

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037425.D
 Acq On : 18 Oct 2018 18:37
 Operator : JU/SJ
 Sample : J5164-01
 Misc : LOD 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Quant Time: Oct 19 06:58:46 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51906	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	239281	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	158677	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	394595	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368338	20.00	ng	0.00
87) Perylene-d12	25.11	264	370525	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	440628	141.92	ng	0.00
7) Phenol-d6	7.25	99	633460	134.93	ng	0.00
23) Nitrobenzene-d5	9.29	82	357171	83.62	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	243295	140.58	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	866854	82.38	ng	0.00
79) Terphenyl-d14	20.09	244	1359368	78.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	10513	6.677	ng	92
3) Pyridine	3.95	79	29127	7.340	ng	95
4) n-Nitrosodimethylamine	3.86	42	11642	8.236	ng	# 81
6) Aniline	7.44	93	29602	5.169	ng	98
8) 2-Chlorophenol	7.66	128	28432	7.828	ng	94
9) Benzaldehyde	7.25	77	20814	7.087	ng	92
10) Phenol	7.27	94	38980	7.869	ng	95
11) bis(2-Chloroethyl)ether	7.52	93	28347	7.535	ng	100
12) 1,3-Dichlorobenzene	7.99	146	30788	7.614	ng	96
13) 1,4-Dichlorobenzene	8.15	146	30946	7.482	ng	99
14) 1,2-Dichlorobenzene	8.46	146	30407	7.643	ng	97
15) Benzyl Alcohol	8.35	79	24292	7.003	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.63	45	51392	7.635	ng	97
17) 2-Methylphenol	8.54	107	25518	7.792	ng	90
18) Hexachloroethane	9.19	117	10919	7.744	ng	84
19) n-Nitroso-di-n-propylamine	8.91	70	23859	7.380	ng	98
20) 3+4-Methylphenols	8.86	107	35171	7.512	ng	97
22) Acetophenone	8.94	105	46778	7.795	ng	# 96
24) Nitrobenzene	9.33	77	34952	7.877	ng	93
25) Isophorone	9.84	82	64707	8.291	ng	96
26) 2-Nitrophenol	10.04	139	13087	6.547	ng	94
27) 2,4-Dimethylphenol	10.08	122	30313	8.493	ng	98
28) bis(2-Chloroethoxy)methane	10.33	93	40442	7.909	ng	95
29) 2,4-Dichlorophenol	10.56	162	28986	7.294	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	32324	7.480	ng	98
31) Naphthalene	10.98	128	99130	8.435	ng	95
32) Benzoic acid	10.13	122	8376	3.613	ng	97
33) 4-Chloroaniline	11.09	127	28760	5.208	ng	97
34) Hexachlorobutadiene	11.25	225	18438	7.199	ng	95
35) Caprolactam	11.85	113	10120	6.350	ng	94
36) 4-Chloro-3-methylphenol	12.19	107	33488	7.472	ng	99
37) 2-Methylnaphthalene	12.58	142	74595	8.707	ng	98
38) 1-Methylnaphthalene	12.79	142	71471	8.590	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	37178	7.264	ng	99

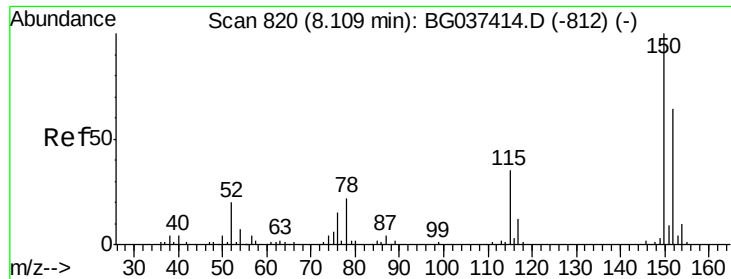
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037425.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	18553	7.589	ng	95
43) 2,4,6-Trichlorophenol	13.17	196	24359	7.124	ng	99
44) 2,4,5-Trichlorophenol	13.24	196	28222	7.581	ng	95
46) 1,1'-Biphenyl	13.58	154	96440	7.339	ng	96
47) 2-Chloronaphthalene	13.62	162	78156	7.861	ng	94
48) 2-Nitroaniline	13.83	65	22139	7.343	ng	99
49) Acenaphthylene	14.47	152	127941	8.555	ng	99
50) Dimethylphthalate	14.19	163	102435	8.345	ng	98
51) 2,6-Dinitrotoluene	14.32	165	20375	7.503	ng	96
52) Acenaphthene	14.80	154	74652	8.105	ng	98
53) 3-Nitroaniline	14.65	138	18525	6.145	ng	96
54) 2,4-Dinitrophenol	14.86	184	1353	8.255	ng	# 62
55) Dibenzofuran	15.14	168	125236	8.207	ng	98
56) 4-Nitrophenol	14.93	139	11966	5.362	ng	94
57) 2,4-Dinitrotoluene	15.10	165	27282	7.653	ng	93
58) Fluorene	15.78	166	99832	8.736	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	25291	7.934	ng	# 95
60) Diethylphthalate	15.54	149	102836	8.160	ng	97
61) 4-Chlorophenyl-phenylether	15.77	204	52786	7.925	ng	96
62) 4-Nitroaniline	15.81	138	21820	7.284	ng	90
63) Azobenzene	16.07	77	100345	8.345	ng	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	5752	10.793	ng	89
66) n-Nitrosodiphenylamine	15.99	169	89487	7.539	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	31799	7.338	ng	99
68) Hexachlorobenzene	16.78	284	33290	7.412	ng	94
69) Atrazine	16.93	200	31539	7.349	ng	98
70) Pentachlorophenol	17.12	266	12023	3.997	ng	95
71) Phenanthrene	17.53	178	175634	8.758	ng	97
72) Anthracene	17.62	178	173764	8.829	ng	99
73) Carbazole	17.89	167	153422	7.793	ng	99
74) Di-n-butylphthalate	18.43	149	172018	7.855	ng	96
75) Fluoranthene	19.53	202	199393	8.766	ng	99
77) Benzidine	19.71	184	21066	1.682	ng	97
78) Pyrene	19.89	202	201260	8.358	ng	96
80) Butylbenzylphthalate	20.77	149	71281	7.233	ng	95
81) Benzo(a)anthracene	21.75	228	187192	8.592	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	44396	5.257	ng	100
83) Chrysene	21.82	228	172928	8.254	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	101174	7.324	ng	100
85) Di-n-octyl phthalate	22.88	149	165130	7.331	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	156916	6.983	ng	# 78
88) Benzo(b)fluoranthene	24.04	252	167821	8.262	ng	99
89) Benzo(k)fluoranthene	24.10	252	171794	8.632	ng	98
90) Benzo(a)pyrene	24.94	252	160675	8.324	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	129169	7.255	ng	99
92) Benzo(g,h,i)perylene	30.13	276	137606	7.639	ng	99

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

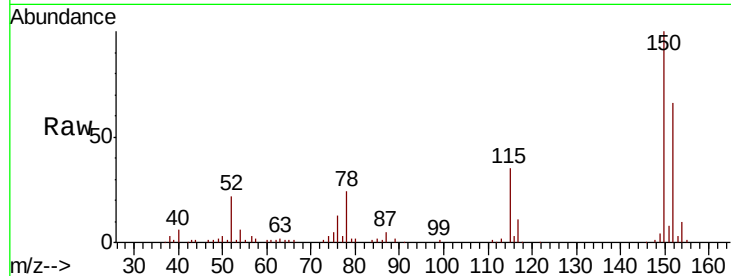


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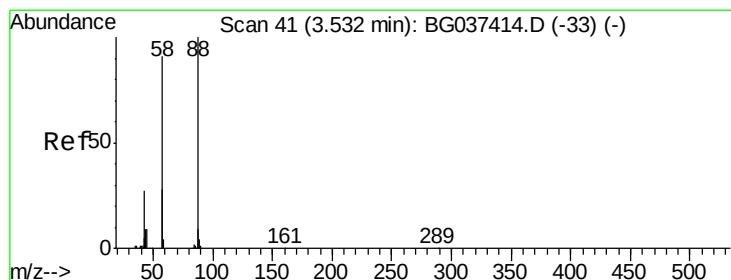
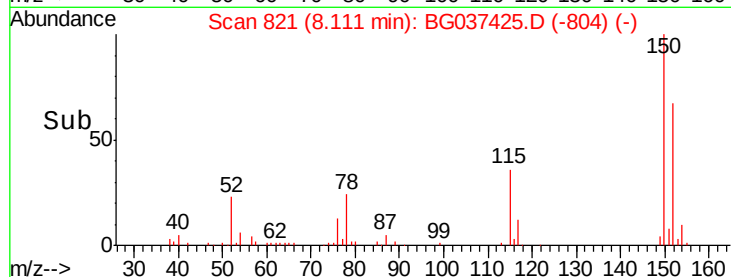
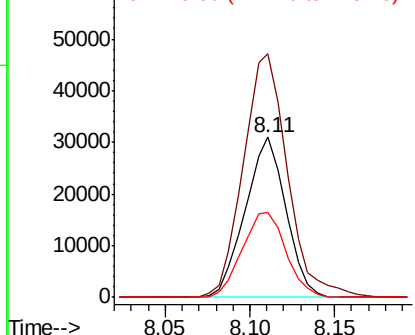
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:152 Resp: 51906
Ion Ratio Lower Upper
152 100
150 152.1 126.0 189.0
115 53.3 45.5 68.3



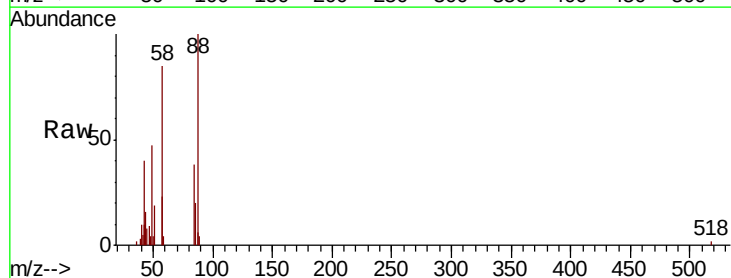
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



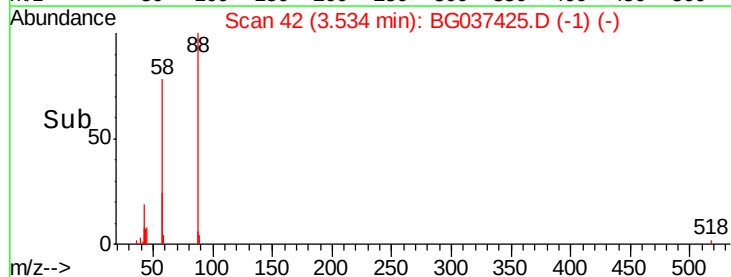
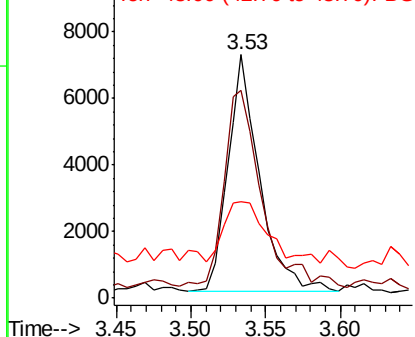
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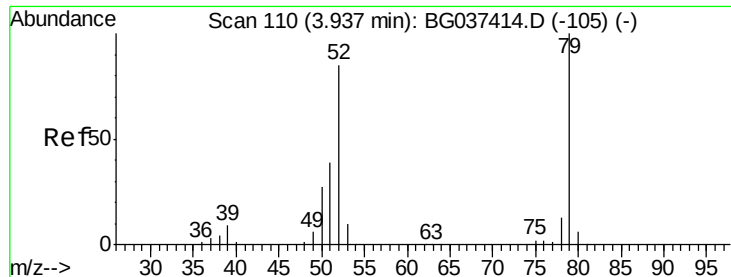
1,4-Dioxane
Concen: 6.677 ng
RT: 3.53 min Scan# 42
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion: 88 Resp: 10513
Ion Ratio Lower Upper
88 100
58 101.1 74.4 111.6
43 36.6 25.8 38.8



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: 7.340 ng

RT: 3.95 min Scan# 112

Delta R.T. 0.01 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

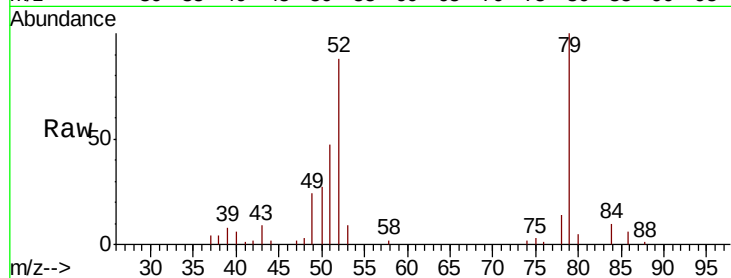
Tot Ion: 79 Resp: 29127

Ion Ratio Lower Upper

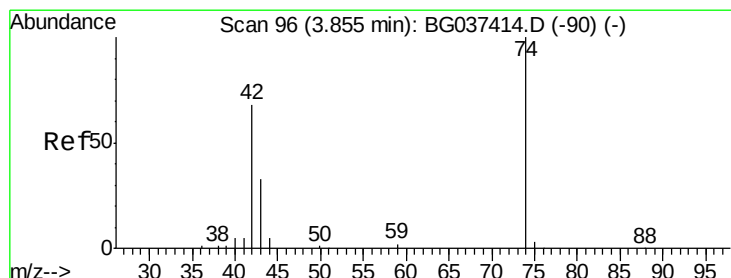
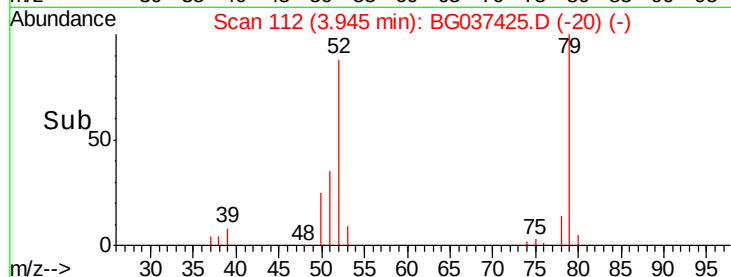
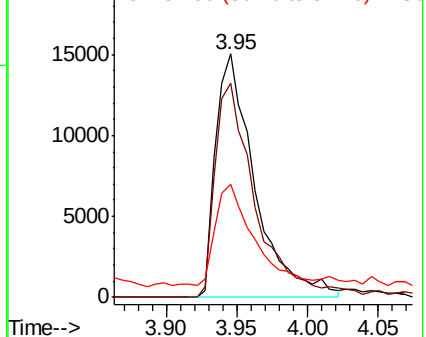
79 100

52 87.8 74.2 111.2

51 46.5 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 8.236 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

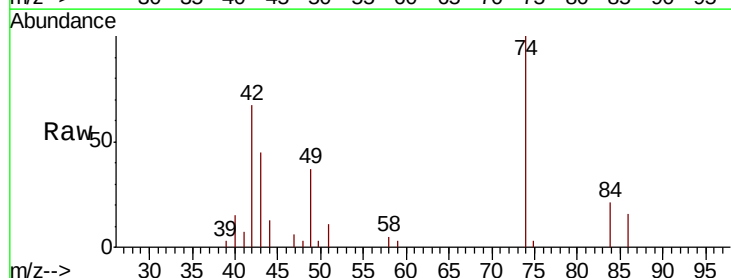
Tgt Ion: 42 Resp: 11642

Ion Ratio Lower Upper

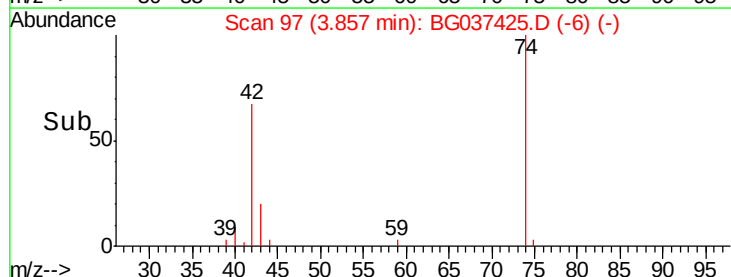
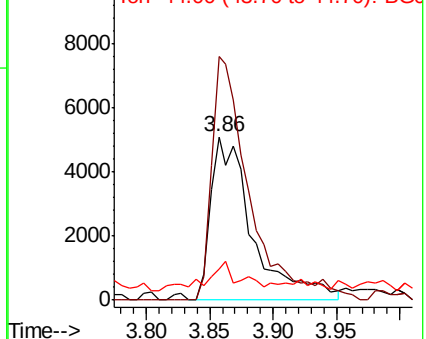
42 100

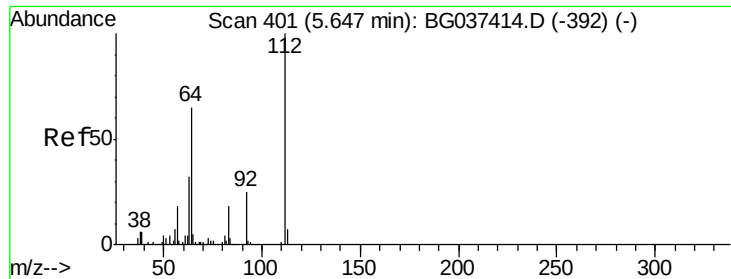
74 148.9 102.0 153.0

44 18.9 9.6 14.4#



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: 141.923 ng

RT: 5.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

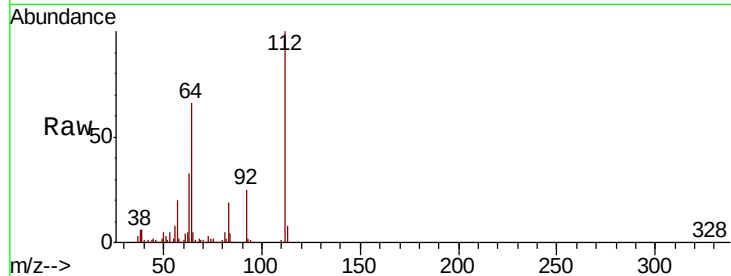
Tot Ion:112 Resp: 440628

Ion Ratio Lower Upper

112 100

64 66.1 53.1 79.7

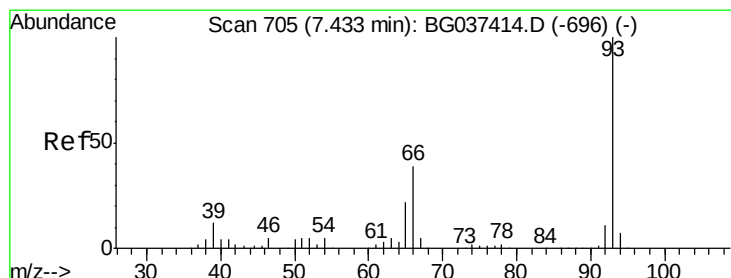
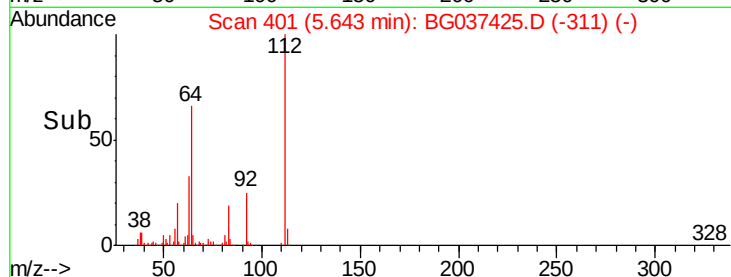
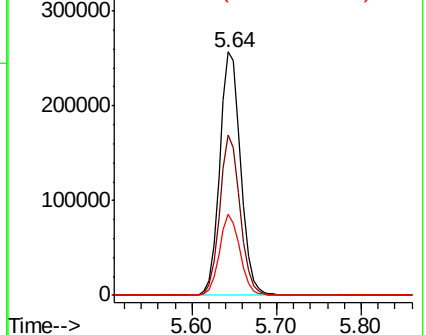
63 33.3 27.3 40.9



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: 5.169 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

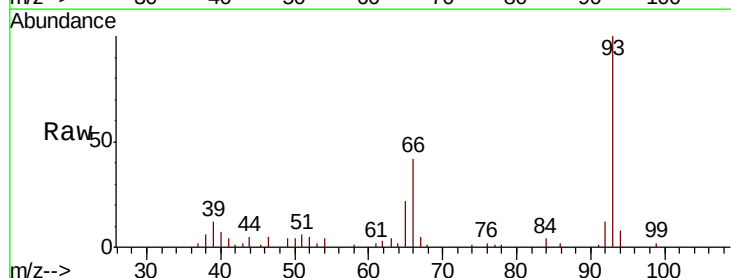
Tgt Ion: 93 Resp: 29602

Ion Ratio Lower Upper

93 100

66 41.9 32.8 49.2

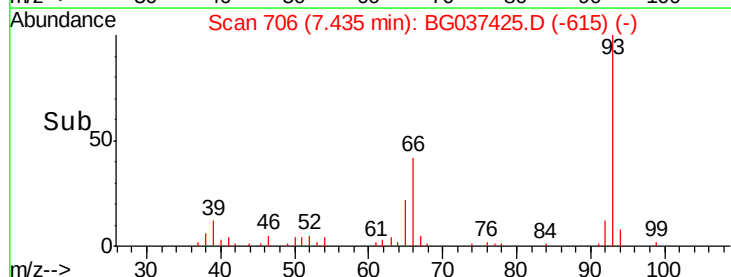
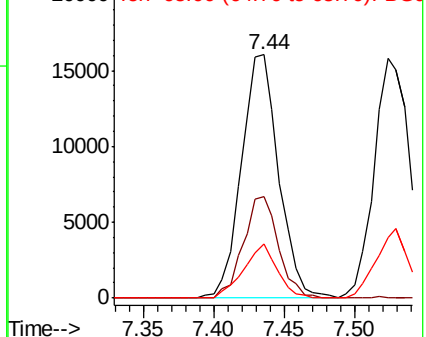
65 22.4 16.4 24.6

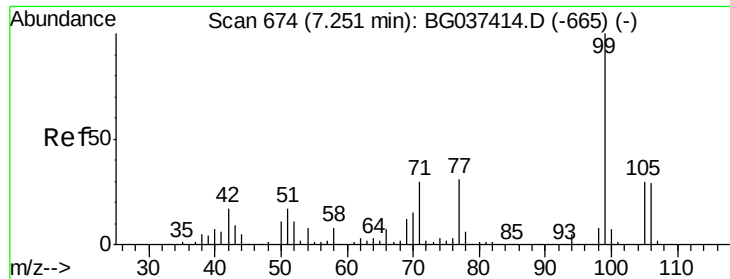


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.931 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

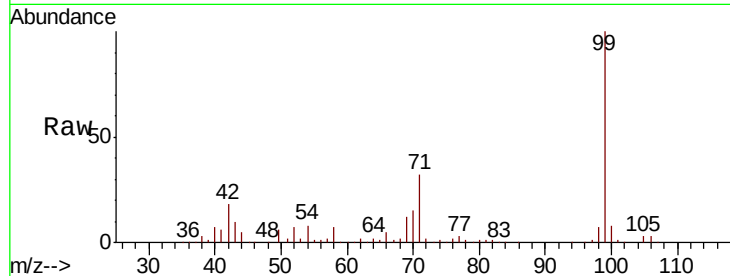
Tot Ion: 99 Resp: 633460

Ion Ratio Lower Upper

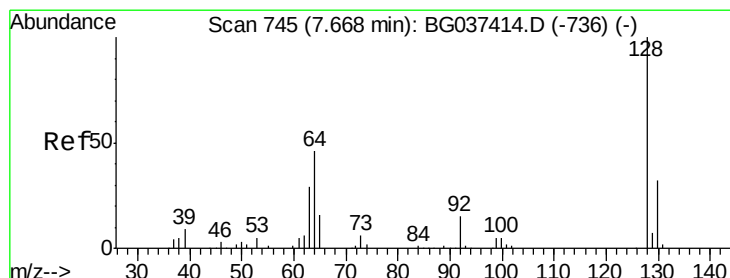
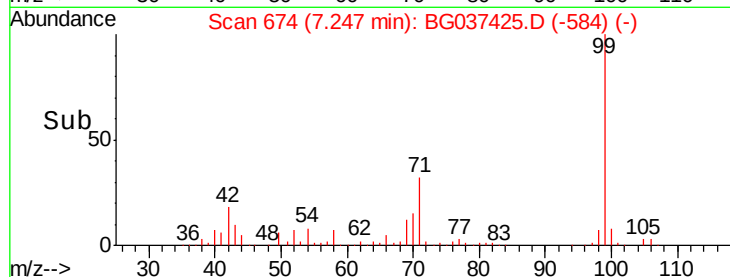
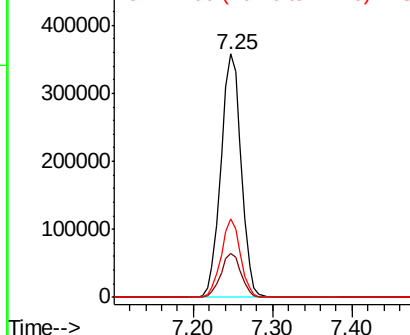
99 100

42 18.0 15.0 22.4

71 32.0 25.5 38.3



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



#8

2-Chlorophenol

Concen: 7.828 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

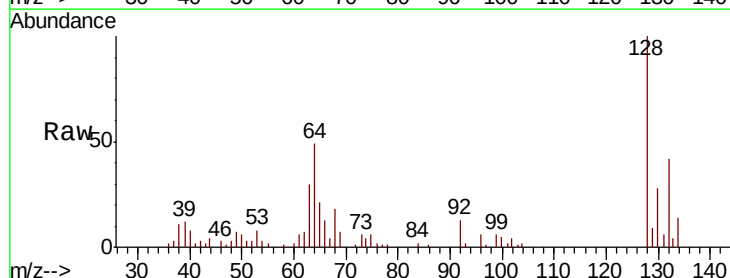
Tgt Ion: 128 Resp: 28432

Ion Ratio Lower Upper

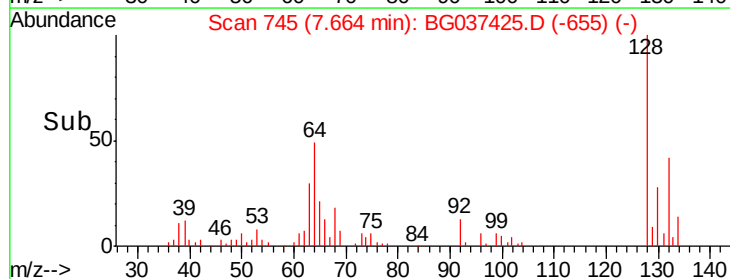
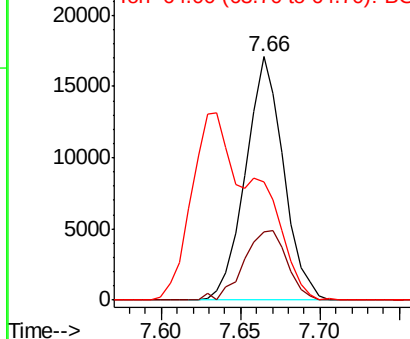
128 100

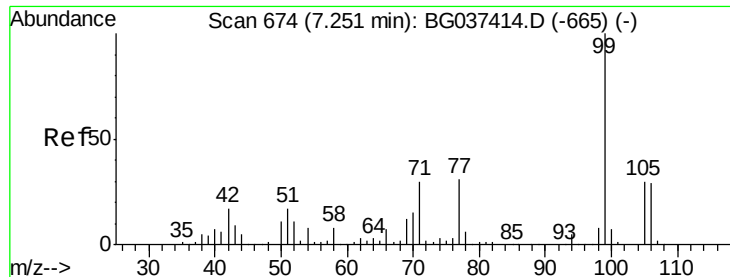
130 28.3 12.0 52.0

64 48.6 32.9 72.9



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





#9

Benzaldehyde

Concen: 7.087 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

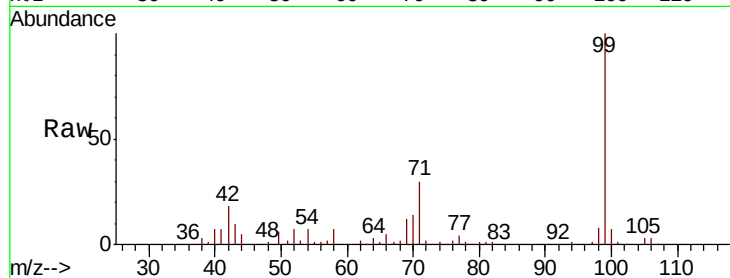
Tot Ion: 77 Resp: 20814

Ion Ratio Lower Upper

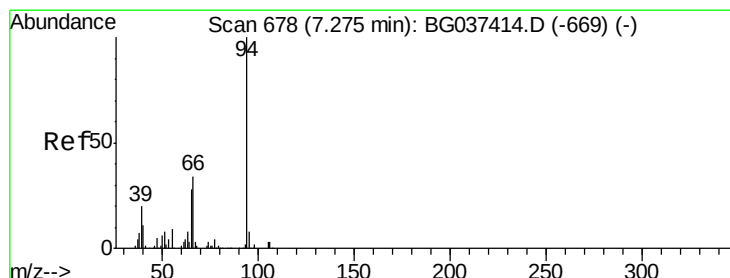
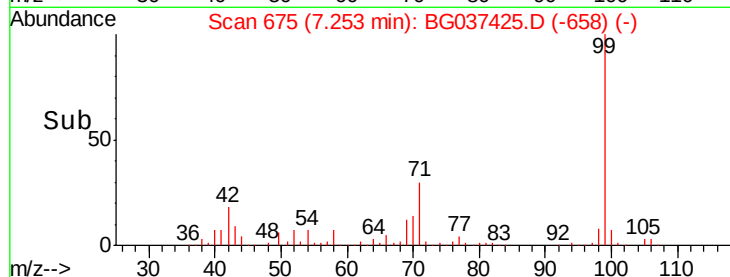
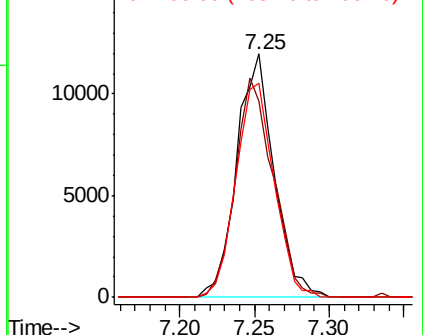
77 100

105 80.8 72.6 112.6

106 88.2 71.3 111.3



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: 7.869 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

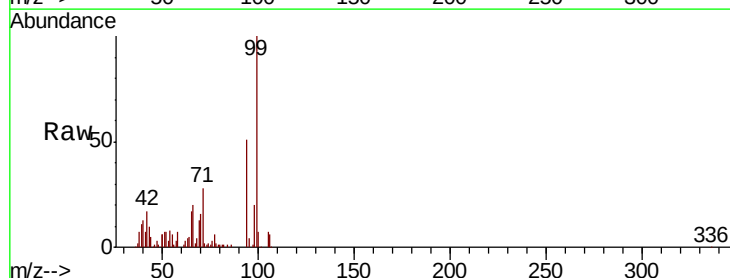
Tgt Ion: 94 Resp: 38980

Ion Ratio Lower Upper

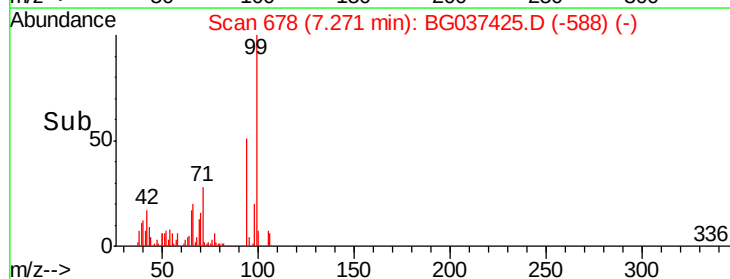
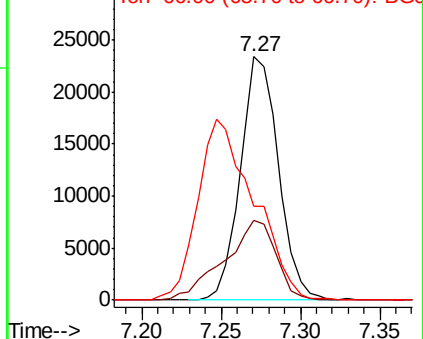
94 100

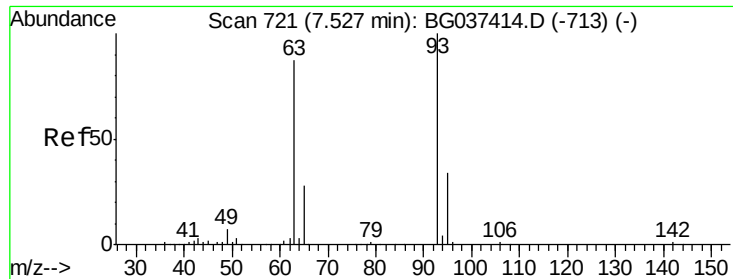
65 32.9 9.7 49.7

66 38.4 15.9 55.9



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: 7.535 ng

RT: 7.52 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

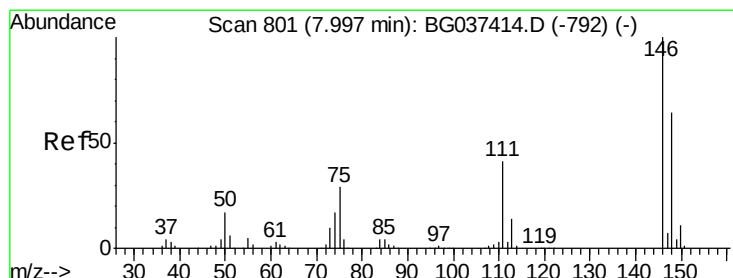
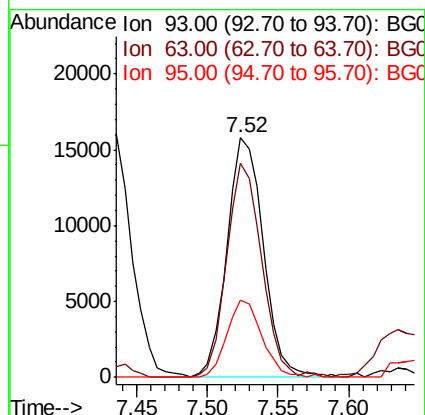
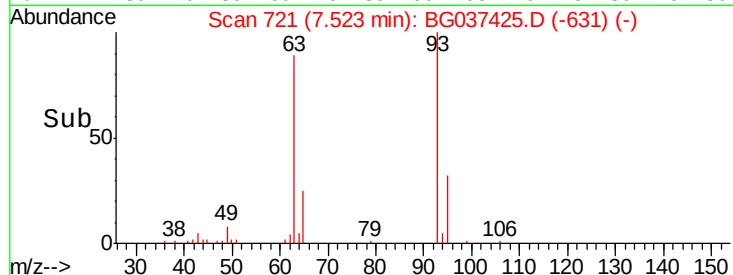
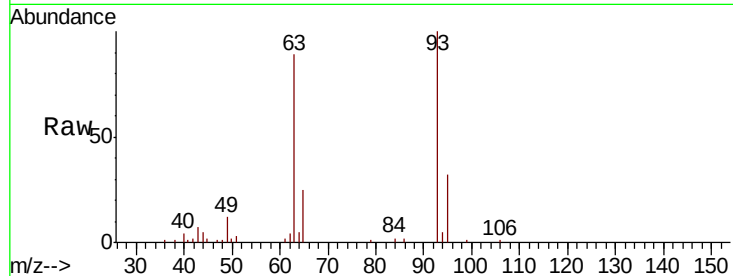
Tot Ion: 93 Resp: 28347

Ion Ratio Lower Upper

93 100

63 89.4 69.5 109.5

95 32.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 7.614 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

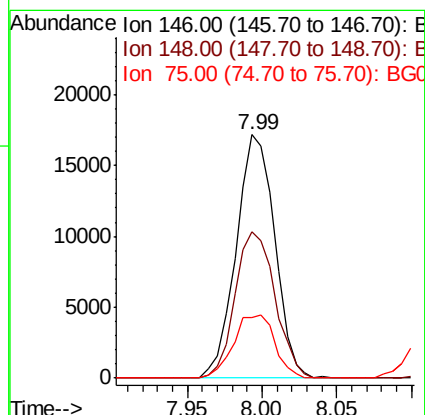
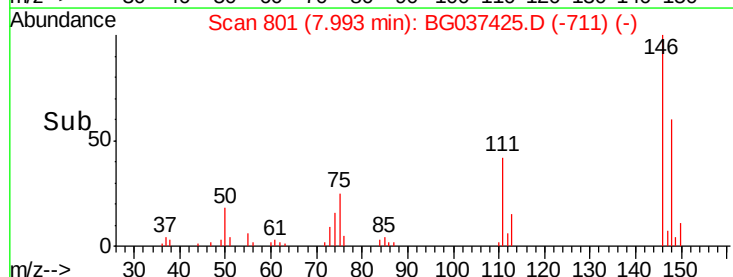
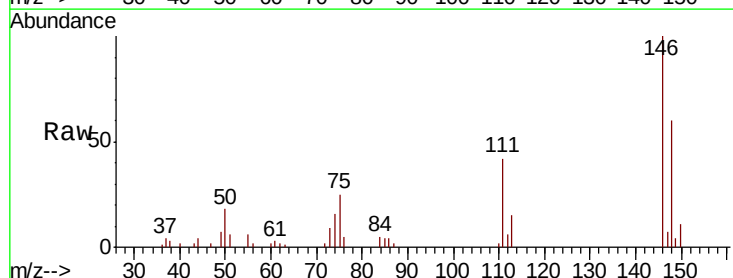
Tgt Ion: 146 Resp: 30788

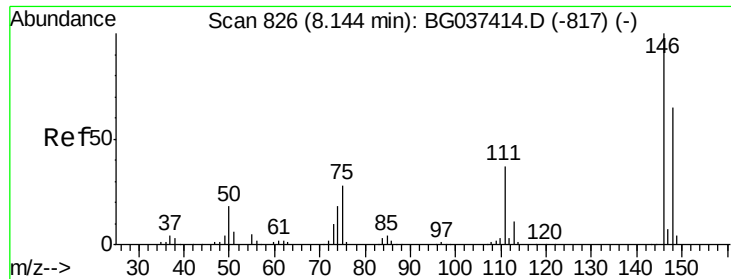
Ion Ratio Lower Upper

146 100

148 60.3 49.8 74.8

75 24.8 23.2 34.8

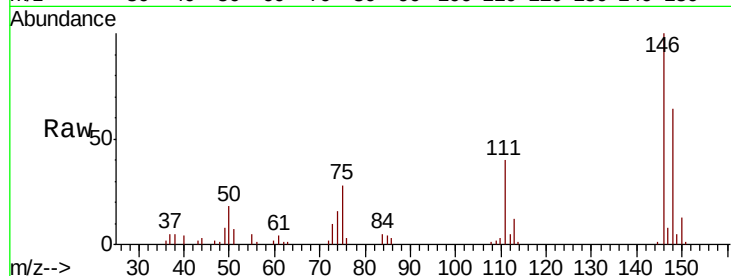




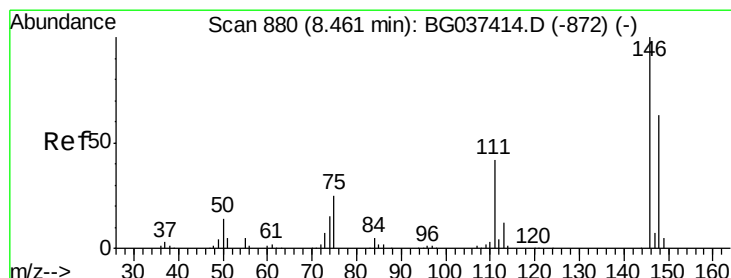
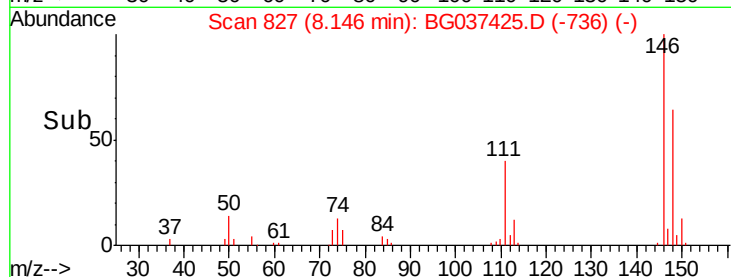
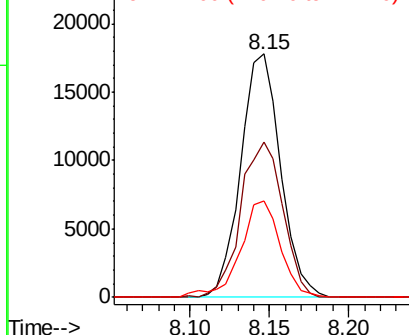
#13
 1,4-Dichlorobenzene
 Concen: 7.482 ng
 RT: 8.15 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion:146 Resp: 30946
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 39.5 32.4 48.6

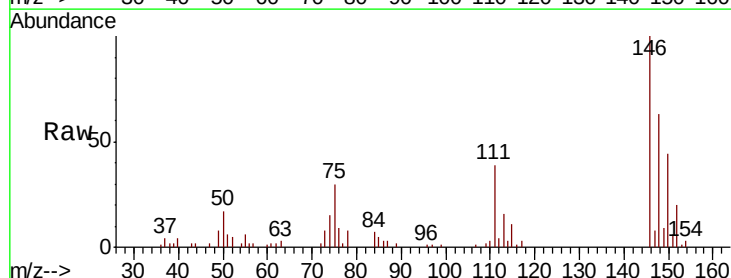


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

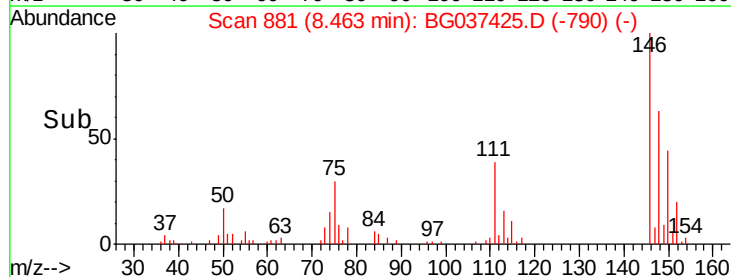
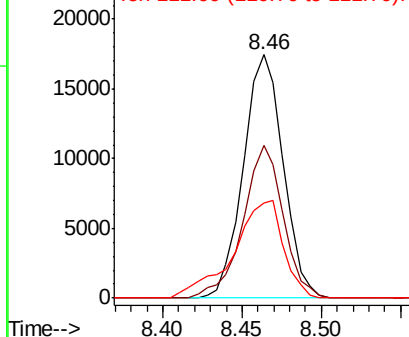


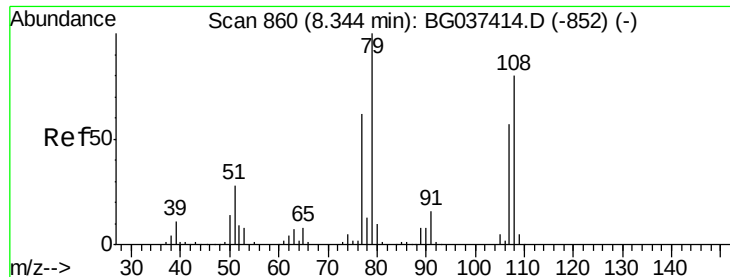
#14
 1,2-Dichlorobenzene
 Concen: 7.643 ng
 RT: 8.46 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion:146 Resp: 30407
 Ion Ratio Lower Upper
 146 100
 148 62.8 50.4 75.6
 111 39.2 34.6 51.8



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

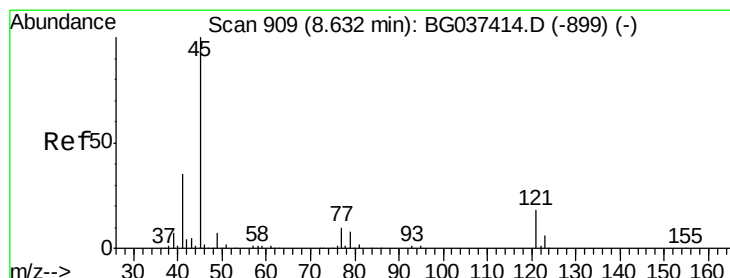
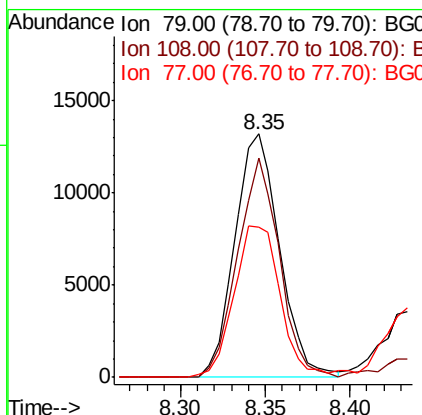
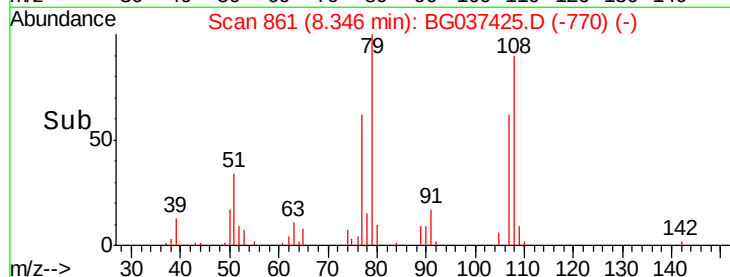
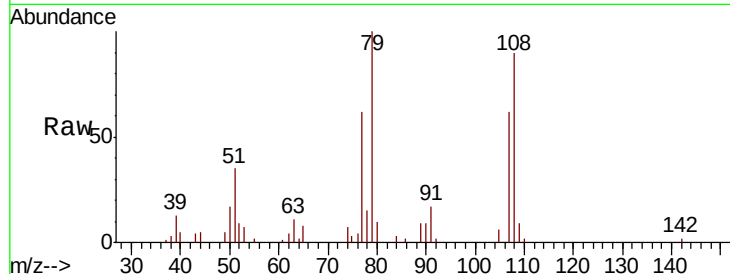




#15
Benzyl Alcohol
Concen: 7.003 ng
RT: 8.35 min Scan# 861
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

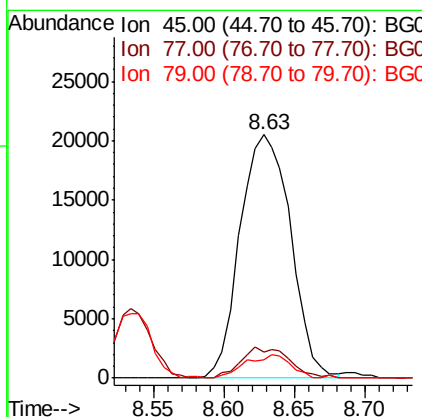
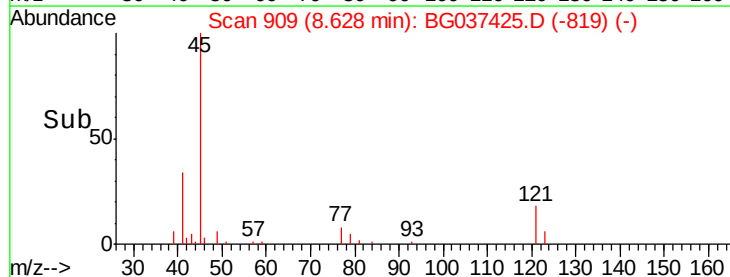
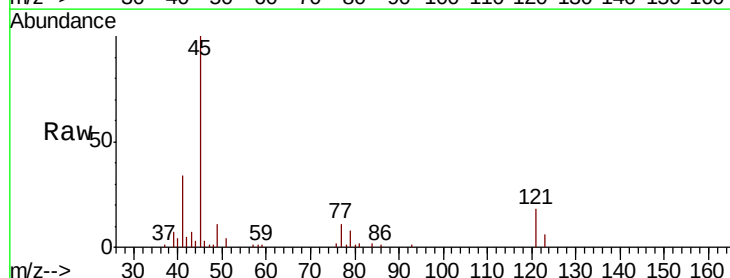
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

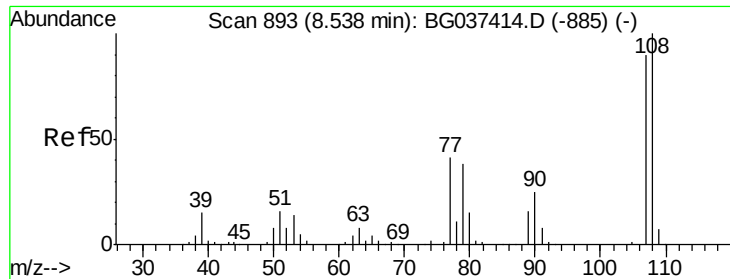
Tot Ion: 79 Resp: 24292
Ion Ratio Lower Upper
79 100
108 90.2 65.8 98.8
77 61.6 52.9 79.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.635 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion: 45 Resp: 51392
Ion Ratio Lower Upper
45 100
77 10.7 0.0 30.0
79 7.8 0.0 29.0

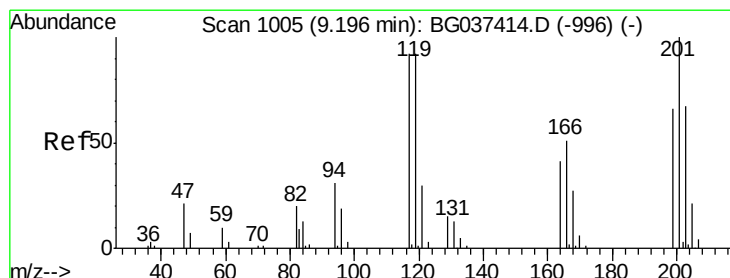
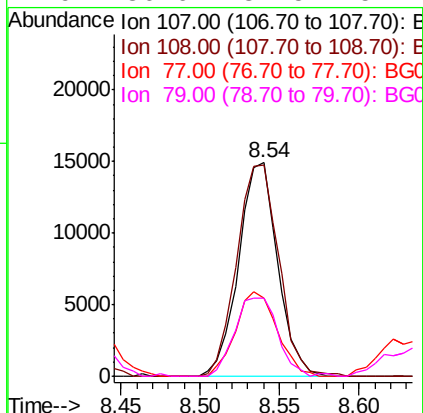
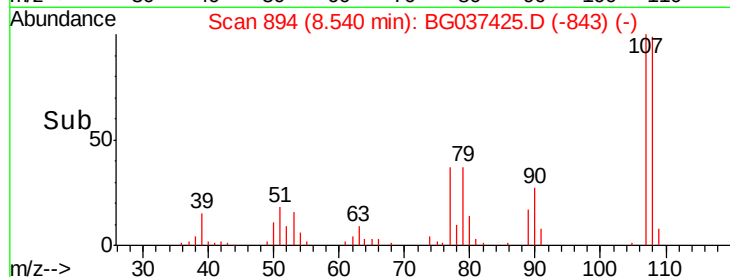
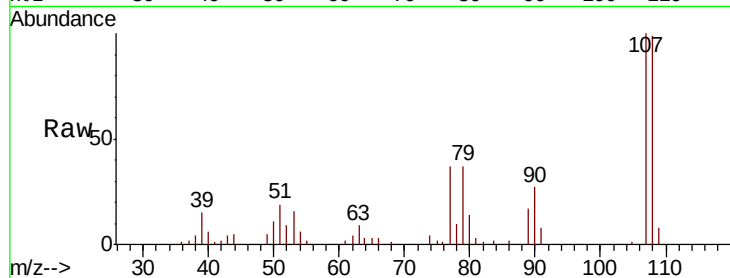




#17
2-Methylphenol
Concen: 7.792 ng
RT: 8.54 min Scan# 894
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

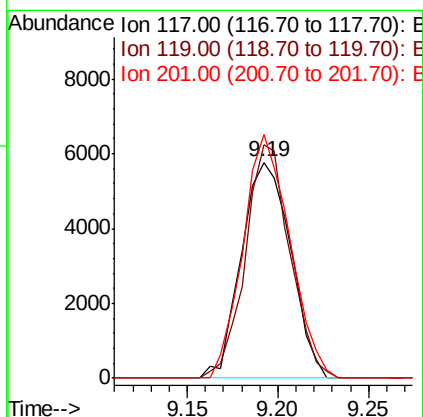
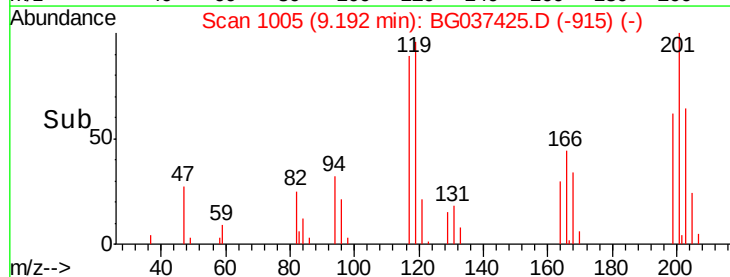
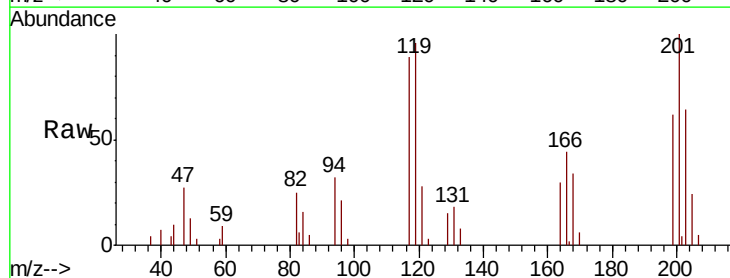
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

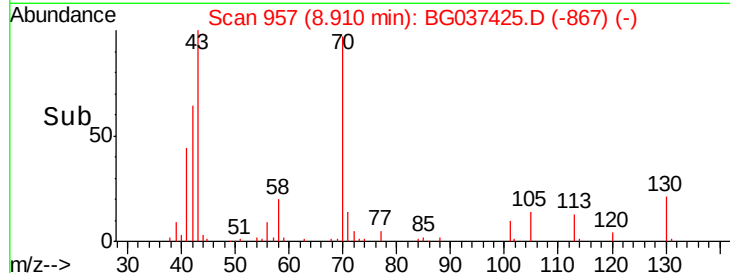
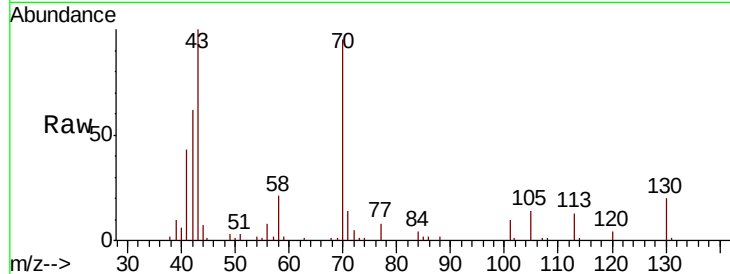
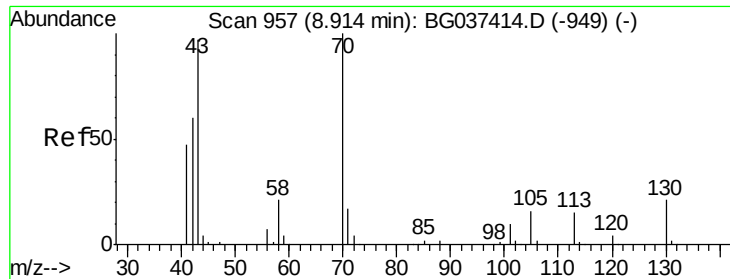
Tot Ion:	107	Resp:	25518
Ion	Ratio	Lower	Upper
107	100		
108	99.2	87.9	131.9
77	36.7	35.1	52.7
79	36.6	34.5	51.7



#18
Hexachloroethane
Concen: 7.744 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:	117	Resp:	10919
Ion	Ratio	Lower	Upper
117	100		
119	108.4	74.6	111.8
201	117.0	80.8	121.2

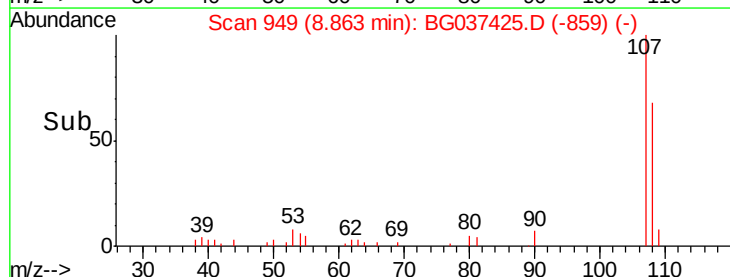
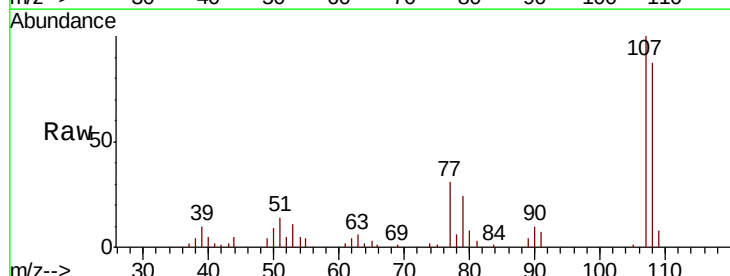
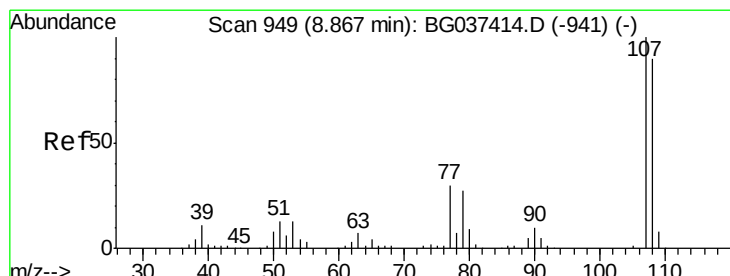
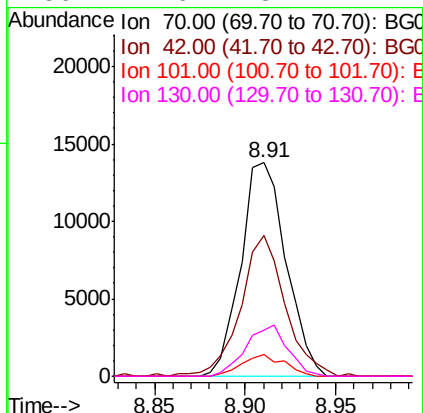




#19
n-Nitroso-di-n-propylamine
Concen: 7.380 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

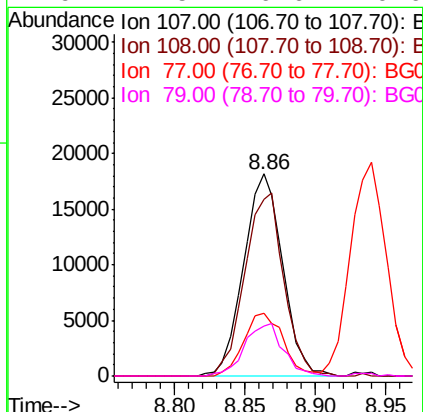
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

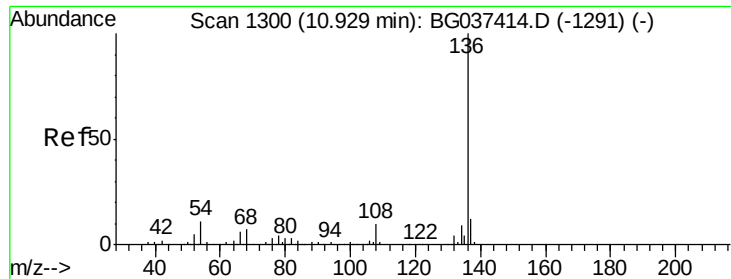
Tot Ion:	70	Resp:	23859
Ion	Ratio	Lower	Upper
70	100		
42	65.8	53.9	80.9
101	10.4	8.2	12.2
130	21.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 7.512 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:	107	Resp:	35171
Ion	Ratio	Lower	Upper
107	100		
108	87.2	69.9	109.9
77	30.8	11.2	51.2
79	24.5	6.6	46.6

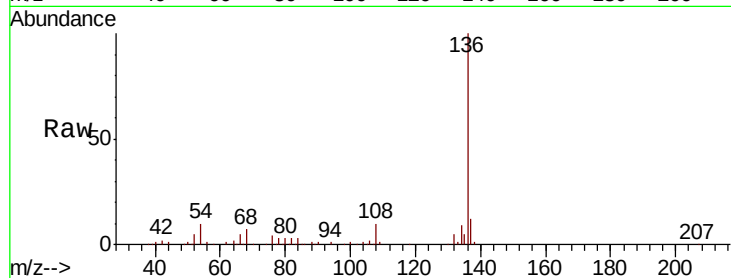




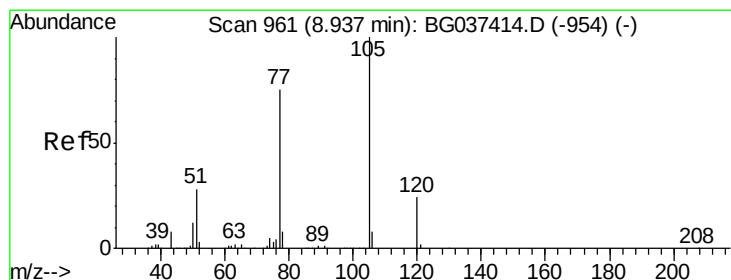
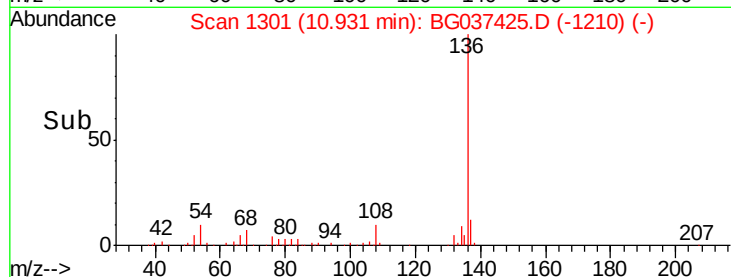
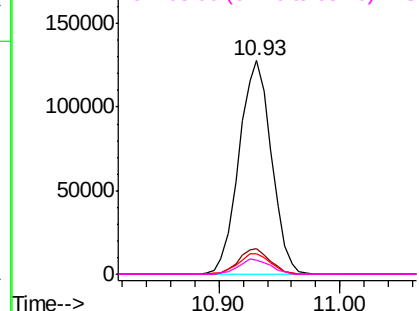
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:136	Resp:	239281	
Ion Ratio	Lower	Upper	
136 100			
137 12.0	9.6	14.4	
54 9.8	7.9	11.9	
68 6.7	4.8	7.2	

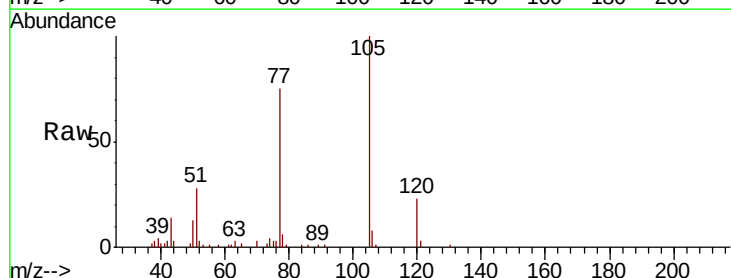


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

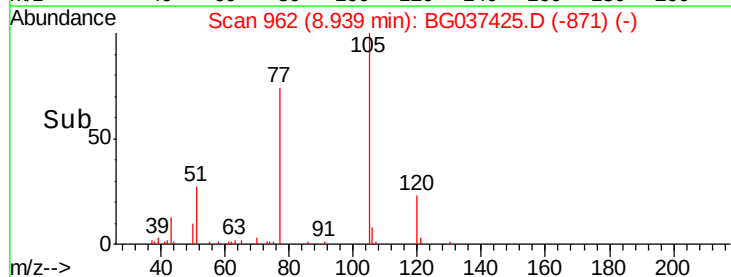
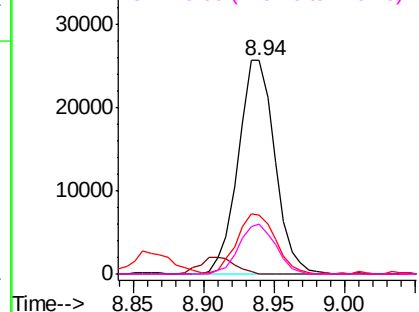


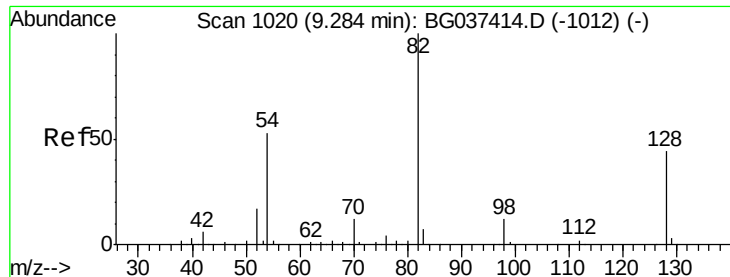
#22
Acetophenone
Concen: 7.795 ng
RT: 8.94 min Scan# 962
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt	Ion:105	Resp:	46778
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	27.7	25.0	37.6
120	23.4	18.6	28.0



Abundance Ion 105.00 (104.70 to 105.70): E
40000
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

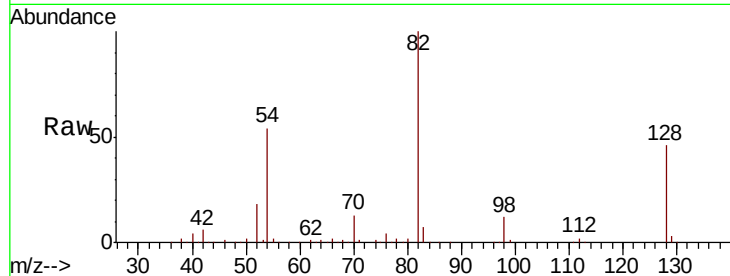




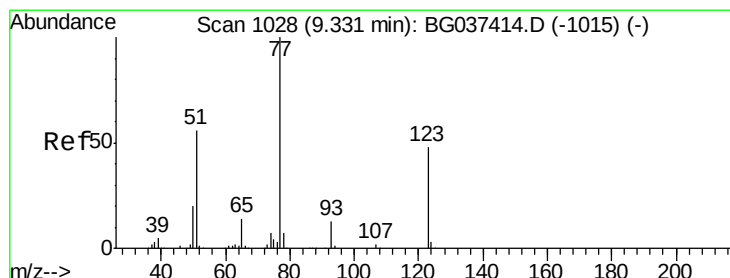
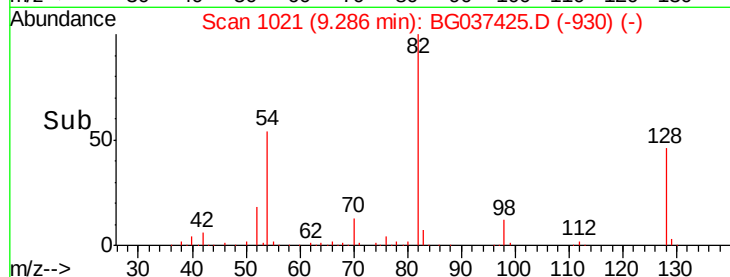
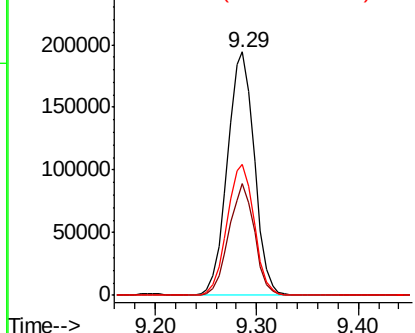
#23
 Nitrobenzene-d5
 Concen: 83.619 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion: 82 Resp: 357171
 Ion Ratio Lower Upper
 82 100
 128 45.7 34.6 51.8
 54 53.9 45.3 67.9

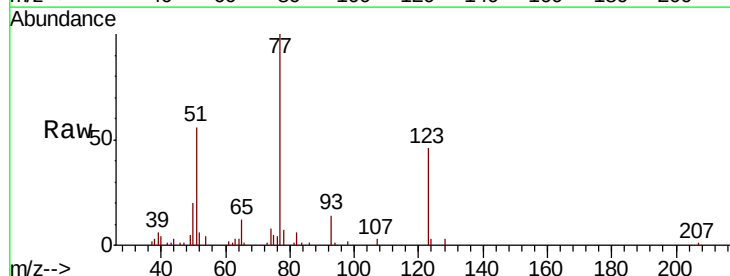


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

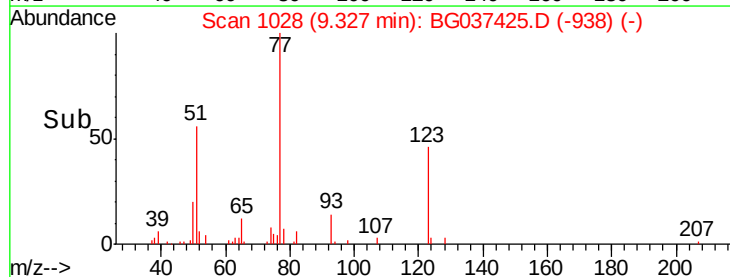
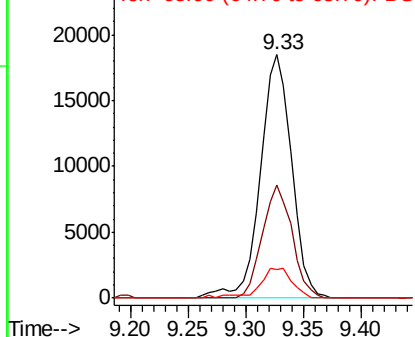


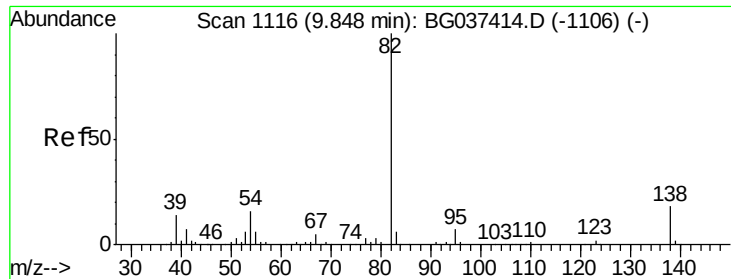
#24
 Nitrobenzene
 Concen: 7.877 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion: 77 Resp: 34952
 Ion Ratio Lower Upper
 77 100
 123 46.3 33.6 50.4
 65 11.6 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC

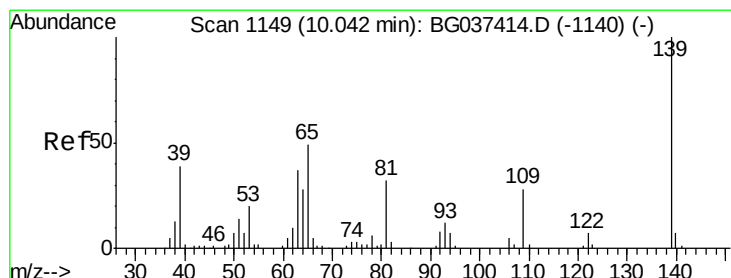
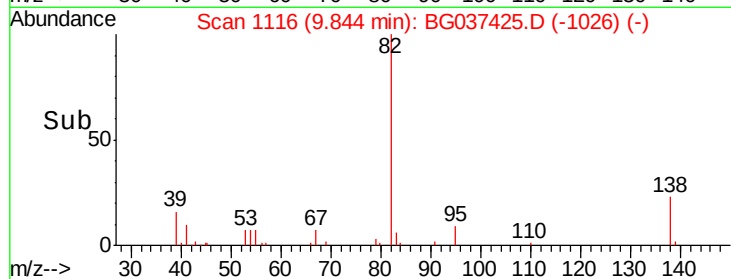
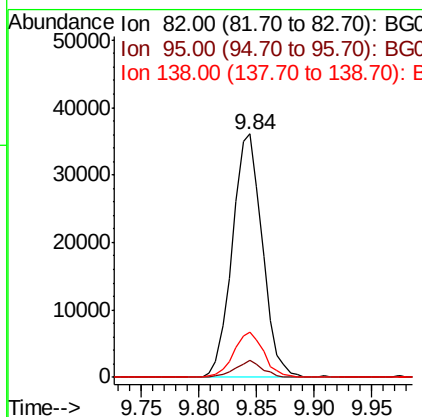
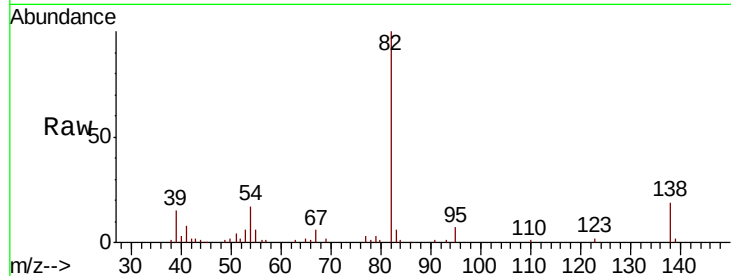




#25
Isophorone
Concen: 8.291 ng
RT: 9.84 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

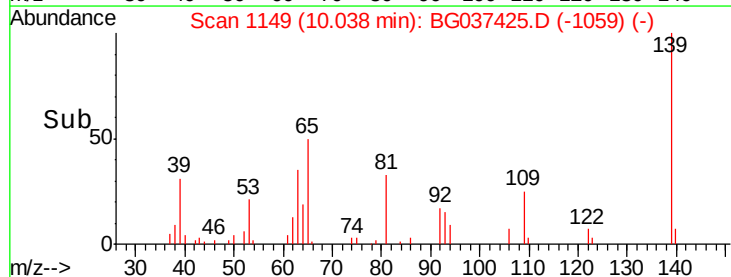
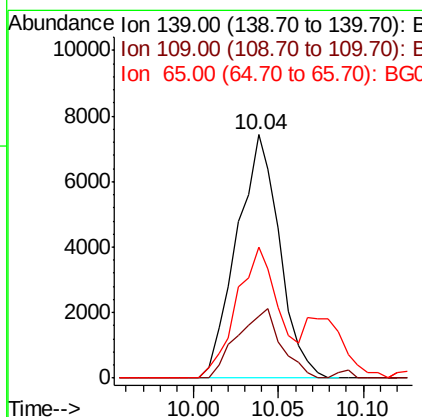
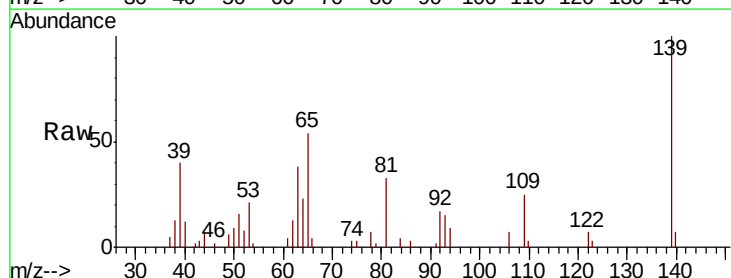
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

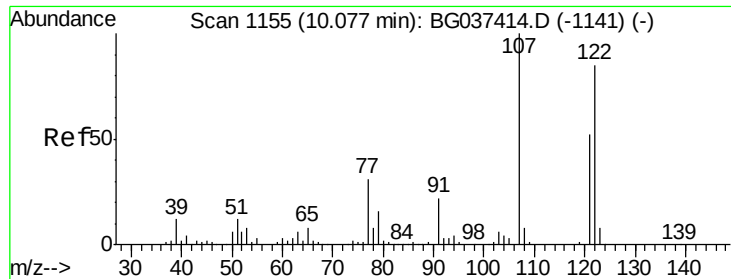
Tot Ion: 82 Resp: 64707
Ion Ratio Lower Upper
82 100
95 6.9 5.3 7.9
138 18.6 13.3 19.9



#26
2-Nitrophenol
Concen: 6.547 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion: 139 Resp: 13087
Ion Ratio Lower Upper
139 100
109 25.5 23.3 34.9
65 53.8 39.8 59.8

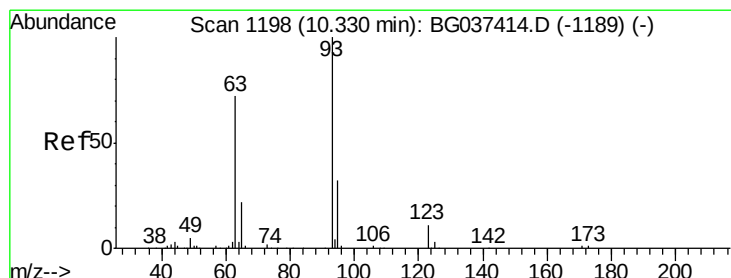
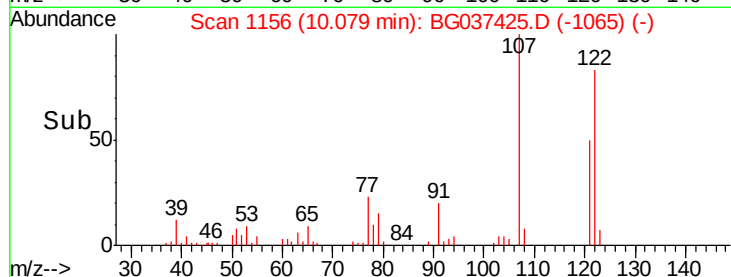
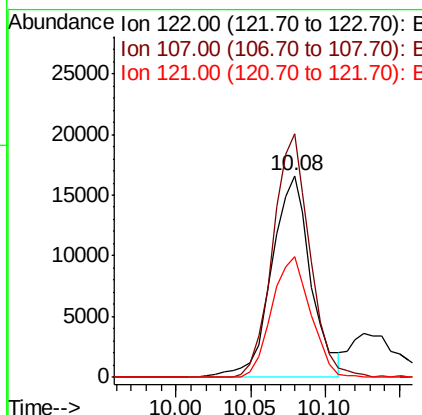
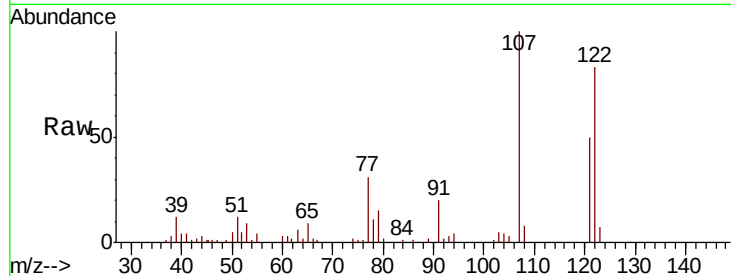




#27
 2,4-Dimethylphenol
 Concen: 8.493 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

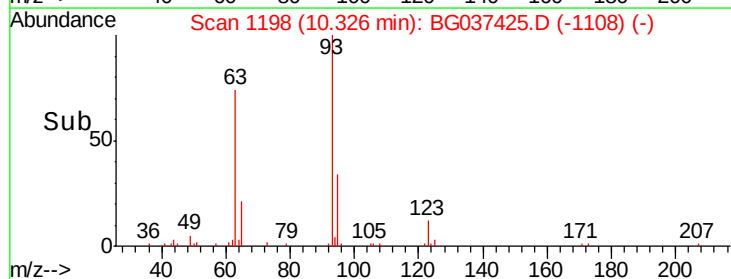
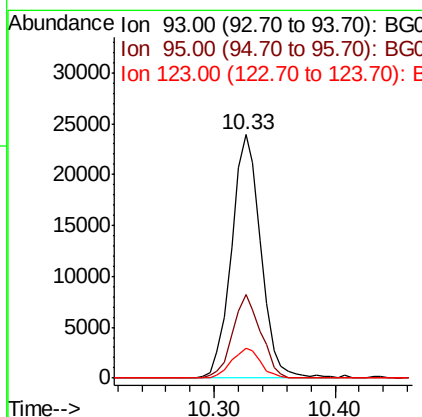
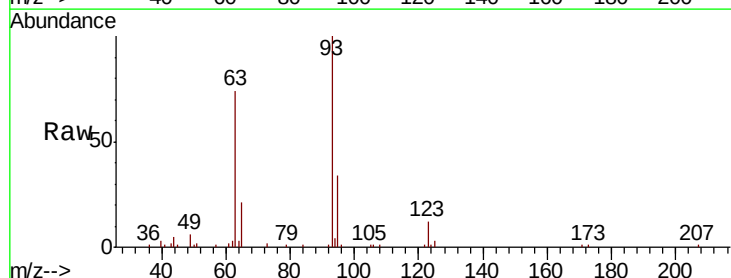
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

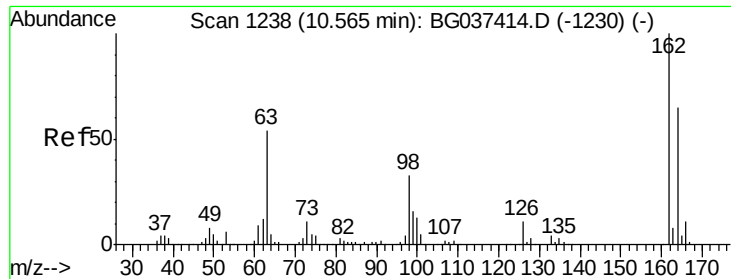
Tot Ion:122 Resp: 30313
 Ion Ratio Lower Upper
 122 100
 107 120.7 94.2 141.2
 121 59.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.909 ng
 RT: 10.33 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion: 93 Resp: 40442
 Ion Ratio Lower Upper
 93 100
 95 34.2 24.6 37.0
 123 12.1 9.1 13.7

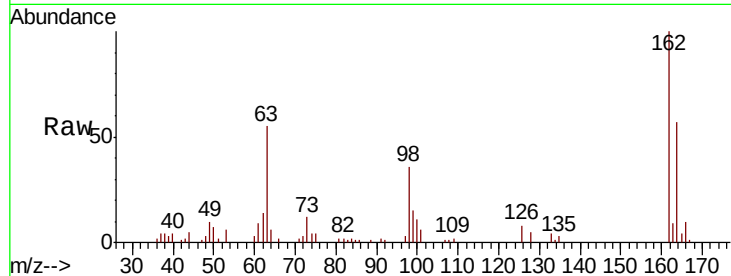




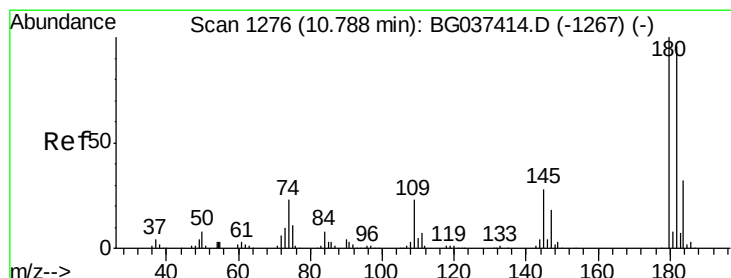
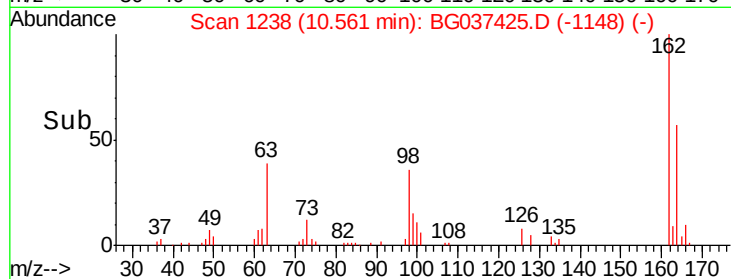
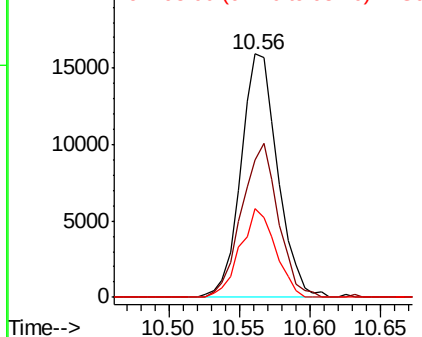
#29
 2,4-Dichlorophenol
 Concen: 7.294 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion:162 Resp: 28986
 Ion Ratio Lower Upper
 162 100
 164 56.7 43.2 83.2
 98 36.4 16.0 56.0

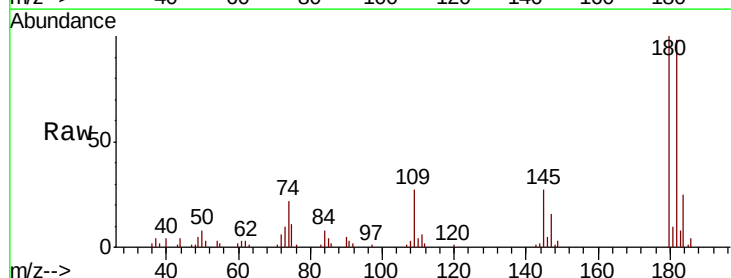


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

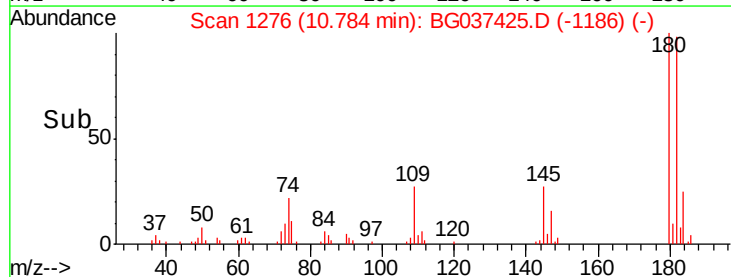
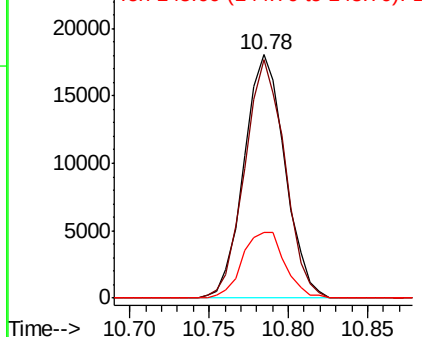


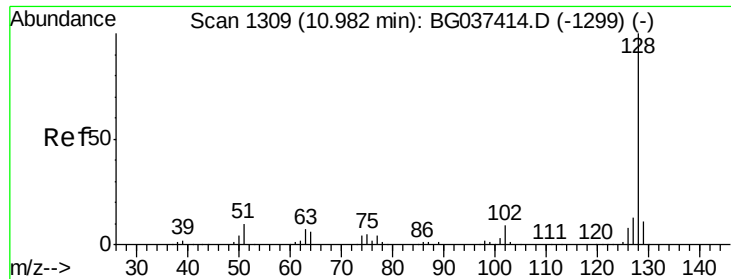
#30
 1,2,4-Trichlorobenzene
 Concen: 7.480 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion:180 Resp: 32324
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.7 116.5
 145 26.8 23.3 34.9



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

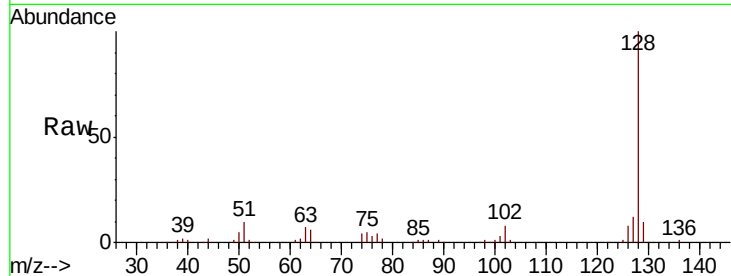




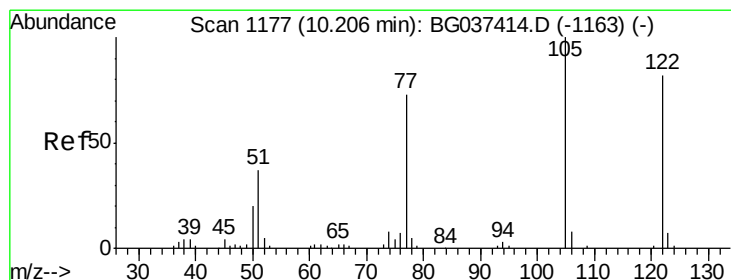
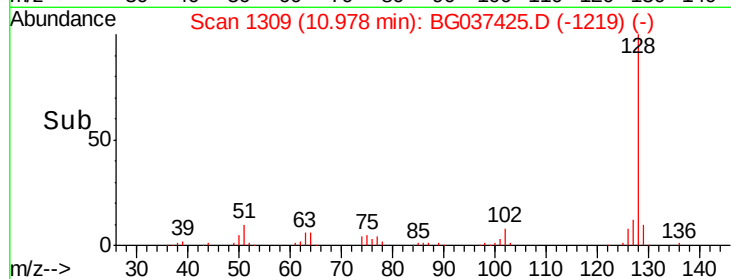
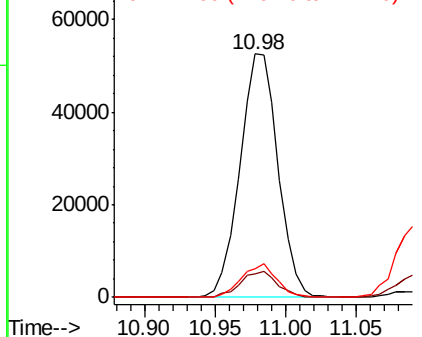
#31
Naphthalene
Concen: 8.435 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:128 Resp: 99130
Ion Ratio Lower Upper
128 100
129 9.8 9.0 13.6
127 11.6 11.1 16.7

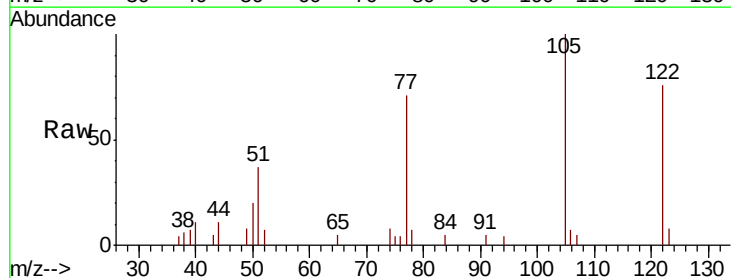


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

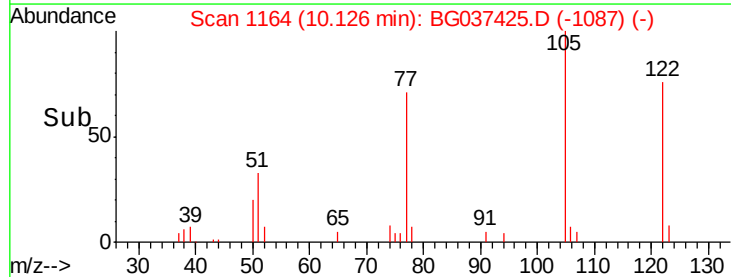
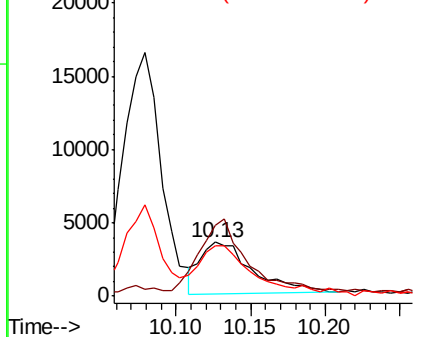


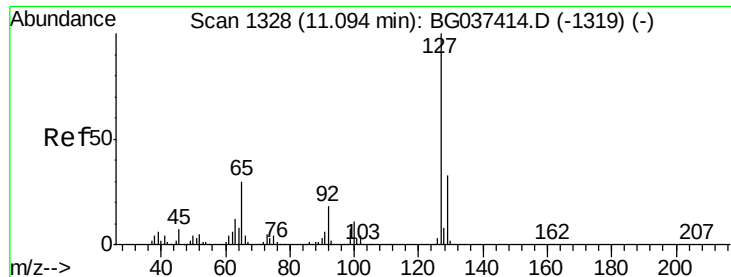
#32
Benzoic acid
Concen: 3.613 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.08 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:122 Resp: 8376
Ion Ratio Lower Upper
122 100
105 131.6 106.7 146.7
77 93.5 72.2 112.2



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

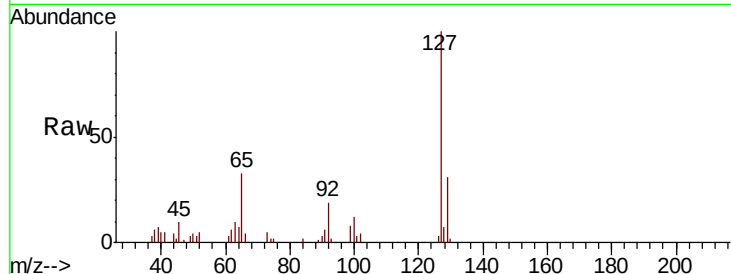




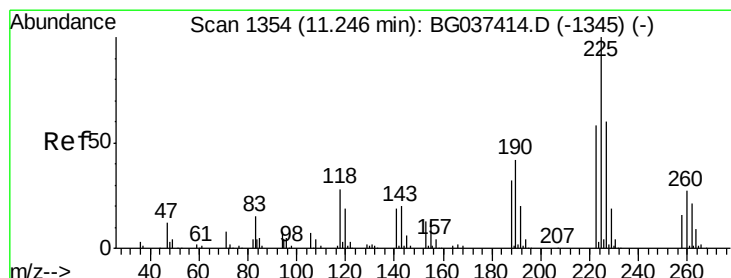
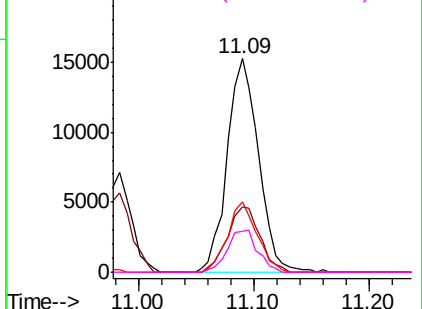
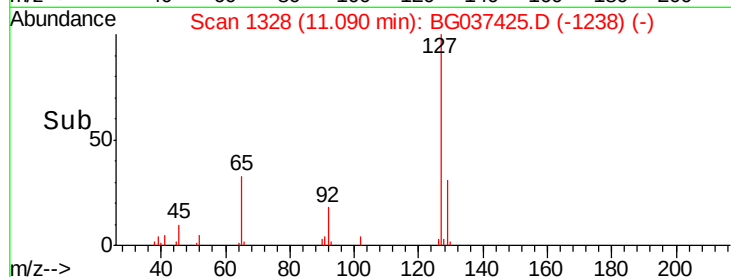
#33
4-Chloroaniline
Concen: 5.208 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:127	Resp:	28760
Ion Ratio	Lower	Upper
127	100	
129	30.8	27.1 40.7
65	33.0	26.6 39.8
92	19.0	16.4 24.6

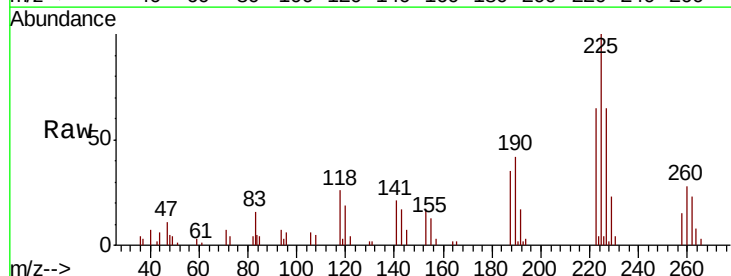


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

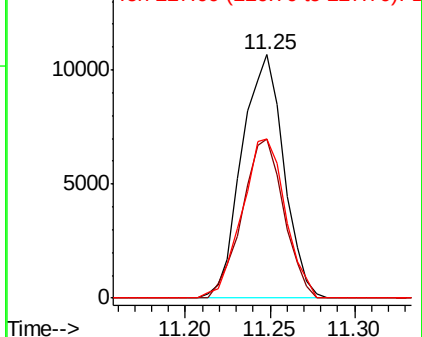
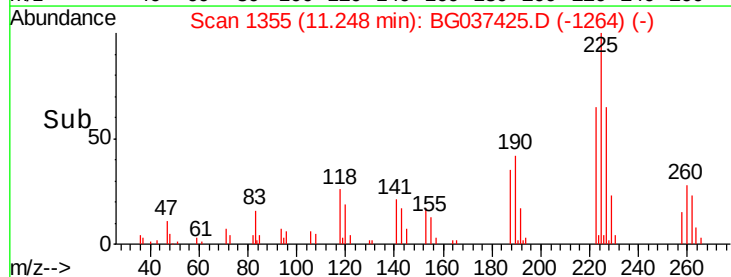


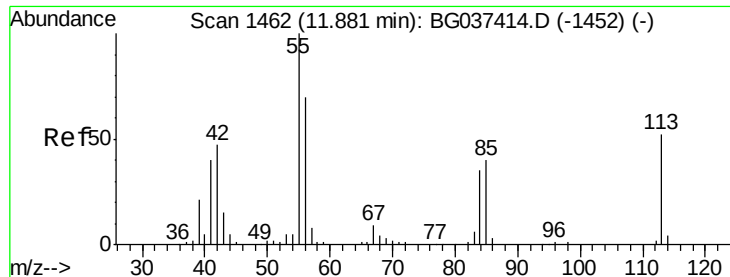
#34
Hexachlorobutadiene
Concen: 7.199 ng
RT: 11.25 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:225	Resp:	18438
Ion Ratio	Lower	Upper
225	100	
223	65.5	48.2 72.4
227	67.6	51.6 77.4



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: 6.350 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.03 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

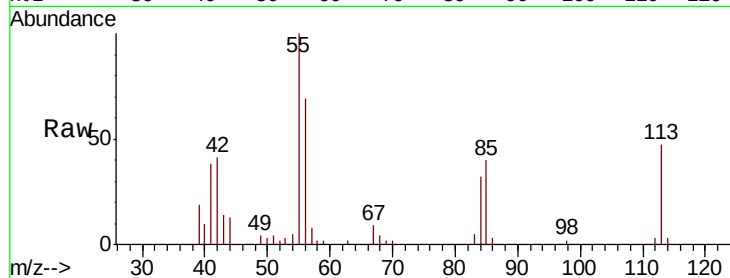
Tot Ion:113 Resp: 10120

Ion Ratio Lower Upper

113 100

55 211.3 176.6 216.6

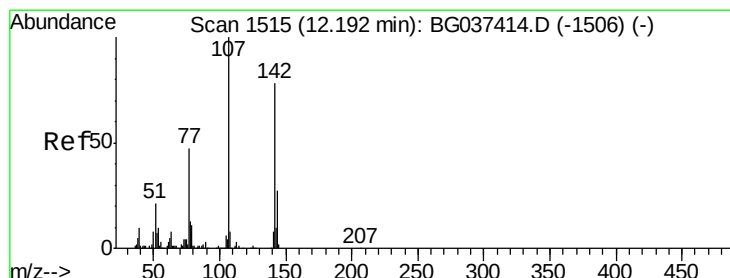
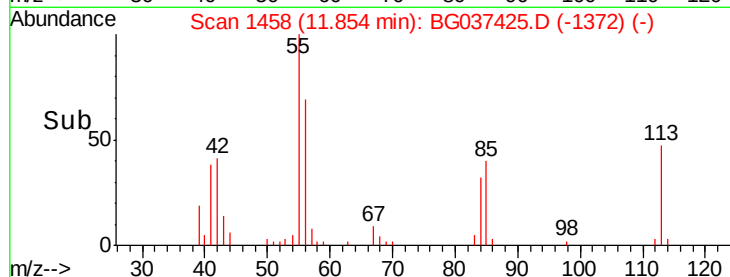
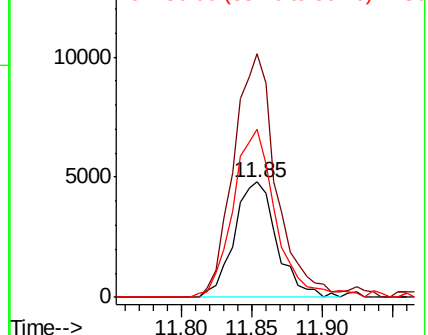
56 146.2 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 7.472 ng

RT: 12.19 min Scan# 1515

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

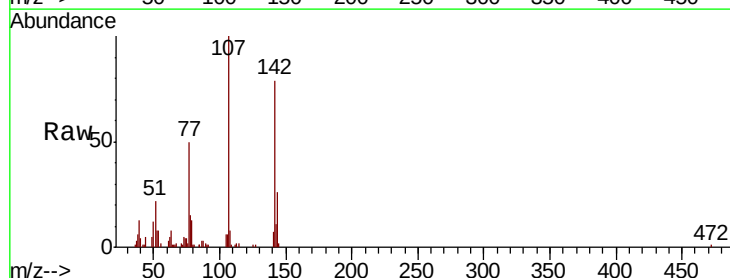
Tgt Ion:107 Resp: 33488

Ion Ratio Lower Upper

107 100

144 26.2 20.7 31.1

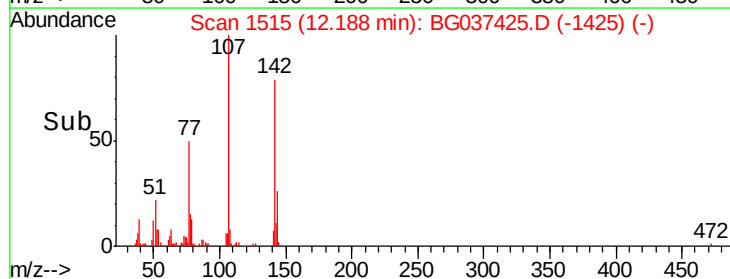
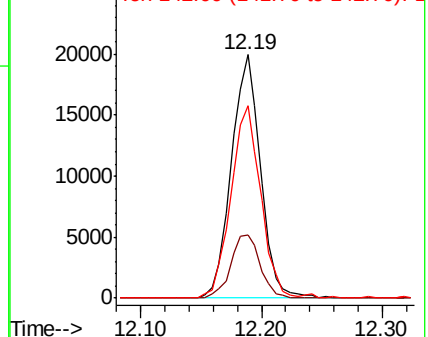
142 78.9 64.4 96.6

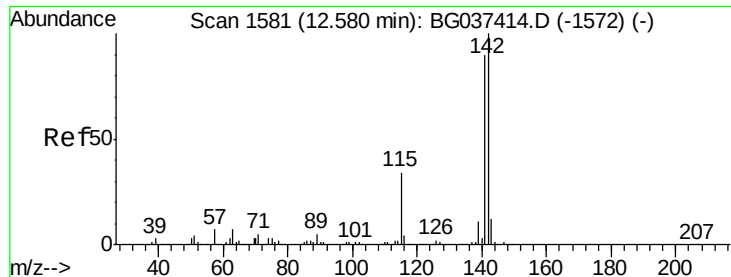


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

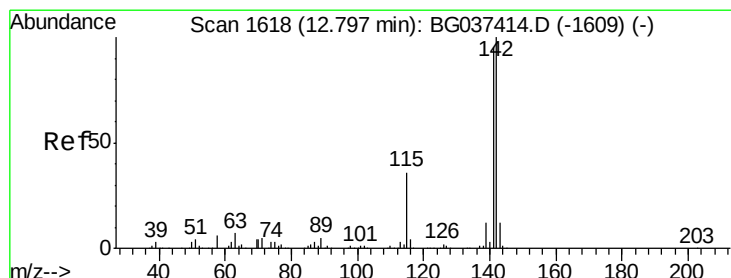
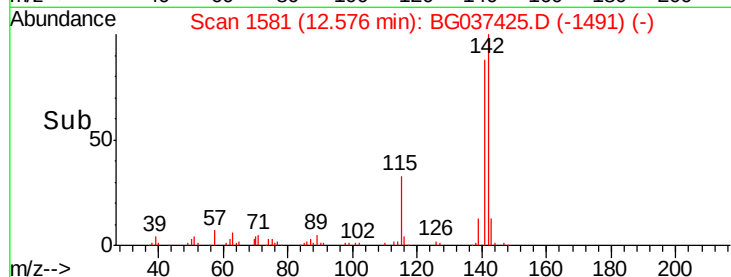
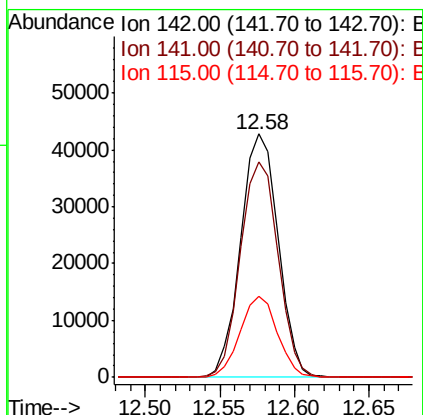
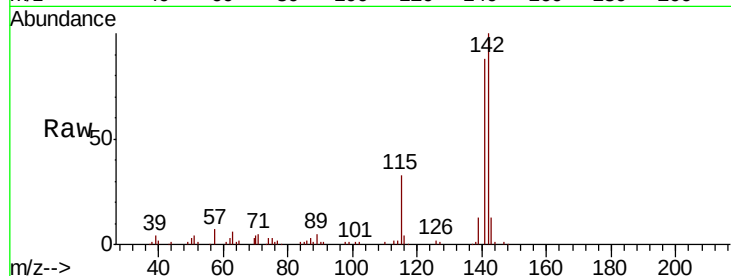




#37
2-Methylnaphthalene
Concen: 8.707 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

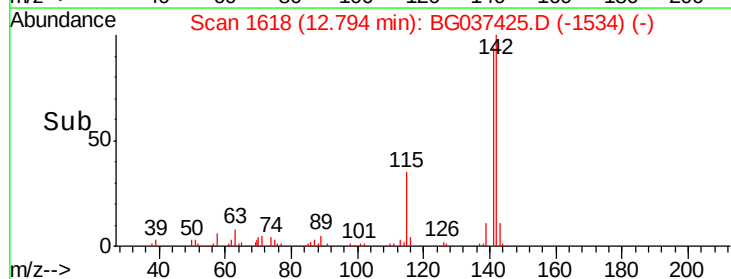
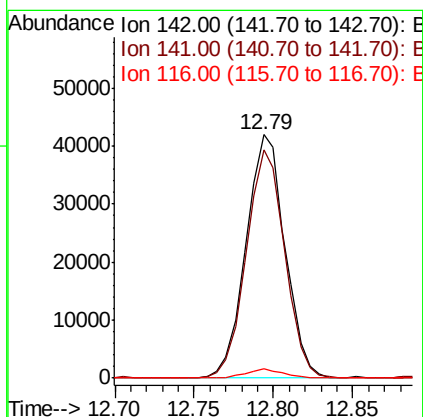
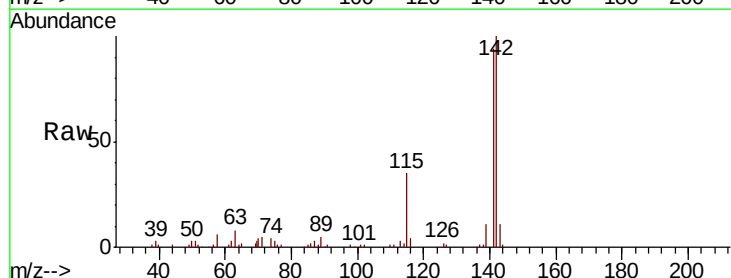
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

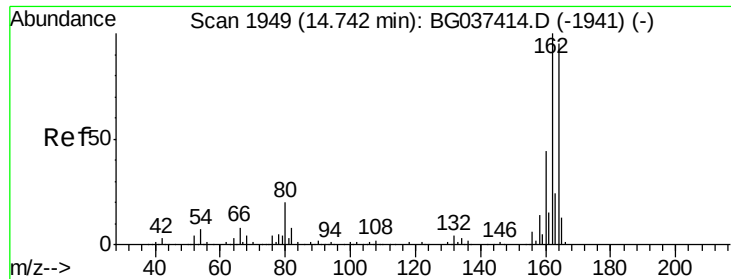
Tot Ion:142 Resp: 74595
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9
115 33.3 27.8 41.8



#38
1-Methylnaphthalene
Concen: 8.590 ng
RT: 12.79 min Scan# 1618
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:142 Resp: 71471
Ion Ratio Lower Upper
142 100
141 93.7 75.2 112.8
116 3.7 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

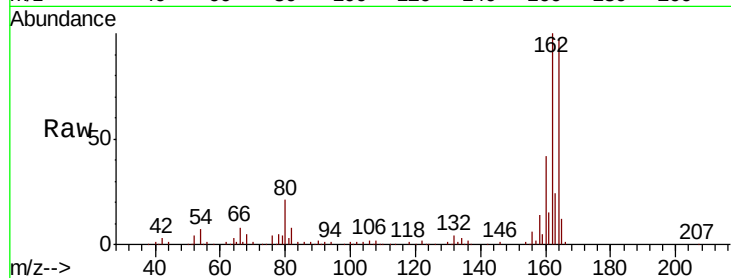
Tot Ion:164 Resp: 158677

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

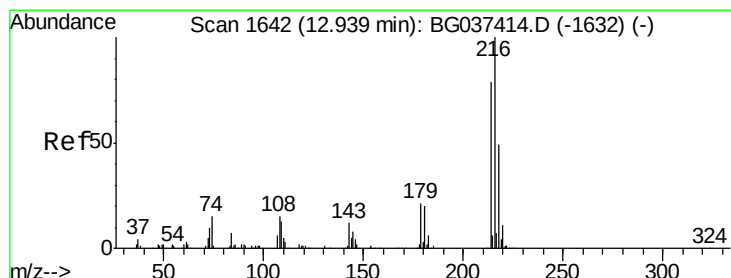
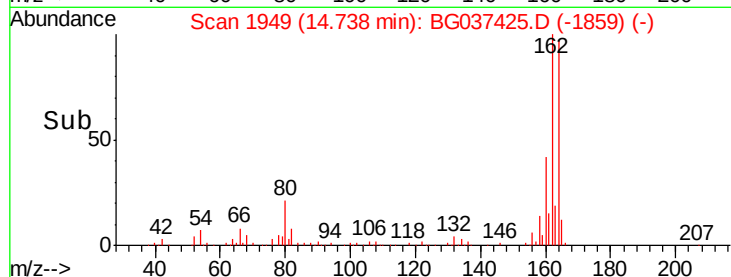
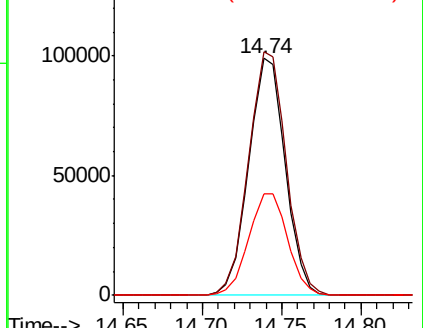
160 43.0 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.264 ng

RT: 12.93 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Tgt Ion:216 Resp: 37178

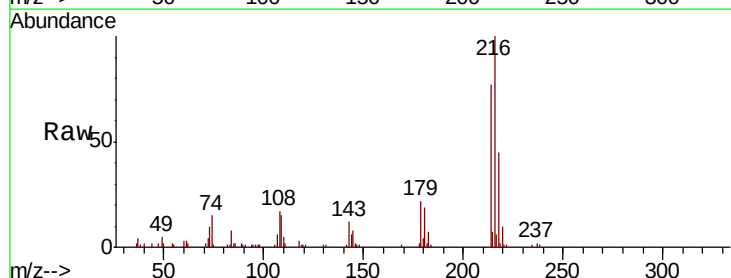
Ion Ratio Lower Upper

216 100

214 80.5 63.8 95.6

179 21.4 17.4 26.0

108 18.7 13.9 20.9

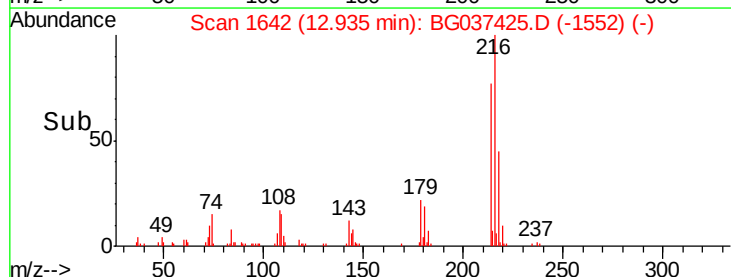
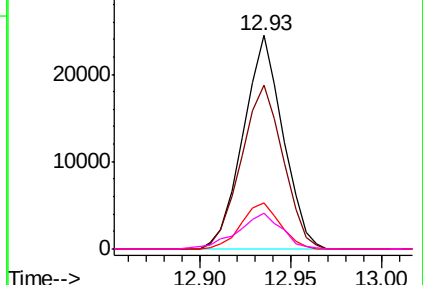


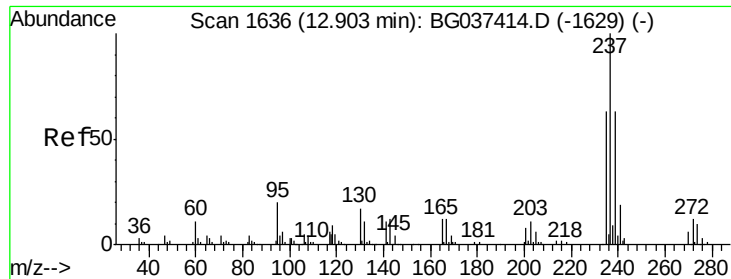
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.589 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

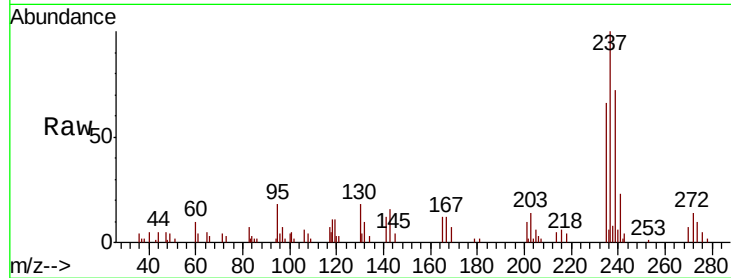
Tot Ion:237 Resp: 18553

Ion Ratio Lower Upper

237 100

235 66.4 42.5 82.5

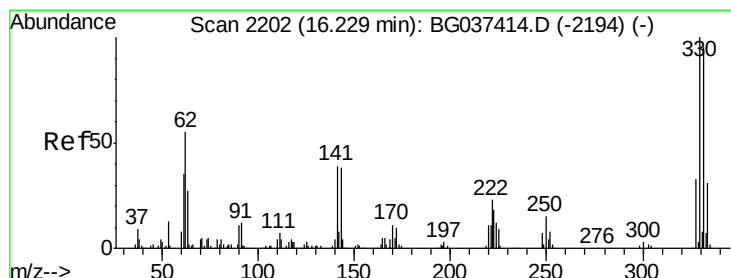
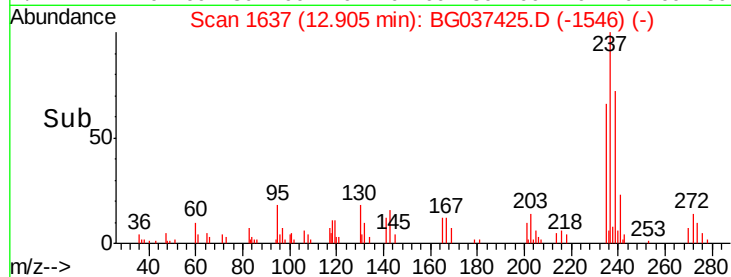
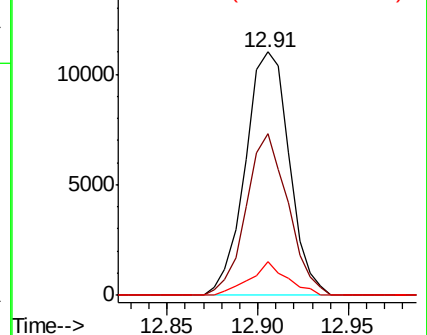
272 13.7 0.0 31.6



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



#42

2,4,6-Tribromophenol

Concen: 140.578 ng

RT: 16.22 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

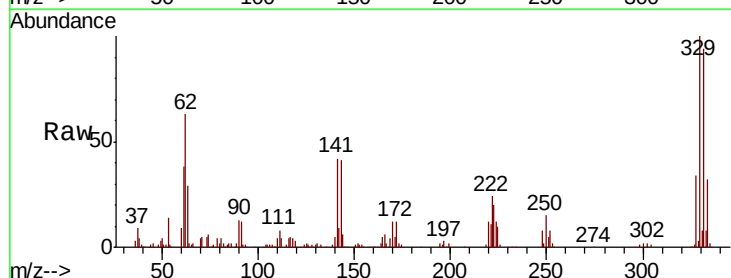
Tgt Ion:330 Resp: 243295

Ion Ratio Lower Upper

330 100

332 94.7 78.4 117.6

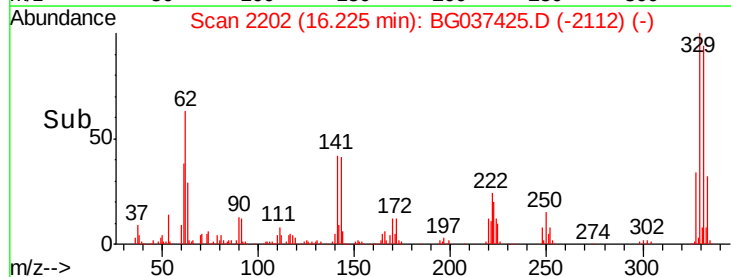
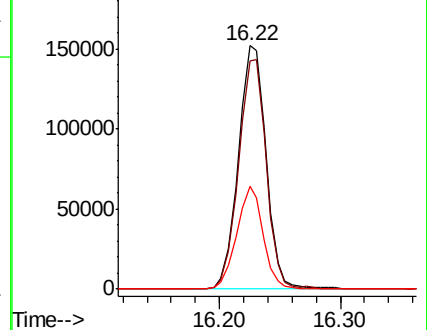
141 40.2 32.2 48.2

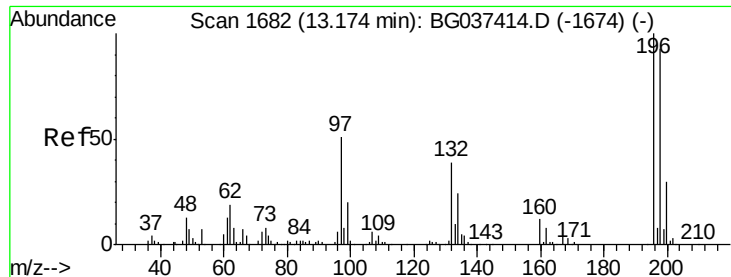


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

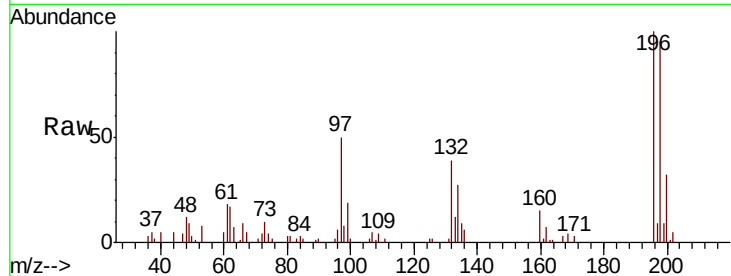




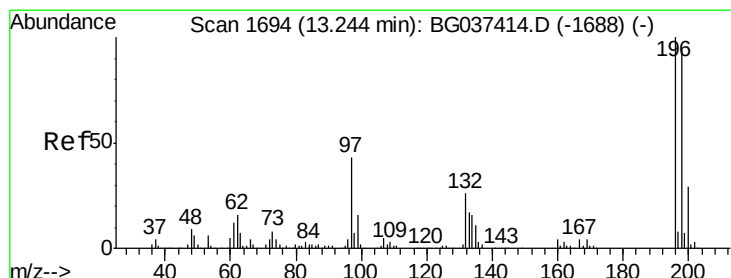
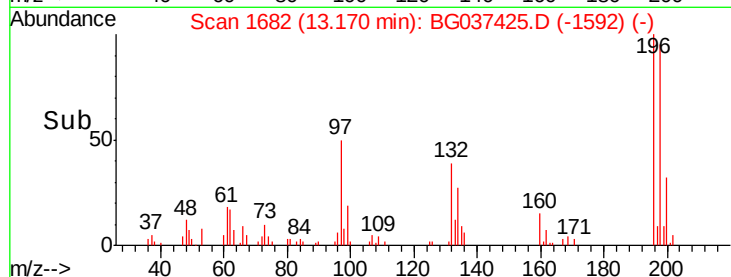
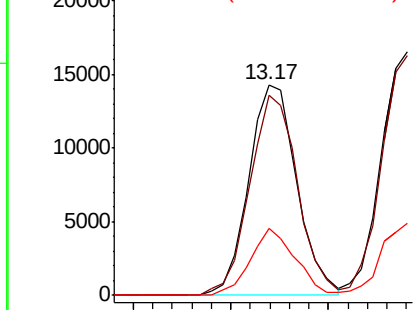
#43
 2,4,6-Trichlorophenol
 Concen: 7.124 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion:196 Resp: 24359
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.4 114.6
 200 31.8 24.9 37.3

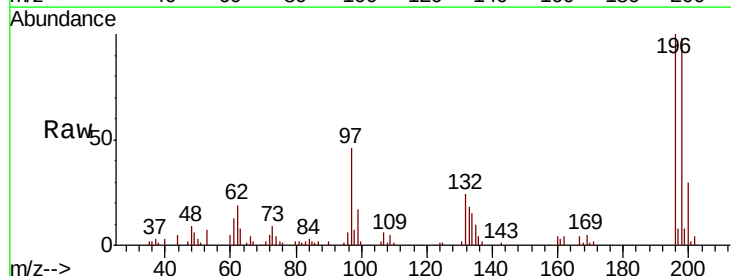


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

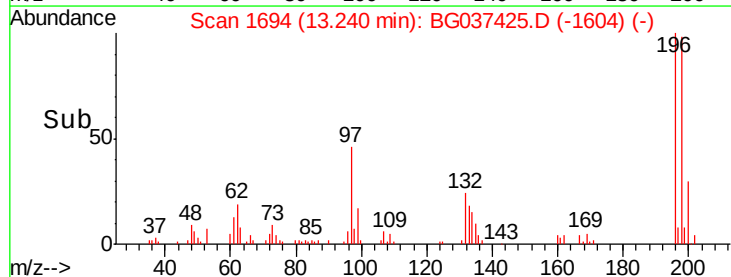
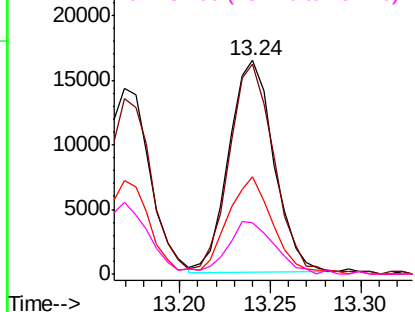


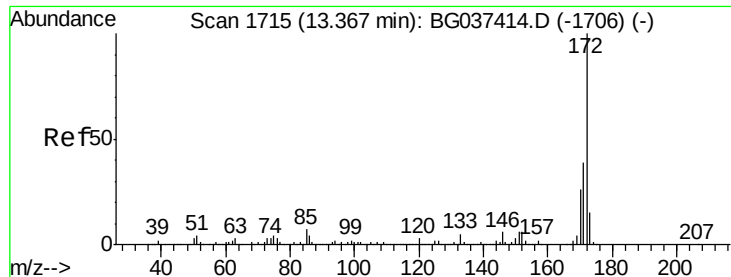
#44
 2,4,5-Trichlorophenol
 Concen: 7.581 ng
 RT: 13.24 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion:196 Resp: 28222
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.2 111.2
 97 45.8 34.1 51.1
 132 23.8 20.2 30.4



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): BGC
 Ion 132.00 (131.70 to 132.70): E

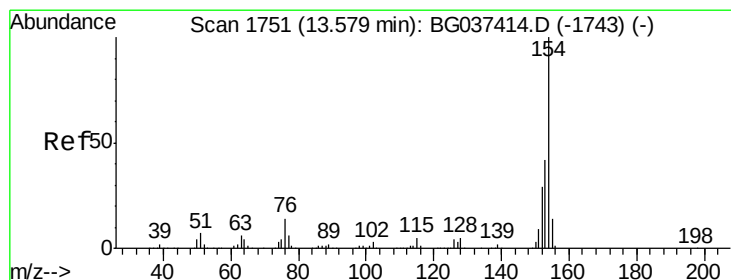
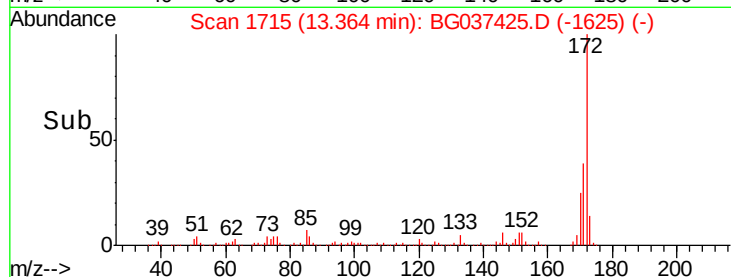
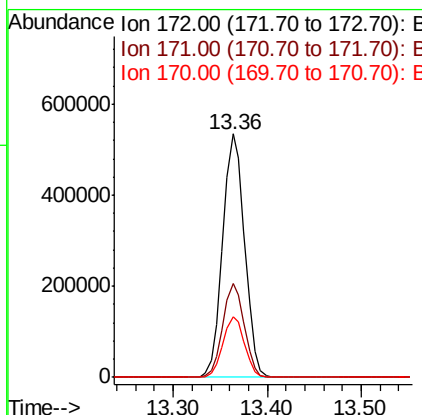
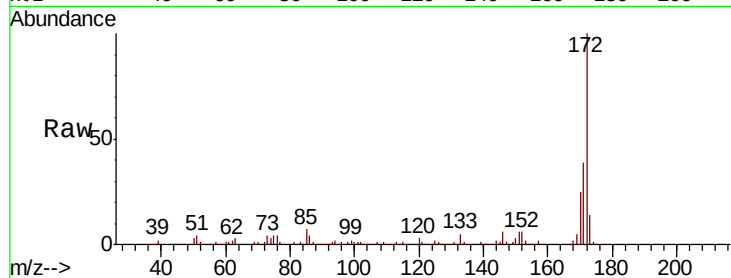




#45
2-Fluorobiphenyl
Concen: 82.379 ng
RT: 13.36 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

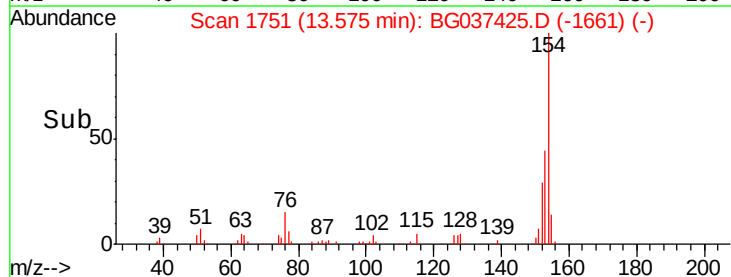
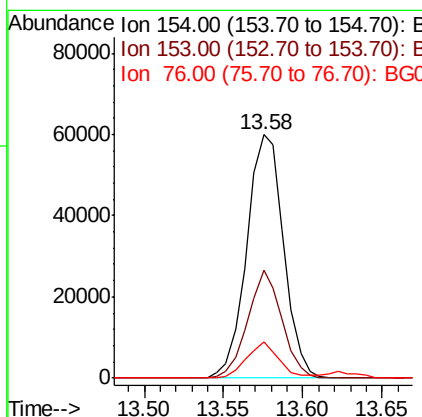
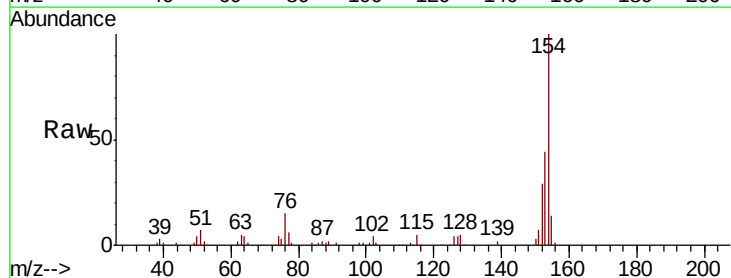
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

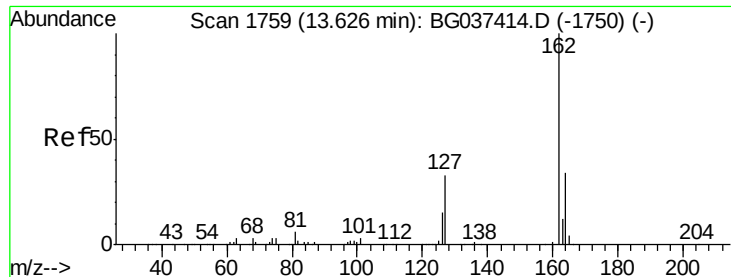
Tot Ion:172 Resp: 866854
Ion Ratio Lower Upper
172 100
171 38.6 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 7.339 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:154 Resp: 96440
Ion Ratio Lower Upper
154 100
153 44.4 22.1 62.1
76 14.8 0.0 33.2

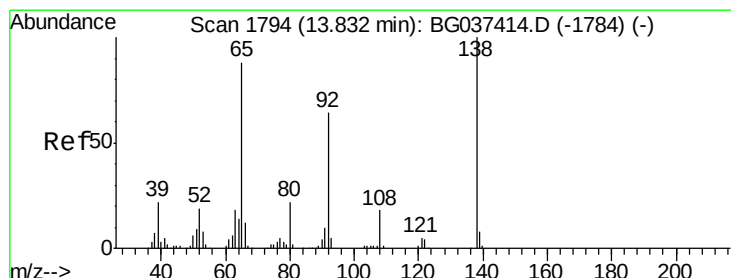
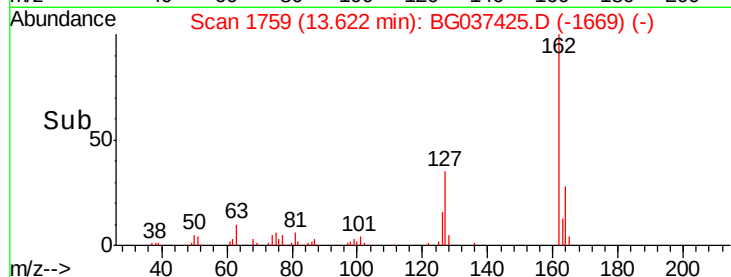
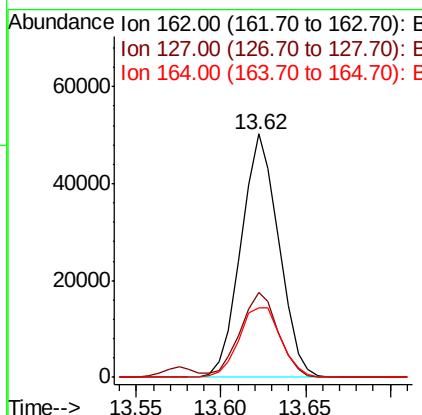
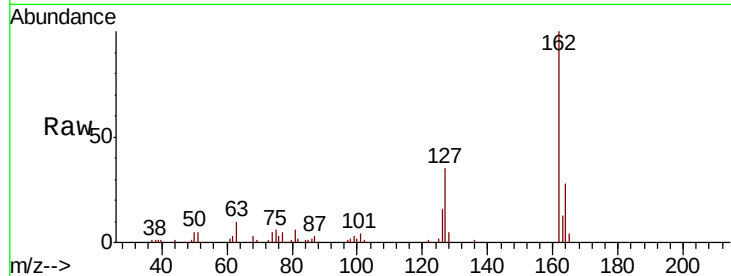




#47
2-Chloronaphthalene
Concen: 7.861 ng
RT: 13.62 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

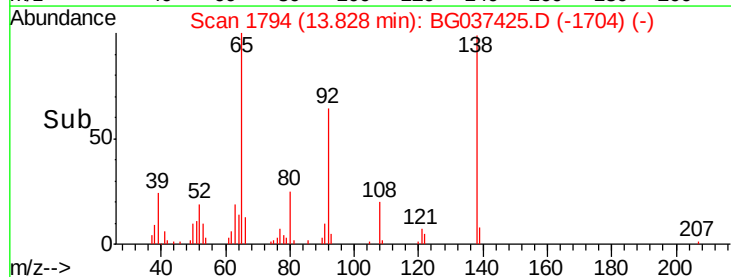
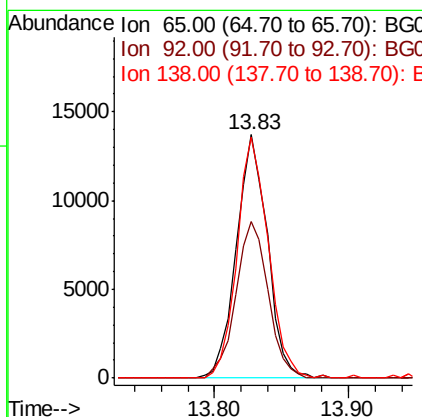
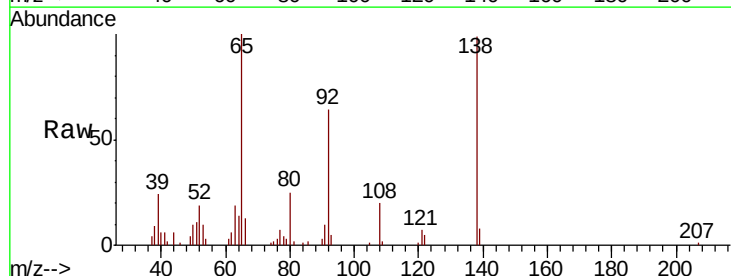
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

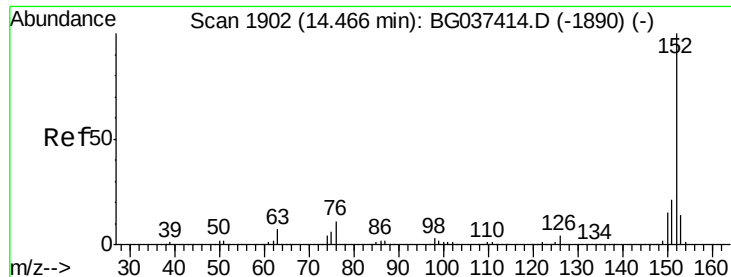
Tot Ion	Ratio	Lower	Upper
162	100		
127	35.0	30.5	45.7
164	28.4	26.4	39.6



#48
2-Nitroaniline
Concen: 7.343 ng
RT: 13.83 min Scan# 1794
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.4	53.2	79.8
138	99.0	79.3	118.9





#49

Acenaphthylene

Concen: 8.555 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

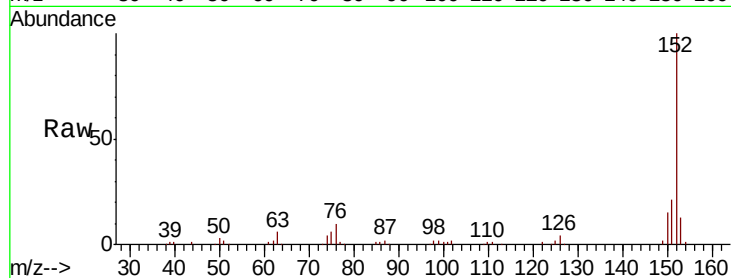
Tot Ion:152 Resp: 127941

Ion Ratio Lower Upper

152 100

151 20.7 17.1 25.7

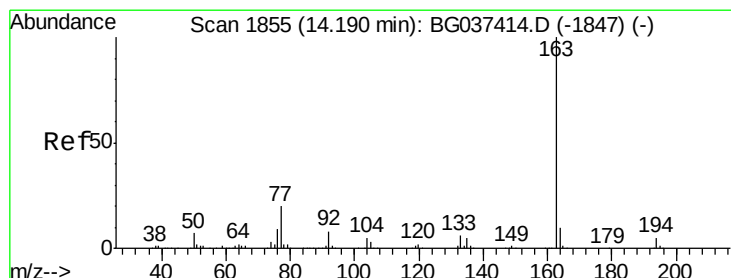
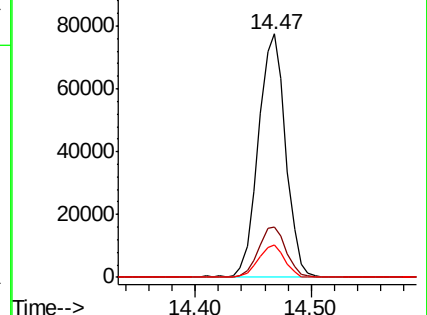
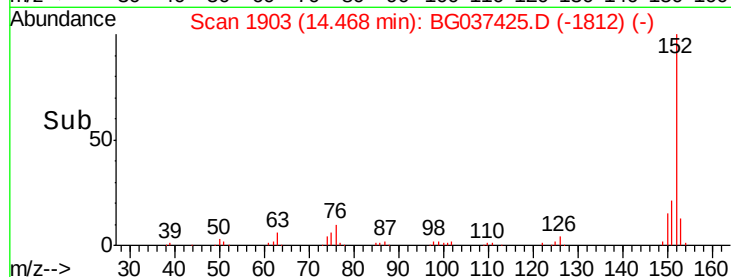
153 13.5 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.345 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

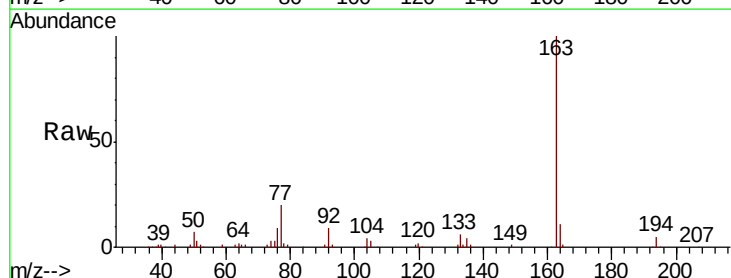
Tgt Ion:163 Resp: 102435

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

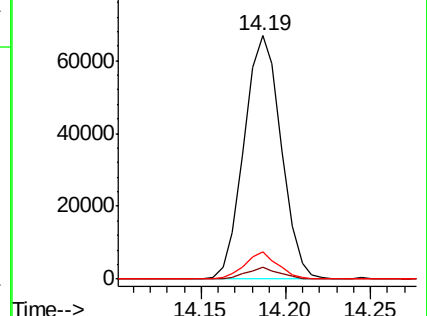
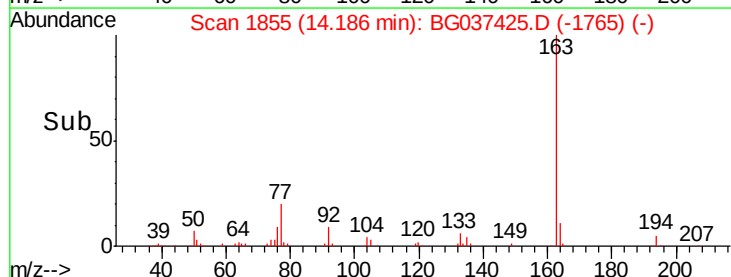
164 11.2 8.5 12.7

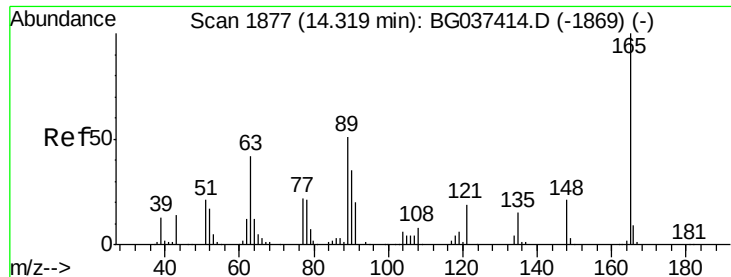


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

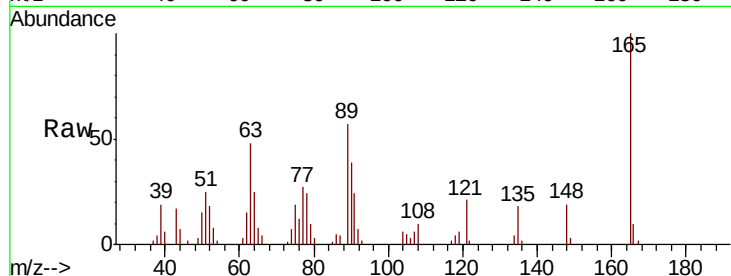




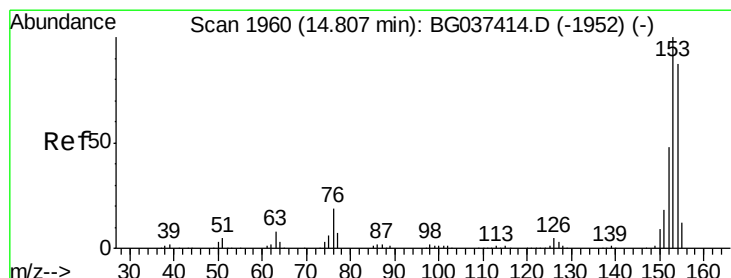
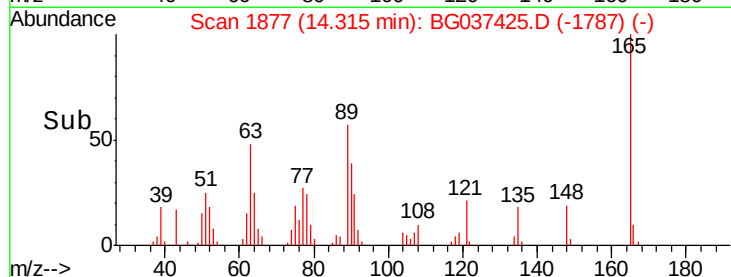
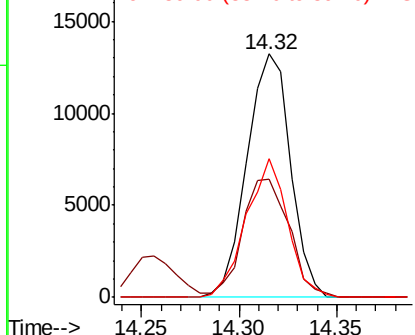
#51
2,6-Dinitrotoluene
Concen: 7.503 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.3	43.4	65.2
89	56.9	45.8	68.6

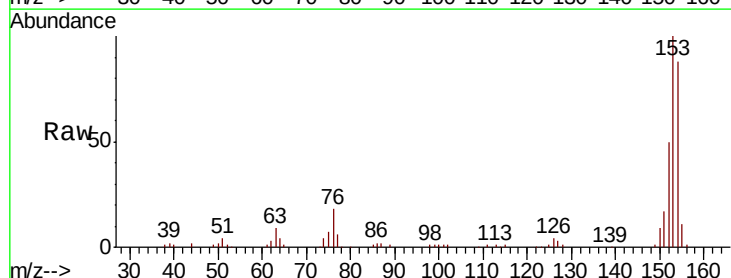


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

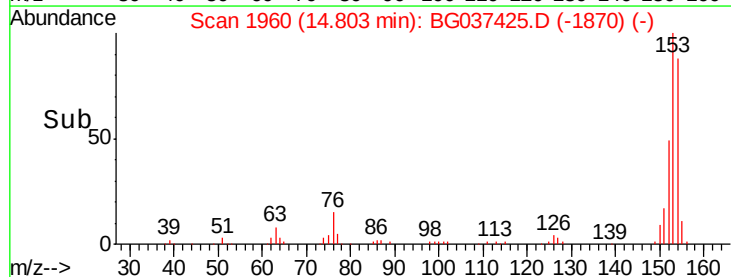
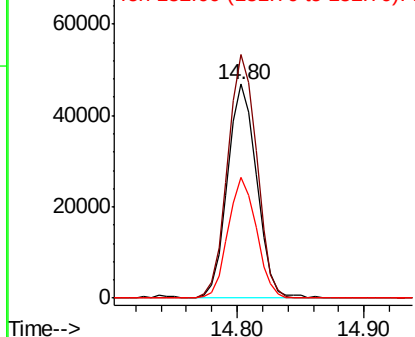


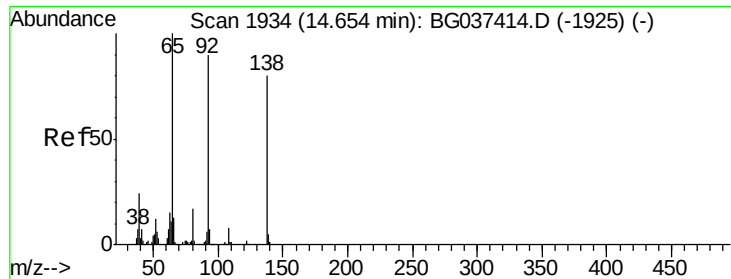
#52
Acenaphthene
Concen: 8.105 ng
RT: 14.80 min Scan# 1960
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.7	93.4	140.0
152	56.4	44.7	67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

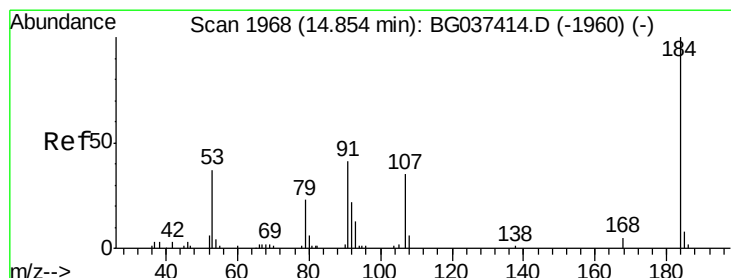
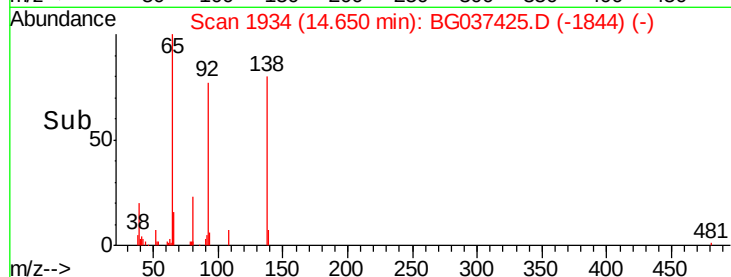
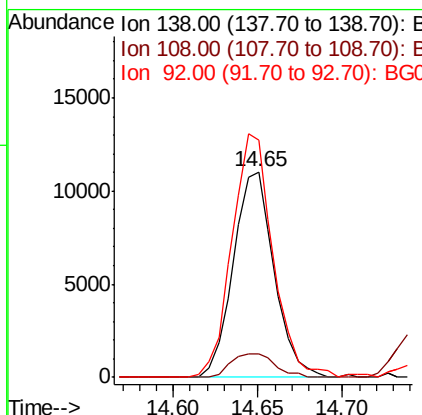
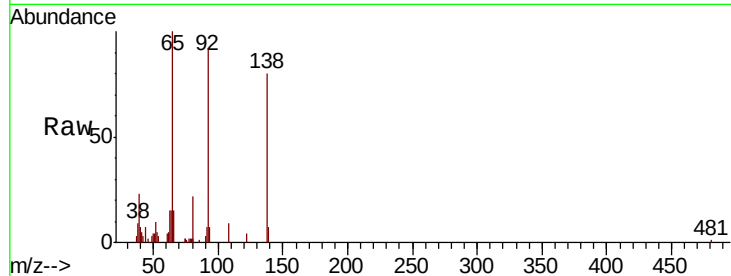




#53
3-Nitroaniline
Concen: 6.145 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

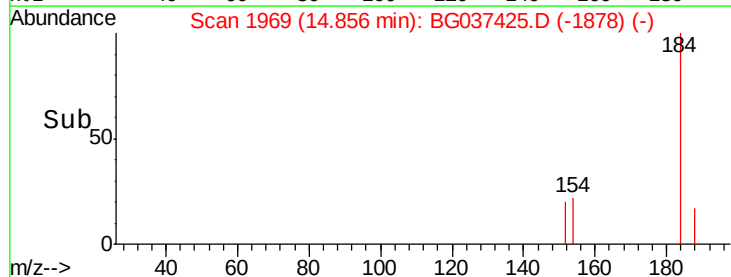
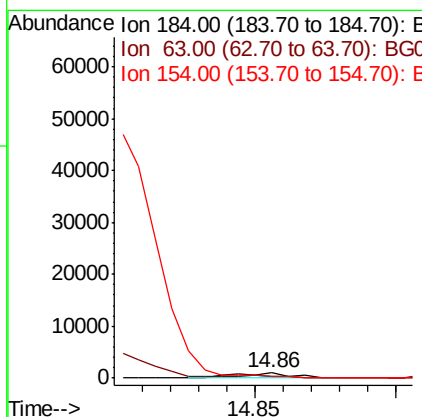
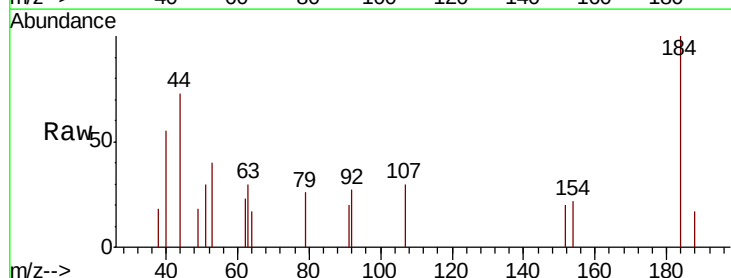
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

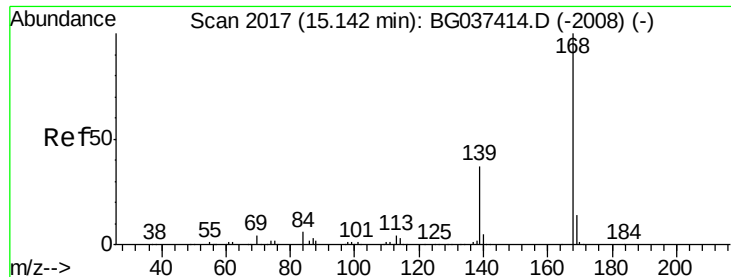
Tot Ion:138 Resp: 18525
Ion Ratio Lower Upper
138 100
108 11.2 11.0 16.6
92 115.2 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 8.255 ng
RT: 14.86 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:184 Resp: 1353
Ion Ratio Lower Upper
184 100
63 30.2 42.6 63.8#
154 21.5 41.8 62.6#

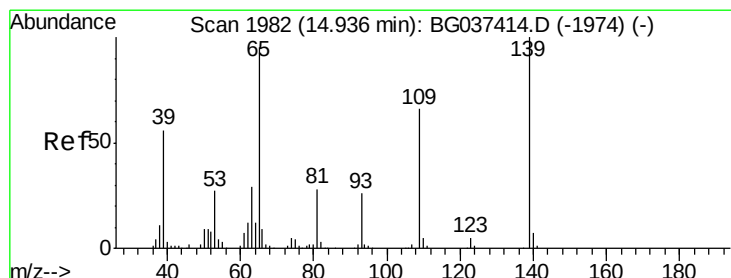
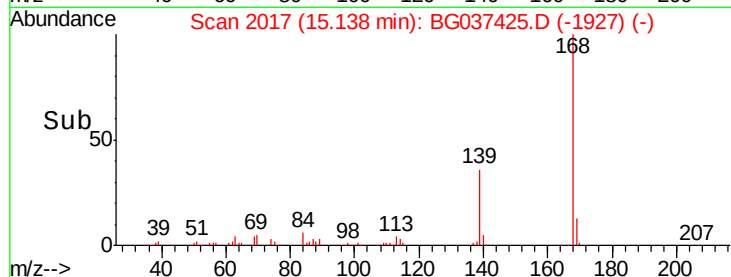
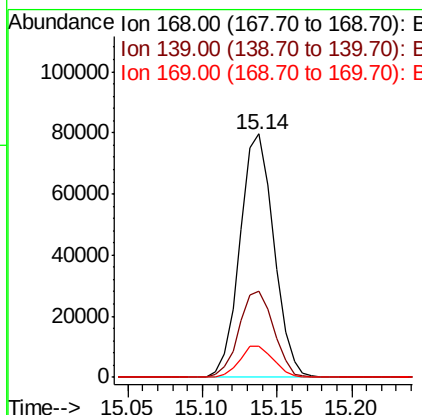
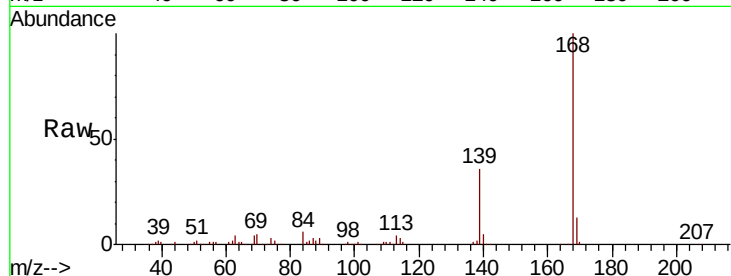




#55
Dibenzenofuran
Concen: 8.207 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

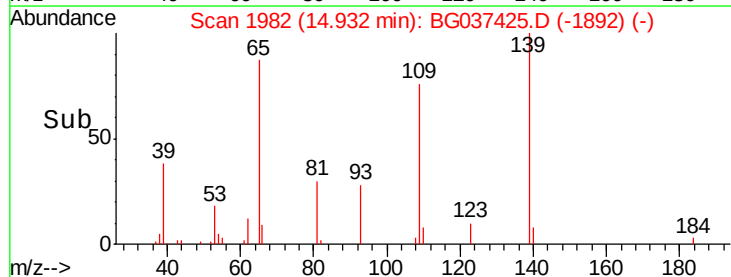
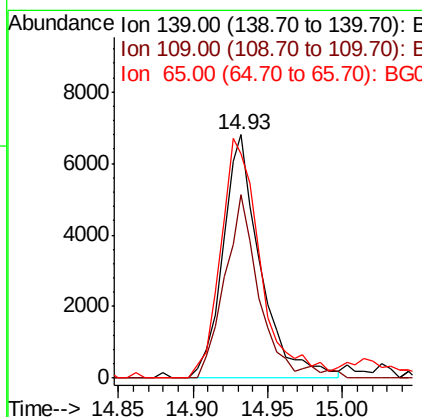
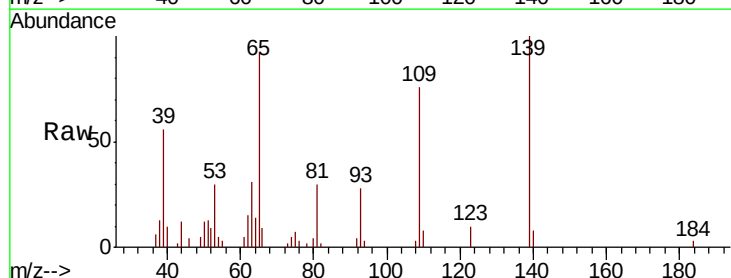
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

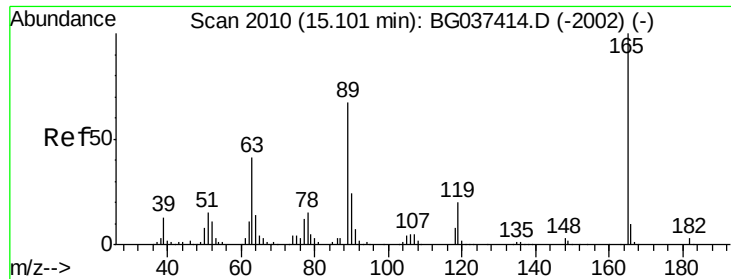
Tot Ion:168 Resp: 125236
Ion Ratio Lower Upper
168 100
139 35.5 29.4 44.0
169 13.0 11.0 16.6



#56
4-Nitrophenol
Concen: 5.362 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:139 Resp: 11966
Ion Ratio Lower Upper
139 100
109 75.6 49.5 89.5
65 91.9 76.8 116.8

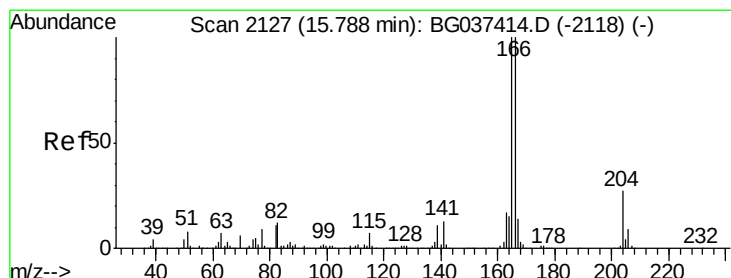
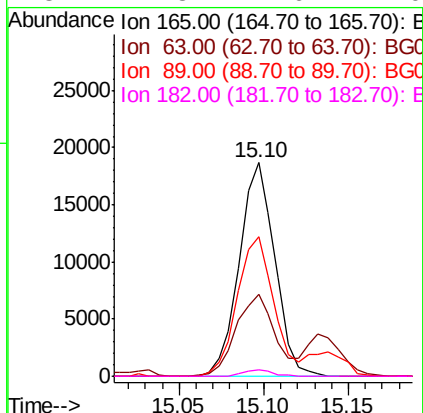
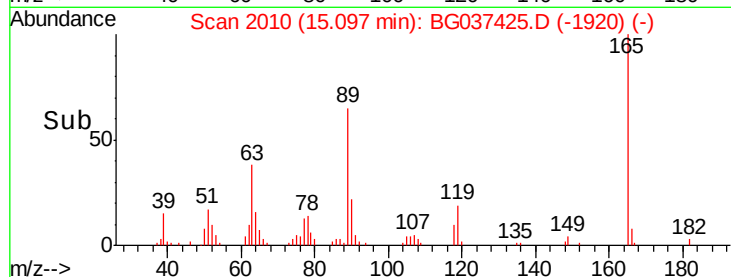
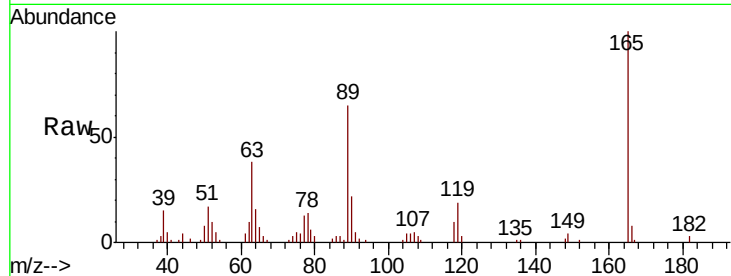




#57
2,4-Dinitrotoluene
Concen: 7.653 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

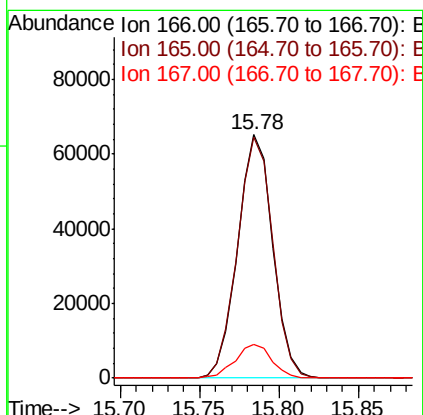
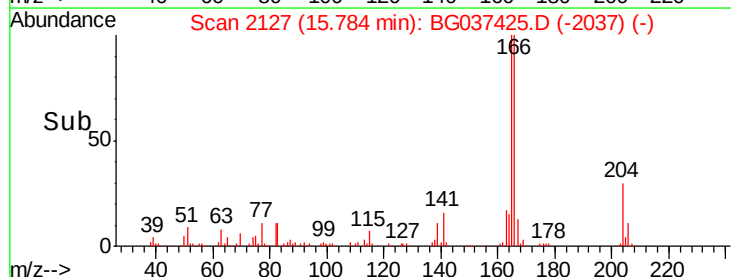
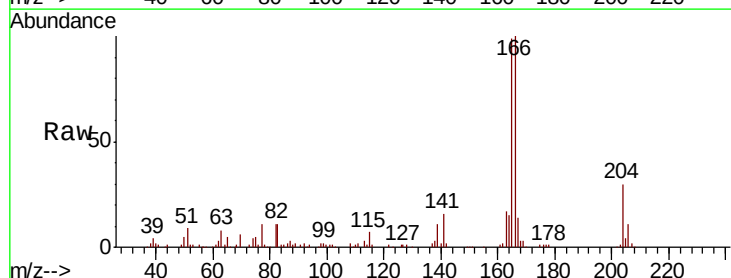
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

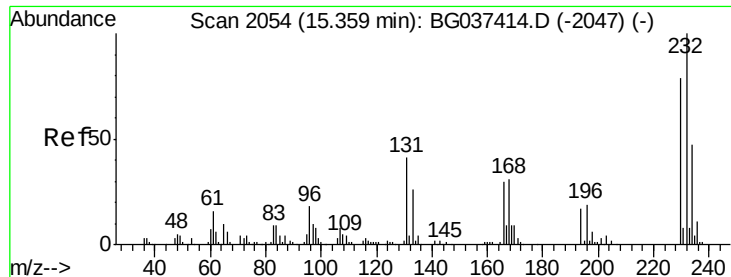
Tot Ion:165	Resp: 27282
Ion Ratio	Lower Upper
165 100	
63 38.3	33.4 50.0
89 65.1	57.2 85.8
182 2.8	2.6 4.0



#58
Fluorene
Concen: 8.736 ng
RT: 15.78 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt	Ion:166	Resp:	99832
Ion	Ratio	Lower	Upper
166	100		
165	99.0	79.0	118.6
167	13.7	11.3	16.9

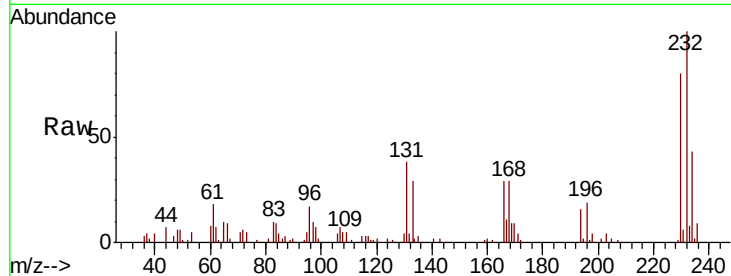




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.934 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.6	33.7	50.5
130	1.9	2.1	3.1
166	28.5	24.6	36.8



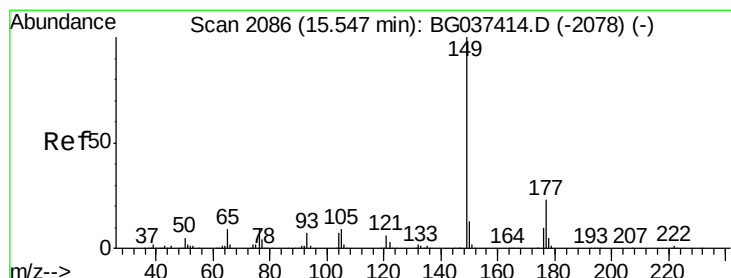
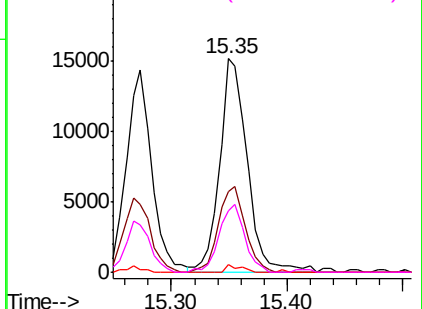
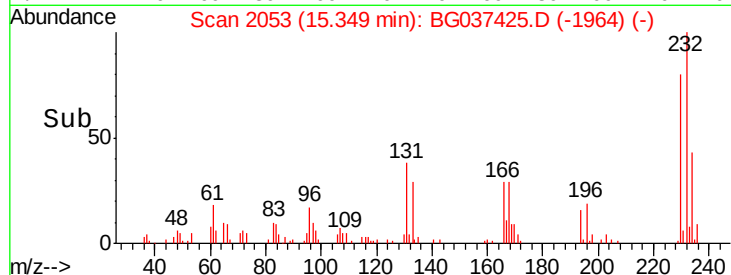
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

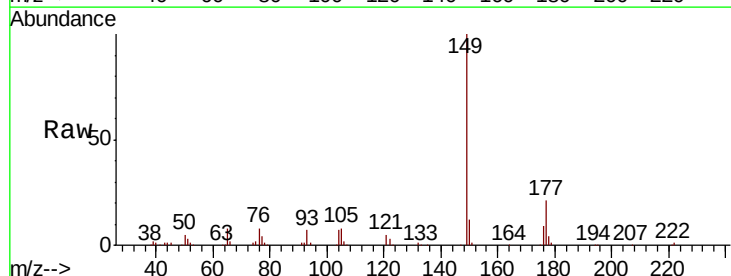
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 8.160 ng
 RT: 15.54 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.3	27.5
150	11.8	10.0	15.0

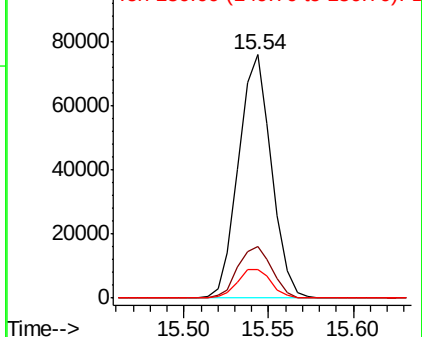
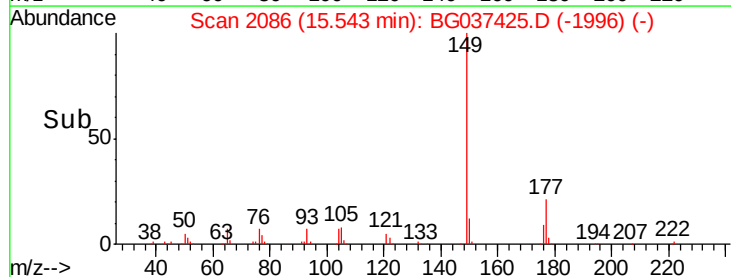


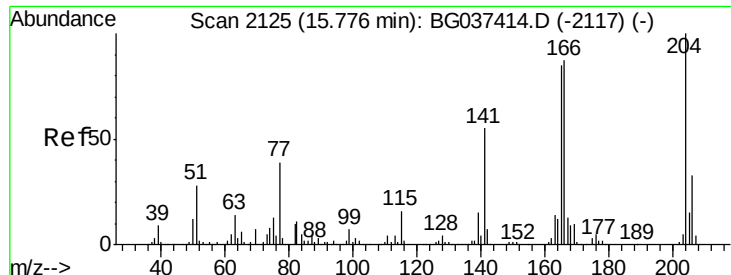
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

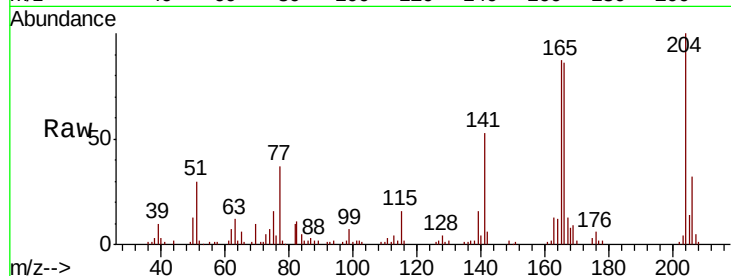




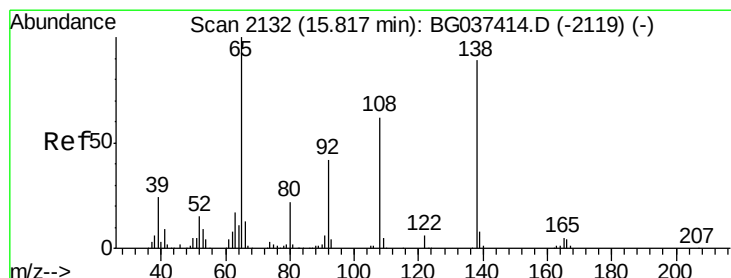
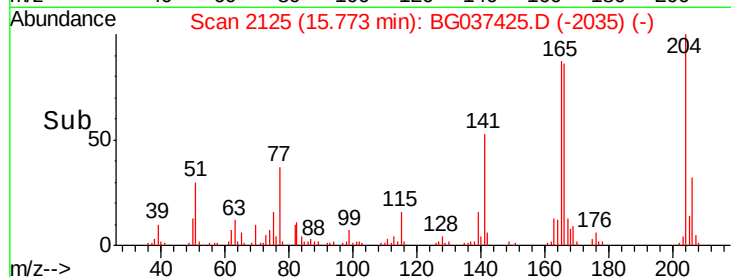
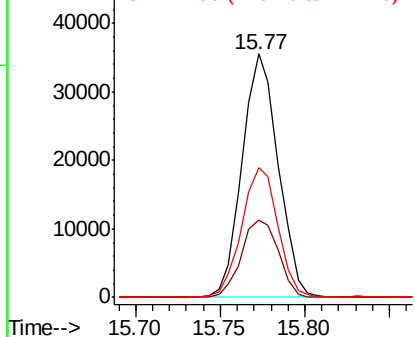
#61
4-Chlorophenyl-phenylether
Concen: 7.925 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:204 Resp: 52786
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 53.0 45.4 68.2

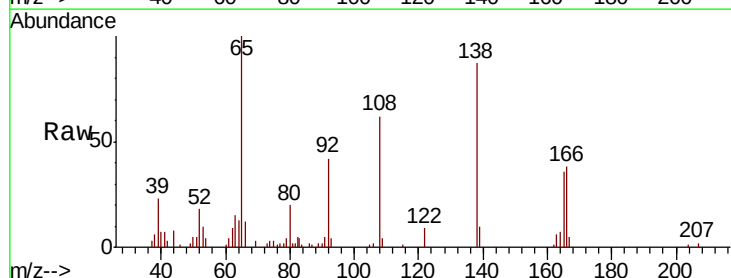


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

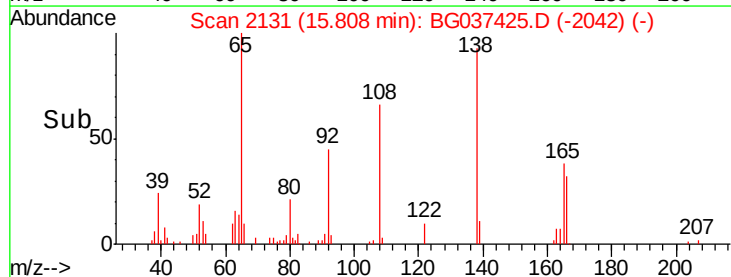
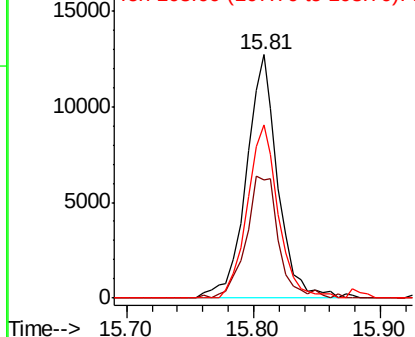


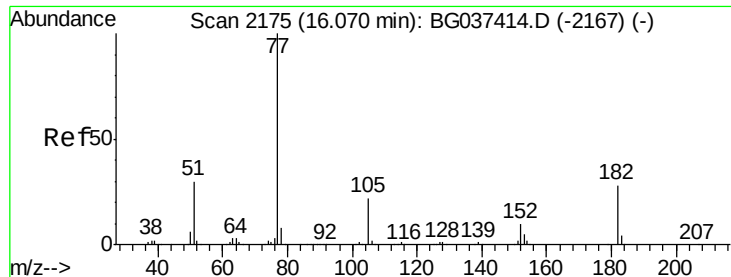
#62
4-Nitroaniline
Concen: 7.284 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:138 Resp: 21820
Ion Ratio Lower Upper
138 100
92 48.6 36.4 76.4
108 71.1 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 8.345 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion: 77 Resp: 100345

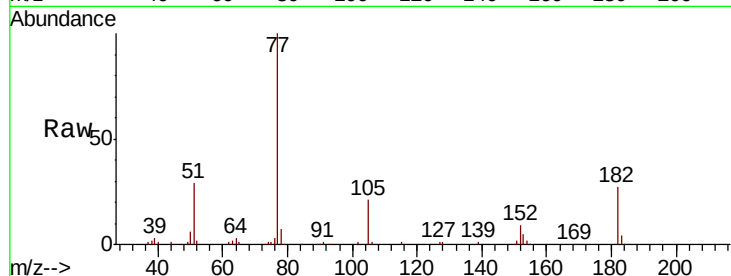
Ion Ratio Lower Upper

77 100

182 26.7 8.0 48.0

105 20.9 1.3 41.3

51 28.7 10.7 50.7

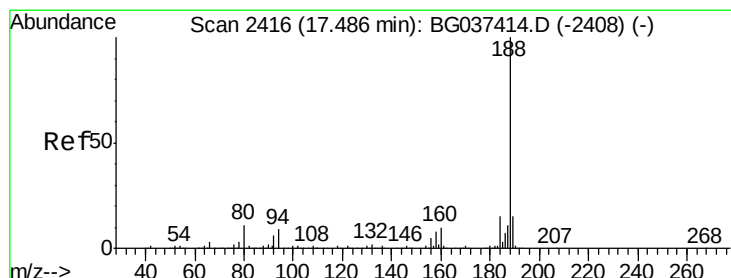
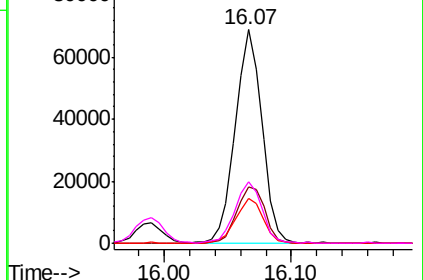
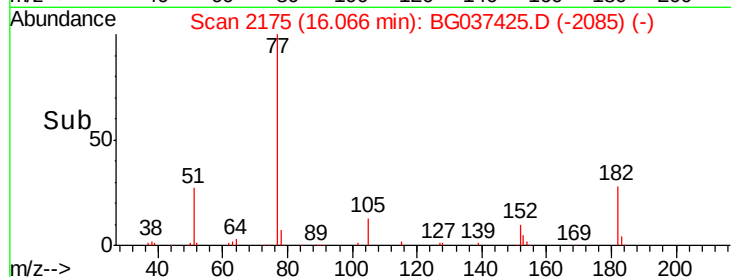


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

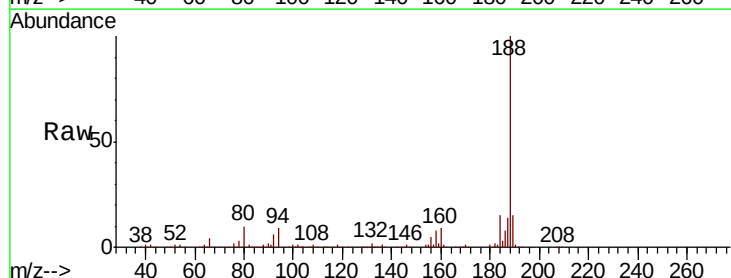
Tgt Ion: 188 Resp: 394595

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

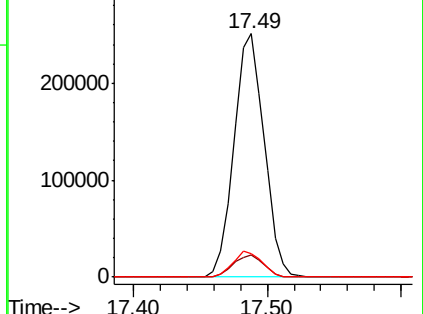
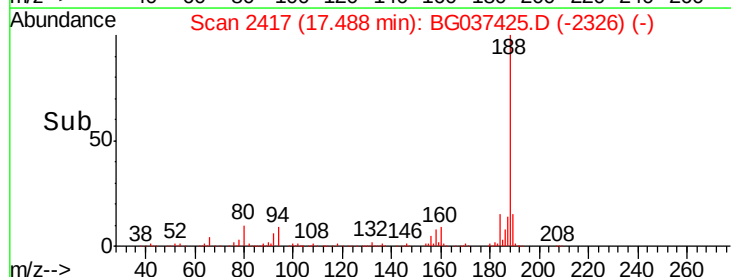
80 9.9 7.7 11.5

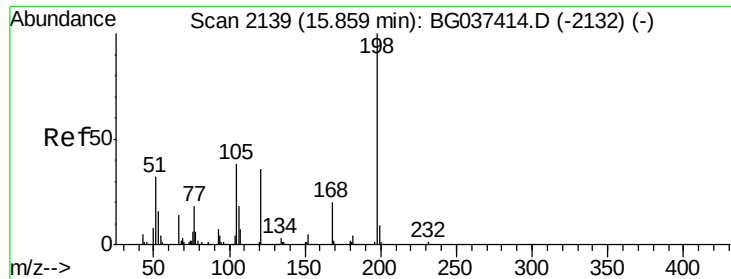


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 10.793 ng

RT: 15.85 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

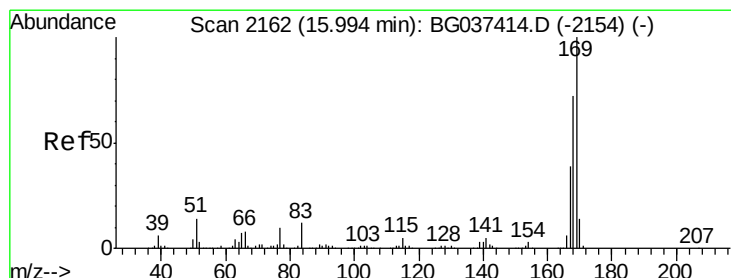
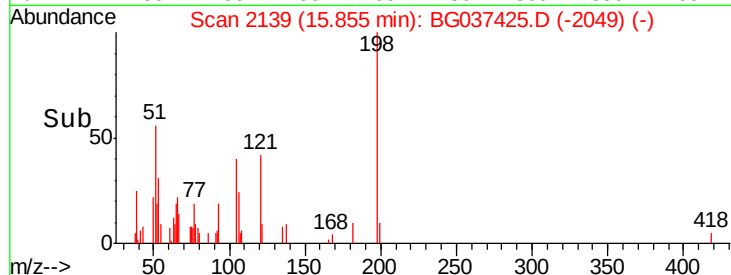
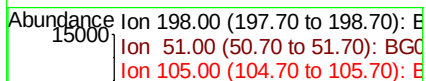
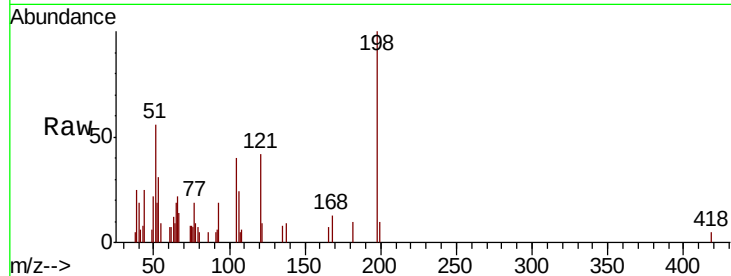
BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

Tot Ion:198 Resp: 5752

Ion	Ratio	Lower	Upper
198	100		
51	55.9	22.7	62.7
105	39.6	19.7	59.7



#66

n-Nitrosodiphenylamine

Concen: 7.539 ng

RT: 15.99 min Scan# 2162

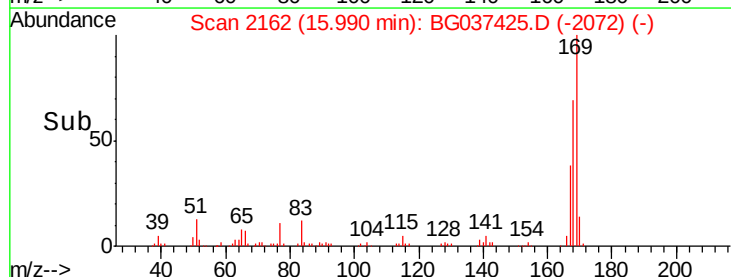
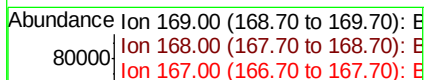
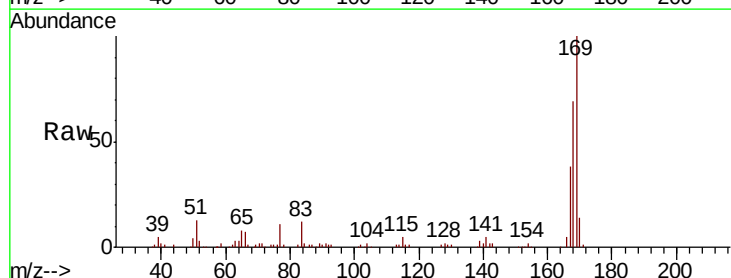
Delta R.T. -0.00 min

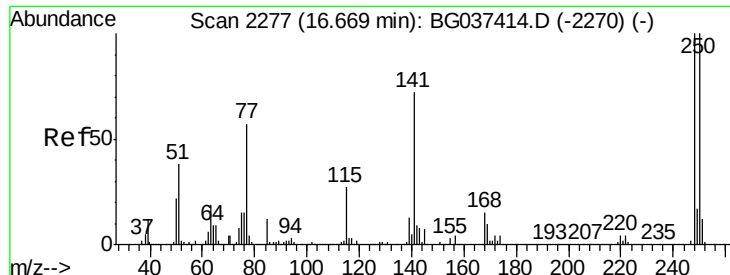
Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Tgt Ion:169 Resp: 89487

Ion	Ratio	Lower	Upper
169	100		
168	69.4	55.7	83.5
167	37.6	31.3	46.9





#67

4-Bromophenyl-phenylether

Concen: 7.338 ng

RT: 16.67 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

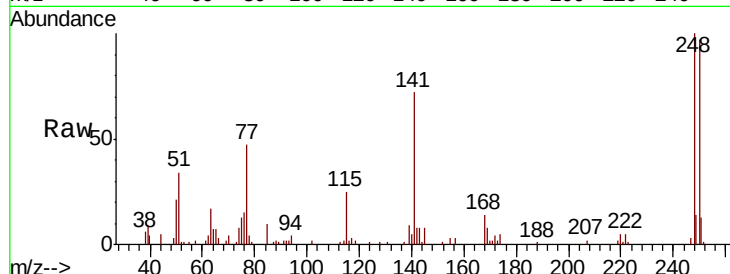
Tot Ion:248 Resp: 31799

Ion Ratio Lower Upper

248 100

250 96.8 77.0 115.6

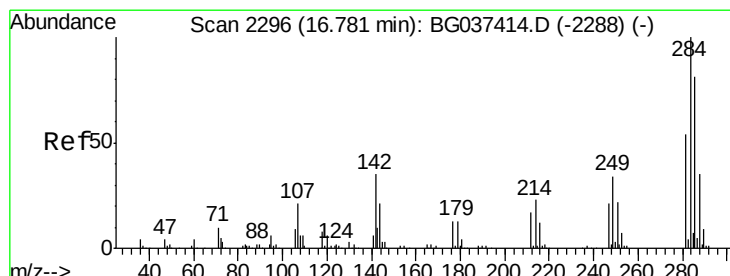
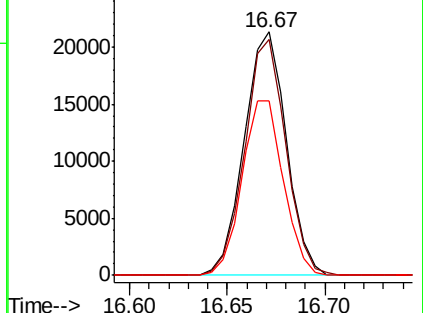
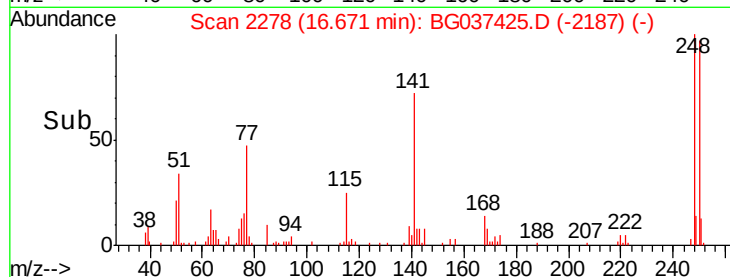
141 71.6 55.5 83.3



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



#68

Hexachlorobenzene

Concen: 7.412 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

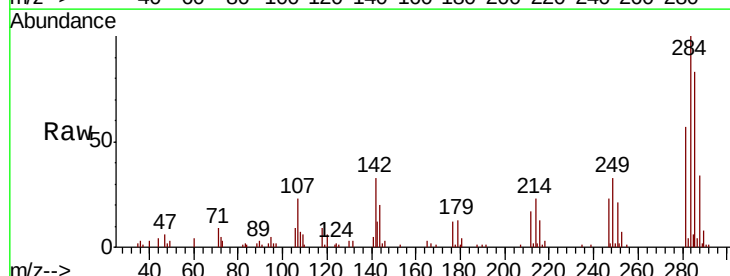
Tgt Ion:284 Resp: 33290

Ion Ratio Lower Upper

284 100

142 33.0 28.1 42.1

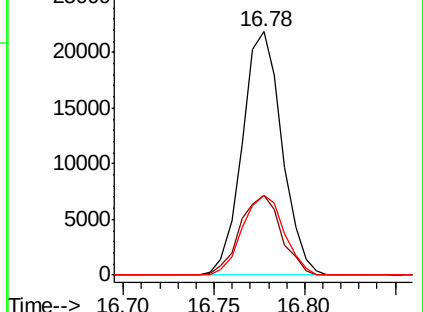
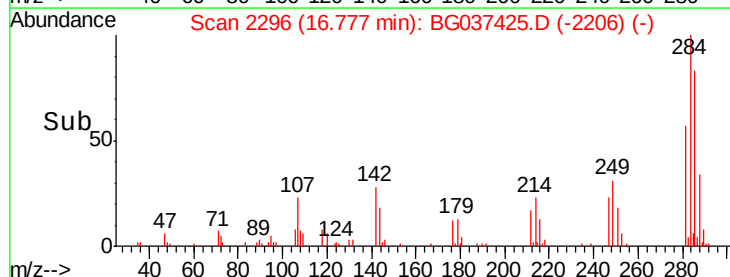
249 32.6 29.8 44.8

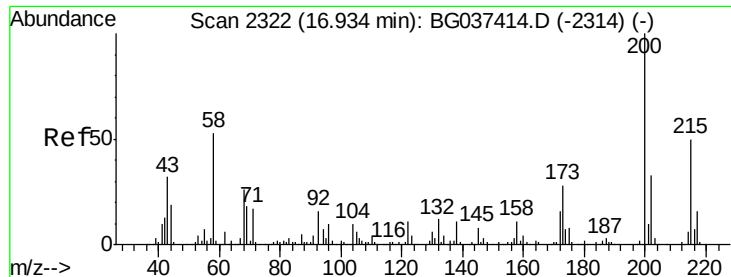


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

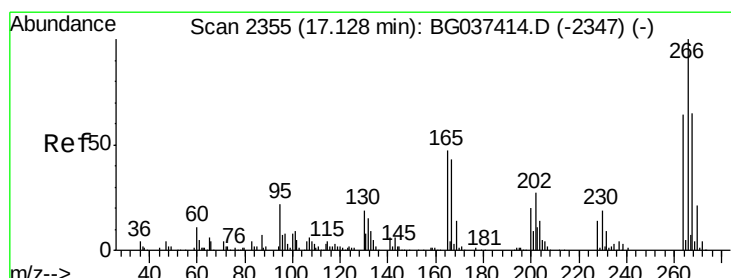
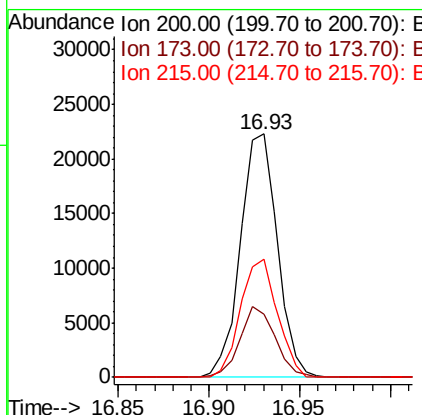
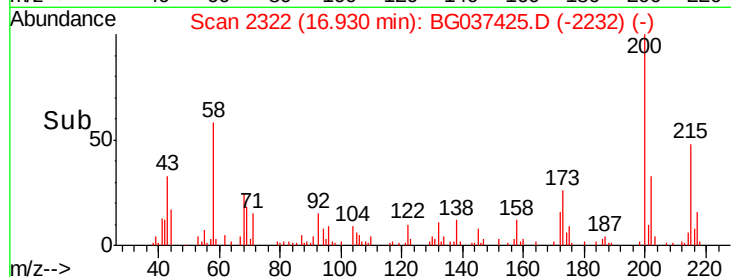
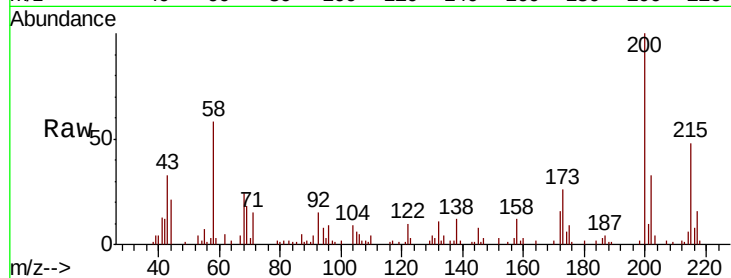




#69
Atrazine
Concen: 7.349 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

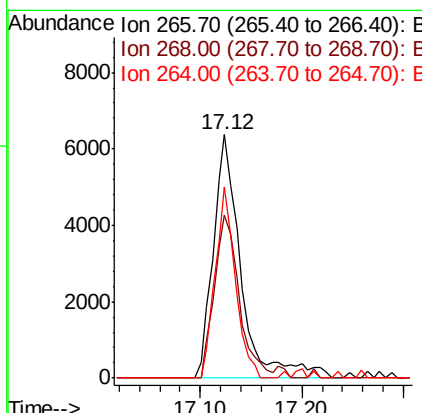
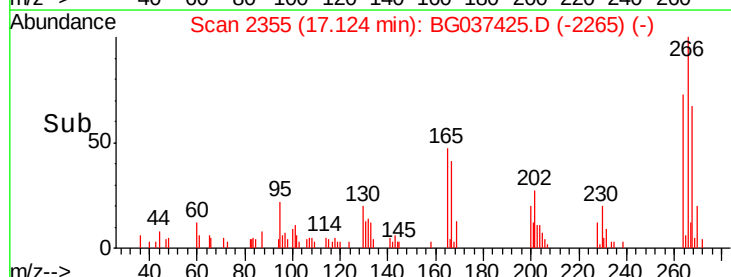
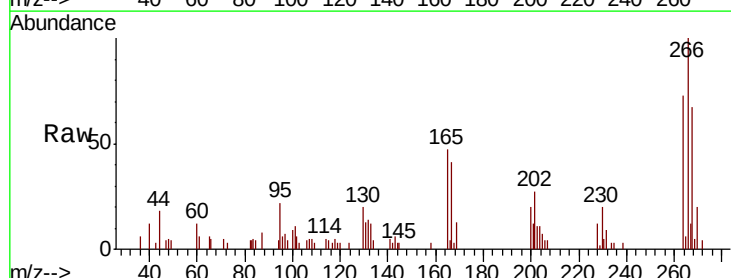
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

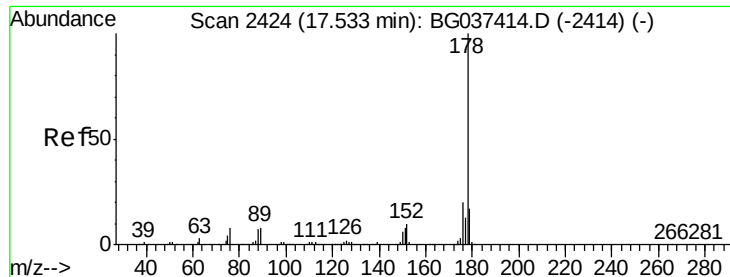
Tot Ion:200 Resp: 31539
Ion Ratio Lower Upper
200 100
173 25.8 6.1 46.1
215 48.5 30.8 70.8



#70
Pentachlorophenol
Concen: 3.997 ng
RT: 17.12 min Scan# 2355
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:266 Resp: 12023
Ion Ratio Lower Upper
266 100
268 72.1 55.0 82.6
264 78.6 58.9 88.3

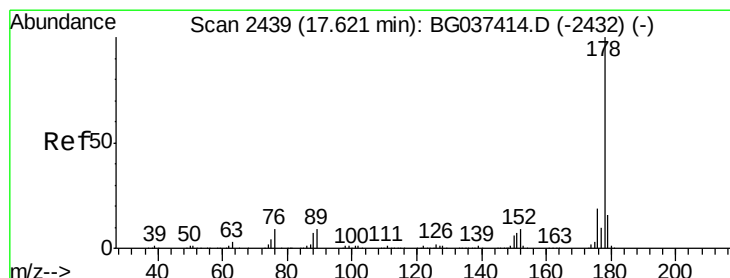
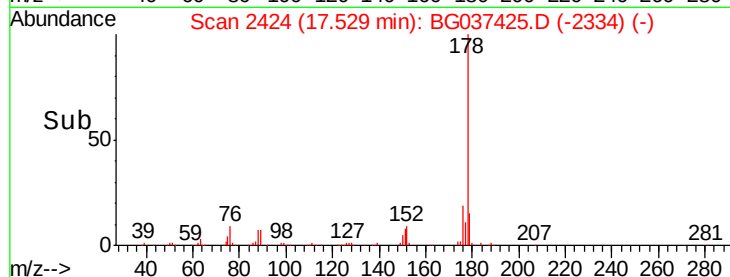
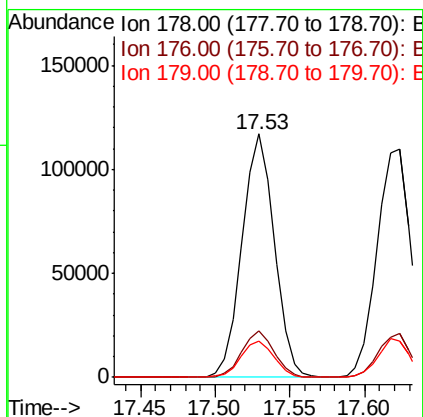
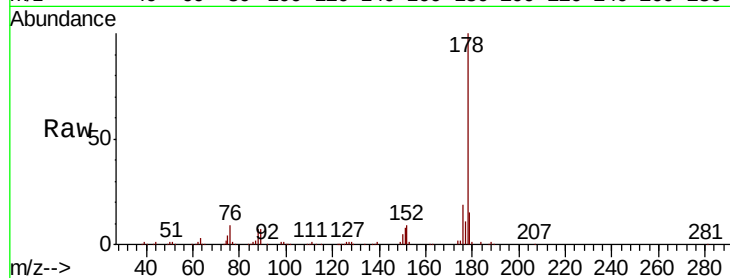




#71
Phenanthrene
Concen: 8.758 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

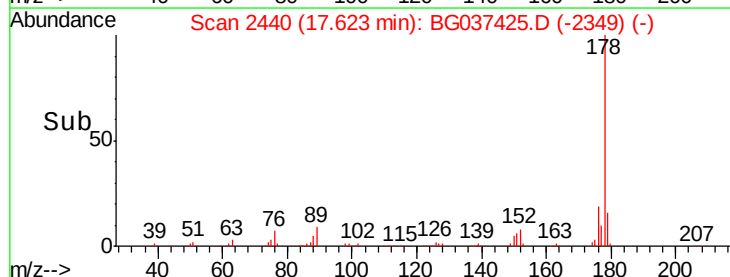
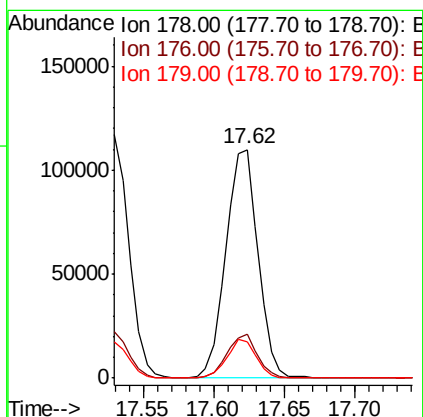
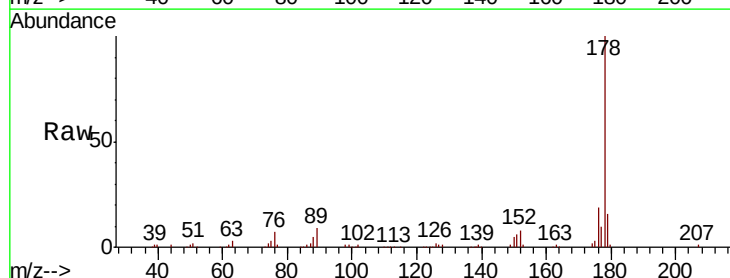
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

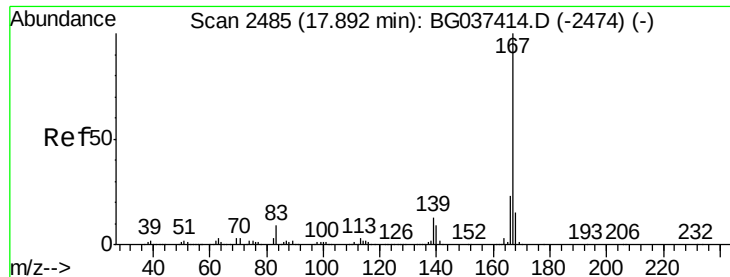
Tot Ion:178 Resp: 175634
Ion Ratio Lower Upper
178 100
176 19.3 16.1 24.1
179 14.7 13.0 19.4



#72
Anthracene
Concen: 8.829 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:178 Resp: 173764
Ion Ratio Lower Upper
178 100
176 19.1 15.0 22.4
179 15.9 12.8 19.2

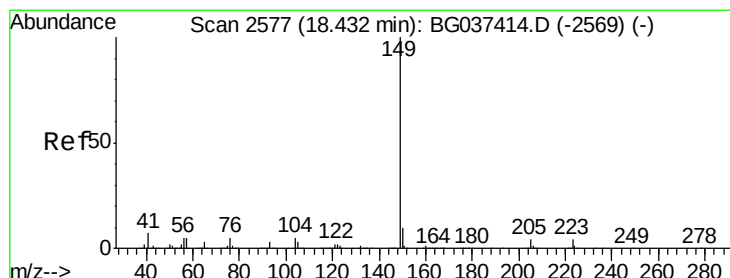
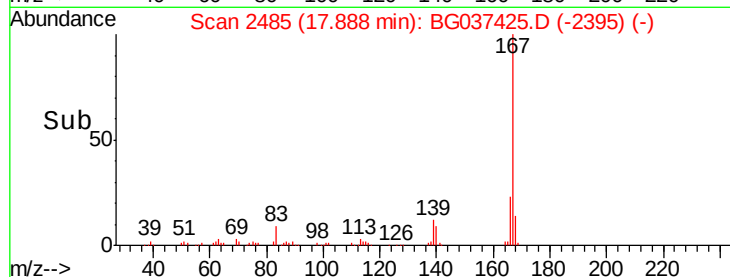
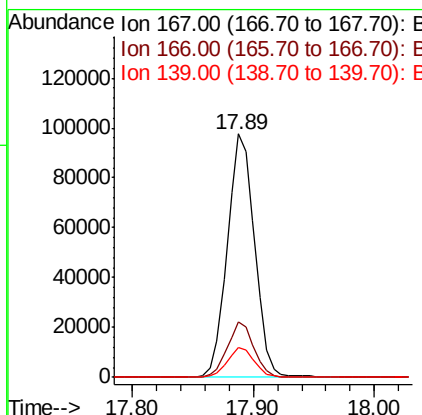
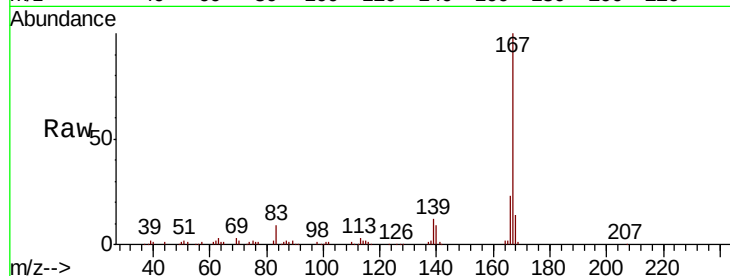




#73
 Carbazole
 Concen: 7.793 ng
 RT: 17.89 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

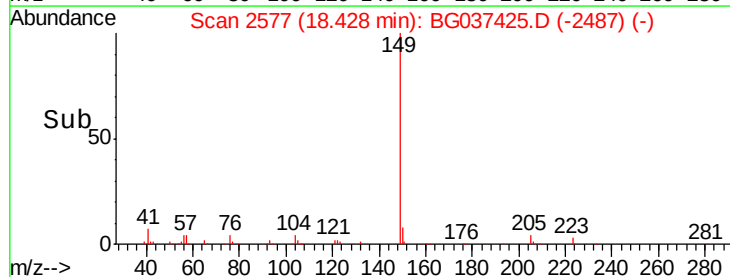
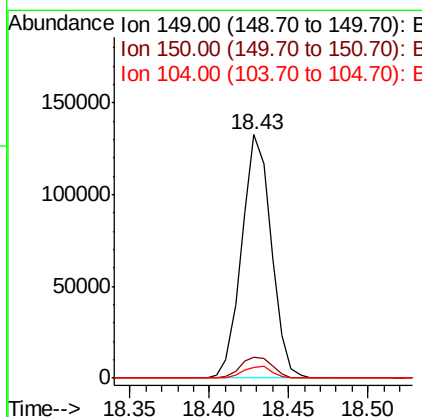
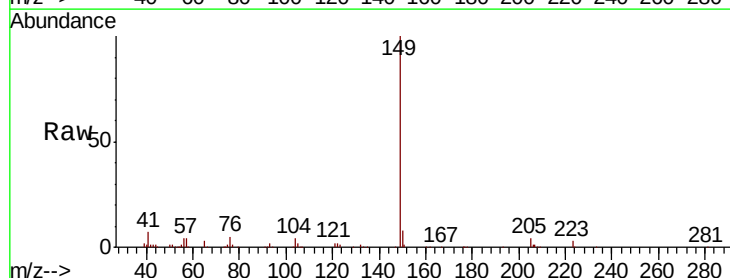
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2018

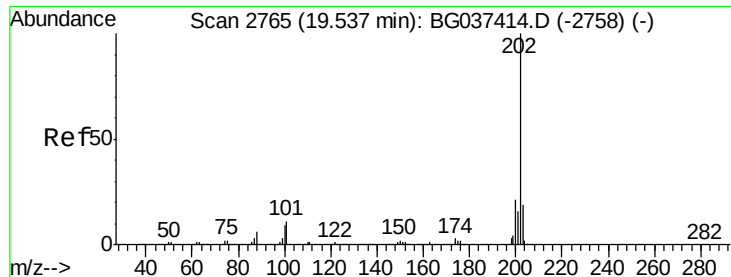
Tot Ion:167 Resp: 153422
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.3 27.5
 139 12.2 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 7.855 ng
 RT: 18.43 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: BG037425.D
 Acq: 18 Oct 2018 18:37

Tgt Ion:149 Resp: 172018
 Ion Ratio Lower Upper
 149 100
 150 8.4 8.2 12.2
 104 4.5 4.0 6.0





#75

Fluoranthene

Concen: 8.766 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

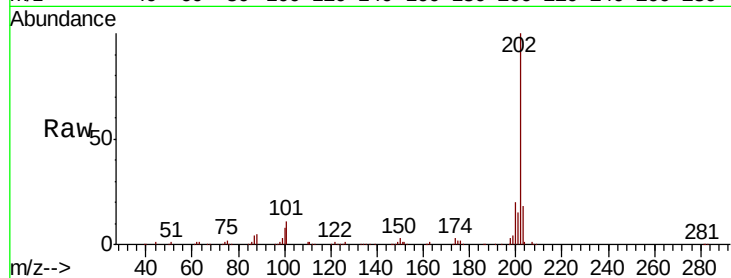
Tot Ion:202 Resp: 199393

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.7

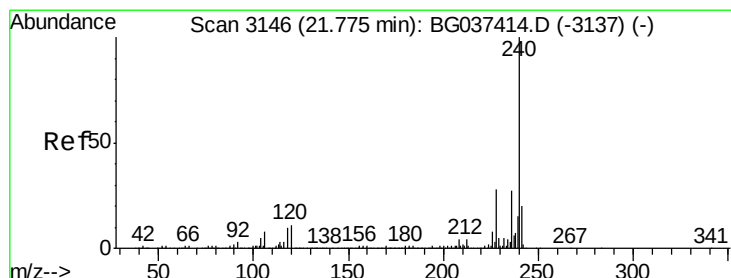
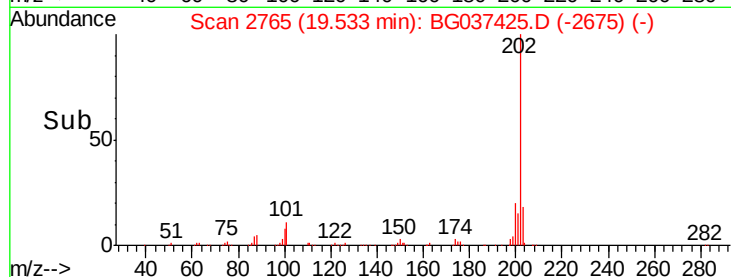
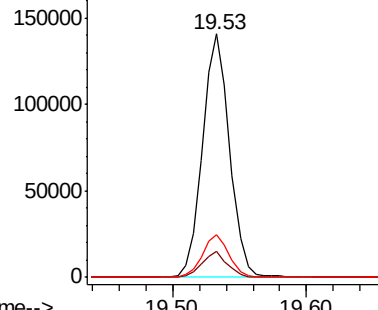
203 17.7 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

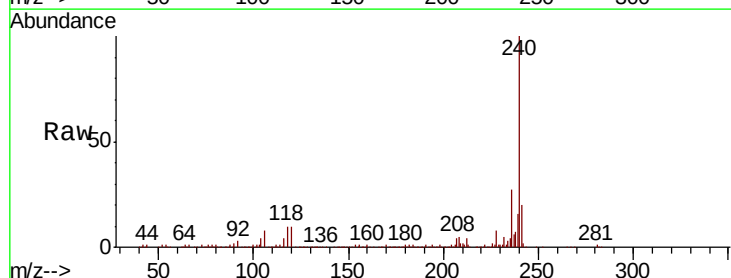
Tgt Ion:240 Resp: 368338

Ion Ratio Lower Upper

240 100

120 10.3 8.1 12.1

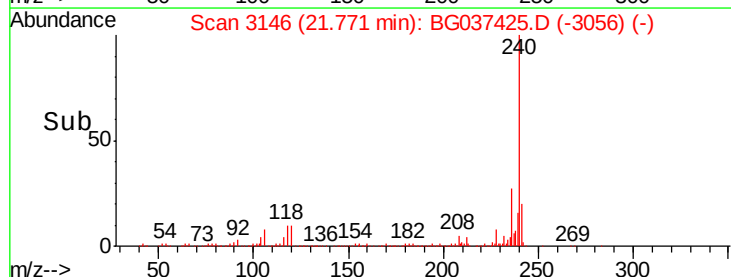
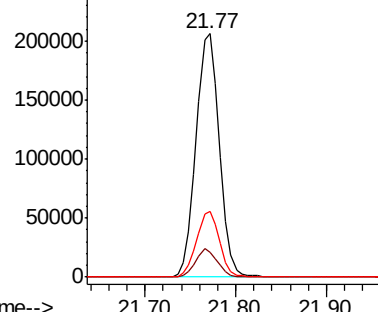
236 27.2 21.4 32.0

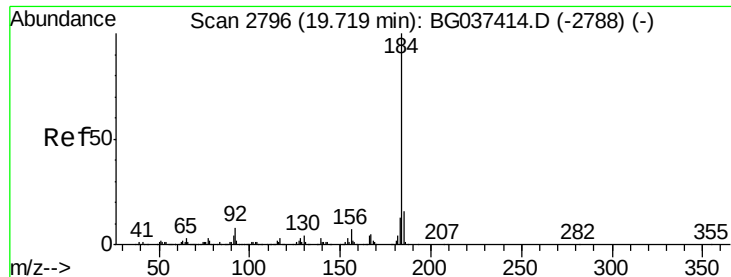


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 1.682 ng

RT: 19.71 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

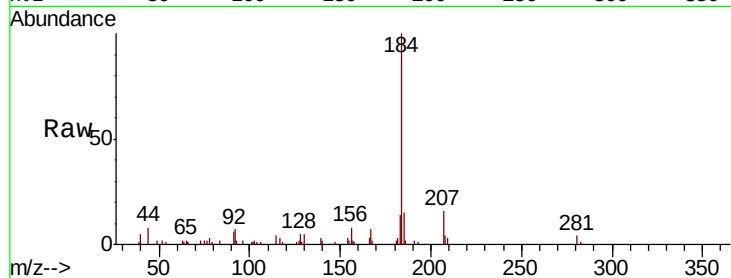
Tot Ion:184 Resp: 21066

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

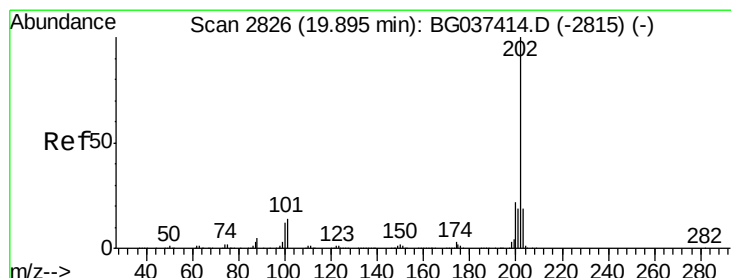
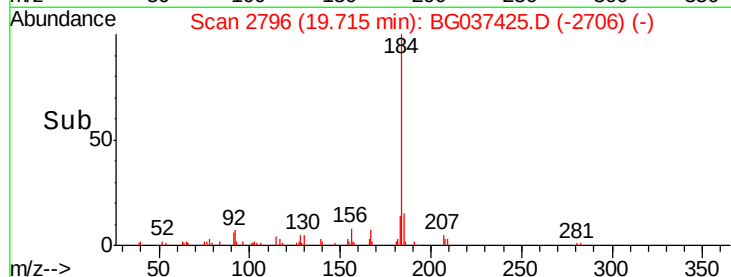
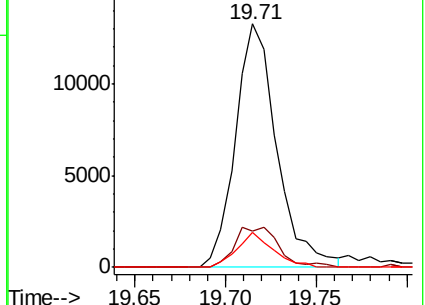
183 14.3 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.358 ng

RT: 19.89 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

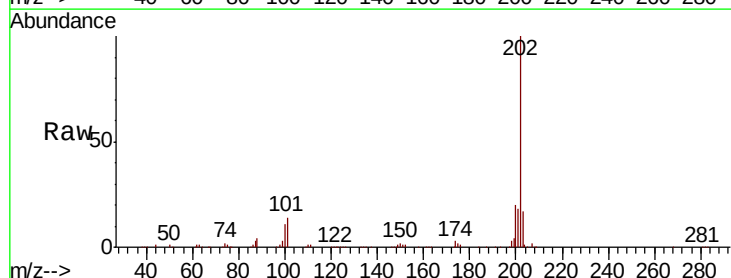
Tgt Ion:202 Resp: 201260

Ion Ratio Lower Upper

202 100

200 20.5 17.8 26.6

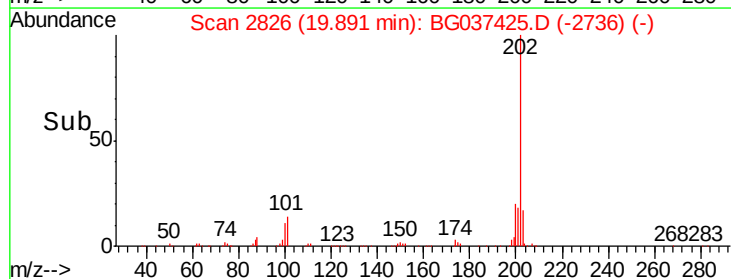
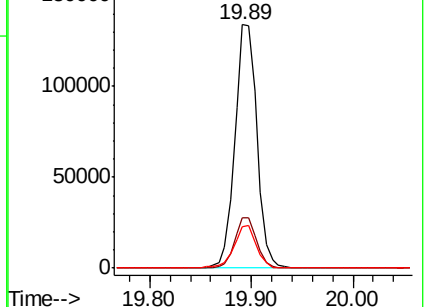
203 17.0 15.2 22.8

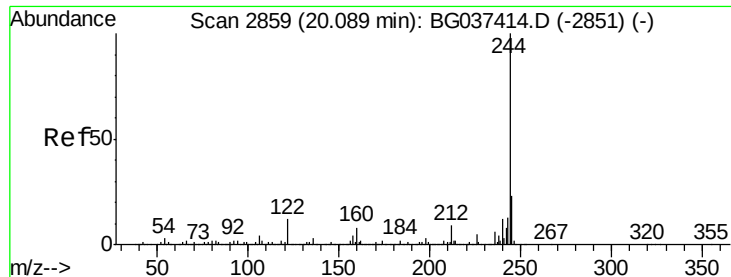


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.858 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

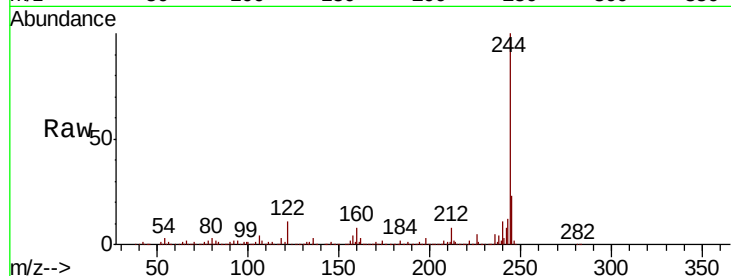
Tot Ion:244 Resp: 1359368

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

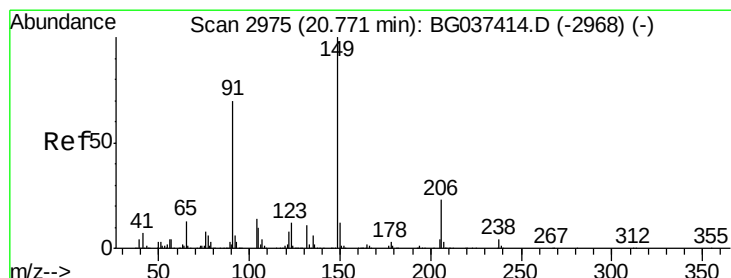
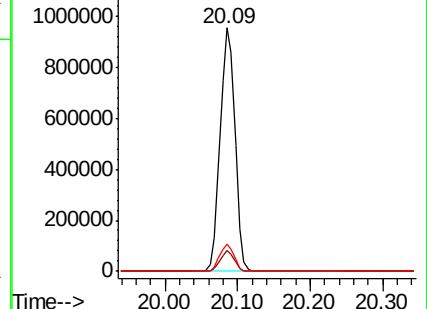
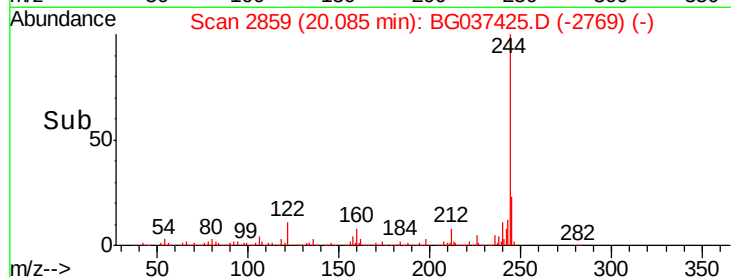
122 11.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.233 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

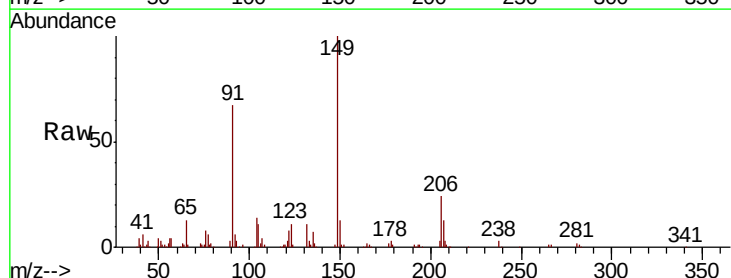
Tgt Ion:149 Resp: 71281

Ion Ratio Lower Upper

149 100

91 66.8 57.0 85.4

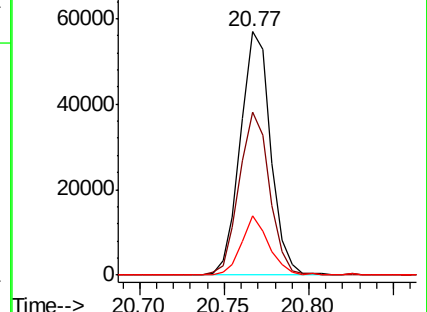
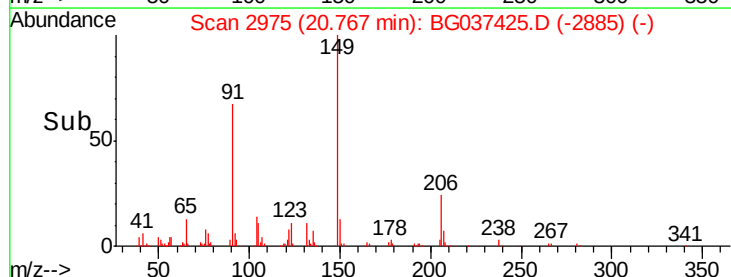
206 24.5 17.8 26.6

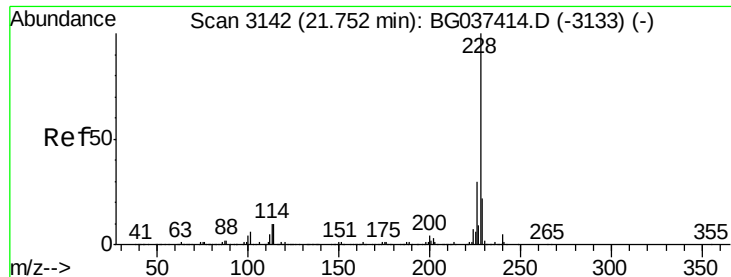


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

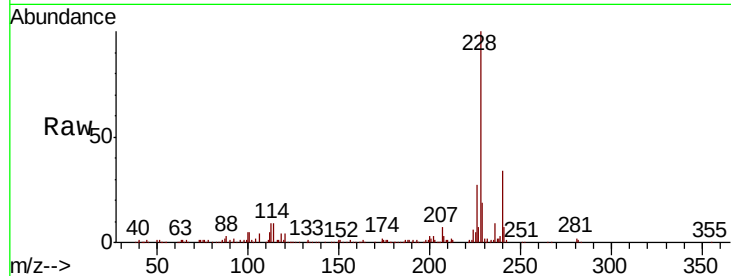




#81
Benzo(a)anthracene
Concen: 8.592 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	19.1	16.3	24.5

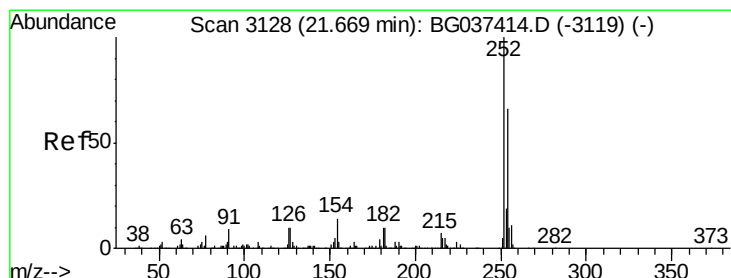
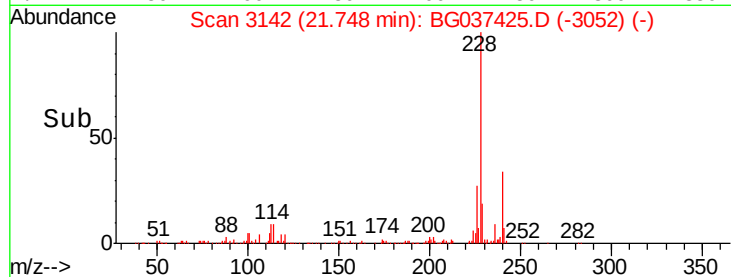
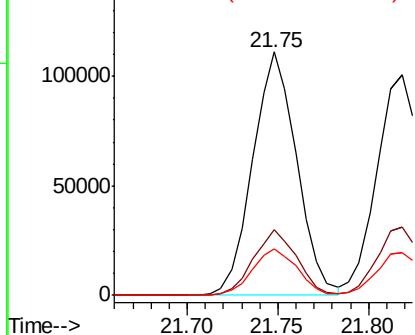


Abundance

Ion 228.00 (227.70 to 228.70): E

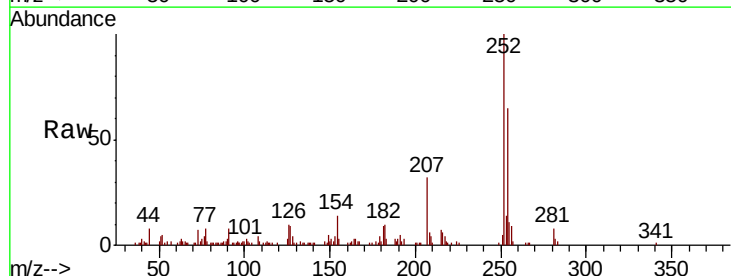
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 5.257 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.0	78.0
126	10.1	8.2	12.4

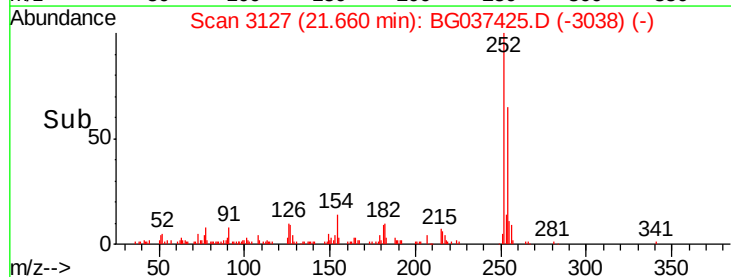
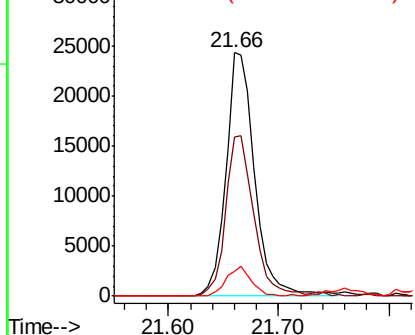


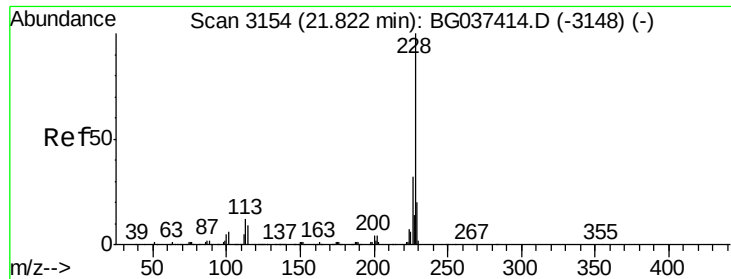
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

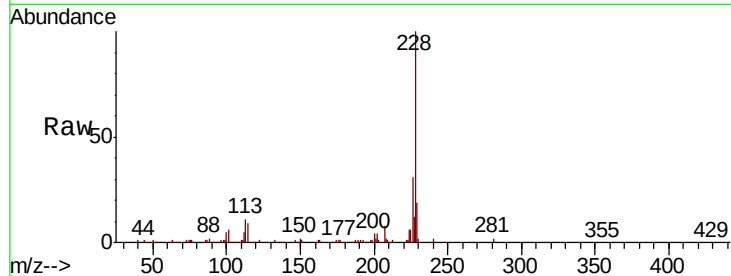




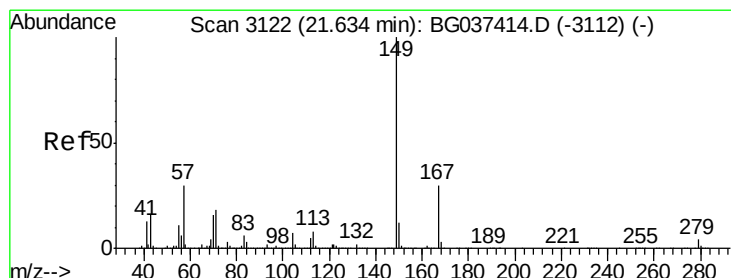
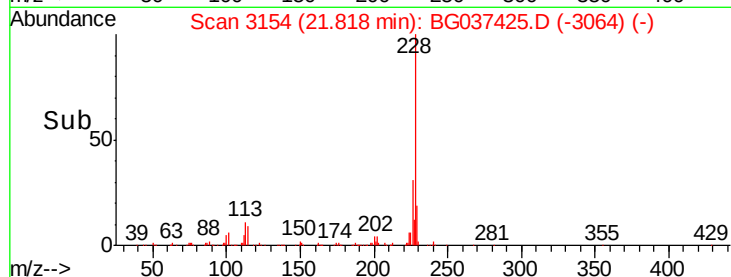
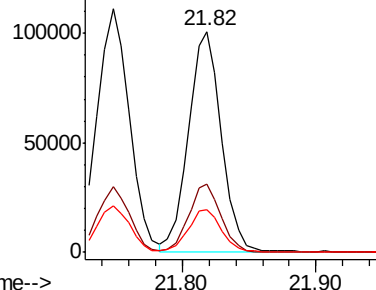
#83
Chrysene
Concen: 8.254 ng
RT: 21.82 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:228 Resp: 172928
Ion Ratio Lower Upper
228 100
226 30.9 25.7 38.5
229 19.5 16.5 24.7

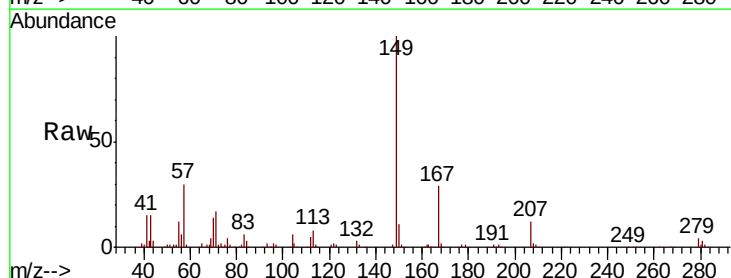


Abundance Ion 228.00 (227.70 to 228.70): E
150000 Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

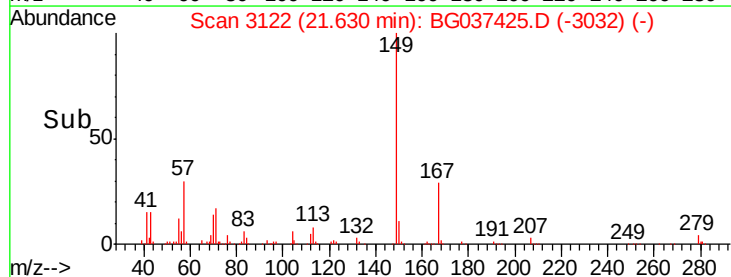
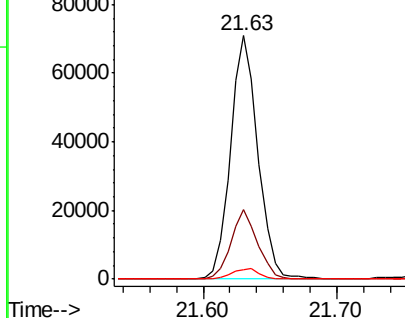


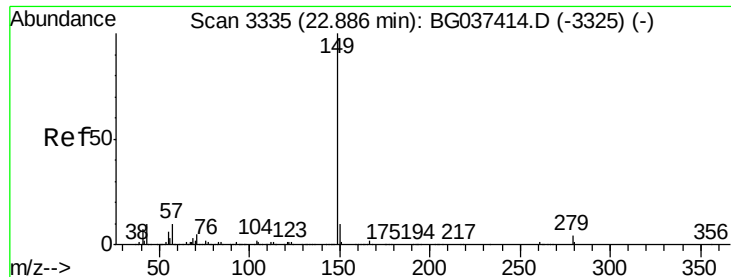
#84
Bis(2-ethylhexyl)phthalate
Concen: 7.324 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:149 Resp: 101174
Ion Ratio Lower Upper
149 100
167 28.8 23.0 34.4
279 3.9 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E
80000 Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

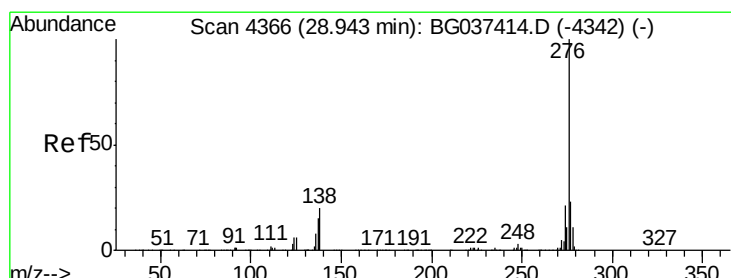
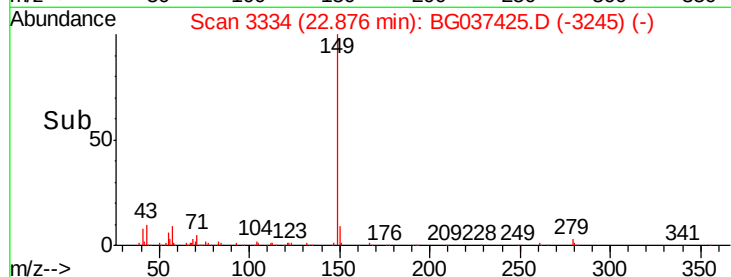
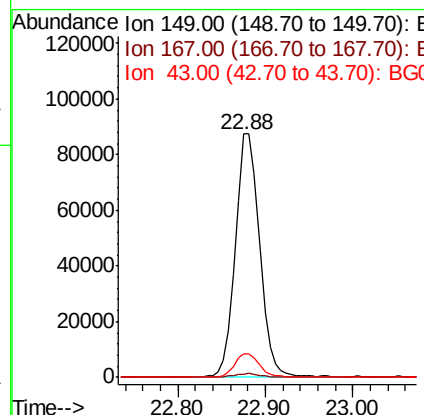
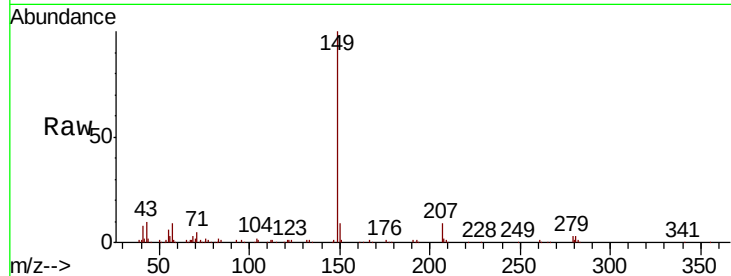




#85
Di-n-octyl phthalate
Concen: 7.331 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

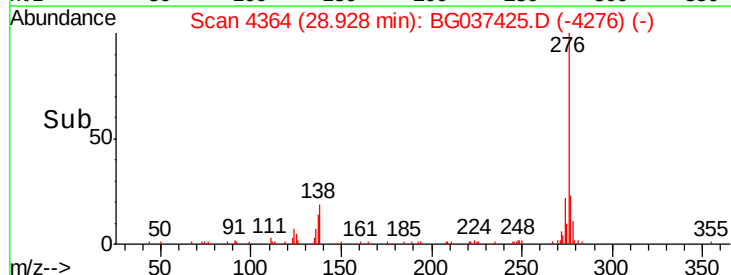
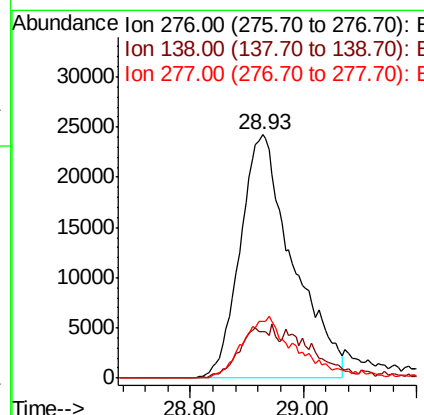
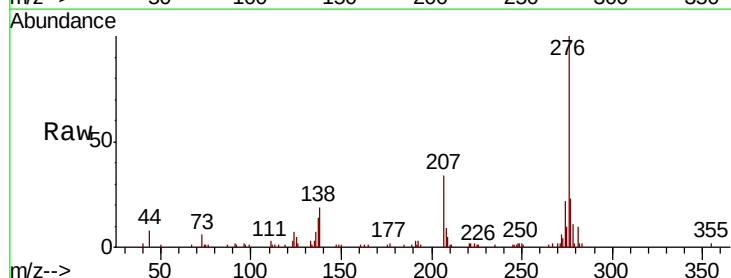
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

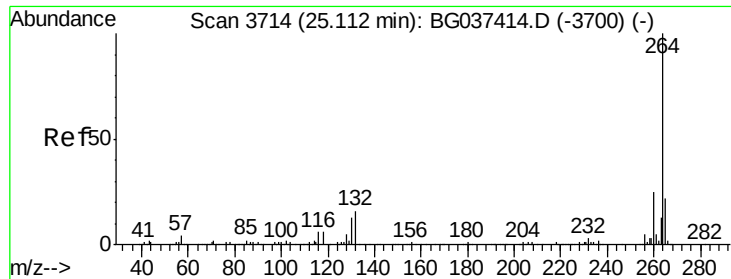
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.2	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.983 ng
RT: 28.93 min Scan# 4364
Delta R.T. -0.02 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.0	18.0#
277	18.4	20.6	30.8#



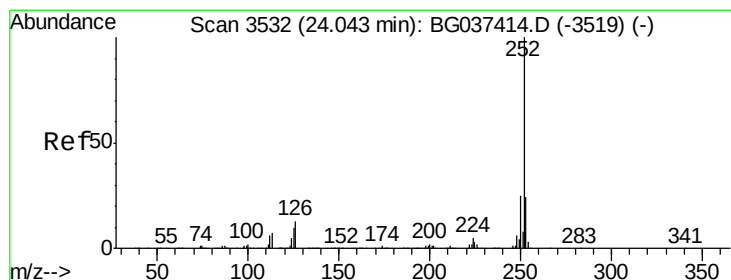
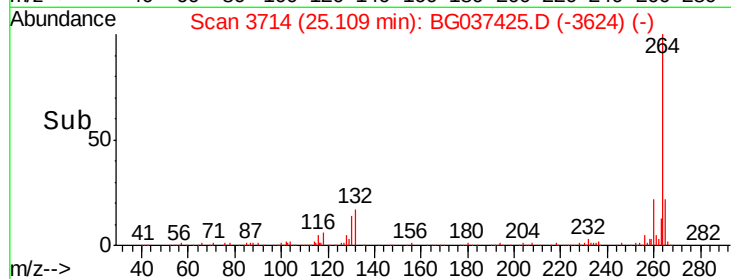
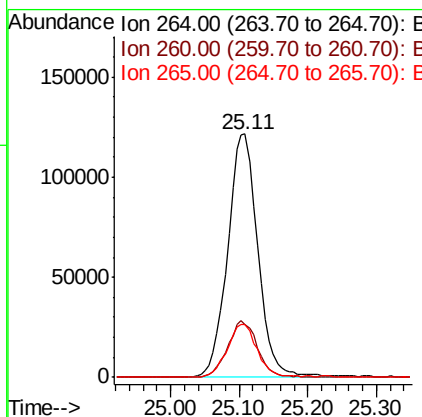
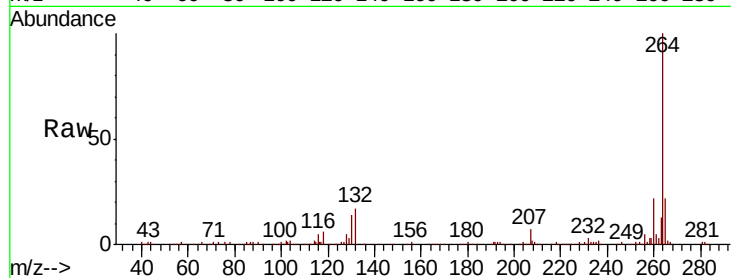


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion:264 Resp: 370525

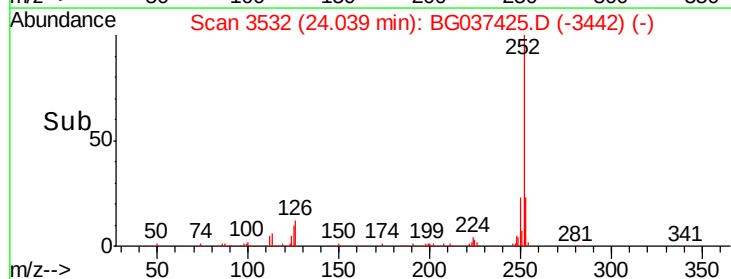
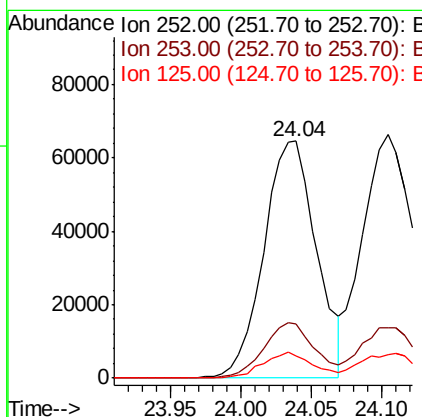
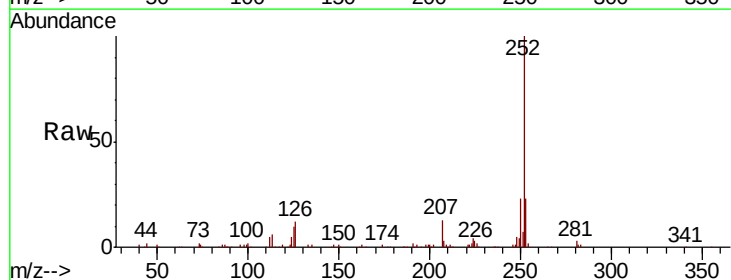
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	21.8	17.9	26.9

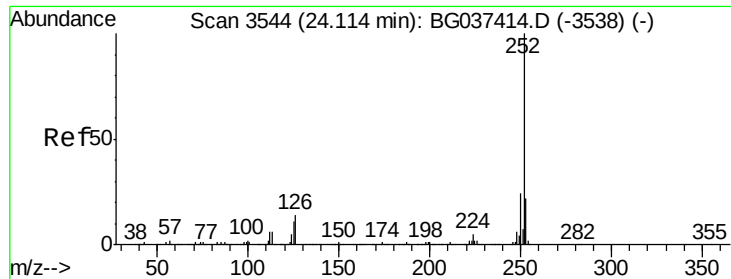


#88
Benzo(b)fluoranthene
Concen: 8.262 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion:252 Resp: 167821

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	9.5	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 8.632 ng

RT: 24.10 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2018

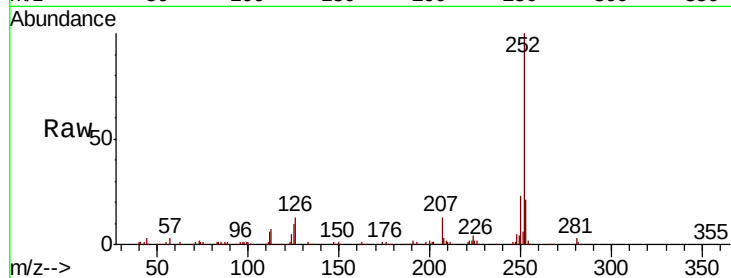
Tot Ion:252 Resp: 171794

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.2

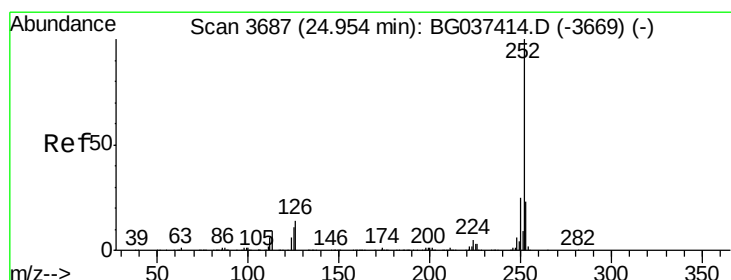
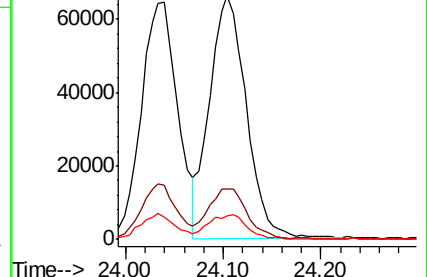
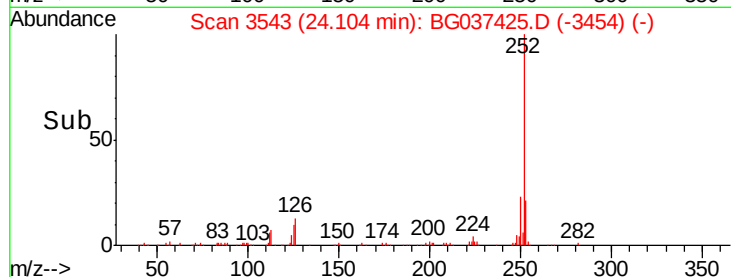
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 8.324 ng

RT: 24.94 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037425.D

Acq: 18 Oct 2018 18:37

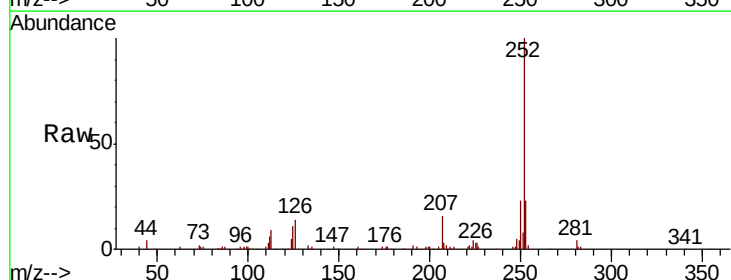
Tgt Ion:252 Resp: 160675

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

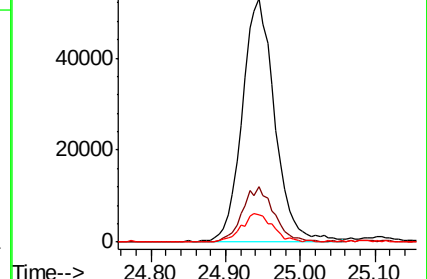
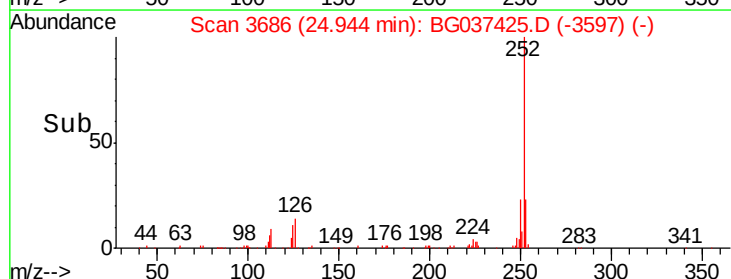
125 11.2 9.0 13.6

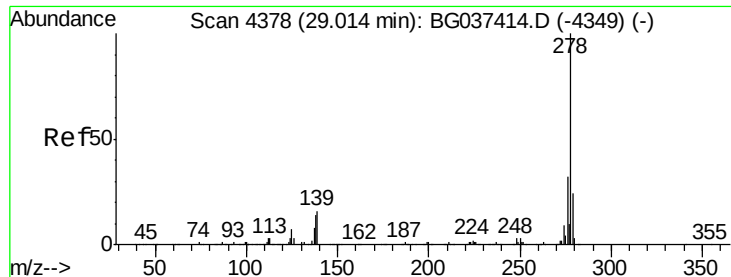


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

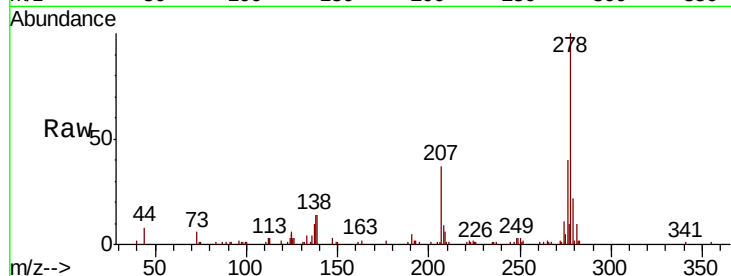




#91
Dibenzo(a,h)anthracene
Concen: 7.255 ng
RT: 29.00 min Scan# 4377
Delta R.T. -0.01 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	11.5	17.3
279	22.1	18.6	27.8

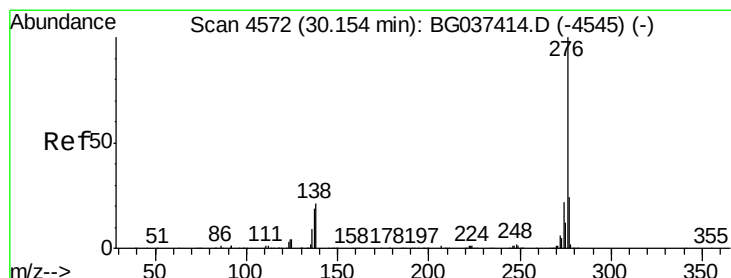
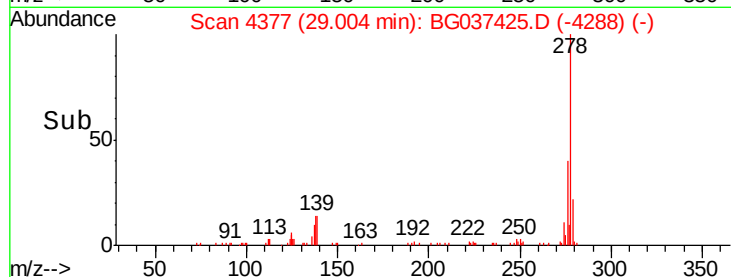
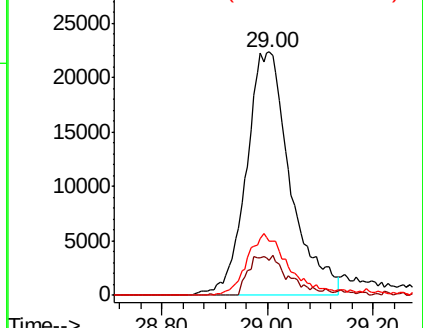


Abundance

Ion 278.00 (277.70 to 278.70): E

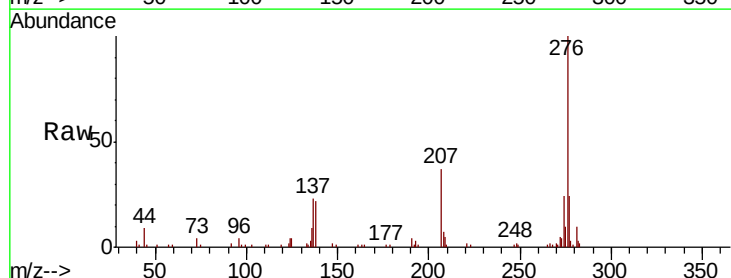
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 7.639 ng
RT: 30.13 min Scan# 4568
Delta R.T. -0.03 min
Lab File: BG037425.D
Acq: 18 Oct 2018 18:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.1	17.2	25.8



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

