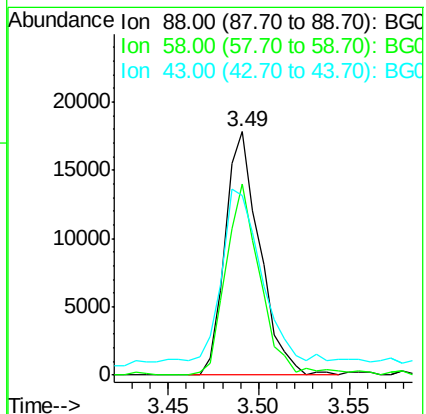
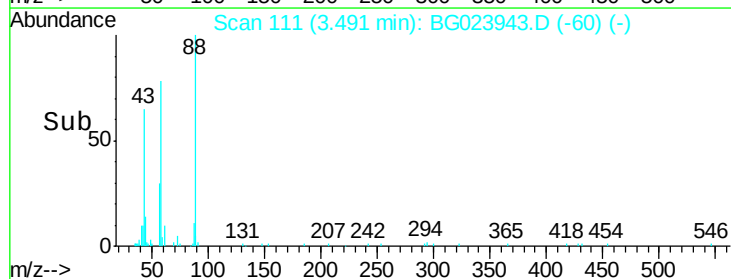
43 88.0 31.1 46.7#

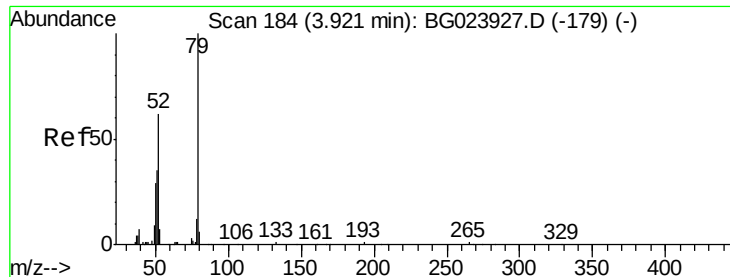


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.51 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

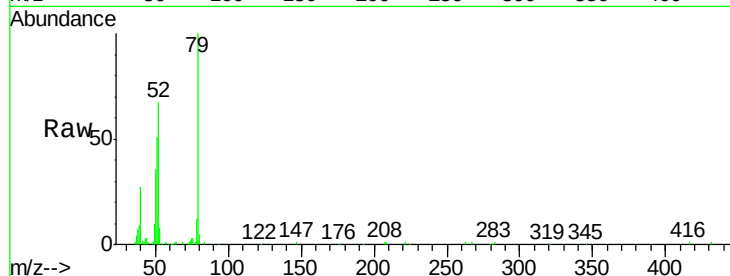
Tgt Ion: 79 Resp: 69674

Ion Ratio Lower Upper

79 100

52 66.9 51.8 77.8

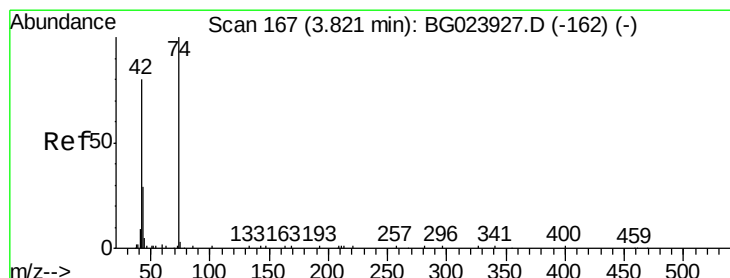
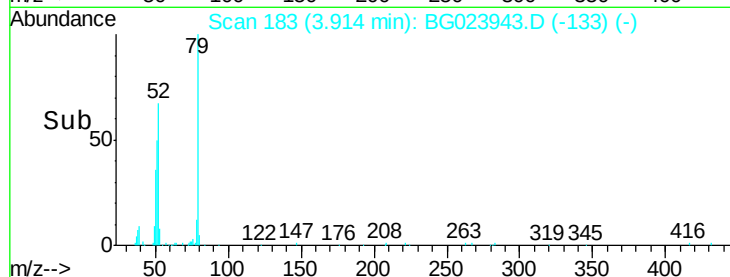
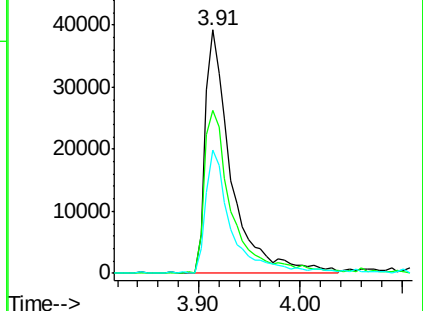
51 50.8 32.7 49.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 57.22 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

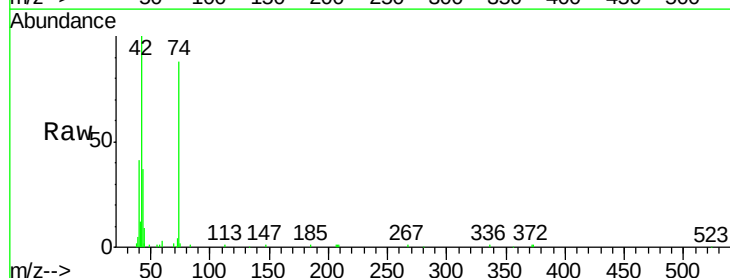
Tgt Ion: 42 Resp: 59176

Ion Ratio Lower Upper

42 100

74 88.5 100.6 150.8#

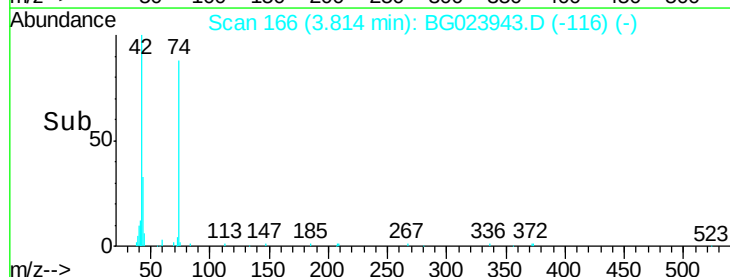
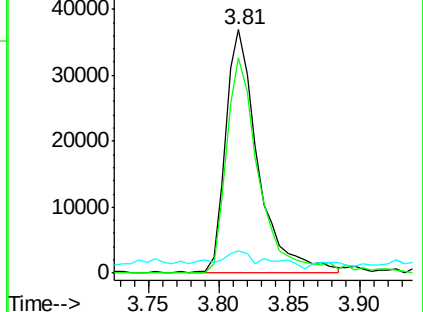
44 9.2 4.5 6.7#

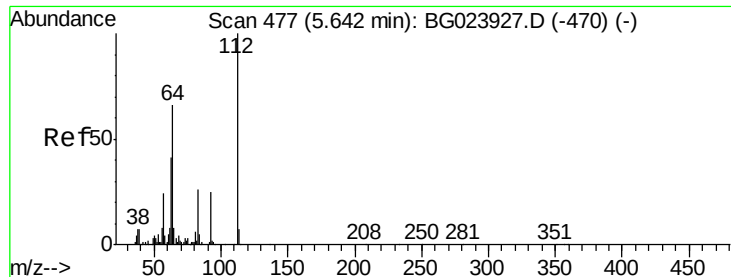


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.99 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

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ClientSampleId :

11FT-SOILMS

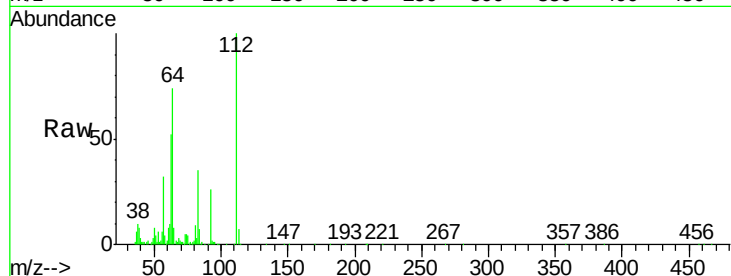
Tgt Ion: 112 Resp: 220016

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

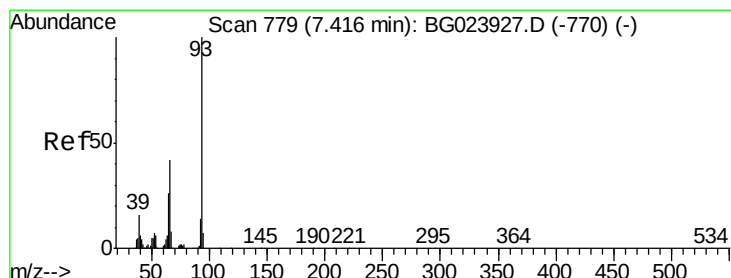
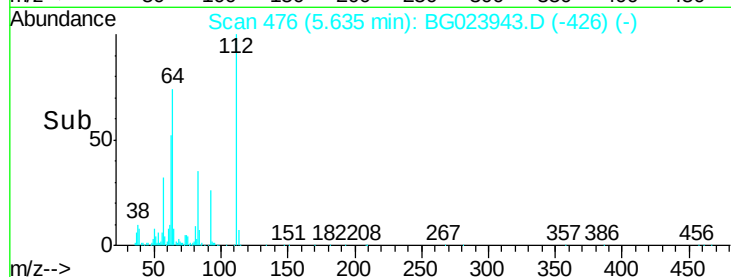
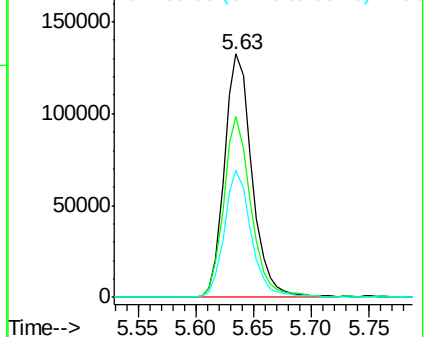
63 52.2 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.00 ng

RT: 7.41 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

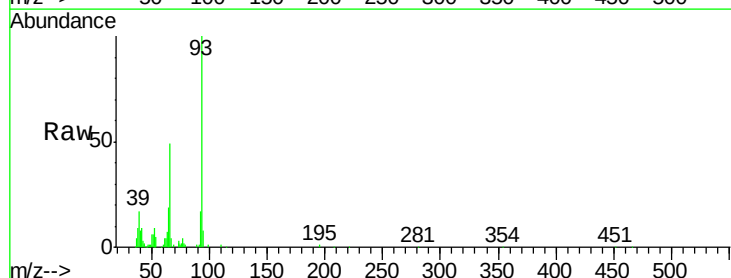
Tgt Ion: 93 Resp: 80855

Ion Ratio Lower Upper

93 100

66 48.7 37.5 56.3

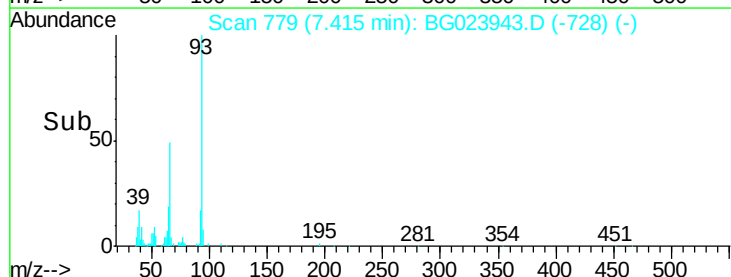
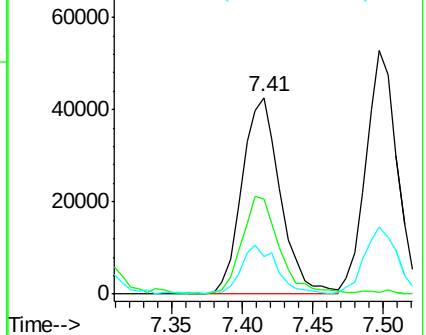
65 18.8 17.9 26.9

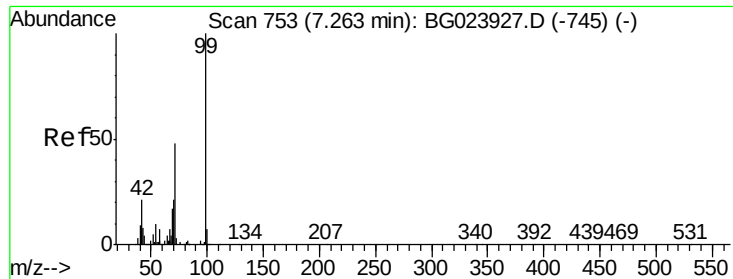


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.45 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023943.D

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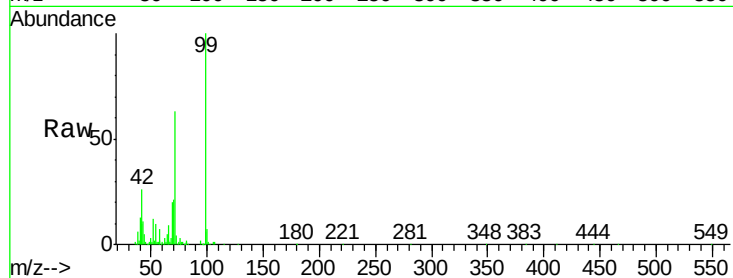
Tgt Ion: 99 Resp: 327615

Ion Ratio Lower Upper

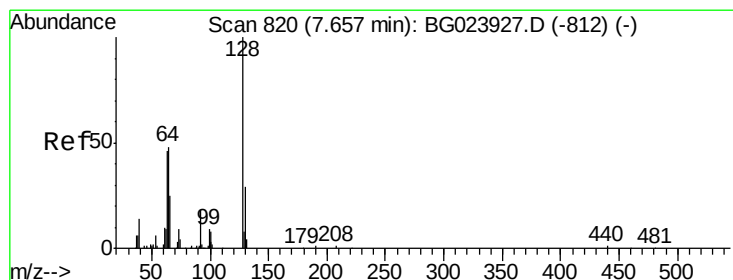
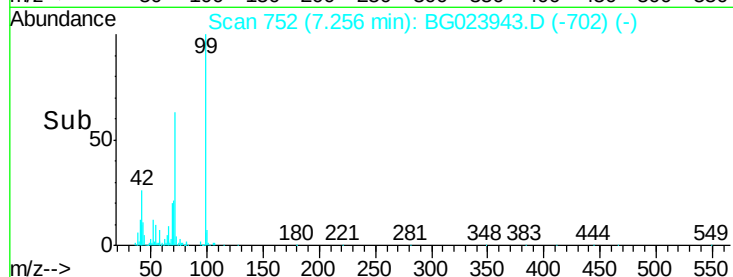
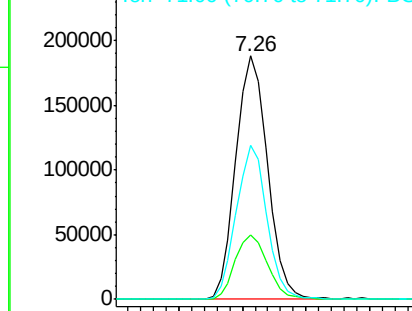
99 100

42 26.2 17.8 26.6

71 63.2 41.5 62.3#



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



#8

2-Chlorophenol

Concen: 49.88 ng

RT: 7.65 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

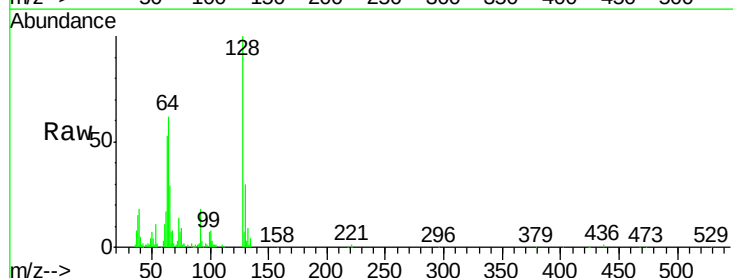
Tgt Ion: 128 Resp: 91463

Ion Ratio Lower Upper

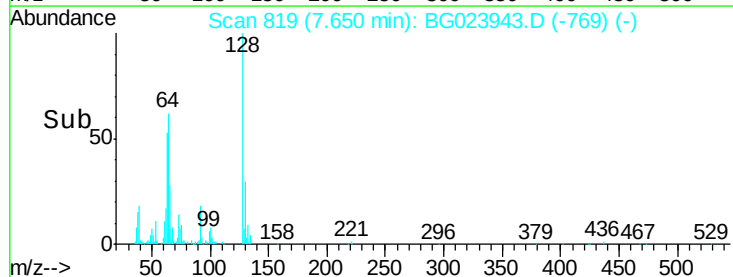
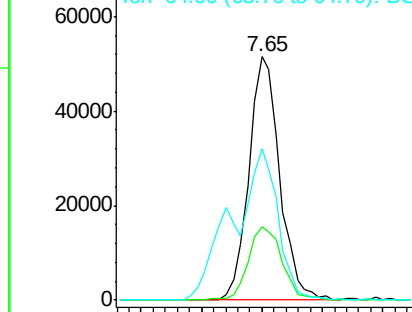
128 100

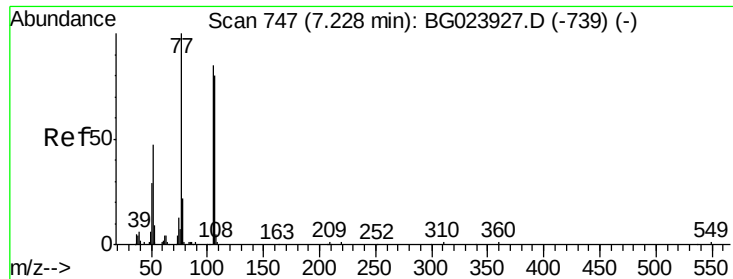
130 30.0 12.9 52.9

64 62.0 42.0 82.0



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





#9

Benzaldehyde

Concen: 10.34 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

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ClientSampleId :

11FT-SOILMS

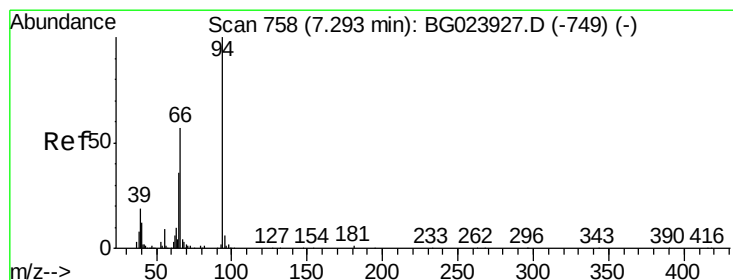
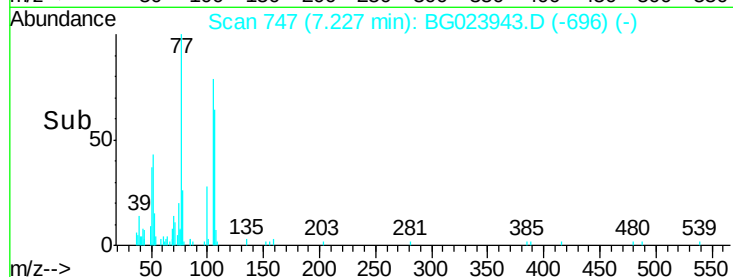
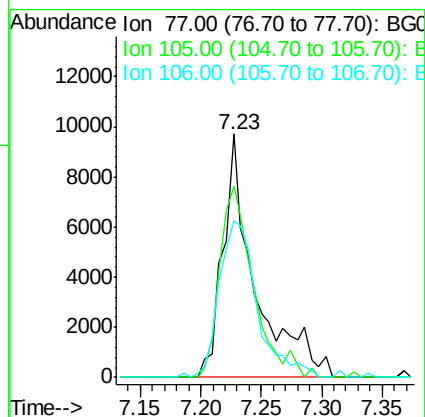
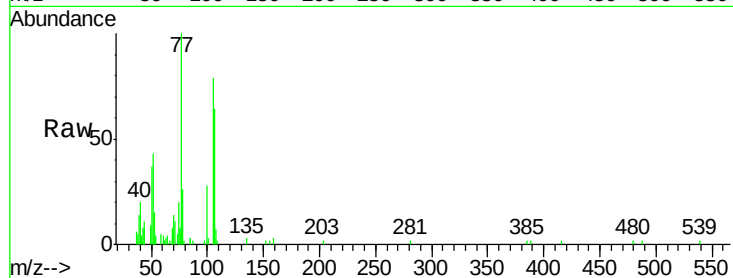
Tgt Ion: 77 Resp: 17894

Ion Ratio Lower Upper

77 100

105 78.6 58.7 98.7

106 64.2 67.5 107.5#



#10

Phenol

Concen: 43.55 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

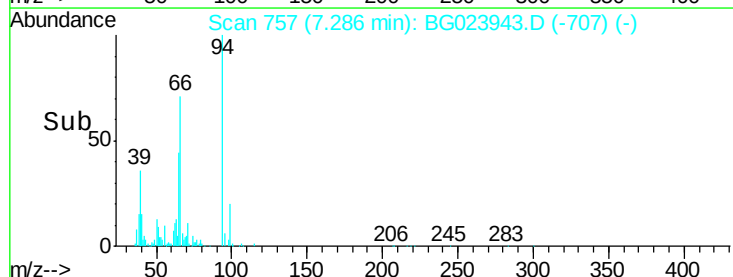
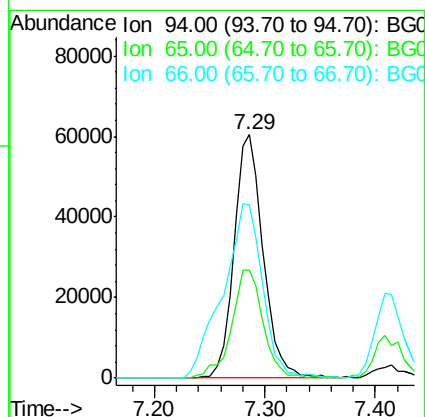
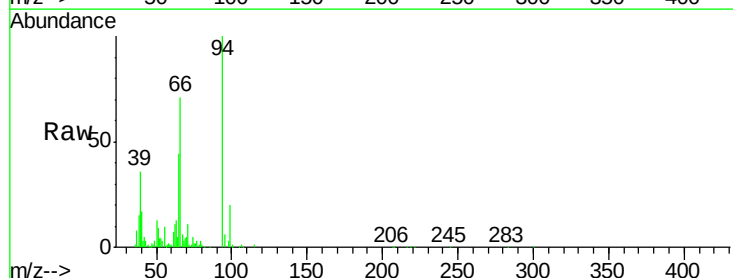
Tgt Ion: 94 Resp: 111640

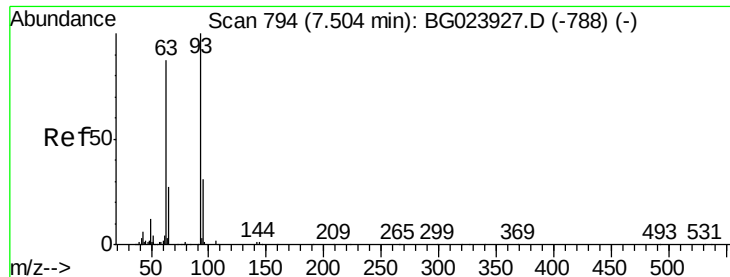
Ion Ratio Lower Upper

94 100

65 44.1 18.1 58.1

66 71.2 42.1 82.1

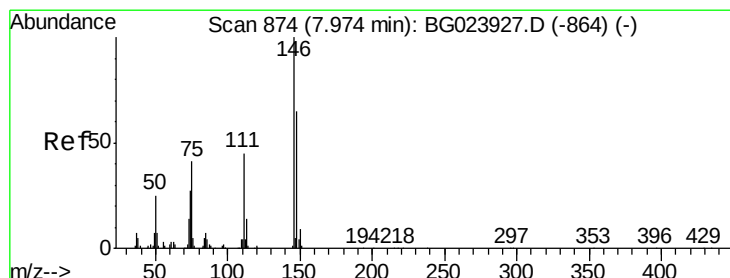
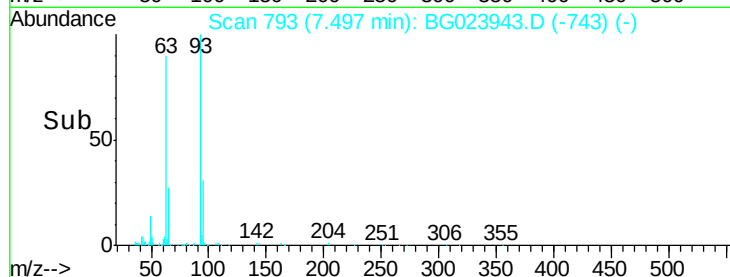
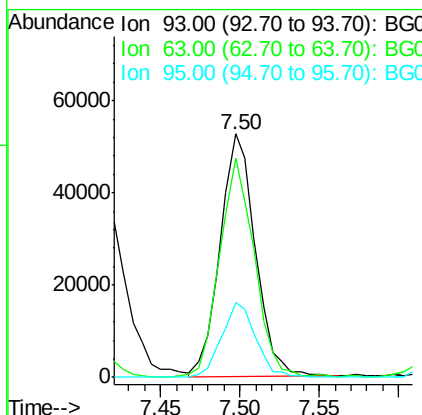
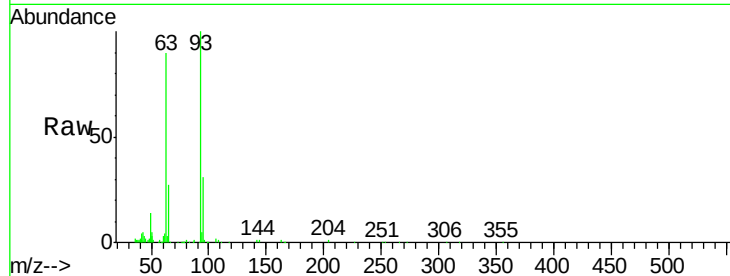




#11
bis(2-Chloroethyl)ether
Concen: 39.96 ng
RT: 7.50 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

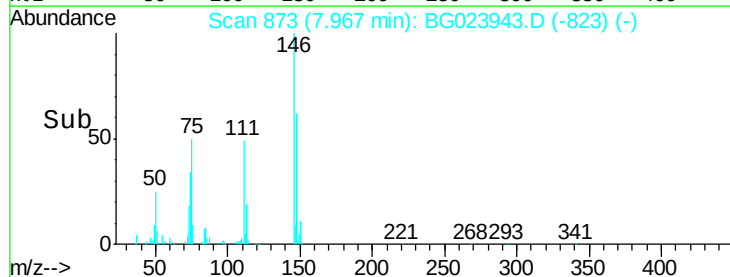
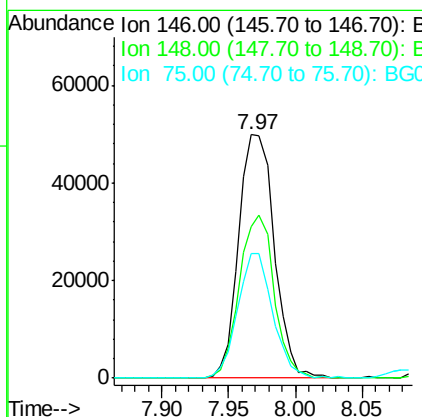
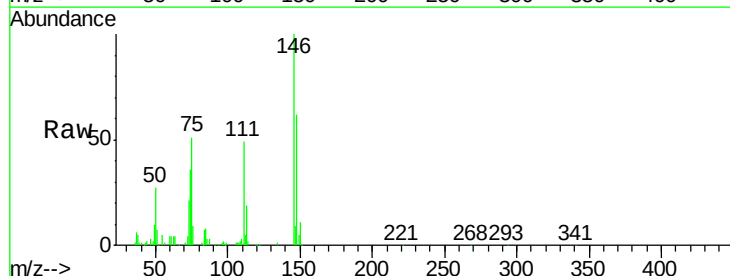
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

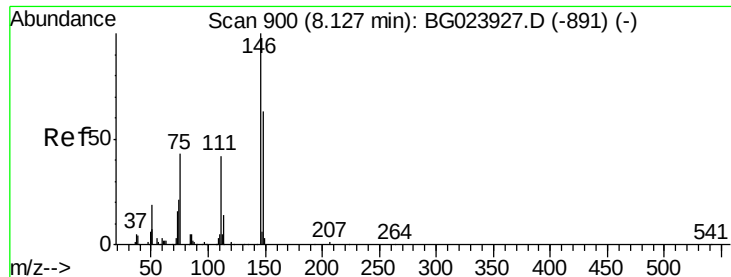
Tgt Ion	Ratio	Lower	Upper
93	100		
63	89.9	55.0	95.0
95	30.7	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 42.85 ng
RT: 7.97 min Scan# 873
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	50.3	75.5
75	51.2	37.0	55.6

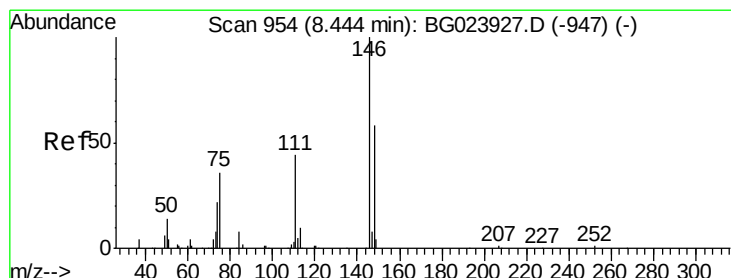
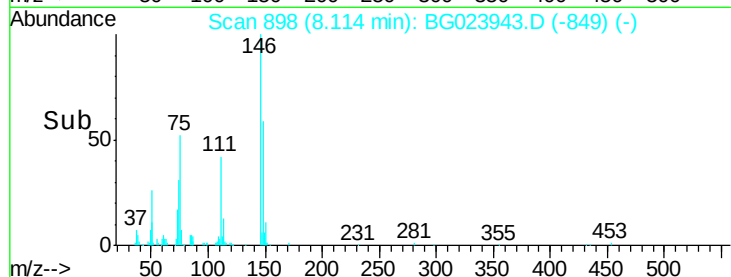
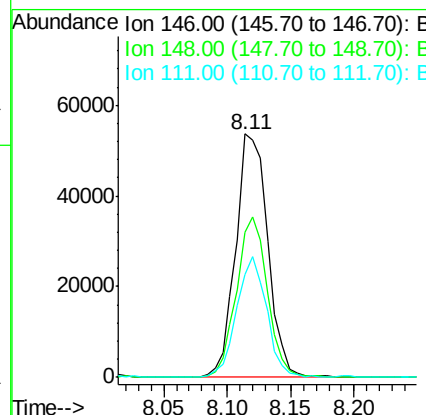
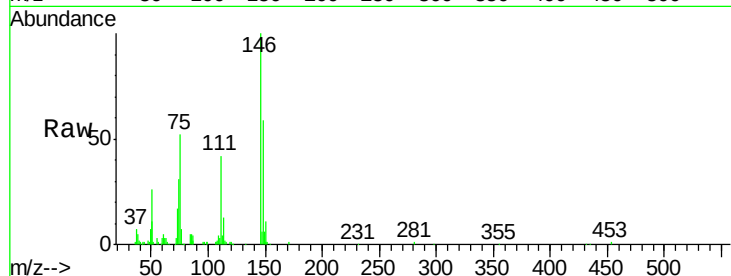




#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

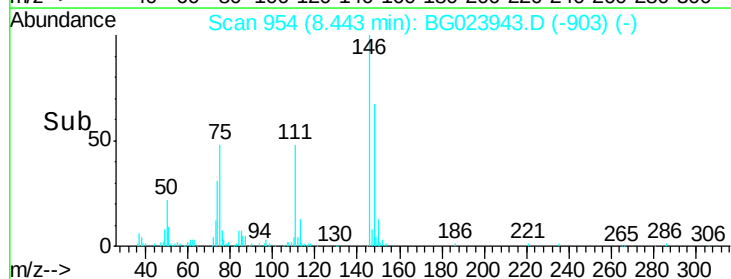
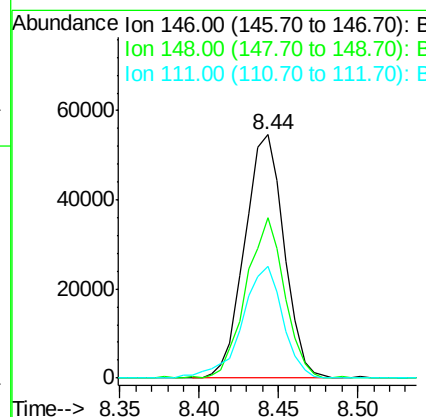
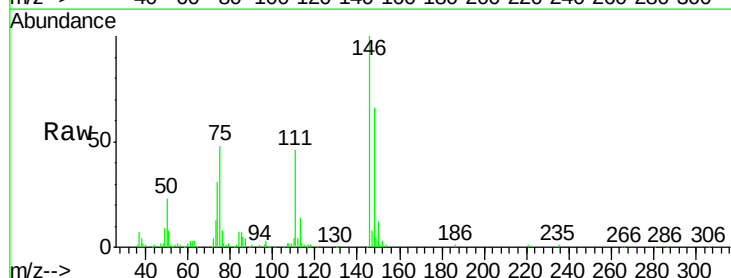
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

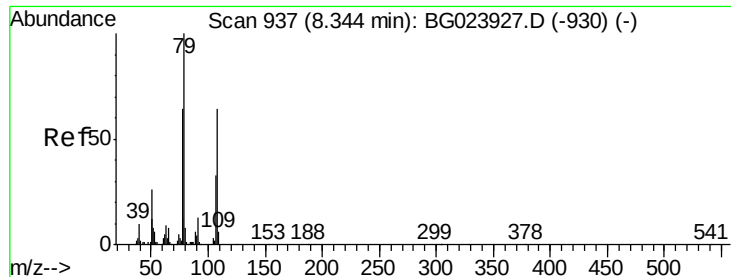
Tgt Ion:146 Resp: 93652
 Ion Ratio Lower Upper
 146 100
 148 59.3 54.5 81.7
 111 42.5 37.8 56.8



#14
 1,2-Dichlorobenzene
 Concen: 44.11 ng
 RT: 8.44 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion:146 Resp: 94150
 Ion Ratio Lower Upper
 146 100
 148 65.8 52.9 79.3
 111 45.9 43.5 65.3

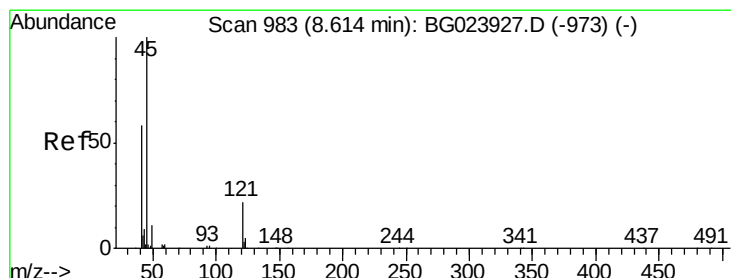
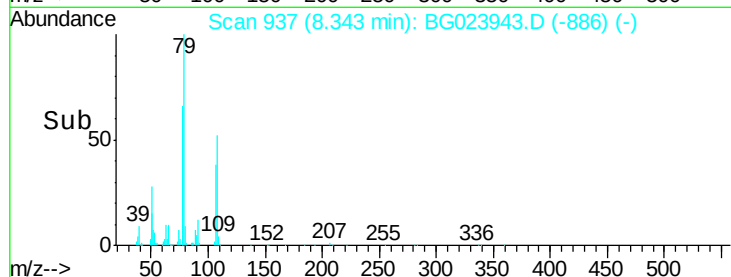
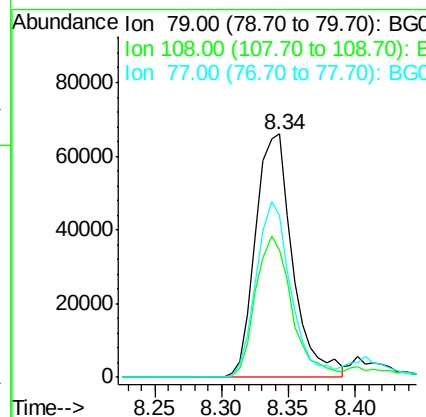
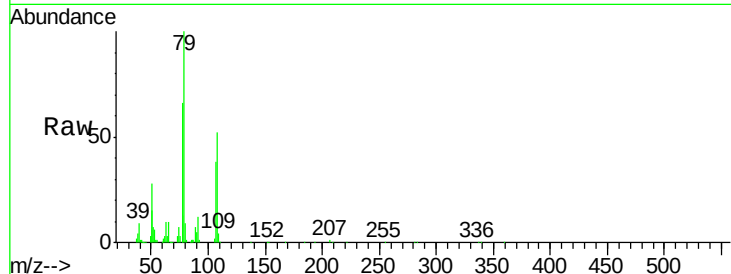




#15
Benzyl Alcohol
Concen: 59.09 ng
RT: 8.34 min Scan# 937
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

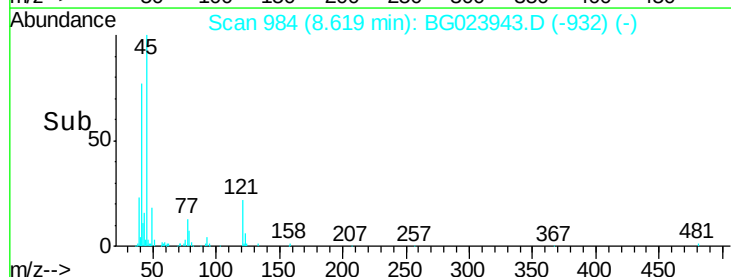
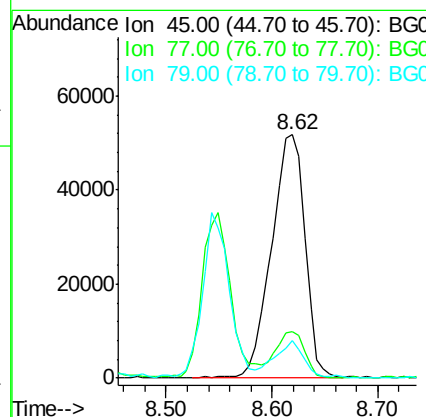
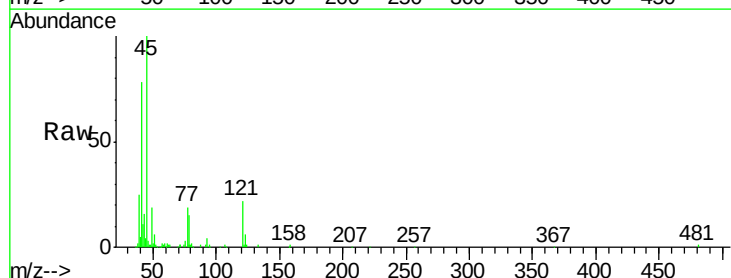
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

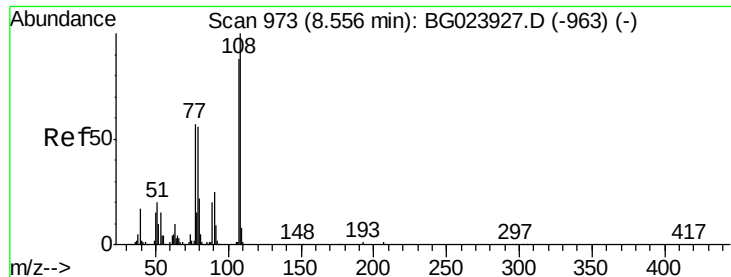
Tgt Ion: 79 Resp: 126949
Ion Ratio Lower Upper
79 100
108 52.2 46.5 69.7
77 66.5 52.3 78.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.96 ng
RT: 8.62 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion: 45 Resp: 113419
Ion Ratio Lower Upper
45 100
77 19.3 0.6 40.6
79 15.3 0.0 36.2





#17

2-Methylphenol

Concen: 50.32 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

Tgt Ion:107 Resp: 86896

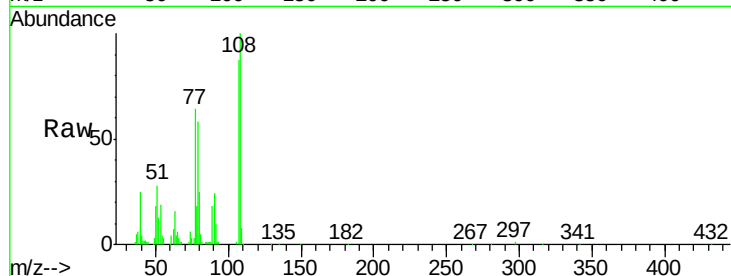
Ion Ratio Lower Upper

107 100

108 115.0 92.0 138.0

77 73.4 55.8 83.6

79 66.5 55.0 82.6



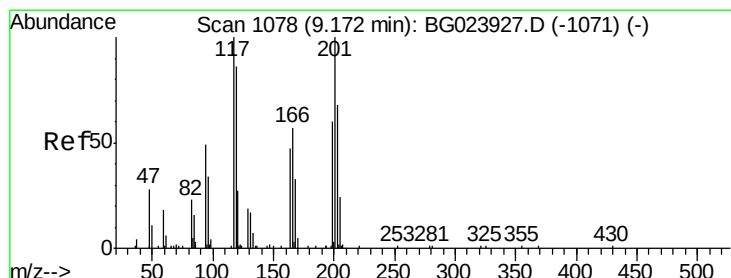
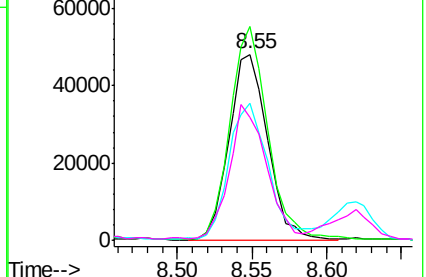
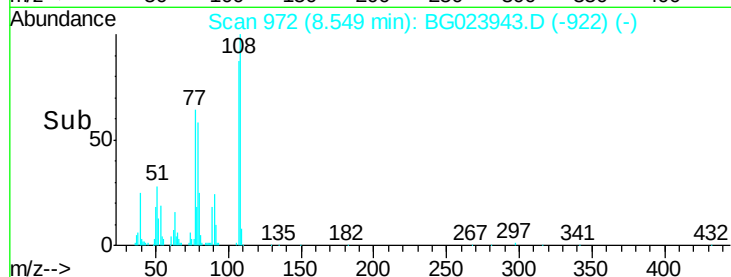
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG

Time-->



#18

Hexachloroethane

Concen: 45.31 ng

RT: 9.17 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

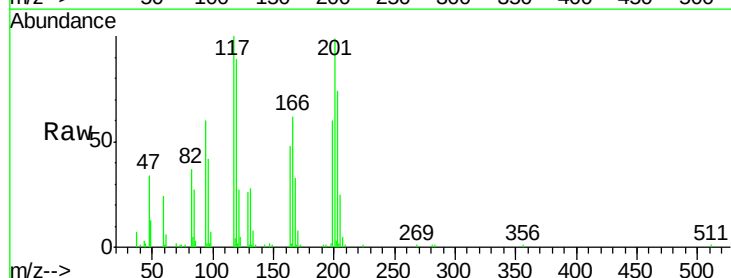
Tgt Ion:117 Resp: 39675

Ion Ratio Lower Upper

117 100

119 89.4 73.7 110.5

201 98.7 88.7 133.1

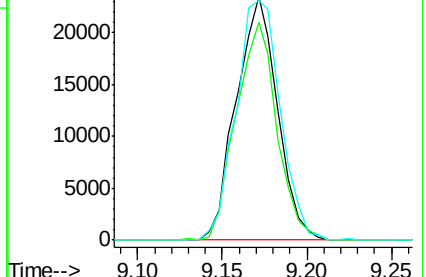
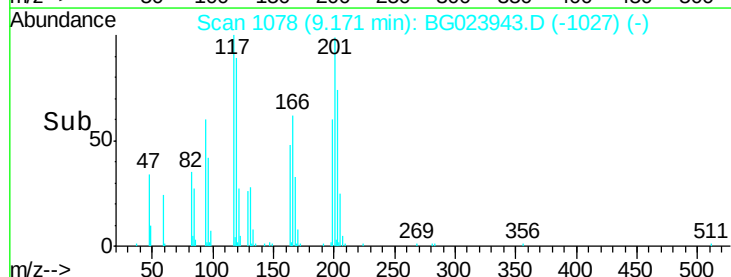


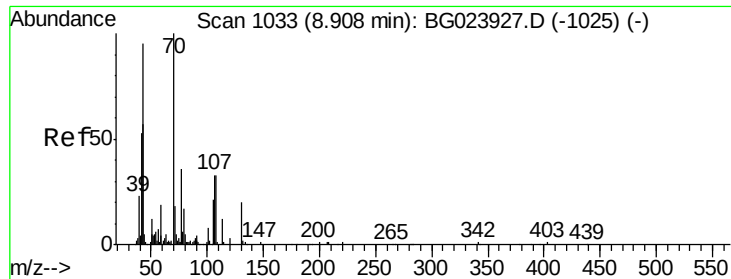
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time-->

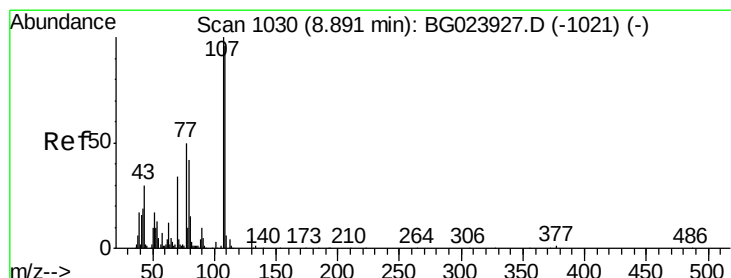
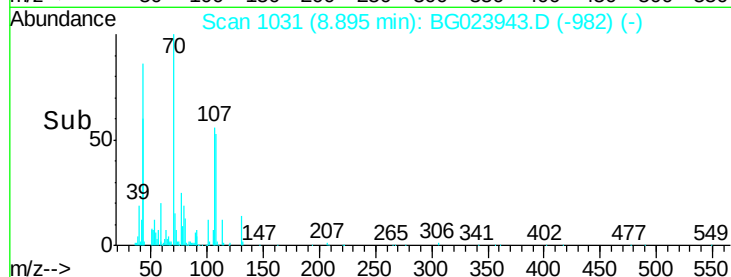
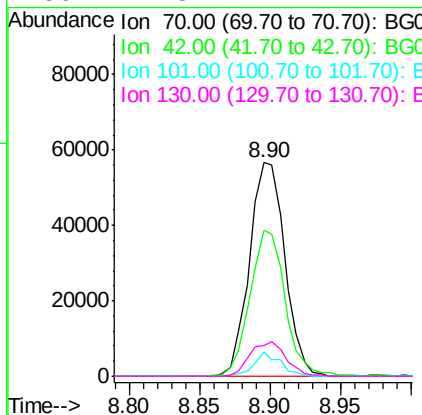
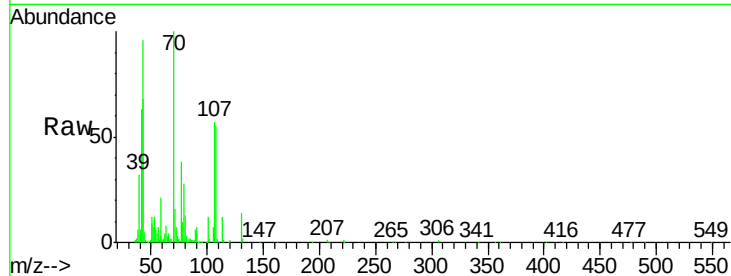




#19
n-Nitroso-di-n-propylamine
Concen: 45.94 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

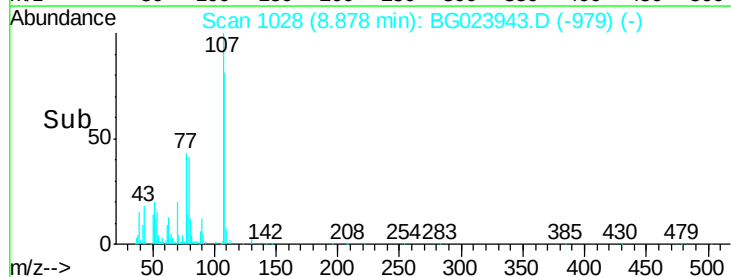
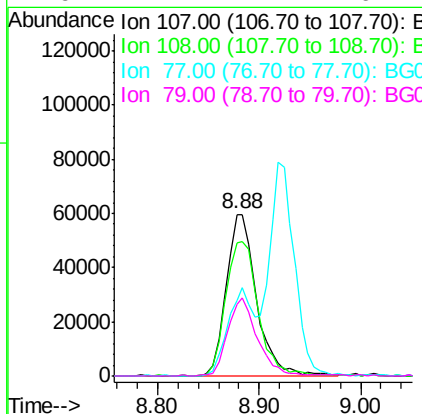
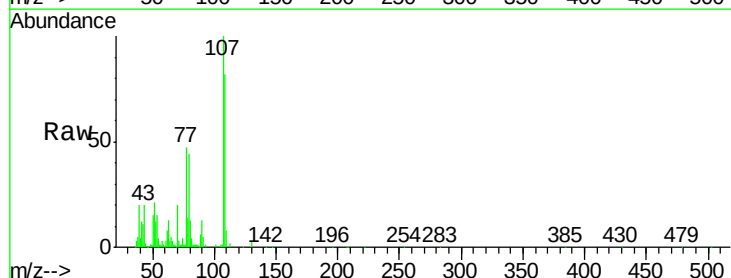
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

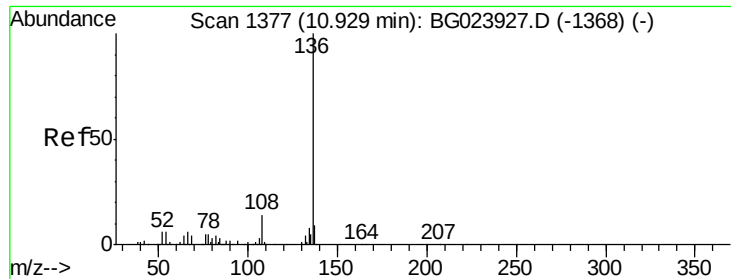
Tgt Ion:	70	Resp:	98887
Ion	Ratio	Lower	Upper
70	100		
42	68.2	42.1	63.1#
101	11.5	7.2	10.8#
130	14.3	14.2	21.2



#20
3+4-Methylphenols
Concen: 51.15 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:	107	Resp:	123098
Ion	Ratio	Lower	Upper
107	100		
108	82.2	72.5	112.5
77	46.9	30.1	70.1
79	44.4	24.2	64.2

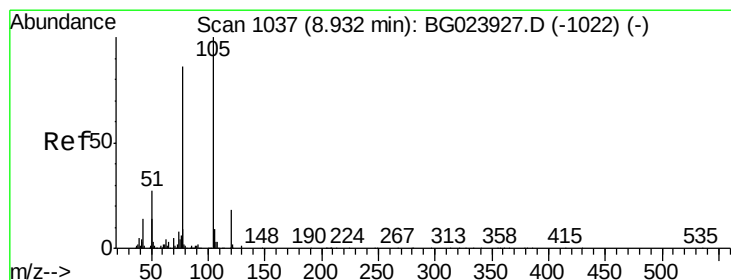
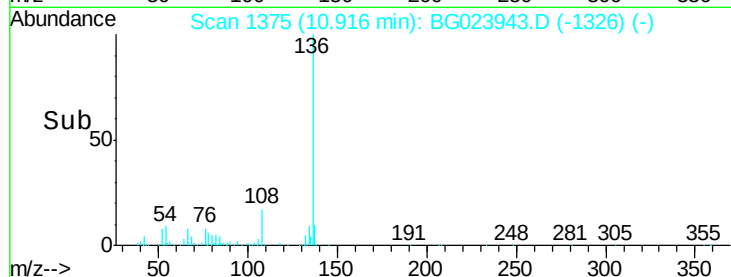
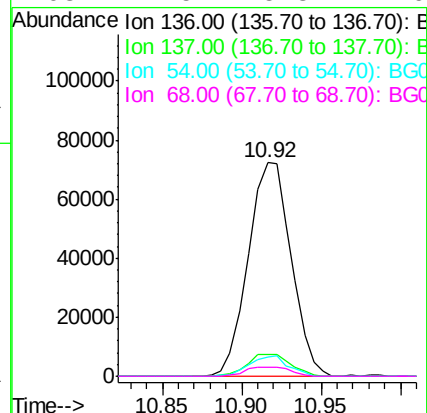
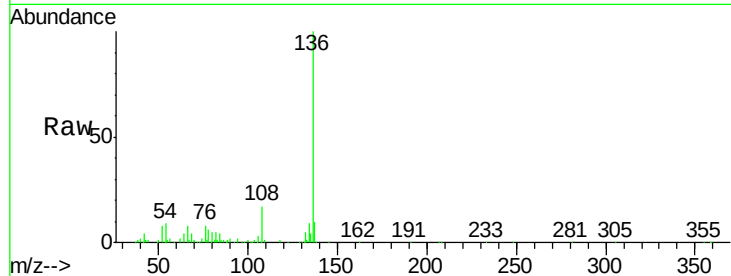




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

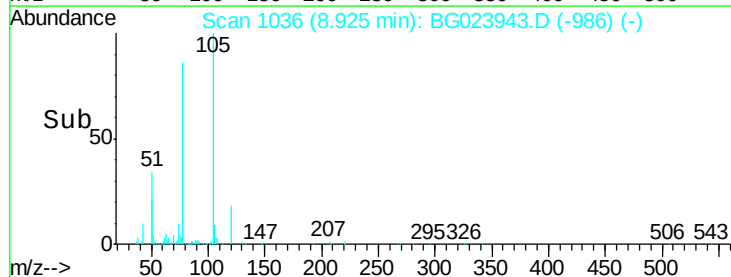
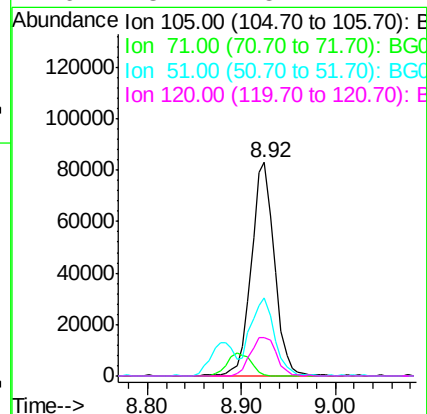
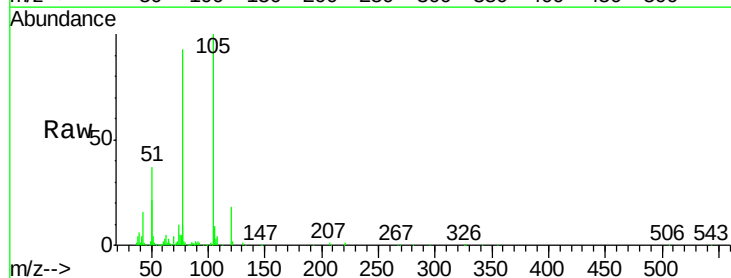
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

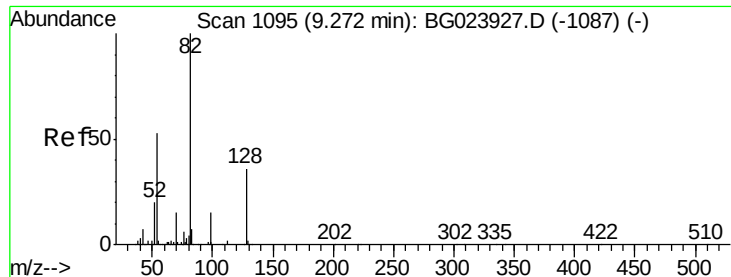
Tgt Ion:	136	Resp:	135983
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.2	7.3	10.9
68	4.5	5.3	7.9#



#22
Acetophenone
Concen: 40.09 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:	105	Resp:	141139
Ion	Ratio	Lower	Upper
105	100		
71	0.5	2.6	3.8#
51	36.5	27.1	40.7
120	18.1	15.1	22.7

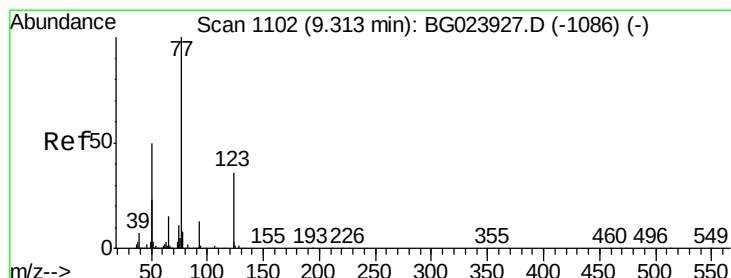
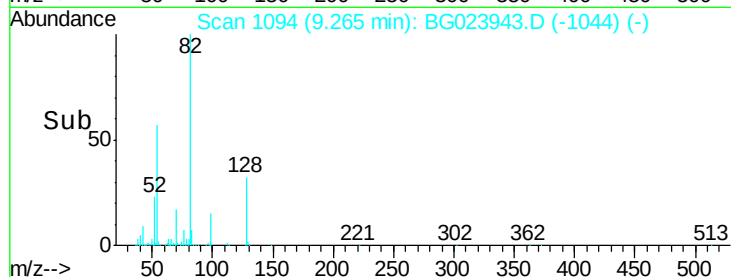
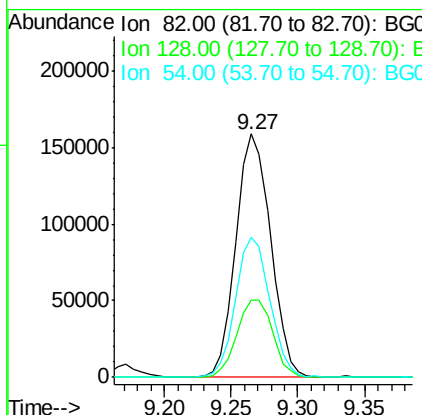
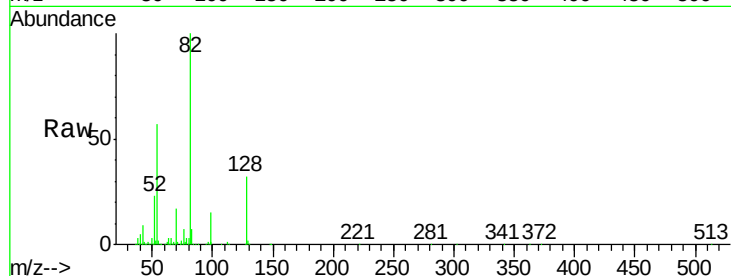




#23
 Nitrobenzene-d5
 Concen: 94.27 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

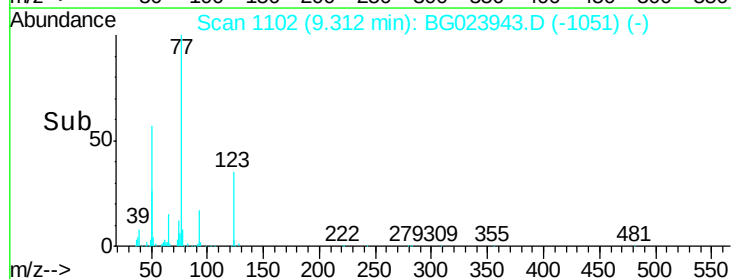
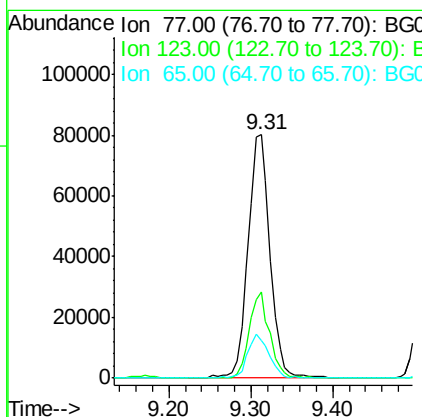
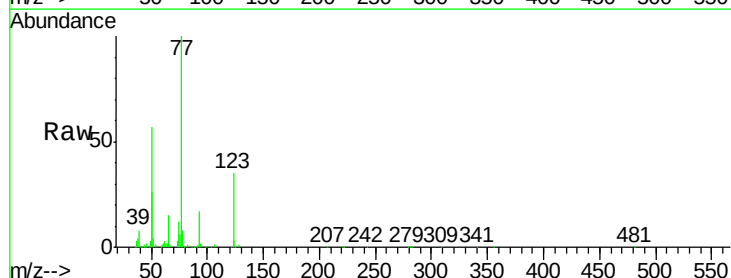
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

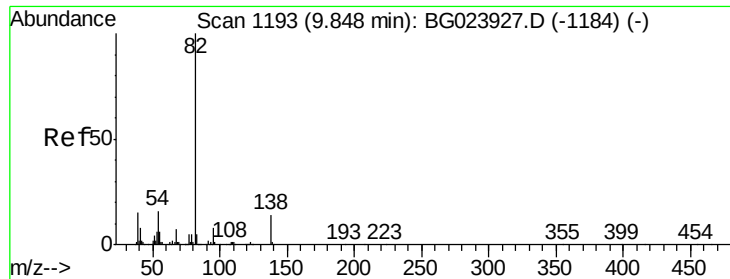
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	57.3	41.4	62.0



#24
 Nitrobenzene
 Concen: 45.75 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.1	25.0	37.6
65	15.3	13.4	20.0





#25

Isophorone

Concen: 47.73 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

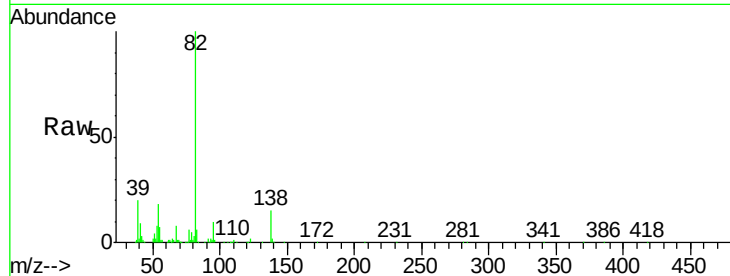
Tgt Ion: 82 Resp: 281918

Ion Ratio Lower Upper

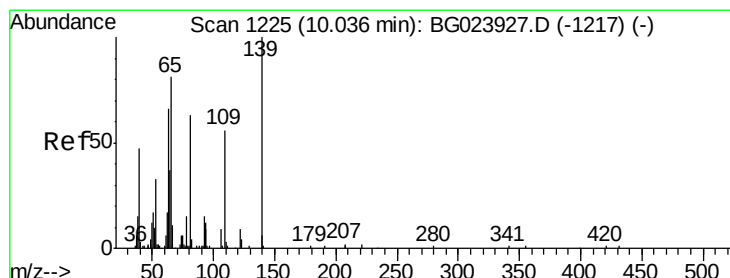
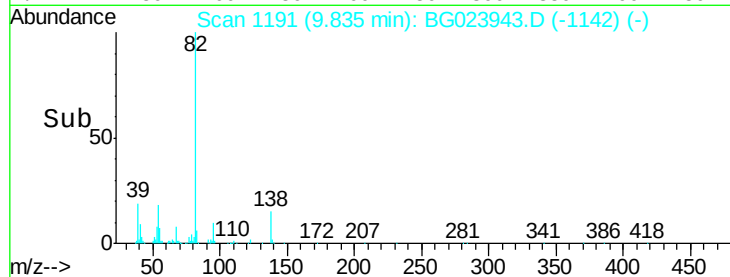
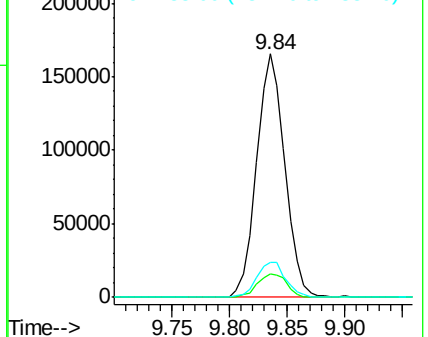
82 100

95 9.9 8.2 12.2

138 14.6 10.7 16.1



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



#26

2-Nitrophenol

Concen: 50.38 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

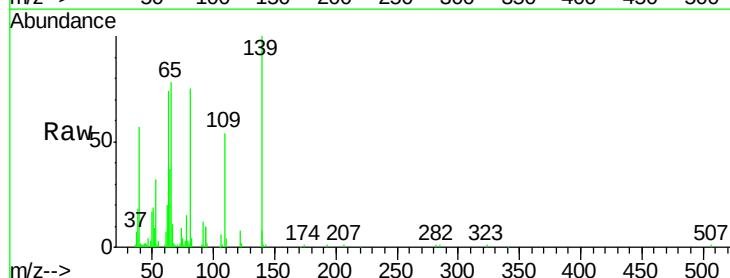
Tgt Ion: 139 Resp: 62739

Ion Ratio Lower Upper

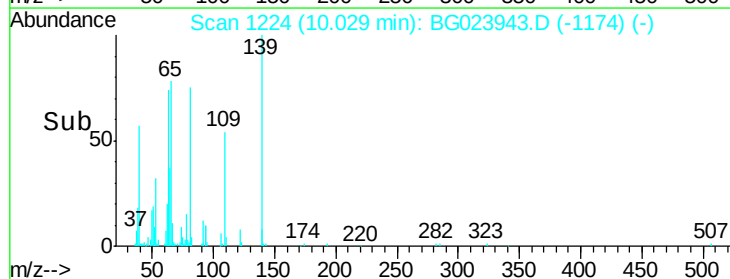
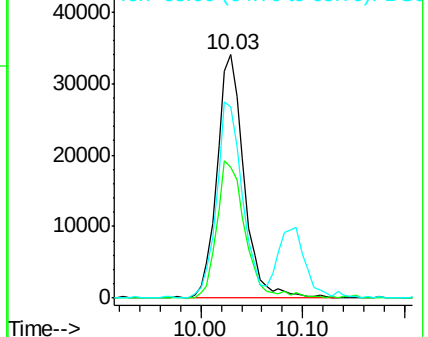
139 100

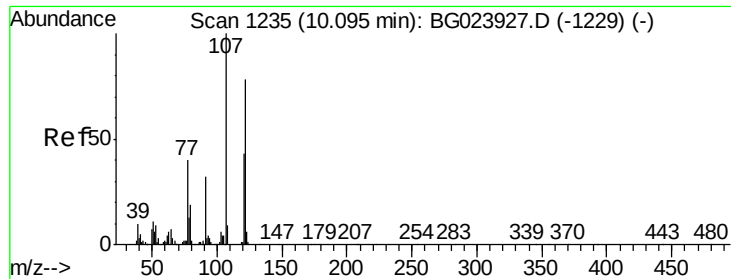
109 53.9 43.5 65.3

65 78.3 64.3 96.5



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

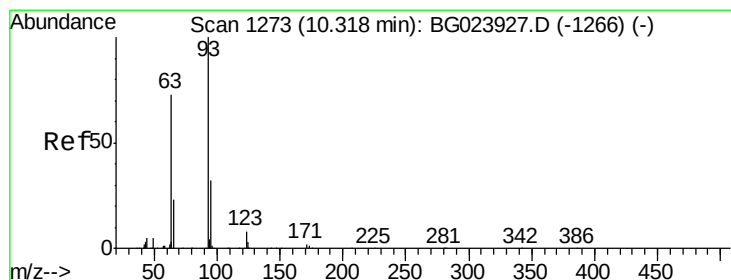
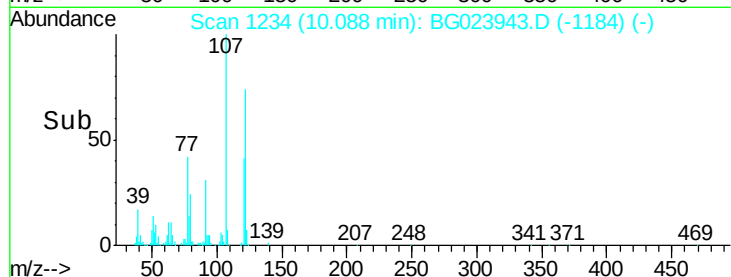
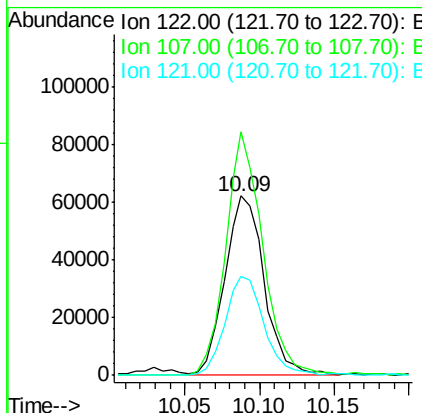
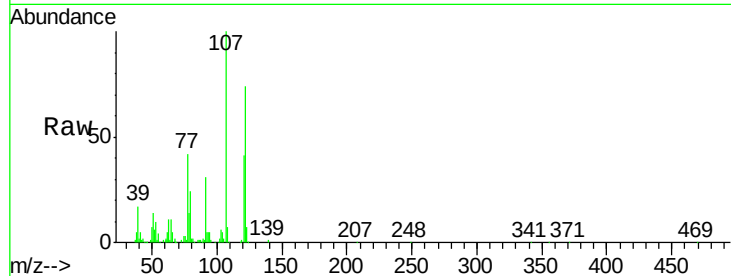




#27
 2,4-Dimethylphenol
 Concen: 53.80 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

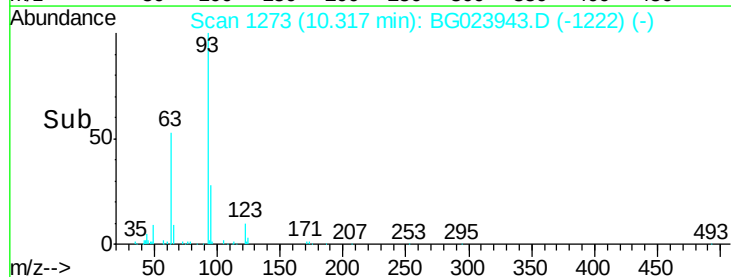
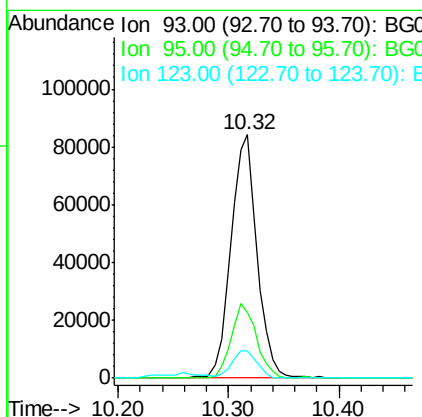
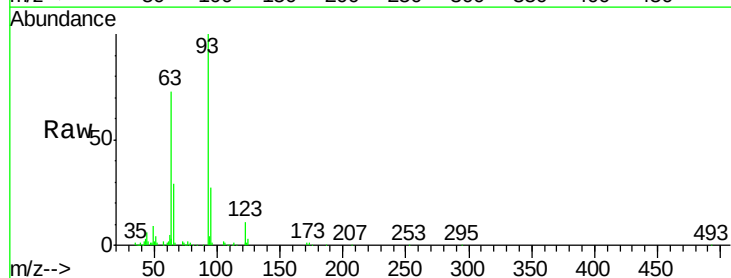
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

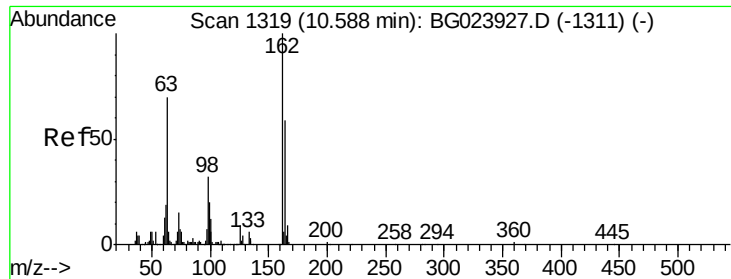
Tgt Ion:122 Resp: 113841
 Ion Ratio Lower Upper
 122 100
 107 135.8 117.0 175.4
 121 55.1 50.1 75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.72 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion: 93 Resp: 139346
 Ion Ratio Lower Upper
 93 100
 95 27.0 25.4 38.2
 123 11.0 8.2 12.2

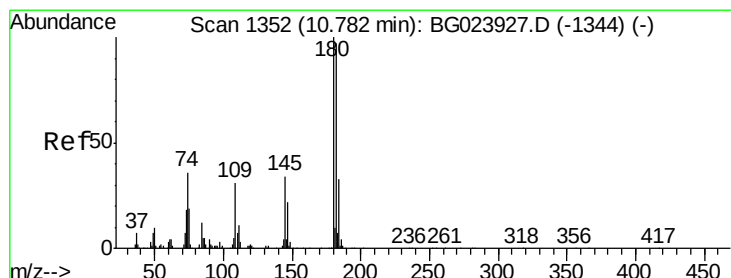
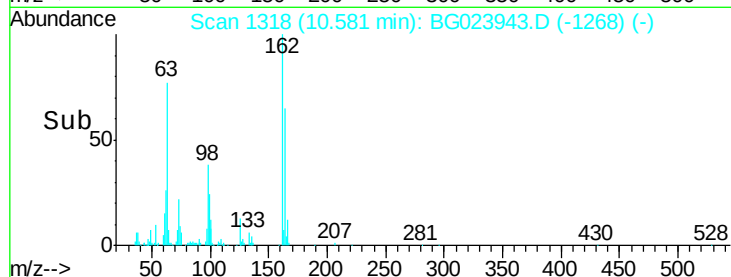
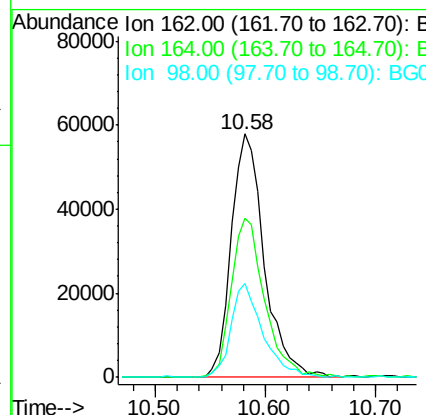
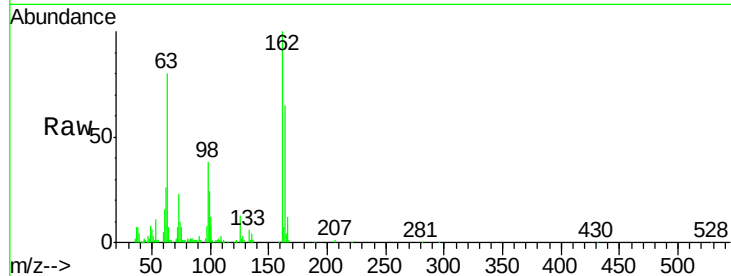




#29
 2,4-Dichlorophenol
 Concen: 54.16 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

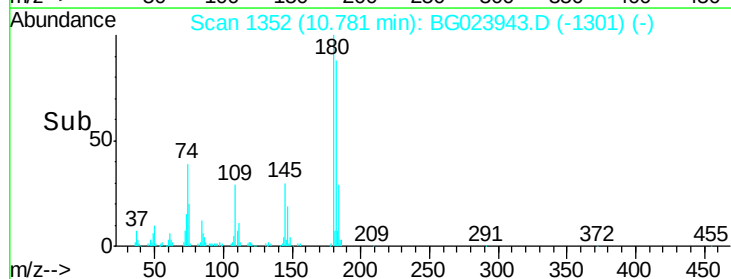
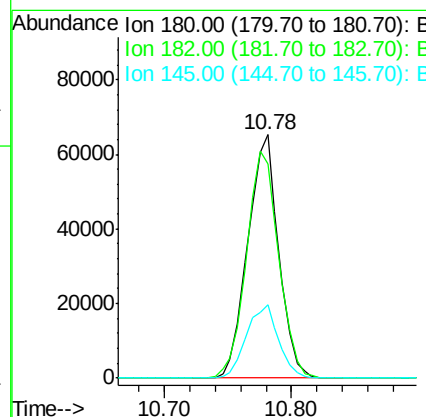
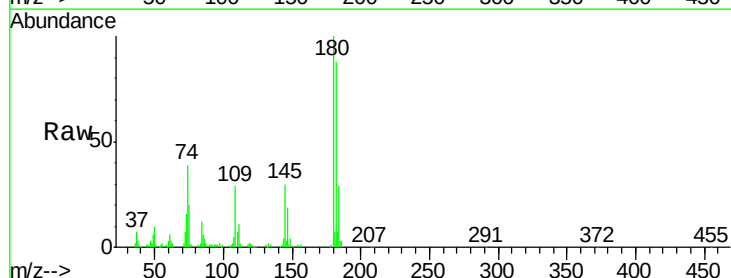
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

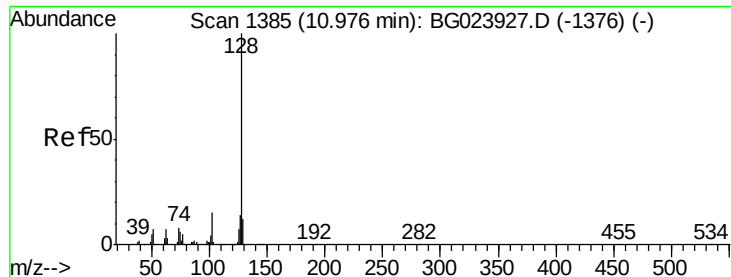
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	44.3	84.3
98	38.4	19.5	59.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.83 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.7	73.8	110.8
145	30.2	24.4	36.6

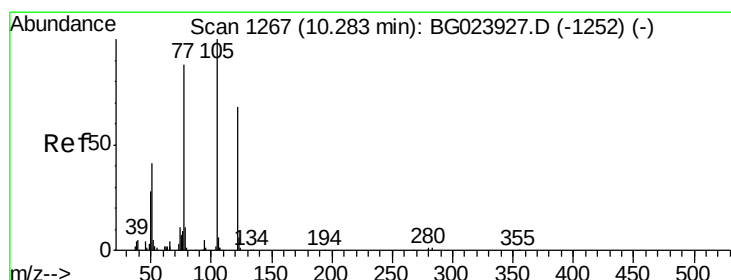
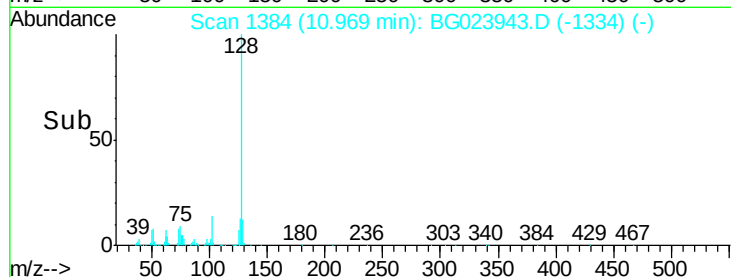
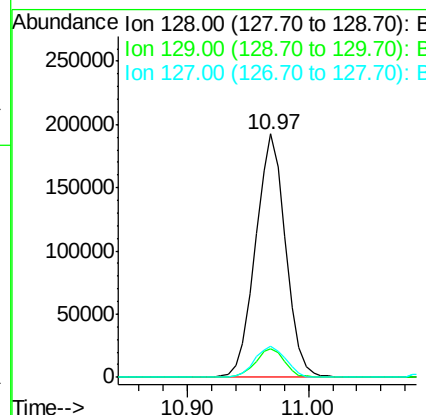
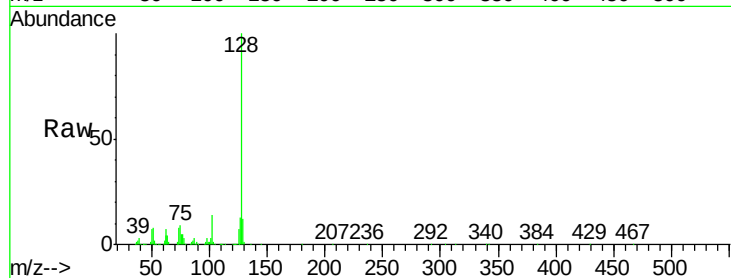




#31
Naphthalene
Concen: 47.69 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

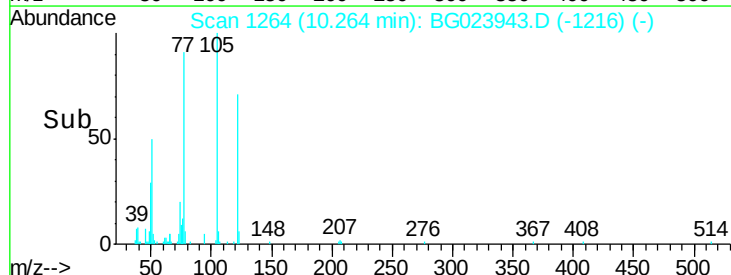
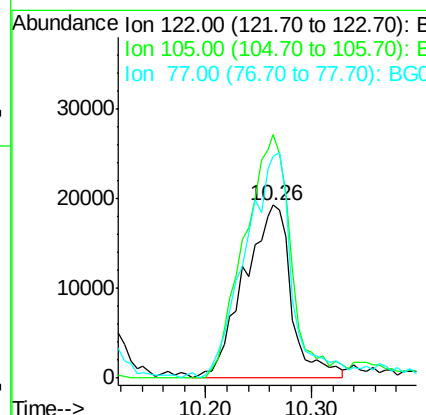
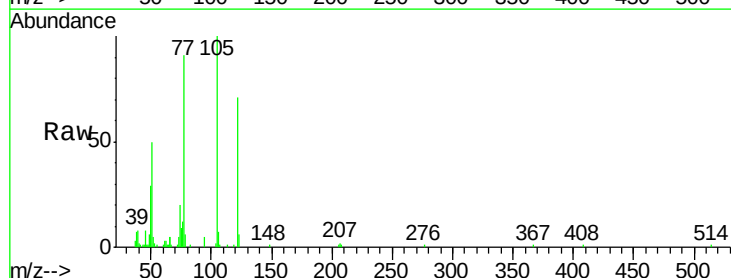
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

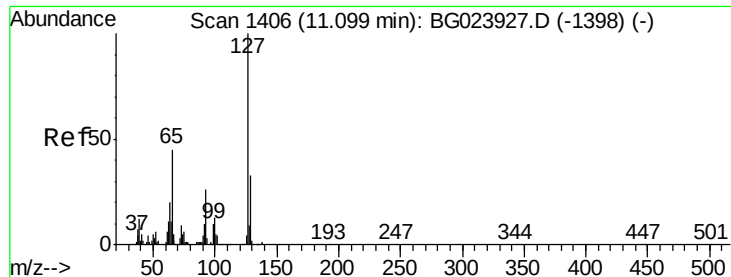
Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	12.6	11.3	16.9



#32
Benzoic acid
Concen: 34.77 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	140.8	117.2	157.2
77	127.9	109.2	149.2

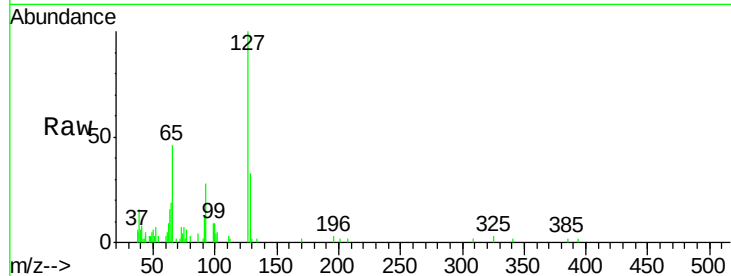




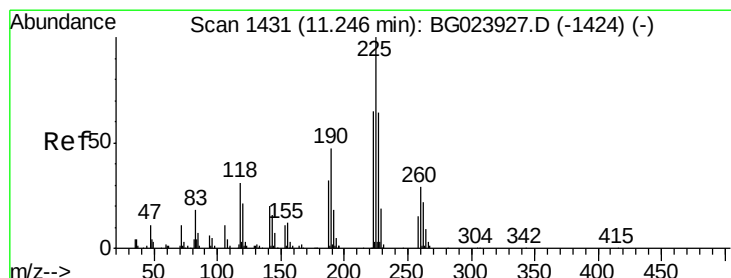
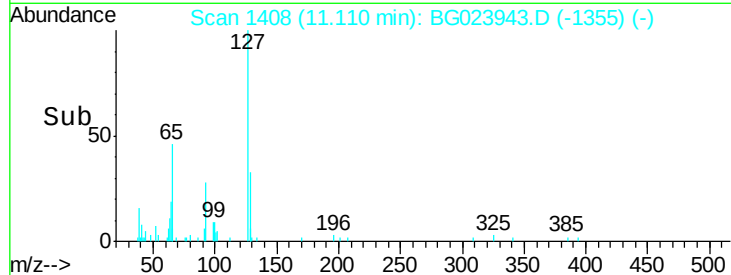
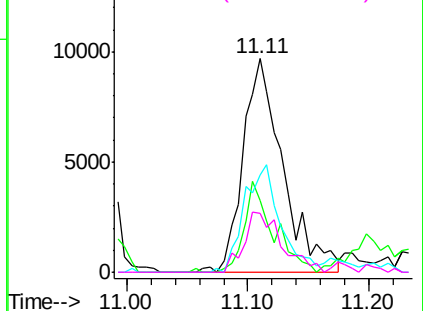
#33
4-Chloroaniline
Concen: 7.62 ng
RT: 11.11 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

Tgt Ion:	127	Resp:	22291
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.9	41.9
65	45.8	36.8	55.2
92	27.6	21.0	31.6

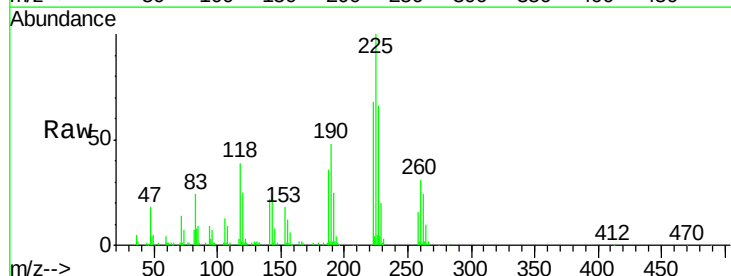


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

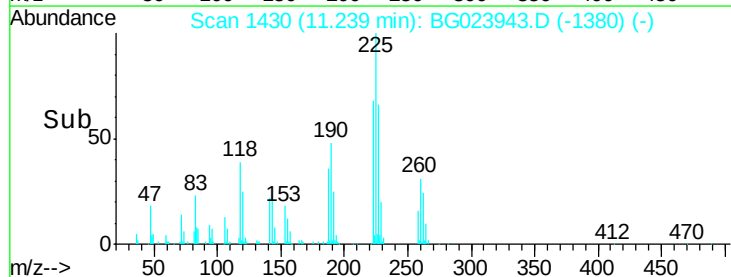
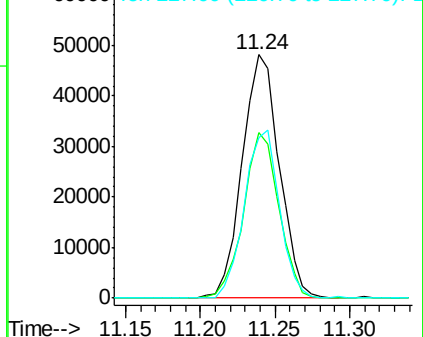


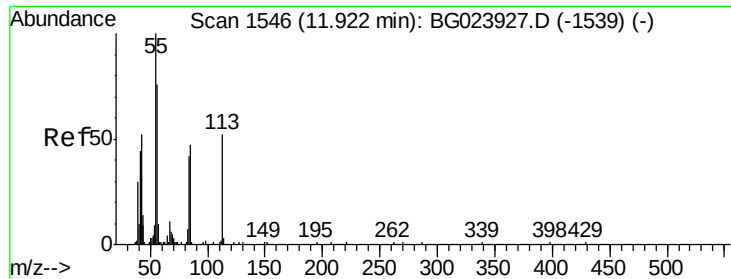
#34
Hexachlorobutadiene
Concen: 44.72 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:	225	Resp:	82596
Ion	Ratio	Lower	Upper
225	100		
223	67.8	49.6	74.4
227	65.9	54.5	81.7



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: 45.47 ng m

RT: 11.91 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

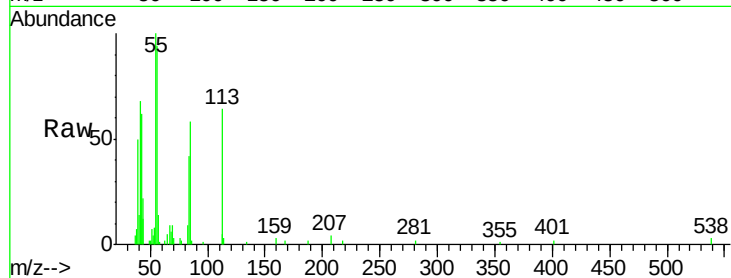
Tgt Ion:113 Resp: 35928

Ion Ratio Lower Upper

113 100

55 156.2 154.5 194.5

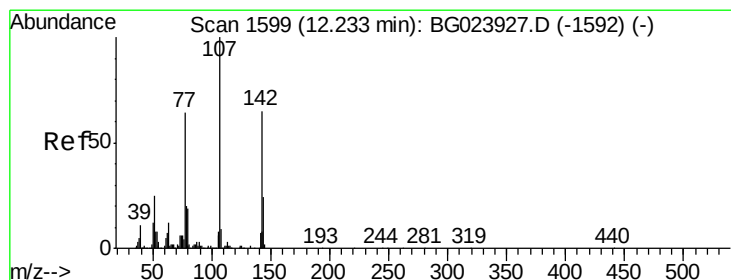
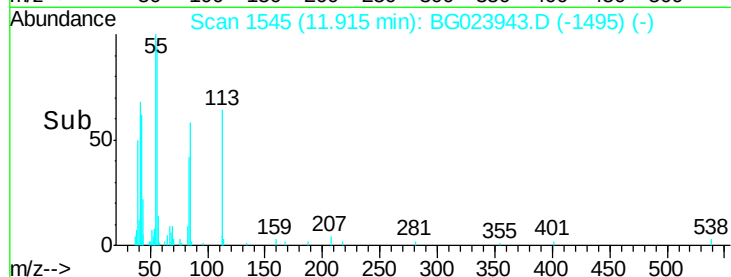
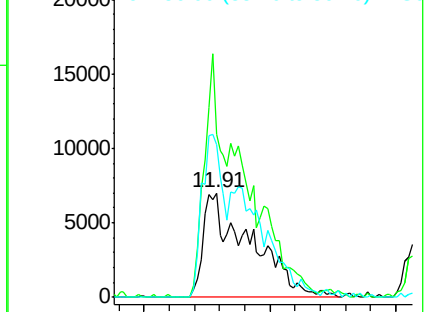
56 146.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 53.55 ng

RT: 12.23 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

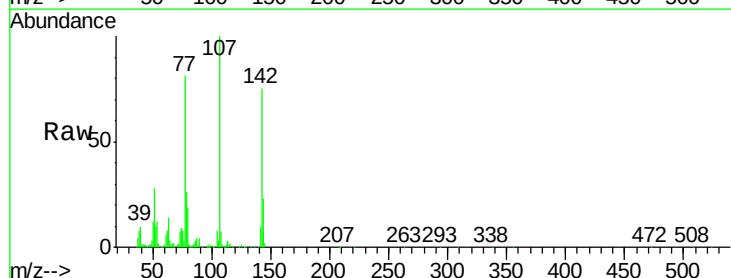
Tgt Ion:107 Resp: 160445

Ion Ratio Lower Upper

107 100

144 22.7 17.0 25.6

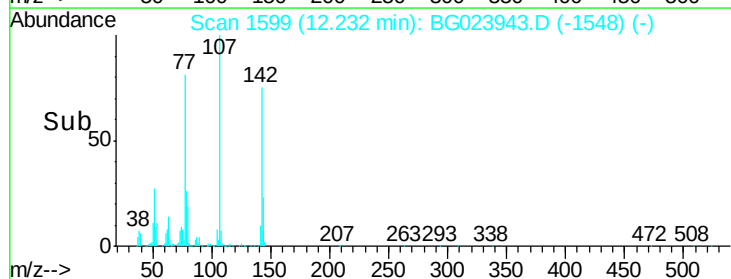
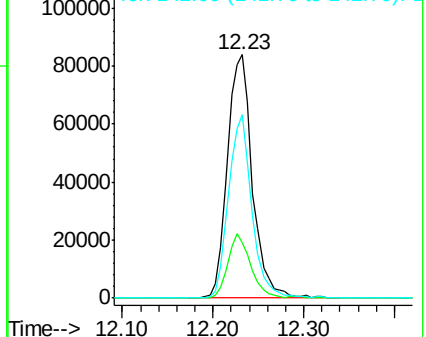
142 75.4 53.0 79.6

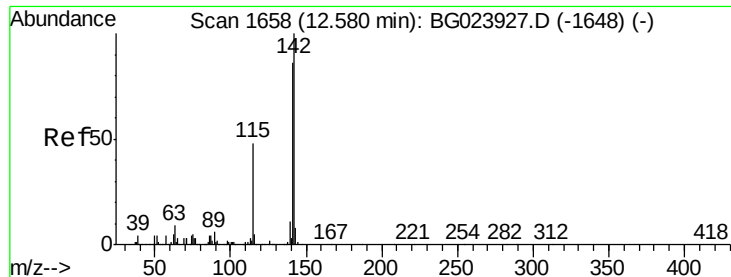


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

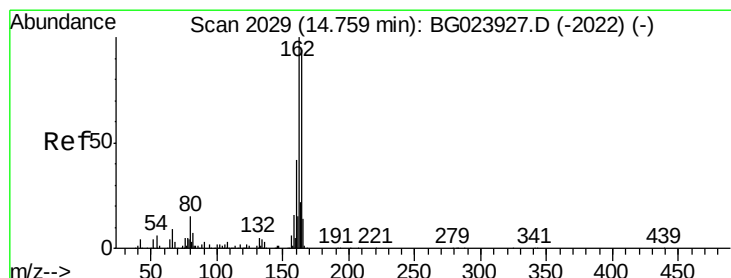
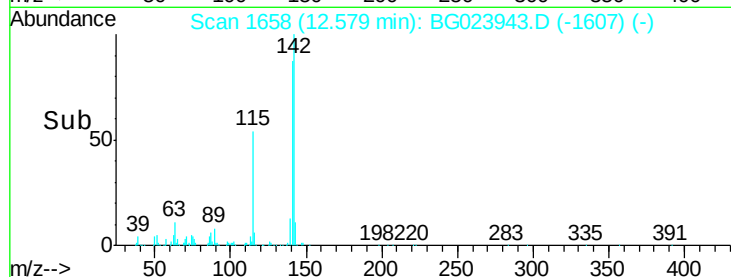
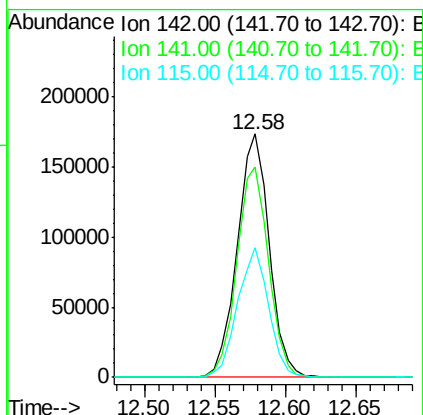
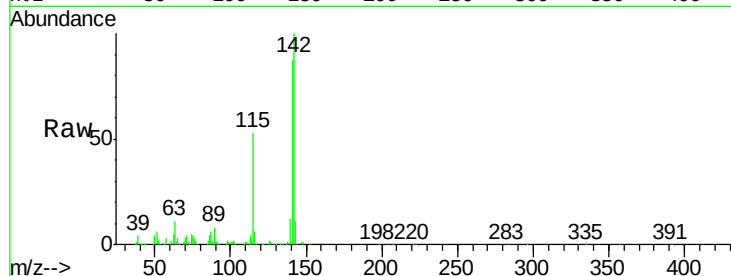




#37
 2-Methylnaphthalene
 Concen: 51.42 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

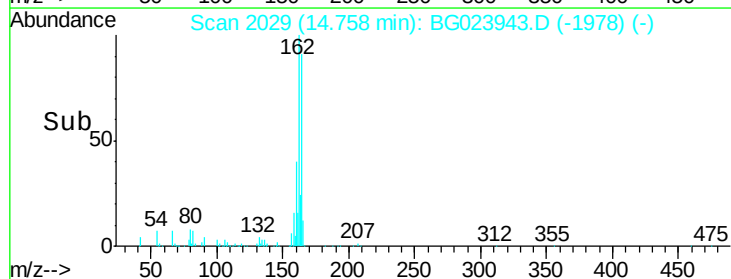
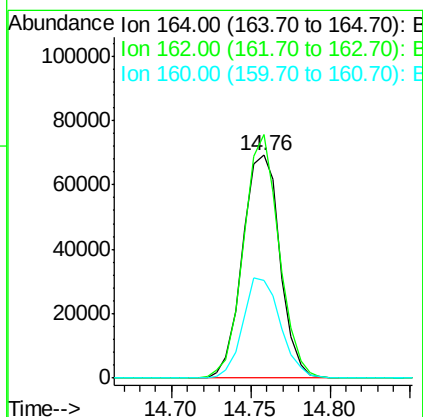
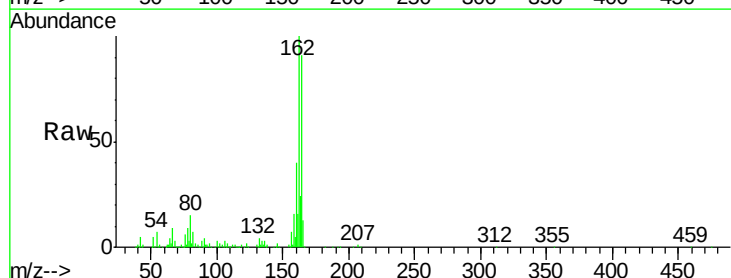
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

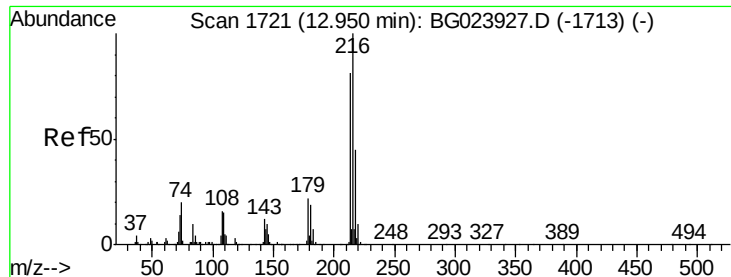
Tgt Ion:142 Resp: 274098
 Ion Ratio Lower Upper
 142 100
 141 86.6 70.2 105.2
 115 53.3 41.7 62.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion:164 Resp: 113622
 Ion Ratio Lower Upper
 164 100
 162 109.4 87.7 131.5
 160 44.0 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.37 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

Tgt Ion:216 Resp: 144709

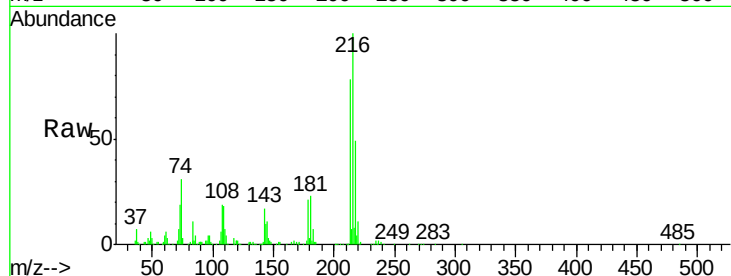
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 21.2 17.2 25.8

108 23.7 16.3 24.5

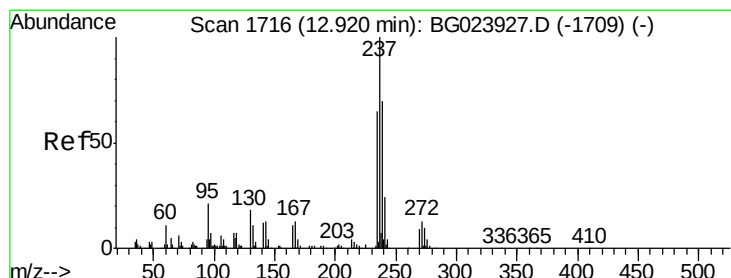
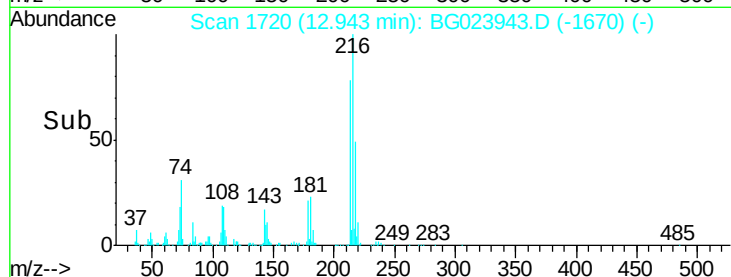
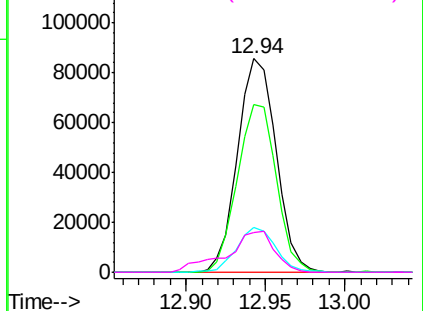


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.59 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

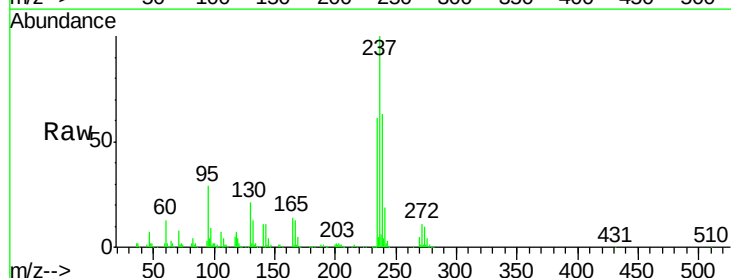
Tgt Ion:237 Resp: 173289

Ion Ratio Lower Upper

237 100

235 60.9 43.1 83.1

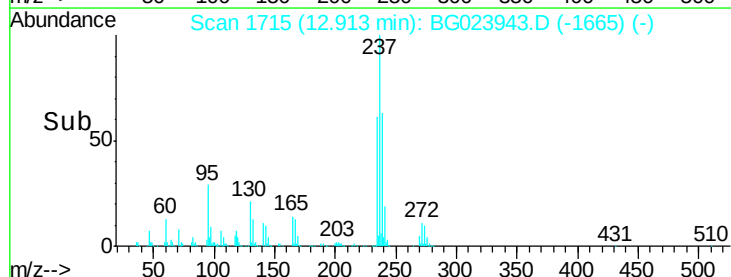
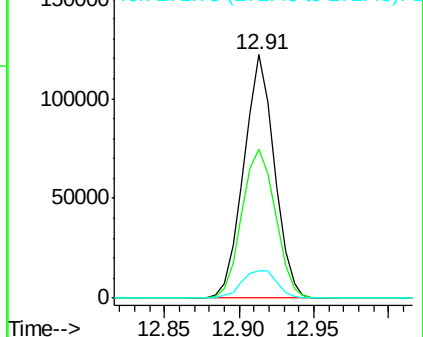
272 11.2 0.0 30.9

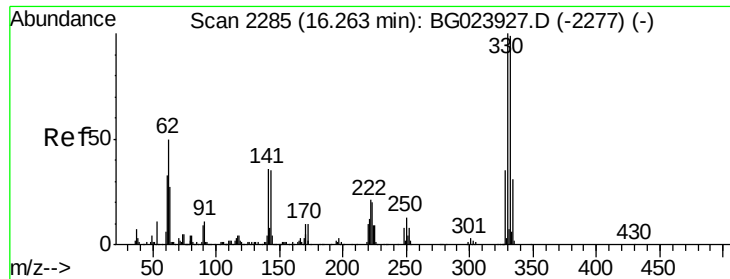


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

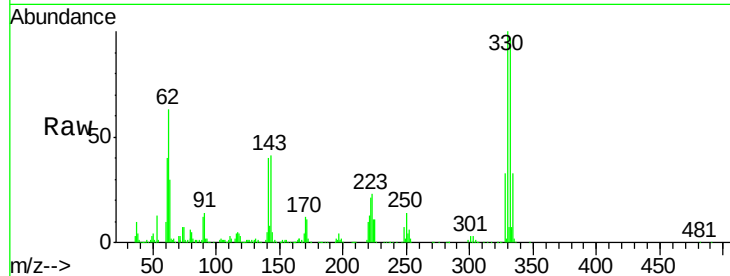




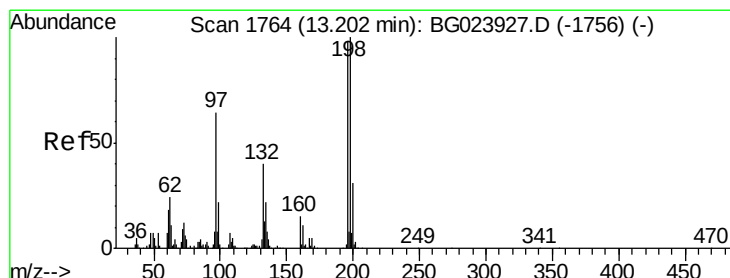
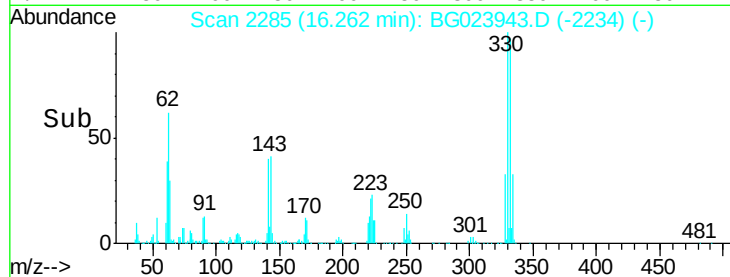
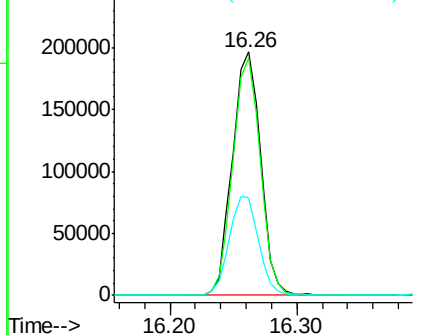
#41
 2,4,6-Tribromophenol
 Concen: 147.71 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.4	116.2
141	42.1	31.7	47.5

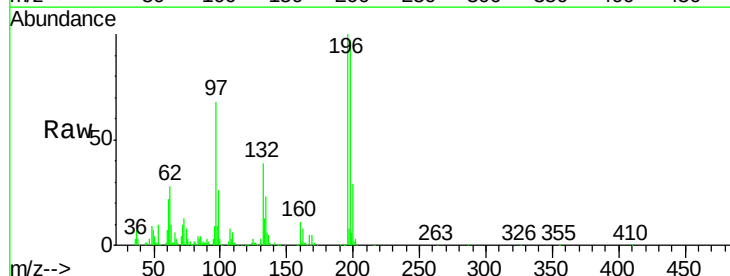


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

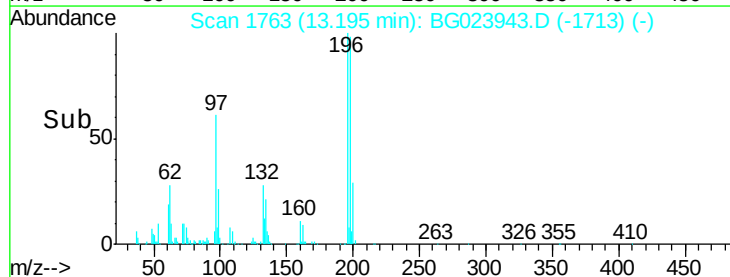
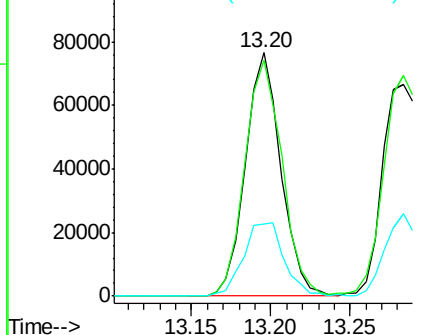


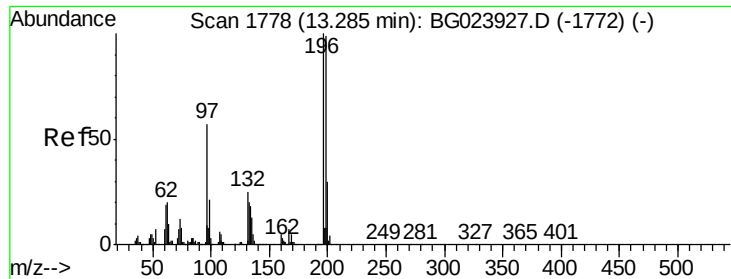
#42
 2,4,6-Trichlorophenol
 Concen: 47.24 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.2	117.2
200	29.4	27.0	40.4



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

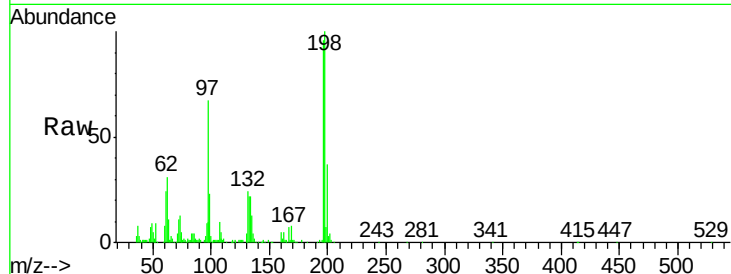




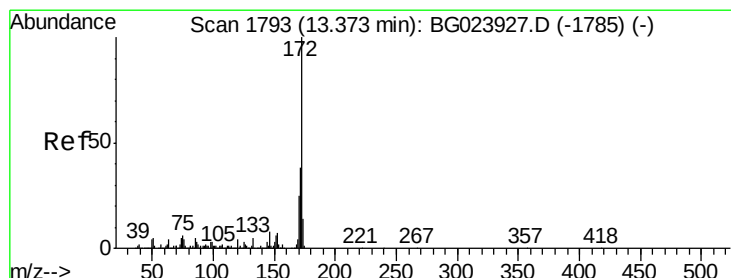
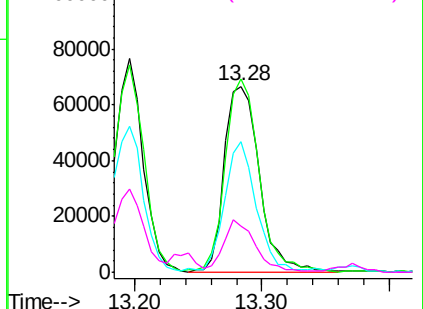
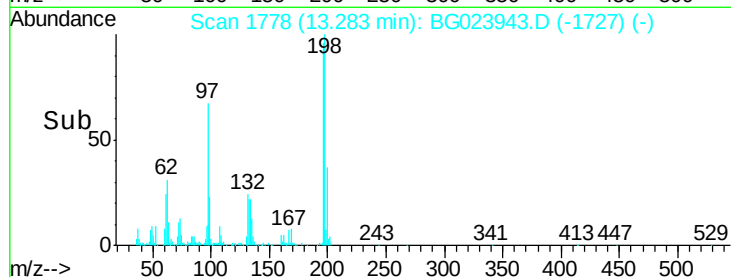
#43
 2,4,5-Trichlorophenol
 Concen: 50.36 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

Tgt Ion	Resp	Lower	Upper
196	128117		
198	104.1	85.7	128.5
97	70.1	45.5	68.3
132	25.0	18.9	28.3

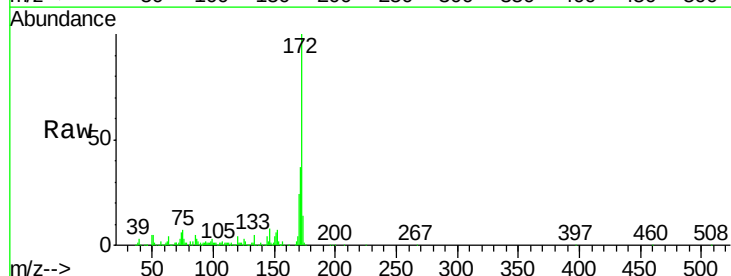


Abundance Ion 196.00 (195.70 to 196.70): E
 120000
 Ion 198.00 (197.70 to 198.70): E
 100000
 Ion 97.00 (96.70 to 97.70): BGC
 80000
 Ion 132.00 (131.70 to 132.70): E

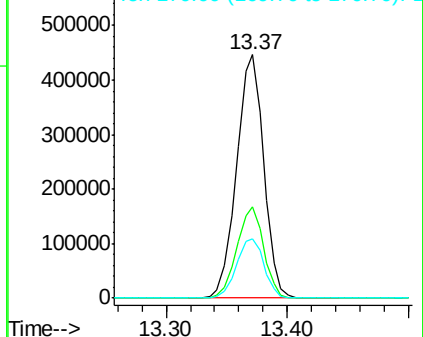
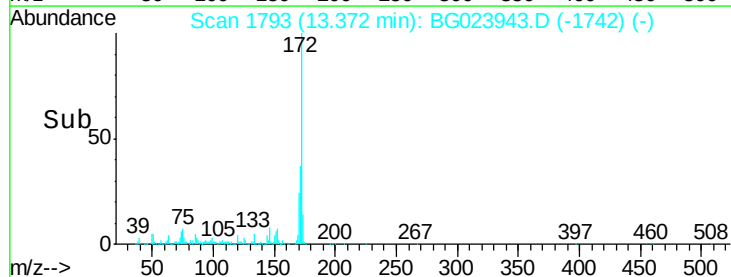


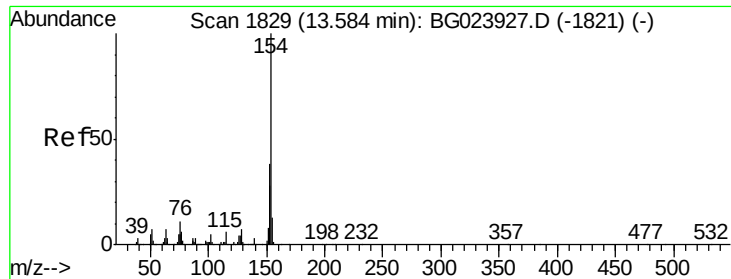
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Resp	Lower	Upper
172	697916		
171	37.5	31.6	47.4
170	24.4	21.3	31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 600000
 Ion 171.00 (170.70 to 171.70): E
 500000
 Ion 170.00 (169.70 to 170.70): E

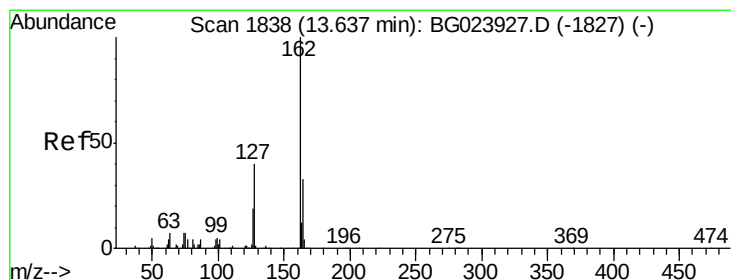
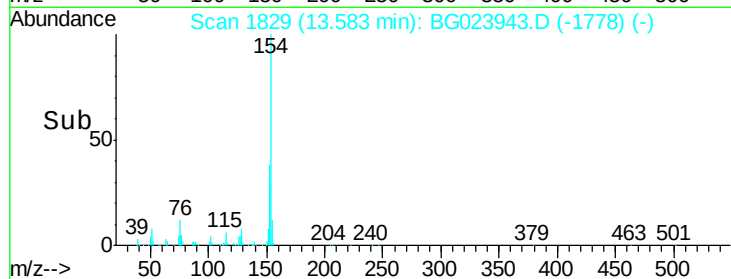
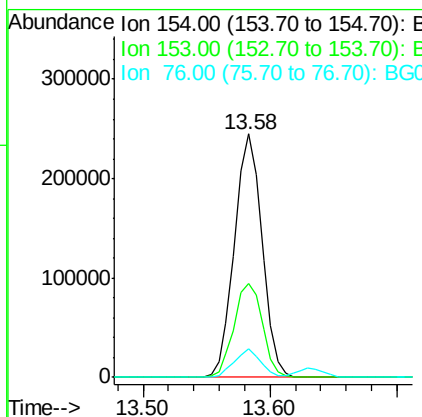
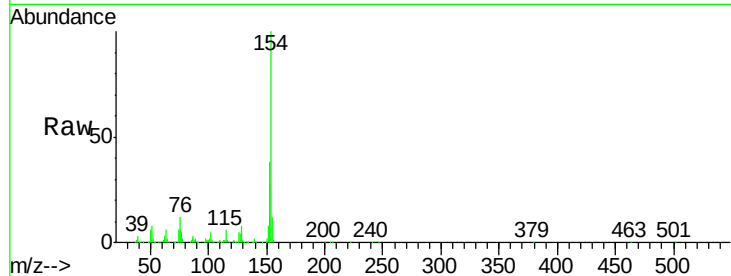




#45
 1,1'-Biphenyl
 Concen: 40.30 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

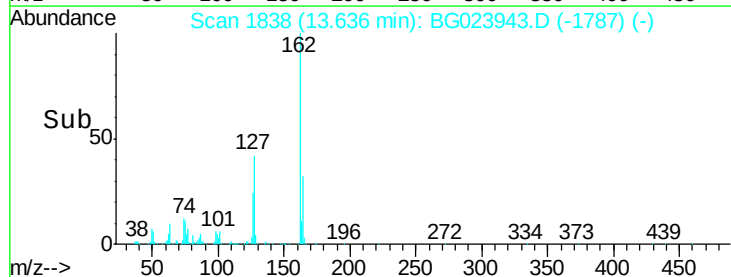
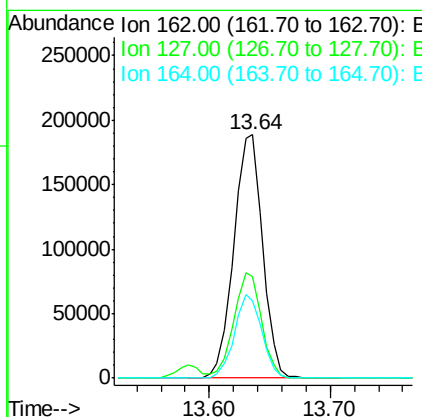
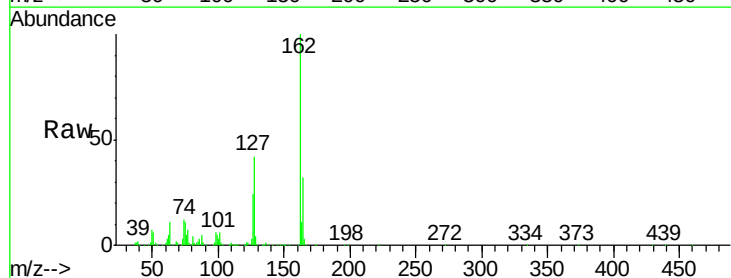
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

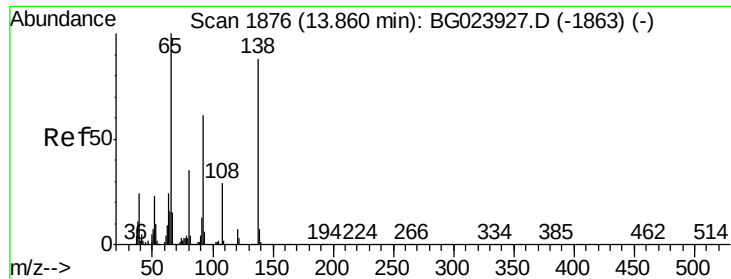
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.2	60.2
76	11.9	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 46.56 ng
 RT: 13.64 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	32.4	48.6
164	31.7	25.2	37.8

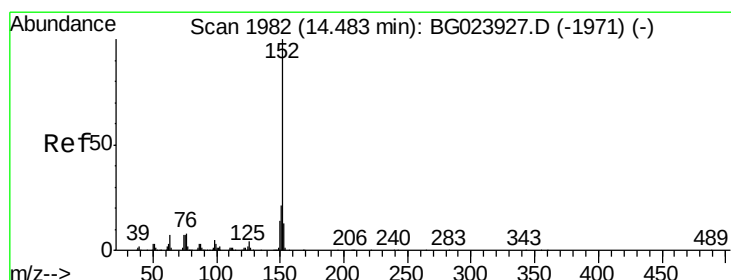
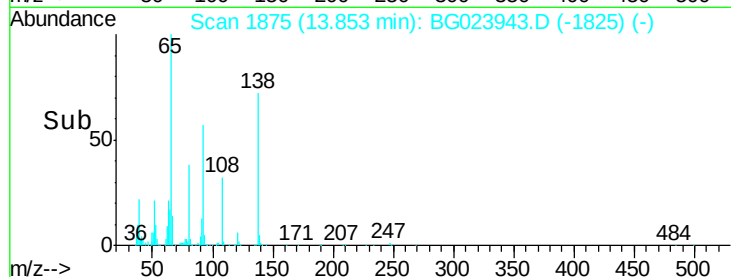
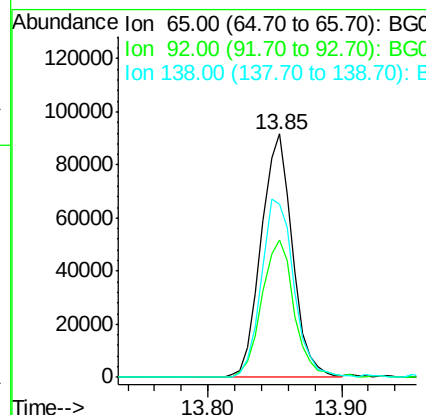
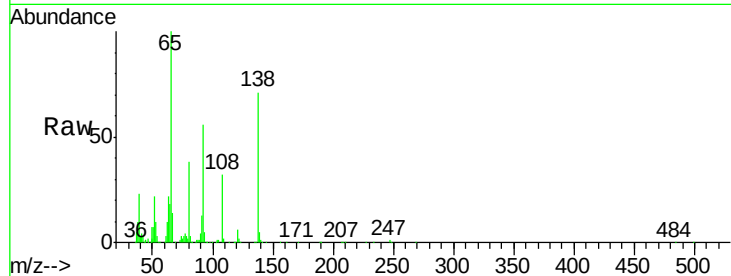




#47
2-Nitroaniline
Concen: 56.09 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

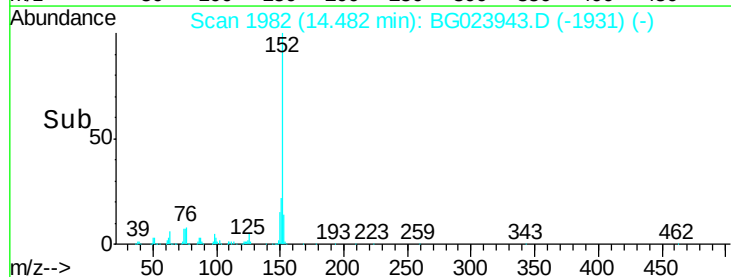
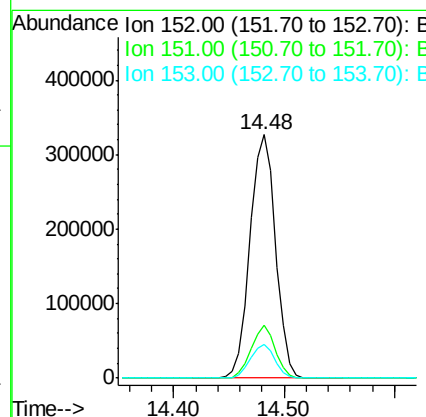
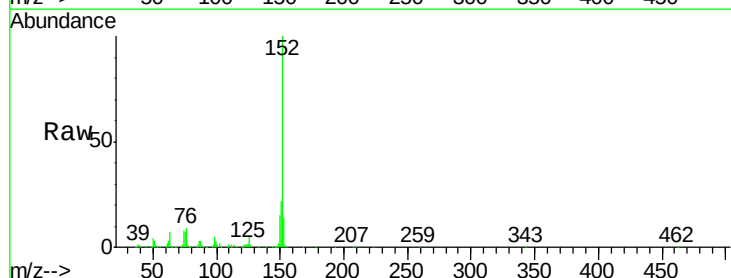
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

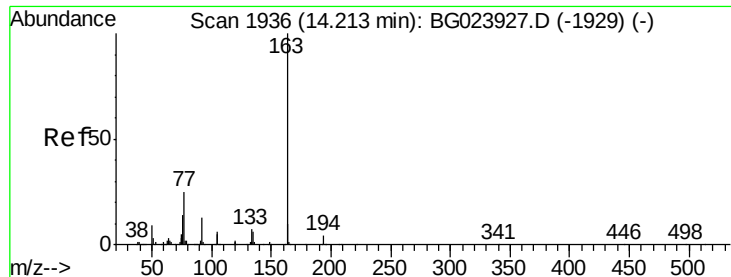
Tgt Ion: 65 Resp: 148244
Ion Ratio Lower Upper
65 100
92 56.3 49.4 74.0
138 71.4 58.0 87.0



#48
Acenaphthylene
Concen: 47.49 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion: 152 Resp: 531143
Ion Ratio Lower Upper
152 100
151 21.9 17.6 26.4
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 48.73 ng

RT: 14.21 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

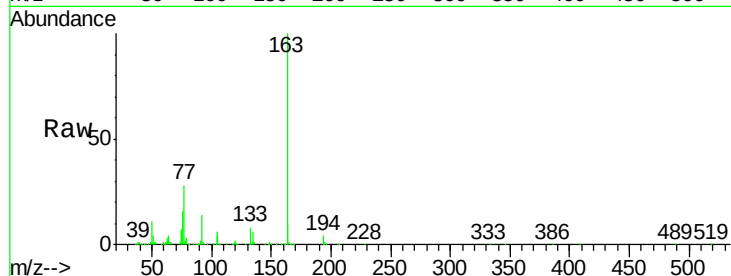
Tgt Ion:163 Resp: 474751

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

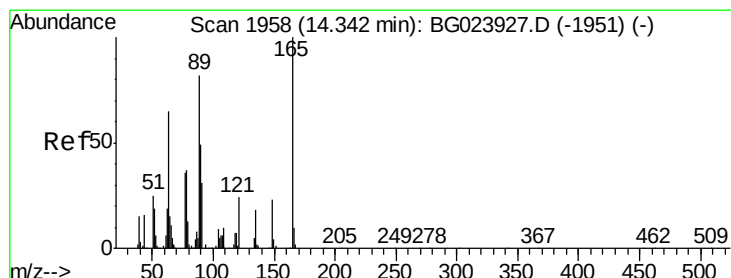
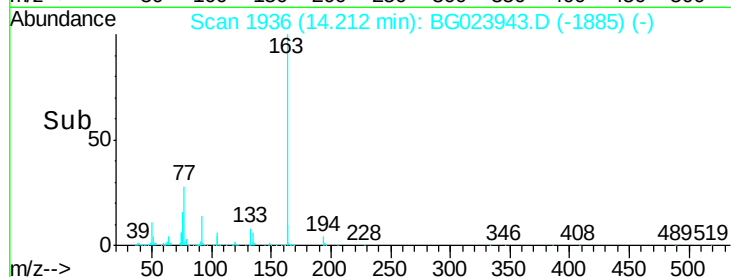
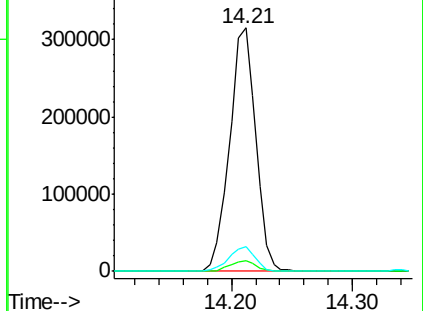
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 49.66 ng

RT: 14.34 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

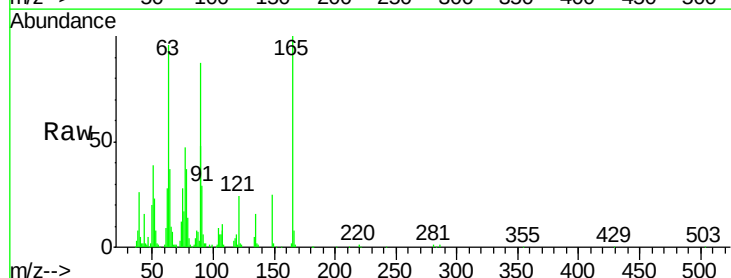
Tgt Ion:165 Resp: 102140

Ion Ratio Lower Upper

165 100

63 96.5 64.3 96.5#

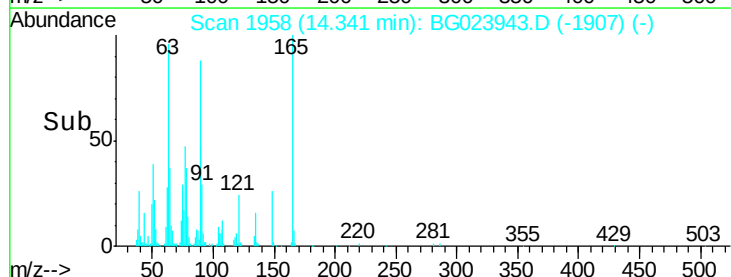
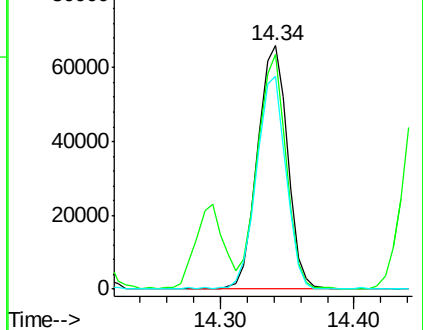
89 87.3 64.3 96.5

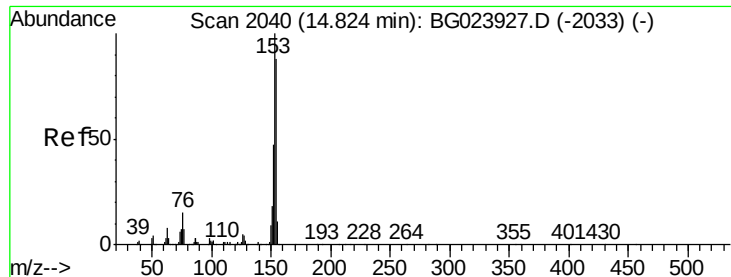


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 48.98 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

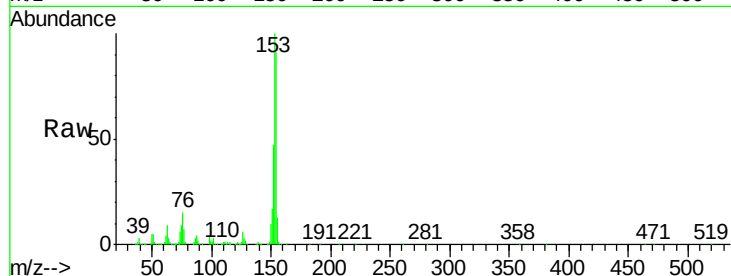
Tgt Ion:154 Resp: 338670

Ion Ratio Lower Upper

154 100

153 109.3 87.5 131.3

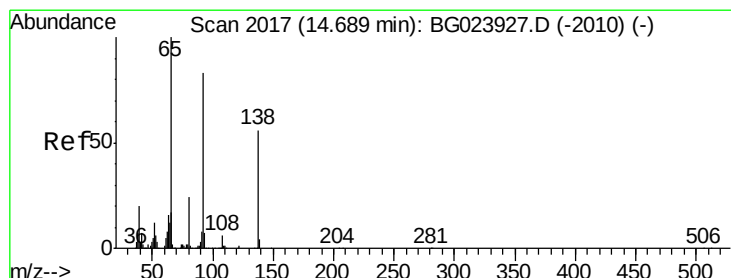
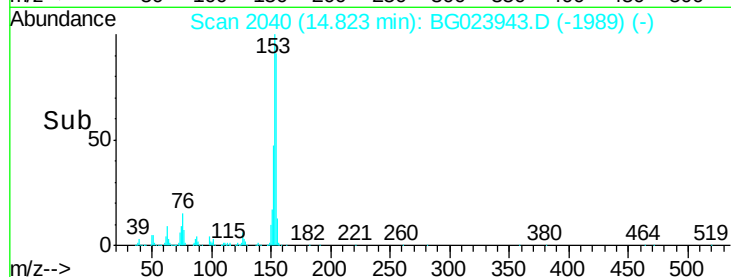
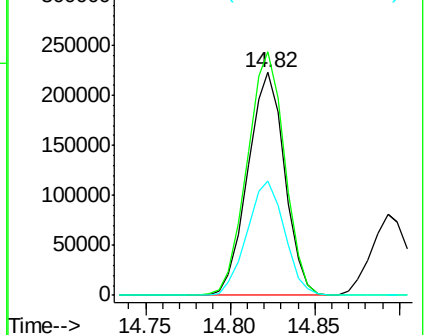
152 51.2 42.7 64.1



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: 26.49 ng

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

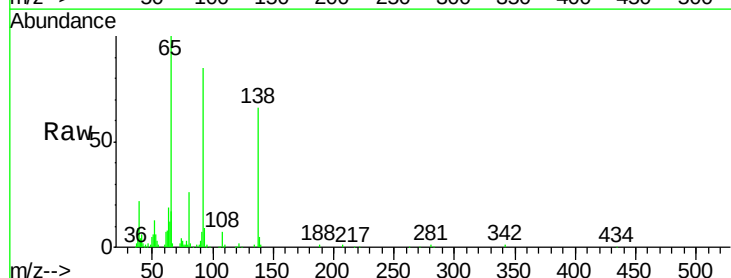
Tgt Ion:138 Resp: 50958

Ion Ratio Lower Upper

138 100

108 10.5 11.7 17.5#

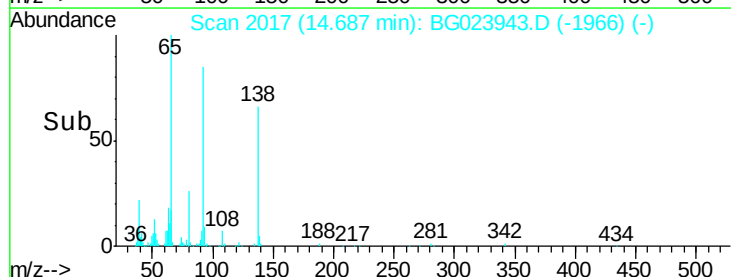
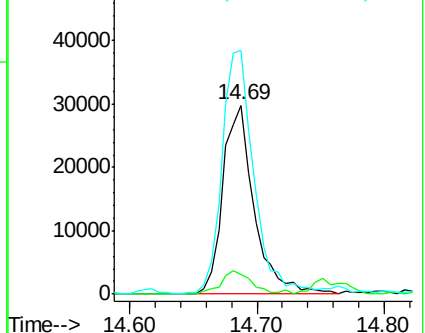
92 128.9 129.7 194.5#

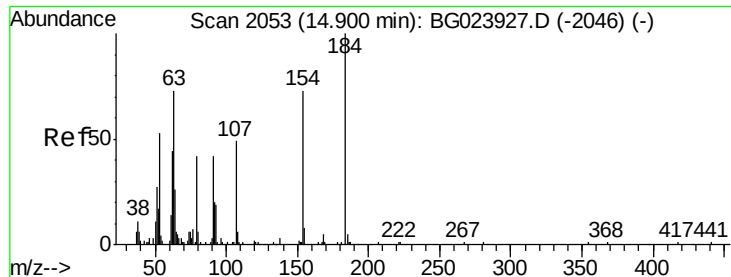


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

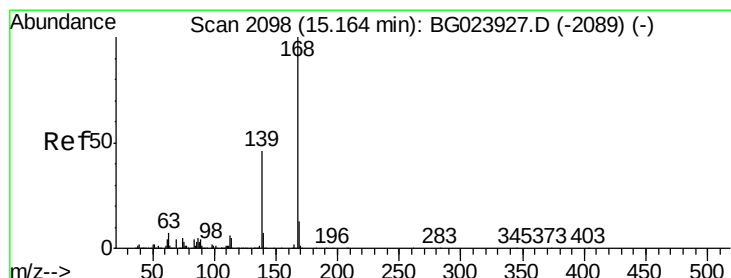
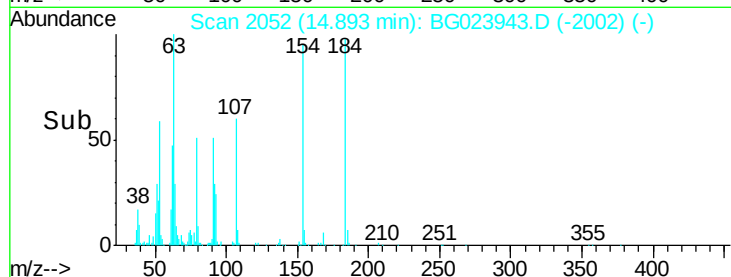
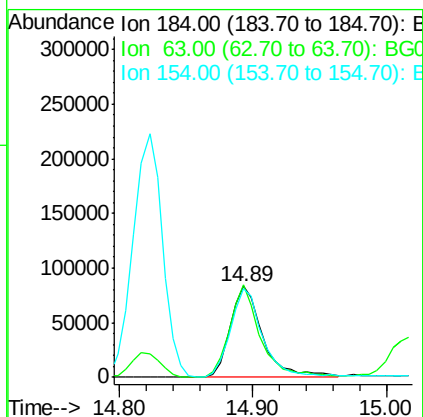
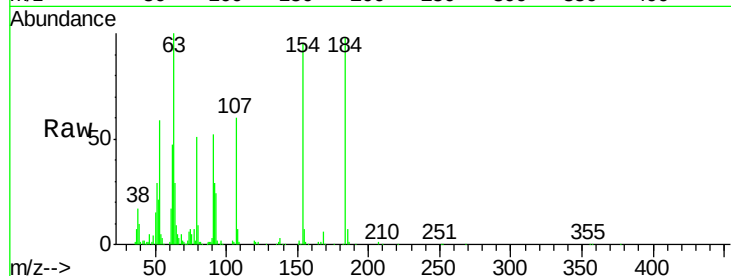




#53
2,4-Dinitrophenol
Concen: 93.31 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

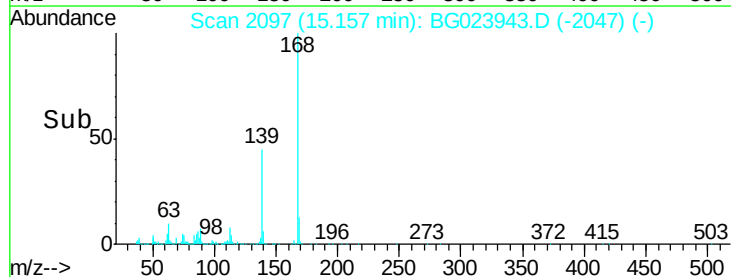
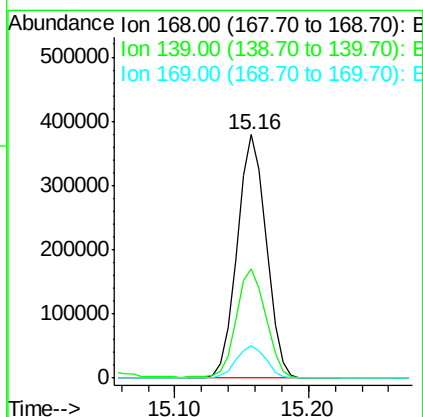
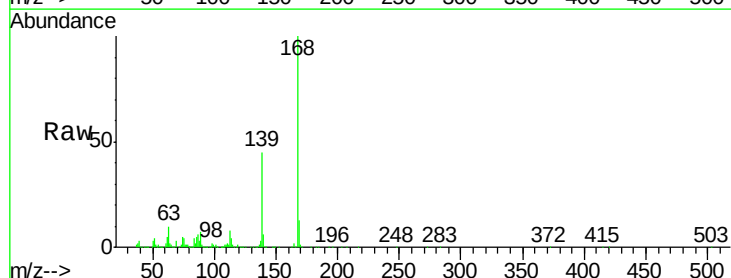
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

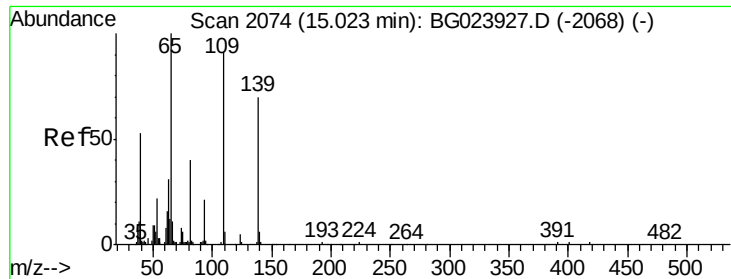
Tgt Ion:184 Resp: 142083
Ion Ratio Lower Upper
184 100
63 101.7 59.6 89.4#
154 97.1 67.4 101.0



#54
Dibenzofuran
Concen: 52.87 ng
RT: 15.16 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:168 Resp: 570504
Ion Ratio Lower Upper
168 100
139 44.7 36.4 54.6
169 13.4 11.9 17.9

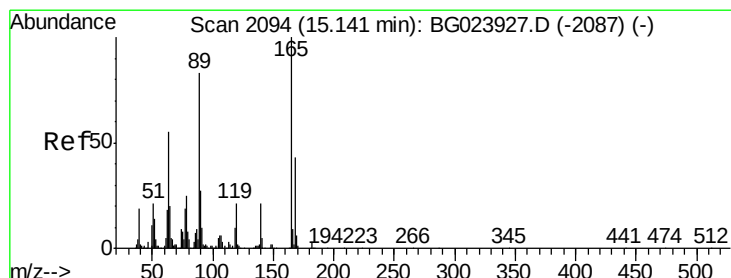
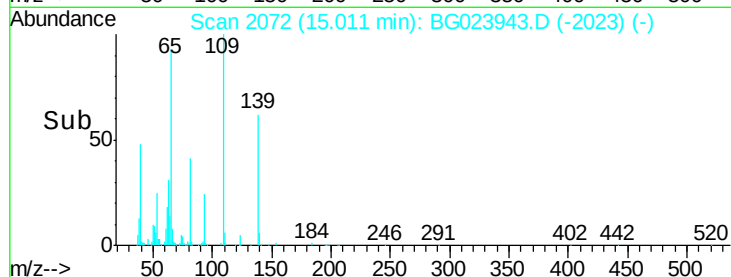
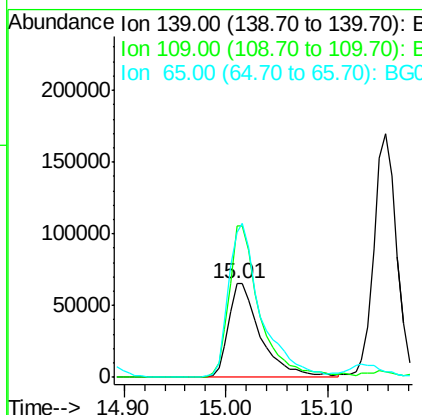
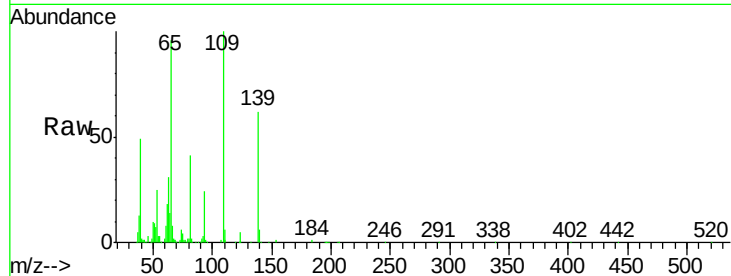




#55
4-Nitrophenol
Concen: 94.62 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

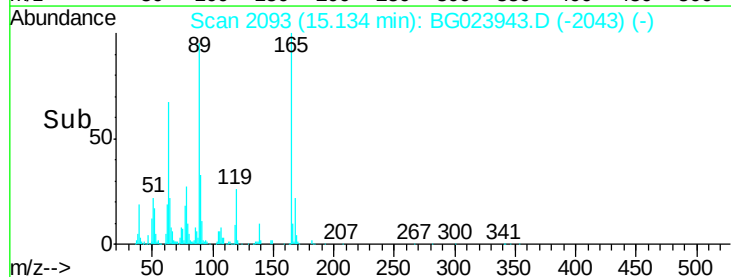
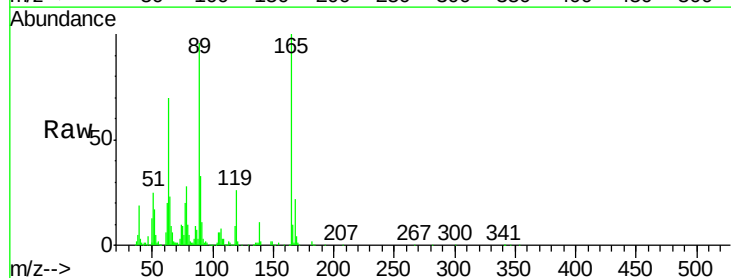
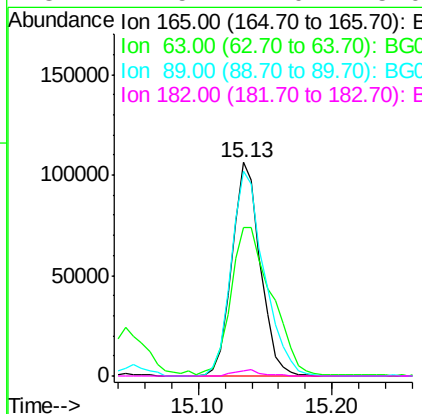
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

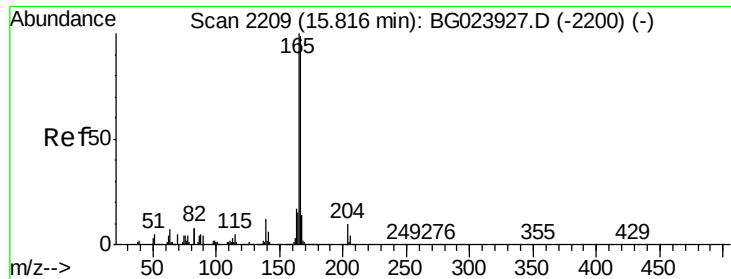
Tgt Ion:139 Resp: 144821
Ion Ratio Lower Upper
139 100
109 162.2 103.0 143.0#
65 154.9 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 51.84 ng
RT: 15.13 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:165 Resp: 156716
Ion Ratio Lower Upper
165 100
63 69.6 45.8 68.6#
89 96.0 68.6 102.8
182 2.5 2.0 3.0





#57

Fluorene

Concen: 52.60 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

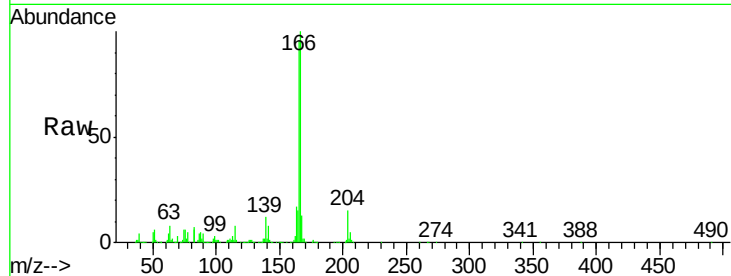
Tgt Ion:166 Resp: 492272

Ion Ratio Lower Upper

166 100

165 96.2 81.0 121.6

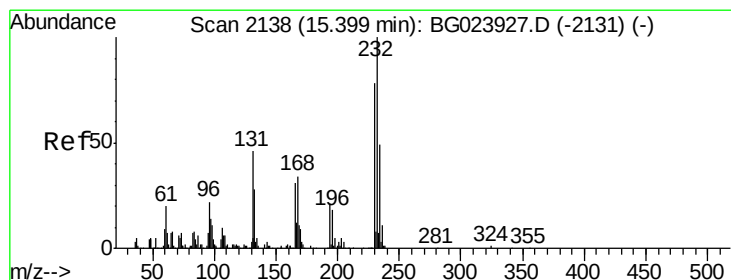
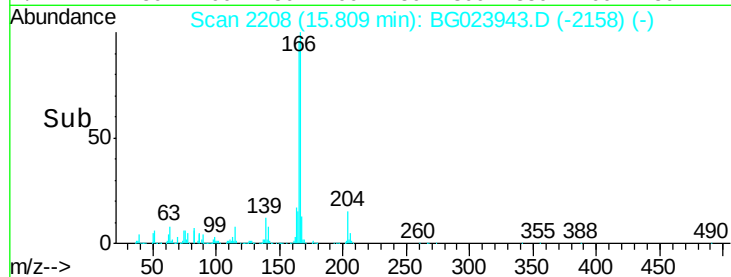
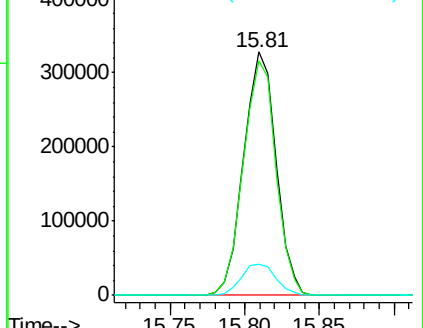
167 12.7 12.0 18.0



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: 57.36 ng

RT: 15.39 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Tgt Ion:232 Resp: 148128

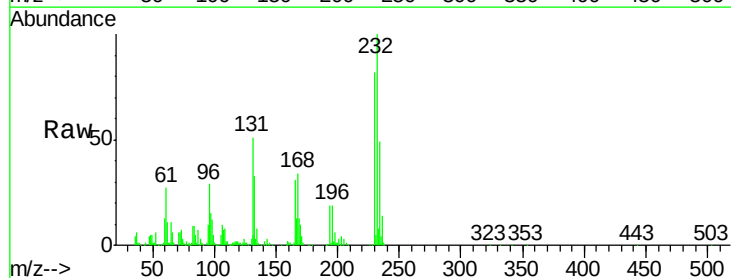
Ion Ratio Lower Upper

232 100

131 46.2 32.7 49.1

130 3.1 2.6 3.8

166 29.3 23.0 34.6

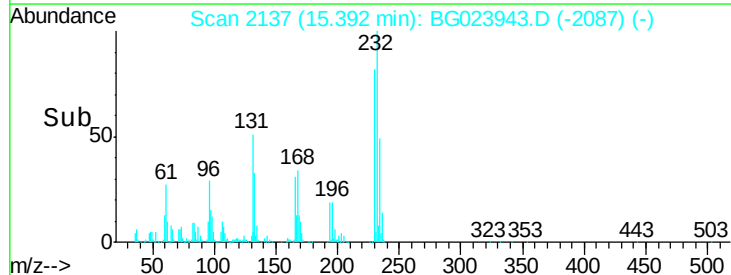
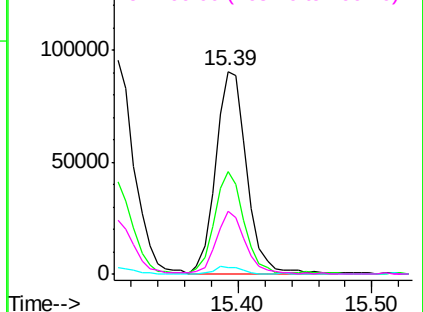


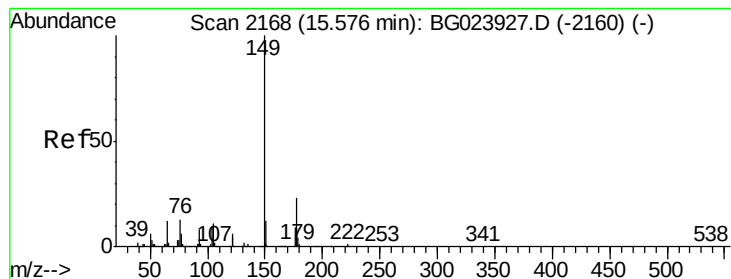
Abundance Ion 232.00 (231.70 to 232.70): E

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: 51.89 ng

RT: 15.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

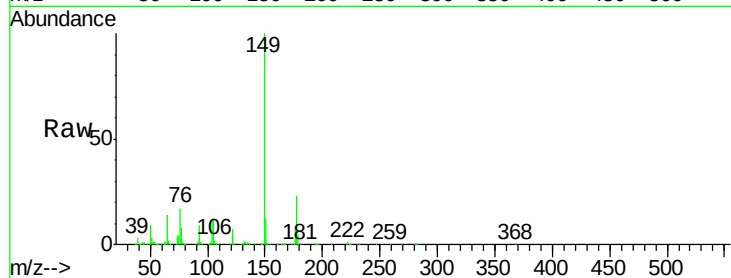
Tgt Ion:149 Resp: 539733

Ion Ratio Lower Upper

149 100

177 23.4 19.2 28.8

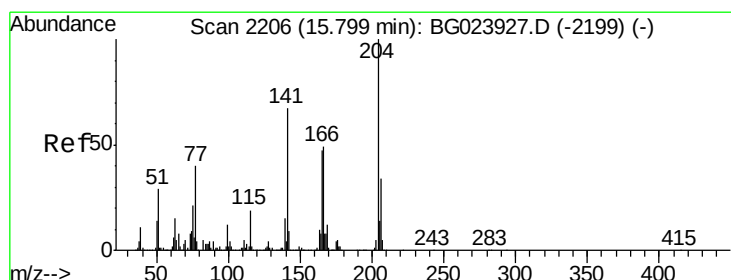
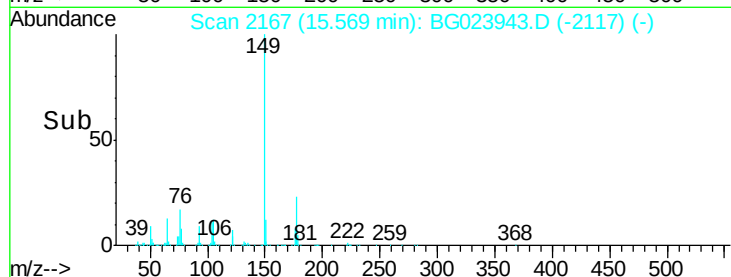
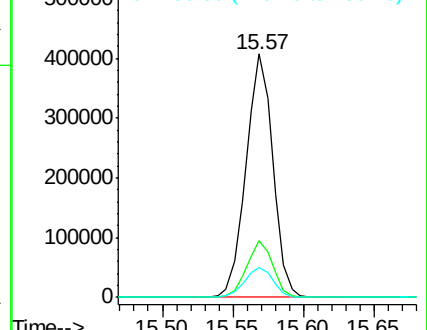
150 12.3 10.6 16.0



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: 52.58 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

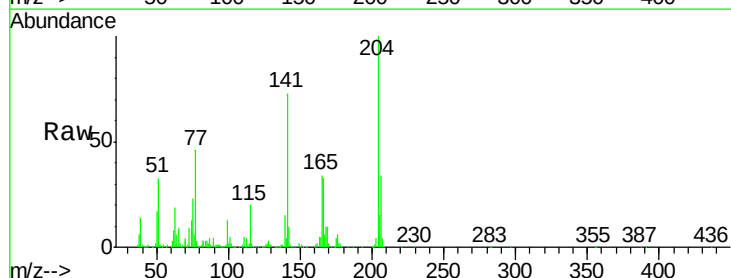
Tgt Ion:204 Resp: 264892

Ion Ratio Lower Upper

204 100

206 33.6 28.5 42.7

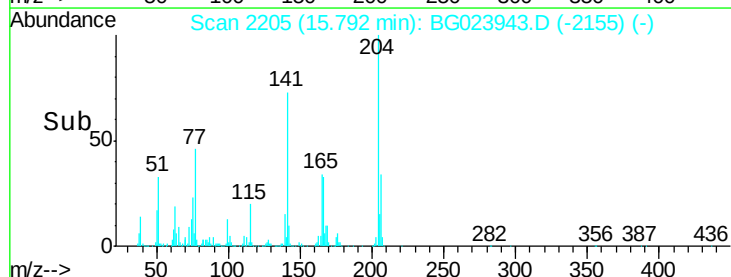
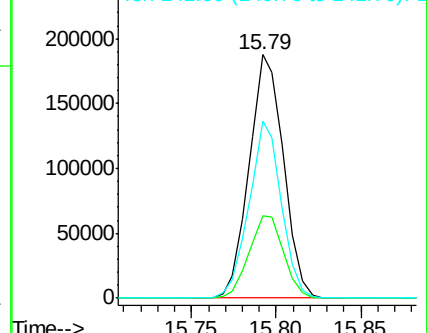
141 72.6 51.4 77.0

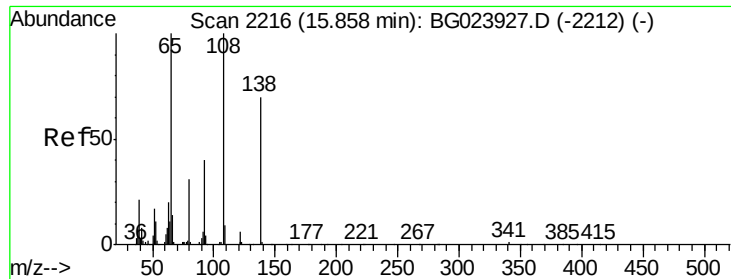


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

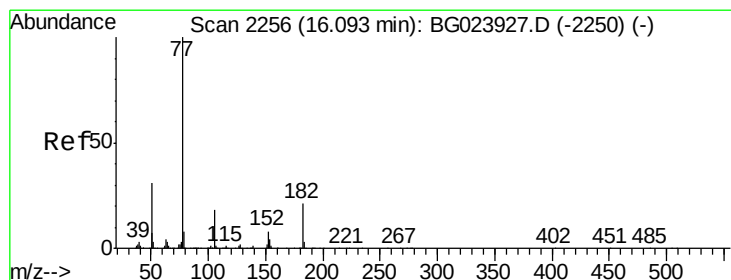
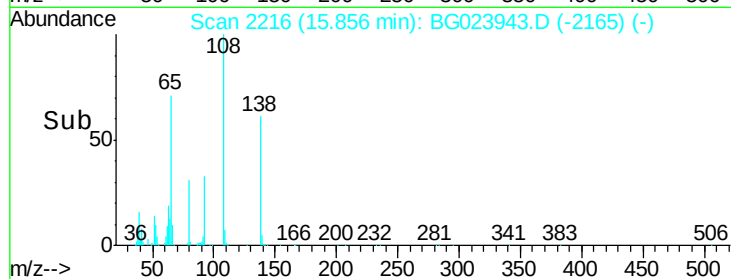
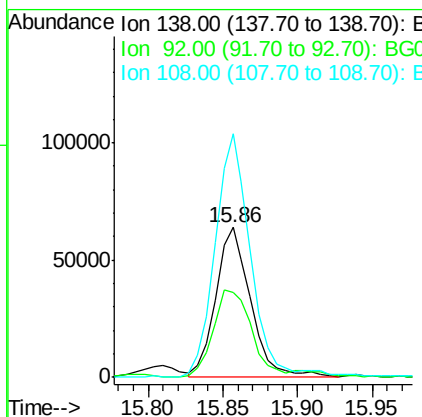
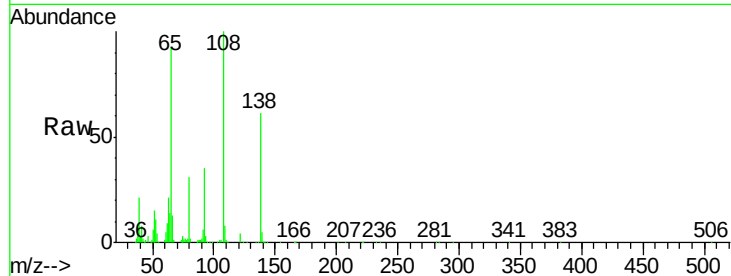




#61
4-Nitroaniline
Concen: 53.04 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

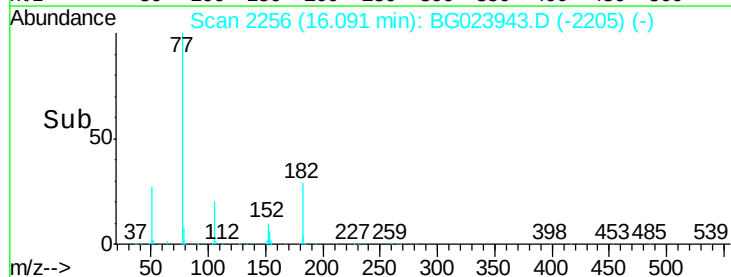
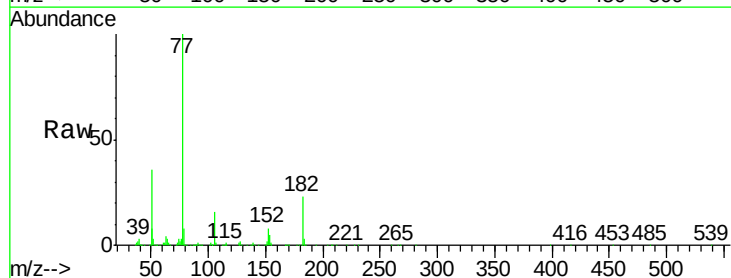
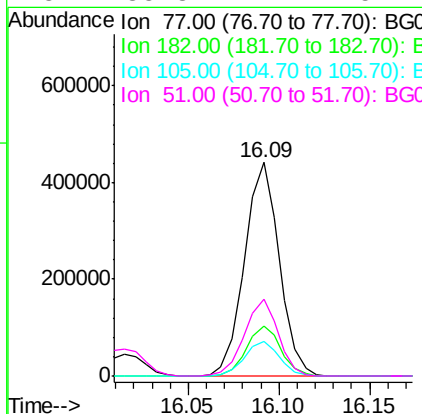
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

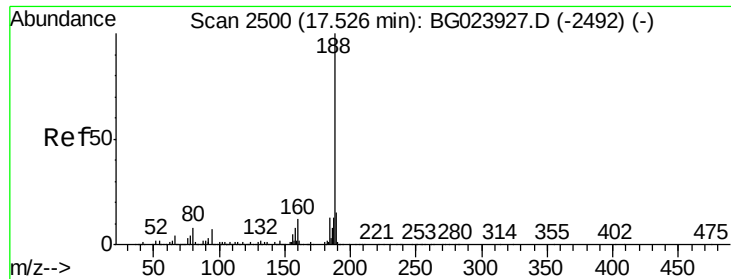
Tgt Ion:138 Resp: 103158
Ion Ratio Lower Upper
138 100
92 56.9 54.1 94.1
108 162.7 133.9 173.9



#62
Azobenzene
Concen: 58.38 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion: 77 Resp: 588101
Ion Ratio Lower Upper
77 100
182 23.4 3.5 43.5
105 16.5 0.0 38.5
51 35.8 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

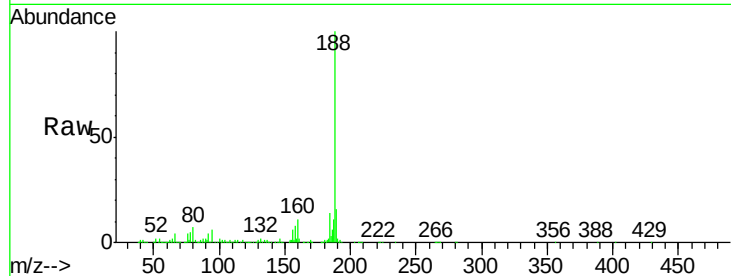
Tgt Ion:188 Resp: 327239

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

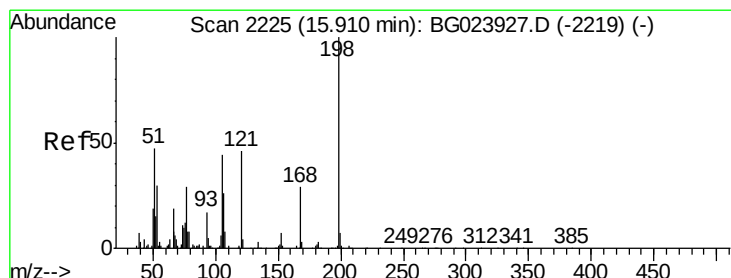
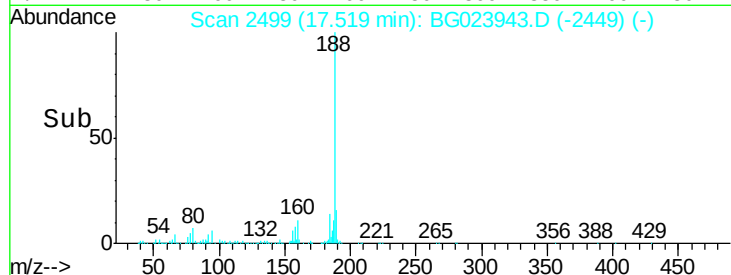
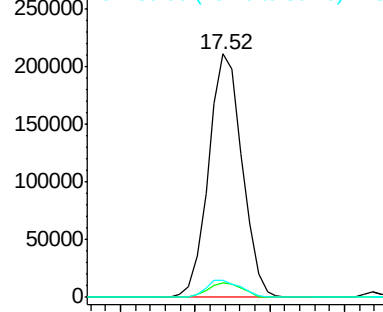
80 7.0 7.2 10.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 47.38 ng

RT: 15.90 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

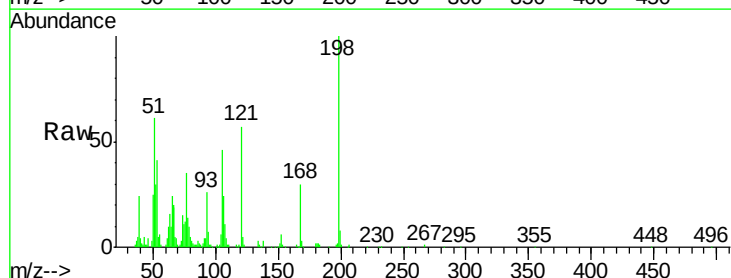
Tgt Ion:198 Resp: 107635

Ion Ratio Lower Upper

198 100

51 61.1 26.0 66.0

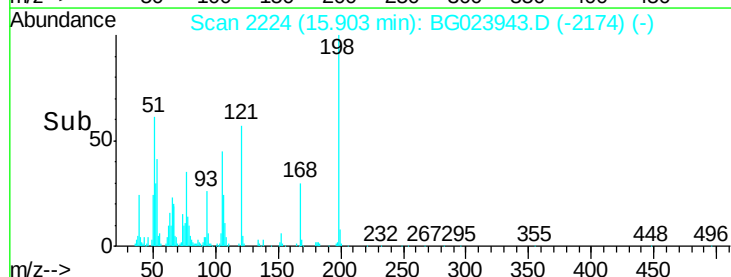
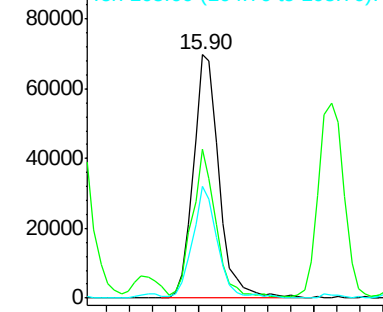
105 45.8 20.1 60.1

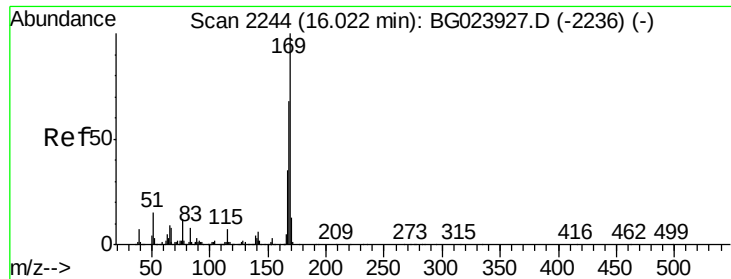


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 48.80 ng

RT: 16.02 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

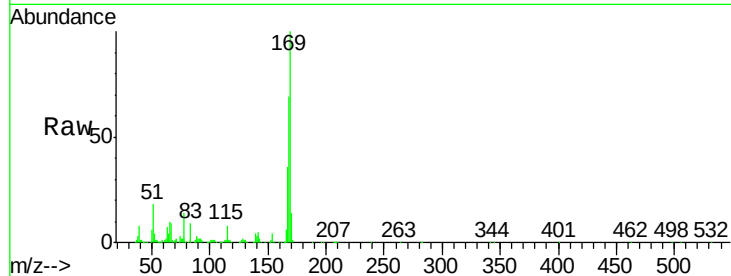
Tgt Ion:169 Resp: 453619

Ion Ratio Lower Upper

169 100

168 69.3 55.0 82.4

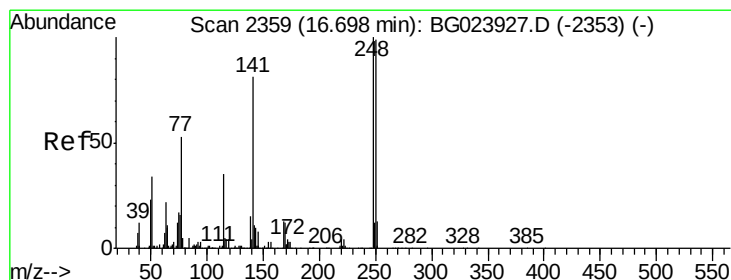
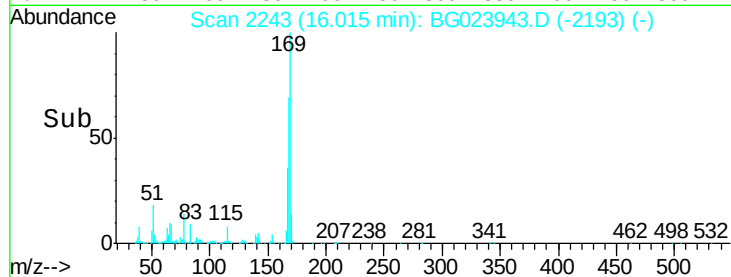
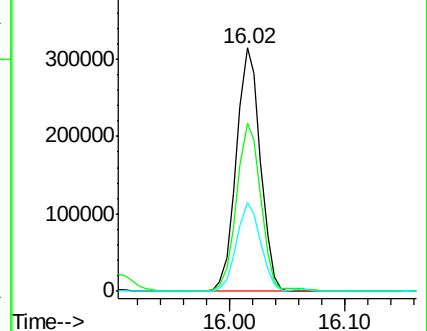
167 36.3 27.4 41.0



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: 50.24 ng

RT: 16.70 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

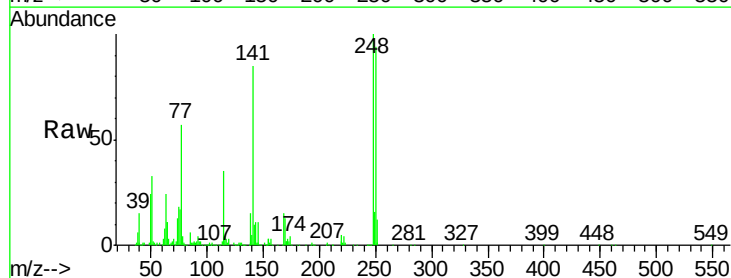
Tgt Ion:248 Resp: 200025

Ion Ratio Lower Upper

248 100

250 94.3 77.8 116.8

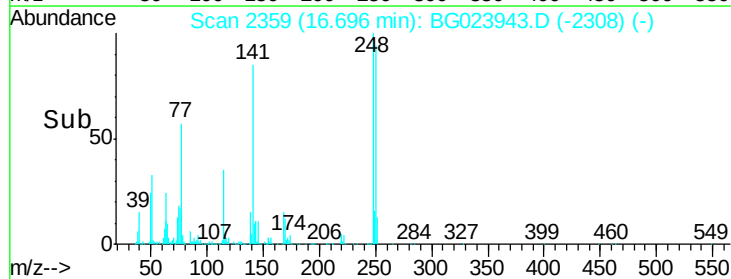
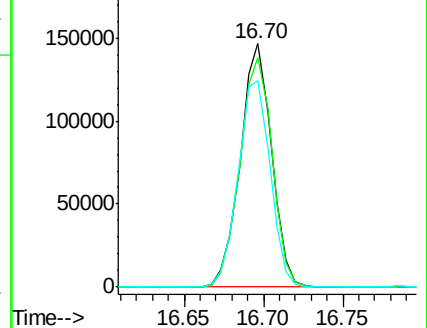
141 85.0 65.7 98.5

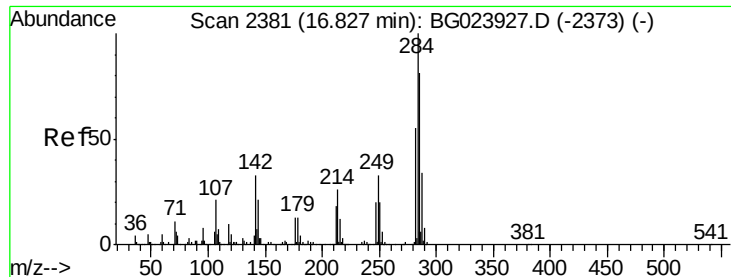


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.45 ng

RT: 16.82 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

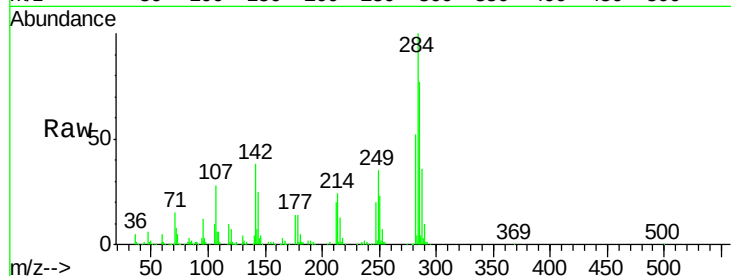
Tgt Ion:284 Resp: 207560

Ion Ratio Lower Upper

284 100

142 37.7 26.8 40.2

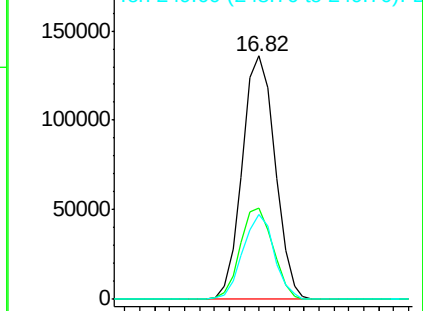
249 34.9 28.9 43.3



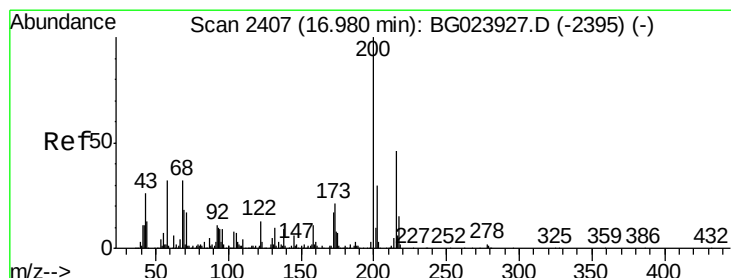
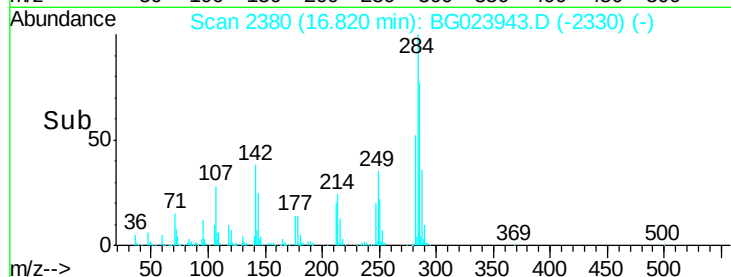
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 49.52 ng

RT: 16.97 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

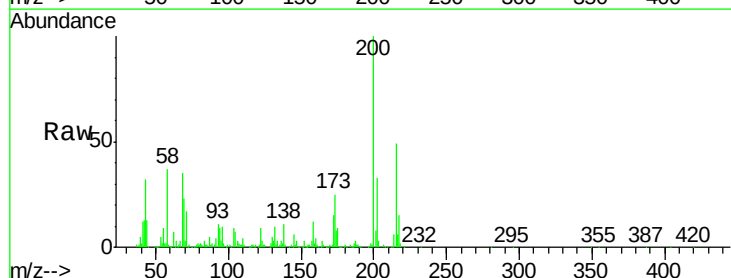
Tgt Ion:200 Resp: 198018

Ion Ratio Lower Upper

200 100

173 24.8 1.6 41.6

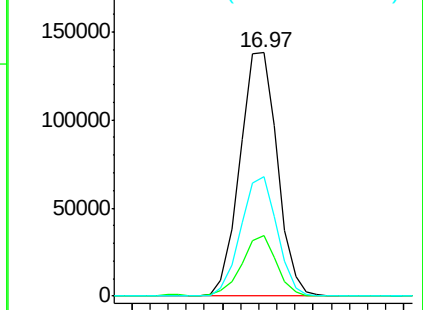
215 49.0 28.7 68.7



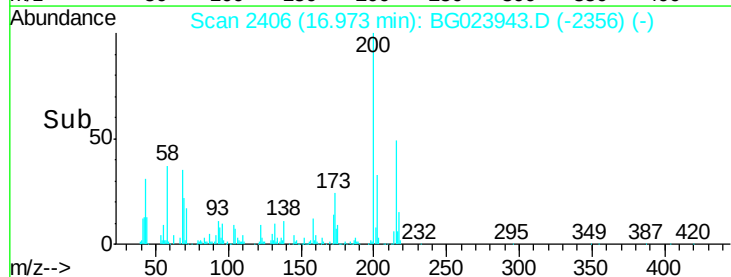
Abundance Ion 200.00 (199.70 to 200.70): E

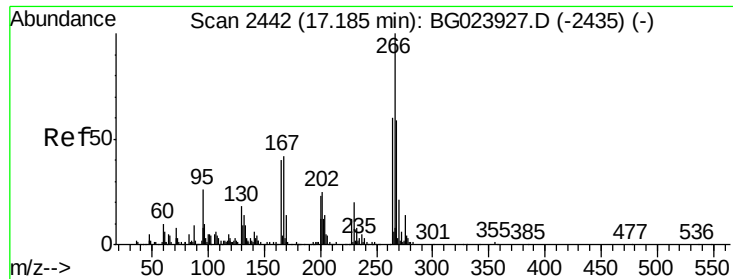
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->





#69

Pentachlorophenol

Concen: 97.42 ng

RT: 17.17 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

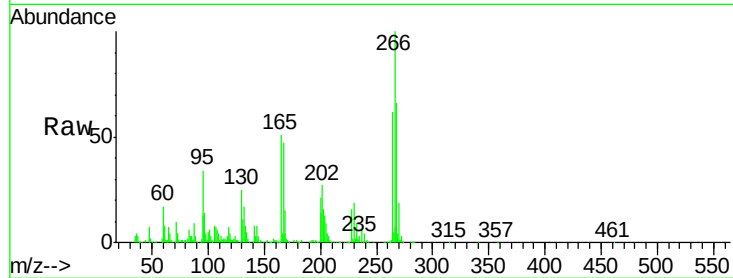
Tgt Ion:266 Resp: 241587

Ion Ratio Lower Upper

266 100

268 66.0 51.9 77.9

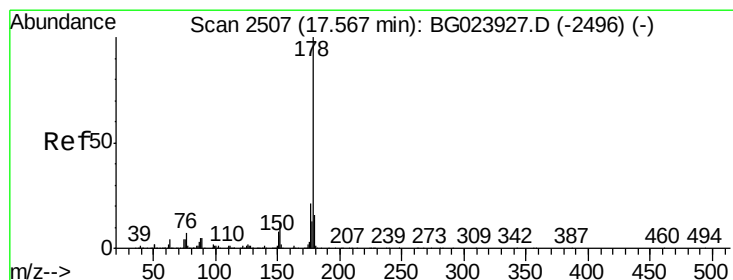
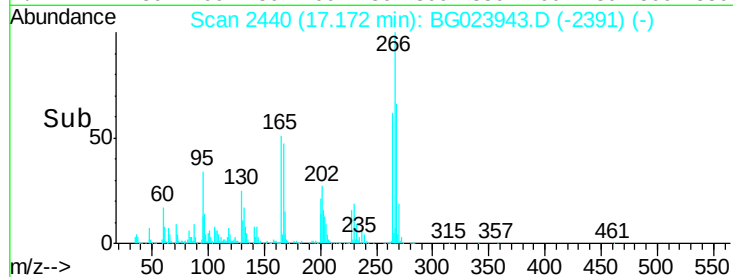
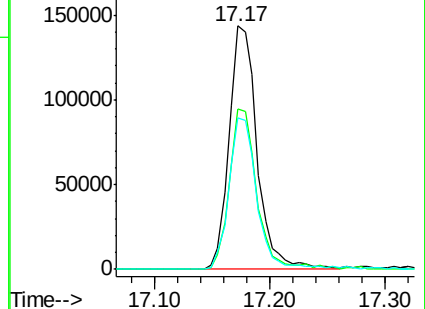
264 62.1 50.6 75.8



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: 51.75 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

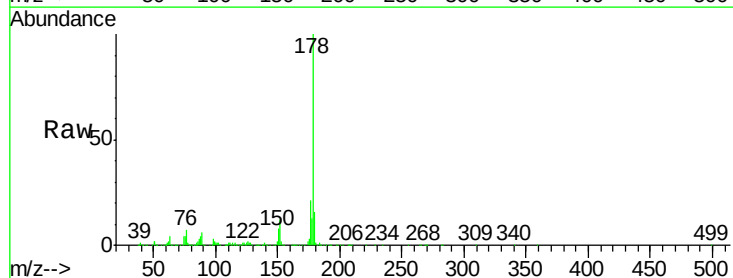
Tgt Ion:178 Resp: 880982

Ion Ratio Lower Upper

178 100

176 21.4 16.8 25.2

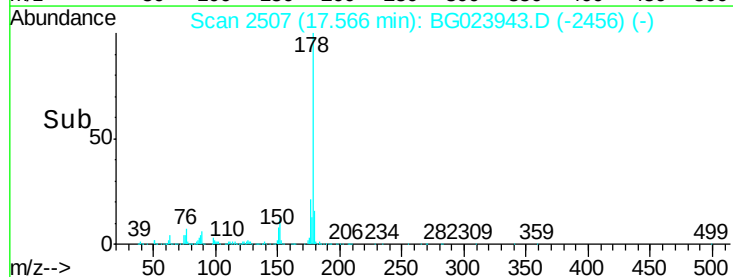
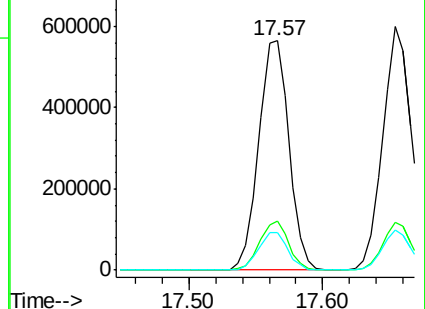
179 16.2 14.3 21.5

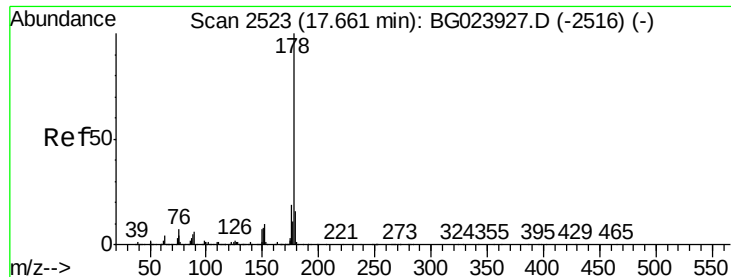


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 51.41 ng

RT: 17.65 min Scan# 2522

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

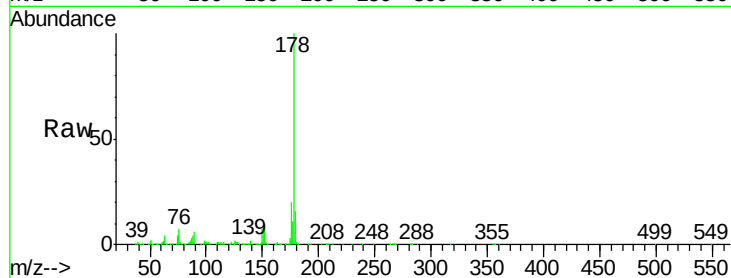
Tgt Ion:178 Resp: 892740

Ion Ratio Lower Upper

178 100

176 19.6 17.3 25.9

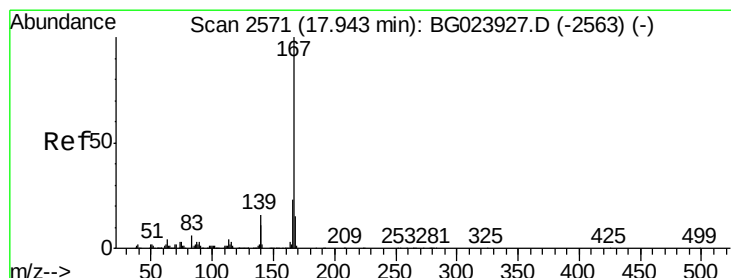
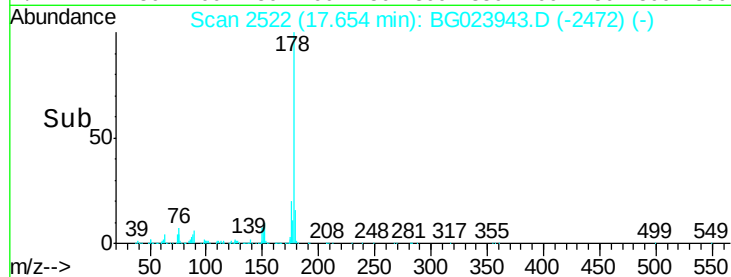
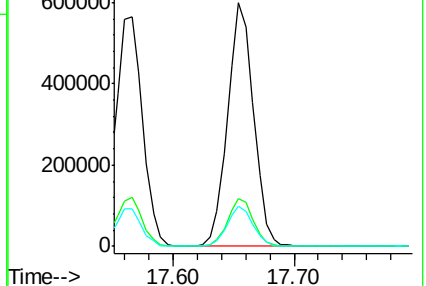
179 16.5 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 50.60 ng

RT: 17.94 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

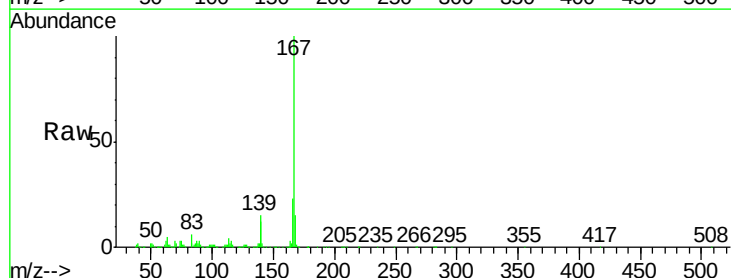
Tgt Ion:167 Resp: 797367

Ion Ratio Lower Upper

167 100

166 23.2 20.7 31.1

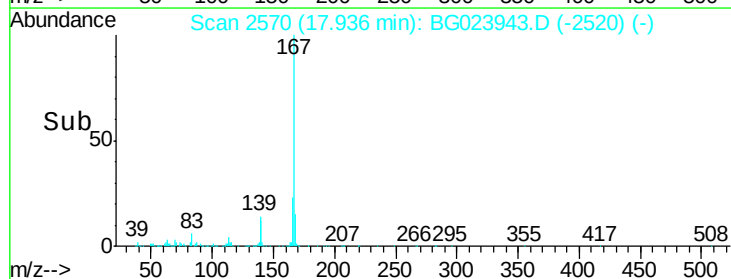
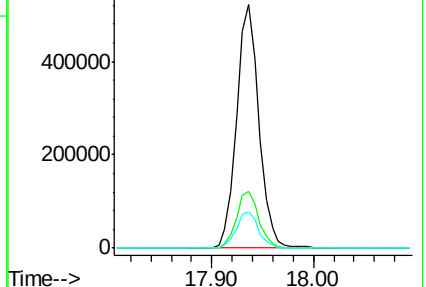
139 15.1 11.9 17.9

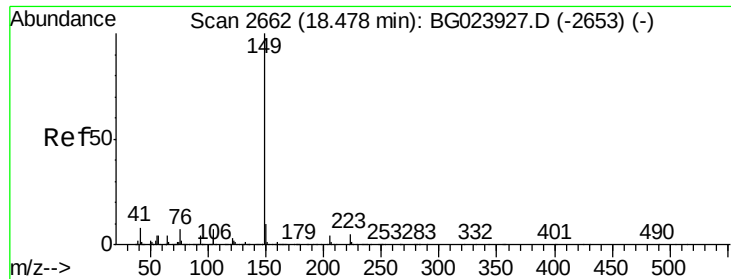


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

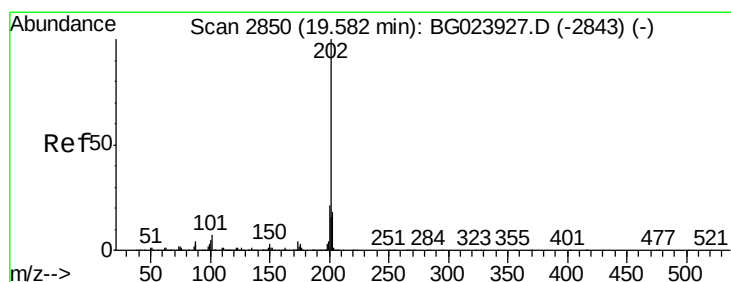
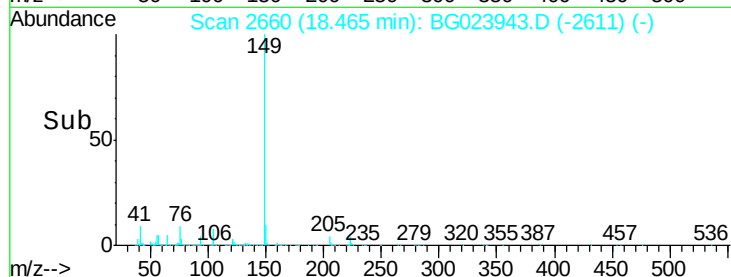
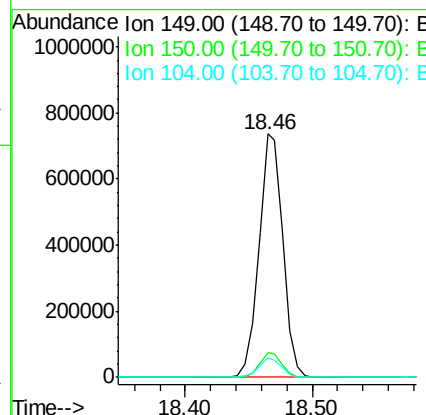
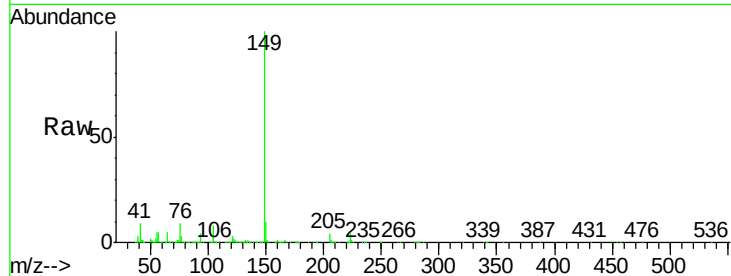




#73
Di-n-butylphthalate
Concen: 51.42 ng
RT: 18.46 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

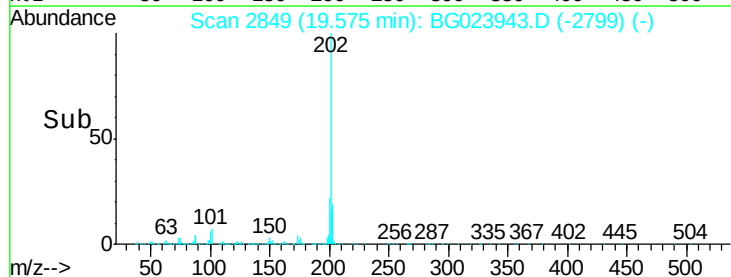
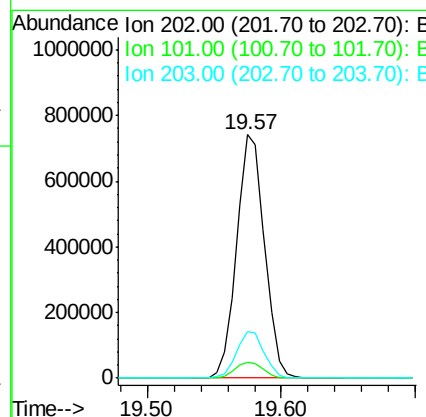
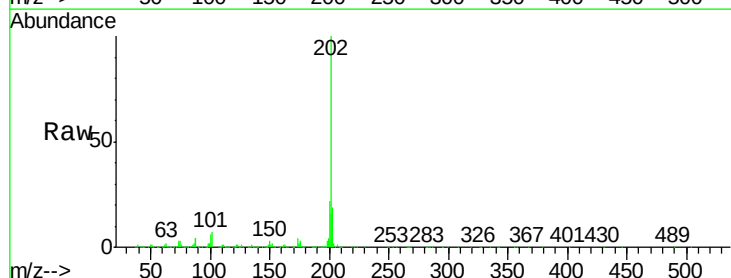
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

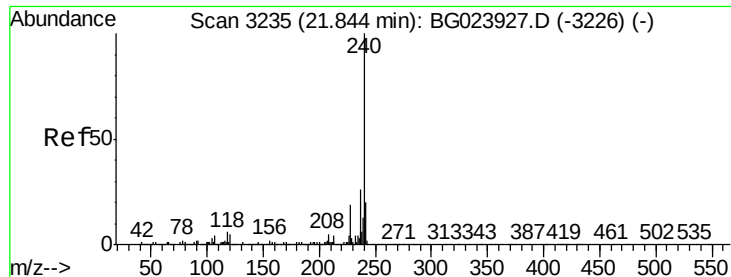
Tgt Ion:149 Resp: 966785
Ion Ratio Lower Upper
149 100
150 10.1 9.1 13.7
104 8.3 6.9 10.3



#74
Fluoranthene
Concen: 52.52 ng
RT: 19.57 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion:202 Resp: 1076520
Ion Ratio Lower Upper
202 100
101 6.7 0.0 27.4
203 19.2 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

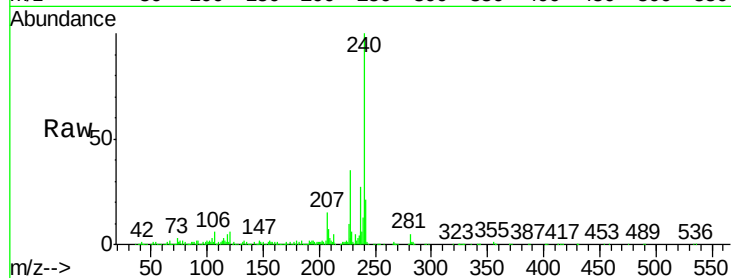
Tgt Ion:240 Resp: 344492

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

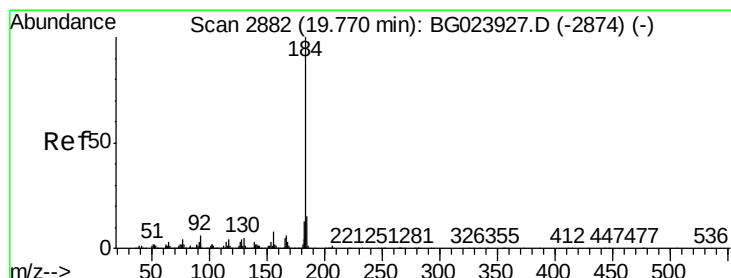
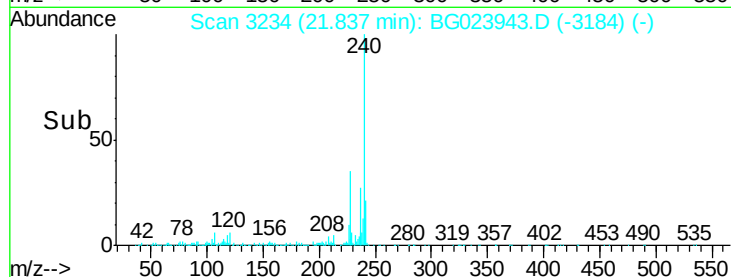
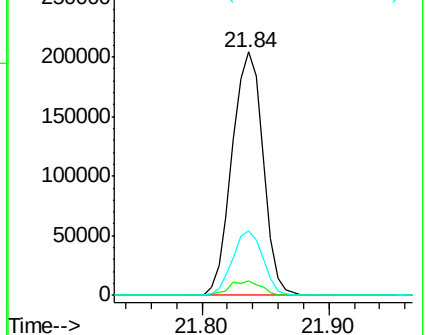
236 26.6 21.1 31.7



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: 2.57 ng m

RT: 19.78 min Scan# 2884

Delta R.T. 0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

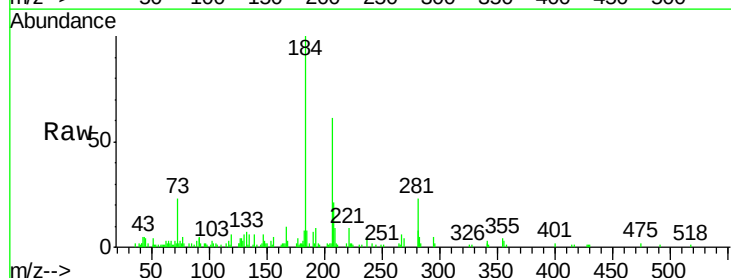
Tgt Ion:184 Resp: 27375

Ion Ratio Lower Upper

184 100

185 7.8 12.6 19.0#

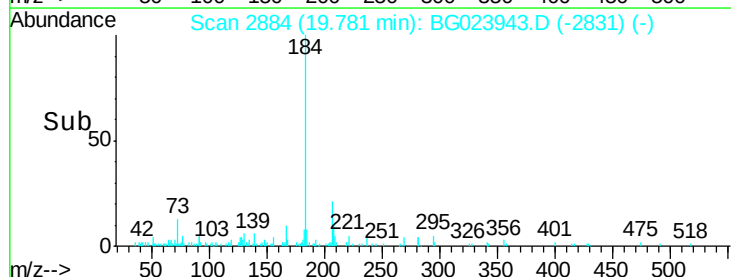
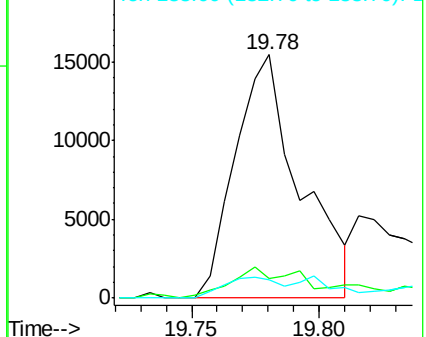
183 7.6 10.7 16.1#

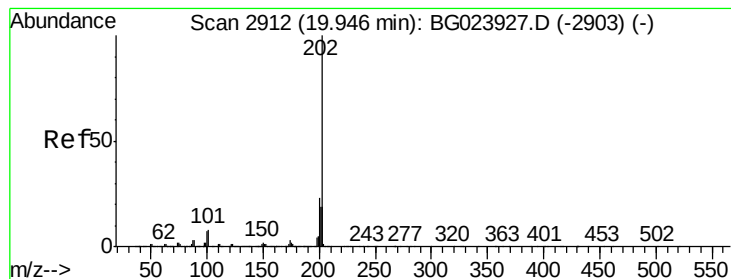


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.65 ng

RT: 19.94 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

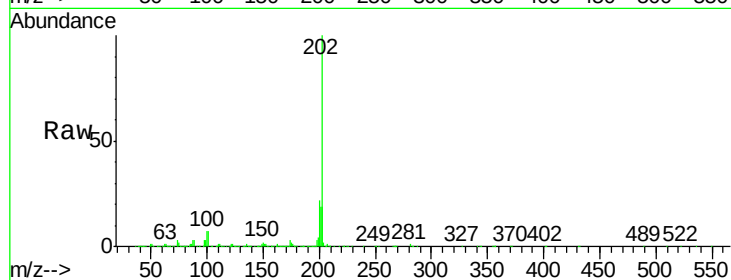
Tgt Ion:202 Resp: 1094206

Ion Ratio Lower Upper

202 100

200 22.2 21.2 31.8

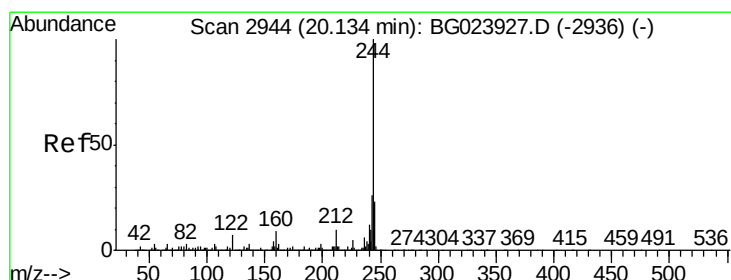
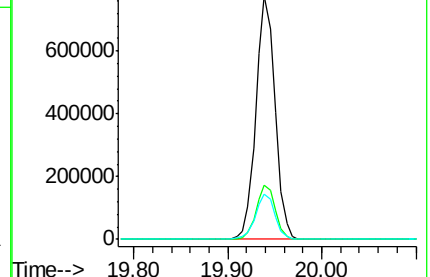
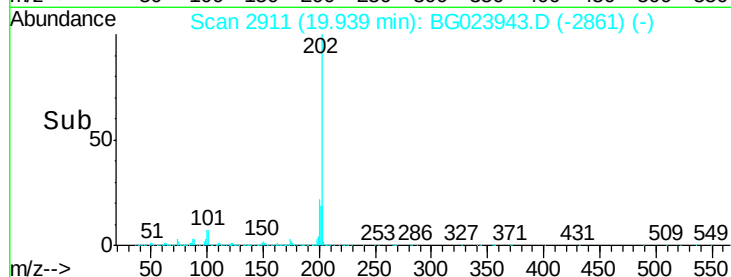
203 18.7 16.8 25.2



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: 102.92 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

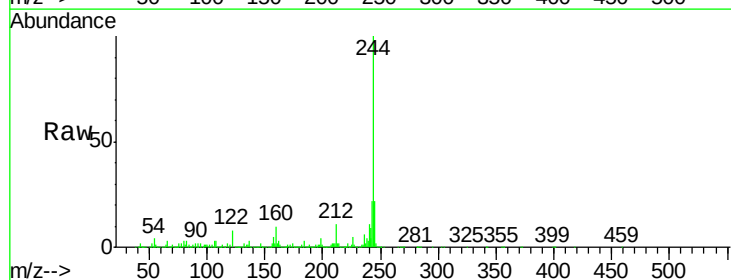
Tgt Ion:244 Resp: 1556786

Ion Ratio Lower Upper

244 100

212 10.5 10.8 16.2#

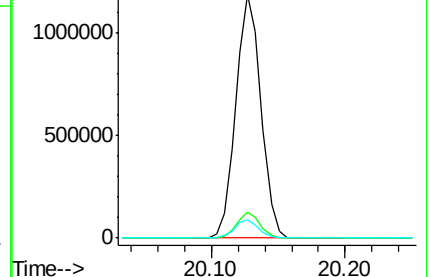
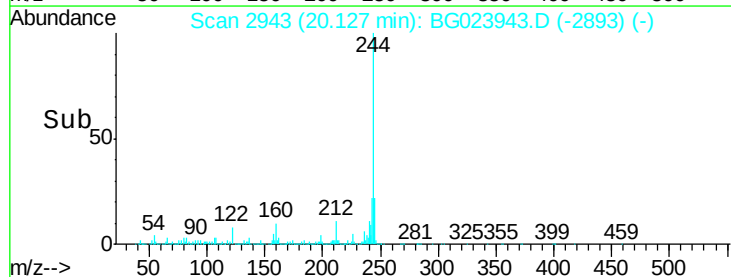
122 7.7 8.0 12.0#

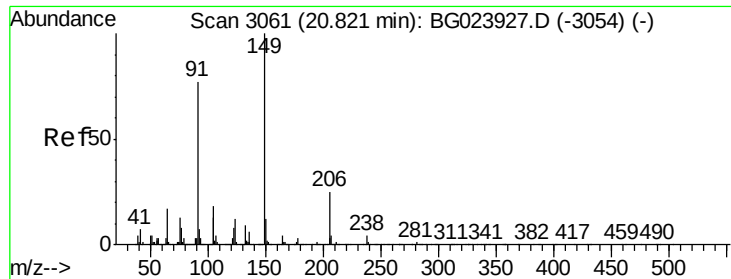


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 51.40 ng

RT: 20.81 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

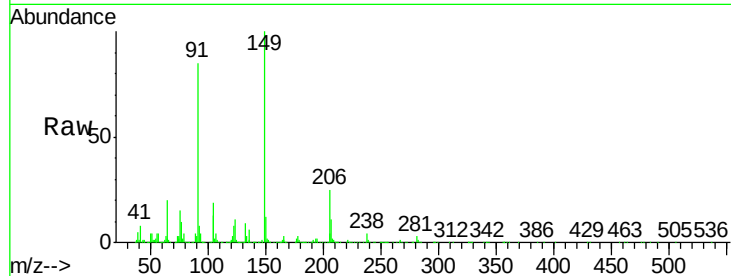
Tgt Ion:149 Resp: 419811

Ion Ratio Lower Upper

149 100

91 85.3 68.1 102.1

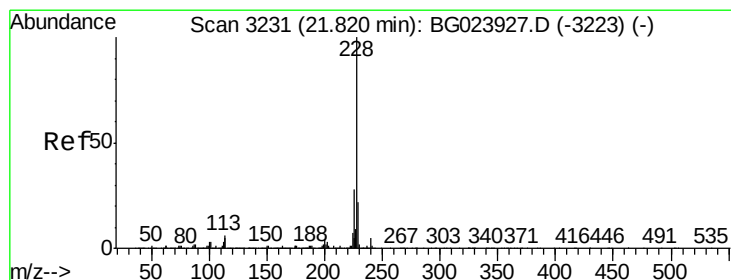
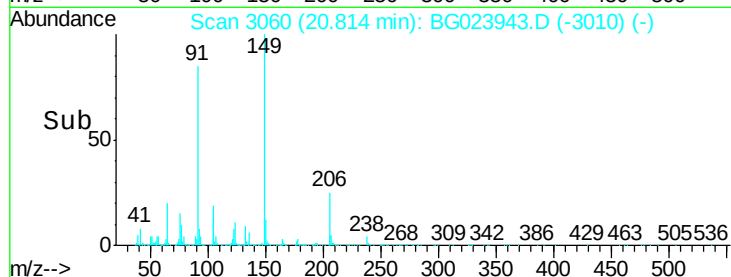
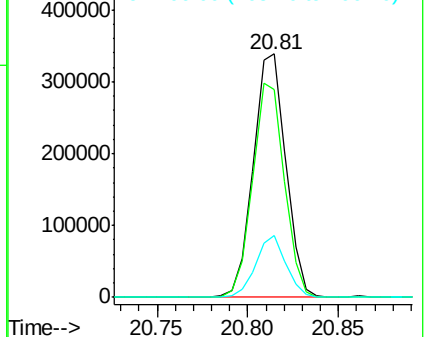
206 25.2 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG023943.D (-3060) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 54.34 ng

RT: 21.81 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

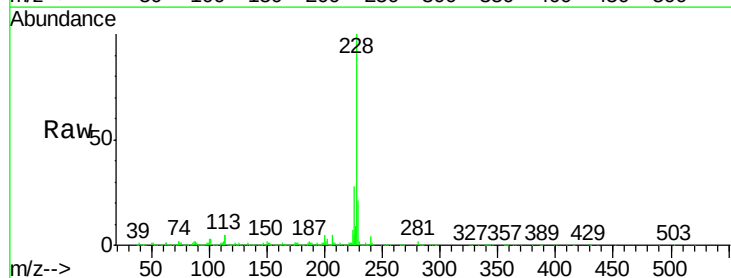
Tgt Ion:228 Resp: 1047924

Ion Ratio Lower Upper

228 100

226 28.1 25.3 37.9

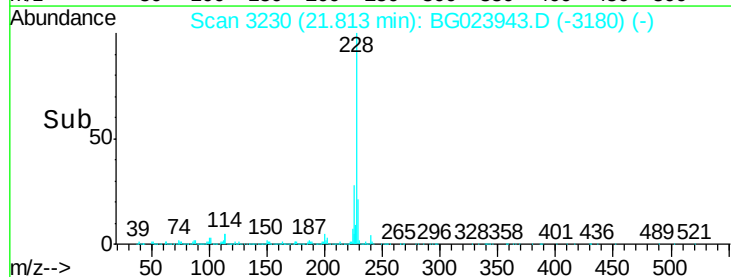
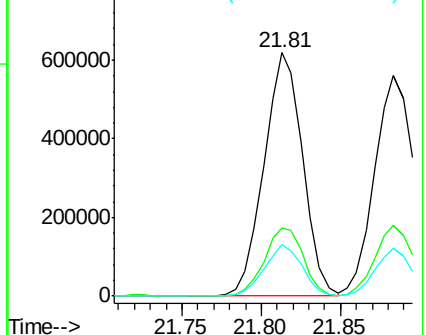
229 21.0 19.9 29.9

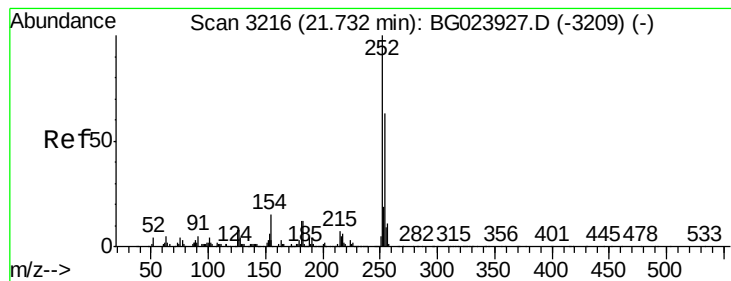


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

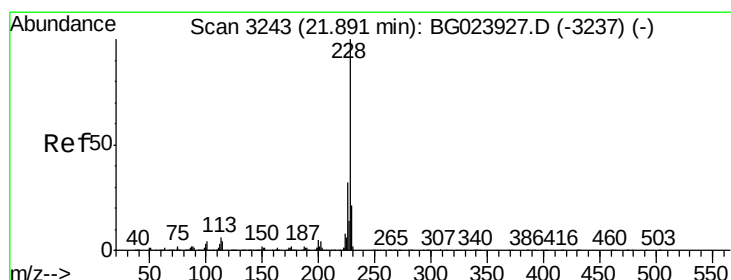
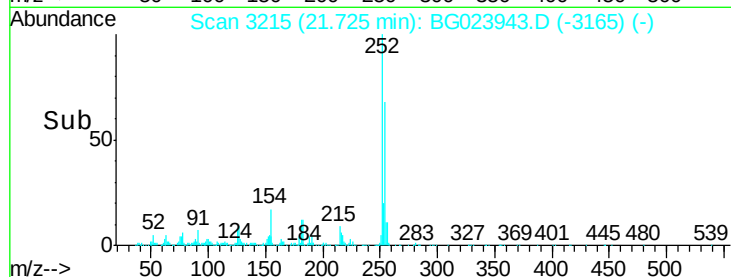
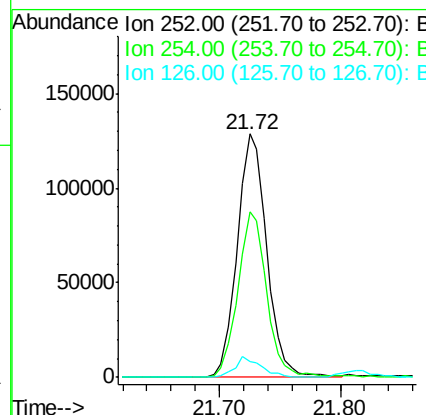
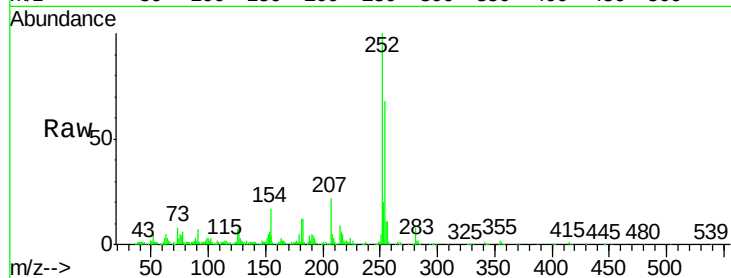




#81
 3,3'-Dichlorobenzidine
 Concen: 28.56 ng
 RT: 21.72 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

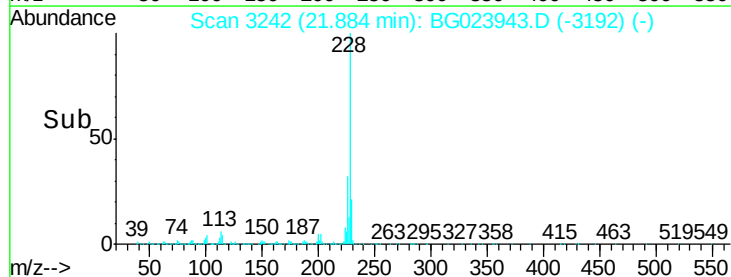
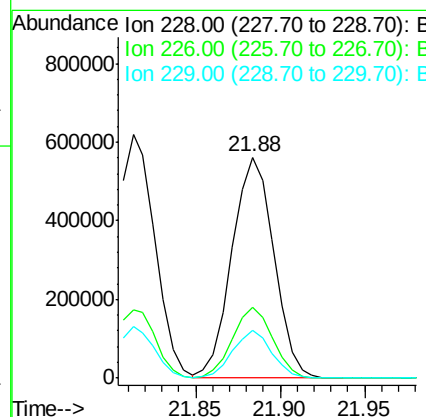
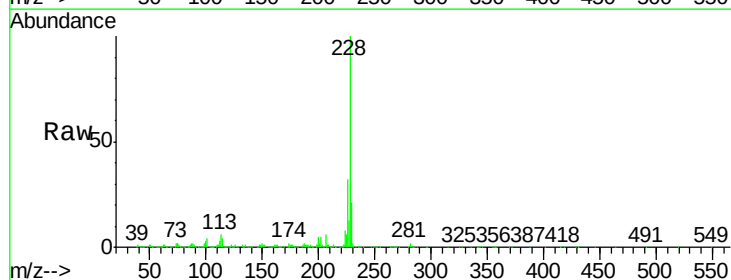
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

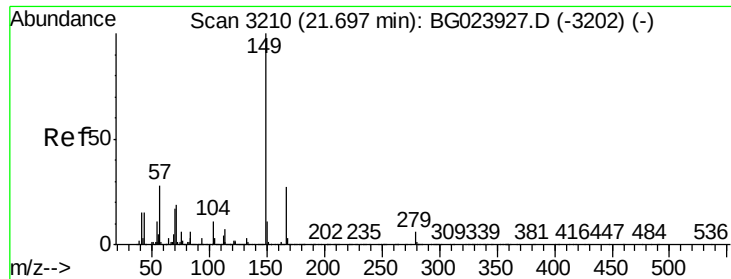
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.8	51.2	76.8
126	6.7	5.3	7.9



#82
 Chrysene
 Concen: 52.72 ng
 RT: 21.88 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.7	40.1
229	21.5	17.4	26.2

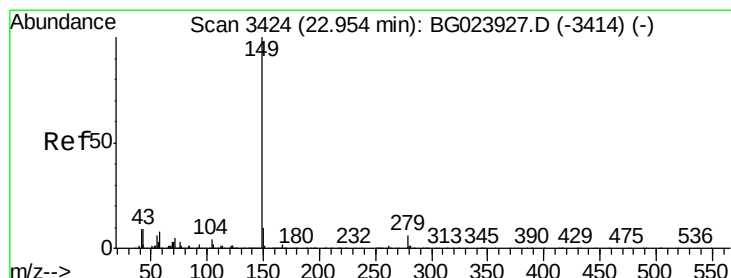
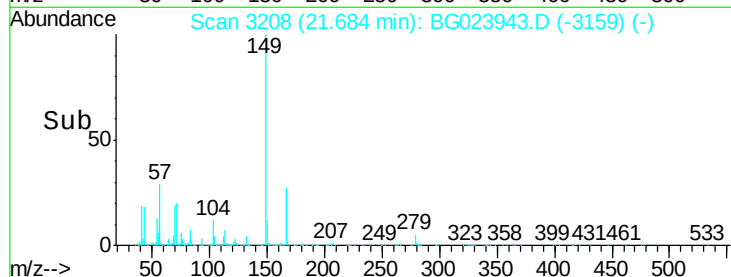
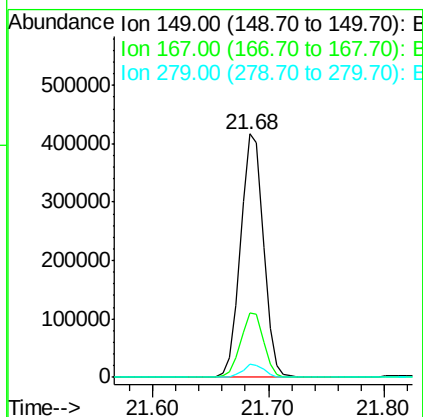
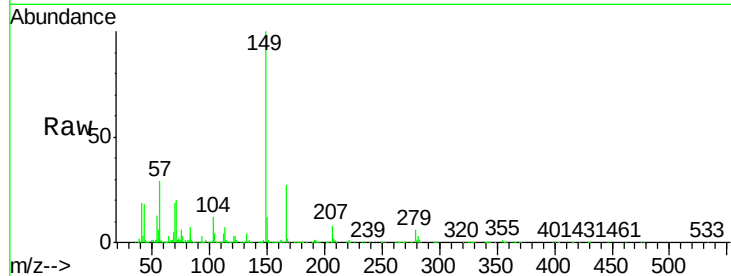




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.08 ng
 RT: 21.68 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

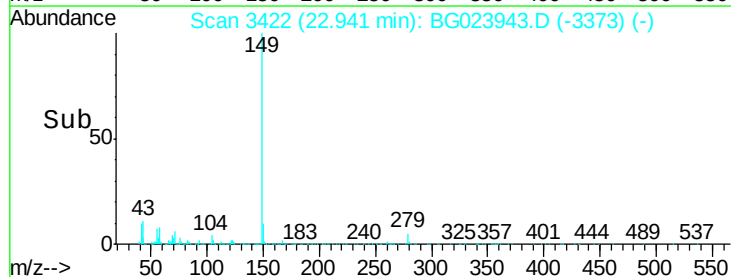
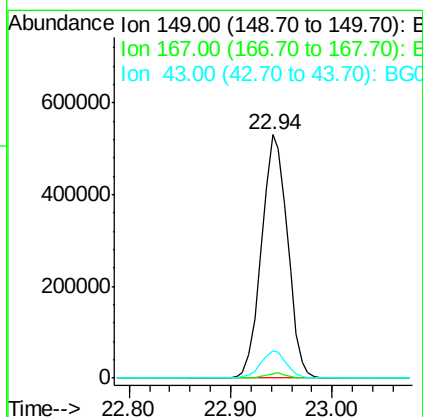
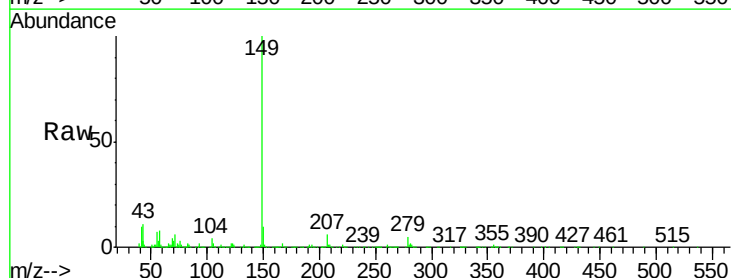
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

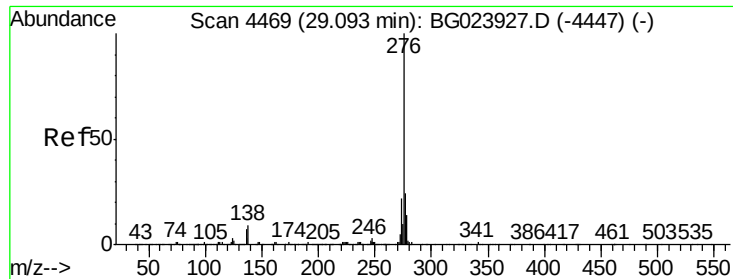
Tgt Ion:149 Resp: 571208
 Ion Ratio Lower Upper
 149 100
 167 26.6 24.0 36.0
 279 5.5 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 51.19 ng
 RT: 22.94 min Scan# 3422
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion:149 Resp: 938841
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.5 2.3
 43 11.0 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 54.21 ng

RT: 29.07 min Scan# 4466

Delta R.T. -0.02 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

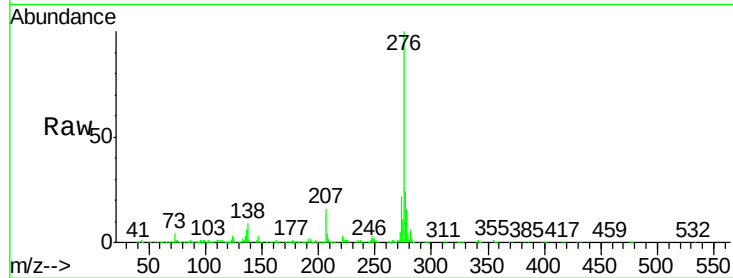
Tgt Ion:276 Resp: 1101696

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

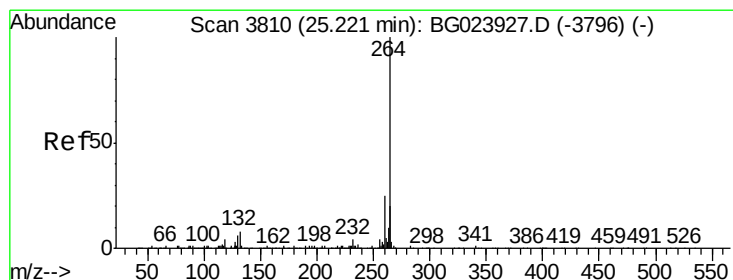
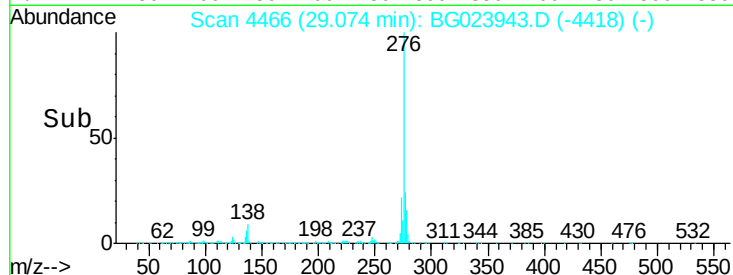
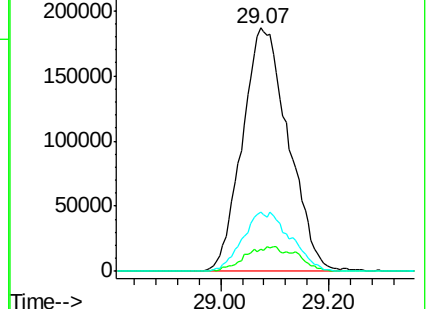
277 13.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

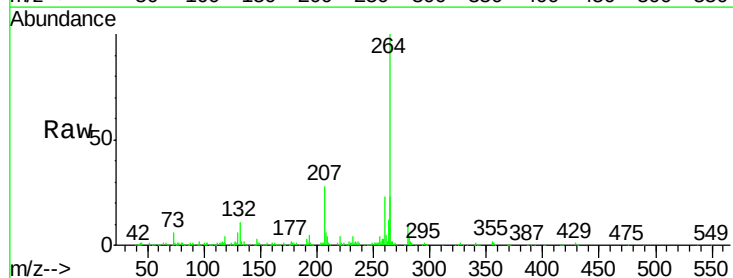
Tgt Ion:264 Resp: 337176

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

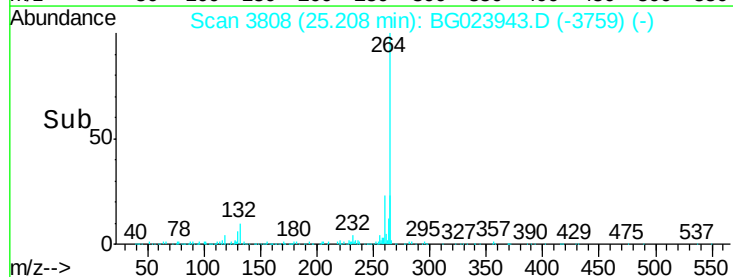
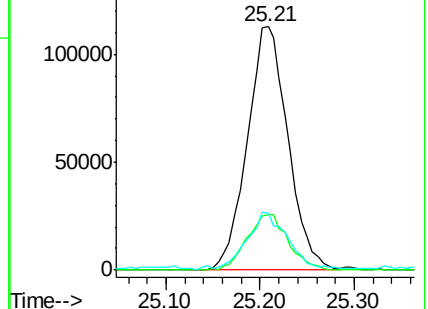
265 23.1 18.9 28.3

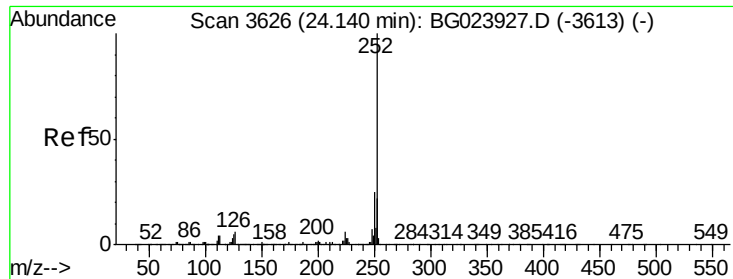


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 54.32 ng

RT: 24.13 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampled :

11FT-SOILMS

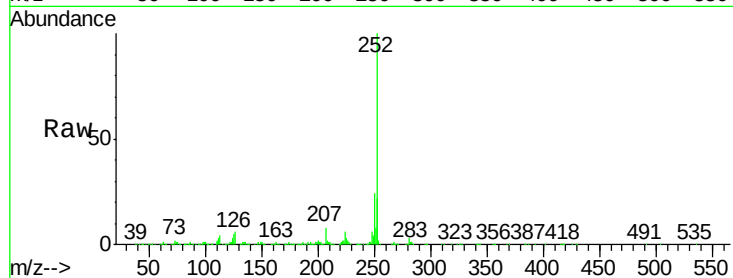
Tgt Ion:252 Resp: 1040460

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

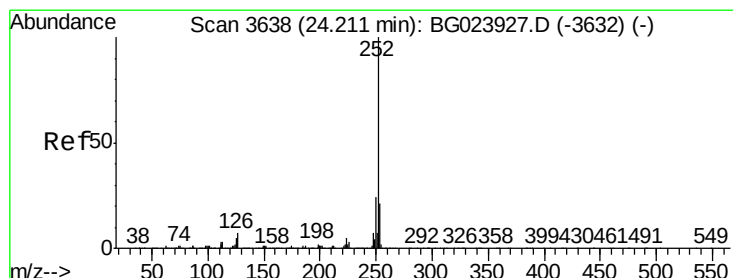
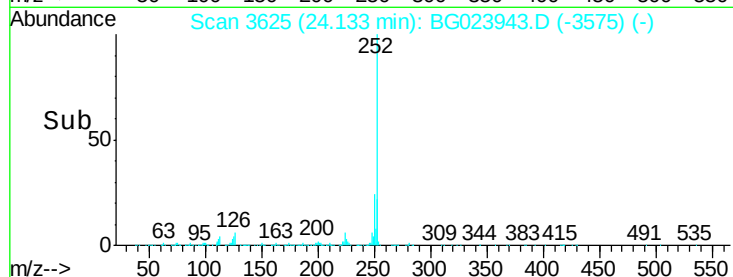
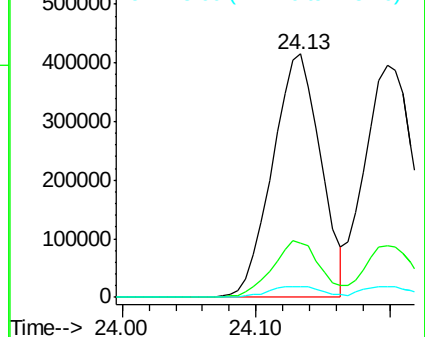
125 4.5 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 53.26 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

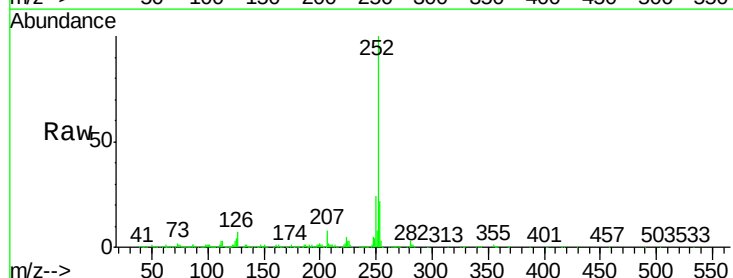
Tgt Ion:252 Resp: 1011532

Ion Ratio Lower Upper

252 100

253 22.4 18.8 28.2

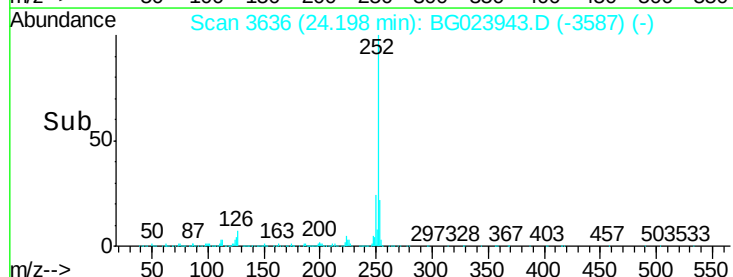
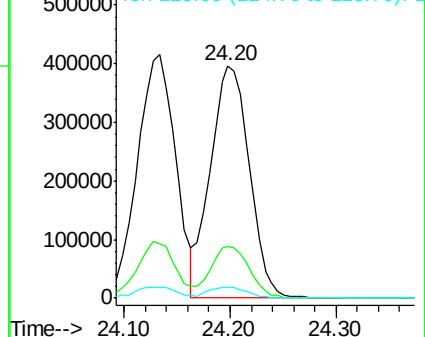
125 4.5 3.2 4.8

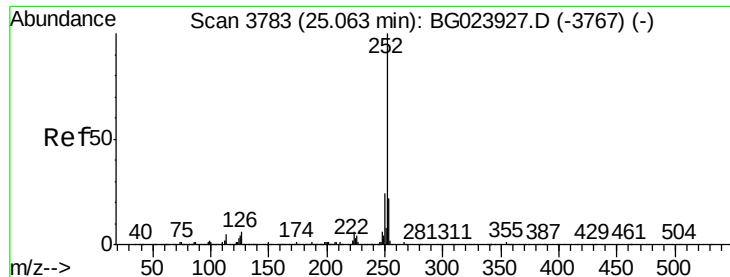


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 55.14 ng

RT: 25.04 min Scan# 3780

Delta R.T. -0.02 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

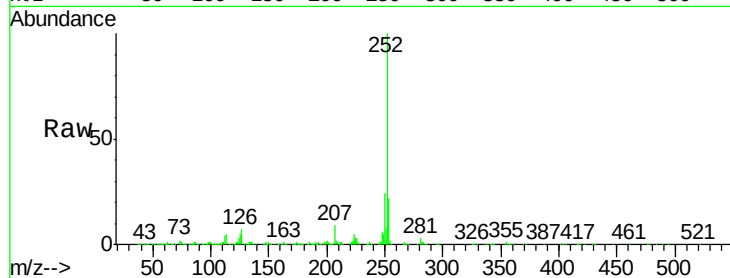
Tgt Ion:252 Resp: 1002951

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

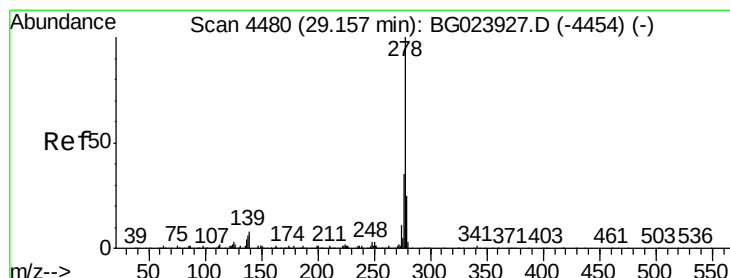
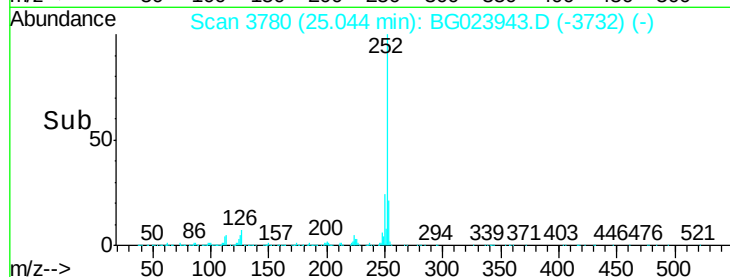
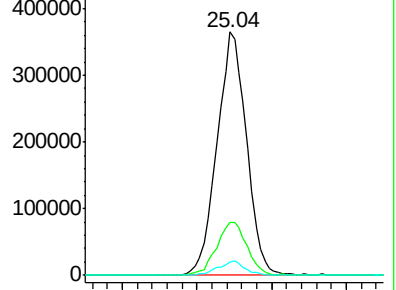
125 5.3 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 52.23 ng

RT: 29.13 min Scan# 4476

Delta R.T. -0.02 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

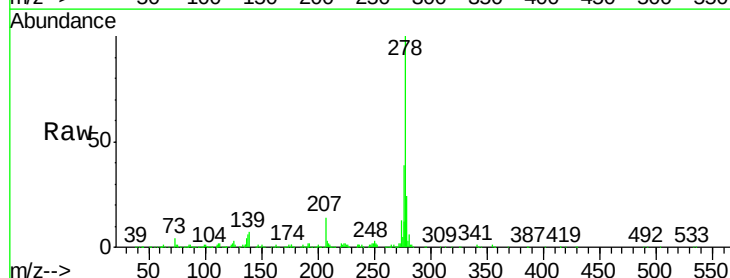
Tgt Ion:278 Resp: 934239

Ion Ratio Lower Upper

278 100

139 6.9 4.7 7.1

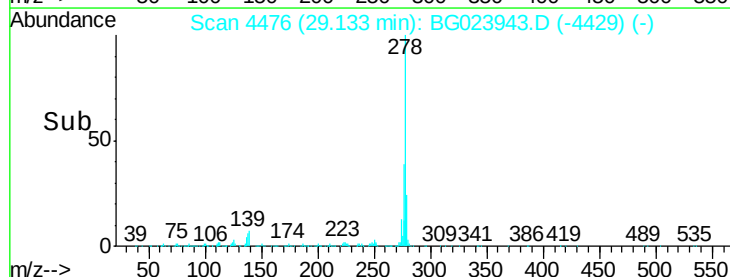
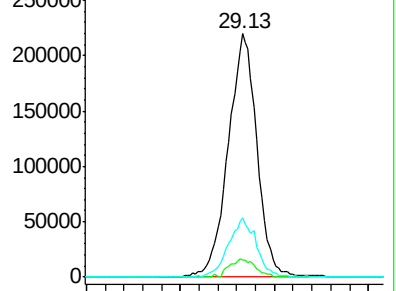
279 24.3 18.3 27.5

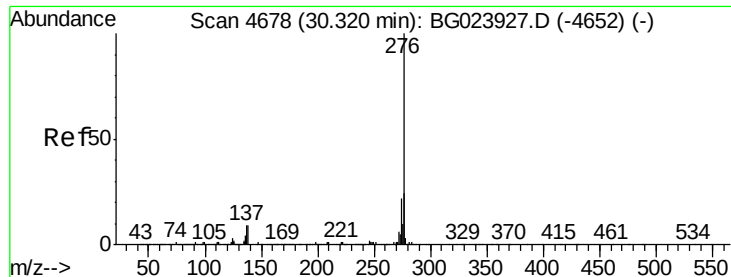


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 54.36 ng

RT: 30.29 min Scan# 4673

Delta R.T. -0.03 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

Tgt Ion:276 Resp: 935117

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 8.4 6.8 10.2

