

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050515\
 Data File : BG016870.D
 Acq On : 5 May 2015 17:56
 Operator : TP/IZ
 Sample : G2078-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Quant Time: May 06 02:22:07 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	69065	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	298332	20.00	ng	0.00
38) Acenaphthene-d10	14.44	164	200206	20.00	ng	0.00
63) Phenanthrene-d10	17.19	188	439286	20.00	ng	0.00
75) Chrysene-d12	21.37	240	447786	20.00	ng	0.00
86) Perylene-d12	23.67	264	423701	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	510975	128.82	ng	0.00
7) Phenol-d6	6.98	99	728403	128.54	ng	0.00
23) Nitrobenzene-d5	8.96	82	466351	76.37	ng	0.00
41) 2,4,6-Tribromophenol	15.93	330	258316	128.52	ng	0.00
44) 2-Fluorobiphenyl	13.07	172	1030271	77.65	ng	0.00
78) Terphenyl-d14	19.82	244	1480486	77.51	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.30	88	368	0.22	ng	# 92
3) Pyridine	3.54	79	8637	1.68	ng	# 32
4) n-Nitrosodimethylamine	3.60	42	480	0.16	ng	# 1
6) Aniline	7.02	93	898	0.11	ng	# 1
8) 2-Chlorophenol	7.38	128	919393	200.08	ng	99
9) Benzaldehyde	7.01	77	13123	2.79	ng	# 4
10) Phenol	7.01	94	1047730	172.42	ng	98
11) bis(2-Chloroethyl)ether	7.38	93	22215	4.73	ng	# 1
12) 1,3-Dichlorobenzene	7.70	146	834926	164.78	ng	98
13) 1,4-Dichlorobenzene	7.85	146	400893	78.11	ng	98
14) 1,2-Dichlorobenzene	8.15	146	1185	0.24	ng	# 59
15) Benzyl Alcohol	8.05	79	2663	0.51	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.34	45	386	0.04	ng	72
17) 2-Methylphenol	8.23	107	61	0.01	ng	# 11
18) Hexachloroethane	8.89	117	138255	65.53	ng	99
19) n-Nitroso-di-n-propylamine	8.61	70	56	0.01	ng	# 1
20) 3+4-Methylphenols	8.57	107	218802	37.11	ng	84
22) Acetophenone	8.63	105	818	0.12	ng	# 1
24) Nitrobenzene	8.96	77	2184	0.35	ng	# 43
25) Isophorone	9.54	82	2538545	205.87	ng	94
26) 2-Nitrophenol	9.72	139	295145	117.54	ng	99
27) 2,4-Dimethylphenol	9.72	122	18483	4.07	ng	# 6
28) bis(2-Chloroethoxy)methane	9.97	93	60	0.01	ng	# 50
29) 2,4-Dichlorophenol	10.23	162	1013	0.24	ng	# 26
30) 1,2,4-Trichlorobenzene	10.47	180	968890	212.83	ng	96
31) Naphthalene	10.65	128	2224796	149.93	ng	95
32) Benzoic acid	9.72	122	12800	6.41	ng	# 1
33) 4-Chloroaniline	10.65	127	336682	49.13	ng	# 33
35) Caprolactam	11.64	113	163	0.07	ng	86
36) 4-Chloro-3-methylphenol	11.88	107	935868	170.25	ng	98
37) 2-Methylnaphthalene	12.26	142	867078	76.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.63	216	380	0.07	ng	# 100
42) 2,4,6-Trichlorophenol	12.87	196	364432	95.02	ng	92
43) 2,4,5-Trichlorophenol	12.94	196	607343	149.19	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.29	154	587	0.04	ng	# 42
46) 2-Chloronaphthalene	13.32	162	220	0.02	ng	# 38
47) 2-Nitroaniline	13.50	65	1500	0.38	ng	# 9
48) Acenaphthylene	14.17	152	1578283	79.82	ng	97
49) Dimethylphthalate	13.90	163	29487	1.97	ng	98
50) 2,6-Dinitrotoluene	13.99	165	187	0.06	ng	# 18
51) Acenaphthene	14.51	154	2029245	172.45	ng	95
52) 3-Nitroaniline	14.51	138	2921	0.83	ng	# 1
53) 2,4-Dinitrophenol	14.64	184	77	0.05	ng	# 1
54) Dibenzofuran	14.84	168	1113	0.07	ng	# 71
55) 4-Nitrophenol	14.51	139	18050	6.03	ng	# 40
56) 2,4-Dinitrotoluene	14.90	165	83	0.02	ng	# 61
57) Fluorene	15.50	166	1087729	73.53	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.06	232	5750	1.64	ng	# 79
59) Diethylphthalate	15.28	149	1956393	123.97	ng	# 91
60) 4-Chlorophenyl-phenylether	15.50	204	1365205	183.68	ng	97
61) 4-Nitroaniline	15.50	138	23140	5.65	ng	# 44
62) Azobenzene	15.80	77	20504	1.25	ng	# 16
64) 4,6-Dinitro-2-methylphenol	15.51	198	590	0.27	ng	# 1
66) 4-Bromophenyl-phenylether	16.39	248	711438	161.35	ng	98
67) Hexachlorobenzene	16.49	284	211	0.05	ng	# 42
69) Pentachlorophenol	16.83	266	351762	116.53	ng	96
70) Phenanthrene	17.23	178	840521	37.18	ng	99
71) Anthracene	17.23	178	840521	36.85	ng	99
72) Carbazole	17.59	167	8268	0.38	ng	95
73) Di-n-butylphthalate	18.17	149	1924371	68.46	ng	96
74) Fluoranthene	19.25	202	2426127	92.50	ng	89
76) Benzidine	19.43	184	818	0.05	ng	# 66
77) Pyrene	19.61	202	2007688	75.97	ng	94
79) Butylbenzylphthalate	20.52	149	1764338	140.46	ng	# 93
80) Benzo(a)anthracene	21.41	228	926091	38.55	ng	96
81) 3,3'-Dichlorobenzidine	21.28	252	486	0.05	ng	# 53
82) Chrysene	21.41	228	926091	41.16	ng	100
83) Bis(2-ethylhexyl)phthalate	21.29	149	1544357	89.88	ng	# 91
84) Di-n-octyl phthalate	22.19	149	2403387	83.27	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.02	276	5995	0.22	ng	# 100
87) Benzo(b)fluoranthene	23.04	252	3606363	152.79	ng	# 83
88) Benzo(k)fluoranthene	23.04	252	3606363	158.82	ng	# 85
89) Benzo(a)pyrene	23.58	252	1092983	49.66	ng	99
90) Dibenzo(a,h)anthracene	26.04	278	3033	0.13	ng	# 62
91) Benzo(g,h,i)perylene	26.75	276	5779	0.27	ng	# 83

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.80 min Scan# 871

Delta R.T. -0.00 min

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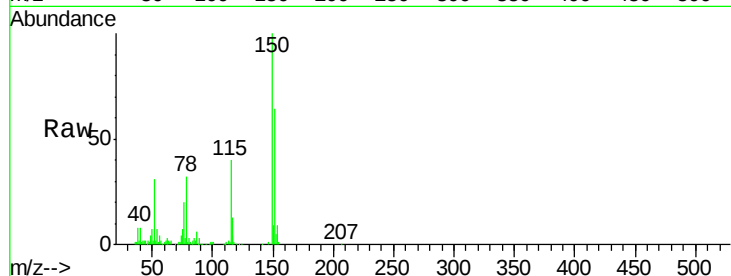
Tgt Ion:152 Resp: 69065

Ion Ratio Lower Upper

152 100

150 156.7 121.0 181.4

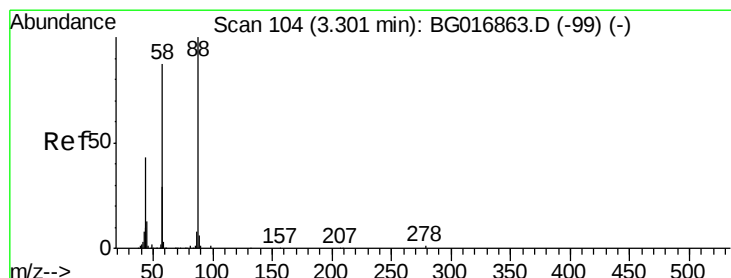
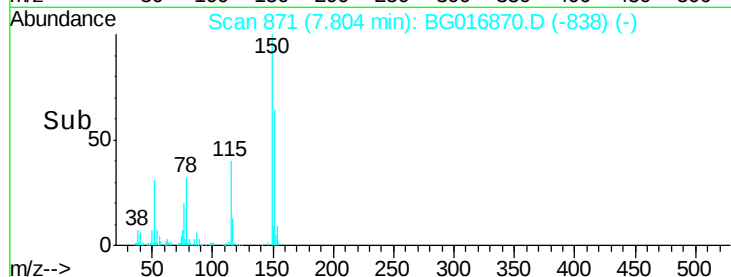
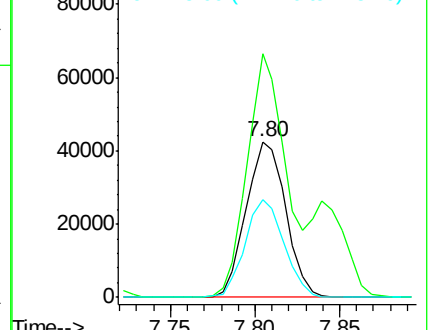
115 62.9 50.5 75.7



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: 0.22 ng

RT: 3.30 min Scan# 105

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

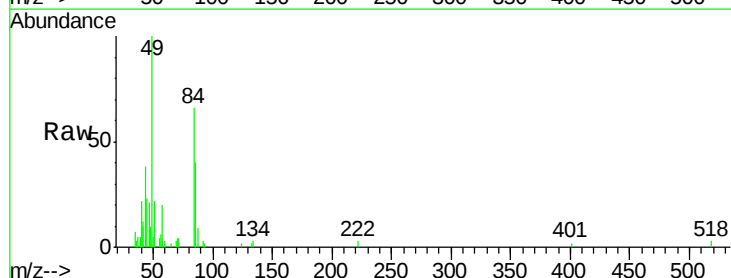
Tgt Ion: 88 Resp: 368

Ion Ratio Lower Upper

88 100

58 177.7 0.1 0.1#

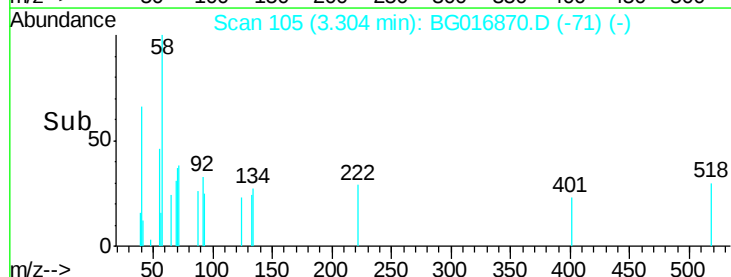
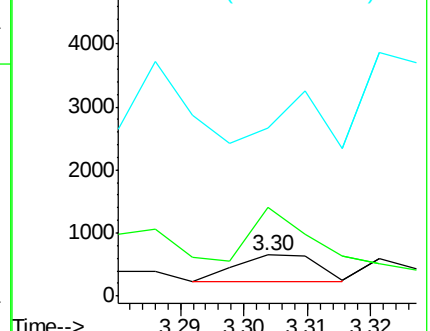
43 0.0 1.3 1.9#

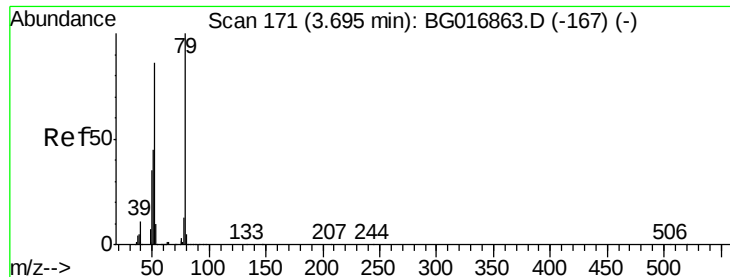


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 1.68 ng

RT: 3.54 min Scan# 145

Delta R.T. -0.16 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

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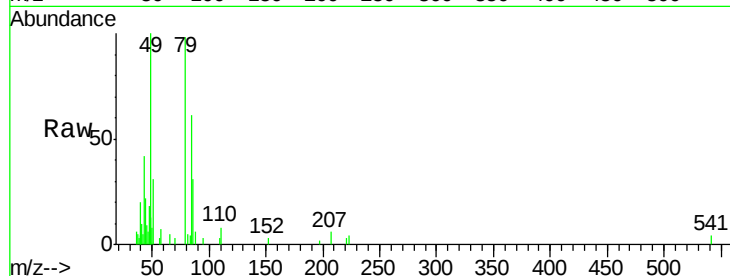
Tgt Ion: 79 Resp: 8637

Ion Ratio Lower Upper

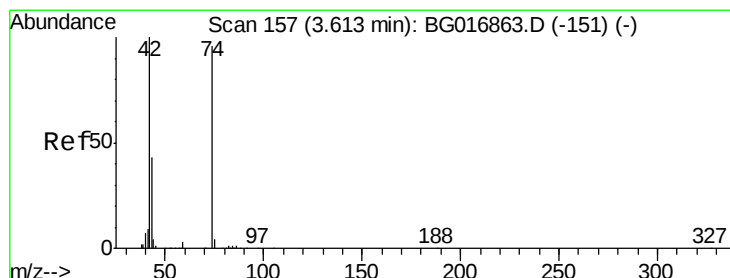
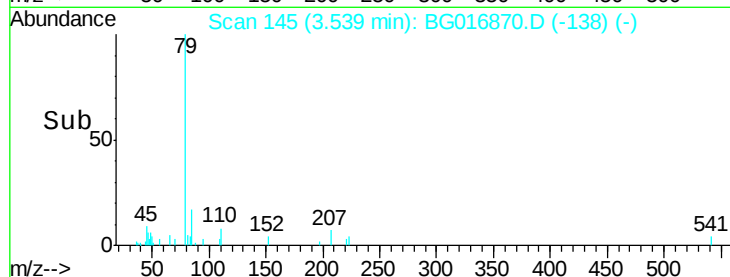
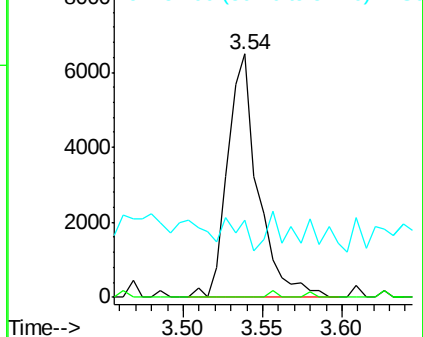
79 100

52 0.0 68.5 102.7#

51 31.7 37.8 56.8#



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: 0.16 ng

RT: 3.60 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

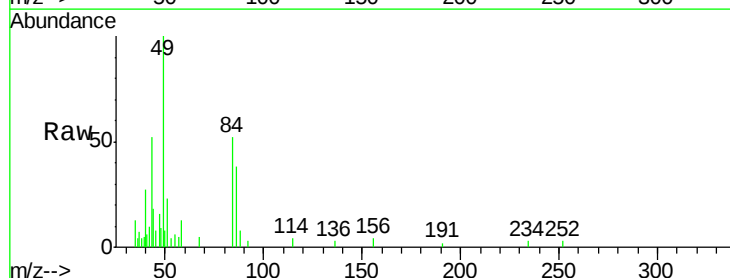
Tgt Ion: 42 Resp: 480

Ion Ratio Lower Upper

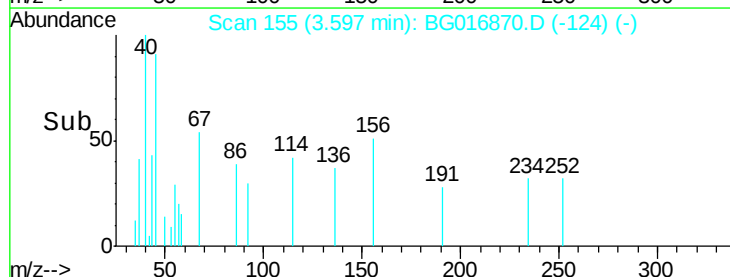
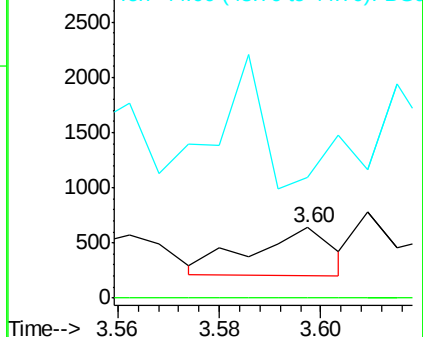
42 100

74 0.0 76.2 114.2#

44 172.0 4.9 7.3#



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: 128.82 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

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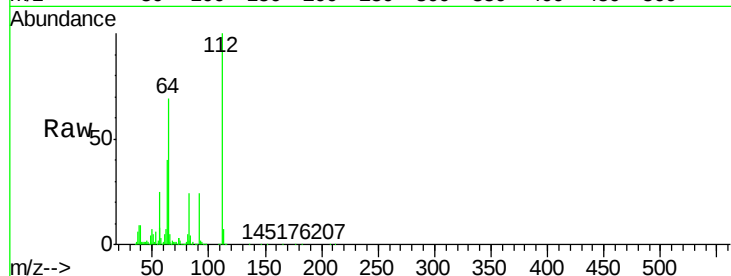
Tgt Ion:112 Resp: 510975

Ion Ratio Lower Upper

112 100

64 69.0 51.4 77.2

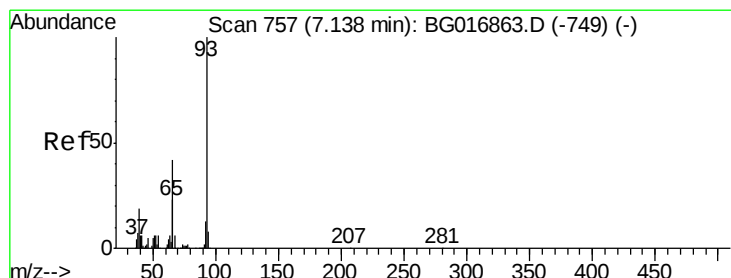
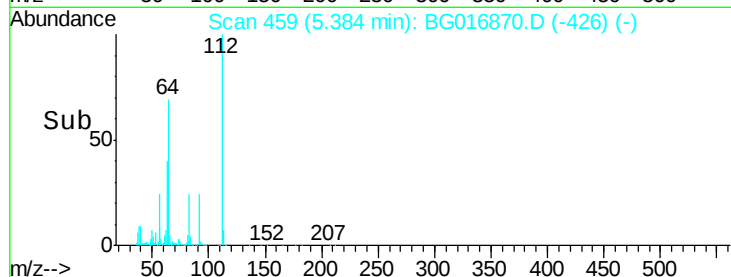
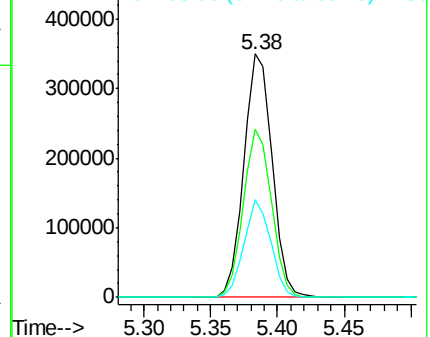
63 39.9 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.11 ng

RT: 7.02 min Scan# 738

Delta R.T. -0.12 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

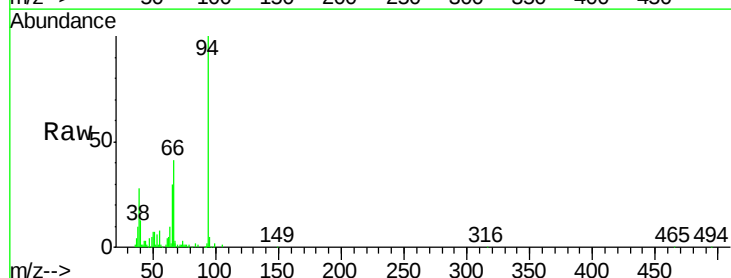
Tgt Ion: 93 Resp: 898

Ion Ratio Lower Upper

93 100

66 1634.1 33.8 50.6#

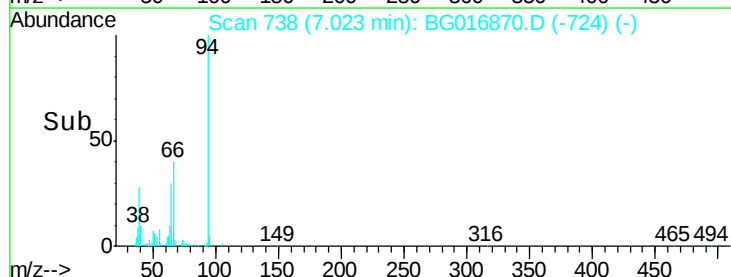
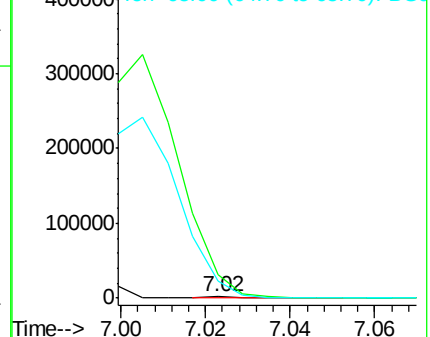
65 1205.0 18.7 28.1#

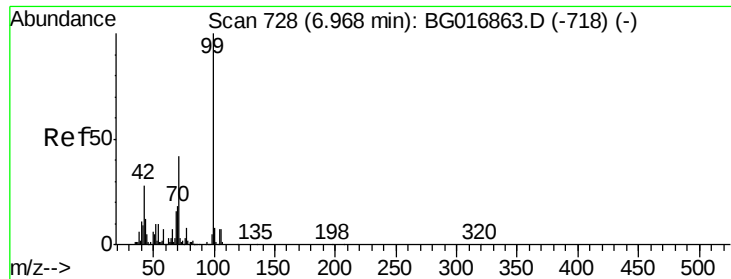


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.54 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

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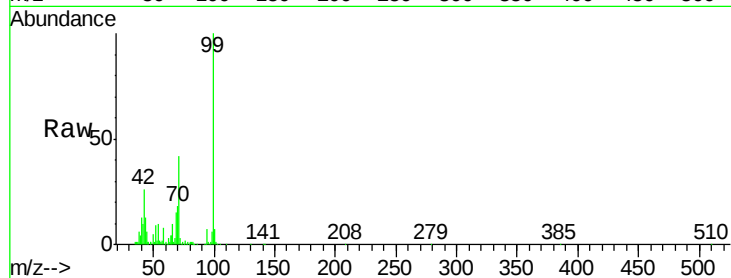
Tgt Ion: 99 Resp: 728403

Ion Ratio Lower Upper

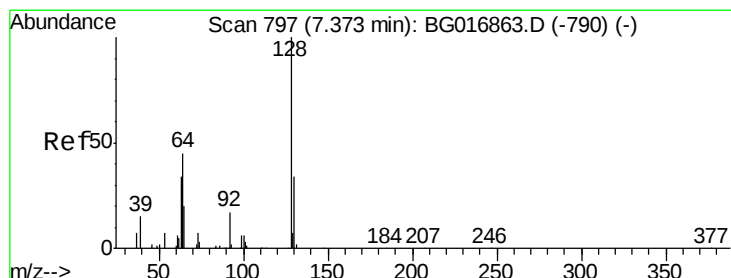
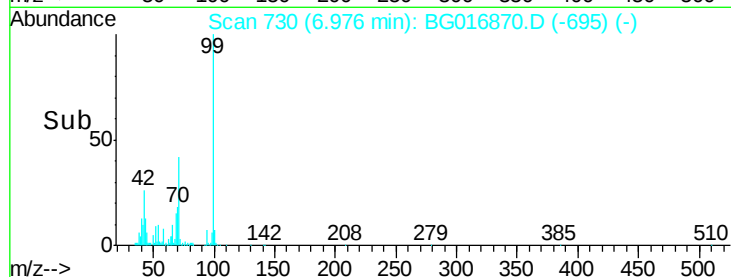
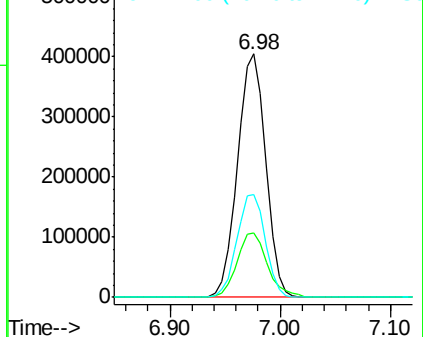
99 100

42 26.4 22.1 33.1

71 42.2 33.4 50.0



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: 200.08 ng

RT: 7.38 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

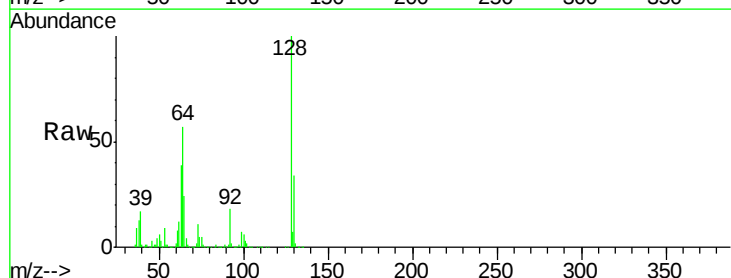
Tgt Ion: 128 Resp: 919393

Ion Ratio Lower Upper

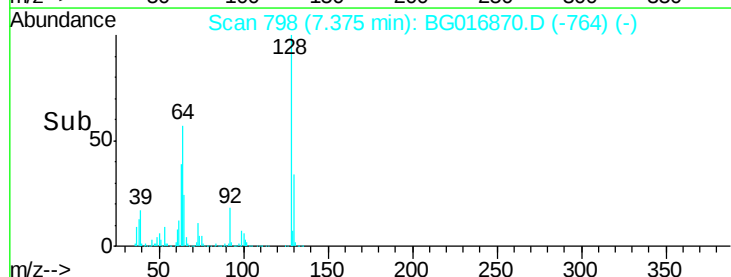
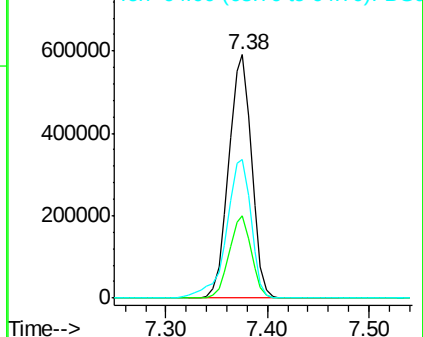
128 100

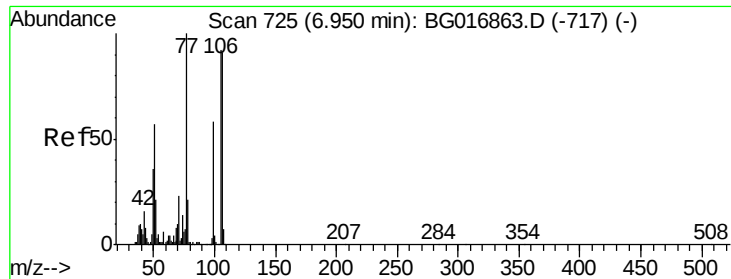
130 33.9 14.4 54.4

64 57.1 38.4 78.4



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: 2.79 ng

RT: 7.01 min Scan# 735

Delta R.T. 0.06 min

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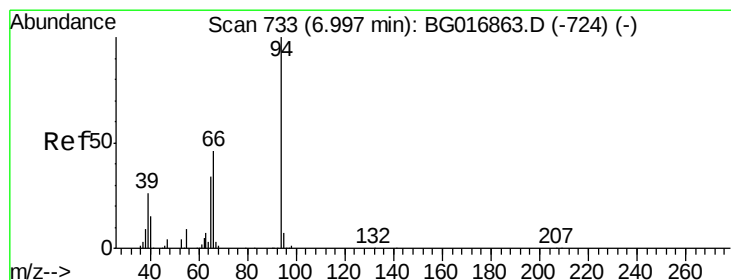
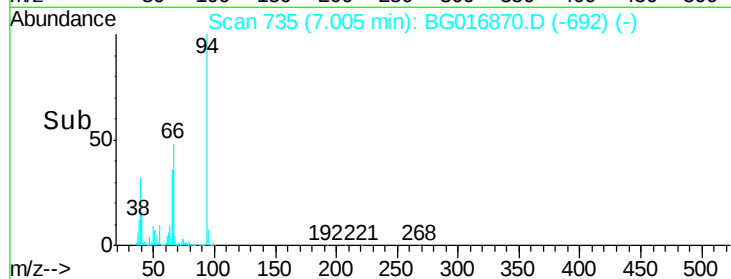
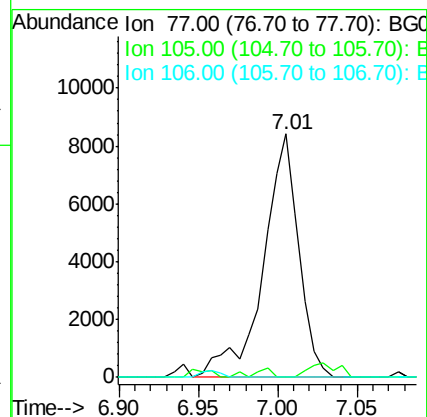
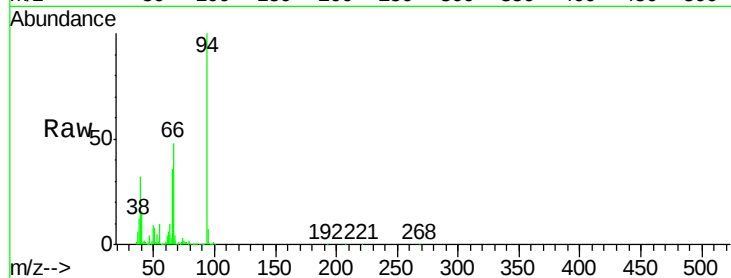
Tgt Ion: 77 Resp: 13123

Ion Ratio Lower Upper

77 100

105 0.0 71.6 111.6#

106 0.0 71.5 111.5#



#10

Phenol

Concen: 172.42 ng

RT: 7.01 min Scan# 735

Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

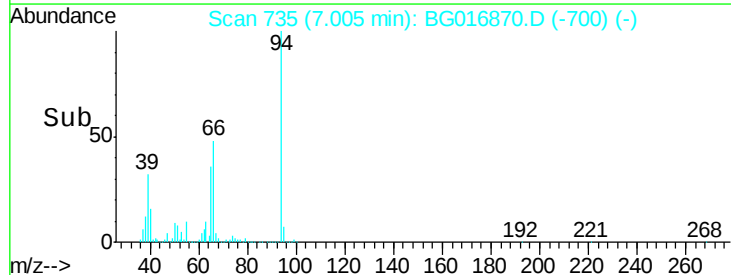
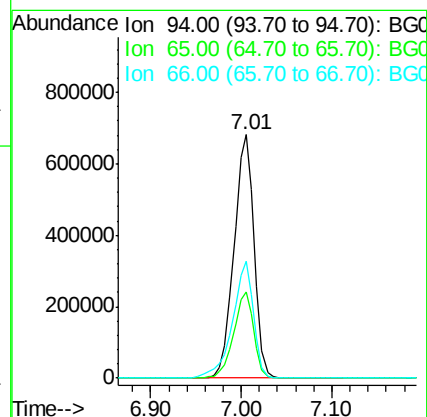
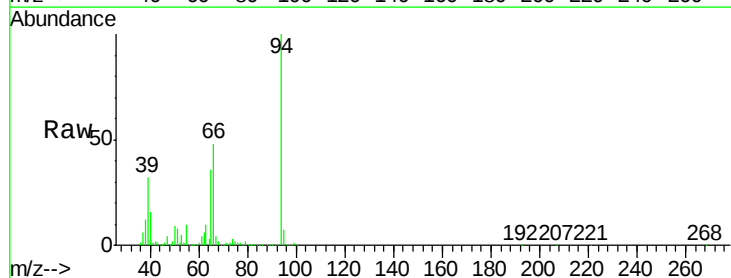
Tgt Ion: 94 Resp: 1047730

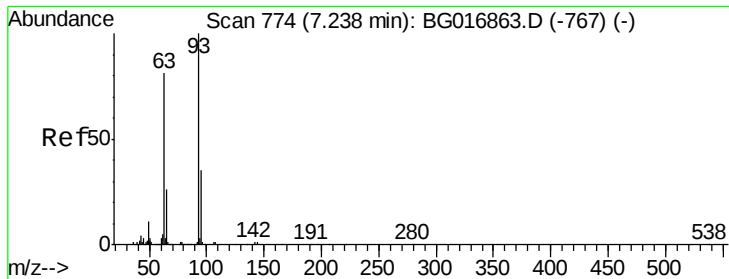
Ion Ratio Lower Upper

94 100

65 35.5 14.3 54.3

66 47.8 26.9 66.9

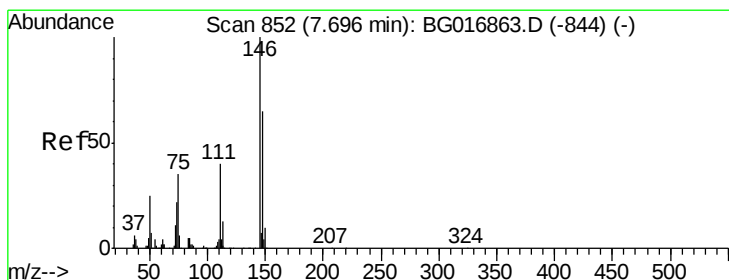
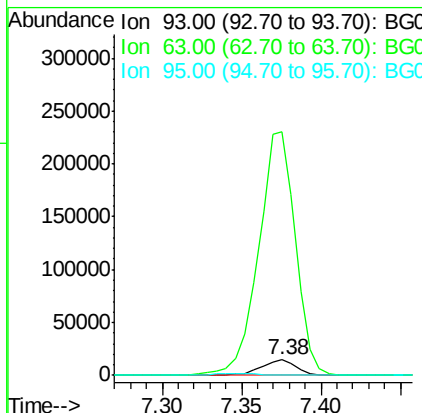
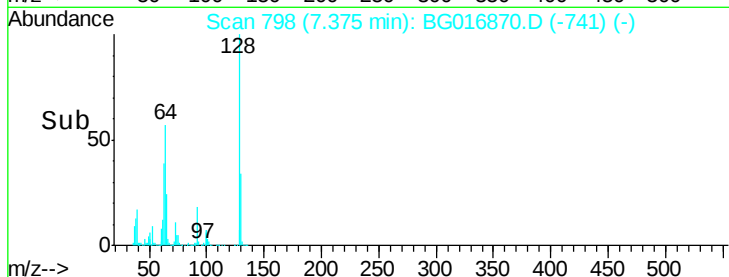
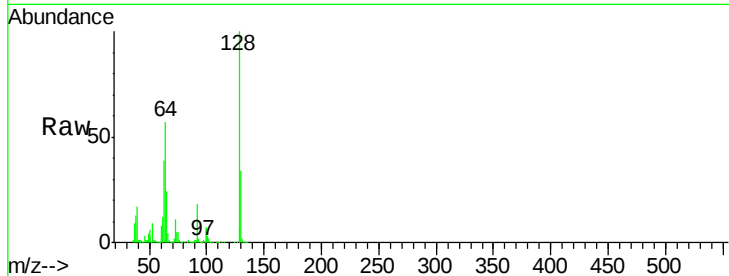




#11
 bis(2-Chloroethyl)ether
 Concen: 4.73 ng
 RT: 7.38 min Scan# 798
 Delta R.T. 0.14 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

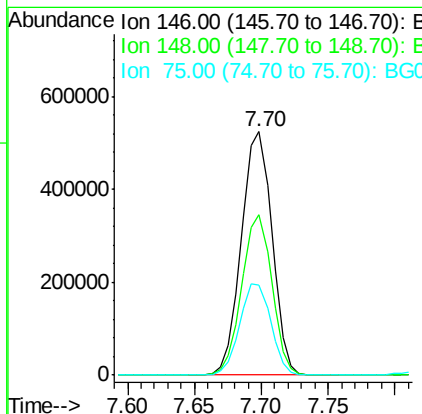
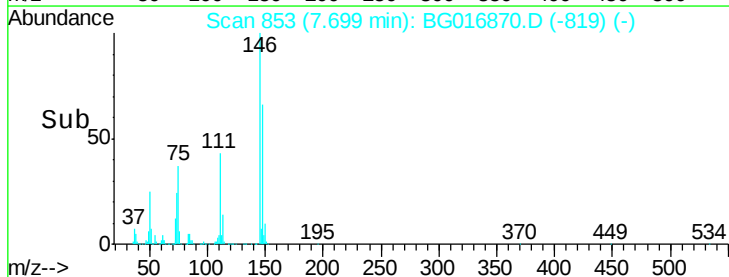
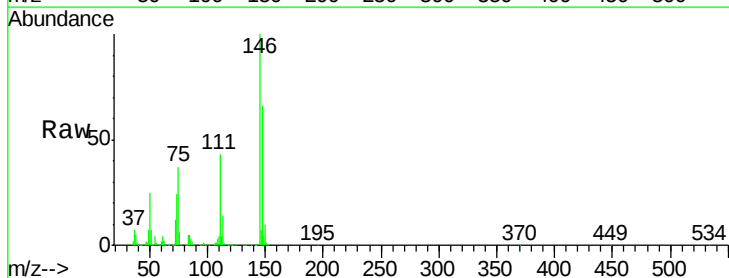
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion: 93 Resp: 22215
 Ion Ratio Lower Upper
 93 100
 63 1594.9 61.2 101.2#
 95 4.9 15.0 55.0#



#12
 1,3-Dichlorobenzene
 Concen: 164.78 ng
 RT: 7.70 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion: 146 Resp: 834926
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.9 77.9
 75 36.9 28.2 42.2

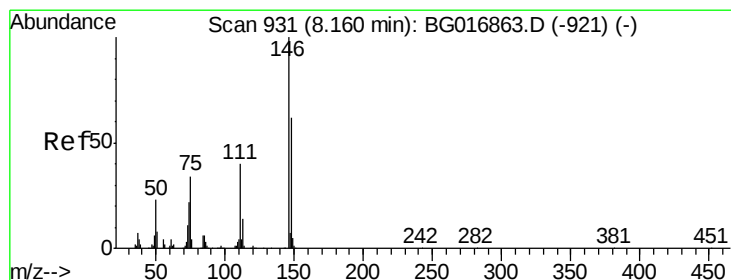
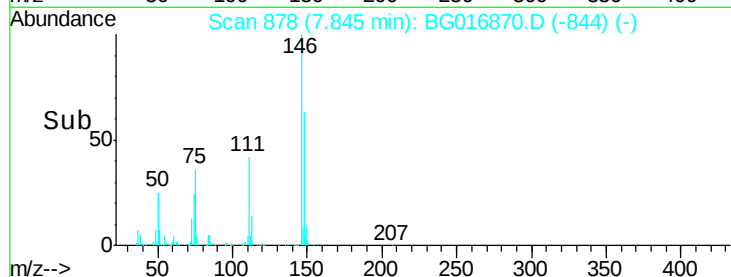
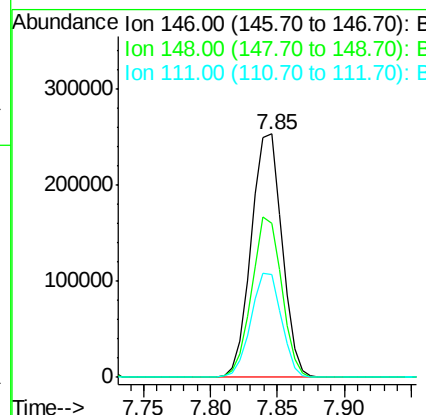
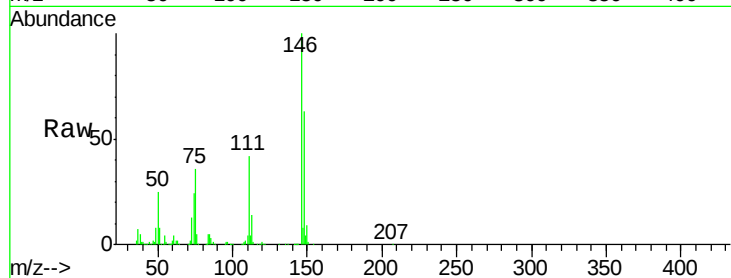




#13
 1,4-Dichlorobenzene
 Concen: 78.11 ng
 RT: 7.85 min Scan# 878
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

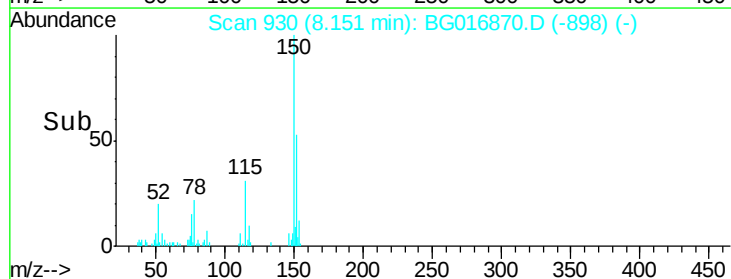
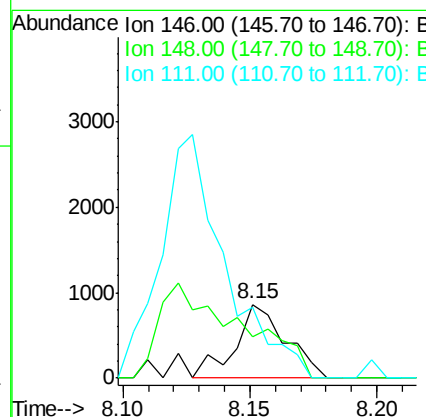
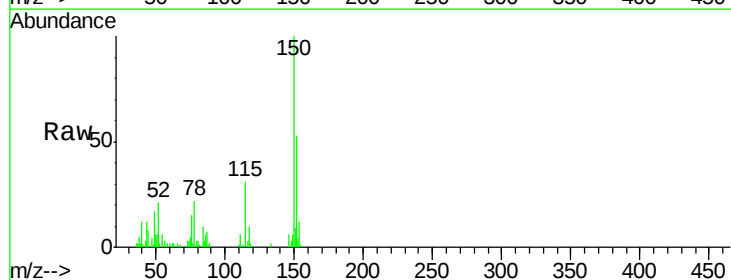
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

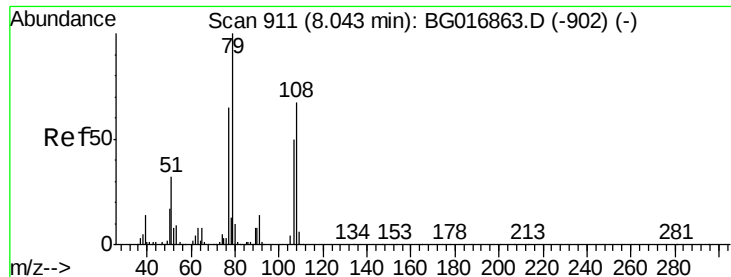
Tgt Ion:146 Resp: 400893
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.8 79.2
 111 42.1 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 0.24 ng
 RT: 8.15 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:146 Resp: 1185
 Ion Ratio Lower Upper
 146 100
 148 55.9 49.9 74.9
 111 96.4 32.1 48.1#





#15

Benzyl Alcohol

Concen: 0.51 ng

RT: 8.05 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampled :

PT-BNA-SOIL

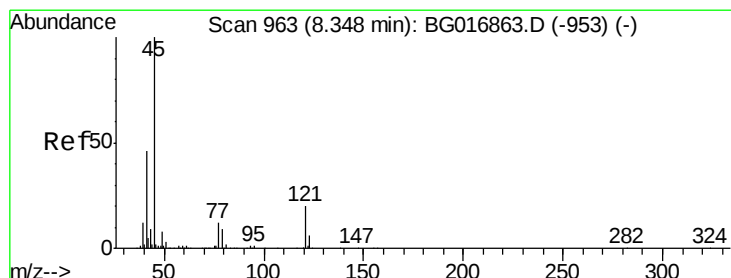
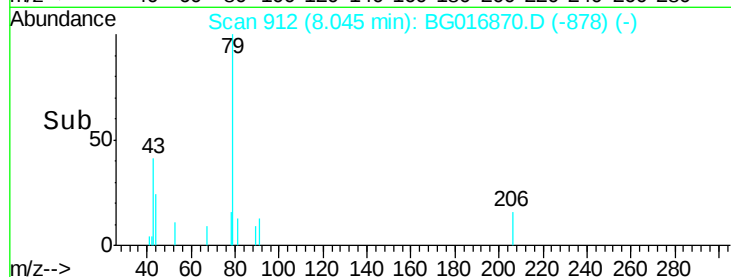
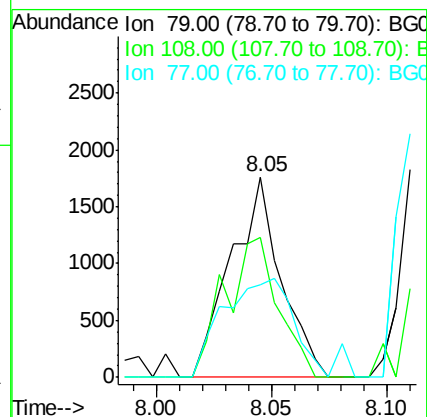
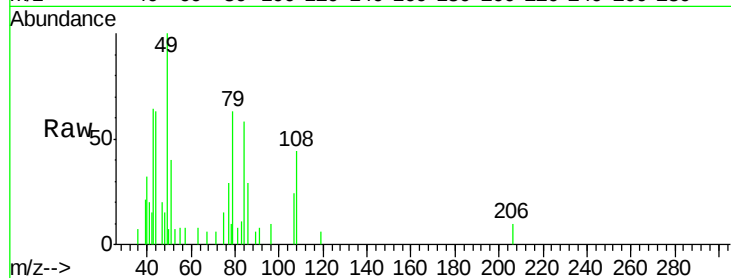
Tgt Ion: 79 Resp: 2663

Ion Ratio Lower Upper

79 100

108 70.2 53.4 80.2

77 46.0 52.2 78.2#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.04 ng

RT: 8.34 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

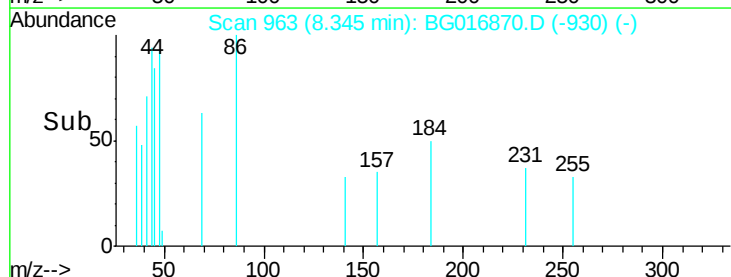
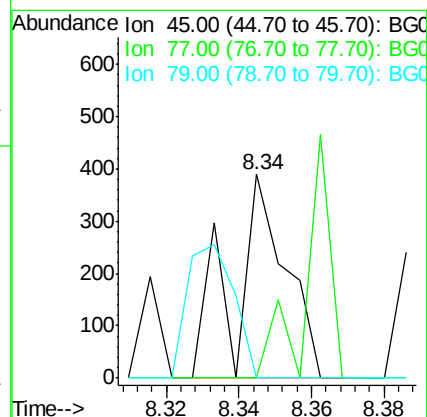
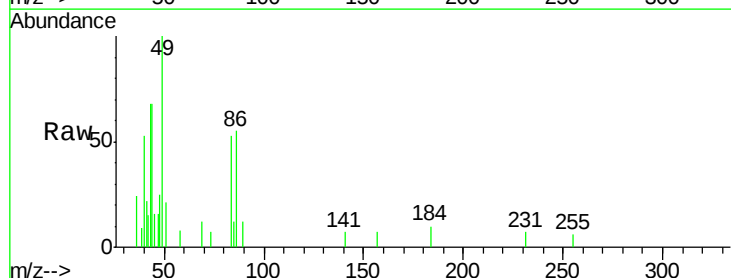
Tgt Ion: 45 Resp: 386

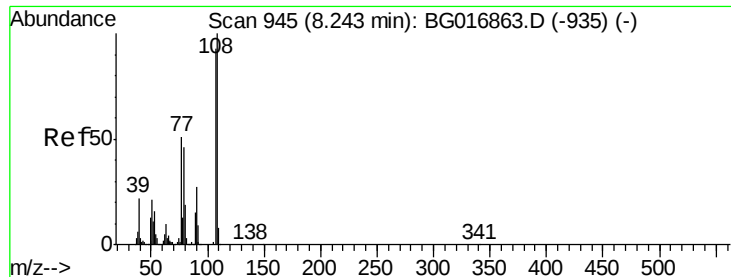
Ion Ratio Lower Upper

45 100

77 0.0 0.0 31.8

79 0.0 0.0 29.1

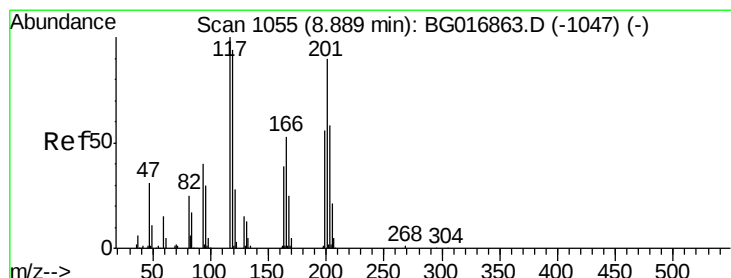
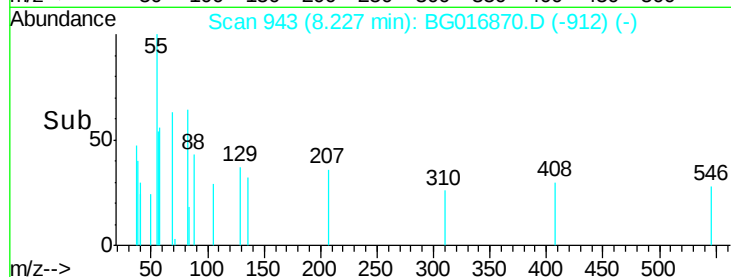
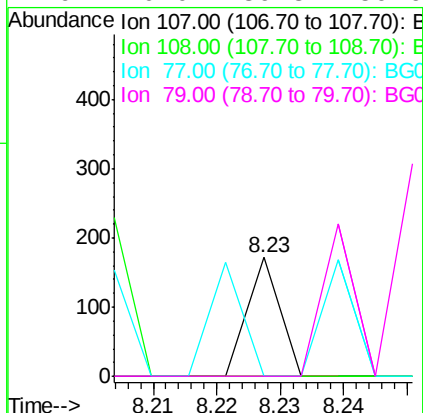
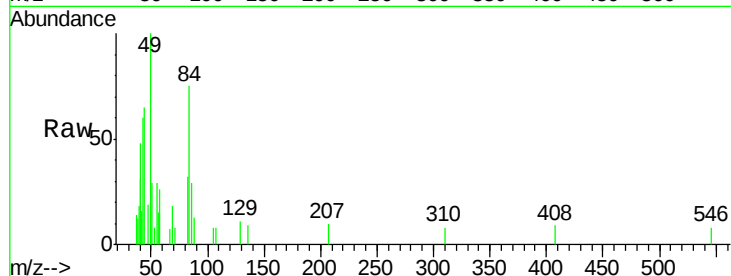




#17
2-Methylphenol
Concen: 0.01 ng
RT: 8.23 min Scan# 943
Delta R.T. -0.02 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

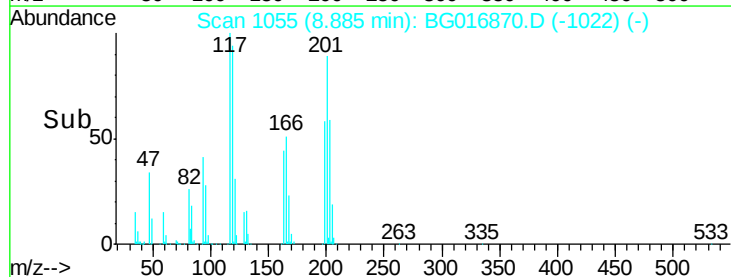
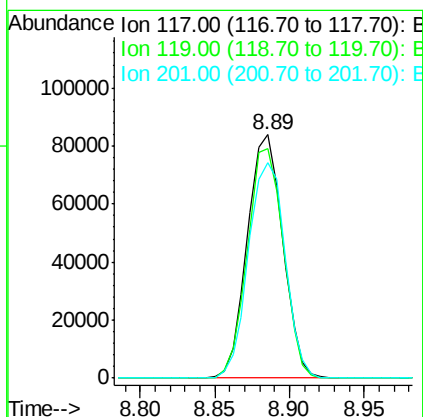
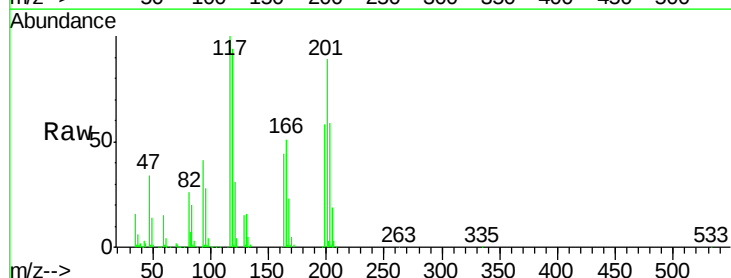
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

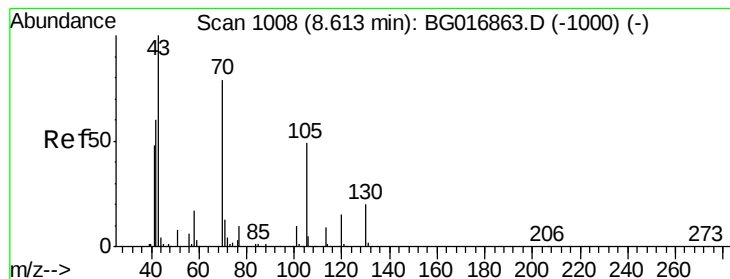
Tgt Ion:	107	Resp:	61
Ion	Ratio	Lower	Upper
107	100		
108	0.0	85.9	128.9#
77	0.0	43.8	65.6#
79	0.0	39.8	59.6#



#18
Hexachloroethane
Concen: 65.53 ng
RT: 8.89 min Scan# 1055
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:	117	Resp:	138255
Ion	Ratio	Lower	Upper
117	100		
119	94.1	74.8	112.2
201	88.6	72.1	108.1





#19

n-Nitroso-di-n-propylamine

Concen: 0.01 ng

RT: 8.61 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

Tgt Ion: 70 Resp: 56

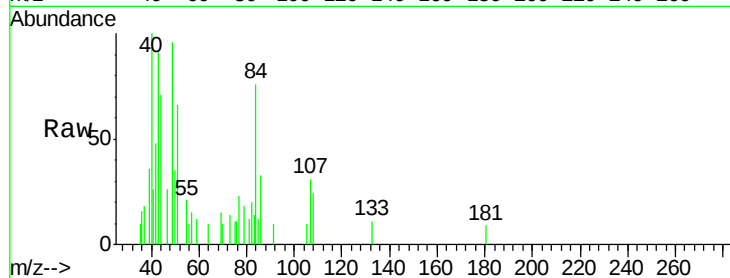
Ion Ratio Lower Upper

70 100

42 480.5 61.5 92.3#

101 0.0 9.8 14.6#

130 0.0 20.2 30.4#



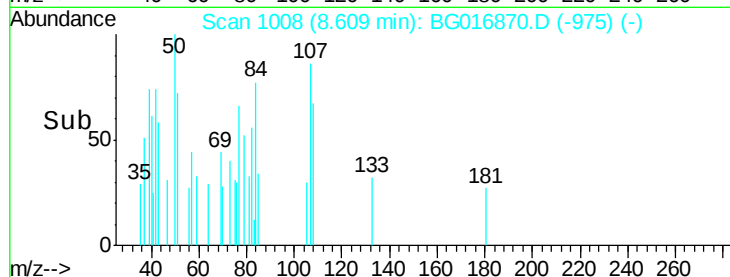
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

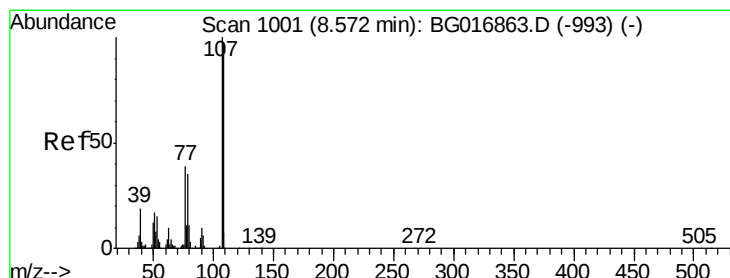
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Time-->



Time-->



#20

3+4-Methylphenols

Concen: 37.11 ng

RT: 8.57 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion: 107 Resp: 218802

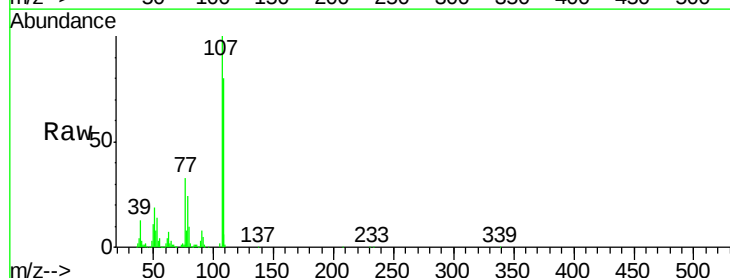
Ion Ratio Lower Upper

107 100

108 79.7 76.6 116.6

77 33.3 19.0 59.0

79 23.9 15.0 55.0



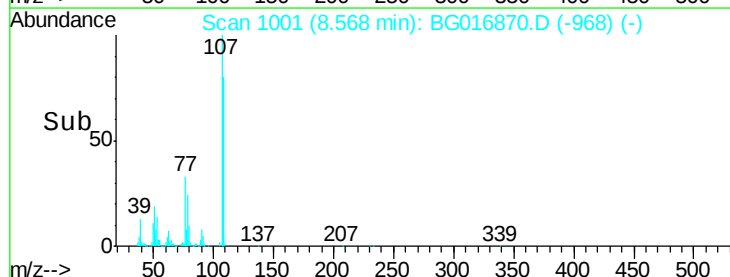
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

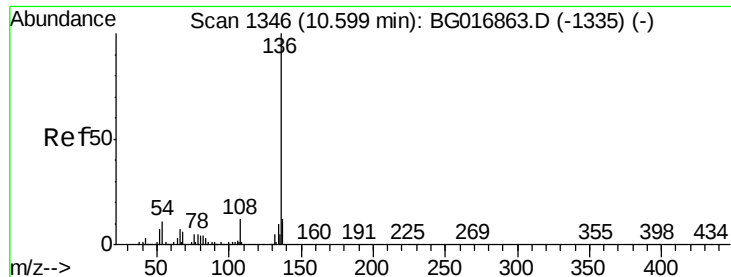
Ion 79.00 (78.70 to 79.70): BGC

Time-->



Time-->

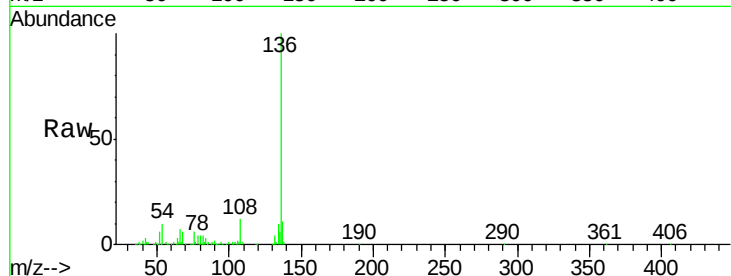
Time-->



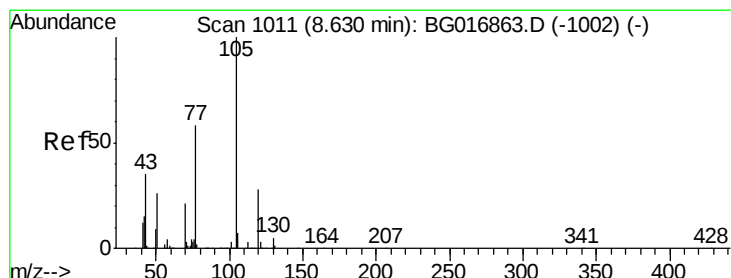
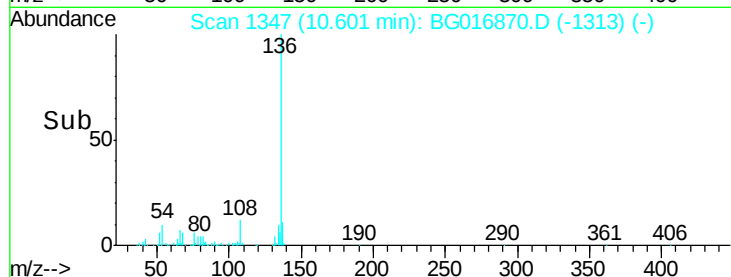
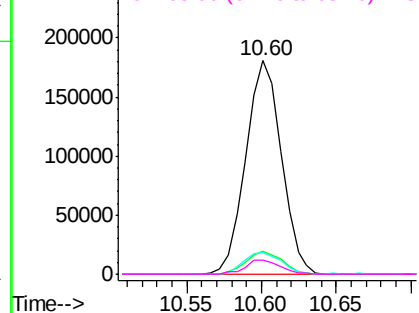
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.60 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:	136	Resp:	298332
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.8	14.8
54	10.0	8.7	13.1
68	6.4	5.0	7.4

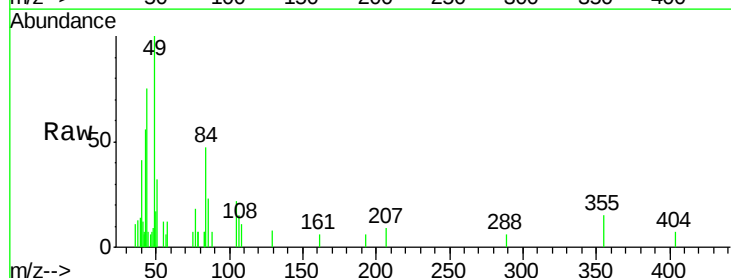


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

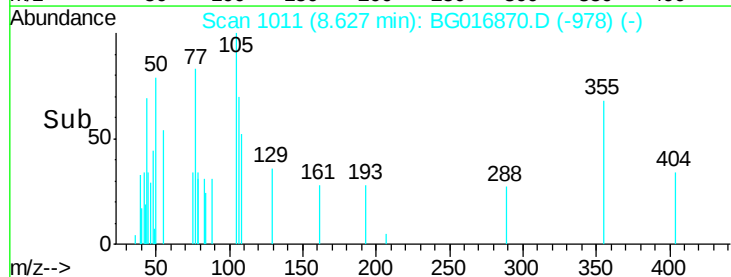
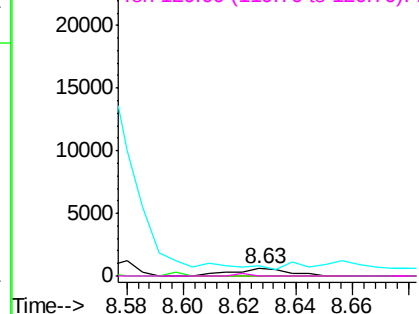


#22
Acetophenone
Concen: 0.12 ng
RT: 8.63 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:	105	Resp:	818
Ion Ratio	Lower	Upper	
105	100		
71	0.0	2.8	4.2#
51	149.0	29.4	44.2#
120	0.0	22.2	33.4#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

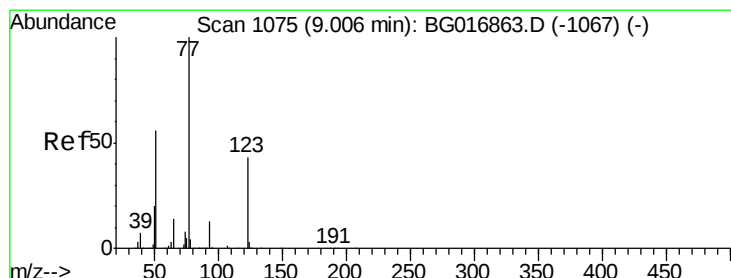
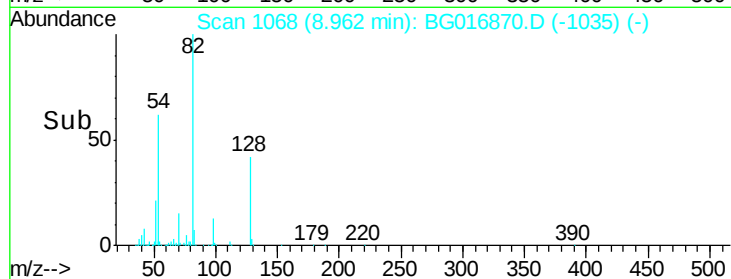
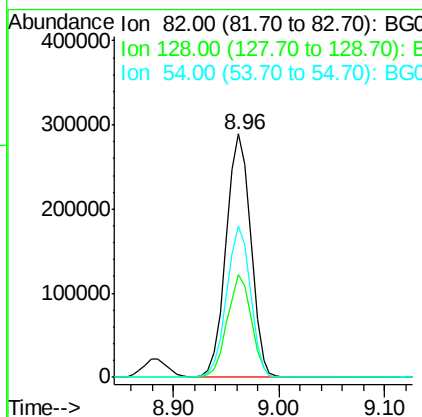
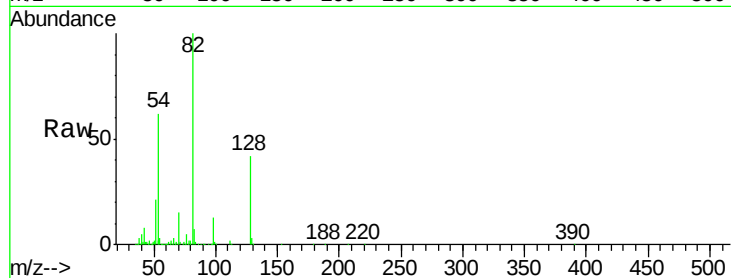




#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 8.96 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

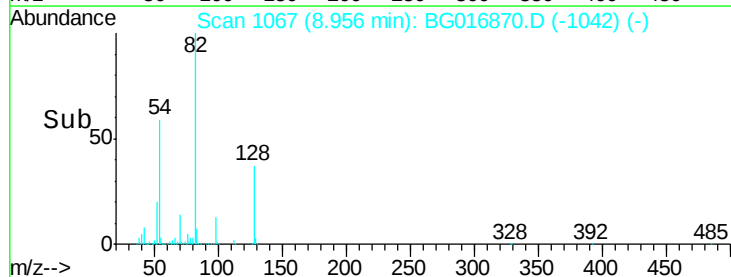
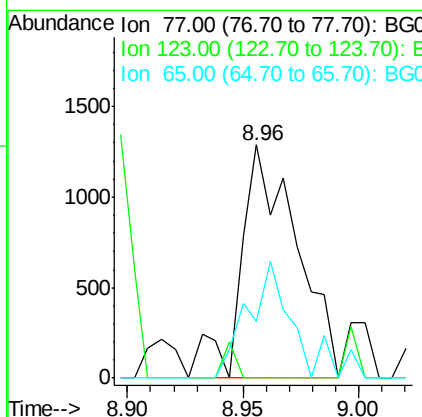
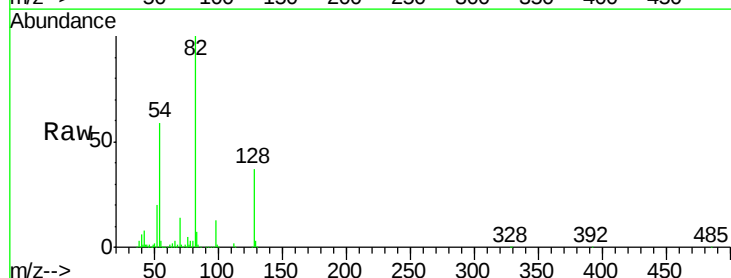
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

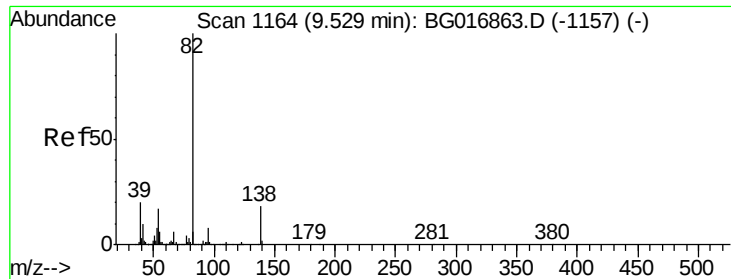
Tgt Ion: 82 Resp: 466351
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.2 49.8
 54 62.2 48.6 72.8



#24
 Nitrobenzene
 Concen: 0.35 ng
 RT: 8.96 min Scan# 1067
 Delta R.T. -0.05 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion: 77 Resp: 2184
 Ion Ratio Lower Upper
 77 100
 123 0.0 34.0 51.0#
 65 24.5 11.2 16.8#

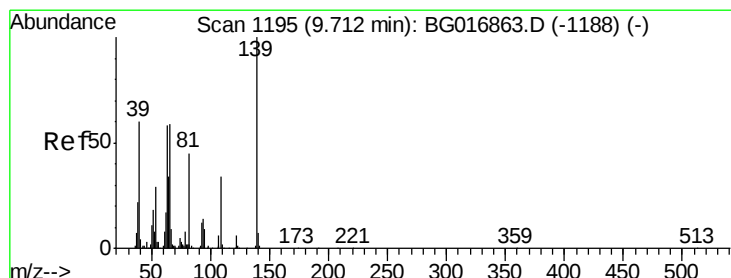
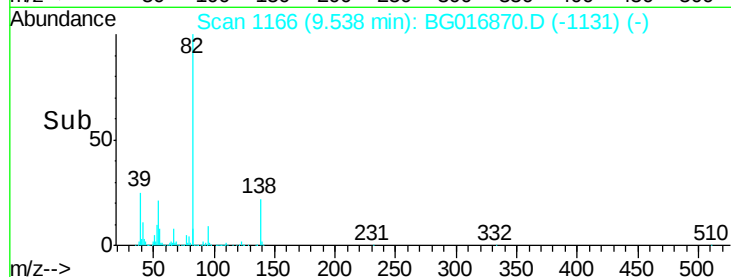
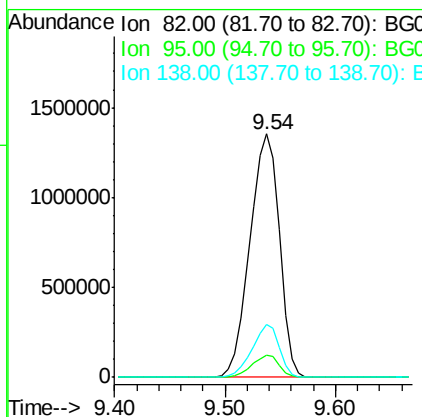
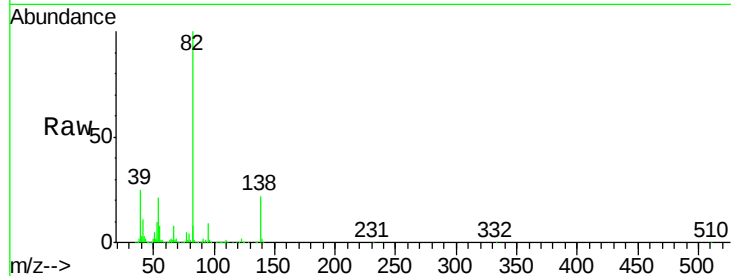




#25
Isophorone
Concen: 205.87 ng
RT: 9.54 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

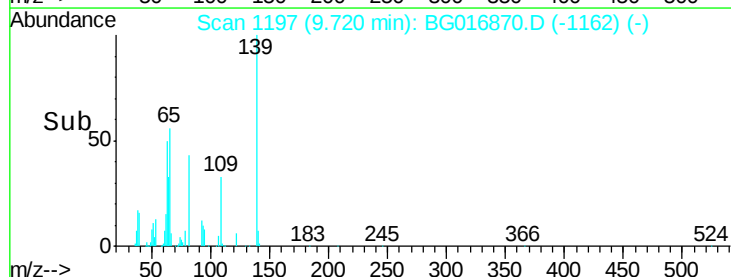
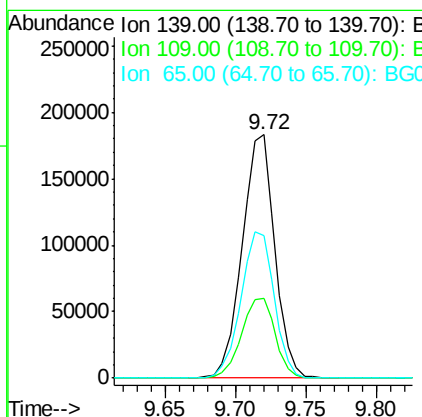
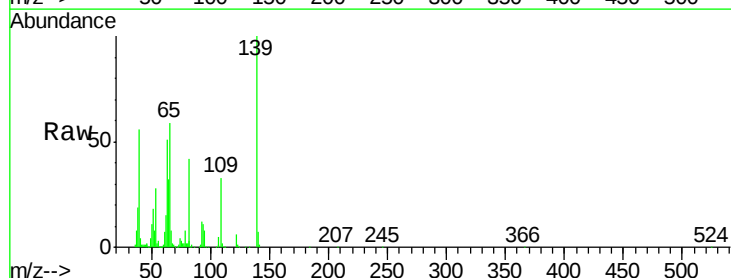
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

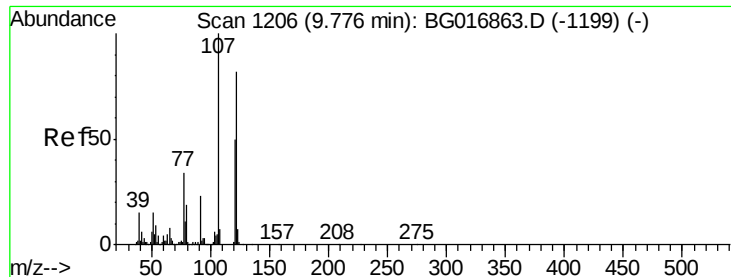
Tgt Ion: 82 Resp: 2538545
Ion Ratio Lower Upper
82 100
95 9.1 6.7 10.1
138 22.0 14.7 22.1



#26
2-Nitrophenol
Concen: 117.54 ng
RT: 9.72 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion: 139 Resp: 295145
Ion Ratio Lower Upper
139 100
109 32.8 27.4 41.2
65 58.7 47.1 70.7

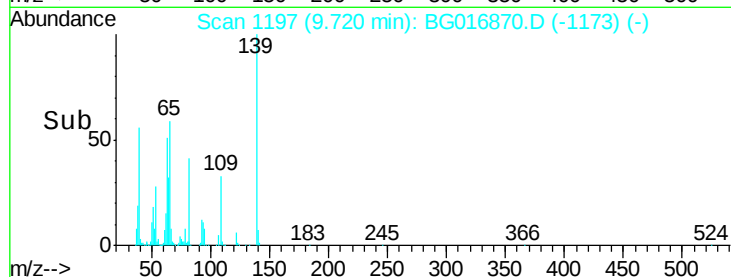
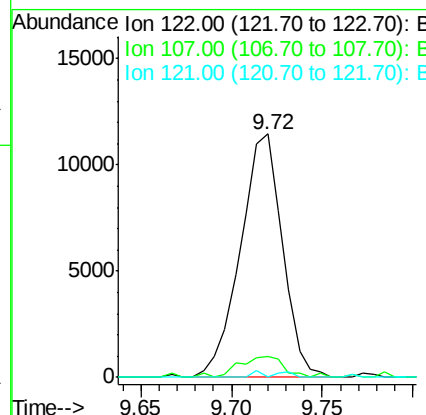
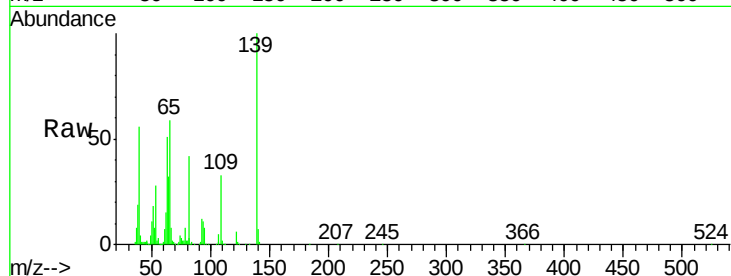




#27
 2,4-Dimethylphenol
 Concen: 4.07 ng
 RT: 9.72 min Scan# 1197
 Delta R.T. -0.06 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

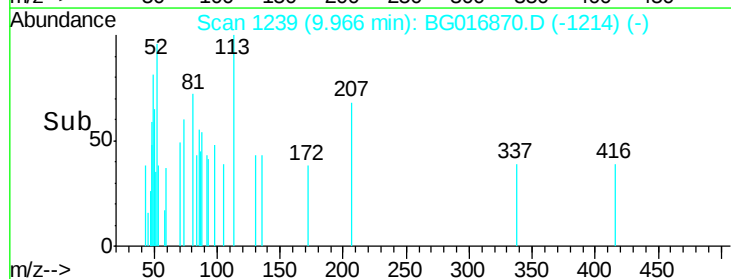
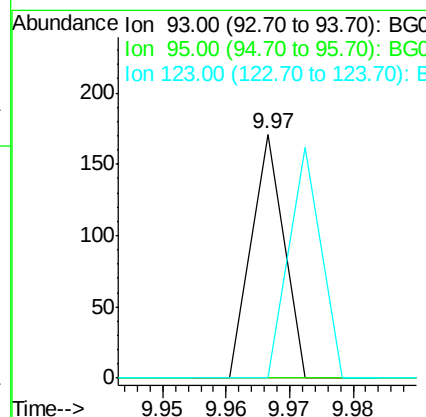
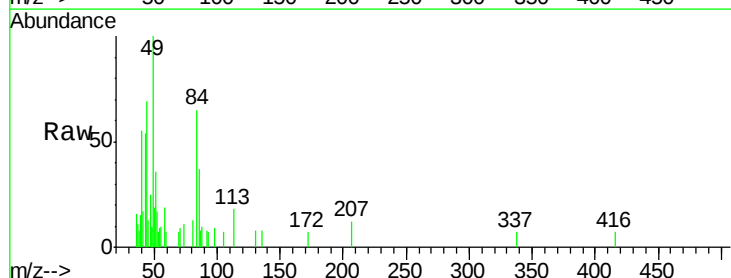
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

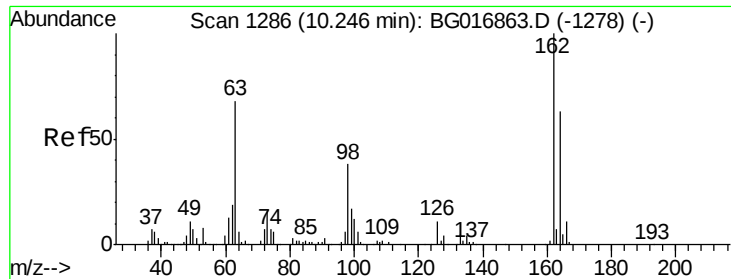
Tgt Ion	Ratio	Lower	Upper
122	100		
107	8.5	97.6	146.4#
121	0.0	48.4	72.6#



#28
 bis(2-Chloroethoxy)methane
 Concen: 0.01 ng
 RT: 9.97 min Scan# 1239
 Delta R.T. -0.05 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.8	37.2#
123	0.0	12.6	19.0#

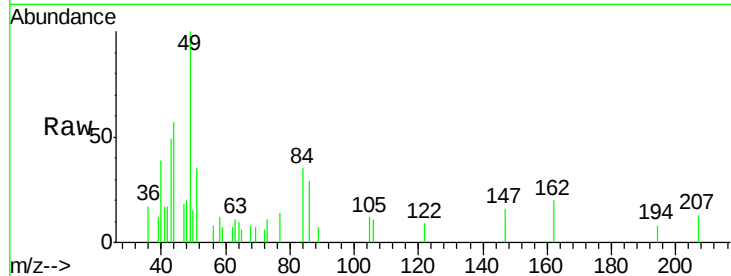




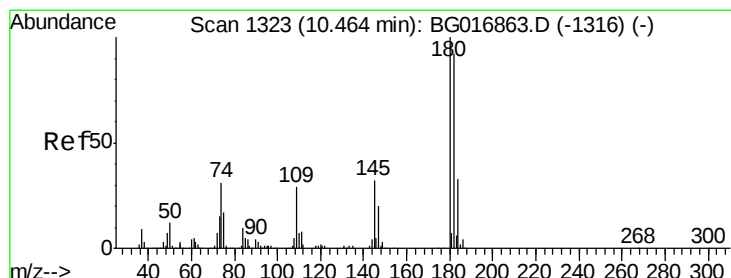
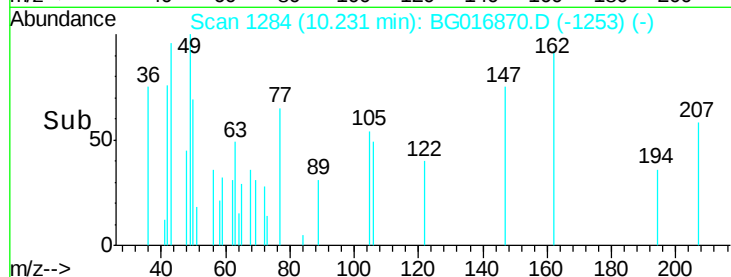
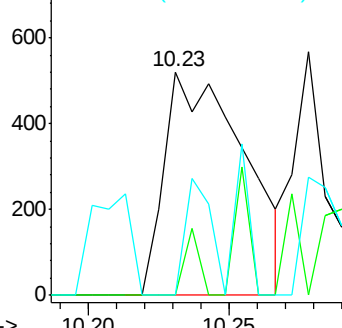
#29
2,4-Dichlorophenol
Concen: 0.24 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

Tgt Ion:162 Resp: 1013
Ion Ratio Lower Upper
162 100
164 0.0 42.9 82.9#
98 0.0 18.4 58.4#

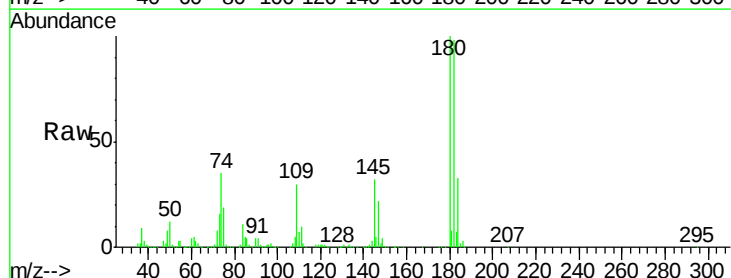


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

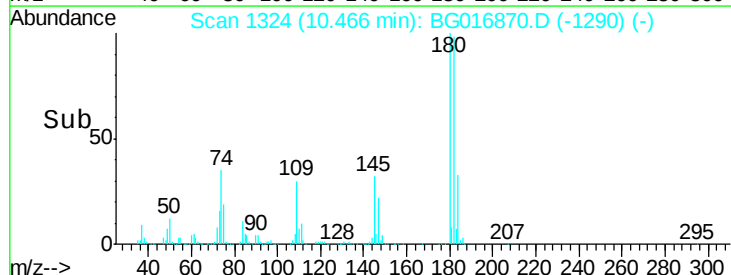
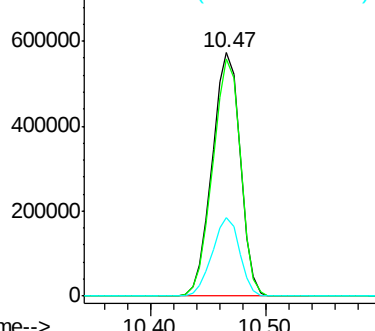


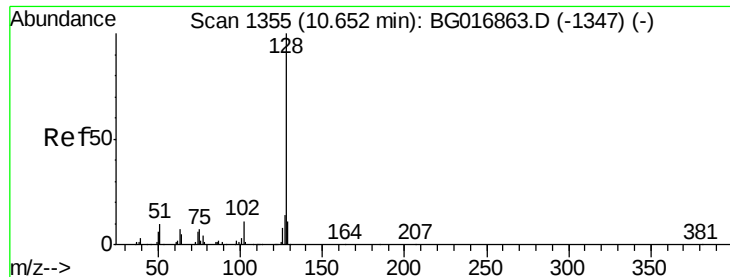
#30
1,2,4-Trichlorobenzene
Concen: 212.83 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:180 Resp: 968890
Ion Ratio Lower Upper
180 100
182 97.6 73.8 110.8
145 32.5 25.4 38.0



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

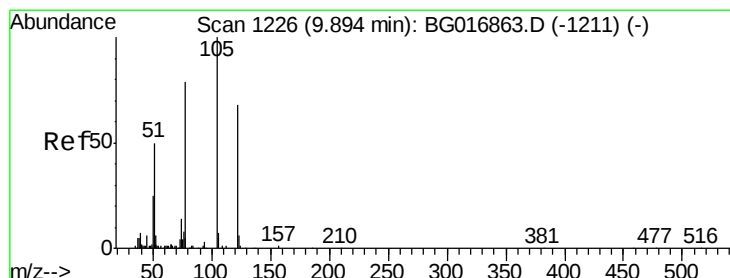
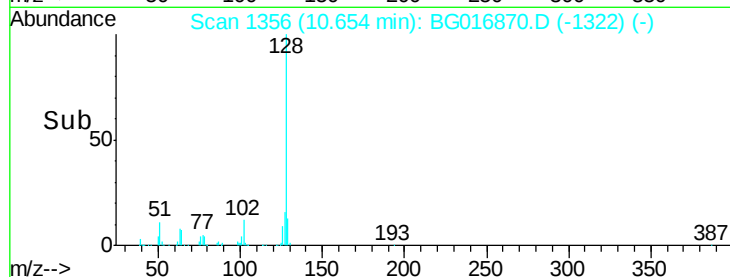
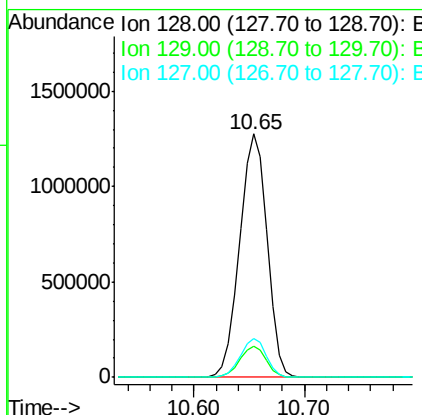
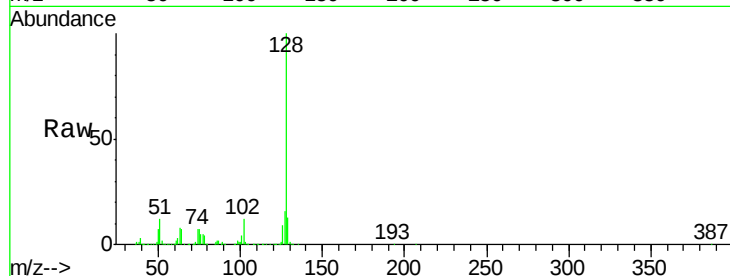




#31
Naphthalene
Concen: 149.93 ng
RT: 10.65 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

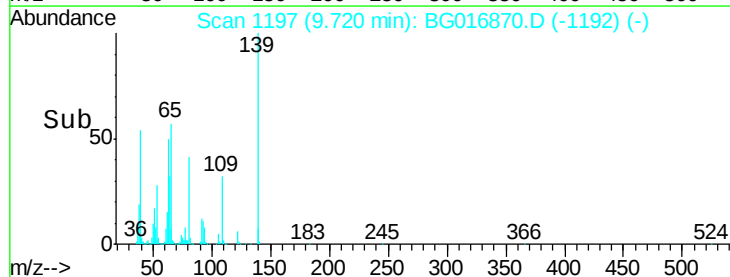
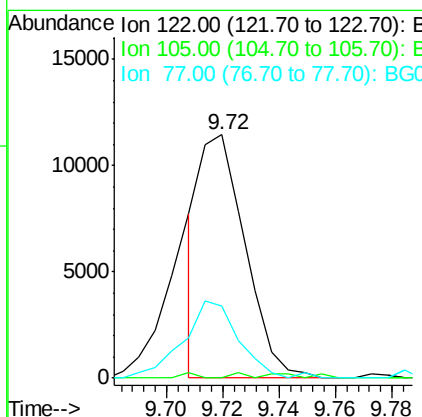
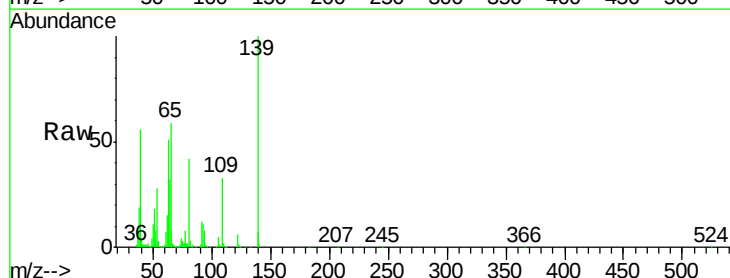
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

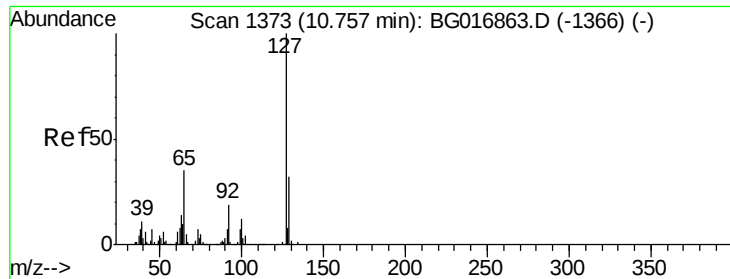
Tgt Ion:128 Resp: 2224796
Ion Ratio Lower Upper
128 100
129 12.9 9.1 13.7
127 15.9 10.9 16.3



#32
Benzoic acid
Concen: 6.41 ng
RT: 9.72 min Scan# 1197
Delta R.T. -0.17 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:122 Resp: 12800
Ion Ratio Lower Upper
122 100
105 0.0 123.2 163.2#
77 29.6 93.0 133.0#

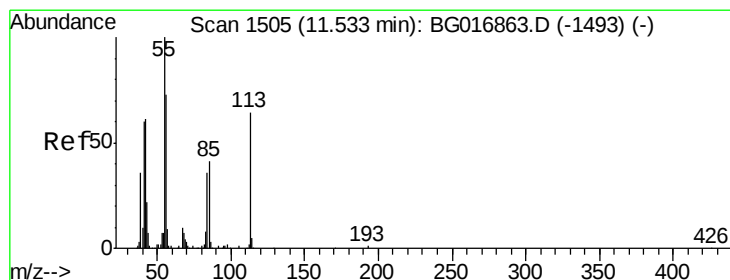
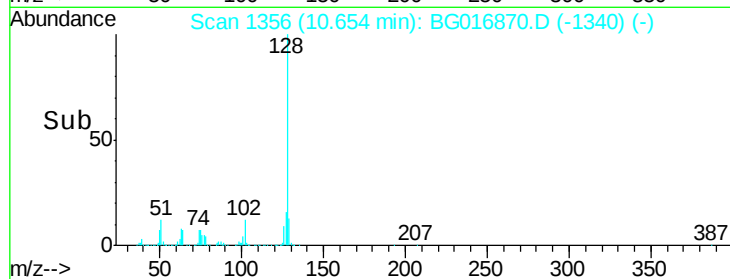
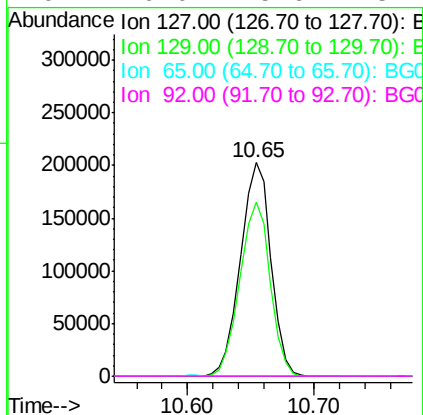
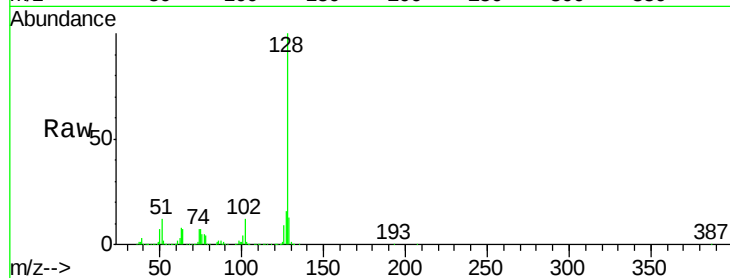




#33
4-Chloroaniline
Concen: 49.13 ng
RT: 10.65 min Scan# 1356
Delta R.T. -0.10 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

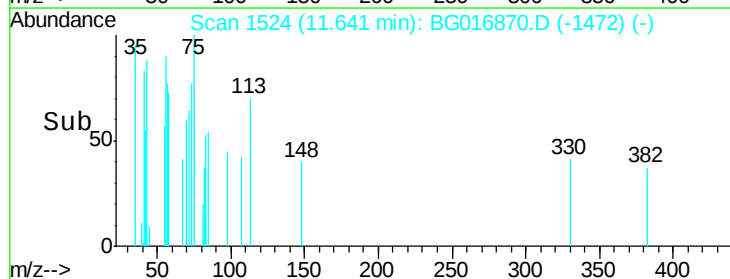
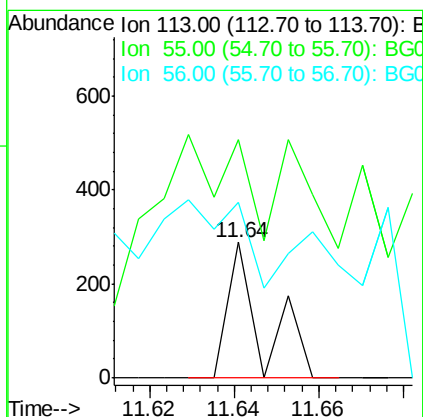
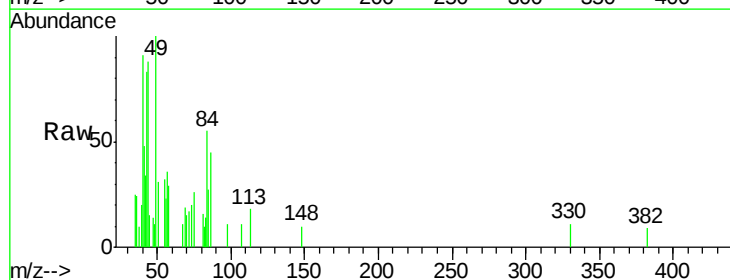
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

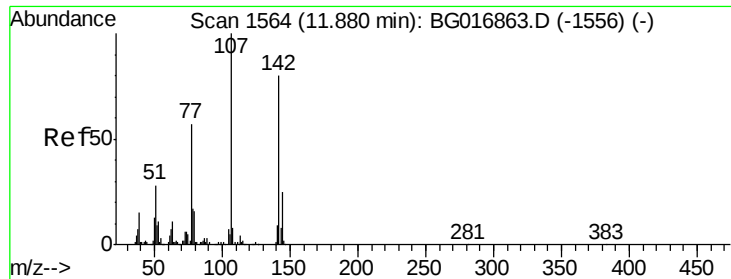
Tgt Ion:	127	Resp:	336682
Ion	Ratio	Lower	Upper
127	100		
129	81.3	25.8	38.6#
65	0.0	28.2	42.2#
92	0.0	15.6	23.4#



#35
Caprolactam
Concen: 0.07 ng
RT: 11.64 min Scan# 1524
Delta R.T. 0.11 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:	113	Resp:	163
Ion	Ratio	Lower	Upper
113	100		
55	175.1	137.1	177.1
56	129.1	94.3	134.3

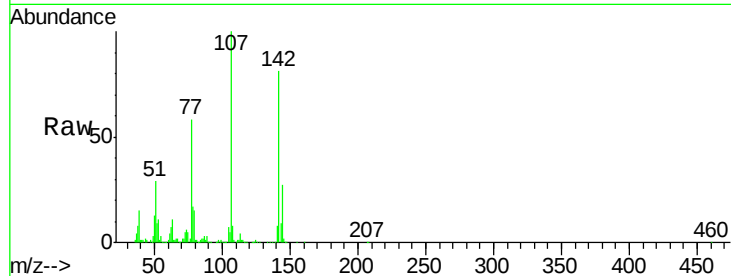




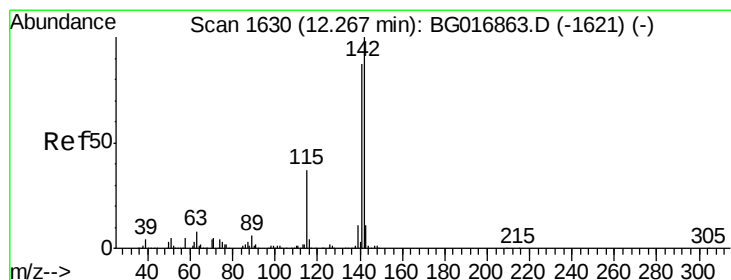
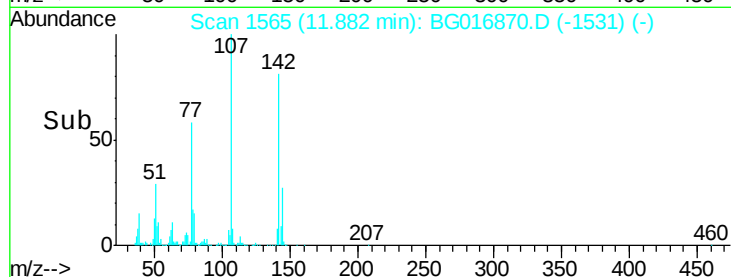
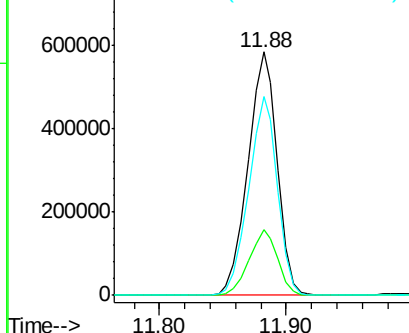
#36
 4-Chloro-3-methylphenol
 Concen: 170.25 ng
 RT: 11.88 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.2	30.2
142	81.4	64.2	96.2

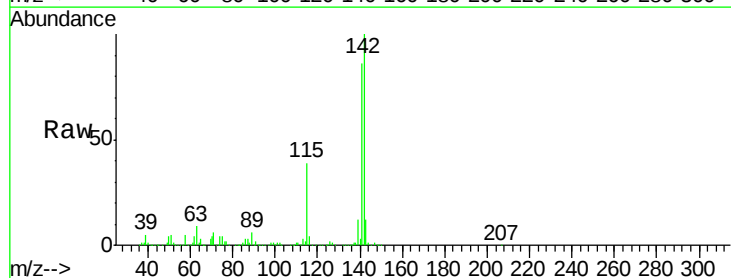


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

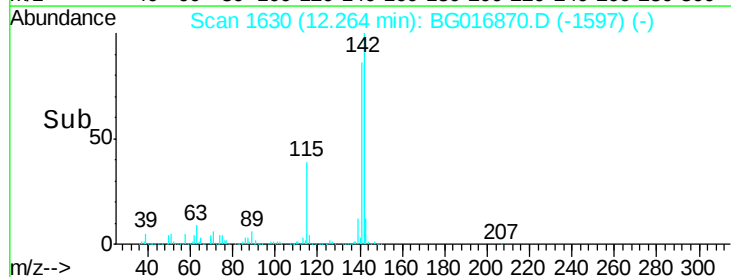
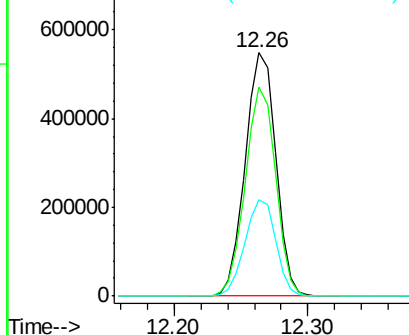


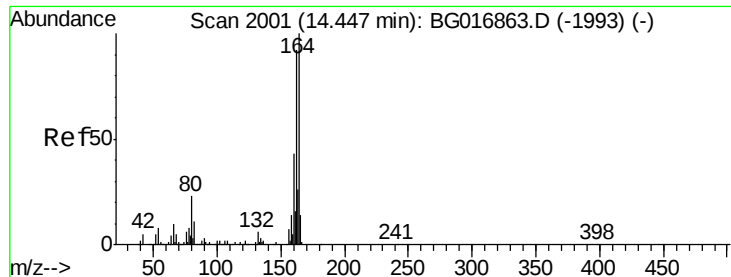
#37
 2-Methylnaphthalene
 Concen: 76.72 ng
 RT: 12.26 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	85.7	69.9	104.9
115	39.5	29.8	44.8



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: 14.44 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

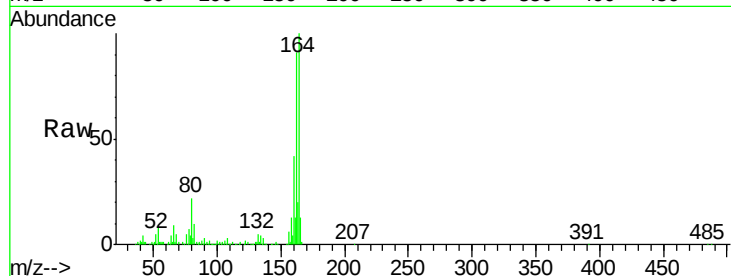
Tgt Ion:164 Resp: 200206

Ion Ratio Lower Upper

164 100

162 91.4 74.0 111.0

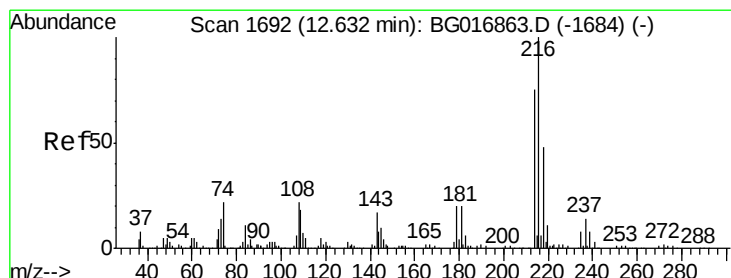
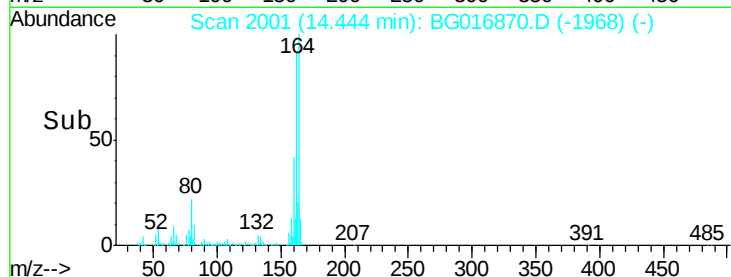
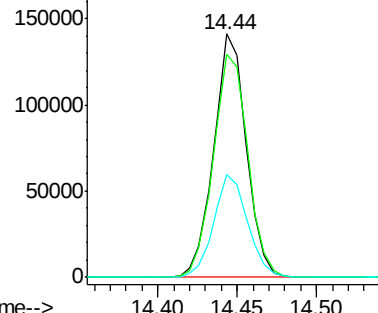
160 42.3 34.7 52.1



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: 0.07 ng

RT: 12.63 min Scan# 1693

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:216 Resp: 380

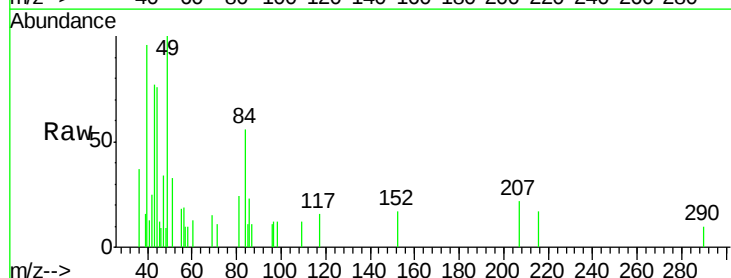
Ion Ratio Lower Upper

216 100

214 0.0 0.0 0.0

179 0.0 0.0 0.0

108 0.0 0.0 0.0

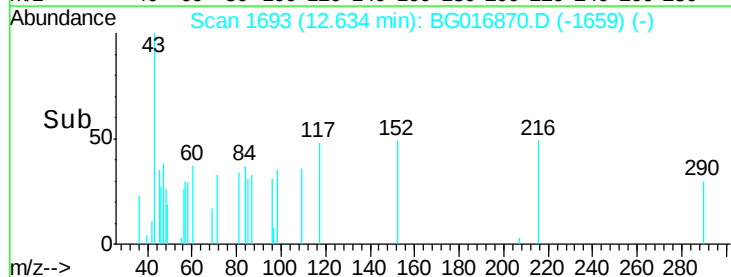
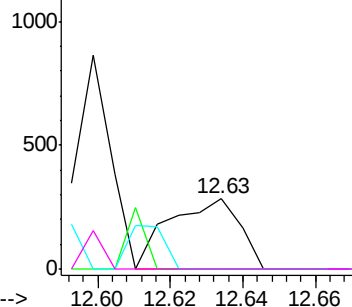


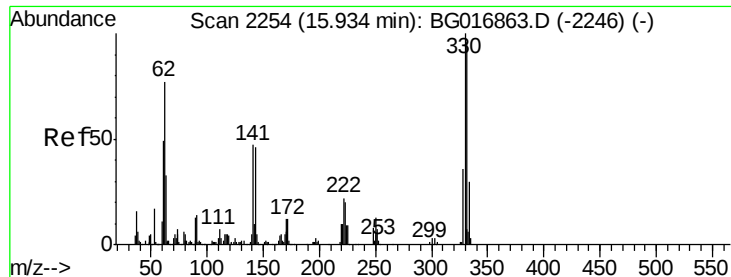
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

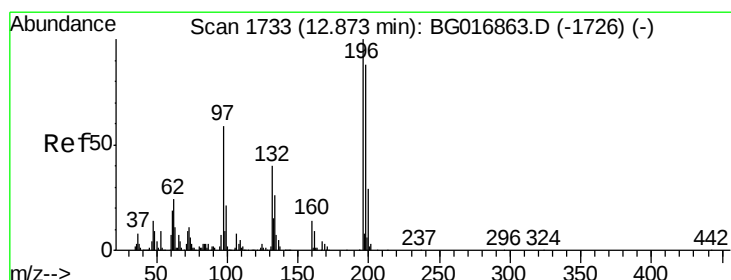
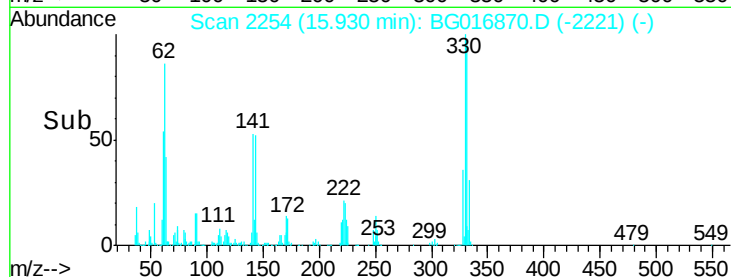
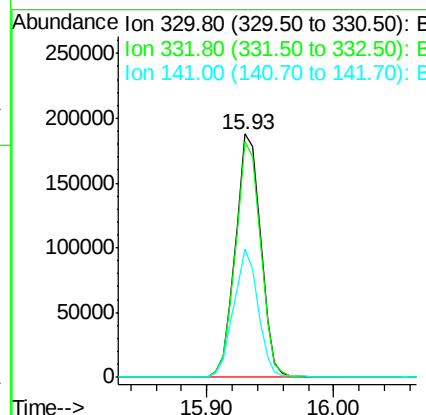
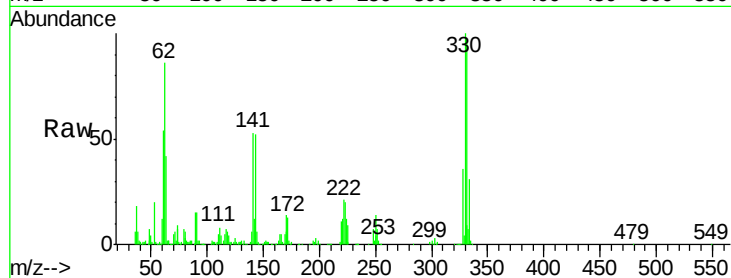




#41
 2,4,6-Tribromophenol
 Concen: 128.52 ng
 RT: 15.93 min Scan# 2254
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

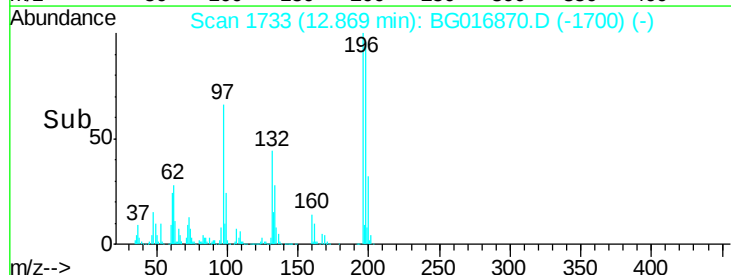
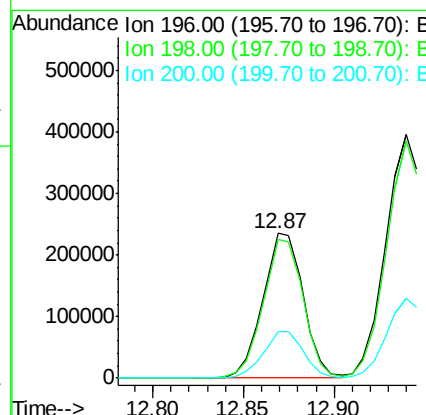
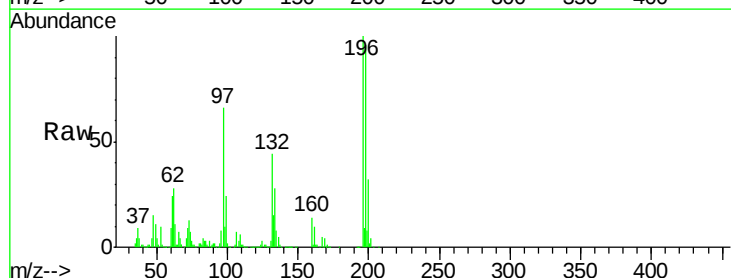
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

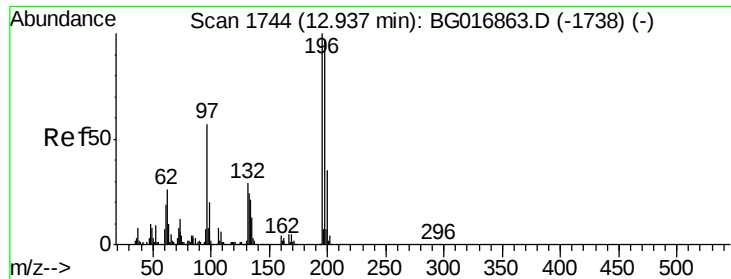
Tgt Ion:330 Resp: 258316
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 51.8 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 95.02 ng
 RT: 12.87 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:196 Resp: 364432
 Ion Ratio Lower Upper
 196 100
 198 96.1 70.7 106.1
 200 32.4 23.0 34.4

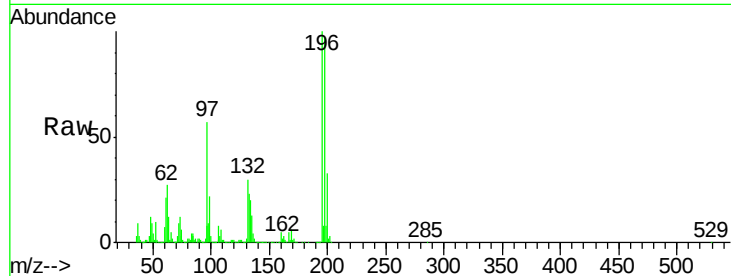




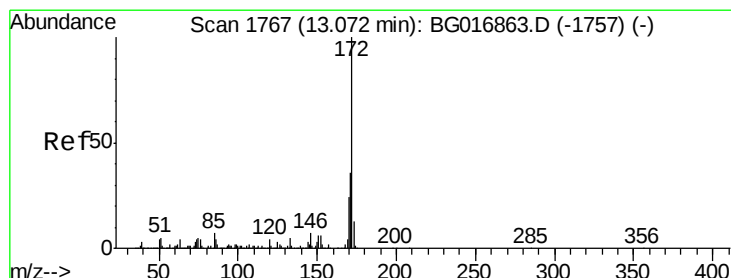
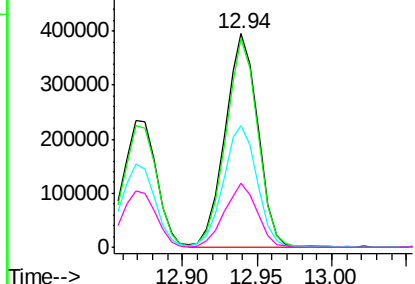
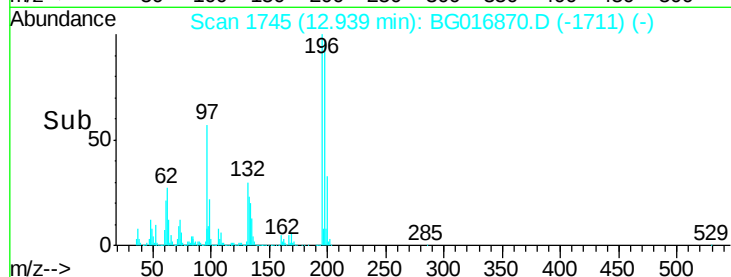
#43
 2,4,5-Trichlorophenol
 Concen: 149.19 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:196 Resp: 607343
 Ion Ratio Lower Upper
 196 100
 198 97.4 77.5 116.3
 97 56.8 45.9 68.9
 132 30.2 23.7 35.5

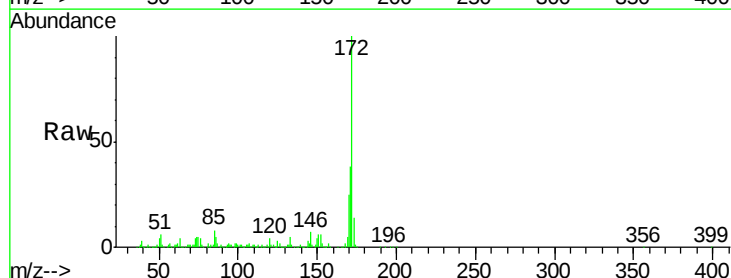


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

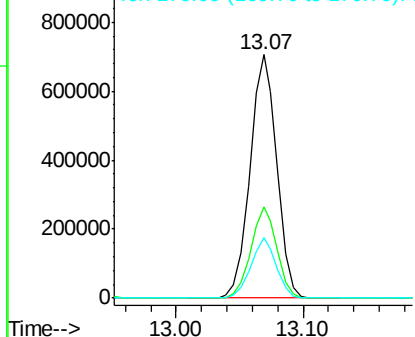
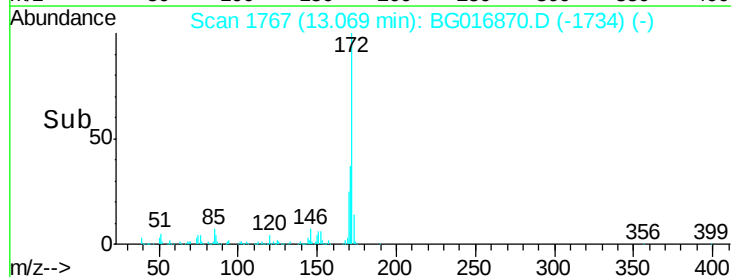


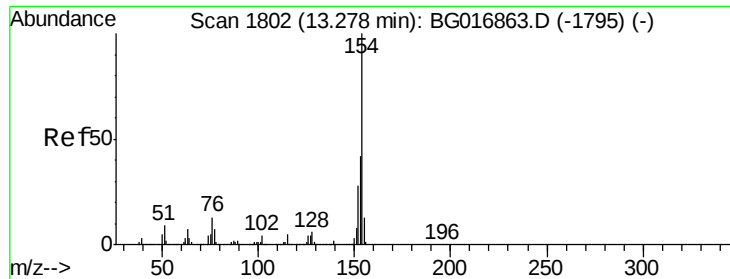
#44
 2-Fluorobiphenyl
 Concen: 77.65 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:172 Resp: 1030271
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.4
 170 24.8 19.0 28.4



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

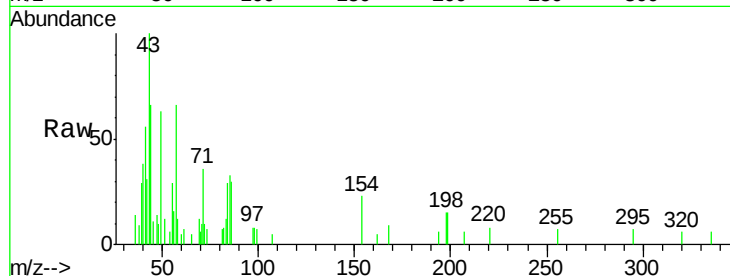




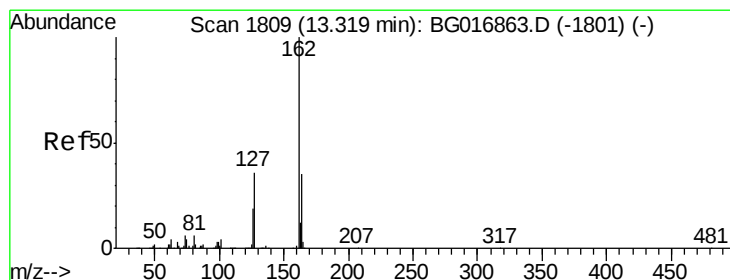
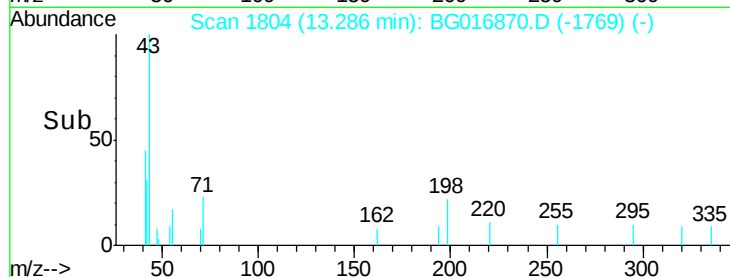
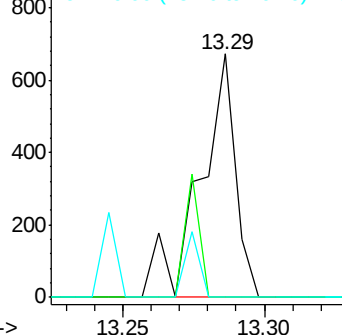
#45
 1,1'-Biphenyl
 Concen: 0.04 ng
 RT: 13.29 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:154 Resp: 587
 Ion Ratio Lower Upper
 154 100
 153 0.0 22.0 62.0#
 76 0.0 0.0 33.3

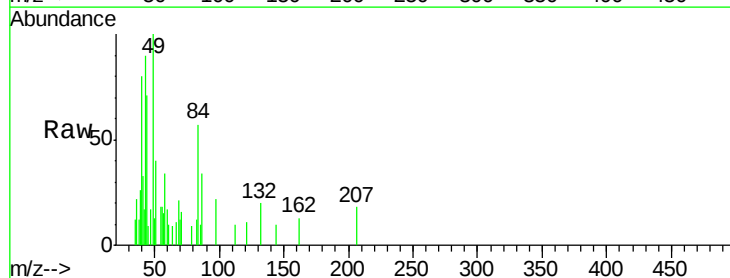


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

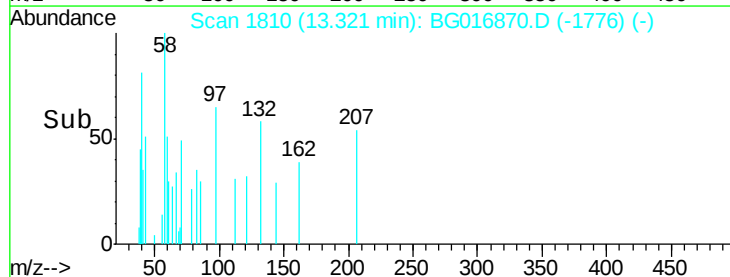
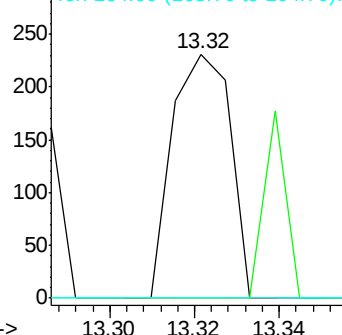


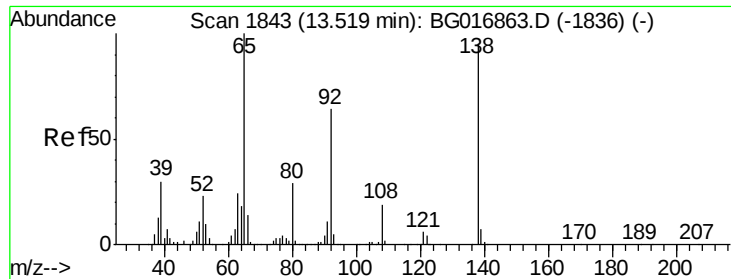
#46
 2-Chloronaphthalene
 Concen: 0.02 ng
 RT: 13.32 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:162 Resp: 220
 Ion Ratio Lower Upper
 162 100
 127 0.0 31.2 46.8#
 164 0.0 27.8 41.6#



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

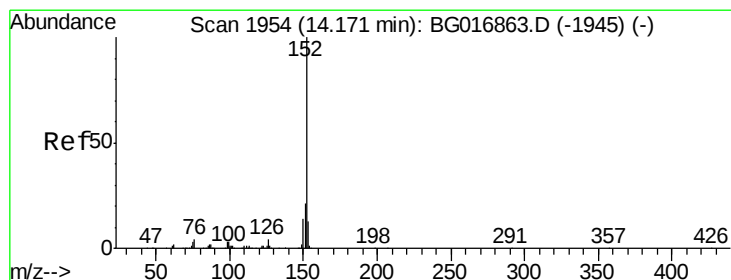
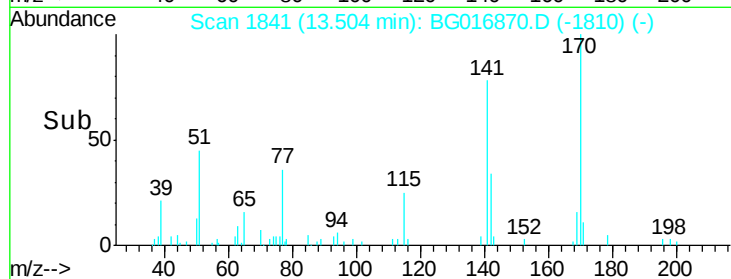
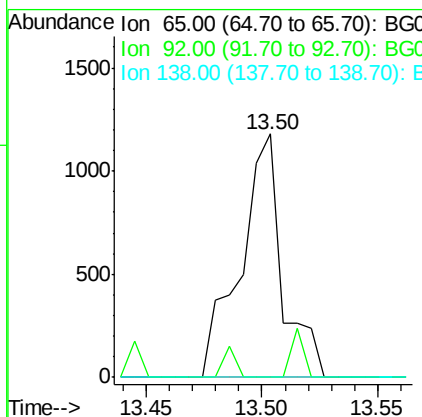
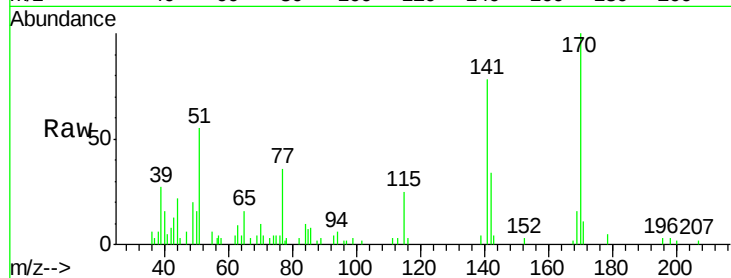




#47
2-Nitroaniline
Concen: 0.38 ng
RT: 13.50 min Scan# 1841
Delta R.T. -0.02 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

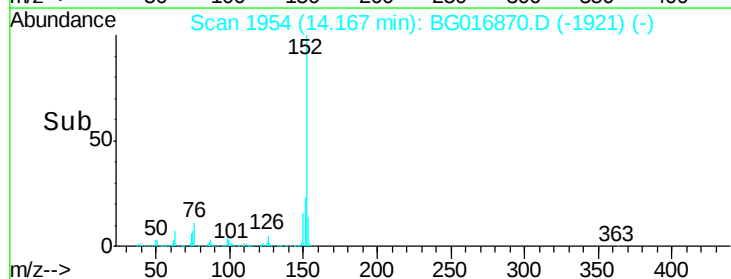
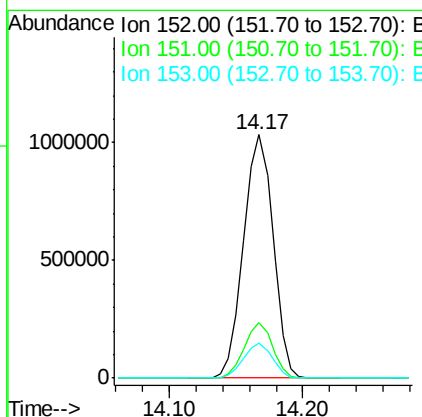
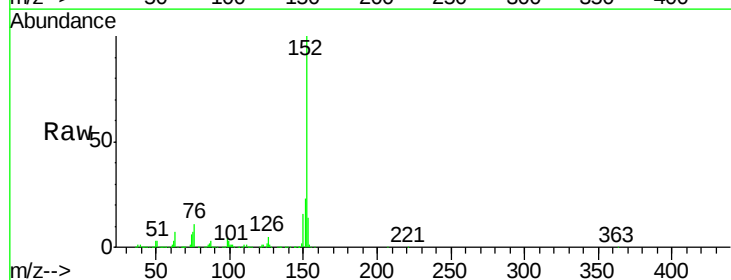
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

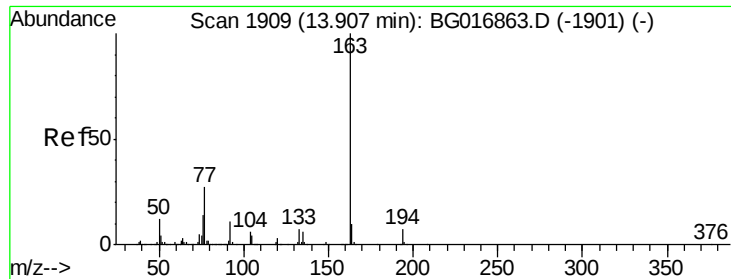
Tgt Ion: 65 Resp: 1500
Ion Ratio Lower Upper
65 100
92 0.0 51.0 76.6#
138 0.0 76.2 114.2#



#48
Acenaphthylene
Concen: 79.82 ng
RT: 14.17 min Scan# 1954
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion: 152 Resp: 1578283
Ion Ratio Lower Upper
152 100
151 22.7 17.0 25.4
153 14.4 10.7 16.1





#49

Dimethylphthalate

Concen: 1.97 ng

RT: 13.90 min Scan# 1909

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

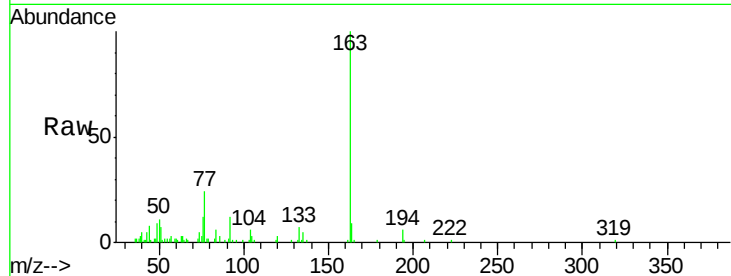
Tgt Ion:163 Resp: 29487

Ion Ratio Lower Upper

163 100

194 6.5 5.2 7.8

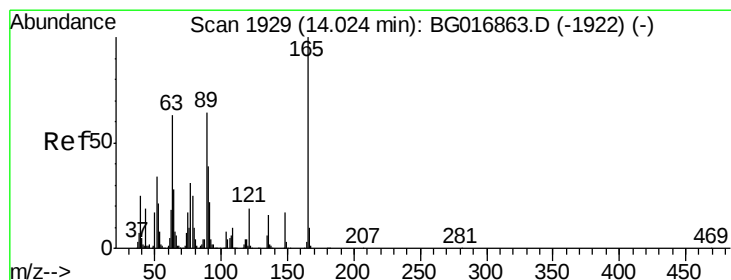
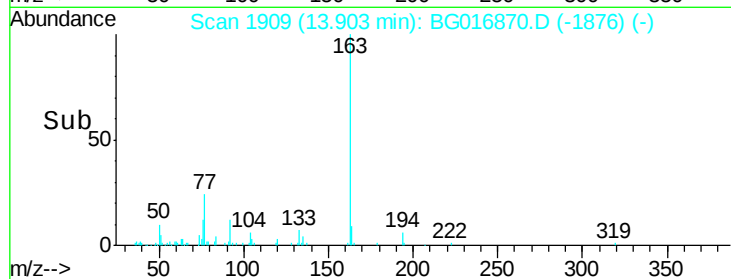
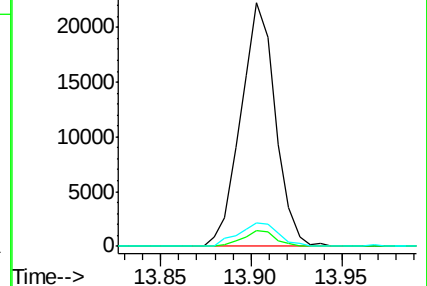
164 9.5 8.4 12.6



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: 0.06 ng

RT: 13.99 min Scan# 1924

Delta R.T. -0.03 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

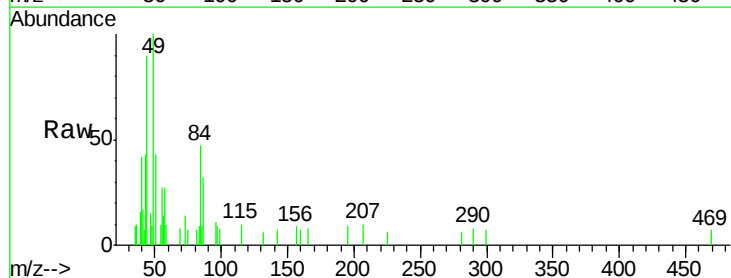
Tgt Ion:165 Resp: 187

Ion Ratio Lower Upper

165 100

63 0.0 50.9 76.3#

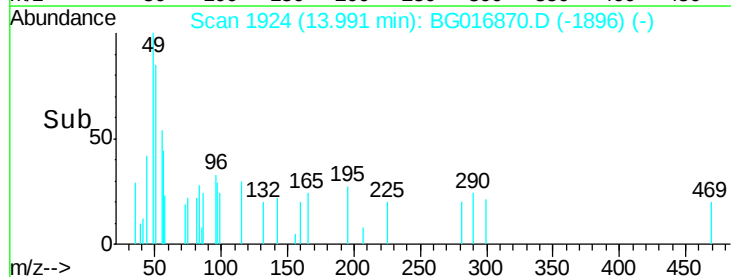
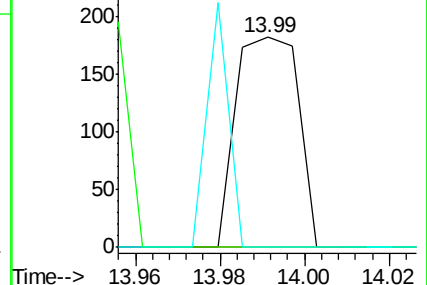
89 0.0 51.4 77.2#

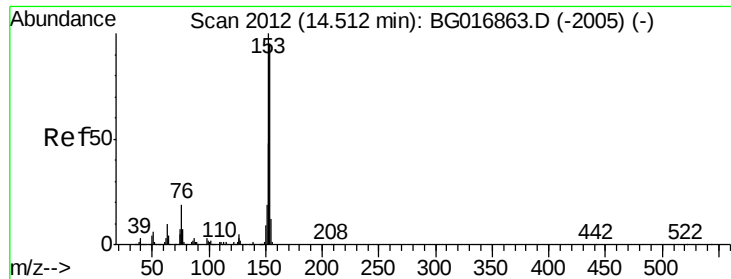


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

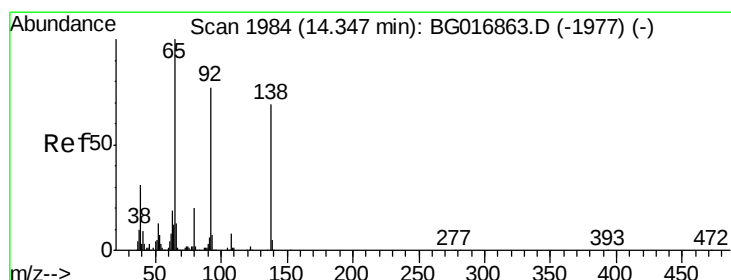
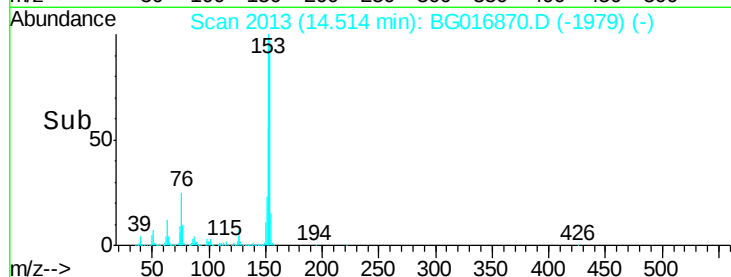
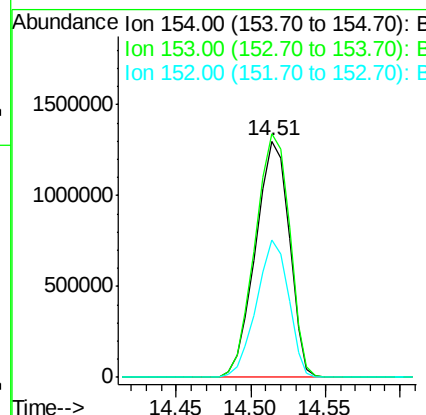
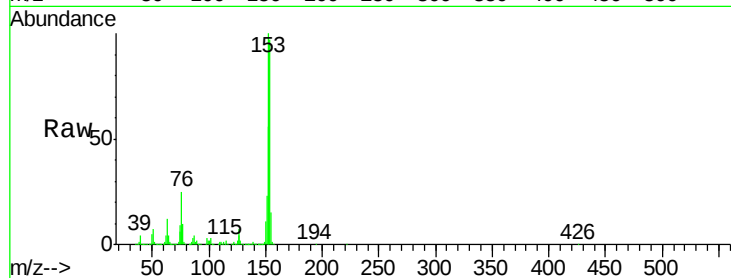




#51
Acenaphthene
Concen: 172.45 ng
RT: 14.51 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

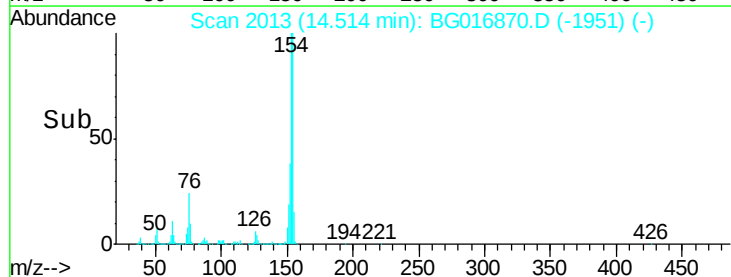
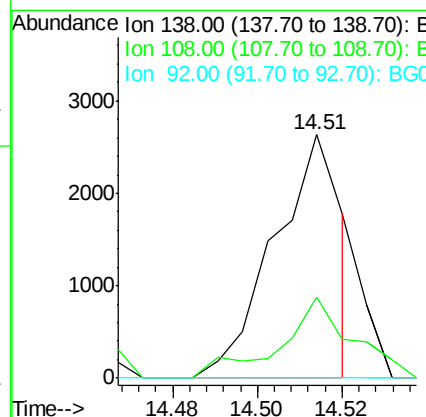
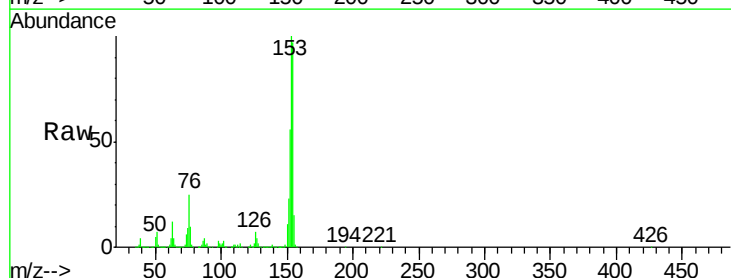
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

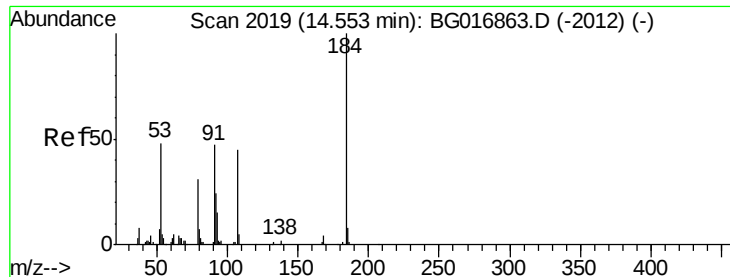
Tgt Ion:154 Resp: 2029245
Ion Ratio Lower Upper
154 100
153 103.1 84.2 126.4
152 58.2 40.2 60.2



#52
3-Nitroaniline
Concen: 0.83 ng
RT: 14.51 min Scan# 2013
Delta R.T. 0.17 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:138 Resp: 2921
Ion Ratio Lower Upper
138 100
108 33.1 9.5 14.3#
92 0.0 89.6 134.4#

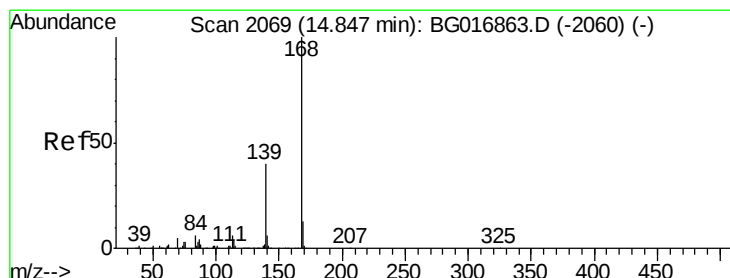
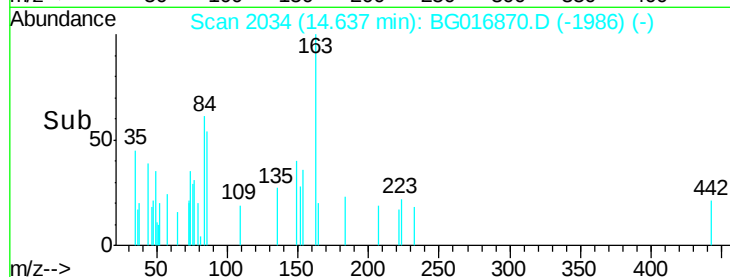
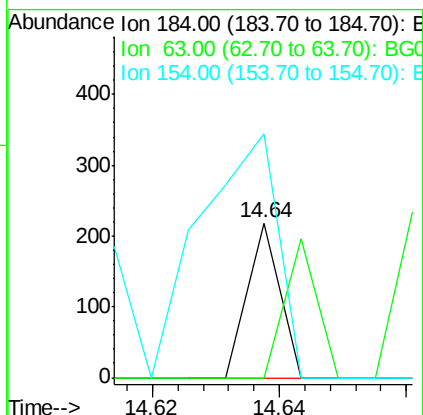
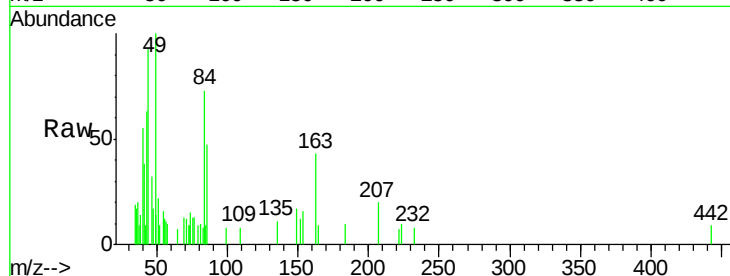




#53
2,4-Dinitrophenol
Concen: 0.05 ng
RT: 14.64 min Scan# 2034
Delta R.T. 0.08 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

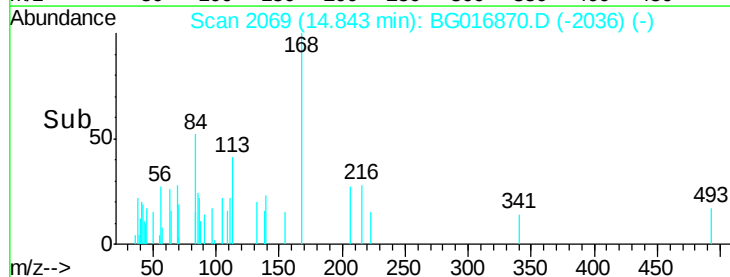
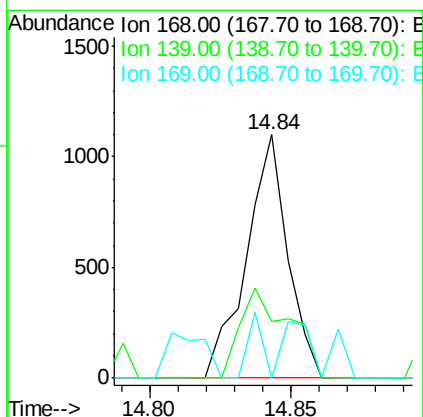
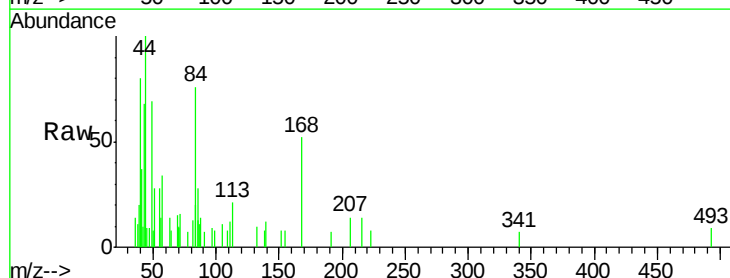
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

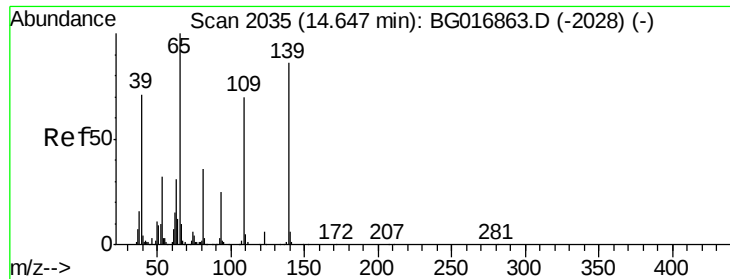
Tgt Ion:184 Resp: 77
Ion Ratio Lower Upper
184 100
63 0.0 53.4 80.0#
154 157.8 41.0 61.6#



#54
Dibenzofuran
Concen: 0.07 ng
RT: 14.84 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:168 Resp: 1113
Ion Ratio Lower Upper
168 100
139 23.5 32.5 48.7#
169 0.0 10.4 15.6#

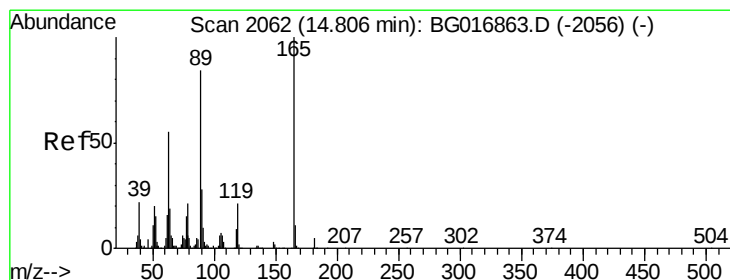
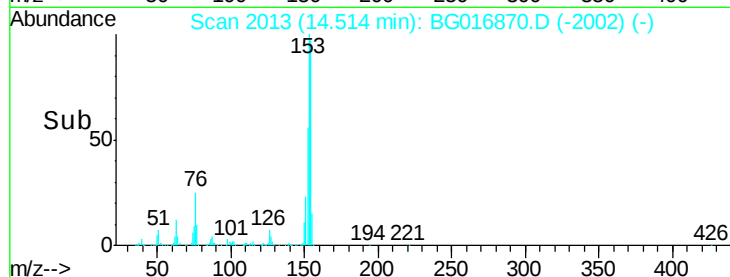
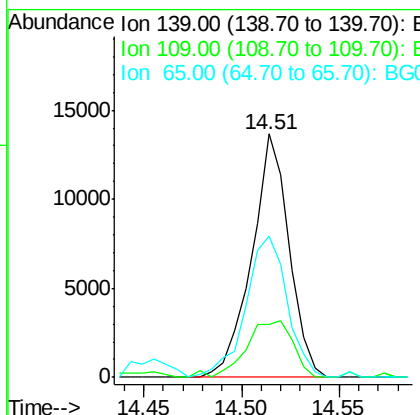
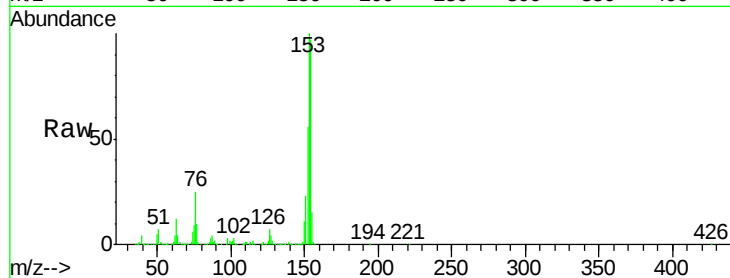




#55
4-Nitrophenol
Concen: 6.03 ng
RT: 14.51 min Scan# 2013
Delta R.T. -0.13 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

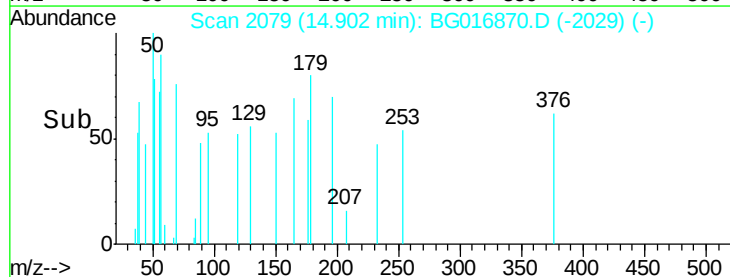
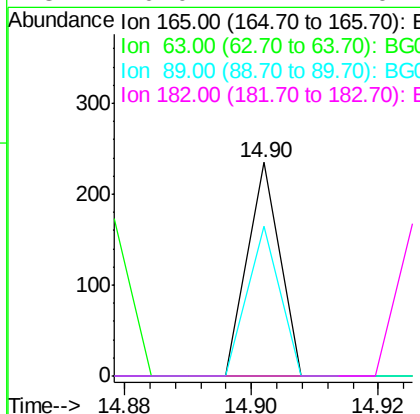
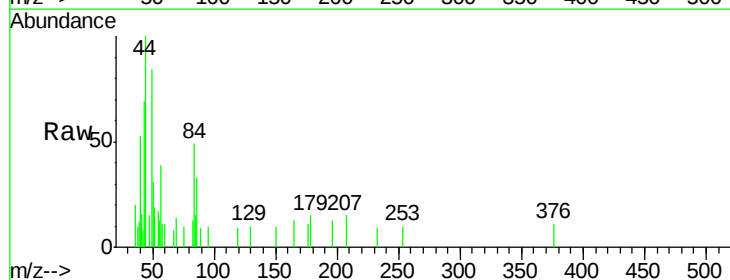
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

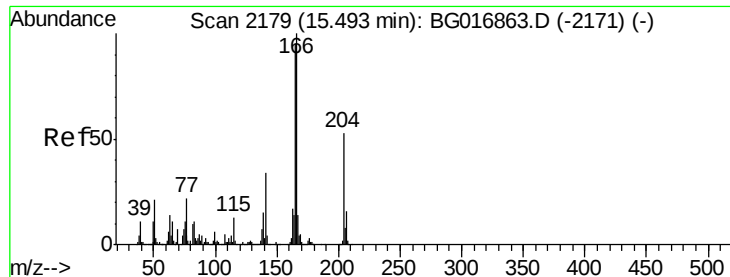
Tgt Ion:139 Resp: 18050
Ion Ratio Lower Upper
139 100
109 21.5 61.8 101.8#
65 57.8 96.8 136.8#



#56
2,4-Dinitrotoluene
Concen: 0.02 ng
RT: 14.90 min Scan# 2079
Delta R.T. 0.10 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:165 Resp: 83
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.4#
89 70.2 67.2 100.8
182 0.0 4.2 6.4#





#57

Fluorene

Concen: 73.53 ng

RT: 15.50 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

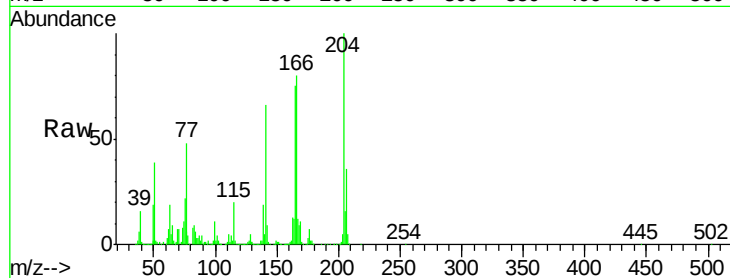
Tgt Ion:166 Resp: 1087729

Ion Ratio Lower Upper

166 100

165 93.6 76.1 114.1

167 15.3 11.4 17.2

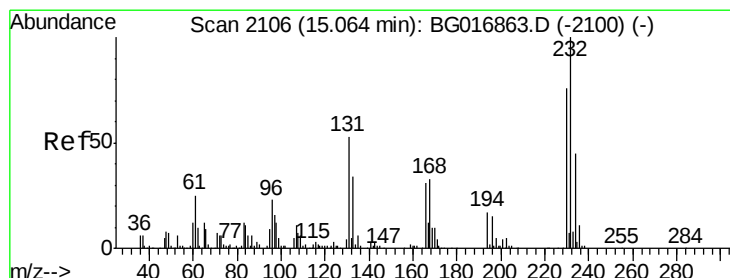
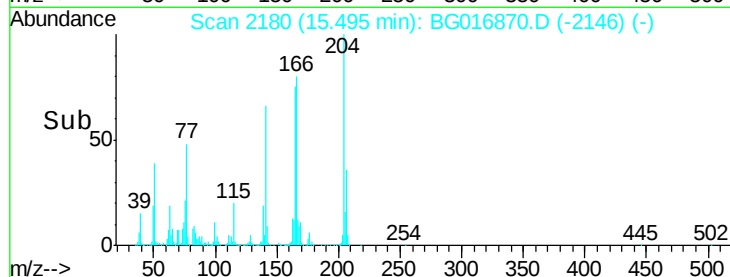
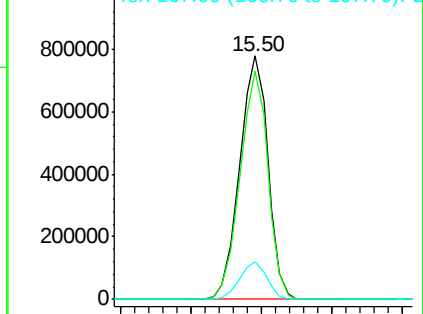


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 1.64 ng

RT: 15.06 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Tgt Ion:232 Resp: 5750

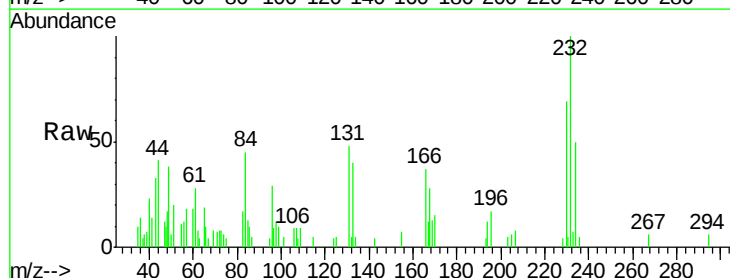
Ion Ratio Lower Upper

232 100

131 50.2 0.1 0.1#

130 0.0 0.0 0.0

166 35.0 0.0 0.0#



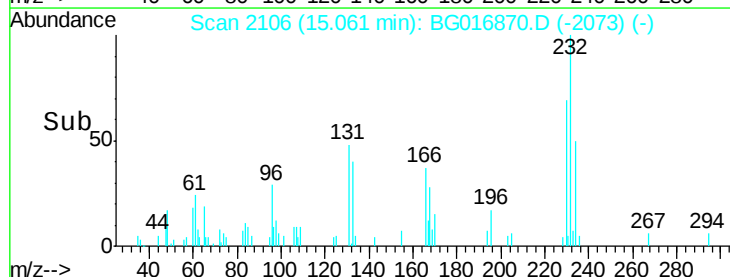
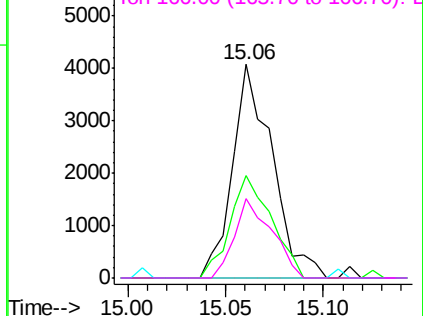
Abundance

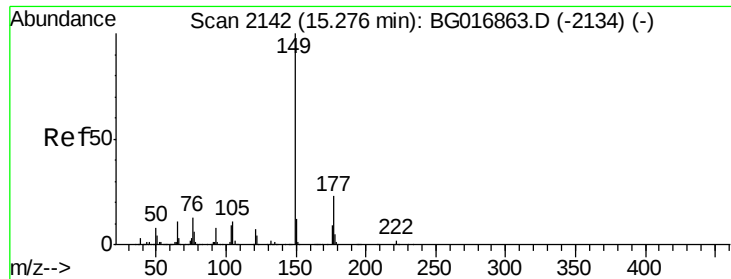
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

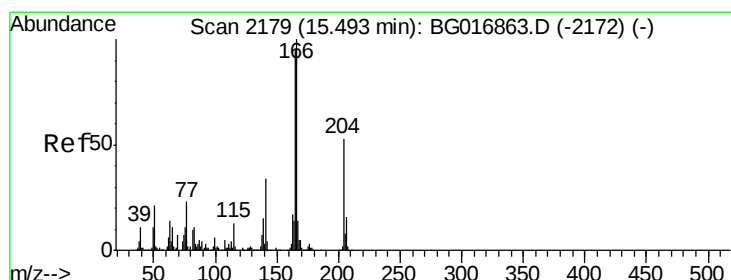
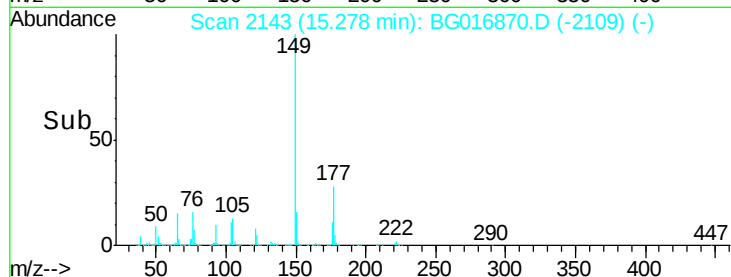
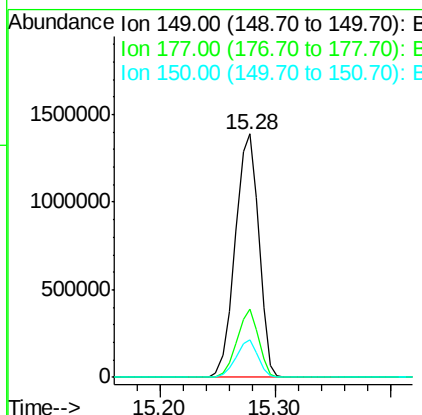
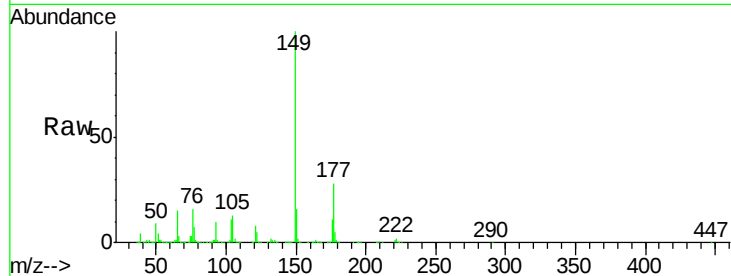




#59
Diethylphthalate
Concen: 123.97 ng
RT: 15.28 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

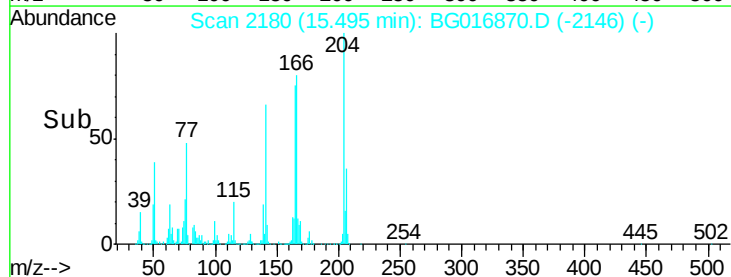
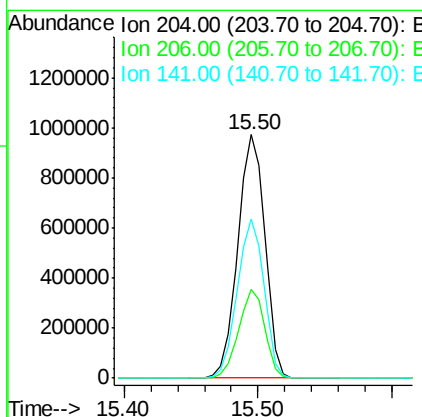
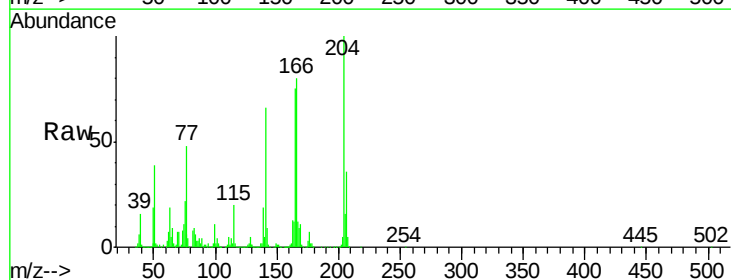
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

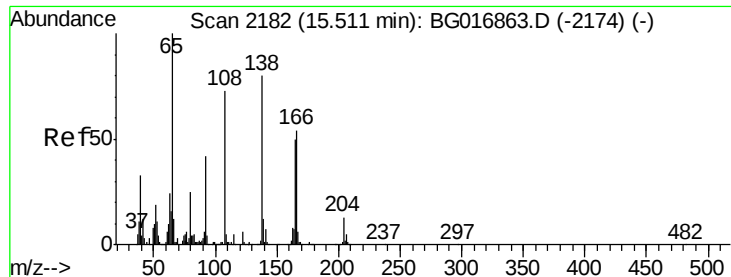
Tgt Ion:149 Resp: 1956393
Ion Ratio Lower Upper
149 100
177 28.0 18.6 27.8#
150 15.5 9.8 14.8#



#60
4-Chlorophenyl-phenylether
Concen: 183.68 ng
RT: 15.50 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:204 Resp: 1365205
Ion Ratio Lower Upper
204 100
206 36.4 24.8 37.2
141 65.5 52.4 78.6

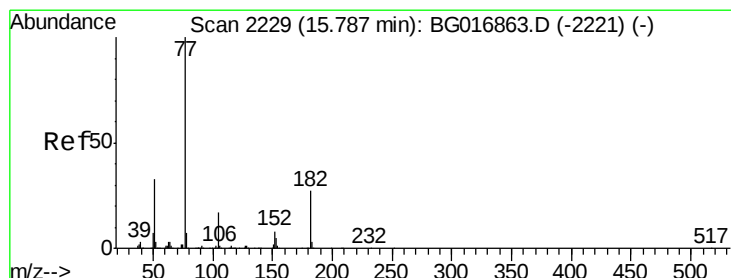
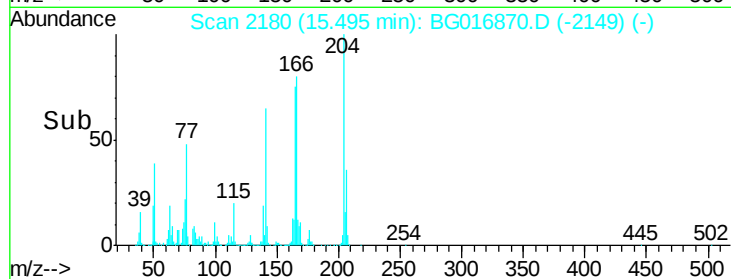
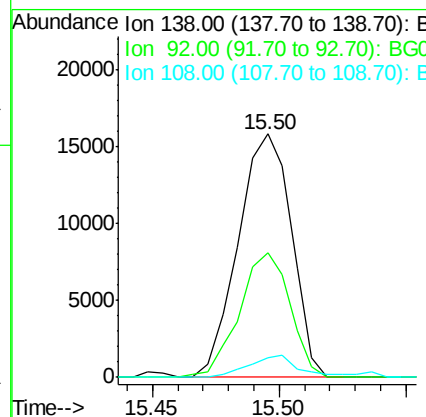
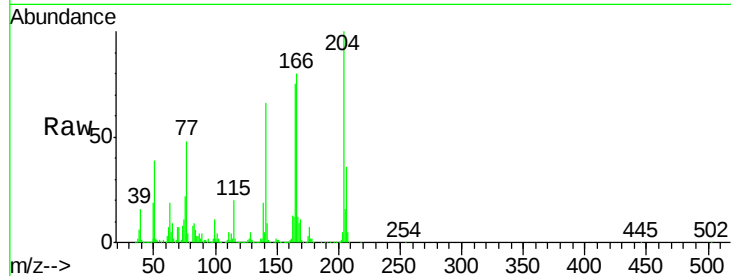




#61
4-Nitroaniline
Concen: 5.65 ng
RT: 15.50 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

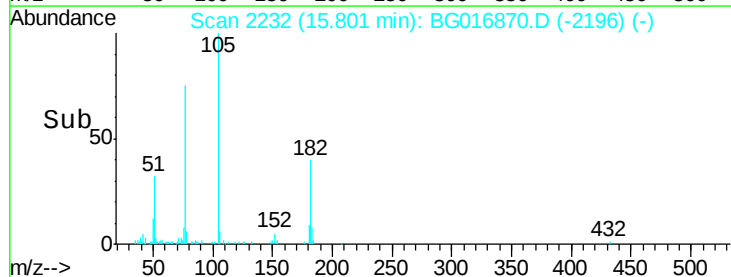
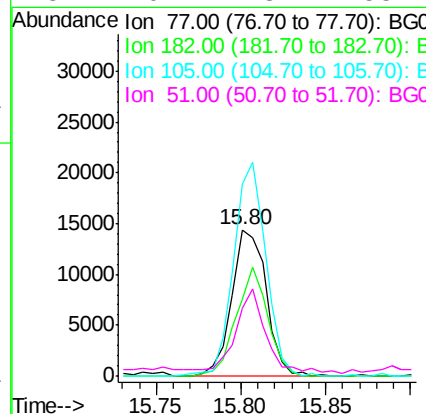
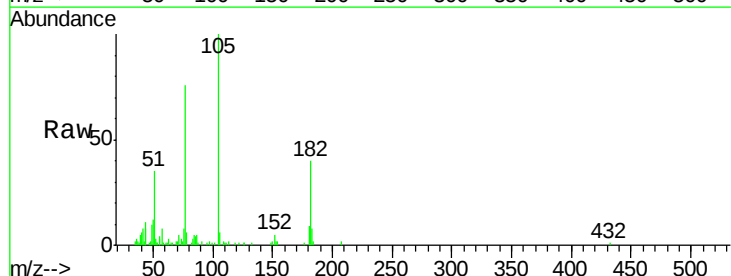
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

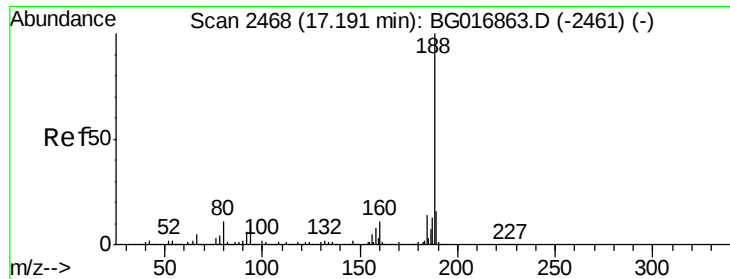
Tgt Ion:138 Resp: 23140
Ion Ratio Lower Upper
138 100
92 51.1 31.8 71.8
108 8.2 70.6 110.6#



#62
Azobenzene
Concen: 1.25 ng
RT: 15.80 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion: 77 Resp: 20504
Ion Ratio Lower Upper
77 100
182 52.3 7.4 47.4#
105 131.4 0.0 36.6#
51 46.2 13.4 53.4

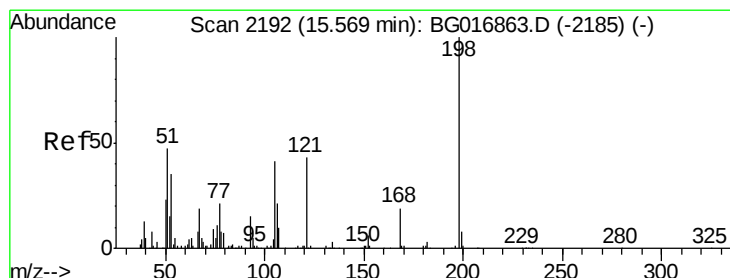
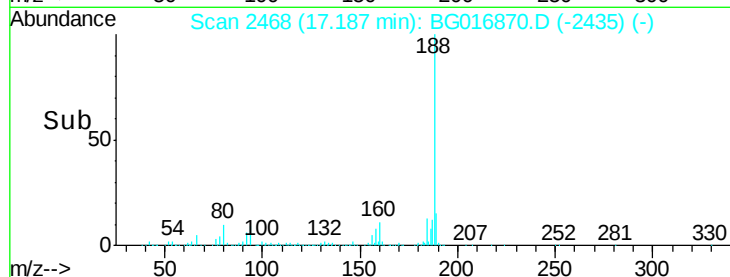
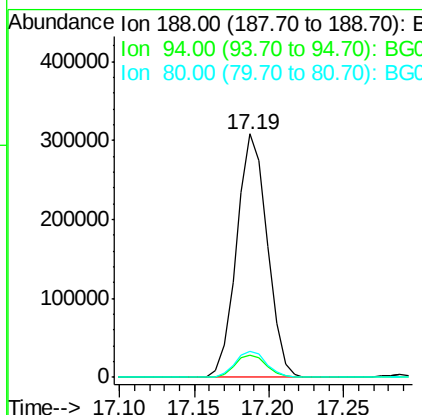
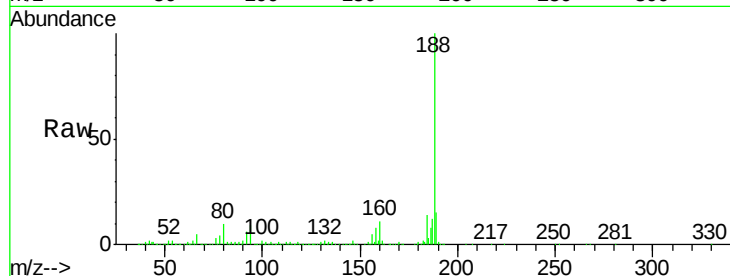




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.19 min Scan# 2468
Delta R.T. -0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

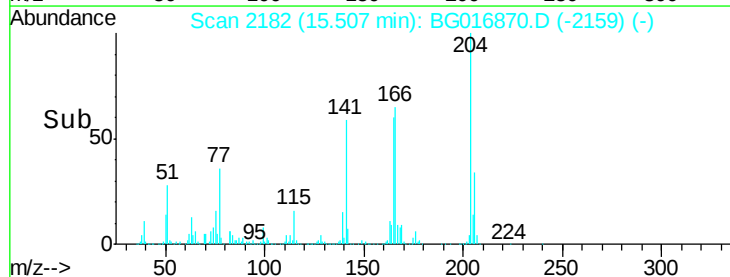
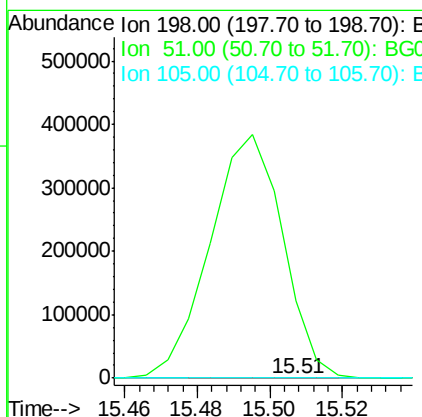
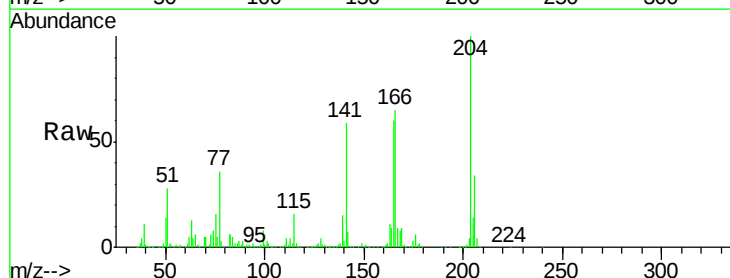
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

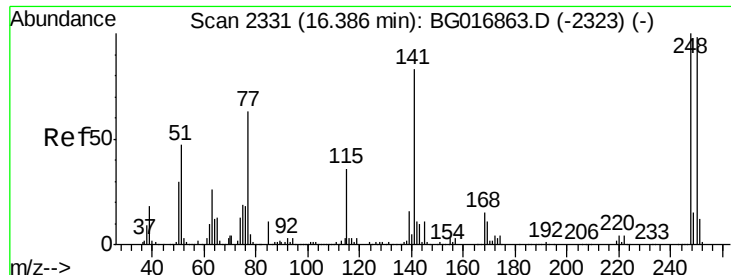
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.4
80	10.5	8.8	13.2



#64
4,6-Dinitro-2-methylphenol
Concen: 0.27 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.06 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion	Ratio	Lower	Upper
198	100		
51	21927.5	31.2	71.2#
105	65.9	22.0	62.0#

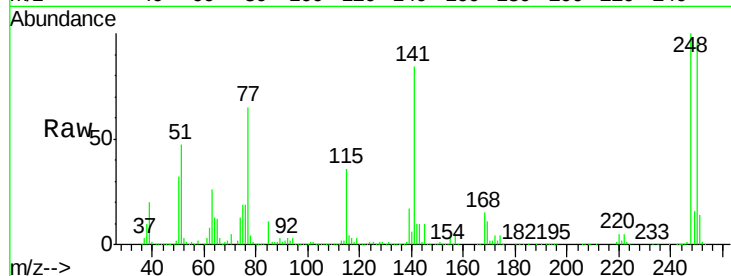




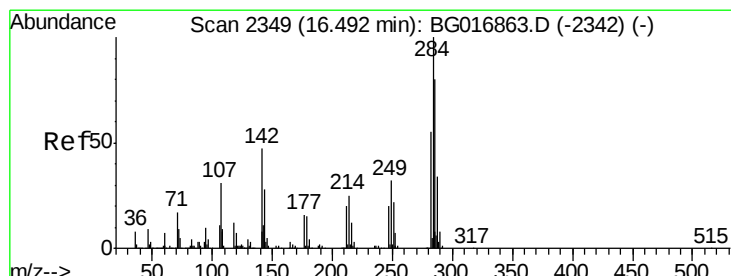
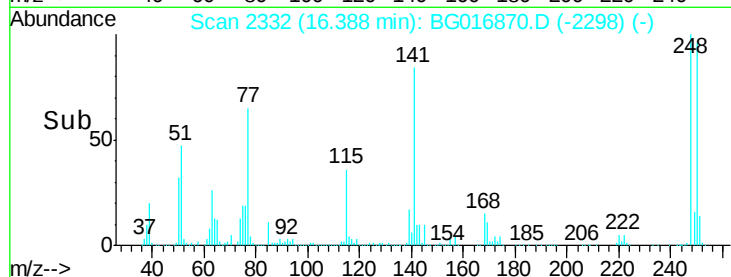
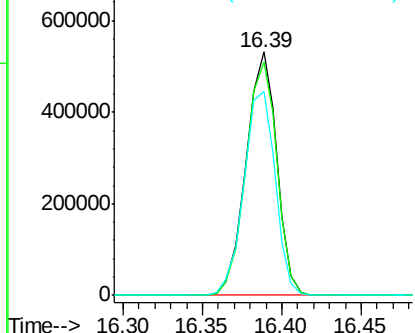
#66
 4-Bromophenyl-phenylether
 Concen: 161.35 ng
 RT: 16.39 min Scan# 2332
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:248 Resp: 711438
 Ion Ratio Lower Upper
 248 100
 250 95.8 78.6 117.8
 141 84.0 66.3 99.5

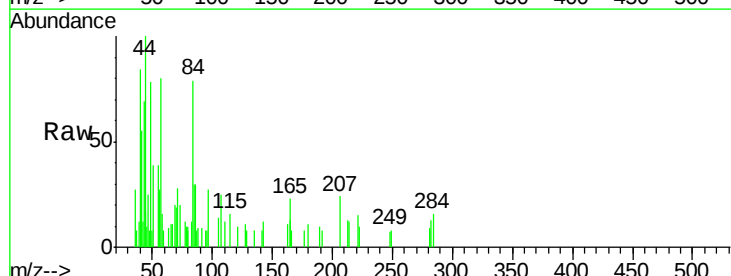


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

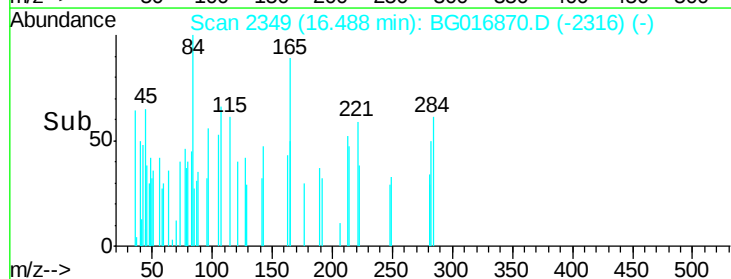
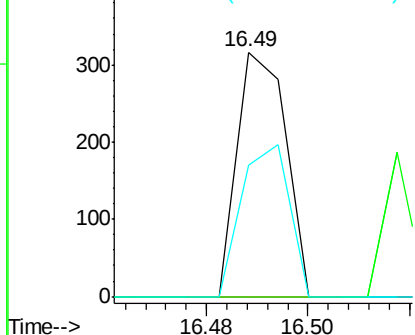


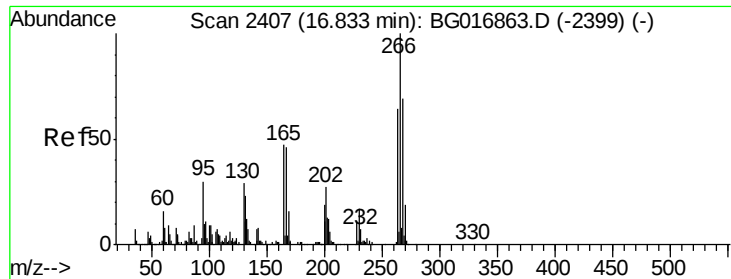
#67
 Hexachlorobenzene
 Concen: 0.05 ng
 RT: 16.49 min Scan# 2349
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:284 Resp: 211
 Ion Ratio Lower Upper
 284 100
 142 0.0 37.4 56.0#
 249 53.8 25.5 38.3#



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

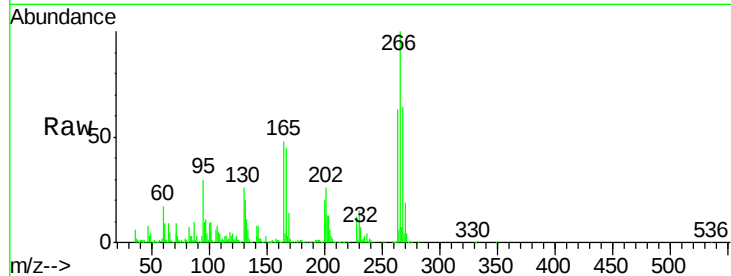




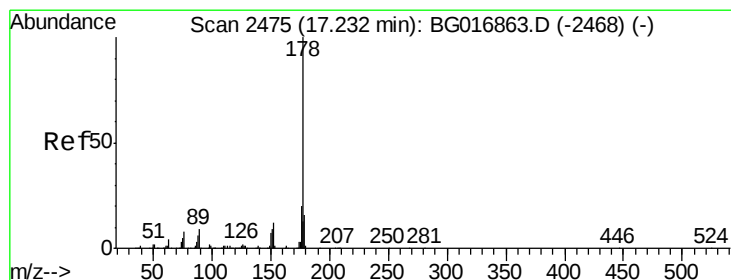
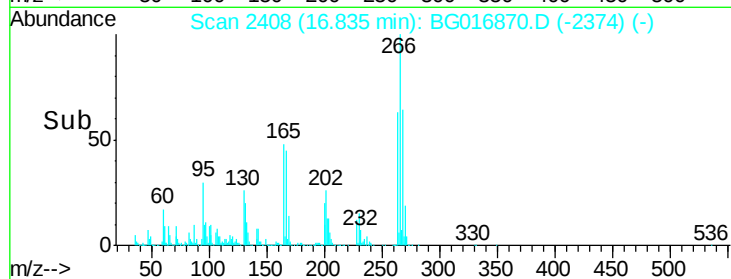
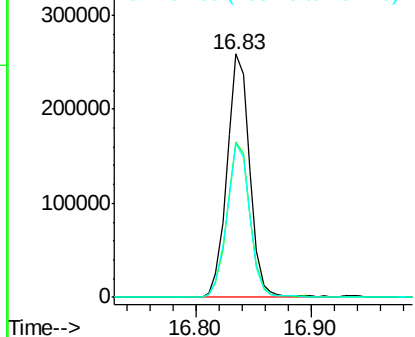
#69
 Pentachlorophenol
 Concen: 116.53 ng
 RT: 16.83 min Scan# 2408
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:266 Resp: 351762
 Ion Ratio Lower Upper
 266 100
 268 63.8 55.2 82.8
 264 63.1 51.4 77.0

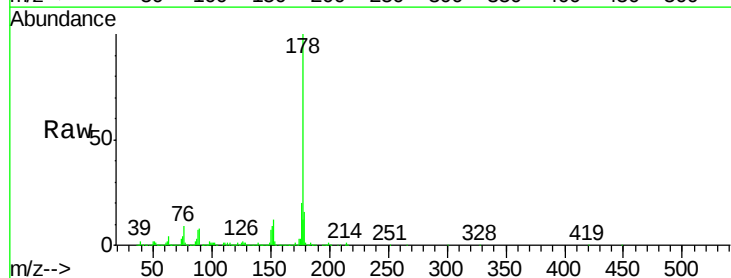


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

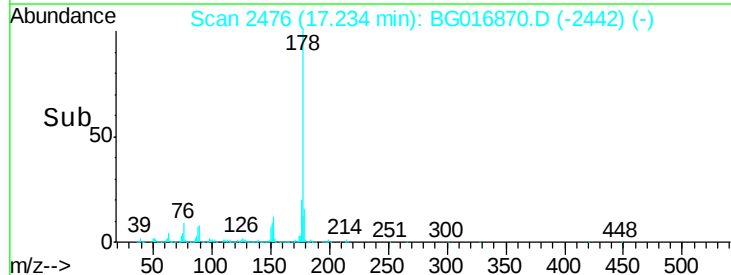
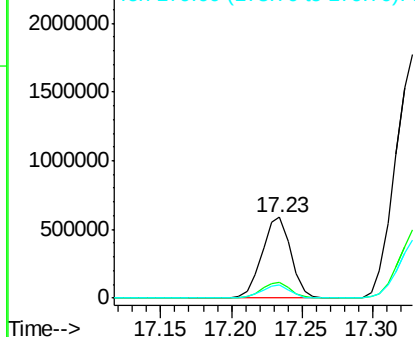


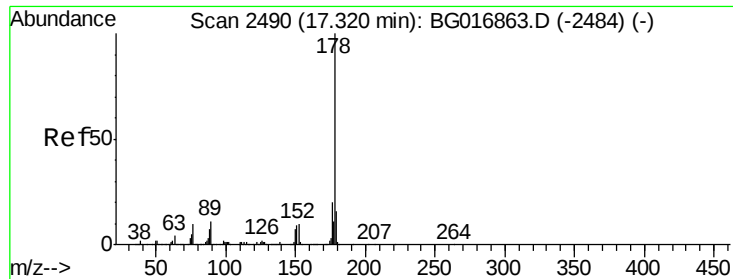
#70
 Phenanthrene
 Concen: 37.18 ng
 RT: 17.23 min Scan# 2476
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:178 Resp: 840521
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 15.8 13.0 19.6



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

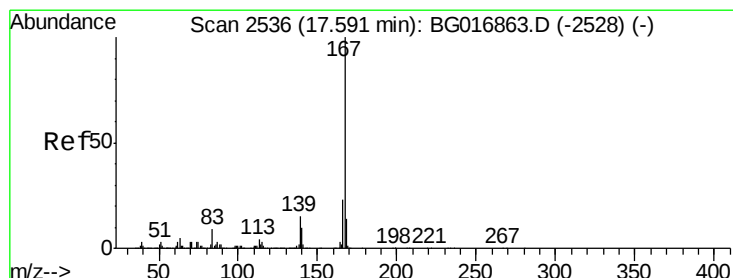
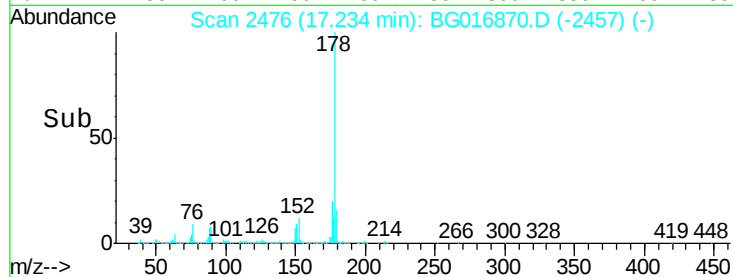
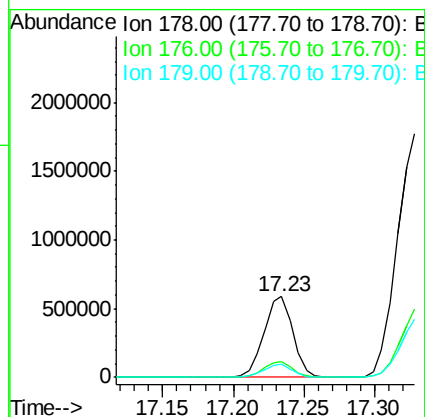
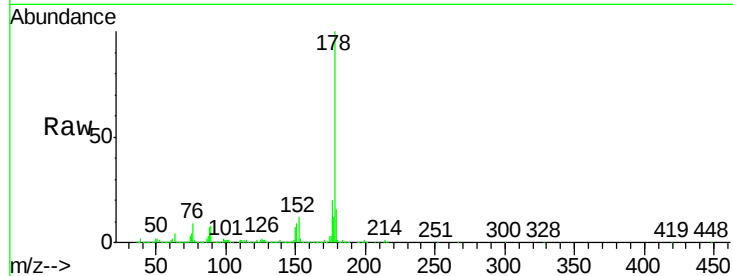




#71
 Anthracene
 Concen: 36.85 ng
 RT: 17.23 min Scan# 2476
 Delta R.T. -0.09 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

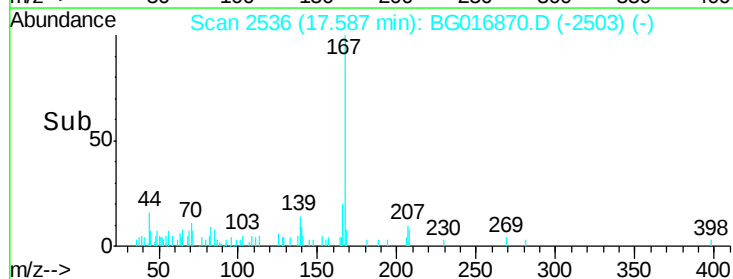
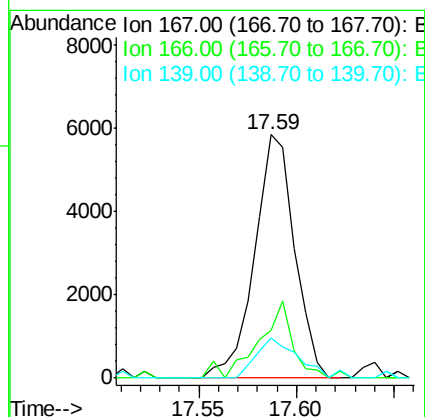
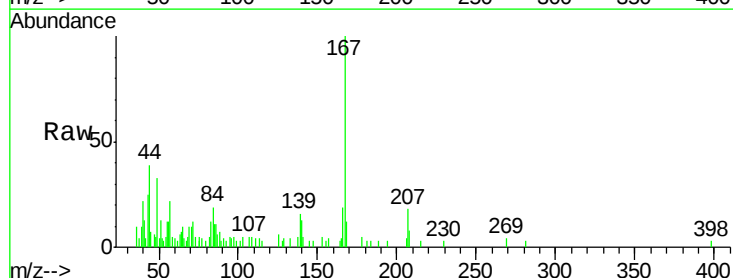
Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

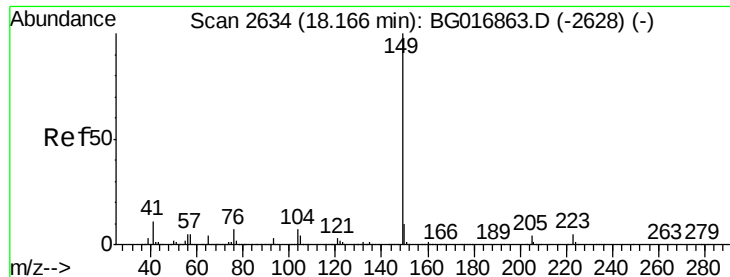
Tgt Ion:178 Resp: 840521
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.2 24.4
 179 15.8 13.1 19.7



#72
 Carbazole
 Concen: 0.38 ng
 RT: 17.59 min Scan# 2536
 Delta R.T. -0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:167 Resp: 8268
 Ion Ratio Lower Upper
 167 100
 166 19.4 18.4 27.6
 139 16.2 12.2 18.4

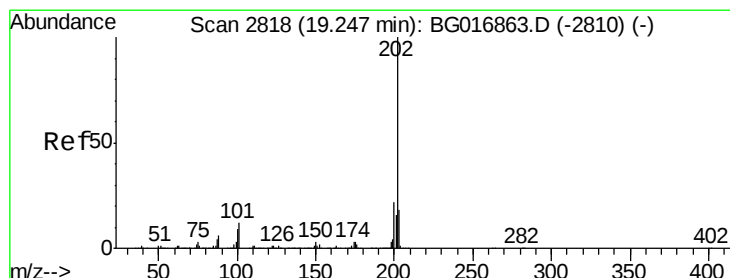
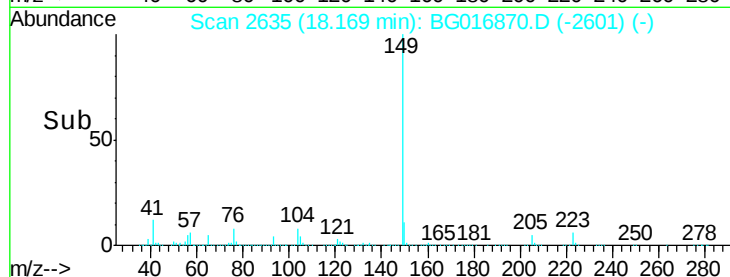
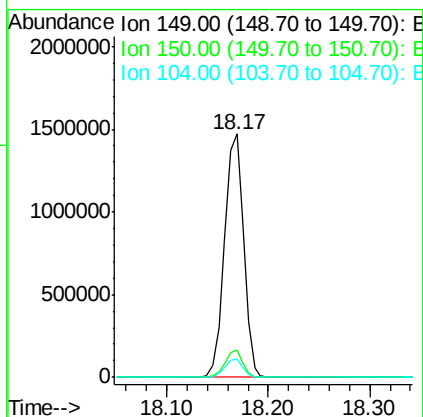
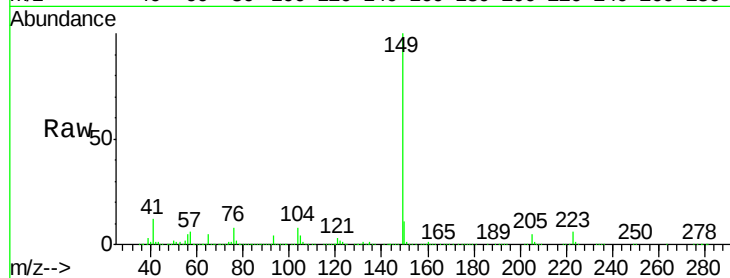




#73
Di-n-butylphthalate
Concen: 68.46 ng
RT: 18.17 min Scan# 2635
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

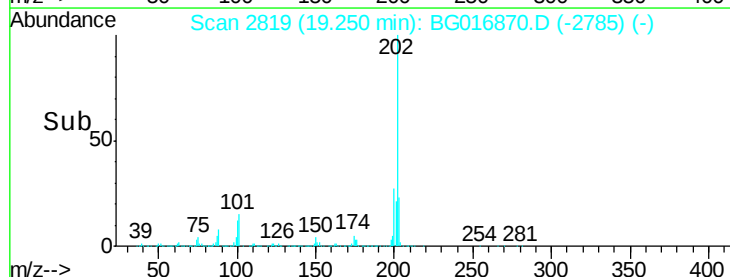
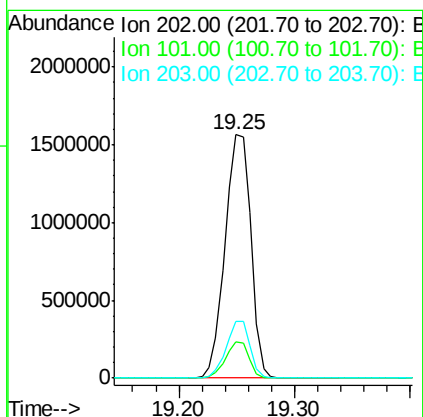
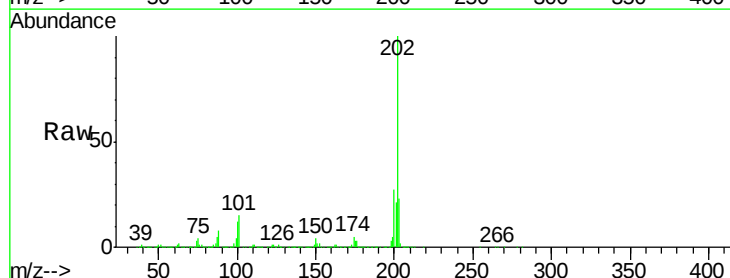
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

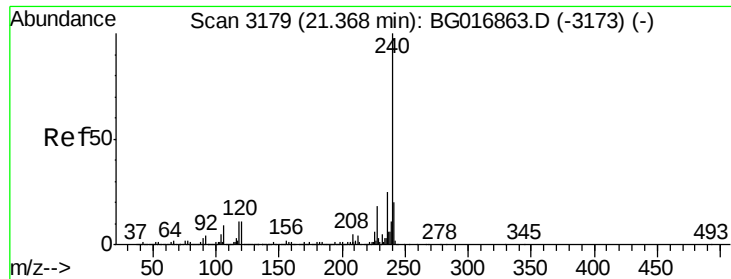
Tgt Ion:149 Resp: 1924371
Ion Ratio Lower Upper
149 100
150 11.1 7.7 11.5
104 7.7 5.4 8.0



#74
Fluoranthene
Concen: 92.50 ng
RT: 19.25 min Scan# 2819
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:202 Resp: 2426127
Ion Ratio Lower Upper
202 100
101 15.0 0.0 31.5
203 23.3 0.0 38.1

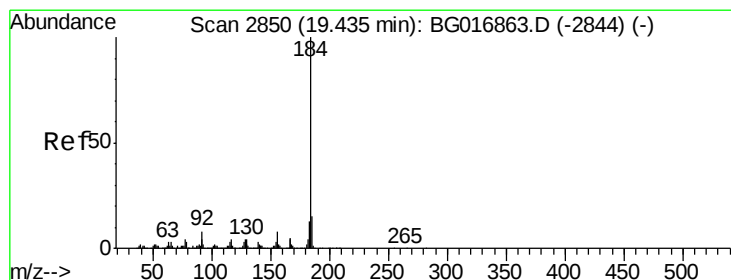
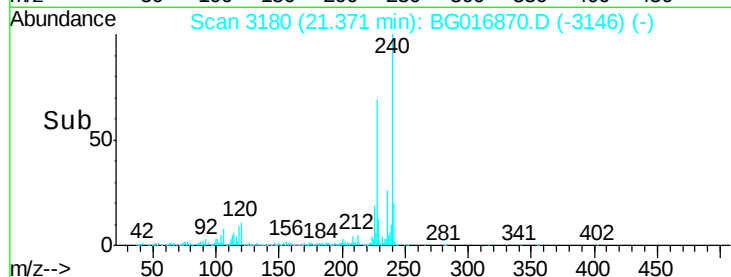
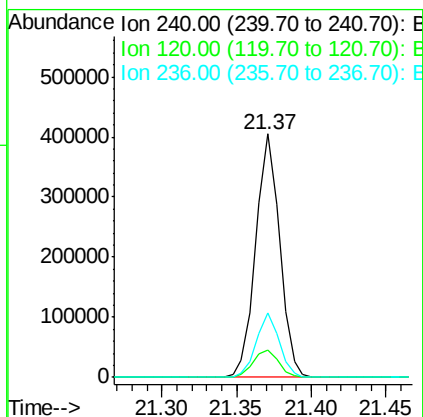
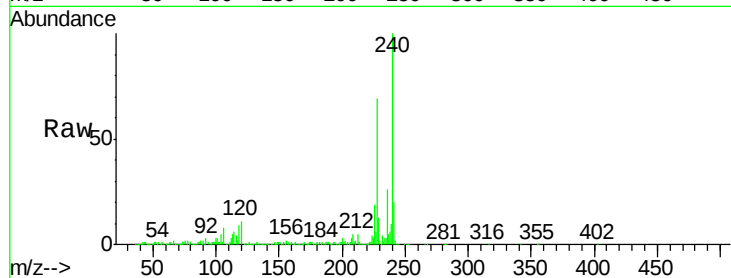




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3180
Delta R.T. 0.00 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

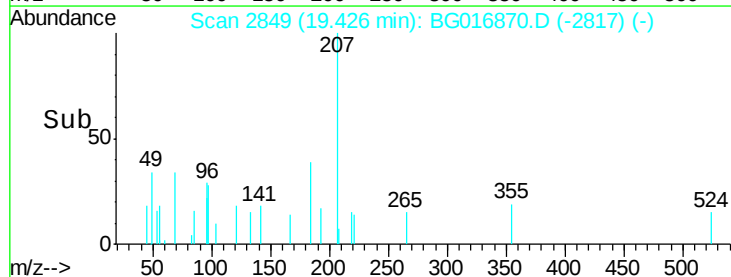
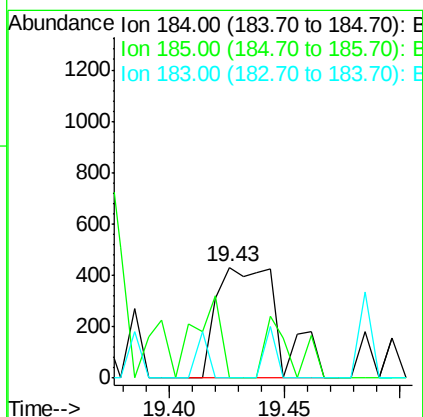
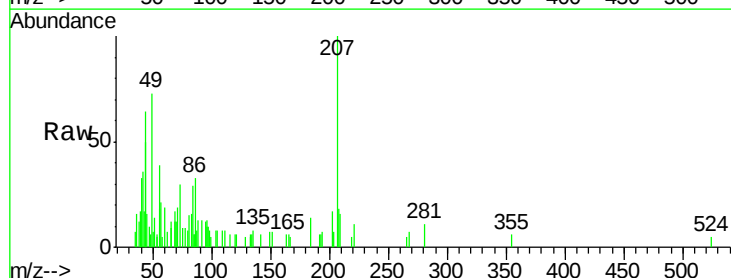
Instrument :
BNA_F
ClientSampleId :
PT-BNA-SOIL

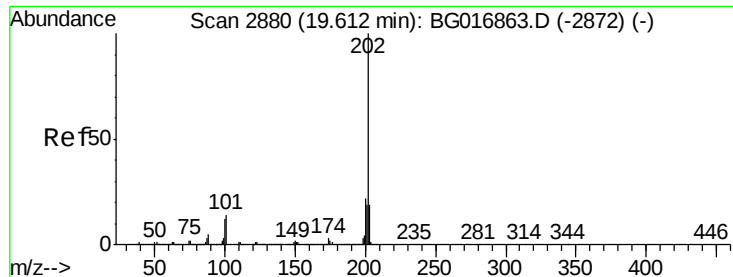
Tgt Ion:240 Resp: 447786
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 26.4 20.2 30.4



#76
Benzidine
Concen: 0.05 ng
RT: 19.43 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG016870.D
Acq: 5 May 2015 17:56

Tgt Ion:184 Resp: 818
Ion Ratio Lower Upper
184 100
185 0.0 11.8 17.6#
183 0.0 10.6 15.8#





#77

Pyrene

Concen: 75.97 ng

RT: 19.61 min Scan# 2881

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

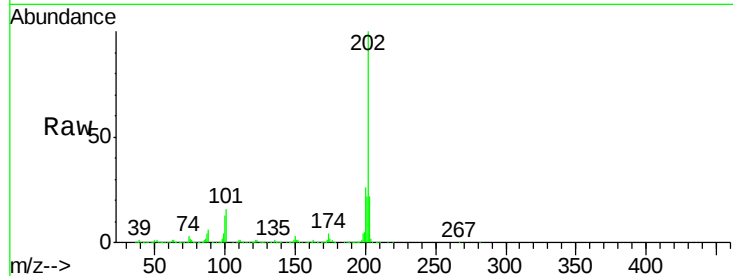
Tgt Ion:202 Resp: 2007688

Ion Ratio Lower Upper

202 100

200 25.5 17.9 26.9

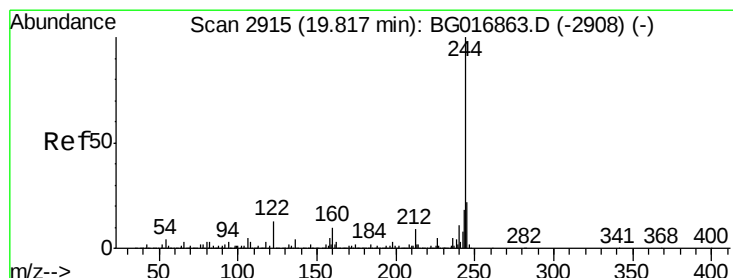
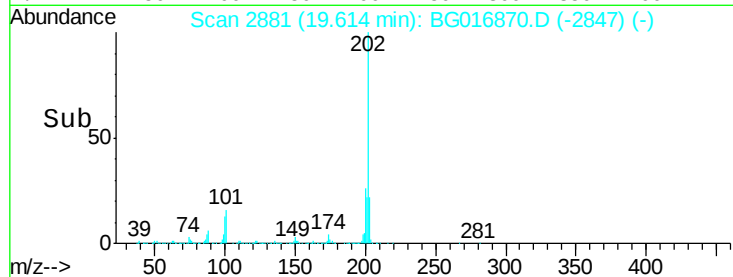
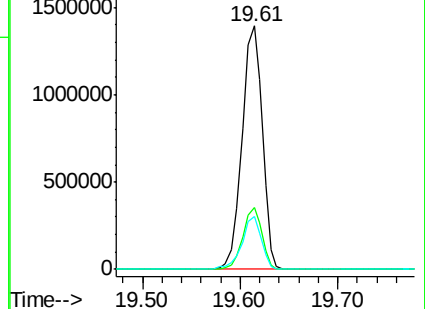
203 21.8 15.2 22.8



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: 77.51 ng

RT: 19.82 min Scan# 2916

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

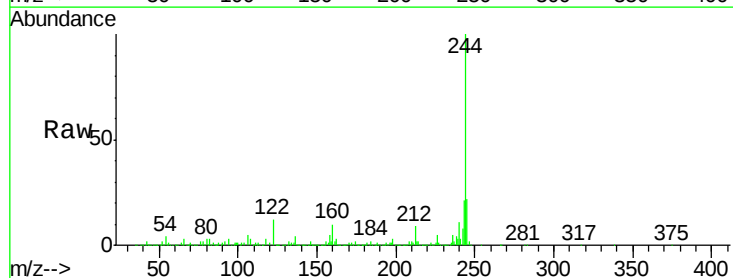
Tgt Ion:244 Resp: 1480486

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

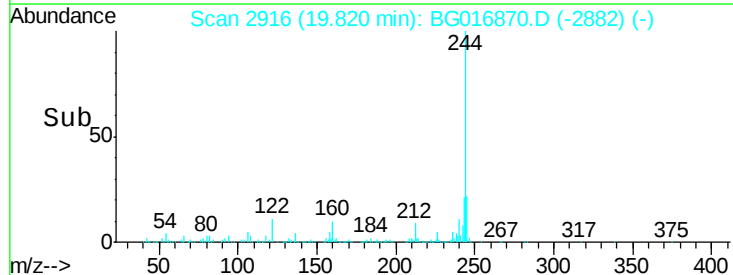
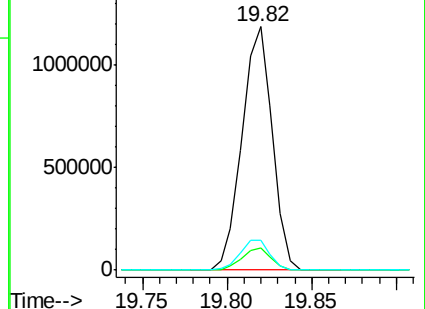
122 12.1 10.4 15.6

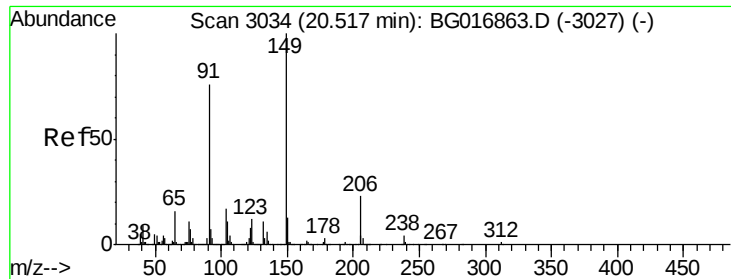


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 140.46 ng

RT: 20.52 min Scan# 3035

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

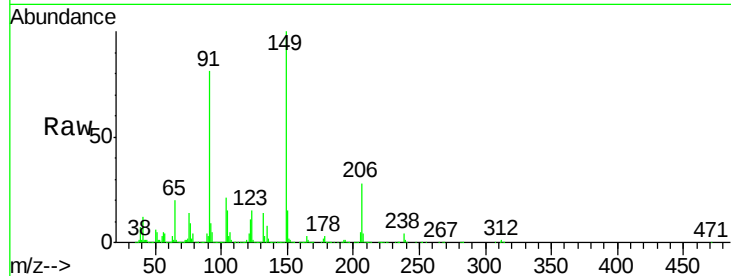
Tgt Ion:149 Resp: 1764338

Ion Ratio Lower Upper

149 100

91 80.7 60.6 91.0

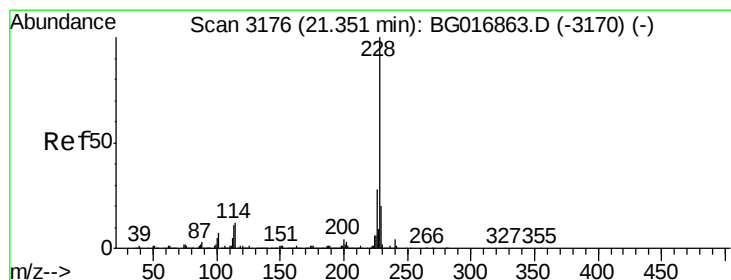
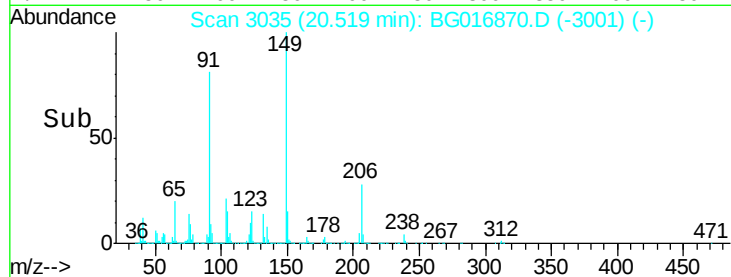
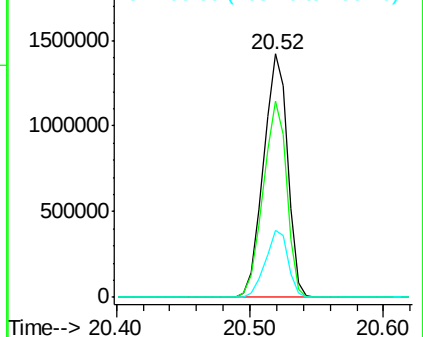
206 27.6 18.4 27.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG016870.D (-3001) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.55 ng

RT: 21.41 min Scan# 3186

Delta R.T. 0.06 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

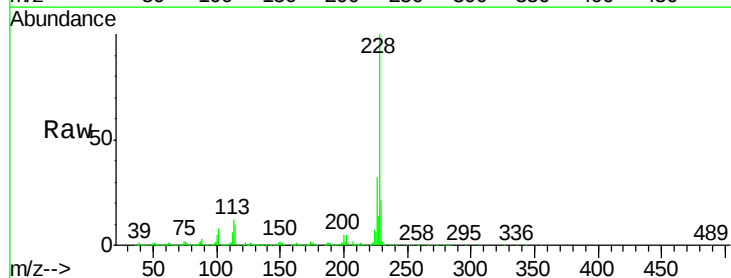
Tgt Ion:228 Resp: 926091

Ion Ratio Lower Upper

228 100

226 31.6 22.7 34.1

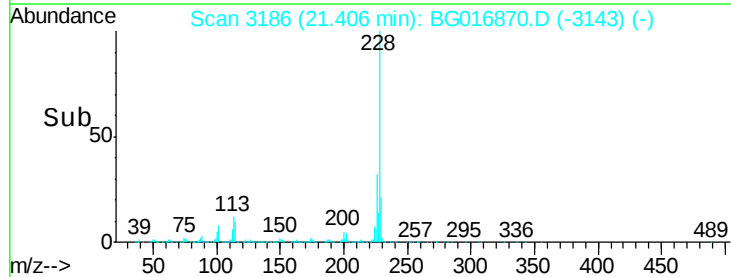
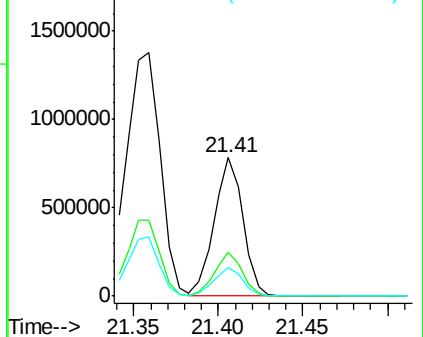
229 20.9 16.1 24.1

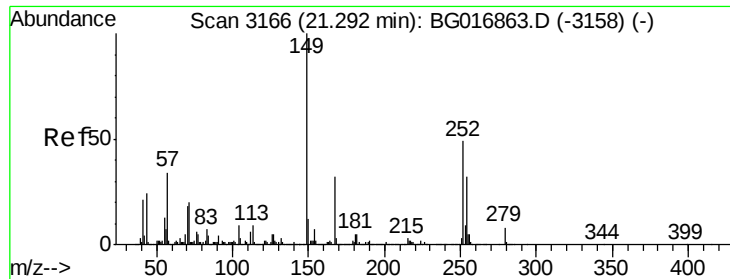


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

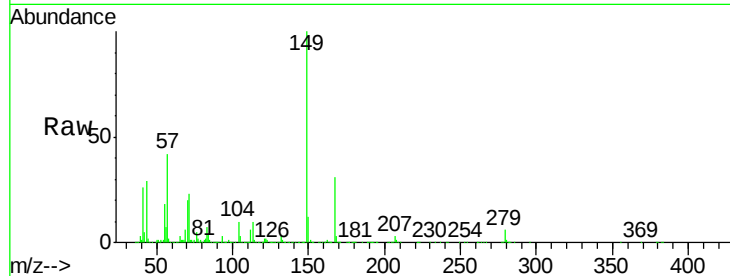




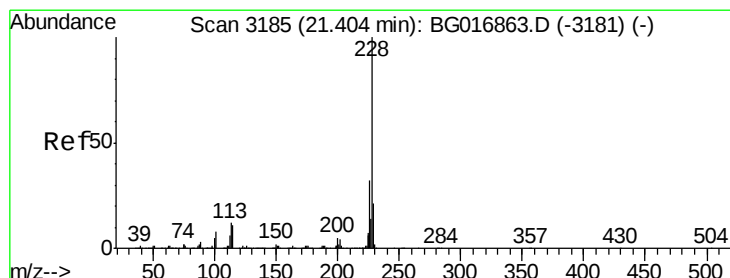
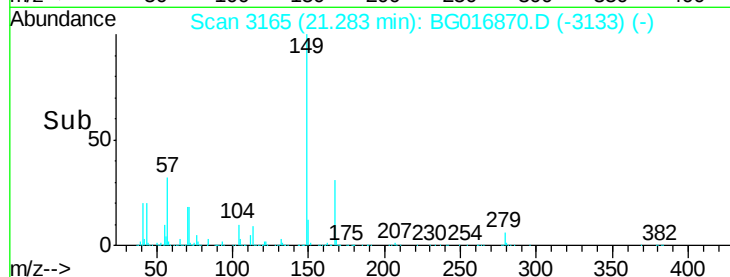
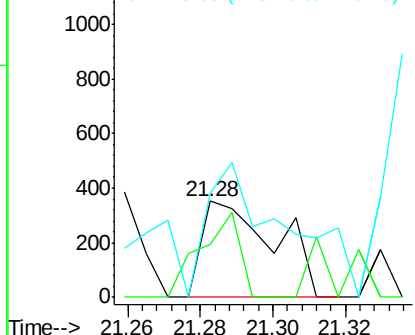
#81
 3,3'-Dichlorobenzidine
 Concen: 0.05 ng
 RT: 21.28 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion: 252 Resp: 486
 Ion Ratio Lower Upper
 252 100
 254 55.4 51.7 77.5
 126 108.2 8.9 13.3#

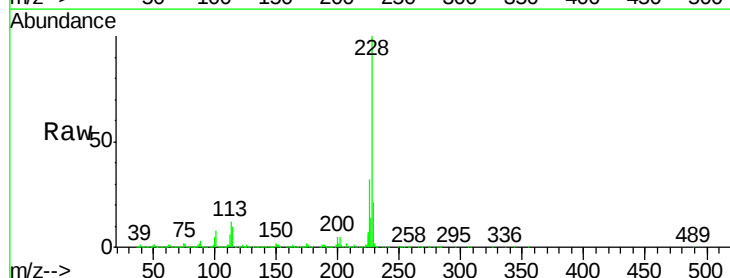


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

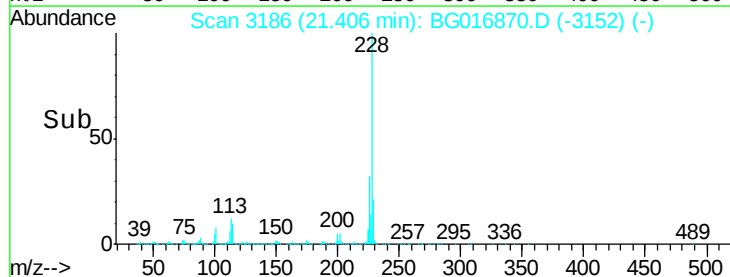
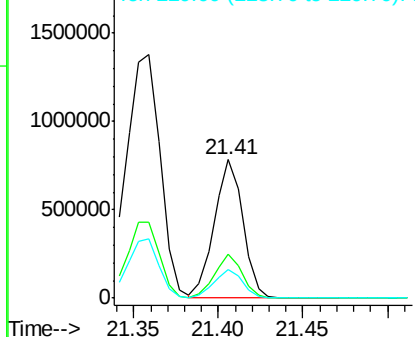


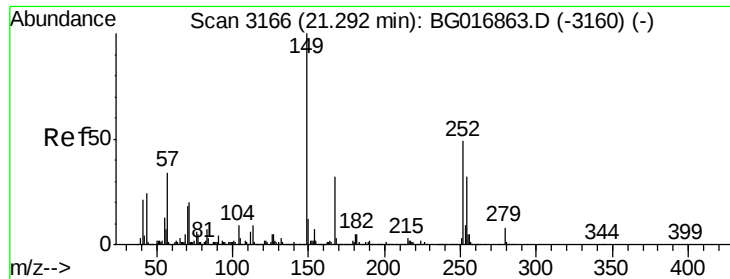
#82
 Chrysene
 Concen: 41.16 ng
 RT: 21.41 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion: 228 Resp: 926091
 Ion Ratio Lower Upper
 228 100
 226 31.6 25.4 38.0
 229 20.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

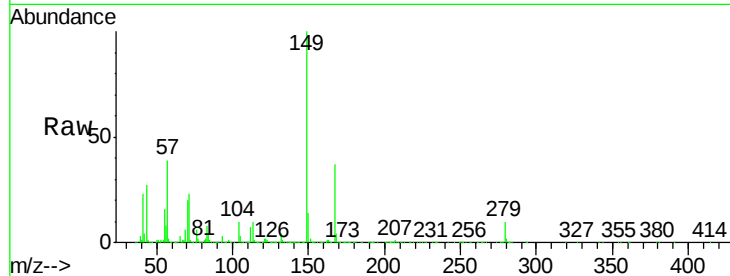




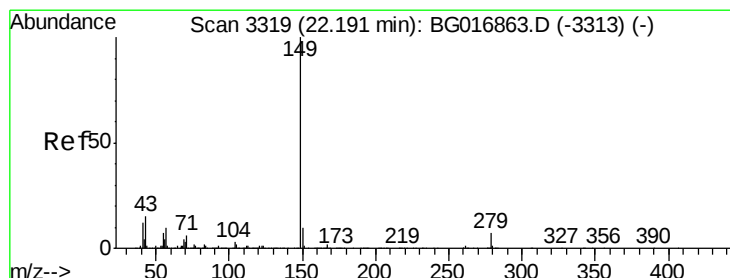
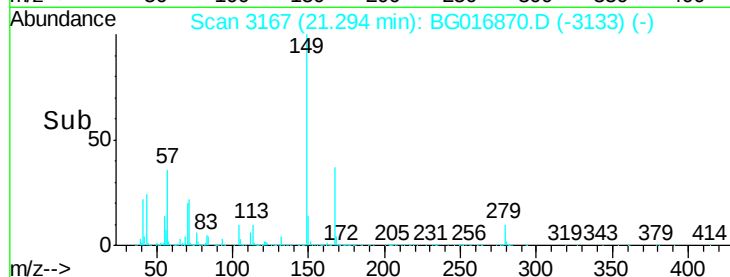
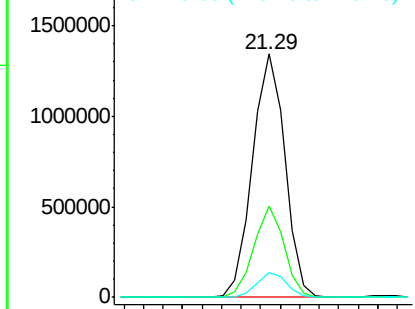
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 89.88 ng
 RT: 21.29 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PT-BNA-SOIL

Tgt Ion:149 Resp: 1544357
 Ion Ratio Lower Upper
 149 100
 167 37.4 25.4 38.0
 279 10.1 6.4 9.6#

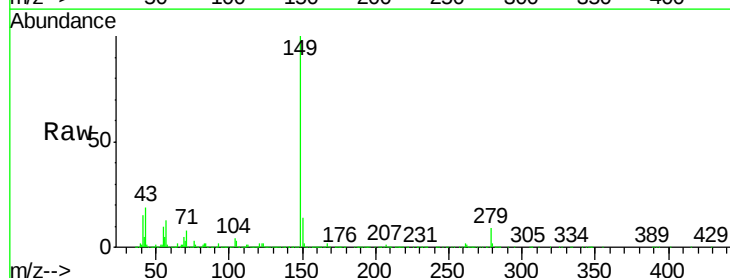


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

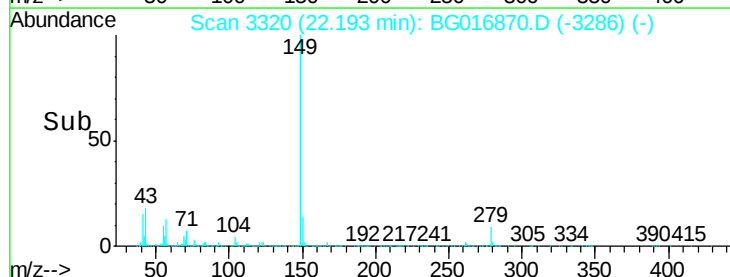
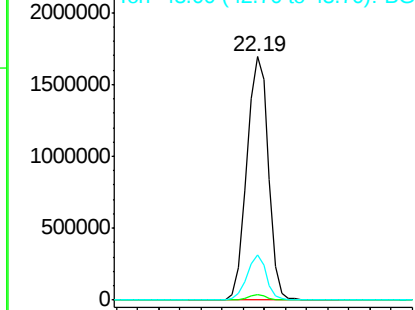


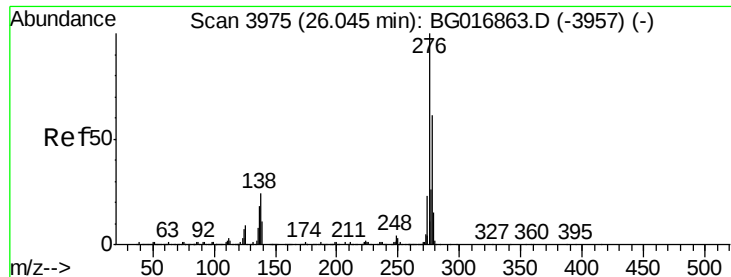
#84
 Di-n-octyl phthalate
 Concen: 83.27 ng
 RT: 22.19 min Scan# 3320
 Delta R.T. 0.00 min
 Lab File: BG016870.D
 Acq: 5 May 2015 17:56

Tgt Ion:149 Resp: 2403387
 Ion Ratio Lower Upper
 149 100
 167 2.0 0.0 0.0#
 43 16.5 0.0 0.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.22 ng

RT: 26.02 min Scan# 3971

Delta R.T. -0.03 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

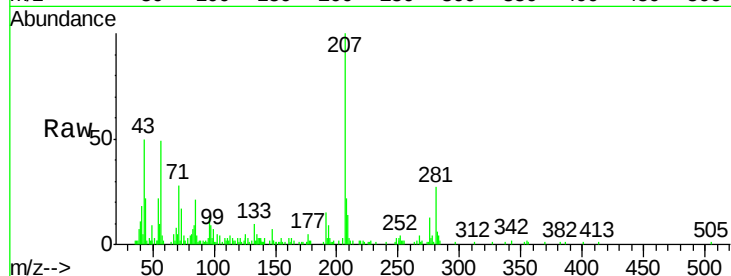
Tgt Ion: 276 Resp: 5995

Ion Ratio Lower Upper

276 100

138 23.2 0.0 0.0#

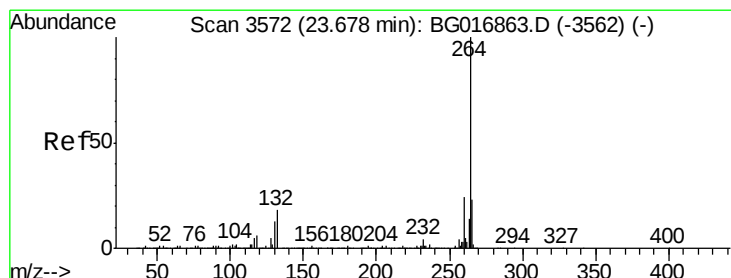
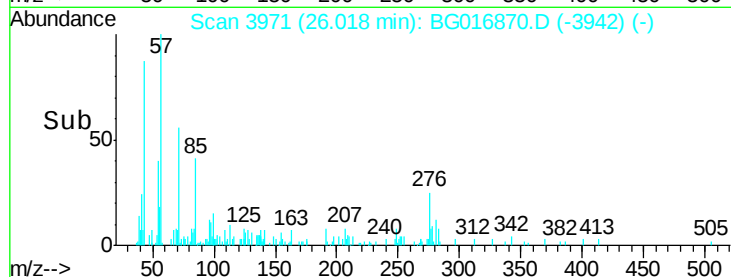
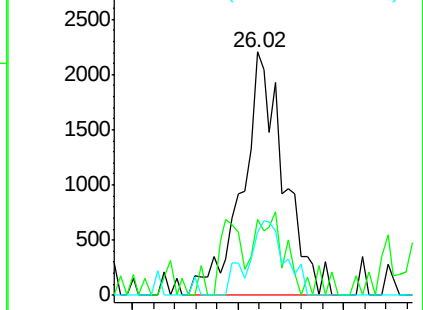
277 27.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.67 min Scan# 3572

Delta R.T. -0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

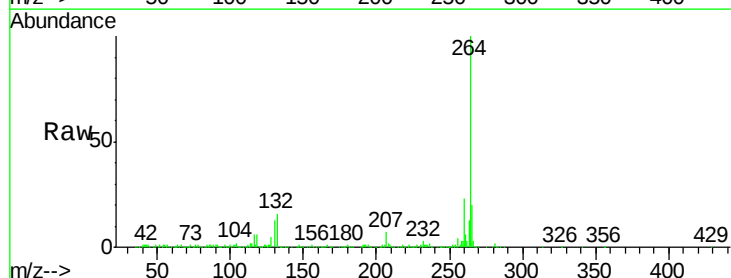
Tgt Ion: 264 Resp: 423701

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

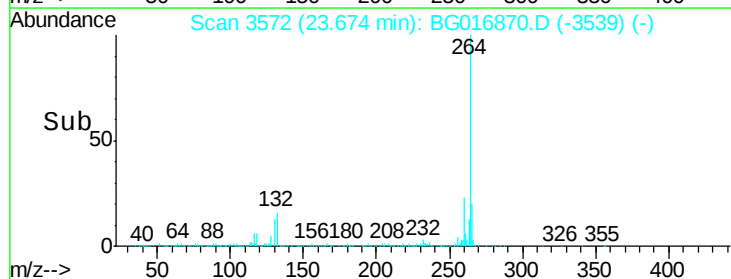
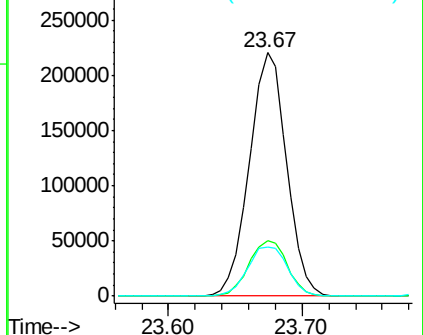
265 20.1 18.5 27.7

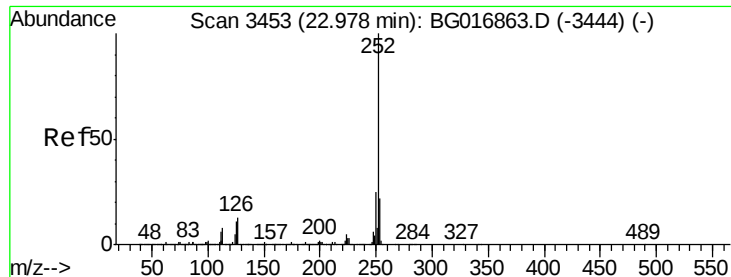


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 152.79 ng

RT: 23.04 min Scan# 3464

Delta R.T. 0.06 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

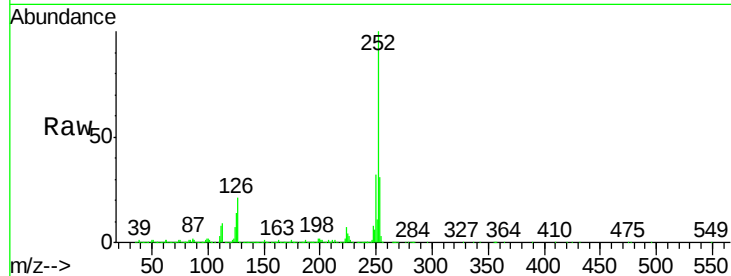
Tgt Ion:252 Resp: 3606363

Ion Ratio Lower Upper

252 100

253 31.1 17.4 26.0#

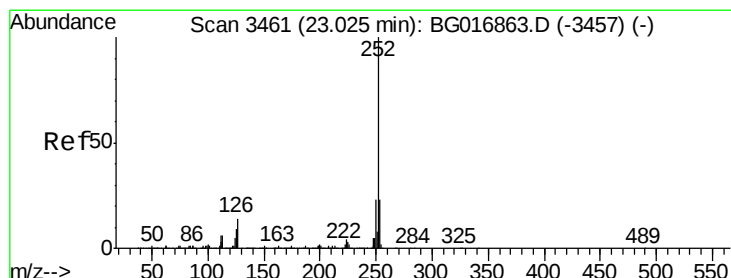
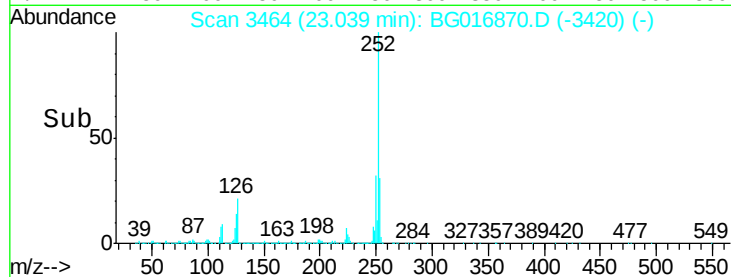
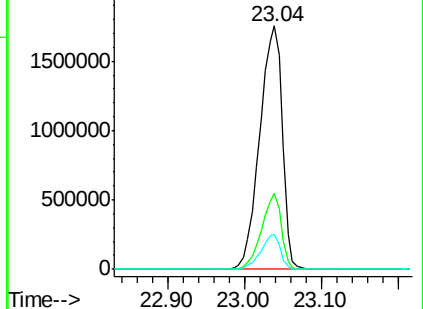
125 14.4 8.6 13.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 158.82 ng

RT: 23.04 min Scan# 3464

Delta R.T. 0.01 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

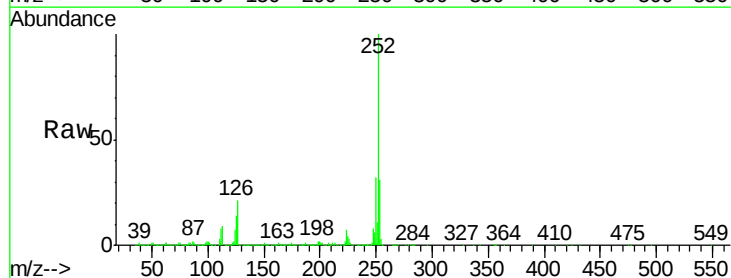
Tgt Ion:252 Resp: 3606363

Ion Ratio Lower Upper

252 100

253 31.1 18.4 27.6#

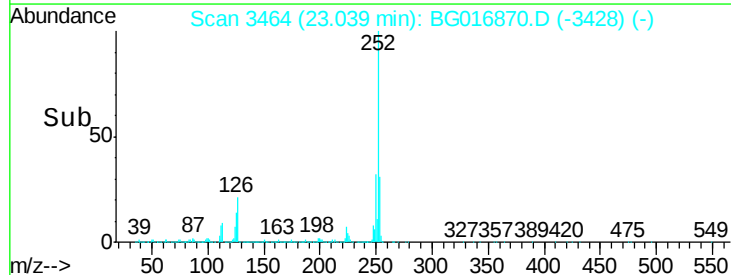
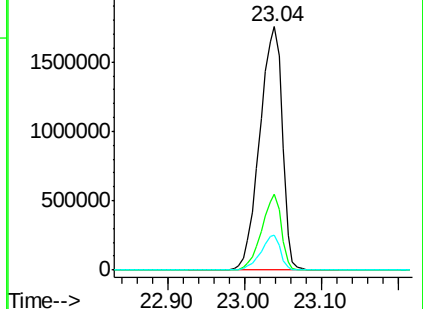
125 14.4 7.9 11.9#

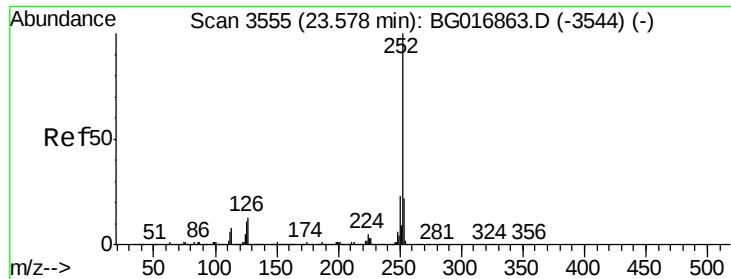


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 49.66 ng

RT: 23.58 min Scan# 3556

Delta R.T. 0.00 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

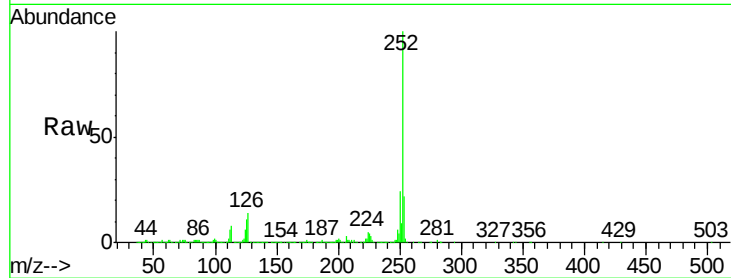
Tgt Ion:252 Resp: 1092983

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

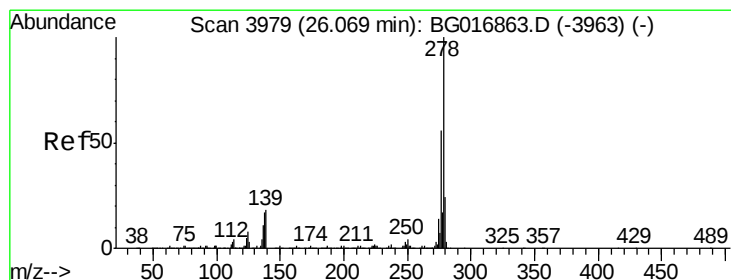
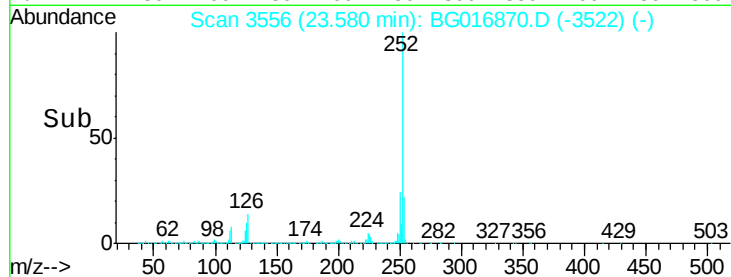
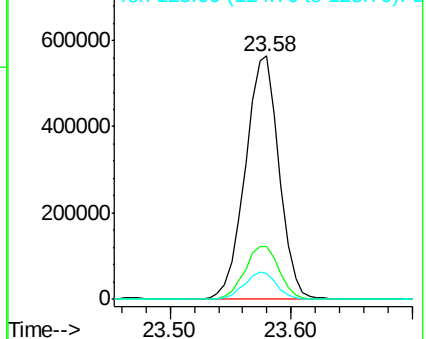
125 10.5 8.5 12.7



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: 0.13 ng

RT: 26.04 min Scan# 3975

Delta R.T. -0.03 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

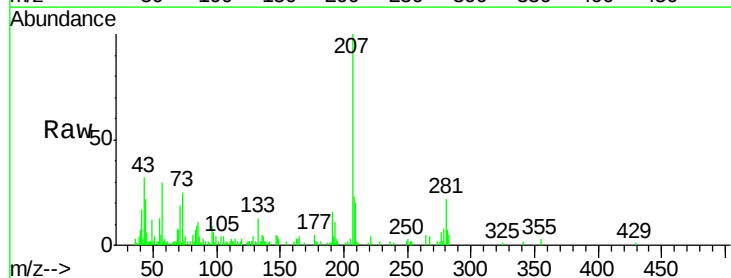
Tgt Ion:278 Resp: 3033

Ion Ratio Lower Upper

278 100

139 28.9 14.2 21.2#

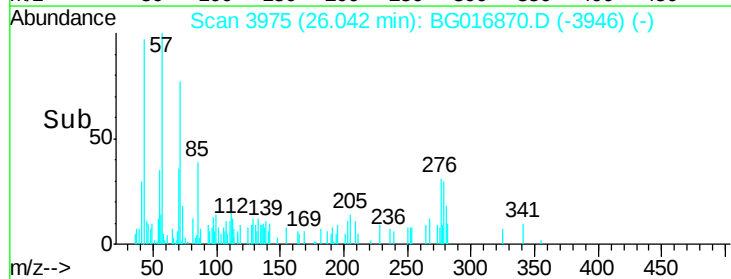
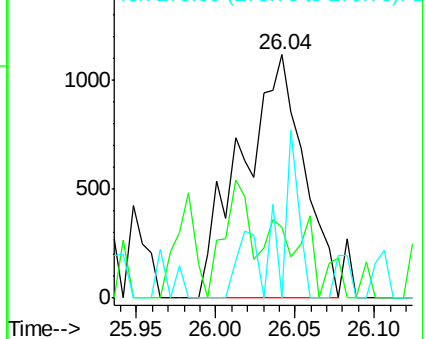
279 0.0 18.9 28.3#

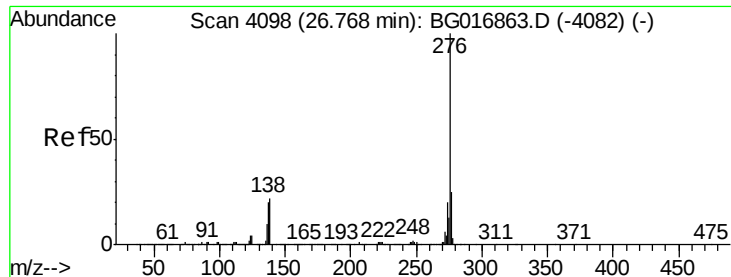


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.27 ng

RT: 26.75 min Scan# 4096

Delta R.T. -0.02 min

Lab File: BG016870.D

Acq: 5 May 2015 17:56

Instrument :

BNA_F

ClientSampleId :

PT-BNA-SOIL

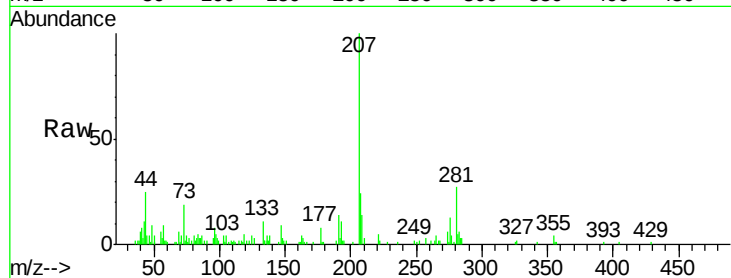
Tgt Ion: 276 Resp: 5779

Ion Ratio Lower Upper

276 100

277 33.4 19.6 29.4#

138 29.4 17.5 26.3#



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

