

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023944.D
 Acq On : 1 Sep 2016 22:20
 Operator : UM/SJ
 Sample : H4635-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

Quant Time: Sep 02 08:32:05 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	29929	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	147919	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	118432	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	322410	20.00	ng	0.00
75) Chrysene-d12	21.84	240	339421	20.00	ng	0.00
86) Perylene-d12	25.20	264	335079	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	270166	158.48	ng	0.00
7) Phenol-d6	7.26	99	398699	151.94	ng	0.00
23) Nitrobenzene-d5	9.27	82	329380	99.41	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	299525	140.37	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	745859	90.29	ng	0.00
78) Terphenyl-d14	20.13	244	1500224	100.66	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29791	42.38	ng	# 78
3) Pyridine	3.91	79	70627	33.43	ng	95
4) n-Nitrosodimethylamine	3.81	42	67080	60.23	ng	# 87
6) Aniline	7.41	93	76424	21.94	ng	94
8) 2-Chlorophenol	7.65	128	103869	52.59	ng	97
9) Benzaldehyde	7.23	77	18071	9.69	ng	# 87
10) Phenol	7.29	94	135235	48.99	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	96839	44.59	ng	88
12) 1,3-Dichlorobenzene	7.97	146	109179	47.23	ng	94
13) 1,4-Dichlorobenzene	8.12	146	110181	44.99	ng	95
14) 1,2-Dichlorobenzene	8.44	146	105891	46.07	ng	95
15) Benzyl Alcohol	8.34	79	141809	61.30	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	136799	46.99	ng	94
17) 2-Methylphenol	8.55	107	102545	55.14	ng	93
18) Hexachloroethane	9.17	117	43877	46.53	ng	96
19) n-Nitroso-di-n-propylamine	8.90	70	118355	51.05	ng	96
20) 3+4-Methylphenols	8.88	107	139088	53.66	ng	99
22) Acetophenone	8.92	105	166485	43.47	ng	# 97
24) Nitrobenzene	9.31	77	174128	48.87	ng	96
25) Isophorone	9.83	82	319706	49.76	ng	96
26) 2-Nitrophenol	10.03	139	65781	48.57	ng	90
27) 2,4-Dimethylphenol	10.09	122	124960	54.29	ng	88
28) bis(2-Chloroethoxy)methane	10.31	93	156230	48.16	ng	# 96
29) 2,4-Dichlorophenol	10.58	162	132969	54.52	ng	95
30) 1,2,4-Trichlorobenzene	10.77	180	127943	47.83	ng	98
31) Naphthalene	10.97	128	368355	48.33	ng	97
32) Benzoic acid	10.26	122	72481	38.77	ng	# 86
33) 4-Chloroaniline	11.11	127	17923	5.63	ng	# 90
34) Hexachlorobutadiene	11.24	225	94628	47.10	ng	91
35) Caprolactam	11.90	113	41260m	48.00	ng	
36) 4-Chloro-3-methylphenol	12.23	107	173307	53.18	ng	98
37) 2-Methylnaphthalene	12.58	142	297033	51.23	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	157148	39.98	ng	98
40) Hexachlorocyclopentadiene	12.91	237	190299	80.31	ng	95

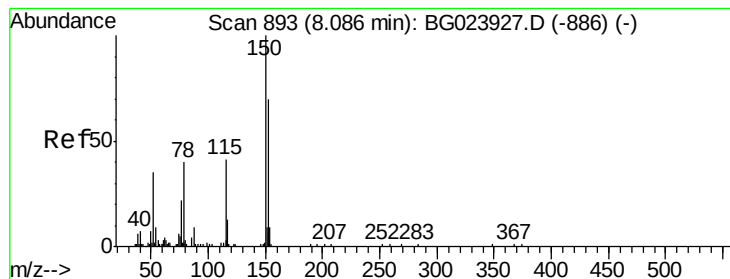
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090116\
 Data File : BG023944.D
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	127767	48.71	ng	96
43) 2,4,5-Trichlorophenol	13.28	196	138760	52.33	ng	94
45) 1,1'-Biphenyl	13.58	154	384298	40.34	ng	98
46) 2-Chloronaphthalene	13.63	162	333924	47.75	ng	95
47) 2-Nitroaniline	13.85	65	151748	55.09	ng	99
48) Acenaphthylene	14.48	152	549272	47.12	ng	98
49) Dimethylphthalate	14.21	163	504787	49.71	ng	98
50) 2,6-Dinitrotoluene	14.33	165	108537	50.63	ng	96
51) Acenaphthene	14.82	154	356803	49.51	ng	98
52) 3-Nitroaniline	14.69	138	31662	15.79	ng	92
53) 2,4-Dinitrophenol	14.89	184	152651	95.98	ng	91
54) Dibenzofuran	15.16	168	594120	52.82	ng	99
55) 4-Nitrophenol	15.01	139	152279	95.45	ng	# 82
56) 2,4-Dinitrotoluene	15.13	165	157995	50.14	ng	# 83
57) Fluorene	15.81	166	494469	50.69	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.39	232	152673	56.72	ng	92
59) Diethylphthalate	15.57	149	545692	50.33	ng	98
60) 4-Chlorophenyl-phenylether	15.79	204	265641	50.59	ng	94
61) 4-Nitroaniline	15.86	138	96787	47.75	ng	92
62) Azobenzene	16.09	77	600974	57.24	ng	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	110144	49.21	ng	82
65) n-Nitrosodiphenylamine	16.01	169	454452	49.63	ng	95
66) 4-Bromophenyl-phenylether	16.70	248	202400	51.60	ng	96
67) Hexachlorobenzene	16.82	284	208252	45.27	ng	96
68) Atrazine	16.97	200	186356	47.30	ng	97
69) Pentachlorophenol	17.17	266	233206	95.44	ng	98
70) Phenanthrene	17.57	178	879798	52.46	ng	98
71) Anthracene	17.65	178	874256	51.10	ng	98
72) Carbazole	17.94	167	784200	50.51	ng	97
73) Di-n-butylphthalate	18.46	149	952950	51.45	ng	98
74) Fluoranthene	19.57	202	1077594	53.36	ng	97
76) Benzidine	19.80	184	66375m	6.32	ng	
77) Pyrene	19.94	202	1076560	51.57	ng	93
79) Butylbenzylphthalate	20.81	149	407311	50.61	ng	98
80) Benzo(a)anthracene	21.81	228	1007691	53.04	ng	93
81) 3,3'-Dichlorobenzidine	21.72	252	171637	22.60	ng	# 96
82) Chrysene	21.88	228	938123	51.87	ng	97
83) Bis(2-ethylhexyl)phthalate	21.68	149	551612	50.06	ng	95
84) Di-n-octyl phthalate	22.94	149	915641	50.67	ng	100
85) Indeno(1,2,3-cd)pyrene	29.07	276	1059962	52.93	ng	# 100
87) Benzo(b)fluoranthene	24.13	252	1016773	53.42	ng	98
88) Benzo(k)fluoranthene	24.20	252	946078	50.13	ng	# 99
89) Benzo(a)pyrene	25.05	252	960626	53.15	ng	95
90) Dibenzo(a,h)anthracene	29.13	278	899675	50.61	ng	# 99
91) Benzo(g,h,i)perylene	30.28	276	891749	52.16	ng	# 96

(#) = 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: BG023944.D

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Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

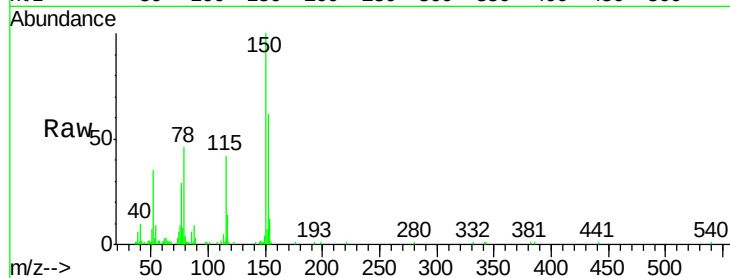
Tgt Ion:152 Resp: 29929

Ion Ratio Lower Upper

152 100

150 160.1 144.7 217.1

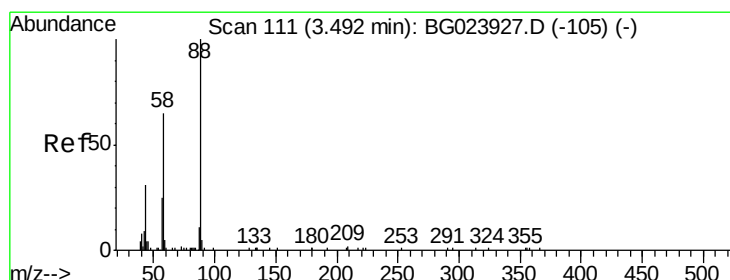
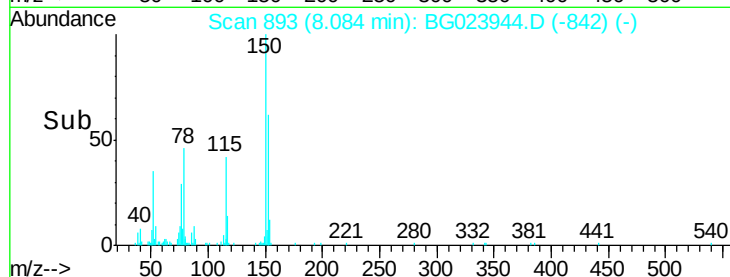
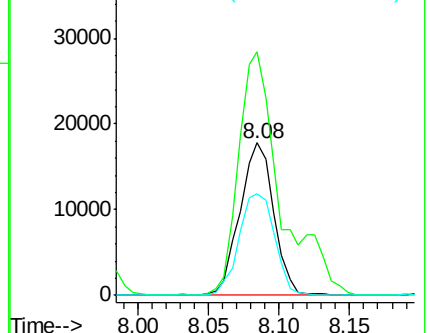
115 66.6 64.0 96.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 42.38 ng

RT: 3.49 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

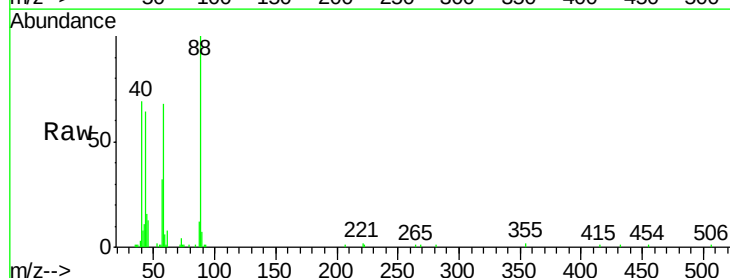
Tgt Ion: 88 Resp: 29791

Ion Ratio Lower Upper

88 100

58 80.6 60.4 90.6

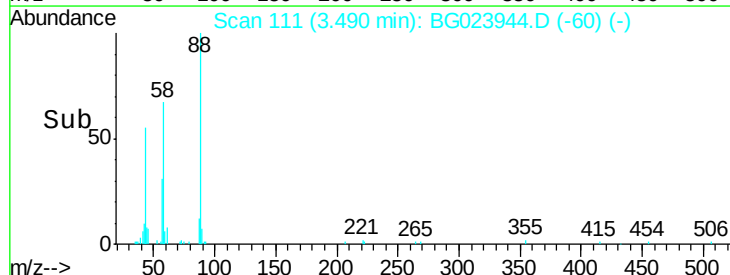
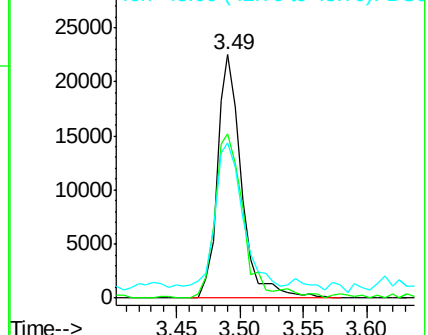
43 70.6 31.1 46.7#

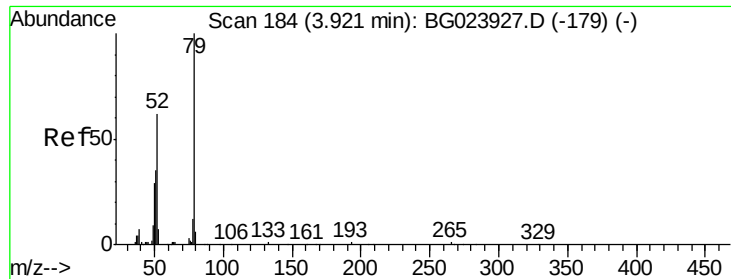


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 33.43 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

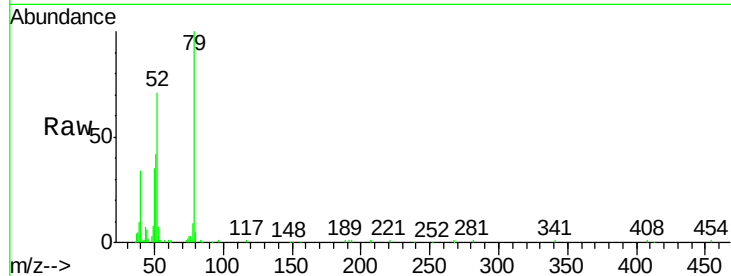
Tgt Ion: 79 Resp: 70627

Ion Ratio Lower Upper

79 100

52 70.5 51.8 77.8

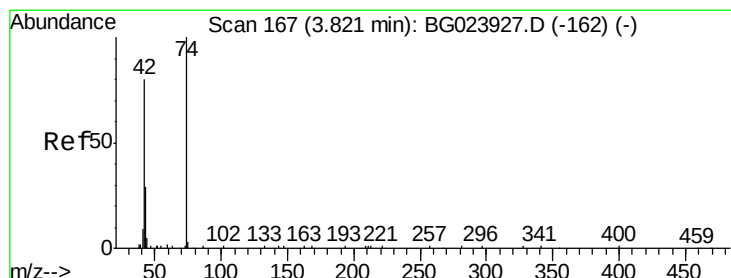
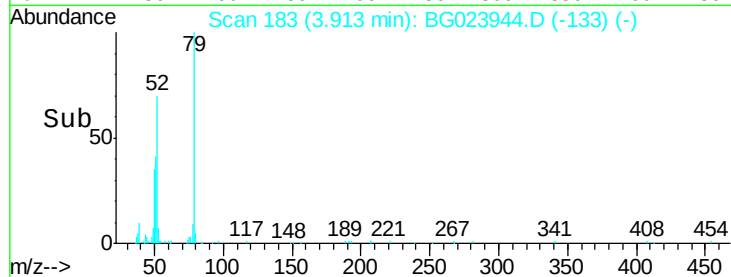
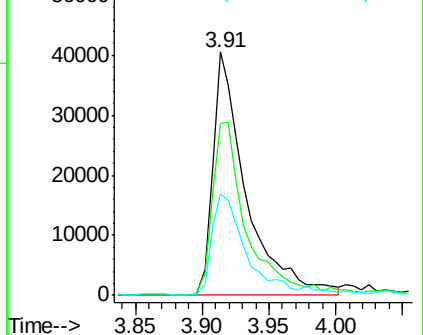
51 41.6 32.7 49.1



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: 60.23 ng

RT: 3.81 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

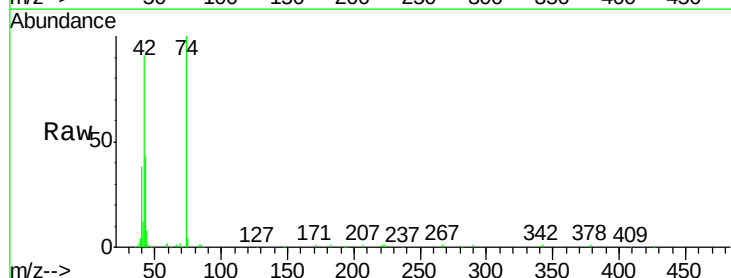
Tgt Ion: 42 Resp: 67080

Ion Ratio Lower Upper

42 100

74 110.3 100.6 150.8

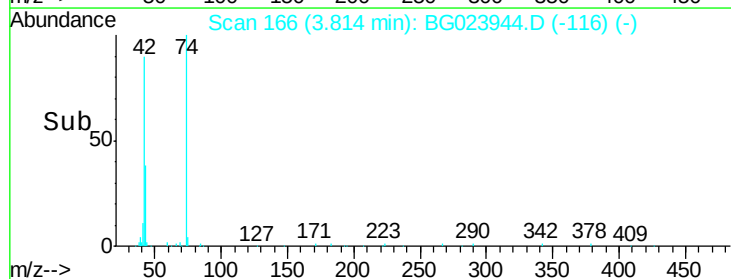
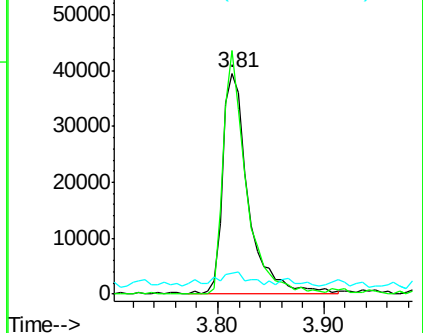
44 9.4 4.5 6.7#

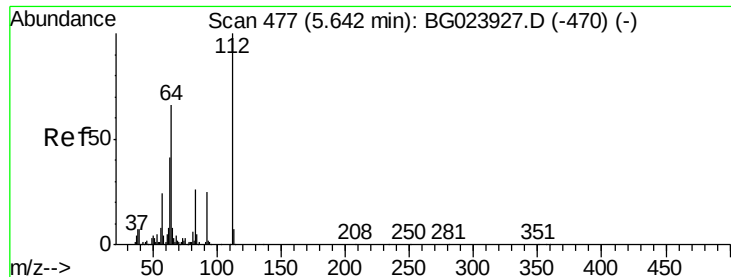


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 158.48 ng

RT: 5.63 min Scan# 476

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

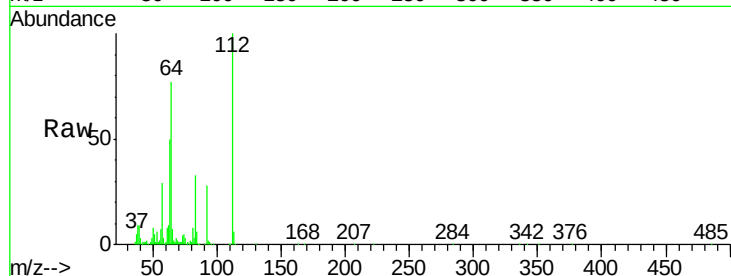
Tgt Ion: 112 Resp: 270166

Ion Ratio Lower Upper

112 100

64 76.7 59.0 88.4

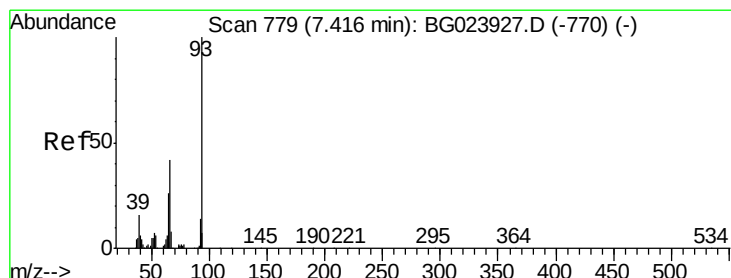
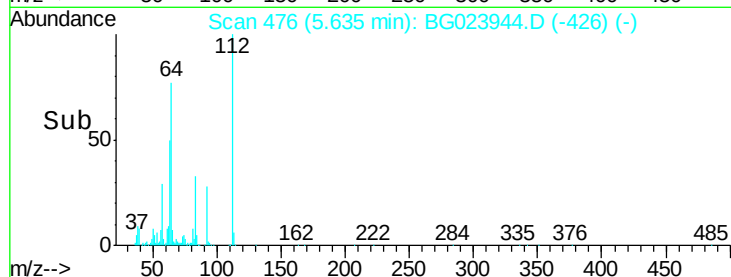
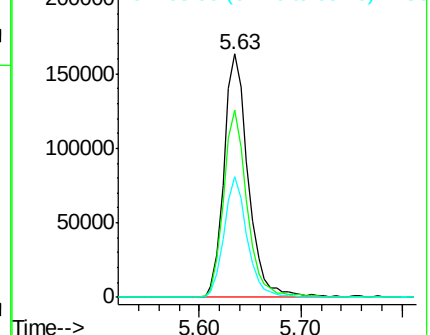
63 49.6 37.8 56.8



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: 21.94 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

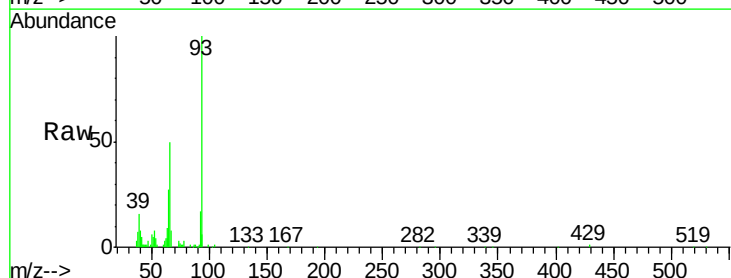
Tgt Ion: 93 Resp: 76424

Ion Ratio Lower Upper

93 100

66 50.2 37.5 56.3

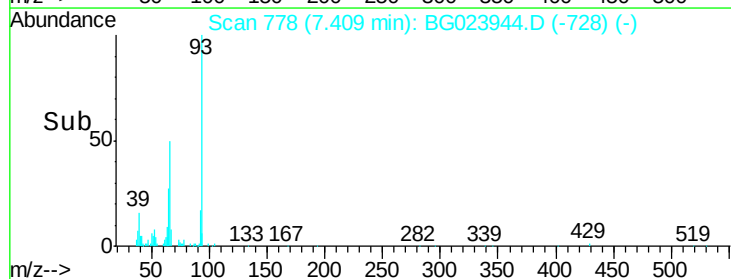
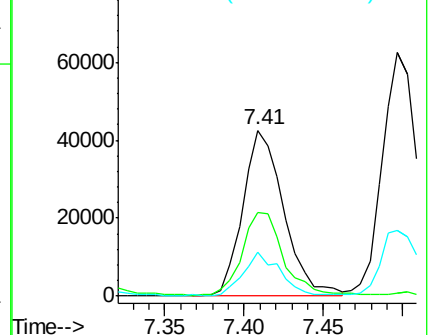
65 26.9 17.9 26.9

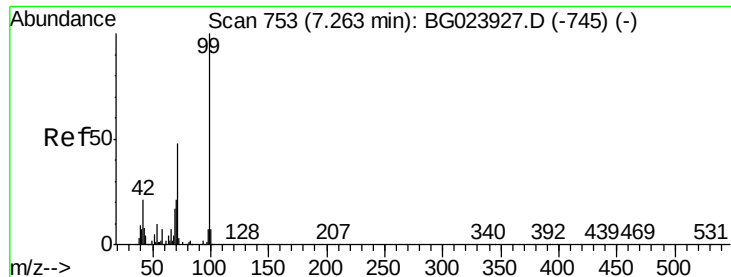


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.94 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

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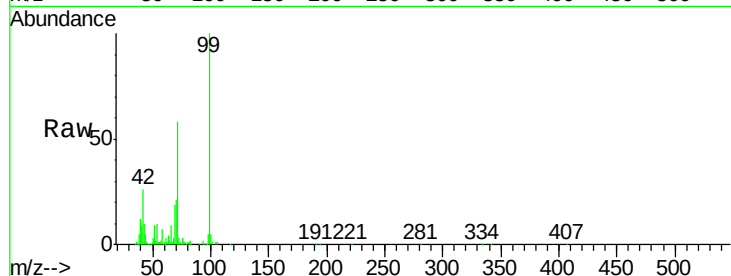
Tgt Ion: 99 Resp: 398699

Ion Ratio Lower Upper

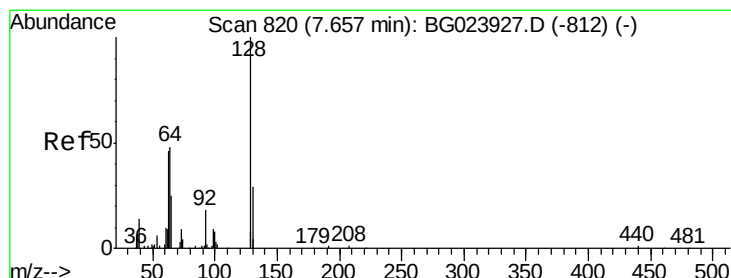
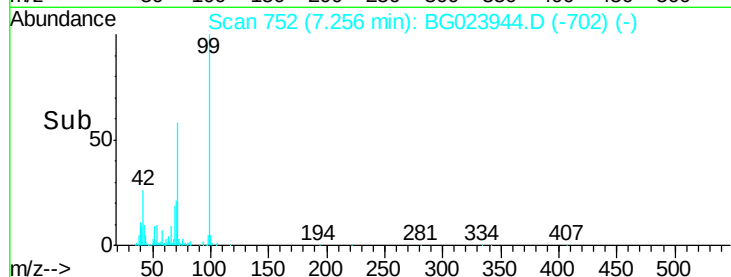
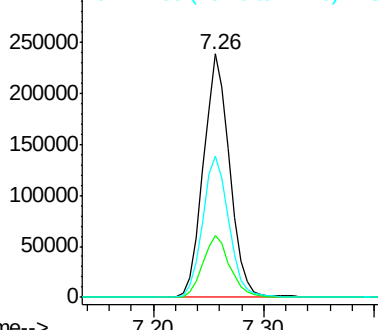
99 100

42 25.5 17.8 26.6

71 57.9 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: 52.59 ng

RT: 7.65 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

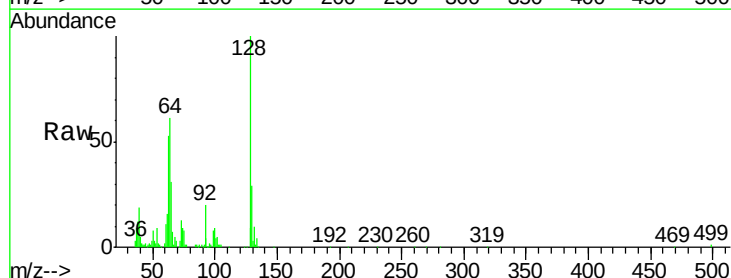
Tgt Ion: 128 Resp: 103869

Ion Ratio Lower Upper

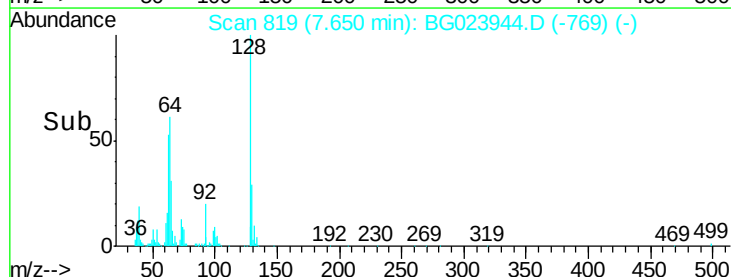
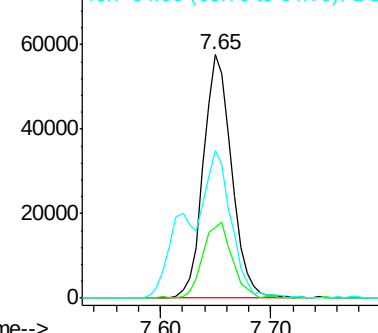
128 100

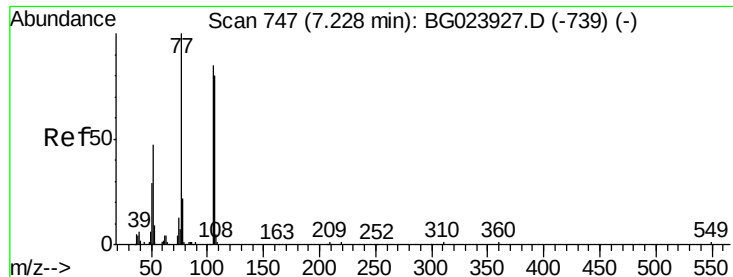
130 29.0 12.9 52.9

64 60.8 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: 9.69 ng

RT: 7.23 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

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ClientSampleId :

11FT-SOILMSD

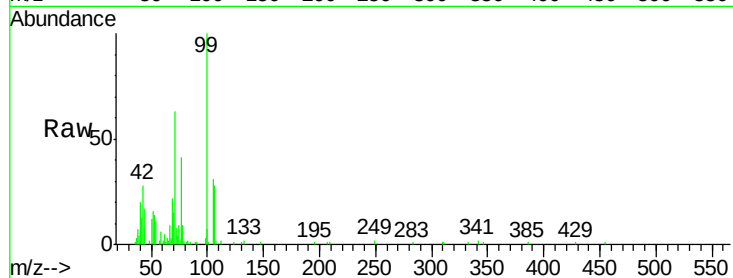
Tgt Ion: 77 Resp: 18071

Ion Ratio Lower Upper

77 100

105 76.1 58.7 98.7

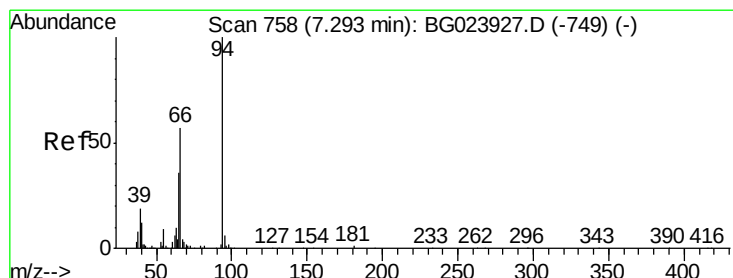
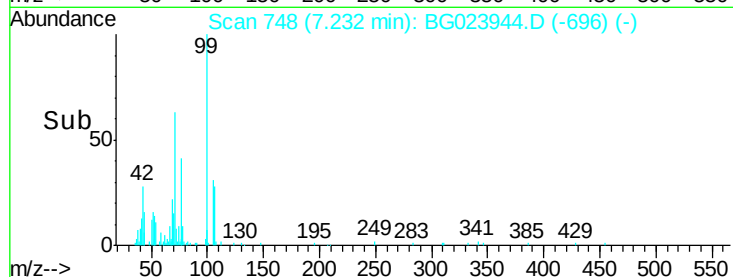
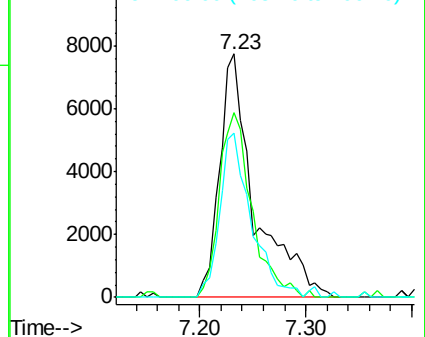
106 67.2 67.5 107.5#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.99 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

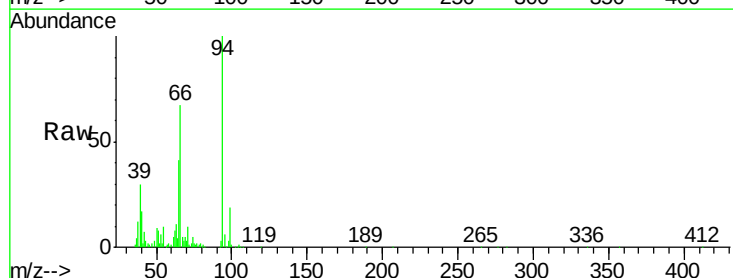
Tgt Ion: 94 Resp: 135235

Ion Ratio Lower Upper

94 100

65 41.1 18.1 58.1

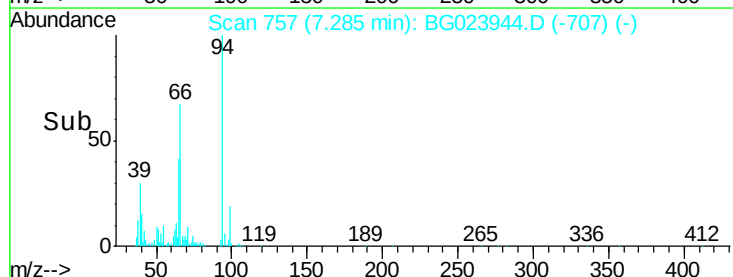
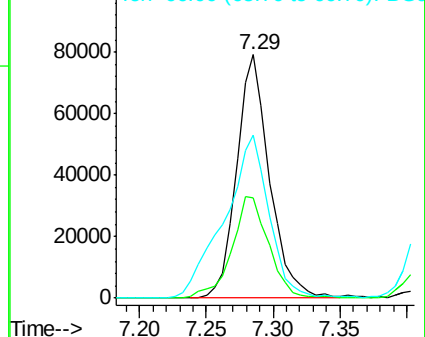
66 66.8 42.1 82.1

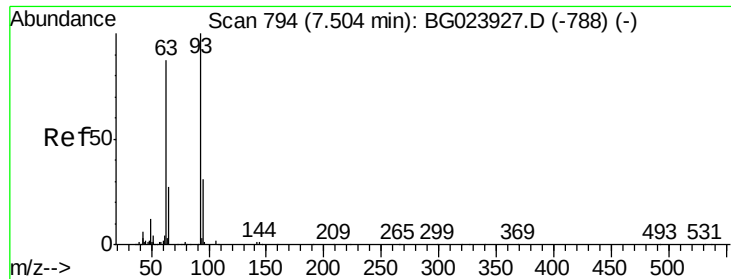


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

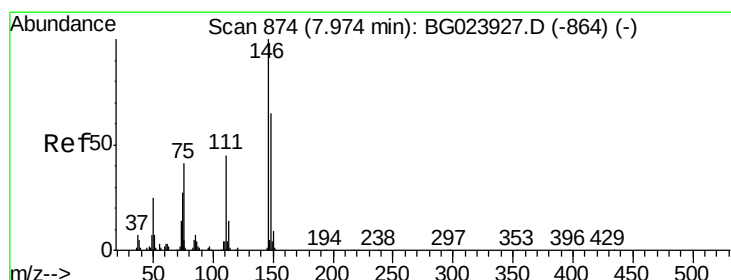
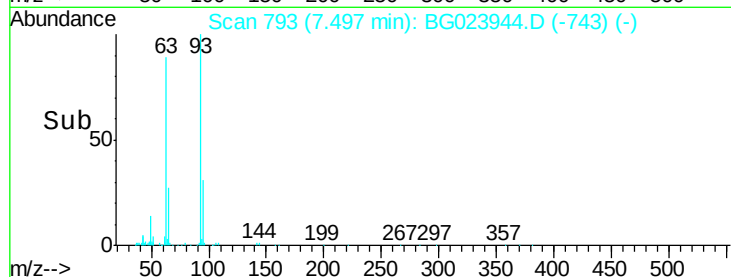
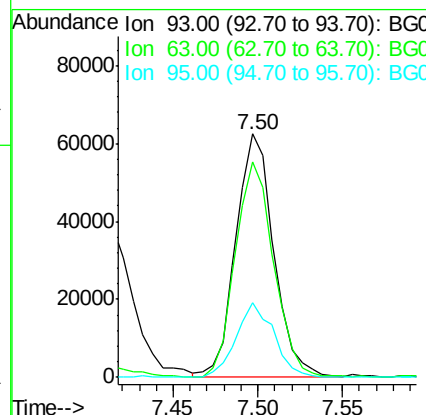
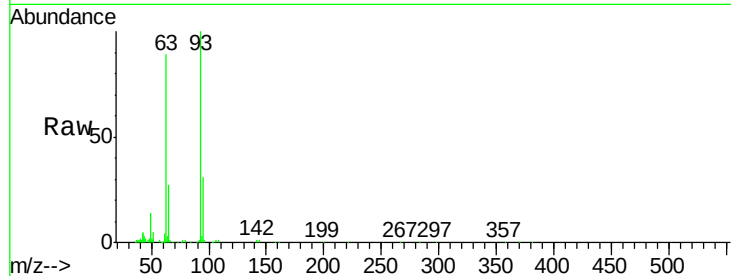




#11
bis(2-Chloroethyl)ether
Concen: 44.59 ng
RT: 7.50 min Scan# 793
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

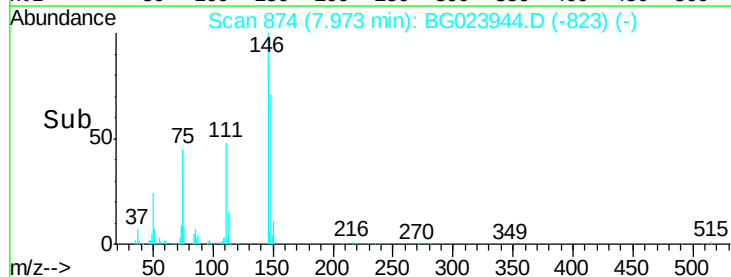
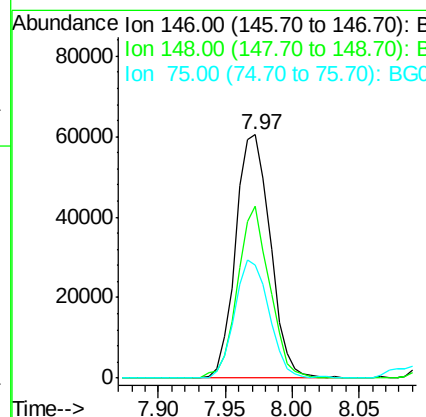
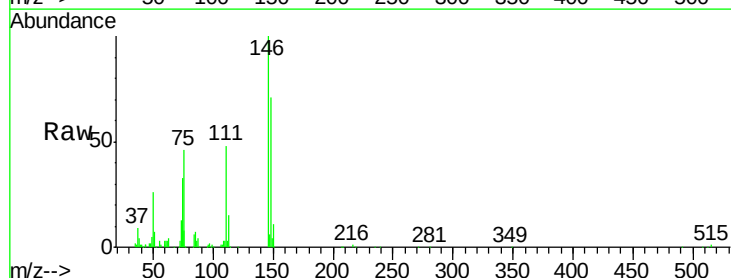
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

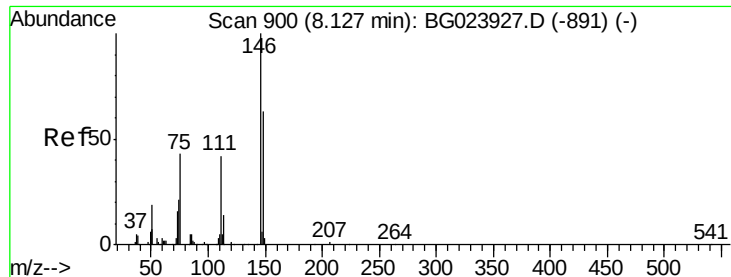
Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.7	55.0	95.0
95	30.5	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 47.23 ng
RT: 7.97 min Scan# 874
Delta R.T. -0.00 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	70.8	50.3	75.5
75	46.3	37.0	55.6

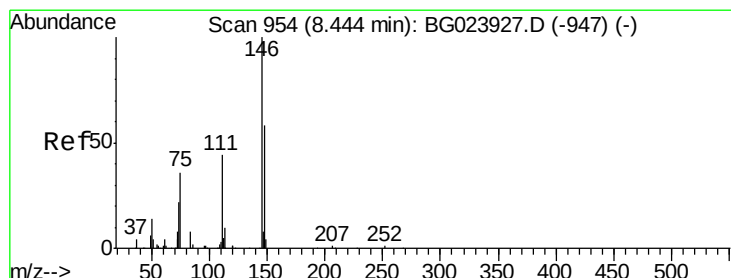
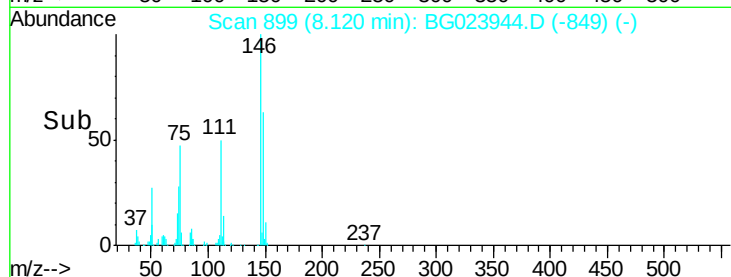
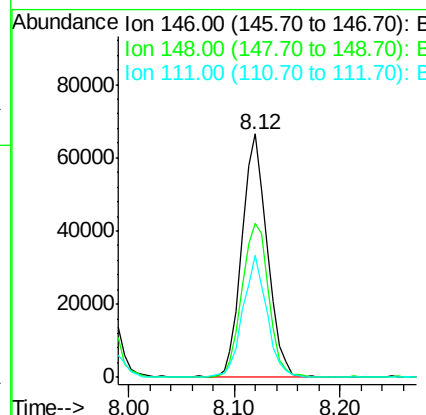
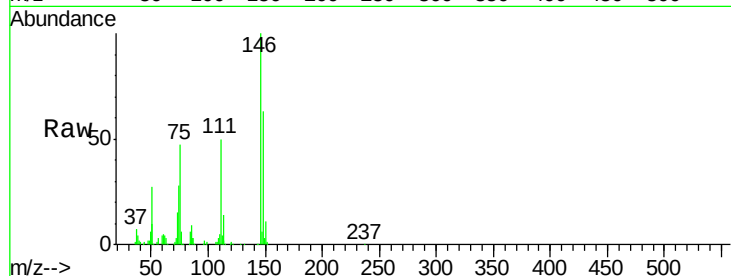




#13
 1,4-Dichlorobenzene
 Concen: 44.99 ng
 RT: 8.12 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

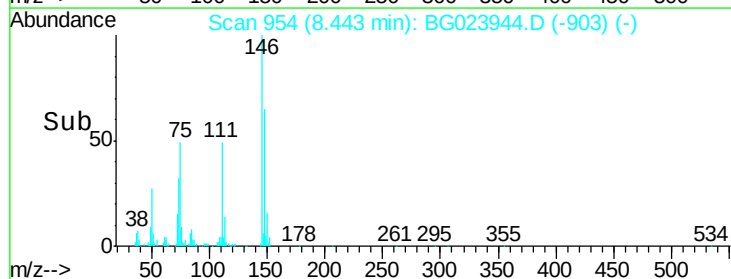
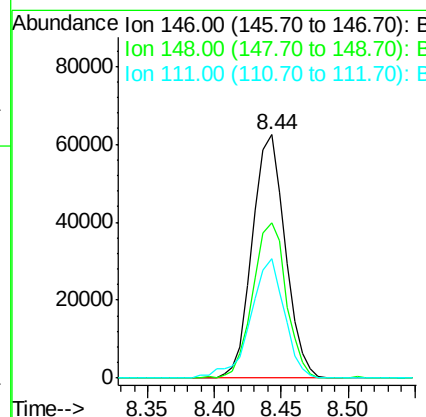
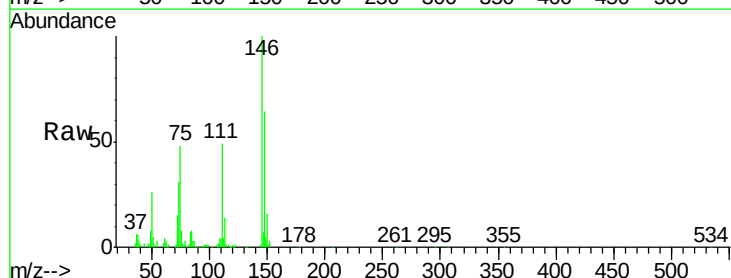
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

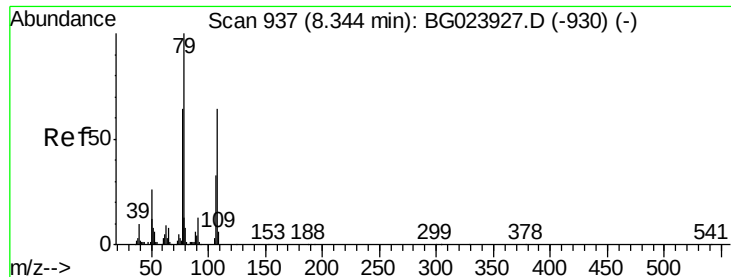
Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	54.5	81.7
111	50.3	37.8	56.8



#14
 1,2-Dichlorobenzene
 Concen: 46.07 ng
 RT: 8.44 min Scan# 954
 Delta R.T. -0.00 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.9	79.3
111	49.3	43.5	65.3





#15

Benzyl Alcohol

Concen: 61.30 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

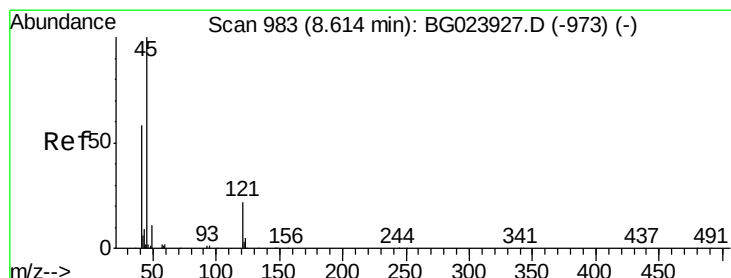
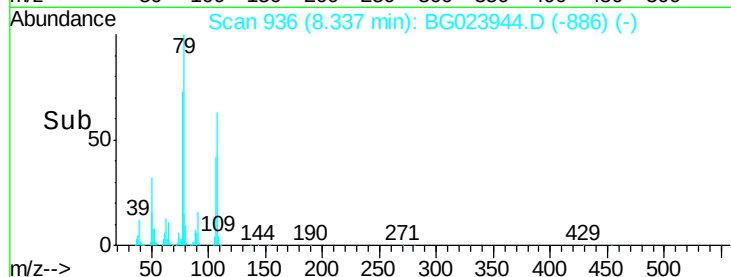
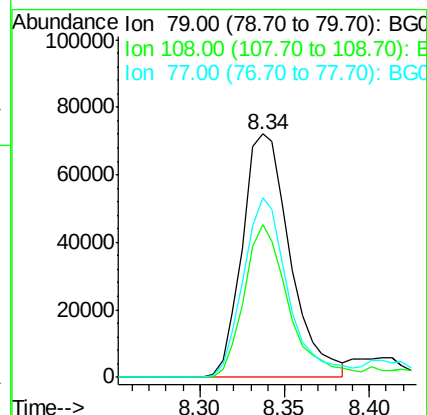
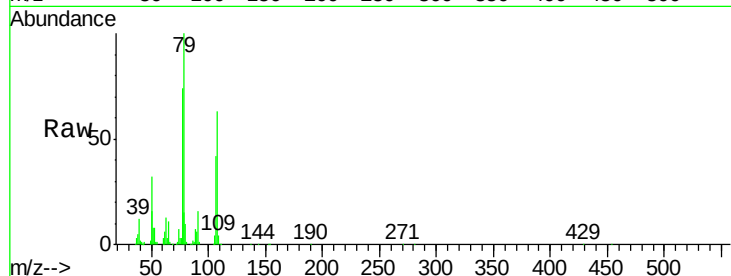
Tgt Ion: 79 Resp: 141809

Ion Ratio Lower Upper

79 100

108 62.9 46.5 69.7

77 73.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.99 ng

RT: 8.62 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

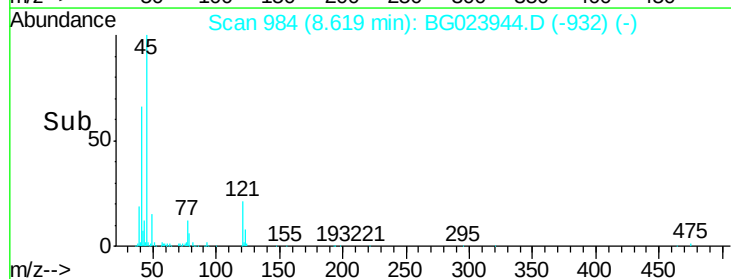
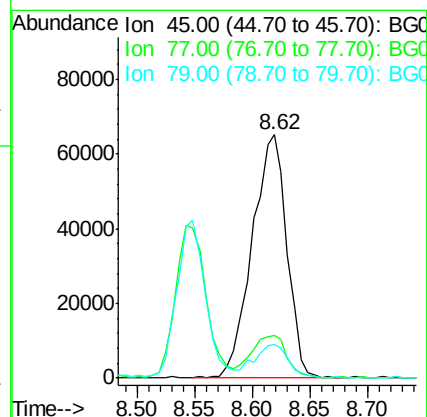
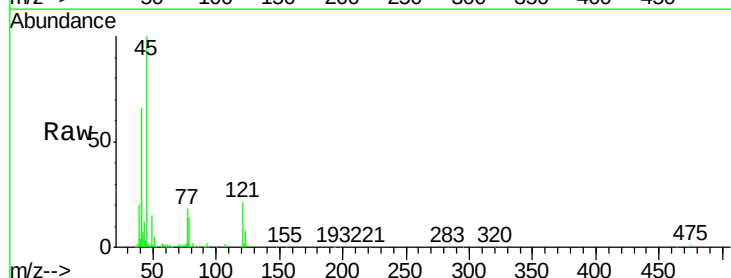
Tgt Ion: 45 Resp: 136799

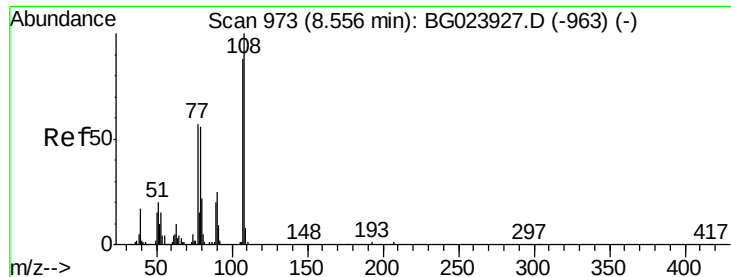
Ion Ratio Lower Upper

45 100

77 17.7 0.6 40.6

79 14.0 0.0 36.2





#17

2-Methylphenol

Concen: 55.14 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

Tgt Ion:107 Resp: 102545

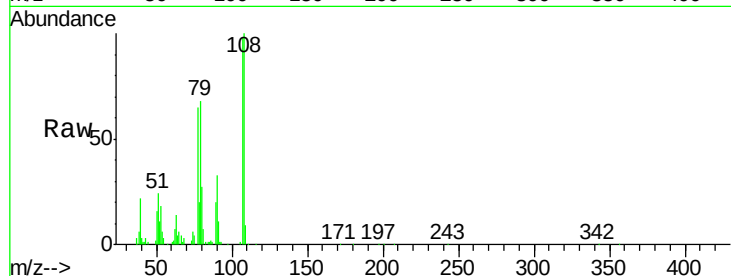
Ion Ratio Lower Upper

107 100

108 102.2 92.0 138.0

77 66.1 55.8 83.6

79 69.5 55.0 82.6



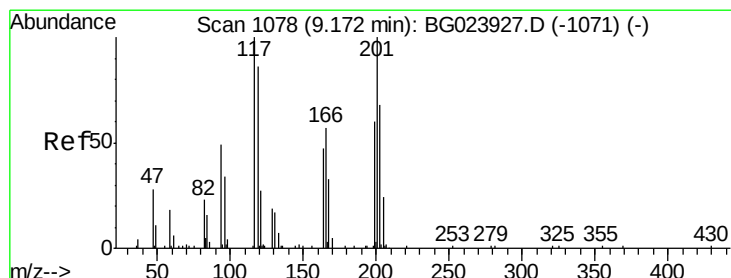
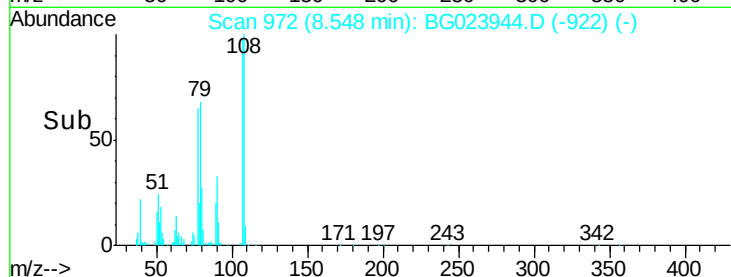
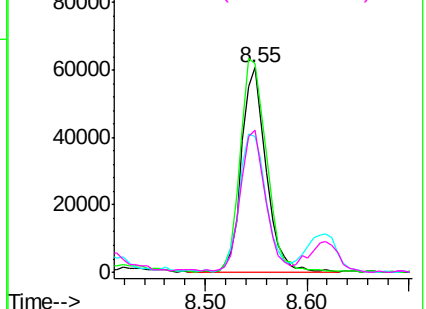
Abundance

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: 46.53 ng

RT: 9.17 min Scan# 1078

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

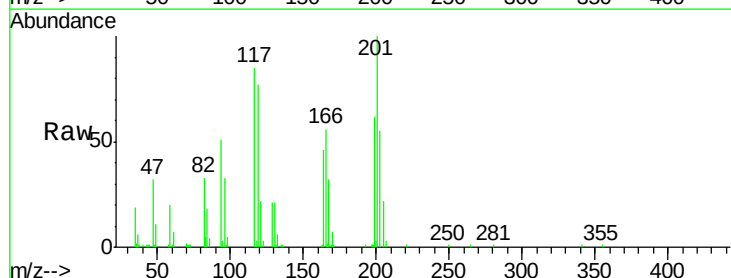
Tgt Ion:117 Resp: 43877

Ion Ratio Lower Upper

117 100

119 90.6 73.7 110.5

201 118.1 88.7 133.1

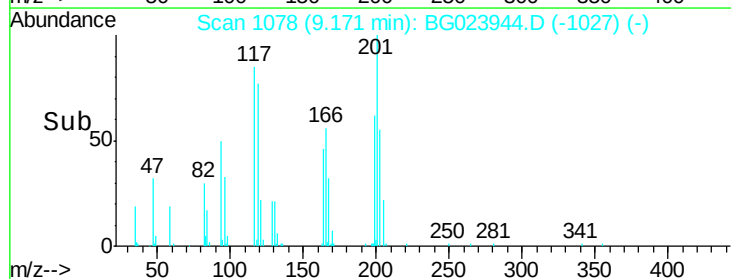
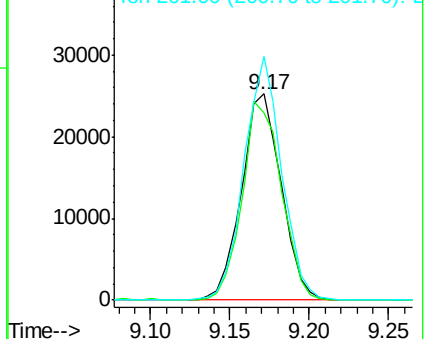


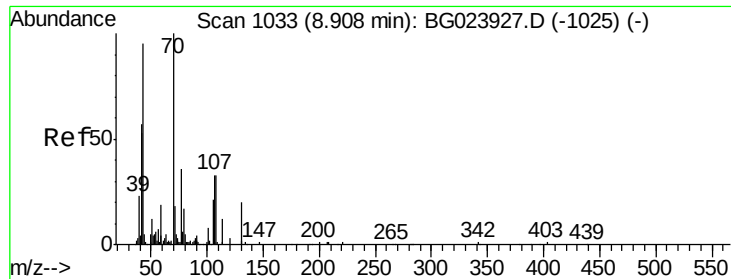
Abundance

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

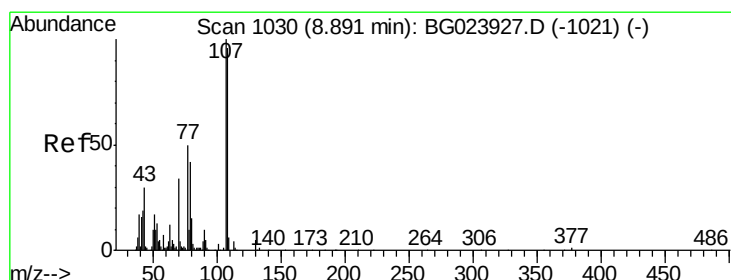
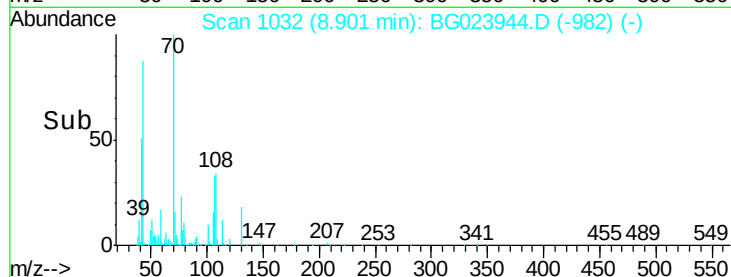
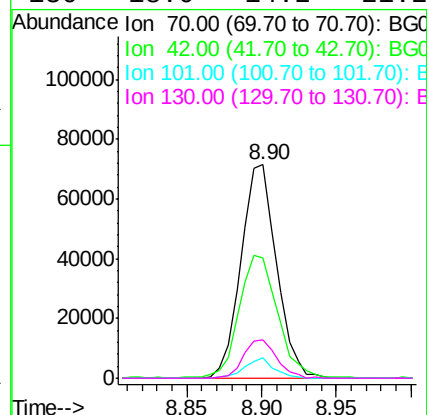
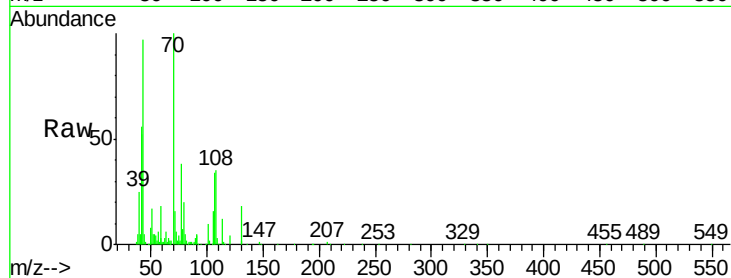




#19
n-Nitroso-di-n-propylamine
Concen: 51.05 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

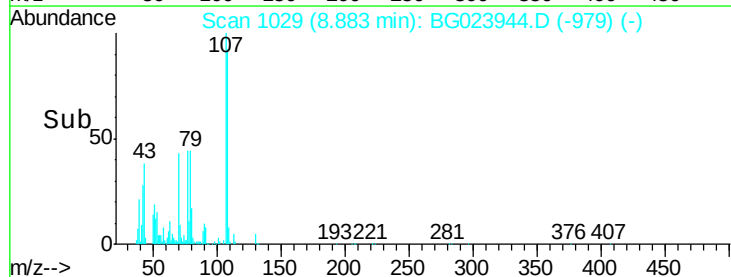
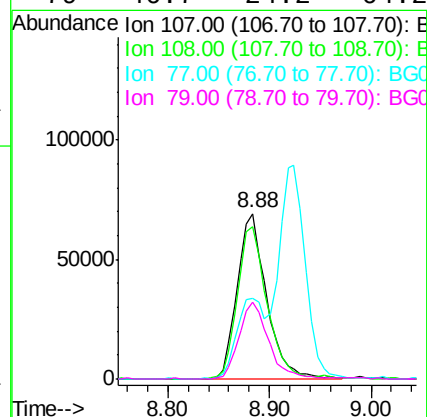
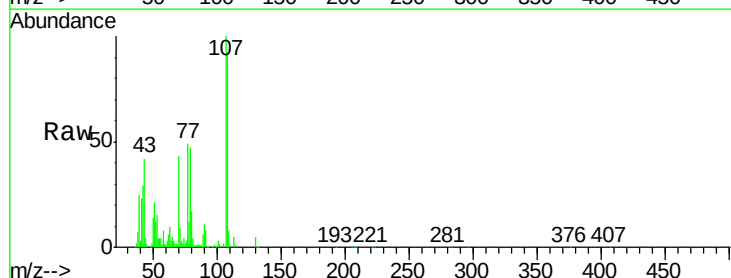
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

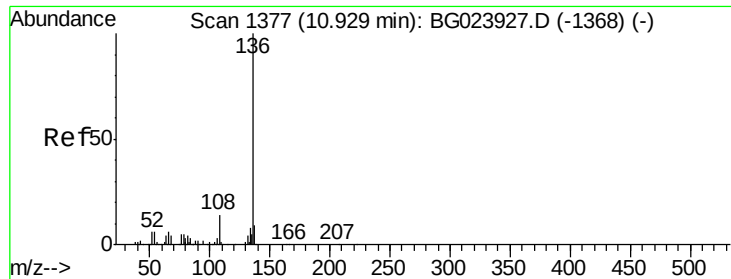
Tgt Ion:	70	Resp:	118355
Ion	Ratio	Lower	Upper
70	100		
42	56.3	42.1	63.1
101	9.6	7.2	10.8
130	18.0	14.2	21.2



#20
3+4-Methylphenols
Concen: 53.66 ng
RT: 8.88 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:	107	Resp:	139088
Ion	Ratio	Lower	Upper
107	100		
108	92.4	72.5	112.5
77	48.8	30.1	70.1
79	46.7	24.2	64.2

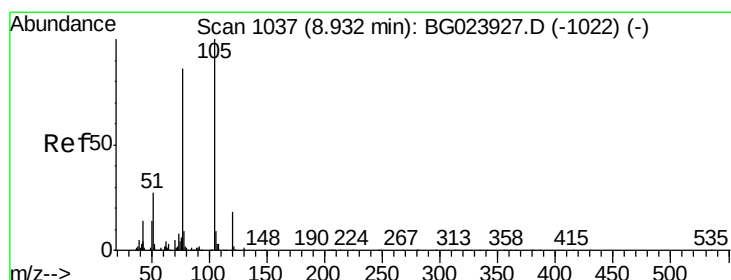
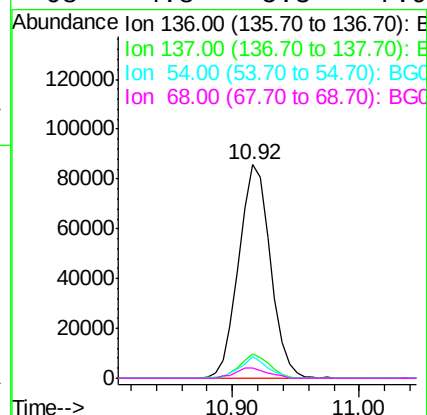
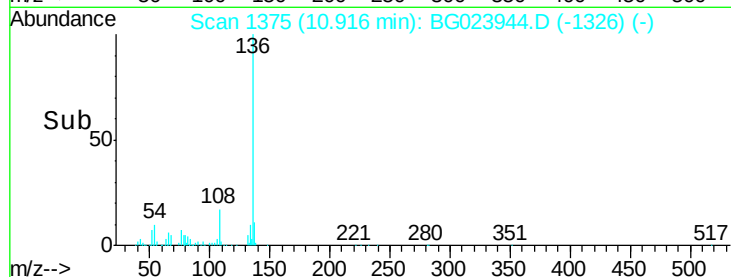
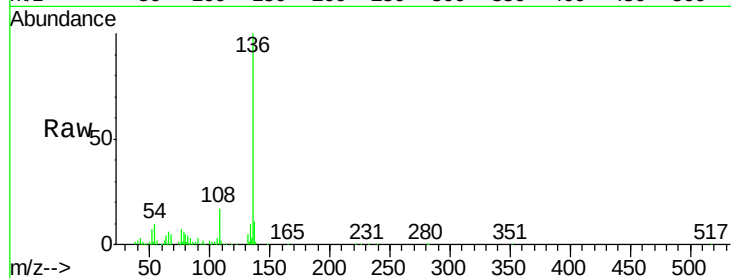




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

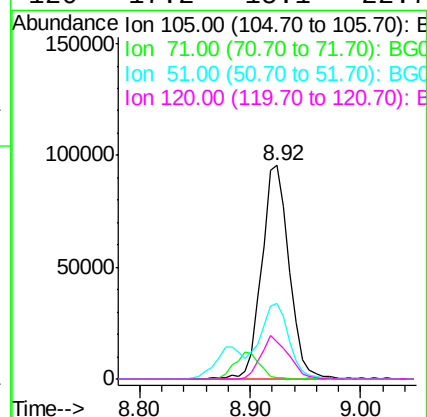
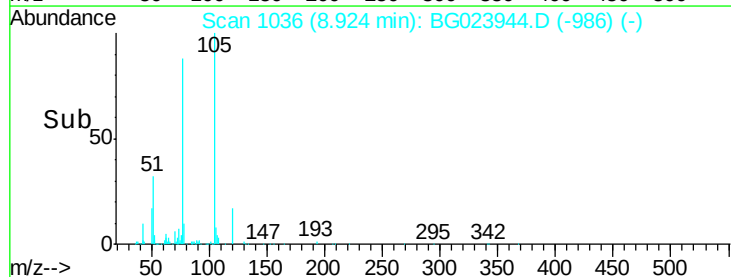
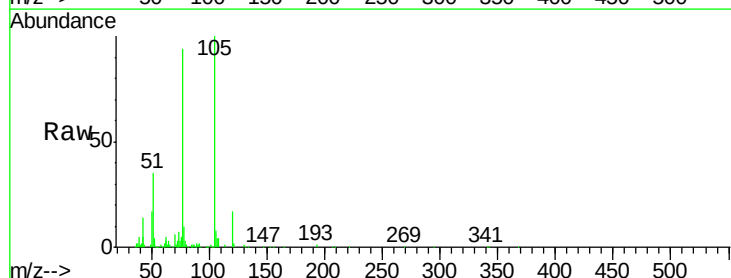
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

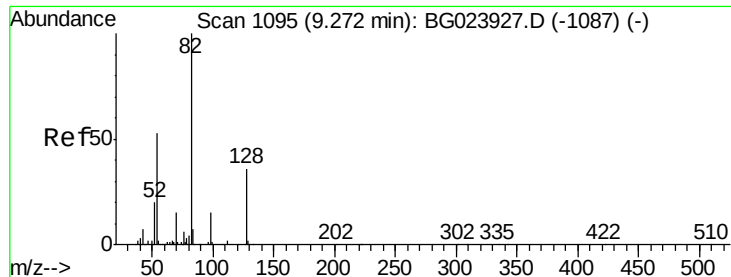
Tgt Ion:	136	Resp:	147919
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	9.9	7.3	10.9
68	4.8	5.3	7.9#



#22
Acetophenone
Concen: 43.47 ng
RT: 8.92 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:	105	Resp:	166485
Ion	Ratio	Lower	Upper
105	100		
71	0.8	2.6	3.8#
51	35.2	27.1	40.7
120	17.2	15.1	22.7

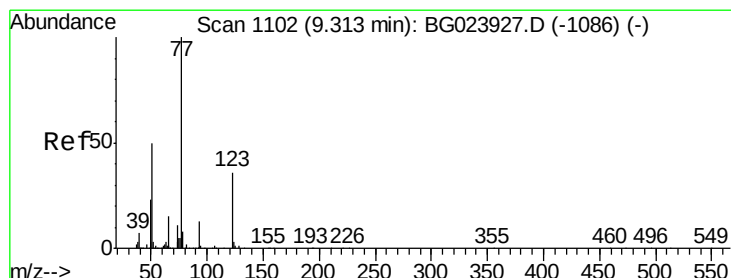
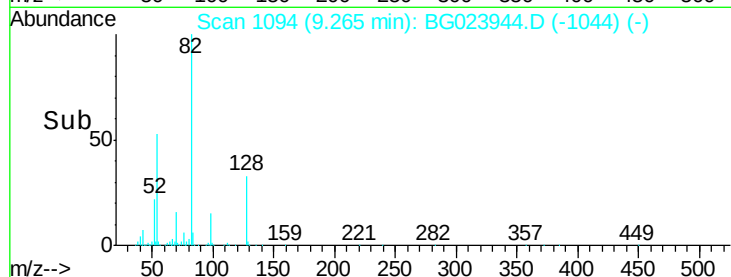
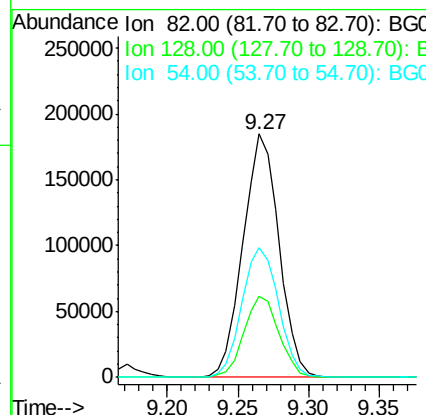
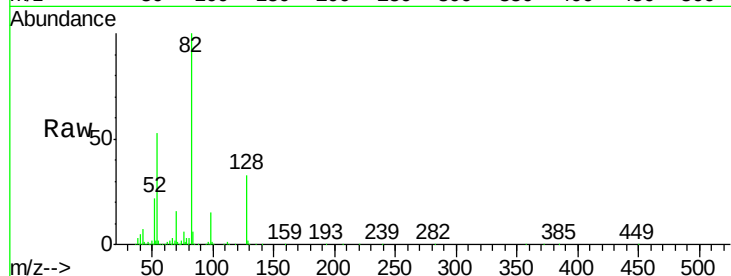




#23
 Nitrobenzene-d5
 Concen: 99.41 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

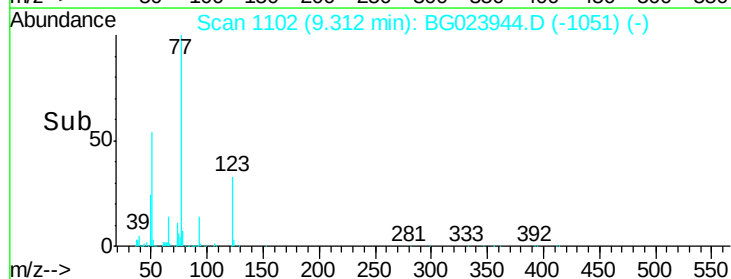
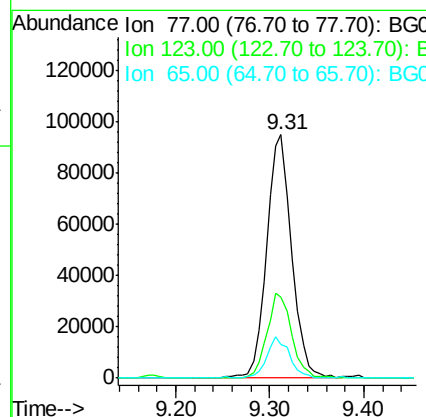
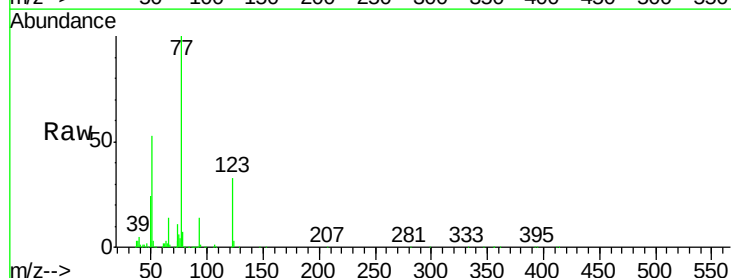
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

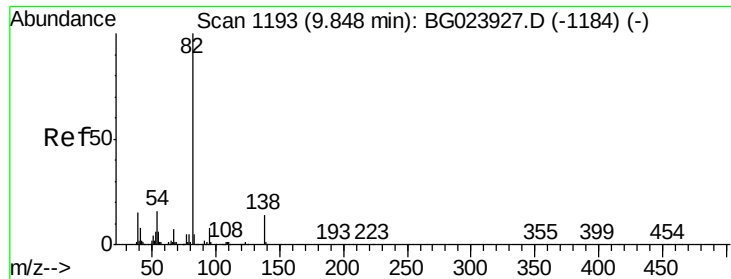
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.1	24.4	36.6
54	53.2	41.4	62.0



#24
 Nitrobenzene
 Concen: 48.87 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	33.1	25.0	37.6
65	13.9	13.4	20.0





#25

Isophorone

Concen: 49.76 ng

RT: 9.83 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

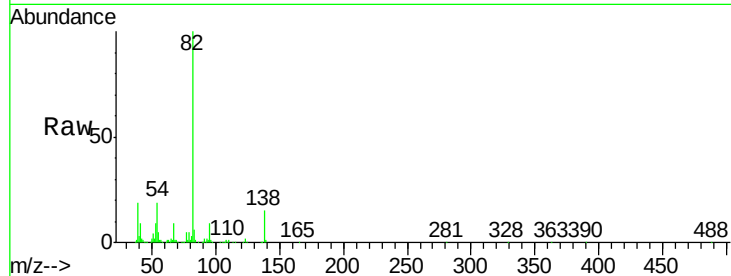
Tgt Ion: 82 Resp: 319706

Ion Ratio Lower Upper

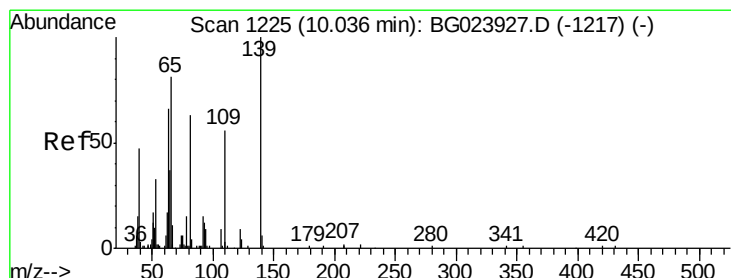
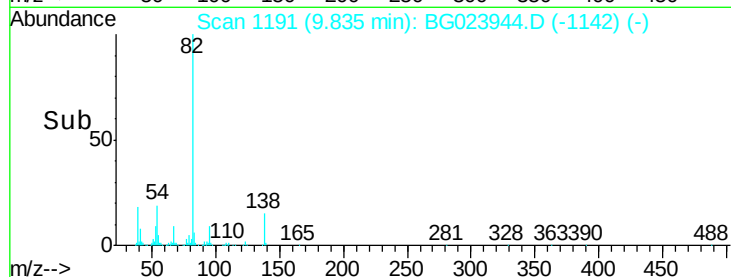
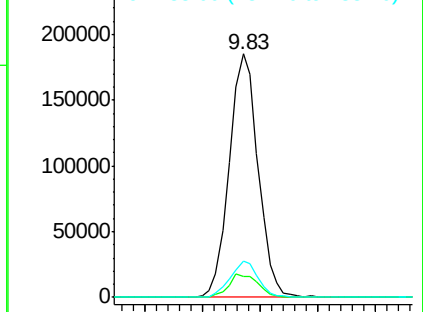
82 100

95 8.8 8.2 12.2

138 15.1 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: 48.57 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

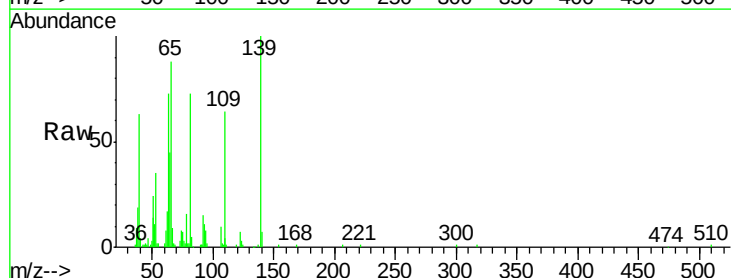
Tgt Ion: 139 Resp: 65781

Ion Ratio Lower Upper

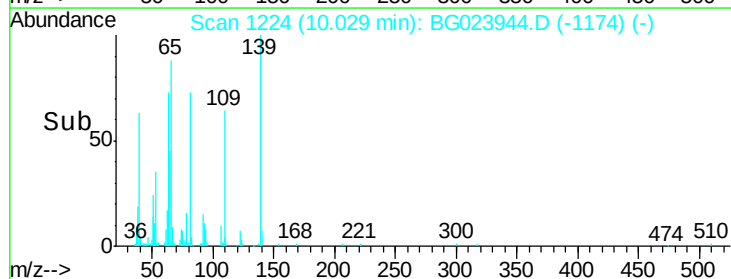
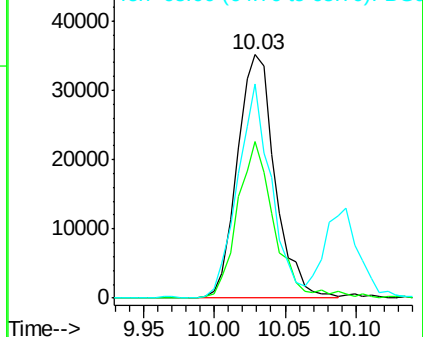
139 100

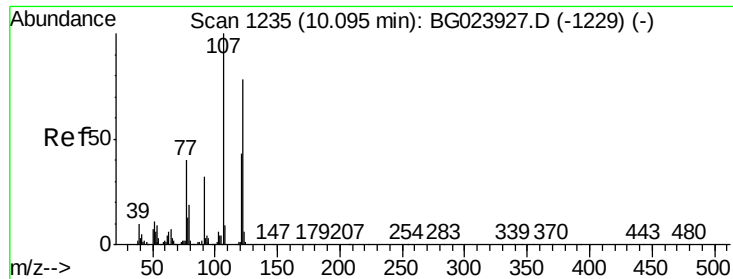
109 64.2 43.5 65.3

65 87.8 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

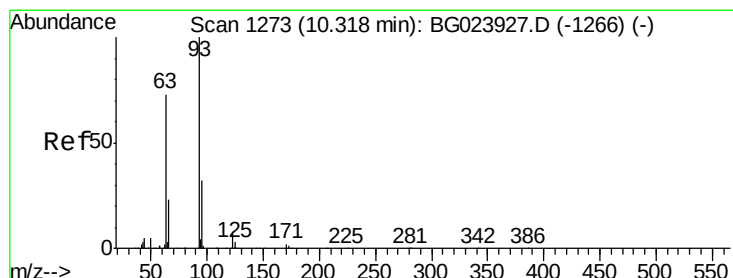
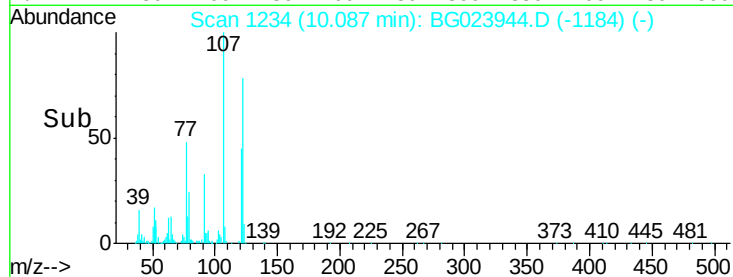
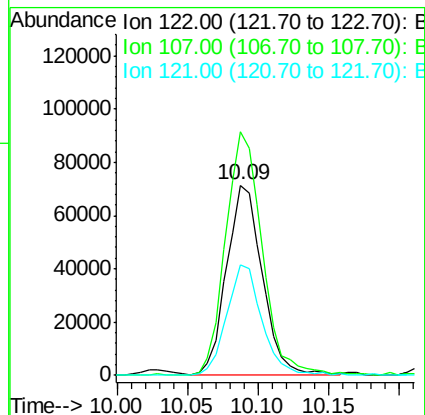
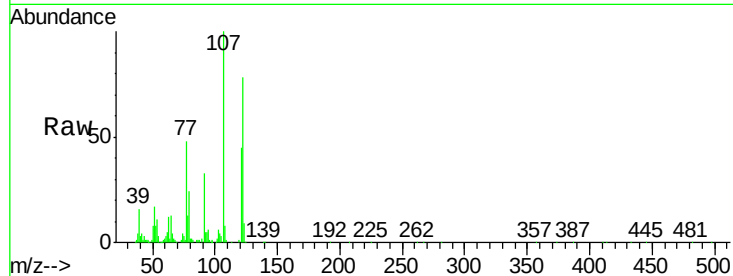




#27
2,4-Dimethylphenol
Concen: 54.29 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

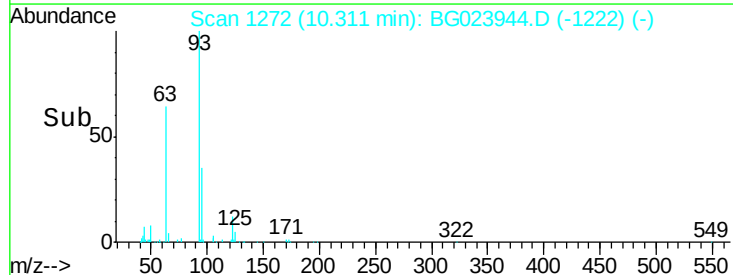
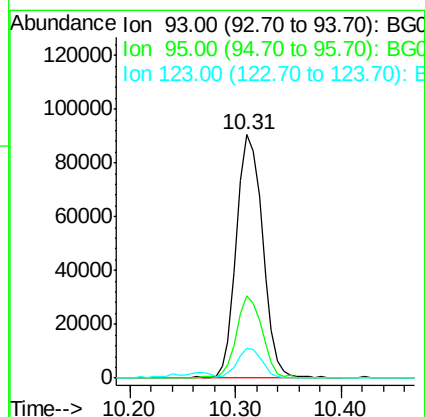
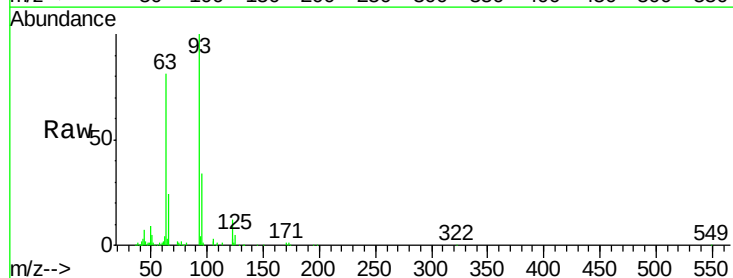
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

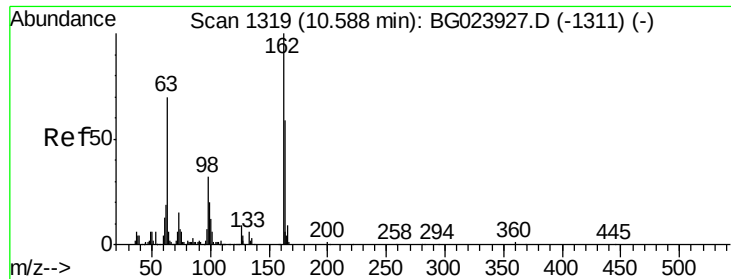
Tgt Ion:122 Resp: 124960
Ion Ratio Lower Upper
122 100
107 127.9 117.0 175.4
121 58.1 50.1 75.1



#28
bis(2-Chloroethoxy)methane
Concen: 48.16 ng
RT: 10.31 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion: 93 Resp: 156230
Ion Ratio Lower Upper
93 100
95 33.7 25.4 38.2
123 12.4 8.2 12.2#

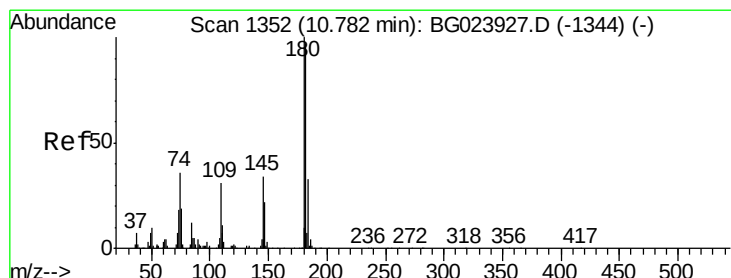
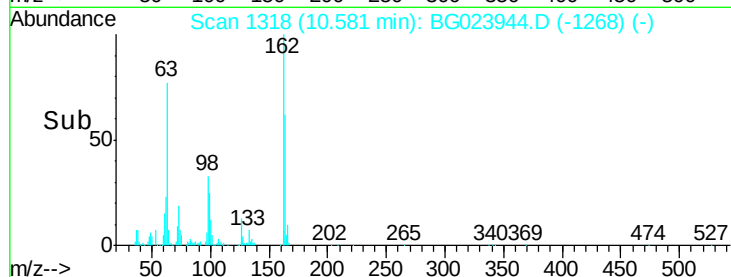
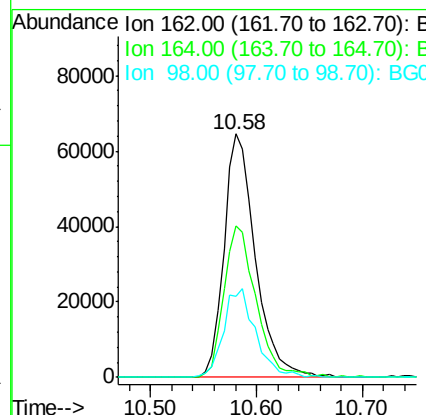
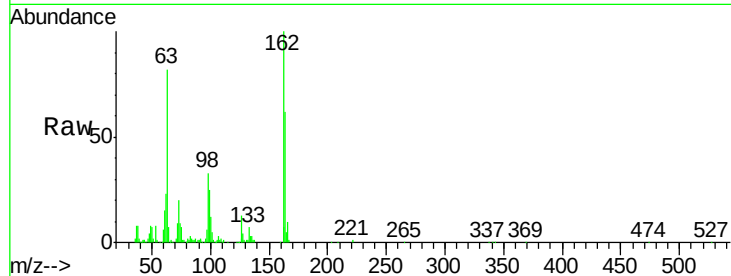




#29
2,4-Dichlorophenol
Concen: 54.52 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

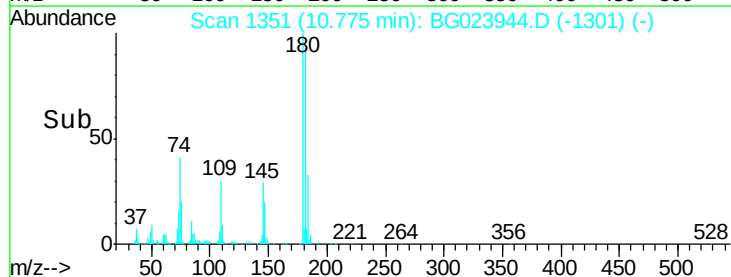
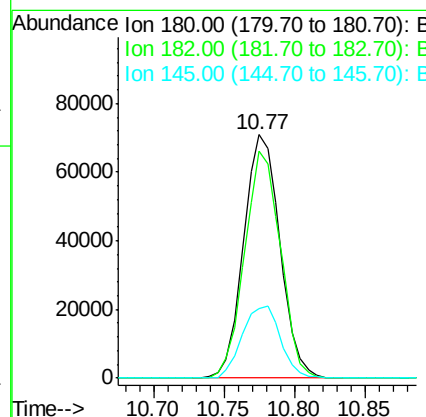
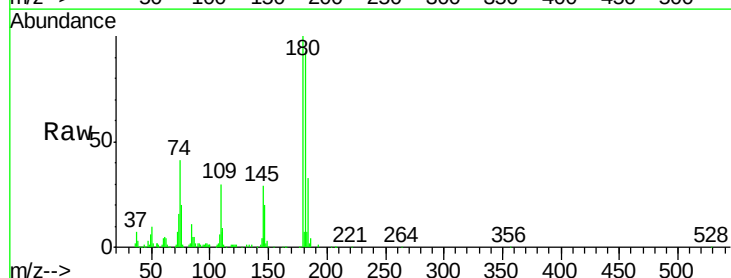
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

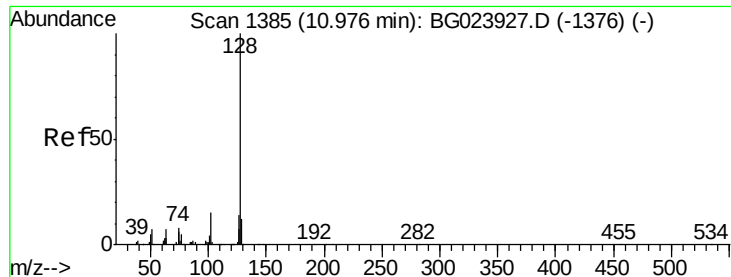
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.1	44.3	84.3
98	33.4	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 47.83 ng
RT: 10.77 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	73.8	110.8
145	28.7	24.4	36.6

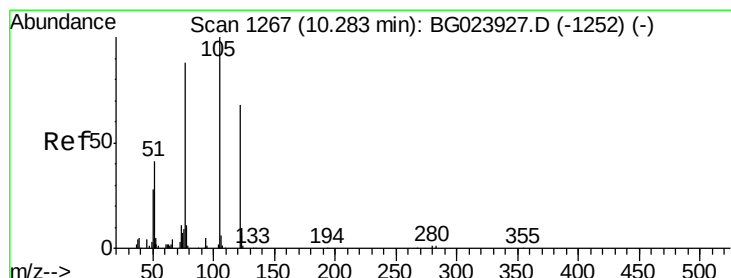
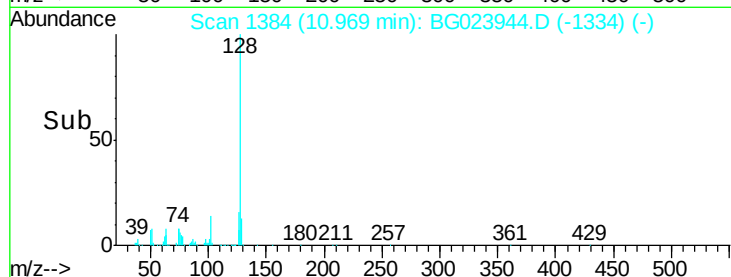
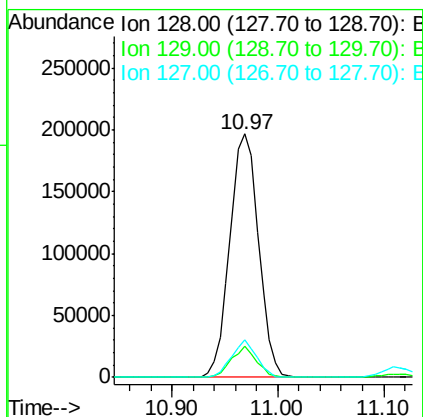
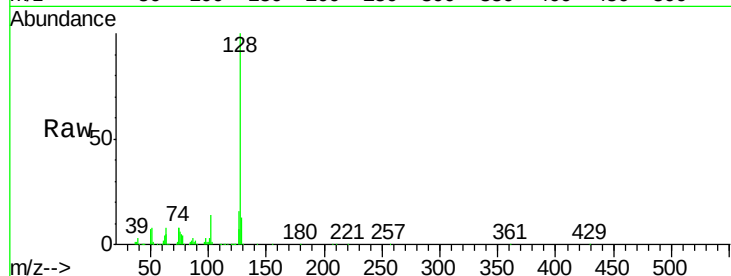




#31
Naphthalene
Concen: 48.33 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

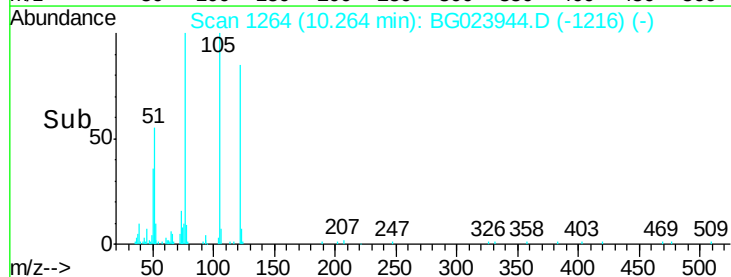
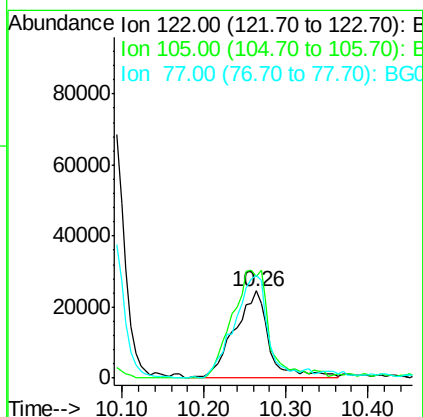
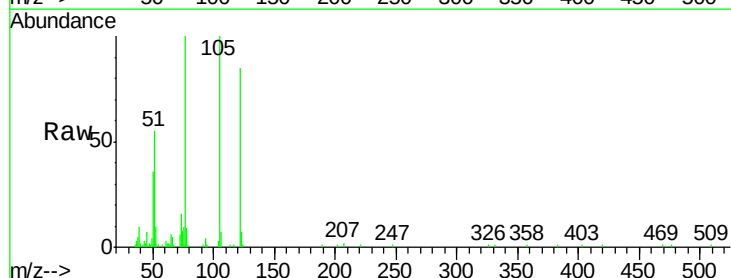
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

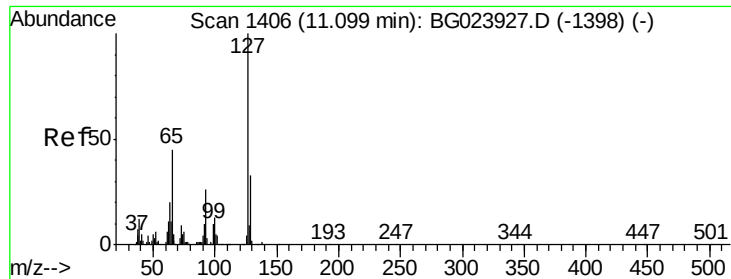
Tgt Ion:128 Resp: 368355
Ion Ratio Lower Upper
128 100
129 12.6 9.4 14.0
127 15.7 11.3 16.9



#32
Benzoic acid
Concen: 38.77 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:122 Resp: 72481
Ion Ratio Lower Upper
122 100
105 116.7 117.2 157.2#
77 117.3 109.2 149.2

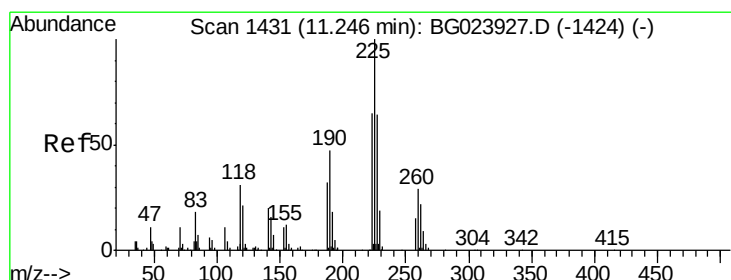
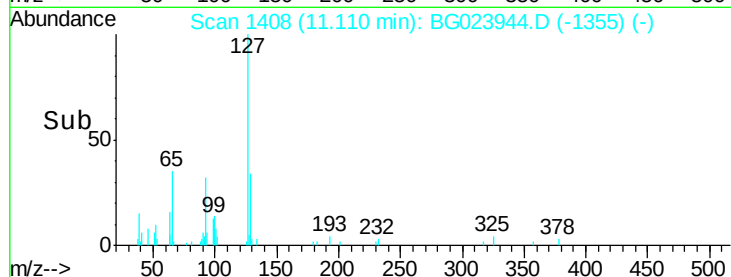
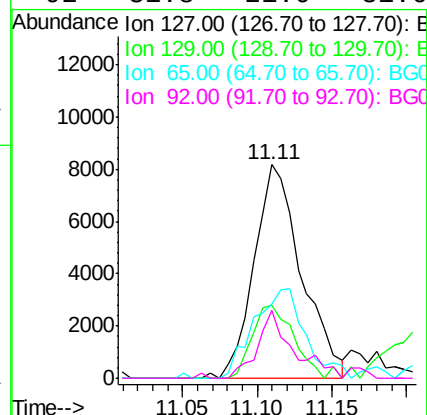
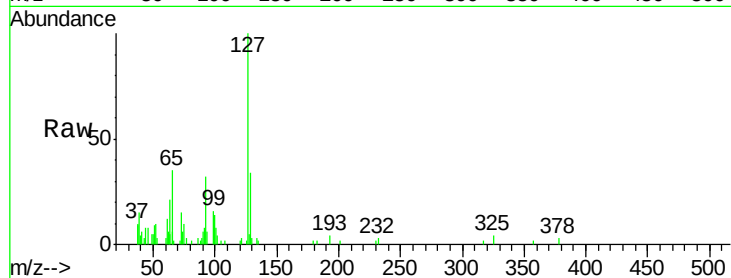




#33
4-Chloroaniline
Concen: 5.63 ng
RT: 11.11 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

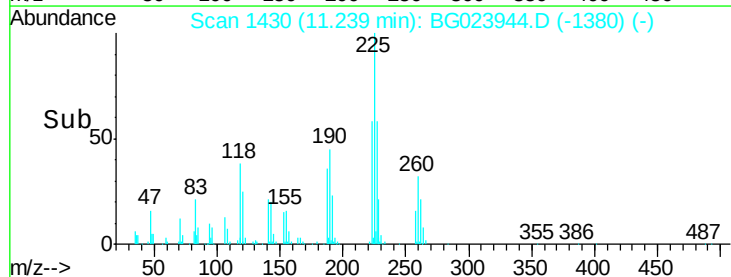
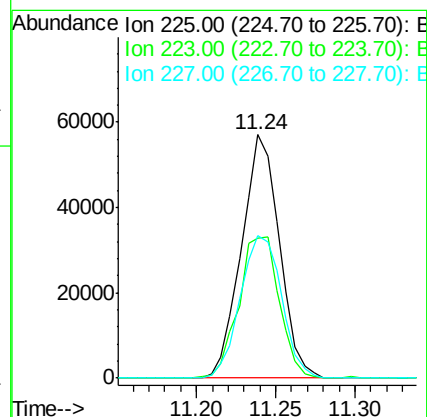
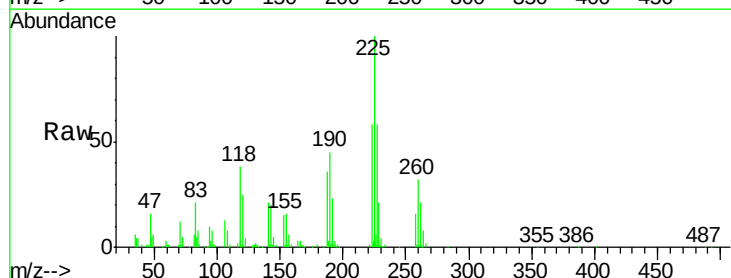
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

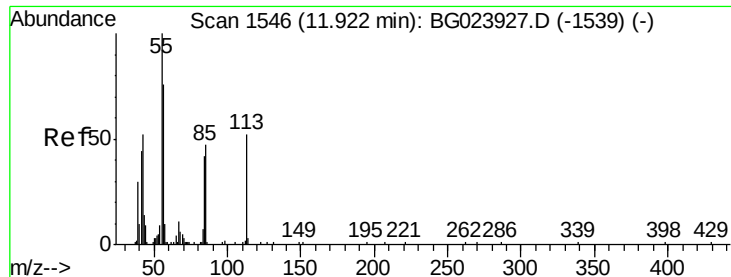
Tgt Ion:	127	Resp:	17923
Ion	Ratio	Lower	Upper
127	100		
129	34.3	27.9	41.9
65	34.5	36.8	55.2#
92	31.8	21.0	31.6#



#34
Hexachlorobutadiene
Concen: 47.10 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:	225	Resp:	94628
Ion	Ratio	Lower	Upper
225	100		
223	57.5	49.6	74.4
227	58.5	54.5	81.7





#35

Caprolactam

Concen: 48.00 ng m

RT: 11.90 min Scan# 1543

Delta R.T. -0.02 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

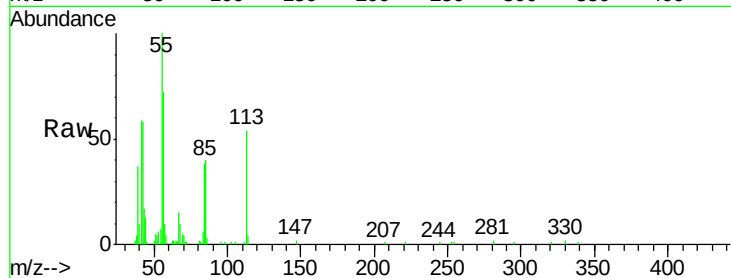
Tgt Ion:113 Resp: 41260

Ion Ratio Lower Upper

113 100

55 185.6 154.5 194.5

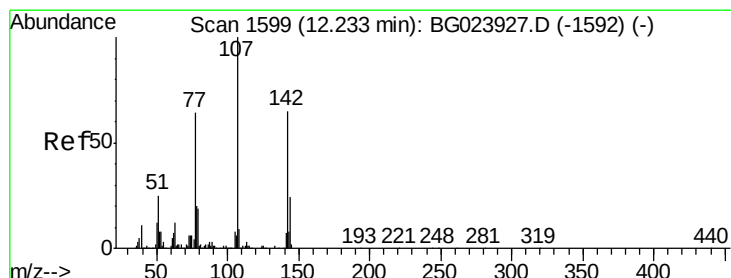
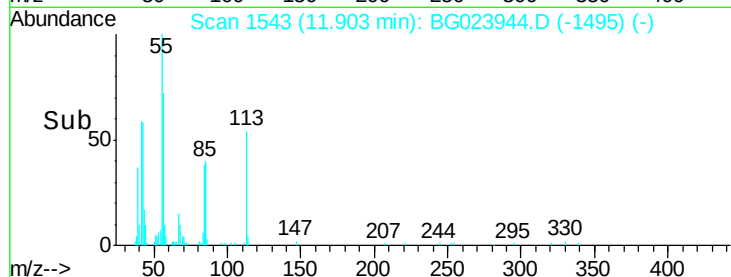
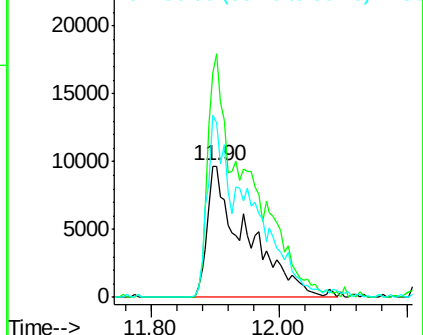
56 133.0 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.18 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

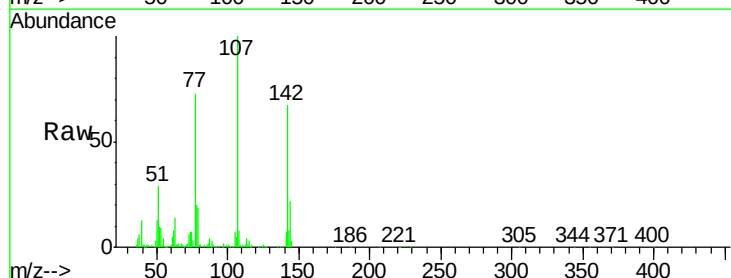
Tgt Ion:107 Resp: 173307

Ion Ratio Lower Upper

107 100

144 22.3 17.0 25.6

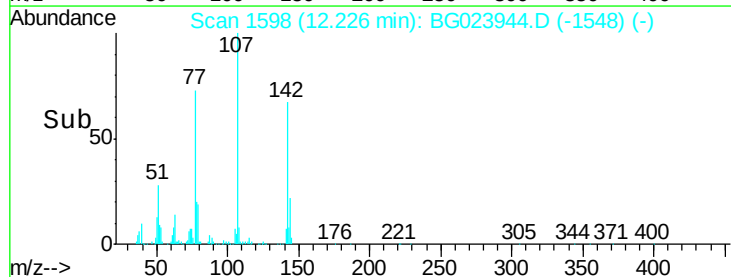
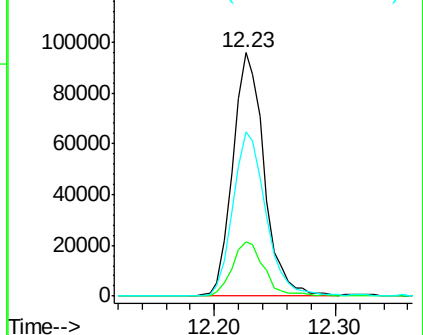
142 67.4 53.0 79.6

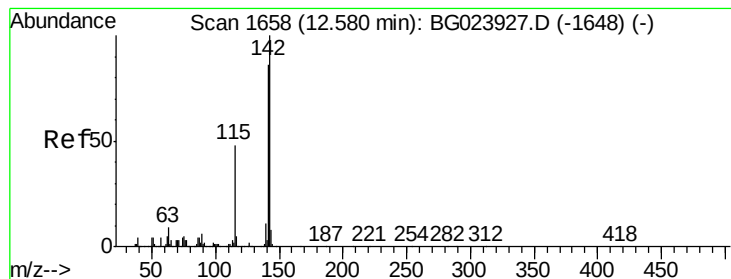


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 51.23 ng

RT: 12.58 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

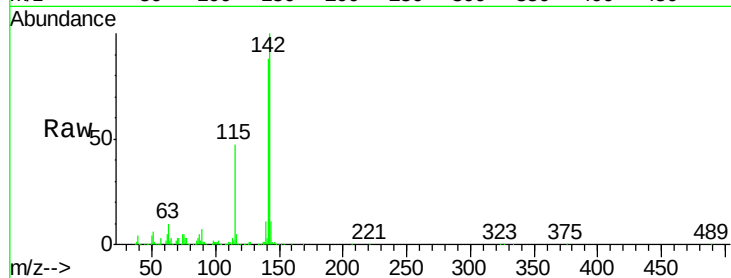
Tgt Ion:142 Resp: 297033

Ion Ratio Lower Upper

142 100

141 87.7 70.2 105.2

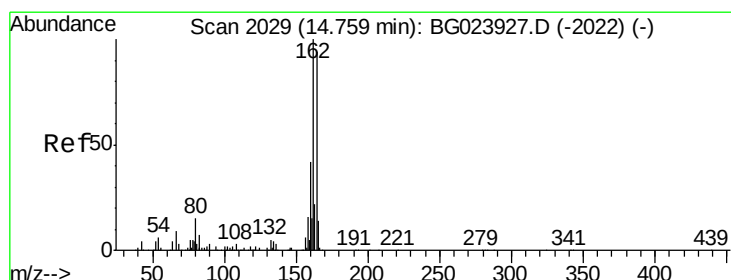
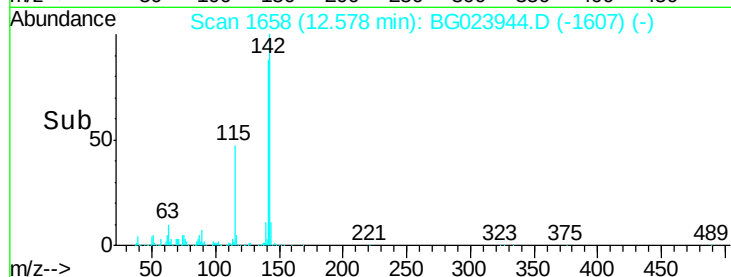
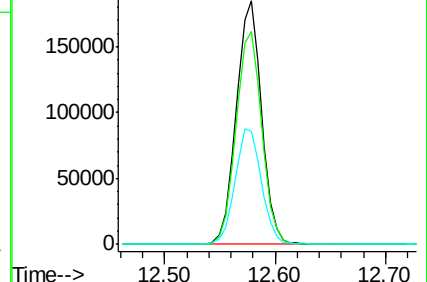
115 46.6 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

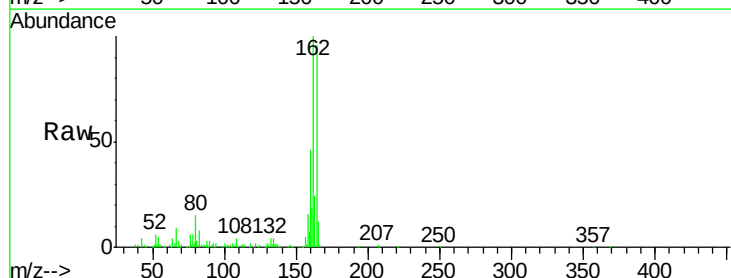
Tgt Ion:164 Resp: 118432

Ion Ratio Lower Upper

164 100

162 104.1 87.7 131.5

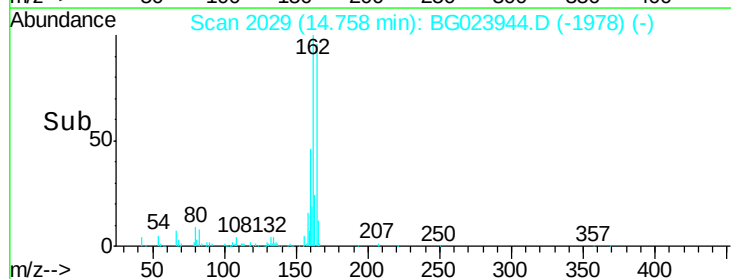
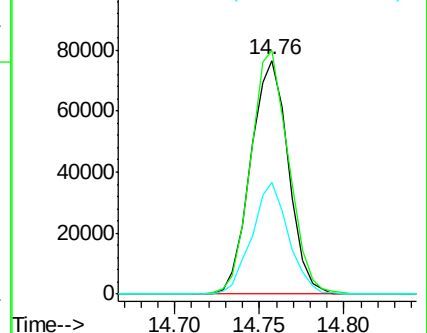
160 47.5 37.2 55.8

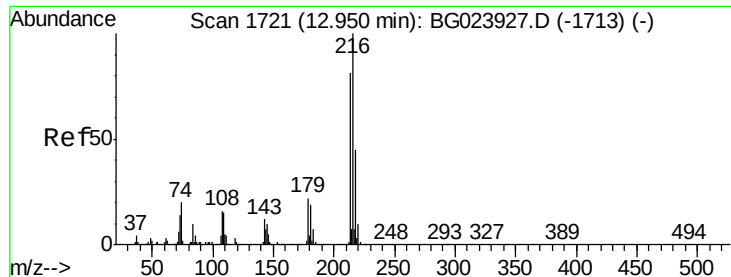


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

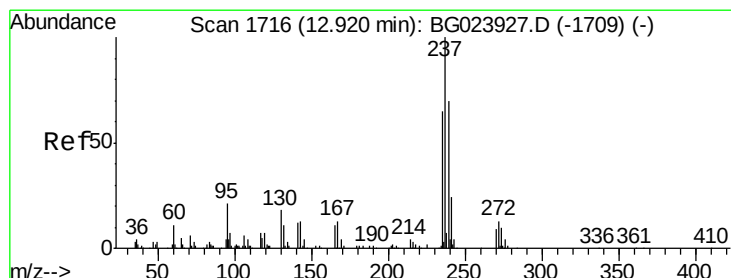
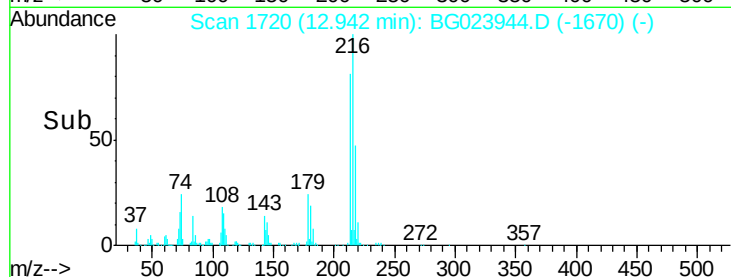
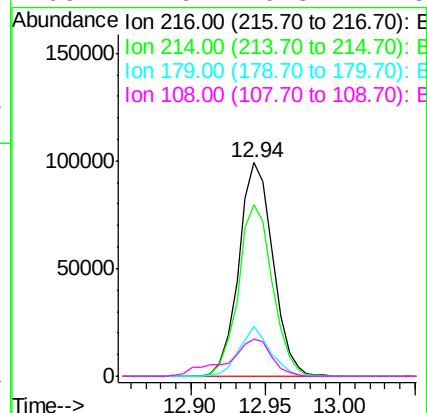
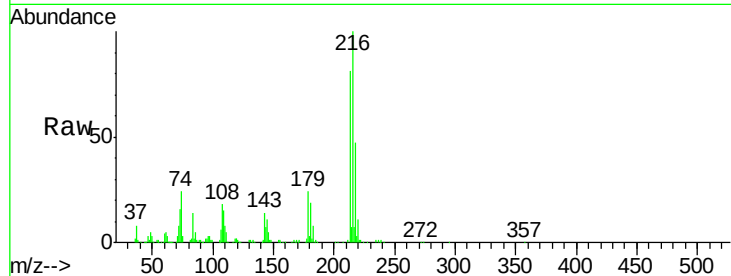




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.98 ng
 RT: 12.94 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

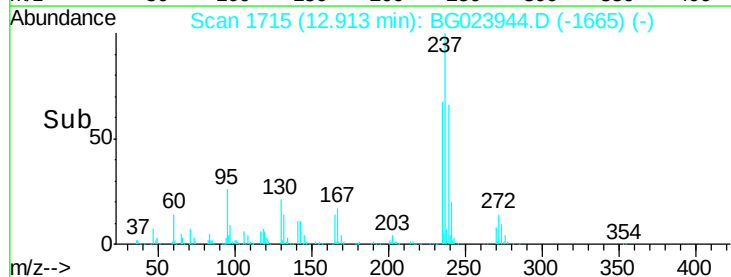
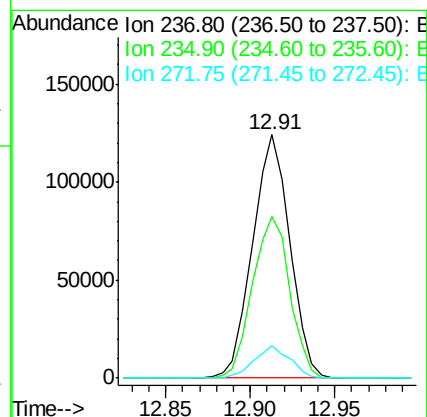
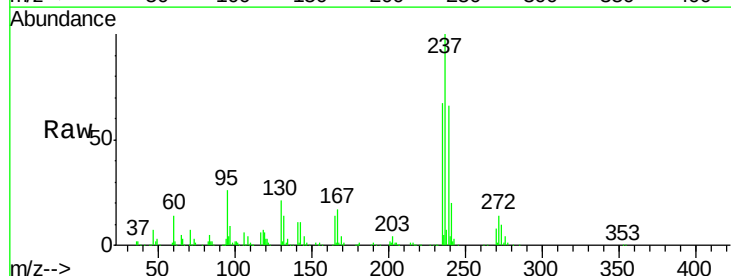
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

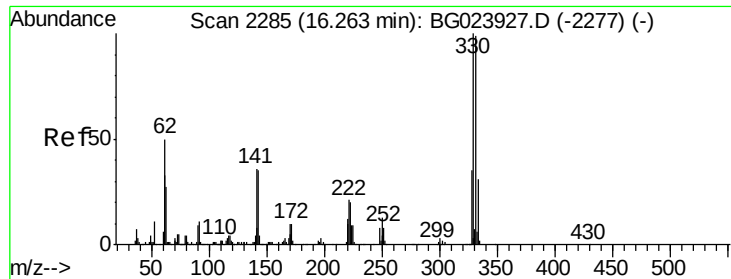
Tgt Ion:	216	Resp:	157148
Ion	Ratio	Lower	Upper
216	100		
214	80.5	62.9	94.3
179	21.0	17.2	25.8
108	22.5	16.3	24.5



#40
 Hexachlorocyclopentadiene
 Concen: 80.31 ng
 RT: 12.91 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:	237	Resp:	190299
Ion	Ratio	Lower	Upper
237	100		
235	66.7	43.1	83.1
272	13.6	0.0	30.9

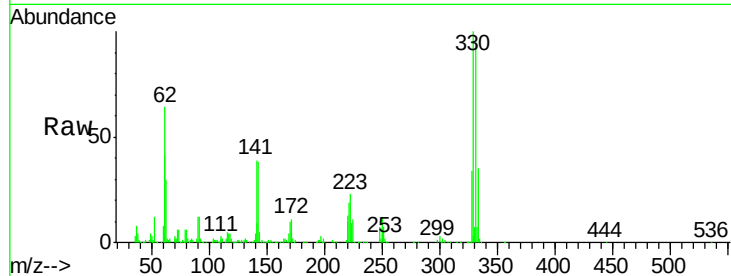




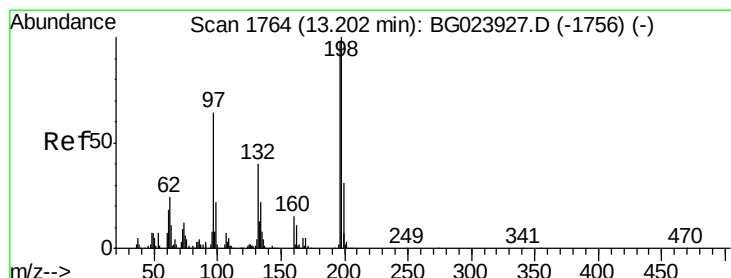
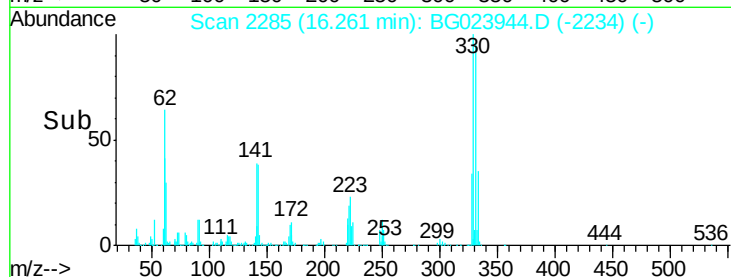
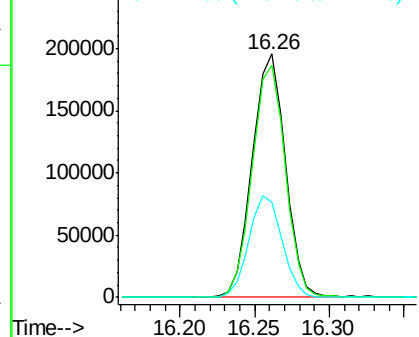
#41
 2,4,6-Tribromophenol
 Concen: 140.37 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

Tgt Ion:330 Resp: 299525
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 42.2 31.7 47.5

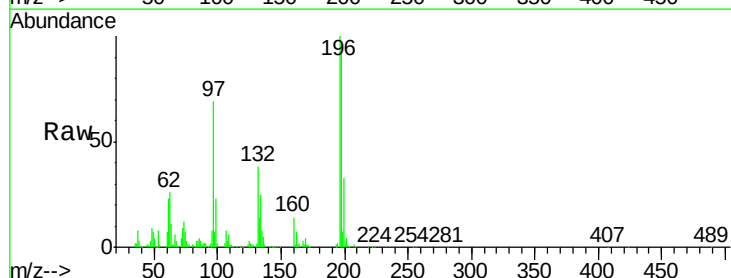


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

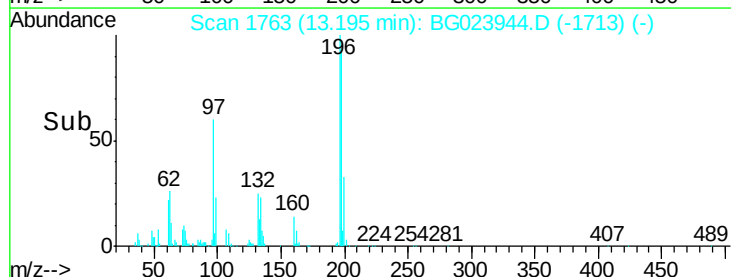
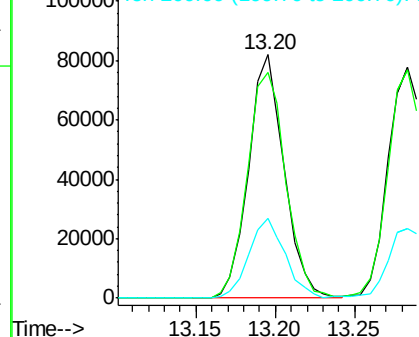


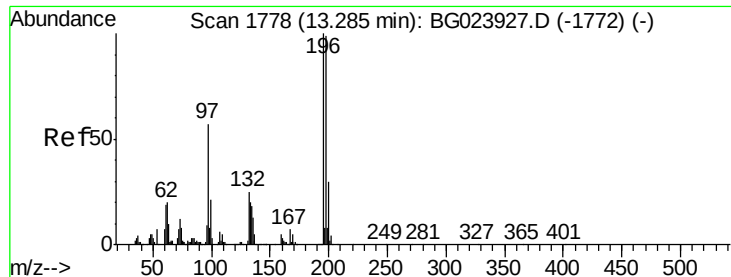
#42
 2,4,6-Trichlorophenol
 Concen: 48.71 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:196 Resp: 127767
 Ion Ratio Lower Upper
 196 100
 198 92.8 78.2 117.2
 200 32.8 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

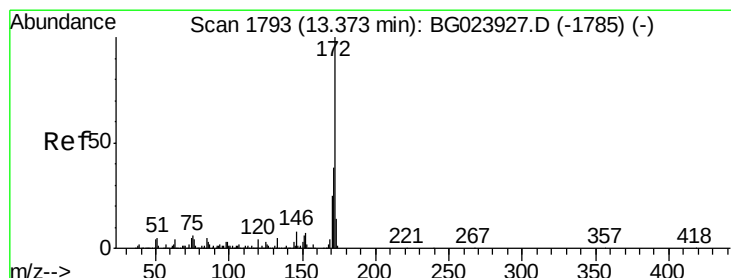
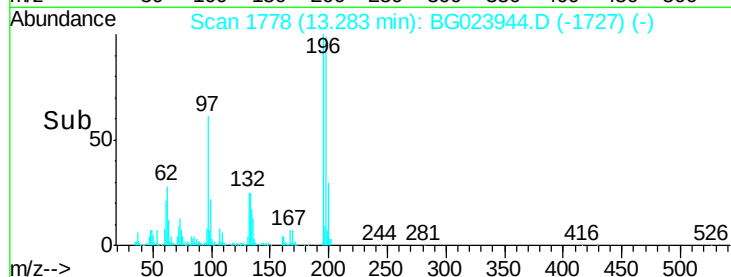
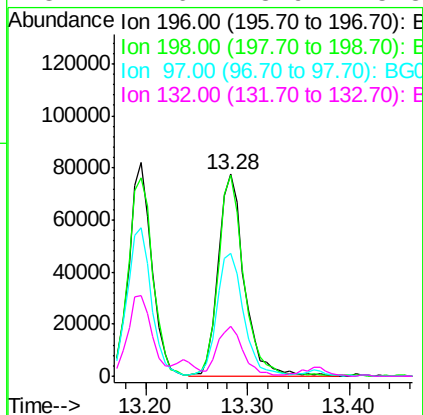
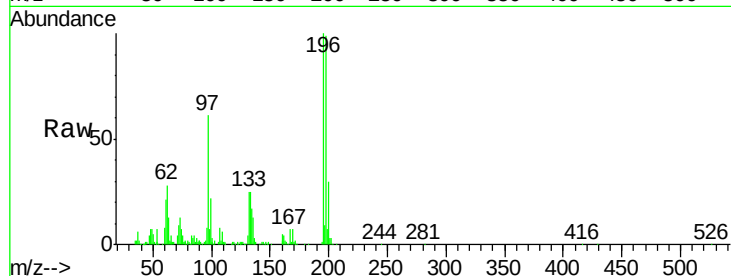




#43
 2,4,5-Trichlorophenol
 Concen: 52.33 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

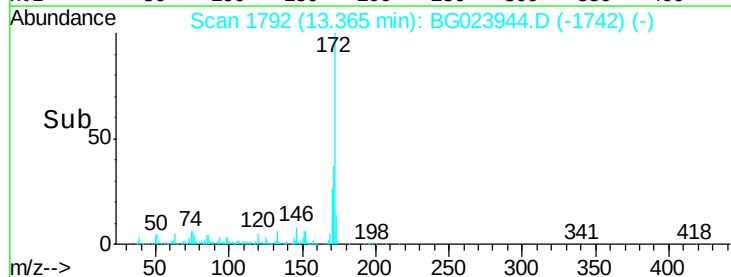
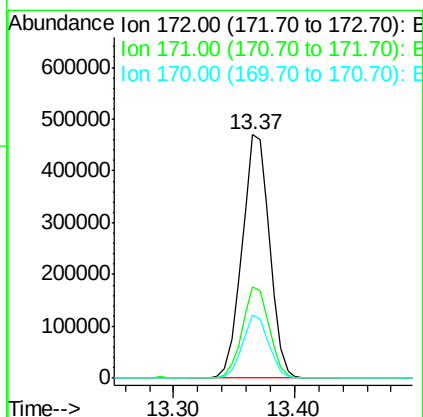
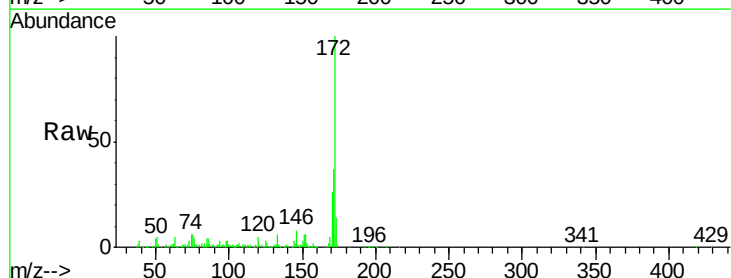
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

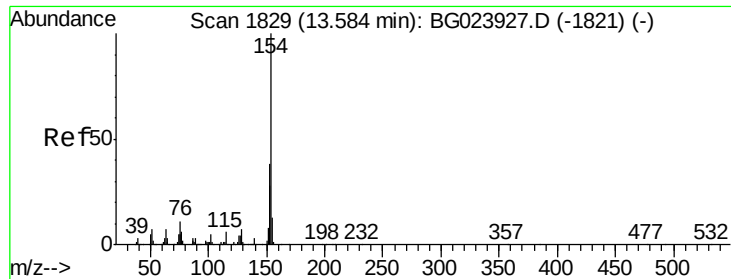
Tgt Ion:	196	Resp:	138760
Ion	Ratio	Lower	Upper
196	100		
198	99.2	85.7	128.5
97	60.7	45.5	68.3
132	24.6	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 90.29 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:	172	Resp:	745859
Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.6	47.4
170	25.9	21.3	31.9

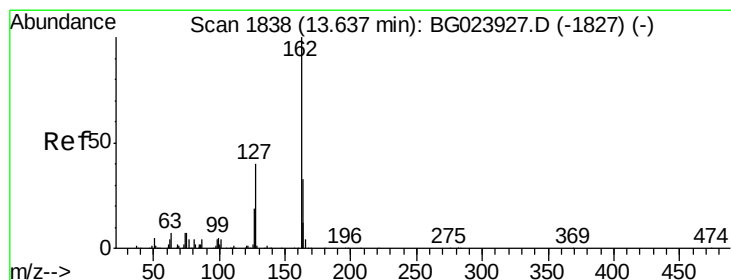
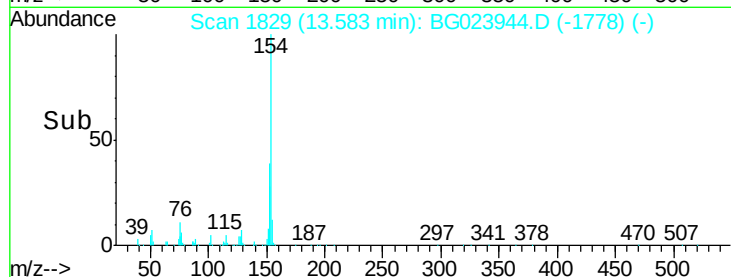
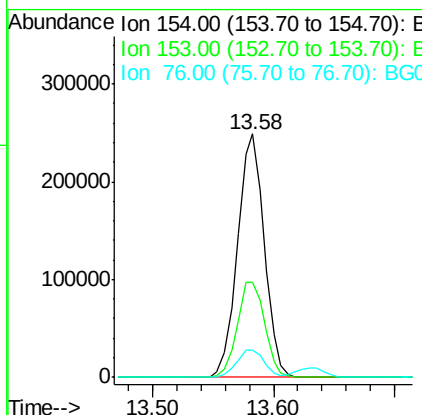
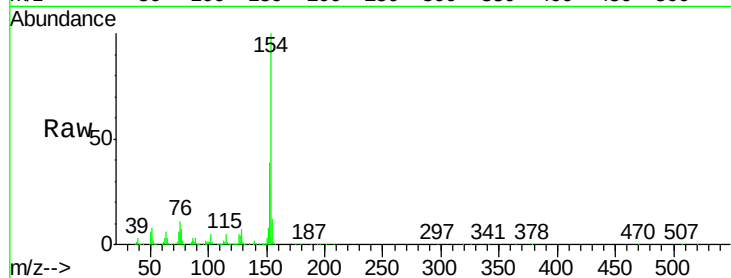




#45
 1,1'-Biphenyl
 Concen: 40.34 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

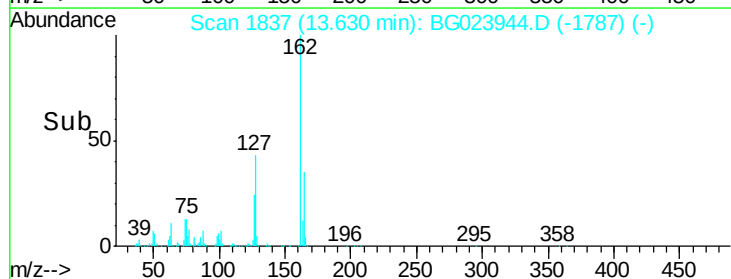
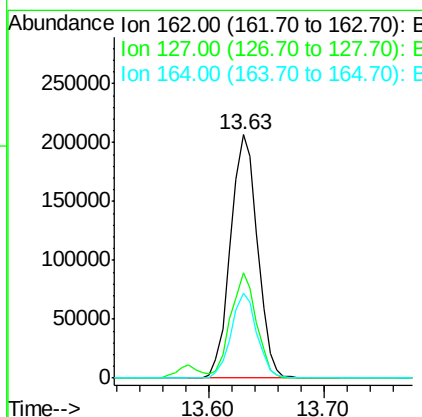
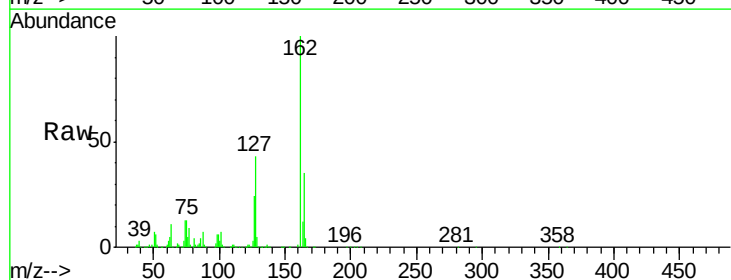
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

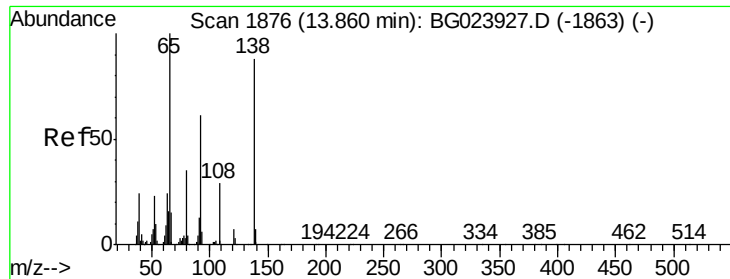
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	11.2	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 47.75 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.2	32.4	48.6
164	35.0	25.2	37.8

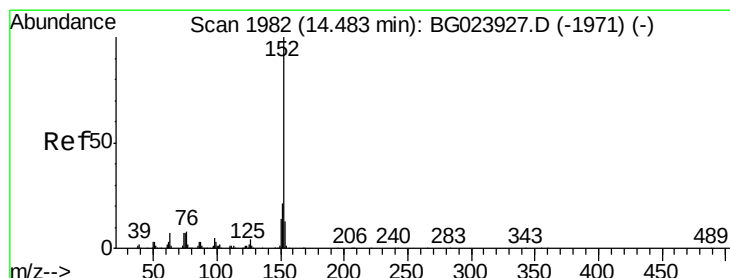
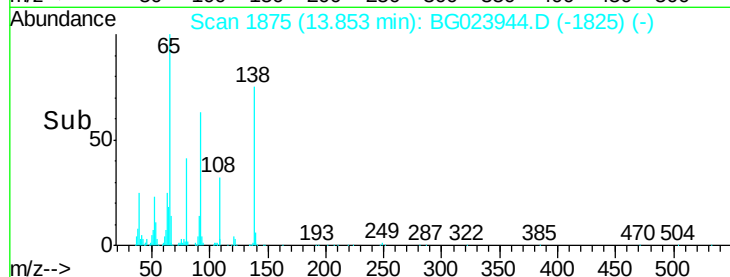
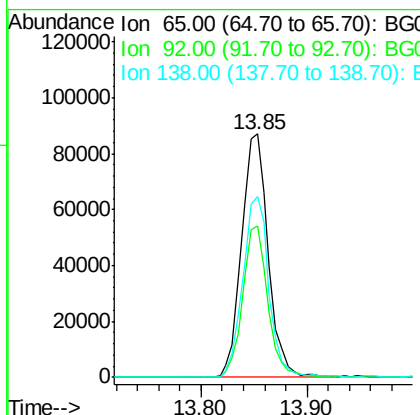
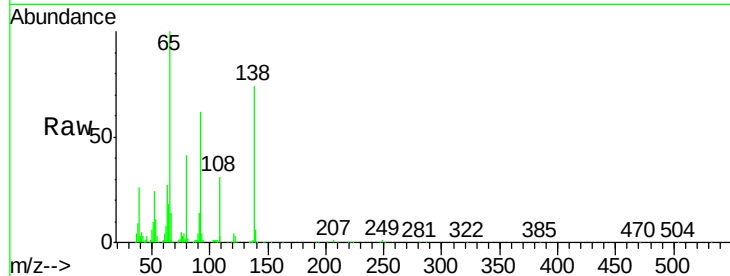




#47
2-Nitroaniline
Concen: 55.09 ng
RT: 13.85 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

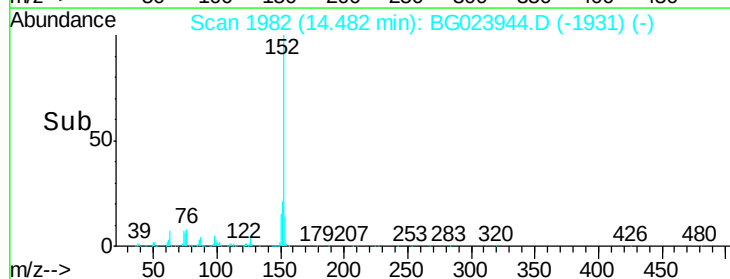
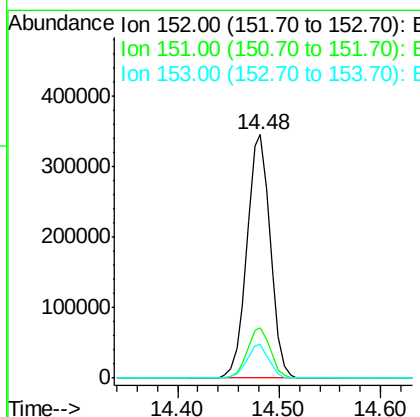
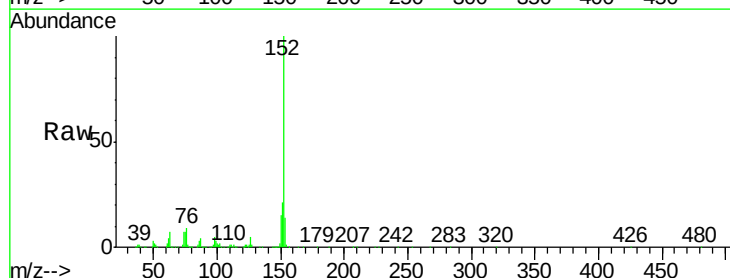
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

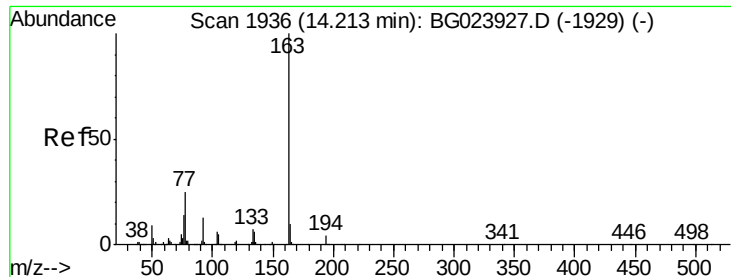
Tgt Ion: 65 Resp: 151748
Ion Ratio Lower Upper
65 100
92 62.3 49.4 74.0
138 74.1 58.0 87.0



#48
Acenaphthylene
Concen: 47.12 ng
RT: 14.48 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion: 152 Resp: 549272
Ion Ratio Lower Upper
152 100
151 20.8 17.6 26.4
153 13.8 11.4 17.2





#49

Dimethylphthalate

Concen: 49.71 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

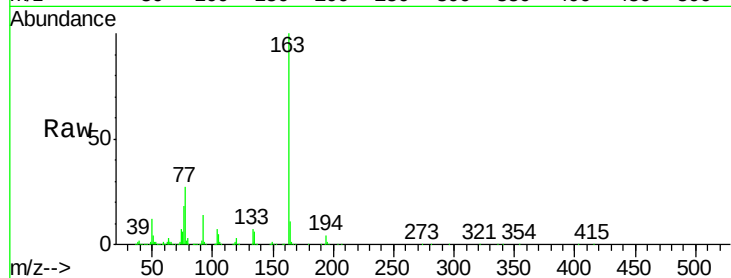
Tgt Ion:163 Resp: 504787

Ion Ratio Lower Upper

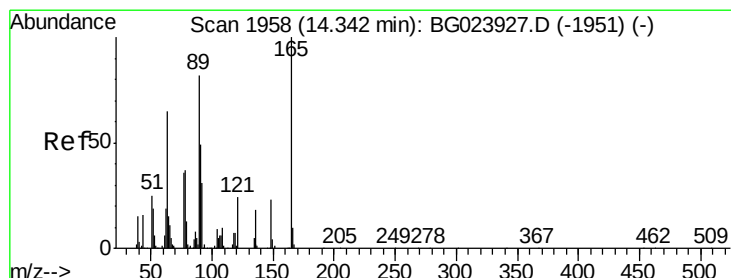
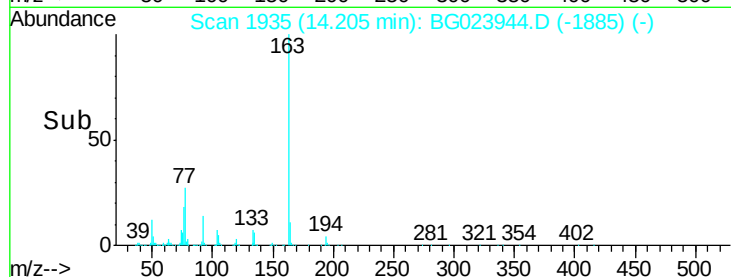
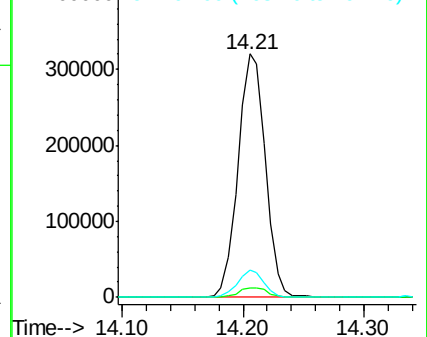
163 100

194 3.8 3.6 5.4

164 11.0 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: 50.63 ng

RT: 14.33 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

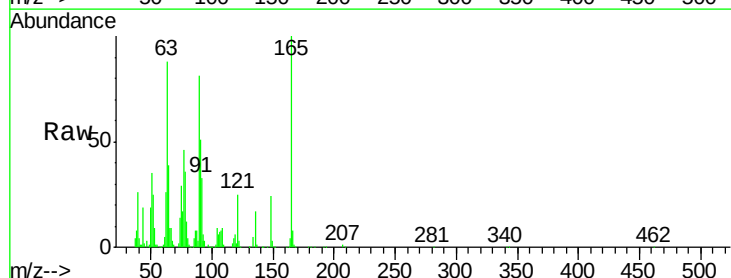
Tgt Ion:165 Resp: 108537

Ion Ratio Lower Upper

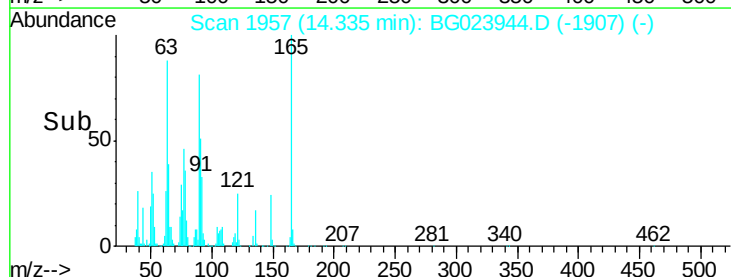
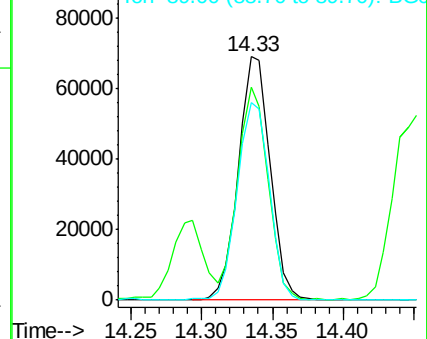
165 100

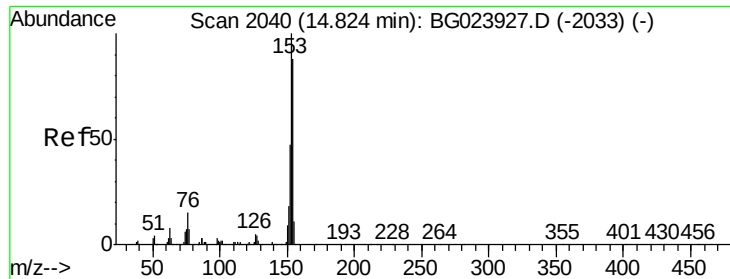
63 87.5 64.3 96.5

89 81.1 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: 49.51 ng

RT: 14.82 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

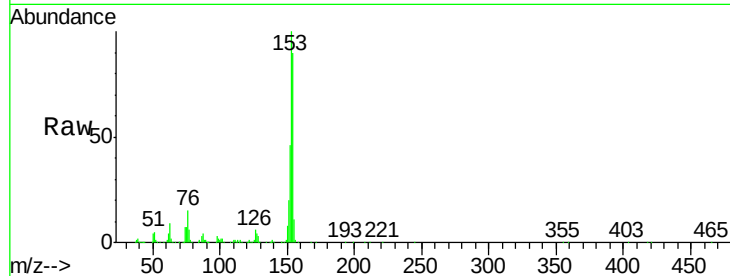
Tgt Ion:154 Resp: 356803

Ion Ratio Lower Upper

154 100

153 111.1 87.5 131.3

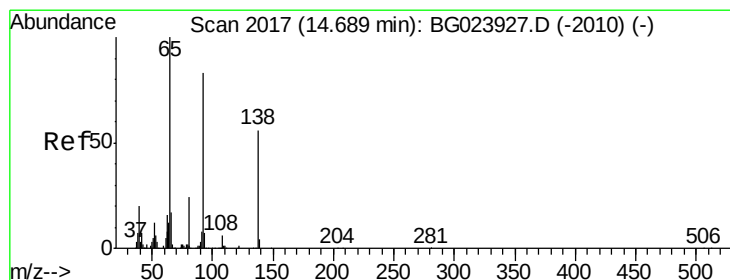
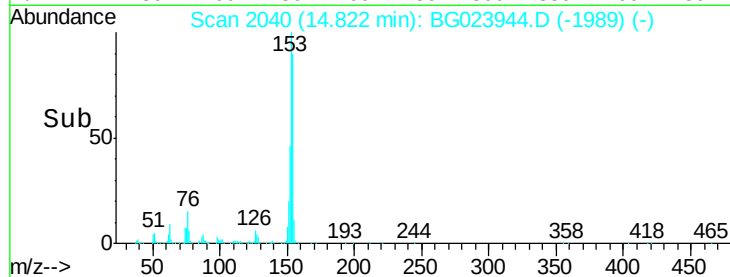
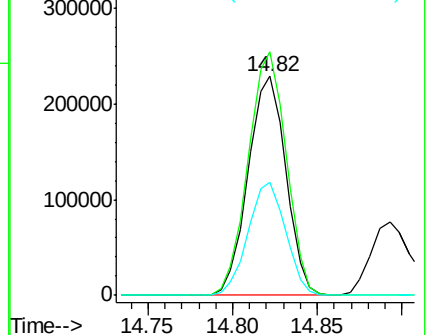
152 51.4 42.7 64.1



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: 15.79 ng

RT: 14.69 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

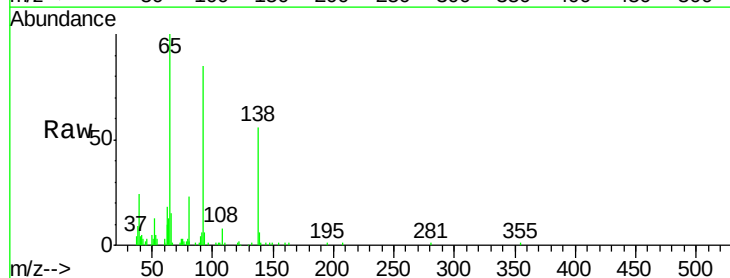
Tgt Ion:138 Resp: 31662

Ion Ratio Lower Upper

138 100

108 14.3 11.7 17.5

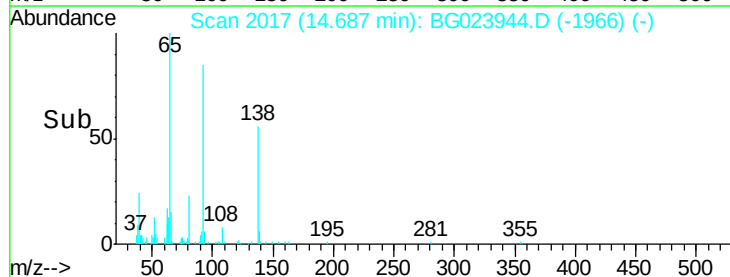
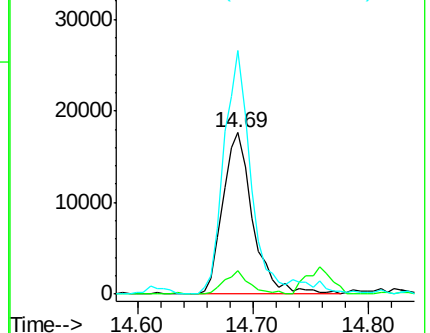
92 150.8 129.7 194.5

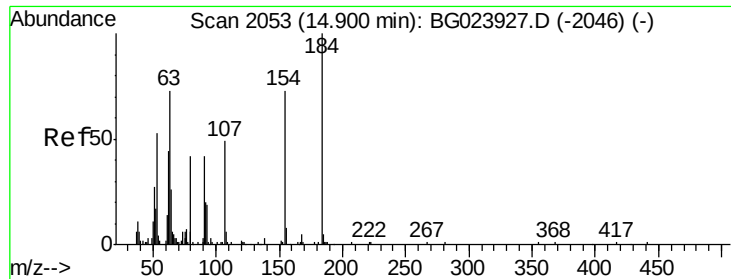


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

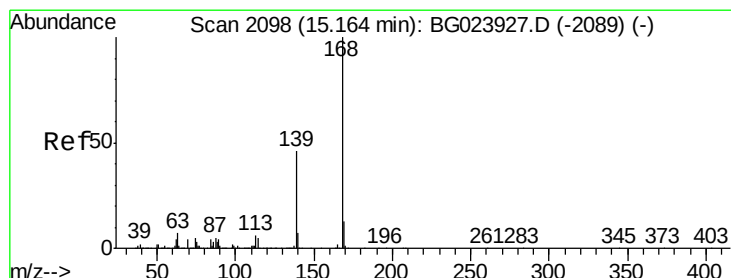
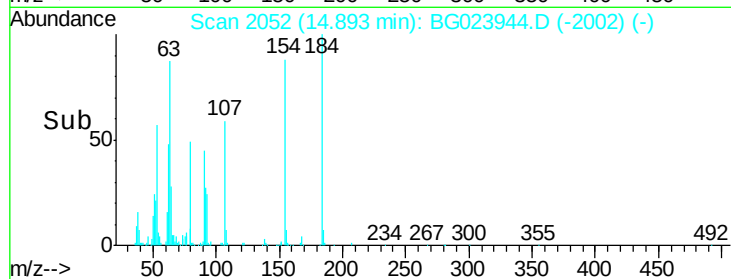
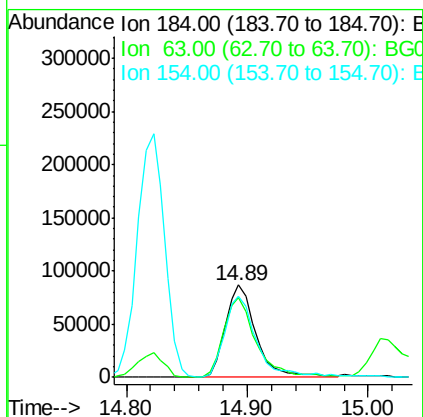
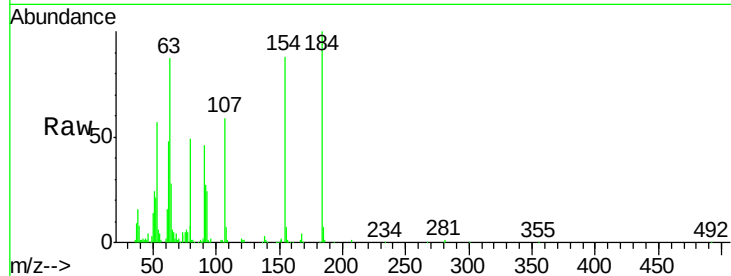




#53
2,4-Dinitrophenol
Concen: 95.98 ng
RT: 14.89 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

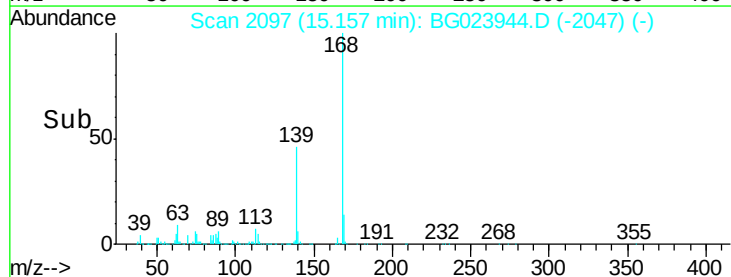
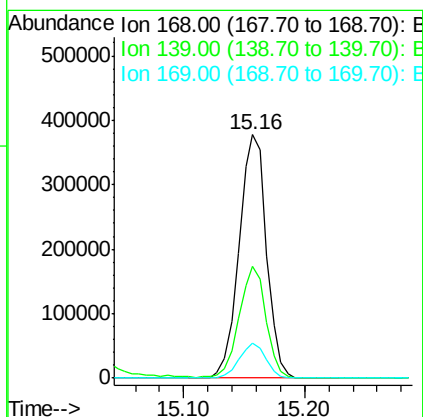
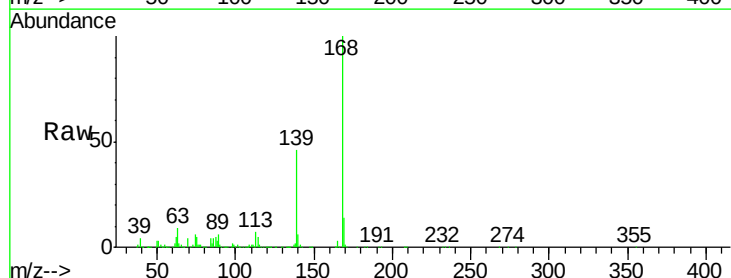
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

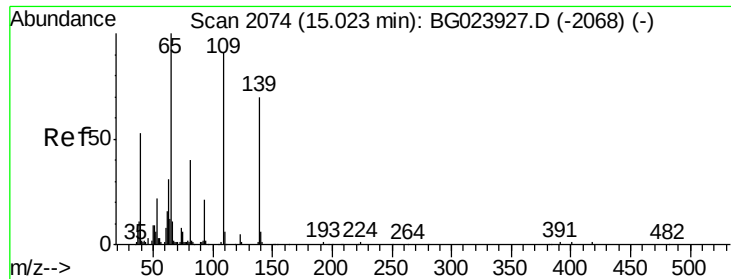
Tgt Ion:184 Resp: 152651
Ion Ratio Lower Upper
184 100
63 86.8 59.6 89.4
154 88.4 67.4 101.0



#54
Dibenzofuran
Concen: 52.82 ng
RT: 15.16 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:168 Resp: 594120
Ion Ratio Lower Upper
168 100
139 45.8 36.4 54.6
169 14.2 11.9 17.9

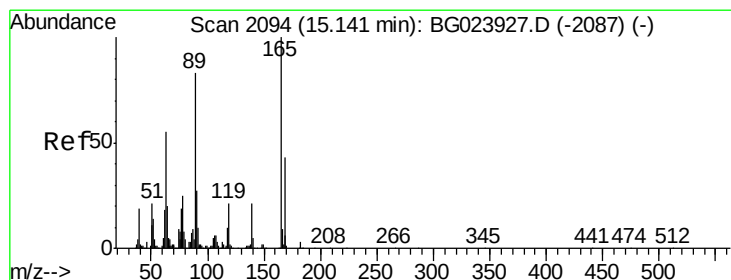
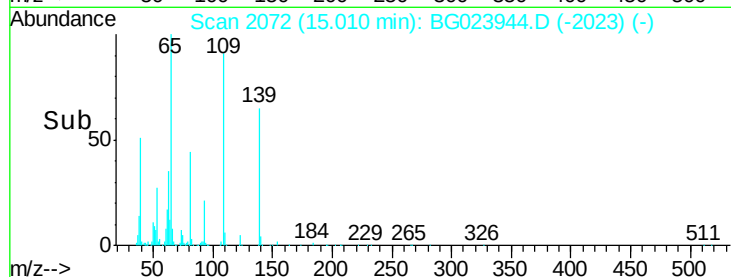
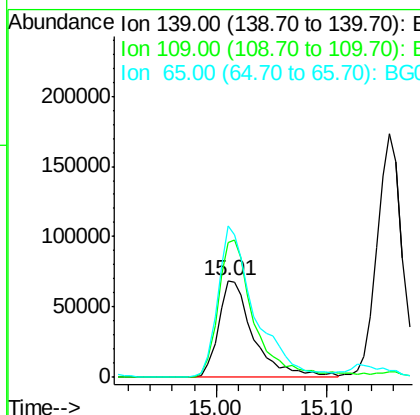
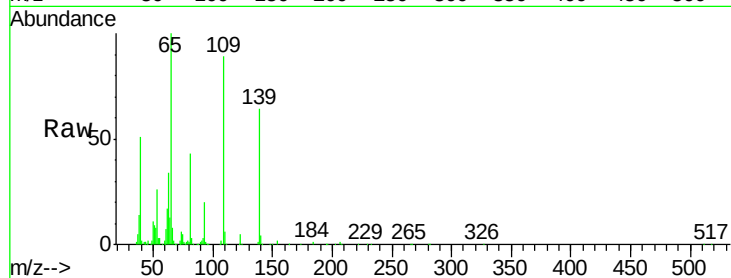




#55
4-Nitrophenol
Concen: 95.45 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

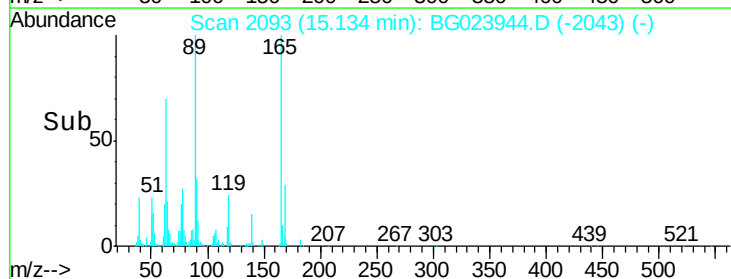
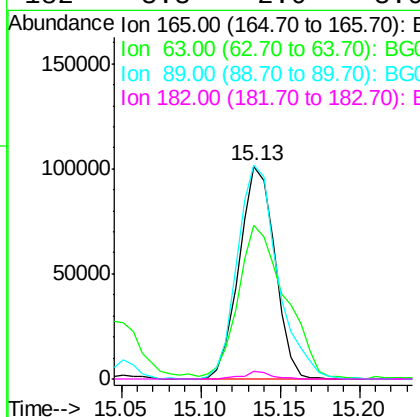
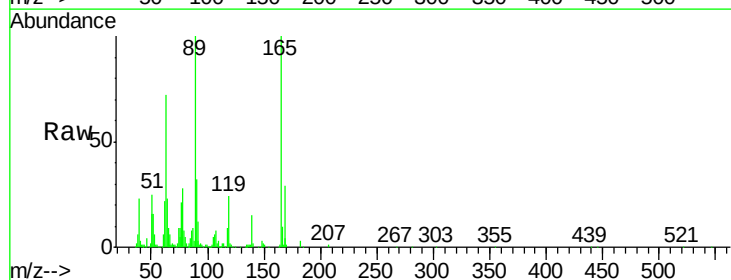
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

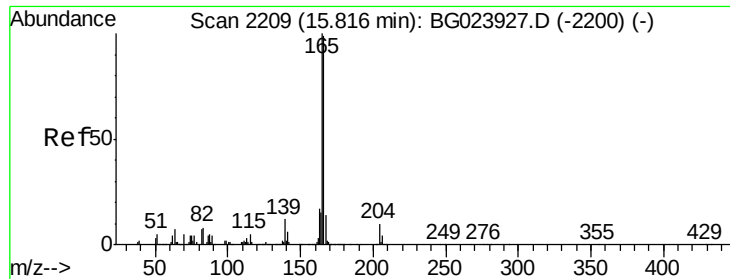
Tgt Ion:139 Resp: 152279
Ion Ratio Lower Upper
139 100
109 139.3 103.0 143.0
65 156.7 112.7 152.7#



#56
2,4-Dinitrotoluene
Concen: 50.14 ng
RT: 15.13 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:165 Resp: 157995
Ion Ratio Lower Upper
165 100
63 72.2 45.8 68.6#
89 100.4 68.6 102.8
182 3.3 2.0 3.0#

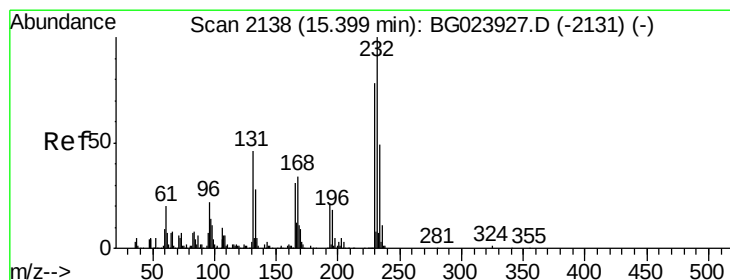
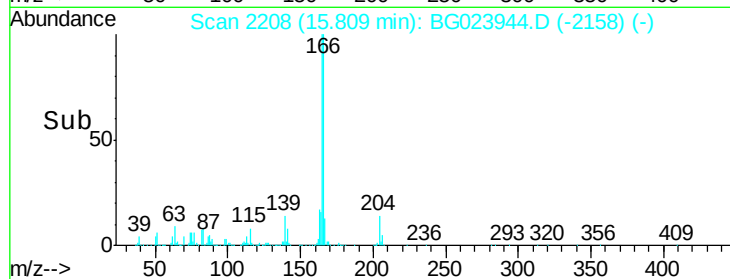
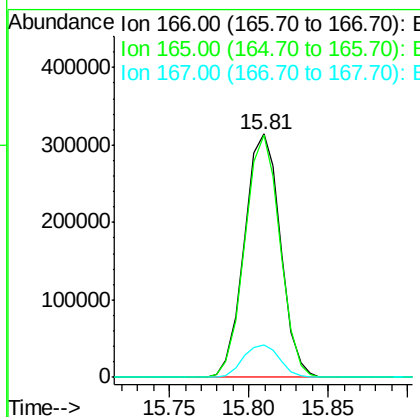
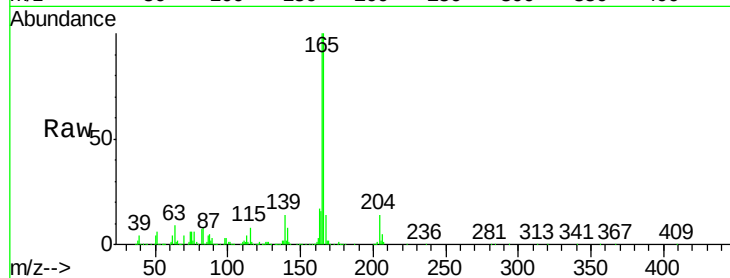




#57
 Fluorene
 Concen: 50.69 ng
 RT: 15.81 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

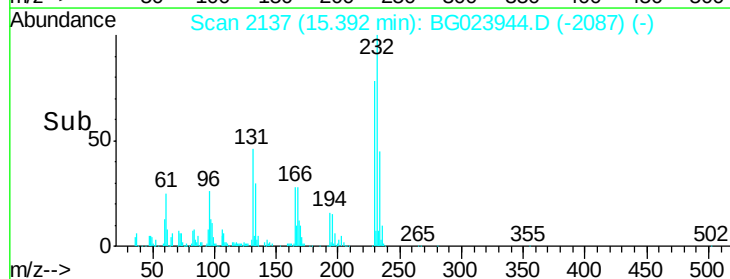
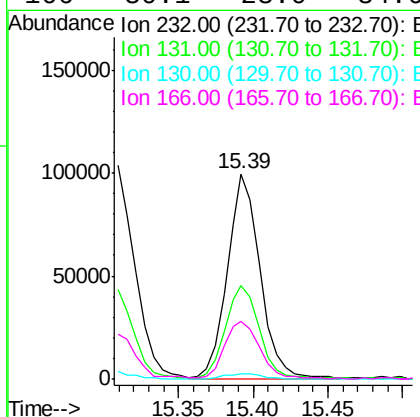
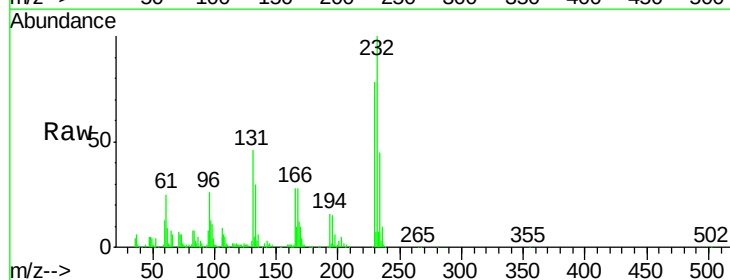
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

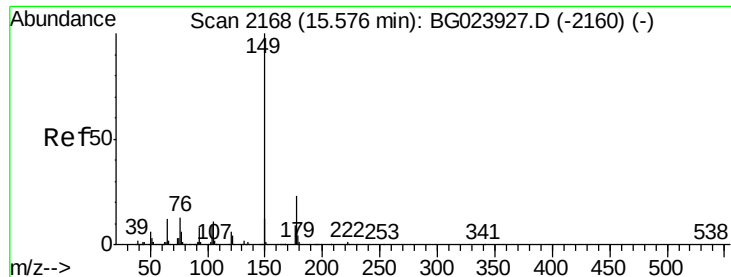
Tgt Ion:166 Resp: 494469
 Ion Ratio Lower Upper
 166 100
 165 99.7 81.0 121.6
 167 13.5 12.0 18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 56.72 ng
 RT: 15.39 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:232 Resp: 152673
 Ion Ratio Lower Upper
 232 100
 131 48.2 32.7 49.1
 130 3.0 2.6 3.8
 166 30.1 23.0 34.6





#59

Diethylphthalate

Concen: 50.33 ng

RT: 15.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

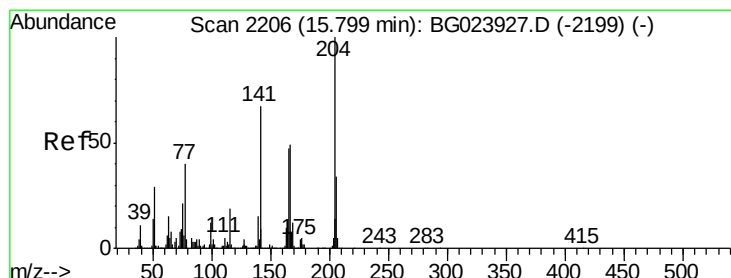
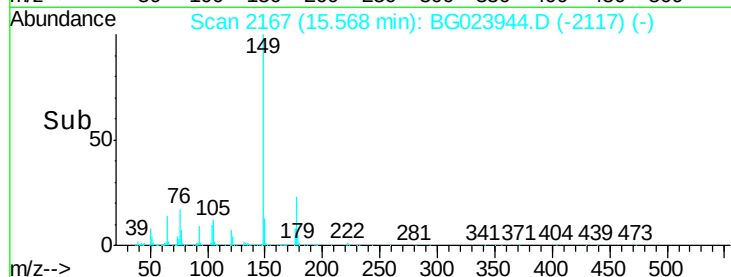
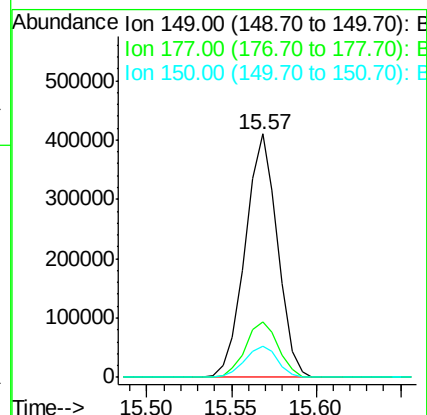
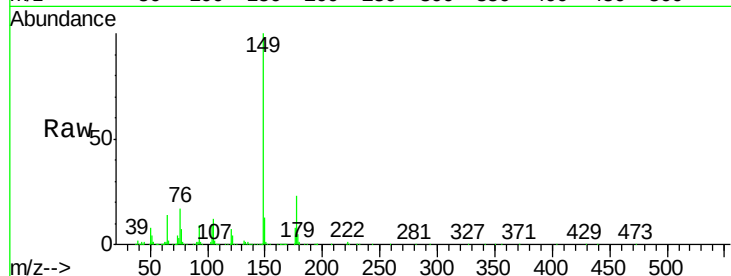
Tgt Ion:149 Resp: 545692

Ion Ratio Lower Upper

149 100

177 23.0 19.2 28.8

150 12.8 10.6 16.0



#60

4-Chlorophenyl-phenylether

Concen: 50.59 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

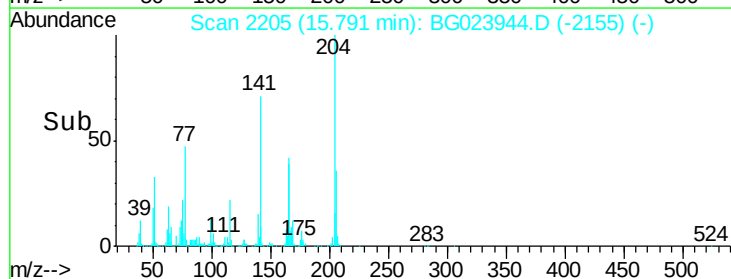
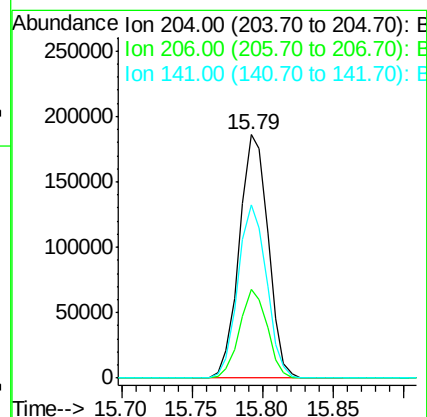
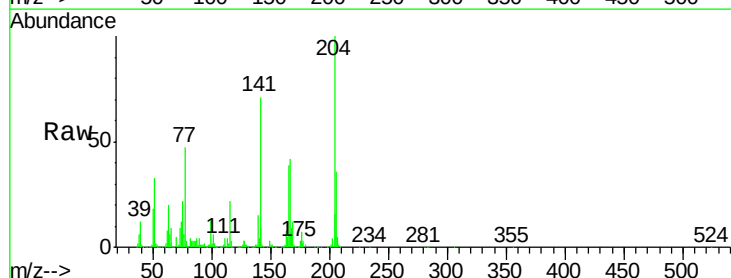
Tgt Ion:204 Resp: 265641

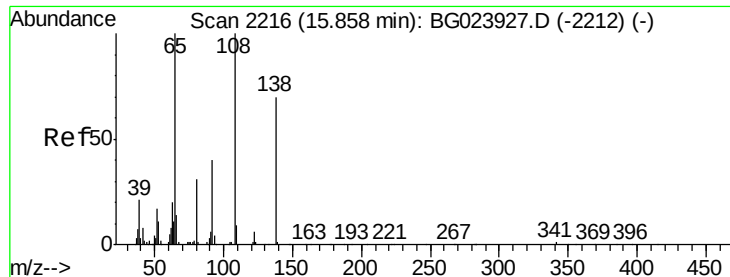
Ion Ratio Lower Upper

204 100

206 36.3 28.5 42.7

141 71.3 51.4 77.0

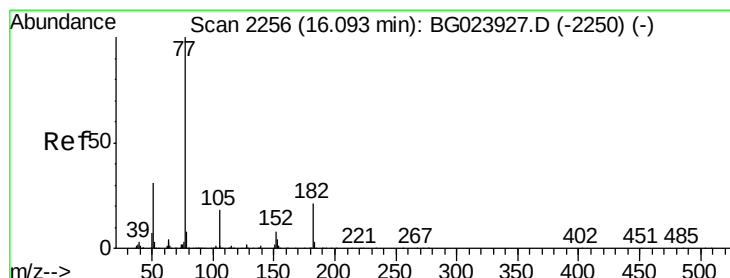
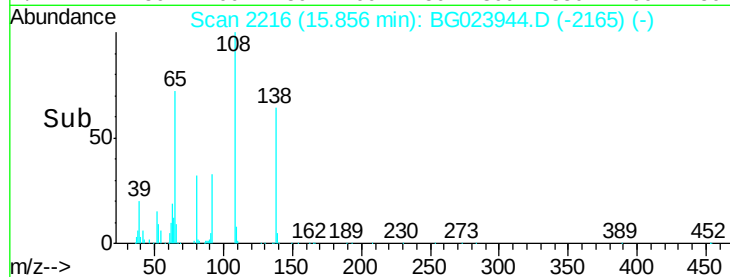
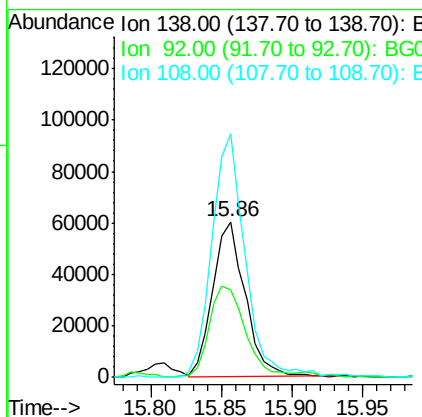
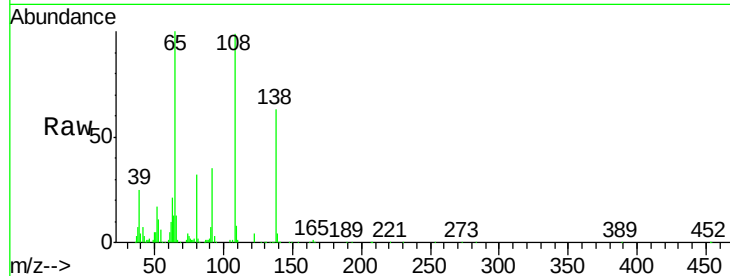




#61
4-Nitroaniline
Concen: 47.75 ng
RT: 15.86 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

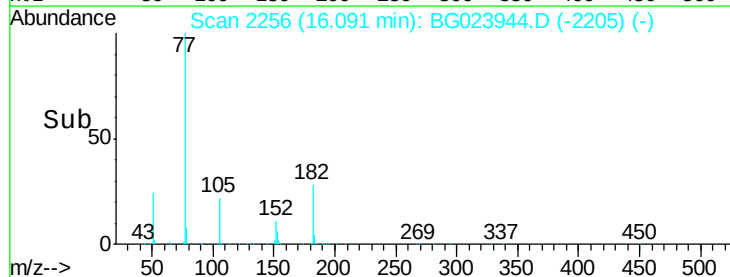
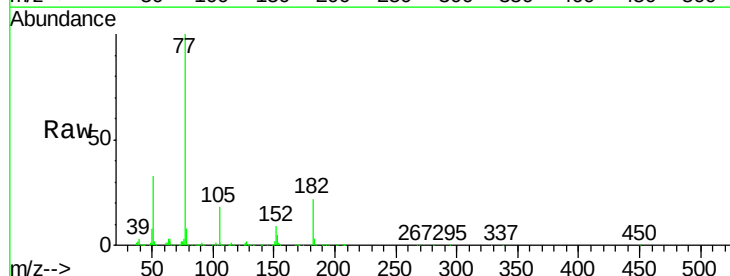
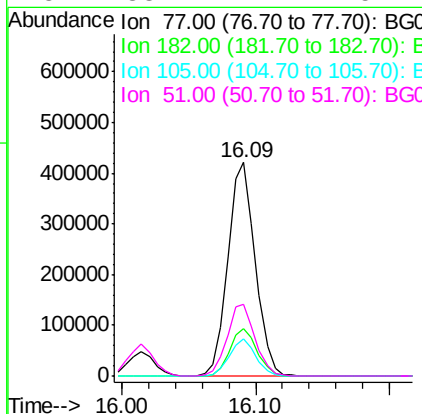
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

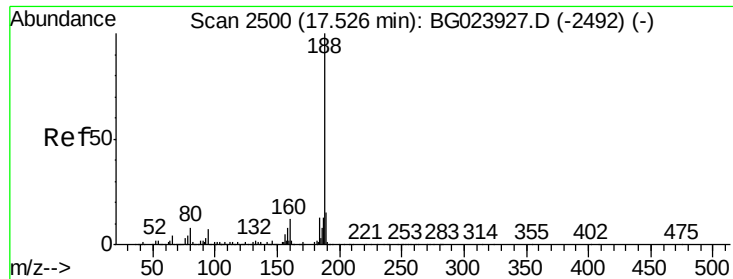
Tgt Ion:138 Resp: 96787
Ion Ratio Lower Upper
138 100
92 55.8 54.1 94.1
108 156.6 133.9 173.9



#62
Azobenzene
Concen: 57.24 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.00 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion: 77 Resp: 600974
Ion Ratio Lower Upper
77 100
182 22.4 3.5 43.5
105 17.5 0.0 38.5
51 33.4 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: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

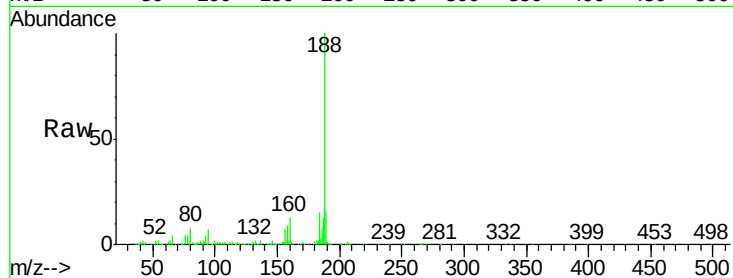
Tgt Ion:188 Resp: 322410

Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

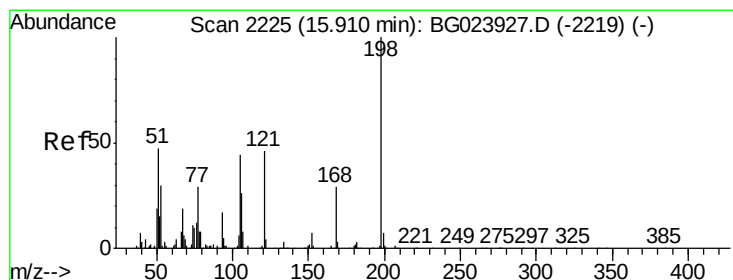
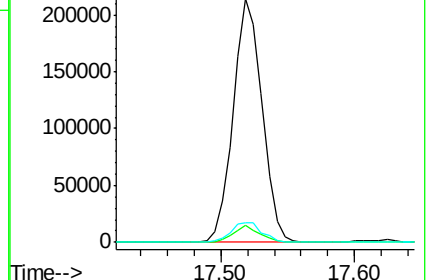
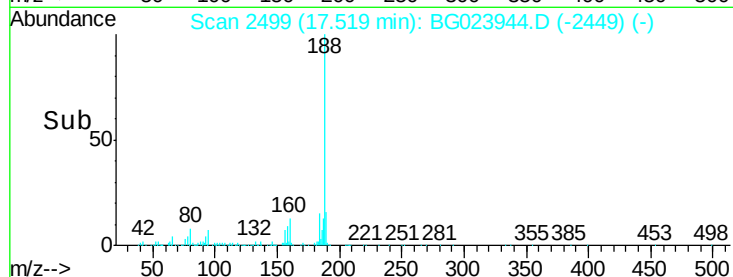
80 8.3 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG023944.D (-2449) (-)

Ion 80.00 (79.70 to 80.70): BG023944.D (-2449) (-)



#64

4,6-Dinitro-2-methylphenol

Concen: 49.21 ng

RT: 15.90 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

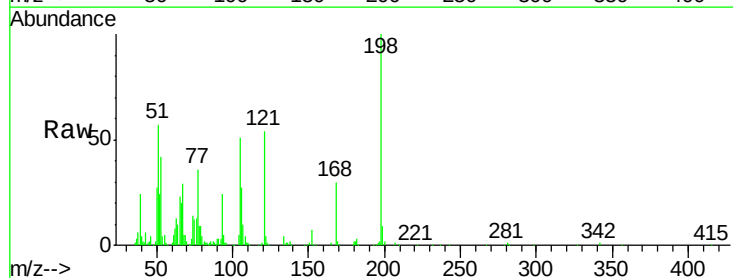
Tgt Ion:198 Resp: 110144

Ion Ratio Lower Upper

198 100

51 57.2 26.0 66.0

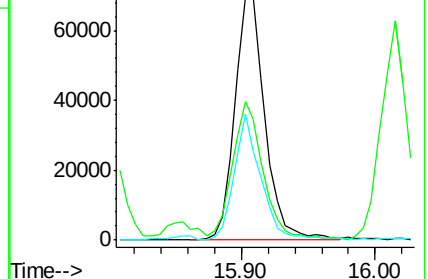
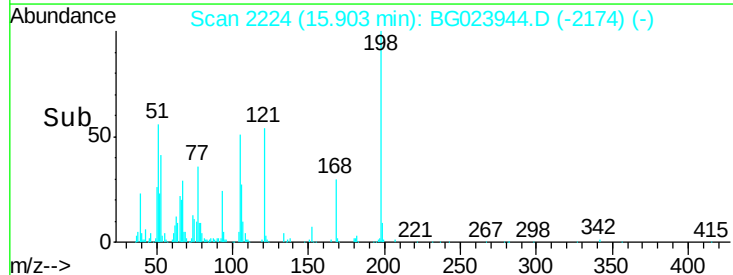
105 51.5 20.1 60.1

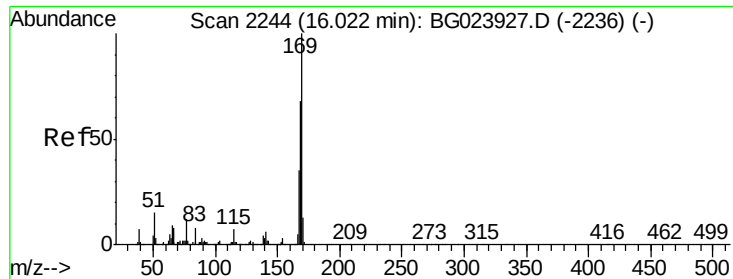


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG023944.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG023944.D (-2174) (-)





#65

n-Nitrosodiphenylamine

Concen: 49.63 ng

RT: 16.01 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

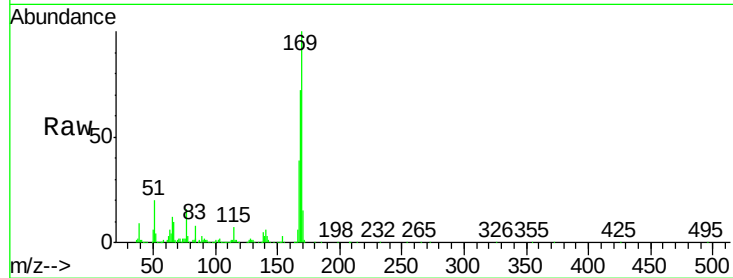
Tgt Ion:169 Resp: 454452

Ion Ratio Lower Upper

169 100

168 72.0 55.0 82.4

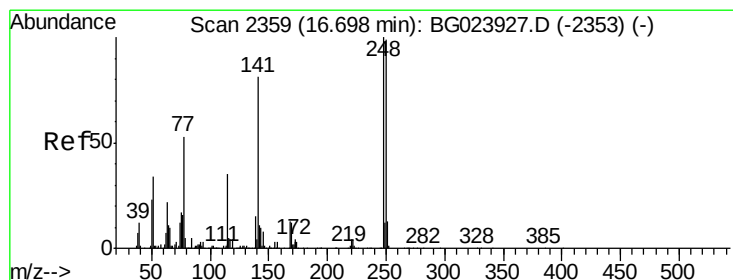
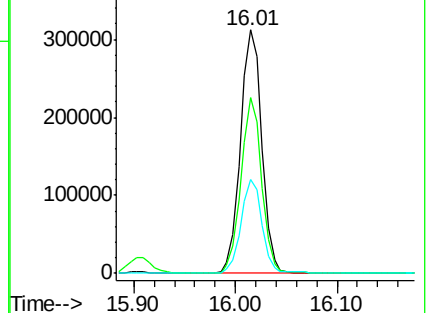
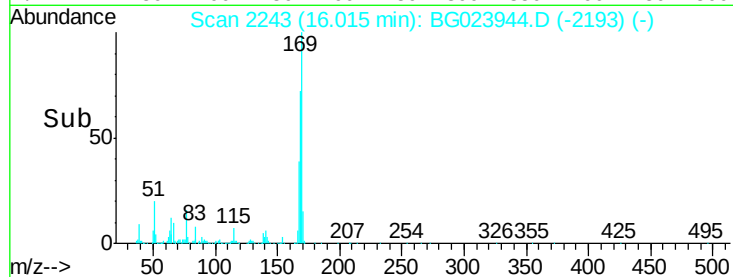
167 38.8 27.4 41.0



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: 51.60 ng

RT: 16.70 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

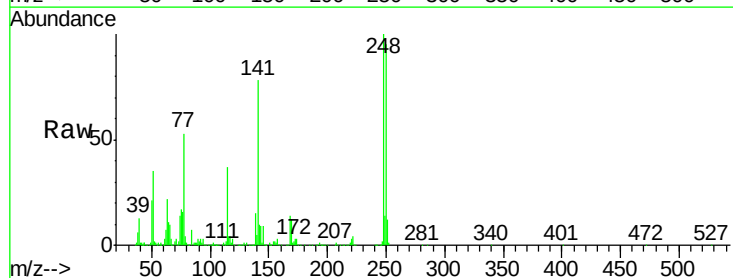
Tgt Ion:248 Resp: 202400

Ion Ratio Lower Upper

248 100

250 95.0 77.8 116.8

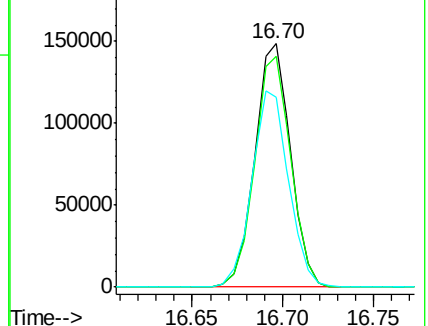
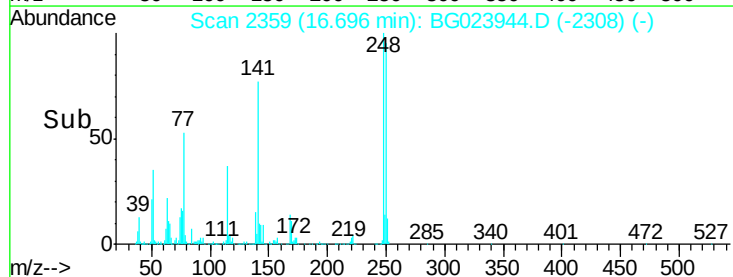
141 77.7 65.7 98.5

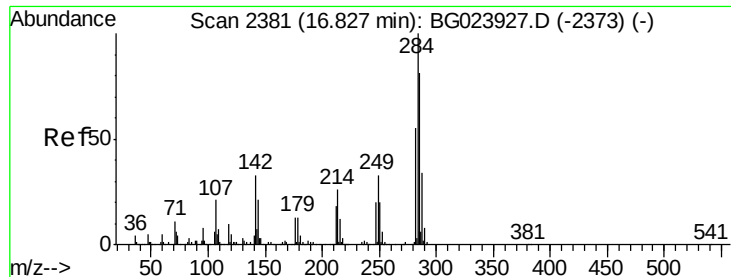


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

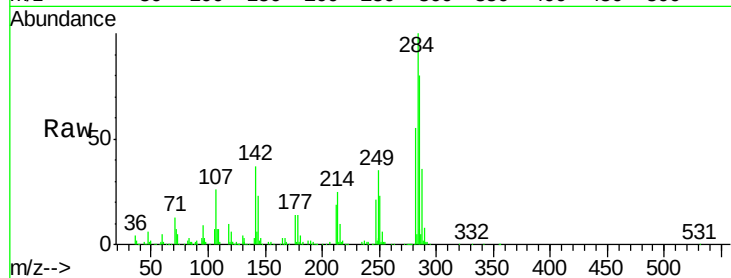




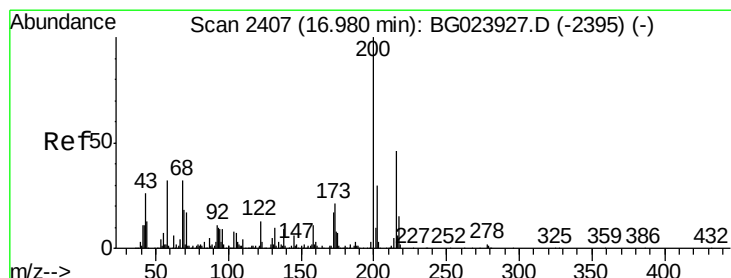
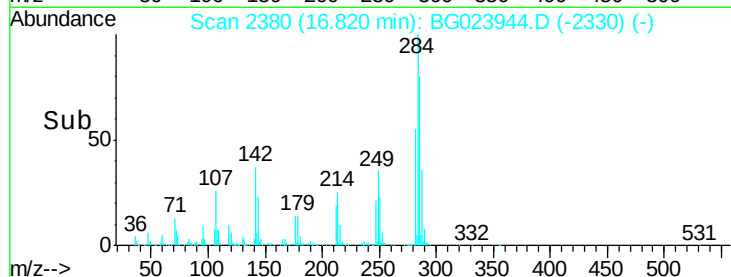
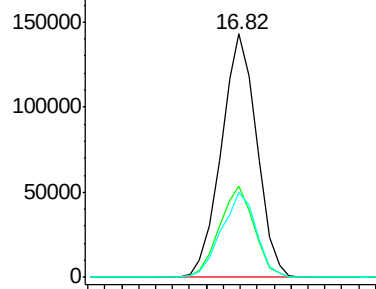
#67
Hexachlorobenzene
Concen: 45.27 ng
RT: 16.82 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.5	26.8	40.2
249	34.9	28.9	43.3

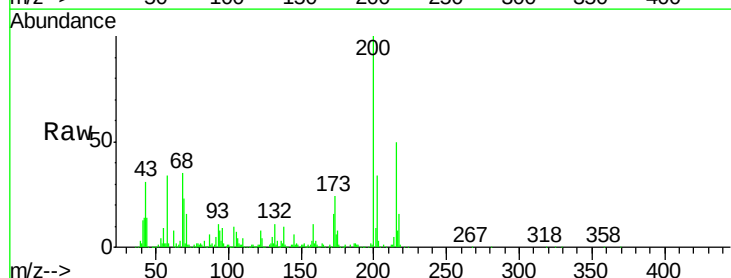


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

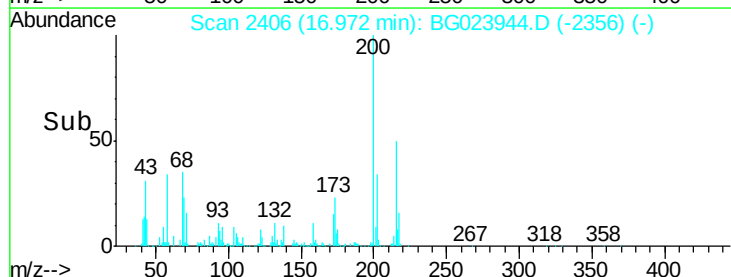
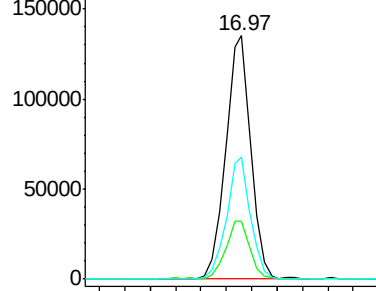


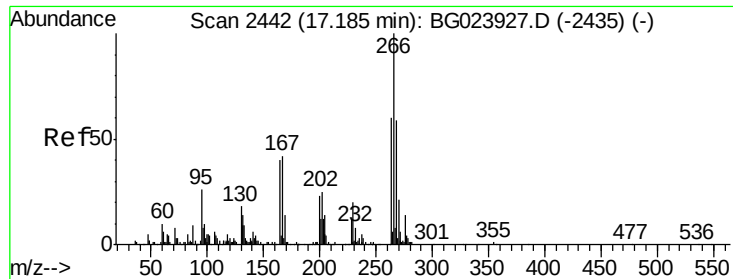
#68
Atrazine
Concen: 47.30 ng
RT: 16.97 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	1.6	41.6
215	50.4	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





#69

Pentachlorophenol

Concen: 95.44 ng

RT: 17.17 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

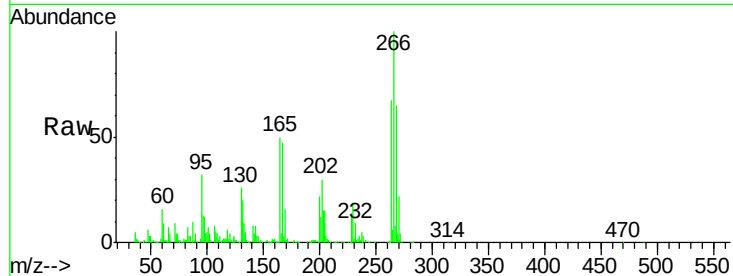
Tgt Ion:266 Resp: 233206

Ion Ratio Lower Upper

266 100

268 64.5 51.9 77.9

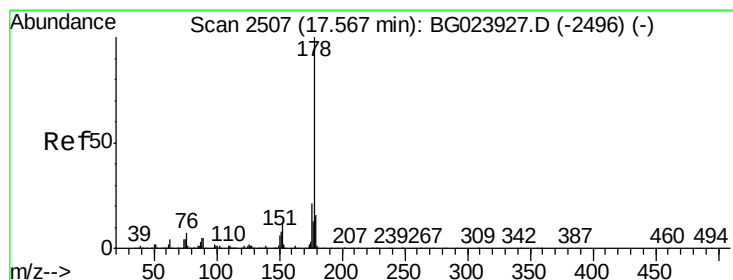
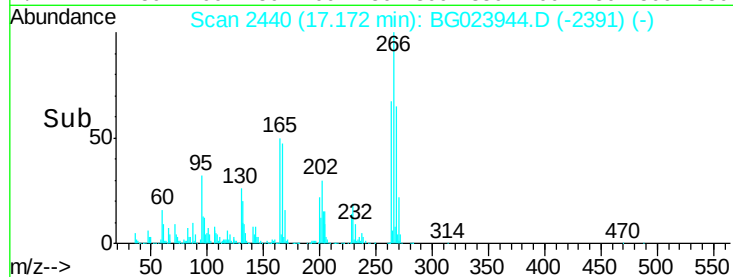
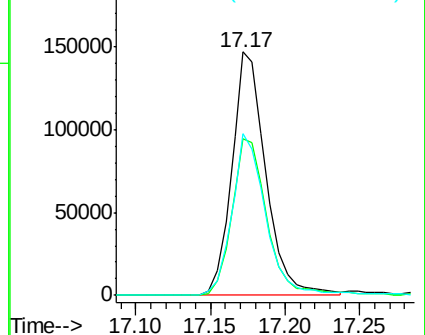
264 66.6 50.6 75.8



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: 52.46 ng

RT: 17.57 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

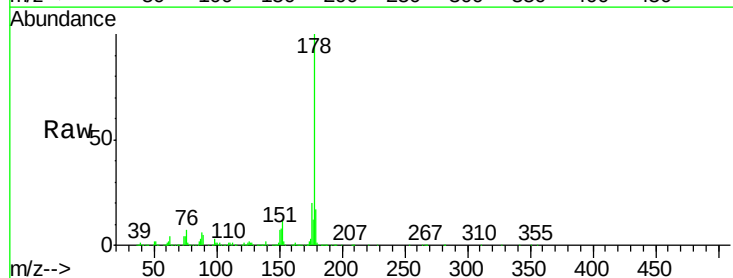
Tgt Ion:178 Resp: 879798

Ion Ratio Lower Upper

178 100

176 20.2 16.8 25.2

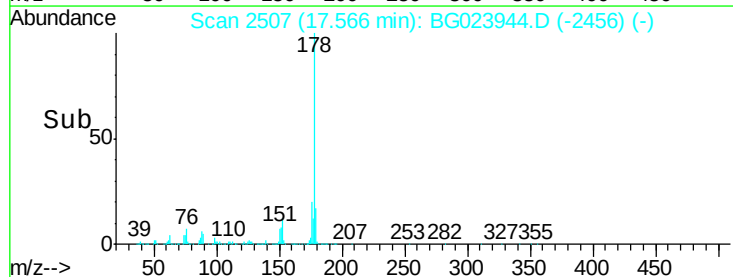
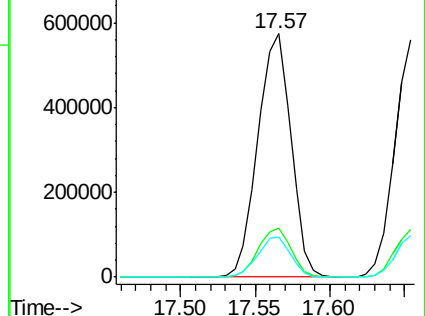
179 16.7 14.3 21.5

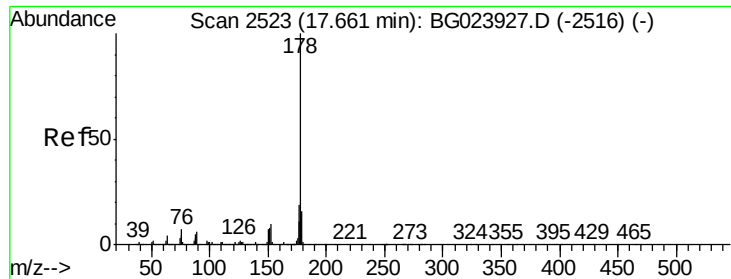


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

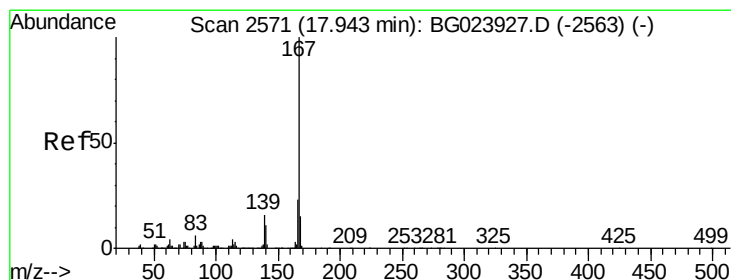
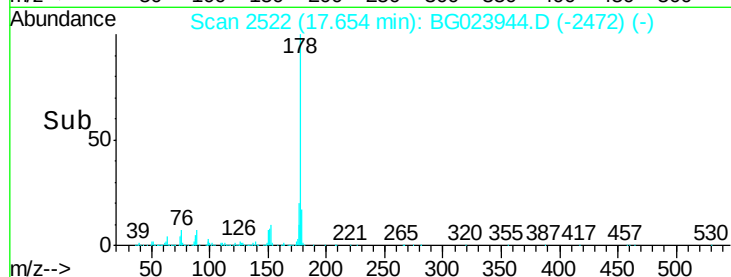
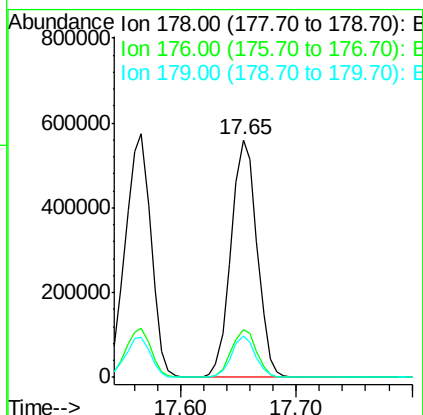
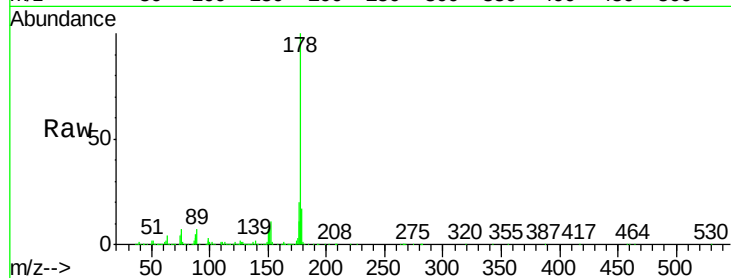




#71
 Anthracene
 Concen: 51.10 ng
 RT: 17.65 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

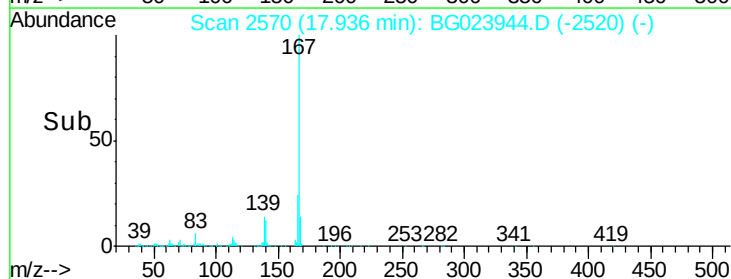
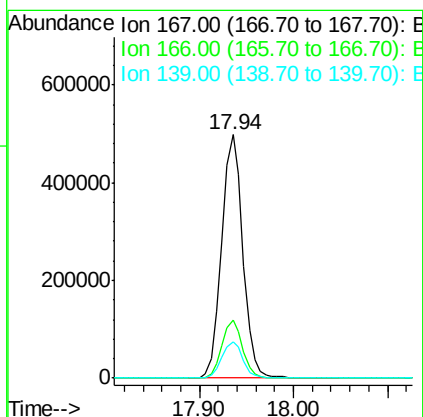
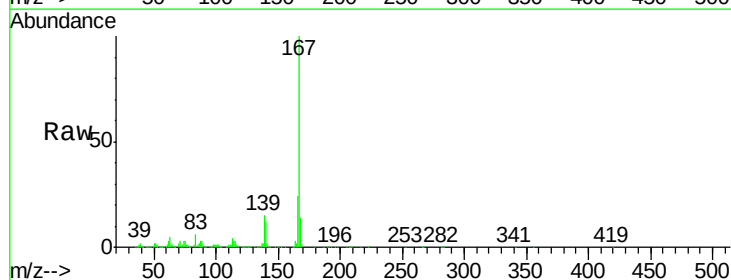
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

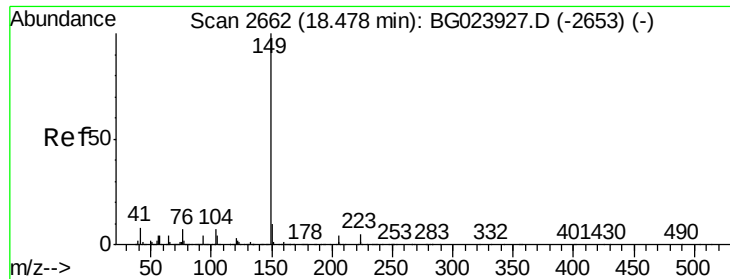
Tgt Ion:178 Resp: 874256
 Ion Ratio Lower Upper
 178 100
 176 20.3 17.3 25.9
 179 17.3 14.0 21.0



#72
 Carbazole
 Concen: 50.51 ng
 RT: 17.94 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:167 Resp: 784200
 Ion Ratio Lower Upper
 167 100
 166 23.9 20.7 31.1
 139 14.7 11.9 17.9

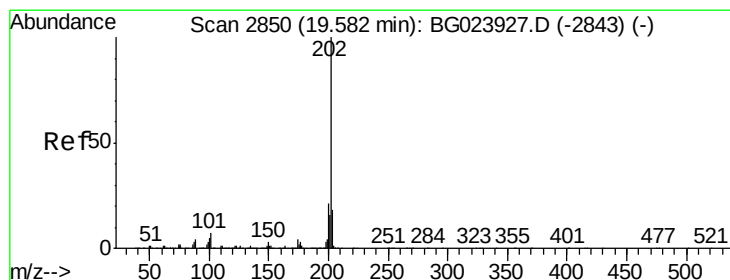
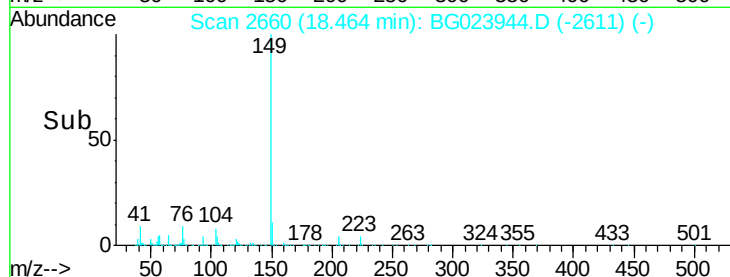
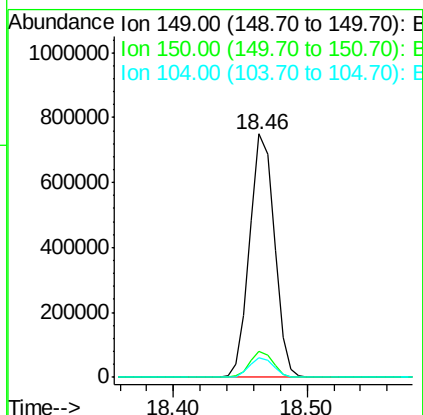
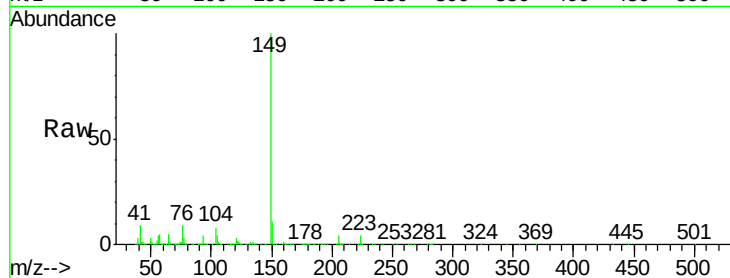




#73
Di-n-butylphthalate
Concen: 51.45 ng
RT: 18.46 min Scan# 2660
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

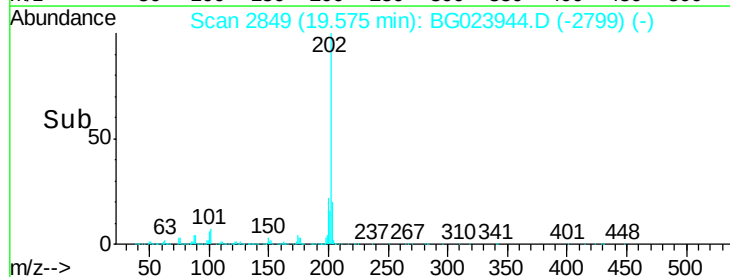
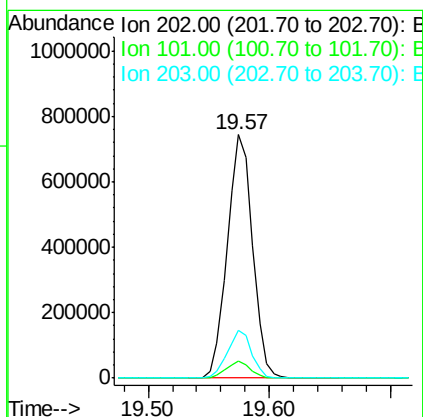
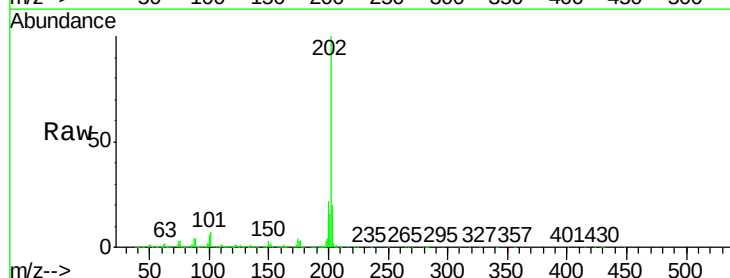
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

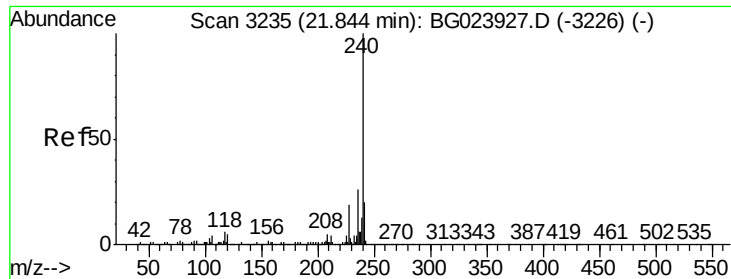
Tgt Ion:149 Resp: 952950
Ion Ratio Lower Upper
149 100
150 10.7 9.1 13.7
104 8.0 6.9 10.3



#74
Fluoranthene
Concen: 53.36 ng
RT: 19.57 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:202 Resp: 1077594
Ion Ratio Lower Upper
202 100
101 7.1 0.0 27.4
203 19.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

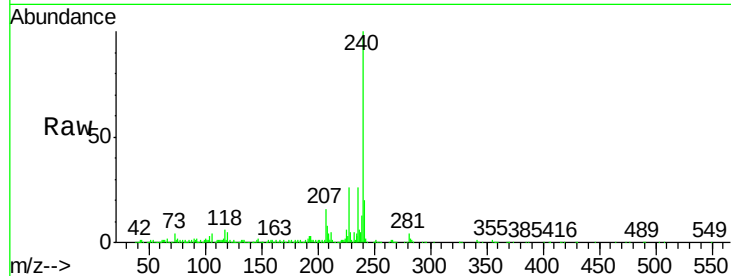
Tgt Ion:240 Resp: 339421

Ion Ratio Lower Upper

240 100

120 4.6 4.1 6.1

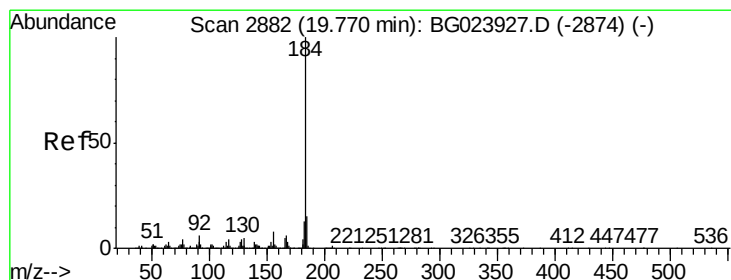
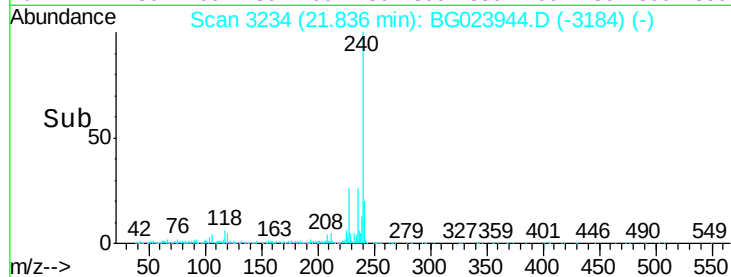
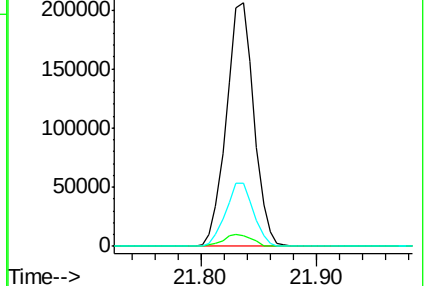
236 25.9 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 6.32 ng m

RT: 19.80 min Scan# 2887

Delta R.T. 0.03 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

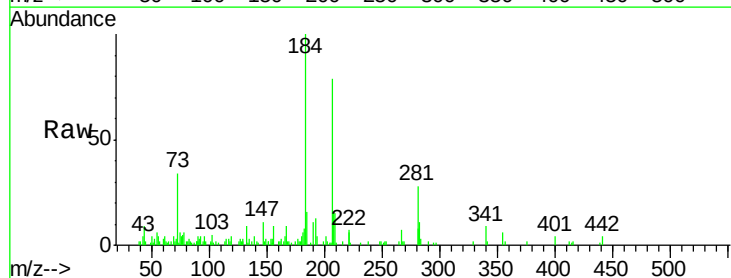
Tgt Ion:184 Resp: 66375

Ion Ratio Lower Upper

184 100

185 15.7 12.6 19.0

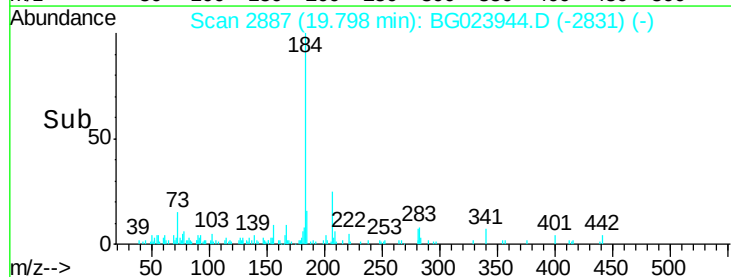
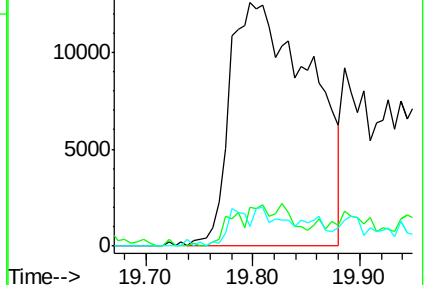
183 8.2 10.7 16.1#

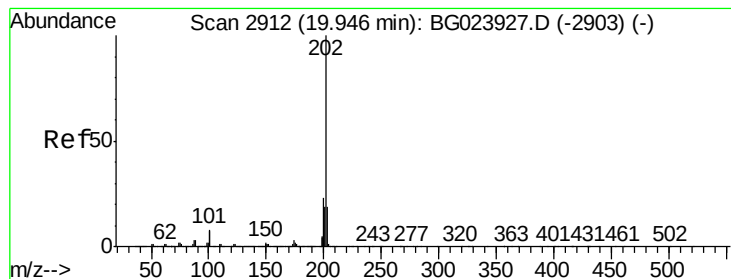


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.57 ng

RT: 19.94 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

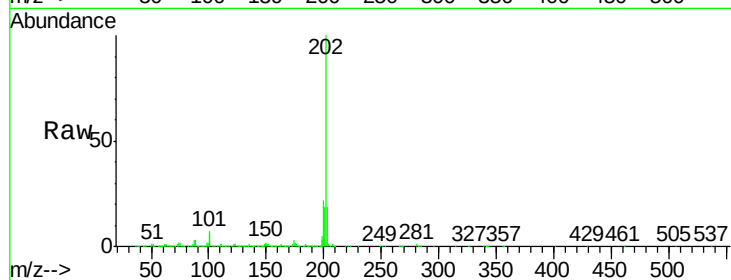
Tgt Ion:202 Resp: 1076560

Ion Ratio Lower Upper

202 100

200 21.9 21.2 31.8

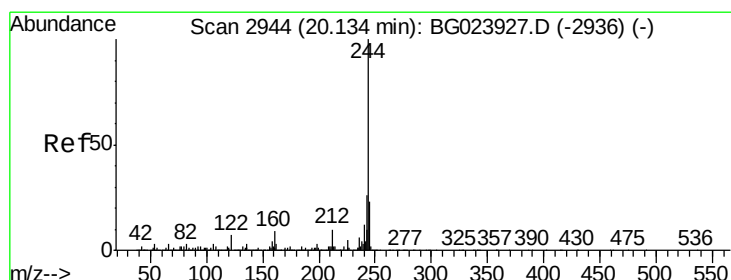
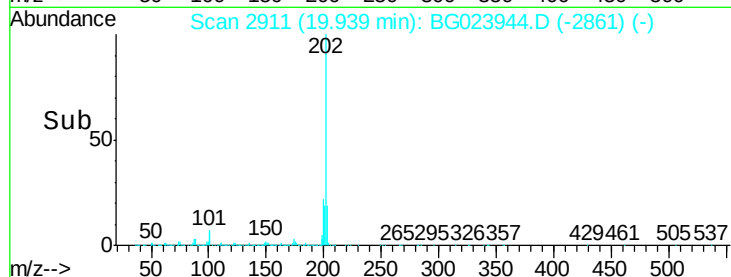
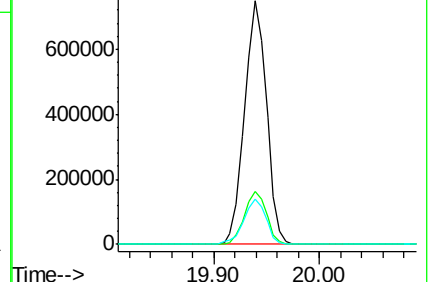
203 18.7 16.8 25.2



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: 100.66 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

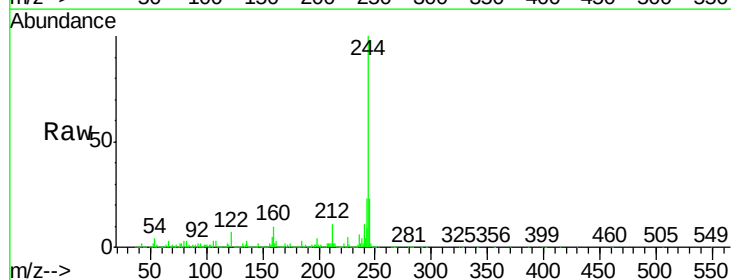
Tgt Ion:244 Resp: 1500224

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

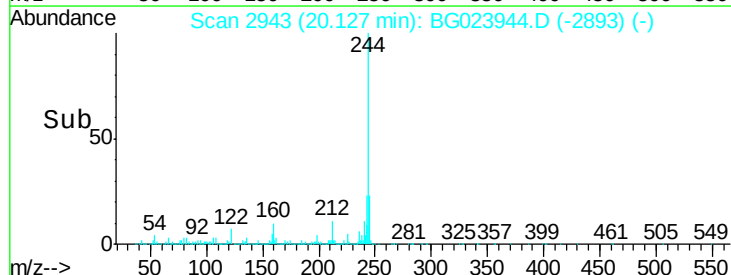
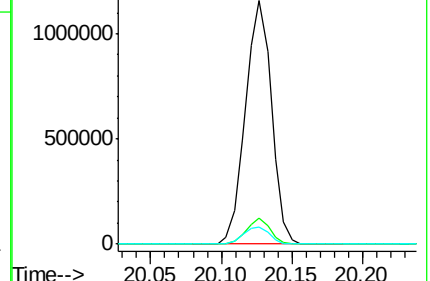
122 7.2 8.0 12.0#

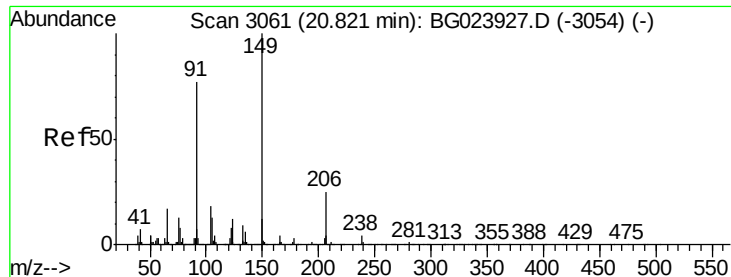


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

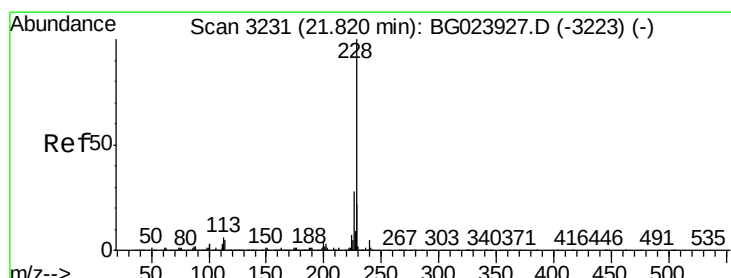
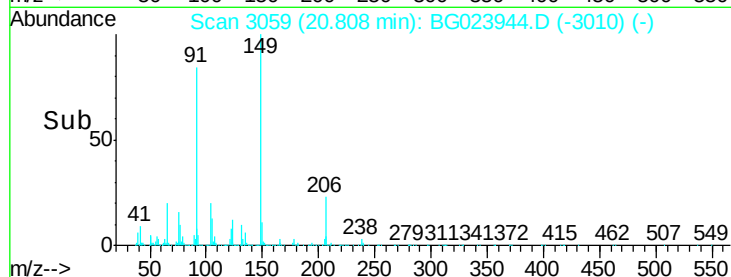
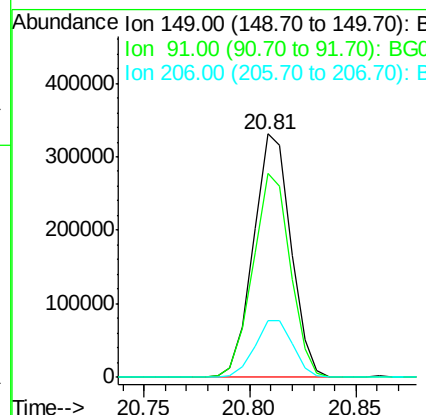
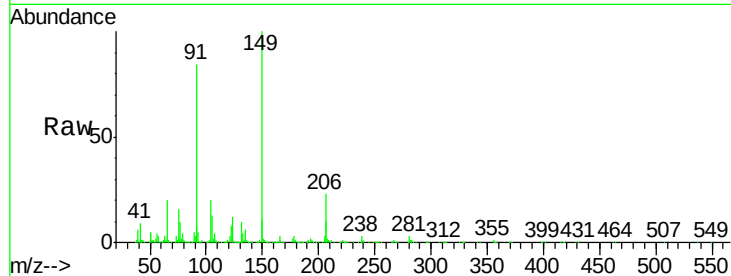




#79
Butylbenzylphthalate
Concen: 50.61 ng
RT: 20.81 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

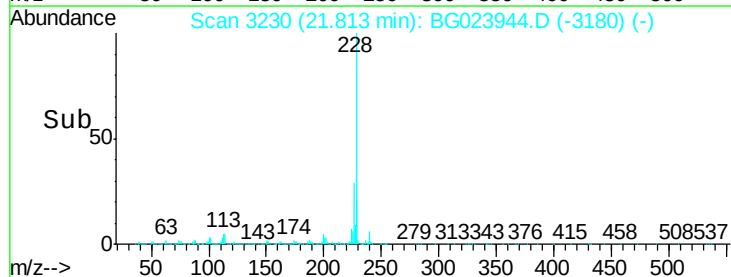
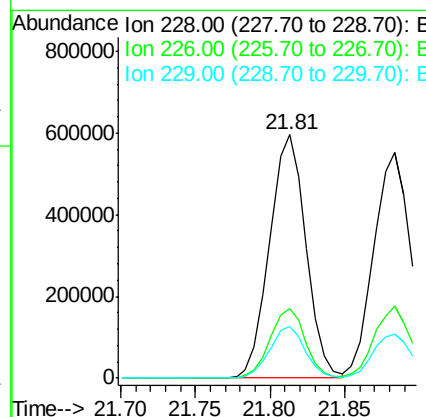
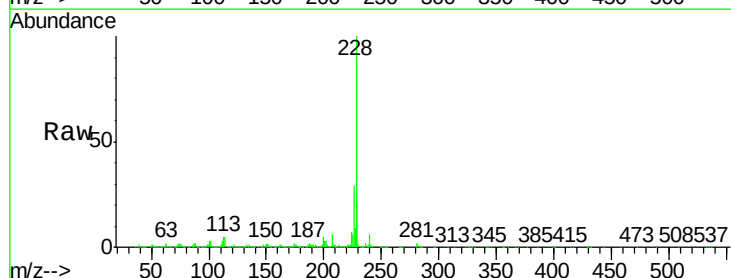
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

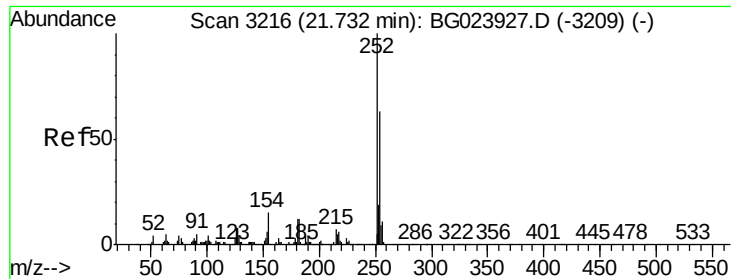
Tgt Ion:149 Resp: 407311
Ion Ratio Lower Upper
149 100
91 84.0 68.1 102.1
206 23.1 19.8 29.6



#80
Benzo(a)anthracene
Concen: 53.04 ng
RT: 21.81 min Scan# 3230
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:228 Resp: 1007691
Ion Ratio Lower Upper
228 100
226 28.5 25.3 37.9
229 21.0 19.9 29.9

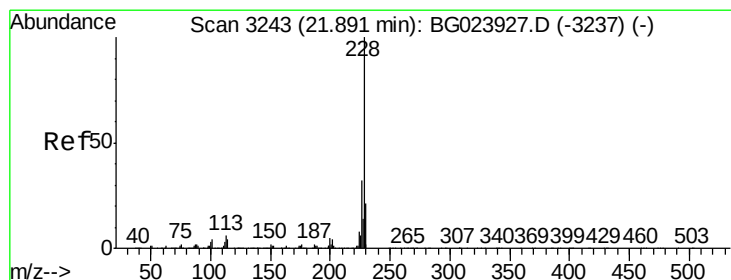
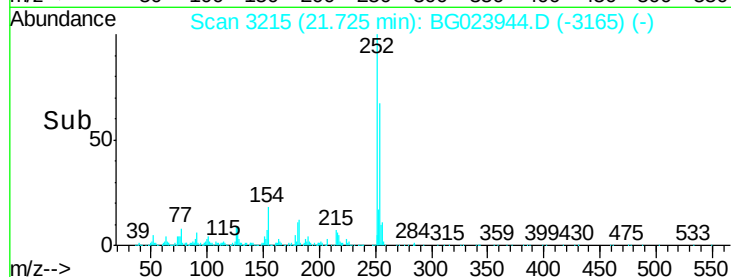
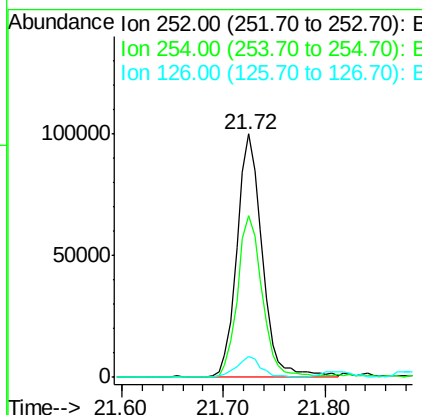
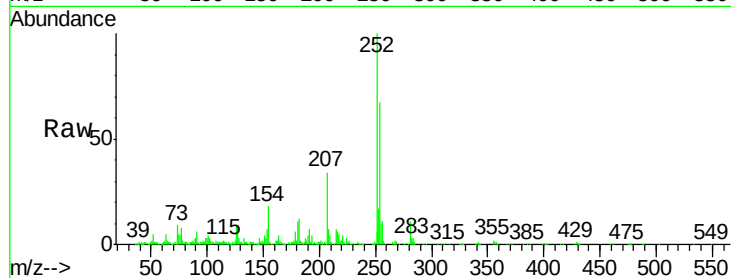




#81
 3,3'-Dichlorobenzidine
 Concen: 22.60 ng
 RT: 21.72 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

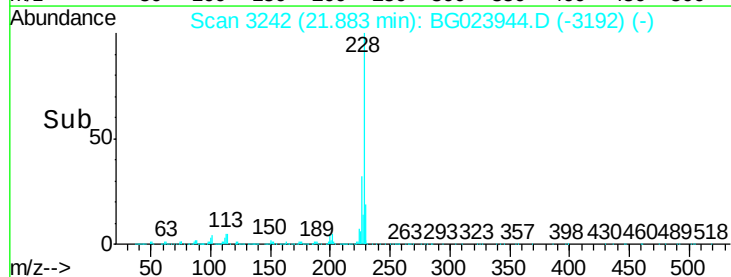
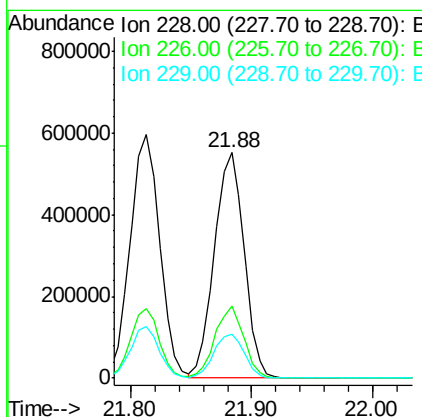
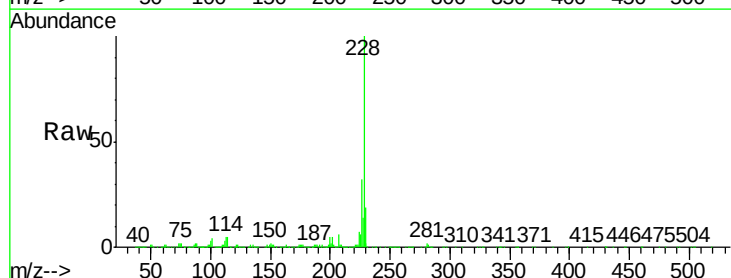
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

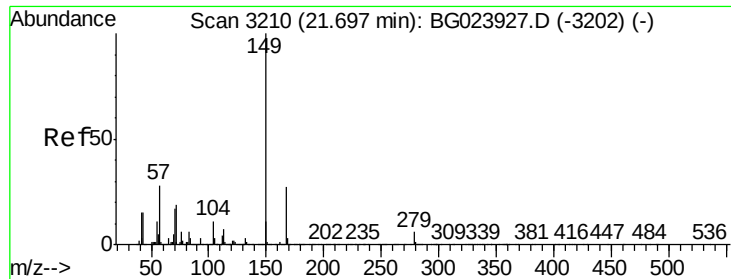
Tgt Ion:252 Resp: 171637
 Ion Ratio Lower Upper
 252 100
 254 66.6 51.2 76.8
 126 8.7 5.3 7.9#



#82
 Chrysene
 Concen: 51.87 ng
 RT: 21.88 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:228 Resp: 938123
 Ion Ratio Lower Upper
 228 100
 226 32.2 26.7 40.1
 229 19.3 17.4 26.2

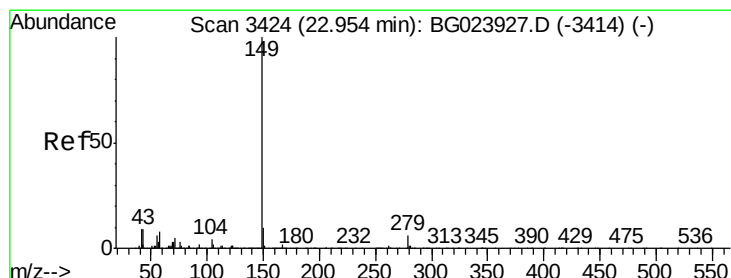
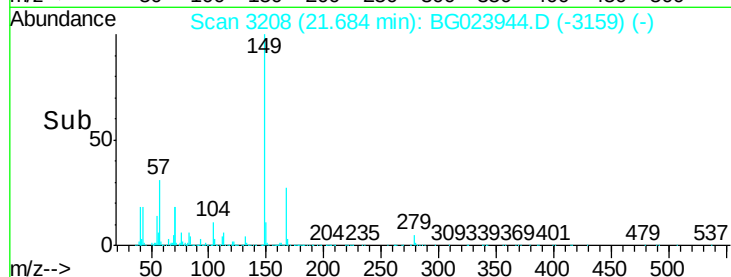
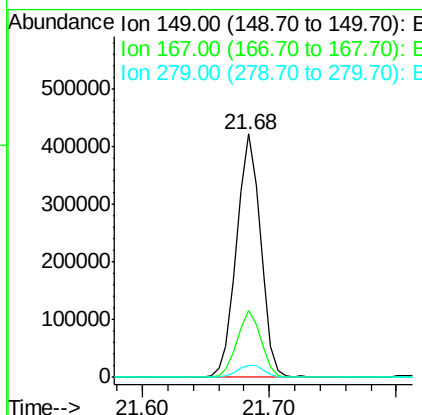
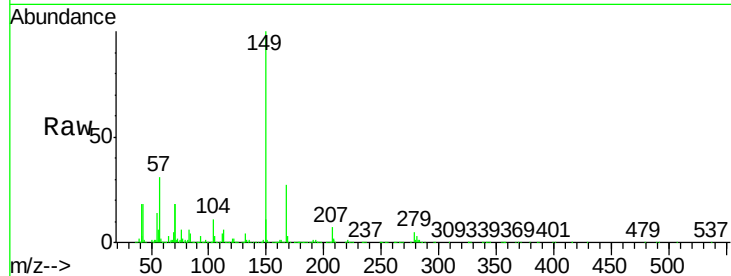




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 50.06 ng
 RT: 21.68 min Scan# 3208
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

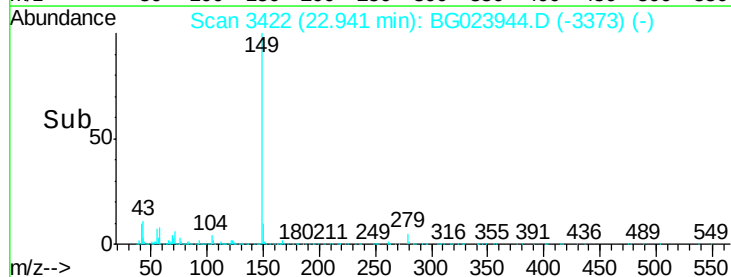
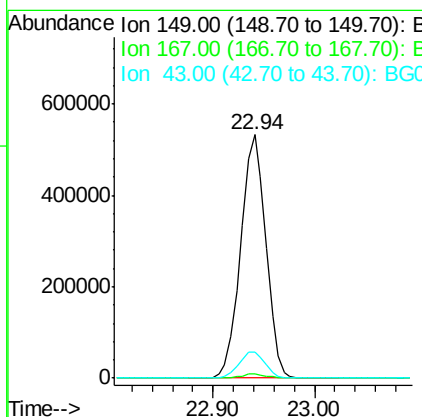
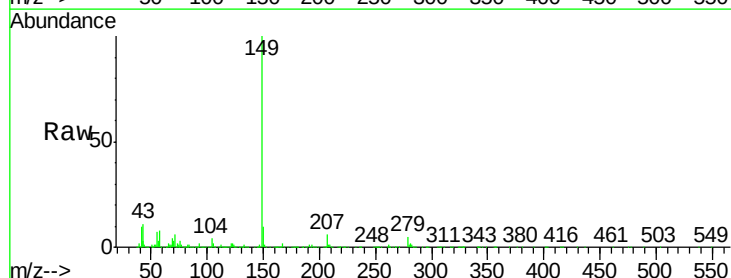
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

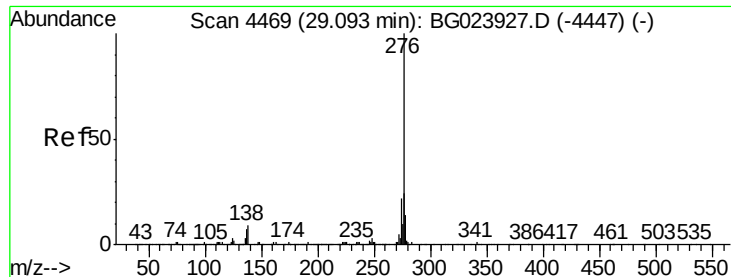
Tgt Ion:149 Resp: 551612
 Ion Ratio Lower Upper
 149 100
 167 27.4 24.0 36.0
 279 4.9 4.8 7.2



#84
 Di-n-octyl phthalate
 Concen: 50.67 ng
 RT: 22.94 min Scan# 3422
 Delta R.T. -0.01 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:149 Resp: 915641
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.5 2.3
 43 11.0 8.8 13.2

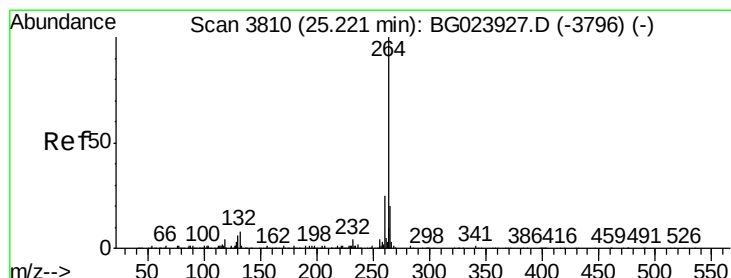
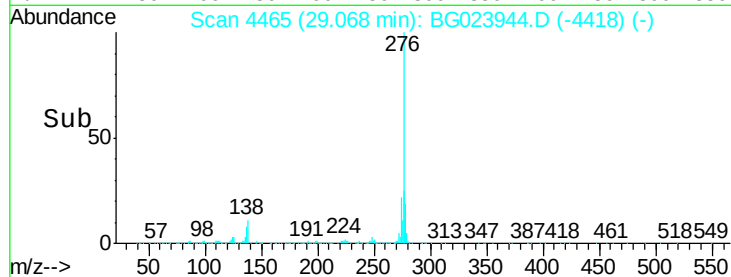
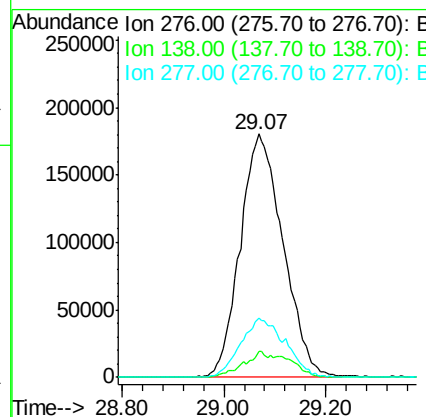
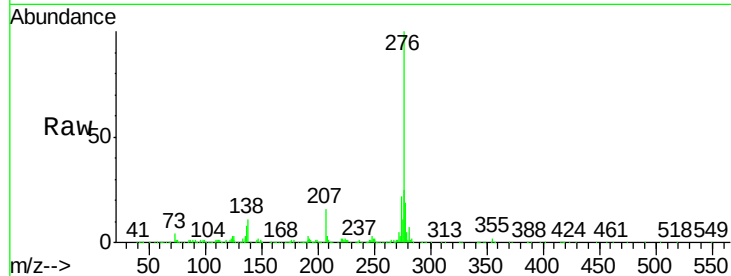




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.93 ng
 RT: 29.07 min Scan# 4465
 Delta R.T. -0.02 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

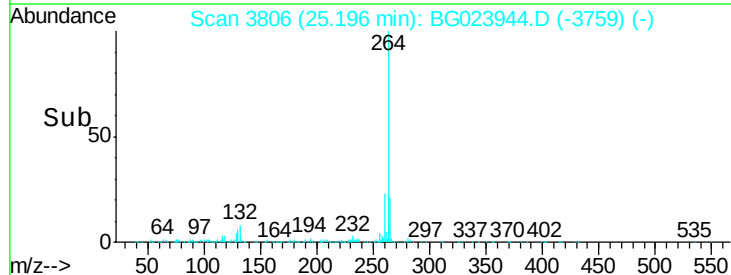
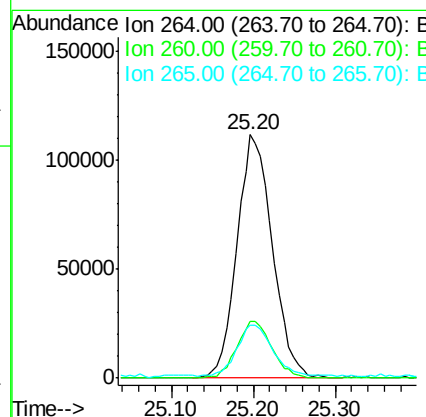
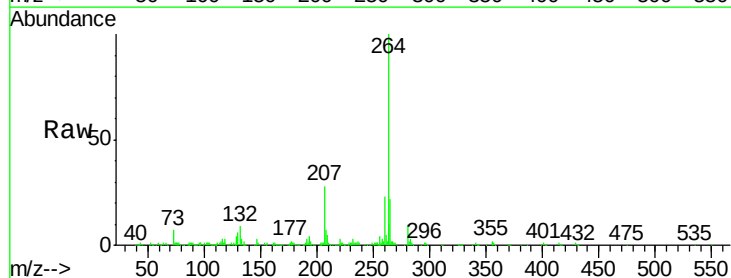
Instrument :
 BNA_G
 ClientSampleId :
 11FT-SOILMSD

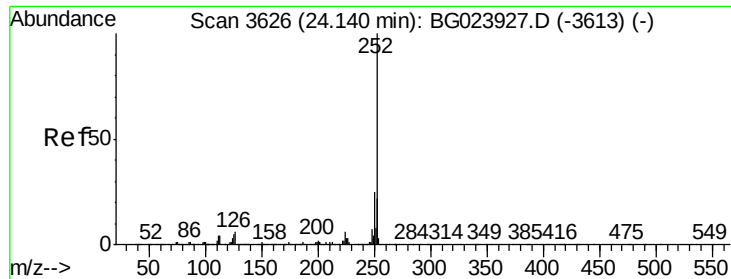
Tgt Ion:276 Resp: 1059962
 Ion Ratio Lower Upper
 276 100
 138 5.8 0.0 0.0#
 277 25.4 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.20 min Scan# 3806
 Delta R.T. -0.02 min
 Lab File: BG023944.D
 Acq: 1 Sep 2016 22:20

Tgt Ion:264 Resp: 335079
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.9 18.9 28.3

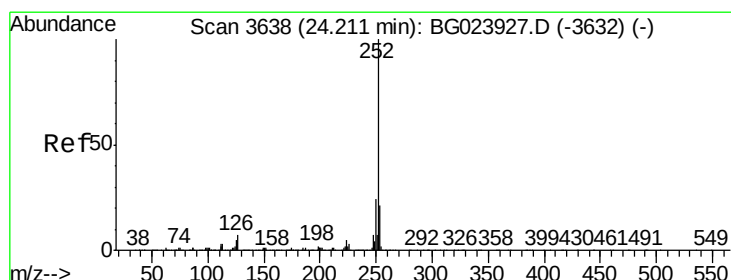
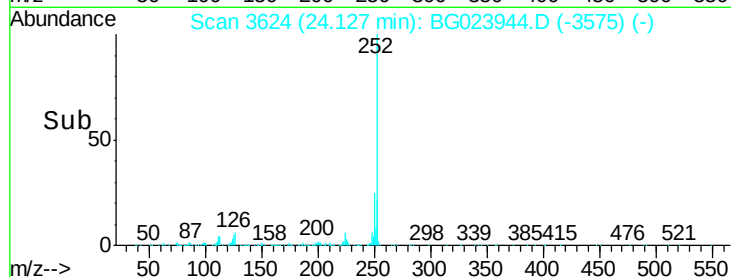
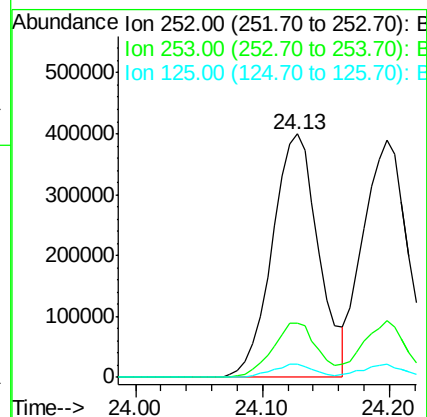
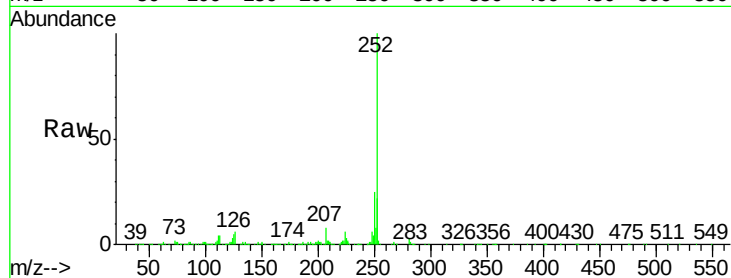




#87
Benzo(b)fluoranthene
Concen: 53.42 ng
RT: 24.13 min Scan# 3624
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

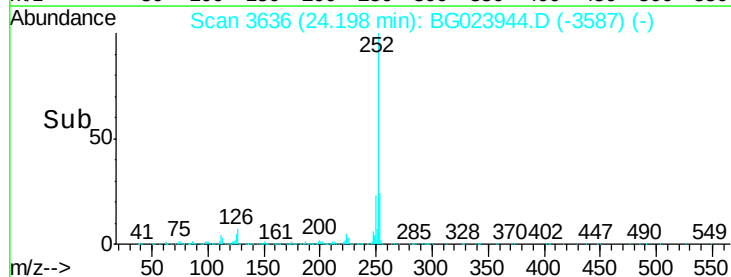
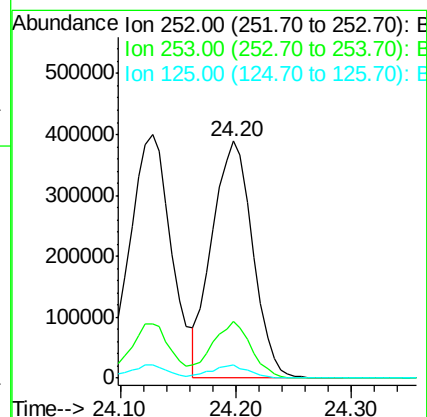
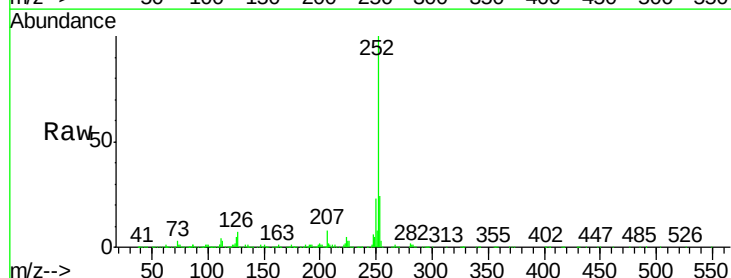
Instrument :
BNA_G
ClientSampleId :
11FT-SOILMSD

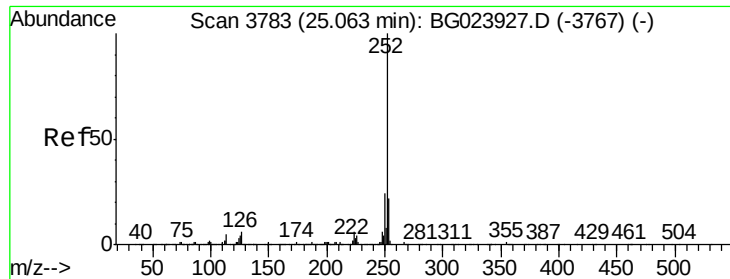
Tgt Ion:252 Resp: 1016773
Ion Ratio Lower Upper
252 100
253 22.3 18.9 28.3
125 5.2 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 50.13 ng
RT: 24.20 min Scan# 3636
Delta R.T. -0.01 min
Lab File: BG023944.D
Acq: 1 Sep 2016 22:20

Tgt Ion:252 Resp: 946078
Ion Ratio Lower Upper
252 100
253 23.7 18.8 28.2
125 5.4 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 53.15 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

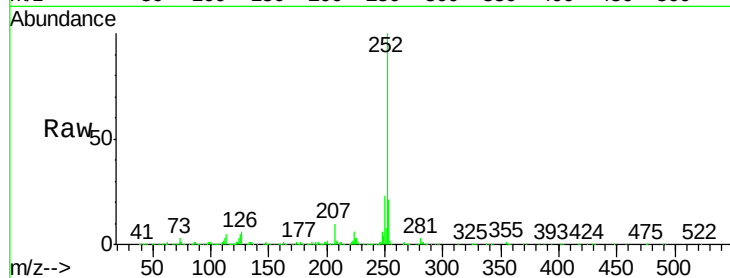
Tgt Ion:252 Resp: 960626

Ion Ratio Lower Upper

252 100

253 20.5 18.7 28.1

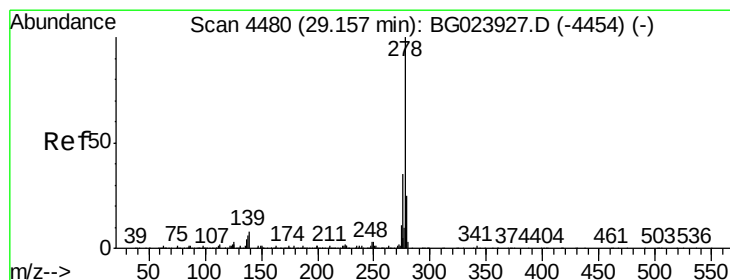
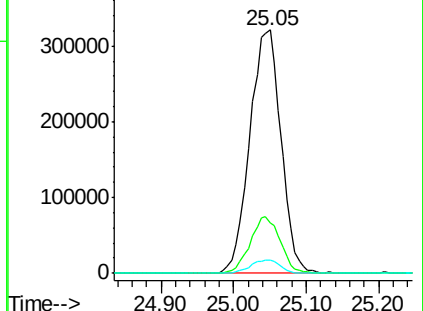
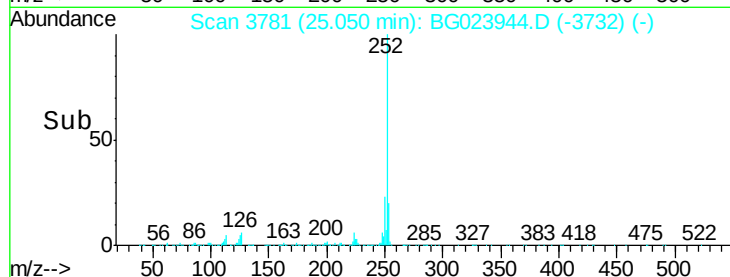
125 5.4 3.9 5.9



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: 50.61 ng

RT: 29.13 min Scan# 4475

Delta R.T. -0.03 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

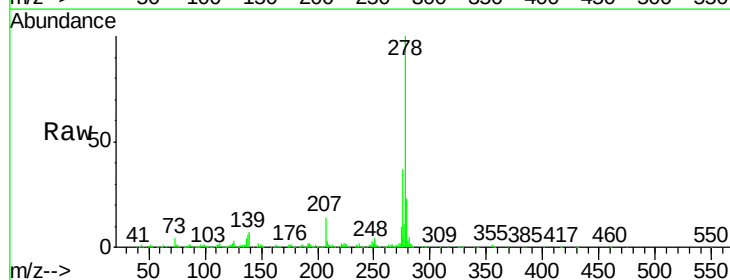
Tgt Ion:278 Resp: 899675

Ion Ratio Lower Upper

278 100

139 7.2 4.7 7.1#

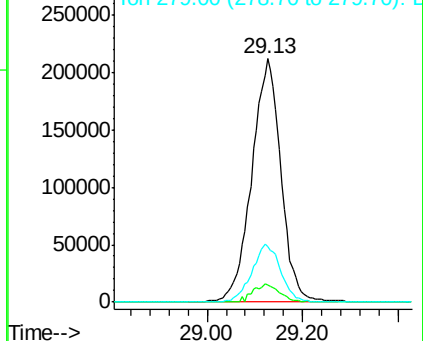
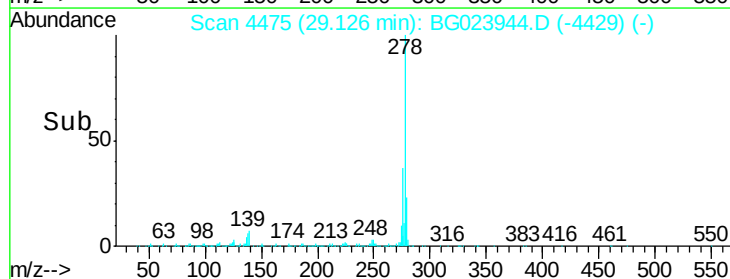
279 23.0 18.3 27.5

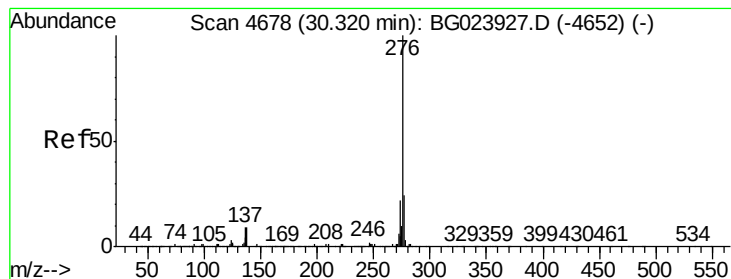


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.16 ng

RT: 30.28 min Scan# 4672

Delta R.T. -0.04 min

Lab File: BG023944.D

Acq: 1 Sep 2016 22:20

Instrument :

BNA_G

ClientSampleId :

11FT-SOILMSD

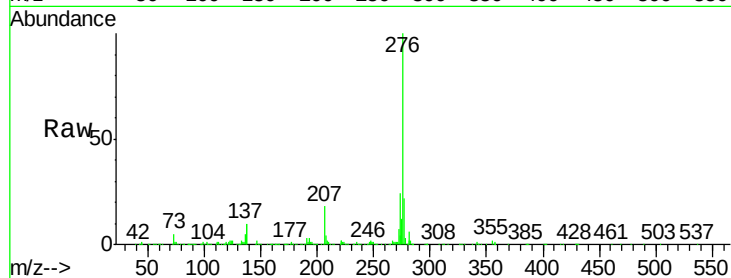
Tgt Ion:276 Resp: 891749

Ion Ratio Lower Upper

276 100

277 21.7 18.6 27.8

138 10.5 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

