Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053119\
Data File : BG040976.D
Acq On : 31 May 2019 13:25
Operator : HP/JU
Sample : K2241-01
Misc : LOD-S-5PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 01 05:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	50361	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	201078	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	149157	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	387957	20.00	ng		0.00
76) Chrysene-d12	21.77	240	404200	20.00	ng		-0.01
87) Perylene-d12	25.11	264	423643	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	385594	138.06	ng		0.00
7) Phenol-d6	7.26	99	556373	128.99	ng		0.00
23) Nitrobenzene-d5	9.30	82	399934	88.30	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	341349	154.15	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	949239	91.65	ng		-0.01
79) Terphenyl-d14	20.09	244	1730321	90.85	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	6747	5.324	ng		95
3) Pyridine	3.94	79	15876	4.234	ng	#	93
4) n-Nitrosodimethylamine	3.86	42	7466	4.290	ng	#	69
6) Aniline	7.44	93	25563	4.440	ng		95
8) 2-Chlorophenol	7.68	128	14701	4.415	ng		95
9) Benzaldehyde	7.26	77	18263	7.098	ng		91
10) Phenol	7.29	94	19730	4.266	ng		95
11) bis(2-Chloroethyl)ether	7.53	93	15616	4.655	ng		88
12) 1,3-Dichlorobenzene	8.00	146	18946	4.764	ng		90
13) 1,4-Dichlorobenzene	8.16	146	17506	4.349	ng		96
14) 1,2-Dichlorobenzene	8.48	146	17291	4.424	ng		99
15) Benzyl Alcohol	8.36	79	15608	3.912	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.64	45	24092	4.395	ng		97
17) 2-Methylphenol	8.55	107	13691	4.089	ng		96
18) Hexachloroethane	9.21	117	7862	5.068	ng	#	84
19) n-Nitroso-di-n-propylamine	8.92	70	15114	4.553	ng	#	96
20) 3+4-Methylphenols	8.88	107	19035	4.104	ng		95
22) Acetophenone	8.95	105	28392	5.034	ng	#	97
24) Nitrobenzene	9.34	77	23853	5.168	ng		97
25) Isophorone	9.85	82	40310	4.676	ng		96
26) 2-Nitrophenol	10.05	139	8447	4.439	ng	#	90
27) 2,4-Dimethylphenol	10.09	122	14919	4.747	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	21586	4.640	ng		92
29) 2,4-Dichlorophenol	10.58	162	18362	4.601	ng		94
30) 1,2,4-Trichlorobenzene	10.80	180	21187	4.667	ng		97
31) Naphthalene	10.99	128	53265	4.934	ng		99
32) Benzoic acid	10.19	122	1202	8.539	ng	#	61
33) 4-Chloroaniline	11.10	127	22497	4.491	ng		94
34) Hexachlorobutadiene	11.26	225	16421	4.727	ng		100
35) Caprolactam	11.86	113	5765	4.374	ng		91
36) 4-Chloro-3-methylphenol	12.20	107	19870	4.359	ng		96
37) 2-Methylnaphthalene	12.59	142	41300	4.967	ng		96
38) 1-Methylnaphthalene	12.81	142	38729	4.943	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	29977	4.986	ng	#	98

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053119\
Data File : BG040976.D
Acq On : 31 May 2019 13:25
Operator : HP/JU
Sample : K2241-01
Misc : LOD-S-5PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 01 05:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	11085	11.312	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	17069	4.389	ng		94
44) 2,4,5-Trichlorophenol	13.26	196	20315	4.953	ng		94
46) 1,1'-Biphenyl	13.59	154	56458	5.114	ng		91
47) 2-Chloronaphthalene	13.64	162	46144	4.868	ng		97
48) 2-Nitroaniline	13.84	65	14756	4.340	ng	#	85
49) Acenaphthylene	14.48	152	73742	5.169	ng		97
50) Dimethylphthalate	14.20	163	62692	4.965	ng	#	95
51) 2,6-Dinitrotoluene	14.32	165	12584	4.623	ng	#	83
52) Acenaphthene	14.81	154	42468	4.914	ng		97
53) 3-Nitroaniline	14.66	138	11683	4.292	ng	#	88
54) 2,4-Dinitrophenol	14.62	184	67	8.310	ng	#	18
55) Dibenzofuran	15.15	168	76672	5.273	ng		99
56) 4-Nitrophenol	14.96	139	5576	2.986	ng		87
57) 2,4-Dinitrotoluene	15.11	165	17494	4.549	ng	#	88
58) Fluorene	15.79	166	59335	5.124	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	19464	4.829	ng		97
60) Diethylphthalate	15.55	149	63111	4.898	ng		96
61) 4-Chlorophenyl-phenylether	15.78	204	37304	4.956	ng		98
62) 4-Nitroaniline	15.82	138	13771	4.778	ng		86
63) Azobenzene	16.08	77	58933	5.032	ng		94
65) 4,6-Dinitro-2-methylphenol	15.87	198	2346	9.516	ng		87
66) n-Nitrosodiphenylamine	16.00	169	53453	4.901	ng		93
67) 4-Bromophenyl-phenylether	16.67	248	22950	4.383	ng		96
68) Hexachlorobenzene	16.79	284	24422	4.381	ng		98
69) Atrazine	16.93	200	22662	5.385	ng		94
70) Pentachlorophenol	17.14	266	3938	5.504	ng	#	87
71) Phenanthrene	17.54	178	107044	5.297	ng		97
72) Anthracene	17.63	178	104978	5.267	ng		98
73) Carbazole	17.90	167	89429	5.229	ng		98
74) Di-n-butylphthalate	18.43	149	102158	4.806	ng		98
75) Fluoranthene	19.54	202	135109	5.413	ng		98
77) Benzidine	19.72	184	46336	4.805	ng	#	96
78) Pyrene	19.90	202	143635	5.466	ng		95
80) Butylbenzylphthalate	20.77	149	45842	4.483	ng		96
81) Benzo(a)anthracene	21.75	228	142070	5.280	ng		96
82) 3,3'-Dichlorobenzidine	21.67	252	45027	4.758	ng		93
83) Chrysene	21.82	228	133080	5.169	ng		99
84) Bis(2-ethylhexyl)phthalate	21.63	149	64874	4.507	ng		98
85) Di-n-octyl phthalate	22.87	149	109941	4.586	ng		98
86) Indeno(1,2,3-cd)pyrene	28.94	276	138850	4.402	ng		93
88) Benzo(b)fluoranthene	24.04	252	125153	4.871	ng		99
89) Benzo(k)fluoranthene	24.11	252	131167	5.159	ng		97
90) Benzo(a)pyrene	24.95	252	122540	4.999	ng		96
91) Dibenzo(a,h)anthracene	29.01	278	115947	4.733	ng		97
92) Benzo(g,h,i)perylene	30.15	276	117450	4.935	ng		94

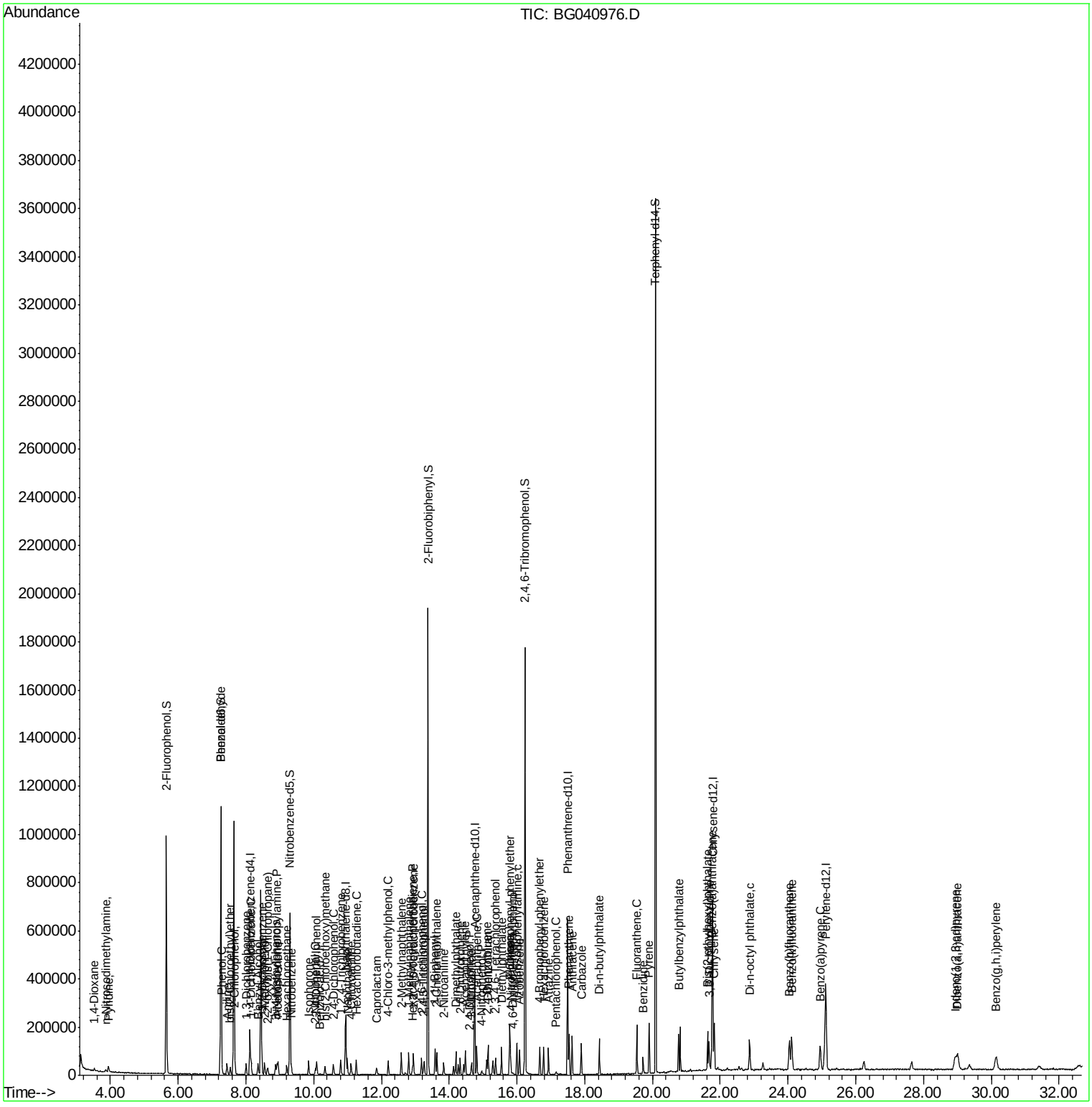
(#) = qualifier out of range (m) = manual integration (+) = signals summed

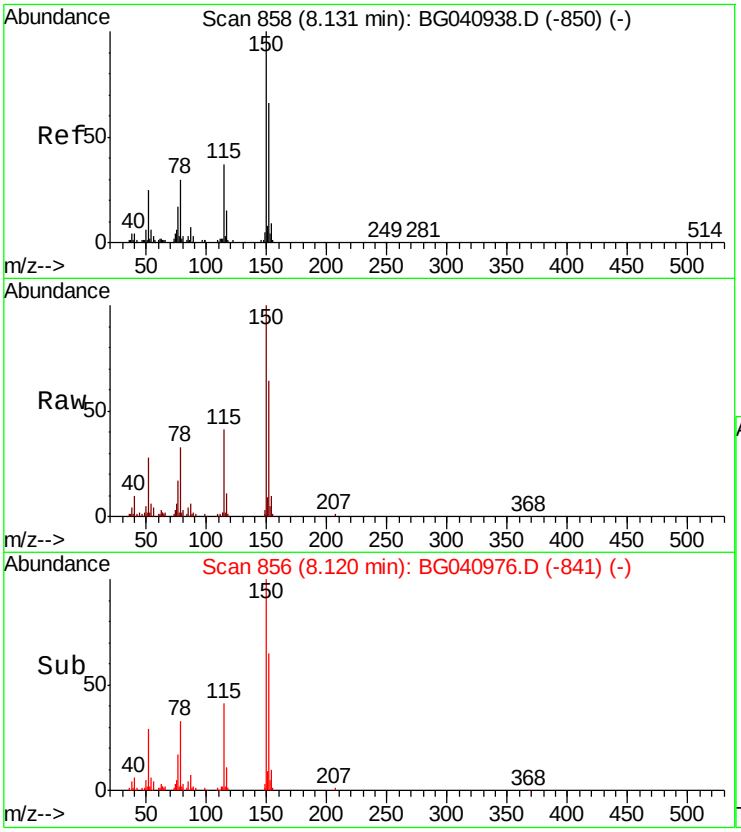
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG053119\
Data File : BG040976.D
Acq On : 31 May 2019 13:25
Operator : HP/JU
Sample : K2241-01
Misc : LOD-S-5PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Quant Time: Jun 01 05:11:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration



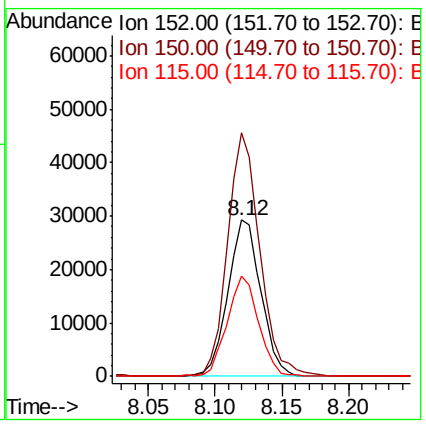


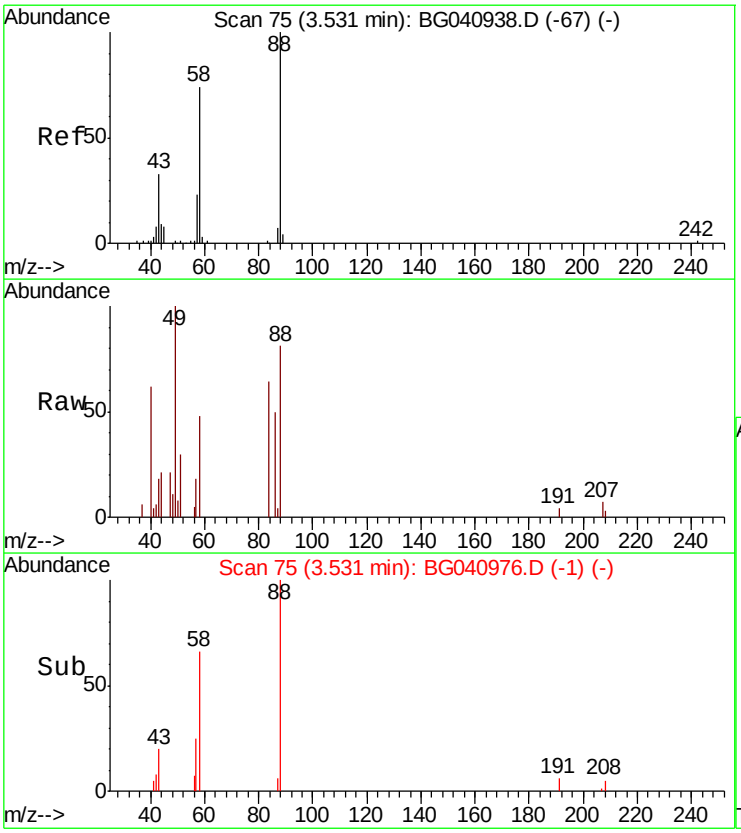
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:152 Resp: 50361

Ion	Ratio	Lower	Upper
152	100		
150	155.9	120.6	180.8
115	64.3	45.1	67.7

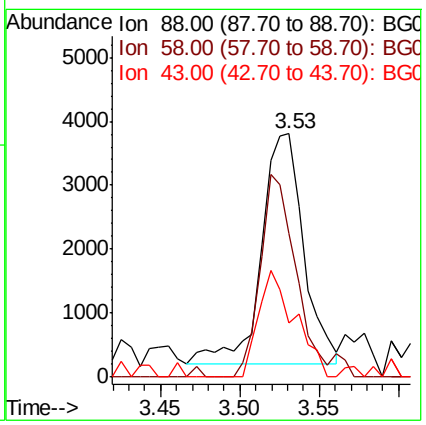


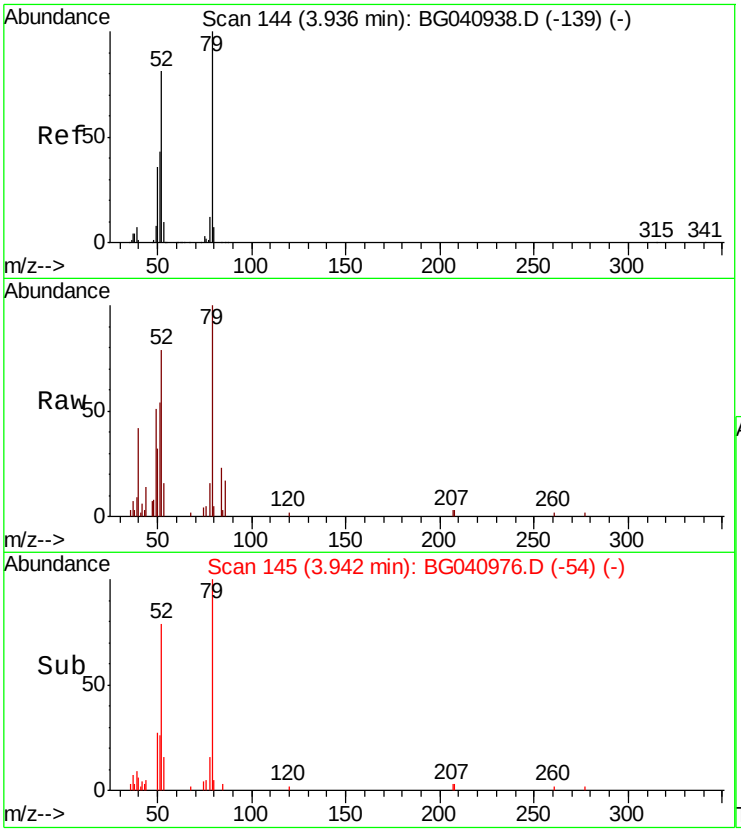


#2
1,4-Dioxane
Concen: 5.324 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 88 Resp: 6747

Ion	Ratio	Lower	Upper
88	100		
58	76.1	59.0	88.6
43	39.5	27.2	40.8



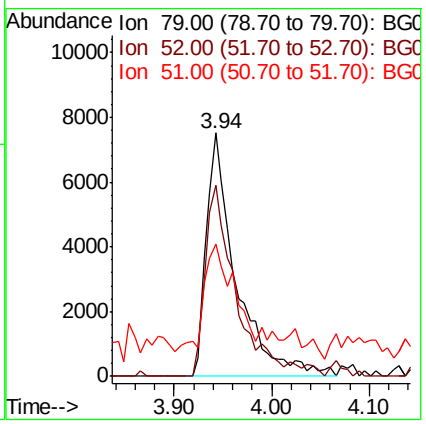


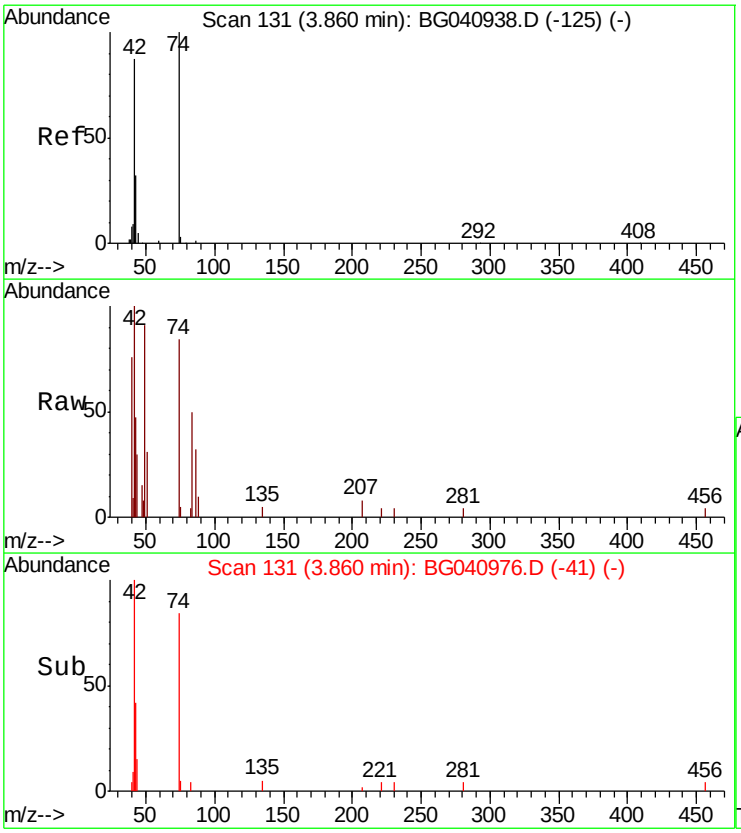
#3
Pyridine
Concen: 4.234 ng
RT: 3.94 min Scan# 145
Delta R.T. 0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 79 Resp: 15876

Ion	Ratio	Lower	Upper
79	100		
52	78.7	64.8	97.2
51	54.3	35.3	52.9#

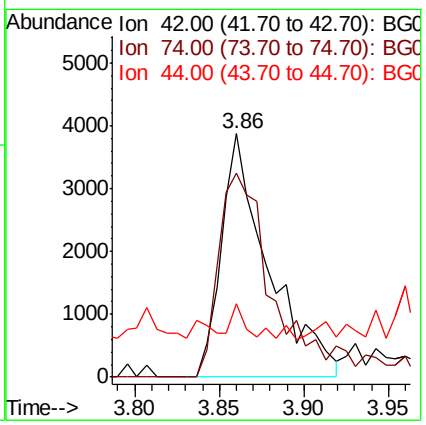


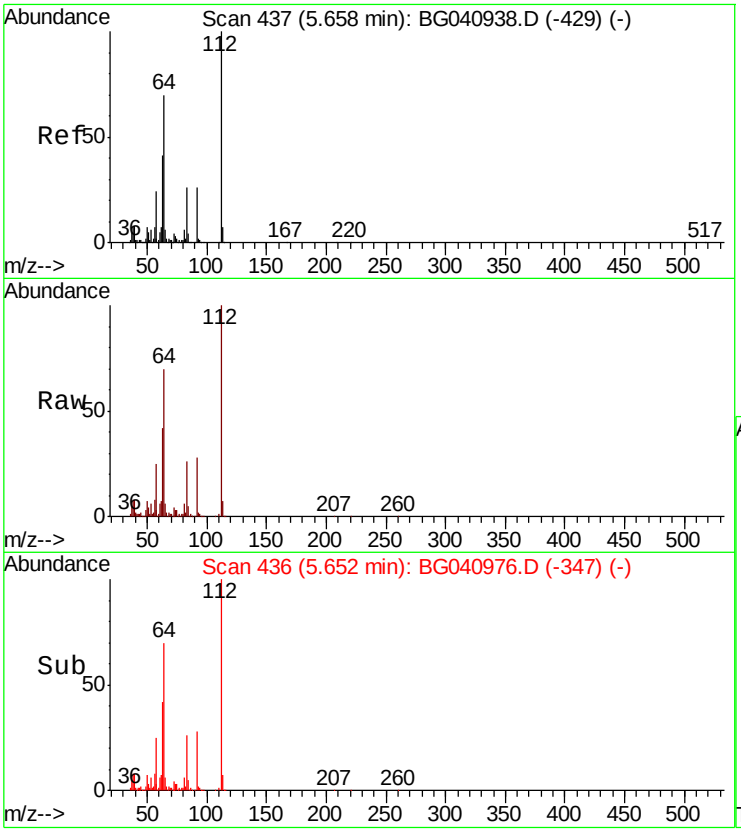


#4
n-Nitrosodimethylamine
Concen: 4.290 ng
RT: 3.86 min Scan# 131
Delta R.T. 0.00 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 42 Resp: 7466

Ion	Ratio	Lower	Upper
42	100		
74	83.8	91.8	137.6#
44	30.2	6.0	9.0#



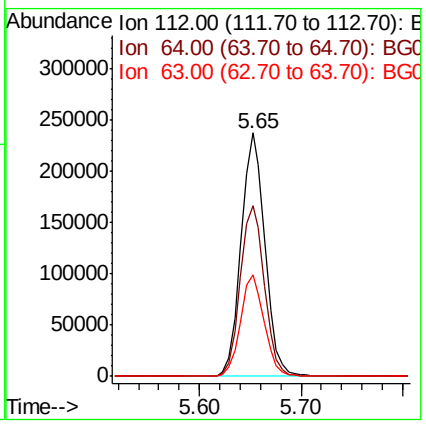


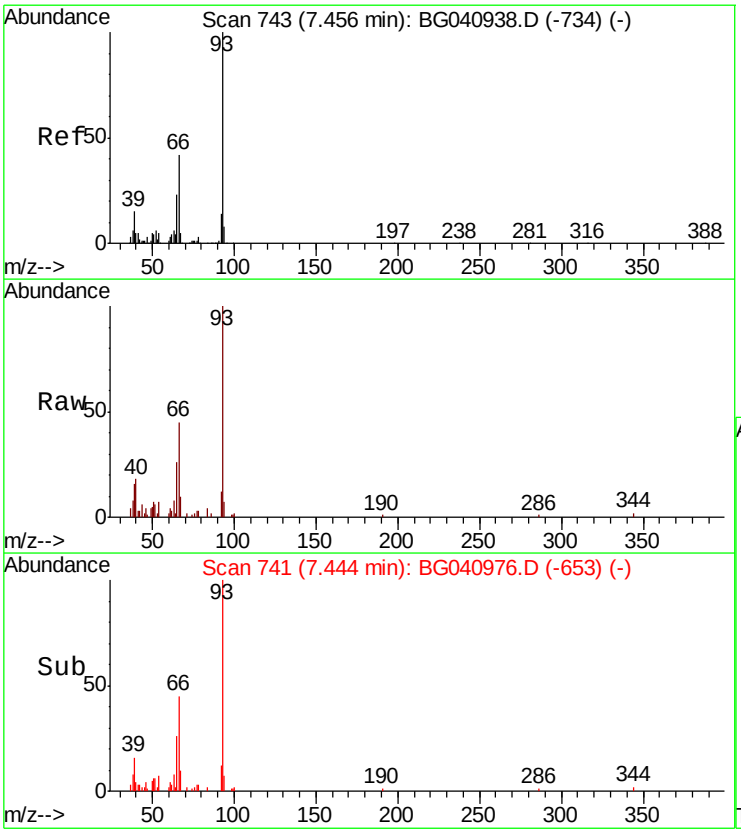
#5
2-Fluorophenol
Concen: 138.065 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:112 Resp: 385594

Ion	Ratio	Lower	Upper
112	100		
64	70.0	56.2	84.2
63	41.9	32.8	49.2

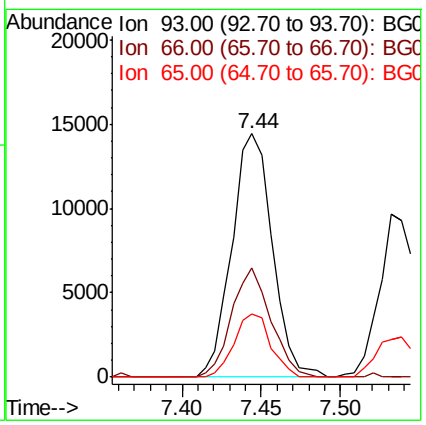


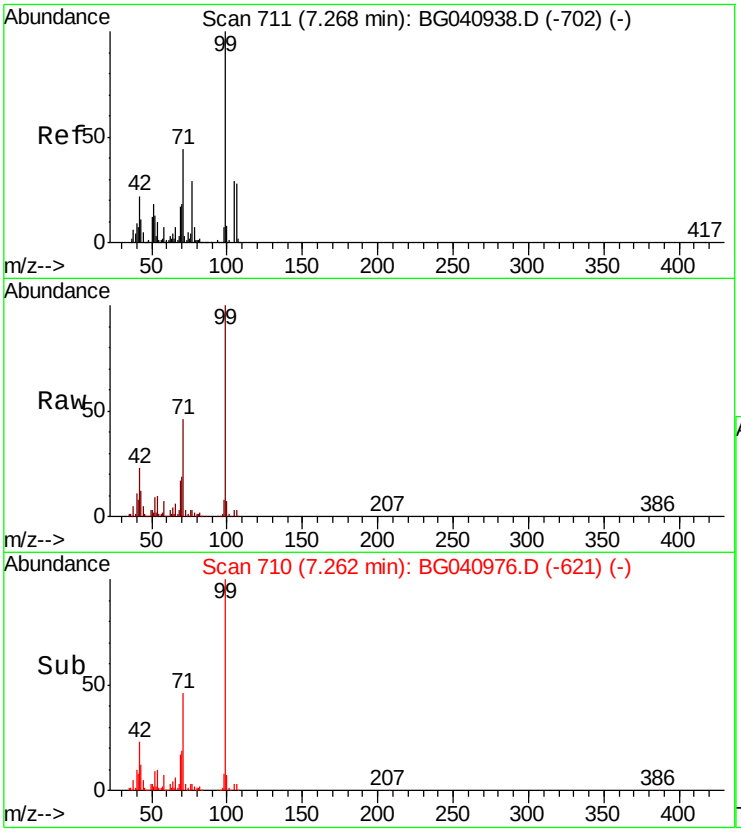


#6
Aniline
Concen: 4.440 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 93 Resp: 25563

Ion	Ratio	Lower	Upper
93	100		
66	44.8	33.8	50.8
65	25.7	18.3	27.5



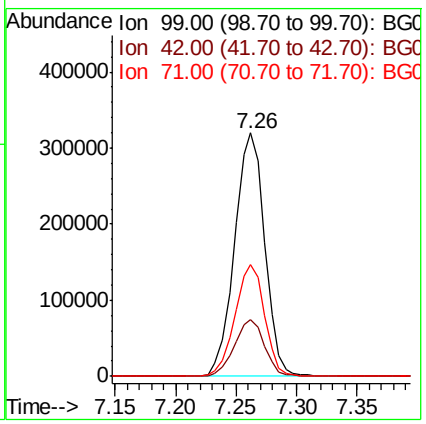


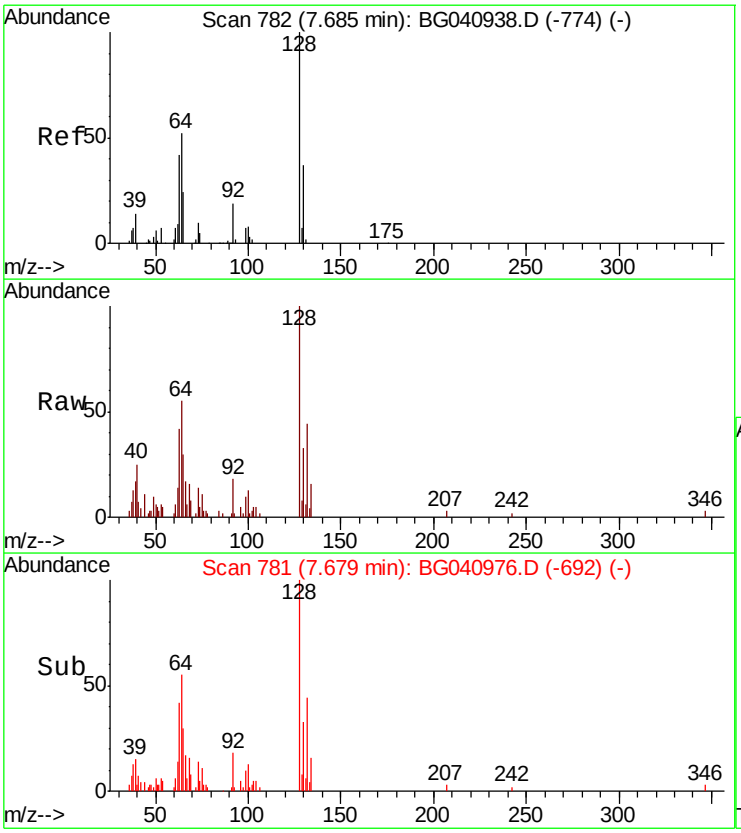
#7
Phenol-d6
Concen: 128.991 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 99 Resp: 556373

Ion	Ratio	Lower	Upper
99	100		
42	23.3	17.9	26.9
71	45.9	35.4	53.0

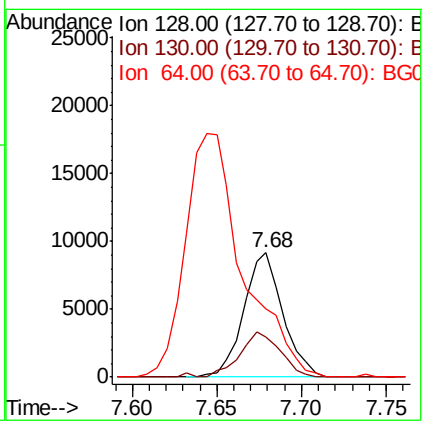


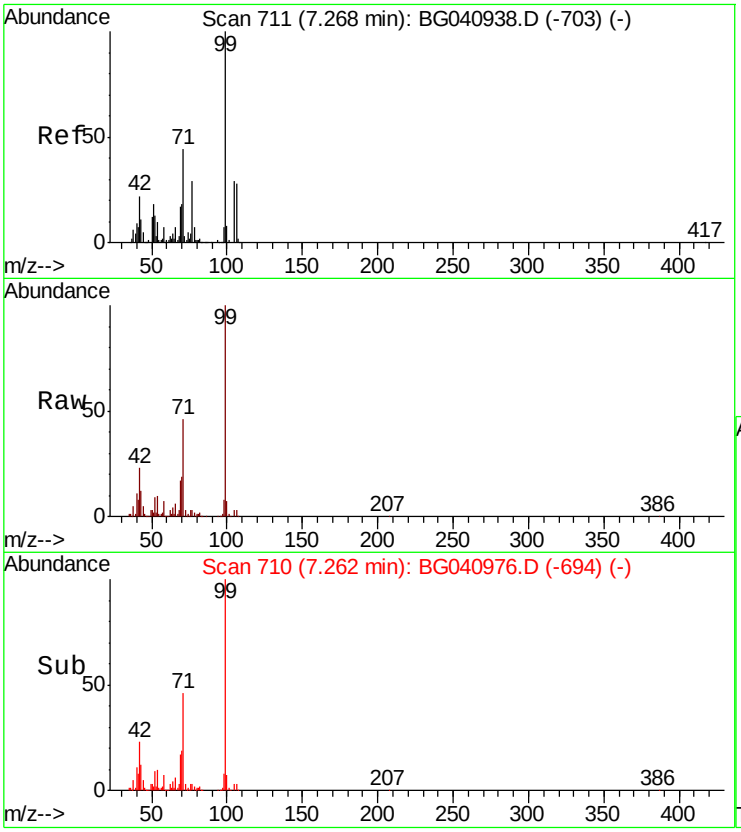


#8
2-Chlorophenol
Concen: 4.415 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:128 Resp: 14701

Ion	Ratio	Lower	Upper
128	100		
130	32.7	16.6	56.6
64	55.0	37.8	77.8



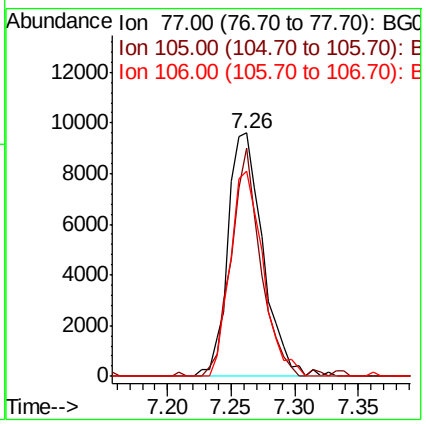


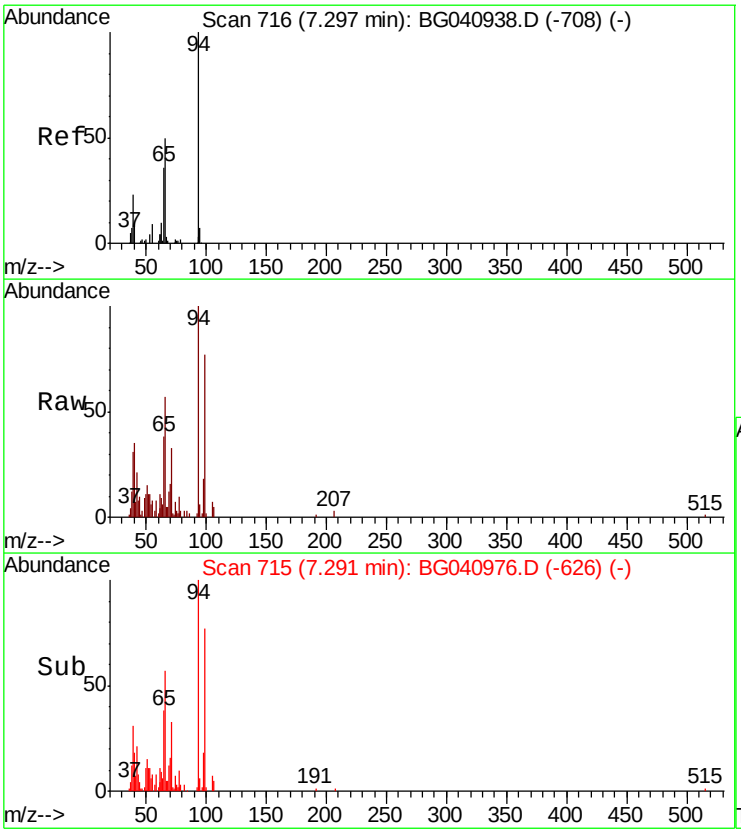
#9
Benzaldehyde
Concen: 7.098 ng
RT: 7.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 77 Resp: 18263

Ion	Ratio	Lower	Upper
77	100		
105	93.8	78.9	118.9
106	84.2	76.7	116.7

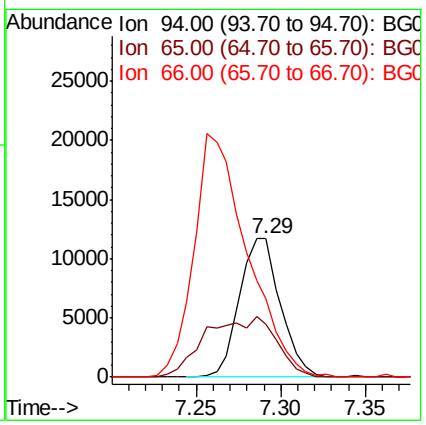


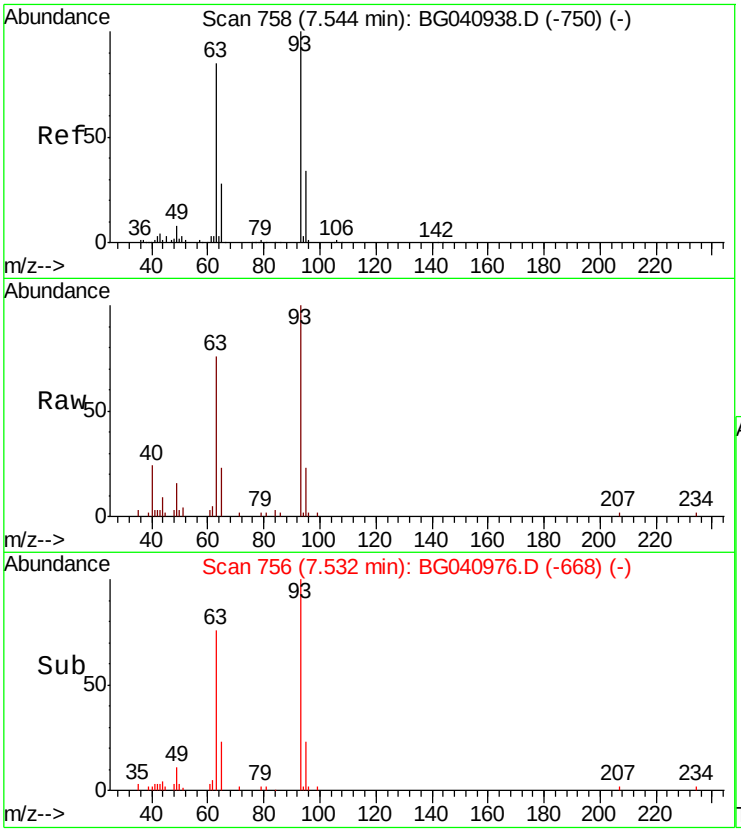


#10
Phenol
Concen: 4.266 ng
RT: 7.29 min Scan# 715
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 94 Resp: 19730

Ion	Ratio	Lower	Upper
94	100		
65	37.8	17.0	57.0
66	57.2	32.4	72.4



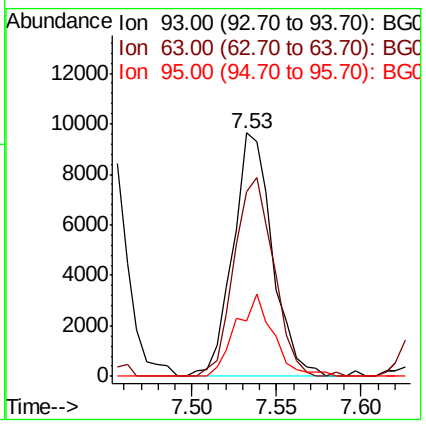


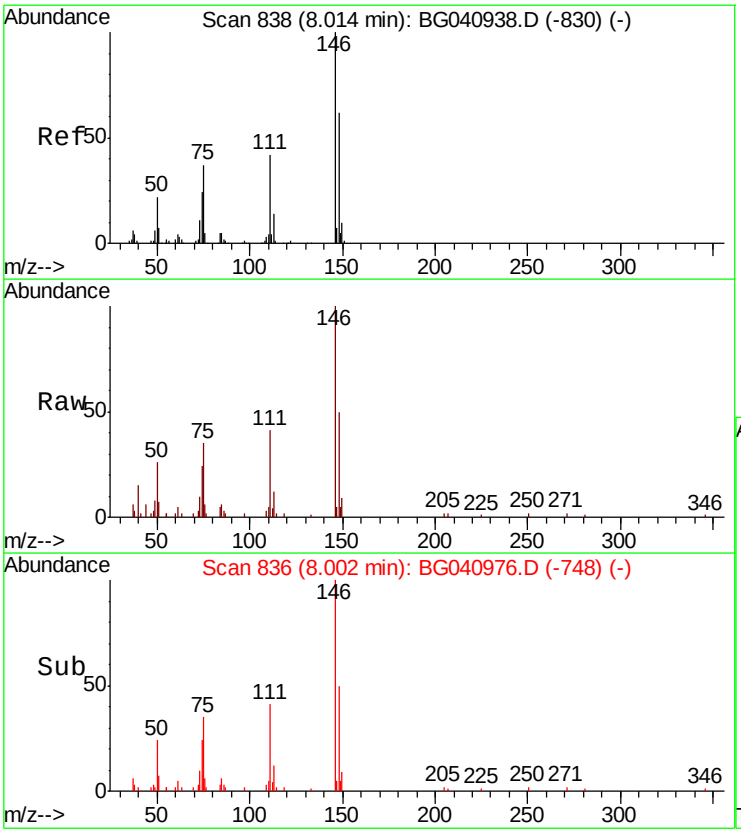
#11
bis(2-Chloroethyl)ether
Concen: 4.655 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 93 Resp: 15616

Ion	Ratio	Lower	Upper
93	100		
63	75.9	64.5	104.5
95	23.0	13.3	53.3

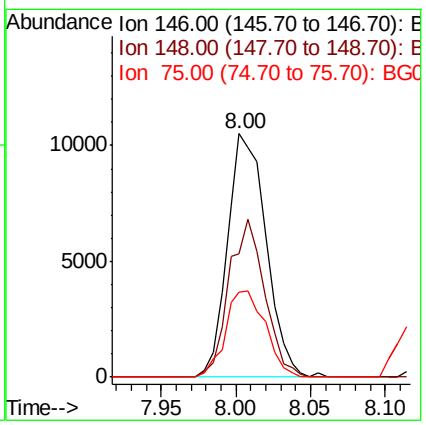


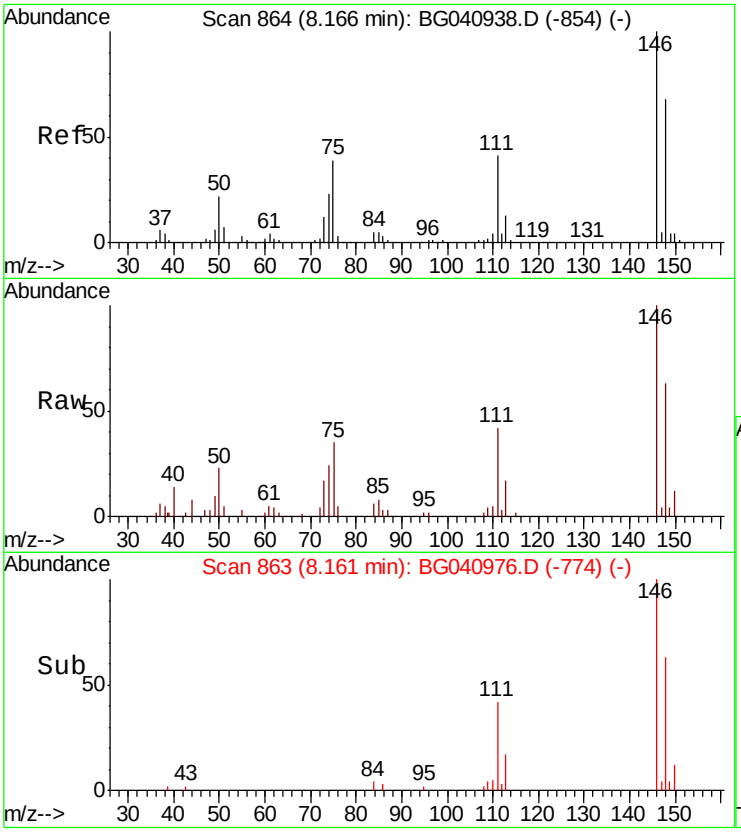


#12
1,3-Dichlorobenzene
Concen: 4.764 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:146 Resp: 18946

Ion	Ratio	Lower	Upper
146	100		
148	50.4	49.2	73.8
75	34.9	29.4	44.0



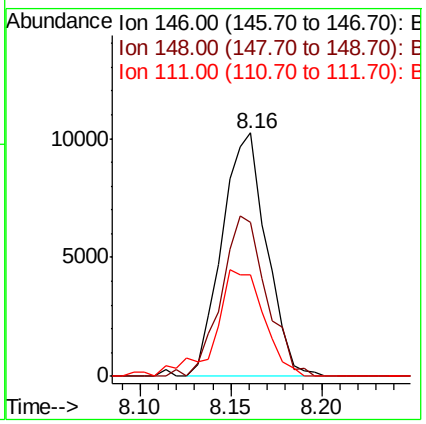


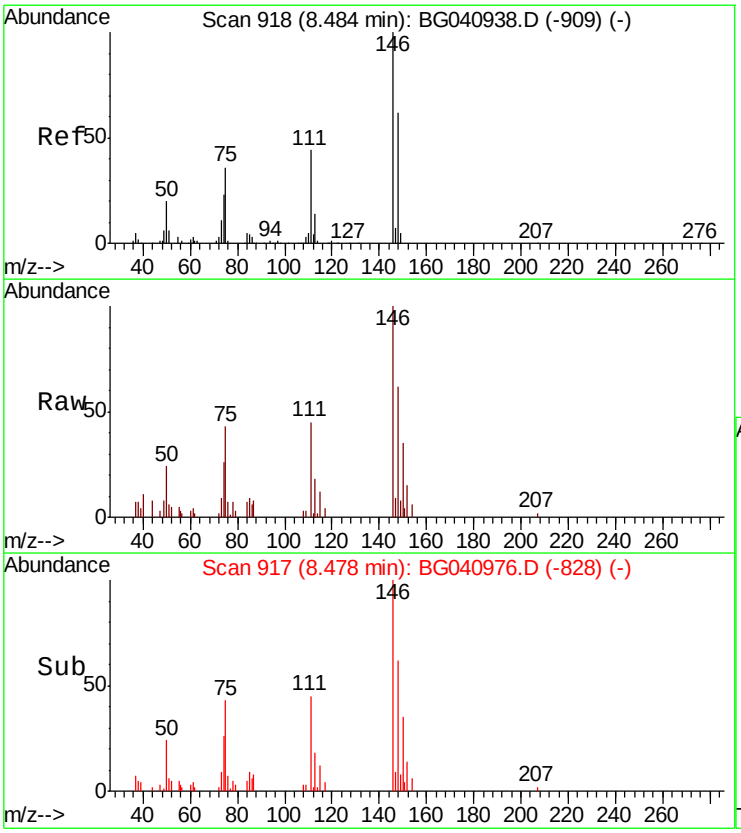
#13
1,4-Dichlorobenzene
Concen: 4.349 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:146 Resp: 17506

Ion	Ratio	Lower	Upper
146	100		
148	63.5	54.2	81.4
111	41.5	32.9	49.3

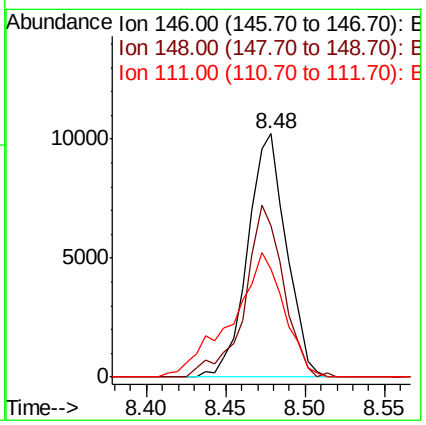


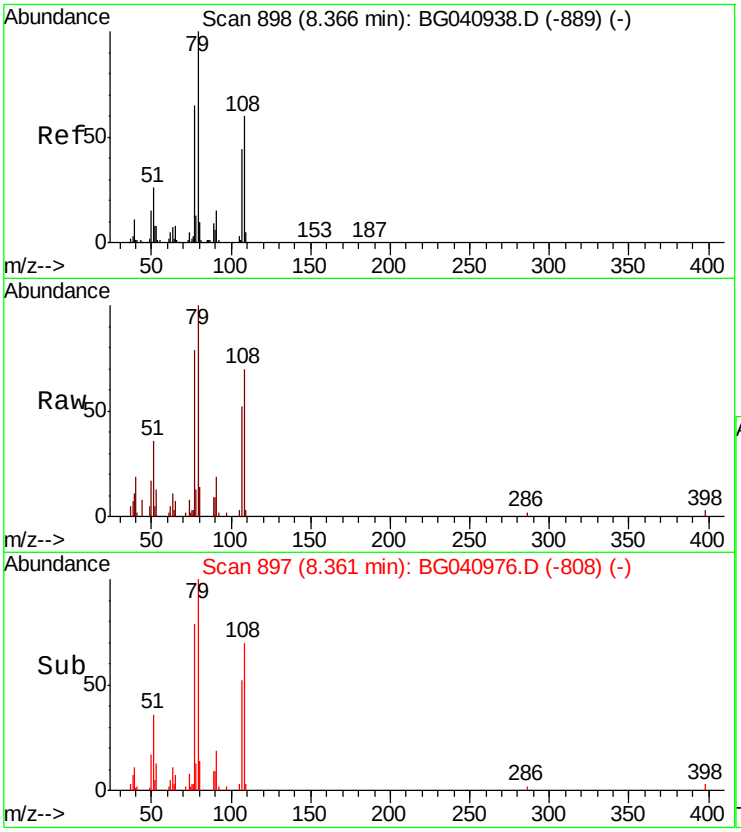


#14
1,2-Dichlorobenzene
Concen: 4.424 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:146 Resp: 17291

Ion	Ratio	Lower	Upper
146	100		
148	62.2	49.8	74.6
111	44.6	35.0	52.4



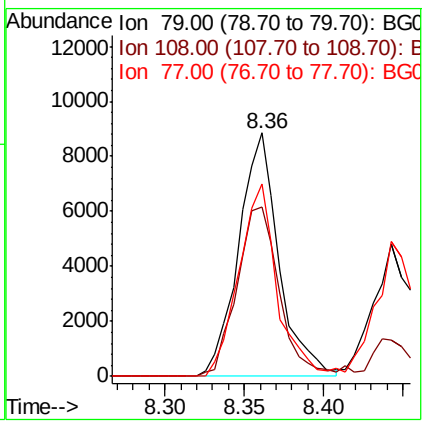


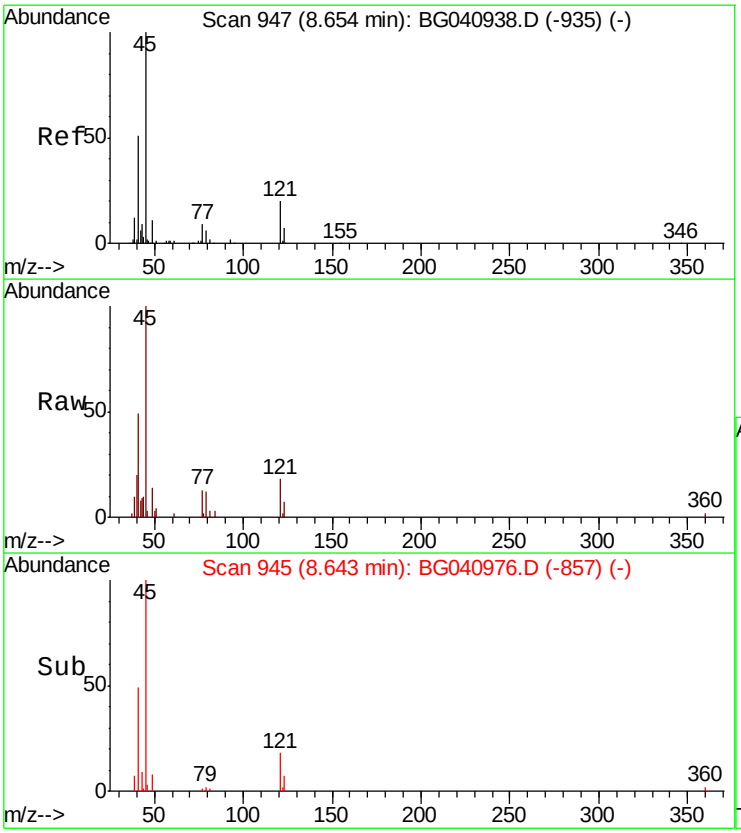
#15
Benzyl Alcohol
Concen: 3.912 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 79 Resp: 15608

Ion	Ratio	Lower	Upper
79	100		
108	69.7	48.3	72.5
77	79.2	52.3	78.5#

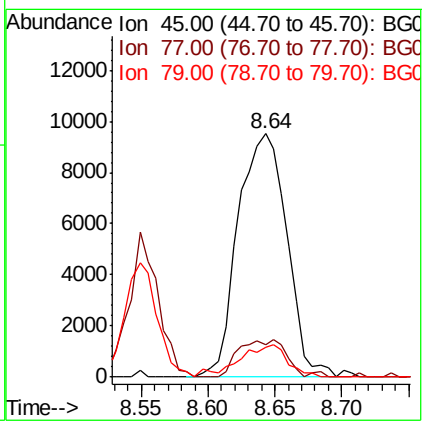


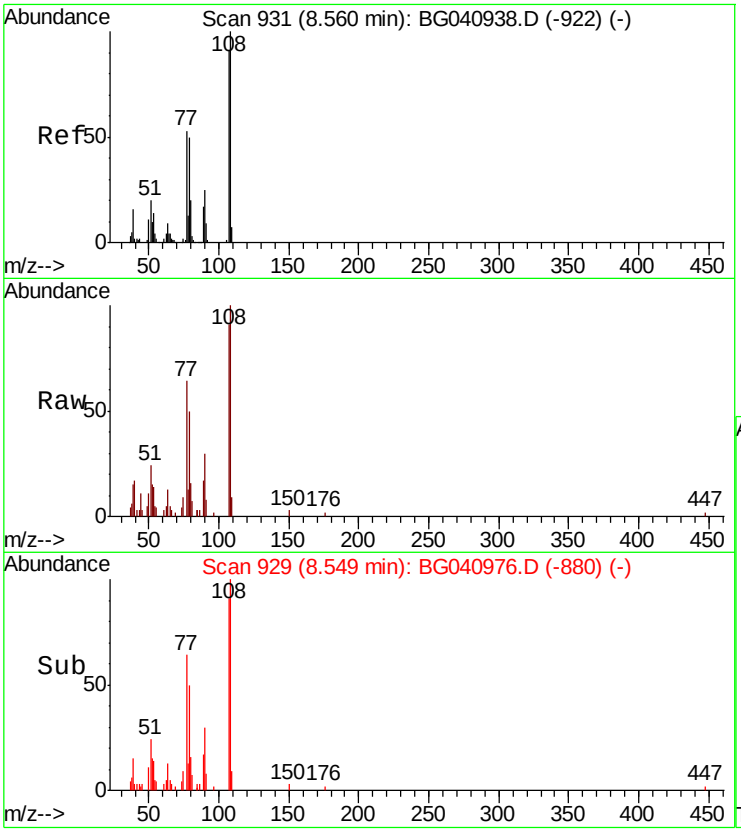


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.395 ng
RT: 8.64 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 45 Resp: 24092

Ion	Ratio	Lower	Upper
45	100		
77	13.2	0.0	33.7
79	12.2	0.0	30.2



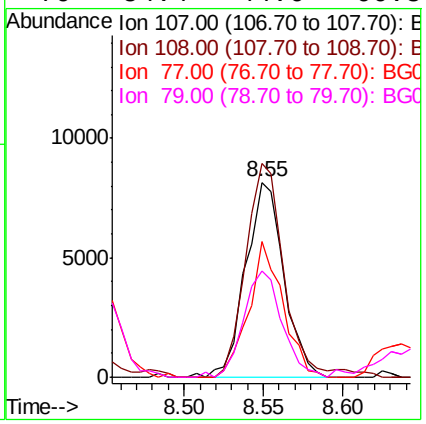


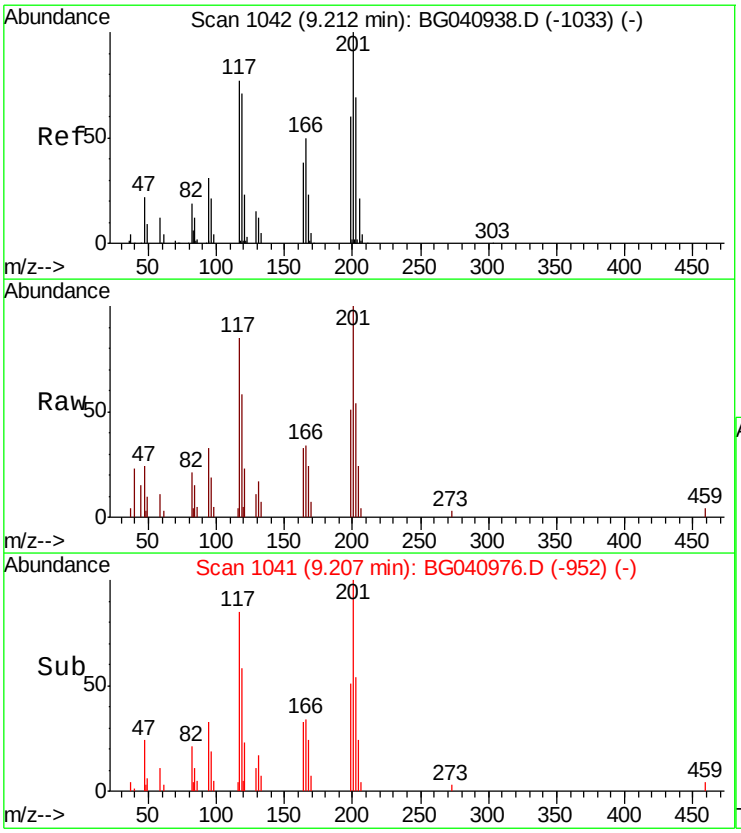
#17
2-Methylphenol
Concen: 4.089 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:107 Resp: 13691

Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.7	131.5
77	69.5	46.6	70.0
79	54.4	44.6	66.8

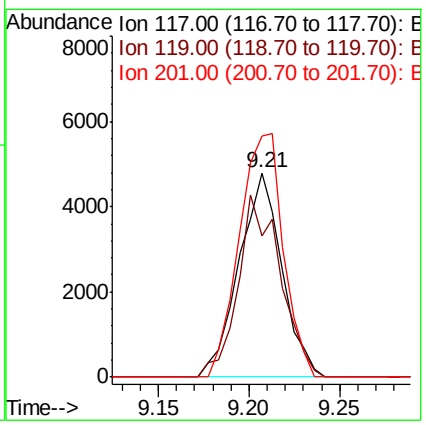


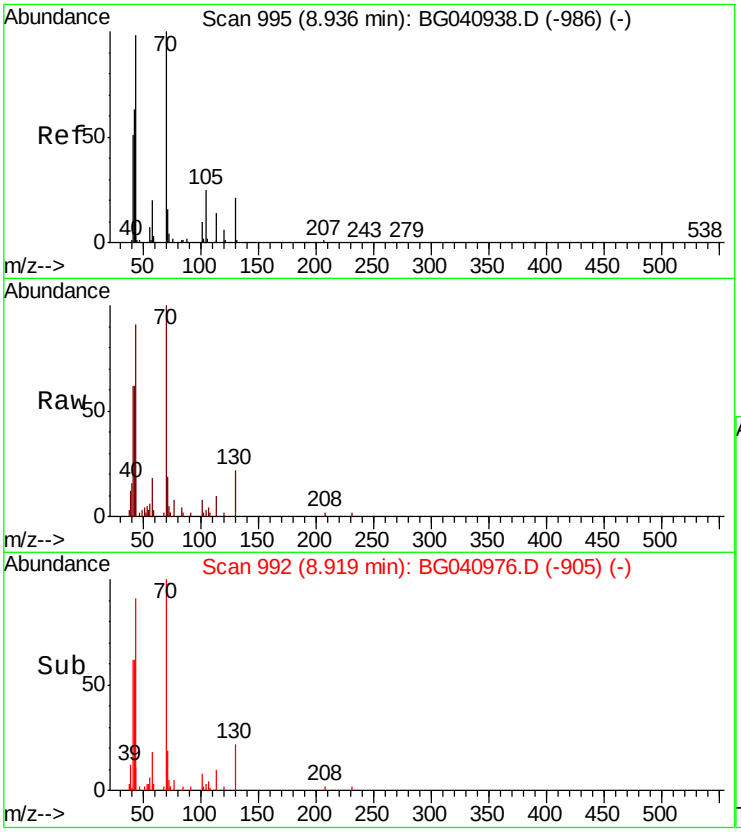


#18
Hexachloroethane
Concen: 5.068 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:117 Resp: 7862

Ion	Ratio	Lower	Upper
117	100		
119	69.0	75.0	112.6#
201	118.1	103.5	155.3



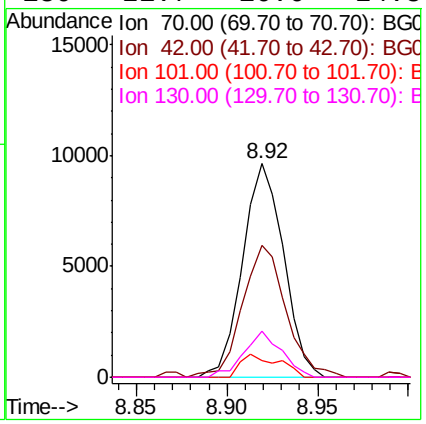


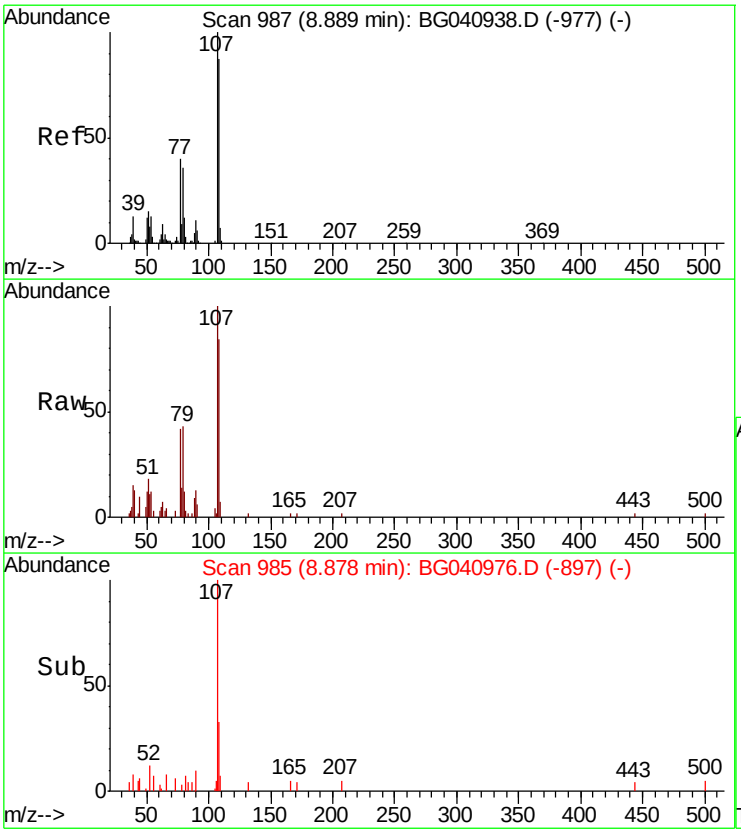
#19
n-Nitroso-di-n-propylamine
Concen: 4.553 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 70 Resp: 15114

Ion	Ratio	Lower	Upper
70	100		
42	61.6	51.5	77.3
101	7.6	8.1	12.1#
130	21.7	16.6	24.8

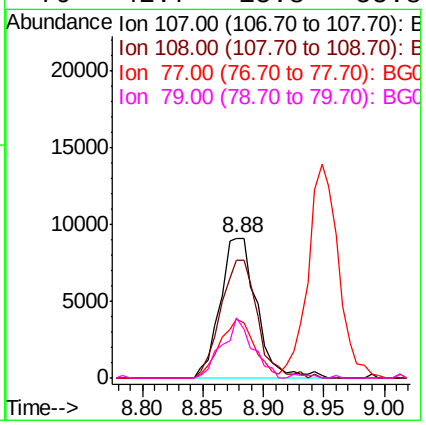


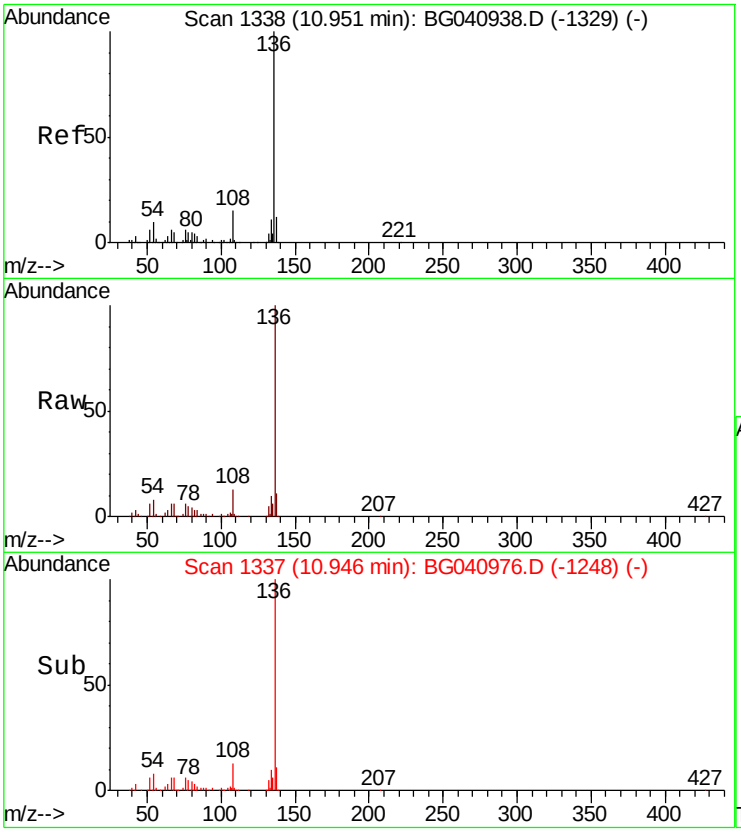


#20
3+4-Methylphenols
Concen: 4.104 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:107 Resp: 19035

Ion	Ratio	Lower	Upper
107	100		
108	84.0	66.8	106.8
77	42.2	20.5	60.5
79	42.7	15.8	55.8



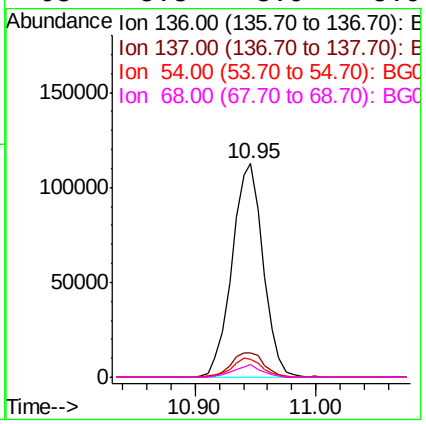


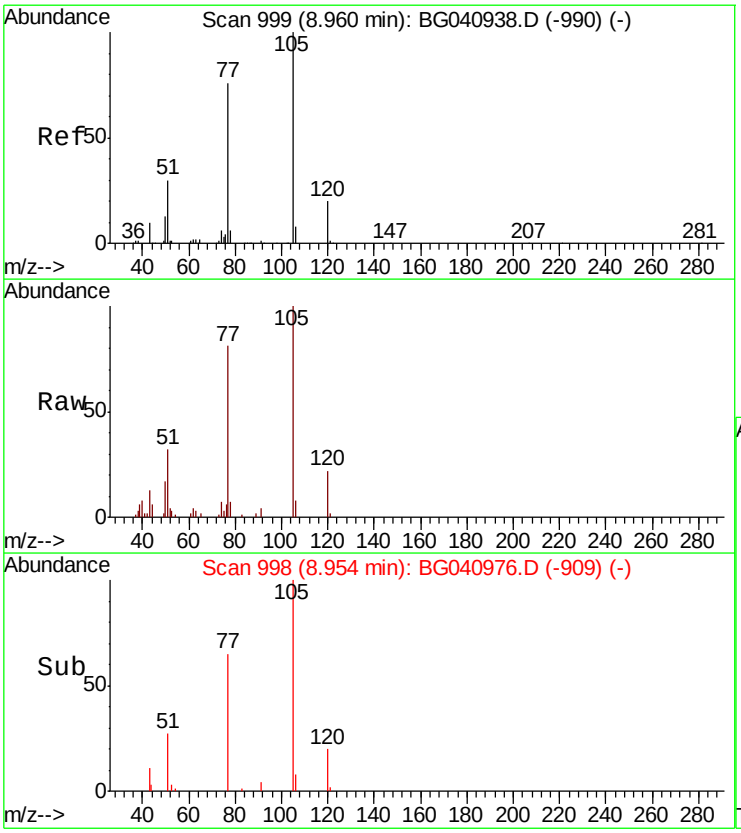
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:136 Resp: 201078

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.5	14.3
54	8.2	7.6	11.4
68	5.8	3.9	5.9

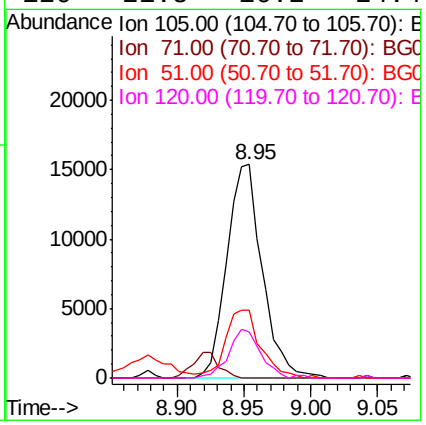


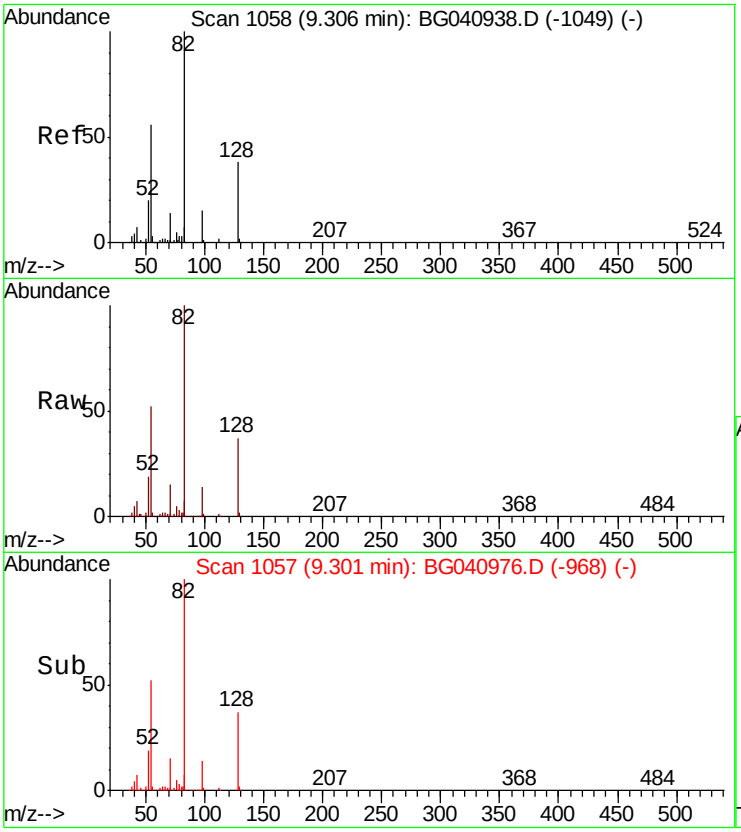


#22
Acetophenone
Concen: 5.034 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:105 Resp: 28392

Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.4	0.6#
51	31.9	27.0	40.6
120	21.5	16.2	24.4



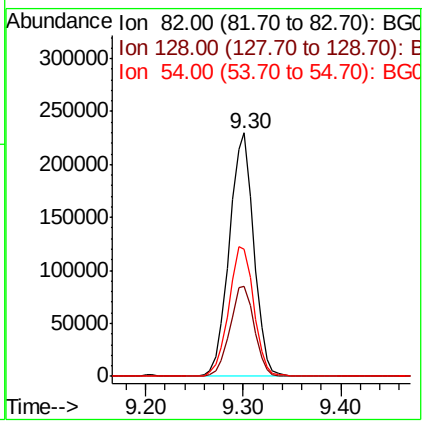


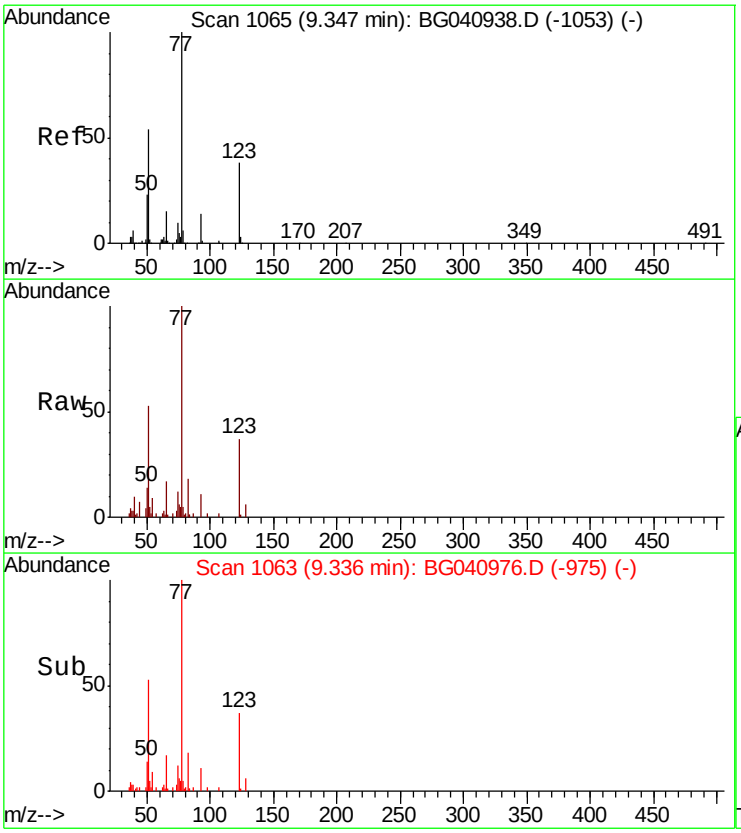
#23
Nitrobenzene-d5
Concen: 88.297 ng
RT: 9.30 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 82 Resp: 399934

Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.5	45.7
54	52.1	44.6	66.8

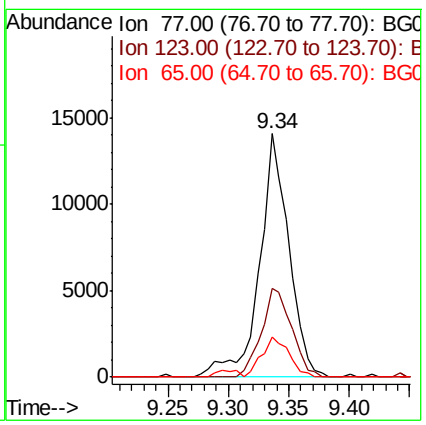


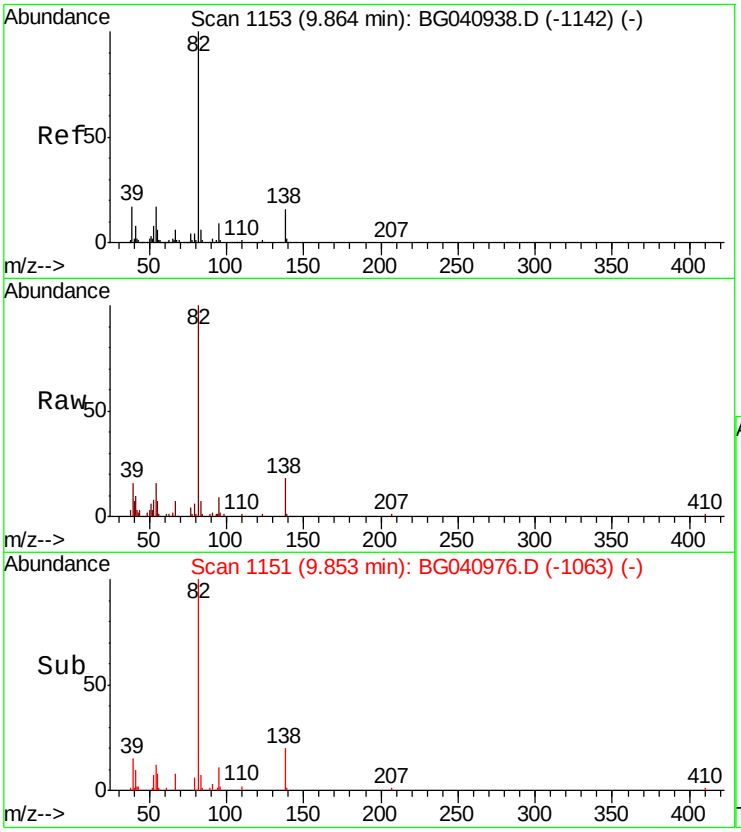


#24
Nitrobenzene
Concen: 5.168 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 77 Resp: 23853

Ion	Ratio	Lower	Upper
77	100		
123	36.7	30.6	46.0
65	16.5	12.3	18.5



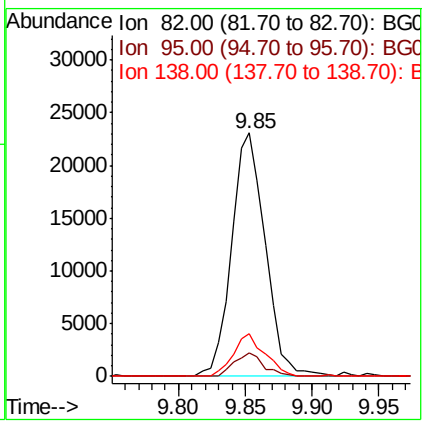


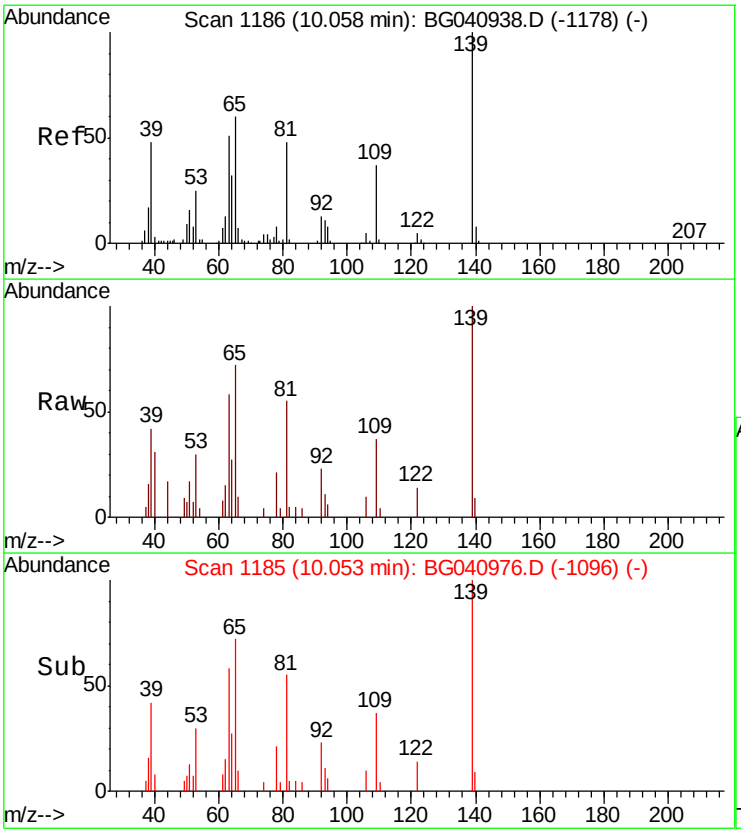
#25
Isophorone
Concen: 4.676 ng
RT: 9.85 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 82 Resp: 40310

Ion	Ratio	Lower	Upper
82	100		
95	9.4	7.0	10.4
138	17.8	12.6	19.0

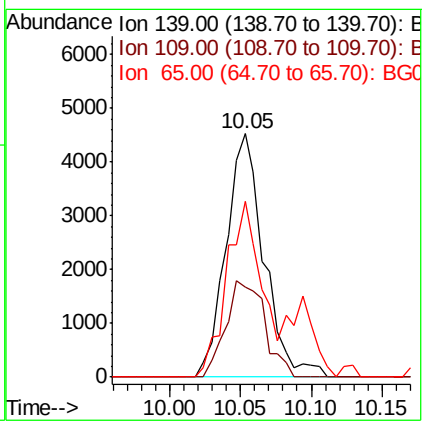


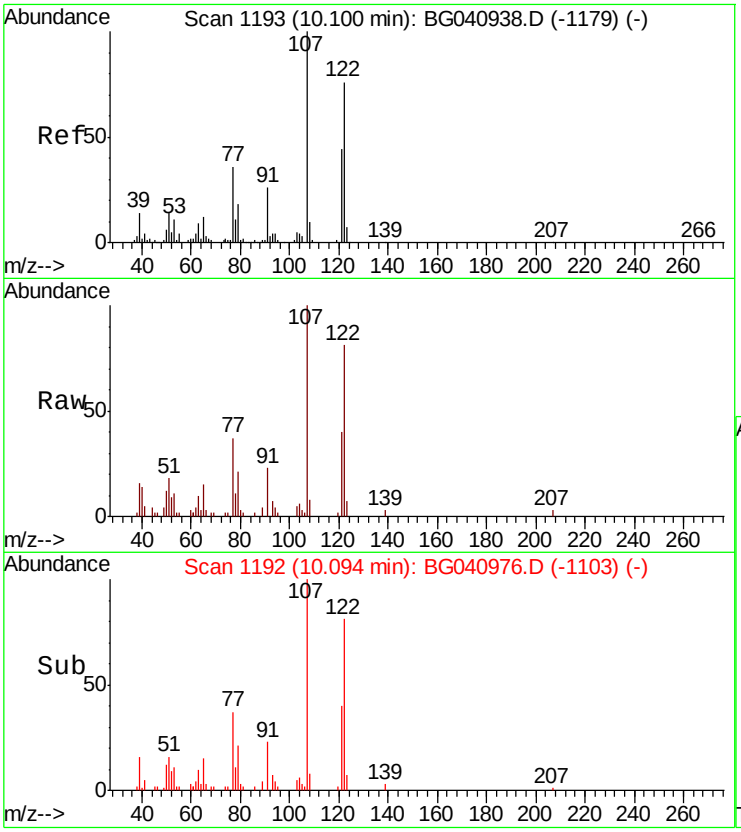


#26
2-Nitrophenol
Concen: 4.439 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:139 Resp: 8447

Ion	Ratio	Lower	Upper
139	100		
109	36.9	29.8	44.6
65	71.9	47.8	71.6#



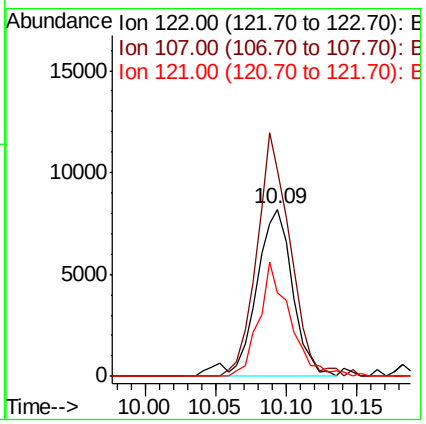


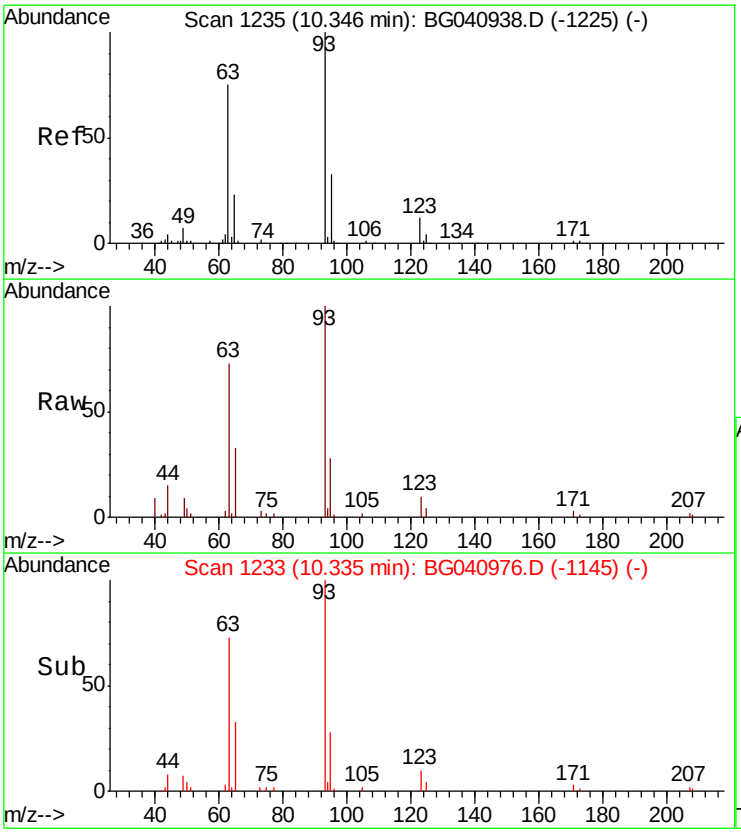
#27
2,4-Dimethylphenol
Concen: 4.747 ng
RT: 10.09 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:122 Resp: 14919

Ion	Ratio	Lower	Upper
122	100		
107	123.9	105.9	158.9
121	49.7	46.2	69.4

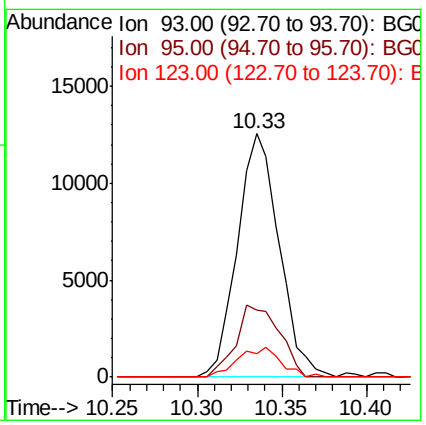


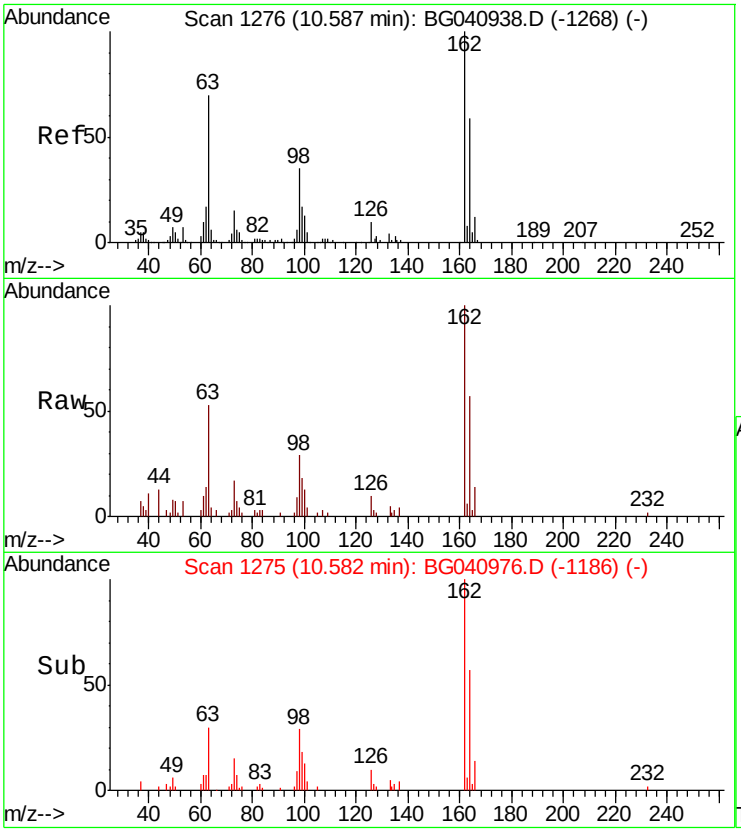


#28
bis(2-Chloroethoxy)methane
Concen: 4.640 ng
RT: 10.33 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 93 Resp: 21586

Ion	Ratio	Lower	Upper
93	100		
95	27.6	26.2	39.2
123	9.6	9.5	14.3



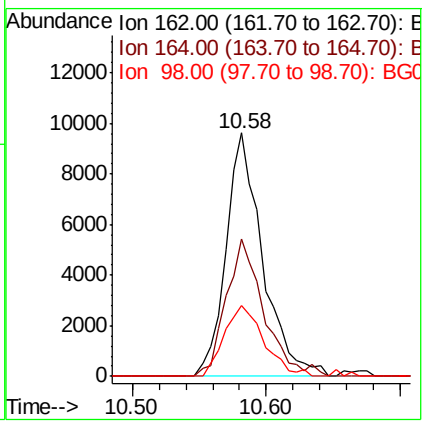


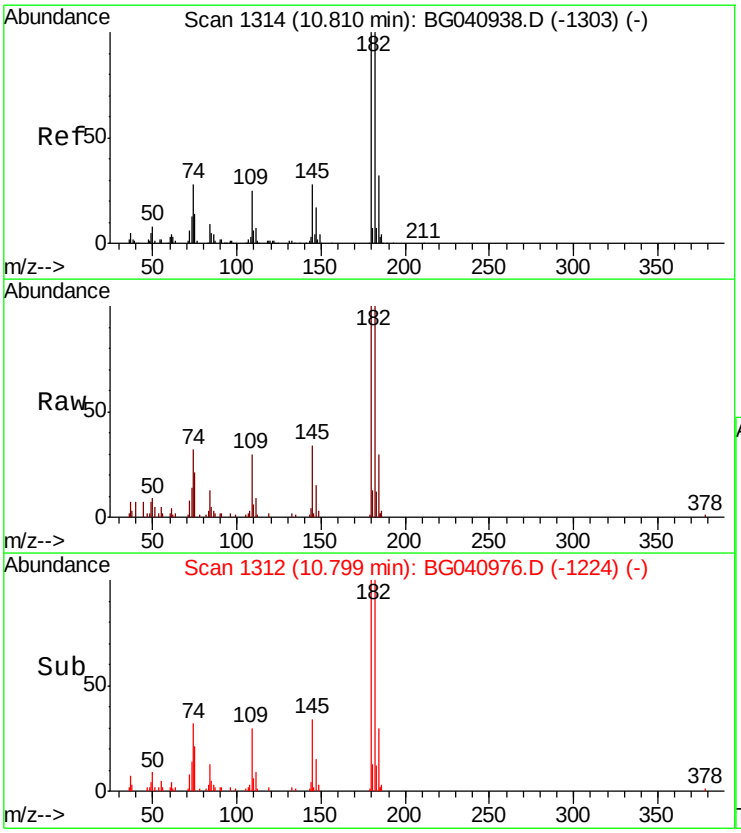
#29
2,4-Dichlorophenol
Concen: 4.601 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:162 Resp: 18362

Ion	Ratio	Lower	Upper
162	100		
164	56.5	39.4	79.4
98	28.9	15.3	55.3

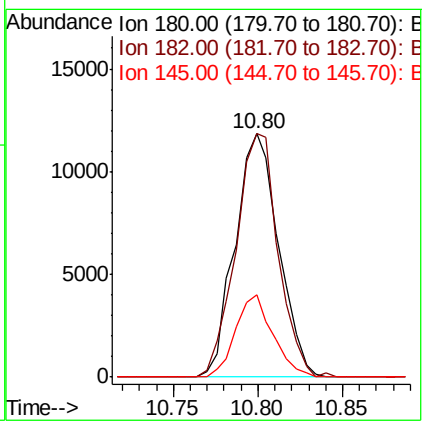


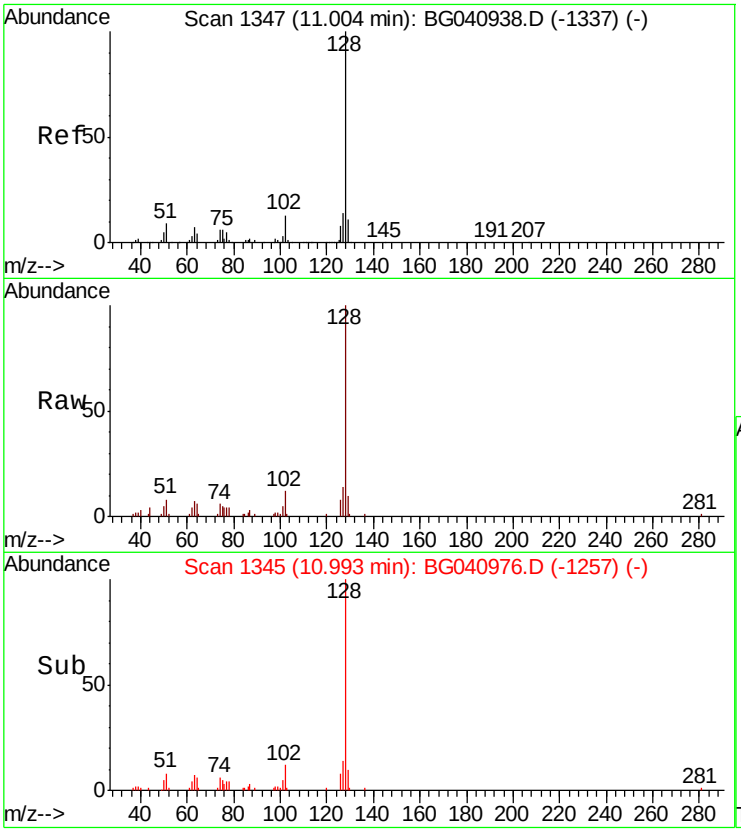


#30
1,2,4-Trichlorobenzene
Concen: 4.667 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:180 Resp: 21187

Ion	Ratio	Lower	Upper
180	100		
182	100.1	79.7	119.5
145	33.8	22.6	34.0



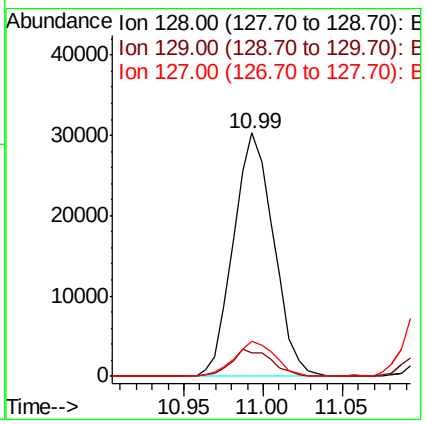


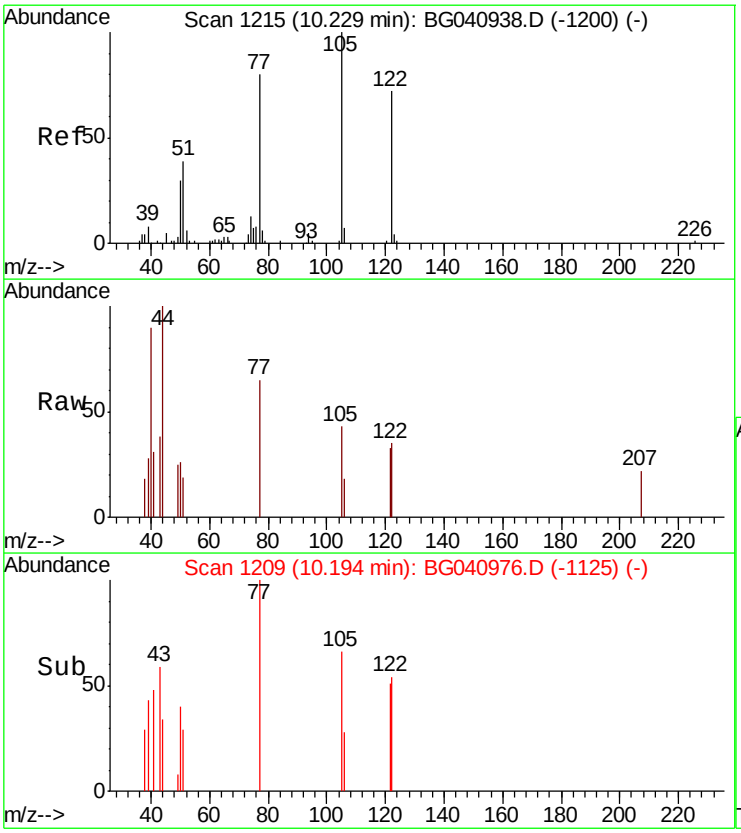
#31
Naphthalene
Concen: 4.934 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:128 Resp: 53265

Ion	Ratio	Lower	Upper
128	100		
129	9.6	8.5	12.7
127	14.4	11.4	17.2

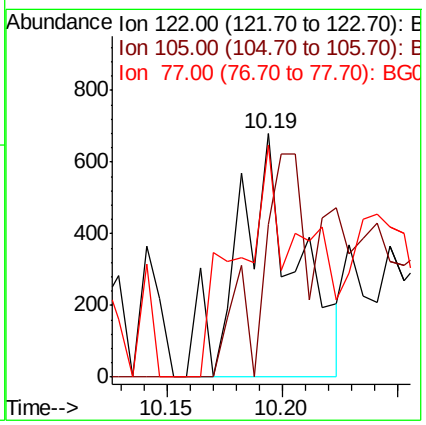


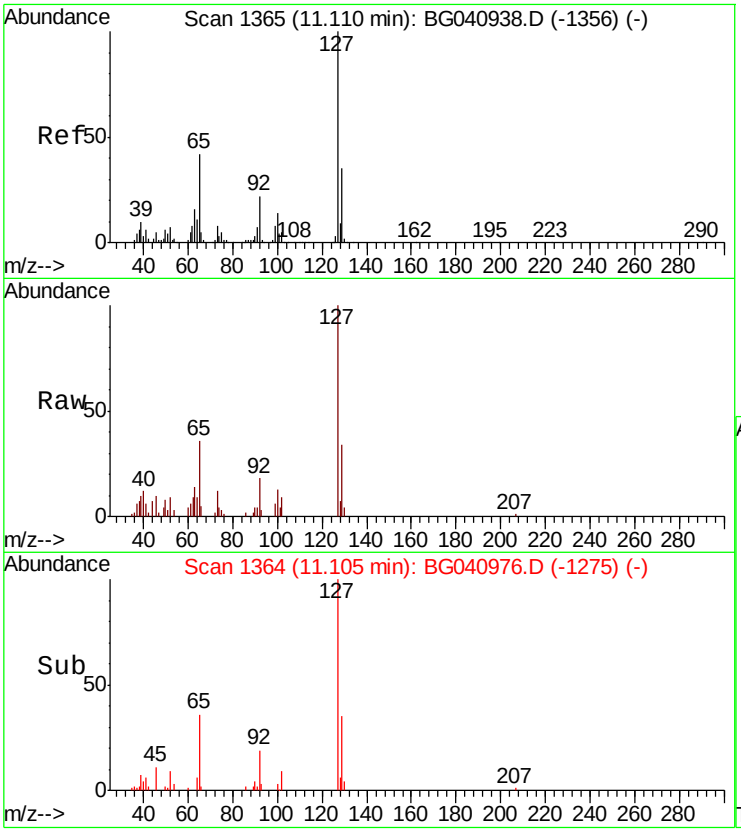


#32
Benzoic acid
Concen: 8.539 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.03 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:122 Resp: 1202

Ion	Ratio	Lower	Upper
122	100		
105	63.0	114.8	154.8#
77	95.3	89.9	129.9



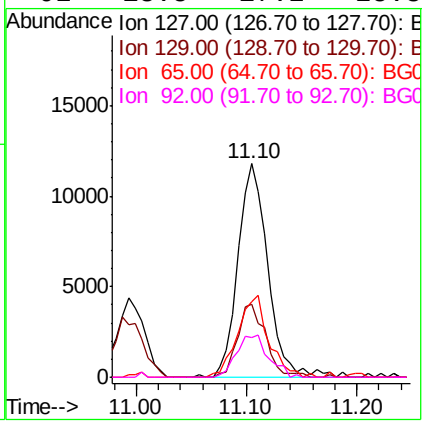


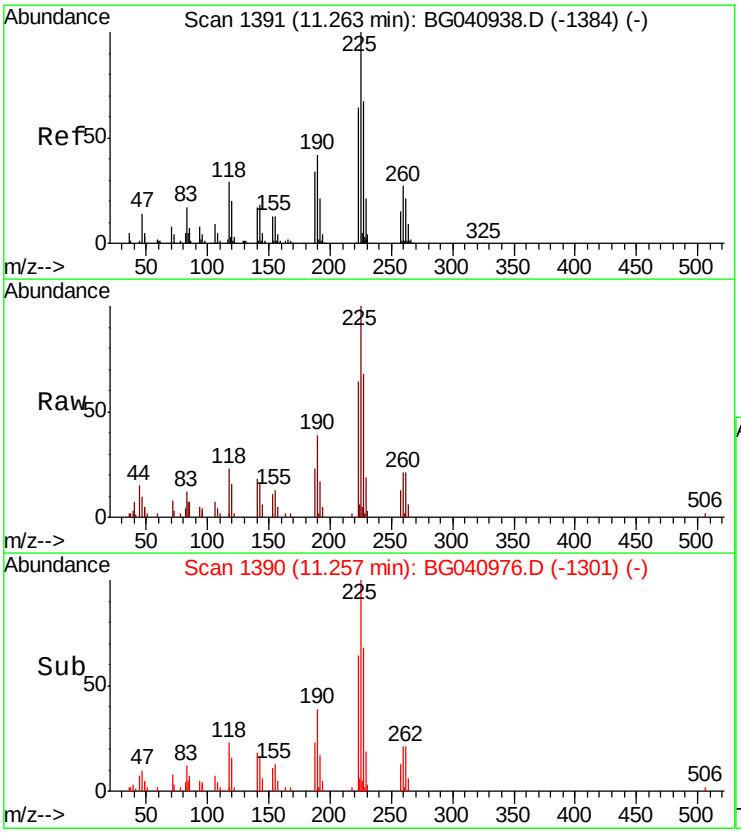
#33
4-Chloroaniline
Concen: 4.491 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:127 Resp: 22497

Ion	Ratio	Lower	Upper
127	100		
129	34.4	27.7	41.5
65	35.5	33.2	49.8
92	18.5	17.2	25.8

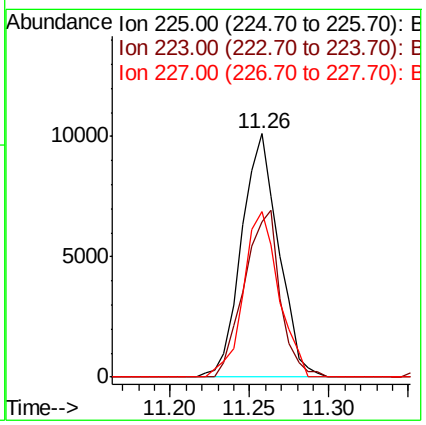


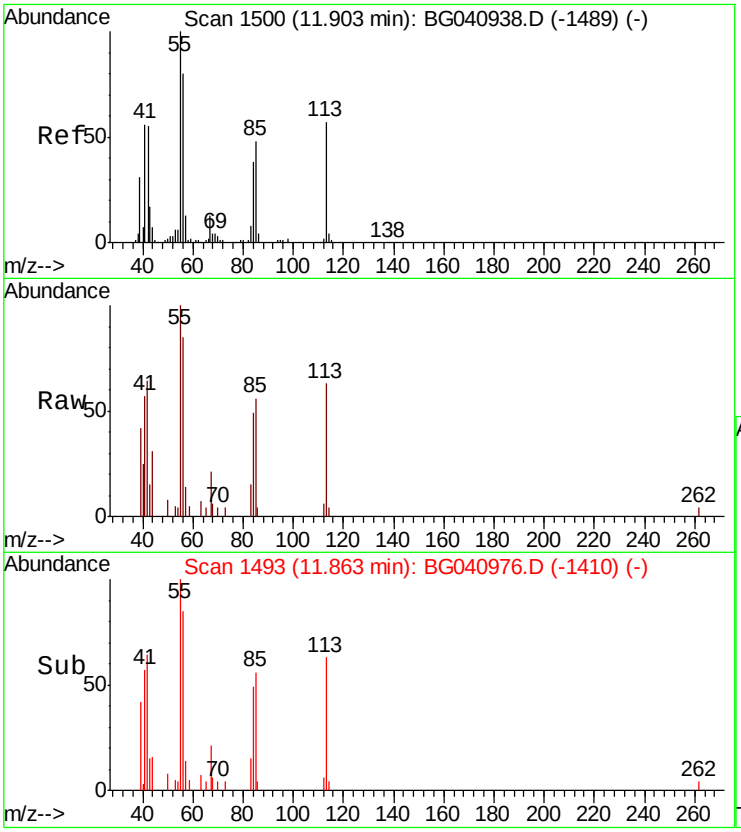


#34
Hexachlorobutadiene
Concen: 4.727 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:225 Resp: 16421

Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.8	73.2
227	64.8	51.4	77.0



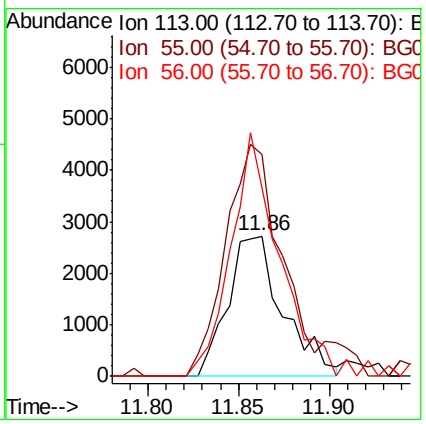


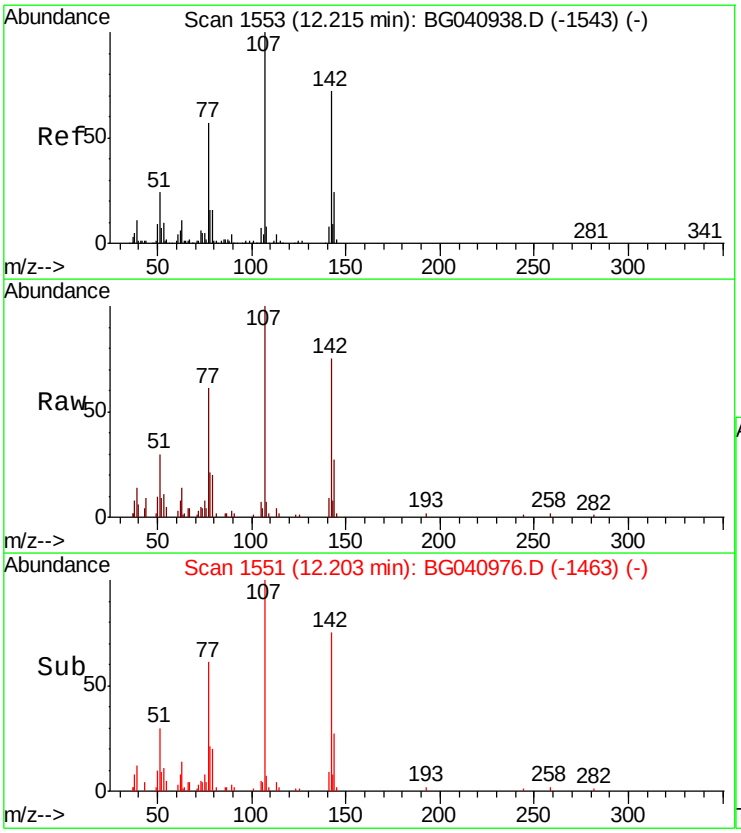
#35
Caprolactam
Concen: 4.374 ng
RT: 11.86 min Scan# 1493
Delta R.T. -0.04 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:113 Resp: 5765

Ion	Ratio	Lower	Upper
113	100		
55	157.6	155.9	195.9
56	134.7	119.9	159.9

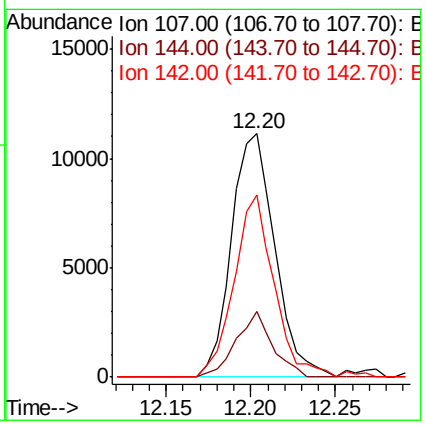


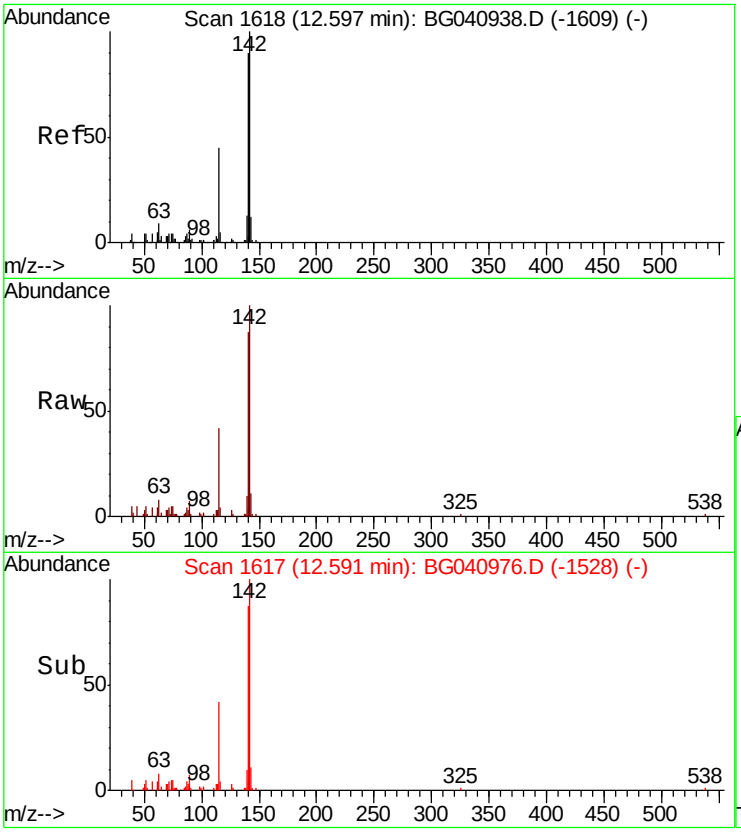


#36
4-Chloro-3-methylphenol
Concen: 4.359 ng
RT: 12.20 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:107 Resp: 19870

Ion	Ratio	Lower	Upper
107	100		
144	26.9	19.4	29.0
142	74.9	57.3	85.9



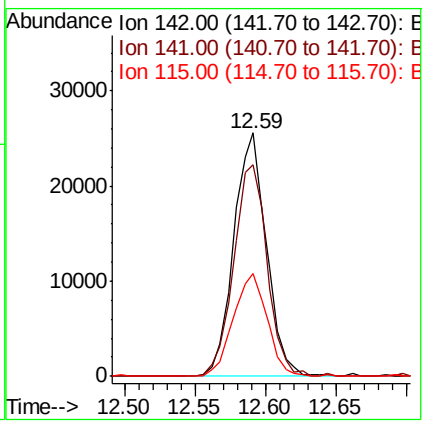


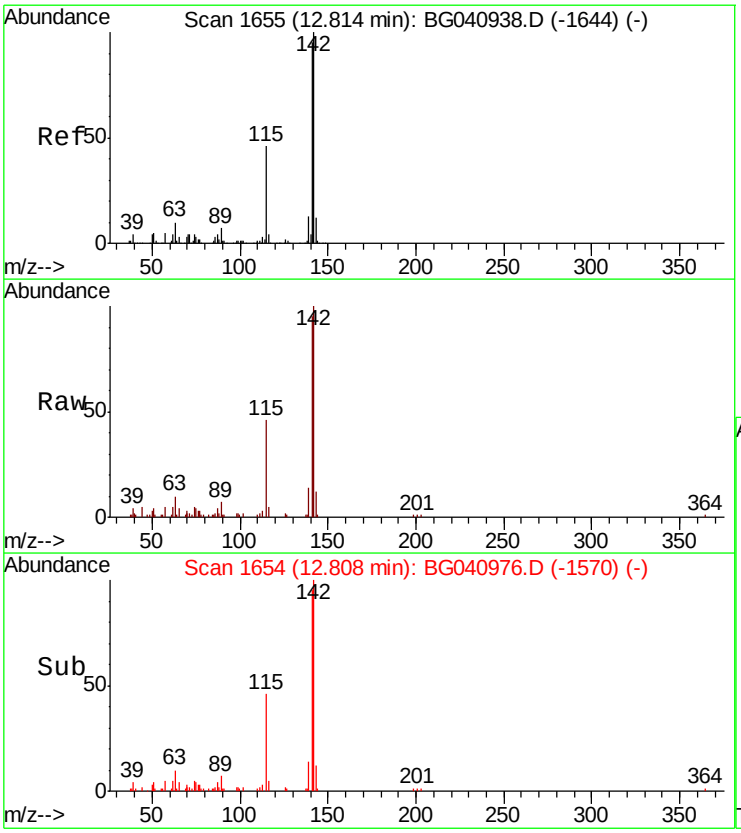
#37
2-Methylnaphthalene
Concen: 4.967 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:142 Resp: 41300

Ion	Ratio	Lower	Upper
142	100		
141	87.0	72.2	108.4
115	42.2	36.2	54.4

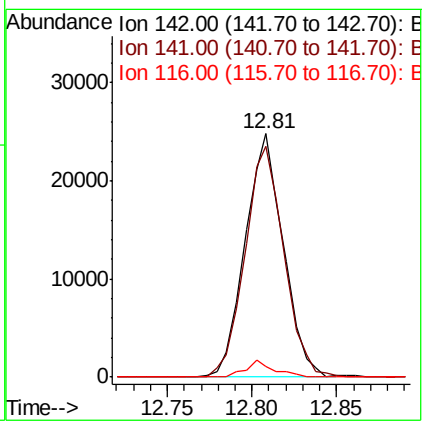


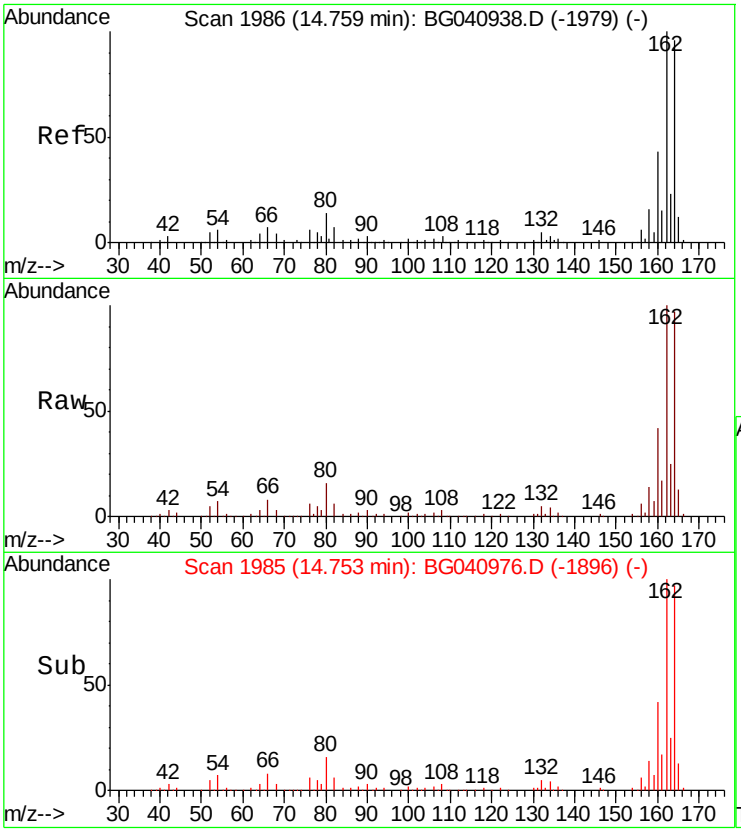


#38
1-Methylnaphthalene
Concen: 4.943 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:142 Resp: 38729

Ion	Ratio	Lower	Upper
142	100		
141	95.0	75.7	113.5
116	4.6	3.4	5.2



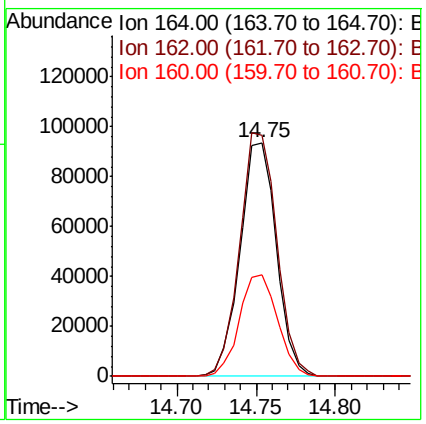


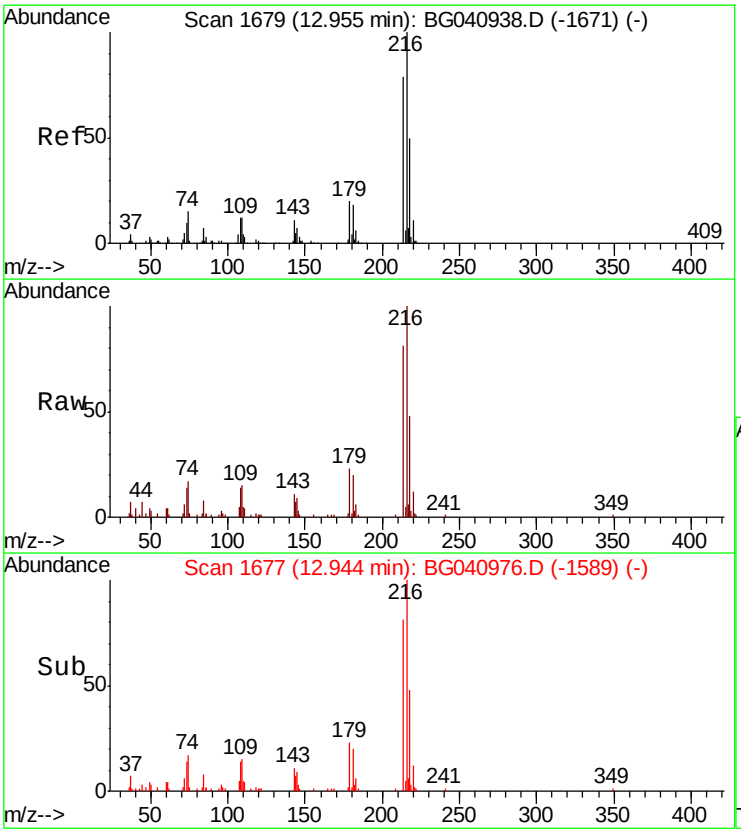
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:164 Resp: 149157

Ion	Ratio	Lower	Upper
164	100		
162	103.1	83.0	124.4
160	43.6	35.6	53.4

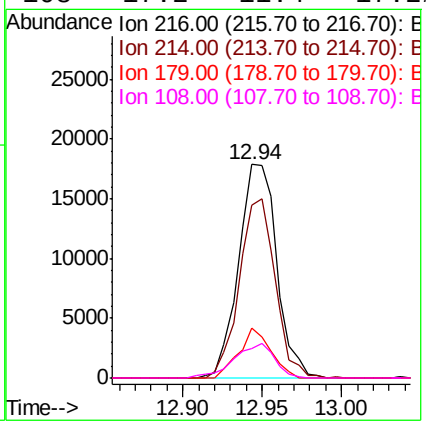


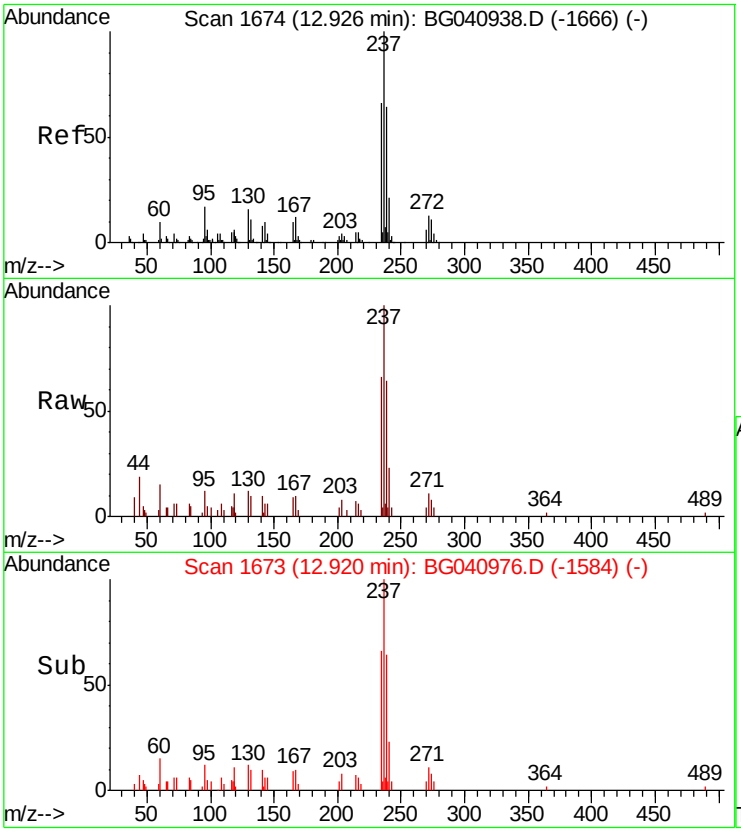


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.986 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:216 Resp: 29977

Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	19.1	15.2	22.8
108	17.2	11.4	17.2#



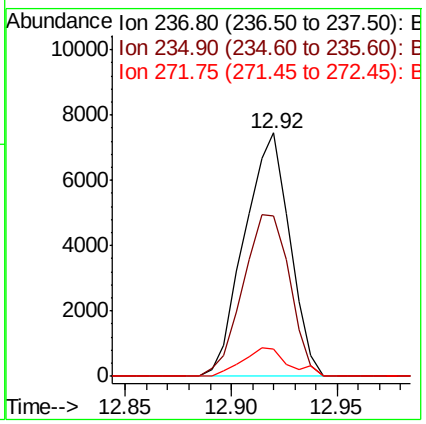


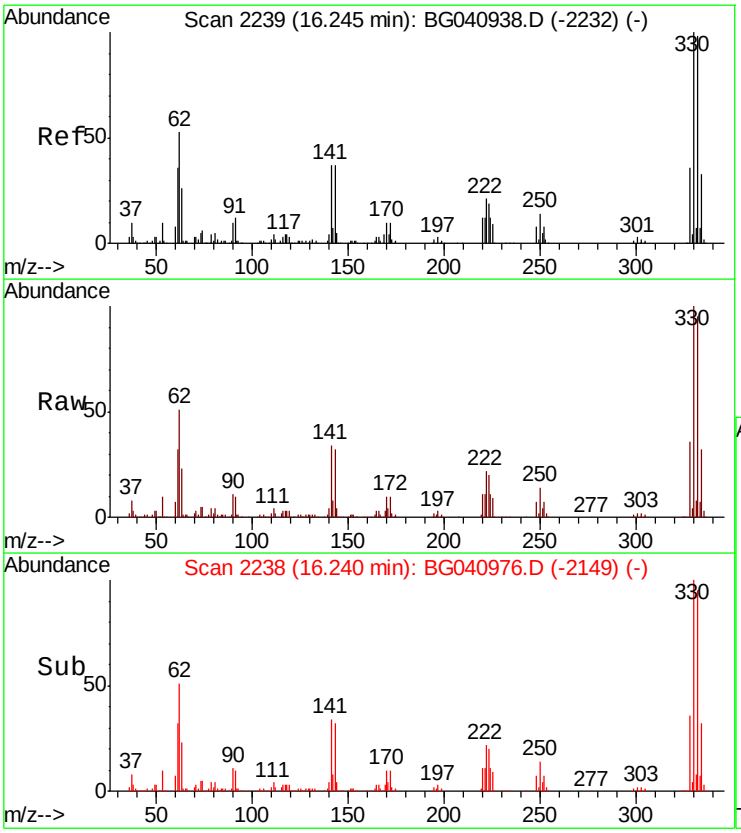
#41
Hexachlorocyclopentadiene
Concen: 11.312 ng
RT: 12.92 min Scan# 1673
Delta R.T. -0.00 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:237 Resp: 11085

Ion	Ratio	Lower	Upper
237	100		
235	65.8	45.5	85.5
272	11.2	0.0	32.9

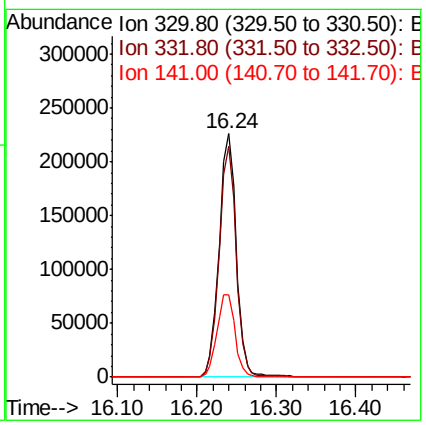


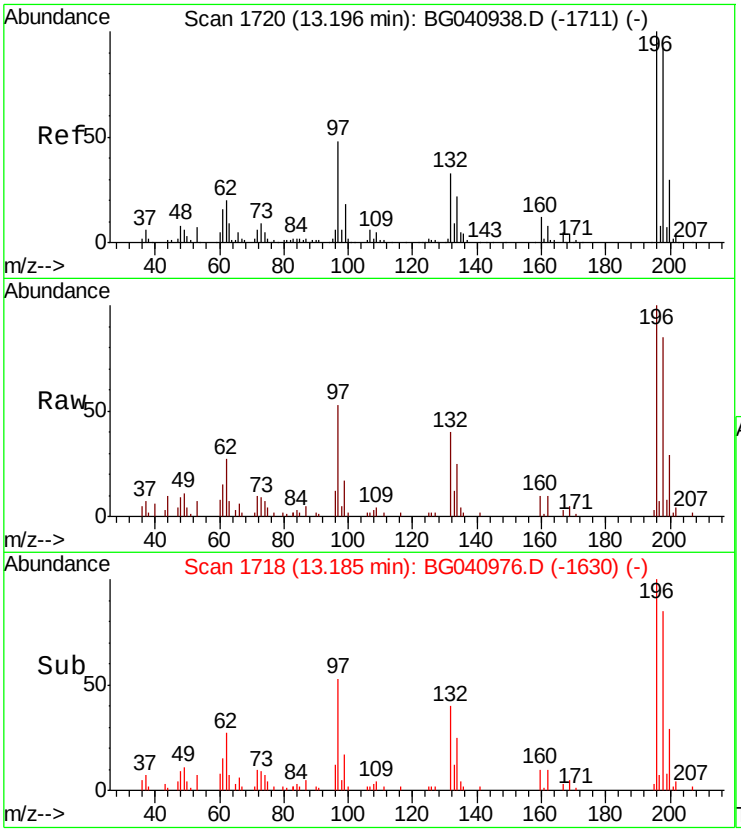


#42
2,4,6-Tribromophenol
Concen: 154.154 ng
RT: 16.24 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:330 Resp: 341349

Ion	Ratio	Lower	Upper
330	100		
332	93.9	78.5	117.7
141	35.3	28.7	43.1



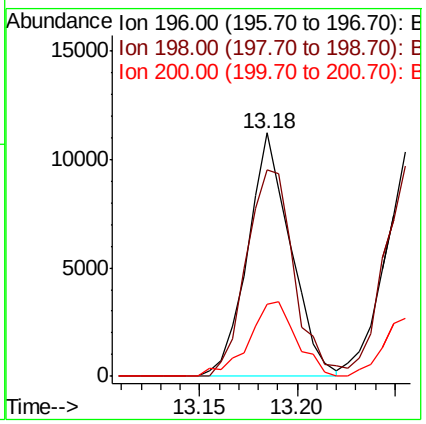


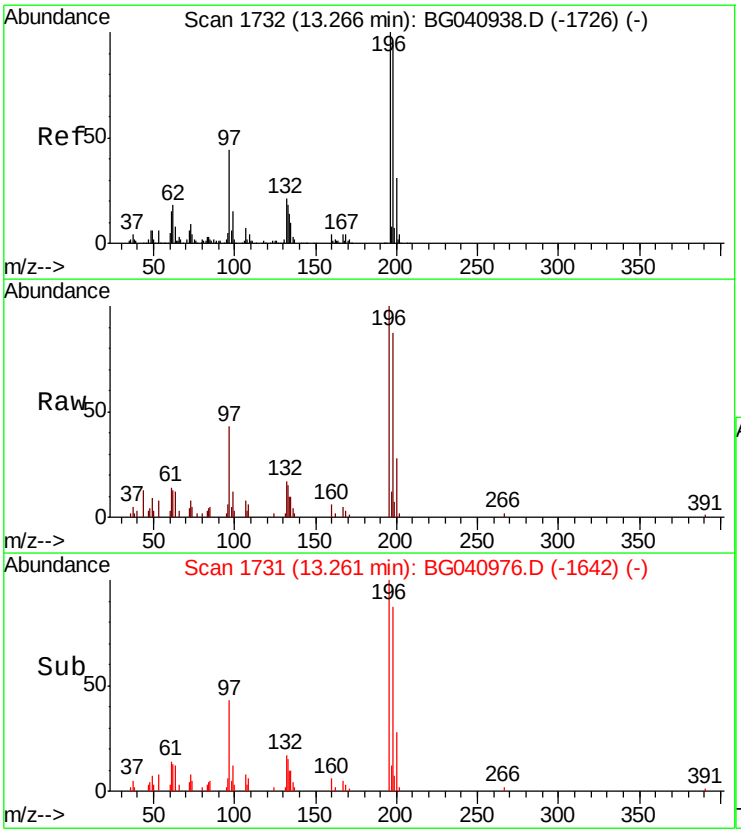
#43
2,4,6-Trichlorophenol
Concen: 4.389 ng
RT: 13.18 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:196 Resp: 17069

Ion	Ratio	Lower	Upper
196	100		
198	85.0	73.8	110.6
200	29.5	24.1	36.1

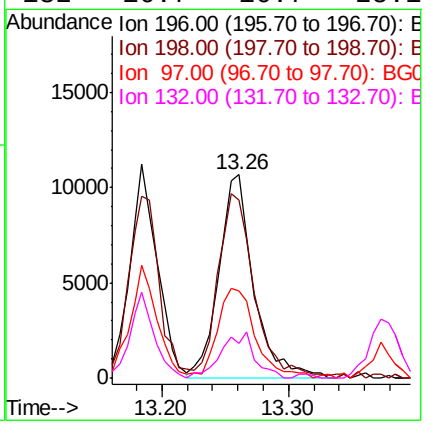


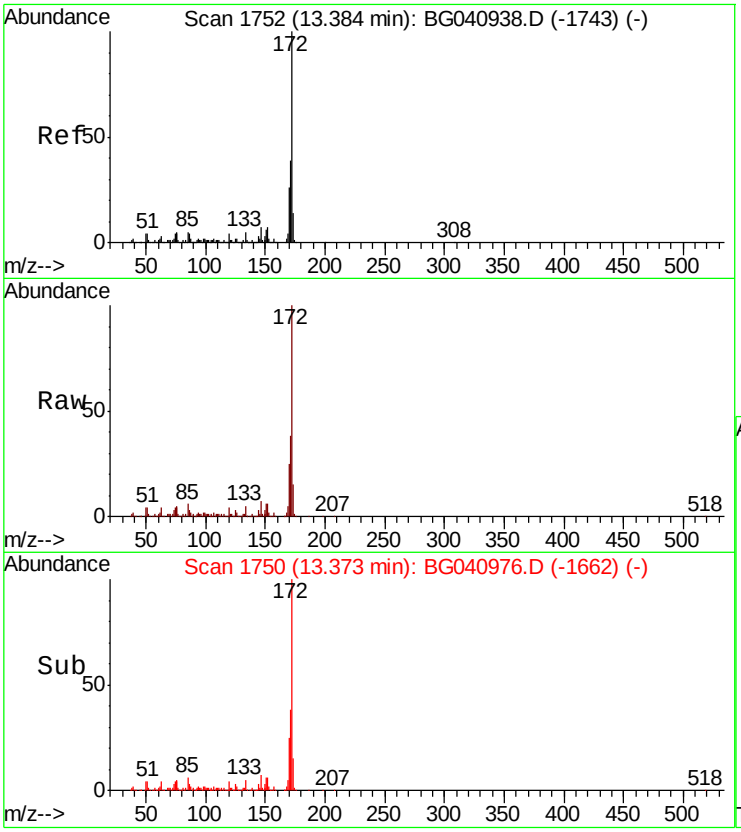


#44
2,4,5-Trichlorophenol
Concen: 4.953 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:196 Resp: 20315

Ion	Ratio	Lower	Upper
196	100		
198	87.2	75.1	112.7
97	42.6	35.6	53.4
132	16.7	16.7	25.1



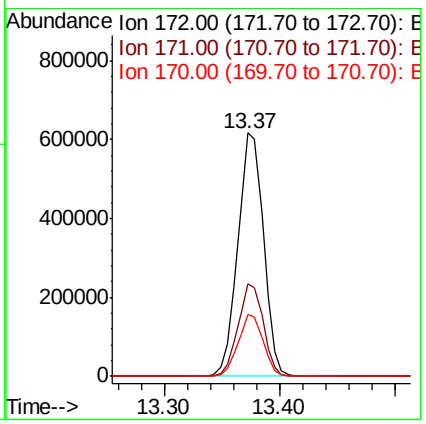


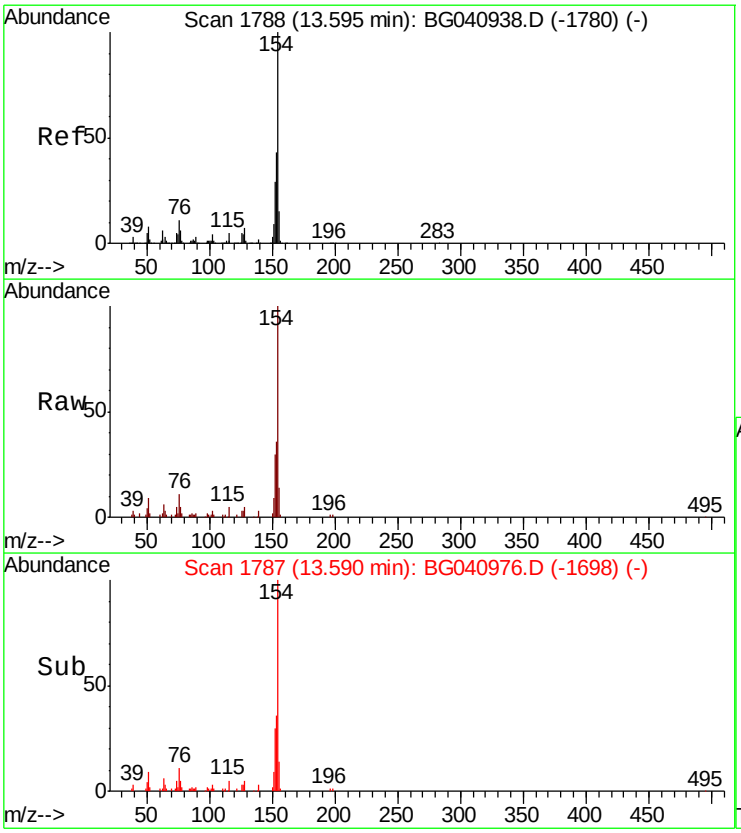
#45
2-Fluorobiphenyl
Concen: 91.649 ng
RT: 13.37 min Scan# 1750
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:172 Resp: 949239

Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.4	20.5	30.7

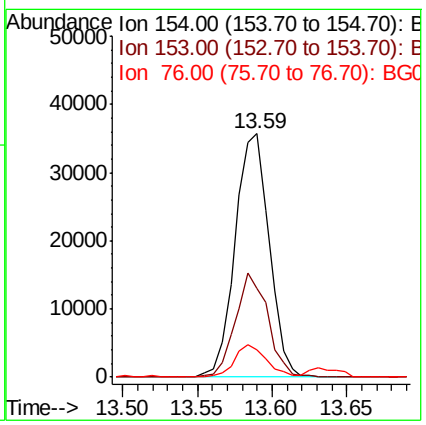


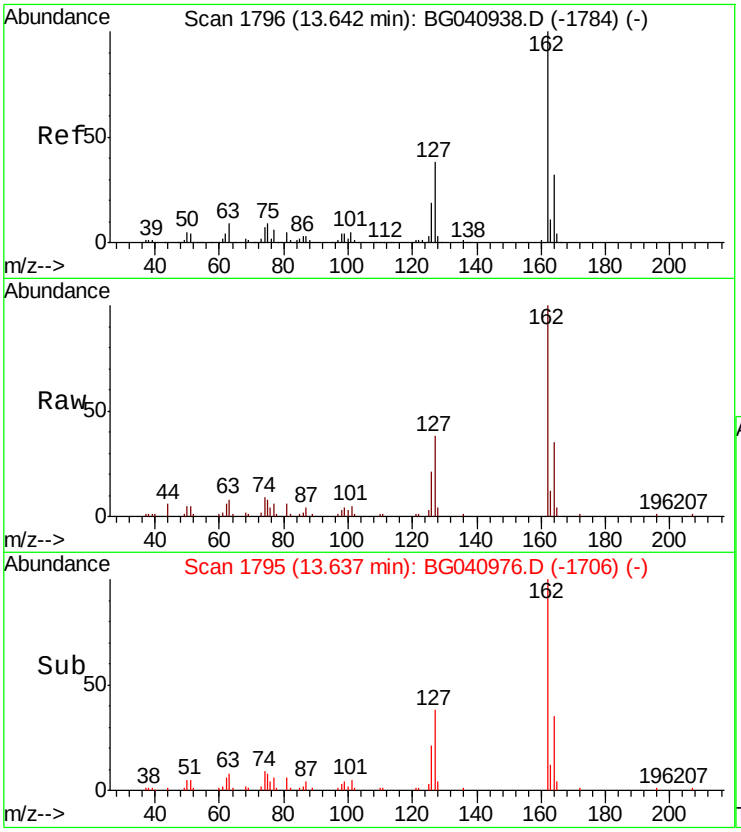


#46
1,1'-Biphenyl
Concen: 5.114 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:154 Resp: 56458

Ion	Ratio	Lower	Upper
154	100		
153	36.4	23.3	63.3
76	11.4	0.0	31.1



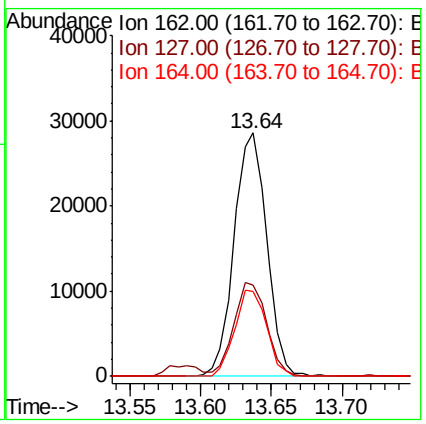


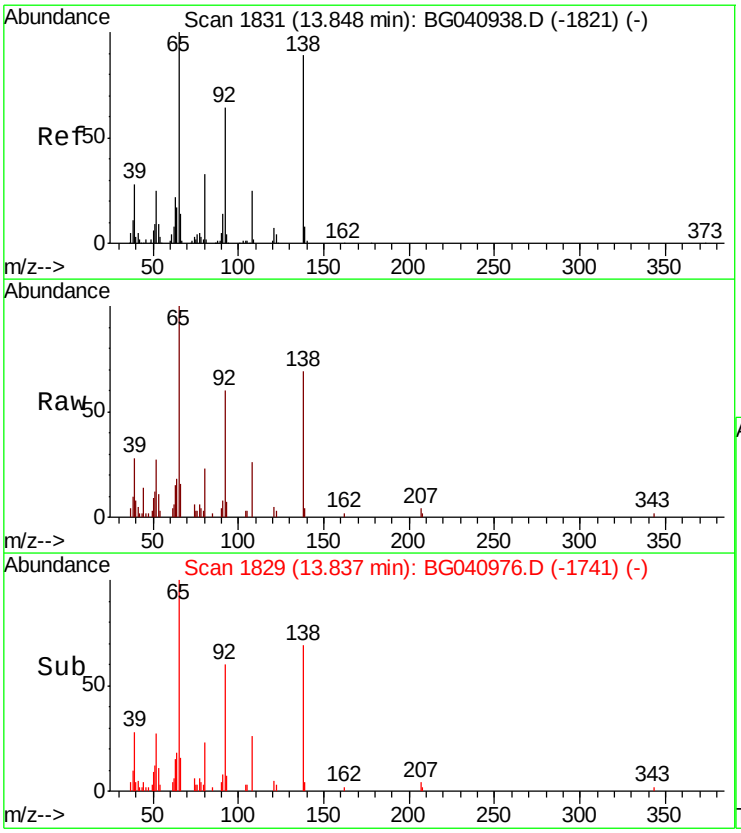
#47
2-Chloronaphthalene
Concen: 4.868 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:162 Resp: 46144

Ion	Ratio	Lower	Upper
162	100		
127	37.8	30.5	45.7
164	35.0	25.8	38.6

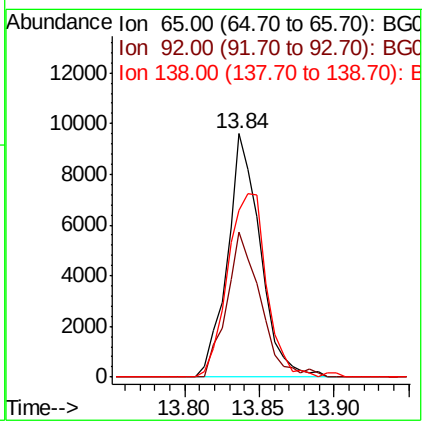


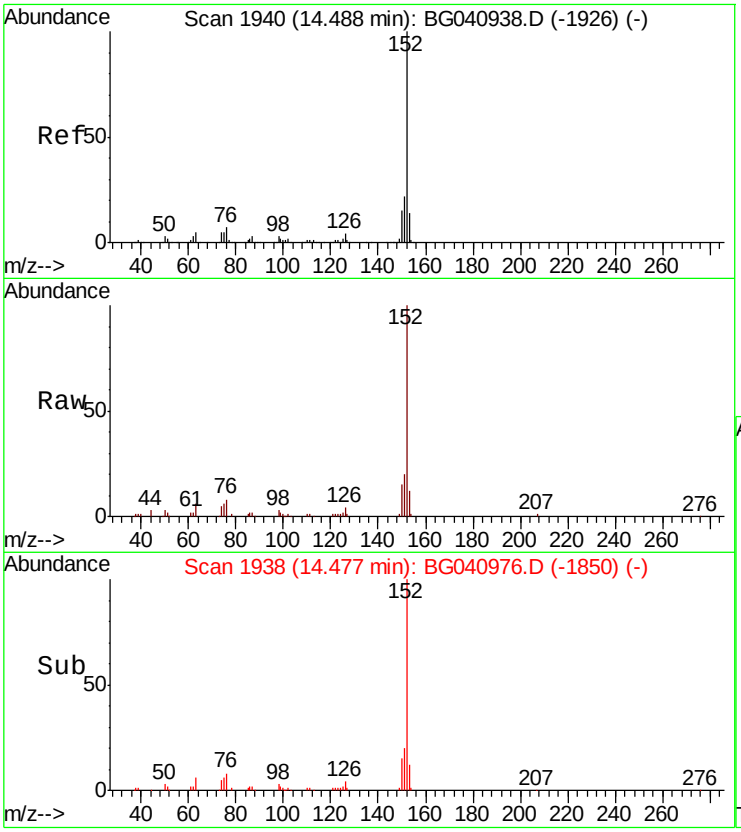


#48
2-Nitroaniline
Concen: 4.340 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion: 65 Resp: 14756

Ion	Ratio	Lower	Upper
65	100		
92	59.7	51.0	76.6
138	68.5	71.2	106.8#



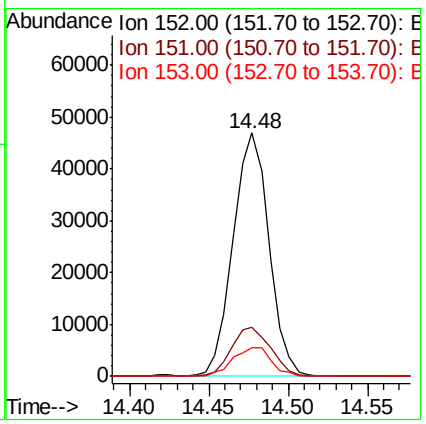


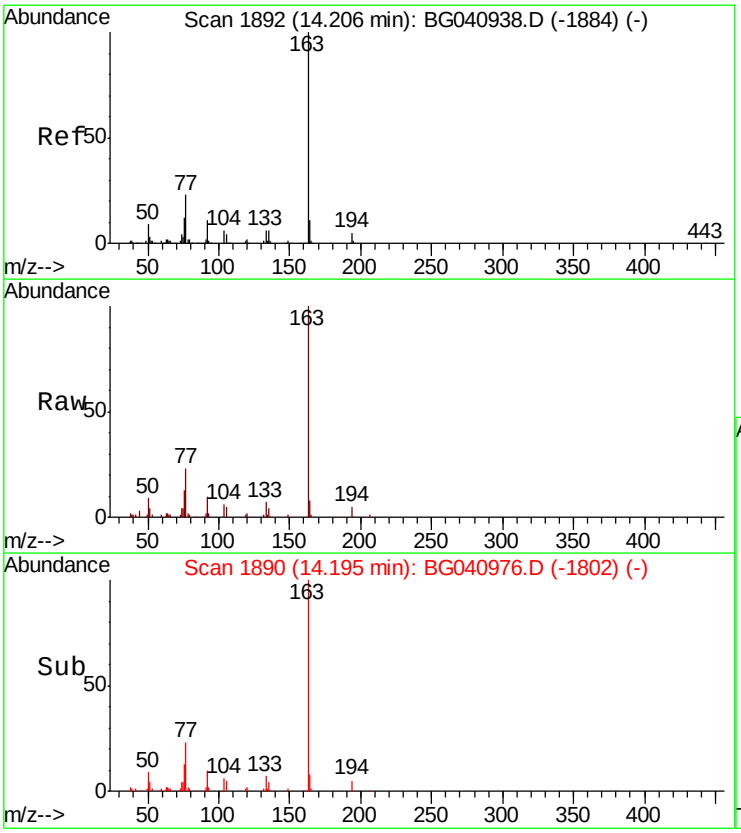
#49
Acenaphthylene
Concen: 5.169 ng
RT: 14.48 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:152 Resp: 73742

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.4	26.0
153	11.9	11.0	16.4

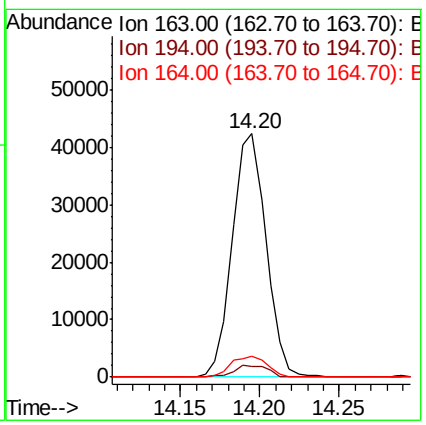


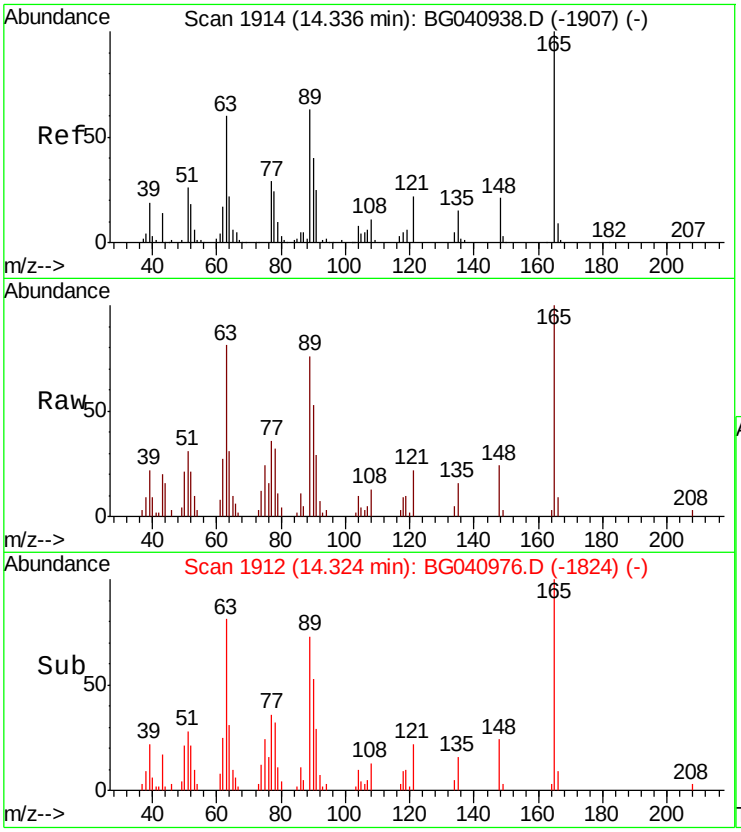


#50
Dimethylphthalate
Concen: 4.965 ng
RT: 14.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:163 Resp: 62692

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.8
164	8.3	8.7	13.1#



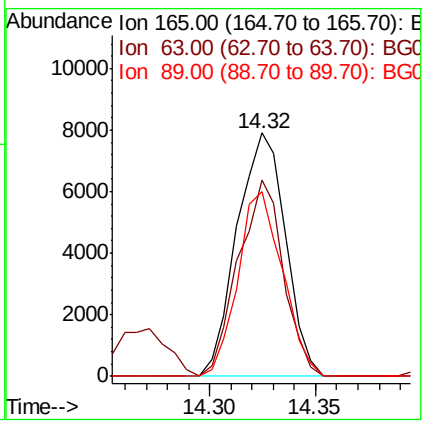


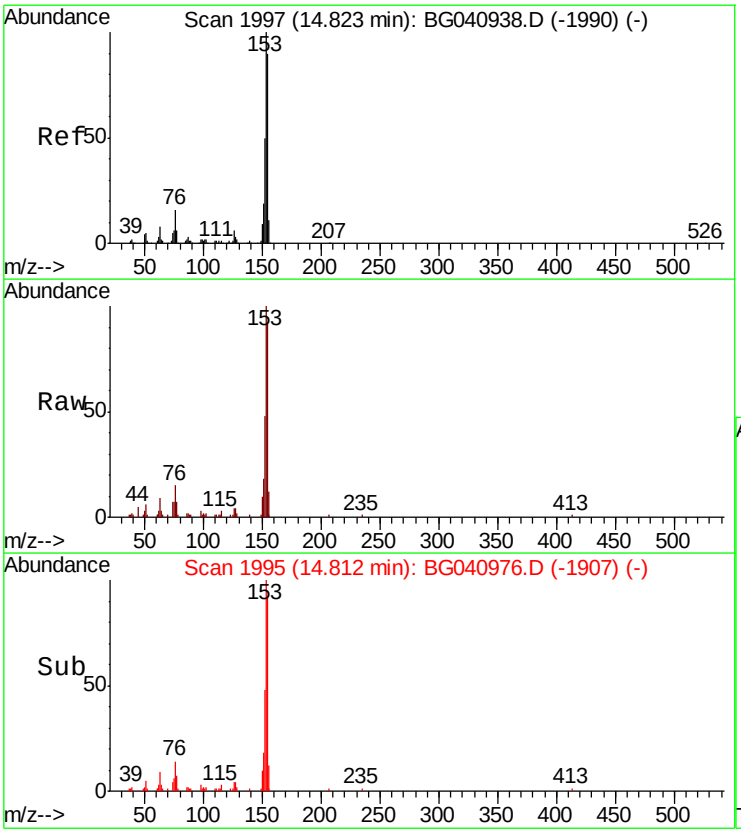
#51
2,6-Dinitrotoluene
Concen: 4.623 ng
RT: 14.32 min Scan# 1912
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:165 Resp: 12584

Ion	Ratio	Lower	Upper
165	100		
63	80.6	53.6	80.4#
89	75.7	50.4	75.6#

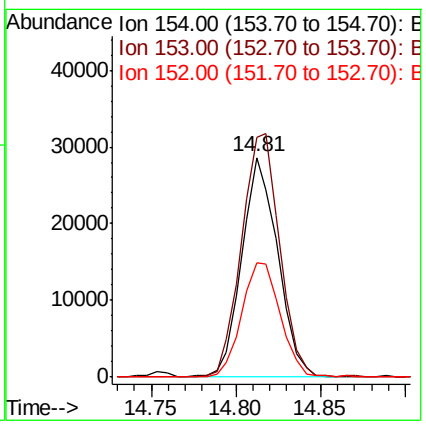


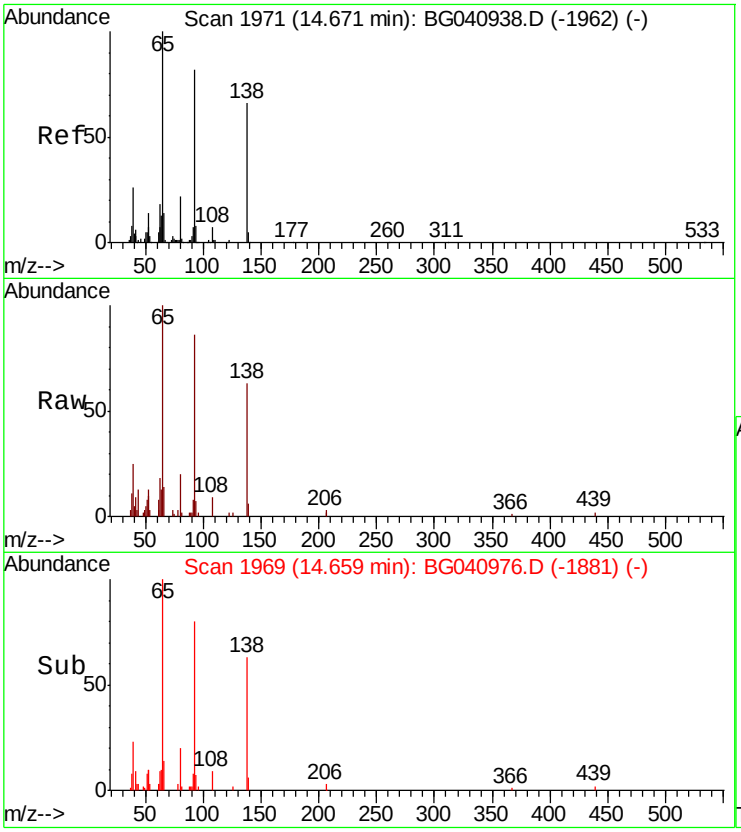


#52
Acenaphthene
Concen: 4.914 ng
RT: 14.81 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:154 Resp: 42468

Ion	Ratio	Lower	Upper
154	100		
153	108.8	88.6	133.0
152	52.0	44.2	66.4



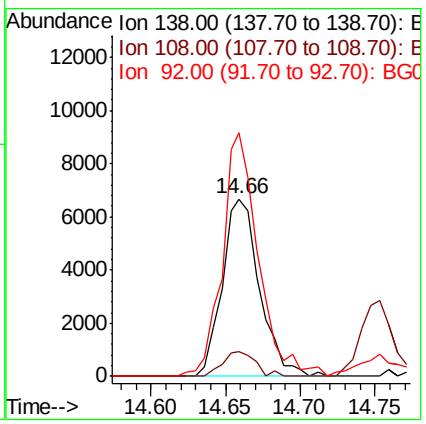


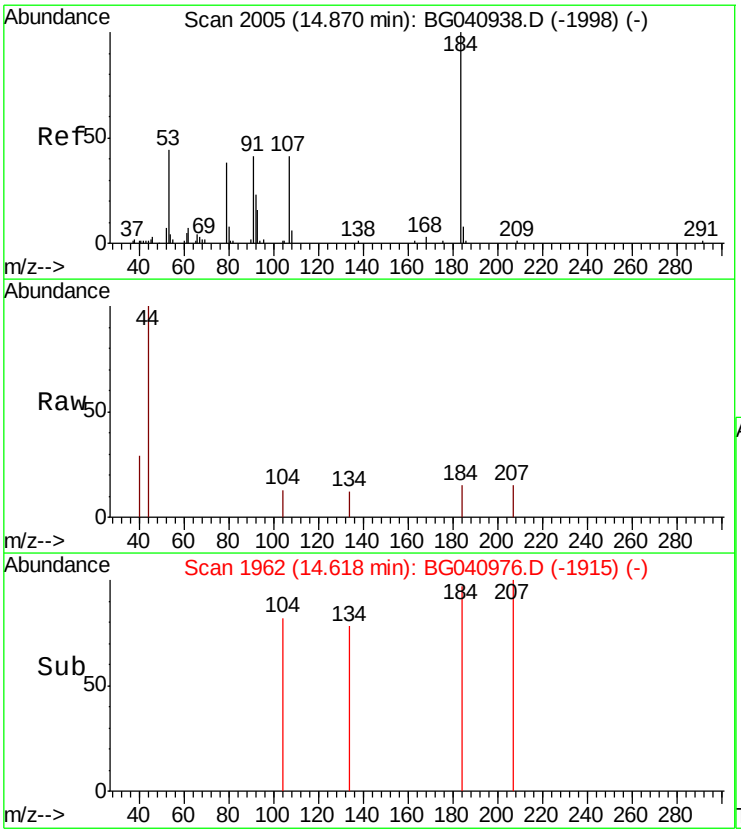
#53
3-Nitroaniline
Concen: 4.292 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:138 Resp: 11683

Ion	Ratio	Lower	Upper
138	100		
108	14.1	8.5	12.7#
92	137.2	99.0	148.6

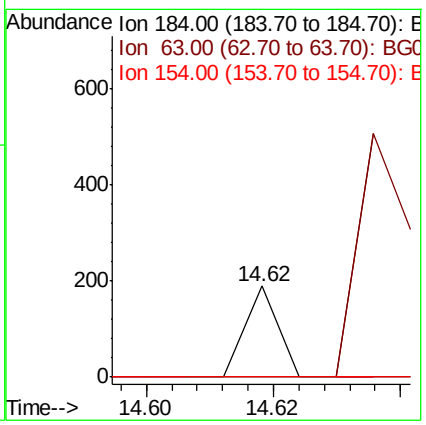


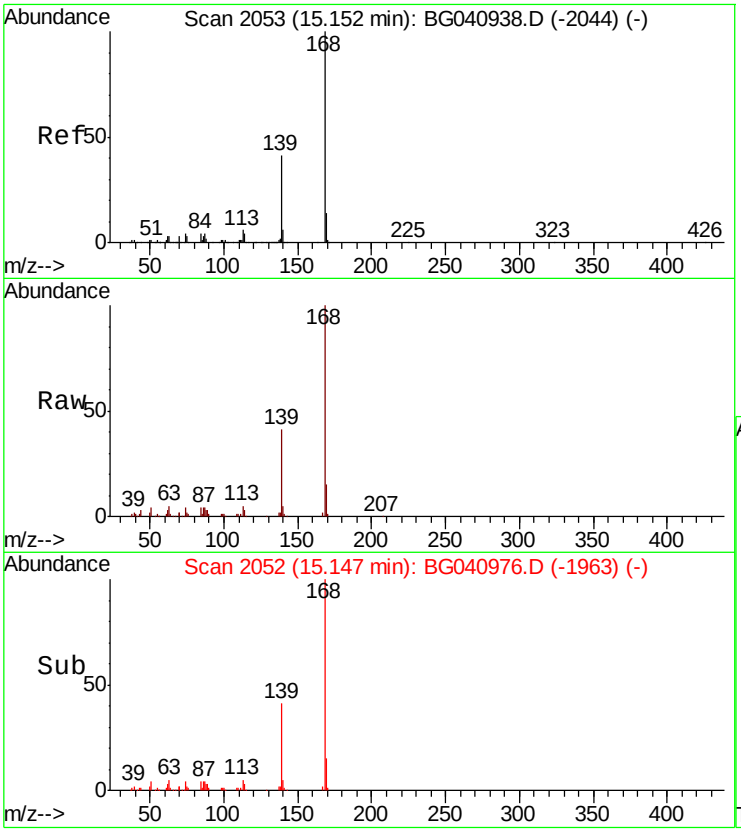


#54
2,4-Dinitrophenol
Concen: 8.310 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.25 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:184 Resp: 67

Ion	Ratio	Lower	Upper
184	100		
63	0.0	49.8	74.6#
154	0.0	52.2	78.4#



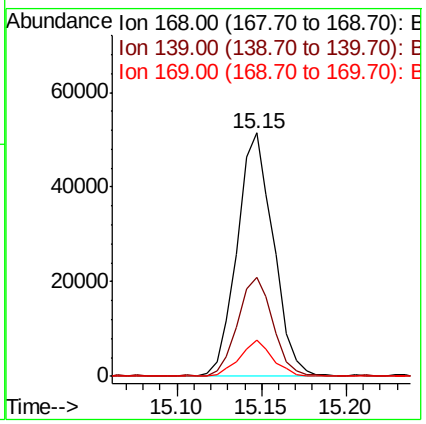


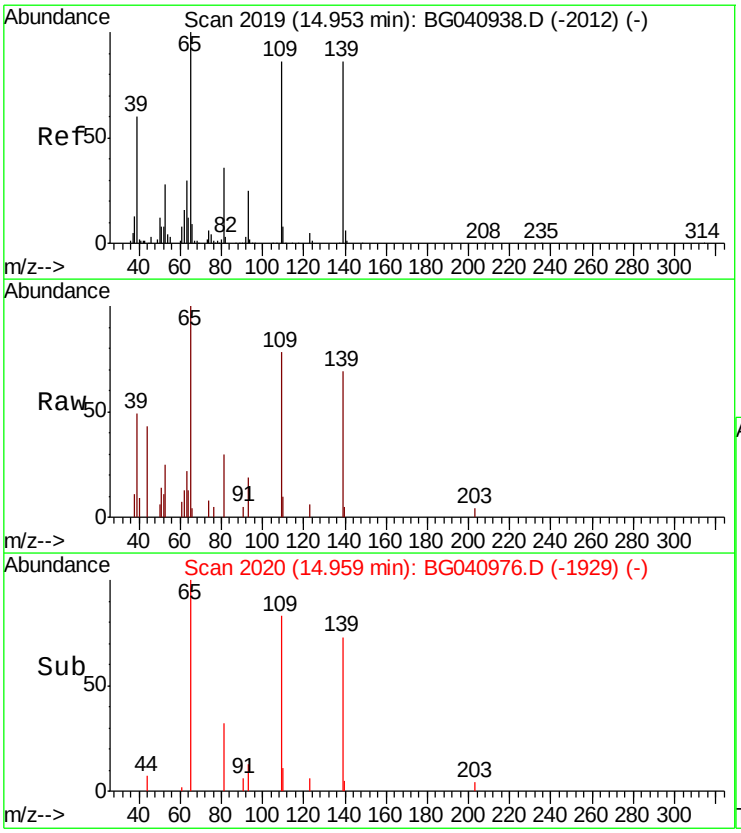
#55
Dibenzofuran
Concen: 5.273 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:168 Resp: 76672

Ion	Ratio	Lower	Upper
168	100		
139	40.5	32.8	49.2
169	15.1	11.3	16.9

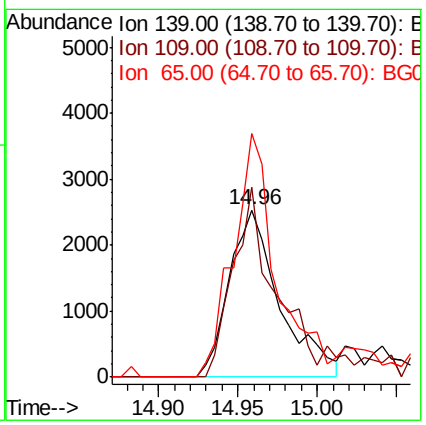


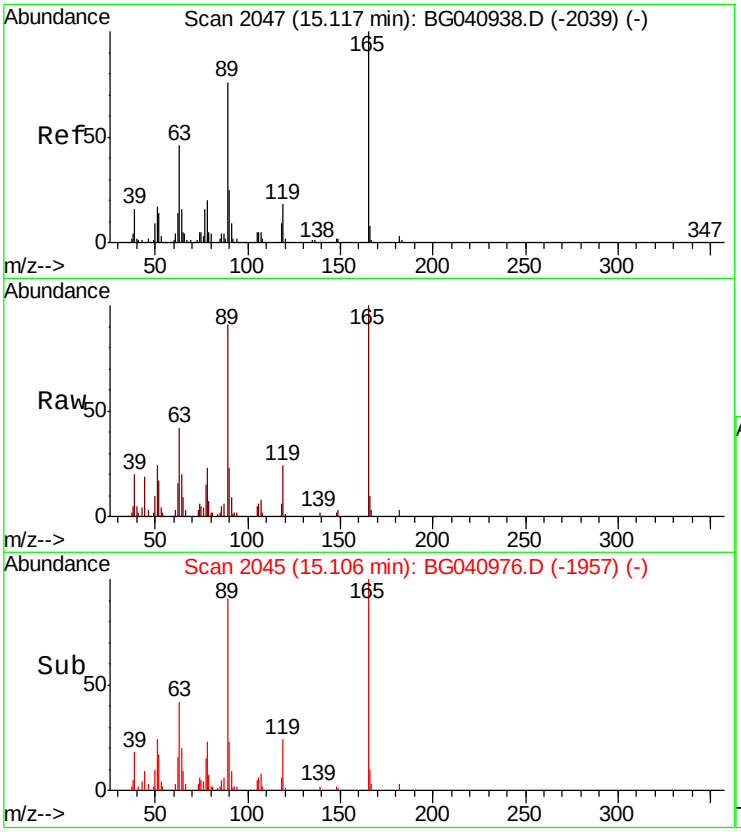


#56
4-Nitrophenol
Concen: 2.986 ng
RT: 14.96 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:139 Resp: 5576

Ion	Ratio	Lower	Upper
139	100		
109	106.7	79.6	119.6
65	136.6	96.9	136.9



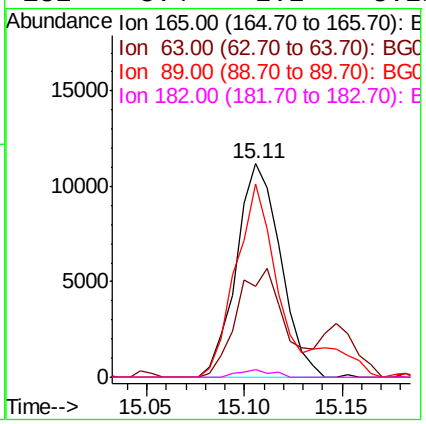


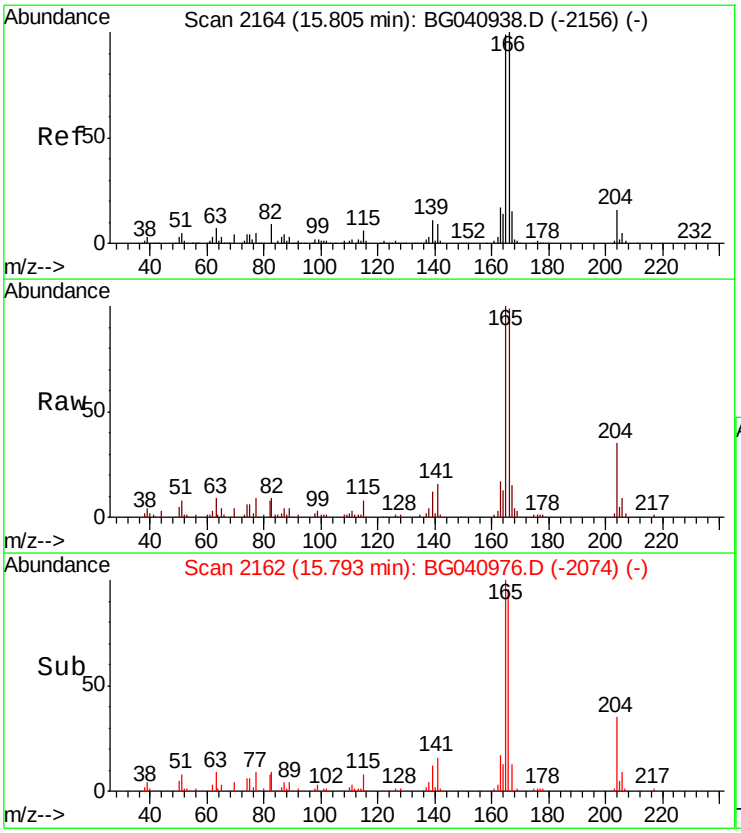
#57
2,4-Dinitrotoluene
Concen: 4.549 ng
RT: 15.11 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:165 Resp: 17494

Ion	Ratio	Lower	Upper
165	100		
63	42.5	37.3	55.9
89	90.6	61.0	91.6
182	3.4	2.2	3.2#

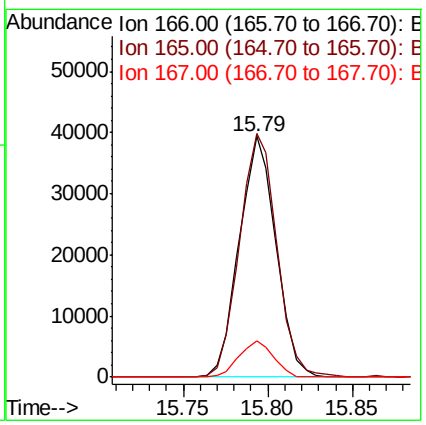


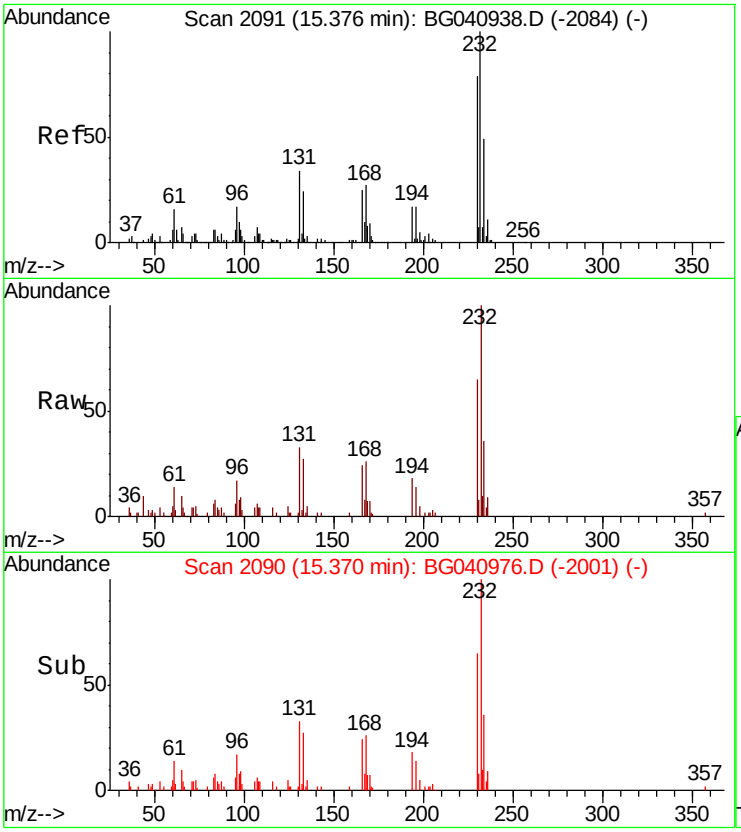


#58
Fluorene
Concen: 5.124 ng
RT: 15.79 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:166 Resp: 59335

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.2	118.8
167	15.0	11.8	17.6



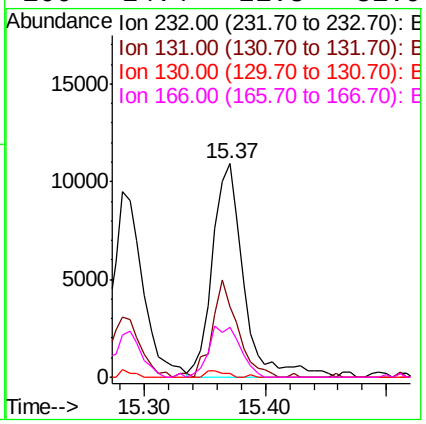


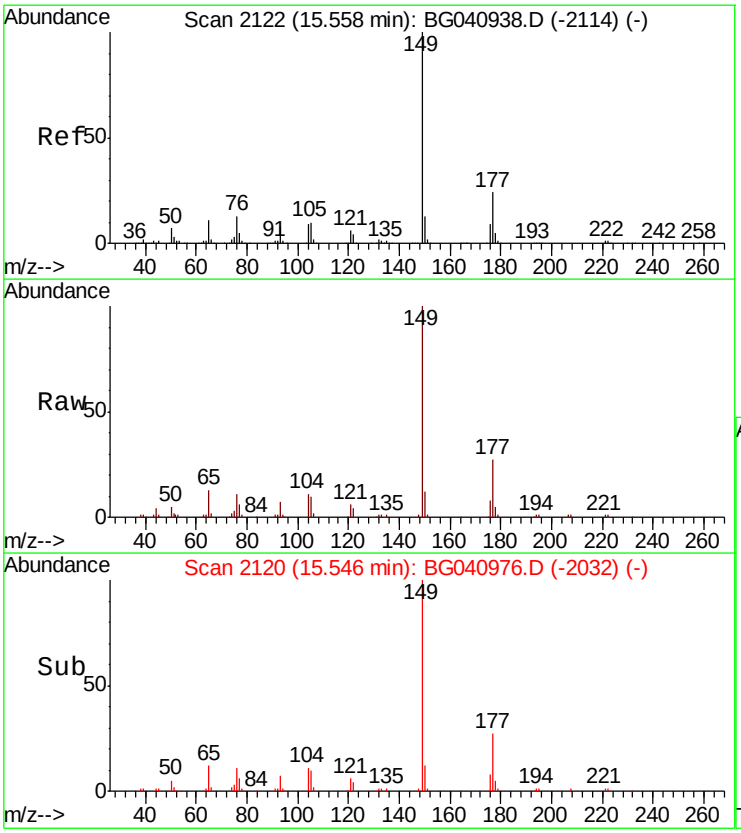
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.829 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:232 Resp: 19464

Ion	Ratio	Lower	Upper
232	100		
131	36.5	30.3	45.5
130	2.0	1.8	2.8
166	24.4	21.3	31.9

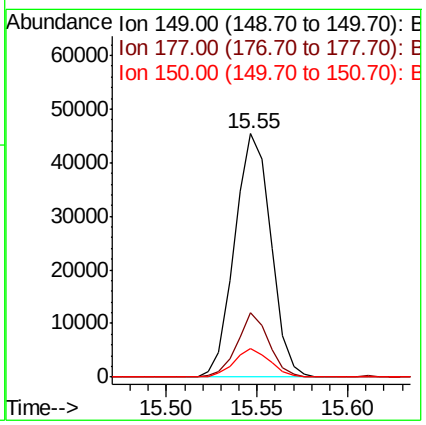


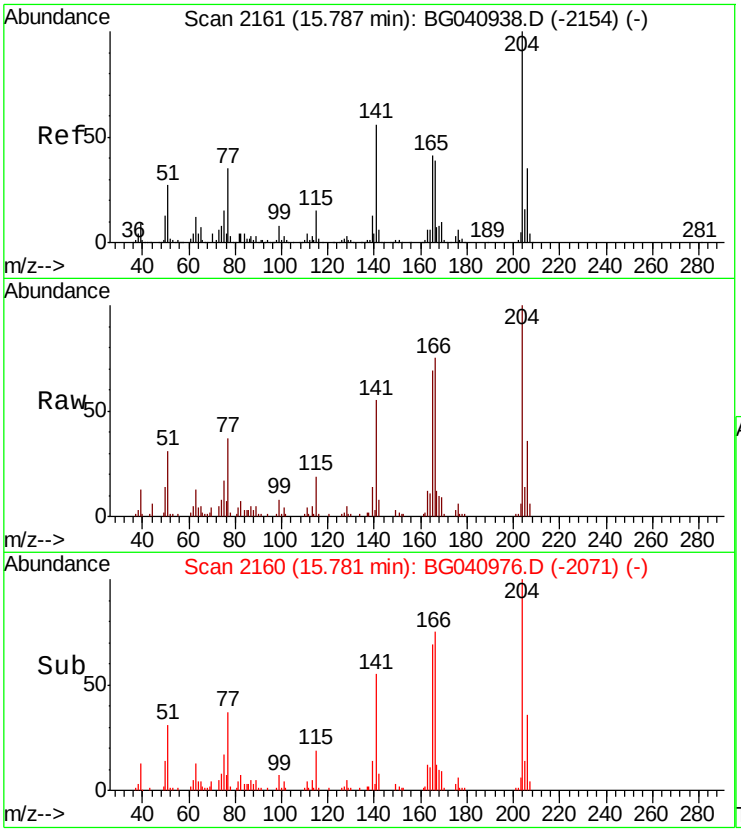


#60
Diethylphthalate
Concen: 4.898 ng
RT: 15.55 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:149 Resp: 63111

Ion	Ratio	Lower	Upper
149	100		
177	26.6	19.4	29.0
150	11.9	10.3	15.5



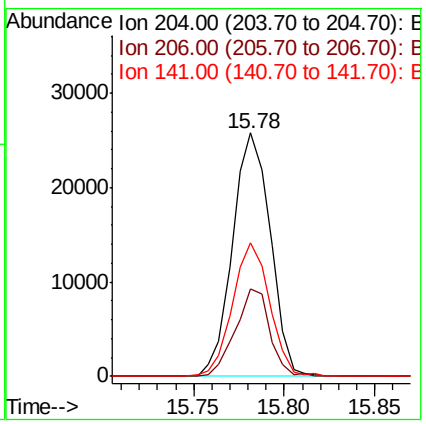


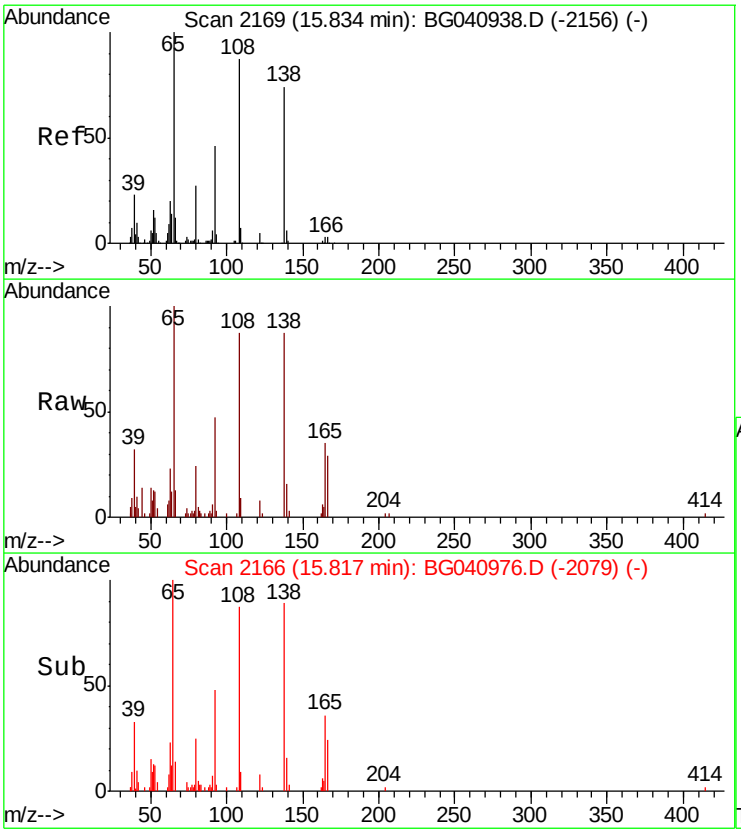
#61
4-Chlorophenyl-phenylether
Concen: 4.956 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:204 Resp: 37304

Ion	Ratio	Lower	Upper
204	100		
206	35.7	27.6	41.4
141	54.8	45.1	67.7

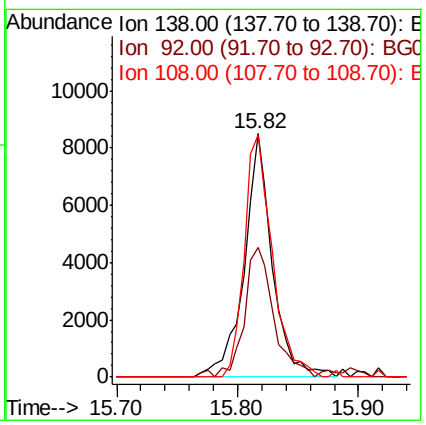


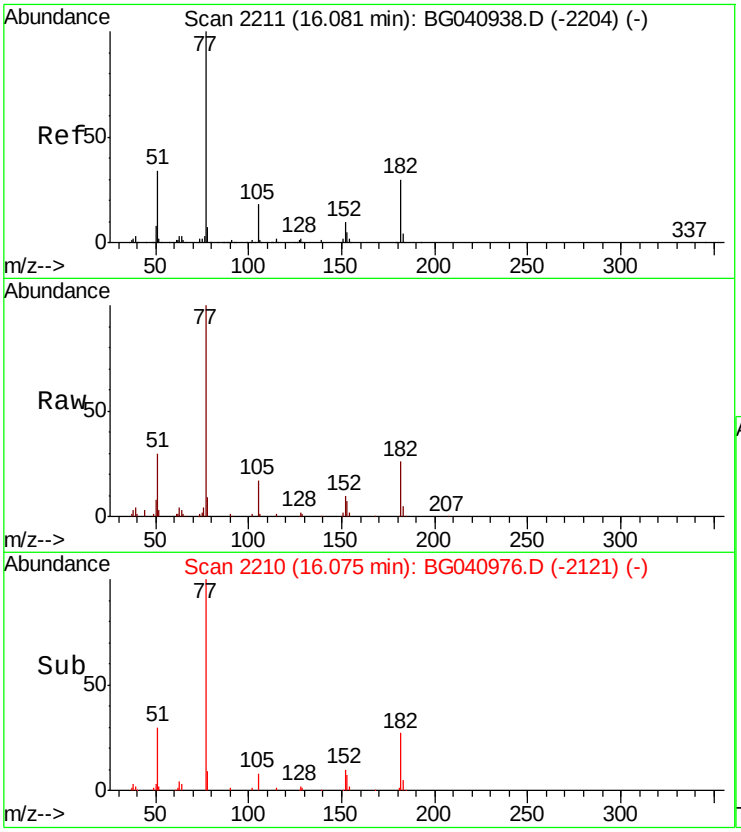


#62
4-Nitroaniline
Concen: 4.778 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:138 Resp: 13771

Ion	Ratio	Lower	Upper
138	100		
92	53.3	42.4	82.4
108	99.6	96.9	136.9



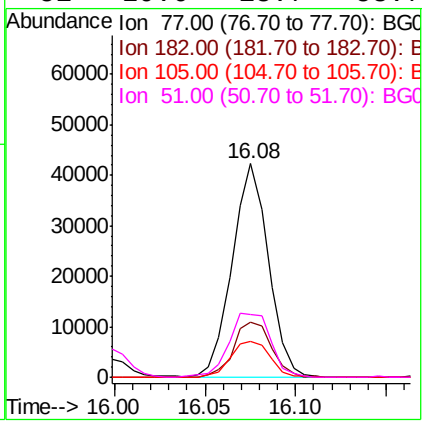


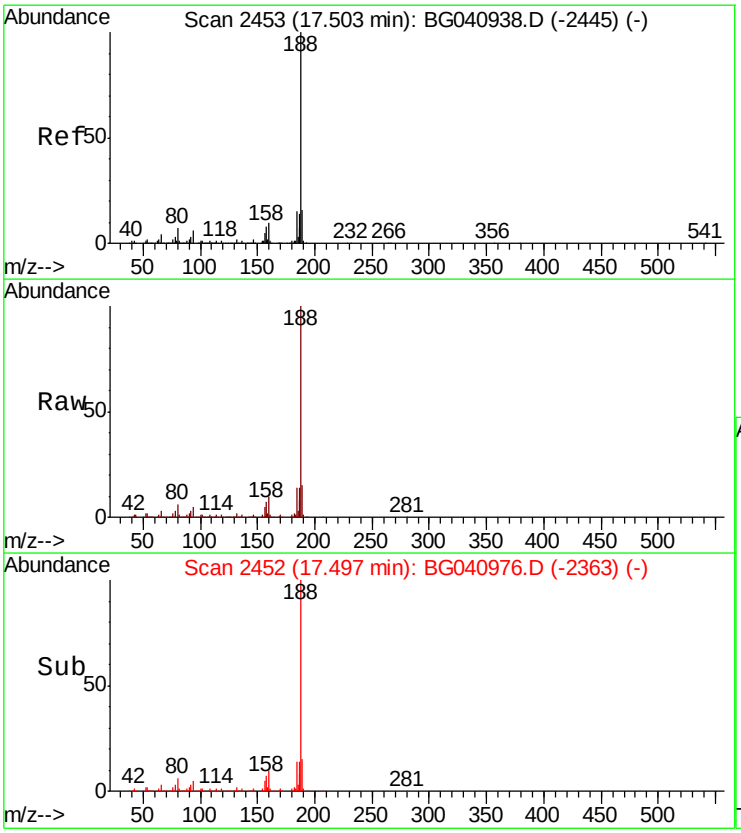
#63
Azobenzene
Concen: 5.032 ng
RT: 16.08 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion: 77 Resp: 58933

Ion	Ratio	Lower	Upper
77	100		
182	25.8	9.6	49.6
105	16.7	0.0	37.5
51	29.6	13.7	53.7

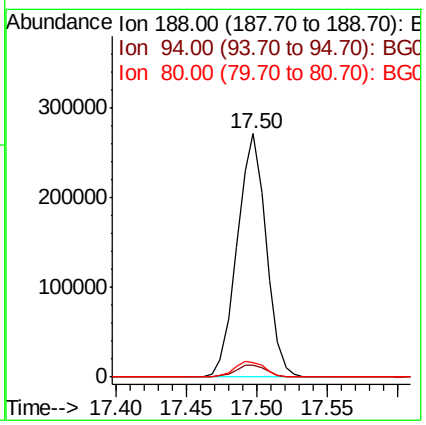


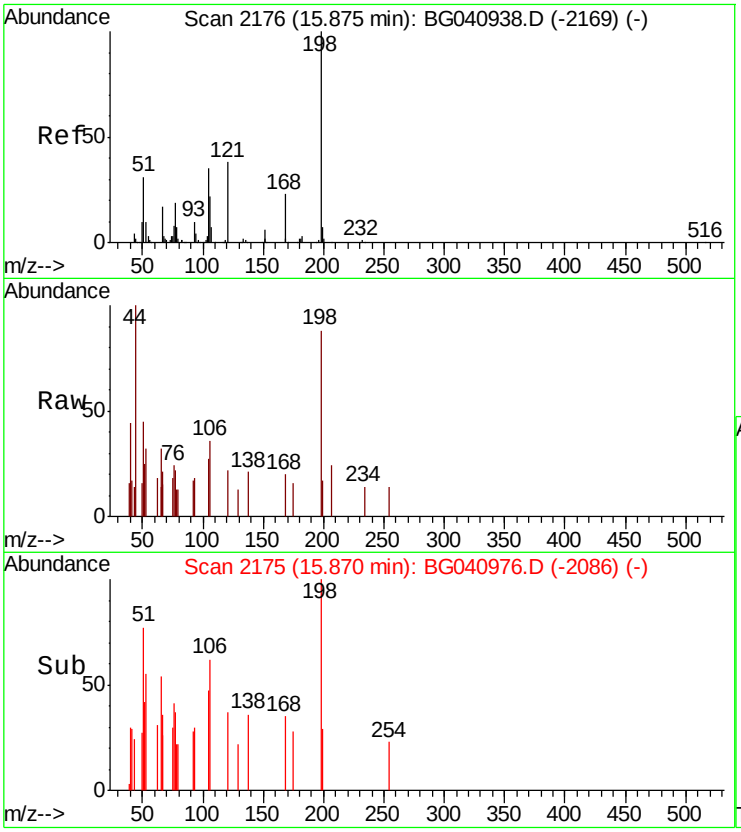


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.50 min Scan# 2452
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:188 Resp: 387957

Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.7	7.1
80	6.2	5.8	8.8



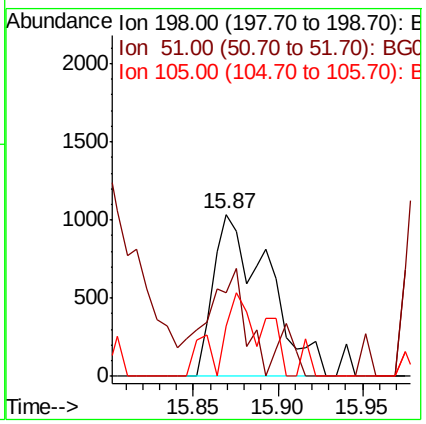


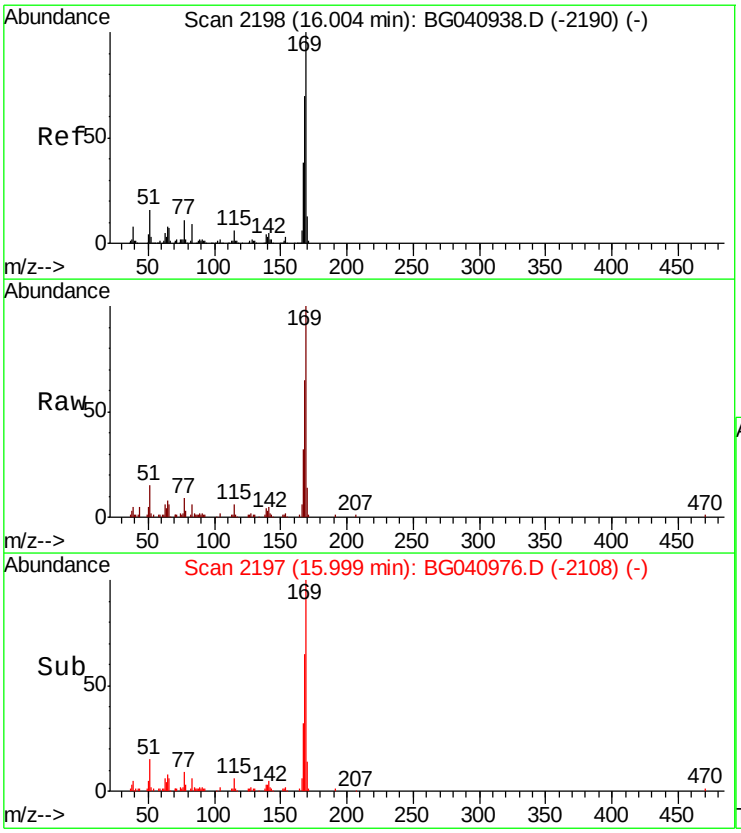
#65
4,6-Dinitro-2-methylphenol
Concen: 9.516 ng
RT: 15.87 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:198 Resp: 2346

Ion	Ratio	Lower	Upper
198	100		
51	51.7	21.6	61.6
105	31.2	17.5	57.5

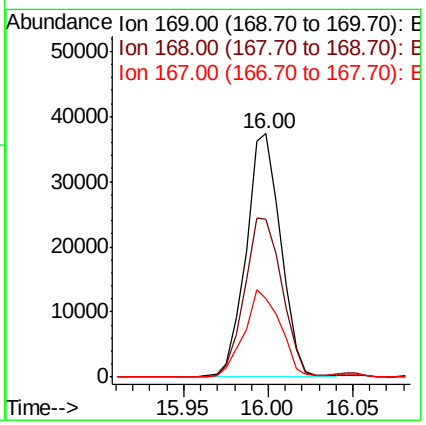


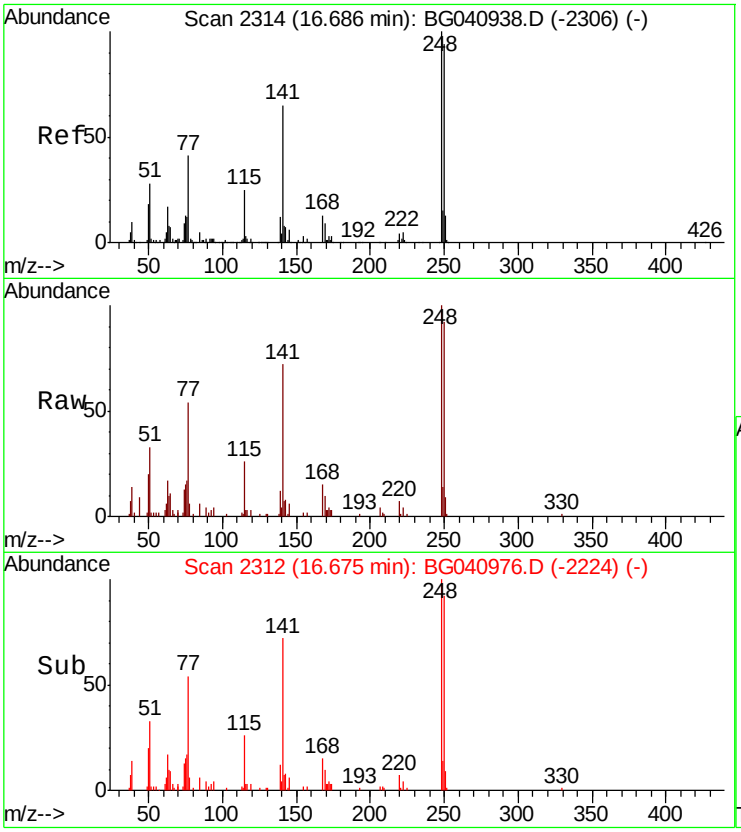


#66
n-Nitrosodiphenylamine
Concen: 4.901 ng
RT: 16.00 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:169 Resp: 53453

Ion	Ratio	Lower	Upper
169	100		
168	64.7	55.7	83.5
167	32.3	30.2	45.2



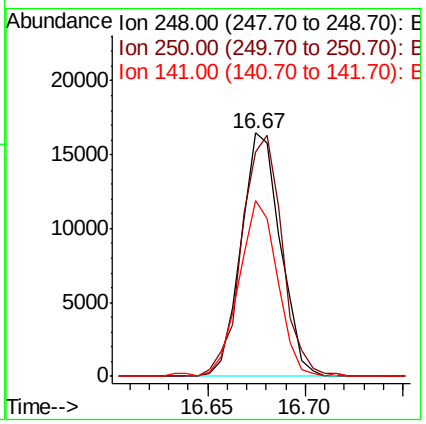


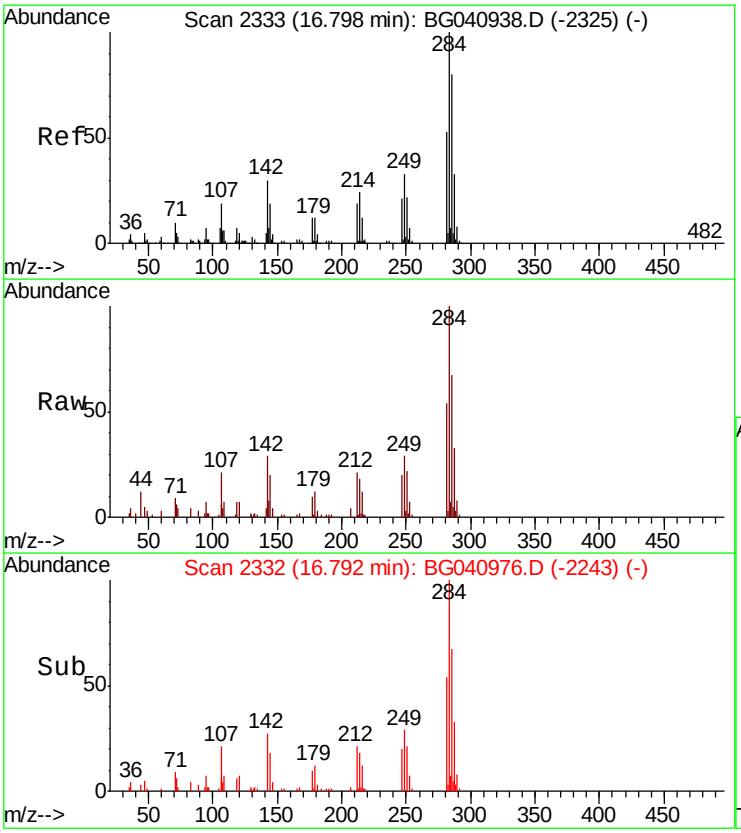
#67
4-Bromophenyl-phenylether
Concen: 4.383 ng
RT: 16.67 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:248 Resp: 22950

Ion	Ratio	Lower	Upper
248	100		
250	92.1	75.0	112.4
141	72.2	52.4	78.6

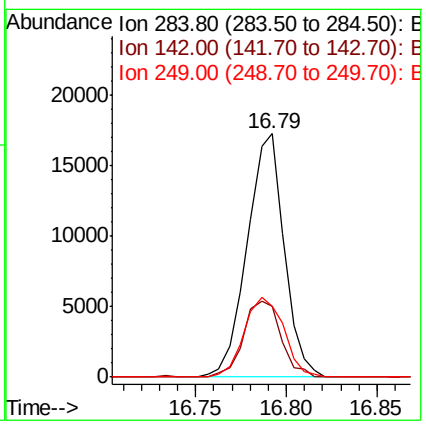


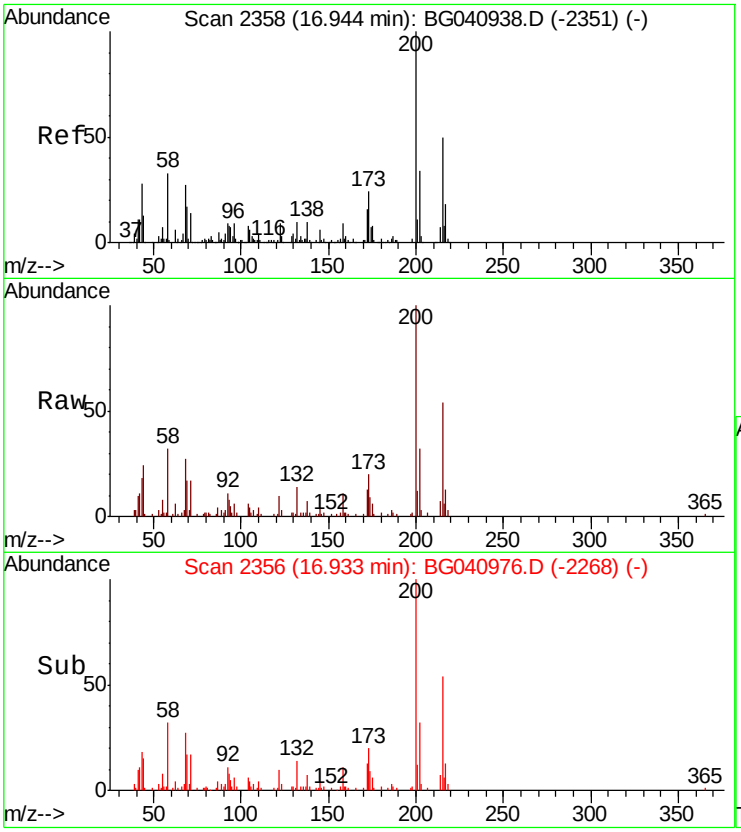


#68
Hexachlorobenzene
Concen: 4.381 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:284 Resp: 24422

Ion	Ratio	Lower	Upper
284	100		
142	29.1	23.9	35.9
249	32.6	26.8	40.2



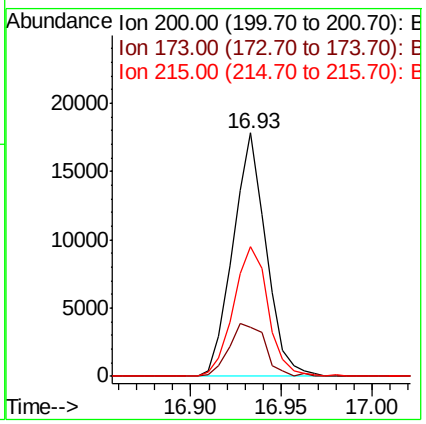


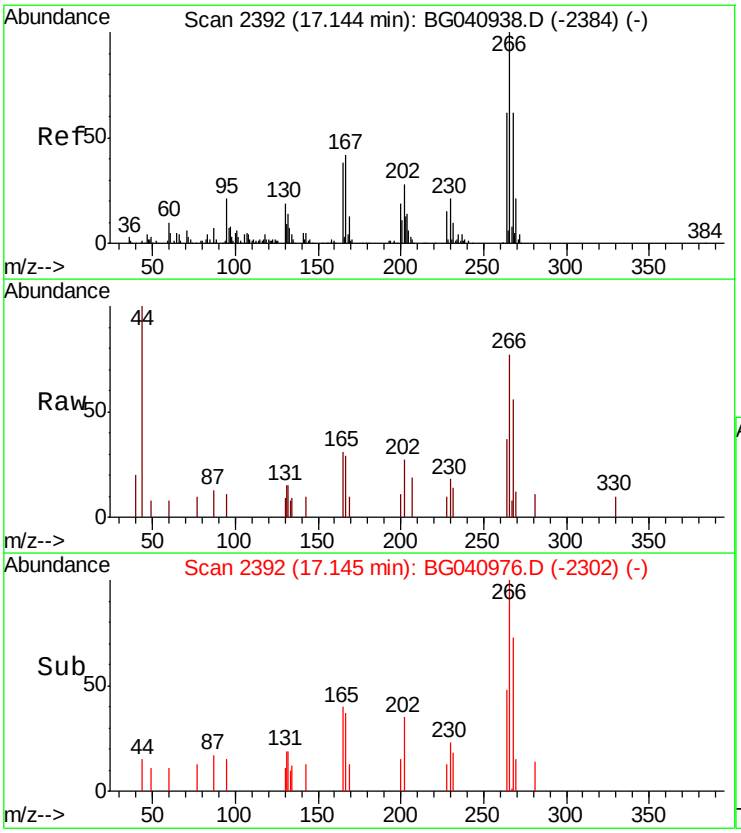
#69
Atrazine
Concen: 5.385 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:200 Resp: 22662

Ion	Ratio	Lower	Upper
200	100		
173	20.3	3.6	43.6
215	53.5	29.6	69.6

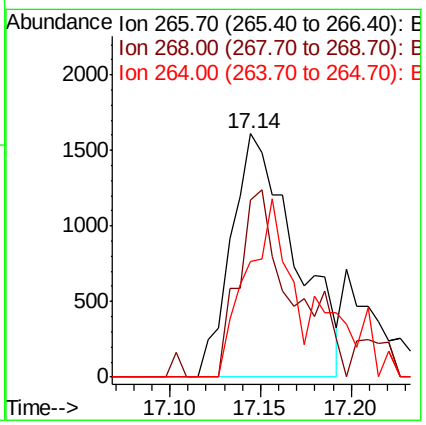


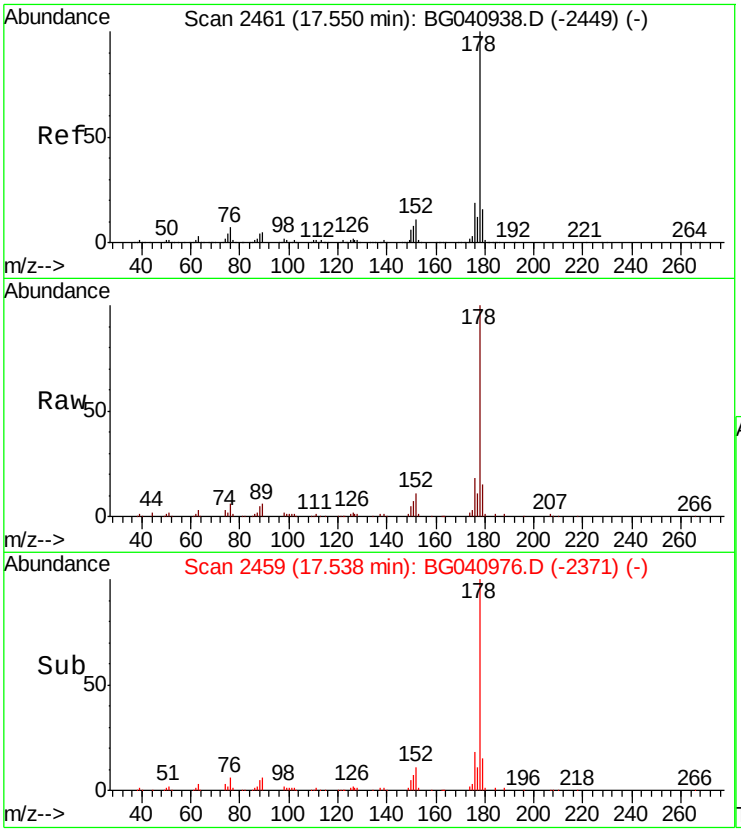


#70
Pentachlorophenol
Concen: 5.504 ng
RT: 17.14 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:266 Resp: 3938

Ion	Ratio	Lower	Upper
266	100		
268	72.9	53.1	79.7
264	47.7	49.9	74.9#



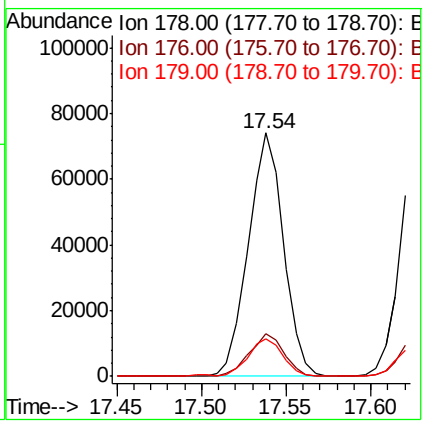


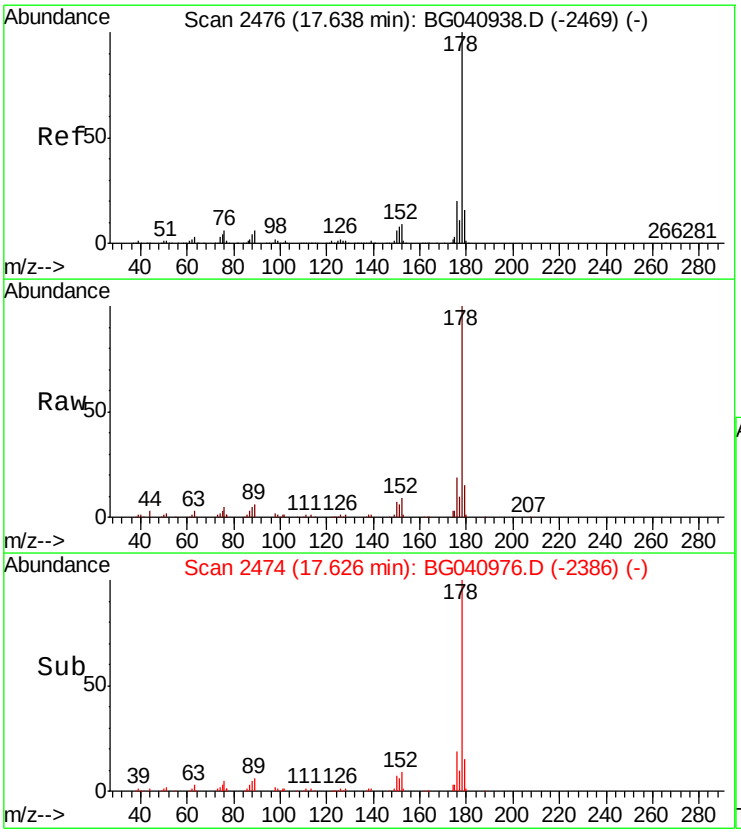
#71
Phenanthrene
Concen: 5.297 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:178 Resp: 107044

Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.5	23.3
179	15.2	12.7	19.1

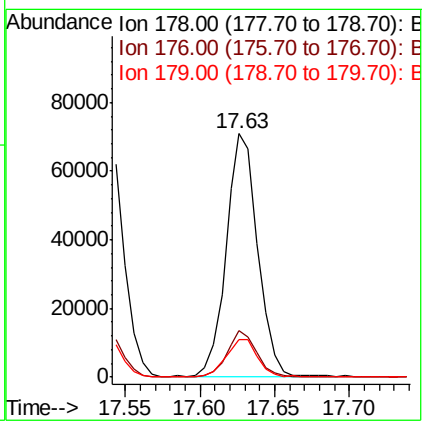


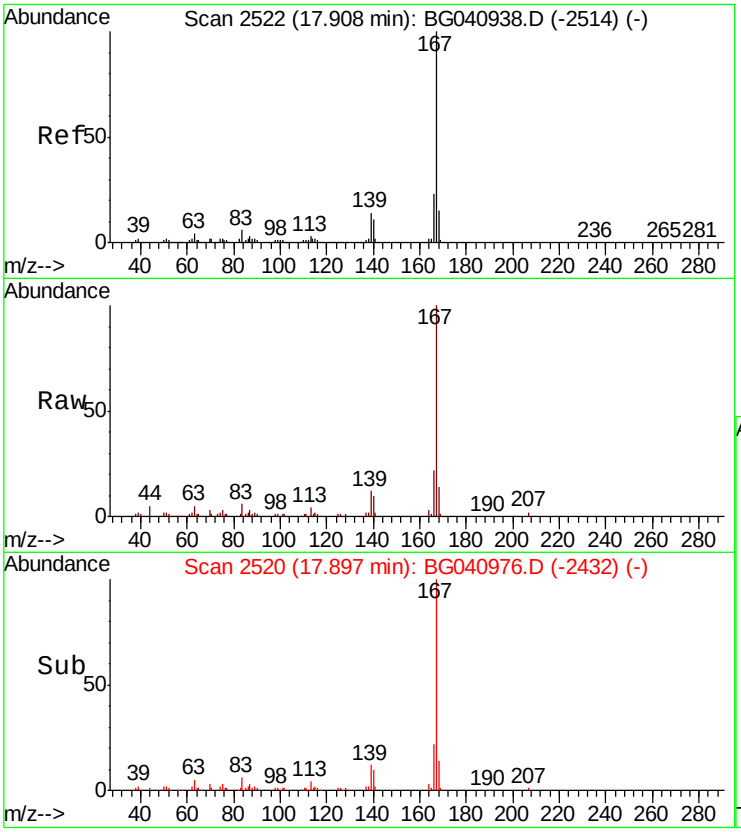


#72
Anthracene
Concen: 5.267 ng
RT: 17.63 min Scan# 2474
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:178 Resp: 104978

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.3	13.0	19.4



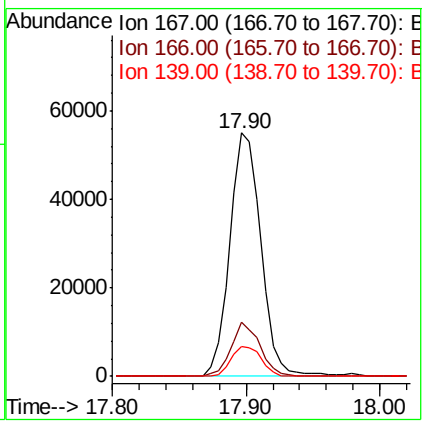


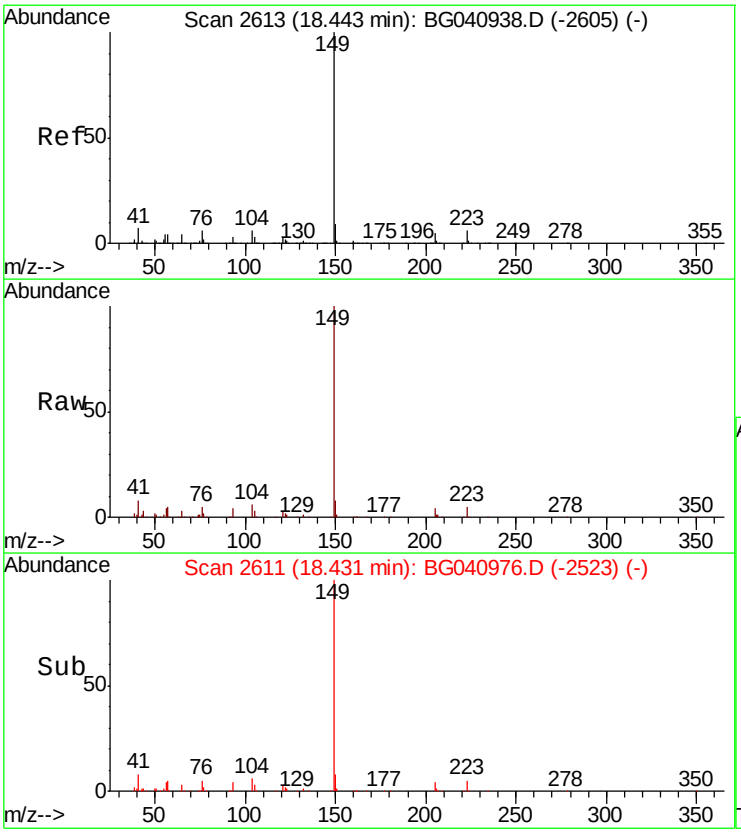
#73
Carbazole
Concen: 5.229 ng
RT: 17.90 min Scan# 2520
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:167 Resp: 89429

Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.4
139	12.4	10.8	16.2

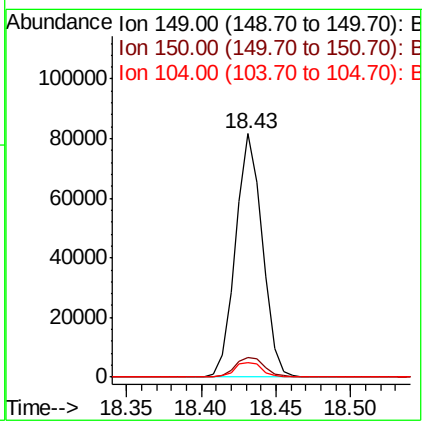


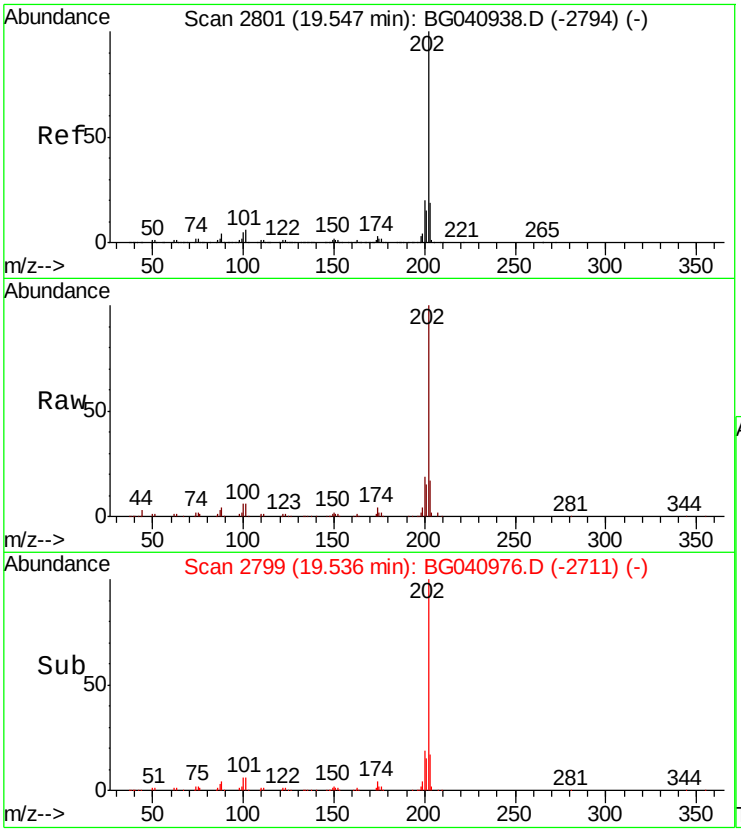


#74
Di-n-butylphthalate
Concen: 4.806 ng
RT: 18.43 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:149 Resp: 102158

Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.4	11.2
104	6.2	5.0	7.4



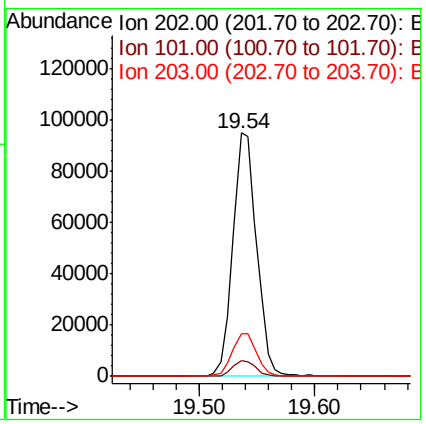


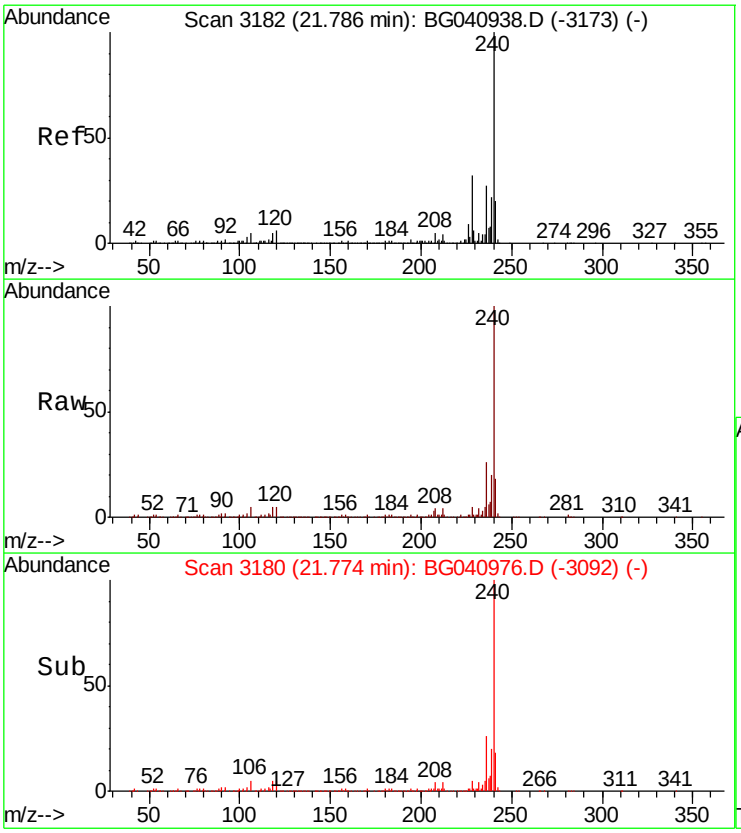
#75
Fluoranthene
Concen: 5.413 ng
RT: 19.54 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:202 Resp: 135109

Ion	Ratio	Lower	Upper
202	100		
101	6.3	0.0	26.2
203	17.3	0.0	38.7

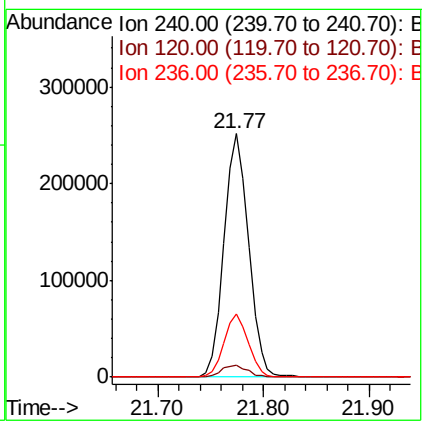


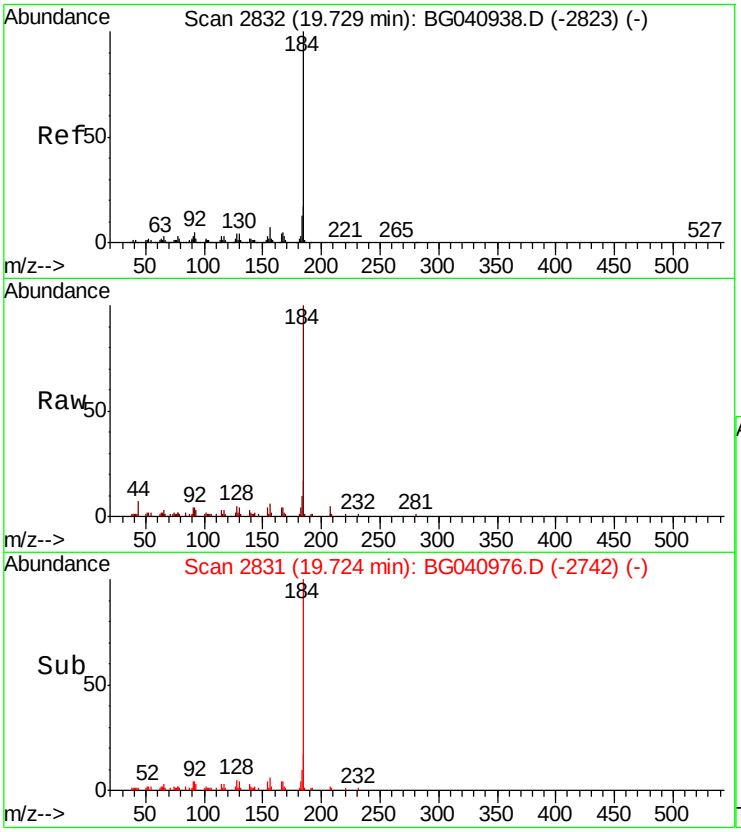


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:240 Resp: 404200

Ion	Ratio	Lower	Upper
240	100		
120	4.7	4.5	6.7
236	25.9	21.3	31.9



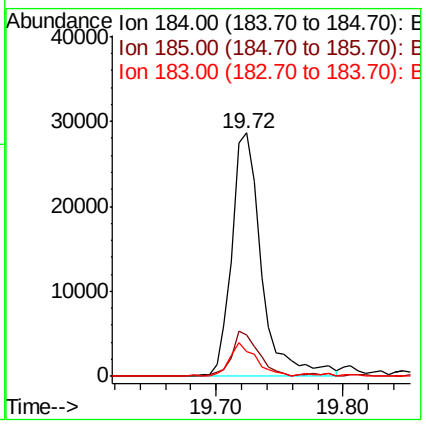


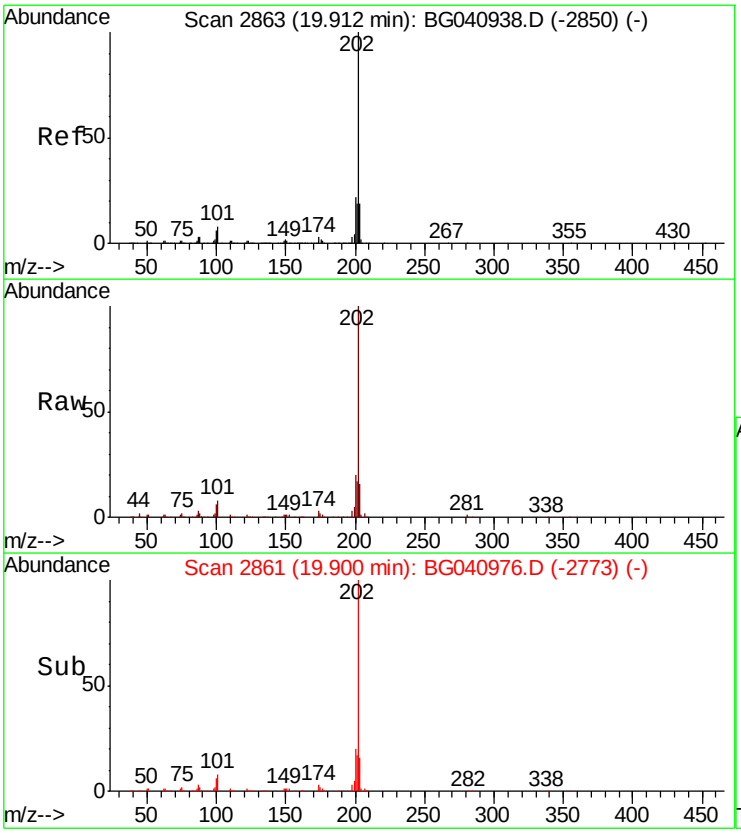
#77
Benzidine
Concen: 4.805 ng
RT: 19.72 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:184 Resp: 46336

Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.3	19.9
183	10.0	10.7	16.1#

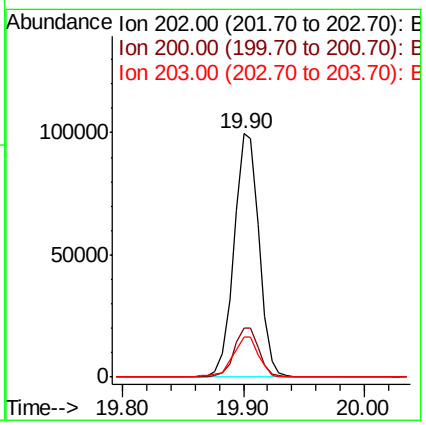


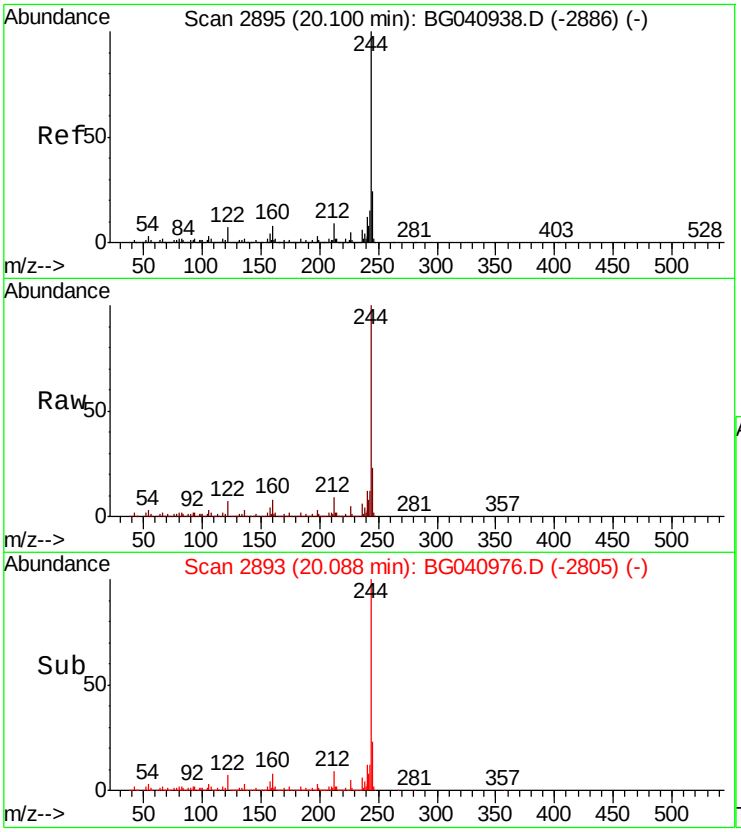


#78
Pyrene
Concen: 5.466 ng
RT: 19.90 min Scan# 2861
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:202 Resp: 143635

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.5	26.3
203	16.4	15.6	23.4



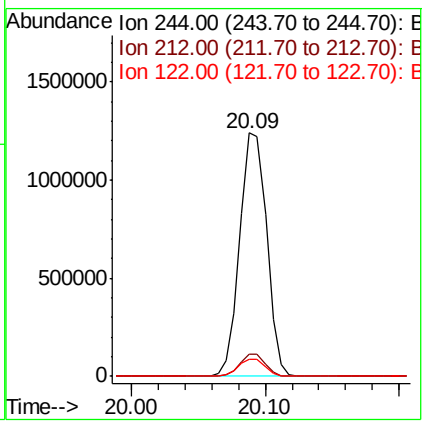


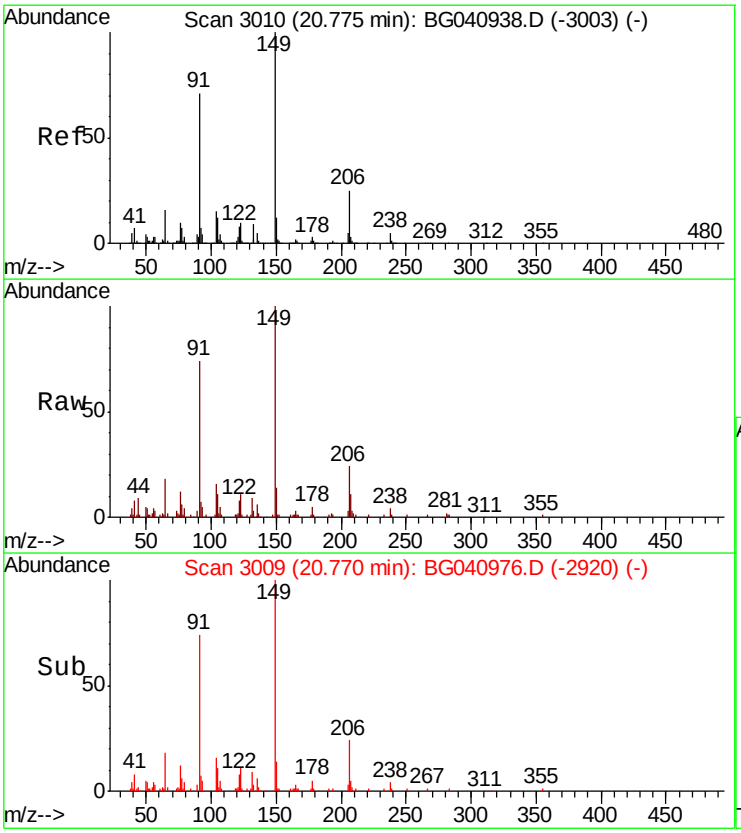
#79
Terphenyl-d14
Concen: 90.854 ng
RT: 20.09 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:244 Resp: 1730321

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.4
122	7.3	5.4	8.0

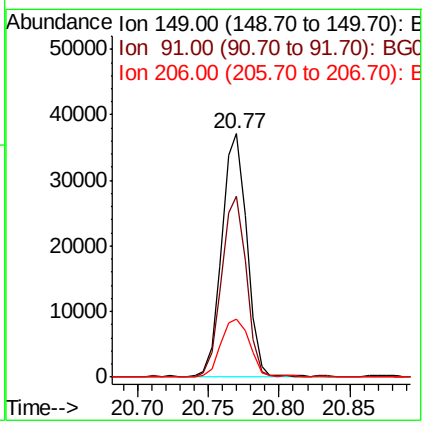


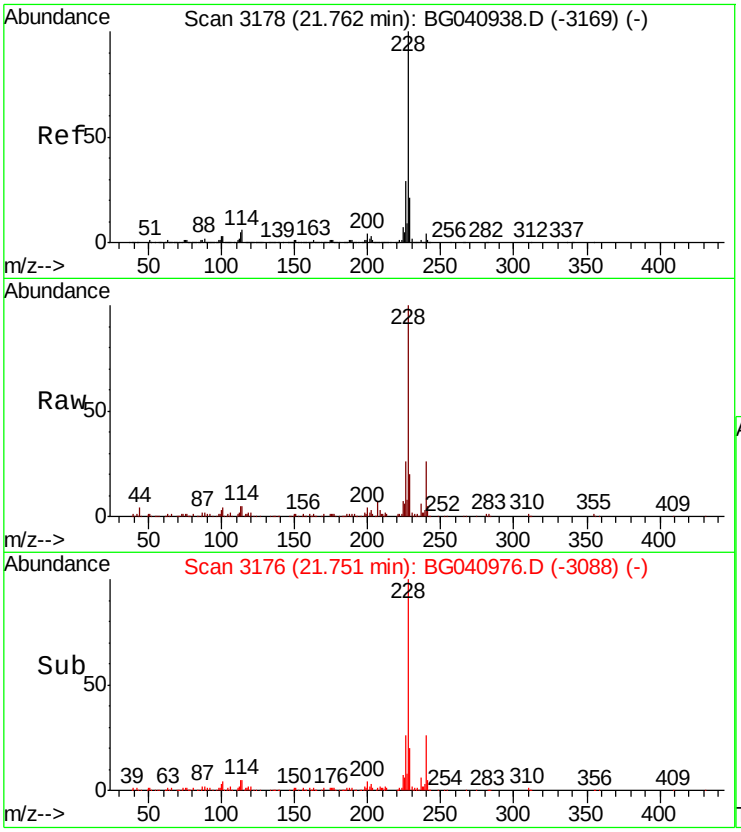


#80
Butylbenzylphthalate
Concen: 4.483 ng
RT: 20.77 min Scan# 3009
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:149 Resp: 45842

Ion	Ratio	Lower	Upper
149	100		
91	74.1	56.5	84.7
206	23.9	20.3	30.5



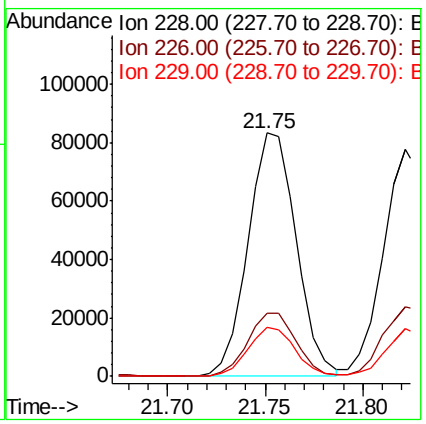


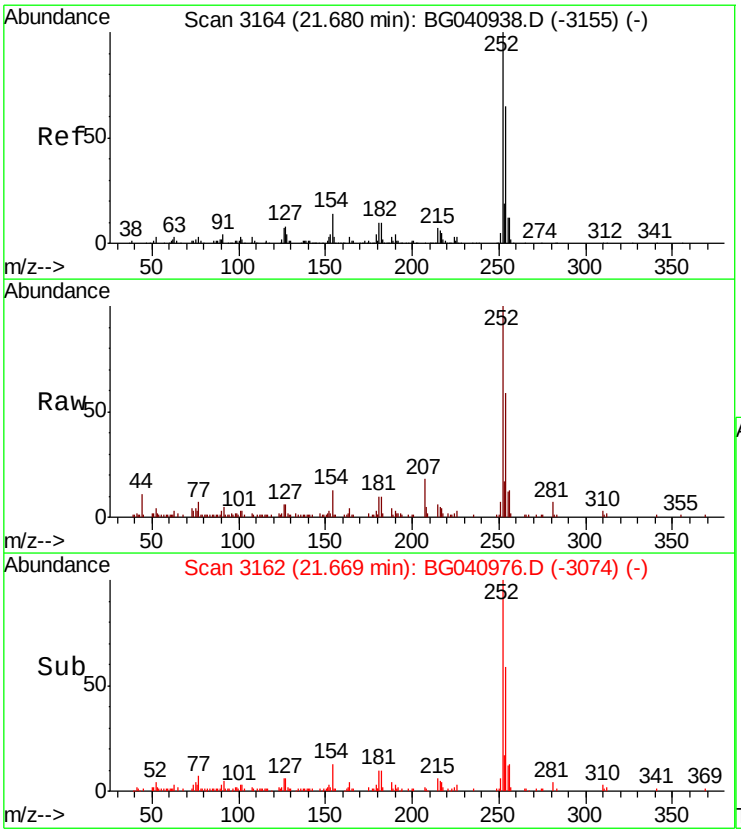
#81
Benzo(a)anthracene
Concen: 5.280 ng
RT: 21.75 min Scan# 3176
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:228 Resp: 142070

Ion	Ratio	Lower	Upper
228	100		
226	26.1	23.5	35.3
229	20.2	16.7	25.1

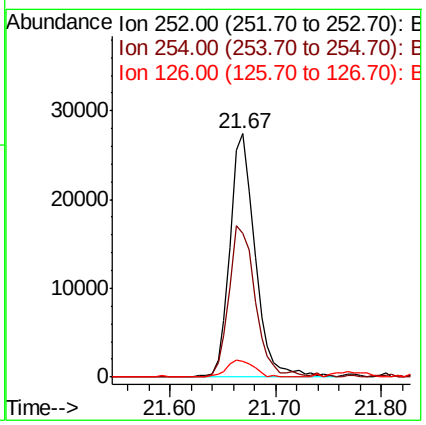


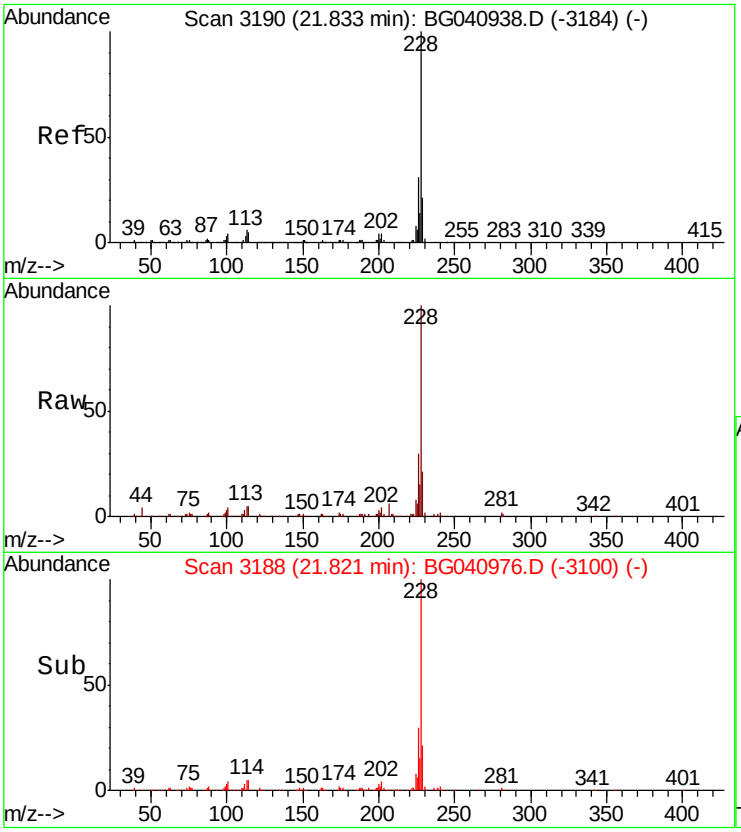


#82
3,3'-Dichlorobenzidine
Concen: 4.758 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:252 Resp: 45027

Ion	Ratio	Lower	Upper
252	100		
254	59.1	52.1	78.1
126	6.3	5.5	8.3



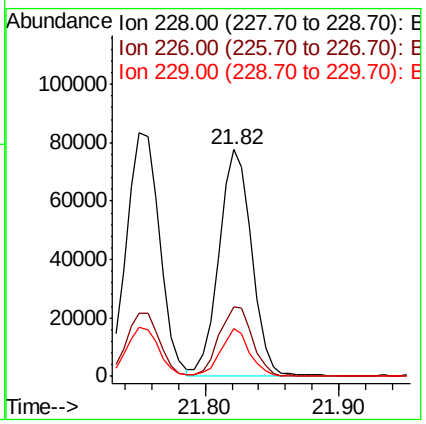


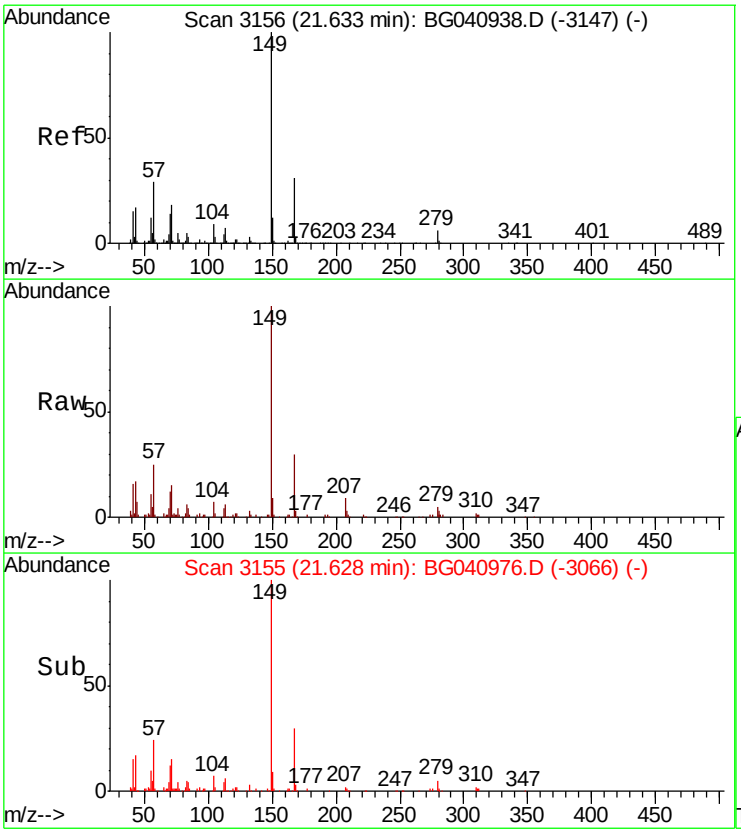
#83
Chrysene
Concen: 5.169 ng
RT: 21.82 min Scan# 3188
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:228 Resp: 133080

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.6	37.0
229	21.1	16.6	24.8

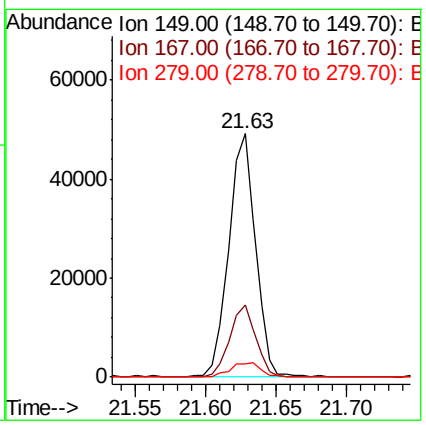


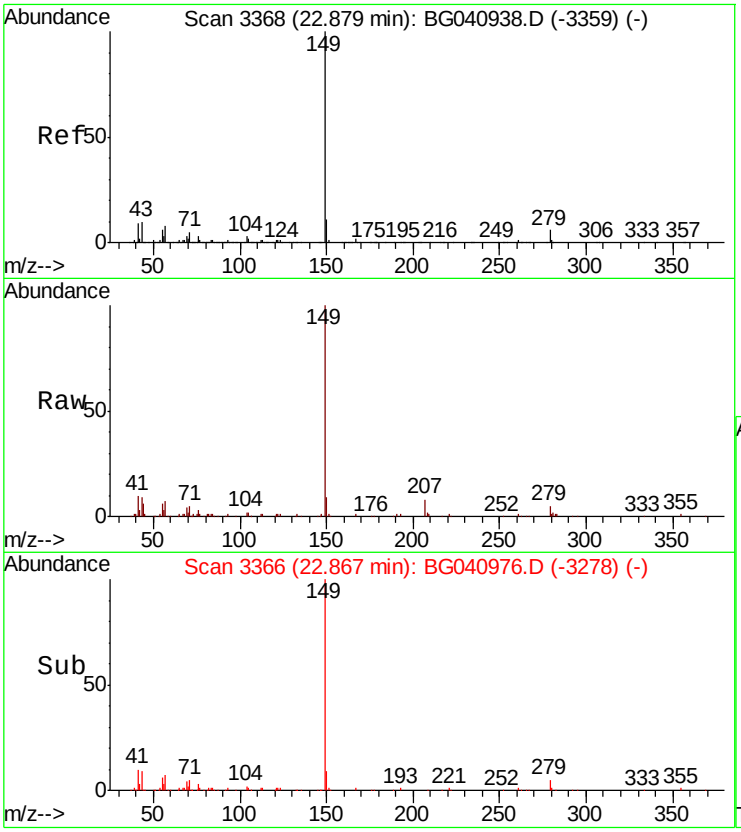


#84
Bis(2-ethylhexyl)phthalate
Concen: 4.507 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:149 Resp: 64874

Ion	Ratio	Lower	Upper
149	100		
167	29.7	24.6	37.0
279	5.4	5.0	7.6



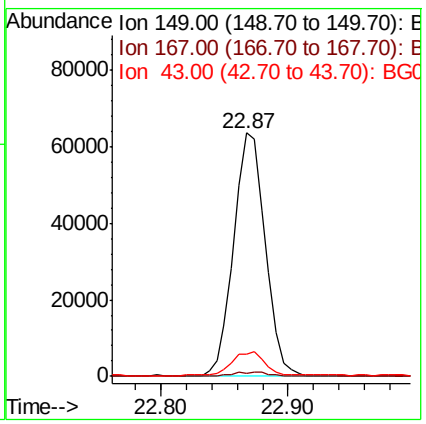


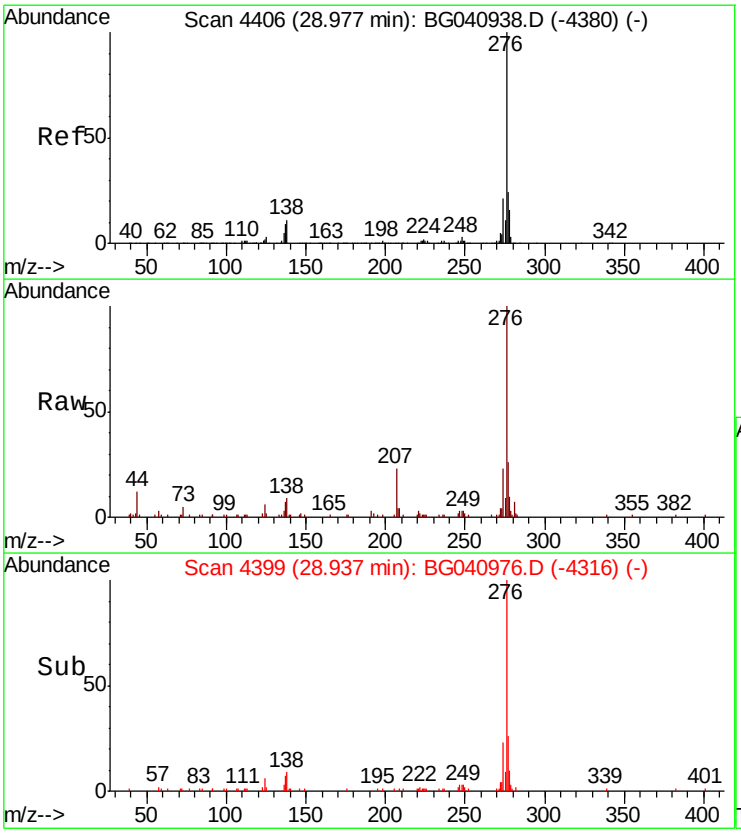
#85
Di-n-octyl phthalate
Concen: 4.586 ng
RT: 22.87 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:149 Resp: 109941

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.0	8.1	12.1

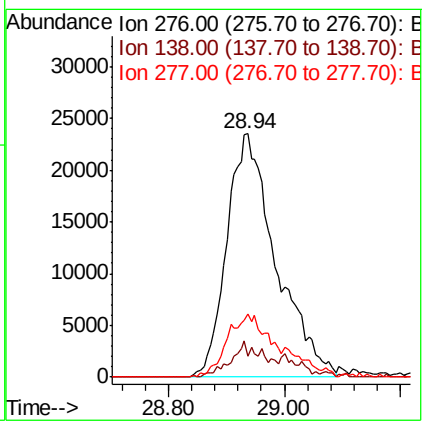


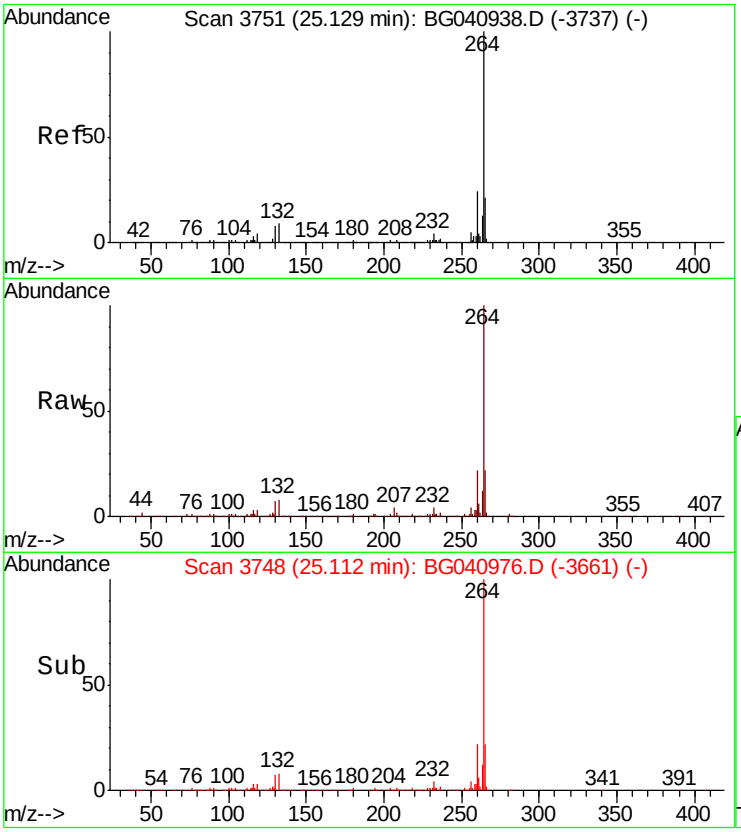


#86
Indeno(1,2,3-cd)pyrene
Concen: 4.402 ng
RT: 28.94 min Scan# 4399
Delta R.T. -0.04 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:276 Resp: 138850

Ion	Ratio	Lower	Upper
276	100		
138	6.8	5.7	8.5
277	21.5	20.8	31.2



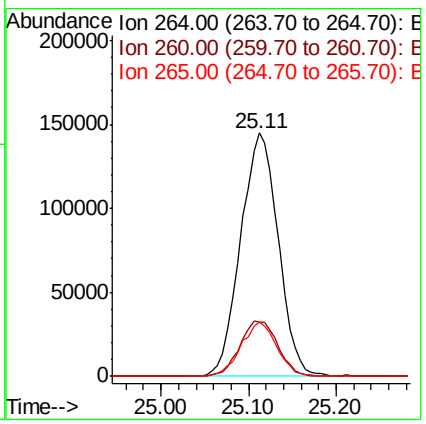


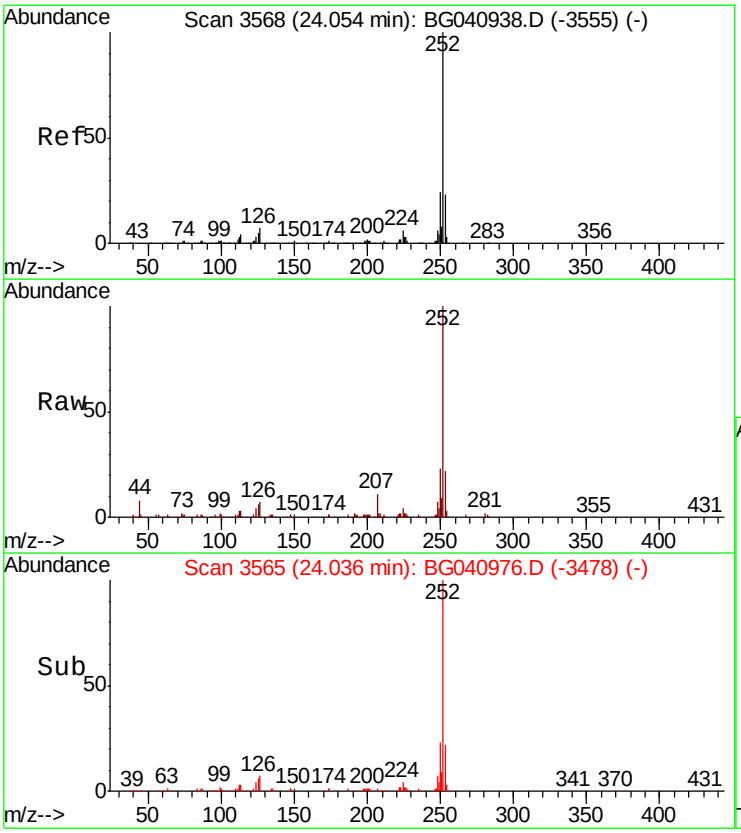
#87
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3748
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:264 Resp: 423643

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	22.2	17.0	25.4

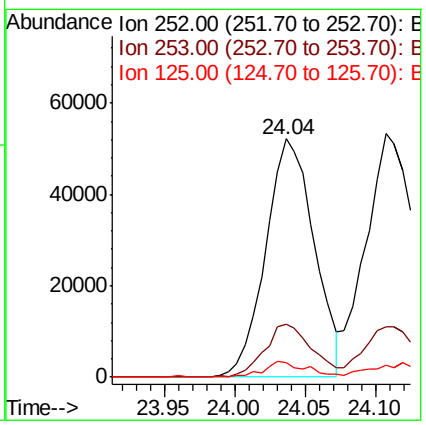


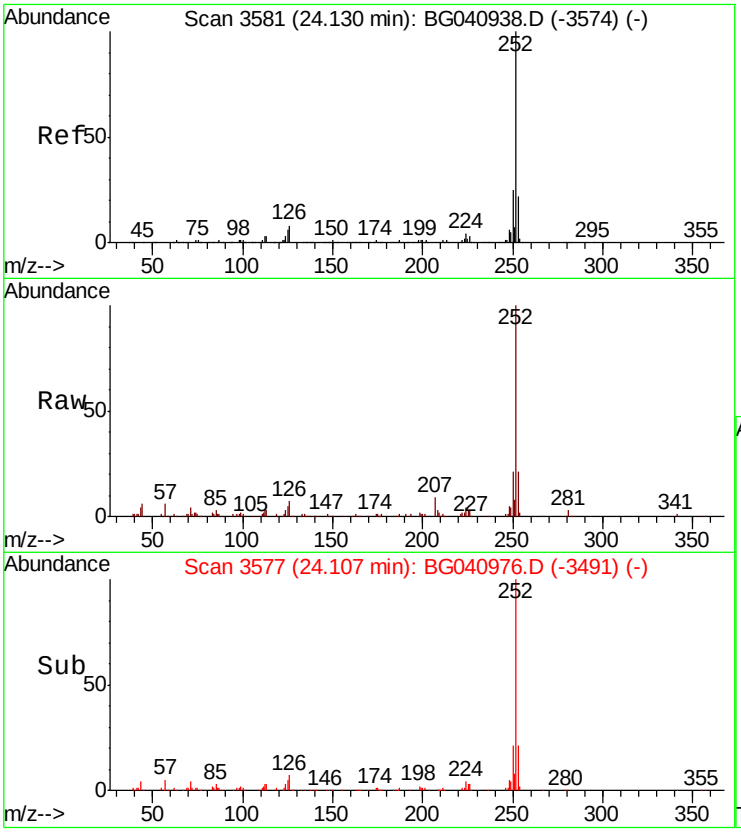


#88
Benzo(b)fluoranthene
Concen: 4.871 ng
RT: 24.04 min Scan# 3565
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:252 Resp: 125153

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	6.1	4.3	6.5



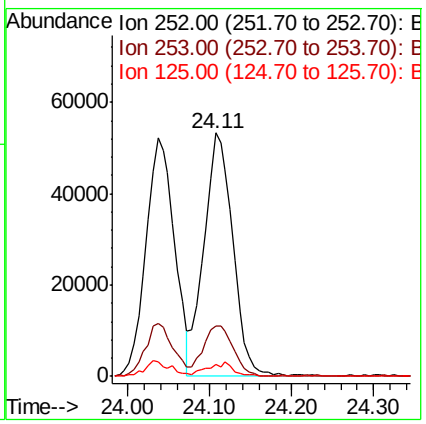


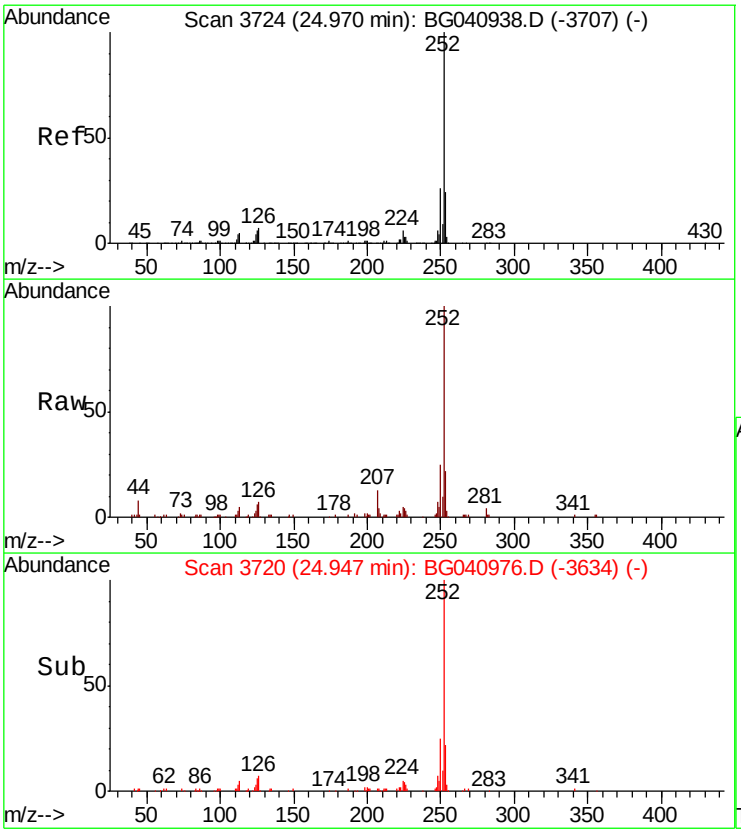
#89
Benzo(k)fluoranthene
Concen: 5.159 ng
RT: 24.11 min Scan# 3577
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:252 Resp: 131167

Ion	Ratio	Lower	Upper
252	100		
253	20.6	17.8	26.6
125	5.0	4.7	7.1

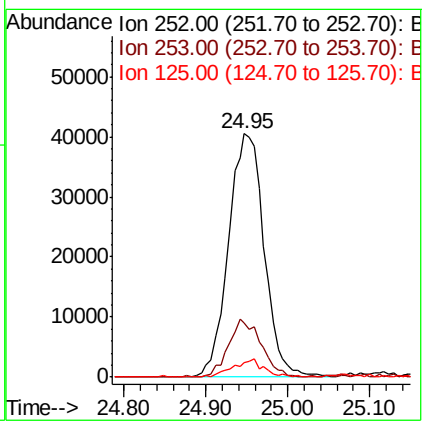


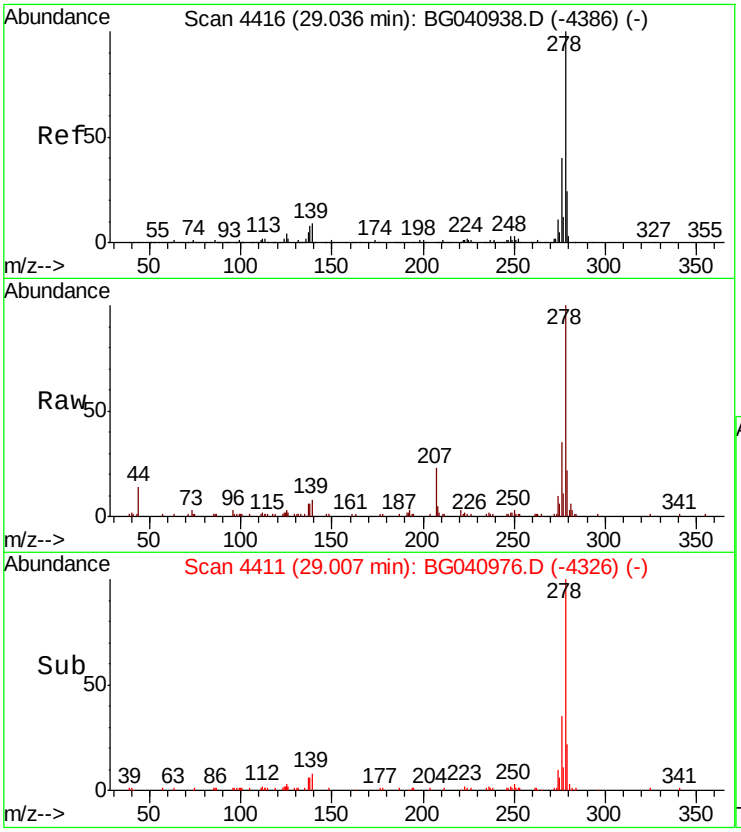


#90
Benzo(a)pyrene
Concen: 4.999 ng
RT: 24.95 min Scan# 3720
Delta R.T. -0.02 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:252 Resp: 122540

Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.5	29.3
125	6.0	5.1	7.7



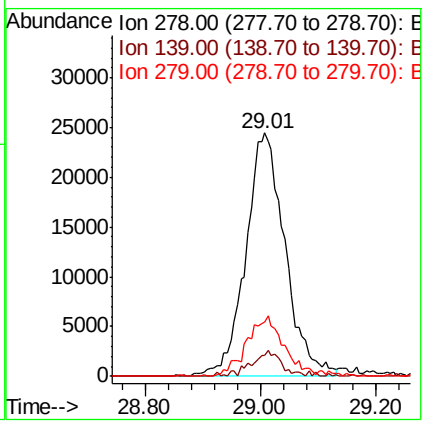


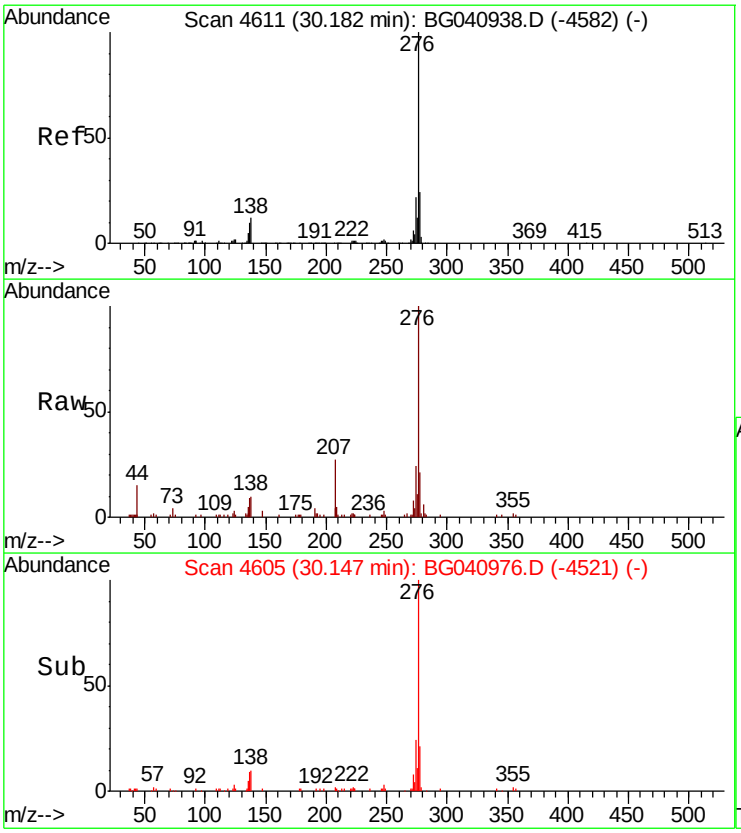
#91
Dibenzo(a,h)anthracene
Concen: 4.733 ng
RT: 29.01 min Scan# 4411
Delta R.T. -0.03 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Tgt Ion:278 Resp: 115947

Ion	Ratio	Lower	Upper
278	100		
139	8.3	7.1	10.7
279	22.3	19.4	29.2





#92
Benzo(g,h,i)perylene
Concen: 4.935 ng
RT: 30.15 min Scan# 4605
Delta R.T. -0.03 min
Lab File: BG040976.D
Acq: 31 May 2019 13:25

Tgt Ion:276 Resp: 117450

Ion	Ratio	Lower	Upper
276	100		
277	21.1	19.4	29.0
138	9.9	9.7	14.5