

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
 Data File : BG033183.D
 Acq On : 15 Mar 2018 19:09
 Operator : SJ/JU
 Sample : J1913-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

Quant Time: Mar 16 04:52:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	33069	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	156884	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	98820	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	227456	20.00	ng	0.00
75) Chrysene-d12	22.60	240	224375	20.00	ng	0.00
86) Perylene-d12	26.40	264	250261	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.32	112	305544	147.82	ng	0.00
7) Phenol-d6	8.01	99	378999	131.55	ng	0.00
23) Nitrobenzene-d5	10.10	82	280886	119.67	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	225115	216.65	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	665957	97.19	ng	0.00
78) Terphenyl-d14	20.76	244	1065231	106.66	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.96	88	32088	35.770	ng	# 89
3) Pyridine	4.43	79	69998	28.310	ng	91
4) n-Nitrosodimethylamine	4.32	42	58850	59.367	ng	# 76
6) Aniline	8.19	93	30230	7.751	ng	98
8) 2-Chlorophenol	8.45	128	123184	54.447	ng	98
9) Benzaldehyde	7.99	77	52837	31.820	ng	94
10) Phenol	8.03	94	137963	47.503	ng	99
11) bis(2-Chloroethyl)ether	8.28	93	107240	45.156	ng	98
12) 1,3-Dichlorobenzene	8.78	146	118418	44.687	ng	98
13) 1,4-Dichlorobenzene	8.93	146	118234	44.326	ng	99
14) 1,2-Dichlorobenzene	9.26	146	117753	46.068	ng	97
15) Benzyl Alcohol	9.13	79	114931	54.262	ng	92
16) 2,2'-oxybis(1-Chloropropan	9.41	45	194949	47.751	ng	99
17) 2-Methylphenol	9.33	107	103948	48.536	ng	98
18) Hexachloroethane	10.02	117	44907	49.447	ng	89
19) n-Nitroso-di-n-propylamine	9.71	70	98940	48.643	ng	# 87
20) 3+4-Methylphenols	9.67	107	153103	51.414	ng	95
22) Acetophenone	9.74	105	183376	46.283	ng	# 99
24) Nitrobenzene	10.14	77	142419	55.738	ng	95
25) Isophorone	10.67	82	289552	52.583	ng	# 94
26) 2-Nitrophenol	10.87	139	71534	69.762	ng	98
27) 2,4-Dimethylphenol	10.90	122	141337	59.085	ng	95
28) bis(2-Chloroethoxy)methane	11.14	93	159681	49.778	ng	95
29) 2,4-Dichlorophenol	11.41	162	134865	62.119	ng	92
30) 1,2,4-Trichlorobenzene	11.64	180	118500	46.563	ng	98
31) Naphthalene	11.84	128	394313	48.100	ng	98
32) Benzoic acid	10.90	122	141337	75.971	ng	# 7
33) 4-Chloroaniline	11.93	127	29847	8.143	ng	98
34) Hexachlorobutadiene	12.09	225	70173	49.158	ng	96
35) Caprolactam	12.68	113	34655	39.865	ng	96
36) 4-Chloro-3-methylphenol	12.99	107	158656	62.797	ng	97
37) 2-Methylnaphthalene	13.39	142	299779	50.545	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	141977	48.398	ng	# 98
40) Hexachlorocyclopentadiene	13.71	237	147546	98.692	ng	91

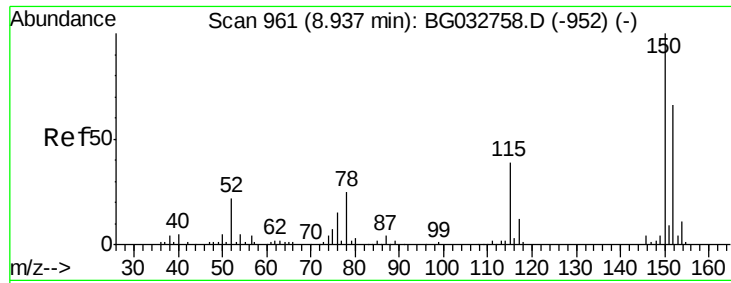
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	107576	58.150	ng	98
43) 2,4,5-Trichlorophenol	14.04	196	122284	57.112	ng	97
45) 1,1'-Biphenyl	14.36	154	385048	44.590	ng	97
46) 2-Chloronaphthalene	14.41	162	293342	45.475	ng	94
47) 2-Nitroaniline	14.60	65	110692	63.936	ng	94
48) Acenaphthylene	15.25	152	492912	46.673	ng	99
49) Dimethylphthalate	14.94	163	402324	47.949	ng	100
50) 2,6-Dinitrotoluene	15.08	165	90553	62.013	ng	92
51) Acenaphthene	15.58	154	301253	45.803	ng	98
52) 3-Nitroaniline	15.41	138	27495	21.031	ng	# 88
53) 2,4-Dinitrophenol	15.61	184	8075	26.356	ng	# 1
54) Dibenzofuran	15.91	168	468266	50.001	ng	93
55) 4-Nitrophenol	15.69	139	133878	95.891	ng	92
56) 2,4-Dinitrotoluene	15.85	165	126343	69.204	ng	91
57) Fluorene	16.55	166	377196	48.798	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.12	232	113003	67.977	ng	96
59) Diethylphthalate	16.28	149	428091	48.372	ng	99
60) 4-Chlorophenyl-phenylether	16.53	204	197676	52.277	ng	92
61) 4-Nitroaniline	16.56	138	72921	41.012	ng	95
62) Azobenzene	16.82	77	373999	47.238	ng	97
64) 4,6-Dinitro-2-methylphenol	16.61	198	15019	28.319	ng	93
65) n-Nitrosodiphenylamine	16.74	169	352522	47.642	ng	98
66) 4-Bromophenyl-phenylether	17.42	248	127429	52.983	ng	# 90
67) Hexachlorobenzene	17.55	284	138993	53.477	ng	98
68) Atrazine	17.66	200	125557	51.550	ng	97
69) Pentachlorophenol	17.89	266	143677	87.762	ng	100
70) Phenanthrene	18.29	178	614745	48.444	ng	99
71) Anthracene	18.38	178	624968	49.056	ng	98
72) Carbazole	18.64	167	583418	46.461	ng	# 97
73) Di-n-butylphthalate	19.13	149	708715	46.005	ng	99
74) Fluoranthene	20.24	202	714707	50.987	ng	97
76) Benzidine	20.40	184	51608	6.748	ng	97
77) Pyrene	20.60	202	724794	45.806	ng	99
79) Butylbenzylphthalate	21.46	149	331843	47.302	ng	93
80) Benzo(a)anthracene	22.59	228	706108	49.076	ng	100
81) 3,3'-Dichlorobenzidine	22.47	252	54576	10.242	ng	95
82) Chrysene	22.66	228	659601	47.991	ng	98
83) Bis(2-ethylhexyl)phthalate	22.40	149	459514	44.250	ng	96
84) Di-n-octyl phthalate	23.81	149	794162	50.173	ng	99
85) Indeno(1,2,3-cd)pyrene	30.83	276	863578	53.876	ng	97
87) Benzo(b)fluoranthene	25.18	252	725360	49.020	ng	100
88) Benzo(k)fluoranthene	25.26	252	713292	48.504	ng	97
89) Benzo(a)pyrene	26.23	252	704103	50.028	ng	98
90) Dibenzo(a,h)anthracene	30.91	278	726099	51.254	ng	98
91) Benzo(g,h,i)perylene	32.23	276	715222	51.215	ng	97

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

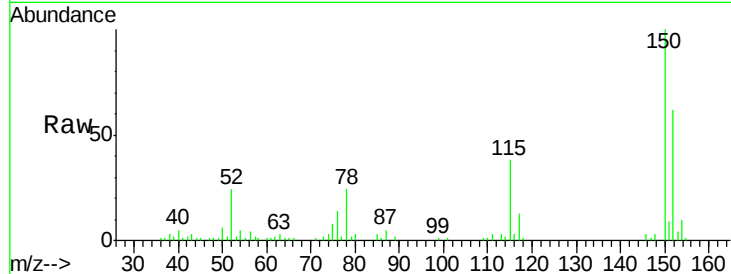


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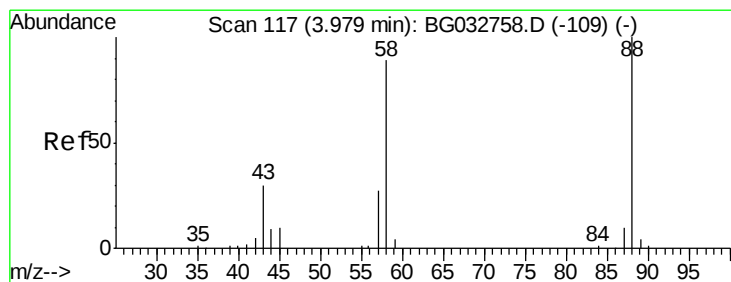
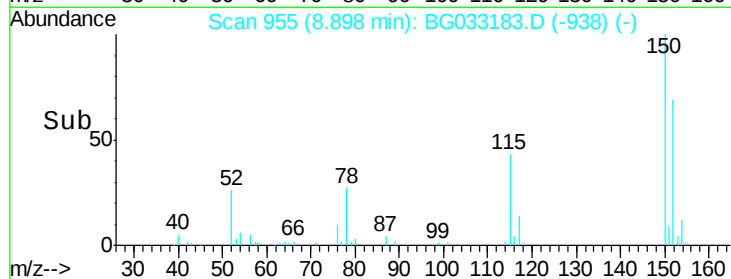
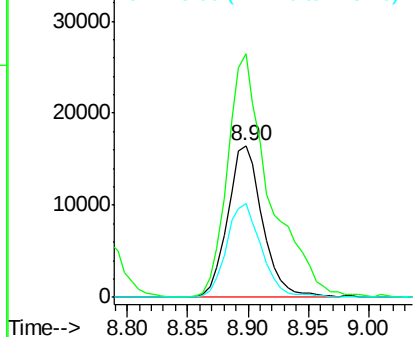
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:152 Resp: 33069
Ion Ratio Lower Upper
152 100
150 160.4 126.6 189.8
115 61.6 53.0 79.4



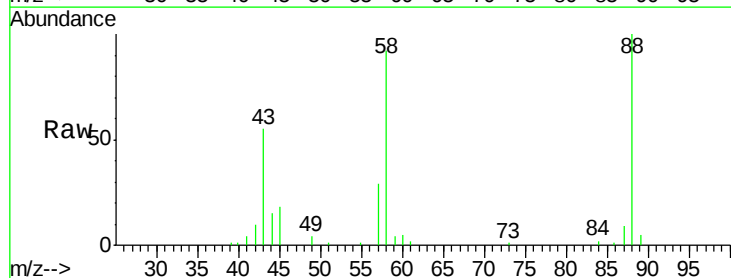
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



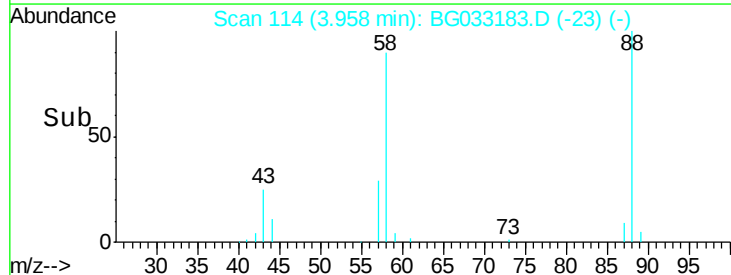
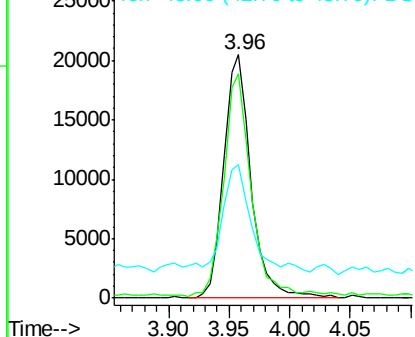
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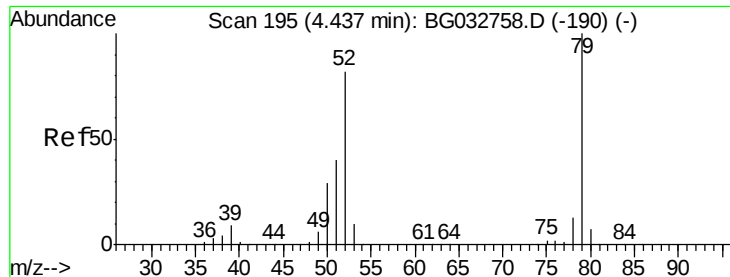
1,4-Dioxane
Concen: 35.770 ng
RT: 3.96 min Scan# 114
Delta R.T. 0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 88 Resp: 32088
Ion Ratio Lower Upper
88 100
58 91.9 79.6 119.4
43 46.7 27.4 41.0#



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

Pvridine

Concen: 28.310 ng

RT: 4.43 min Scan# 194

Delta R.T. 0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

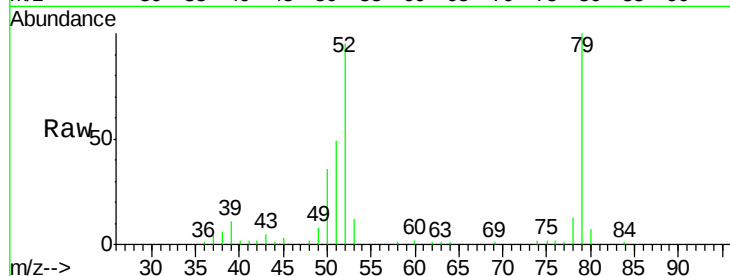
Tot Ion: 79 Resp: 69998

Ion Ratio Lower Upper

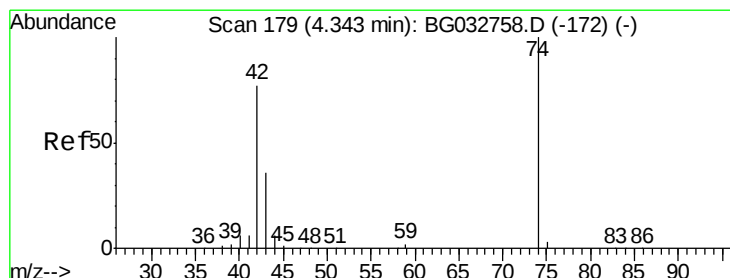
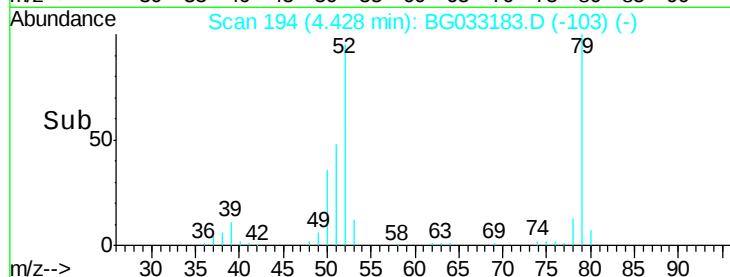
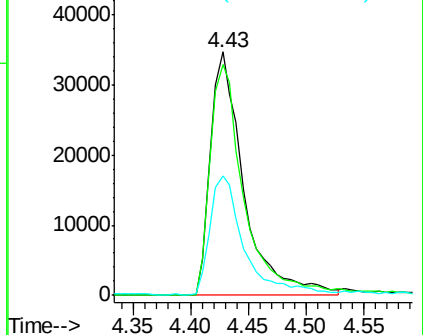
79 100

52 95.0 69.9 104.9

51 49.0 34.0 51.0



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: 59.367 ng

RT: 4.32 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

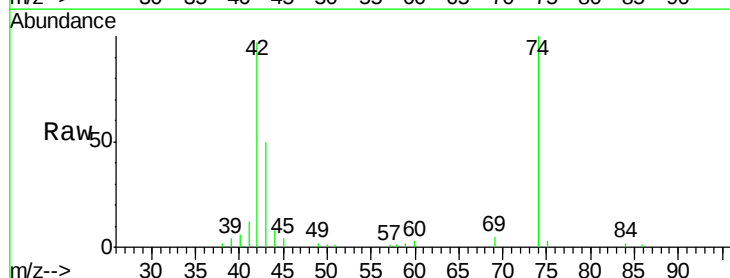
Tgt Ion: 42 Resp: 58850

Ion Ratio Lower Upper

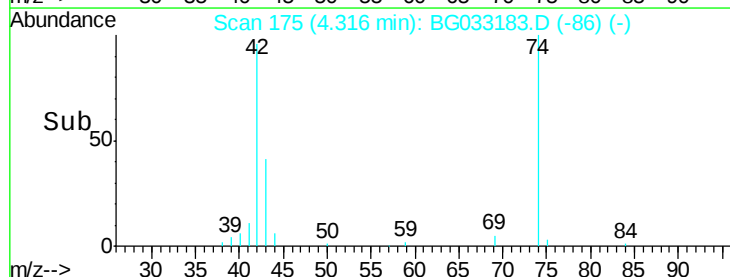
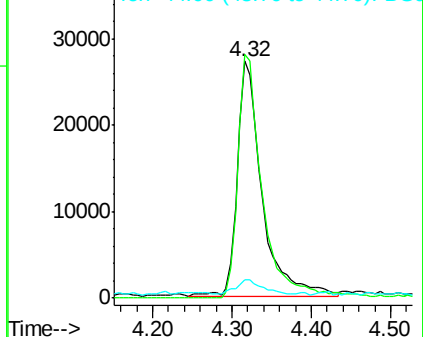
42 100

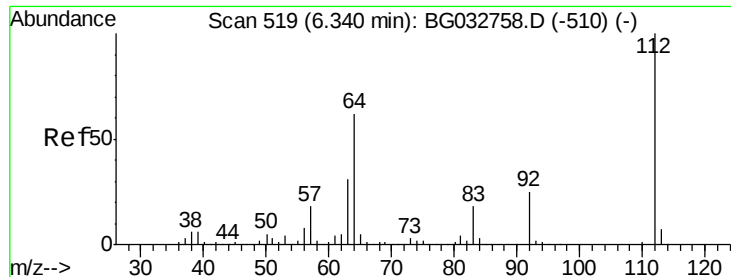
74 102.8 102.5 153.7

44 7.7 18.9 28.3#



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: 147.820 ng

RT: 6.32 min Scan# 516

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

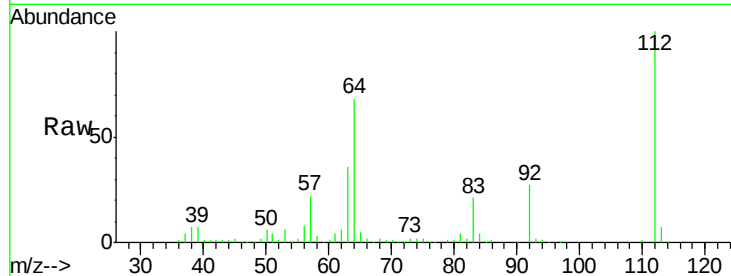
Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

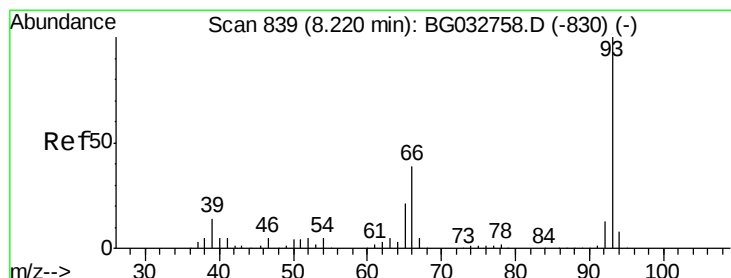
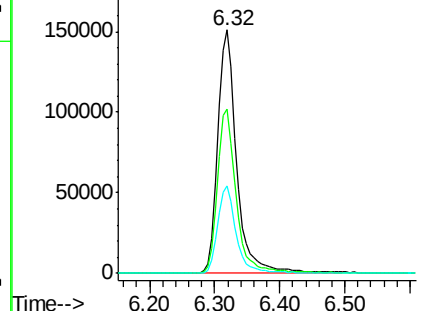
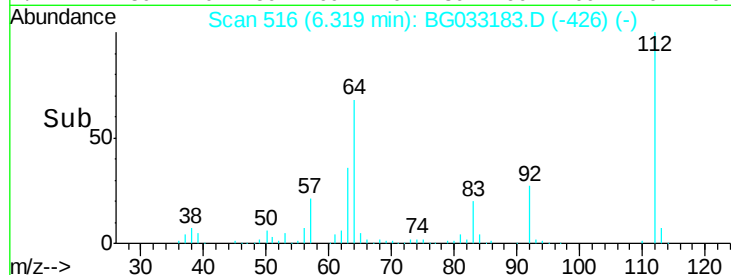
Tot Ion:	112	Resp:	305544
Ion	Ratio	Lower	Upper
112	100		
64	67.6	56.3	84.5
63	36.0	30.1	45.1



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: 7.751 ng

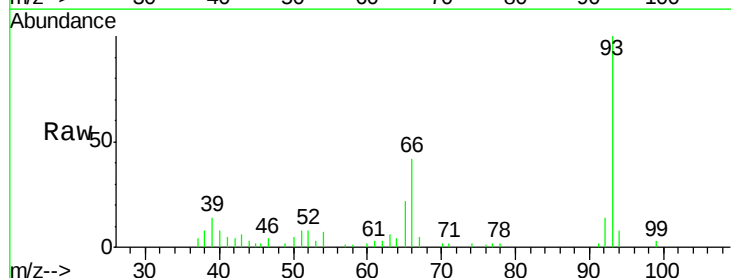
RT: 8.19 min Scan# 835

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

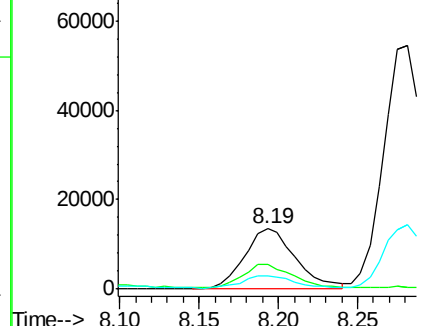
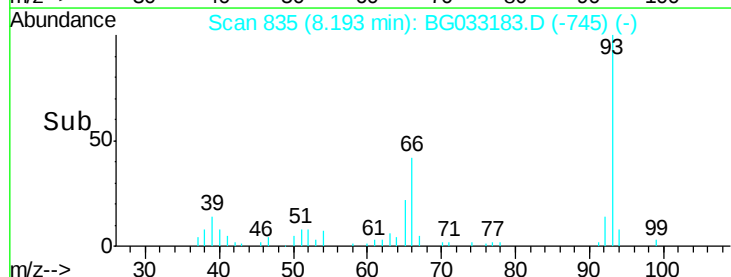
Tgt Ion:	93	Resp:	30230
Ion	Ratio	Lower	Upper
93	100		
66	42.1	33.7	50.5
65	22.2	16.1	24.1

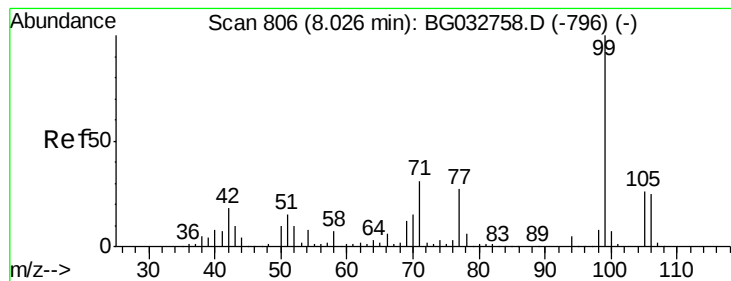


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 131.546 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033183.D

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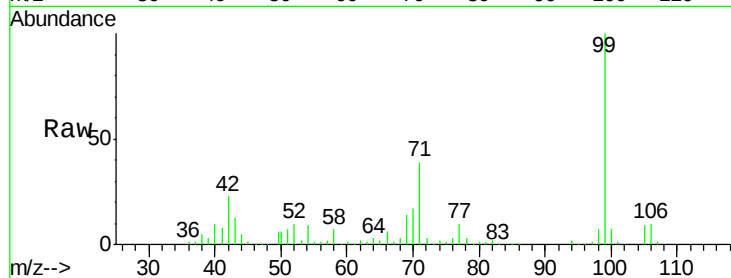
Tot Ion: 99 Resp: 378999

Ion Ratio Lower Upper

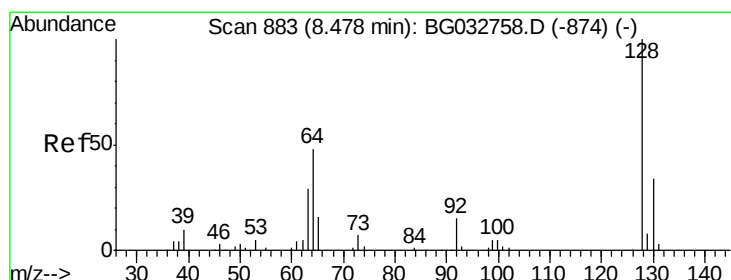
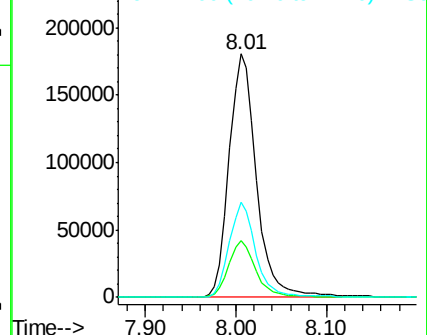
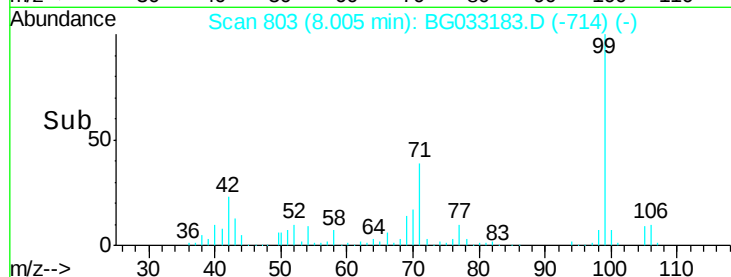
99 100

42 23.2 14.1 21.1#

71 38.9 26.1 39.1



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: 54.447 ng

RT: 8.45 min Scan# 878

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

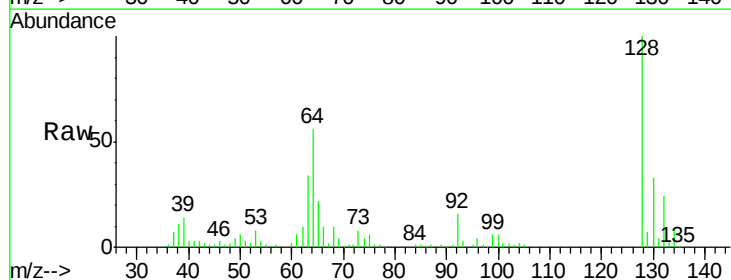
Tgt Ion: 128 Resp: 123184

Ion Ratio Lower Upper

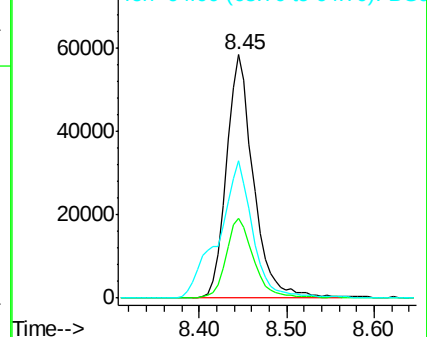
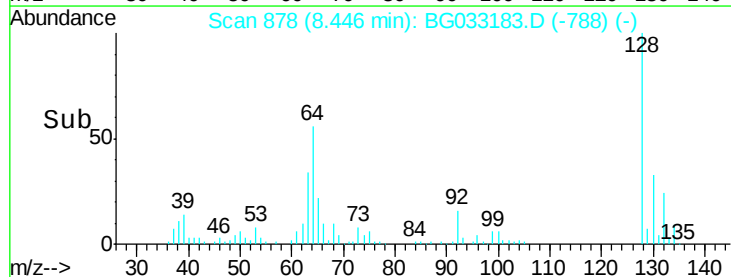
128 100

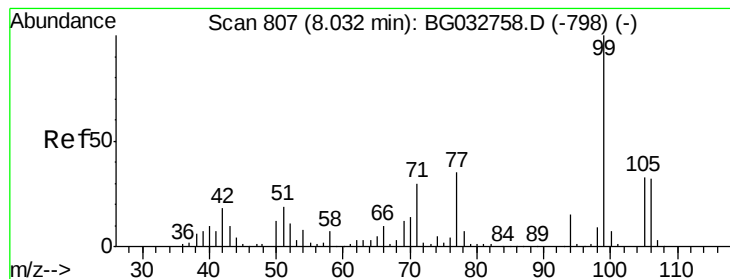
130 32.7 14.0 54.0

64 56.2 37.7 77.7



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: 31.820 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

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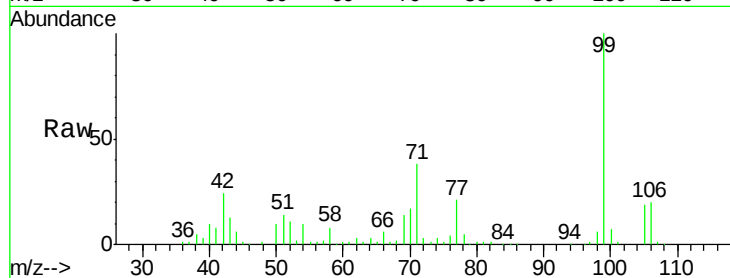
Tot Ion: 77 Resp: 52837

Ion Ratio Lower Upper

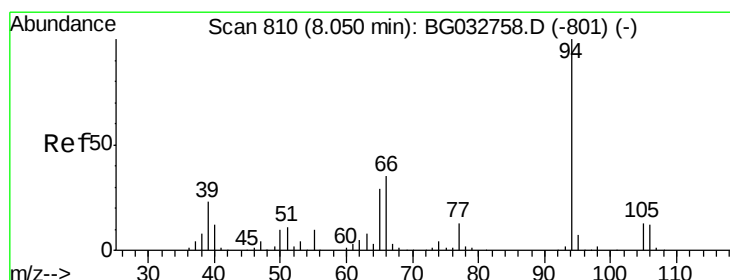
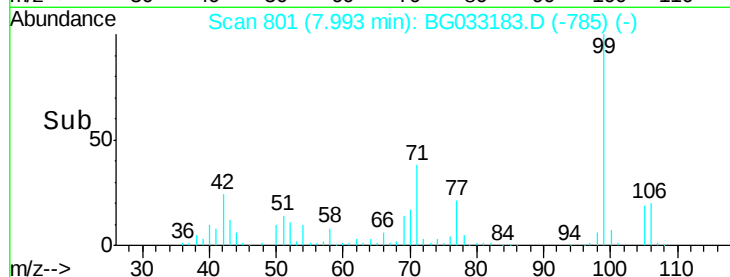
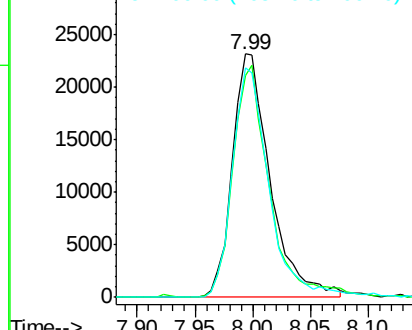
77 100

105 91.1 71.3 111.3

106 94.4 64.2 104.2



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: 47.503 ng

RT: 8.03 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

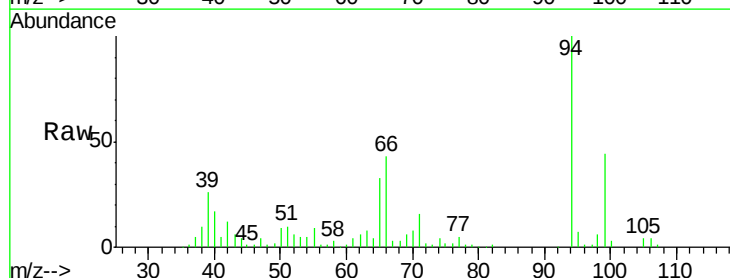
Tgt Ion: 94 Resp: 137963

Ion Ratio Lower Upper

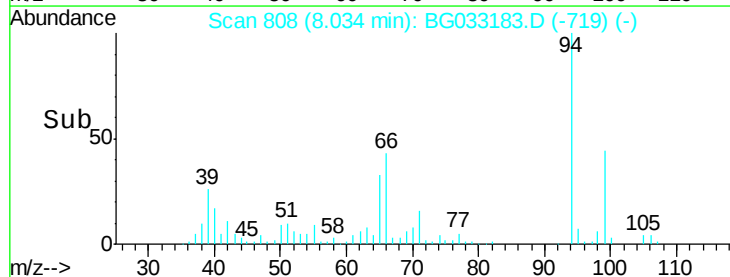
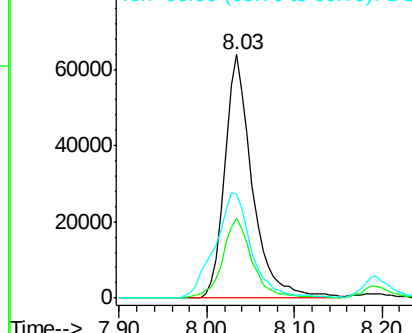
94 100

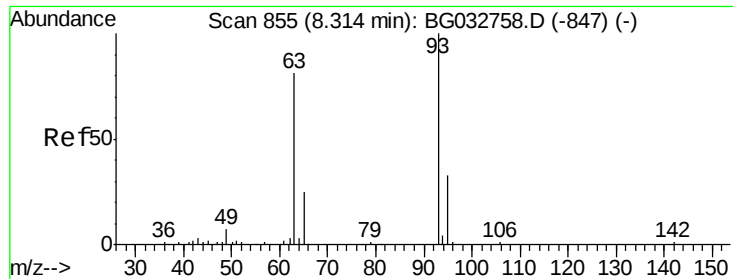
65 32.6 11.9 51.9

66 42.9 22.2 62.2



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

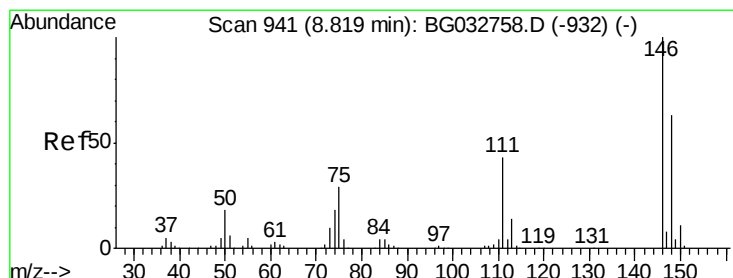
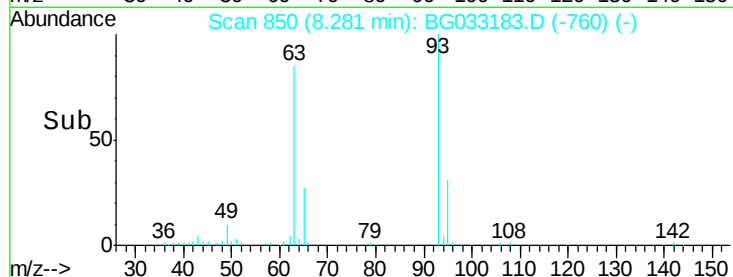
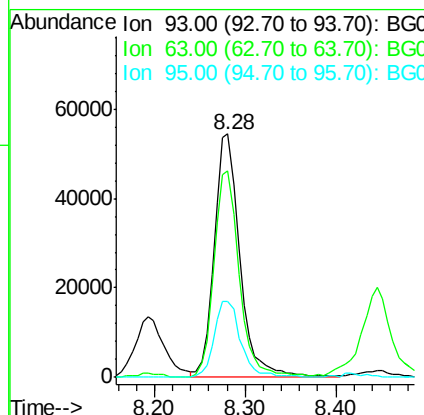
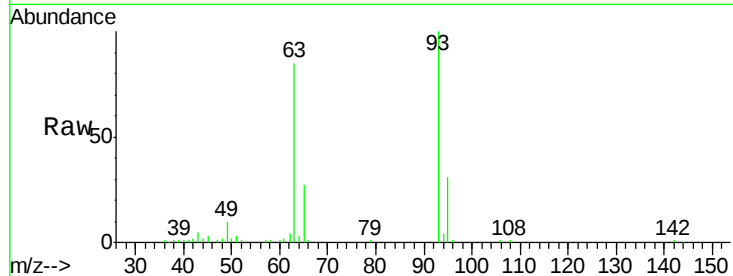




#11
bis(2-Chloroethyl)ether
Concen: 45.156 ng
RT: 8.28 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

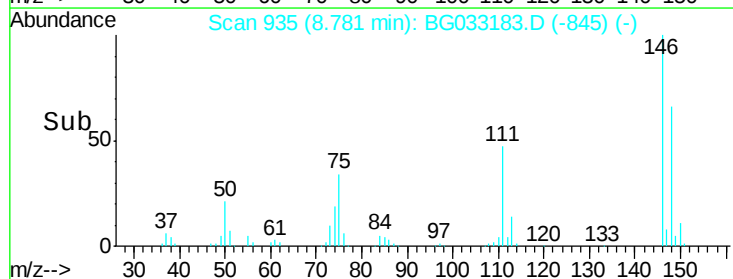
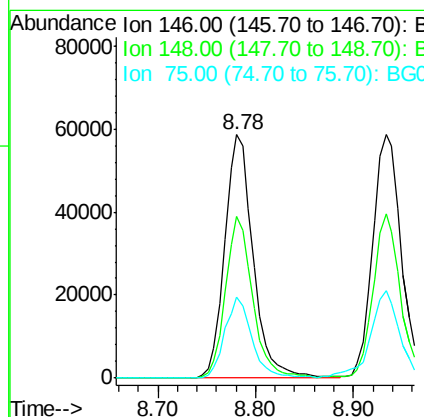
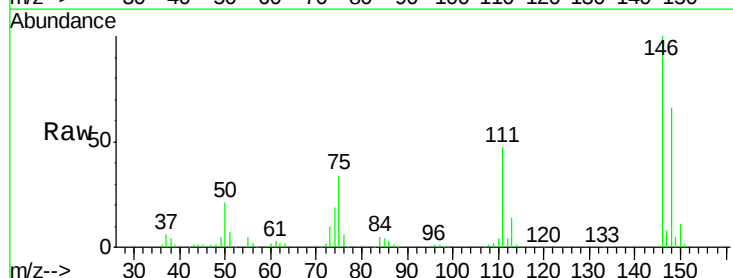
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

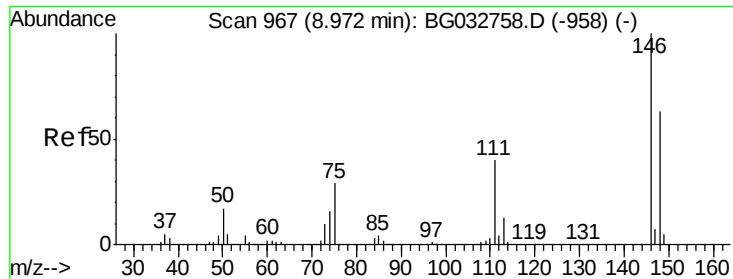
Tot Ion: 93 Resp: 107240
Ion Ratio Lower Upper
93 100
63 84.6 67.1 107.1
95 31.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.687 ng
RT: 8.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 146 Resp: 118418
Ion Ratio Lower Upper
146 100
148 66.4 51.4 77.2
75 33.5 26.6 39.8

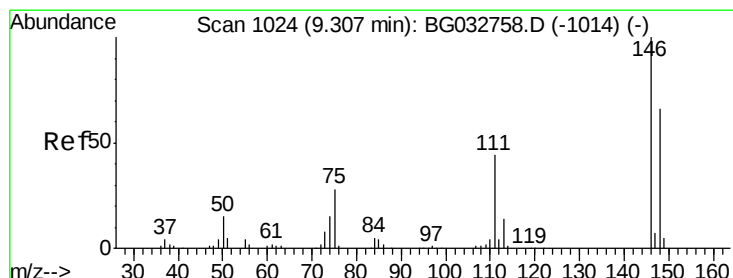
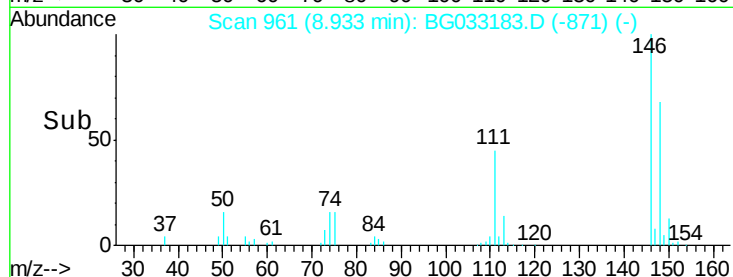
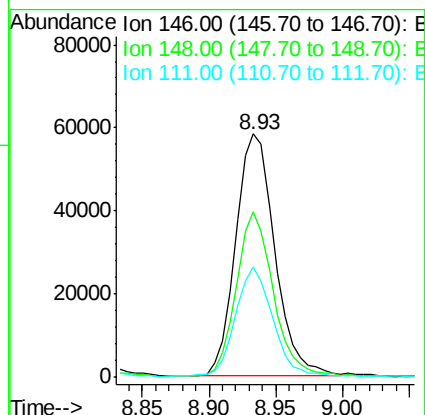
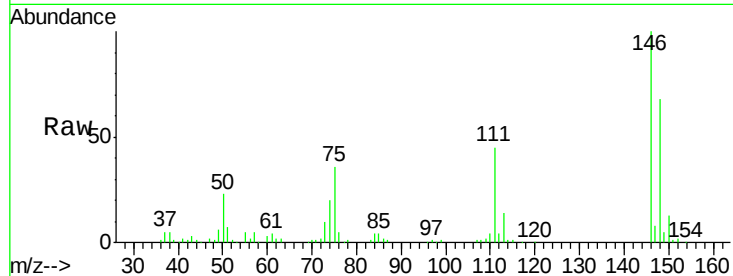




#13
 1,4-Dichlorobenzene
 Concen: 44.326 ng
 RT: 8.93 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

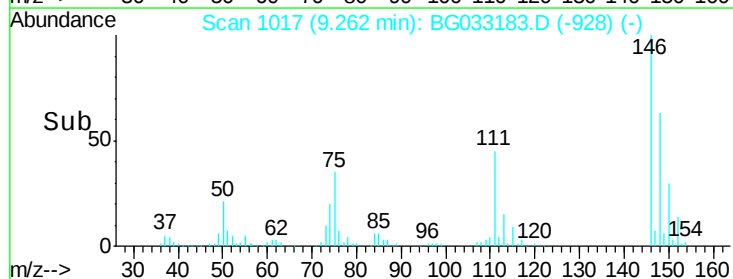
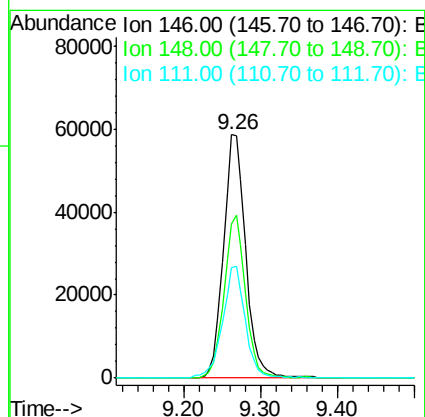
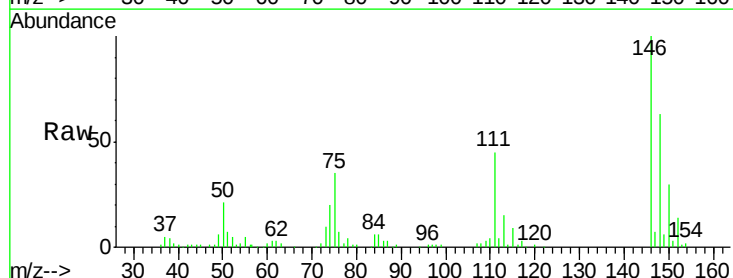
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

Tot Ion:146 Resp: 118234
 Ion Ratio Lower Upper
 146 100
 148 67.8 53.7 80.5
 111 45.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 46.068 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion:146 Resp: 117753
 Ion Ratio Lower Upper
 146 100
 148 63.1 49.3 73.9
 111 45.3 34.3 51.5

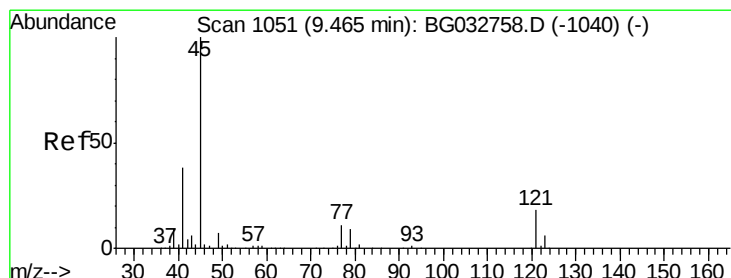
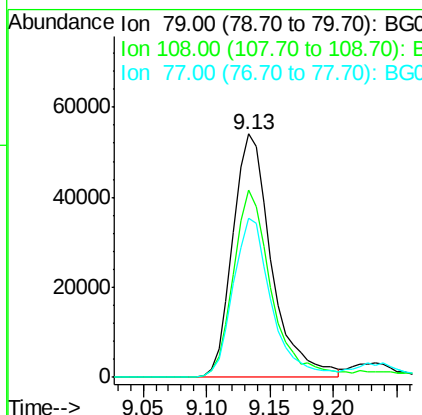
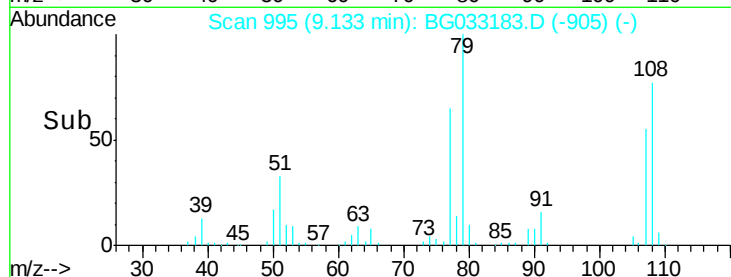
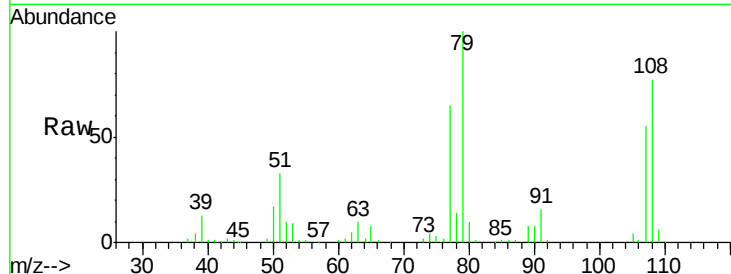




#15
Benzyl Alcohol
Concen: 54.262 ng
RT: 9.13 min Scan# 995
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

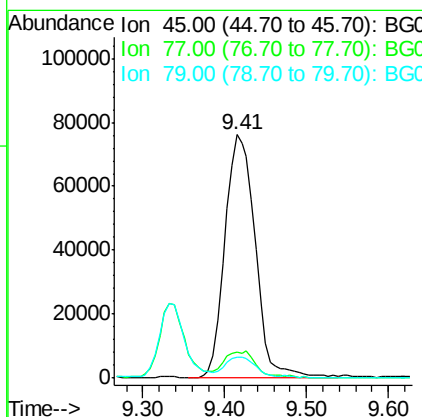
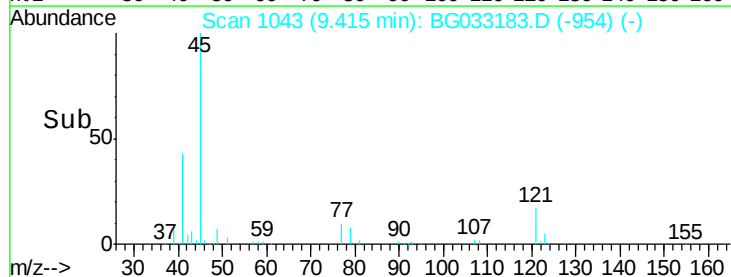
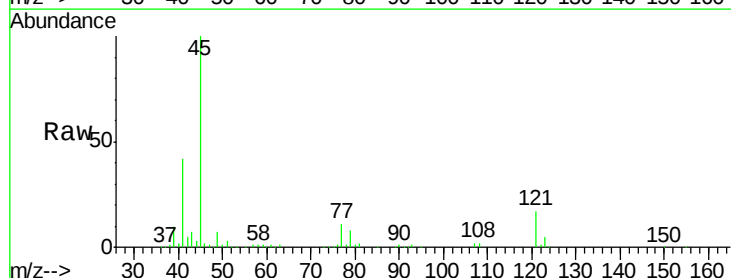
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

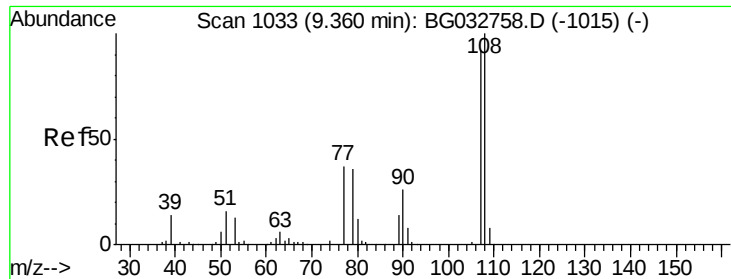
Tot Ion: 79 Resp: 114931
Ion Ratio Lower Upper
79 100
108 76.9 57.2 85.8
77 65.5 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.751 ng
RT: 9.41 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 45 Resp: 194949
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.2
79 8.4 0.0 27.9

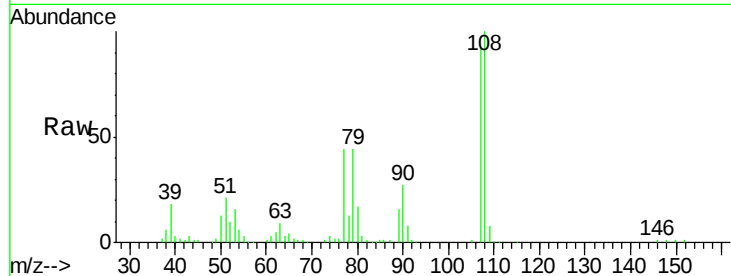




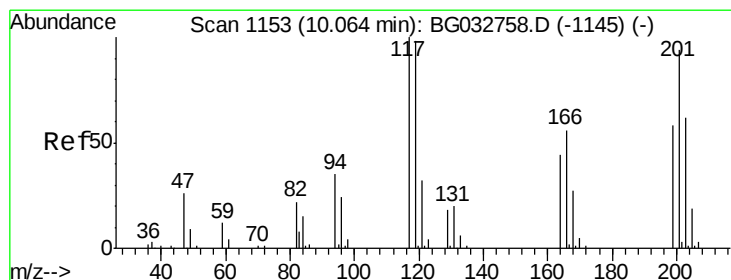
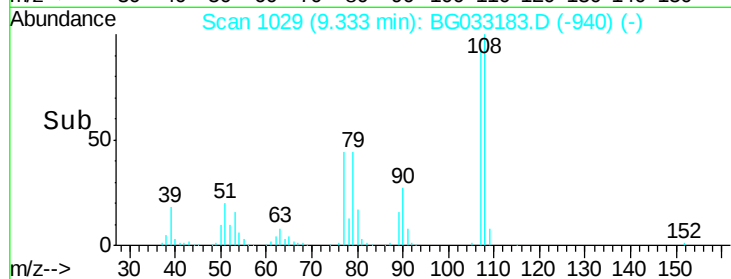
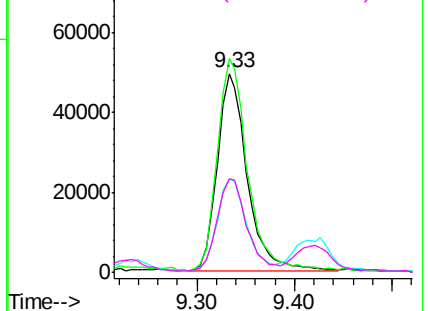
#17
2-Methylphenol
Concen: 48.536 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:107 Resp: 103948
Ion Ratio Lower Upper
107 100
108 107.6 83.9 125.9
77 47.1 37.2 55.8
79 47.0 36.2 54.2

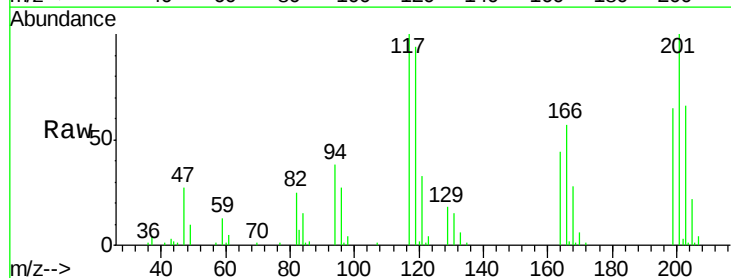


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

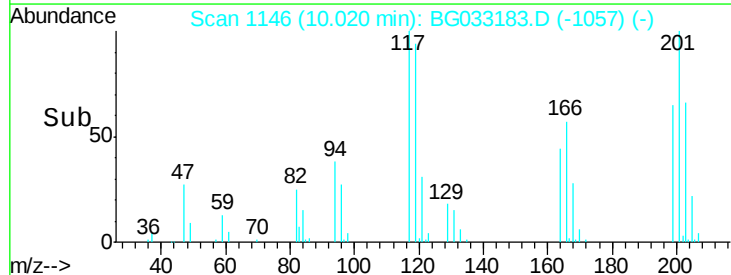
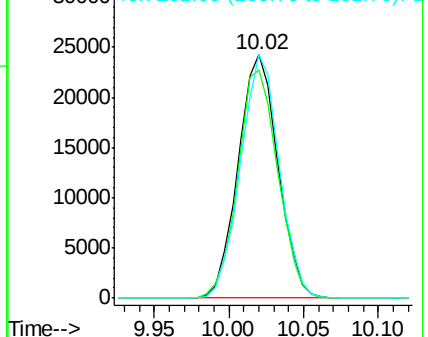


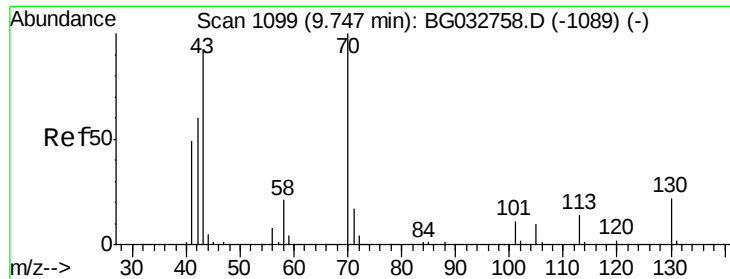
#18
Hexachloroethane
Concen: 49.447 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:117 Resp: 44907
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
201 100.2 95.7 143.5



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

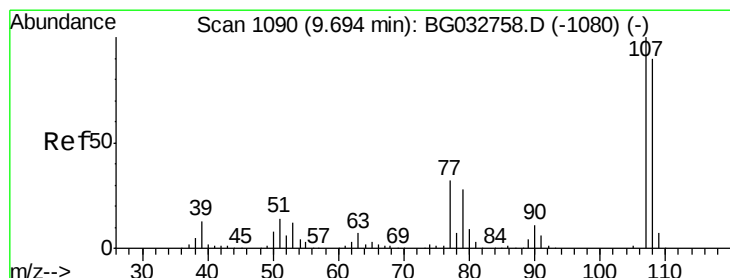
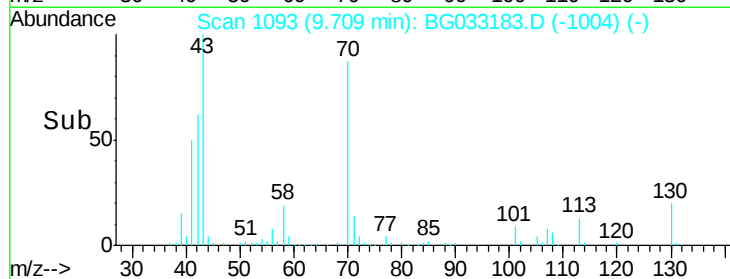
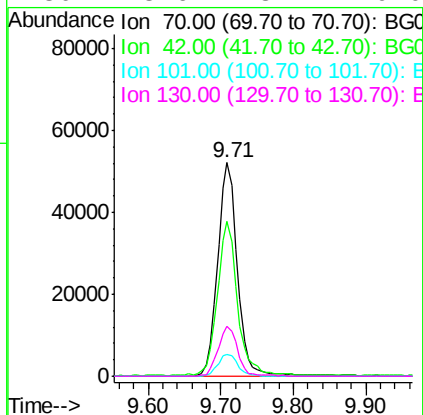
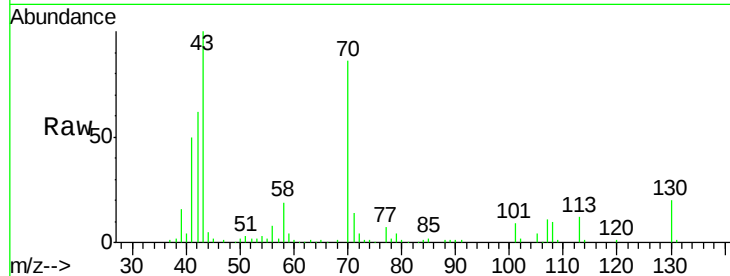




#19
n-Nitroso-di-n-propylamine
Concen: 48.643 ng
RT: 9.71 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

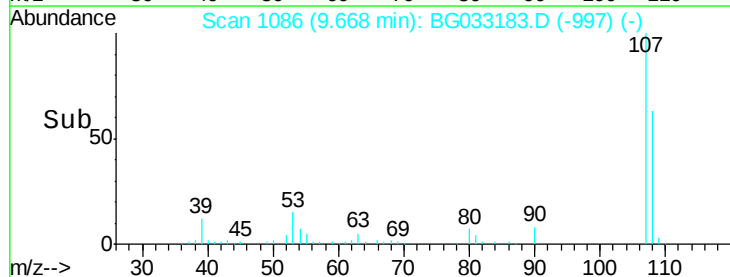
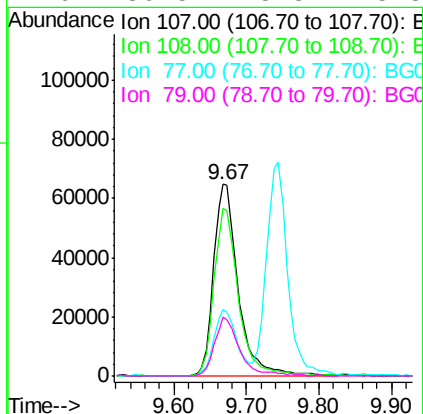
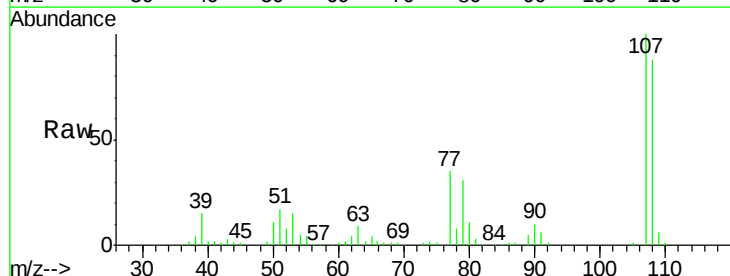
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion: 70 Resp: 98940
Ion Ratio Lower Upper
70 100
42 72.5 49.1 73.7
101 10.0 8.5 12.7
130 23.6 13.4 20.0#



#20
3+4-Methylphenols
Concen: 51.414 ng
RT: 9.67 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 107 Resp: 153103
Ion Ratio Lower Upper
107 100
108 87.8 61.6 101.6
77 35.0 13.9 53.9
79 30.5 8.8 48.8

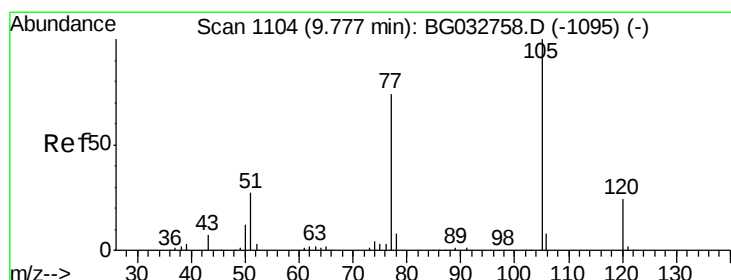
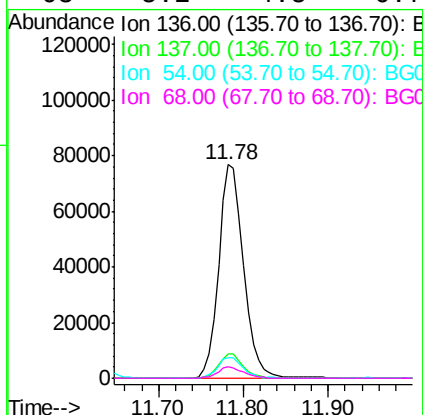
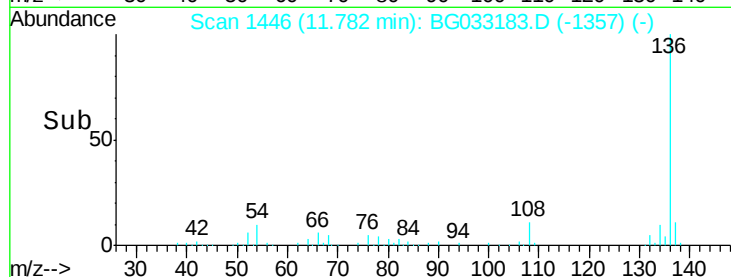
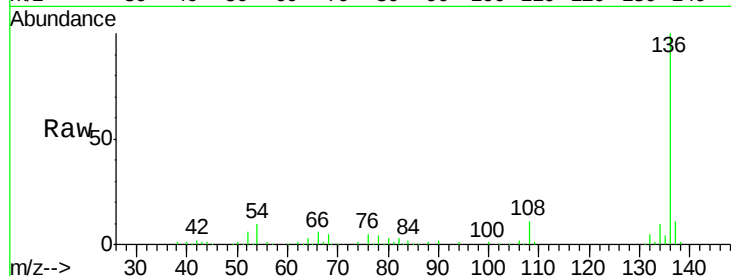




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

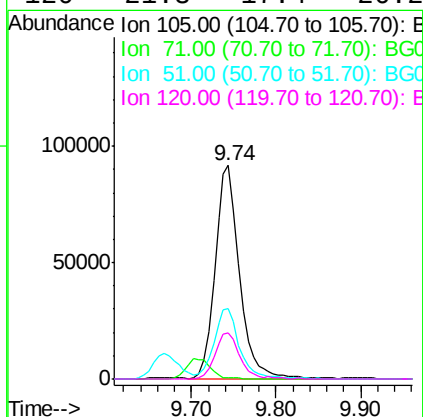
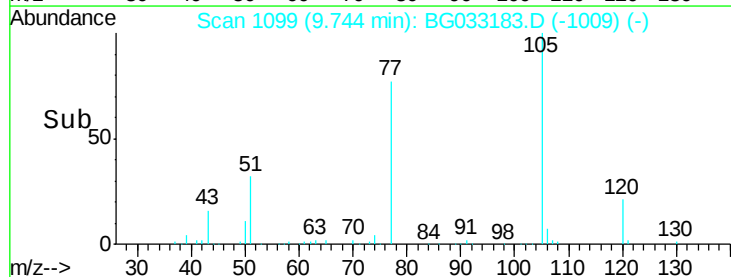
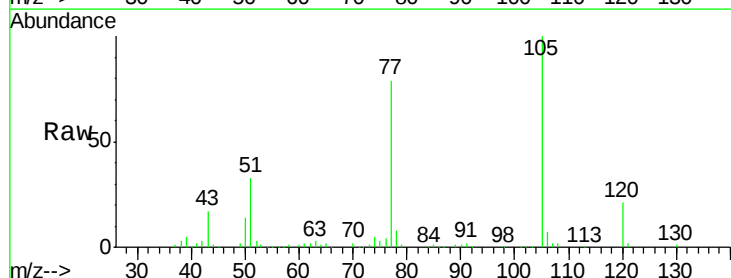
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:136	Resp:	156884
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.2 13.8
54	9.6	10.3 15.5#
68	5.2	4.5 6.7



#22
Acetophenone
Concen: 46.283 ng
RT: 9.74 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:105	Resp:	183376
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	33.0	26.1 39.1
120	21.3	17.4 26.2

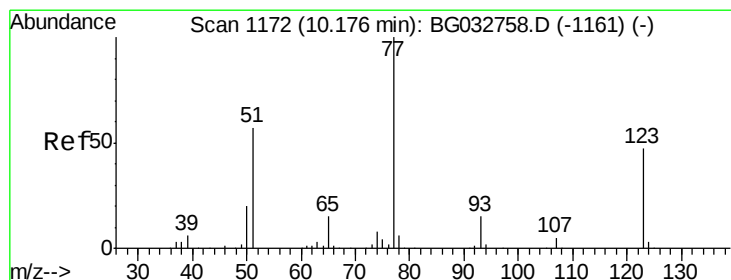
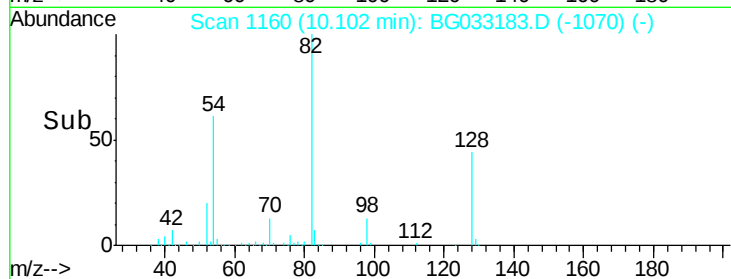
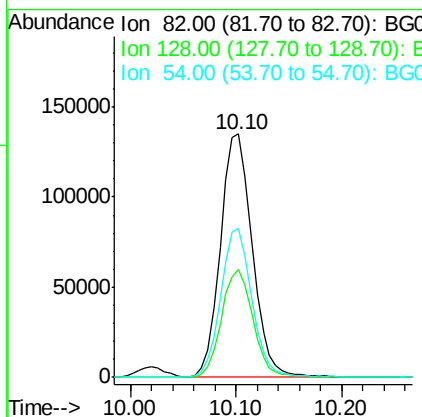
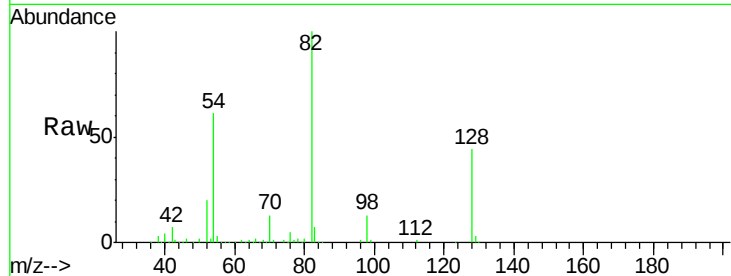




#23
Nitrobenzene-d5
Concen: 119.669 ng
RT: 10.10 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

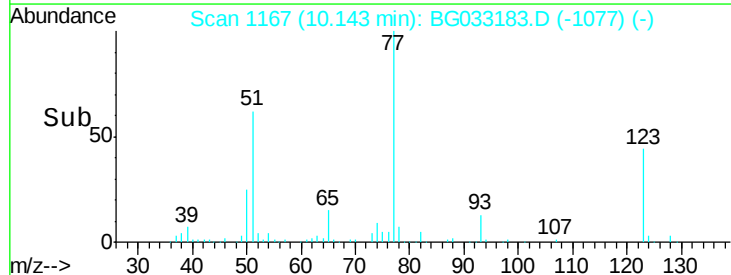
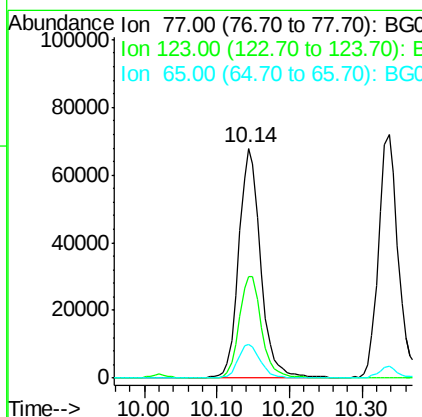
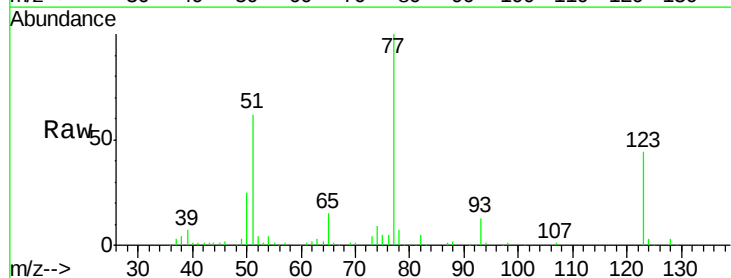
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion: 82 Resp: 280886
Ion Ratio Lower Upper
82 100
128 44.4 29.7 44.5
54 61.1 43.1 64.7



#24
Nitrobenzene
Concen: 55.738 ng
RT: 10.14 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 77 Resp: 142419
Ion Ratio Lower Upper
77 100
123 44.4 33.0 49.6
65 14.6 13.0 19.6





#25

Isophorone

Concen: 52.583 ng

RT: 10.67 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

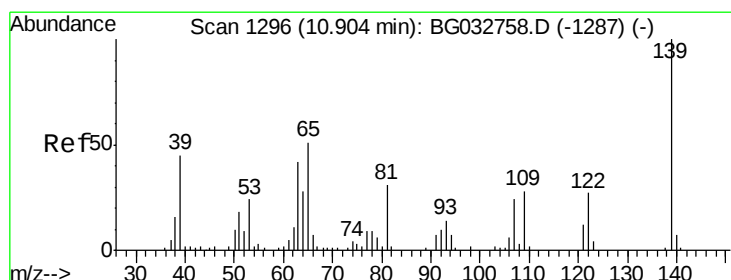
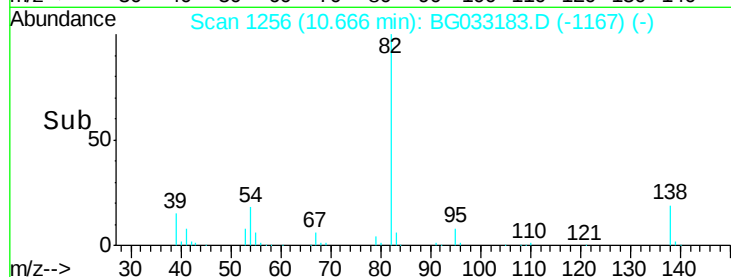
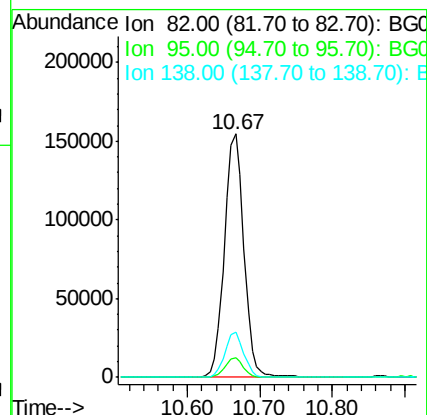
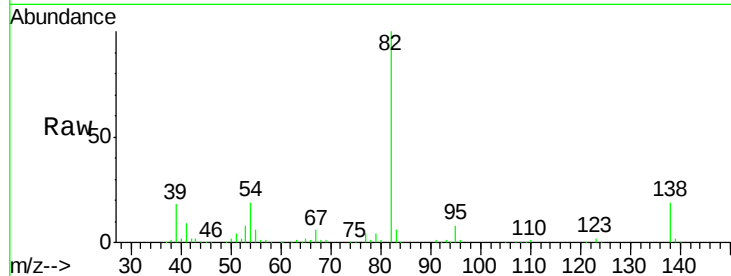
Tot Ion: 82 Resp: 289552

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 18.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 69.762 ng

RT: 10.87 min Scan# 1291

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

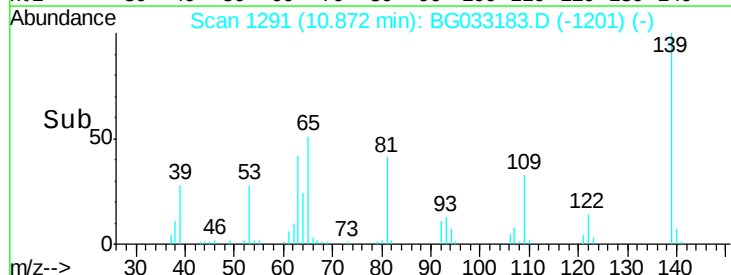
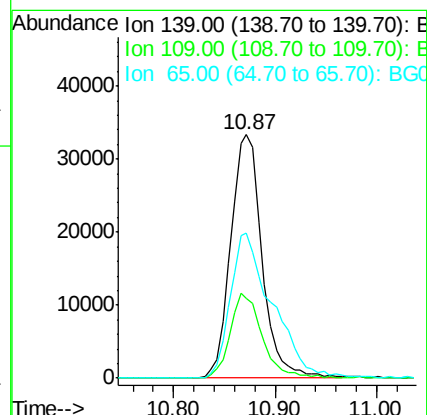
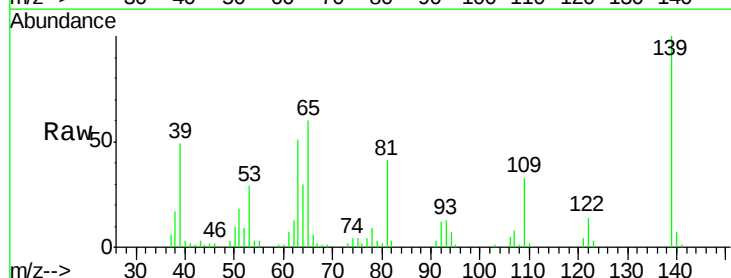
Tgt Ion: 139 Resp: 71534

Ion Ratio Lower Upper

139 100

109 33.0 24.2 36.2

65 59.6 47.4 71.0

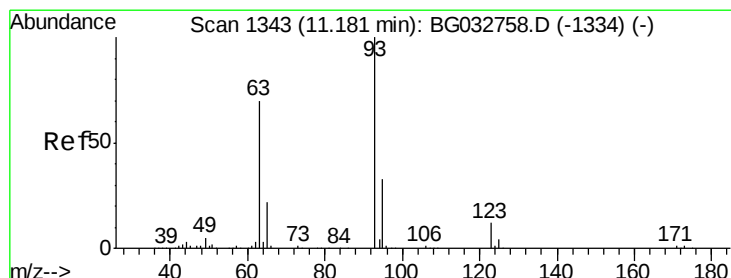
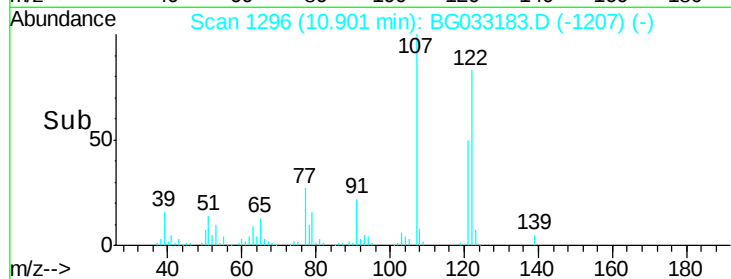
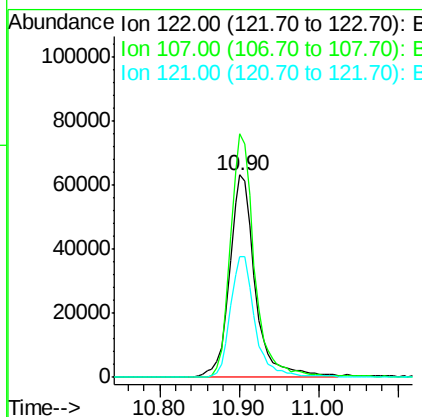
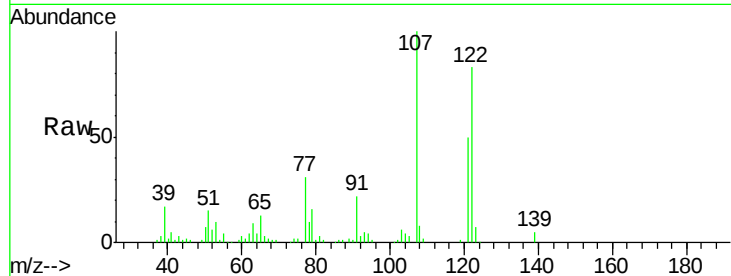




#27
2,4-Dimethylphenol
Concen: 59.085 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

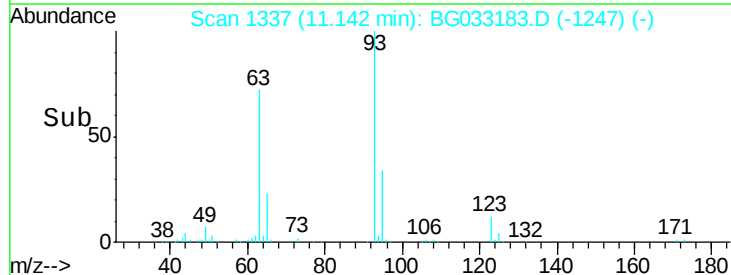
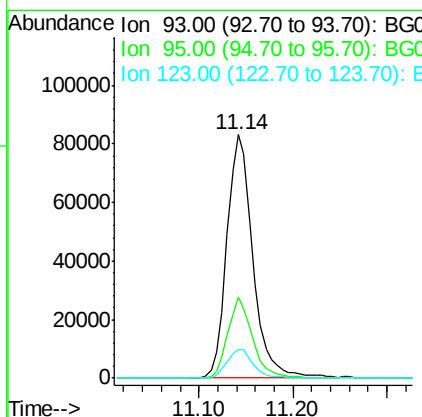
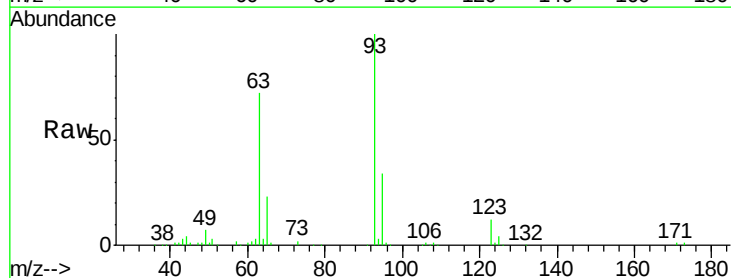
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

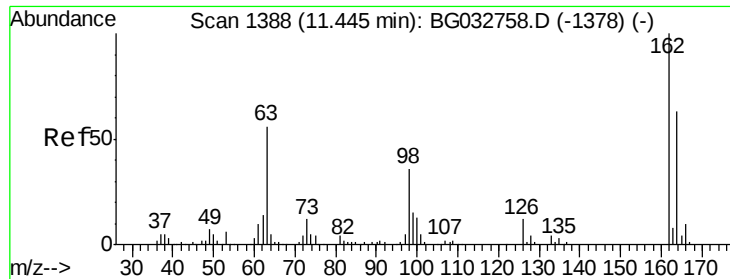
Tot Ion:122 Resp: 141337
Ion Ratio Lower Upper
122 100
107 120.4 100.2 150.2
121 59.8 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.778 ng
RT: 11.14 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 93 Resp: 159681
Ion Ratio Lower Upper
93 100
95 33.5 24.3 36.5
123 11.8 8.4 12.6

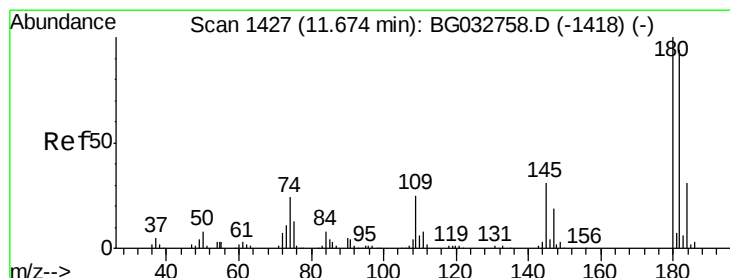
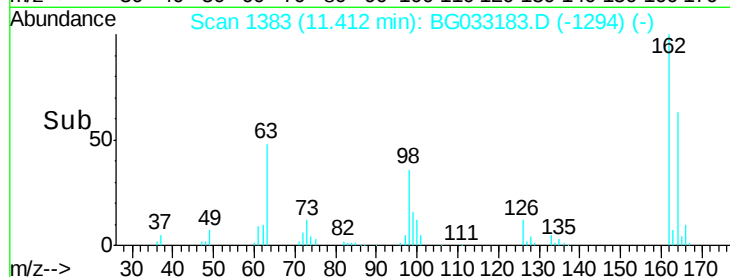
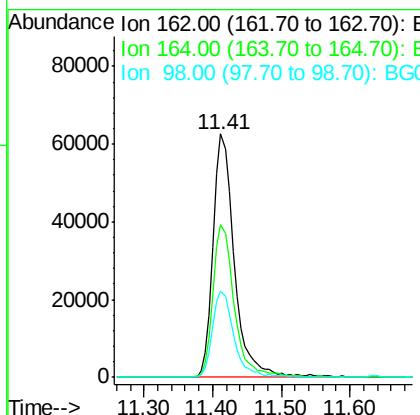
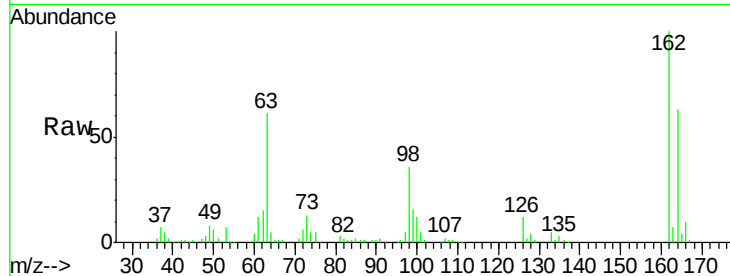




#29
2,4-Dichlorophenol
Concen: 62.119 ng
RT: 11.41 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

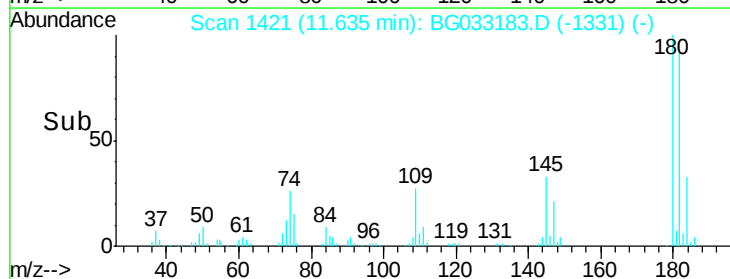
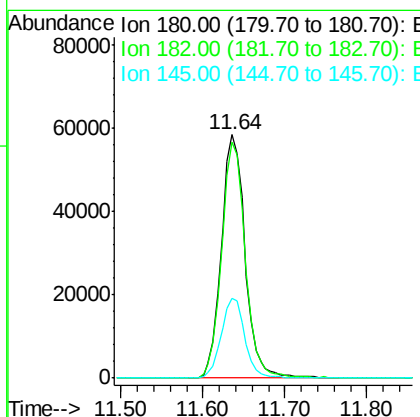
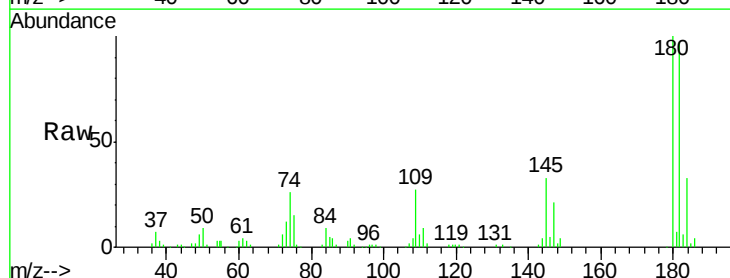
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

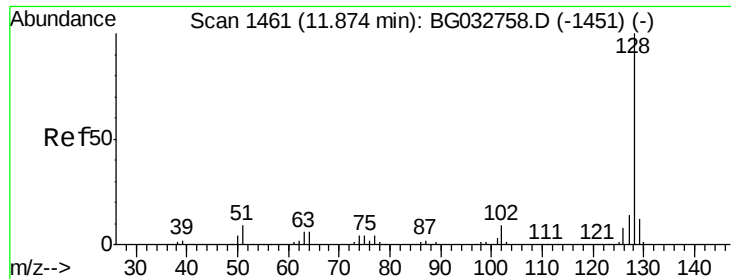
Tot Ion:162 Resp: 134865
Ion Ratio Lower Upper
162 100
164 62.5 48.0 88.0
98 35.5 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 46.563 ng
RT: 11.64 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:180 Resp: 118500
Ion Ratio Lower Upper
180 100
182 96.8 77.5 116.3
145 32.9 23.4 35.2

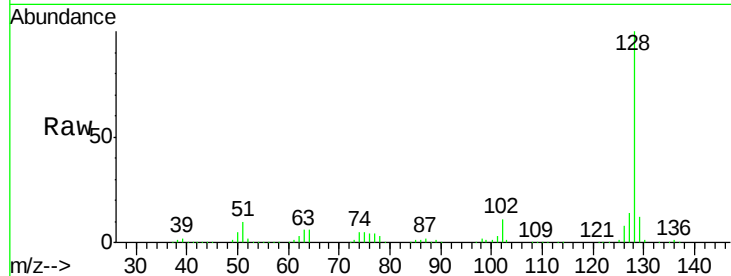




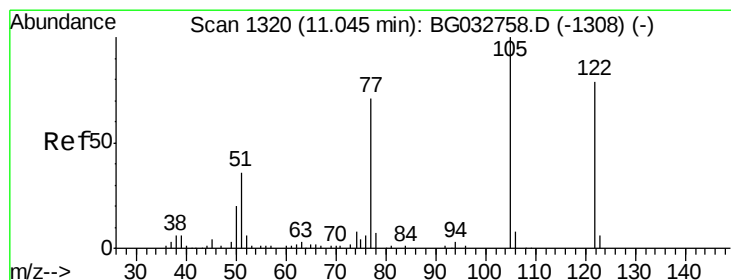
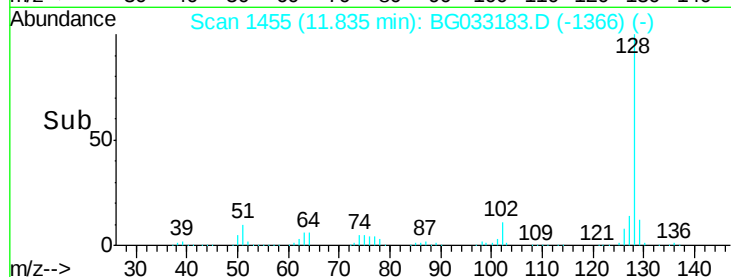
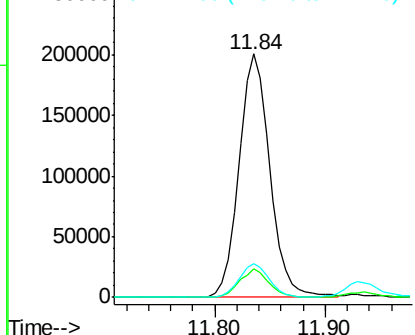
#31
Naphthalene
Concen: 48.100 ng
RT: 11.84 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:128 Resp: 394313
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.1 11.6 17.4

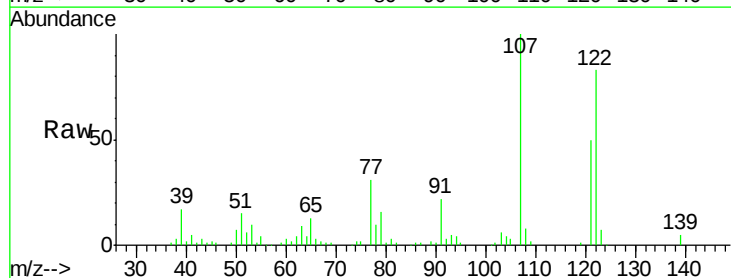


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

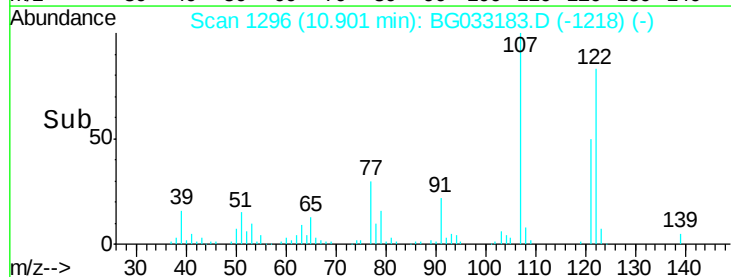
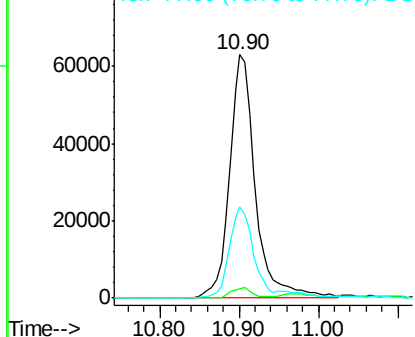


#32
Benzoic acid
Concen: 75.971 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.07 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:122 Resp: 141337
Ion Ratio Lower Upper
122 100
105 3.8 123.5 163.5#
77 37.5 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

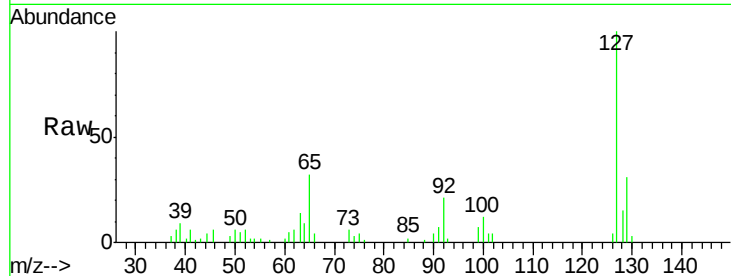




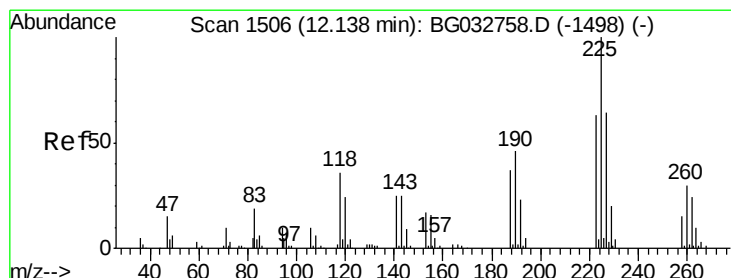
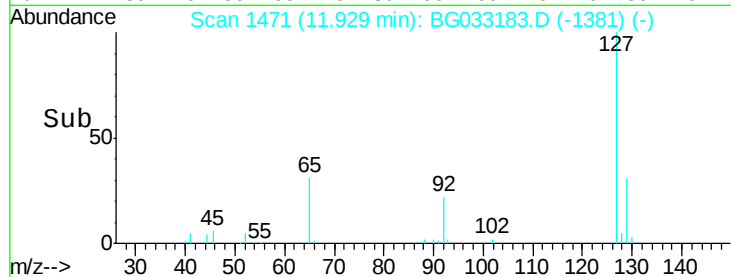
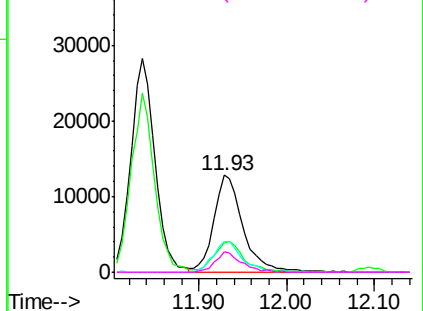
#33
4-Chloroaniline
Concen: 8.143 ng
RT: 11.93 min Scan# 1471
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:	127	Resp:	29847
Ion	Ratio	Lower	Upper
127	100		
129	30.6	24.0	36.0
65	31.8	27.0	40.4
92	20.8	16.6	25.0

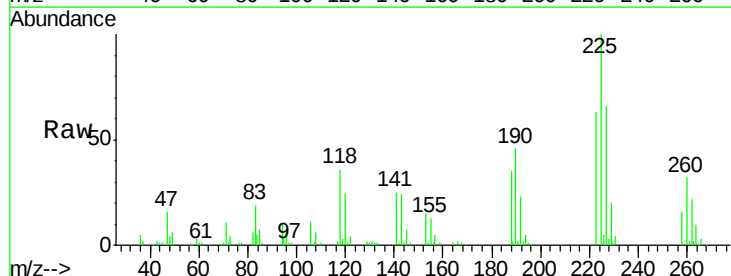


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

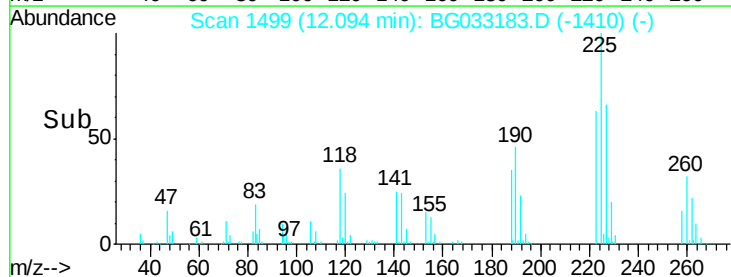
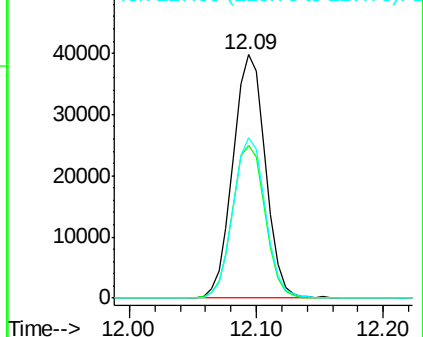


#34
Hexachlorobutadiene
Concen: 49.158 ng
RT: 12.09 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:	225	Resp:	70173
Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.7	74.5
227	66.1	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

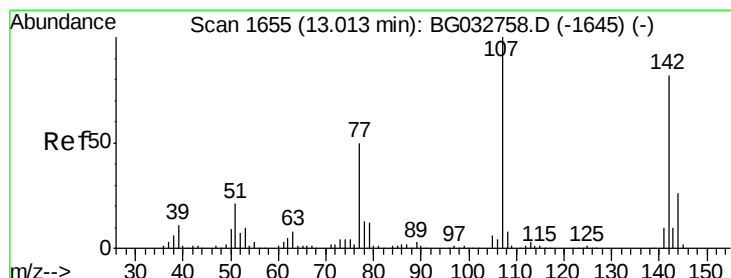
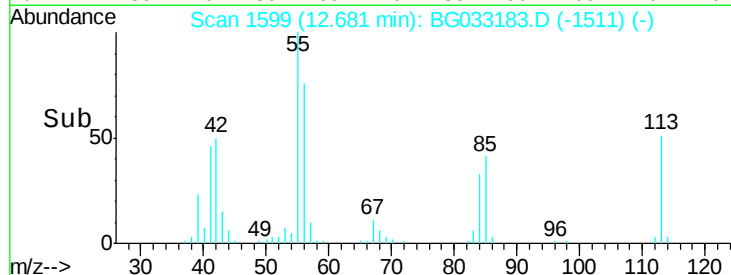
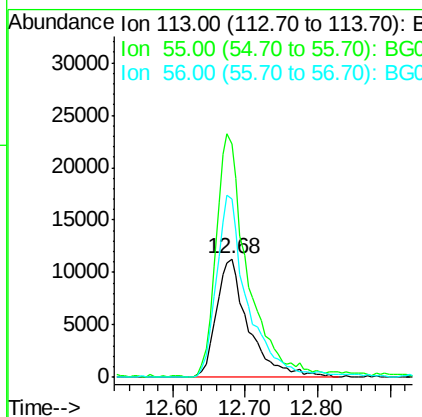
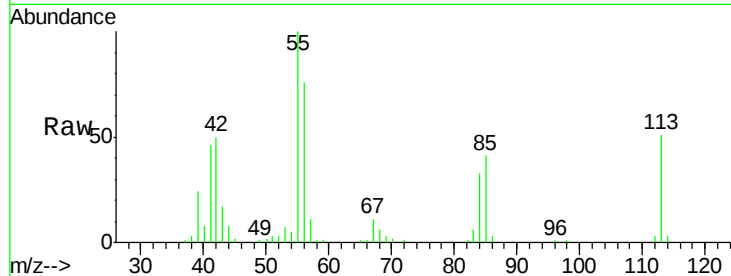




#35
 Caprolactam
 Concen: 39.865 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

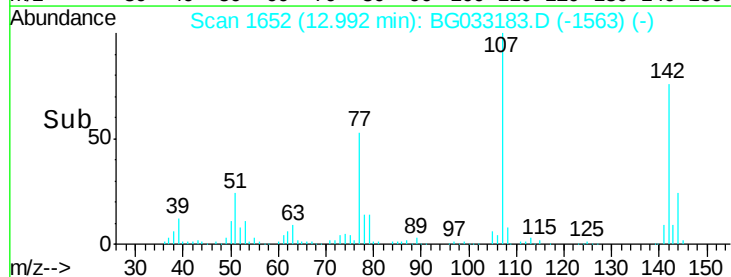
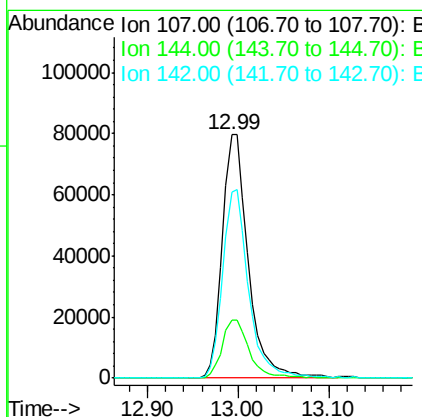
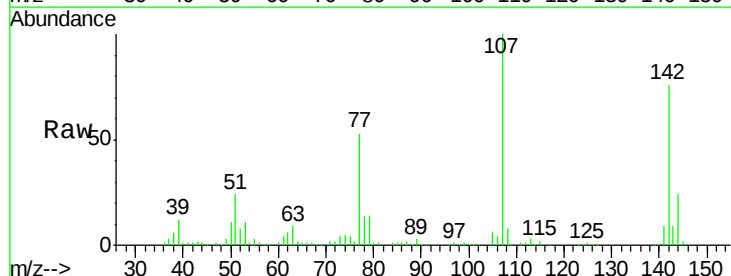
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

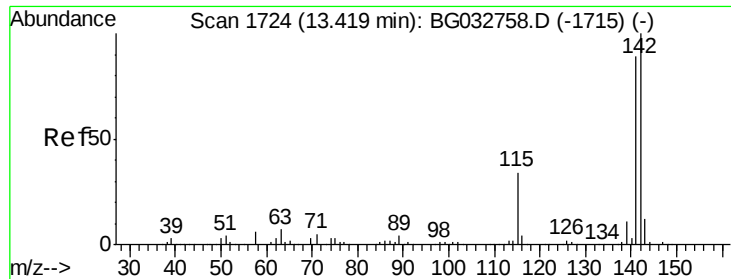
Tot Ion:113 Resp: 34655
 Ion Ratio Lower Upper
 113 100
 55 196.8 186.9 226.9
 56 150.2 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 62.797 ng
 RT: 12.99 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion:107 Resp: 158656
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.2 27.4
 142 76.4 59.0 88.4

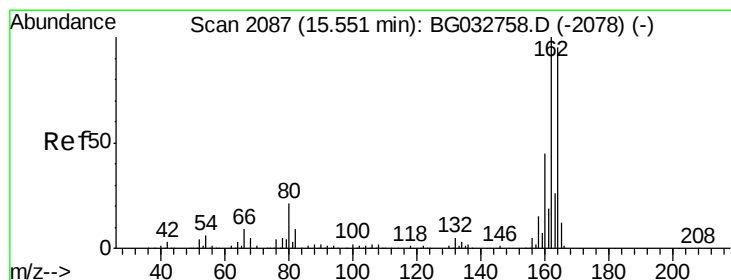
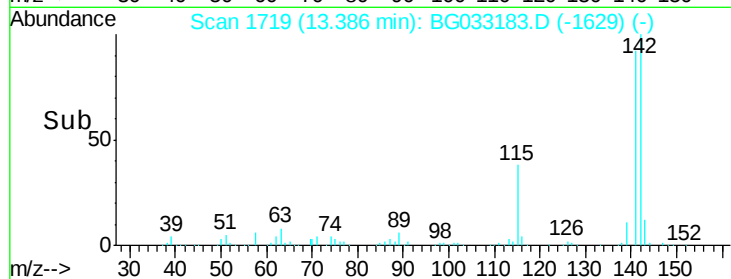
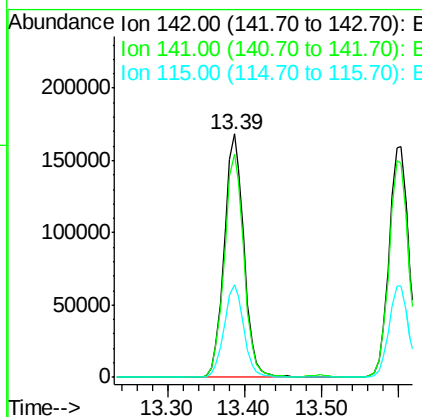
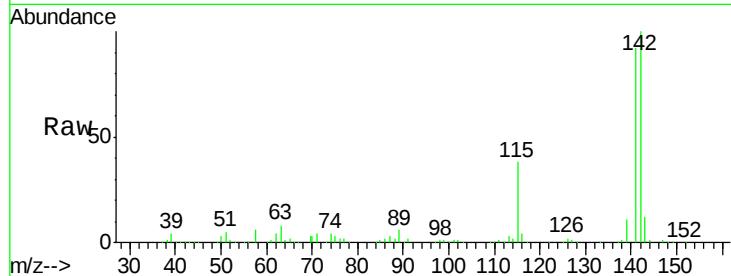




#37
2-Methylnaphthalene
Concen: 50.545 ng
RT: 13.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

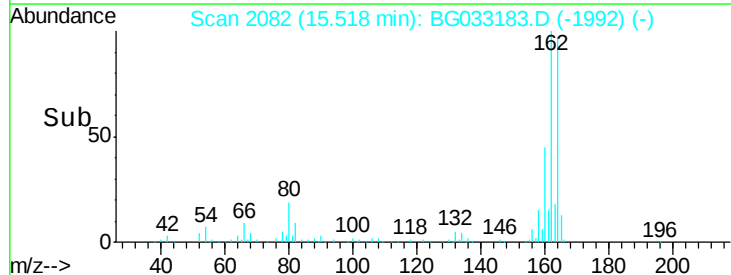
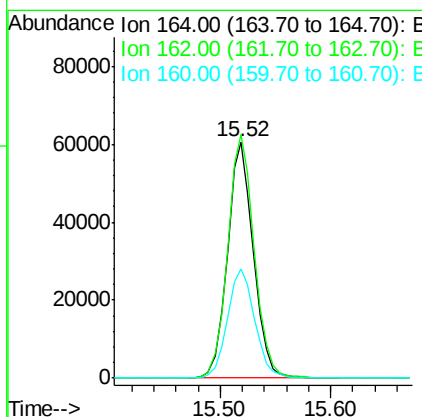
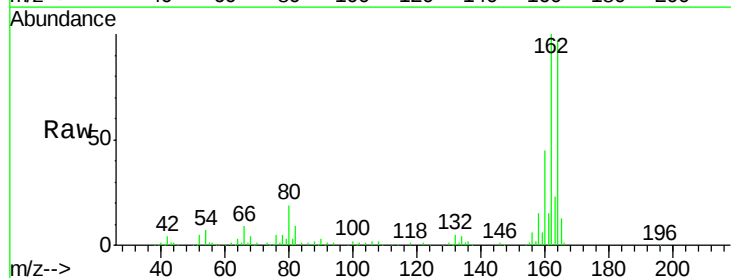
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:142 Resp: 299779
Ion Ratio Lower Upper
142 100
141 91.9 67.1 100.7
115 38.0 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:164 Resp: 98820
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 46.1 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.398 ng

RT: 13.74 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

Tot Ion:216 Resp: 141977

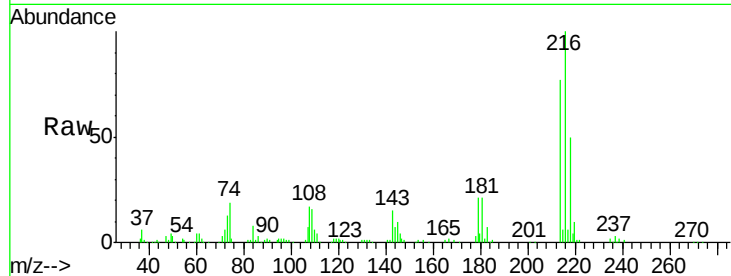
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.4 17.0 25.6

108 20.7 12.8 19.2#

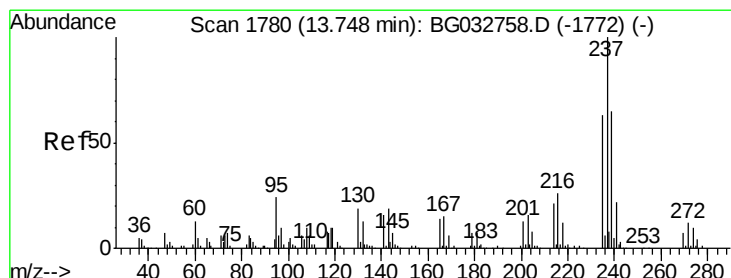
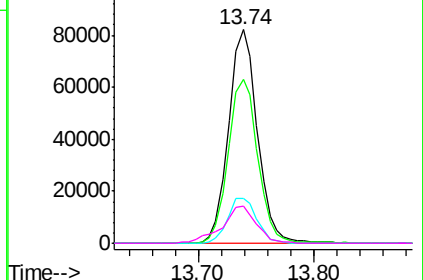
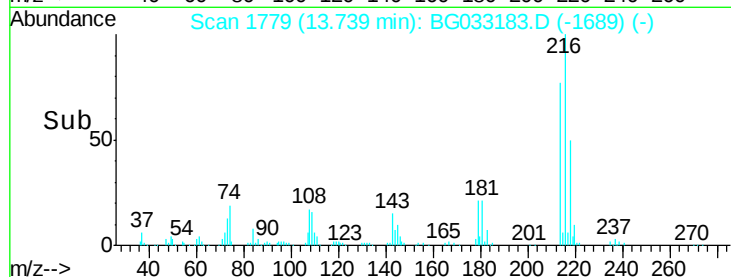


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.692 ng

RT: 13.71 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

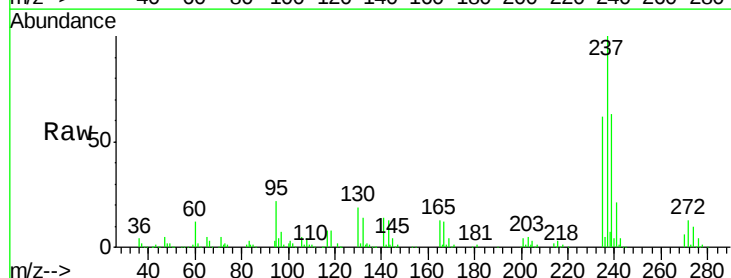
Tgt Ion:237 Resp: 147546

Ion Ratio Lower Upper

237 100

235 61.8 50.4 90.4

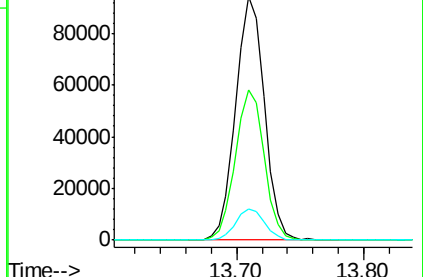
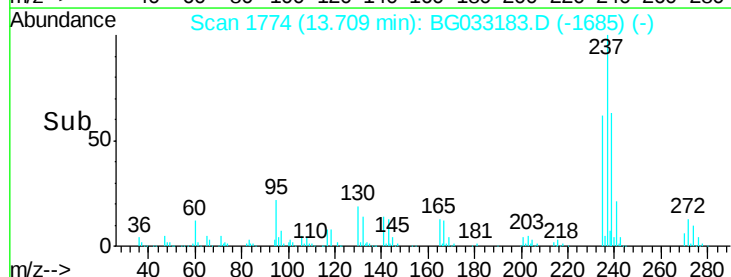
272 12.7 0.0 31.8

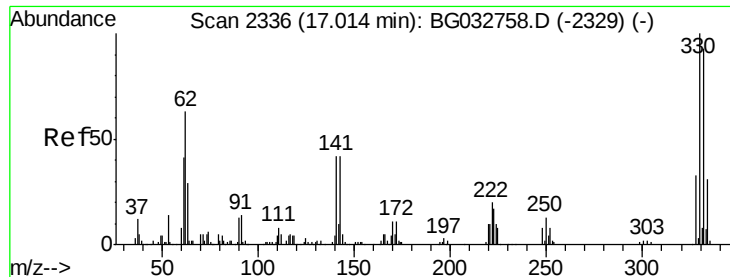


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

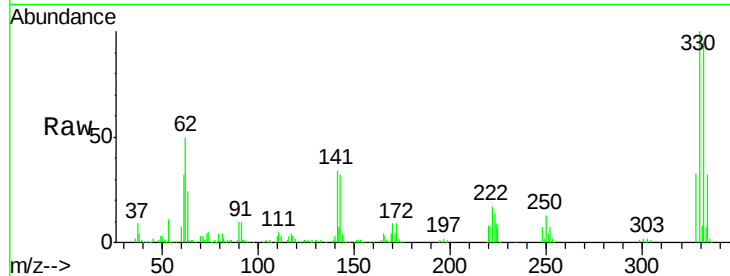




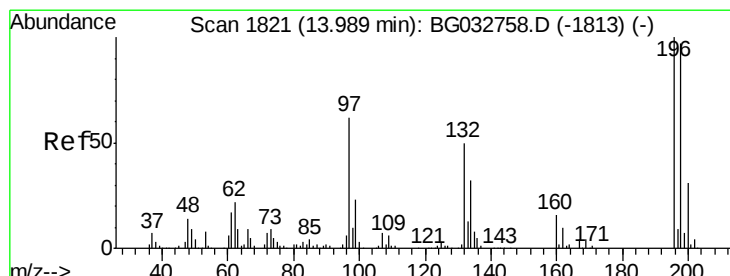
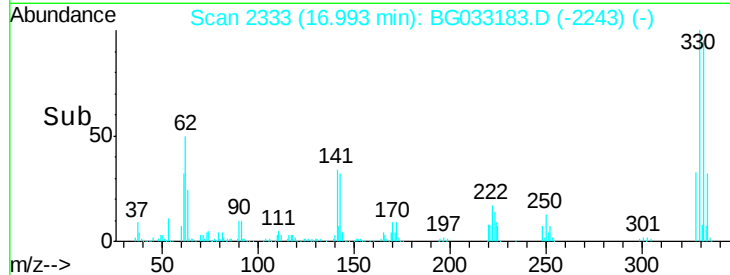
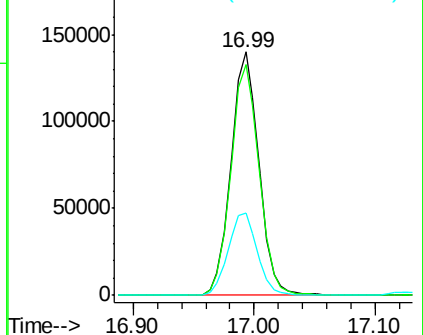
#41
 2,4,6-Tribromophenol
 Concen: 216.653 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

Tot Ion:330 Resp: 225115
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 35.3 25.2 37.8

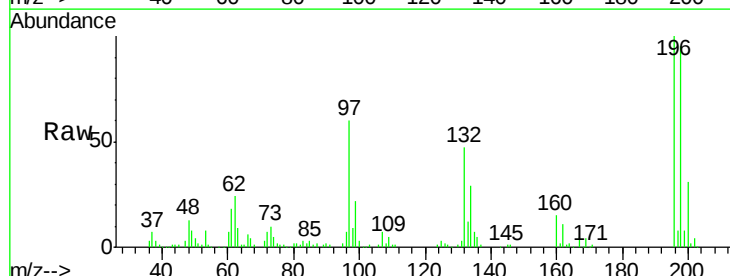


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

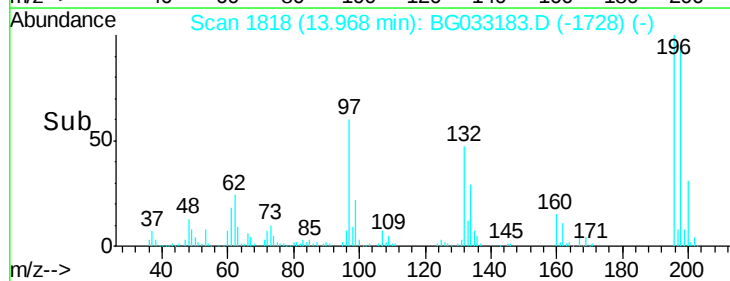
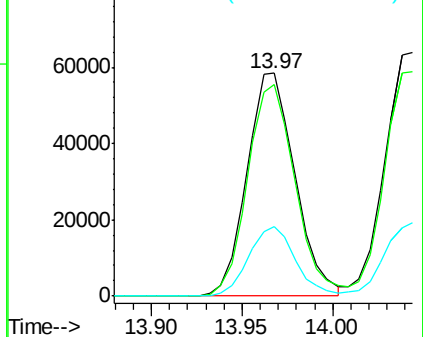


#42
 2,4,6-Trichlorophenol
 Concen: 58.150 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion:196 Resp: 107576
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.2 117.2
 200 31.1 24.6 36.8



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

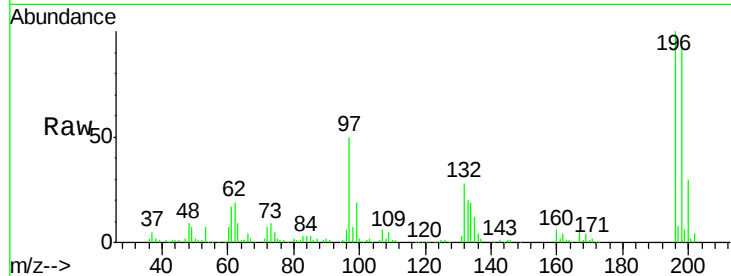




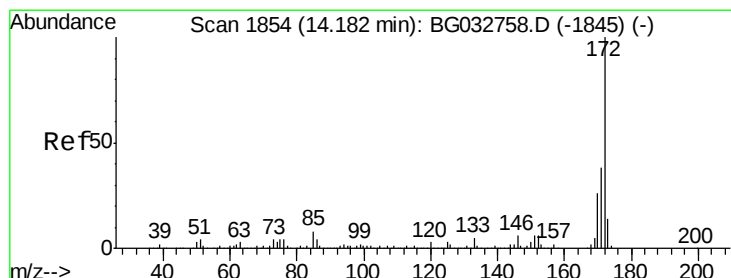
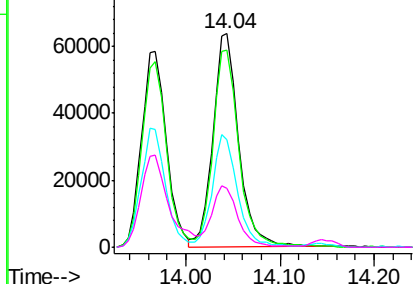
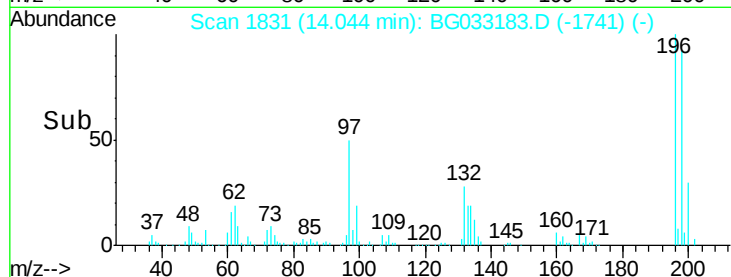
#43
 2,4,5-Trichlorophenol
 Concen: 57.112 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

Tot Ion:196 Resp: 122284
 Ion Ratio Lower Upper
 196 100
 198 92.3 76.2 114.4
 97 50.4 38.7 58.1
 132 27.7 20.2 30.2

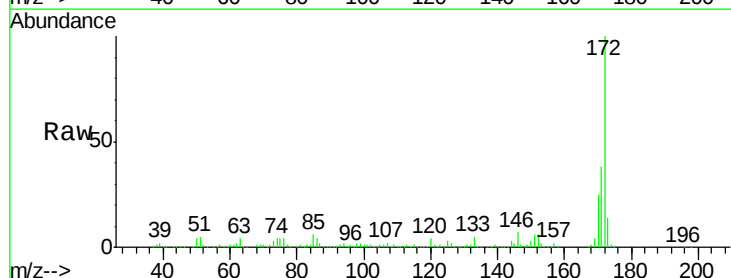


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

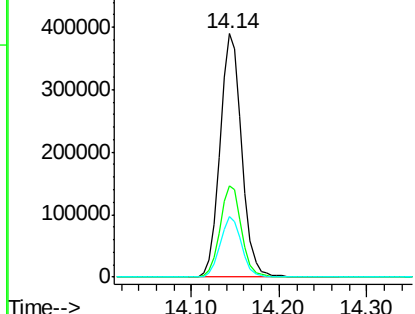
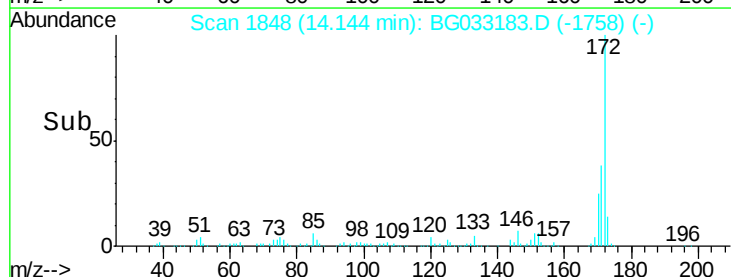


#44
 2-Fluorobiphenyl
 Concen: 97.195 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion:172 Resp: 665957
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 25.0 19.5 29.3



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

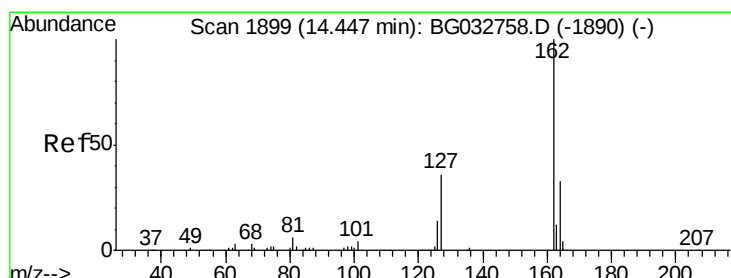
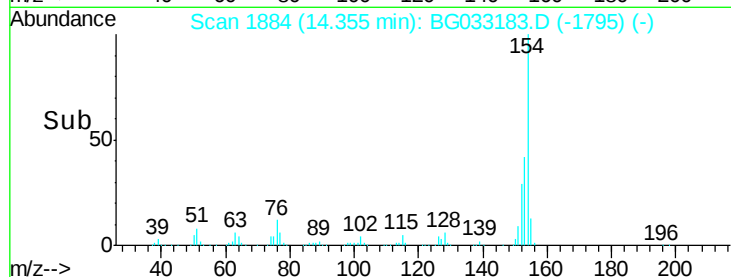
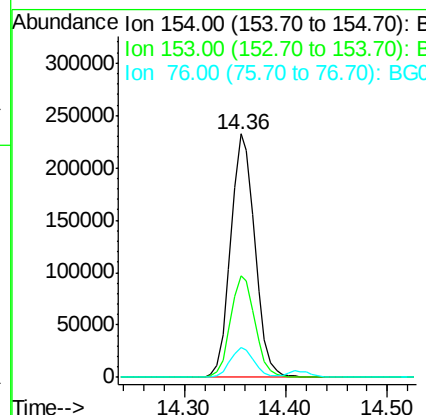
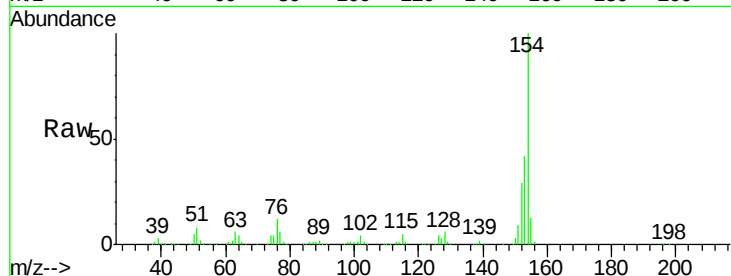




#45
 1,1'-Biphenyl
 Concen: 44.590 ng
 RT: 14.36 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

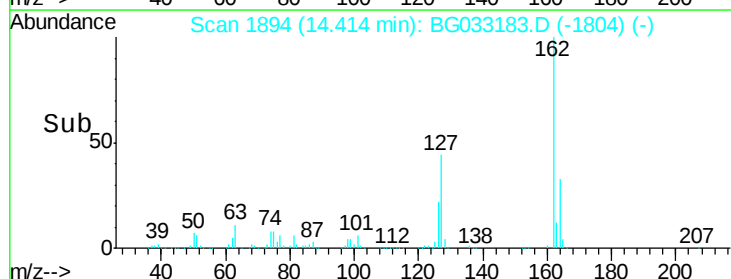
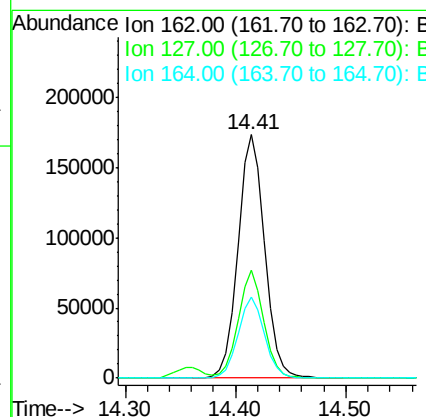
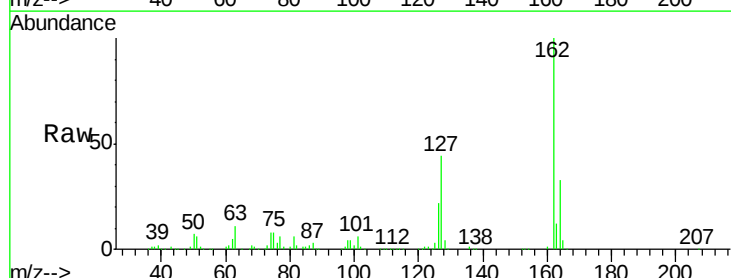
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

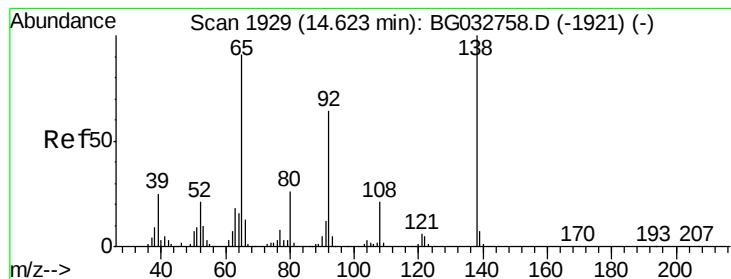
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 45.475 ng
 RT: 14.41 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.3	30.7	46.1
164	33.4	26.0	39.0





#47

2-Nitroaniline

Concen: 63.936 ng

RT: 14.60 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

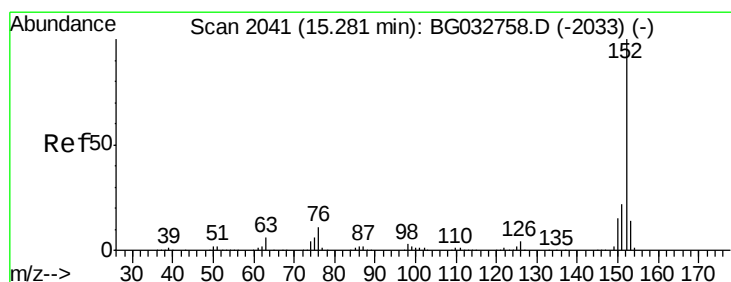
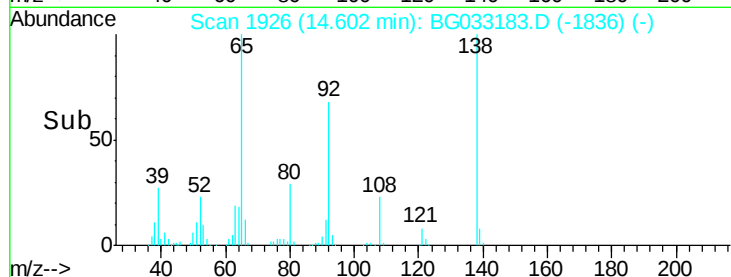
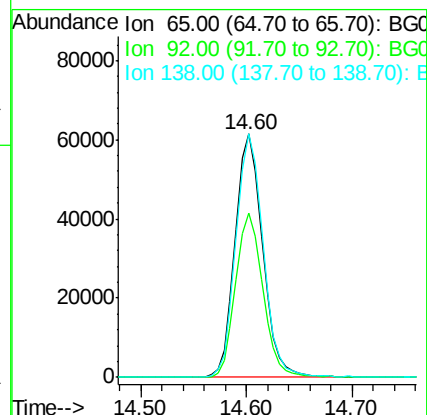
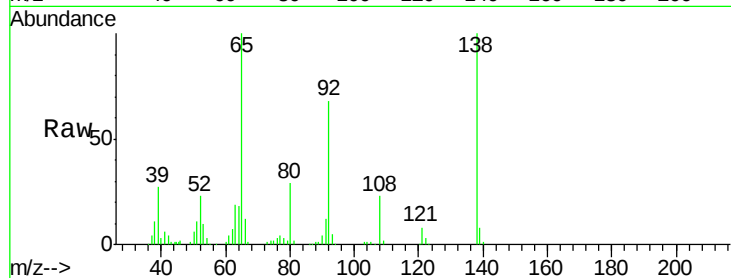
Tot Ion: 65 Resp: 110692

Ion Ratio Lower Upper

65 100

92 67.6 54.6 82.0

138 100.1 72.9 109.3



#48

Acenaphthylene

Concen: 46.673 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

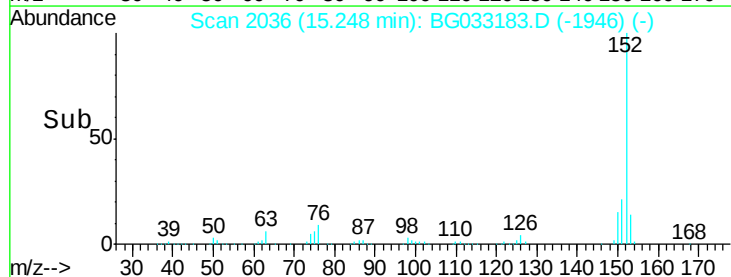
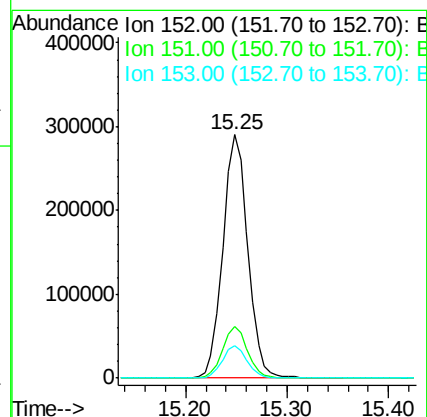
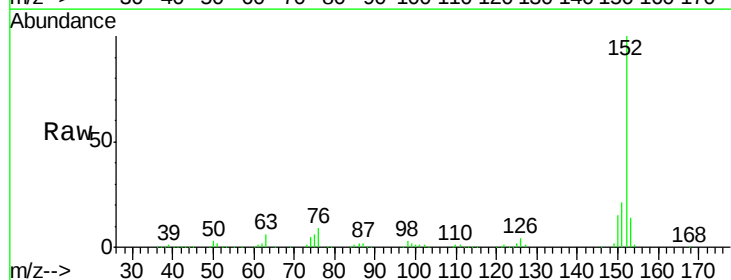
Tgt Ion: 152 Resp: 492912

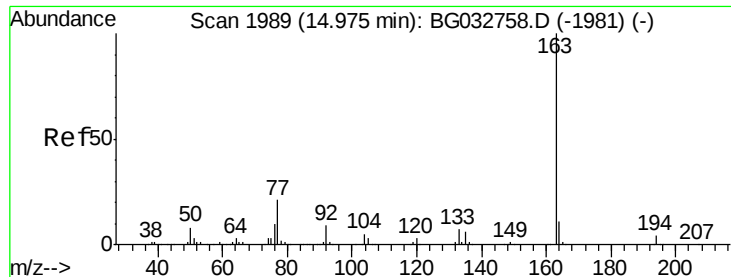
Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 47.949 ng

RT: 14.94 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

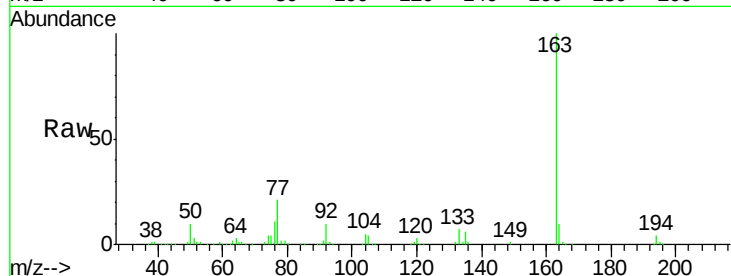
Tot Ion:163 Resp: 402324

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

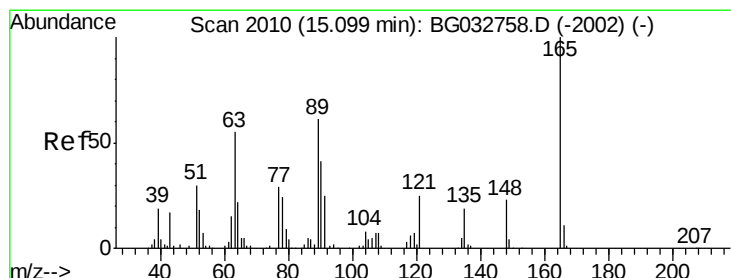
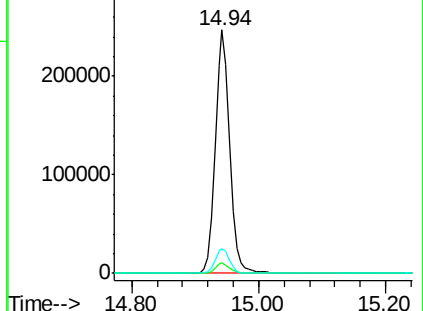
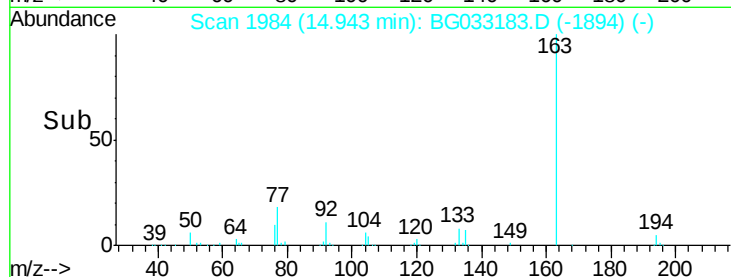
164 10.4 8.2 12.4



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: 62.013 ng

RT: 15.08 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

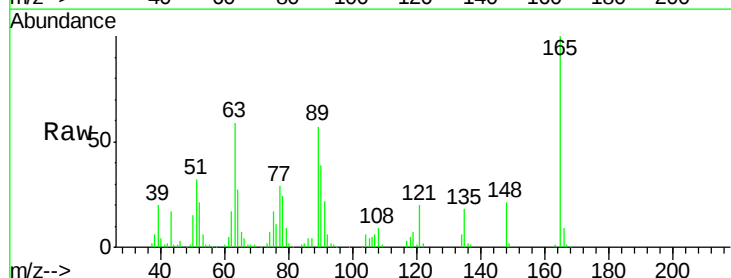
Tgt Ion:165 Resp: 90553

Ion Ratio Lower Upper

165 100

63 58.8 52.7 79.1

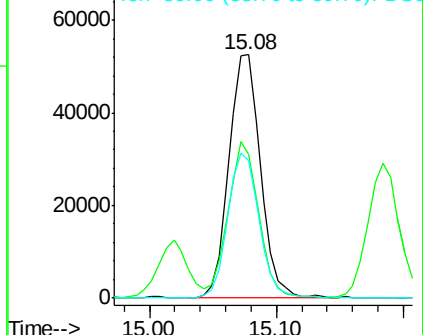
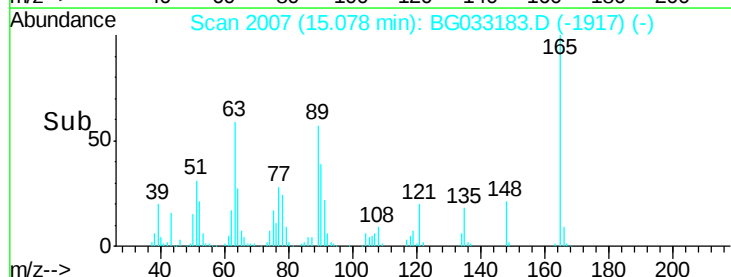
89 56.6 49.2 73.8

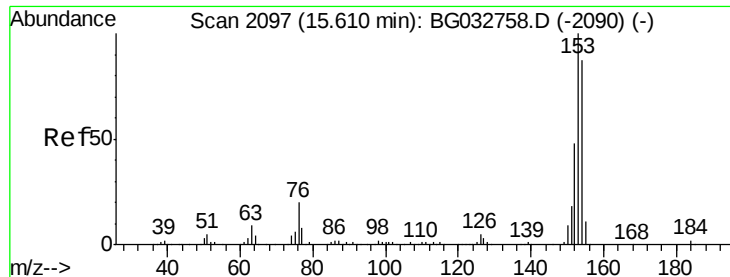


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 45.803 ng

RT: 15.58 min Scan# 2093

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

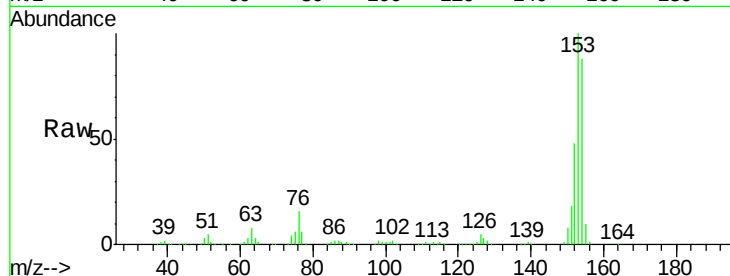
Tot Ion:154 Resp: 301253

Ion Ratio Lower Upper

154 100

153 113.9 90.4 135.6

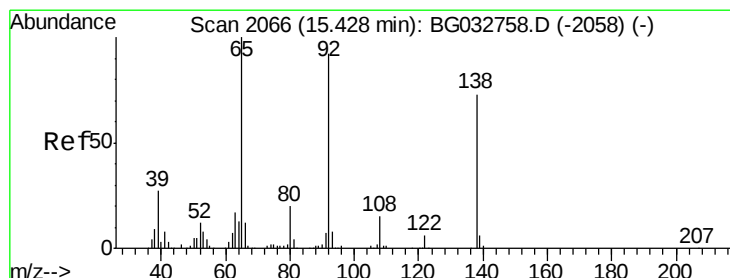
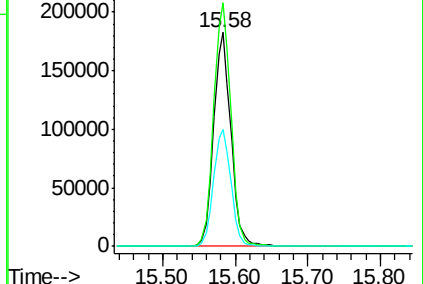
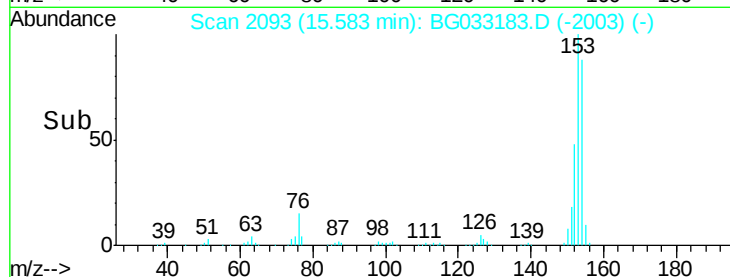
152 54.7 41.6 62.4



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: 21.031 ng

RT: 15.41 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

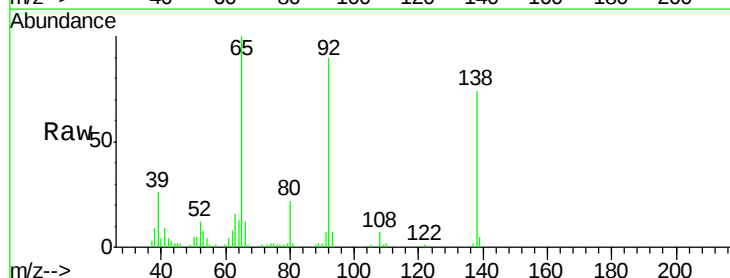
Tgt Ion:138 Resp: 27495

Ion Ratio Lower Upper

138 100

108 9.4 17.5 26.3#

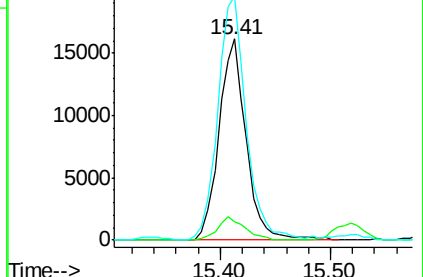
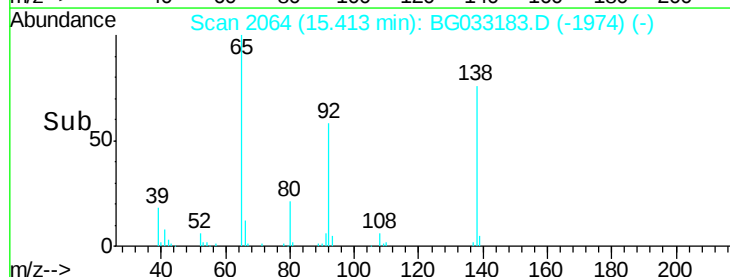
92 121.3 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

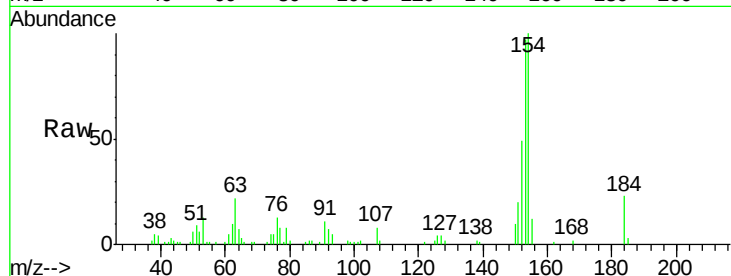




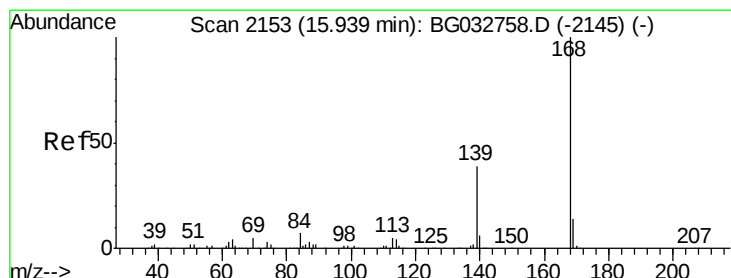
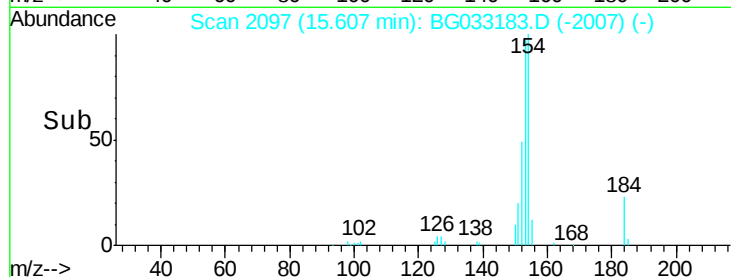
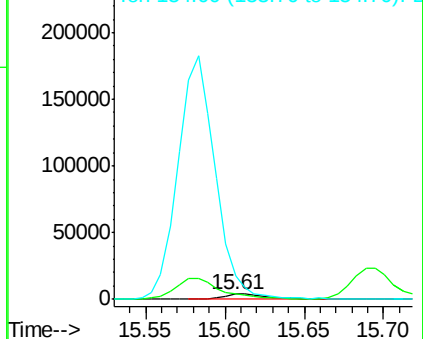
#53
2,4-Dinitrophenol
Concen: 26.356 ng
RT: 15.61 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:184 Resp: 8075
Ion Ratio Lower Upper
184 100
63 96.0 59.8 89.8#
154 436.0 101.8 152.8#

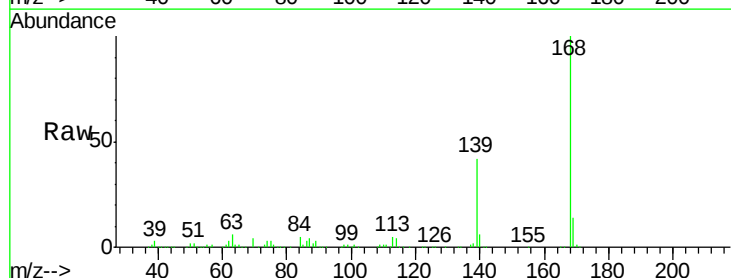


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

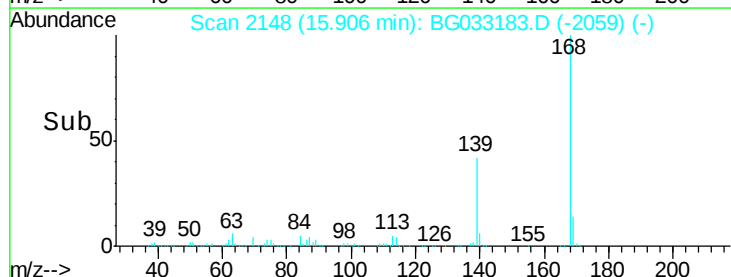
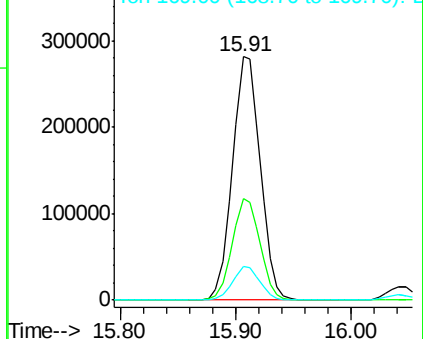


#54
Dibenzofuran
Concen: 50.001 ng
RT: 15.91 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:168 Resp: 468266
Ion Ratio Lower Upper
168 100
139 41.6 28.6 43.0
169 13.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

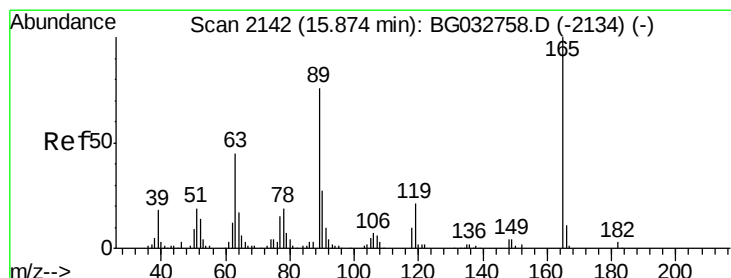
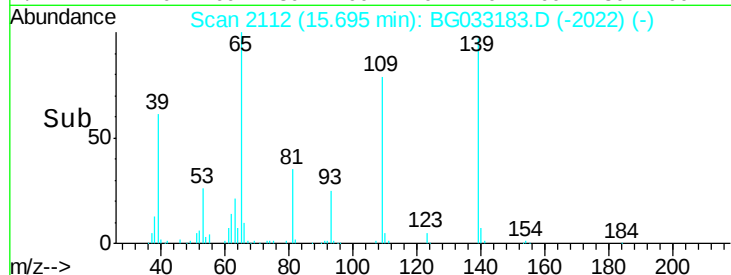
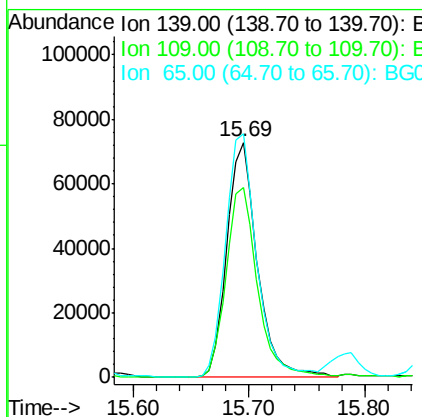
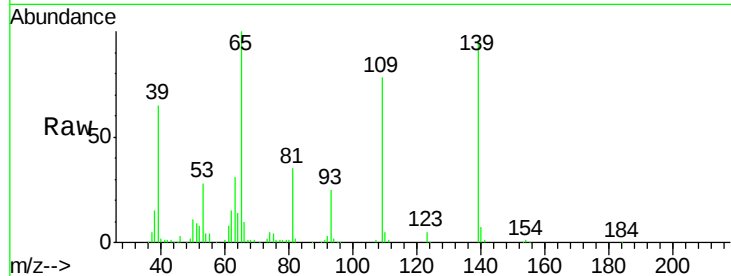




#55
4-Nitrophenol
Concen: 95.891 ng
RT: 15.69 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

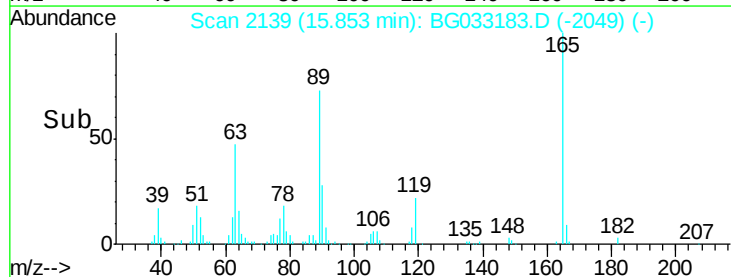
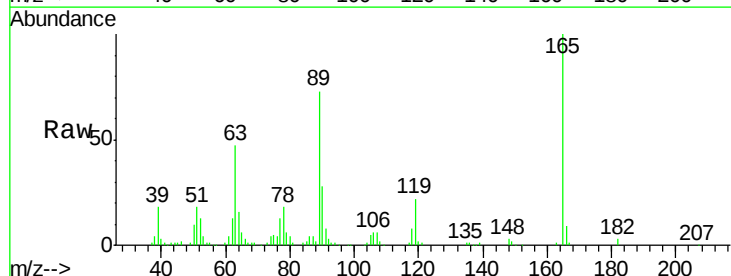
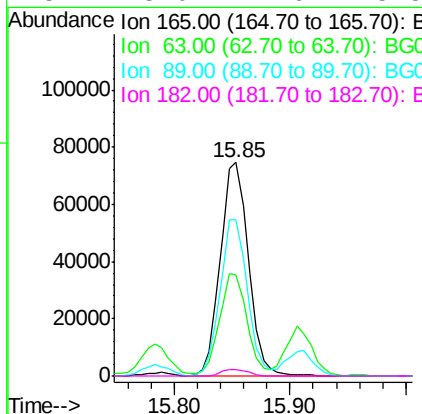
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:139 Resp: 133878
Ion Ratio Lower Upper
139 100
109 81.1 62.2 102.2
65 103.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 69.204 ng
RT: 15.85 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:165 Resp: 126343
Ion Ratio Lower Upper
165 100
63 47.5 42.0 63.0
89 73.4 66.9 100.3
182 3.0 2.6 3.8





#57

Fluorene

Concen: 48.798 ng

RT: 16.55 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

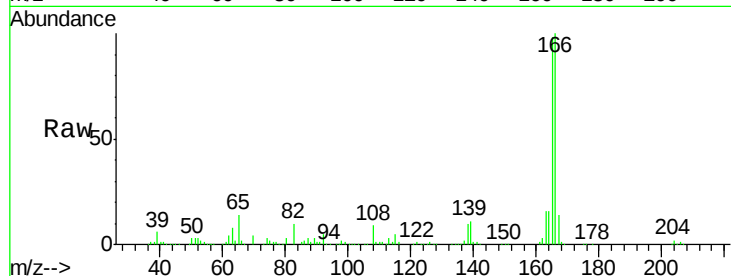
Tot Ion:166 Resp: 377196

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

167 14.2 10.4 15.6



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

300000

250000

200000

150000

100000

50000

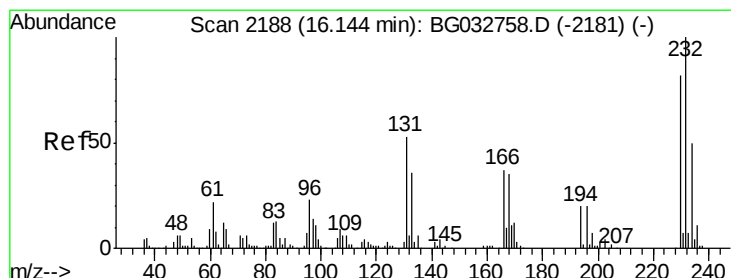
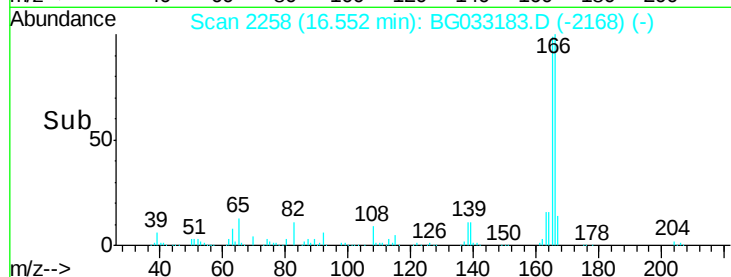
0

16.50

16.55

16.60

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 67.977 ng

RT: 16.12 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Tgt Ion:232 Resp: 113003

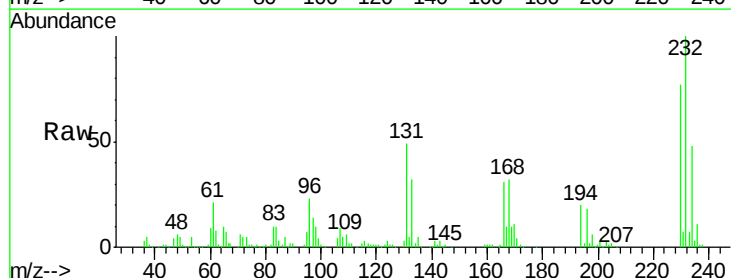
Ion Ratio Lower Upper

232 100

131 46.0 33.5 50.3

130 2.8 2.2 3.2

166 31.3 24.8 37.2



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

100000

80000

60000

40000

20000

0

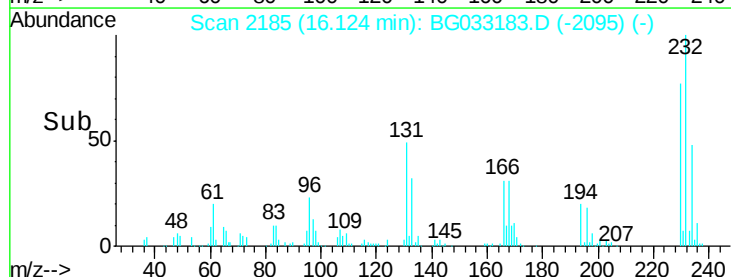
16.10

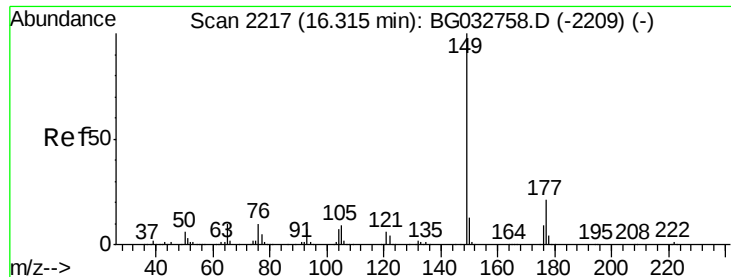
16.12

16.20

16.30

Time-->

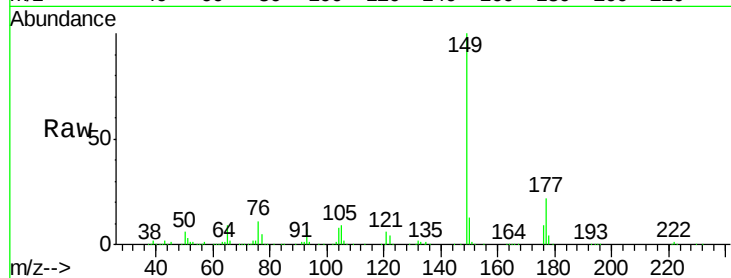




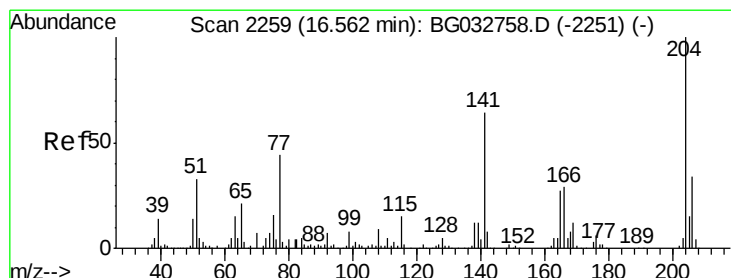
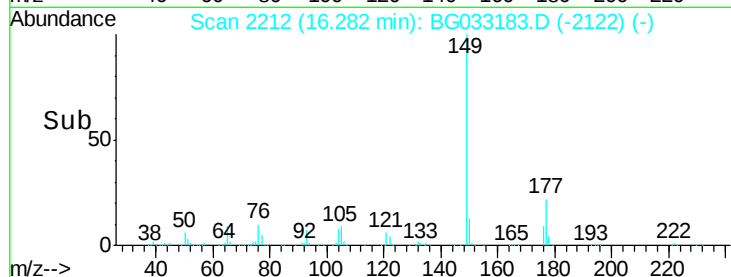
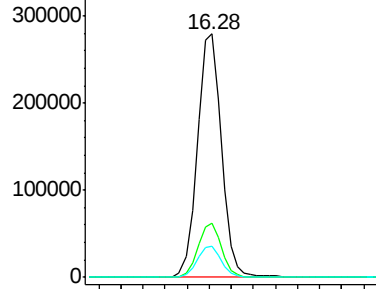
#59
Diethylphthalate
Concen: 48.372 ng
RT: 16.28 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:149 Resp: 428091
Ion Ratio Lower Upper
149 100
177 22.1 18.5 27.7
150 12.8 10.2 15.2

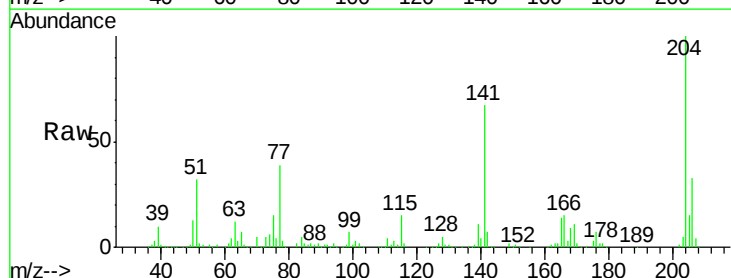


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

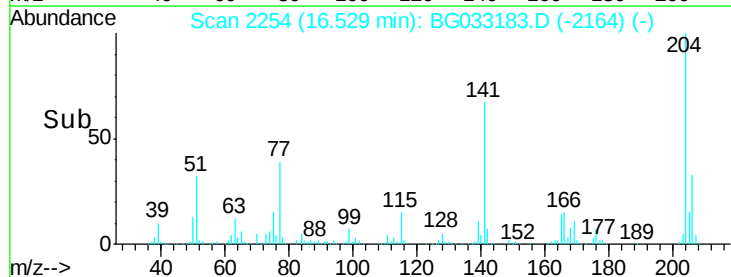
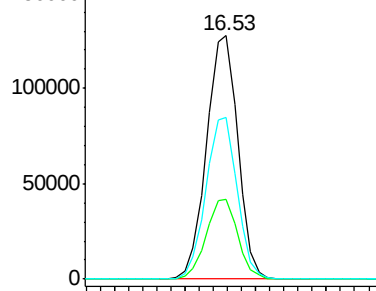


#60
4-Chlorophenyl-phenylether
Concen: 52.277 ng
RT: 16.53 min Scan# 2254
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:204 Resp: 197676
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 66.6 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

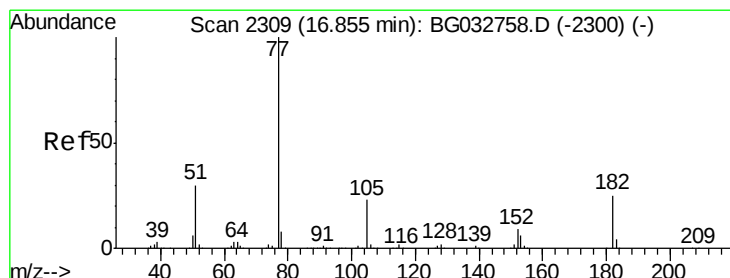
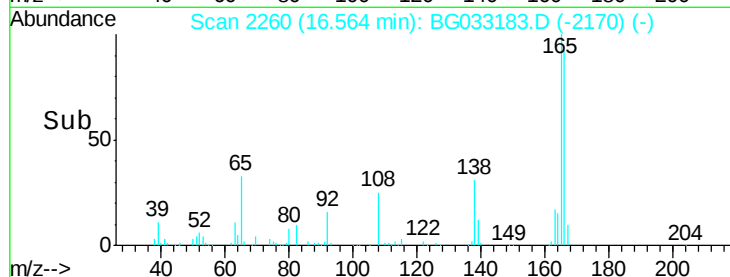
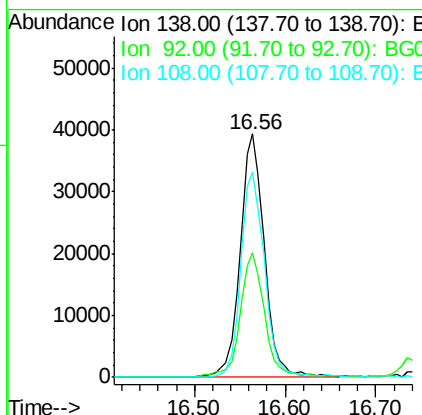
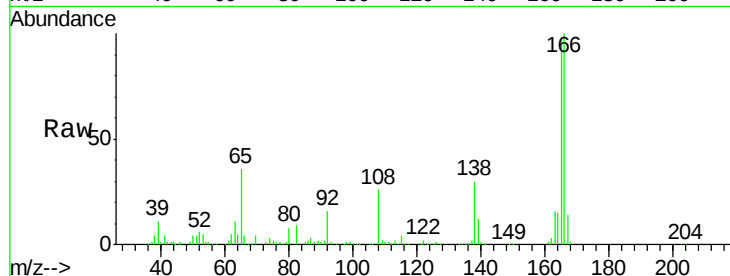




#61
4-Nitroaniline
Concen: 41.012 ng
RT: 16.56 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

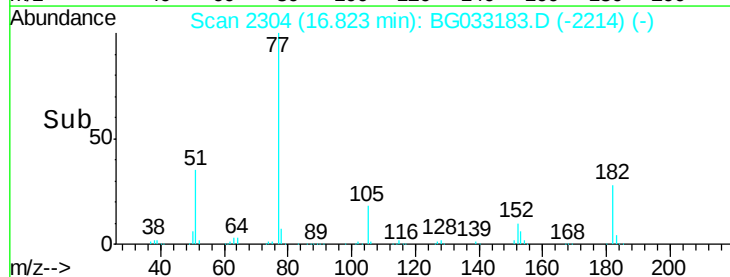
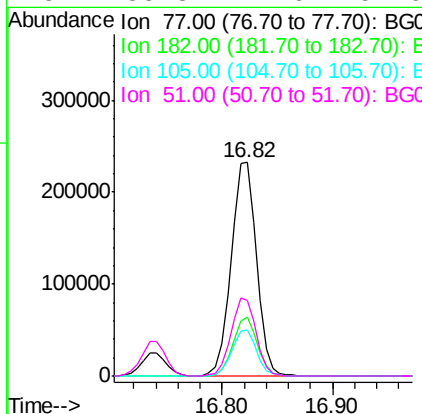
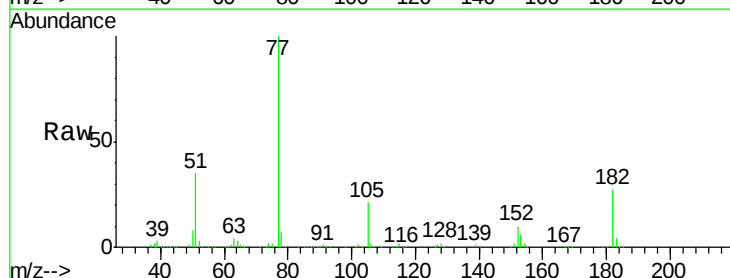
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:138 Resp: 72921
Ion Ratio Lower Upper
138 100
92 51.4 40.1 80.1
108 84.3 65.4 105.4



#62
Azobenzene
Concen: 47.238 ng
RT: 16.82 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion: 77 Resp: 373999
Ion Ratio Lower Upper
77 100
182 27.5 7.4 47.4
105 21.3 0.3 40.3
51 35.3 11.6 51.6

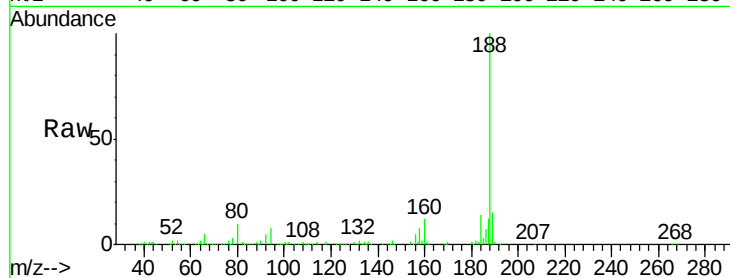




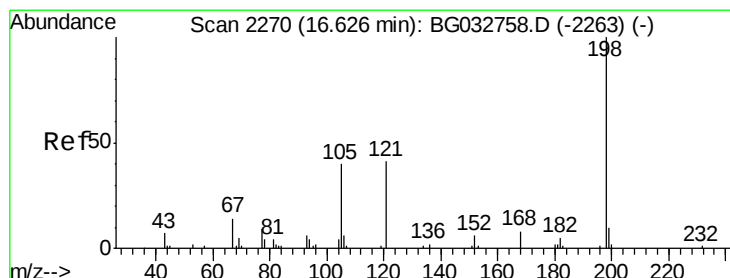
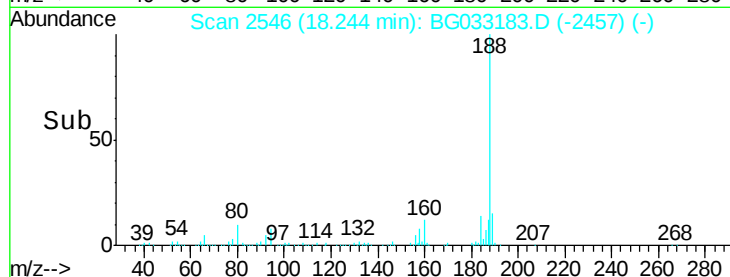
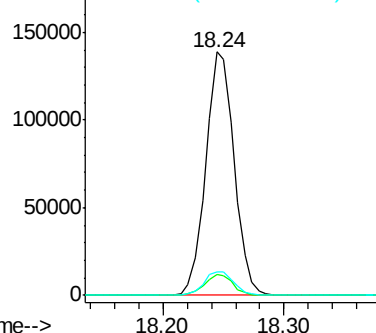
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.24 min Scan# 2546
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

Tot Ion:188 Resp: 227456
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.7 7.7 11.5

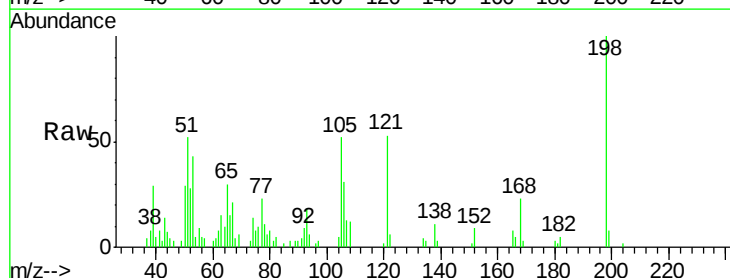


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

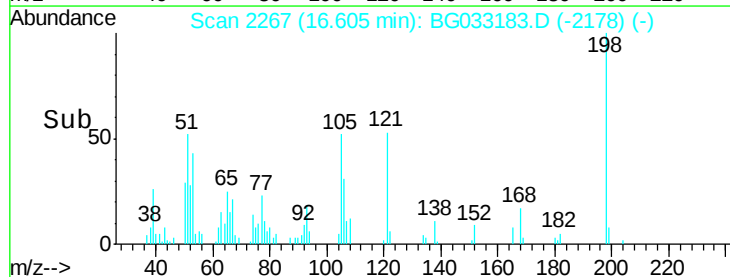
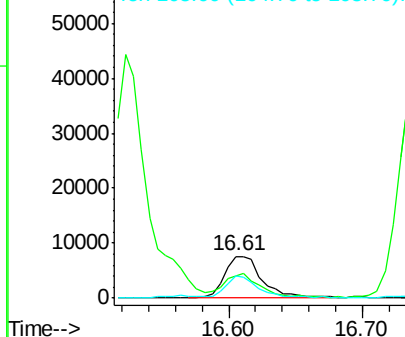


#64
4,6-Dinitro-2-methylphenol
Concen: 28.319 ng
RT: 16.61 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:198 Resp: 15019
Ion Ratio Lower Upper
198 100
51 51.7 30.6 70.6
105 52.3 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.642 ng

RT: 16.74 min Scan# 2290

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

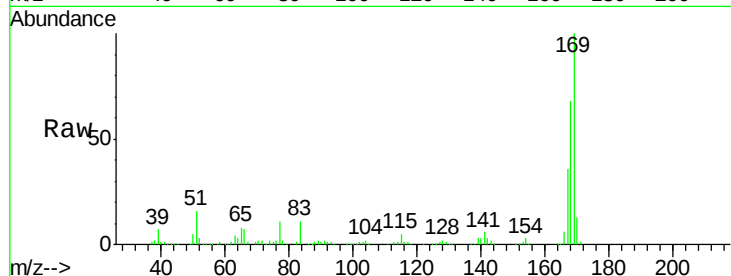
Tot Ion:169 Resp: 352522

Ion Ratio Lower Upper

169 100

168 67.6 55.7 83.5

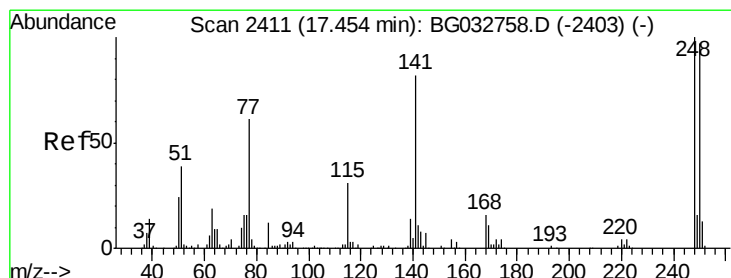
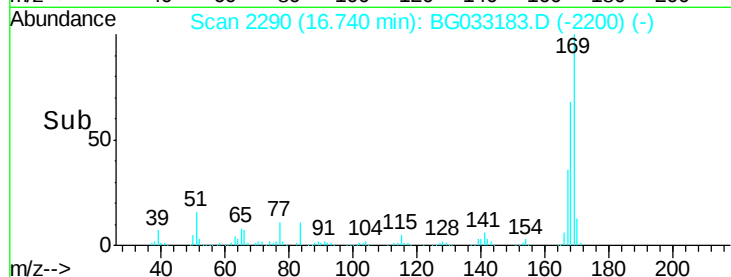
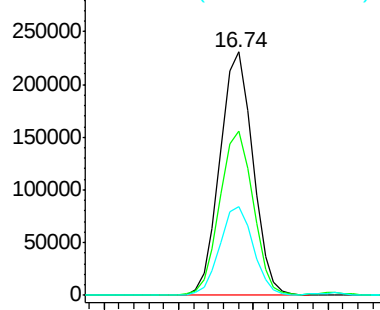
167 36.4 30.1 45.1



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: 52.983 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

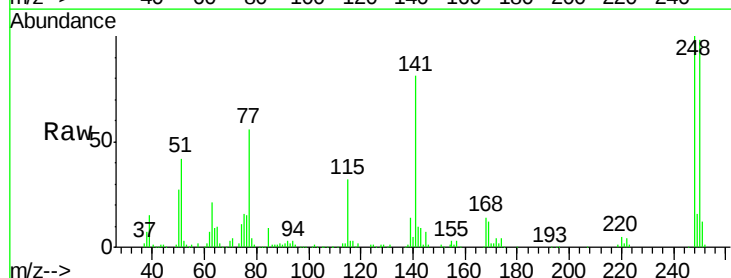
Tgt Ion:248 Resp: 127429

Ion Ratio Lower Upper

248 100

250 97.5 77.1 115.7

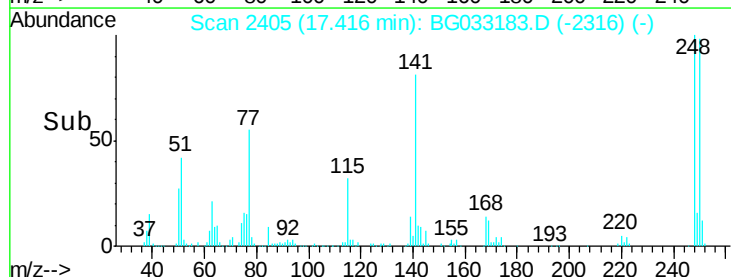
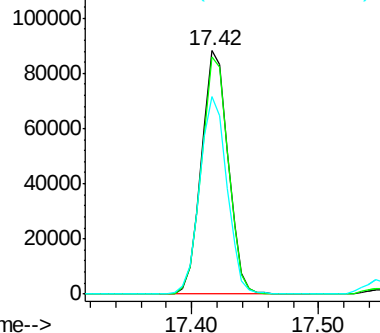
141 81.3 50.8 76.2#

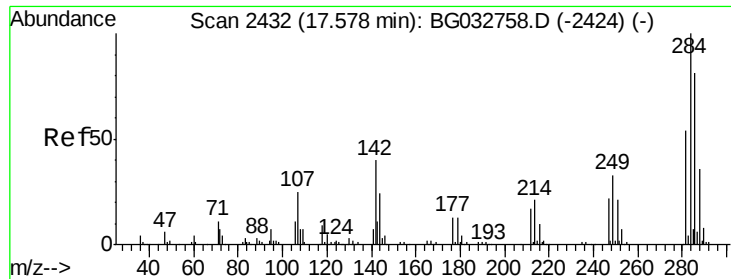


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 53.477 ng

RT: 17.55 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

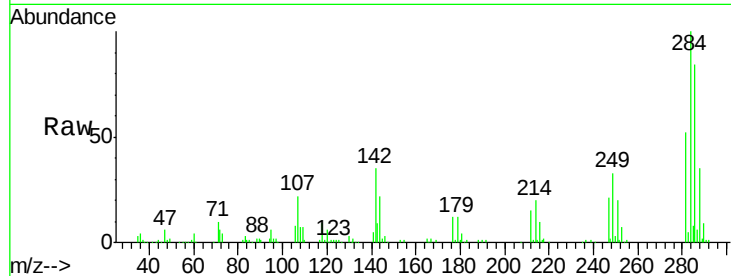
Tot Ion:284 Resp: 138993

Ion Ratio Lower Upper

284 100

142 35.0 26.8 40.2

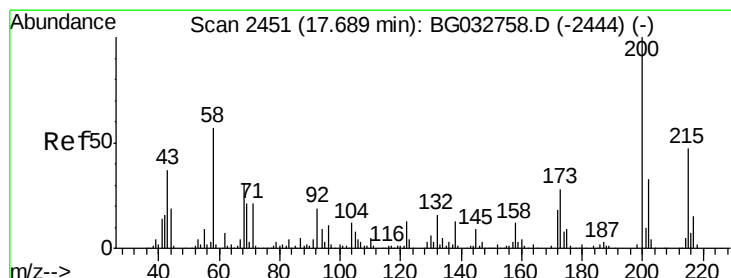
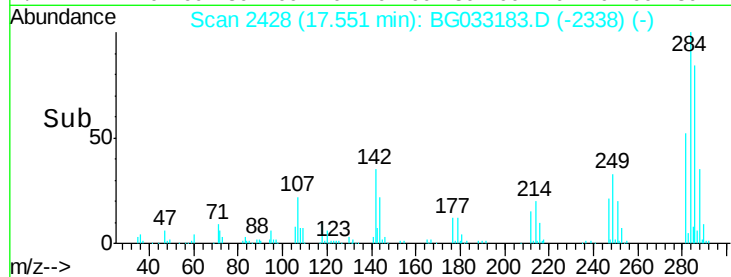
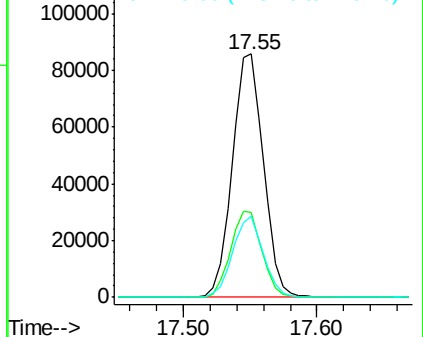
249 33.3 26.3 39.5



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: 51.550 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

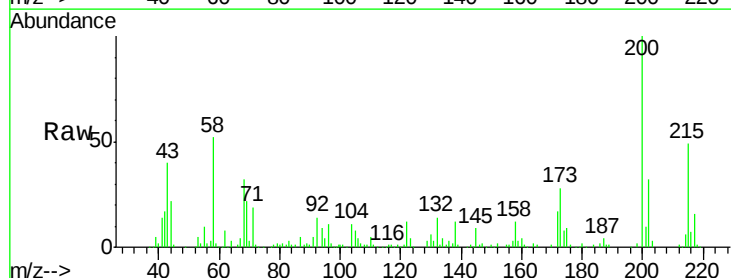
Tgt Ion:200 Resp: 125557

Ion Ratio Lower Upper

200 100

173 28.0 5.2 45.2

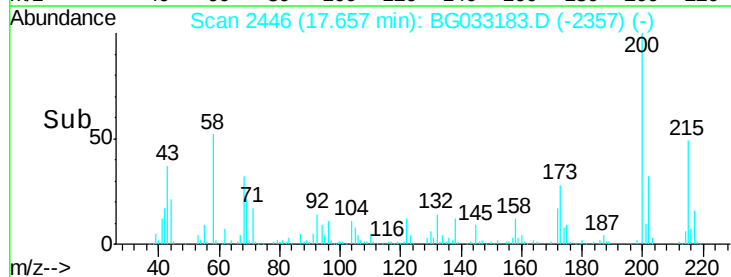
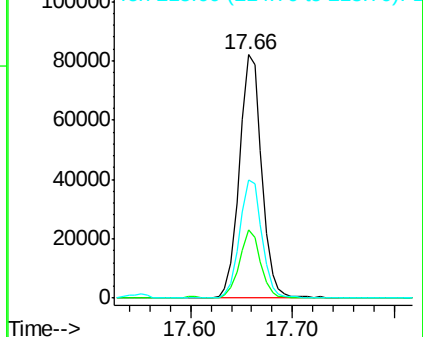
215 48.8 30.4 70.4

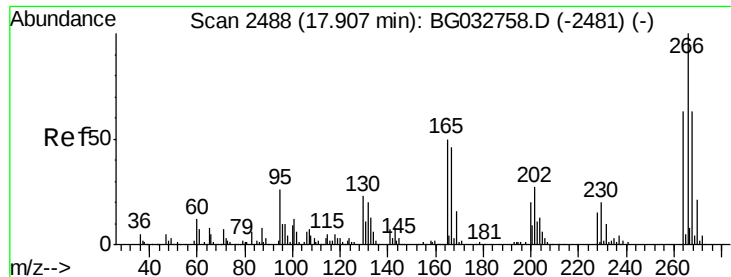


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

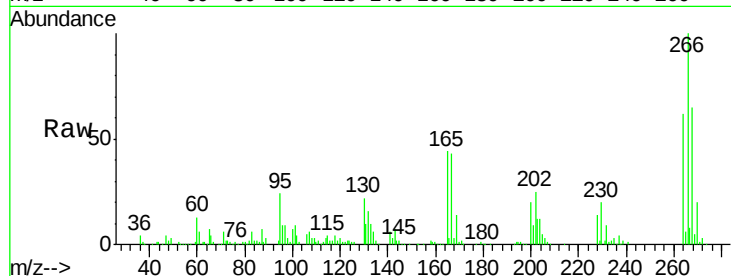




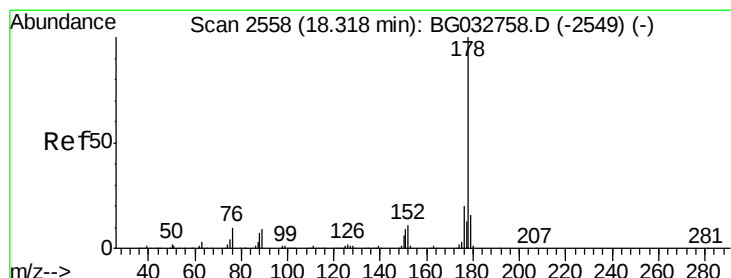
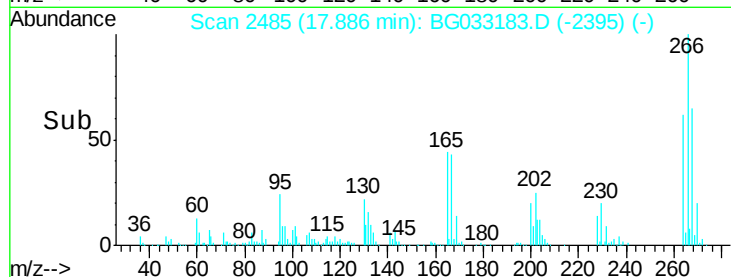
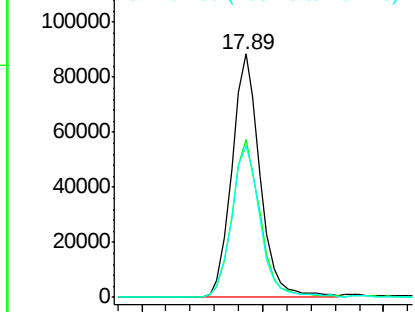
#69
 Pentachlorophenol
 Concen: 87.762 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

Tot Ion:266 Resp: 143677
 Ion Ratio Lower Upper
 266 100
 268 64.6 51.1 76.7
 264 62.0 49.6 74.4

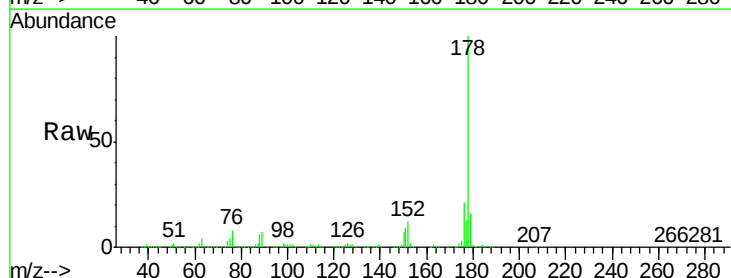


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

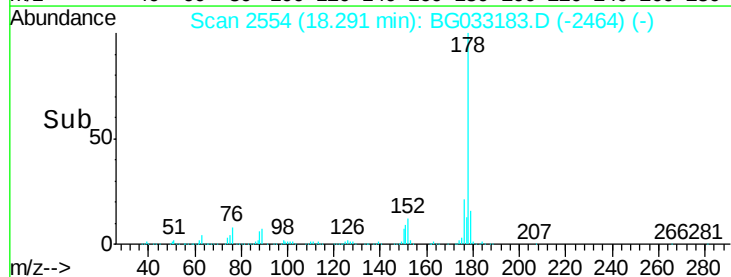
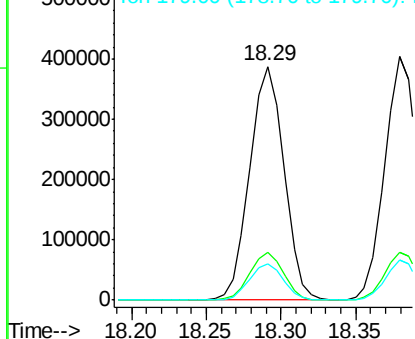


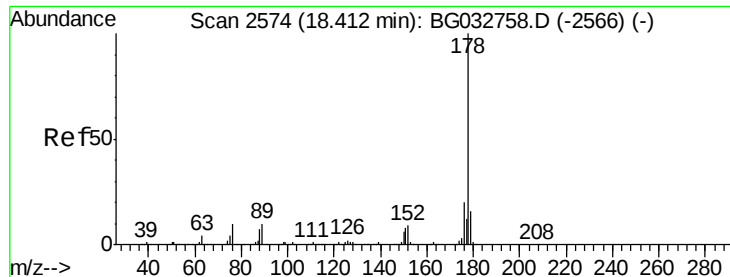
#70
 Phenanthrene
 Concen: 48.444 ng
 RT: 18.29 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion:178 Resp: 614745
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.7 23.5
 179 15.8 12.5 18.7



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: 49.056 ng

RT: 18.38 min Scan# 2569

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

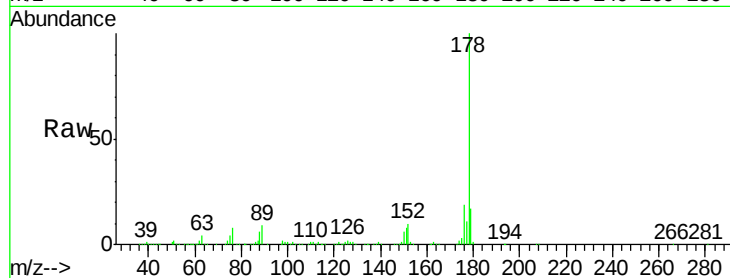
Tot Ion:178 Resp: 624968

Ion Ratio Lower Upper

178 100

176 19.5 16.0 24.0

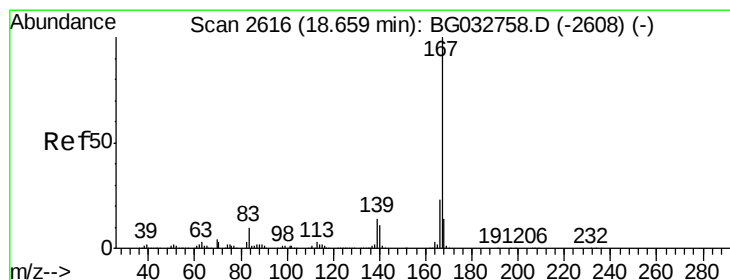
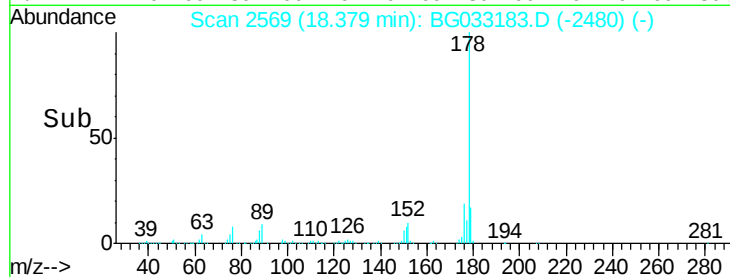
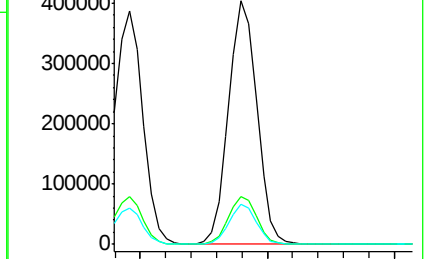
179 16.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.461 ng

RT: 18.64 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

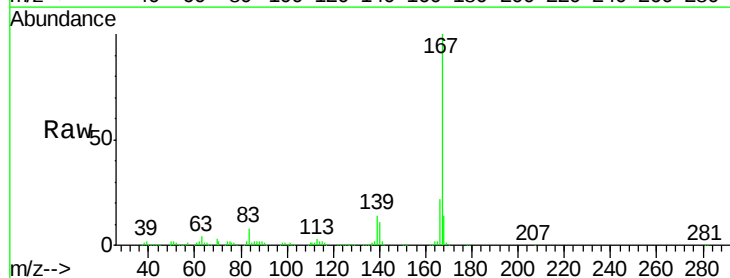
Tgt Ion:167 Resp: 583418

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.4

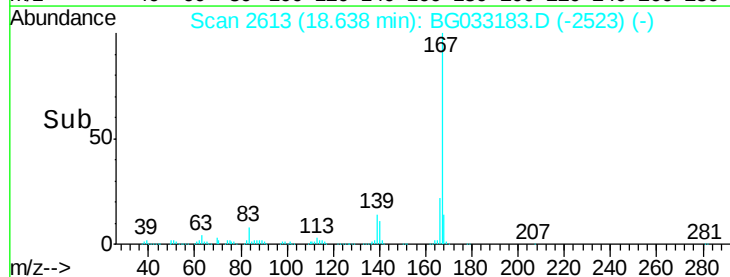
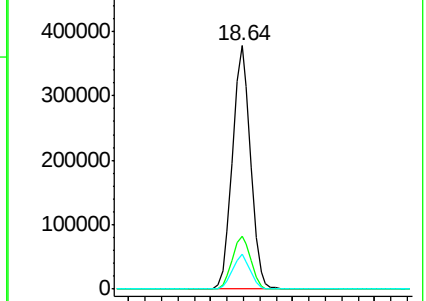
139 14.4 9.4 14.2#

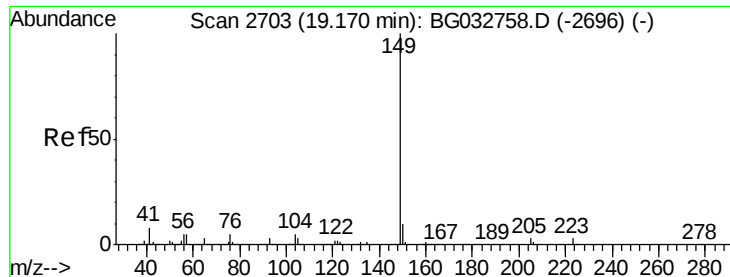


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.005 ng

RT: 19.13 min Scan# 2697

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

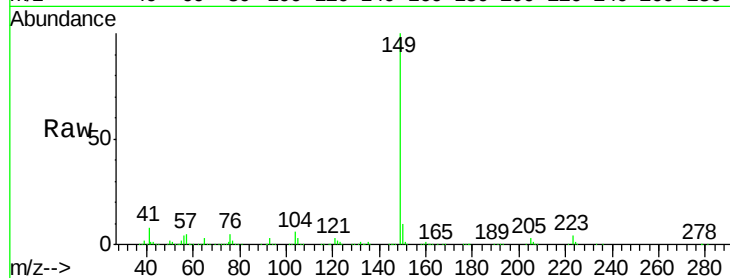
Tot Ion:149 Resp: 708715

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

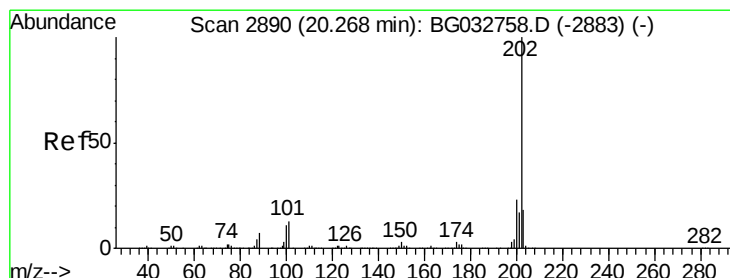
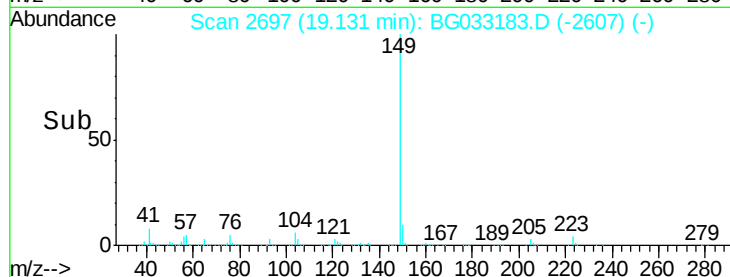
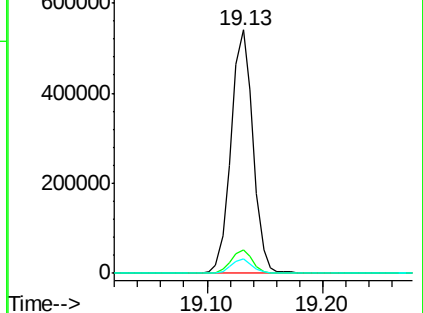
104 5.7 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 50.987 ng

RT: 20.24 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

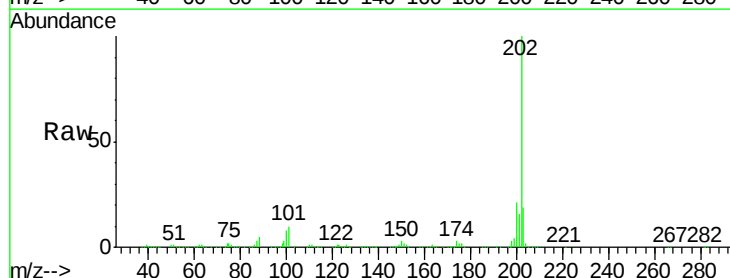
Tgt Ion:202 Resp: 714707

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.9

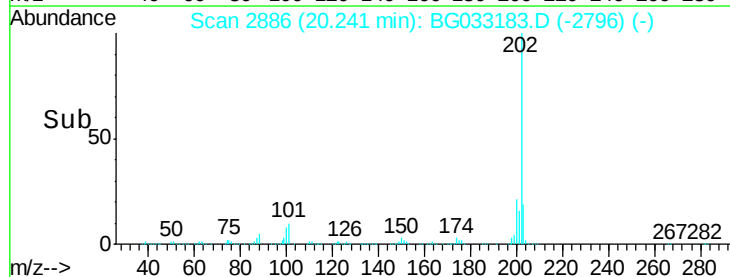
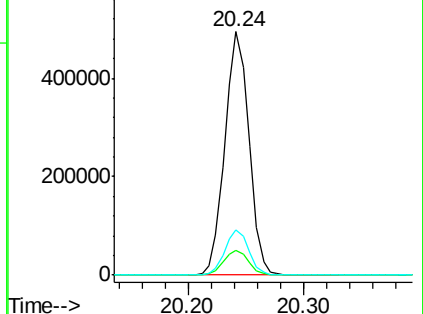
203 18.6 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

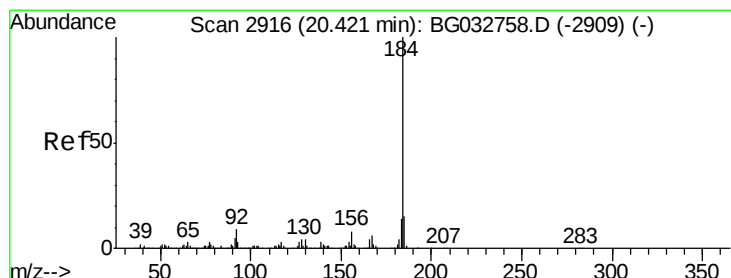
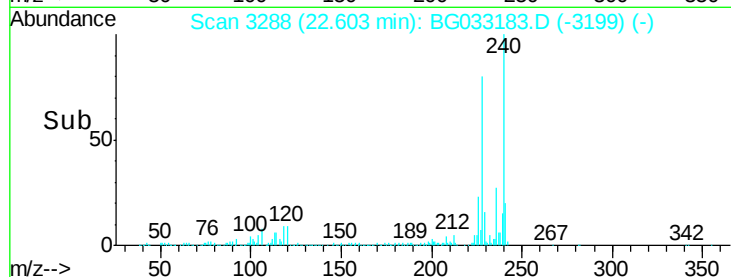
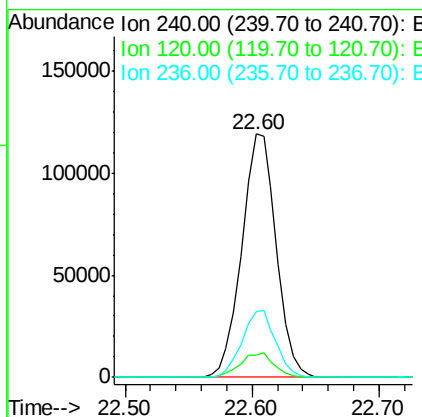
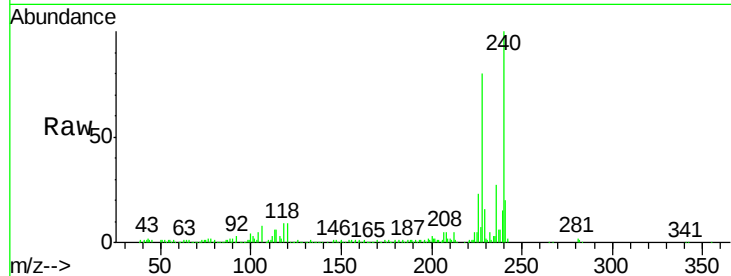




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

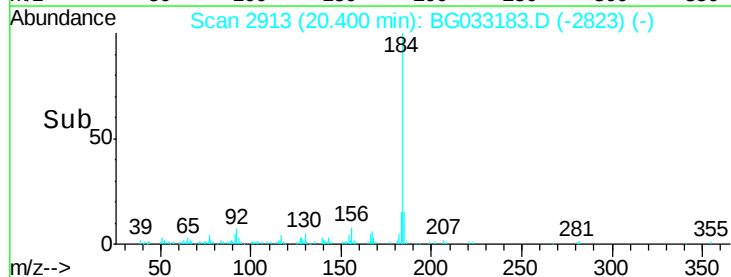
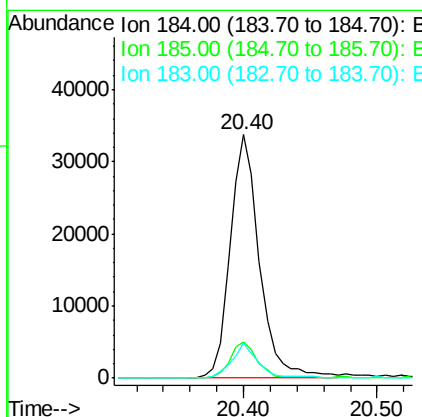
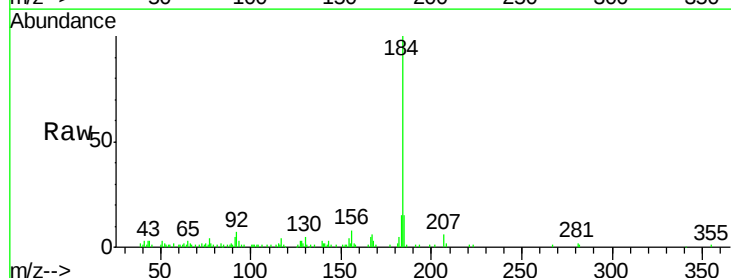
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

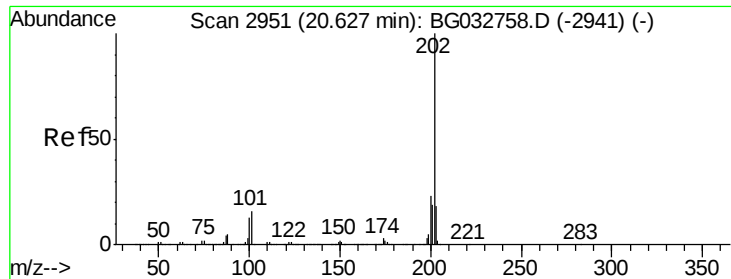
Tot Ion:240 Resp: 224375
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 27.0 20.9 31.3



#76
Benzidine
Concen: 6.748 ng
RT: 20.40 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:184 Resp: 51608
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 14.5 10.6 16.0

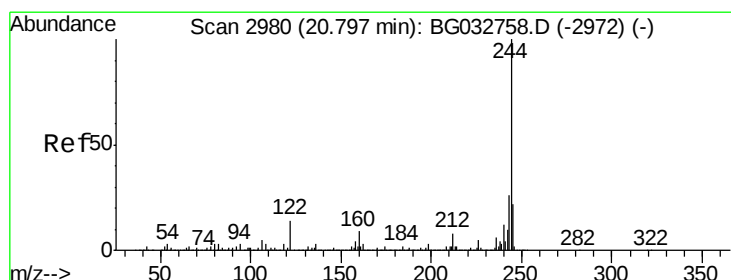
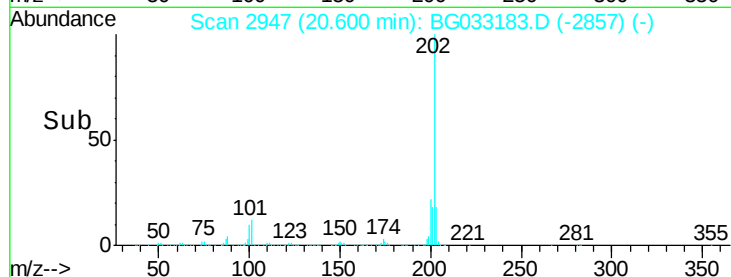
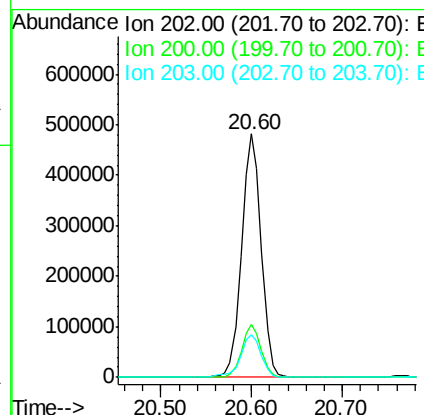
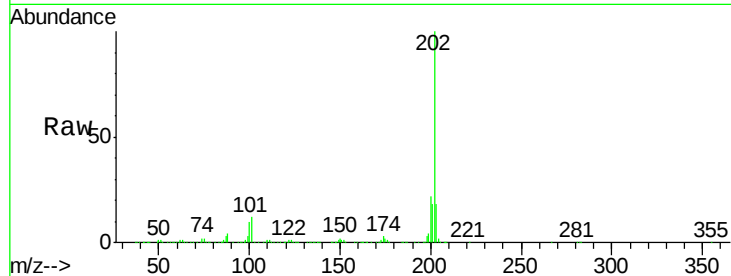




#77
Pvrene
Concen: 45.806 ng
RT: 20.60 min Scan# 2947
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

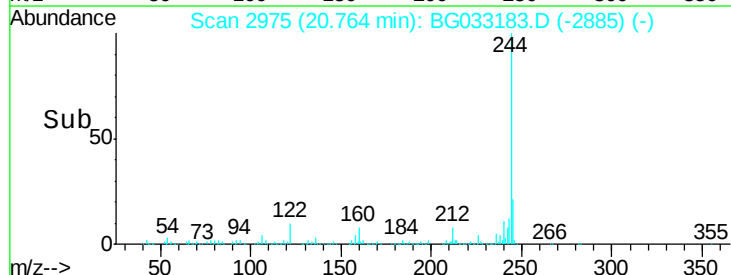
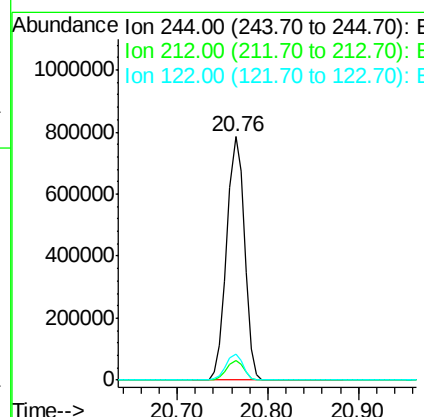
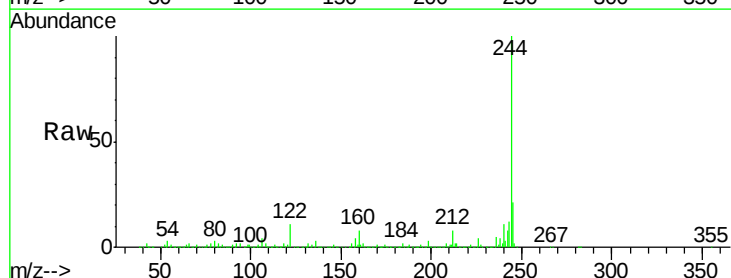
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

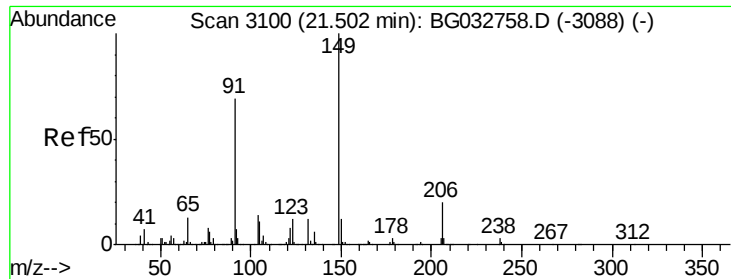
Tot Ion:202 Resp: 724794
Ion Ratio Lower Upper
202 100
200 21.8 16.9 25.3
203 17.7 13.9 20.9



#78
Terphenyl-d14
Concen: 106.665 ng
RT: 20.76 min Scan# 2975
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:244 Resp: 1065231
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.8
122 10.6 7.0 10.4#

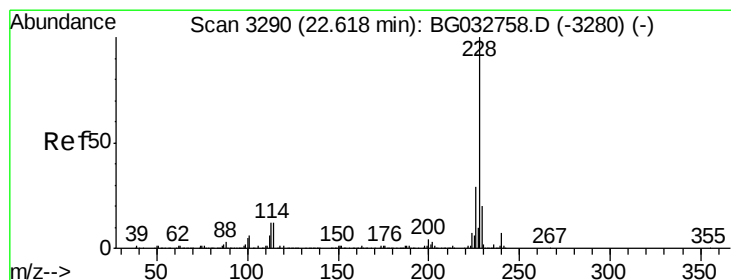
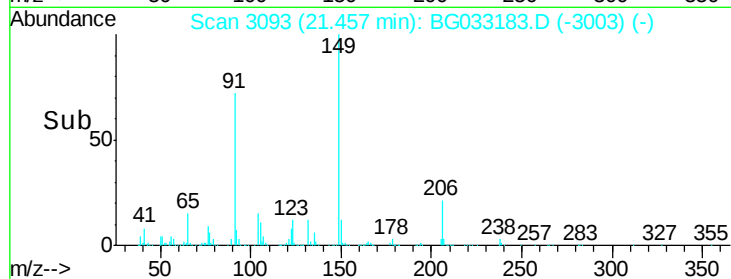
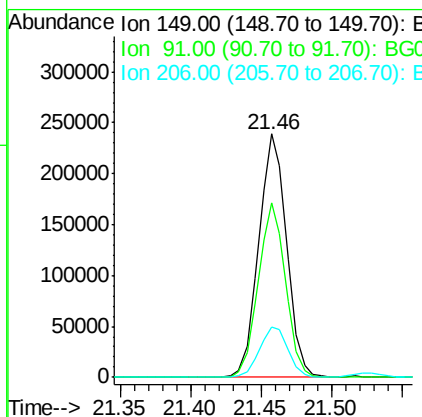
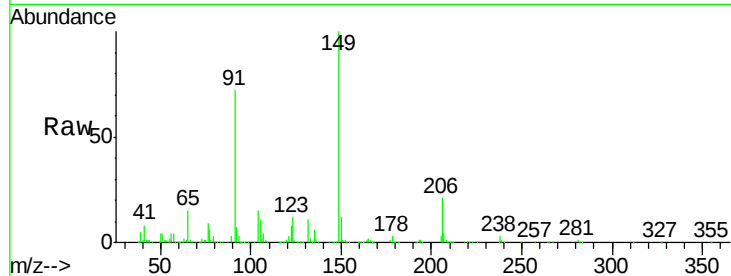




#79
Butylbenzylphthalate
Concen: 47.302 ng
RT: 21.46 min Scan# 3093
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

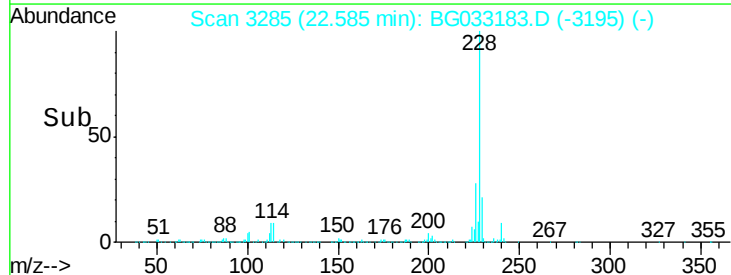
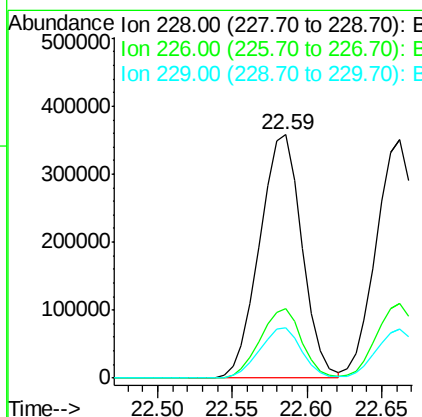
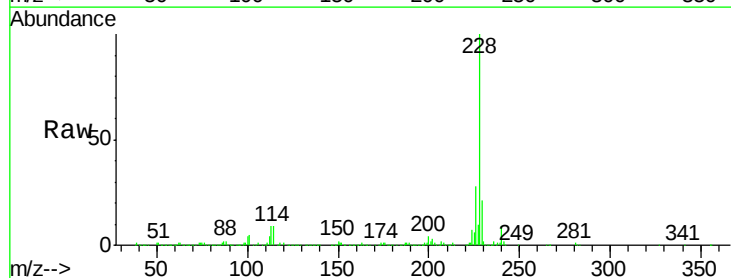
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

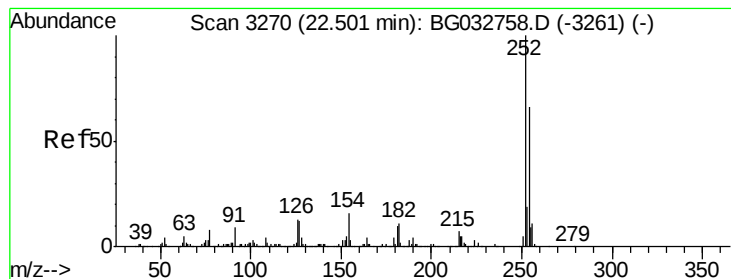
Tot Ion:149 Resp: 331843
Ion Ratio Lower Upper
149 100
91 71.7 62.2 93.2
206 20.6 18.6 27.8



#80
Benzo(a)anthracene
Concen: 49.076 ng
RT: 22.59 min Scan# 3285
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:228 Resp: 706108
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.6 16.2 24.2

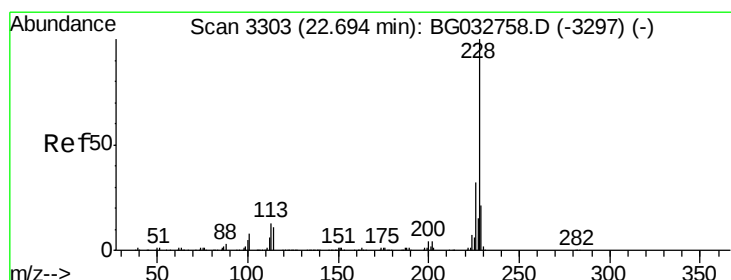
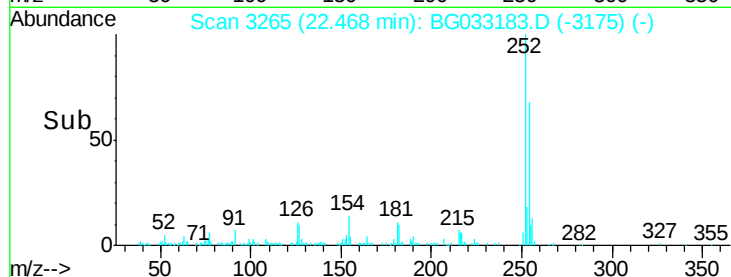
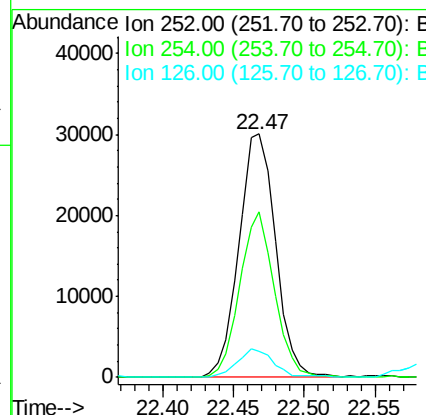
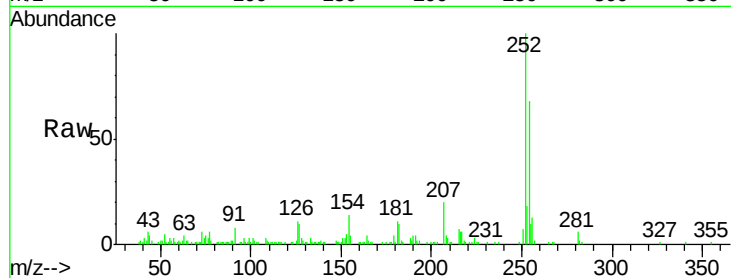




#81
 3,3'-Dichlorobenzidine
 Concen: 10.242 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

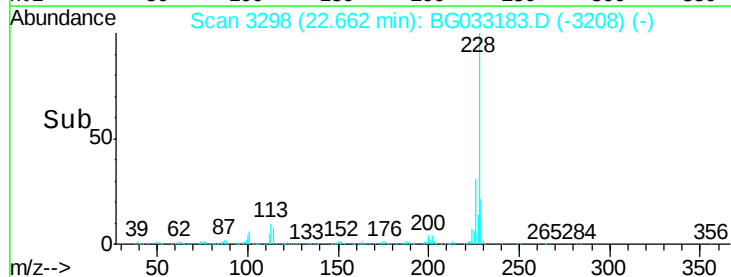
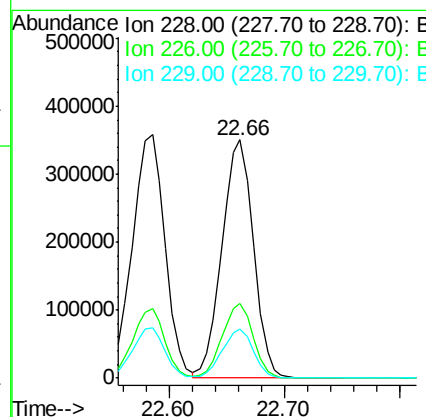
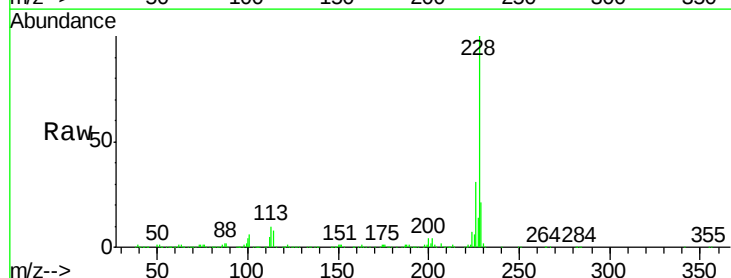
Instrument :
 BNA_G
 ClientSampleId :
 OILY-SOIL-124029MS

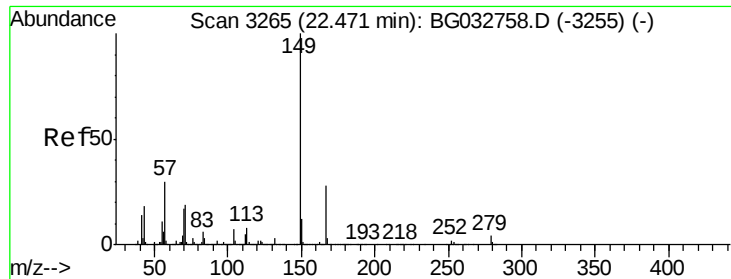
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.9	50.8	76.2
126	10.8	7.4	11.2



#82
 Chrysene
 Concen: 47.991 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: BG033183.D
 Acq: 15 Mar 2018 19:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.9	37.3
229	20.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.250 ng

RT: 22.40 min Scan# 3254

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

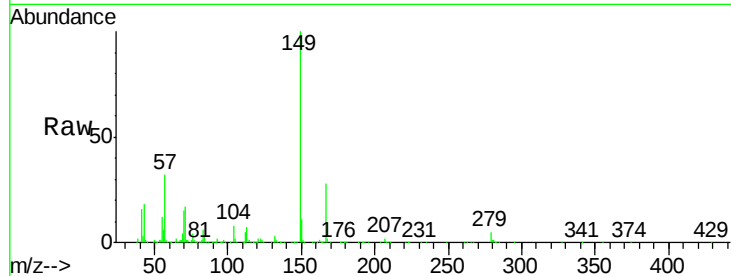
Tot Ion:149 Resp: 459514

Ion Ratio Lower Upper

149 100

167 28.0 24.3 36.5

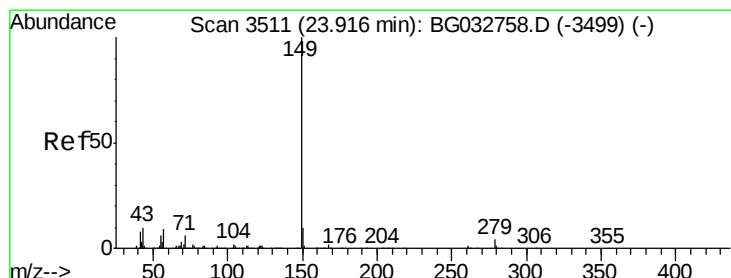
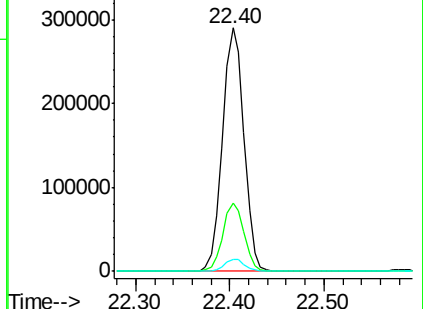
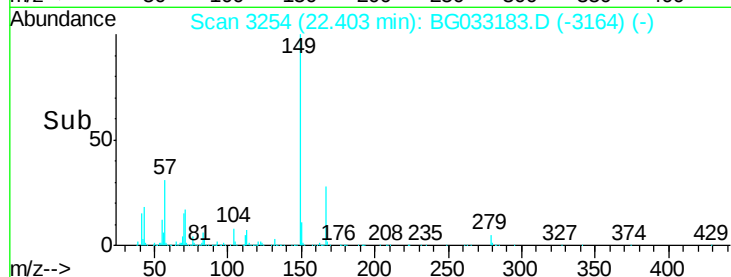
279 5.1 4.0 6.0



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: 50.173 ng

RT: 23.81 min Scan# 3494

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

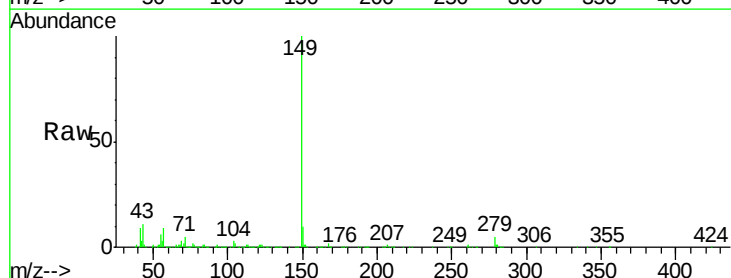
Tgt Ion:149 Resp: 794162

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

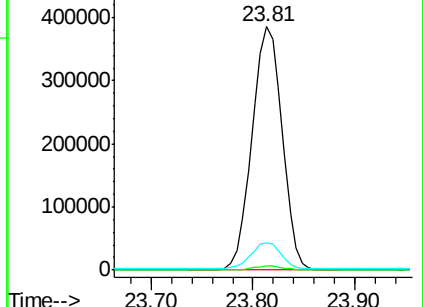
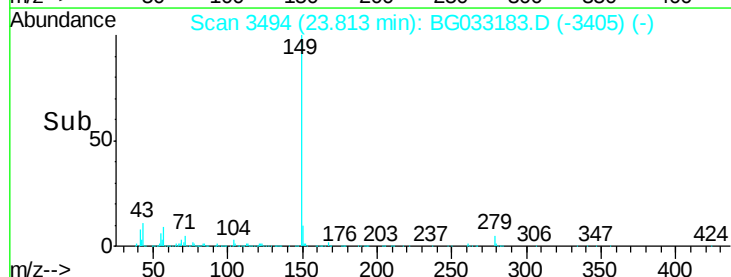
43 10.8 8.9 13.3

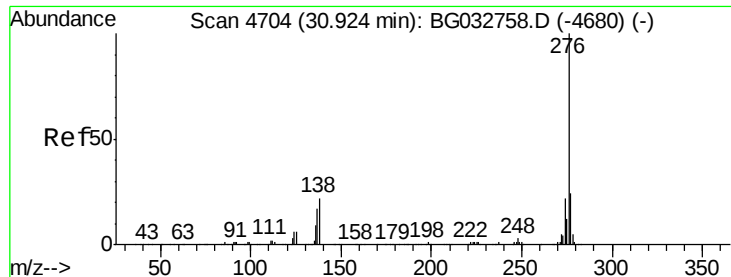


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO

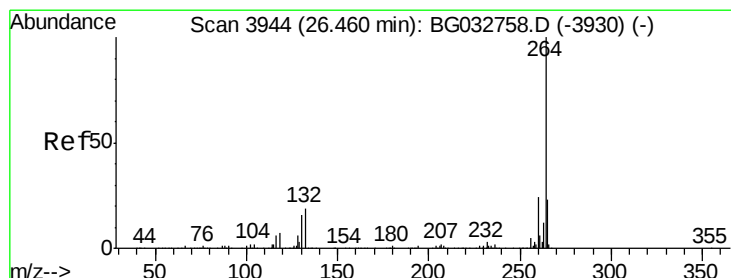
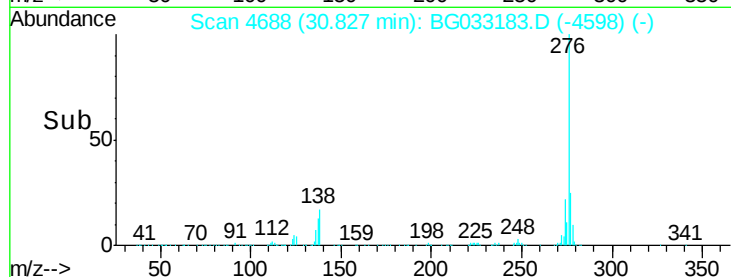
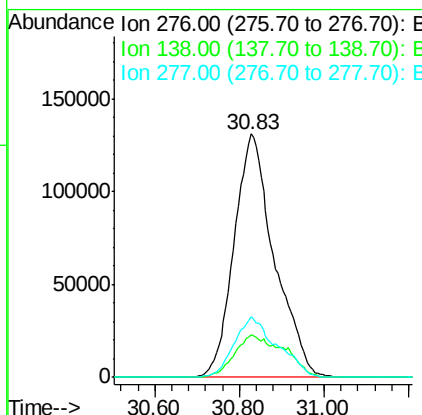
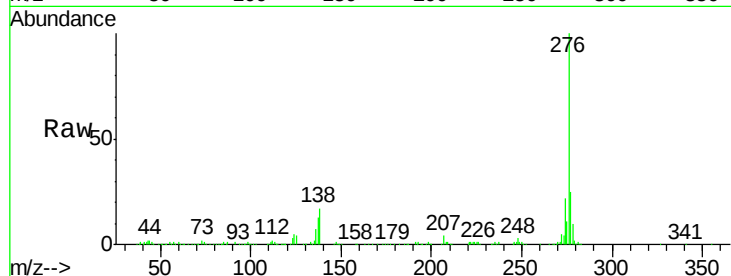




#85
Indeno(1,2,3-cd)pyrene
Concen: 53.876 ng
RT: 30.83 min Scan# 4688
Delta R.T. 0.00 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

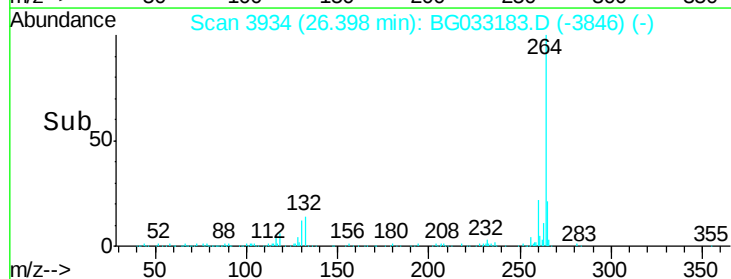
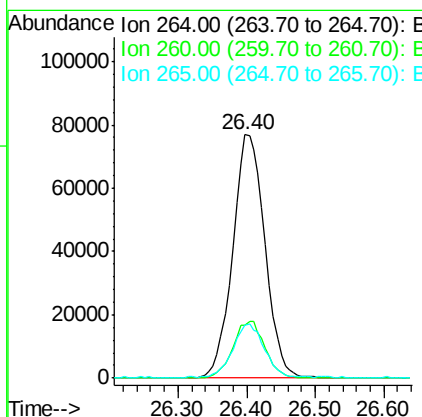
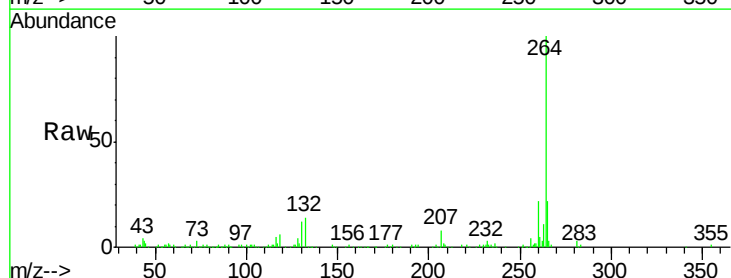
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

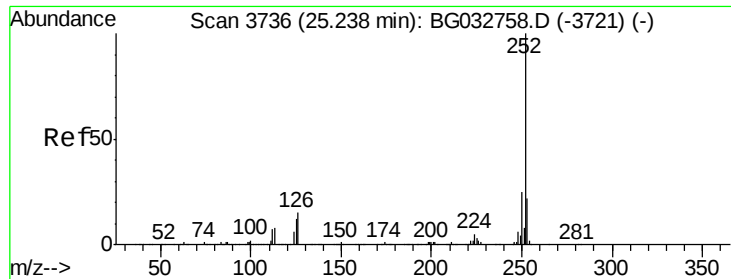
Tot Ion:276 Resp: 863578
Ion Ratio Lower Upper
276 100
138 21.6 16.0 24.0
277 26.4 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.40 min Scan# 3934
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:264 Resp: 250261
Ion Ratio Lower Upper
264 100
260 22.0 17.4 26.0
265 21.6 17.7 26.5

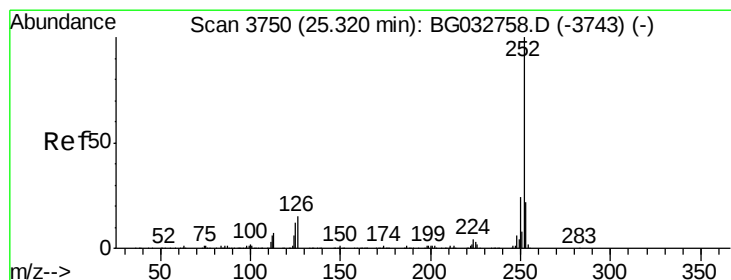
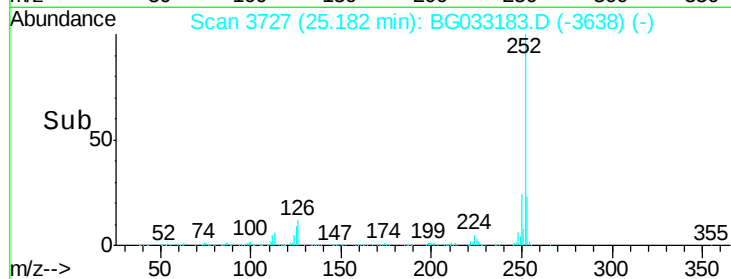
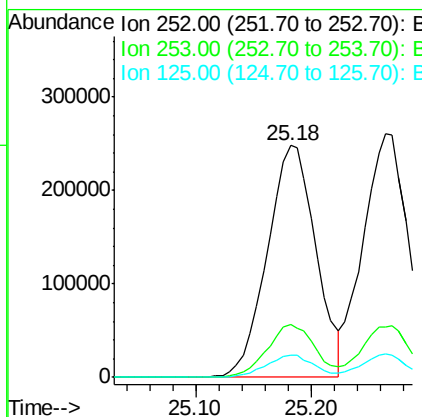
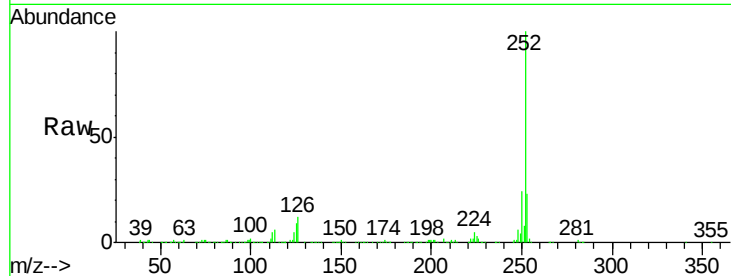




#87
Benzo(b)fluoranthene
Concen: 49.020 ng
RT: 25.18 min Scan# 3727
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

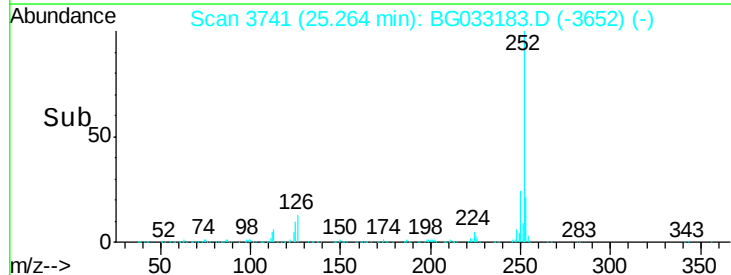
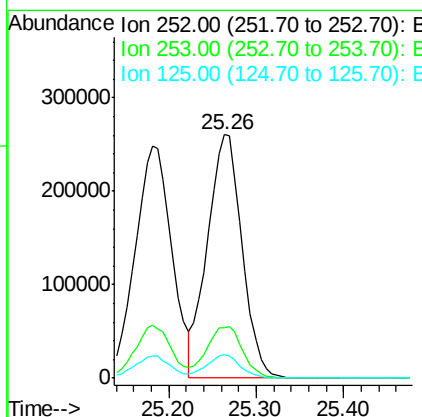
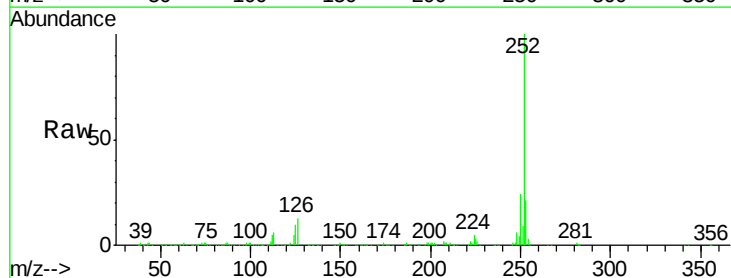
Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MS

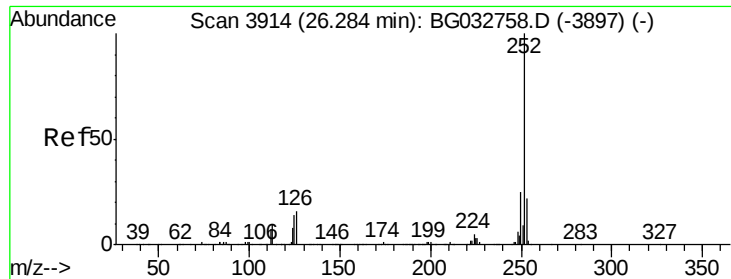
Tot Ion:252 Resp: 725360
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 9.4 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 48.504 ng
RT: 25.26 min Scan# 3741
Delta R.T. -0.01 min
Lab File: BG033183.D
Acq: 15 Mar 2018 19:09

Tgt Ion:252 Resp: 713292
Ion Ratio Lower Upper
252 100
253 20.8 17.4 26.2
125 9.6 6.6 9.8





#89

Benzo(a)pyrene

Concen: 50.028 ng

RT: 26.23 min Scan# 3905

Delta R.T. 0.00 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

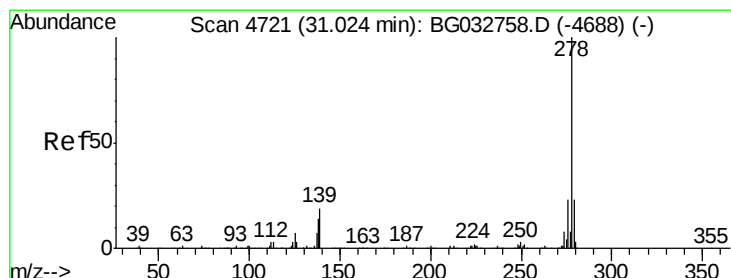
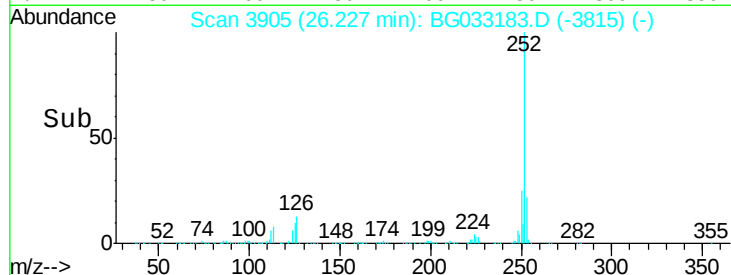
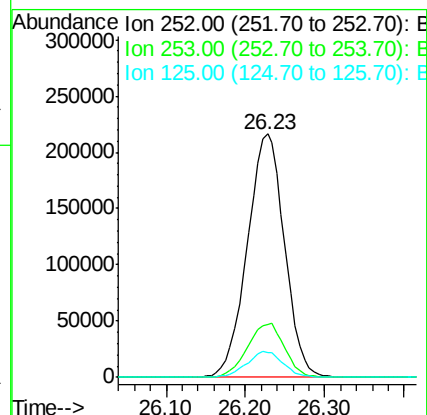
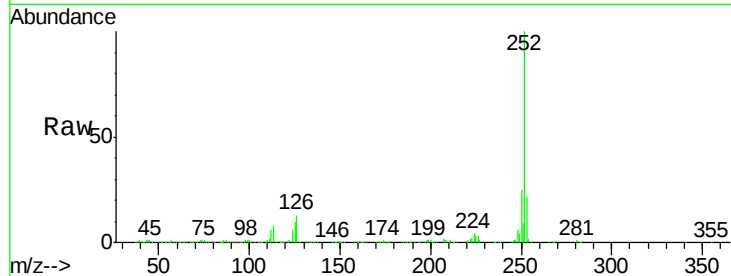
Tot Ion:252 Resp: 704103

Ion Ratio Lower Upper

252 100

253 21.9 18.3 27.5

125 10.4 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 51.254 ng

RT: 30.91 min Scan# 4702

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

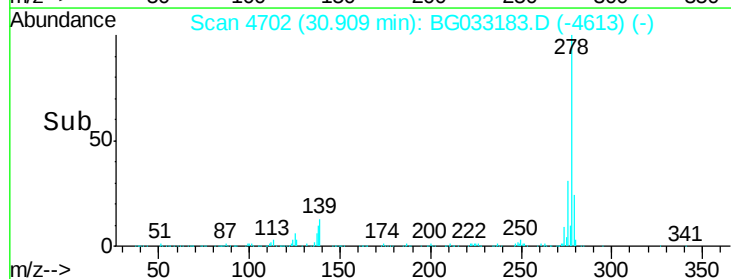
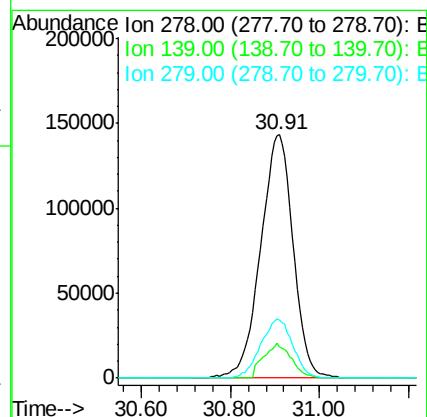
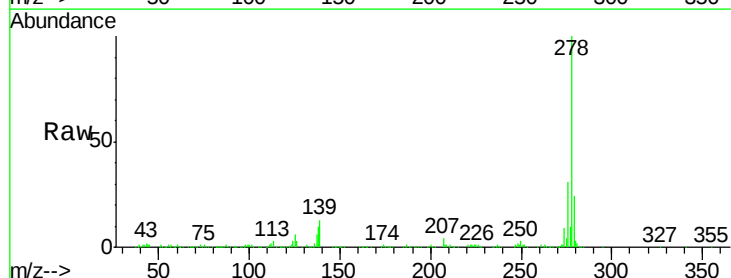
Tgt Ion:278 Resp: 726099

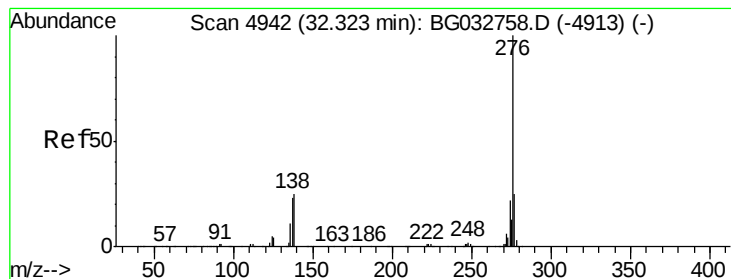
Ion Ratio Lower Upper

278 100

139 12.7 9.8 14.6

279 23.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 51.215 ng

RT: 32.23 min Scan# 4927

Delta R.T. -0.01 min

Lab File: BG033183.D

Acq: 15 Mar 2018 19:09

Instrument :

BNA_G

ClientSampleId :

OILY-SOIL-124029MS

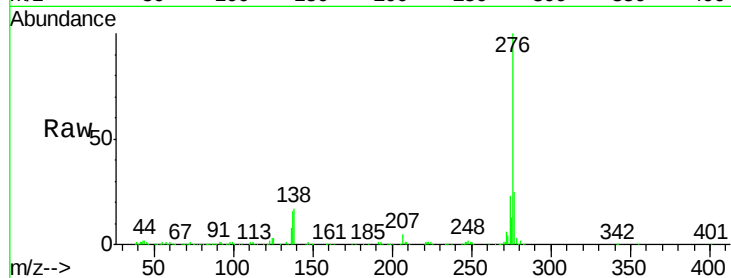
Tot Ion:276 Resp: 715222

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 16.7 13.9 20.9



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

