

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 01:04:20 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	13475	17.05	ng	92
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

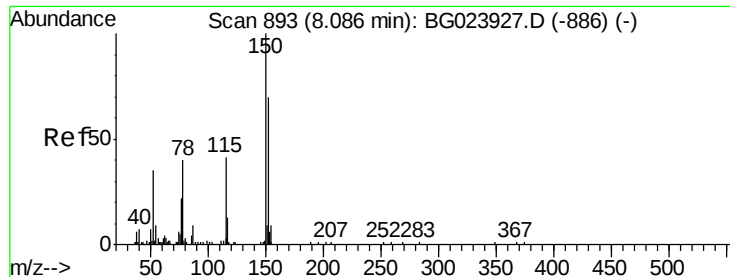
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	118890	47.24	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	128117	50.36	ng #	93
45) 1,1'-Biphenyl	13.58	154	368275	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
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

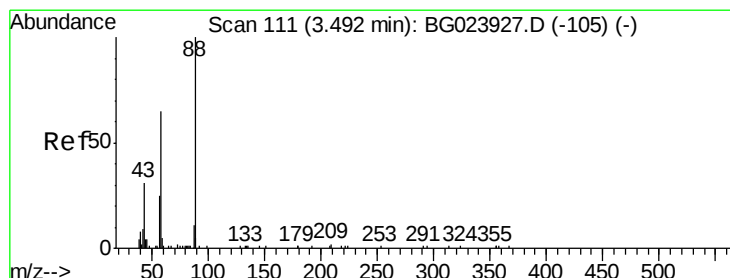
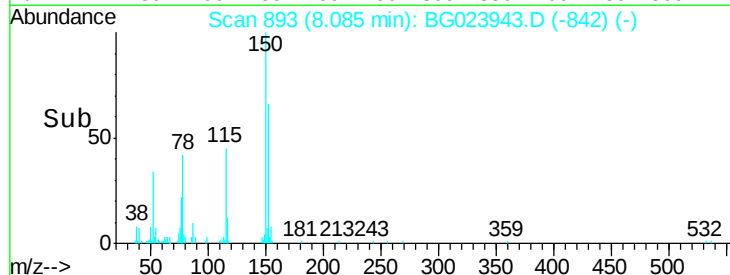
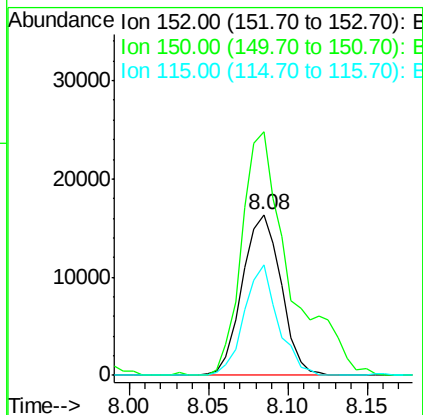
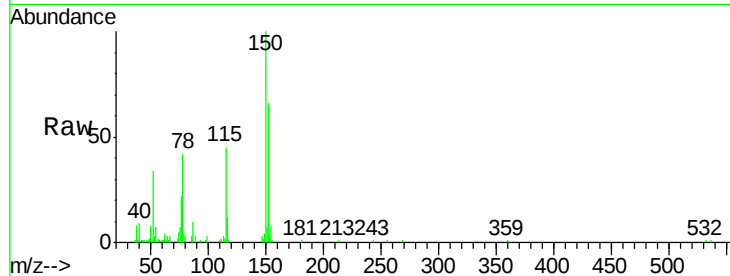


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.08 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

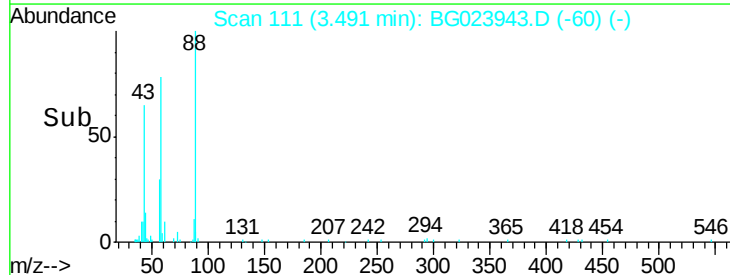
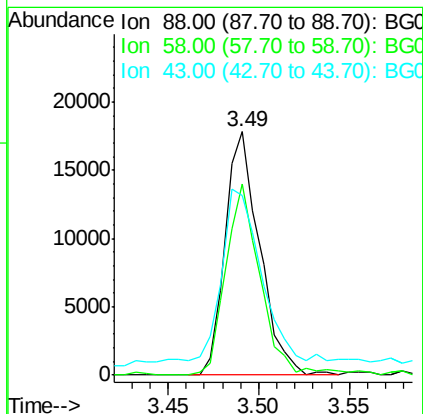
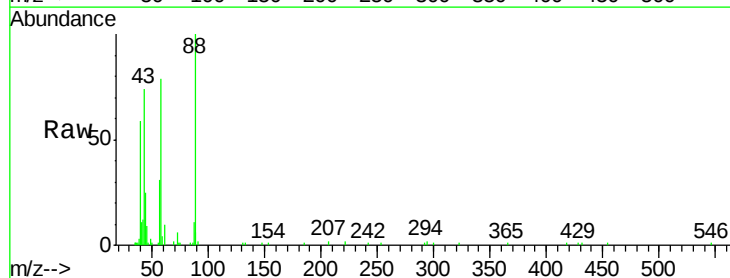
Tgt Ion:152 Resp: 27791
Ion Ratio Lower Upper
152 100
150 151.5 144.7 217.1
115 68.8 64.0 96.0

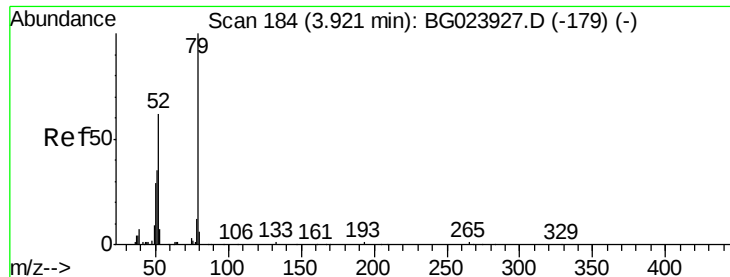


#2

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#





#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

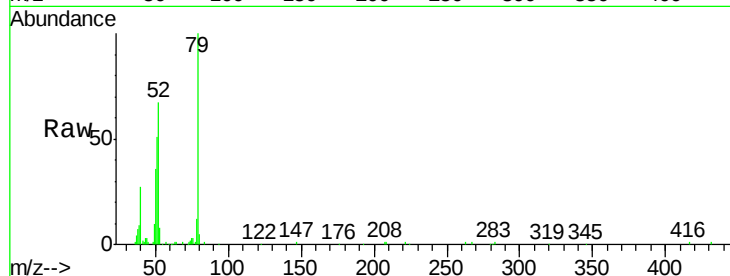
Tgt Ion: 79 Resp: 69674

Ion Ratio Lower Upper

79 100

52 66.9 51.8 77.8

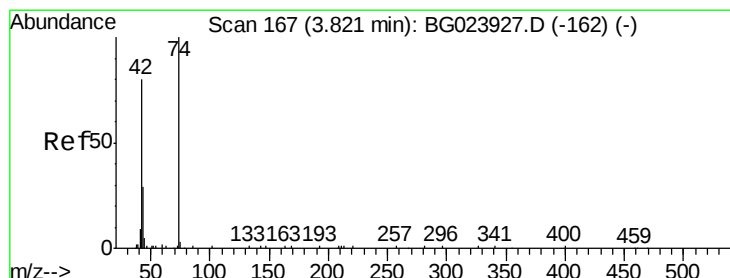
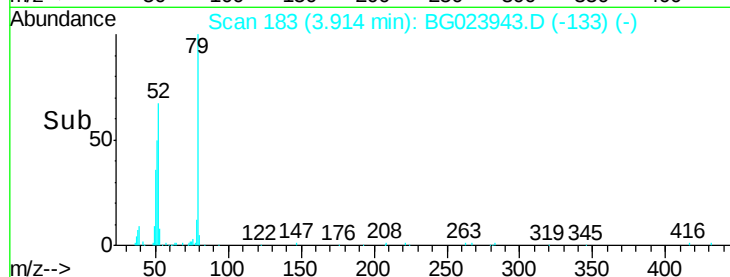
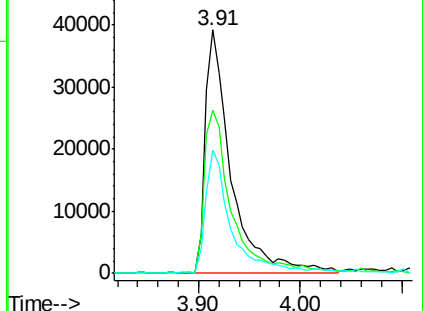
51 50.8 32.7 49.1#



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

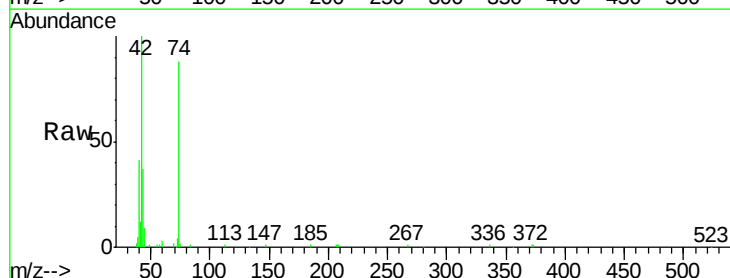
Tgt Ion: 42 Resp: 59176

Ion Ratio Lower Upper

42 100

74 88.5 100.6 150.8#

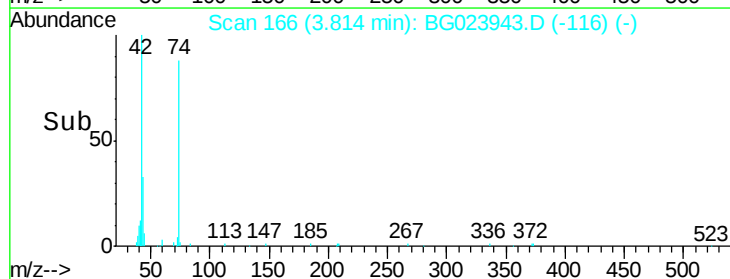
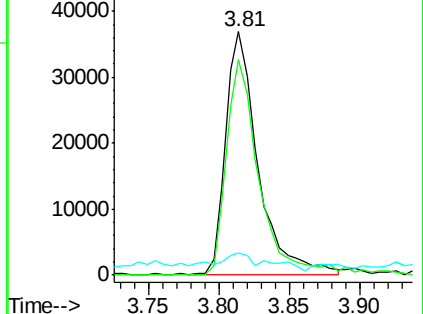
44 9.2 4.5 6.7#

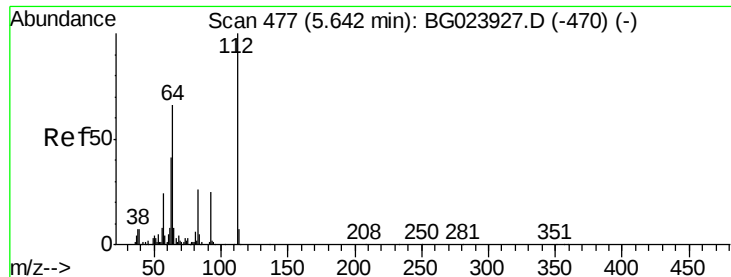


Abundance Ion 42.00 (41.70 to 42.70): BGC

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 :

BNA_G

ClientSampleId :

11FT-SOILMS

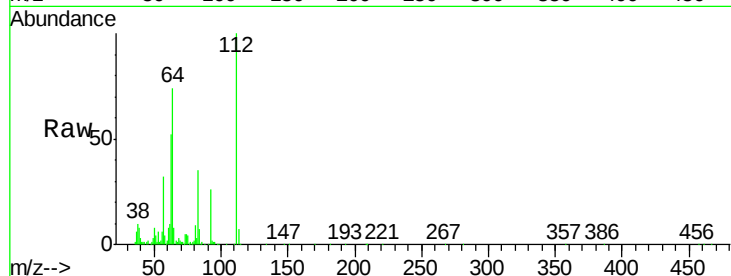
Tgt Ion: 112 Resp: 220016

Ion Ratio Lower Upper

112 100

64 74.4 59.0 88.4

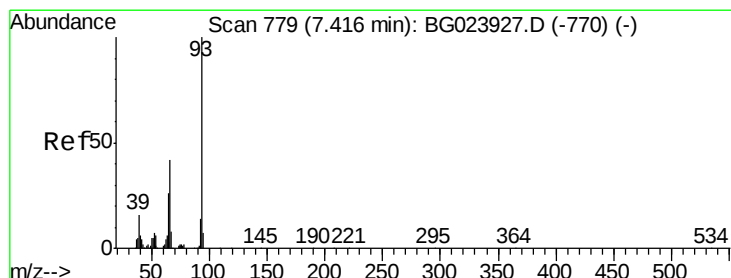
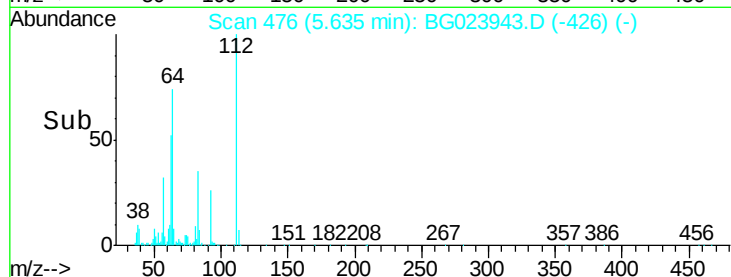
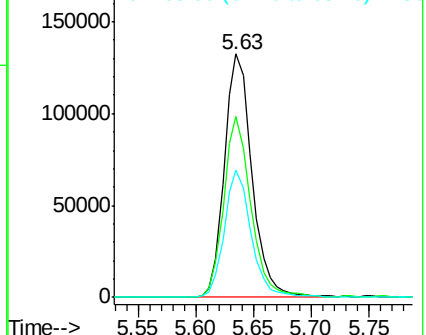
63 52.2 37.8 56.8



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

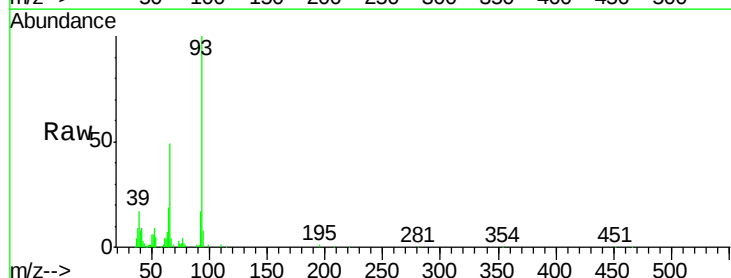
Tgt Ion: 93 Resp: 80855

Ion Ratio Lower Upper

93 100

66 48.7 37.5 56.3

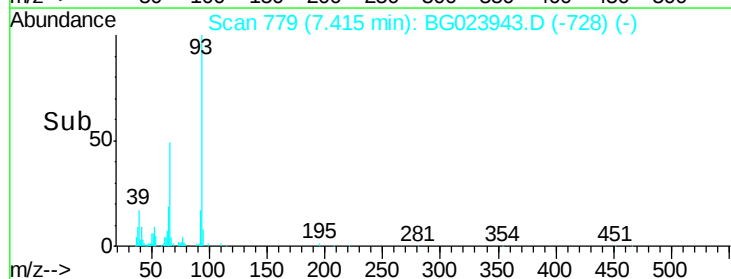
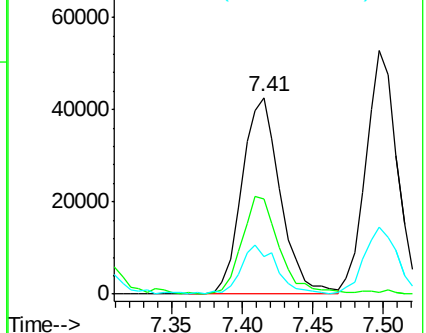
65 18.8 17.9 26.9

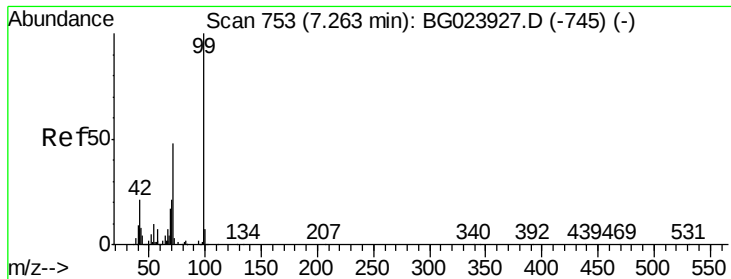


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

Acq: 1 Sep 2016 21:43

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ClientSampleId :

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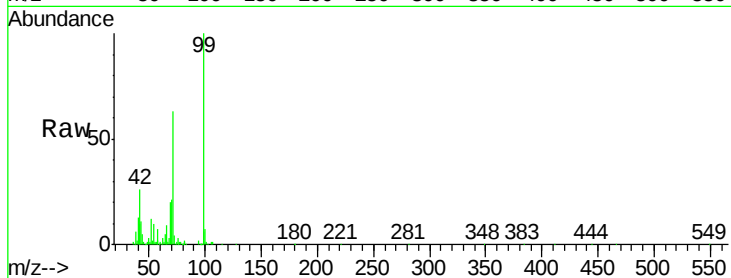
Tgt Ion: 99 Resp: 327615

Ion Ratio Lower Upper

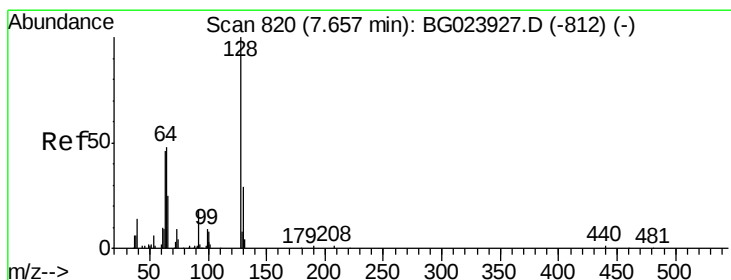
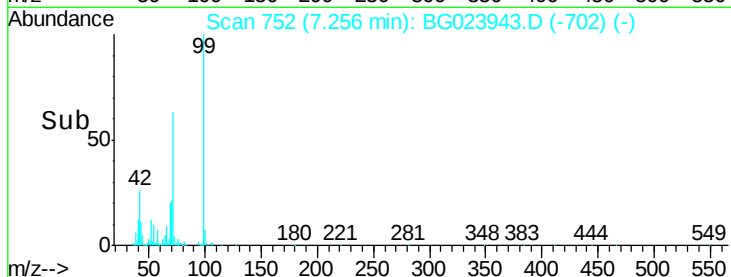
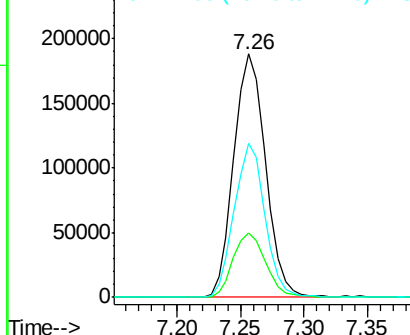
99 100

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

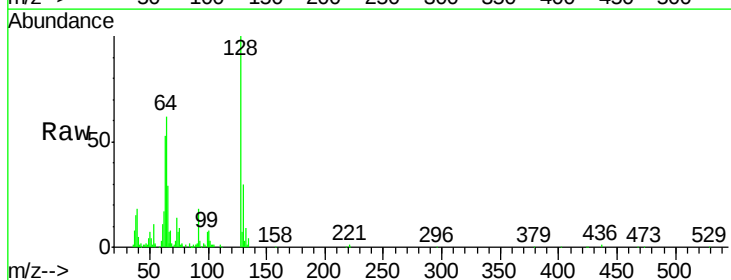
Tgt Ion: 128 Resp: 91463

Ion Ratio Lower Upper

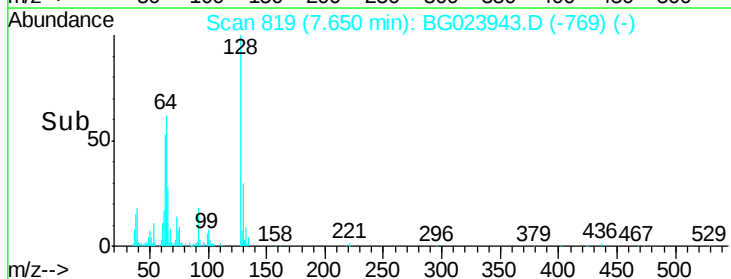
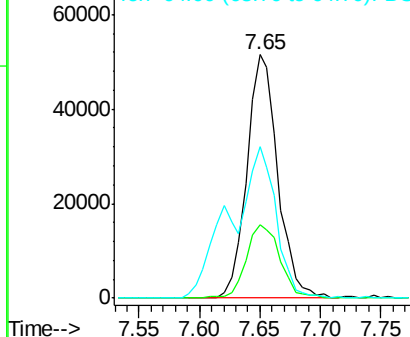
128 100

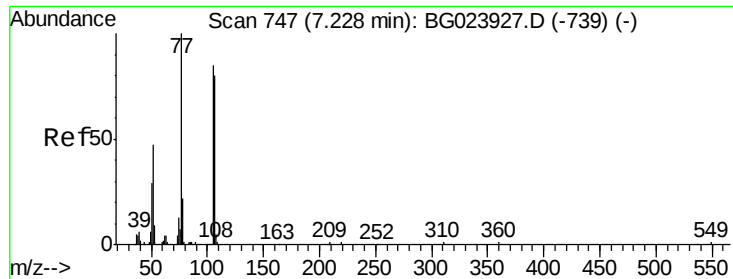
130 30.0 12.9 52.9

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

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

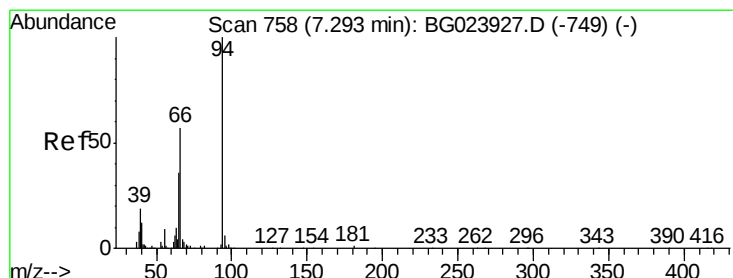
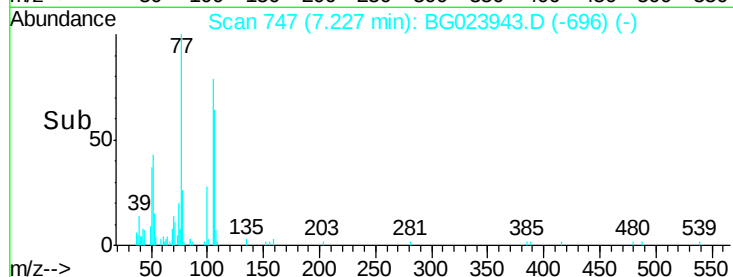
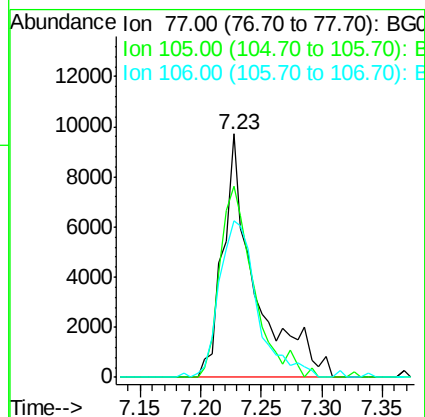
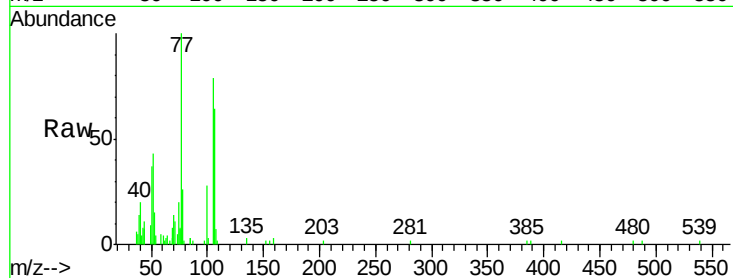
Tgt Ion: 77 Resp: 17894

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

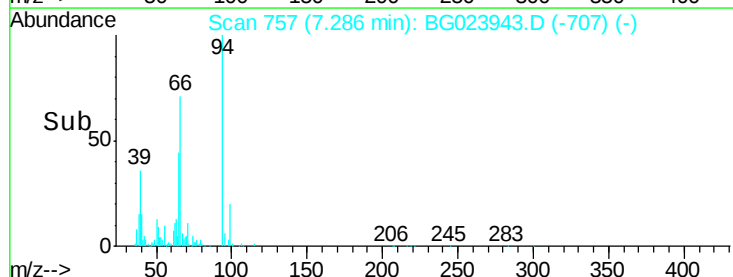
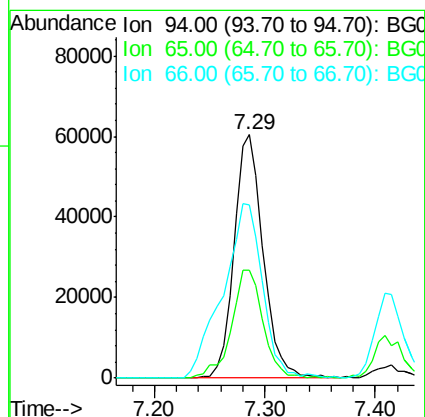
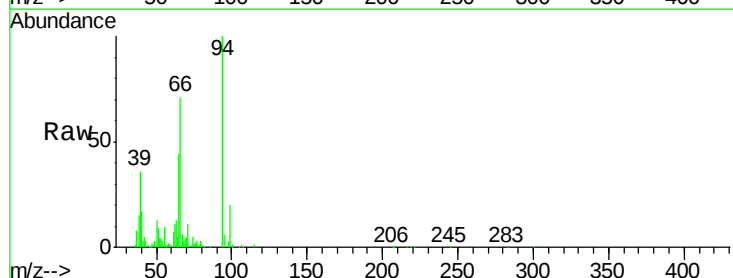
Tgt Ion: 94 Resp: 111640

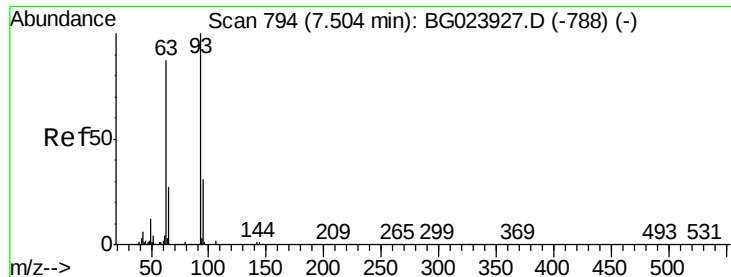
Ion Ratio Lower Upper

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

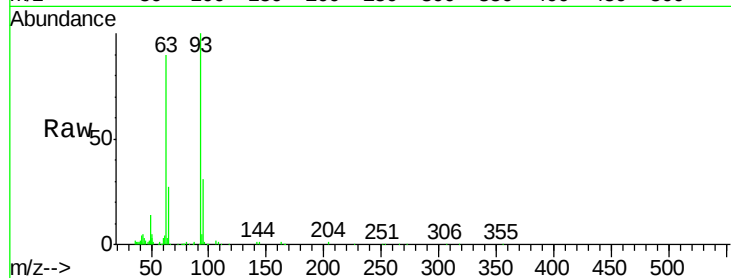
Tgt Ion: 93 Resp: 80591

Ion Ratio Lower Upper

93 100

63 89.9 55.0 95.0

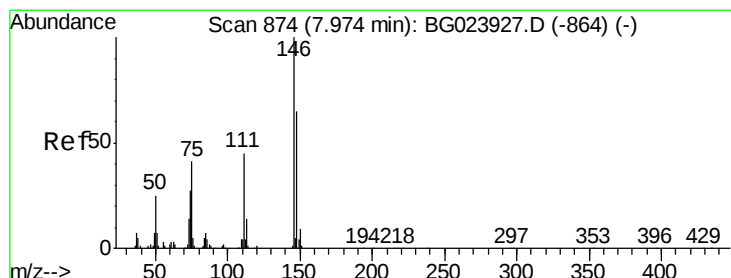
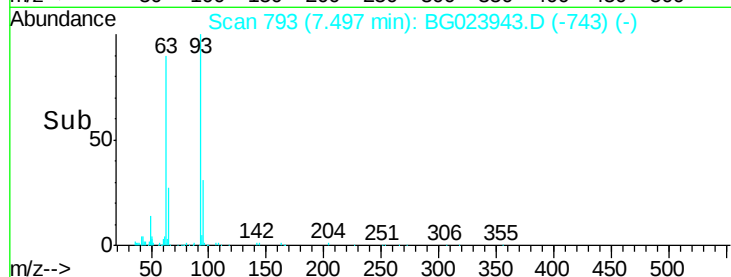
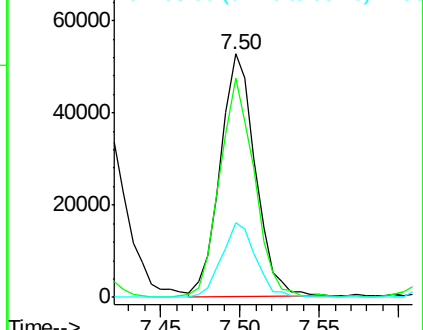
95 30.7 11.0 51.0



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#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

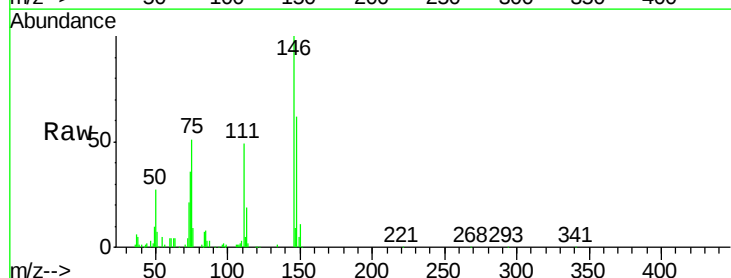
Tgt Ion: 146 Resp: 91964

Ion Ratio Lower Upper

146 100

148 62.4 50.3 75.5

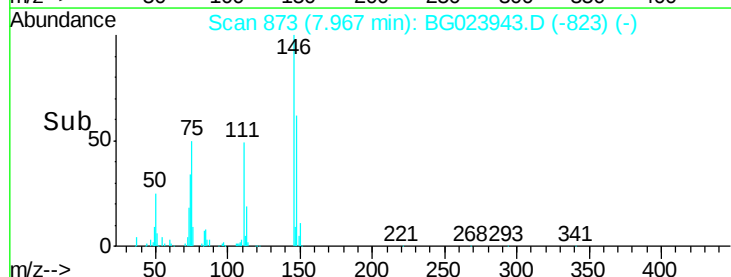
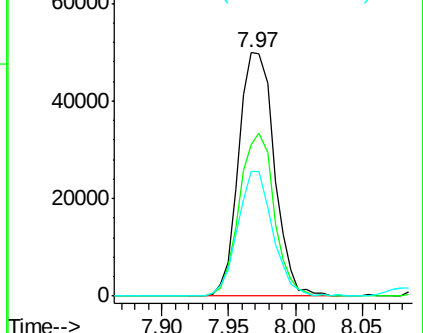
75 51.2 37.0 55.6

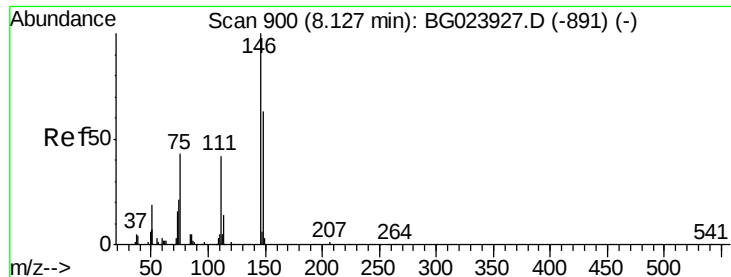


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

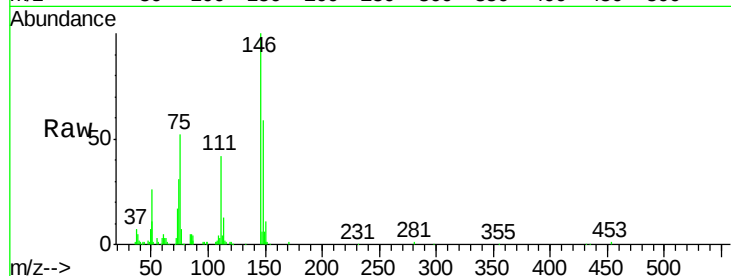




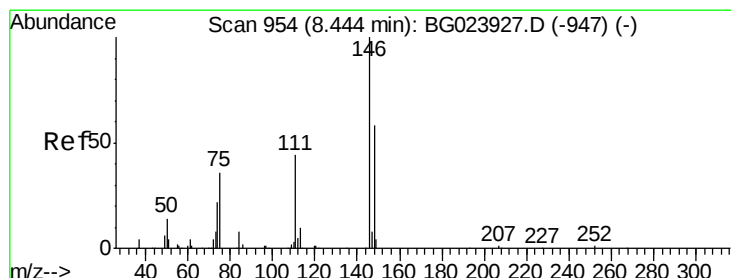
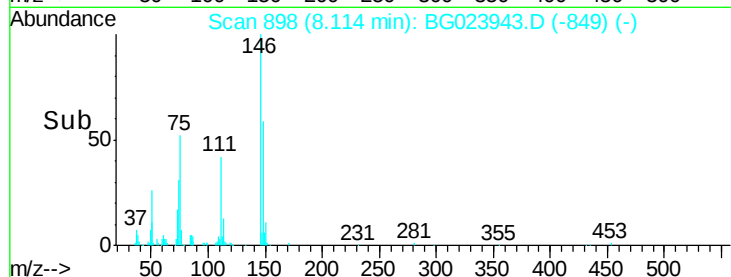
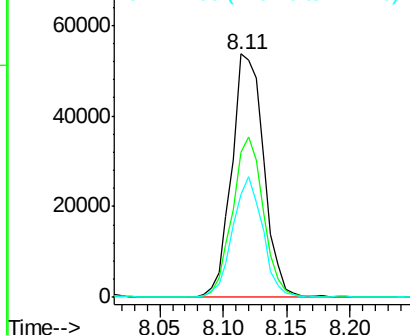
#13
 1,4-Dichlorobenzene
 Concen: 41.19 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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

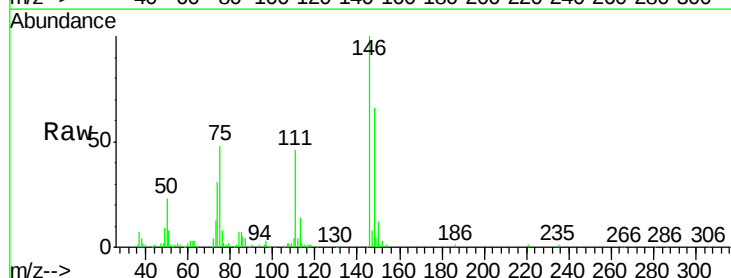


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

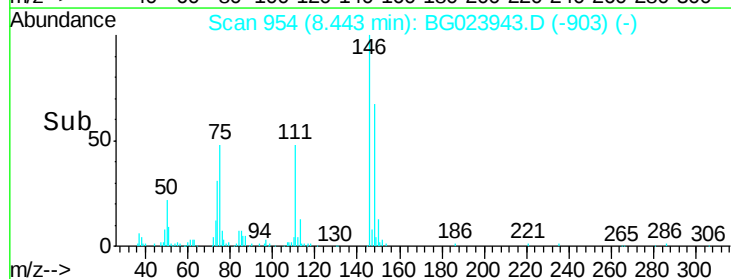
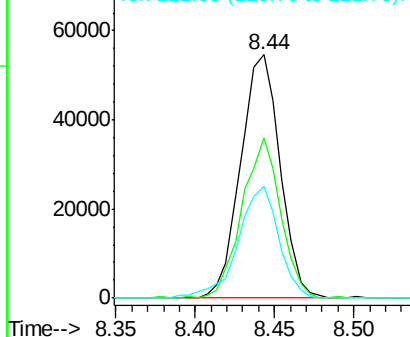


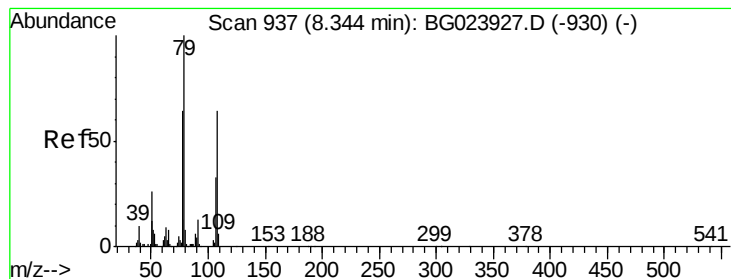
#14
 1,2-Dichlorobenzene
 Concen: 44.11 ng
 RT: 8.44 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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



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





#15

Benzyl Alcohol

Concen: 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

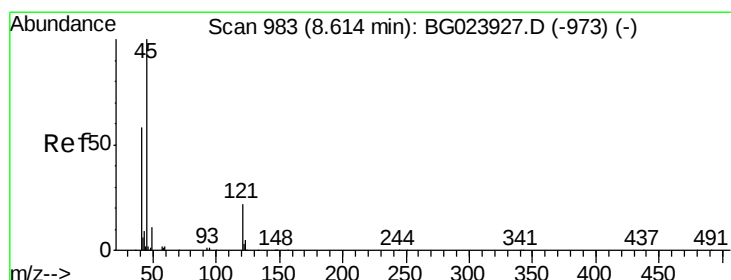
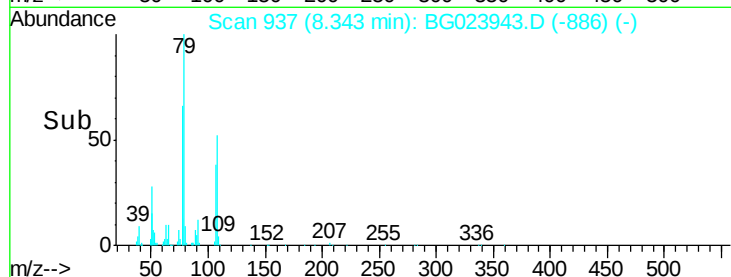
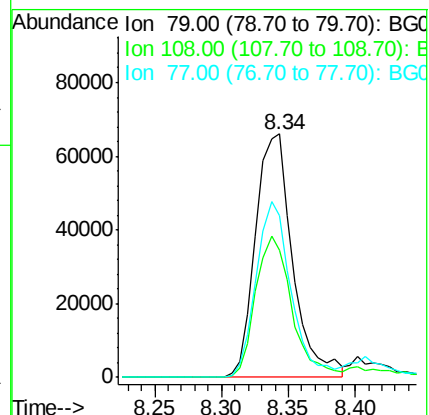
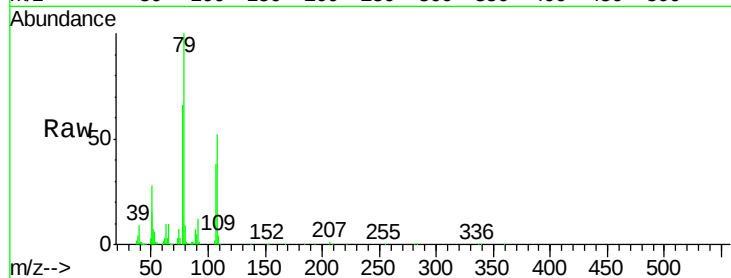
Tgt Ion: 79 Resp: 126949

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

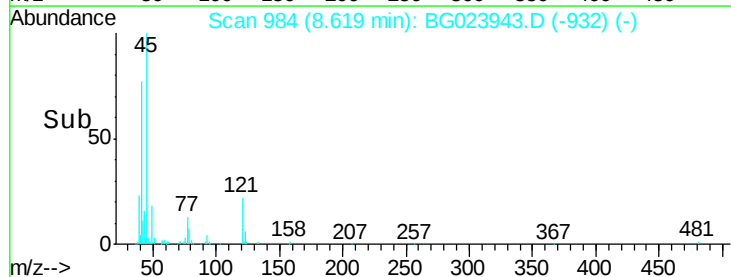
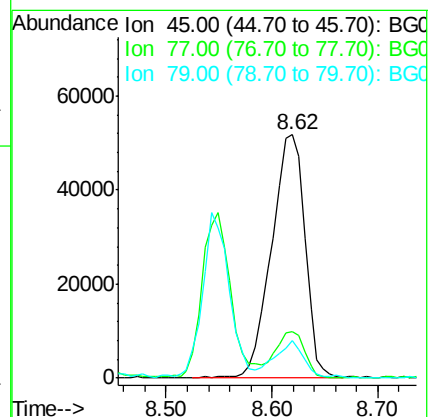
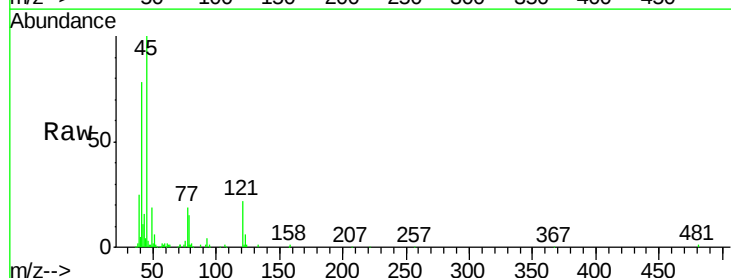
Tgt Ion: 45 Resp: 113419

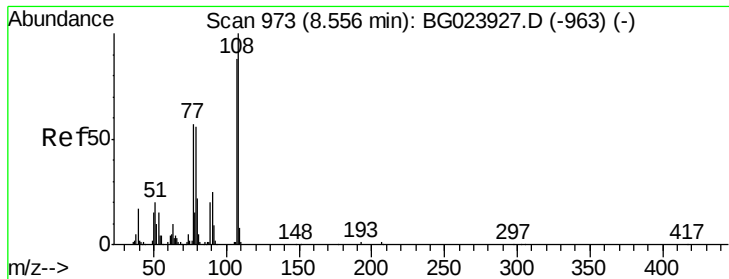
Ion Ratio Lower Upper

45 100

77 19.3 0.6 40.6

79 15.3 0.0 36.2

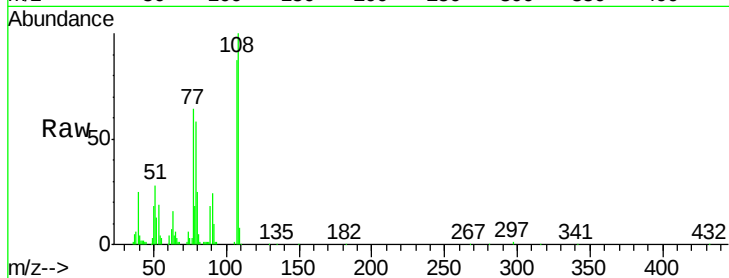




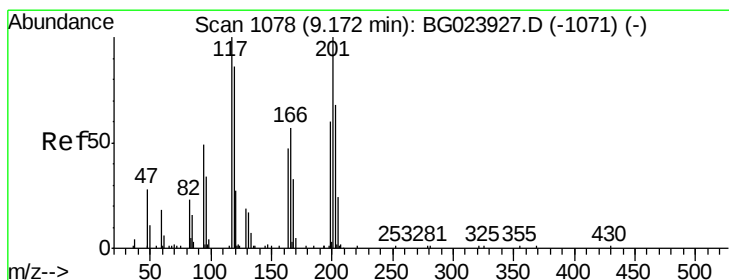
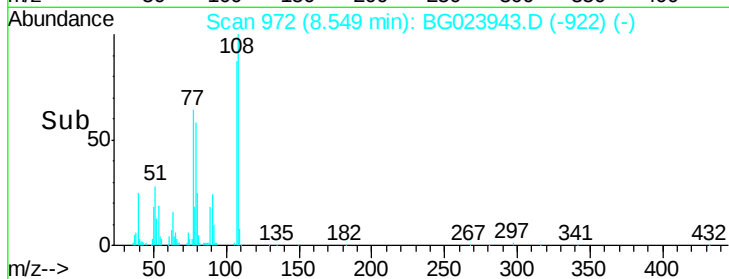
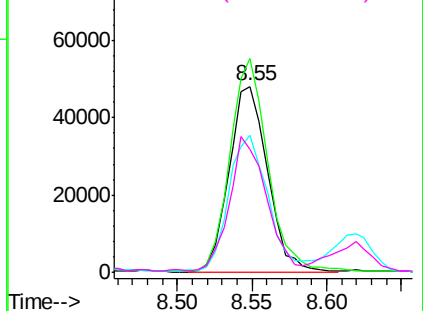
#17
2-Methylphenol
Concen: 50.32 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

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

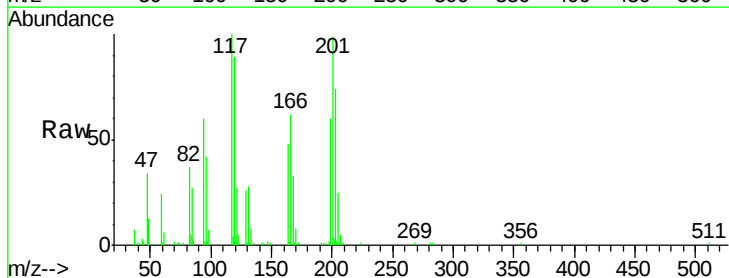


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

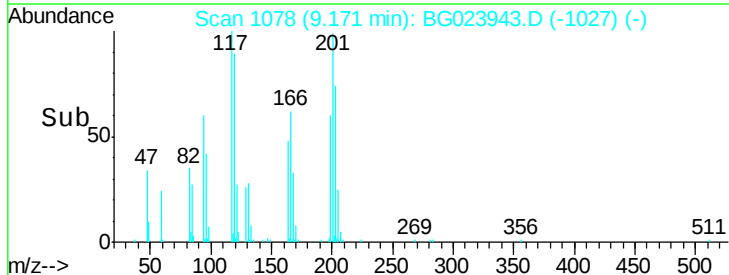
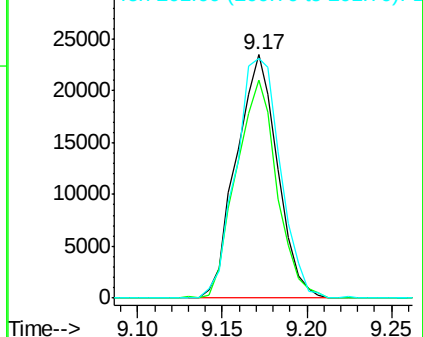


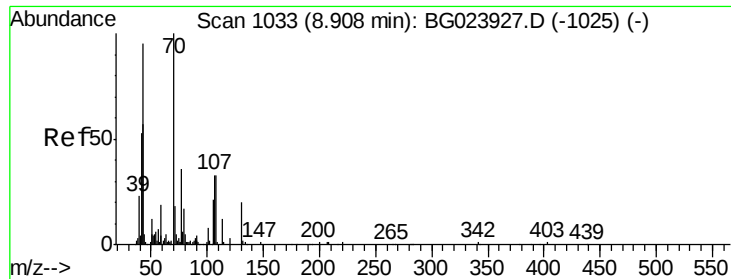
#18
Hexachloroethane
Concen: 45.31 ng
RT: 9.17 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

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

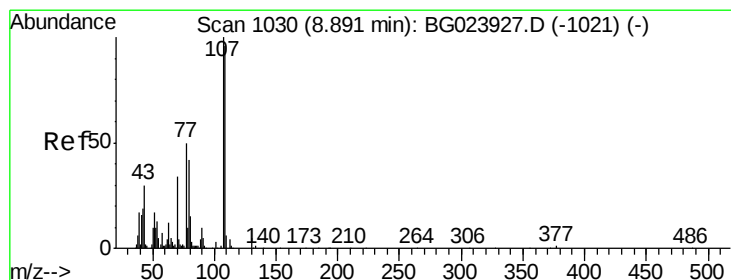
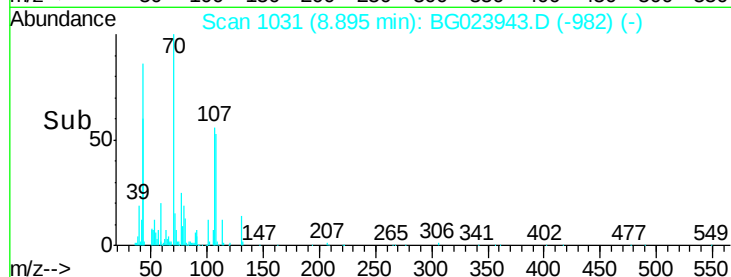
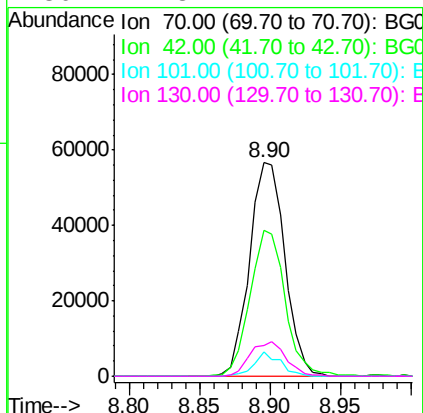
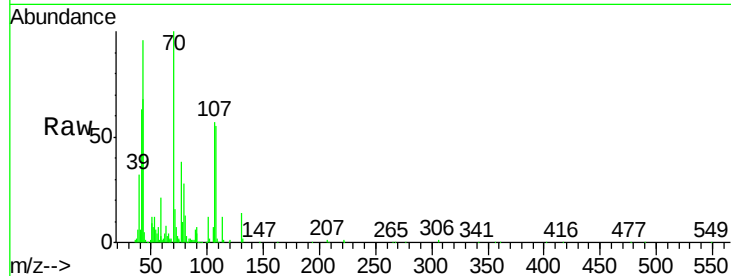




#19
n-Nitroso-di-n-propylamine
Concen: 45.94 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

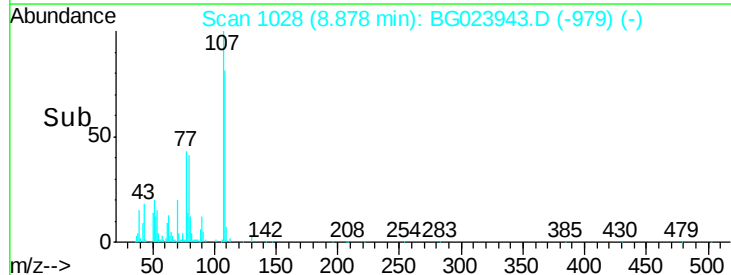
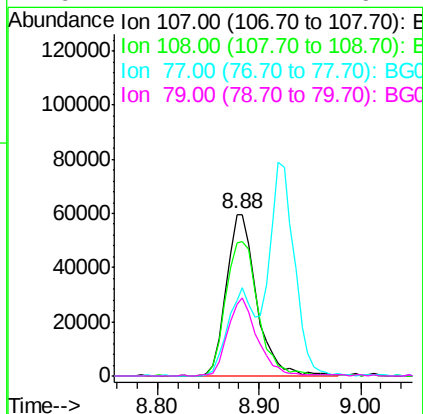
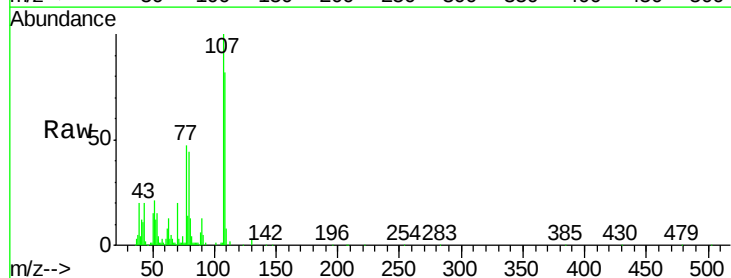
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

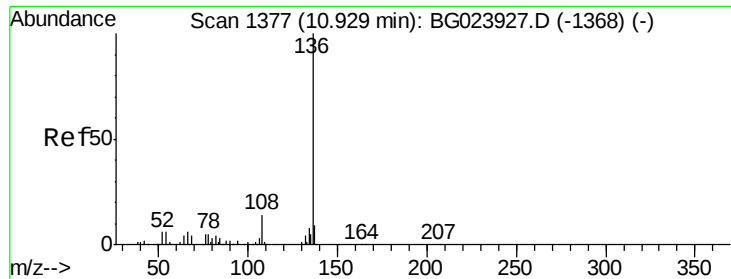
Tgt Ion: 70 Resp: 98887
Ion Ratio Lower Upper
70 100
42 68.2 42.1 63.1#
101 11.5 7.2 10.8#
130 14.3 14.2 21.2



#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

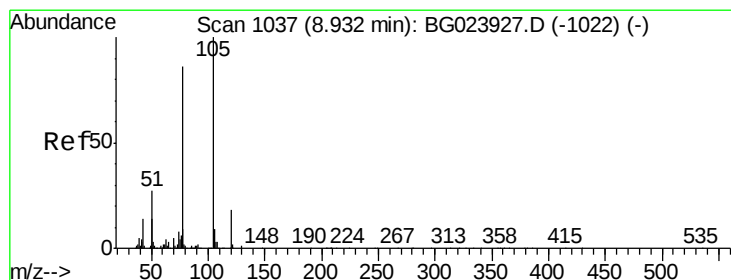
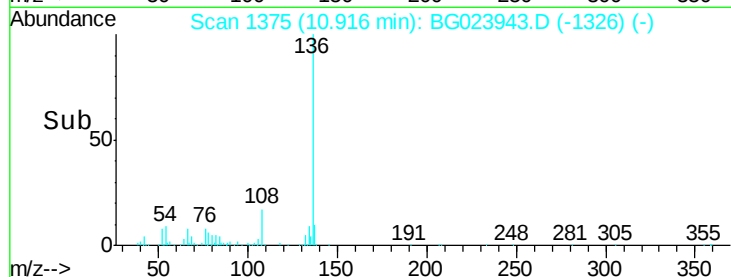
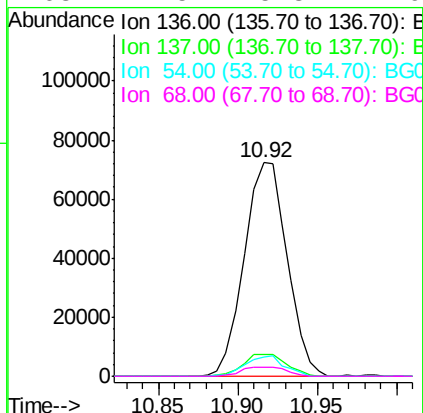
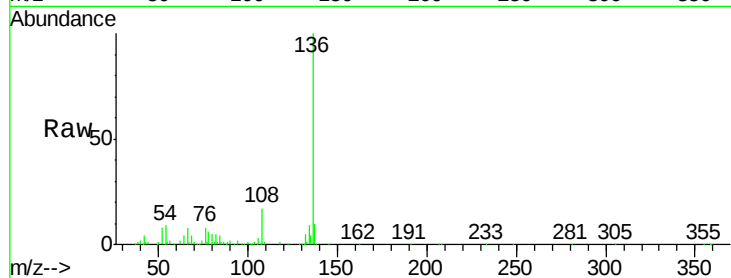




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

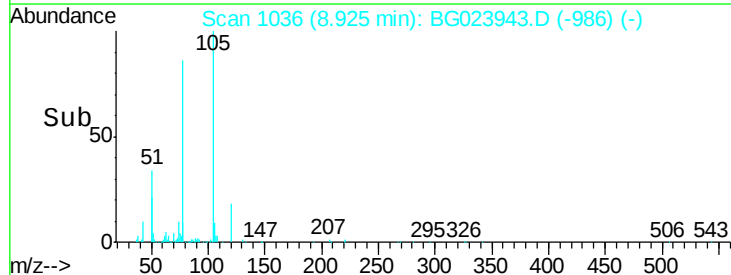
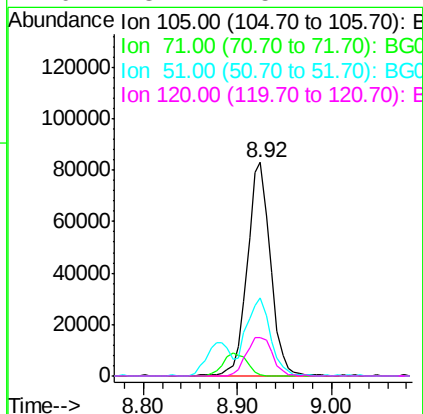
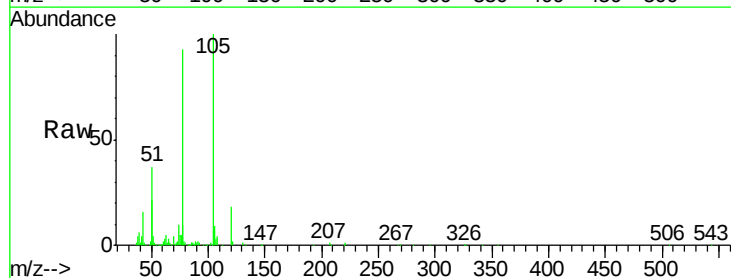
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

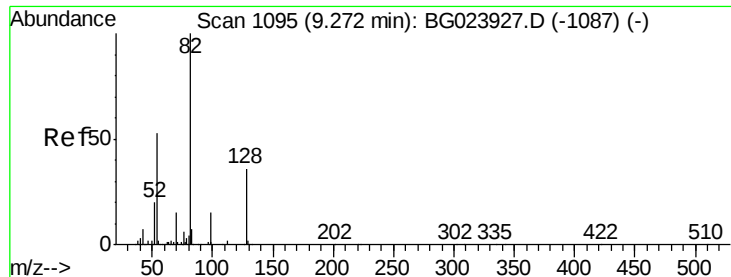
Tgt Ion:	136	Resp:	135983
Ion	Ratio	Lower	Upper
136	100		
137	10.4	9.6	14.4
54	9.2	7.3	10.9
68	4.5	5.3	7.9#



#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

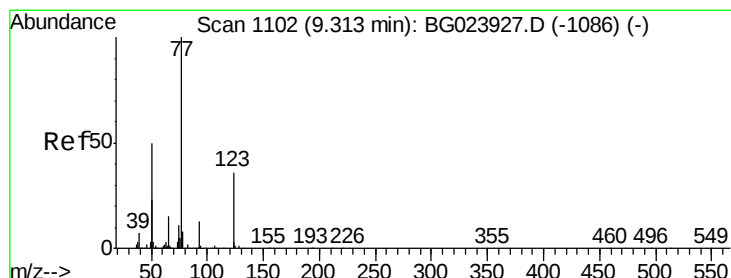
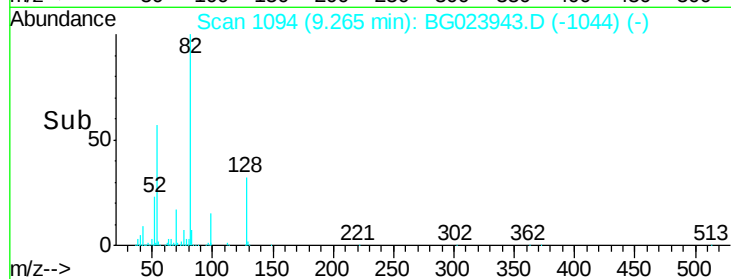
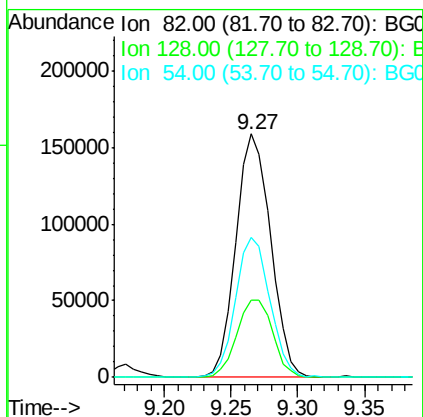
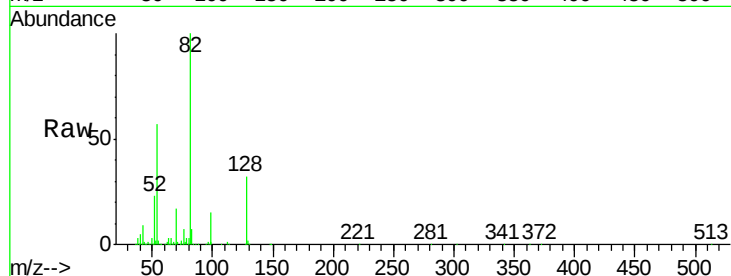




#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

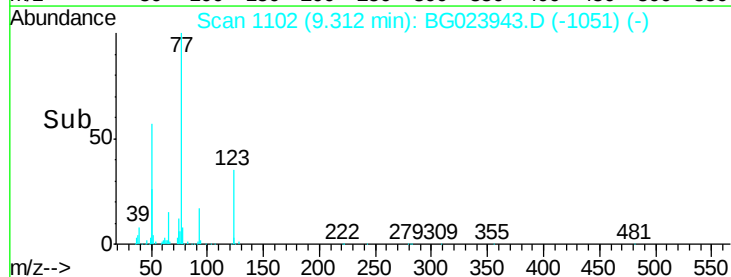
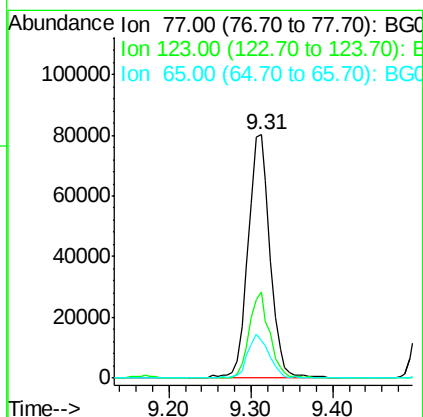
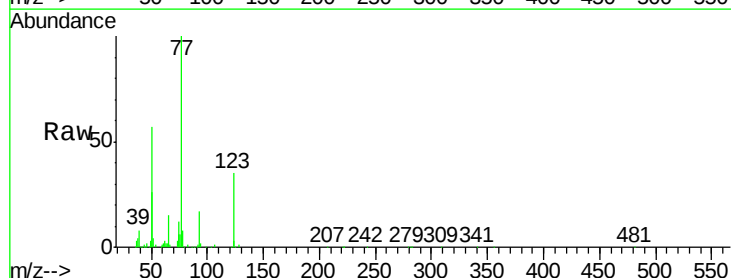
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

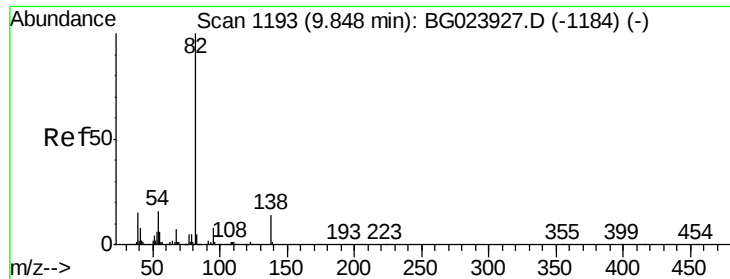
Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.9	24.4	36.6
54	57.3	41.4	62.0



#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

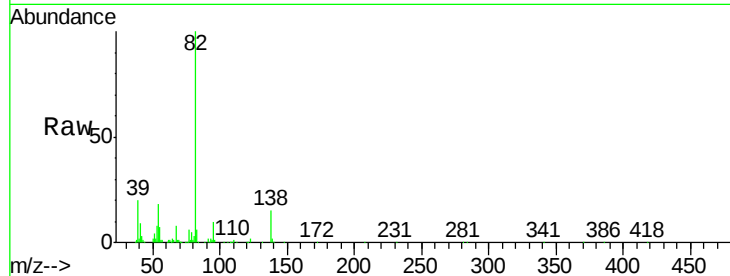
Tgt Ion: 82 Resp: 281918

Ion Ratio Lower Upper

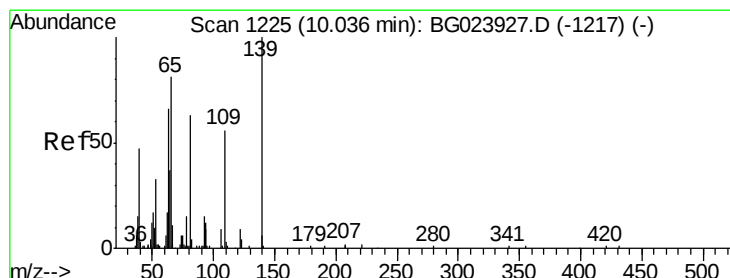
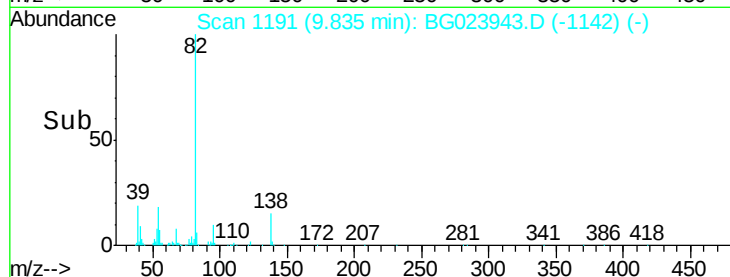
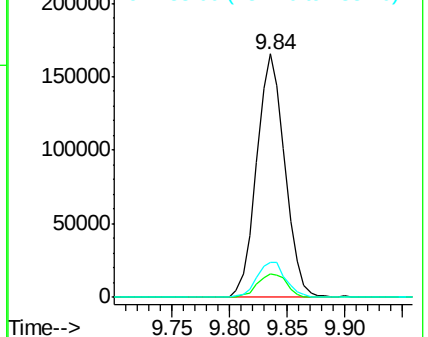
82 100

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

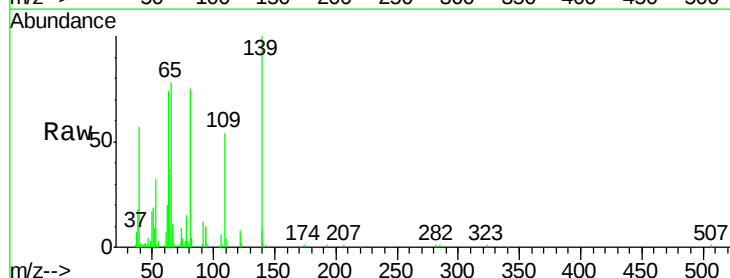
Tgt Ion: 139 Resp: 62739

Ion Ratio Lower Upper

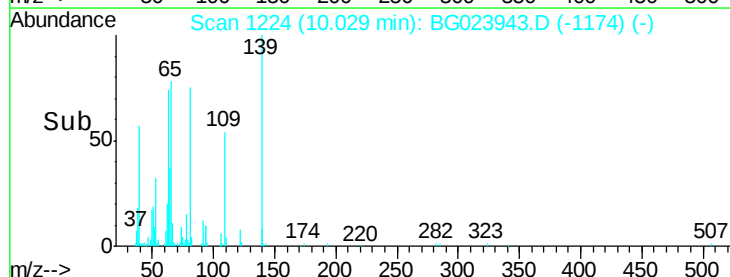
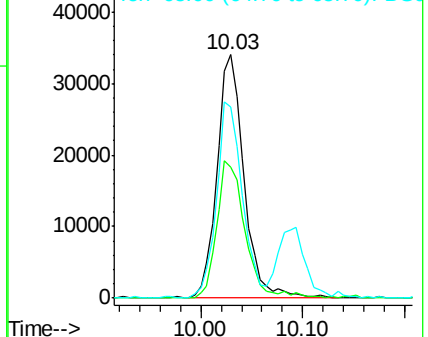
139 100

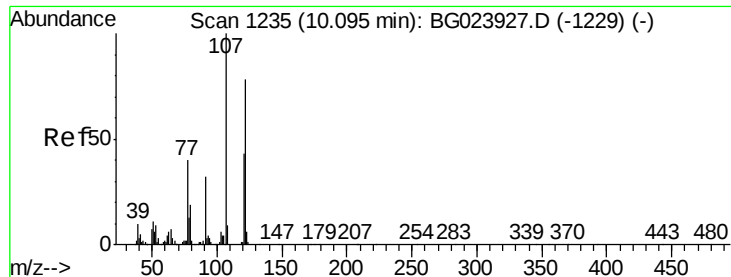
109 53.9 43.5 65.3

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

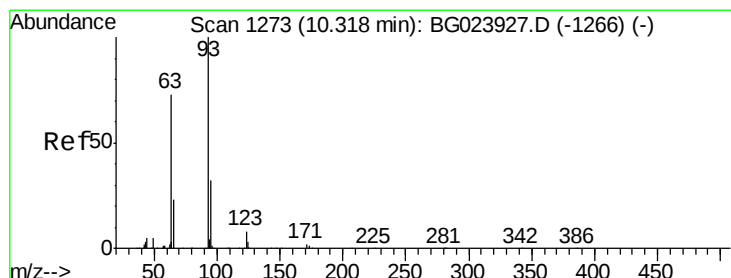
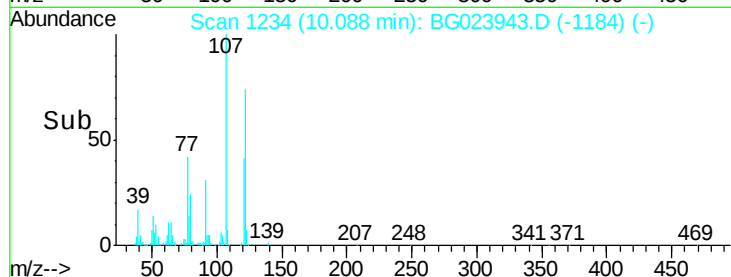
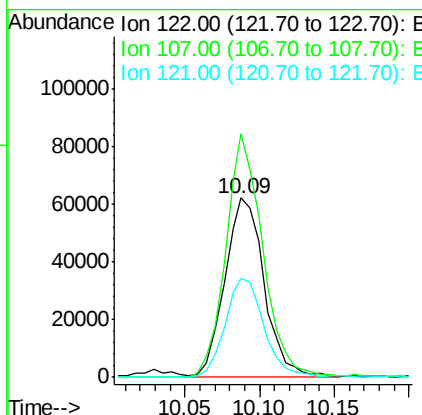
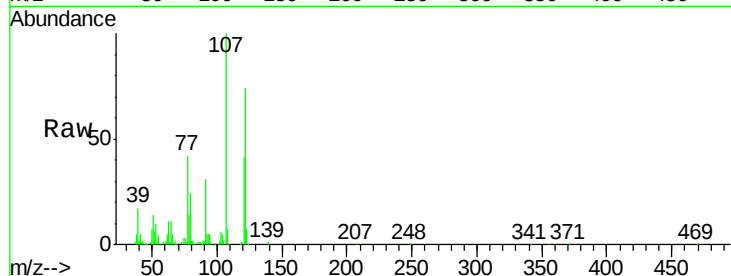




#27
 2,4-Dimethylphenol
 Concen: 53.80 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

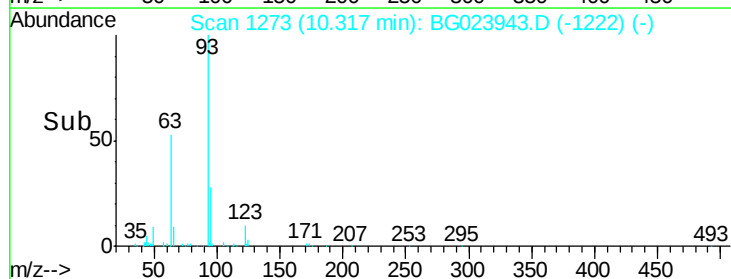
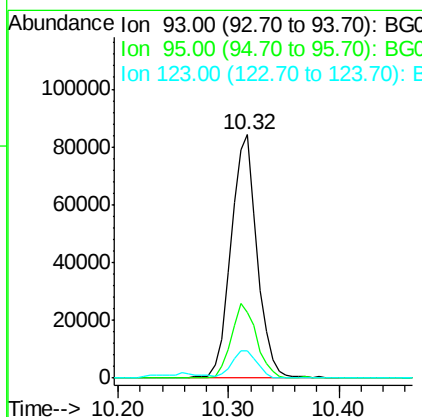
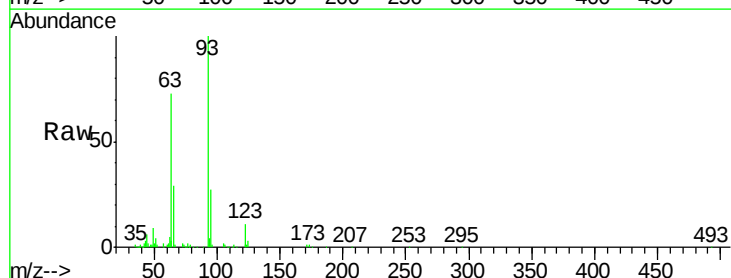
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

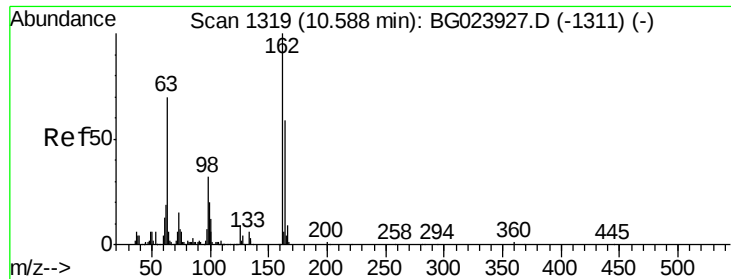
Tgt Ion:122 Resp: 113841
 Ion Ratio Lower Upper
 122 100
 107 135.8 117.0 175.4
 121 55.1 50.1 75.1



#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

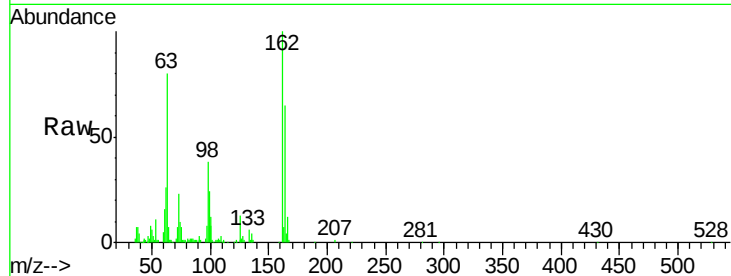




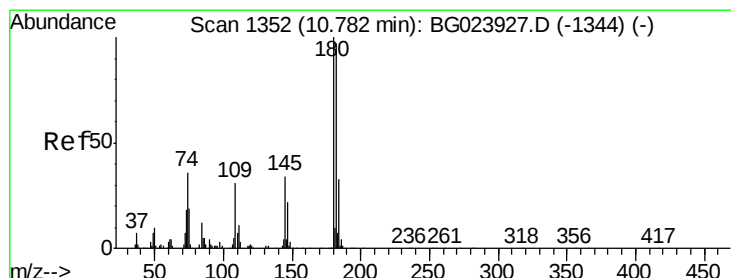
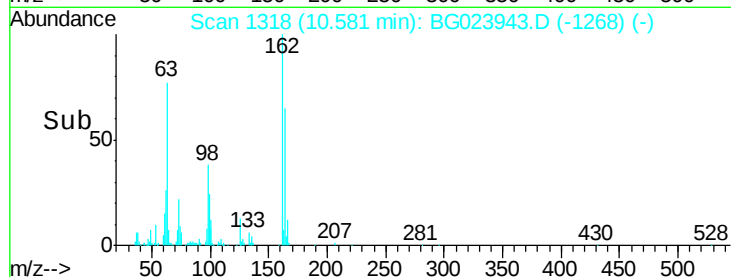
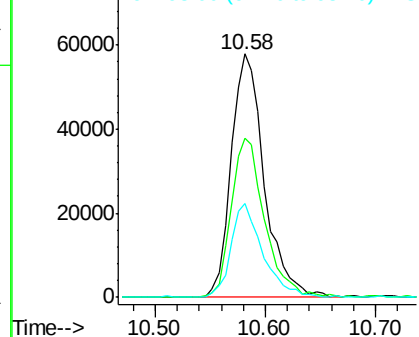
#29
 2,4-Dichlorophenol
 Concen: 54.16 ng
 RT: 10.58 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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

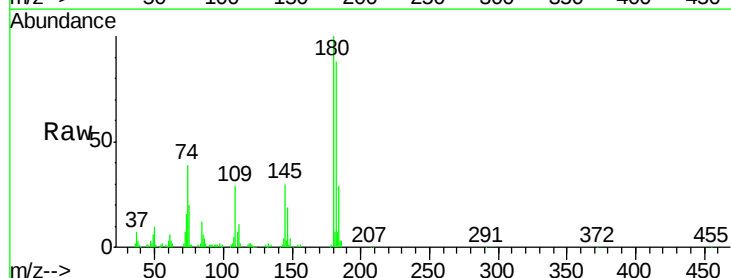


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

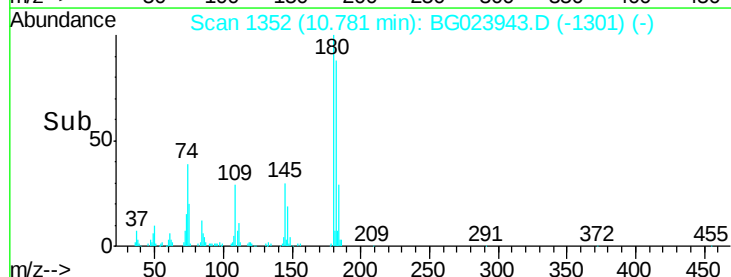
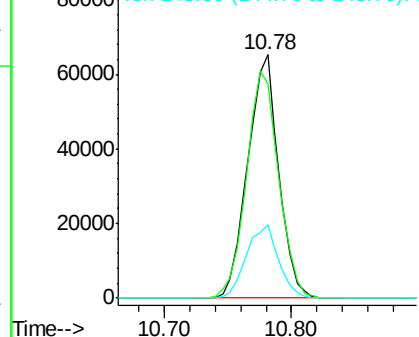


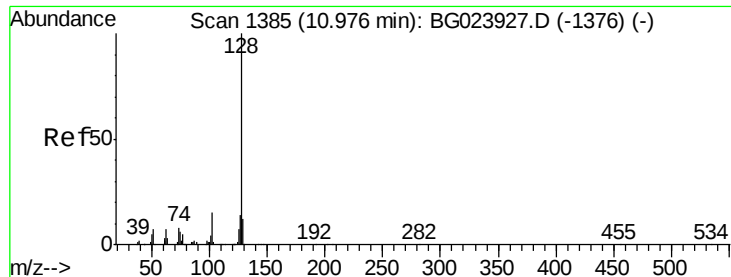
#30
 1,2,4-Trichlorobenzene
 Concen: 44.83 ng
 RT: 10.78 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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



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

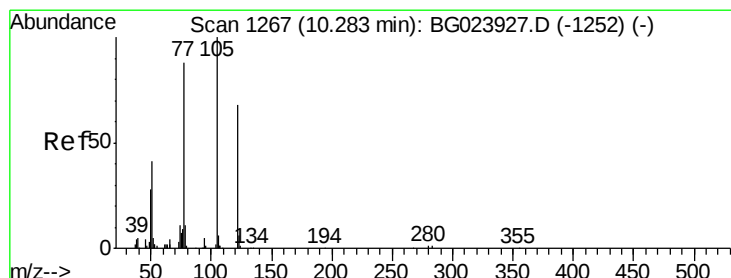
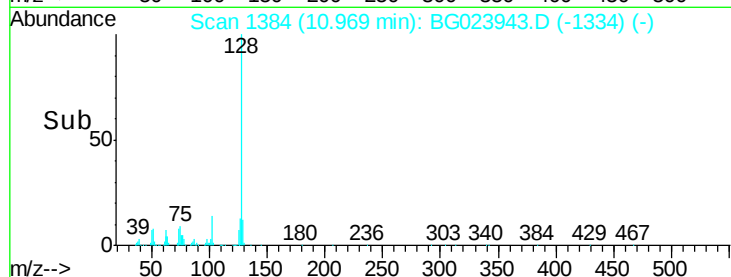
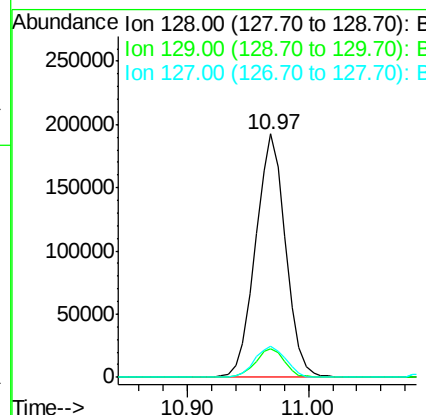
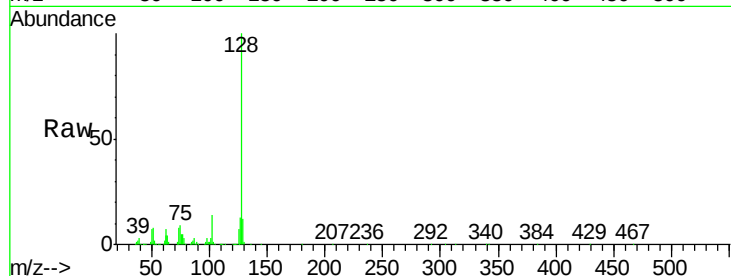




#31
Naphthalene
Concen: 47.69 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

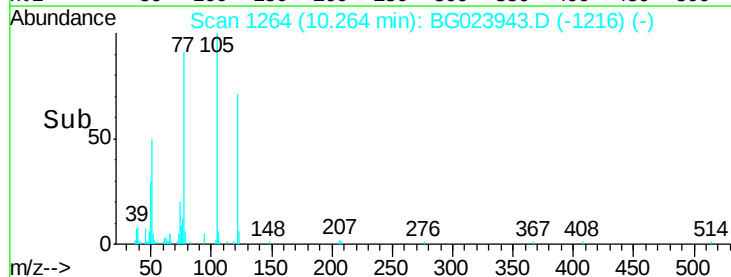
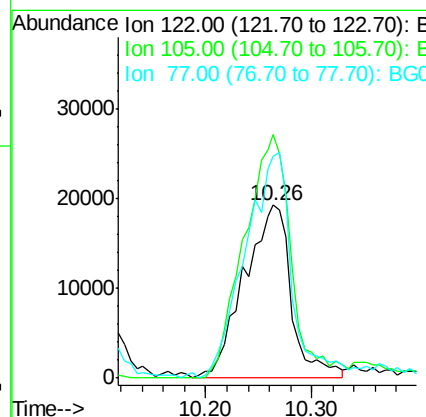
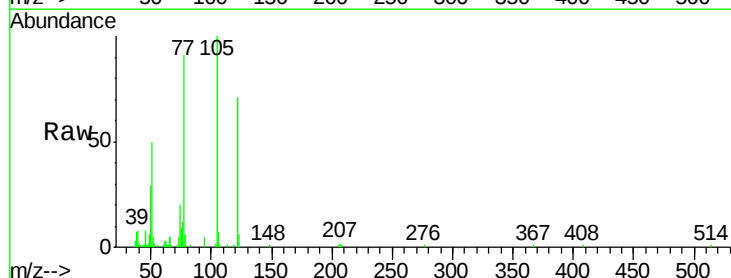
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

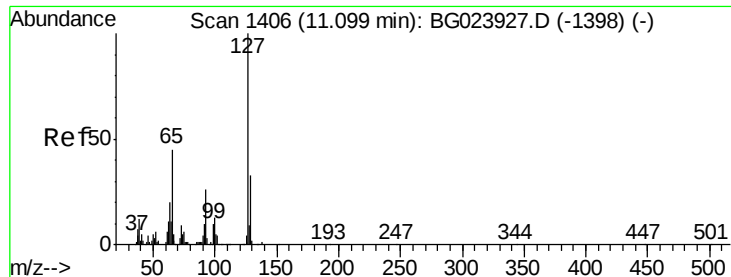
Tgt Ion:128 Resp: 334129
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 12.6 11.3 16.9



#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:122 Resp: 59752
Ion Ratio Lower Upper
122 100
105 140.8 117.2 157.2
77 127.9 109.2 149.2

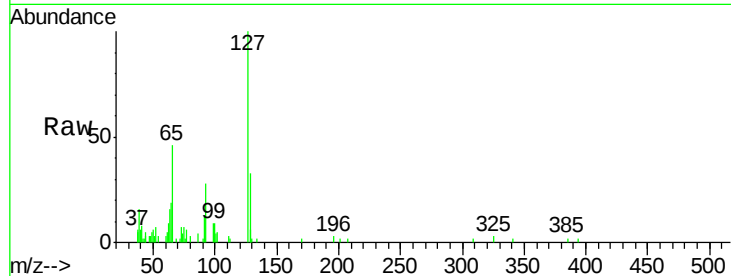




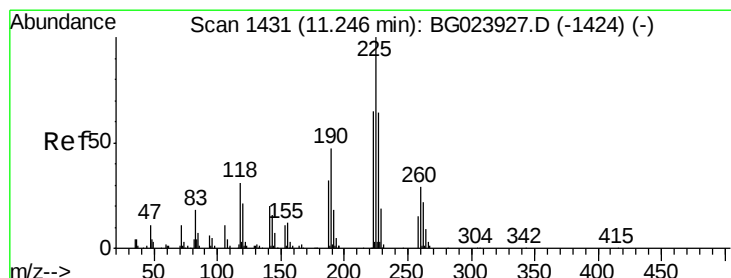
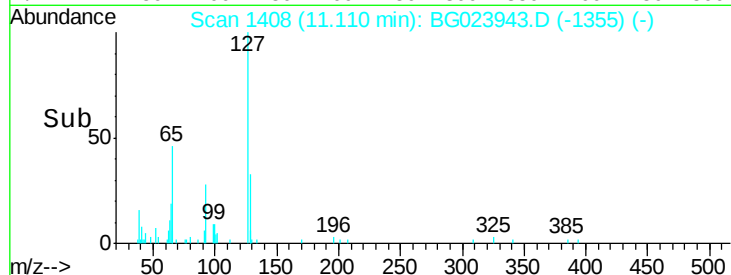
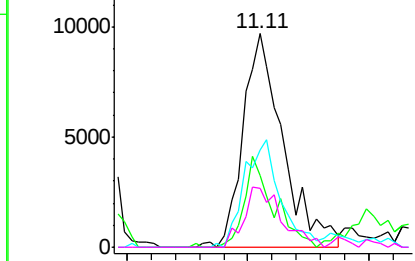
#33
4-Chloroaniline
Concen: 7.62 ng
RT: 11.11 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

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

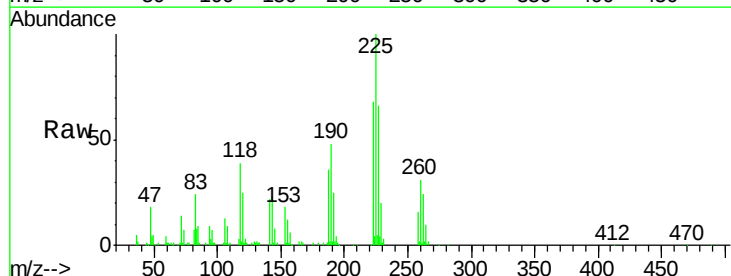


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

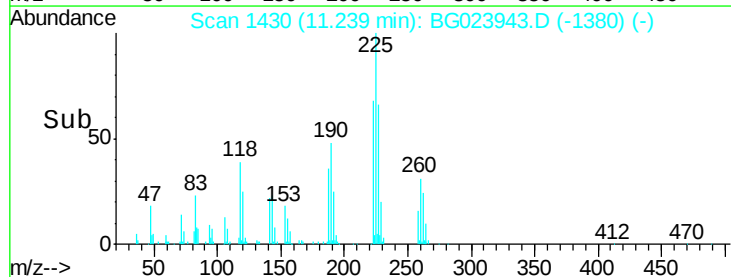
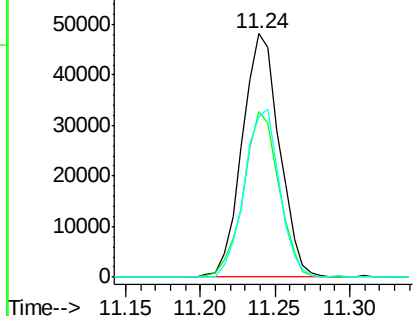


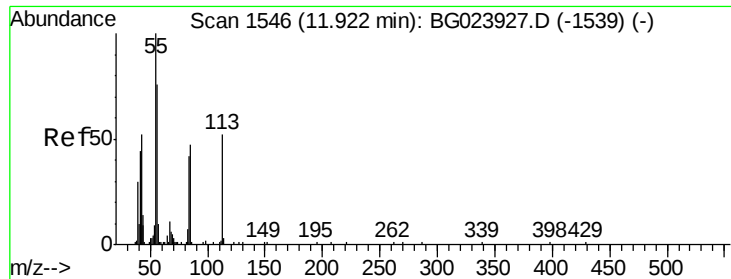
#34
Hexachlorobutadiene
Concen: 44.72 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

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: 17.05 ng

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

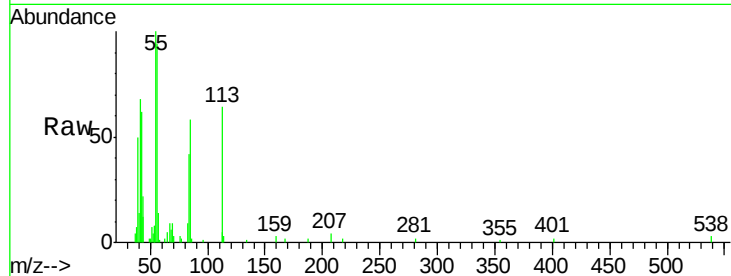
Tgt Ion:113 Resp: 13475

Ion Ratio Lower Upper

113 100

55 156.2 154.5 194.5

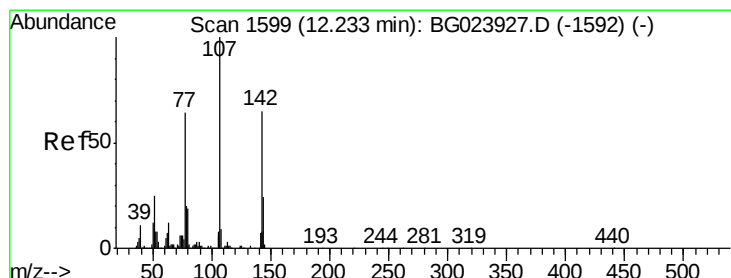
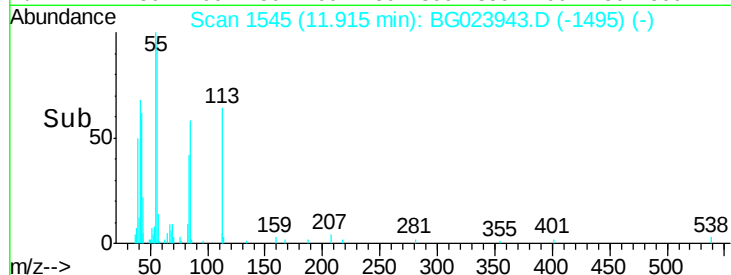
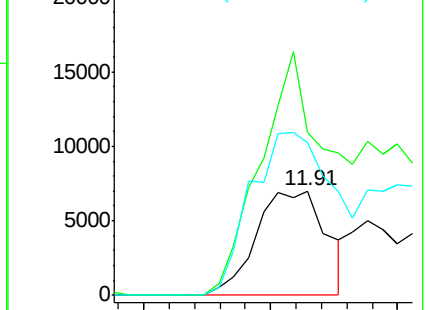
56 146.3 125.1 165.1



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

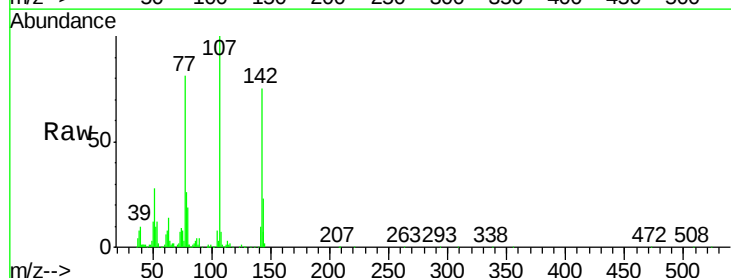
Tgt Ion:107 Resp: 160445

Ion Ratio Lower Upper

107 100

144 22.7 17.0 25.6

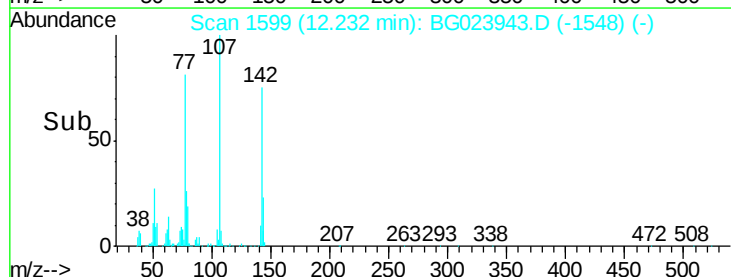
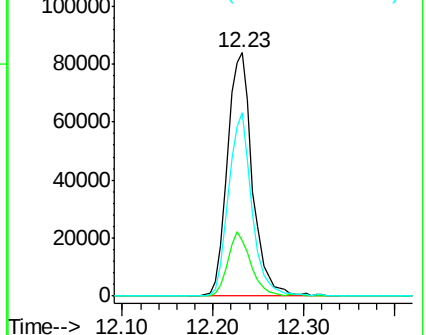
142 75.4 53.0 79.6

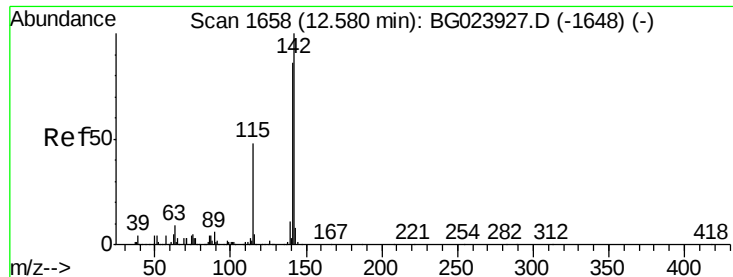


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

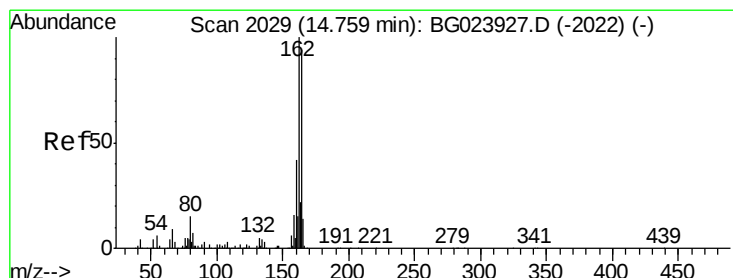
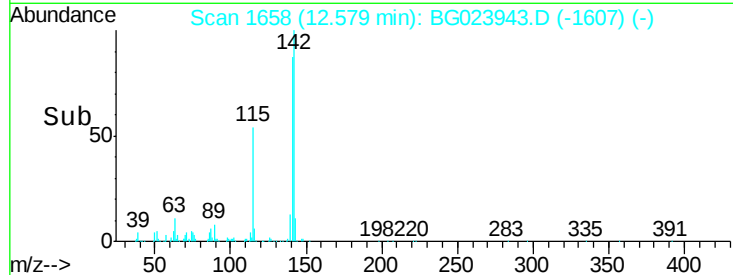
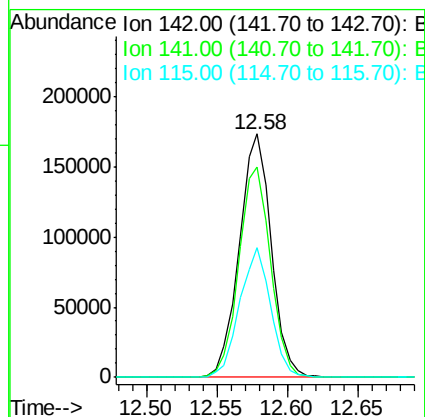
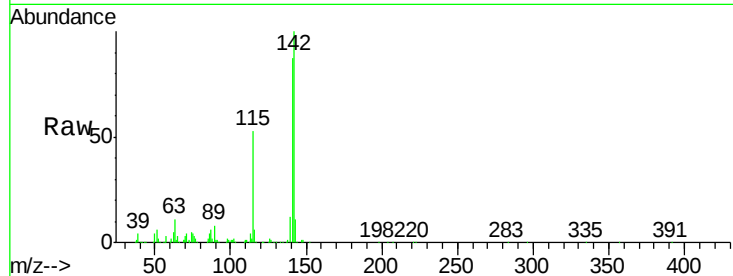




#37
2-Methylnaphthalene
Concen: 51.42 ng
RT: 12.58 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

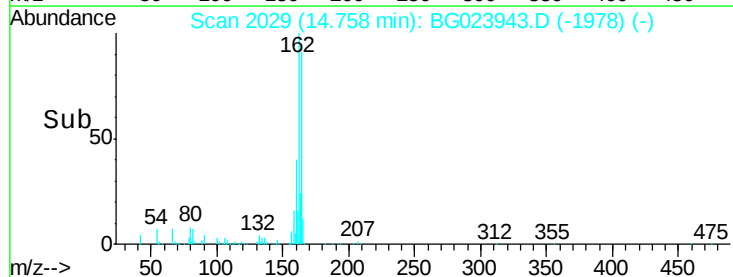
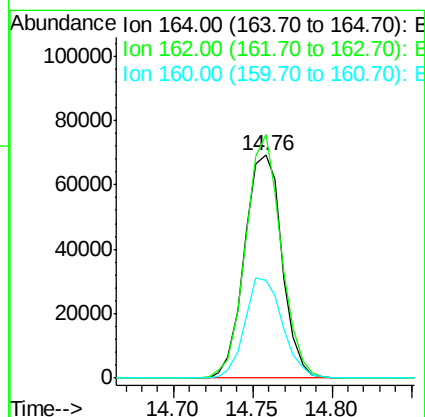
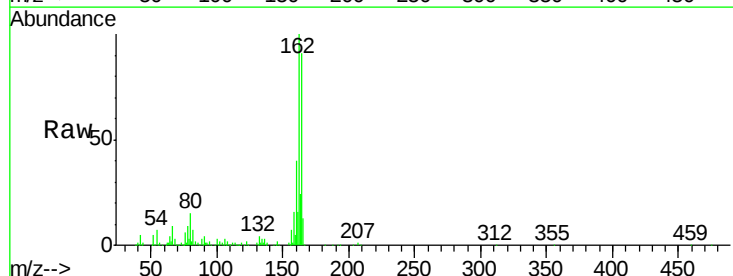
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

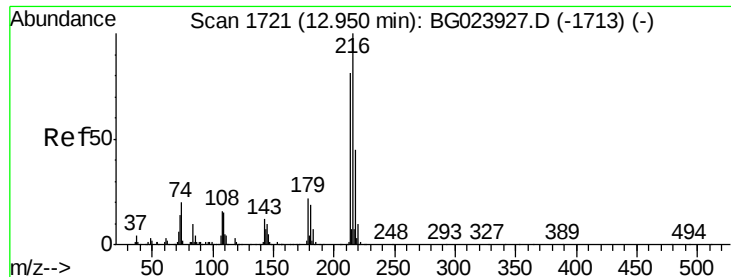
Tgt Ion:142 Resp: 274098
Ion Ratio Lower Upper
142 100
141 86.6 70.2 105.2
115 53.3 41.7 62.5



#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

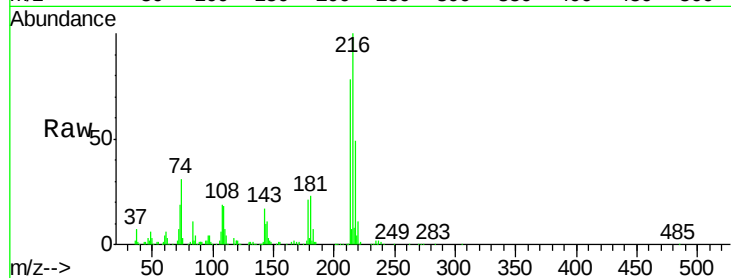
Ion Ratio Lower Upper

216 100

214 79.3 62.9 94.3

179 21.2 17.2 25.8

108 23.7 16.3 24.5

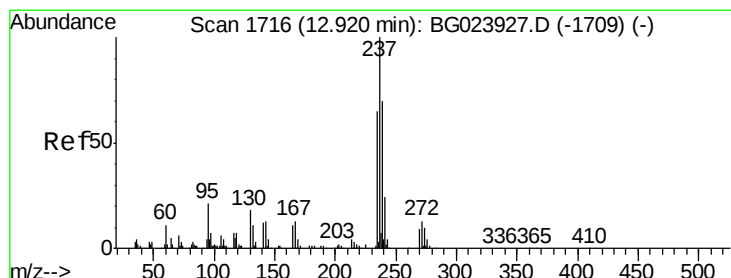
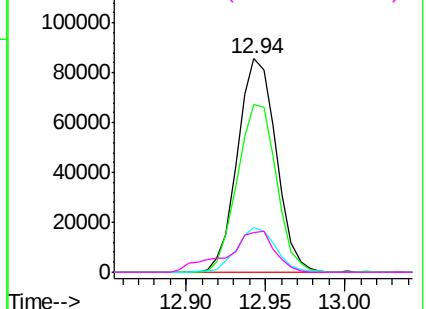
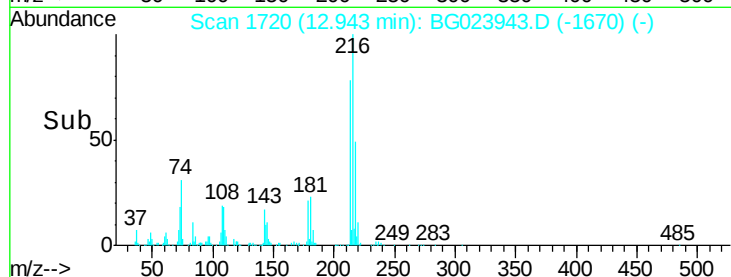


Abundance Ion 216.00 (215.70 to 216.70): E

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

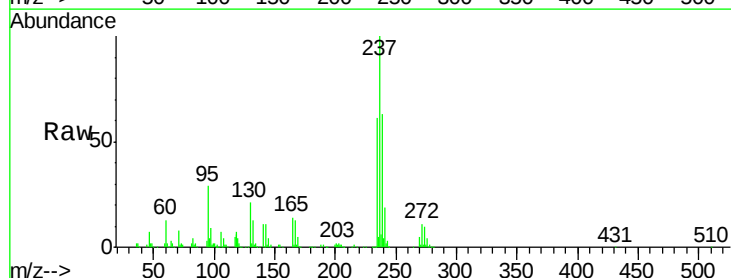
Tgt Ion:237 Resp: 173289

Ion Ratio Lower Upper

237 100

235 60.9 43.1 83.1

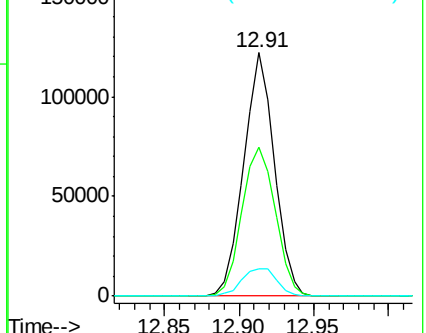
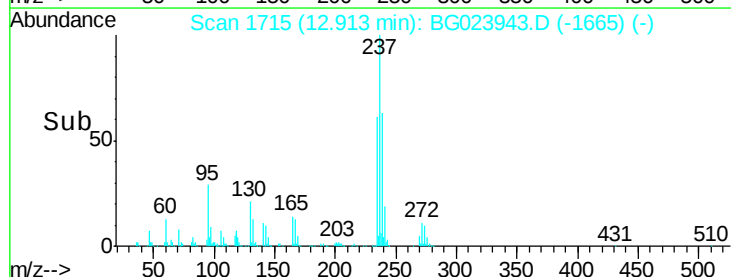
272 11.2 0.0 30.9

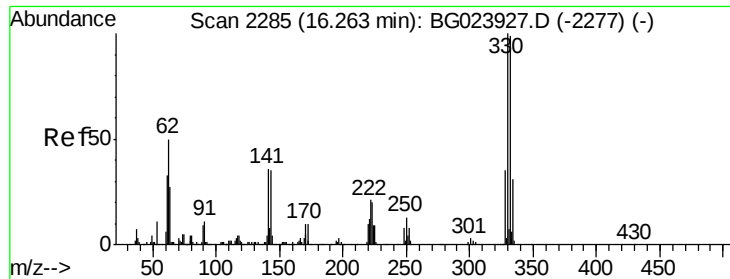


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

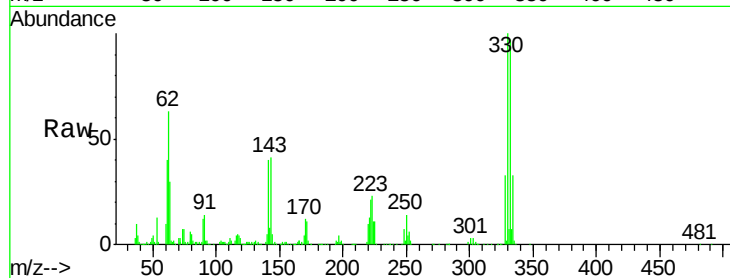




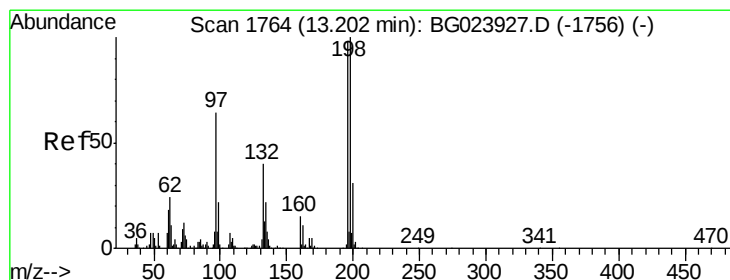
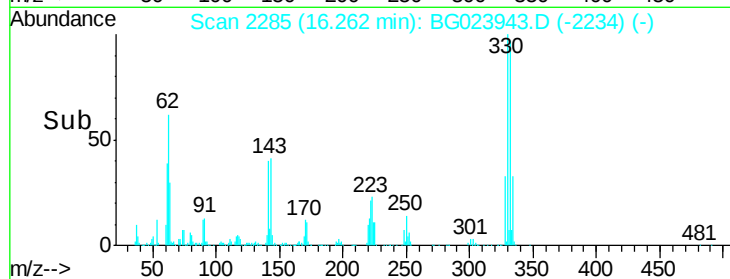
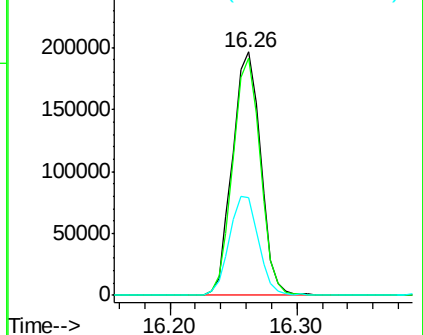
#41
 2,4,6-Tribromophenol
 Concen: 147.71 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

Tgt Ion:330 Resp: 302380
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.4 116.2
 141 42.1 31.7 47.5

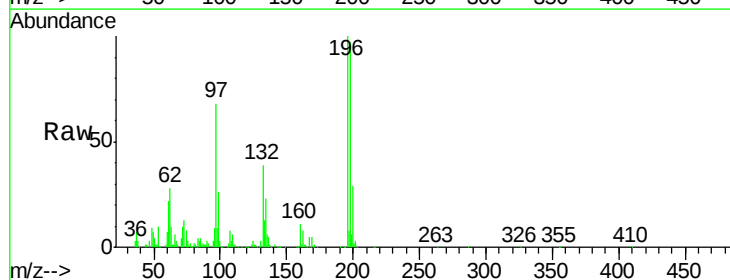


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

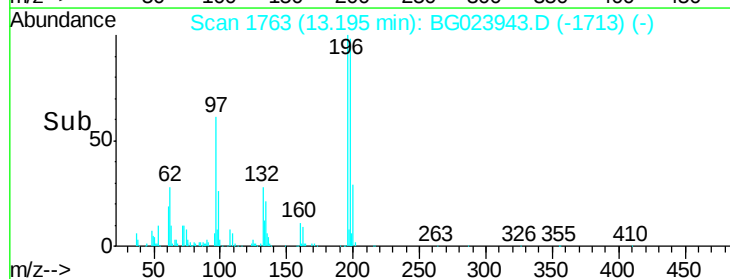
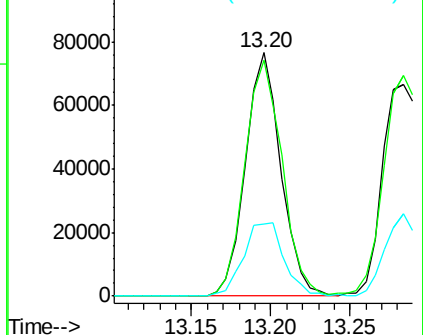


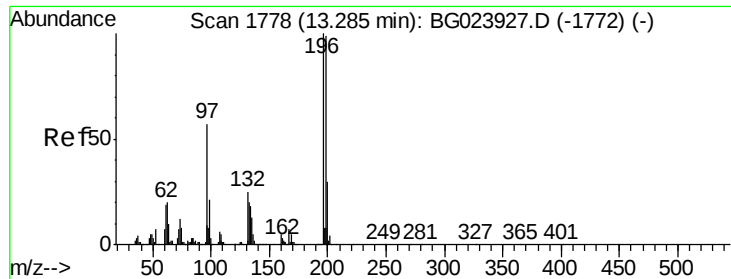
#42
 2,4,6-Trichlorophenol
 Concen: 47.24 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion:196 Resp: 118890
 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

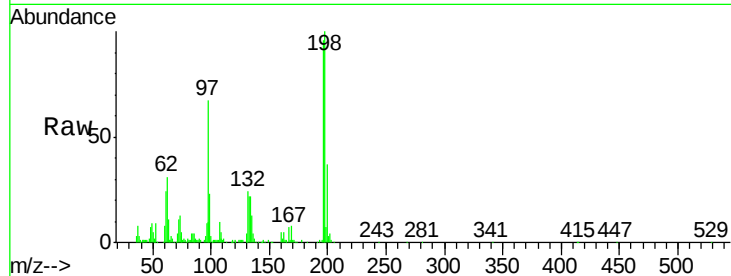




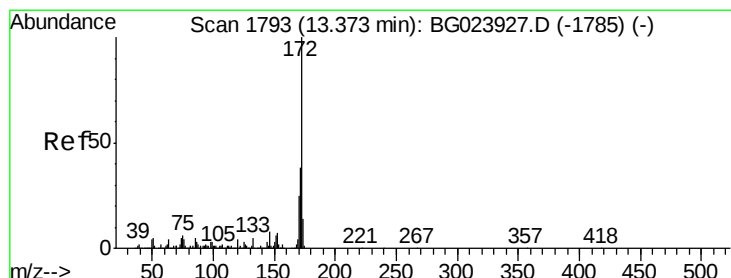
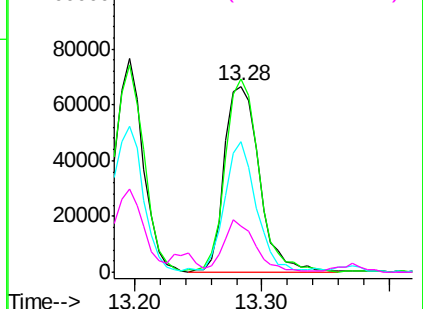
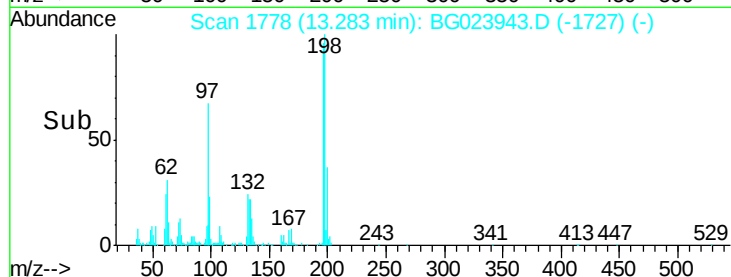
#43
 2,4,5-Trichlorophenol
 Concen: 50.36 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

Tgt Ion:196 Resp: 128117
 Ion Ratio Lower Upper
 196 100
 198 104.1 85.7 128.5
 97 70.1 45.5 68.3#
 132 25.0 18.9 28.3

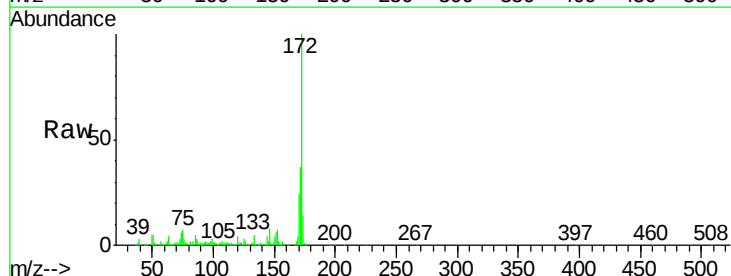


Abundance Ion 196.00 (195.70 to 196.70): E
 120000
 Ion 198.00 (197.70 to 198.70): E
 100000
 Ion 97.00 (96.70 to 97.70): BGC
 80000
 Ion 132.00 (131.70 to 132.70): E

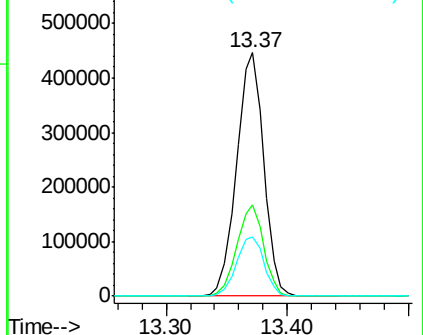
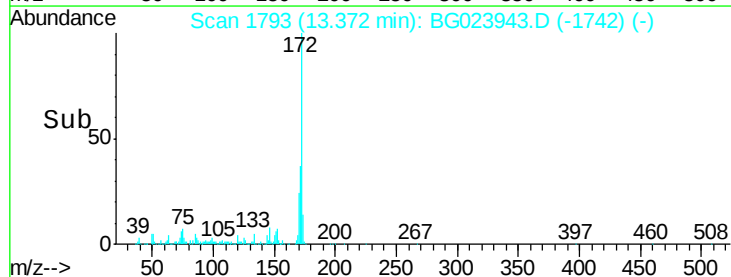


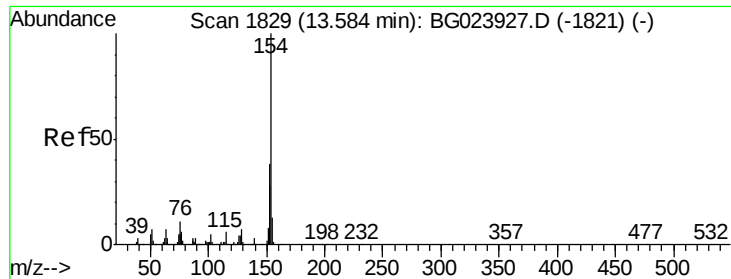
#44
 2-Fluorobiphenyl
 Concen: 88.07 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

Tgt Ion:172 Resp: 697916
 Ion Ratio Lower Upper
 172 100
 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

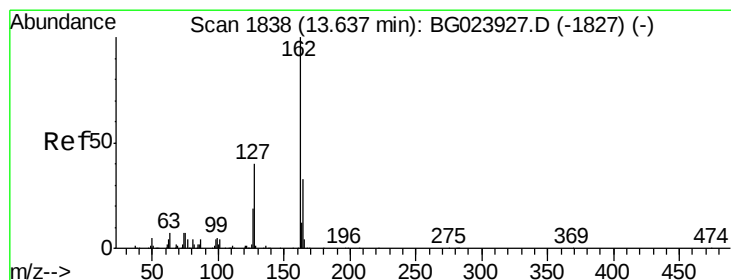
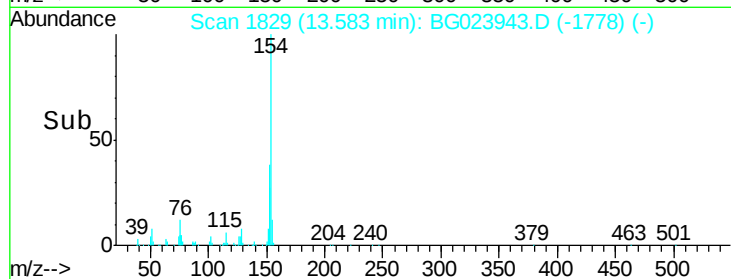
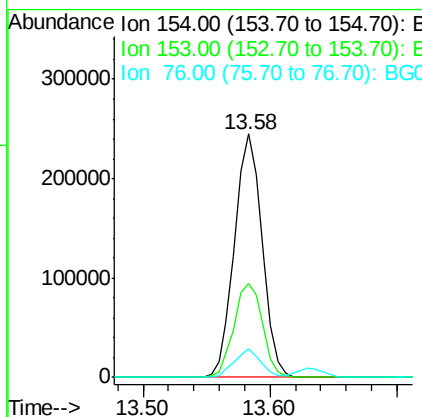
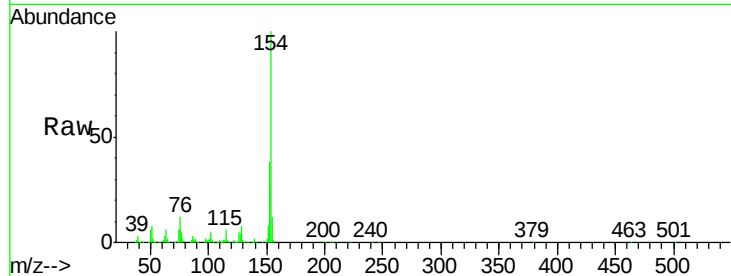




#45
 1,1'-Biphenyl
 Concen: 40.30 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

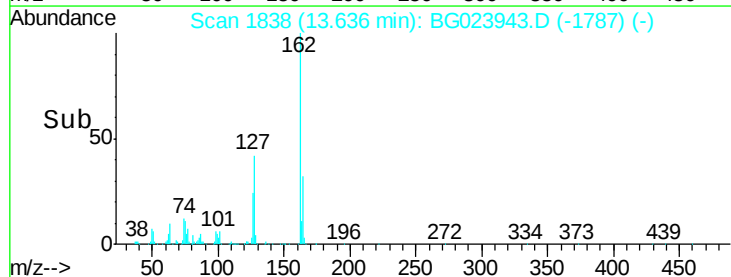
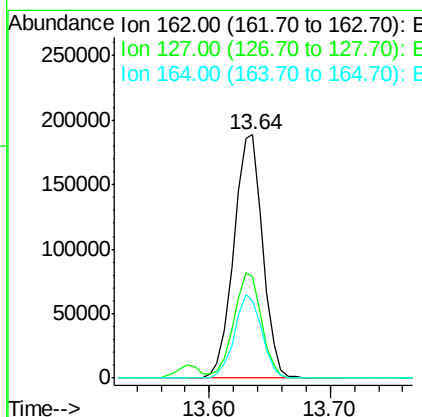
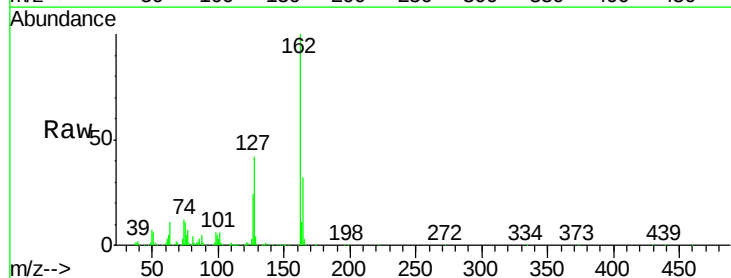
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

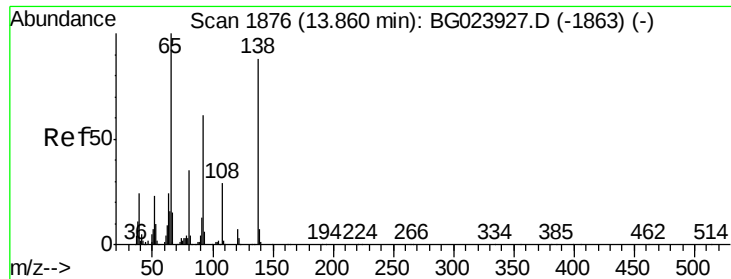
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	20.2	60.2
76	11.9	0.0	32.9



#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

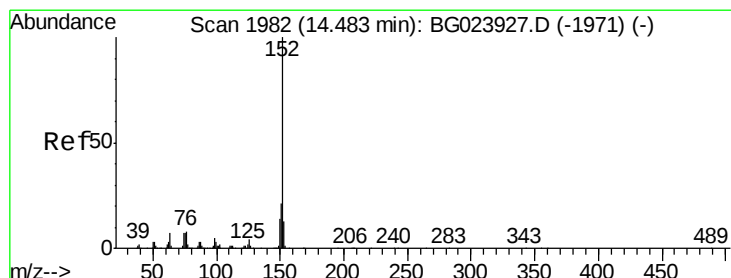
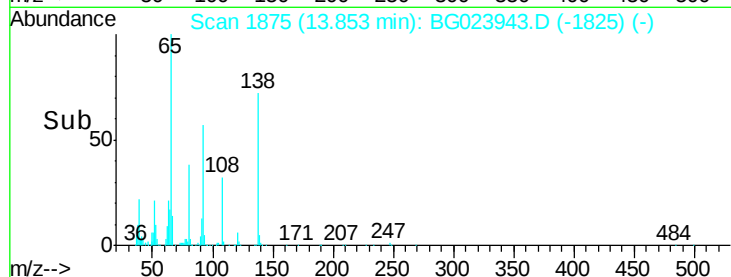
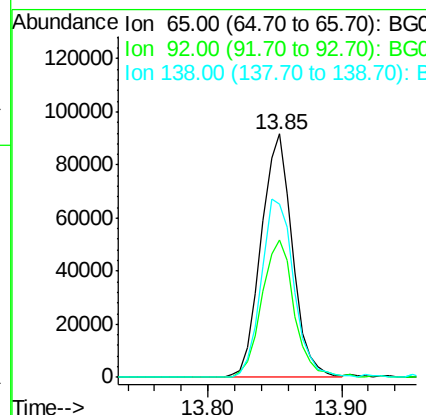
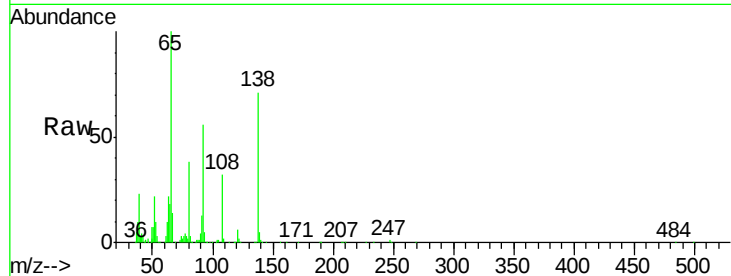




#47
2-Nitroaniline
Concen: 56.09 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

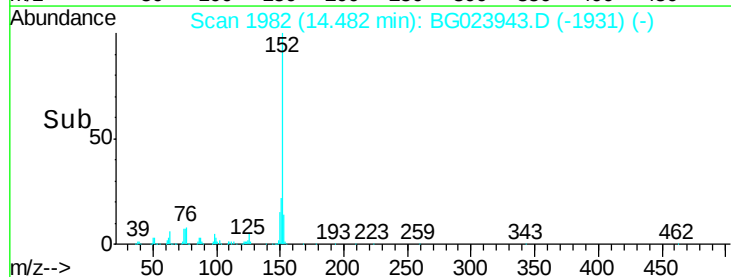
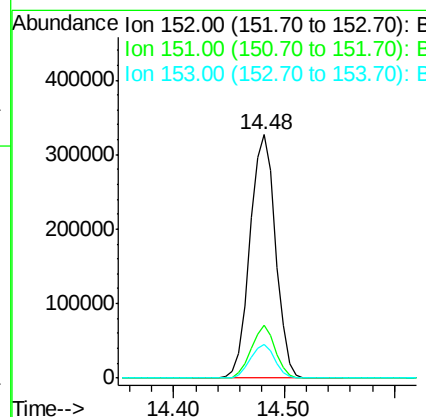
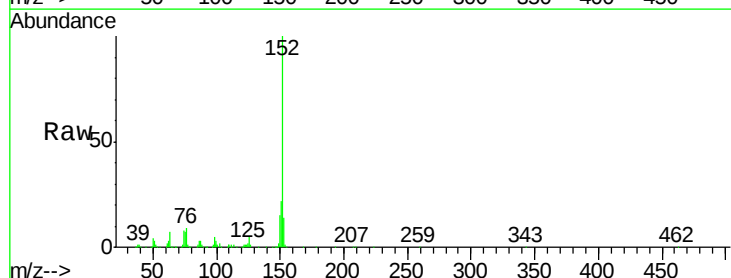
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

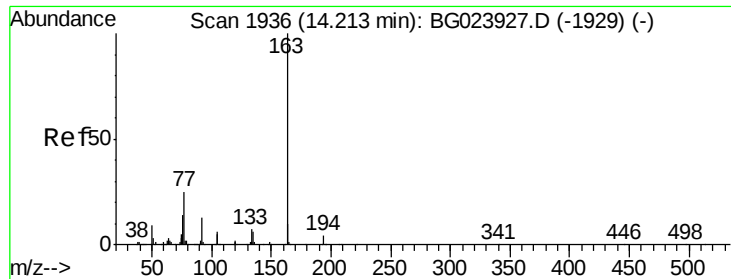
Tgt Ion: 65 Resp: 148244
Ion Ratio Lower Upper
65 100
92 56.3 49.4 74.0
138 71.4 58.0 87.0



#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

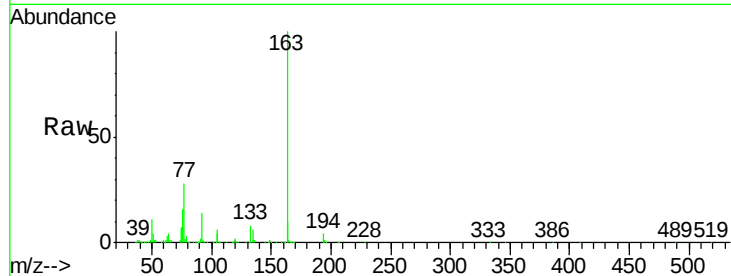
Tgt Ion:163 Resp: 474751

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

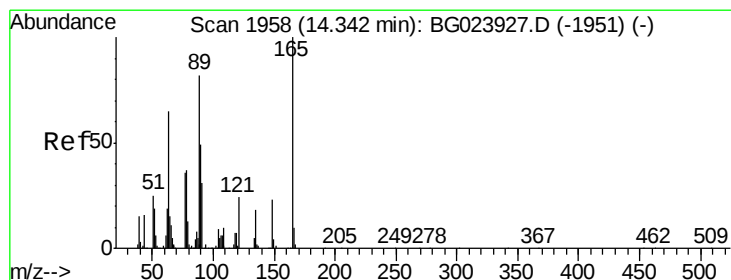
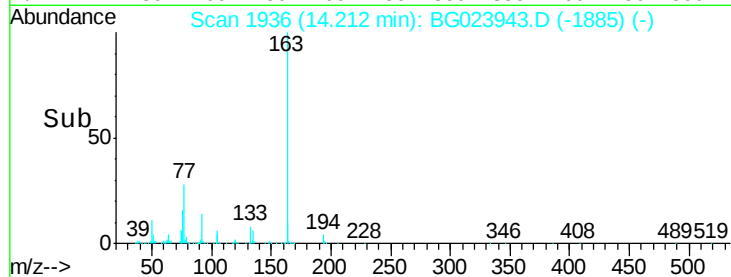
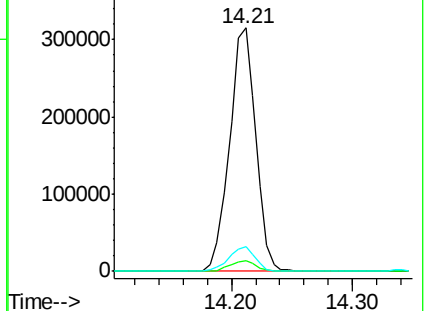
164 10.2 8.1 12.1



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

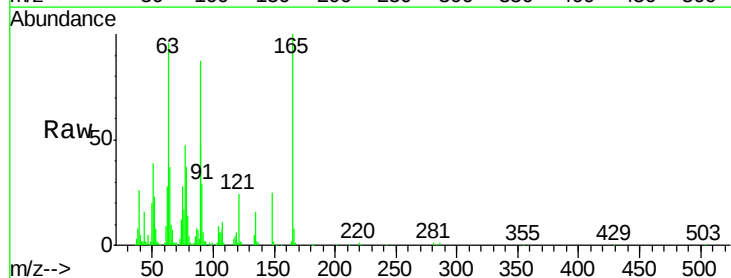
Tgt Ion:165 Resp: 102140

Ion Ratio Lower Upper

165 100

63 96.5 64.3 96.5#

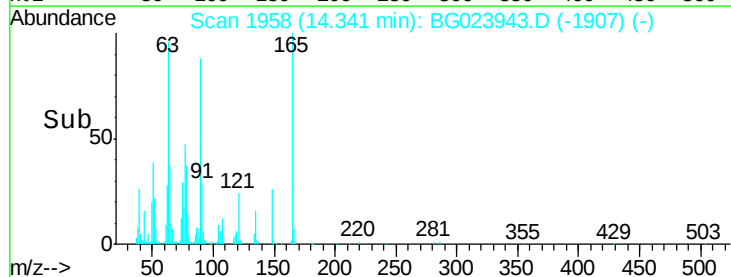
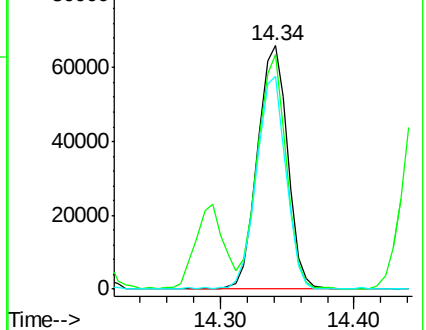
89 87.3 64.3 96.5

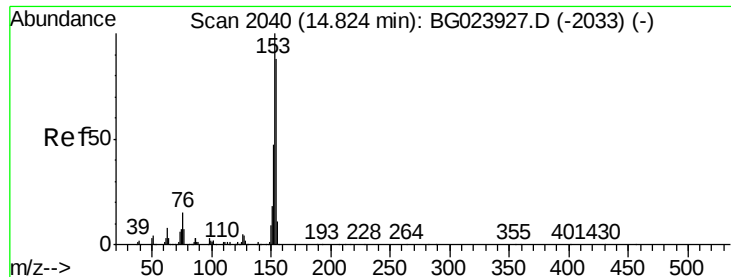


Abundance Ion 165.00 (164.70 to 165.70): E

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

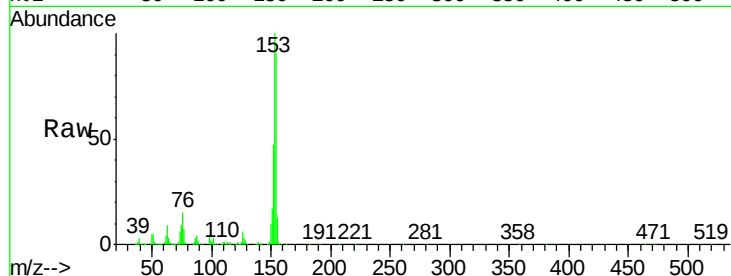
Tgt Ion:154 Resp: 338670

Ion Ratio Lower Upper

154 100

153 109.3 87.5 131.3

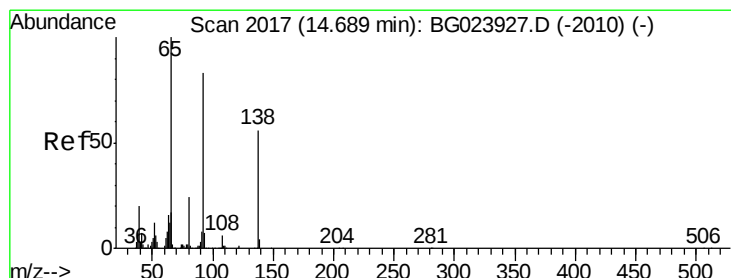
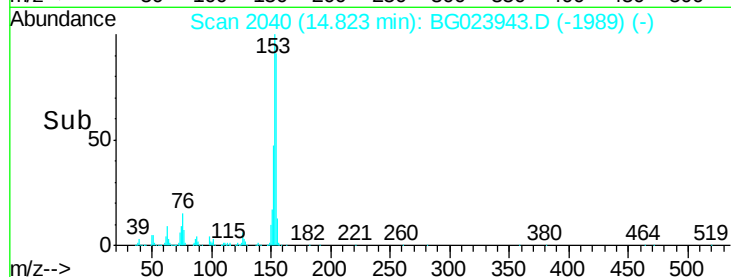
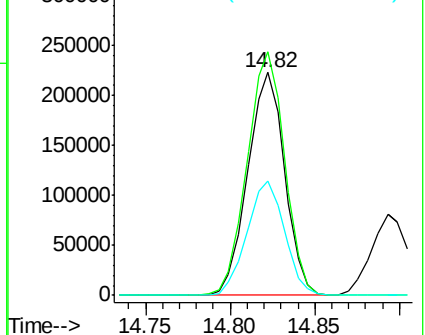
152 51.2 42.7 64.1



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

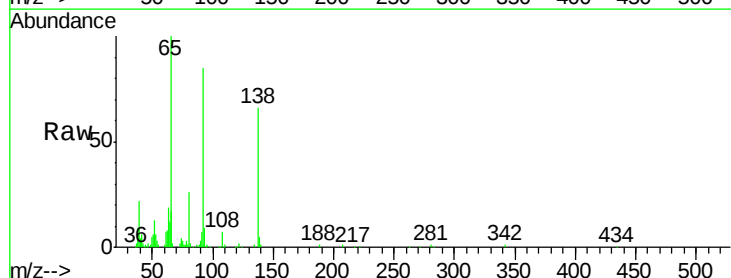
Tgt Ion:138 Resp: 50958

Ion Ratio Lower Upper

138 100

108 10.5 11.7 17.5#

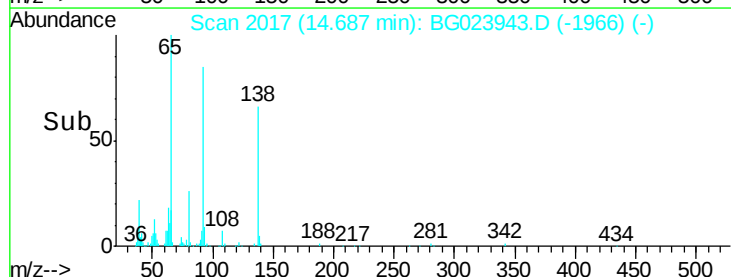
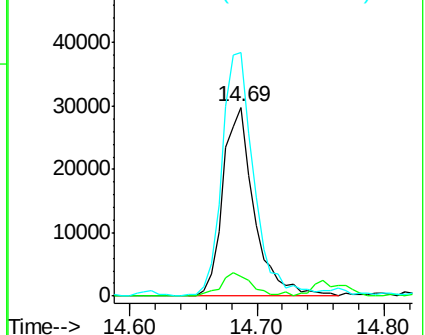
92 128.9 129.7 194.5#

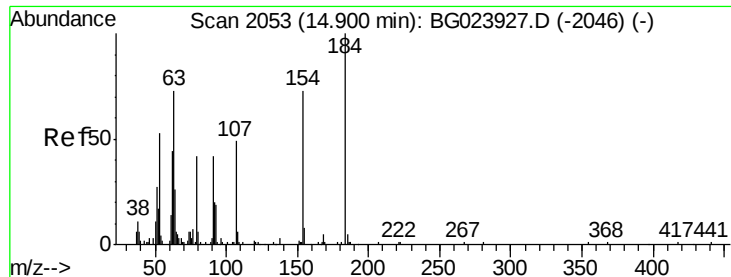


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

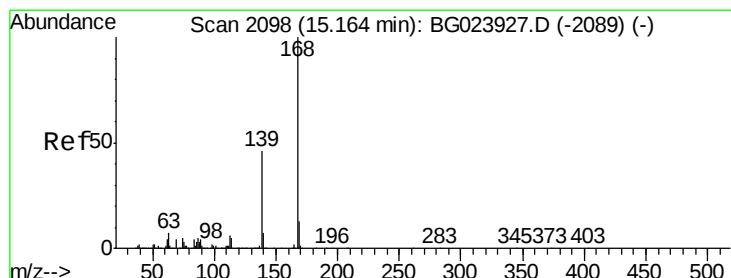
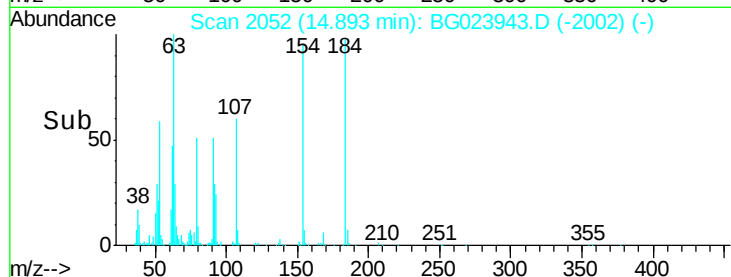
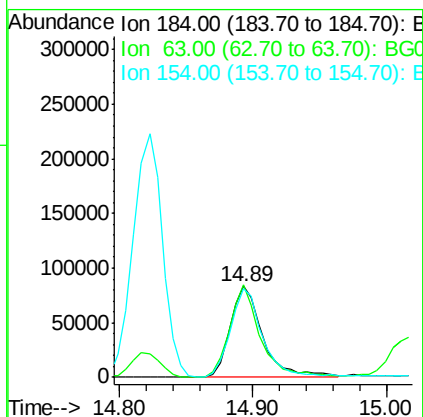
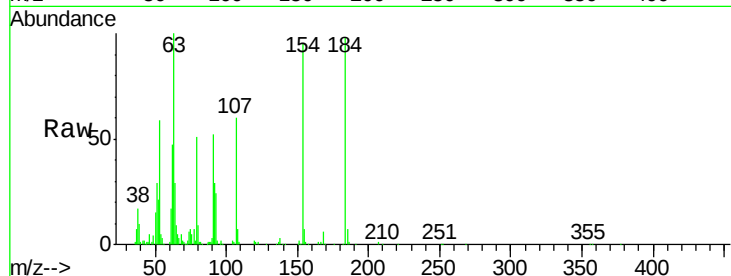




#53
2,4-Dinitrophenol
Concen: 93.31 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

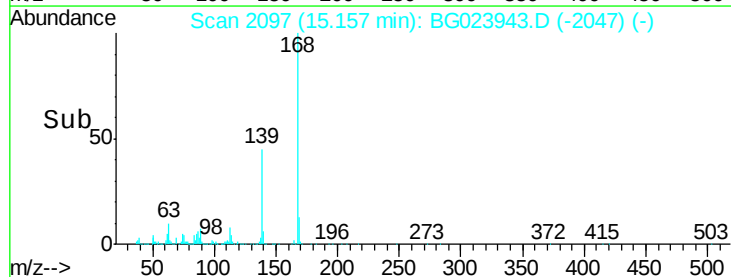
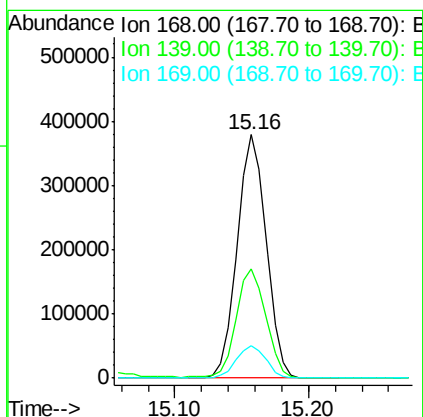
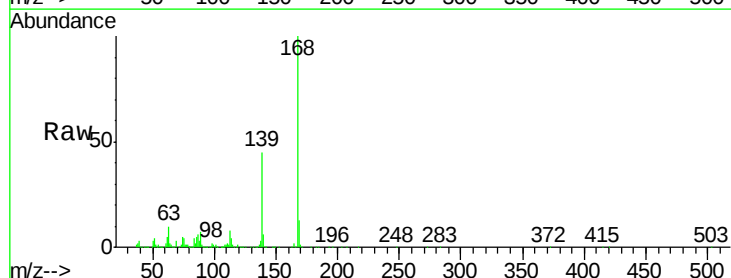
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

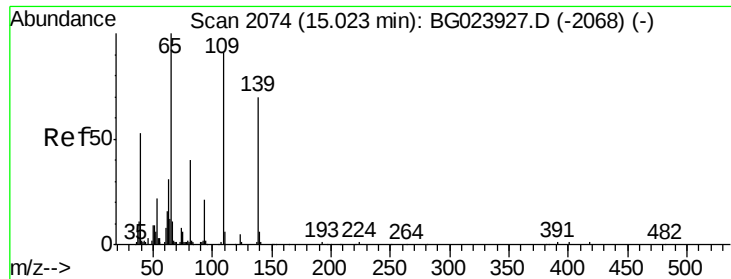
Tgt Ion:184 Resp: 142083
Ion Ratio Lower Upper
184 100
63 101.7 59.6 89.4#
154 97.1 67.4 101.0



#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

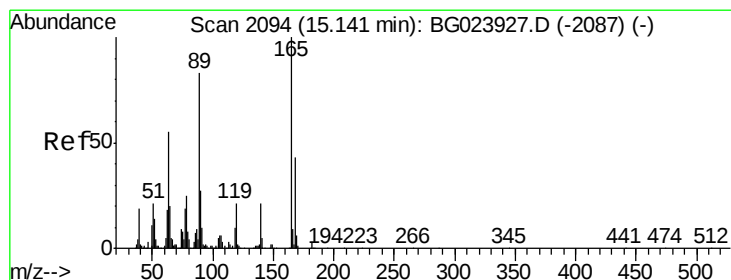
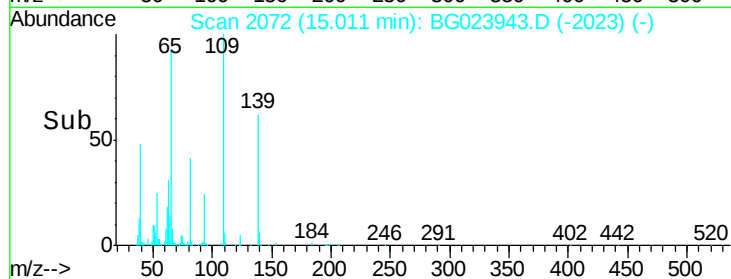
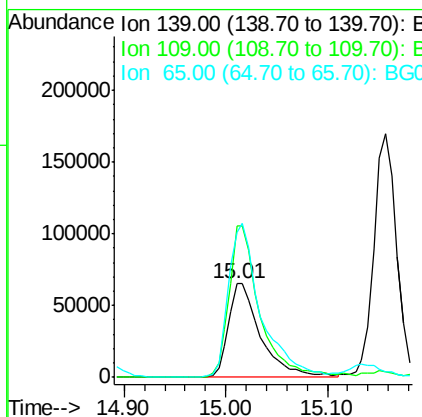
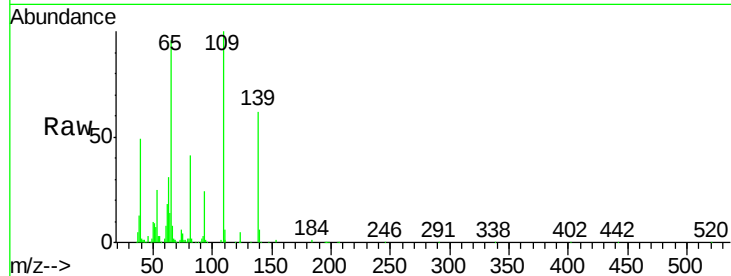




#55
4-Nitrophenol
Concen: 94.62 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

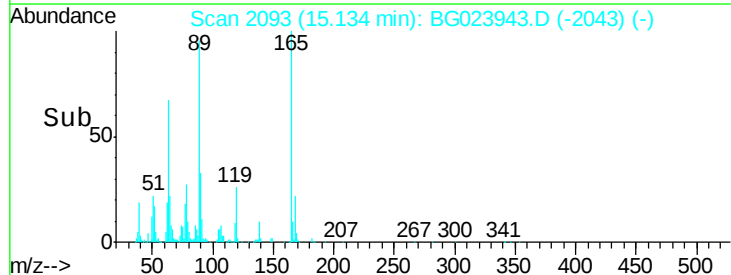
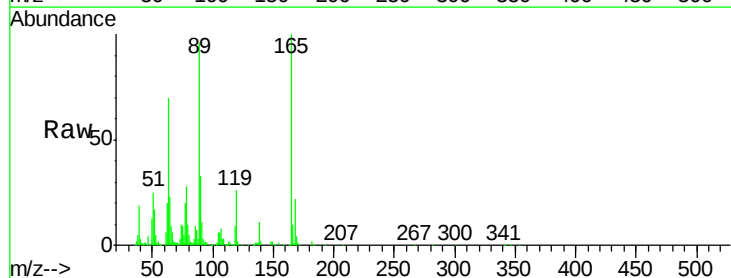
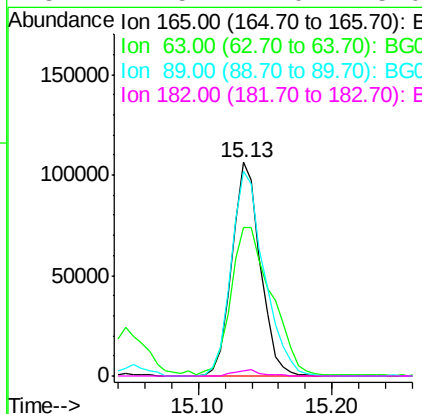
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

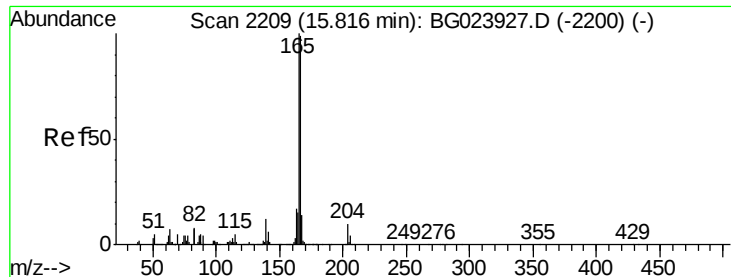
Tgt Ion:139 Resp: 144821
Ion Ratio Lower Upper
139 100
109 162.2 103.0 143.0#
65 154.9 112.7 152.7#



#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

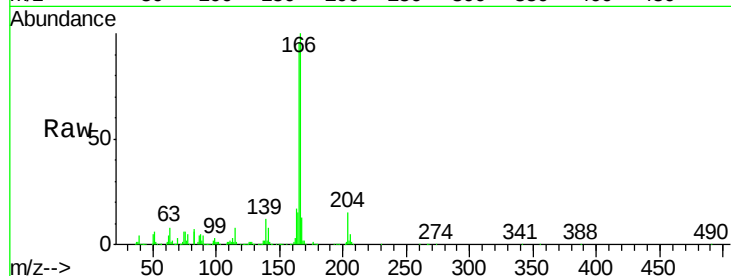
Tgt Ion:166 Resp: 492272

Ion Ratio Lower Upper

166 100

165 96.2 81.0 121.6

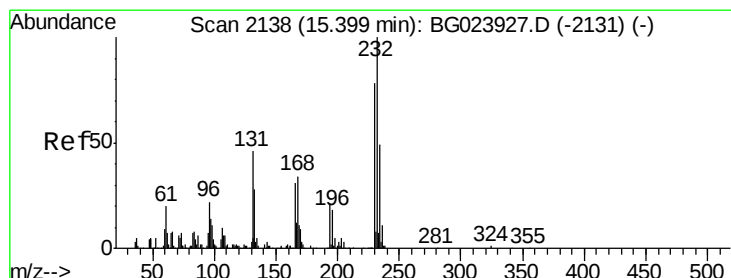
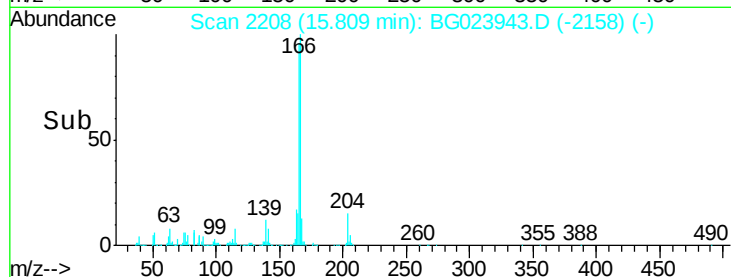
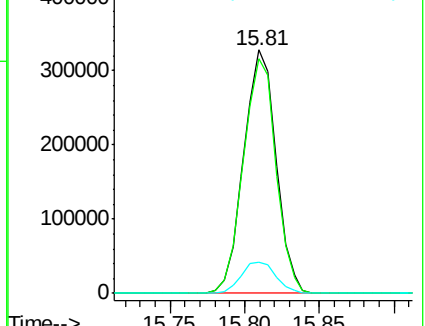
167 12.7 12.0 18.0



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

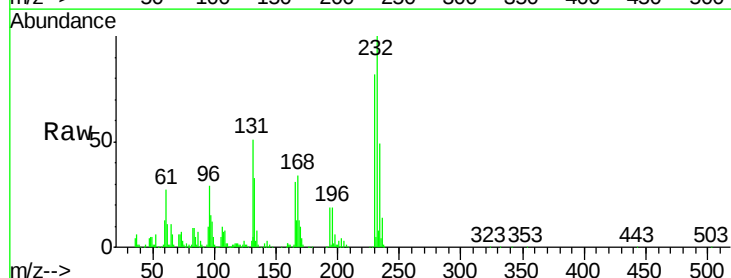
Ion Ratio Lower Upper

232 100

131 46.2 32.7 49.1

130 3.1 2.6 3.8

166 29.3 23.0 34.6

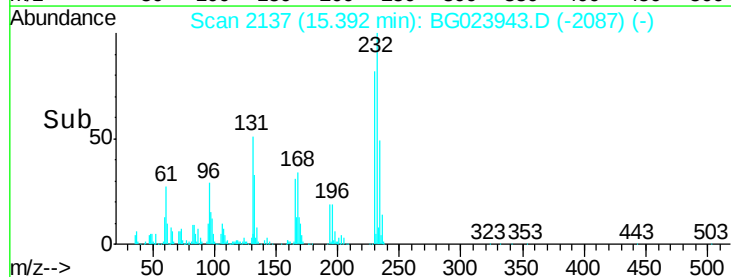
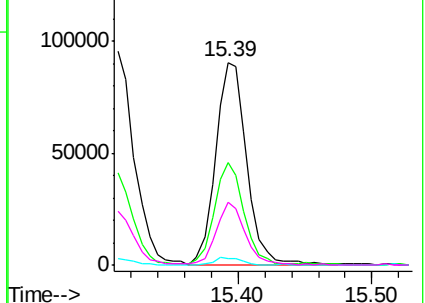


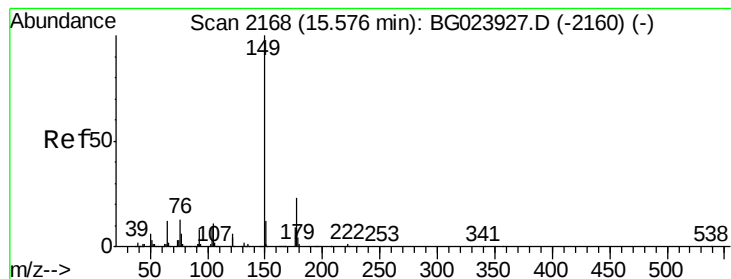
Abundance Ion 232.00 (231.70 to 232.70): E

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

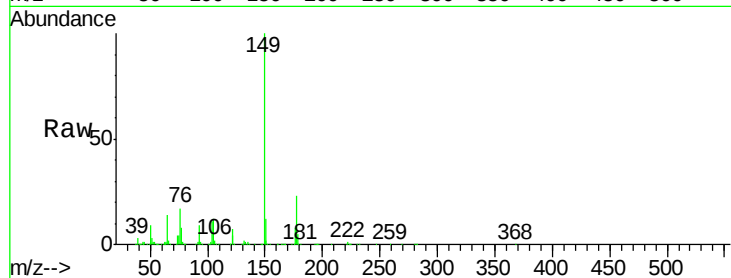
Tgt Ion:149 Resp: 539733

Ion Ratio Lower Upper

149 100

177 23.4 19.2 28.8

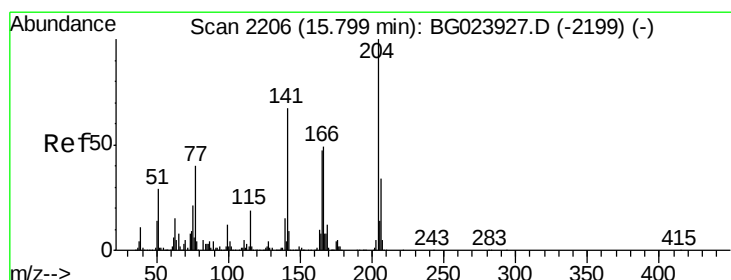
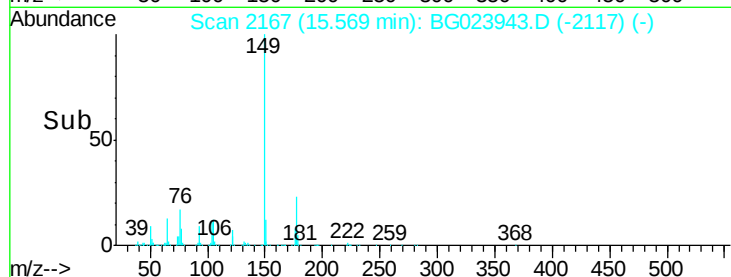
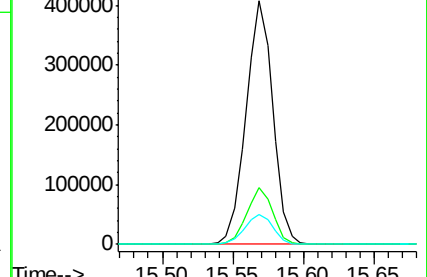
150 12.3 10.6 16.0



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

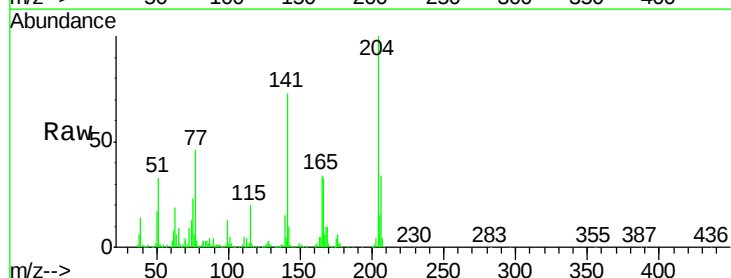
Tgt Ion:204 Resp: 264892

Ion Ratio Lower Upper

204 100

206 33.6 28.5 42.7

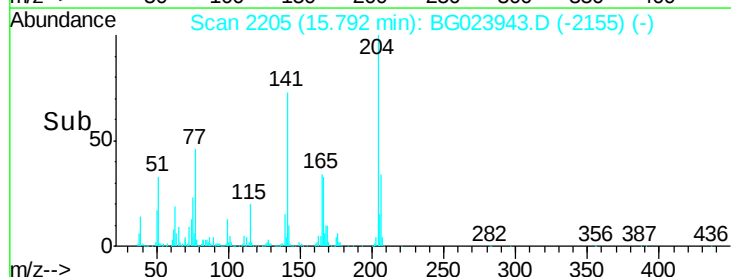
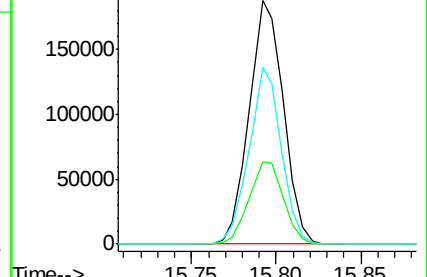
141 72.6 51.4 77.0

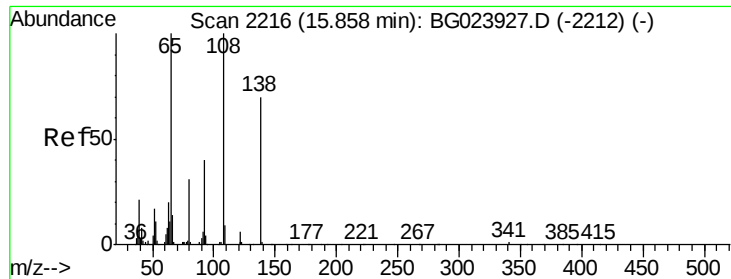


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

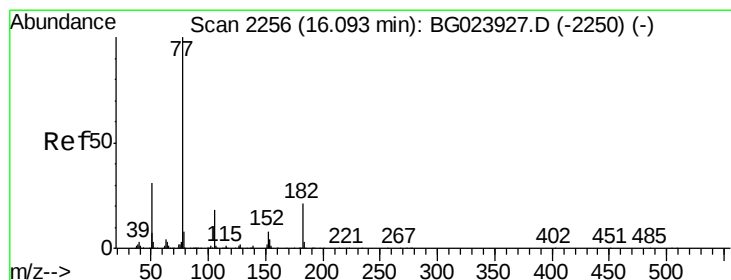
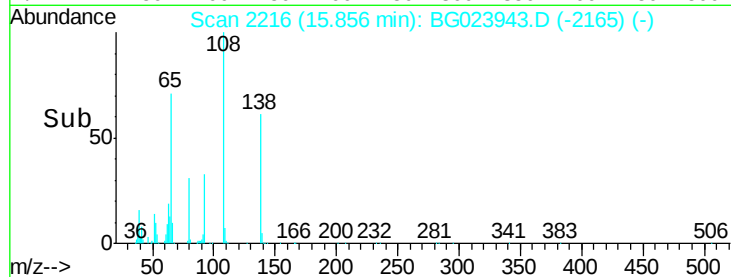
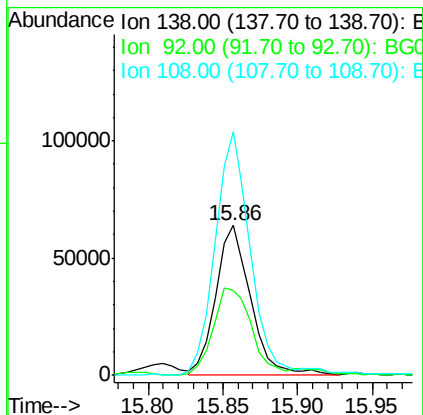
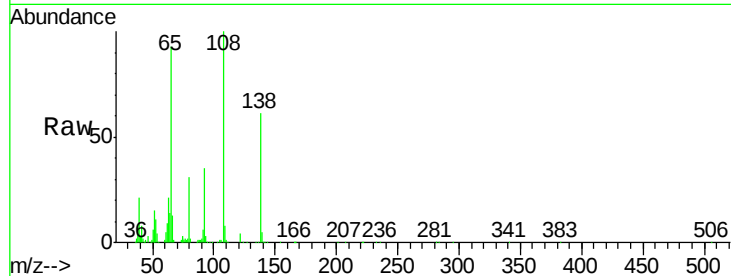




#61
4-Nitroaniline
Concen: 53.04 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

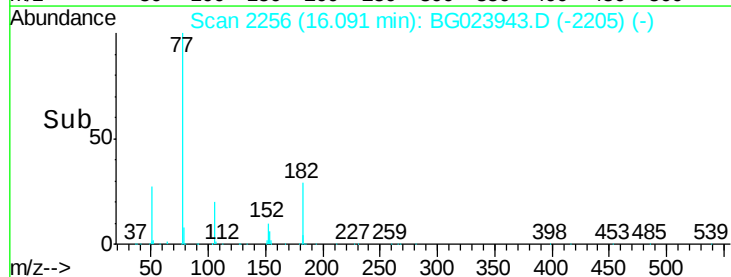
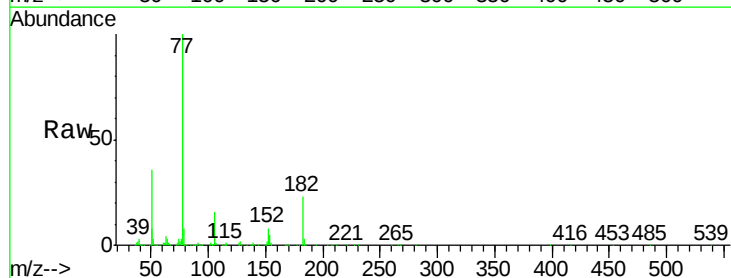
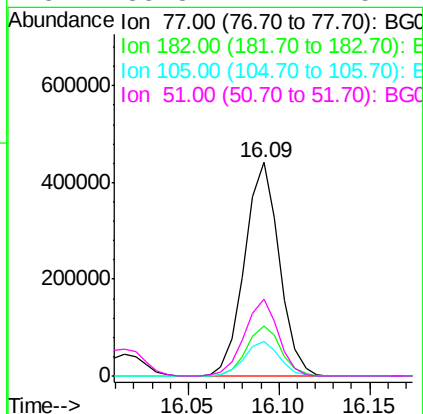
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

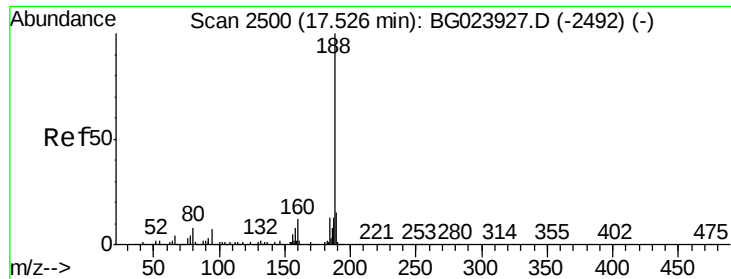
Tgt Ion:138 Resp: 103158
Ion Ratio Lower Upper
138 100
92 56.9 54.1 94.1
108 162.7 133.9 173.9



#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

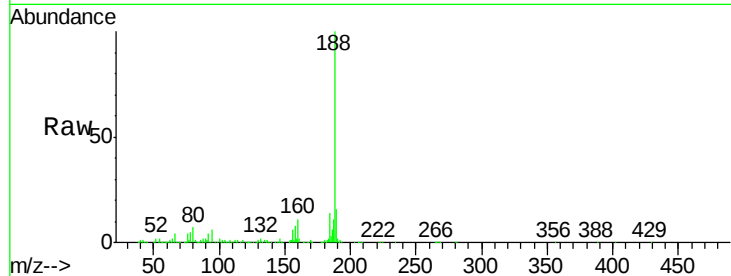
Tgt Ion:188 Resp: 327239

Ion Ratio Lower Upper

188 100

94 6.0 5.2 7.8

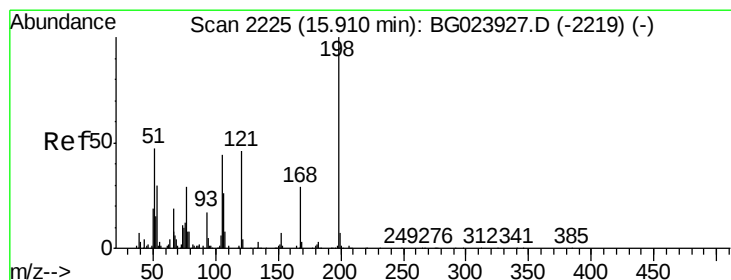
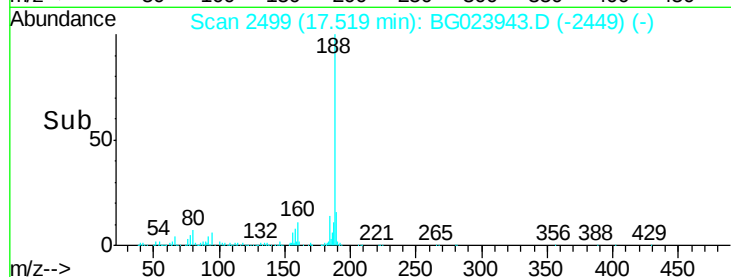
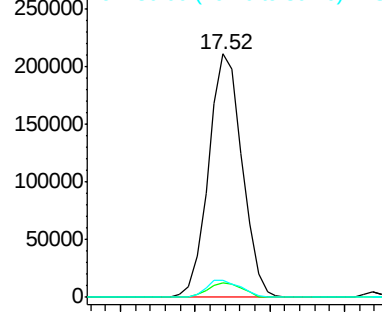
80 7.0 7.2 10.8#



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

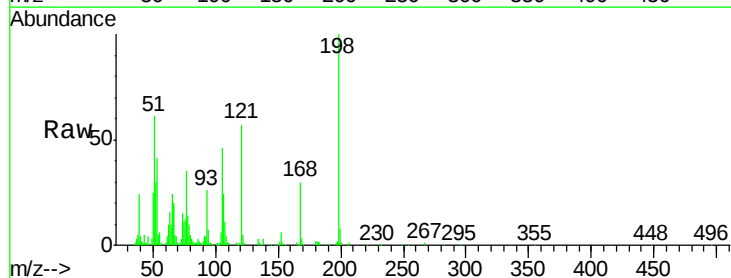
Tgt Ion:198 Resp: 107635

Ion Ratio Lower Upper

198 100

51 61.1 26.0 66.0

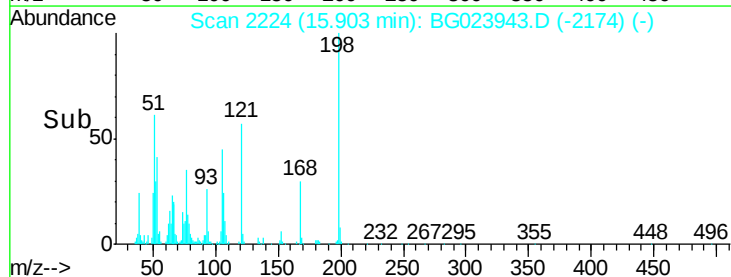
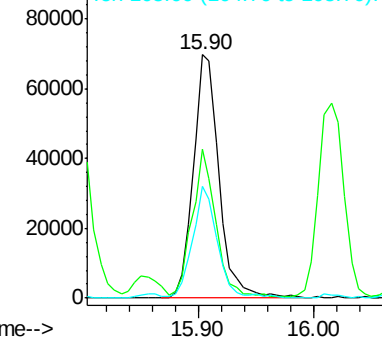
105 45.8 20.1 60.1

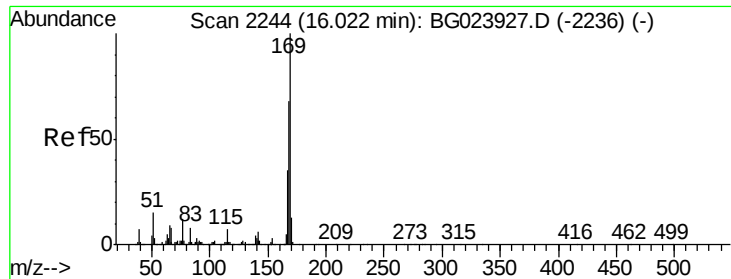


Abundance Ion 198.00 (197.70 to 198.70): E

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

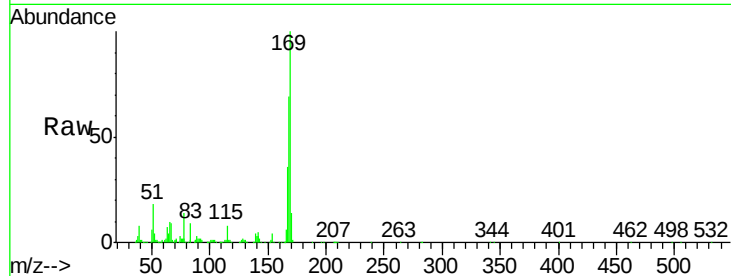
Tgt Ion:169 Resp: 453619

Ion Ratio Lower Upper

169 100

168 69.3 55.0 82.4

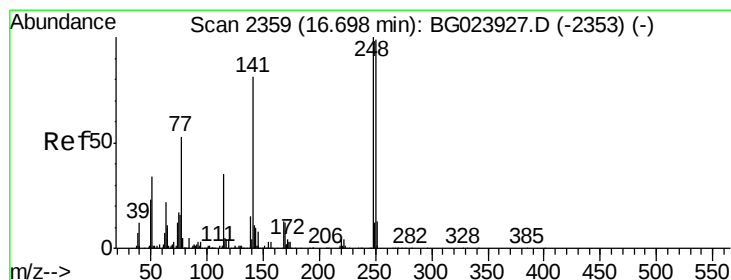
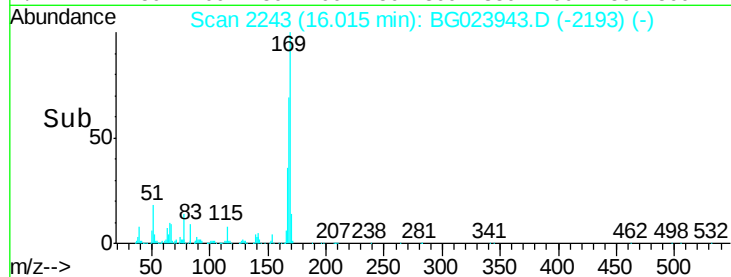
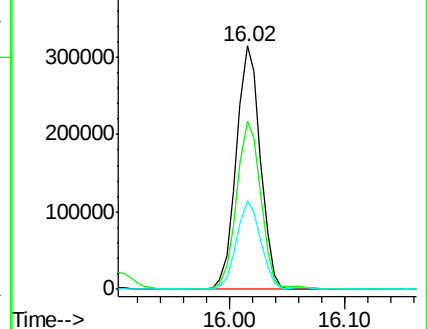
167 36.3 27.4 41.0



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

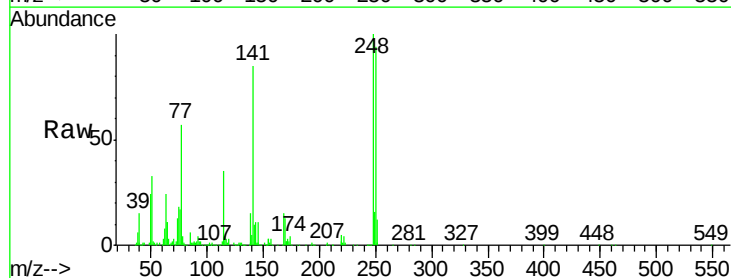
Tgt Ion:248 Resp: 200025

Ion Ratio Lower Upper

248 100

250 94.3 77.8 116.8

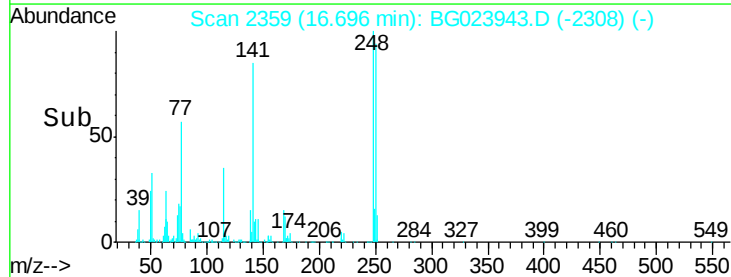
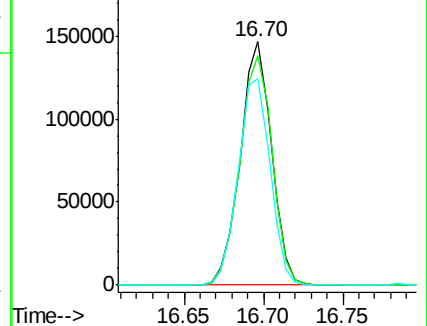
141 85.0 65.7 98.5

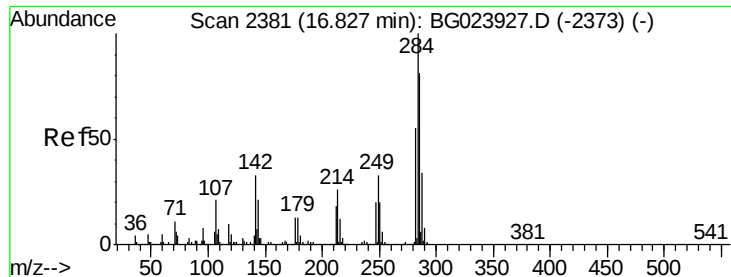


Abundance Ion 248.00 (247.70 to 248.70): E

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

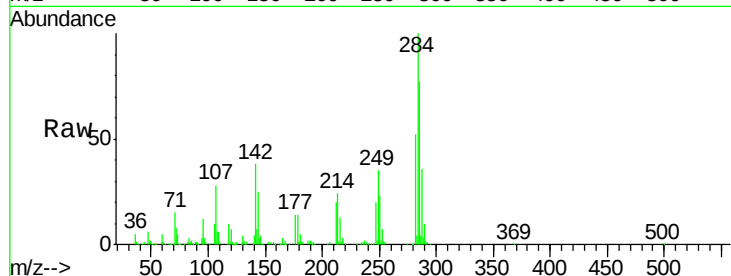
Tgt Ion:284 Resp: 207560

Ion Ratio Lower Upper

284 100

142 37.7 26.8 40.2

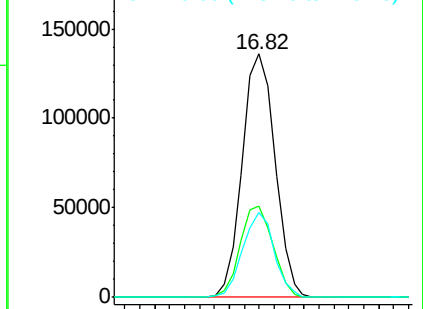
249 34.9 28.9 43.3



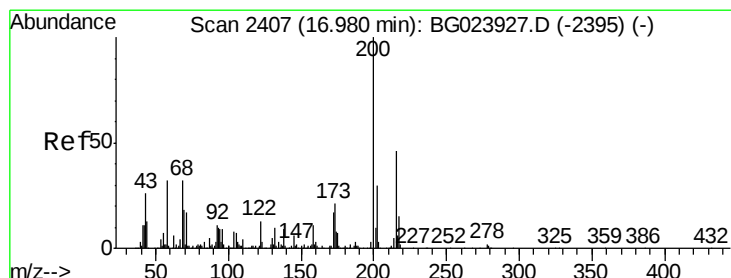
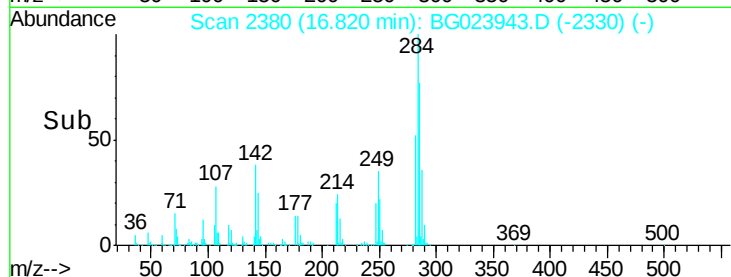
Abundance Ion 283.80 (283.50 to 284.50): E

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

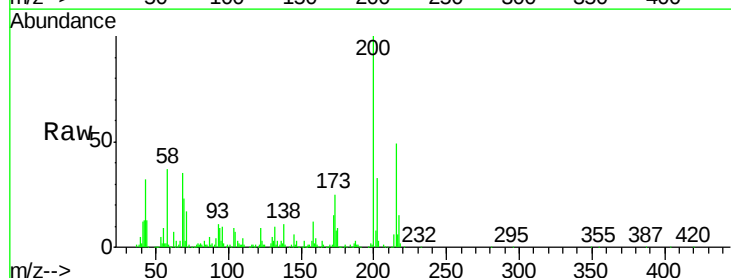
Tgt Ion:200 Resp: 198018

Ion Ratio Lower Upper

200 100

173 24.8 1.6 41.6

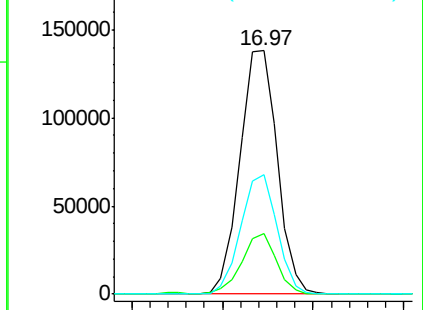
215 49.0 28.7 68.7



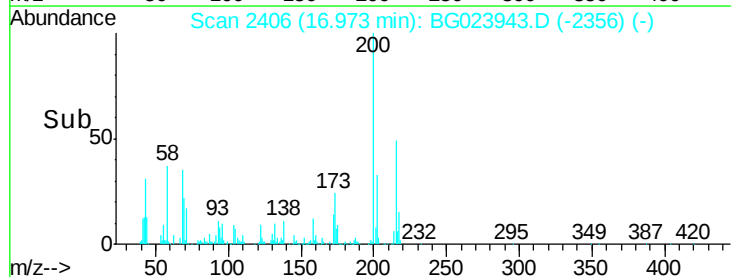
Abundance Ion 200.00 (199.70 to 200.70): E

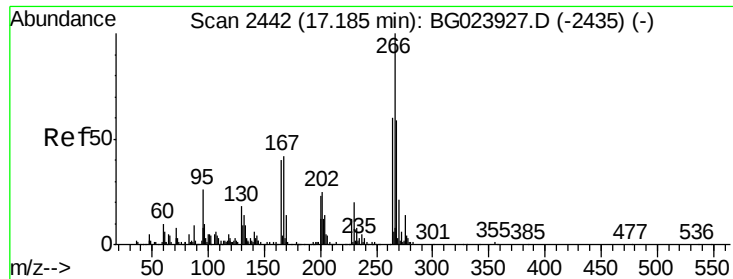
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



Time-->

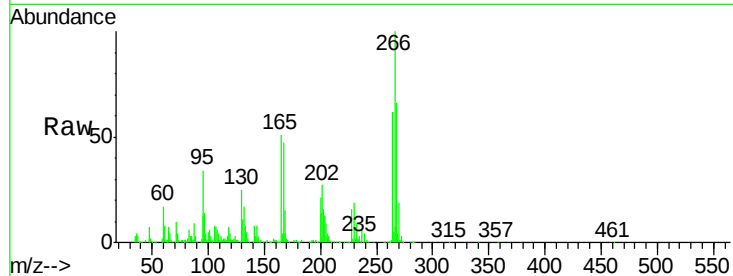




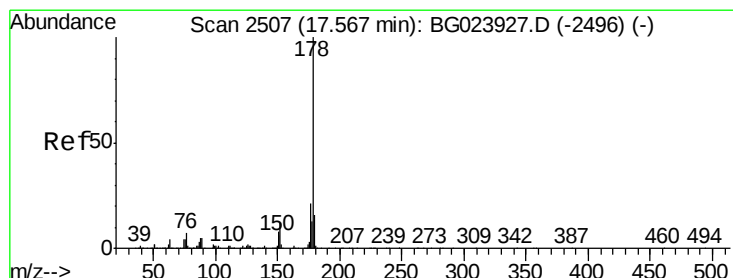
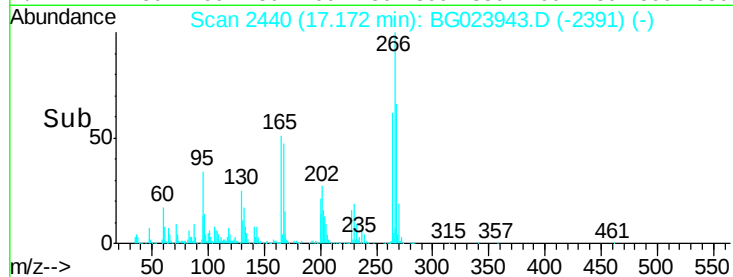
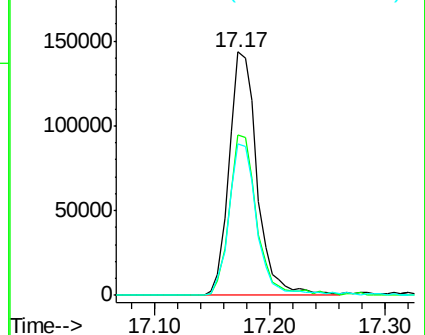
#69
 Pentachlorophenol
 Concen: 97.42 ng
 RT: 17.17 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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

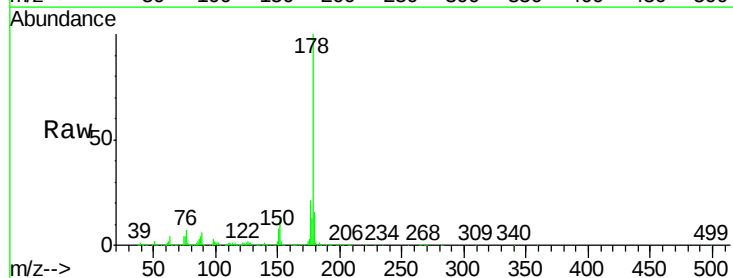


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

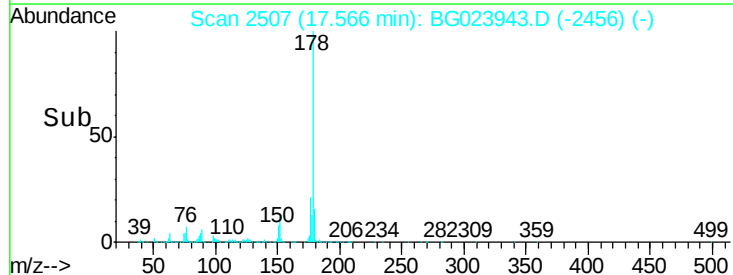
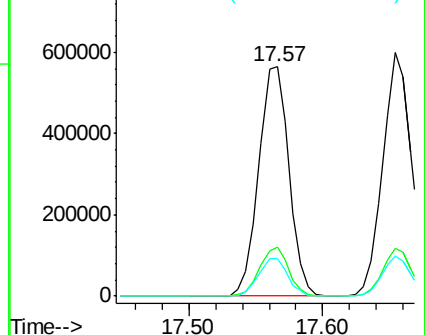


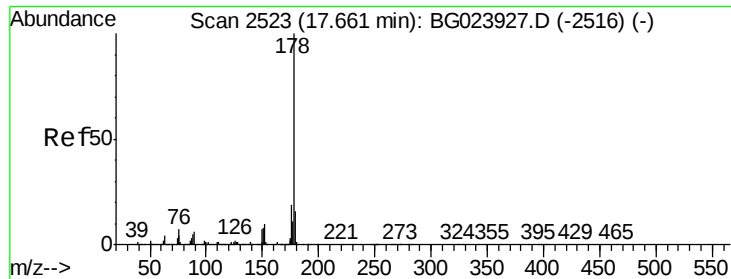
#70
 Phenanthrene
 Concen: 51.75 ng
 RT: 17.57 min Scan# 2507
 Delta R.T. -0.00 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

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

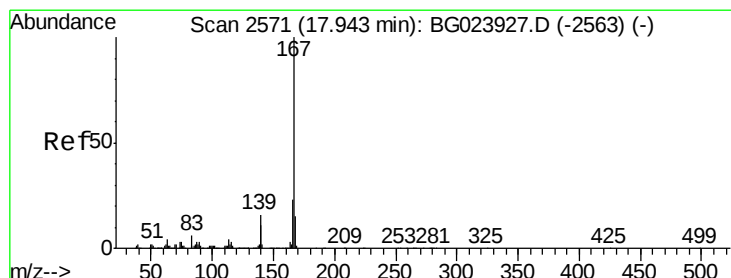
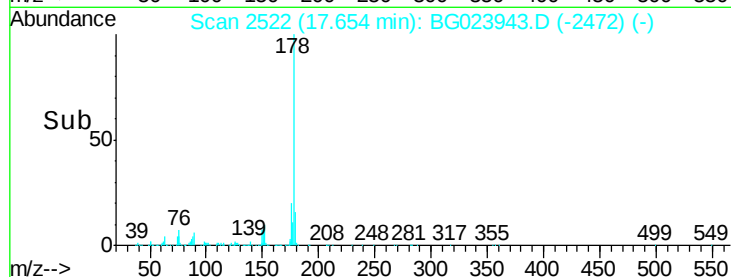
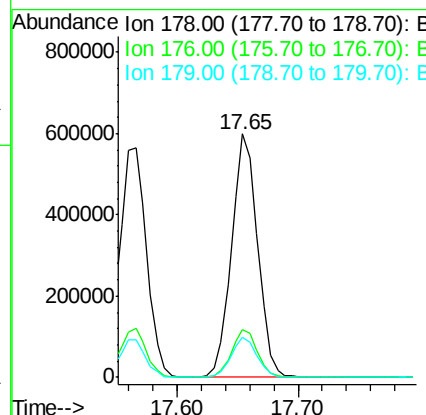
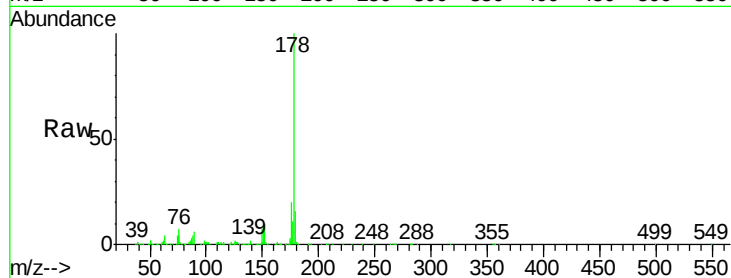




#71
 Anthracene
 Concen: 51.41 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

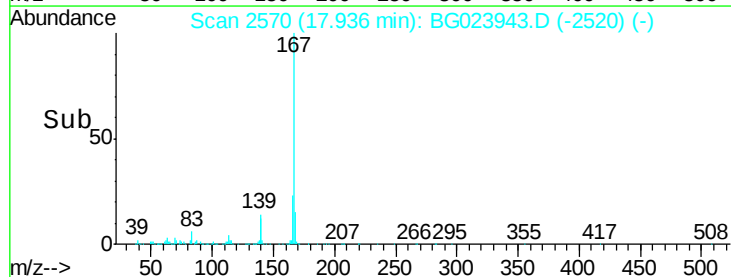
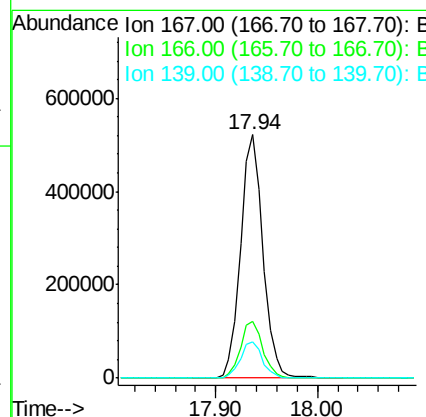
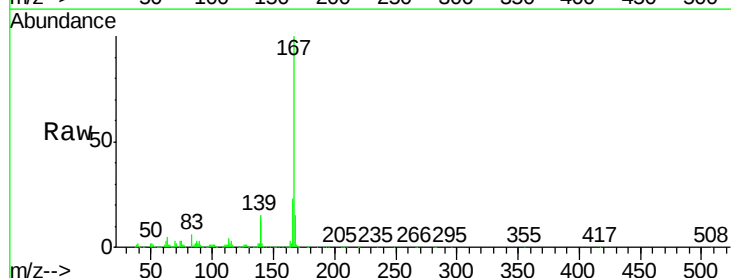
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

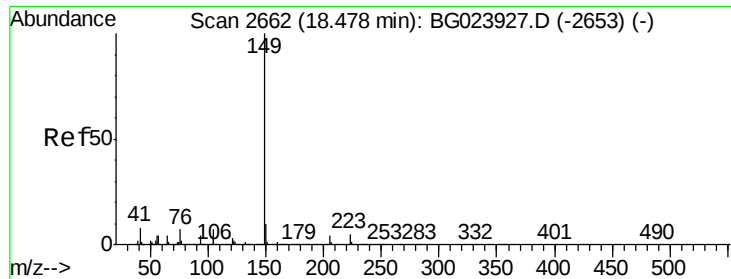
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.3	25.9
179	16.5	14.0	21.0



#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	Ratio	Lower	Upper
167	100		
166	23.2	20.7	31.1
139	15.1	11.9	17.9





#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

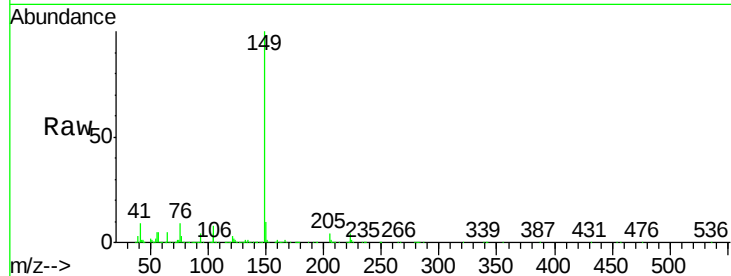
Tgt Ion:149 Resp: 966785

Ion Ratio Lower Upper

149 100

150 10.1 9.1 13.7

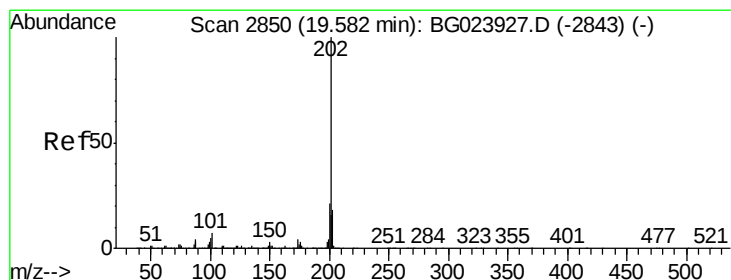
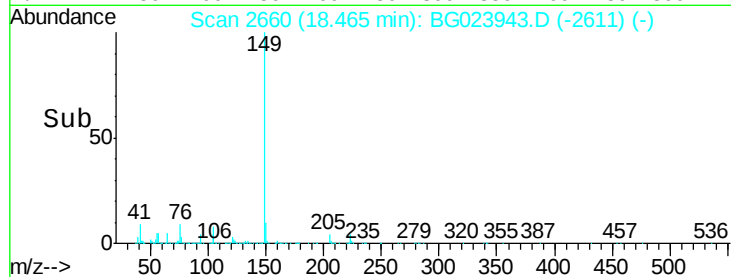
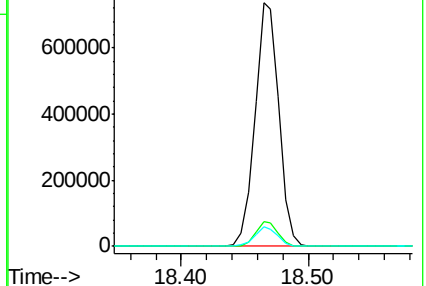
104 8.3 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 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

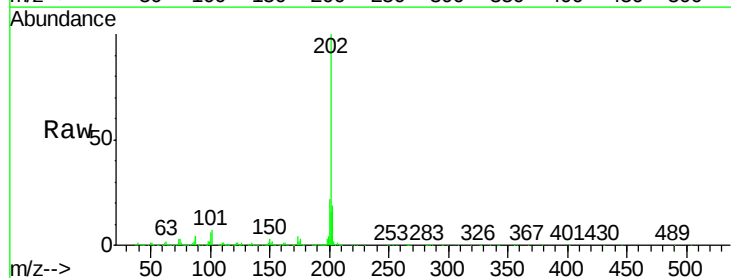
Tgt Ion:202 Resp: 1076520

Ion Ratio Lower Upper

202 100

101 6.7 0.0 27.4

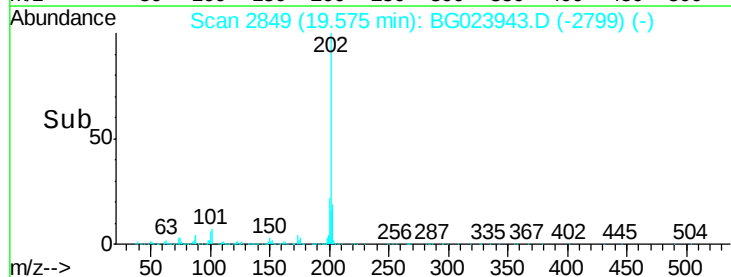
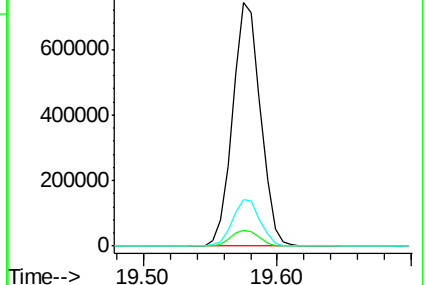
203 19.2 1.7 41.7

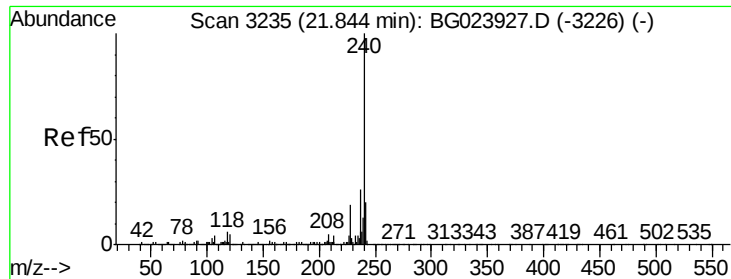


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 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

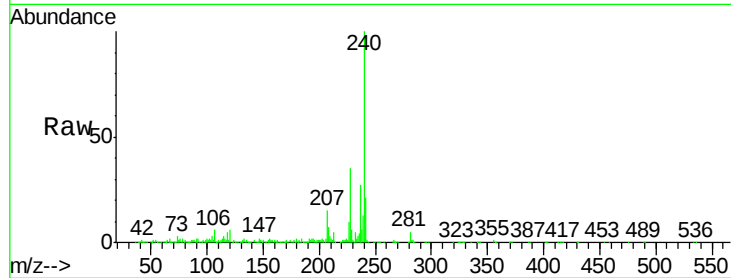
Tgt Ion:240 Resp: 344492

Ion Ratio Lower Upper

240 100

120 5.8 4.1 6.1

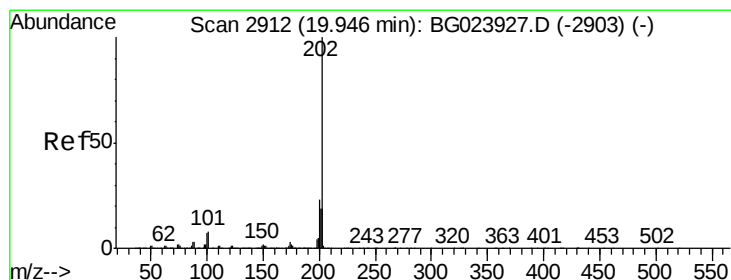
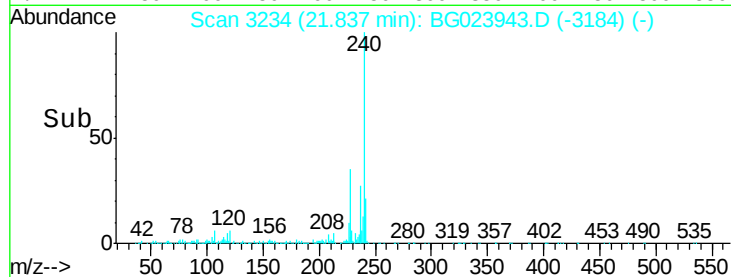
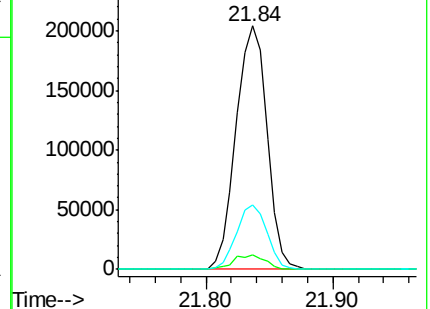
236 26.6 21.1 31.7



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



#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

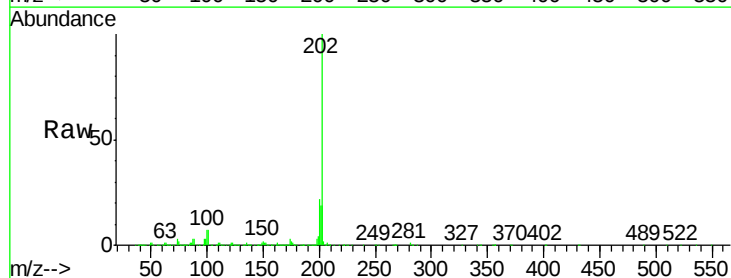
Tgt Ion:202 Resp: 1094206

Ion Ratio Lower Upper

202 100

200 22.2 21.2 31.8

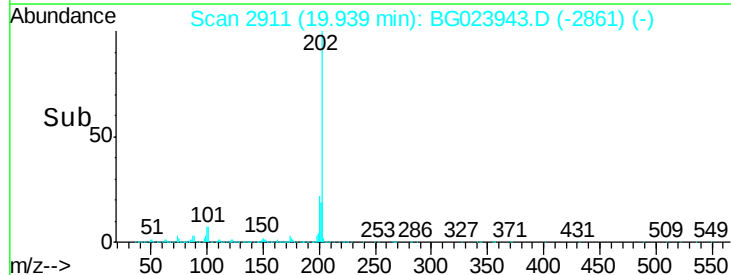
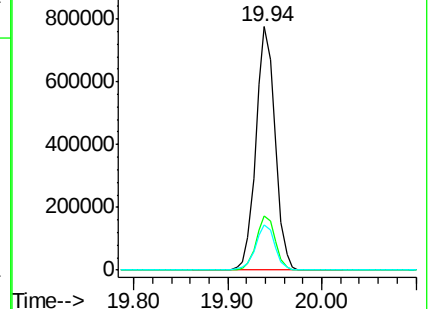
203 18.7 16.8 25.2

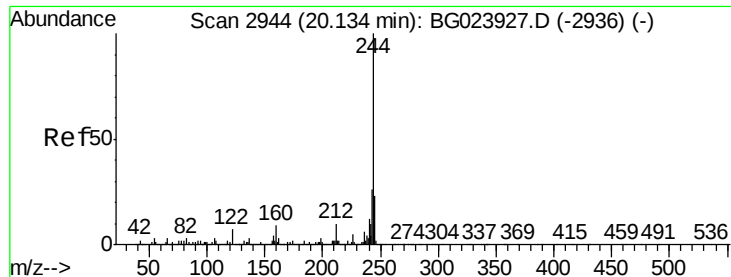


Abundance Ion 202.00 (201.70 to 202.70): E

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

Instrument :

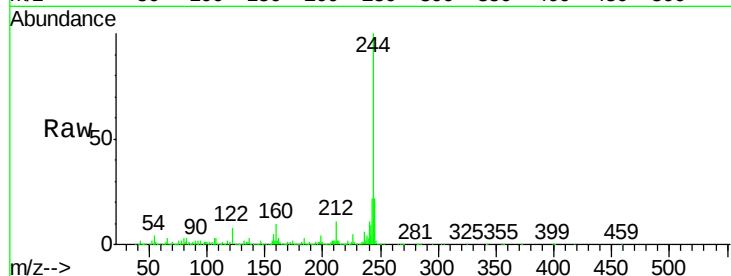
BNA_G

ClientSampleId :

11FT-SOILMS

Tgt Ion:244 Resp: 1556786

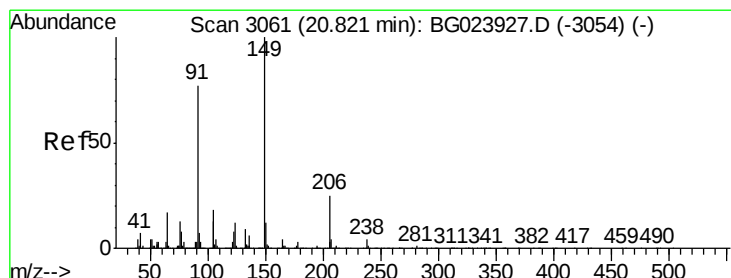
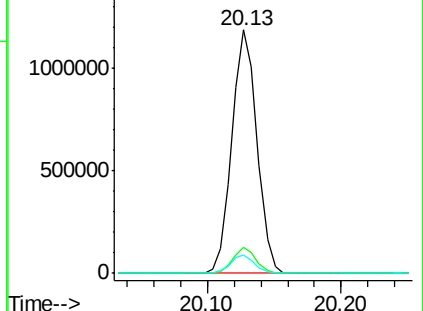
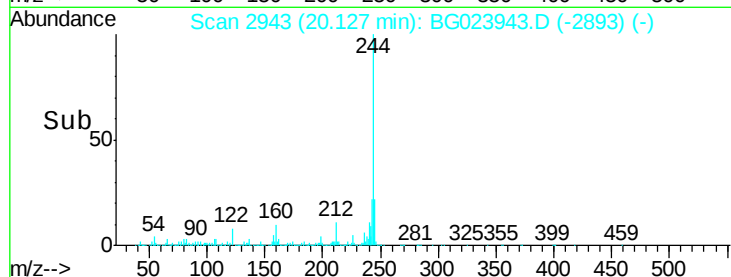
Ion	Ratio	Lower	Upper
244	100		
212	10.5	10.8	16.2#
122	7.7	8.0	12.0#



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

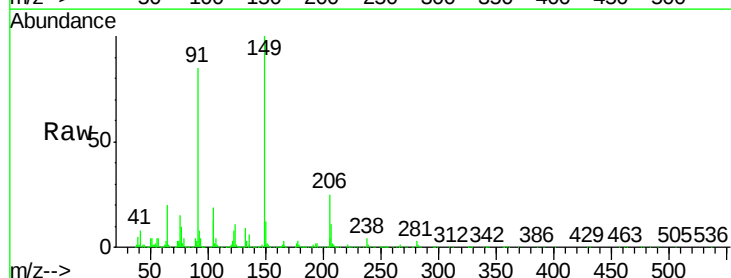
Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Tgt Ion:149 Resp: 419811

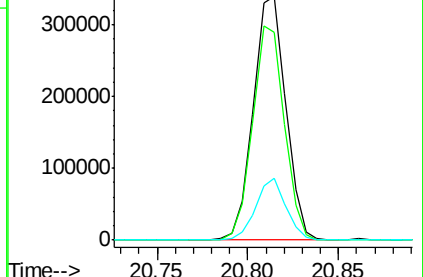
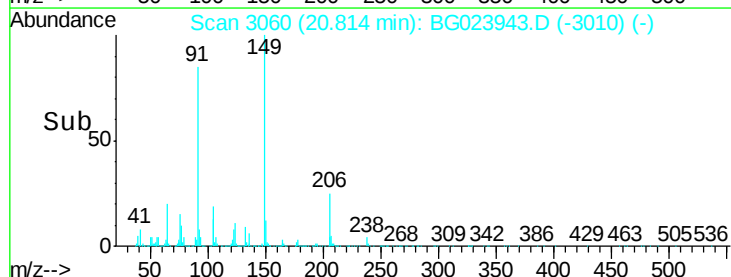
Ion	Ratio	Lower	Upper
149	100		
91	85.3	68.1	102.1
206	25.2	19.8	29.6

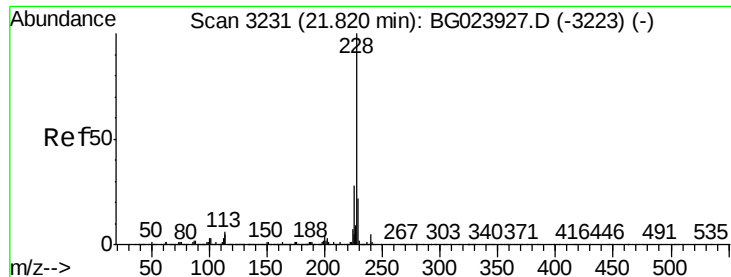


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E



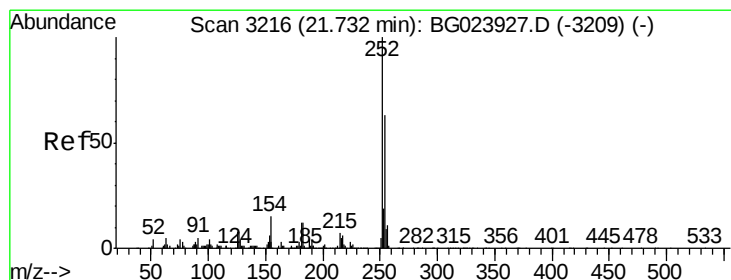
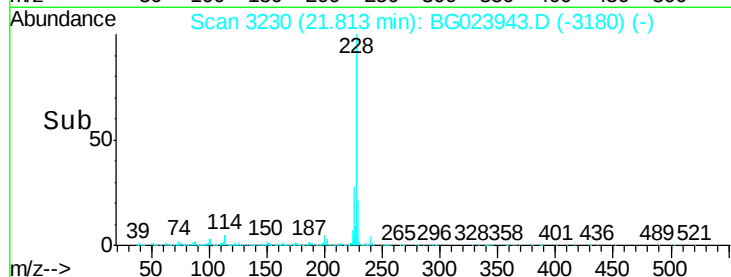
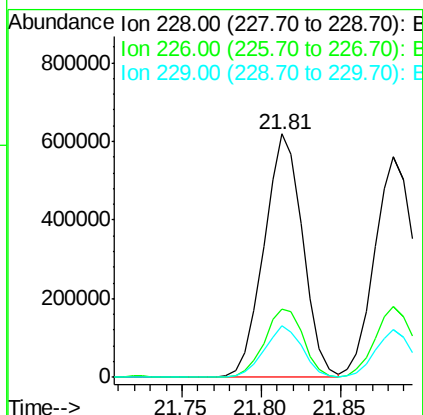
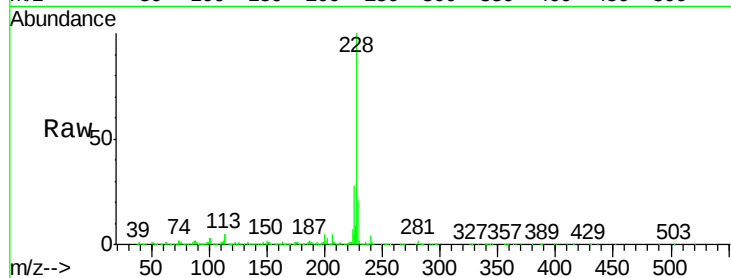


#80
Benzo(a)anthracene
Concen: 54.34 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Instrument :
BNA_G
ClientSampleId :
11FT-SOILMS

Tgt Ion: 228 Resp: 1047924

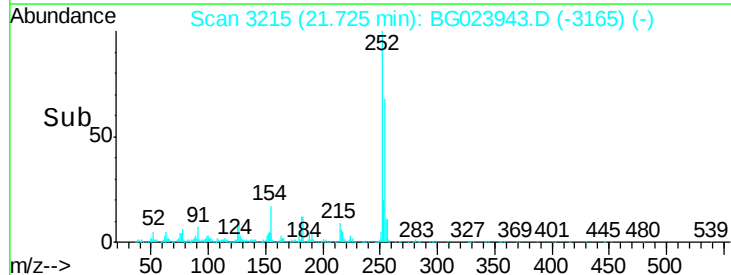
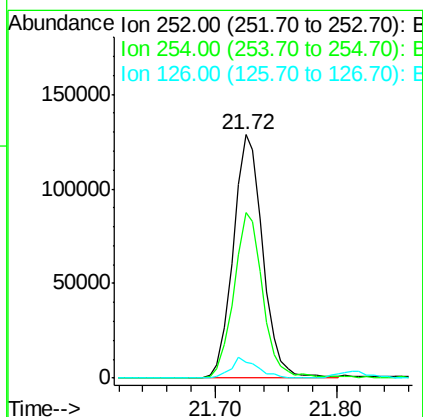
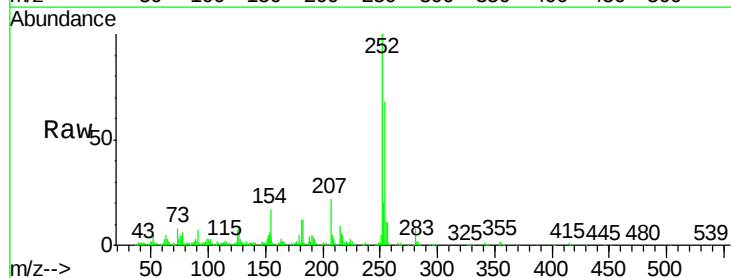
Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.3	37.9
229	21.0	19.9	29.9

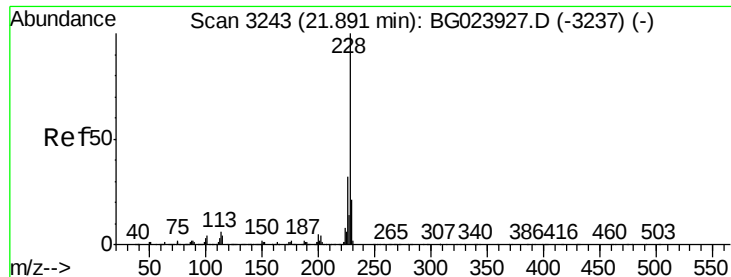


#81
3,3'-Dichlorobenzidine
Concen: 28.56 ng
RT: 21.72 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BG023943.D
Acq: 1 Sep 2016 21:43

Tgt Ion: 252 Resp: 220175

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

Instrument :

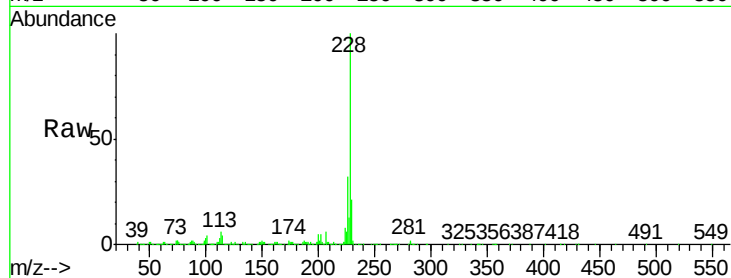
BNA_G

ClientSampleId :

11FT-SOILMS

Tgt Ion:228 Resp: 967650

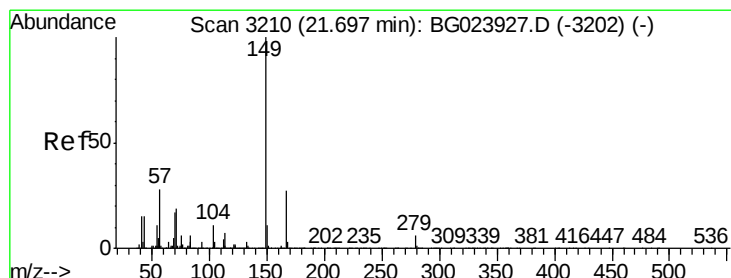
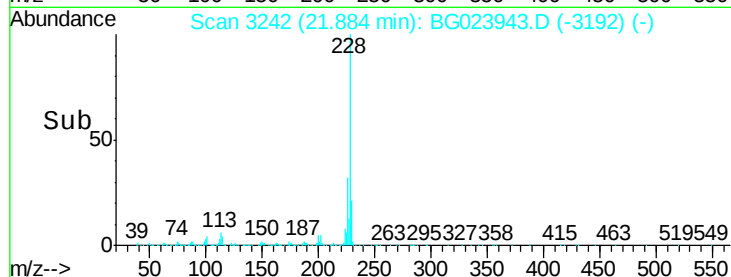
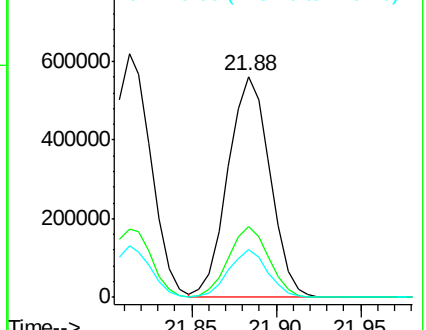
Ion	Ratio	Lower	Upper
228	100		
226	32.0	26.7	40.1
229	21.5	17.4	26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.08 ng

RT: 21.68 min Scan# 3208

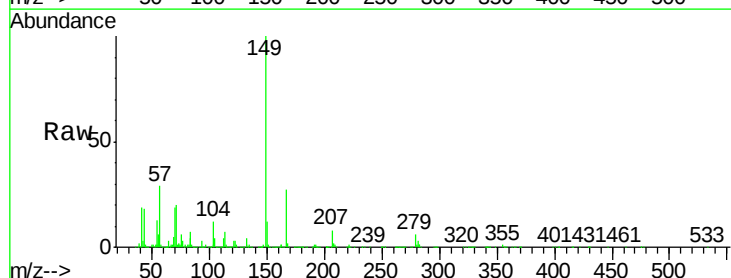
Delta R.T. -0.01 min

Lab File: BG023943.D

Acq: 1 Sep 2016 21:43

Tgt Ion:149 Resp: 571208

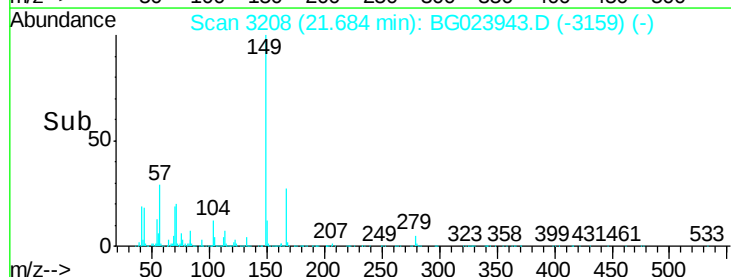
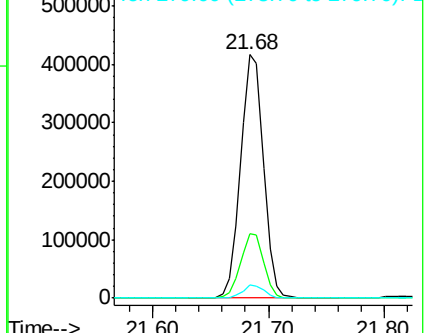
Ion	Ratio	Lower	Upper
149	100		
167	26.6	24.0	36.0
279	5.5	4.8	7.2

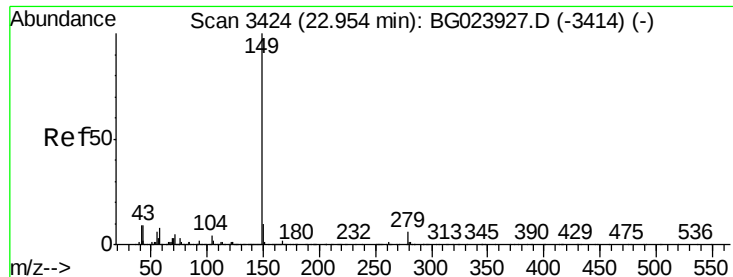


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

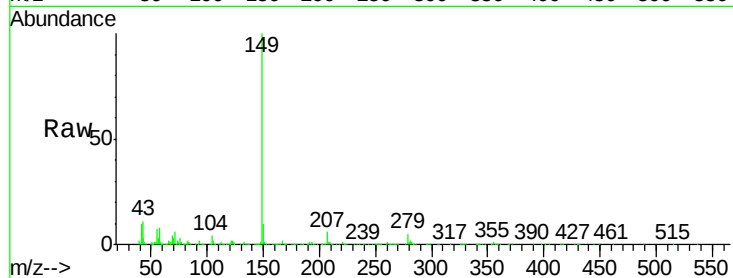
Tgt Ion:149 Resp: 938841

Ion Ratio Lower Upper

149 100

167 1.9 1.5 2.3

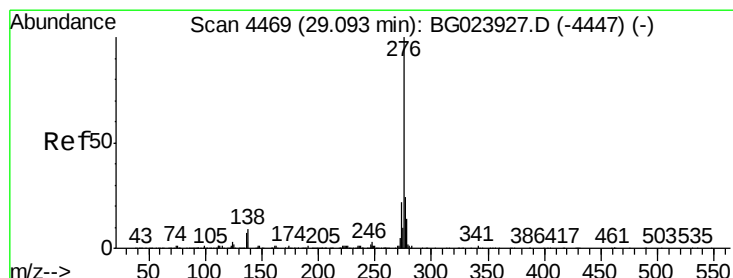
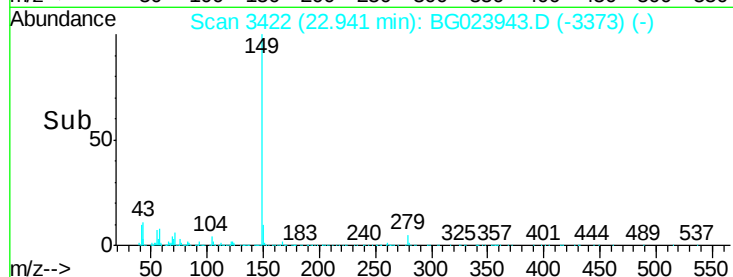
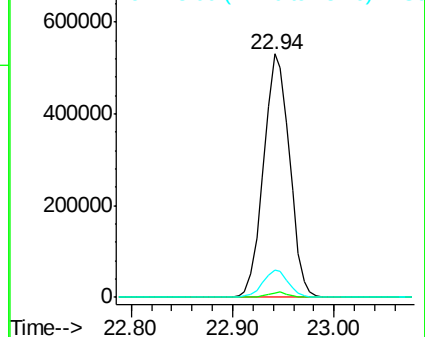
43 11.0 8.8 13.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#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

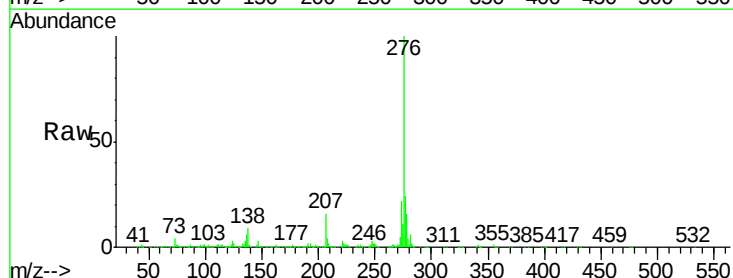
Tgt Ion:276 Resp: 1101696

Ion Ratio Lower Upper

276 100

138 0.0 0.0 0.0

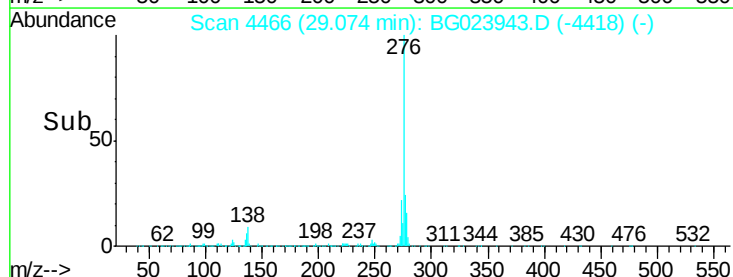
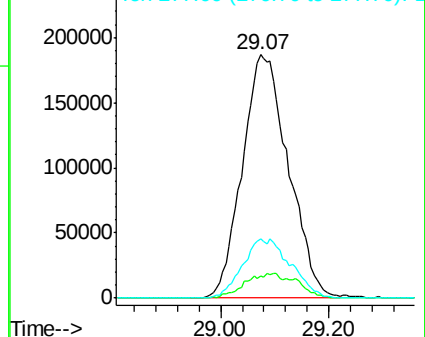
277 13.2 0.0 0.0#

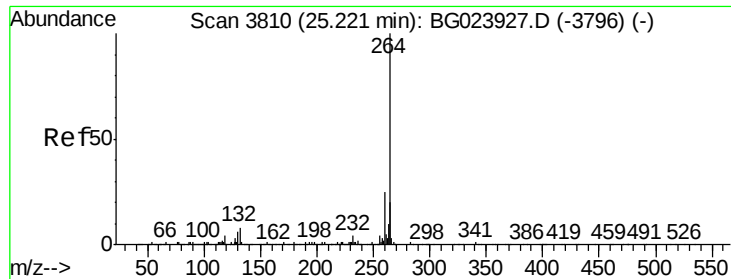


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

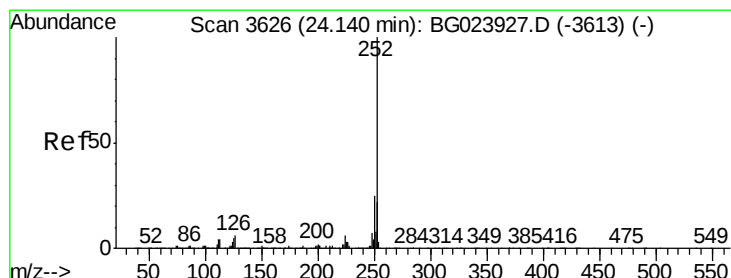
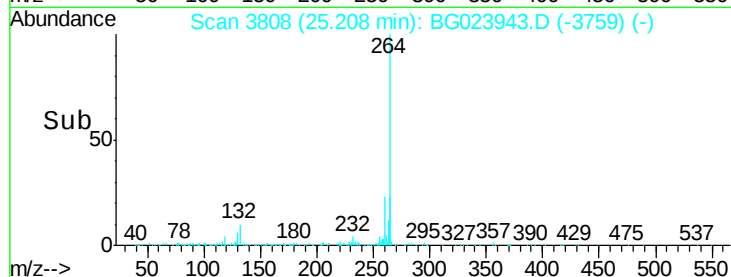
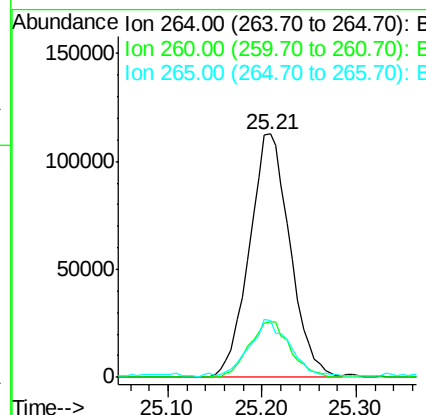
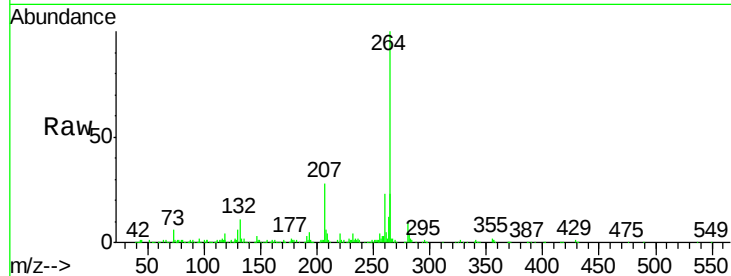




#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.21 min Scan# 3808
 Delta R.T. -0.01 min
 Lab File: BG023943.D
 Acq: 1 Sep 2016 21:43

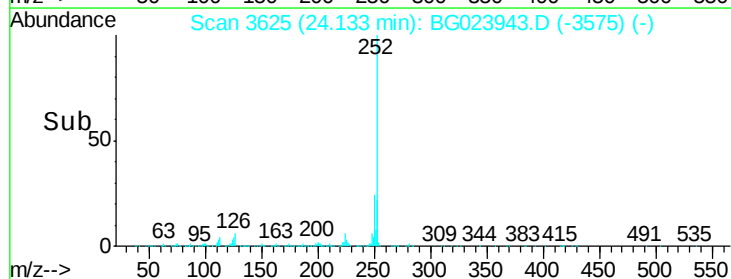
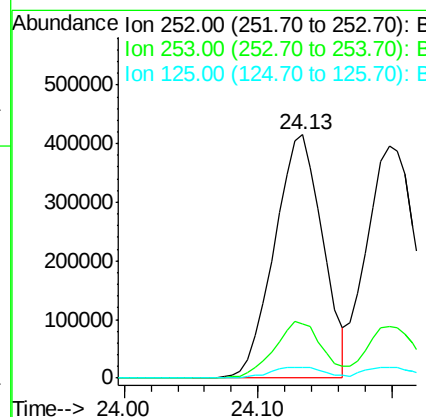
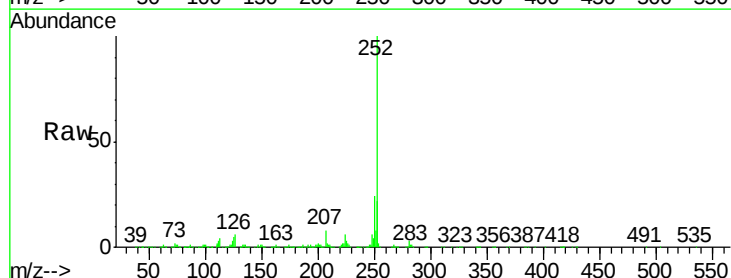
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMS

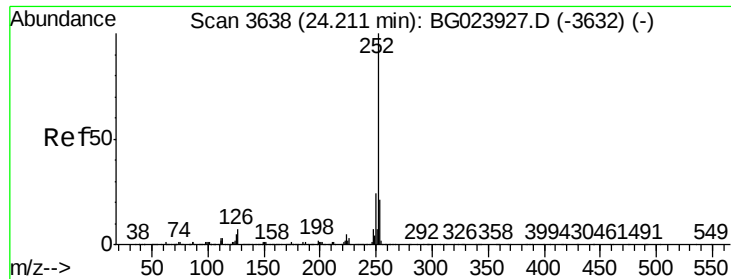
Tgt Ion:264 Resp: 337176
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 23.1 18.9 28.3



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

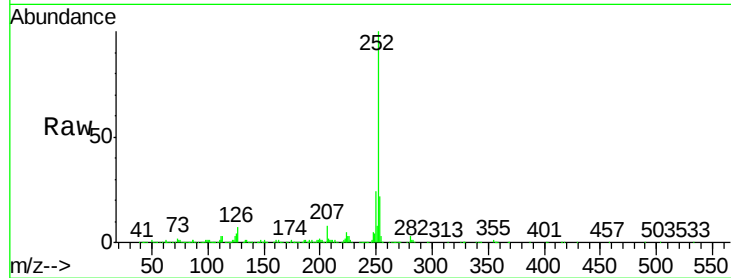
Tgt Ion:252 Resp: 1011532

Ion Ratio Lower Upper

252 100

253 22.4 18.8 28.2

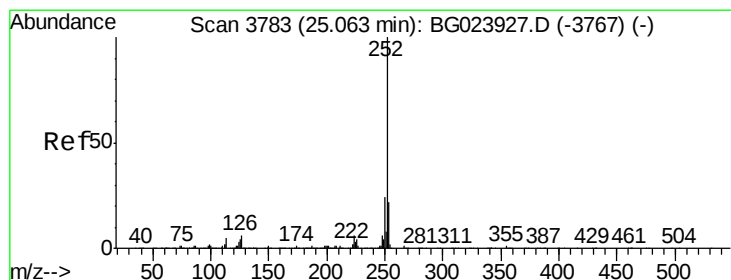
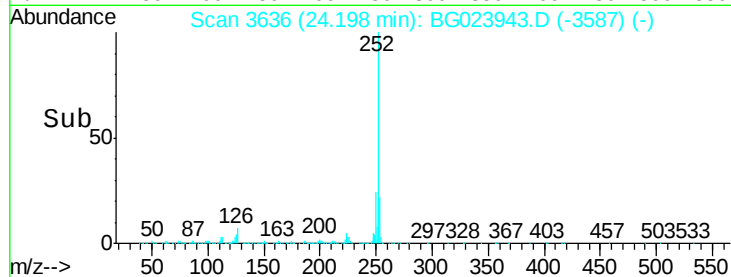
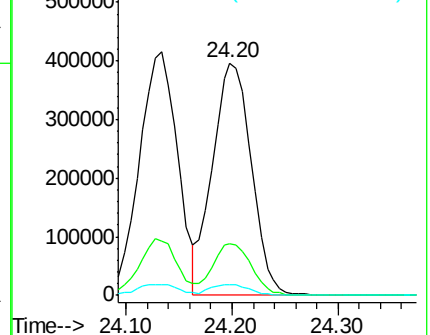
125 4.5 3.2 4.8



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

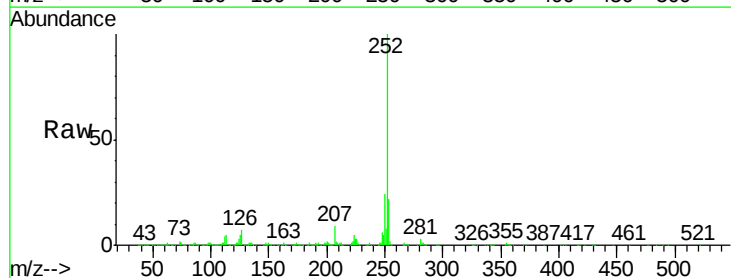
Tgt Ion:252 Resp: 1002951

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

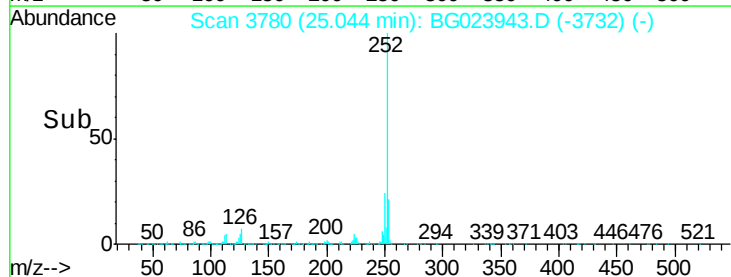
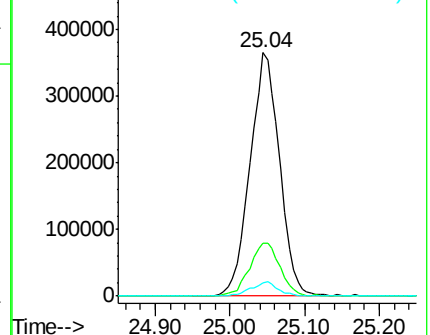
125 5.3 3.9 5.9

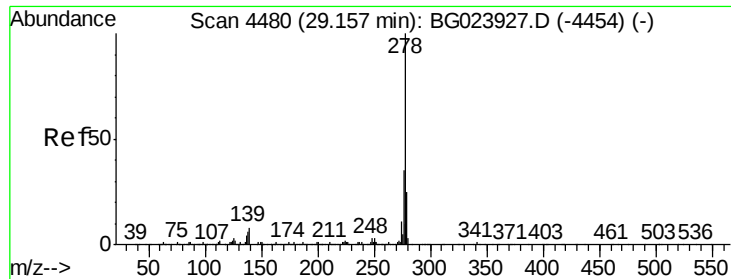


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMS

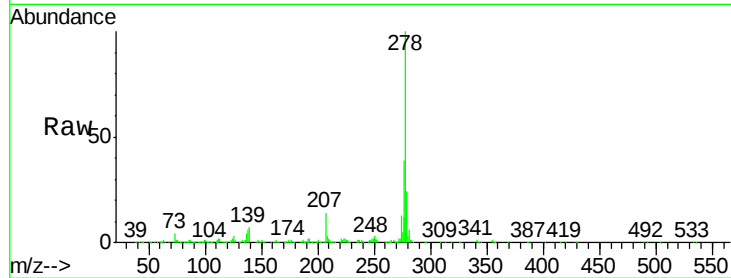
Tgt Ion:278 Resp: 934239

Ion Ratio Lower Upper

278 100

139 6.9 4.7 7.1

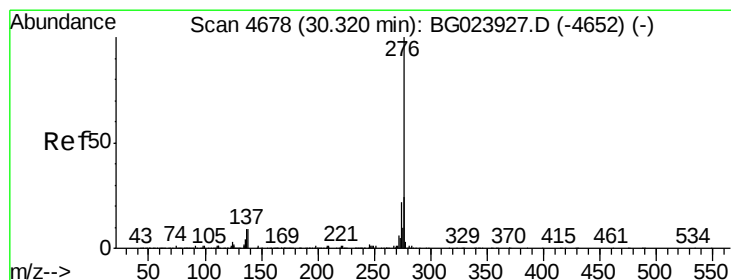
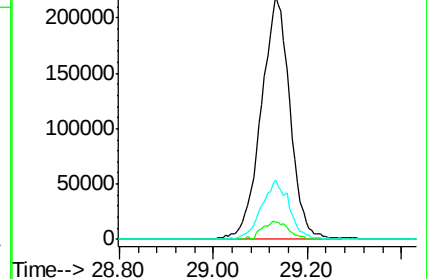
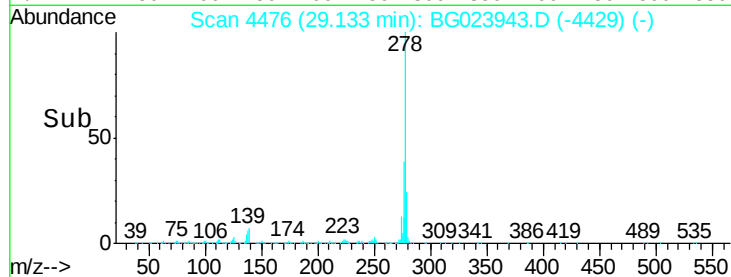
279 24.3 18.3 27.5



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

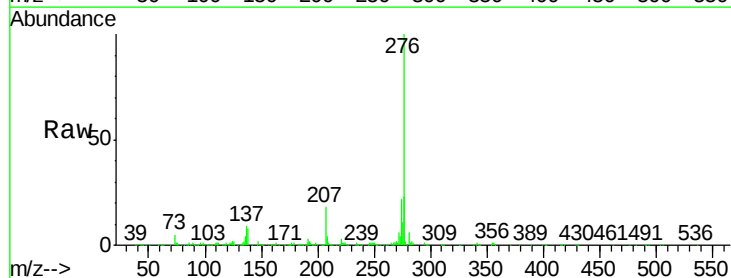
Tgt Ion:276 Resp: 935117

Ion Ratio Lower Upper

276 100

277 22.5 18.6 27.8

138 8.4 6.8 10.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

