Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
Data File : BM017184.D
Acq On : 18 Oct 2018 09:46
Operator : MJ/SJ
Sample : J5164-01
Misc : LOD 2 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 18 13:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	163612	20.00	ng		0.00
21) Naphthalene-d8	10.45	136	686365	20.00	ng		0.00
39) Acenaphthene-d10	14.31	164	391138	20.00	ng		0.00
64) Phenanthrene-d10	17.06	188	915113	20.00	ng		-0.01
76) Chrysene-d12	21.25	240	1062635	20.00	ng		-0.01
87) Perylene-d12	23.46	264	1082718	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	1540033	159.20	ng		0.00
7) Phenol-d6	6.85	99	2010217	152.58	ng		0.00
23) Nitrobenzene-d5	8.82	82	1195733	101.89	ng		-0.01
42) 2,4,6-Tribromophenol	15.80	330	884038	167.13	ng		-0.01
45) 2-Fluorobiphenyl	12.93	172	2863033	97.39	ng		0.00
79) Terphenyl-d14	19.70	244	4559035	96.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	10076	2.040	ng	#	85
3) Pyridine	3.66	79	24597	2.164	ng	#	87
4) n-Nitrosodimethylamine	3.57	42	10708	2.347	ng	#	60
6) Aniline	7.01	93	23305	1.414	ng		97
8) 2-Chlorophenol	7.23	128	25381	2.268	ng		87
9) Benzaldehyde	6.83	77	21584	2.569	ng		97
10) Phenol	6.87	94	31232	2.203	ng		90
11) bis(2-Chloroethyl)ether	7.11	93	22889	2.025	ng		94
12) 1,3-Dichlorobenzene	7.56	146	28111	2.155	ng	#	95
13) 1,4-Dichlorobenzene	7.70	146	29491	2.213	ng		99
14) 1,2-Dichlorobenzene	8.02	146	27925	2.175	ng		92
15) Benzyl Alcohol	7.92	79	19066	1.980	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	33233	2.104	ng		93
17) 2-Methylphenol	8.12	107	18289	2.010	ng		92
18) Hexachloroethane	8.73	117	9948	2.181	ng		95
19) n-Nitroso-di-n-propylamine	8.47	70	16844	1.942	ng	#	96
20) 3+4-Methylphenols	8.44	107	24876	1.998	ng		95
22) Acetophenone	8.49	105	36074	2.073	ng	#	96
24) Nitrobenzene	8.86	77	30029	2.419	ng		94
25) Isophorone	9.39	82	43899	2.265	ng		97
26) 2-Nitrophenol	9.57	139	9119	7.086	ng		95
27) 2,4-Dimethylphenol	9.63	122	20207	2.358	ng		97
28) bis(2-Chloroethoxy)methane	9.87	93	29119	2.135	ng		98
29) 2,4-Dichlorophenol	10.10	162	18001	1.809	ng		99
30) 1,2,4-Trichlorobenzene	10.31	180	25948	2.174	ng		96
31) Naphthalene	10.49	128	78175	2.324	ng		98
32) Benzoic acid	9.70	122	6645	1.039	ng		96
33) 4-Chloroaniline	10.62	127	20396	1.404	ng	#	91
34) Hexachlorobutadiene	10.77	225	16432	2.173	ng		97
35) Caprolactam	11.40	113	4742	1.308	ng		95
36) 4-Chloro-3-methylphenol	11.75	107	19865	1.771	ng		99
37) 2-Methylnaphthalene	12.12	142	55155	2.396	ng		95
38) 1-Methylnaphthalene	12.33	142	53089	2.370	ng	#	93
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	29077	2.111	ng		99

Quantitation Report (Not Reviewed)

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Operator : MJ/SJ
Sample : J5164-01
Misc : LOD 2 PPM
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 18 13:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	16542	2.484	ng		92
43) 2,4,6-Trichlorophenol	12.73	196	14289	1.787	ng		94
44) 2,4,5-Trichlorophenol	12.80	196	15042	1.754	ng		95
46) 1,1'-Biphenyl	13.14	154	77572	2.204	ng		96
47) 2-Chloronaphthalene	13.17	162	56923	2.198	ng		99
48) 2-Nitroaniline	13.39	65	11227	7.040	ng		90
49) Acenaphthylene	14.03	152	81597	2.174	ng		99
50) Dimethylphthalate	13.77	163	68100	2.257	ng		99
51) 2,6-Dinitrotoluene	13.89	165	10261	1.545	ng	#	85
52) Acenaphthene	14.37	154	53156	2.256	ng		96
53) 3-Nitroaniline	14.23	138	8969	1.247	ng		87
54) 2,4-Dinitrophenol	14.44	184	3747	9.089	ng		99
55) Dibenzofuran	14.71	168	87388	2.230	ng		97
56) 4-Nitrophenol	14.55	139	6468	5.645	ng		96
57) 2,4-Dinitrotoluene	14.69	165	12820	1.436	ng	#	91
58) Fluorene	15.36	166	66930	2.307	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	15013	1.921	ng	#	93
60) Diethylphthalate	15.14	149	63817	2.132	ng		99
61) 4-Chlorophenyl-phenylether	15.36	204	35529	2.148	ng		92
62) 4-Nitroaniline	15.40	138	9215	5.789	ng	#	84
63) Azobenzene	15.66	77	54585	1.877	ng		95
65) 4,6-Dinitro-2-methylphenol	15.45	198	6414	7.935	ng		90
66) n-Nitrosodiphenylamine	15.58	169	56238	2.031	ng		97
67) 4-Bromophenyl-phenylether	16.26	248	21805	2.170	ng		91
68) Hexachlorobenzene	16.36	284	26146	2.240	ng		94
69) Atrazine	16.53	200	18161	1.833	ng		88
70) Pentachlorophenol	16.72	266	9867	1.234	ng		92
71) Phenanthrene	17.10	178	116146	2.352	ng		99
72) Anthracene	17.19	178	104610	2.230	ng		100
73) Carbazole	17.47	167	88475	1.846	ng		96
74) Di-n-butylphthalate	18.04	149	90178	1.784	ng		97
75) Fluoranthene	19.12	202	126190	2.271	ng		99
77) Benzidine	19.32	184	23837	0.885	ng		95
78) Pyrene	19.49	202	129805	2.186	ng		98
80) Butylbenzylphthalate	20.40	149	36193	8.538	ng		88
81) Benzo(a)anthracene	21.24	228	139265	2.329	ng		99
82) 3,3'-Dichlorobenzidine	21.18	252	28940	1.299	ng	#	99
83) Chrysene	21.29	228	140093	2.367	ng		98
84) Bis(2-ethylhexyl)phthalate	21.18	149	52236	6.652	ng		98
85) Di-n-octyl phthalate	22.05	149	87476	6.891	ng	#	98
86) Indeno(1,2,3-cd)pyrene	25.67	276	155777	2.353	ng		98
88) Benzo(b)fluoranthene	22.80	252	143025	2.416	ng		99
89) Benzo(k)fluoranthene	22.84	252	126421	2.128	ng		96
90) Benzo(a)pyrene	23.37	252	128722	2.290	ng		98
91) Dibenzo(a,h)anthracene	25.69	278	131108	2.349	ng		98
92) Benzo(g,h,i)perylene	26.34	276	134425	2.430	ng		98

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

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

Quant Time: Oct 18 13:05:14 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
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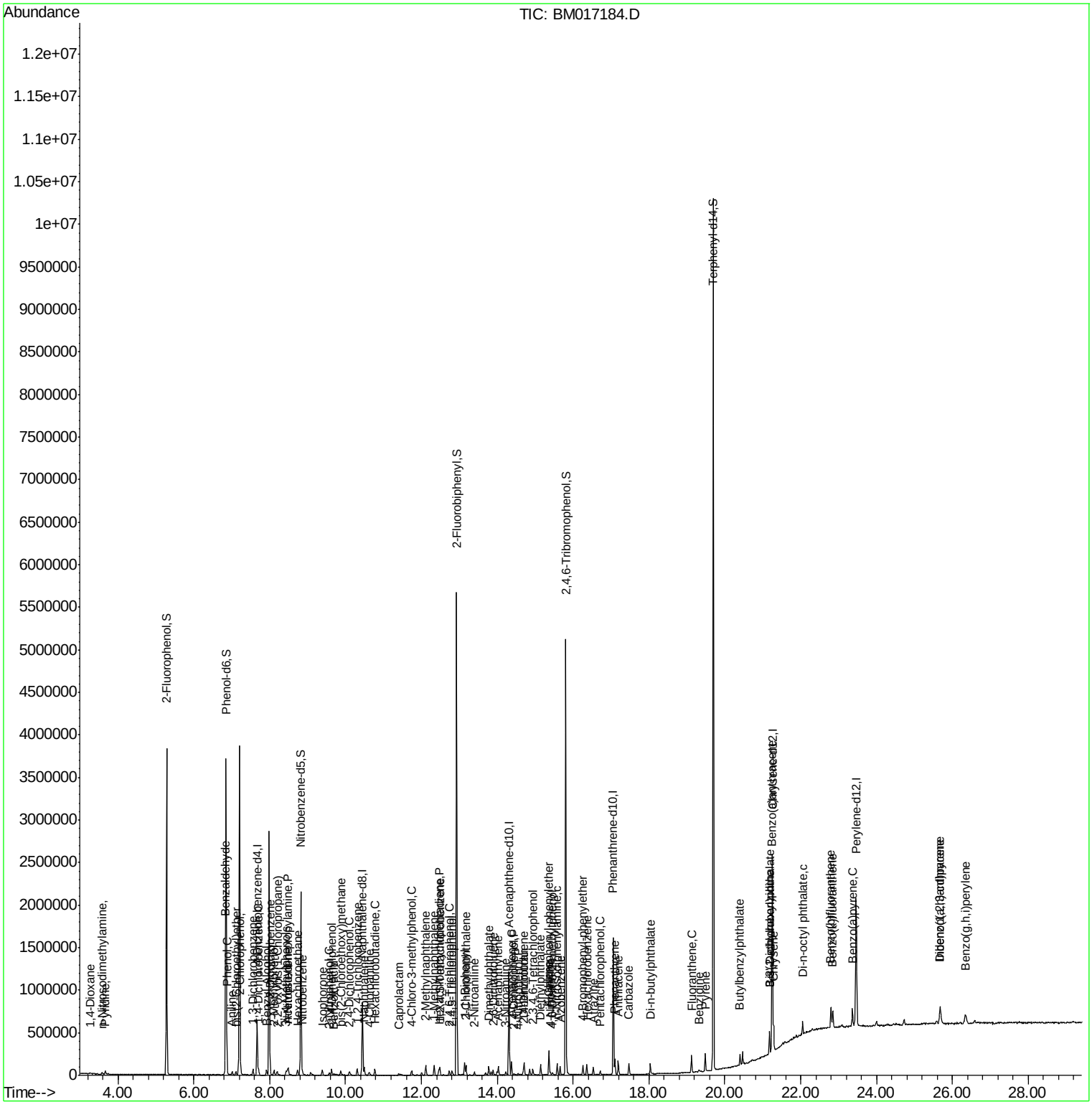
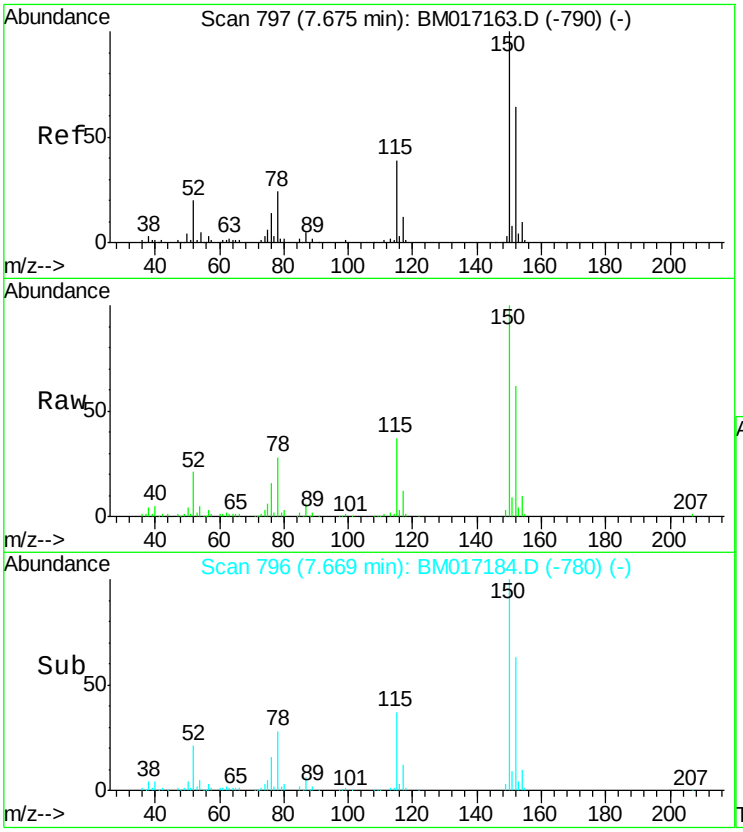


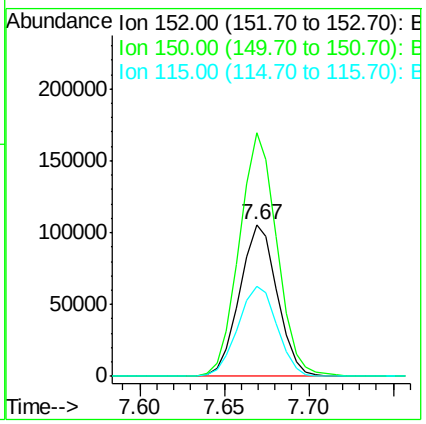


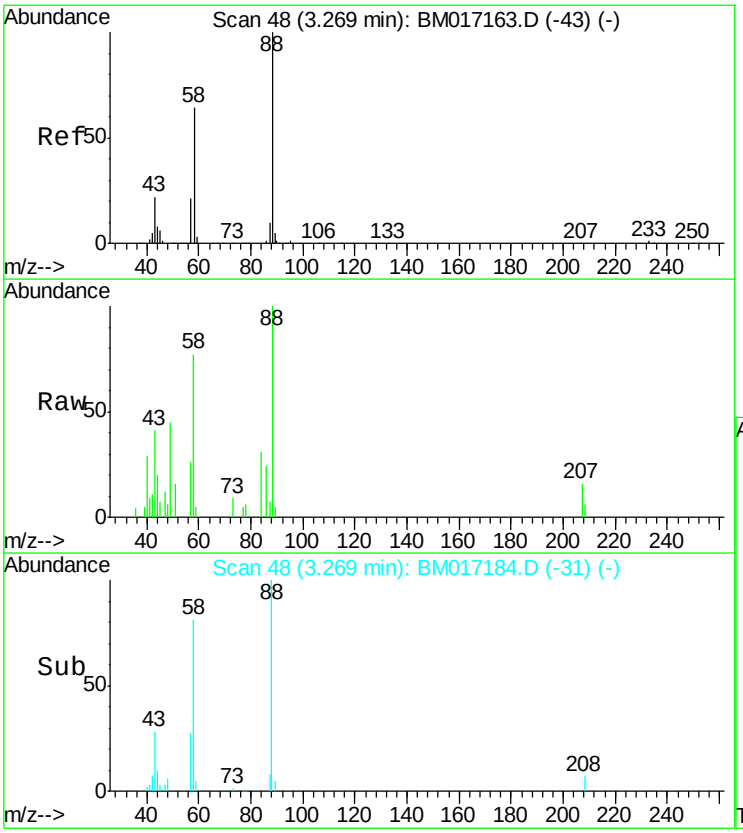
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:152 Resp: 163612

Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.3	186.5
115	59.2	48.1	72.1

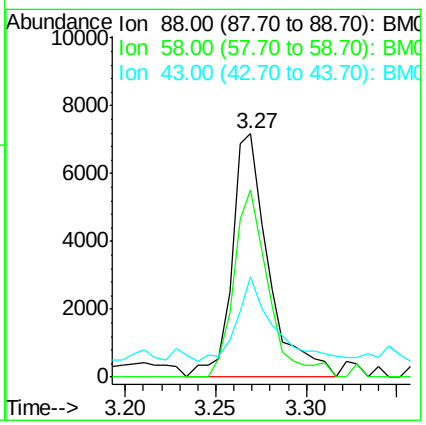


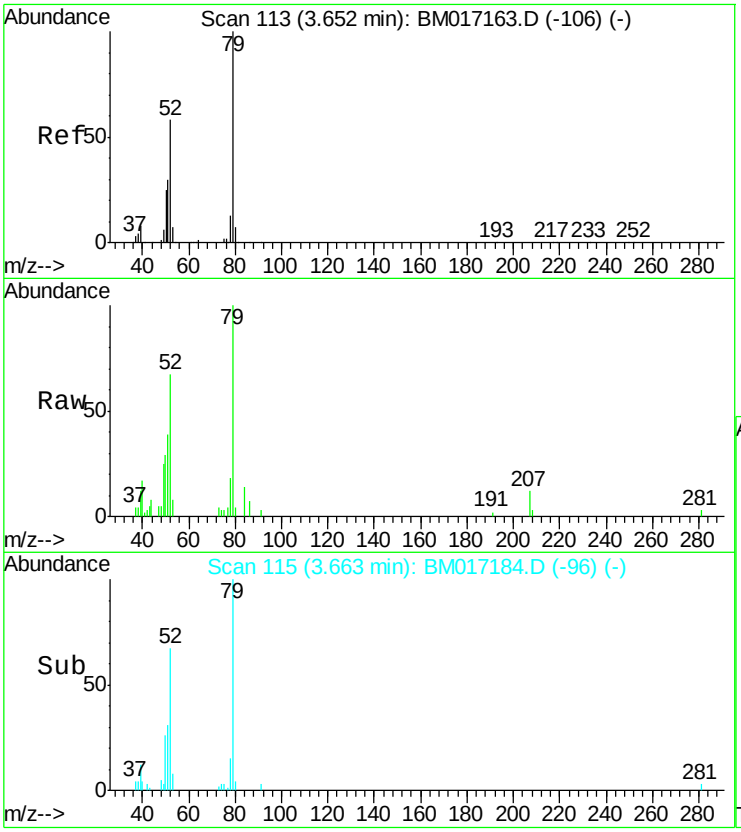


#2
1,4-Dioxane
Concen: 2.040 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 88 Resp: 10076

Ion	Ratio	Lower	Upper
88	100		
58	72.9	50.2	75.4
43	33.9	19.3	28.9#



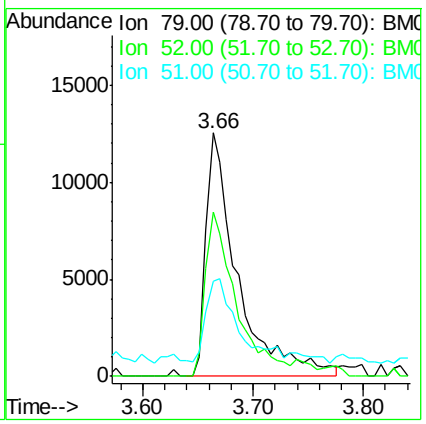


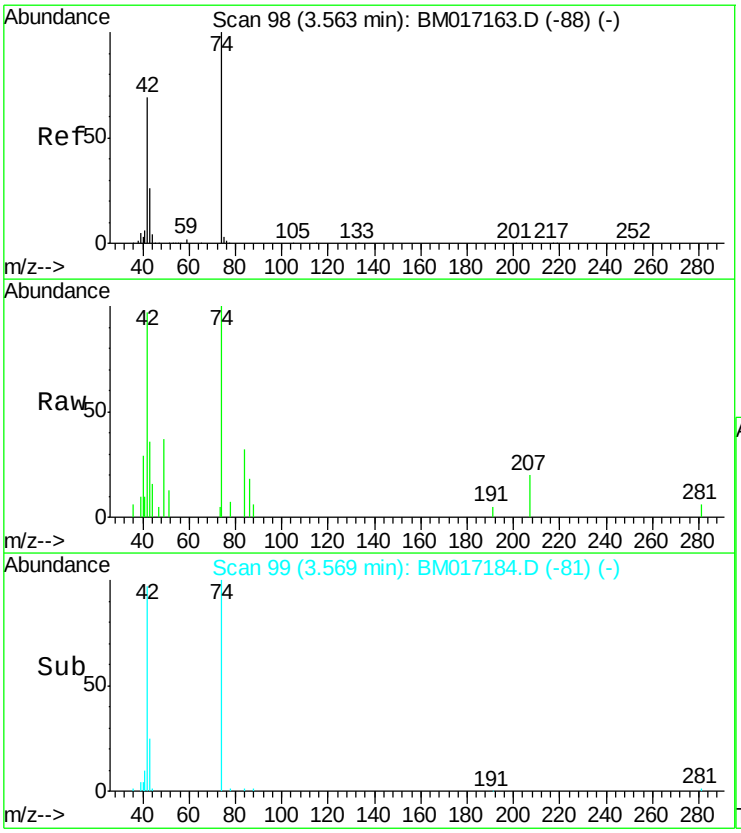
#3
Pyridine
Concen: 2.164 ng
RT: 3.66 min Scan# 115
Delta R.T. 0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 79 Resp: 24597

Ion	Ratio	Lower	Upper
79	100		
52	67.3	46.5	69.7
51	38.9	24.6	37.0#

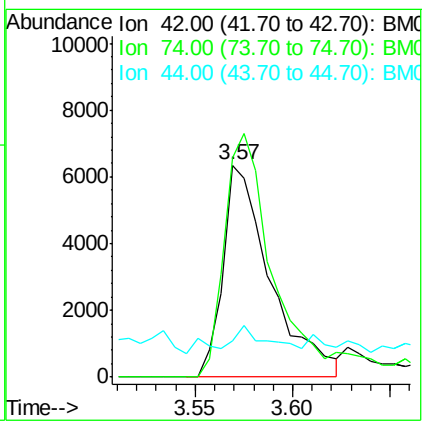


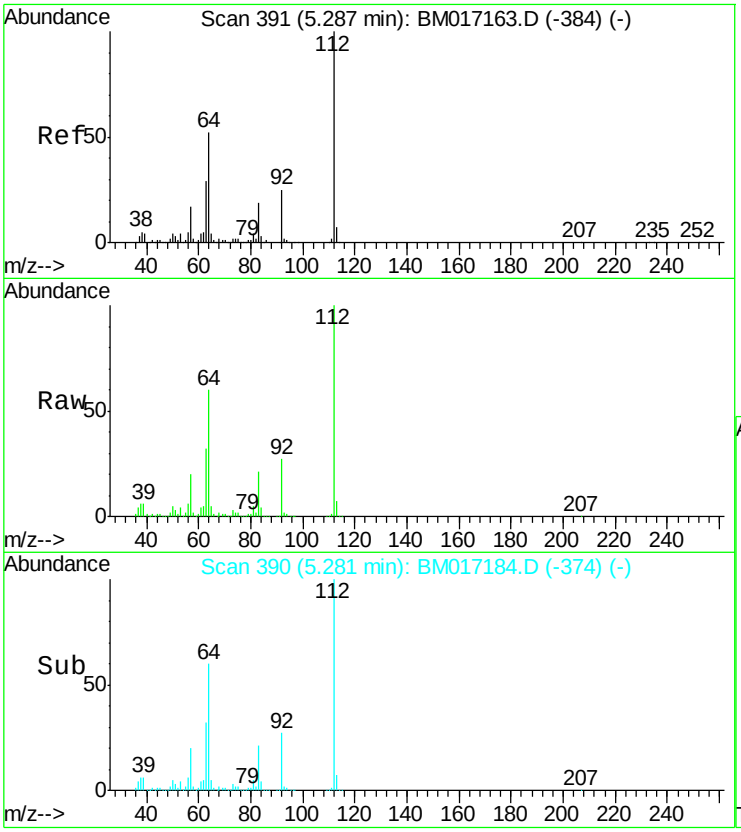


#4
n-Nitrosodimethylamine
Concen: 2.347 ng
RT: 3.57 min Scan# 99
Delta R.T. 0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 42 Resp: 10708

Ion	Ratio	Lower	Upper
42	100		
74	103.2	114.4	171.6#
44	16.8	48.6	73.0#



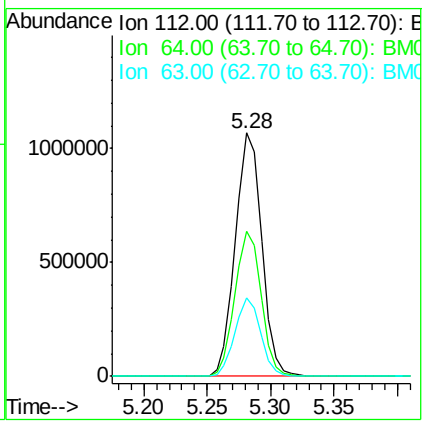


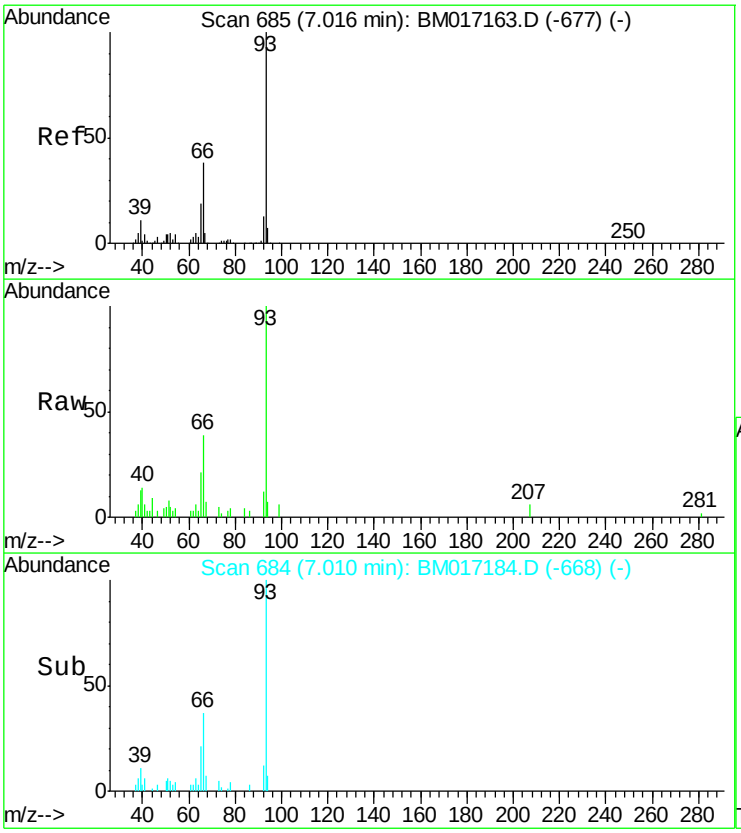
#5
2-Fluorophenol
Concen: 159.200 ng
RT: 5.28 min Scan# 390
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:112 Resp: 1540033

Ion	Ratio	Lower	Upper
112	100		
64	59.6	41.7	62.5
63	32.3	23.0	34.4

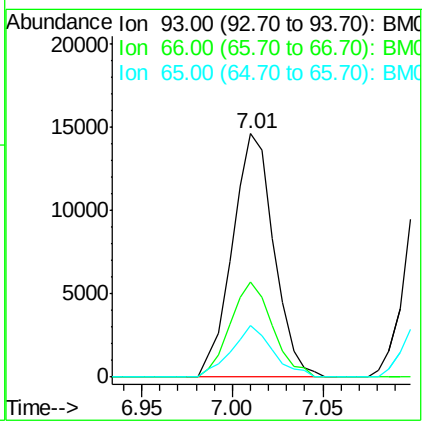


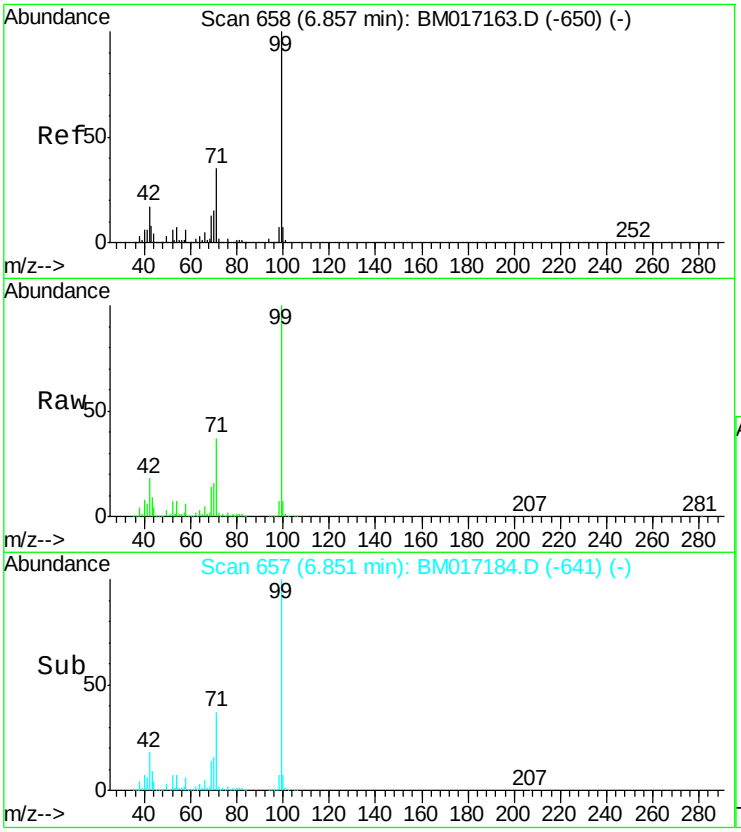


#6
Aniline
Concen: 1.414 ng
RT: 7.01 min Scan# 684
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 93 Resp: 23305

Ion	Ratio	Lower	Upper
93	100		
66	39.3	30.4	45.6
65	21.3	15.3	22.9



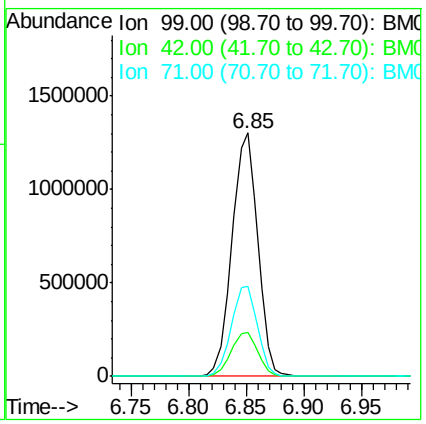


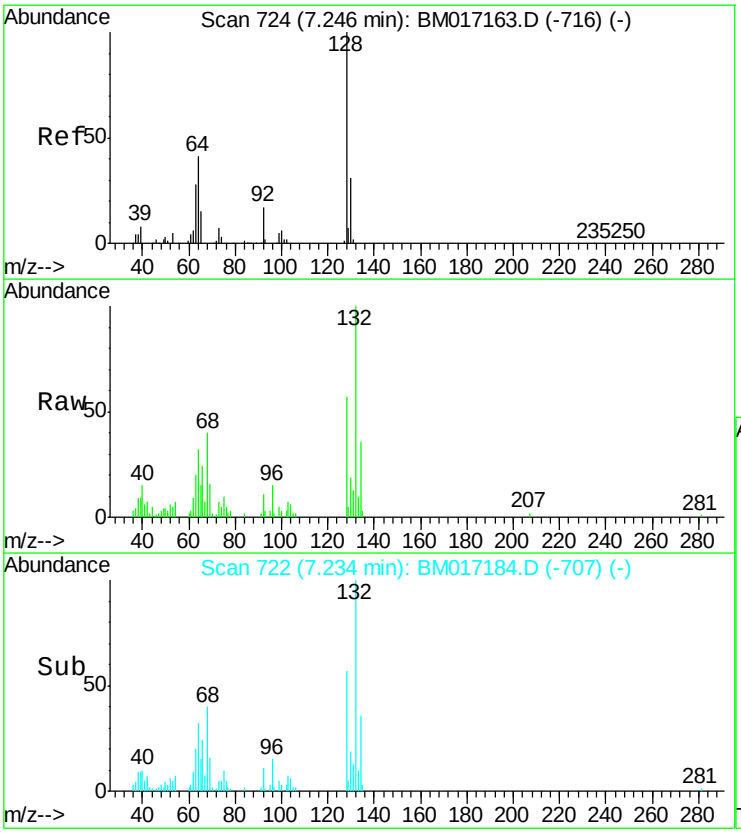
#7
Phenol-d6
Concen: 152.580 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 99 Resp: 2010217

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.3	19.9
71	36.7	28.0	42.0

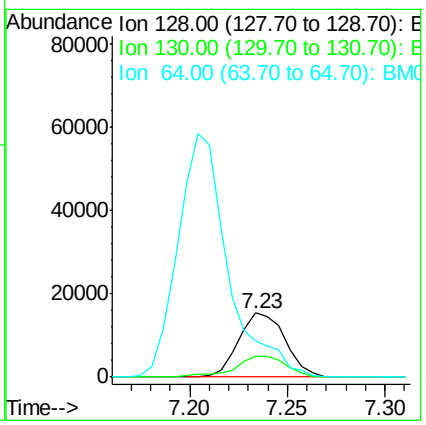


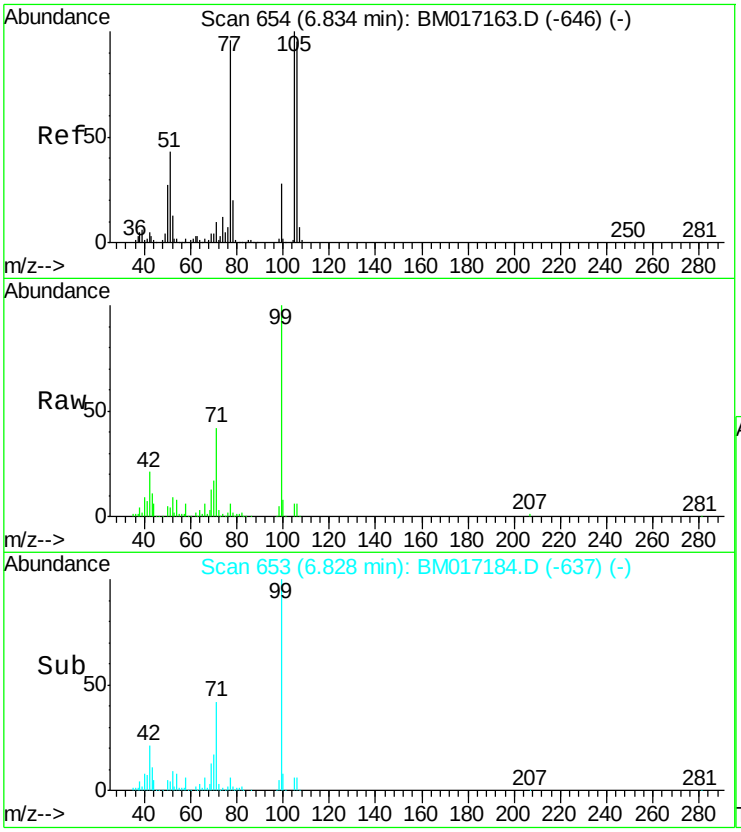


#8
2-Chlorophenol
Concen: 2.268 ng
RT: 7.23 min Scan# 722
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:128 Resp: 25381

Ion	Ratio	Lower	Upper
128	100		
130	32.8	11.0	51.0
64	56.6	24.1	64.1



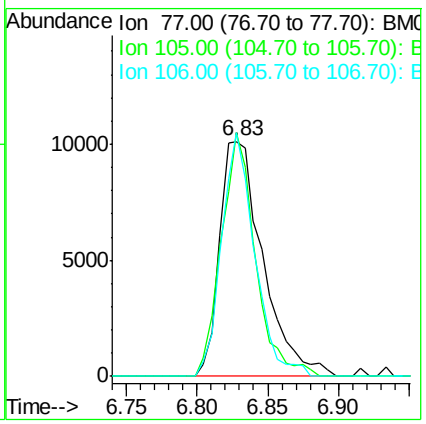


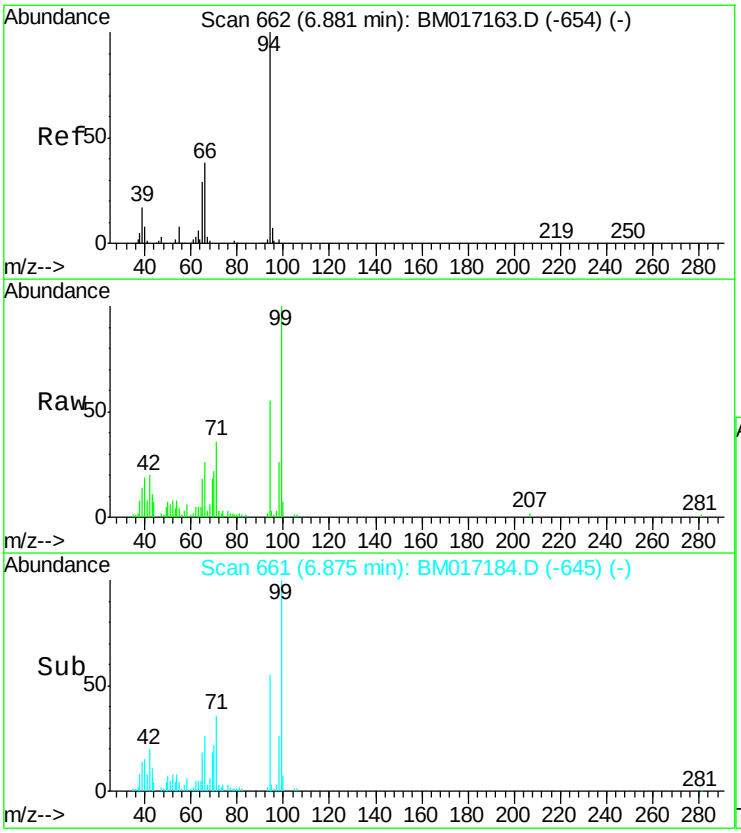
#9
Benzaldehyde
Concen: 2.569 ng
RT: 6.83 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 77 Resp: 21584

Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.9	123.9
106	103.3	78.2	118.2

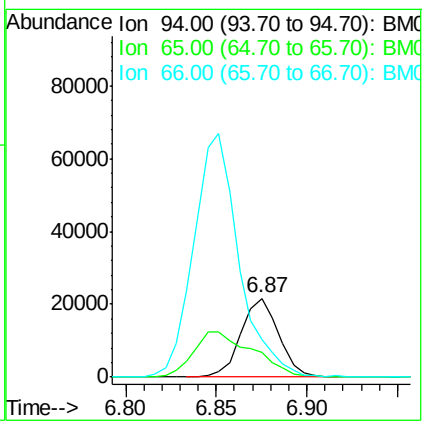


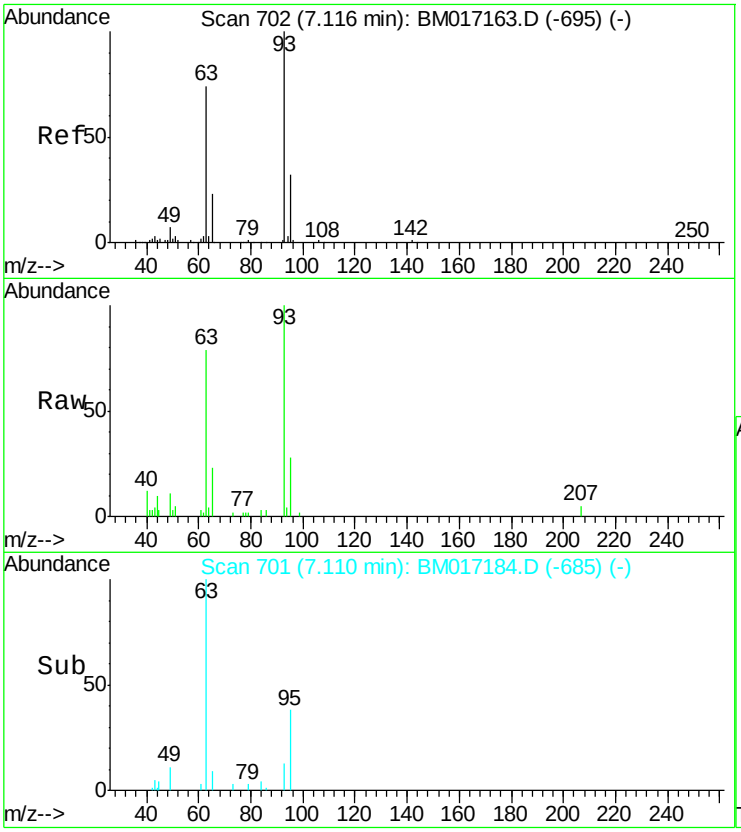


#10
Phenol
Concen: 2.203 ng
RT: 6.87 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 94 Resp: 31232

Ion	Ratio	Lower	Upper
94	100		
65	32.1	9.4	49.4
66	47.0	19.0	59.0



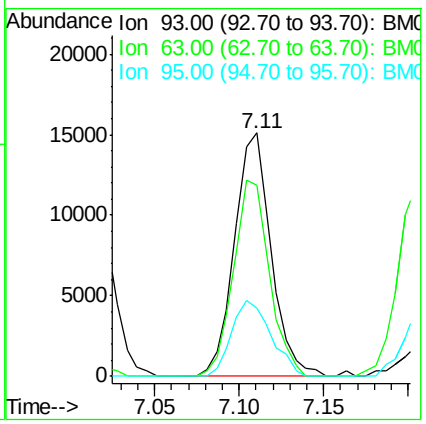


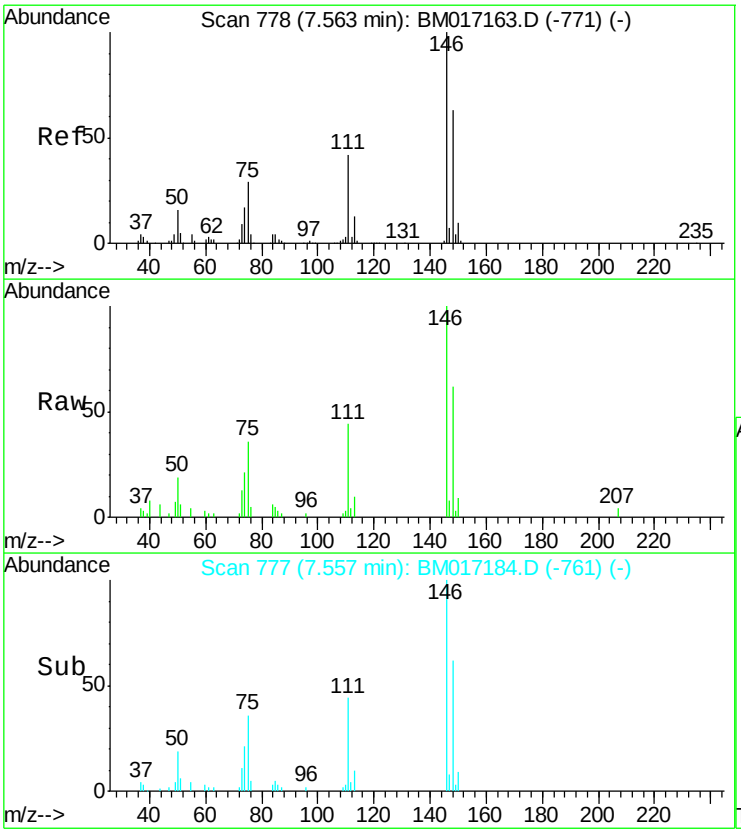
#11
bis(2-Chloroethyl)ether
Concen: 2.025 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 93 Resp: 22889

Ion	Ratio	Lower	Upper
93	100		
63	78.8	54.0	94.0
95	28.0	11.8	51.8

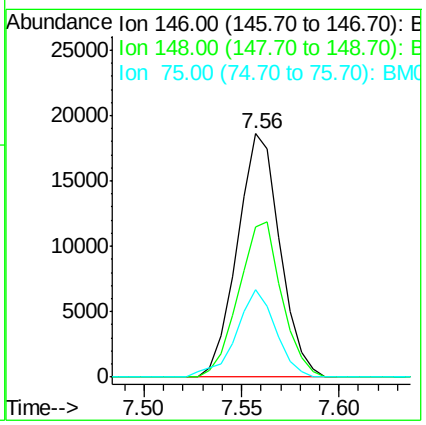


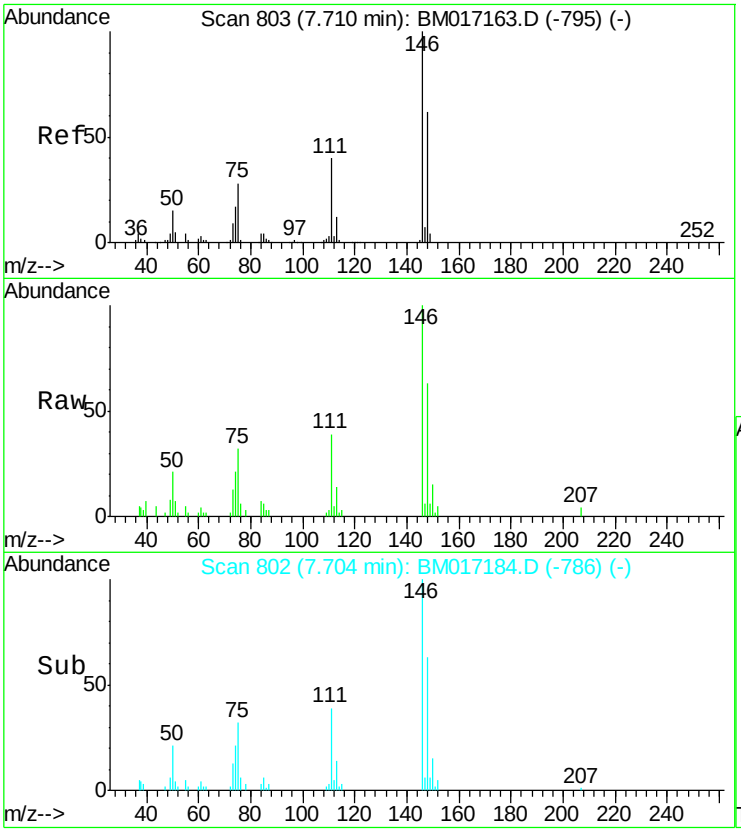


#12
1,3-Dichlorobenzene
Concen: 2.155 ng
RT: 7.56 min Scan# 777
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:146 Resp: 28111

Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.2	75.4
75	36.0	23.3	34.9#



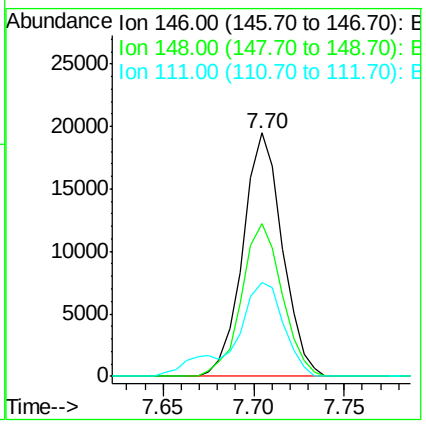


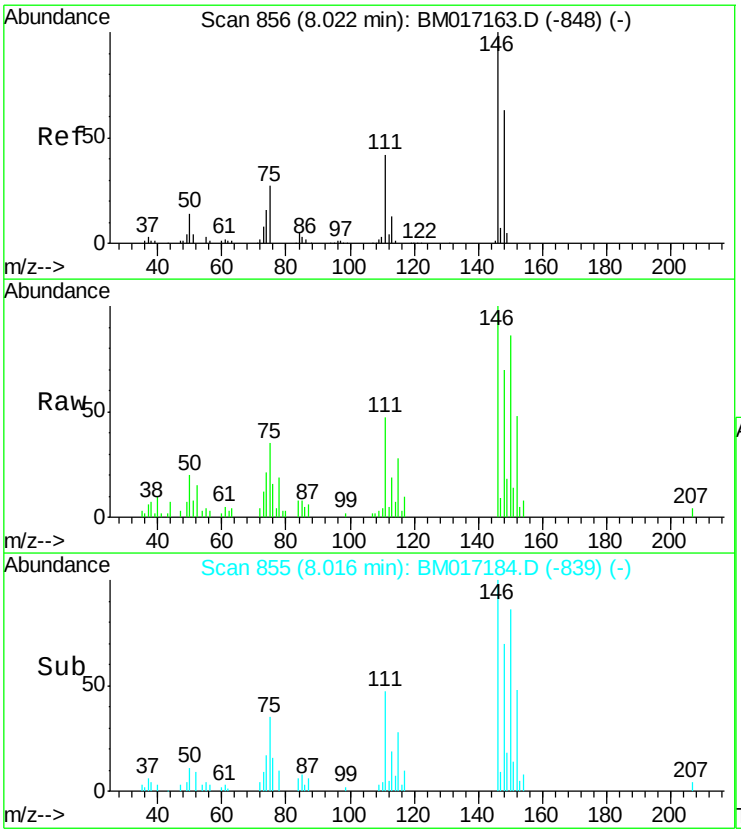
#13
1,4-Dichlorobenzene
Concen: 2.213 ng
RT: 7.70 min Scan# 802
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:146 Resp: 29491

Ion	Ratio	Lower	Upper
146	100		
148	62.9	49.8	74.6
111	38.8	32.1	48.1

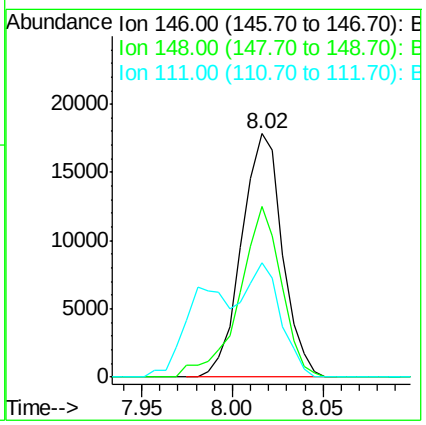


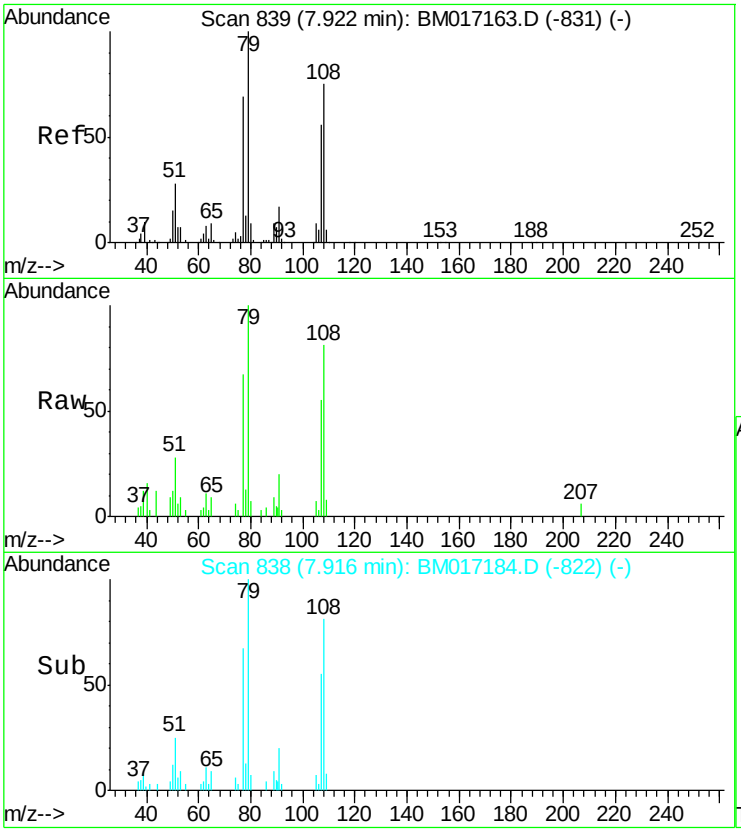


#14
1,2-Dichlorobenzene
Concen: 2.175 ng
RT: 8.02 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:146 Resp: 27925

Ion	Ratio	Lower	Upper
146	100		
148	70.1	50.8	76.2
111	47.0	33.8	50.6



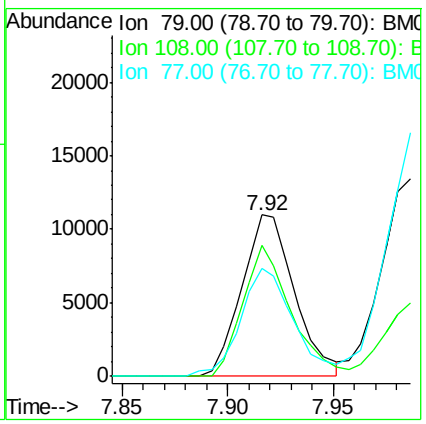


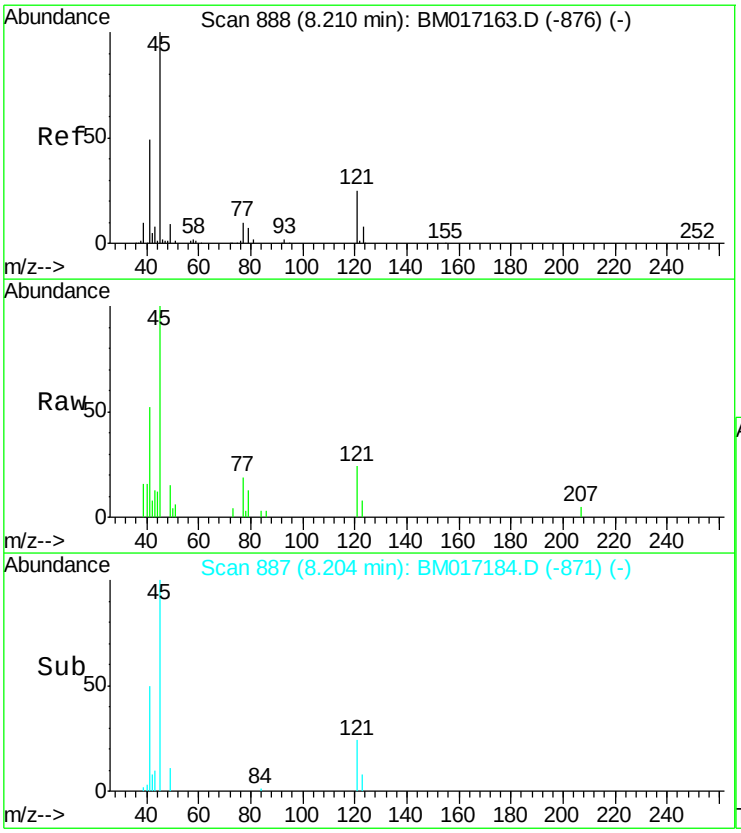
#15
Benzyl Alcohol
Concen: 1.980 ng
RT: 7.92 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 79 Resp: 19066

Ion	Ratio	Lower	Upper
79	100		
108	81.0	60.3	90.5
77	66.8	54.8	82.2

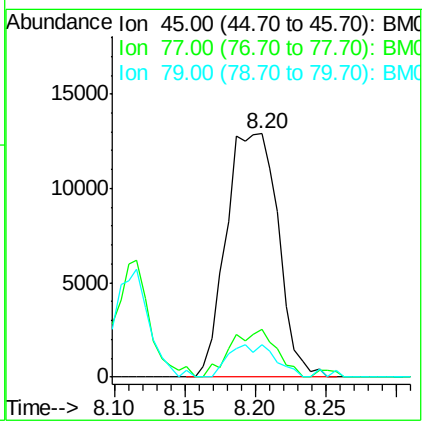


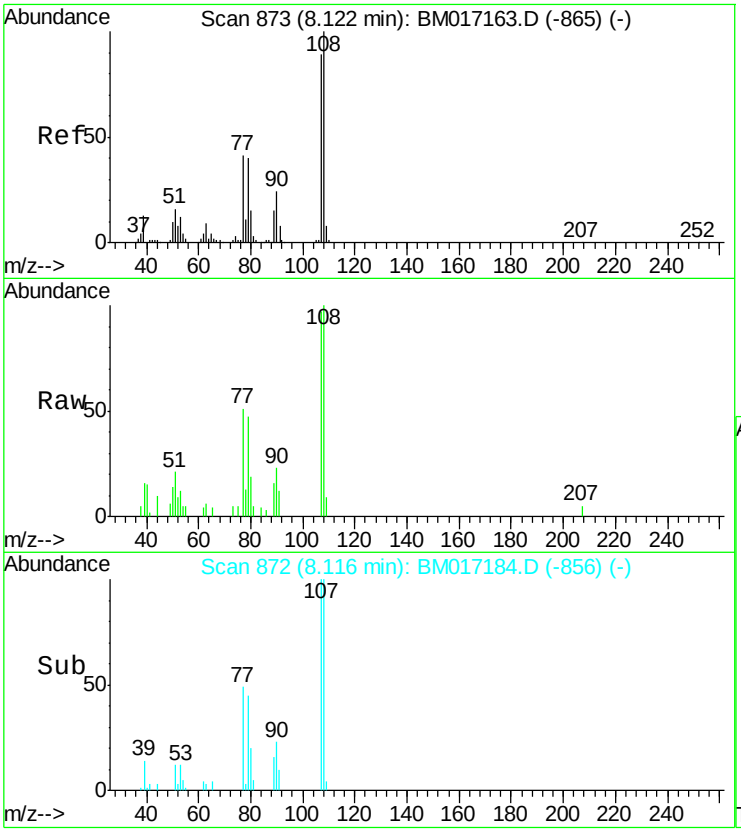


#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.104 ng
RT: 8.20 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 45 Resp: 33233

Ion	Ratio	Lower	Upper
45	100		
77	19.4	0.0	35.5
79	13.3	0.0	32.1



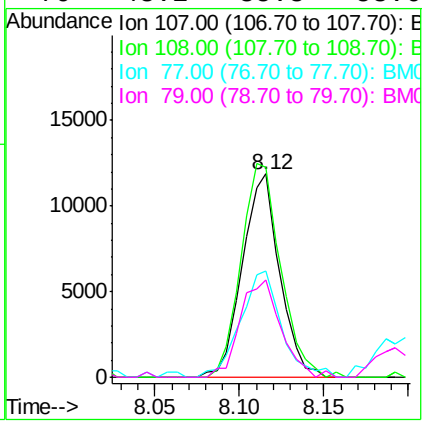


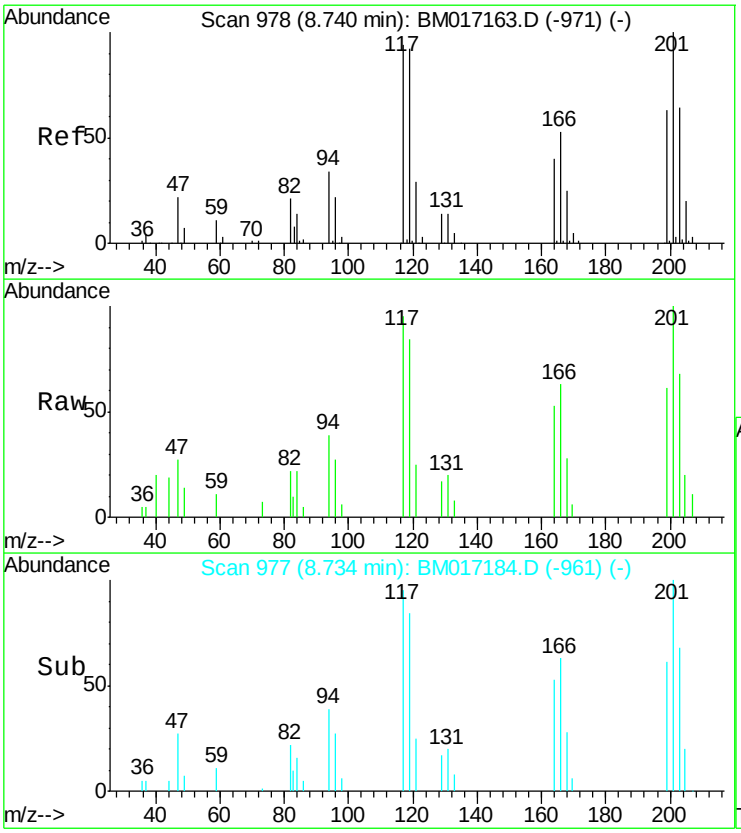
#17
2-Methylphenol
Concen: 2.010 ng
RT: 8.12 min Scan# 872
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:107 Resp: 18289

Ion	Ratio	Lower	Upper
107	100		
108	103.2	90.3	135.5
77	52.3	37.0	55.4
79	48.2	35.8	53.6

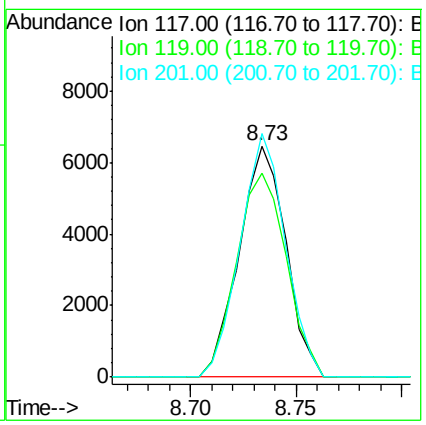


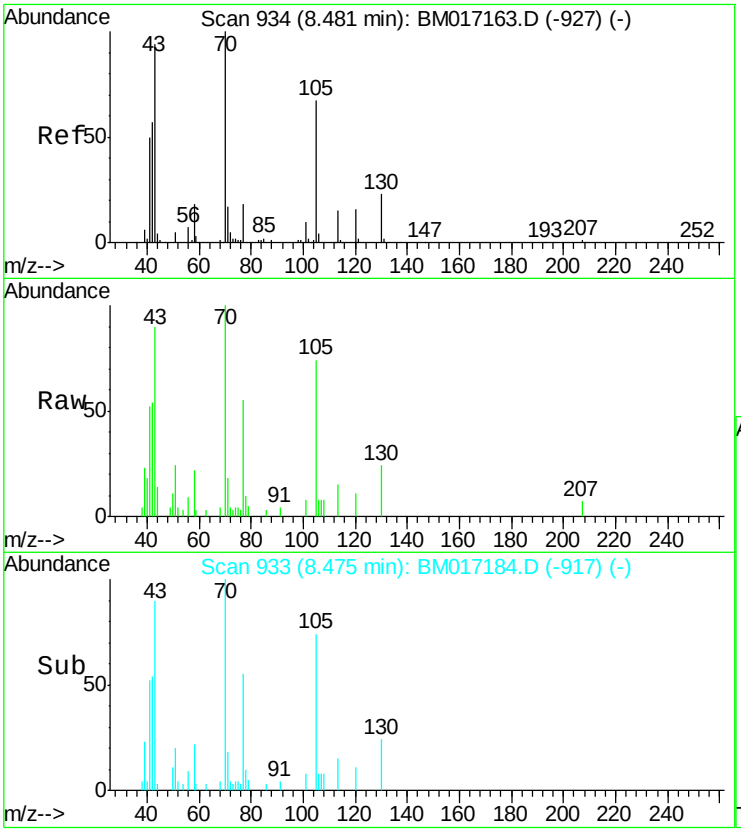


#18
Hexachloroethane
Concen: 2.181 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:117 Resp: 9948

Ion	Ratio	Lower	Upper
117	100		
119	87.9	78.2	117.2
201	105.2	85.3	127.9



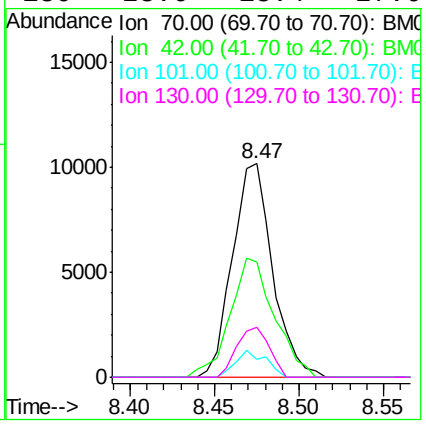


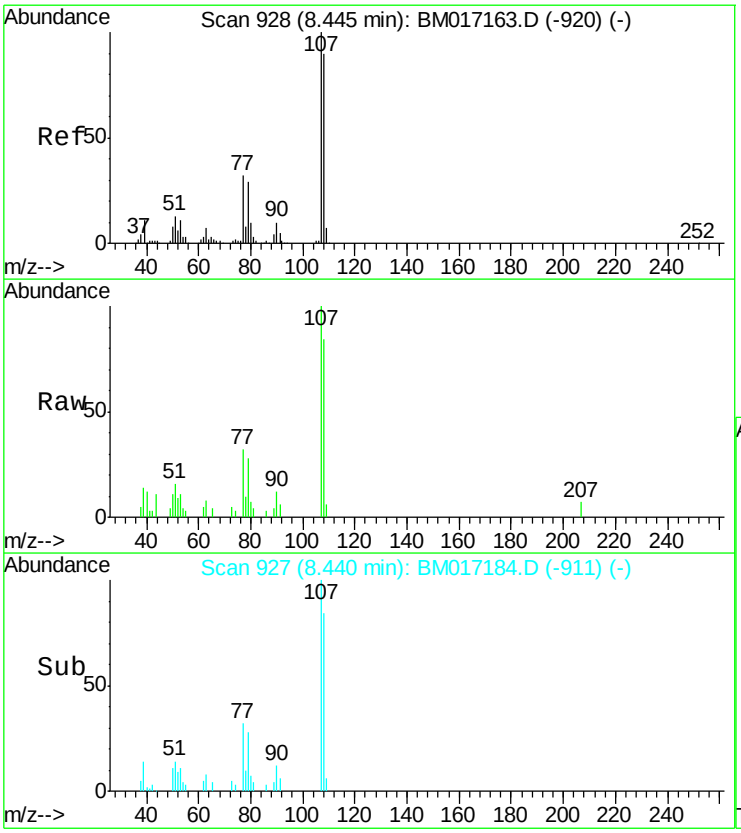
#19
n-Nitroso-di-n-propylamine
Concen: 1.942 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 70 Resp: 16844

Ion	Ratio	Lower	Upper
70	100		
42	54.0	46.1	69.1
101	8.1	8.2	12.4#
130	23.6	18.4	27.6

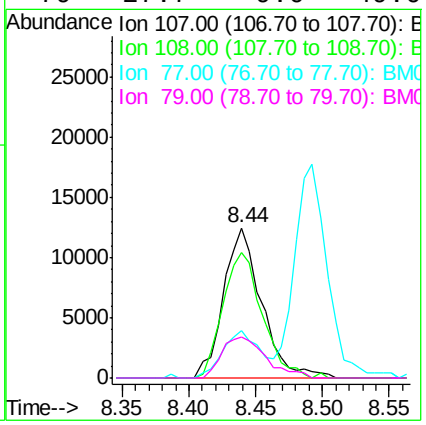


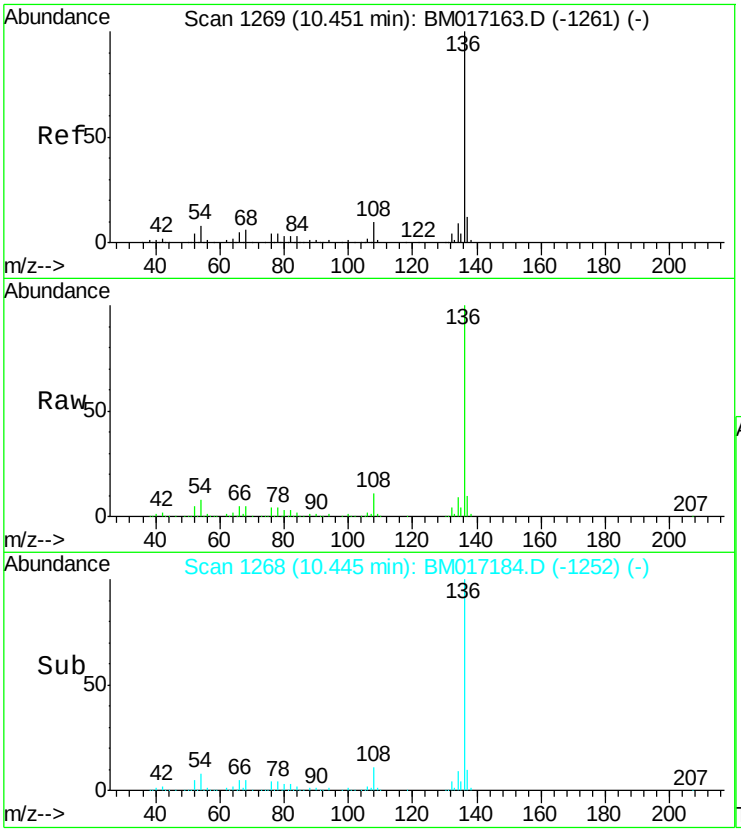


#20
3+4-Methylphenols
Concen: 1.998 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:107 Resp: 24876

Ion	Ratio	Lower	Upper
107	100		
108	83.7	69.9	109.9
77	31.7	12.2	52.2
79	27.7	9.0	49.0



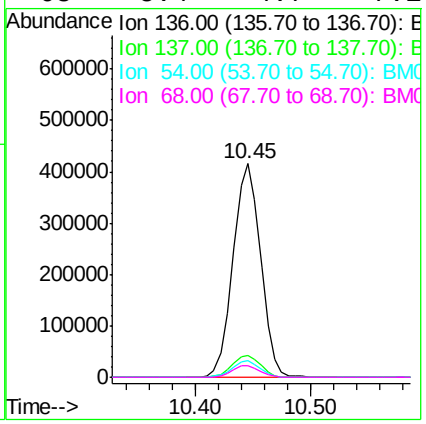


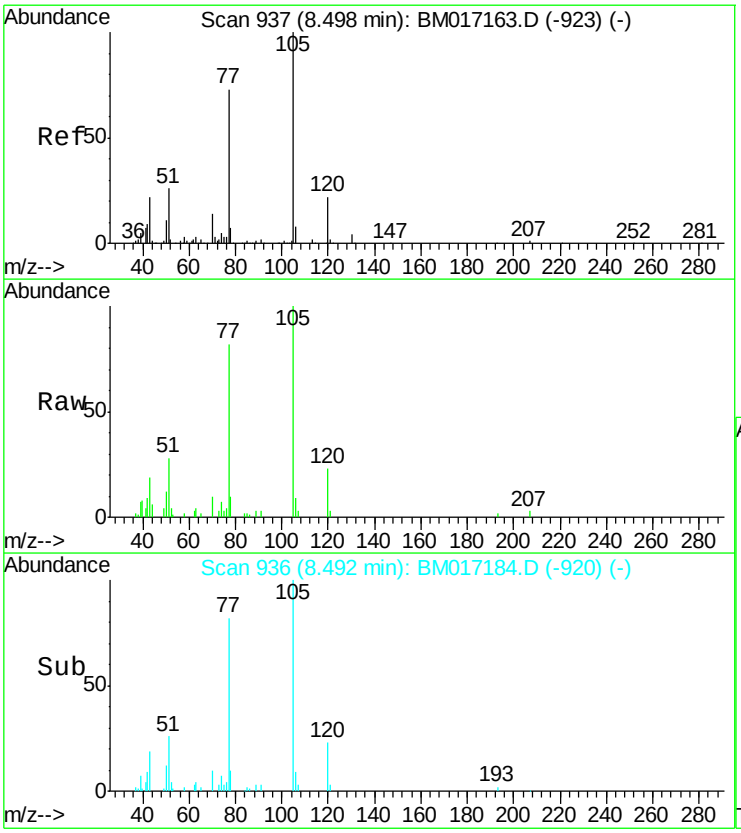
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:136 Resp: 686365

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.4	4.7	7.1

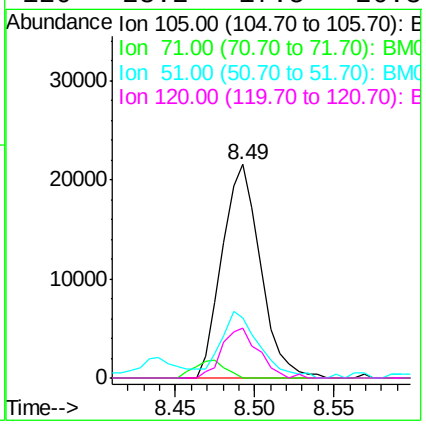


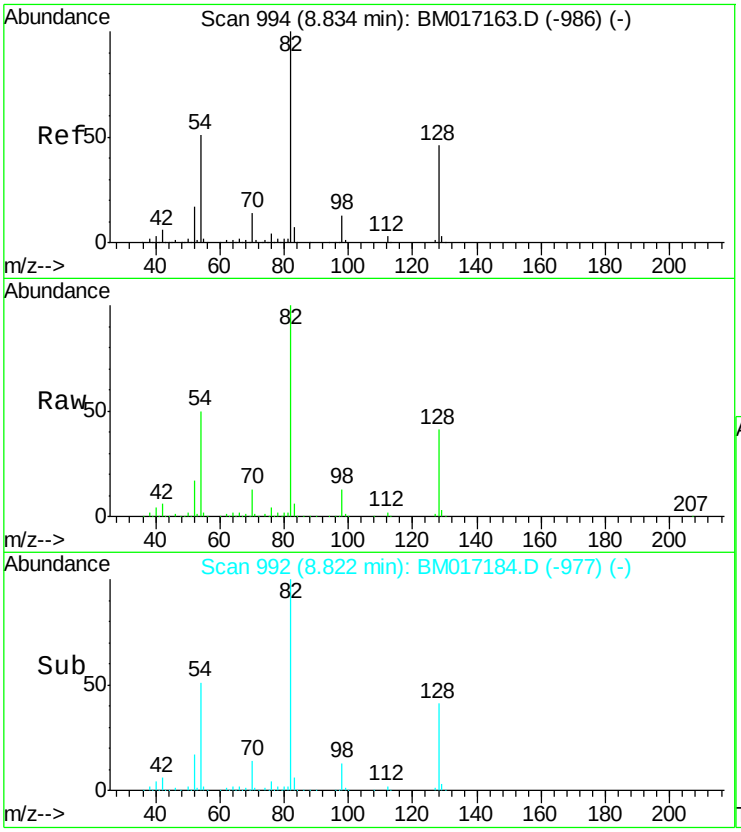


#22
Acetophenone
Concen: 2.073 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:105 Resp: 36074

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.0	3.0#
51	28.1	20.6	31.0
120	23.2	17.5	26.3



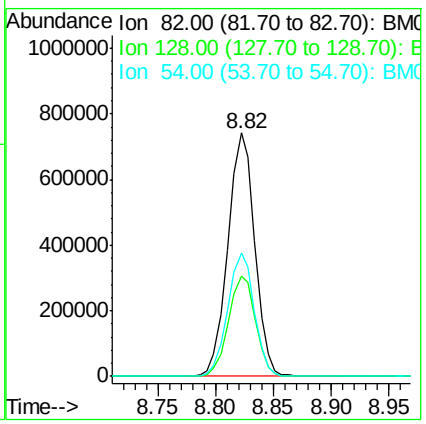


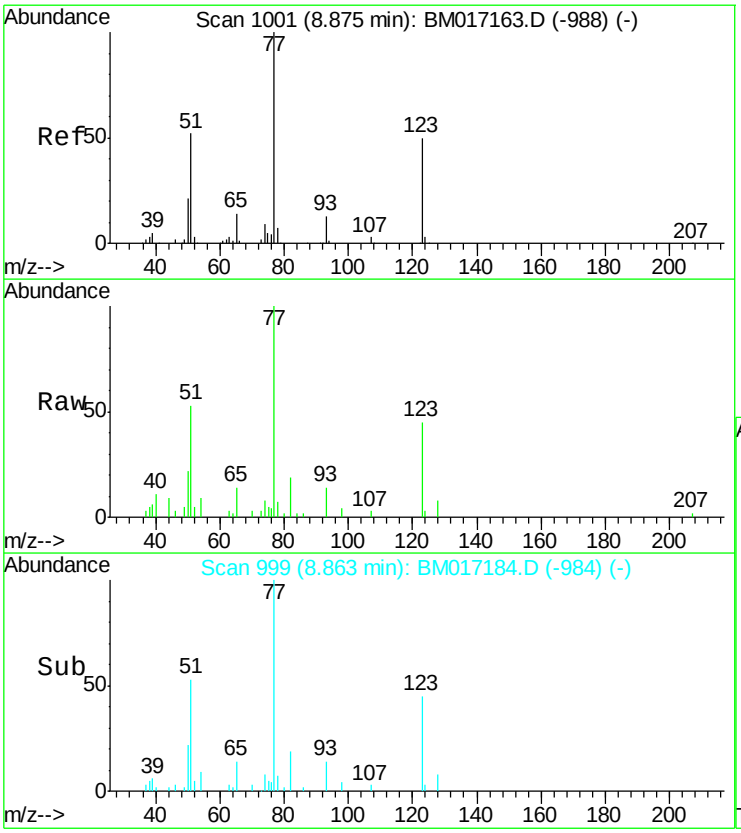
#23
Nitrobenzene-d5
Concen: 101.889 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 82 Resp: 1195733

Ion	Ratio	Lower	Upper
82	100		
128	41.2	37.0	55.6
54	50.4	40.7	61.1

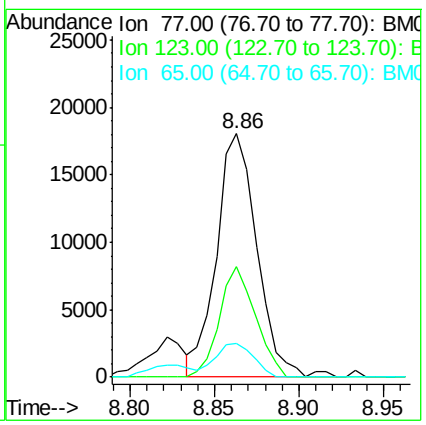


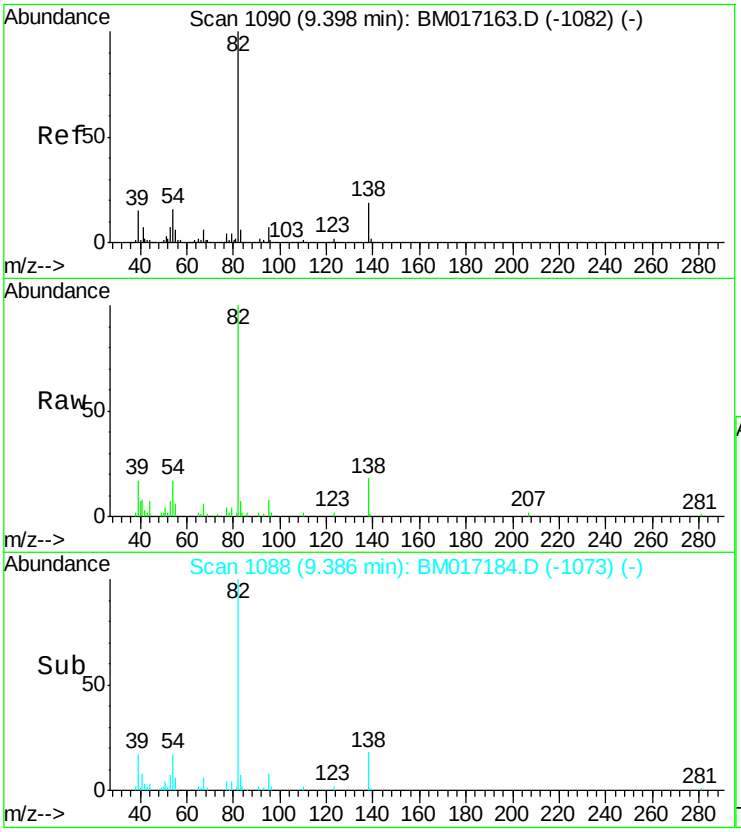


#24
Nitrobenzene
Concen: 2.419 ng
RT: 8.86 min Scan# 999
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 77 Resp: 30029

Ion	Ratio	Lower	Upper
77	100		
123	45.2	40.2	60.4
65	13.7	11.4	17.0



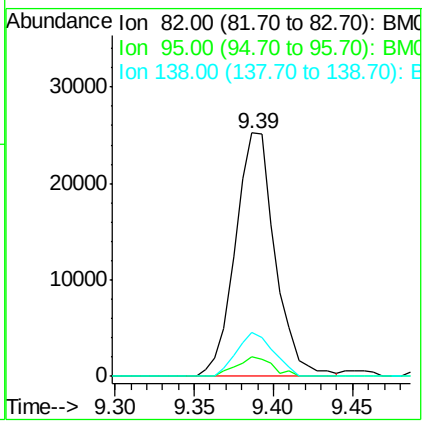


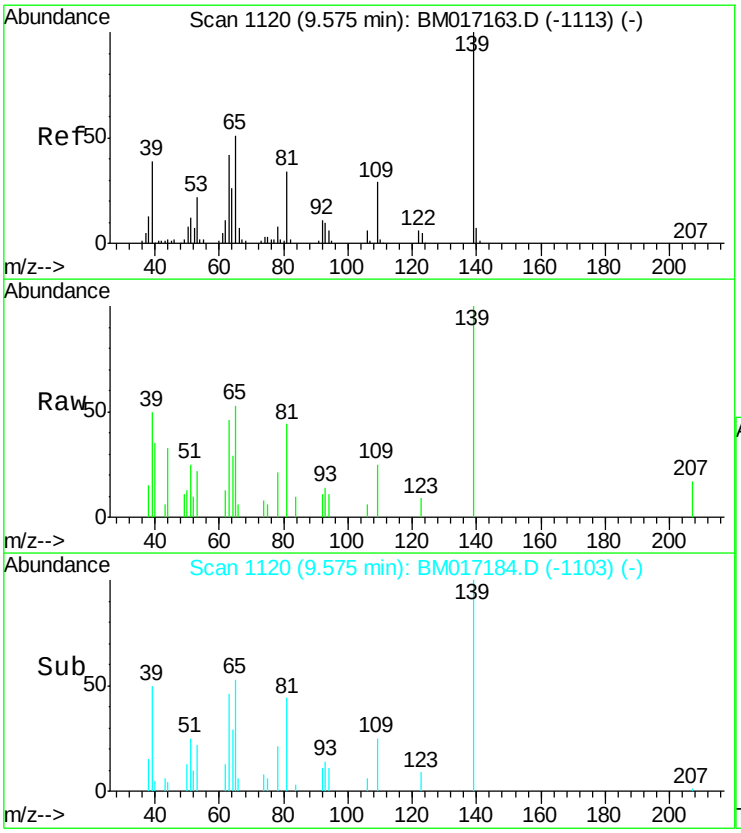
#25
Isophorone
Concen: 2.265 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 82 Resp: 43899

Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.0	9.0
138	17.8	15.4	23.2

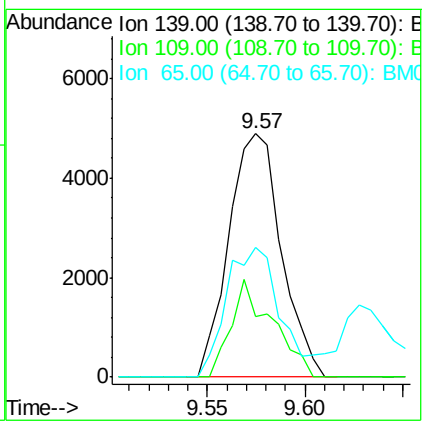


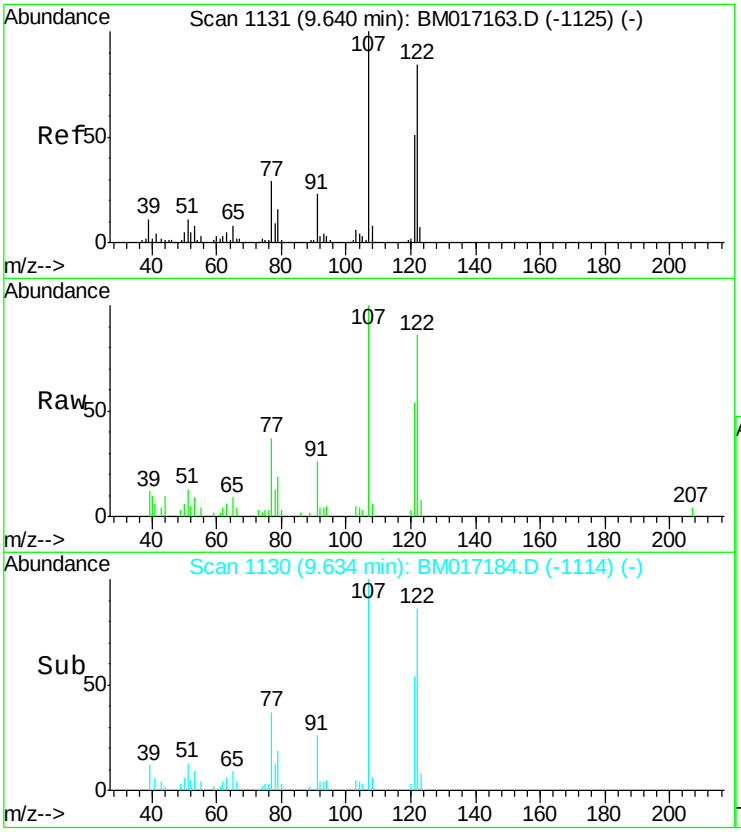


#26
2-Nitrophenol
Concen: 7.086 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:139 Resp: 9119

Ion	Ratio	Lower	Upper
139	100		
109	24.8	23.2	34.8
65	53.1	40.6	61.0



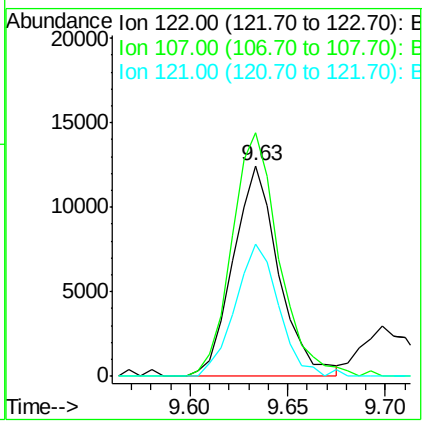


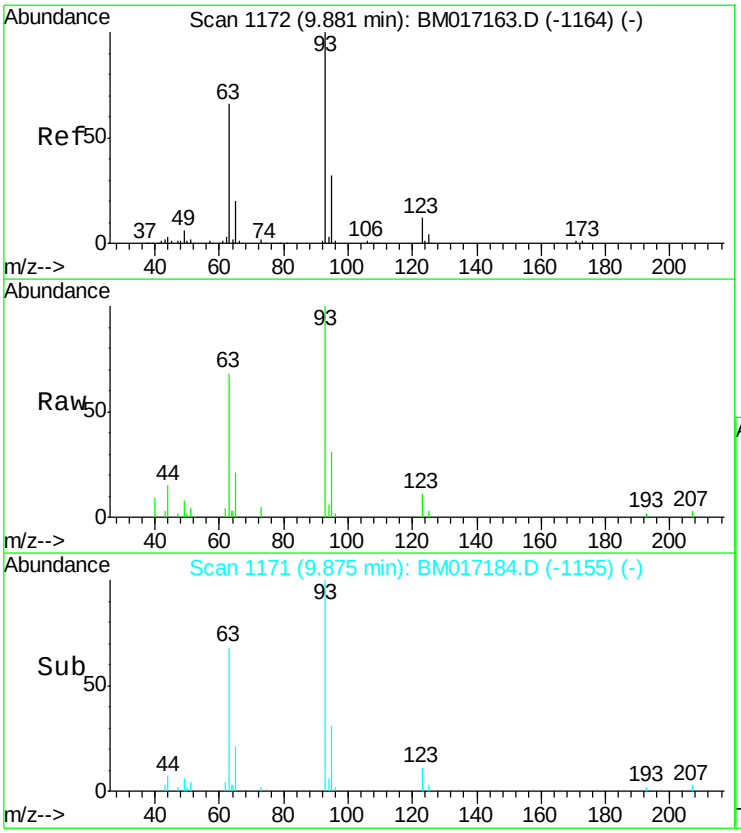
#27
2,4-Dimethylphenol
Concen: 2.358 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:122 Resp: 20207

Ion	Ratio	Lower	Upper
122	100		
107	115.7	95.0	142.6
121	63.0	48.2	72.4

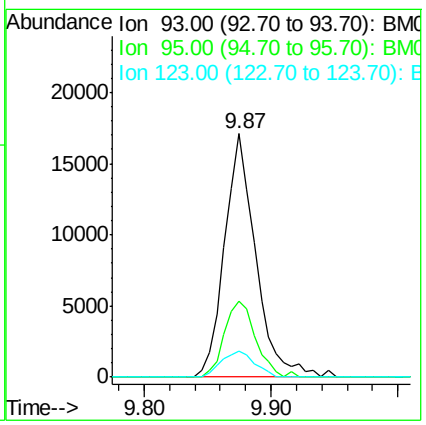


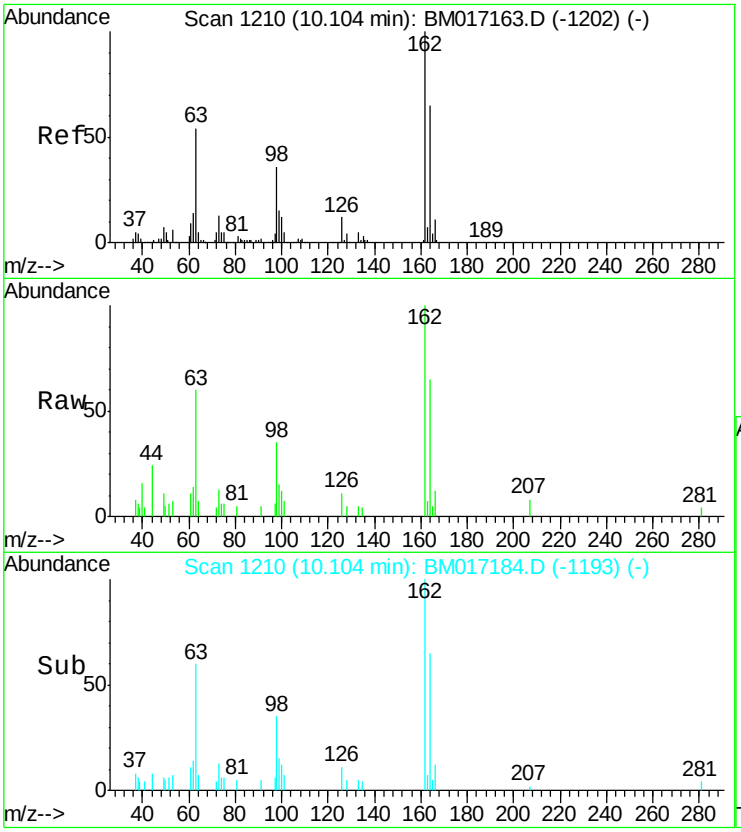


#28
bis(2-Chloroethoxy)methane
Concen: 2.135 ng
RT: 9.87 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 93 Resp: 29119

Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.7	38.5
123	10.9	9.4	14.0



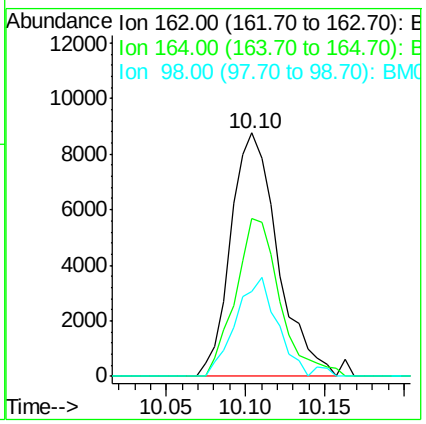


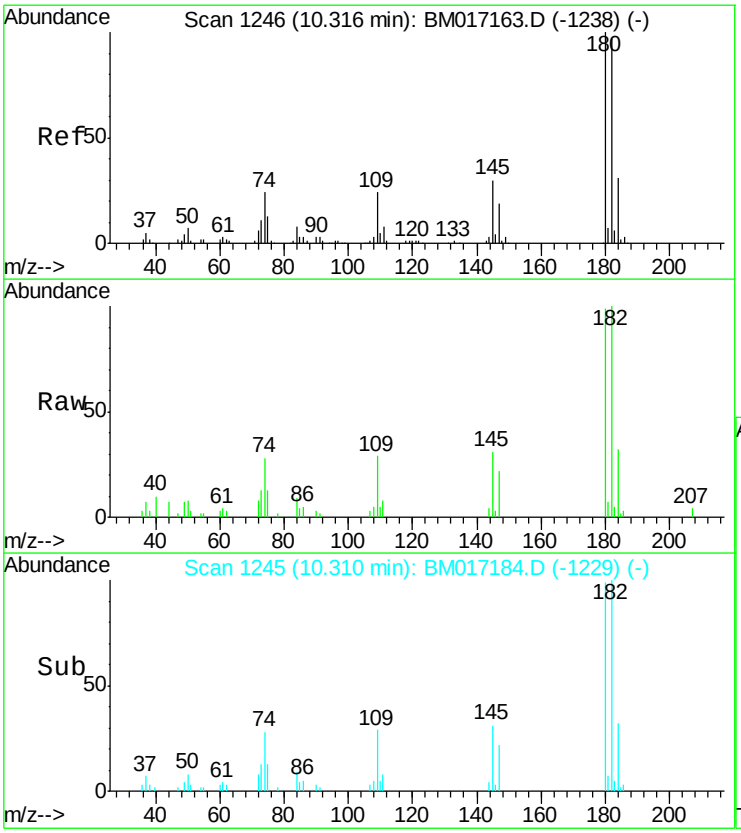
#29
2,4-Dichlorophenol
Concen: 1.809 ng
RT: 10.10 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:162 Resp: 18001

Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	34.9	15.8	55.8

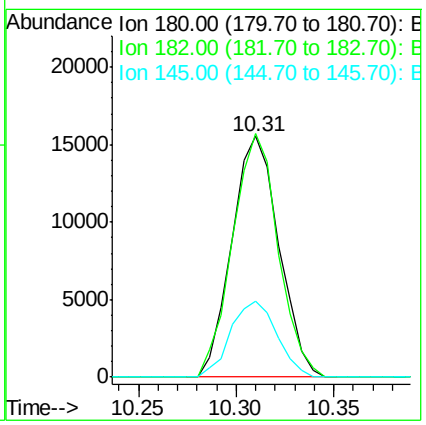


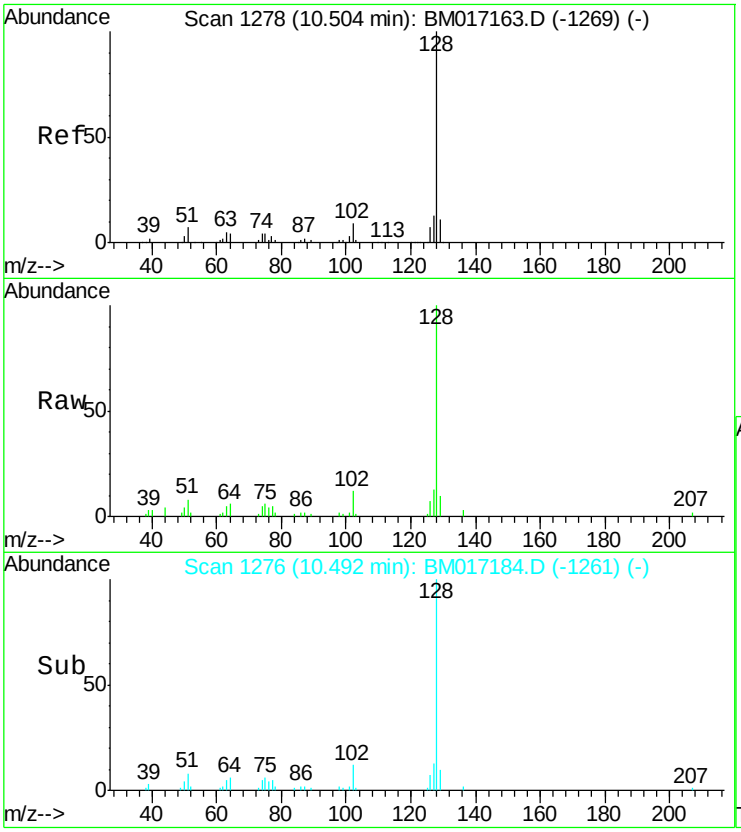


#30
1,2,4-Trichlorobenzene
Concen: 2.174 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:180 Resp: 25948

Ion	Ratio	Lower	Upper
180	100		
182	101.1	77.5	116.3
145	31.5	24.0	36.0



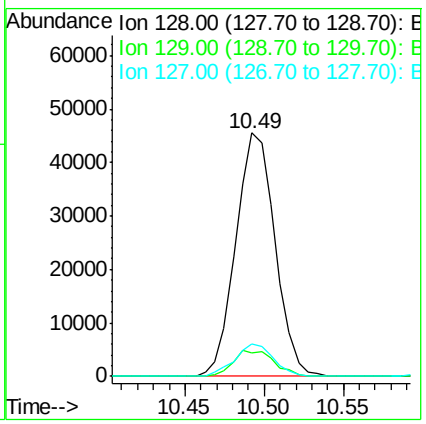


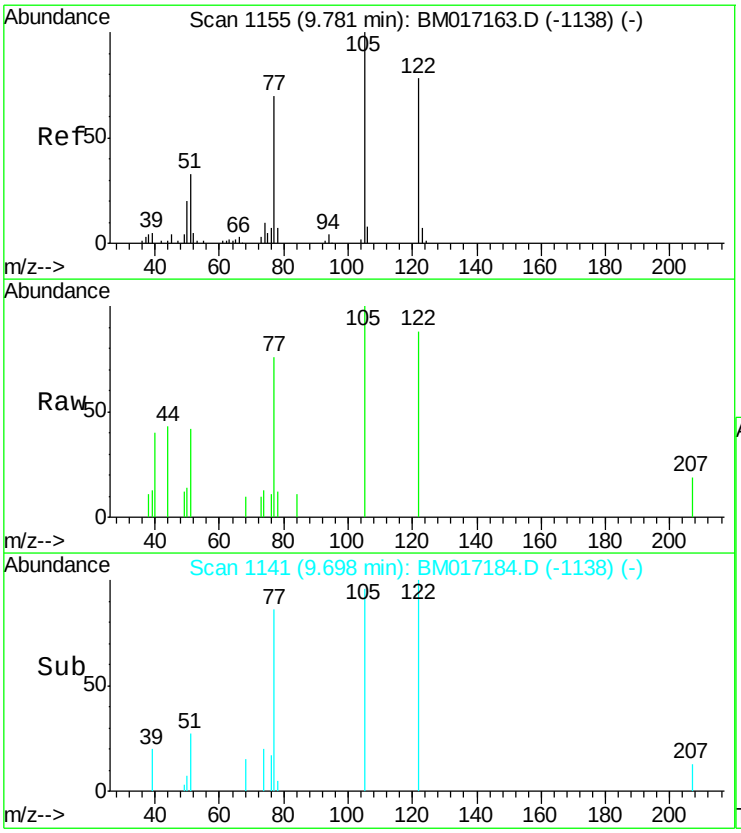
#31
Naphthalene
Concen: 2.324 ng
RT: 10.49 min Scan# 1276
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:128 Resp: 78175

Ion	Ratio	Lower	Upper
128	100		
129	9.5	8.5	12.7
127	13.3	10.3	15.5

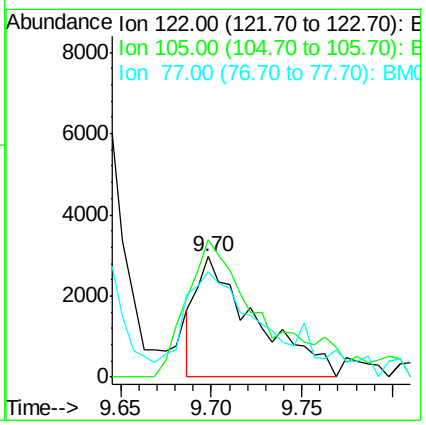


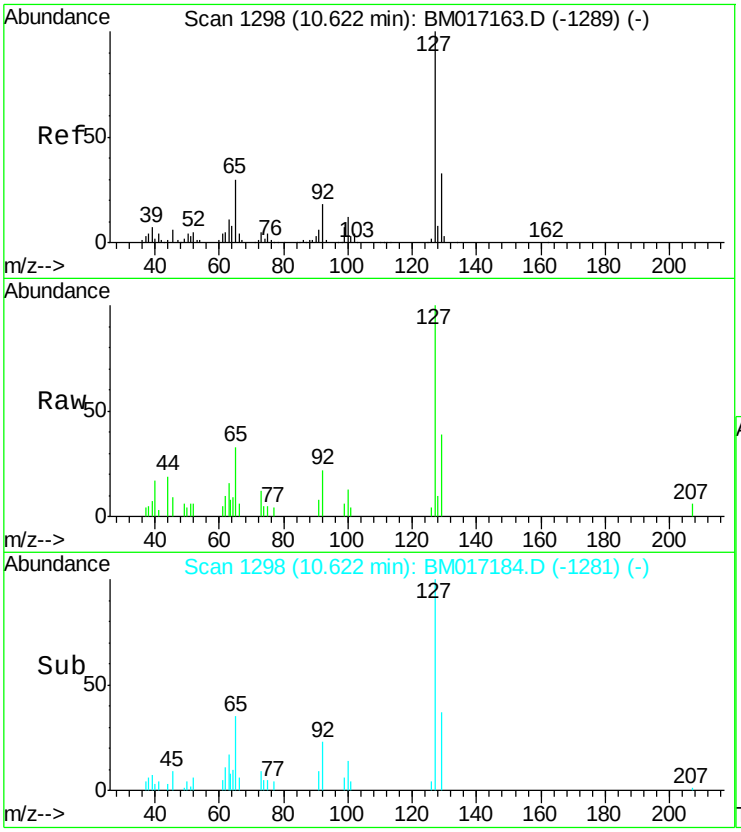


#32
Benzoic acid
Concen: 1.039 ng
RT: 9.70 min Scan# 1141
Delta R.T. -0.08 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:122 Resp: 6645

Ion	Ratio	Lower	Upper
122	100		
105	113.9	102.0	142.0
77	87.1	67.7	107.7



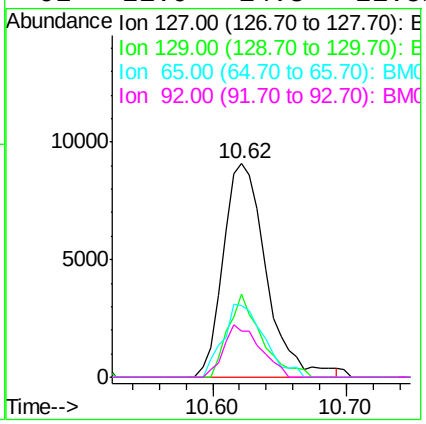


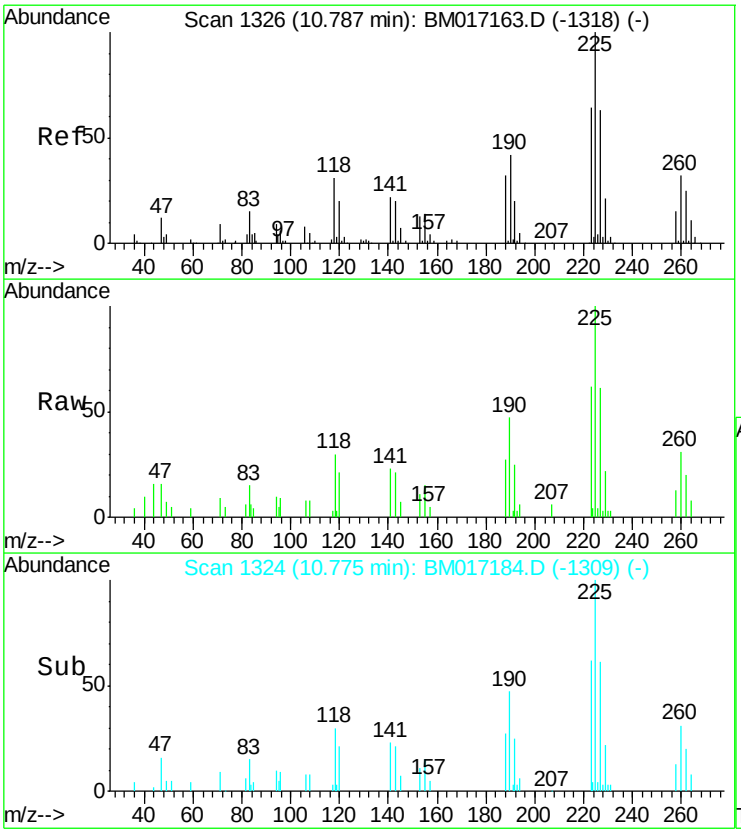
#33
4-Chloroaniline
Concen: 1.404 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:127 Resp: 20396

Ion	Ratio	Lower	Upper
127	100		
129	39.1	26.2	39.4
65	33.3	23.7	35.5
92	21.9	14.3	21.5#

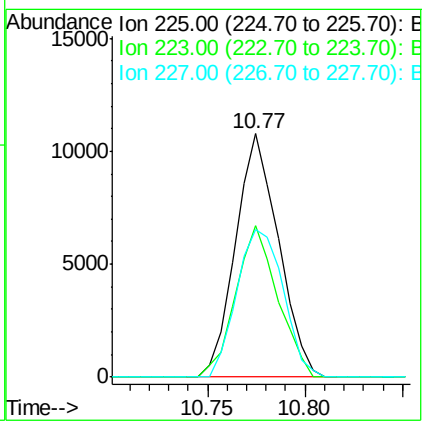


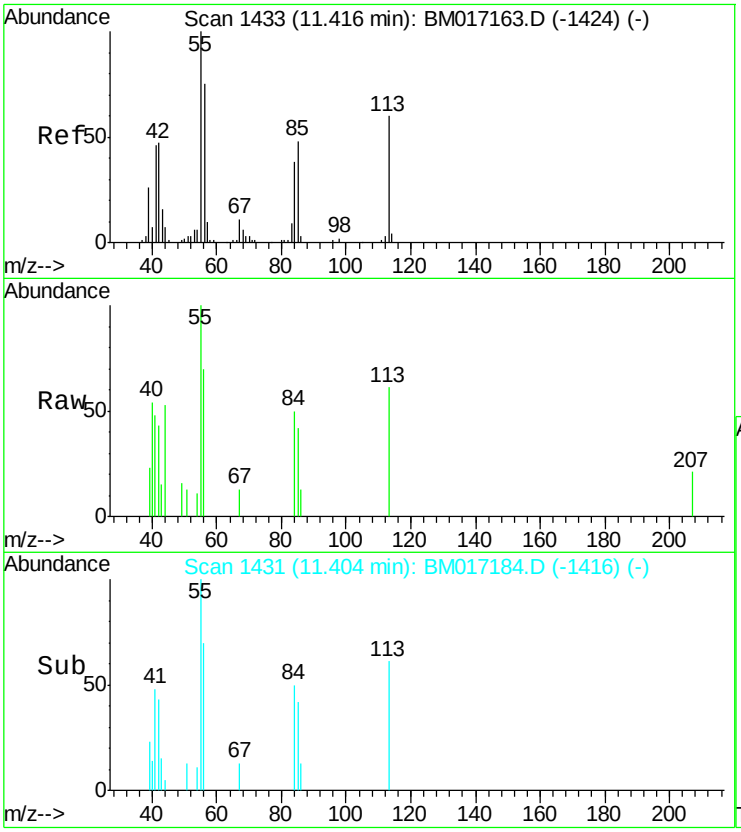


#34
Hexachlorobutadiene
Concen: 2.173 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:225 Resp: 16432

Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	60.7	50.8	76.2



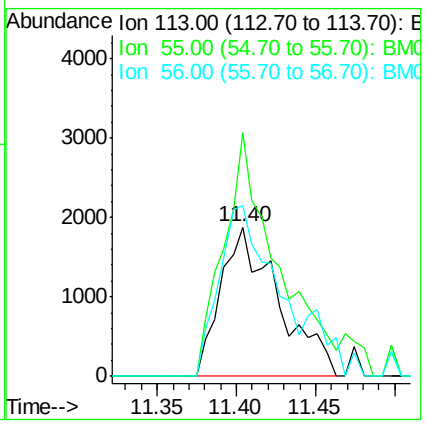


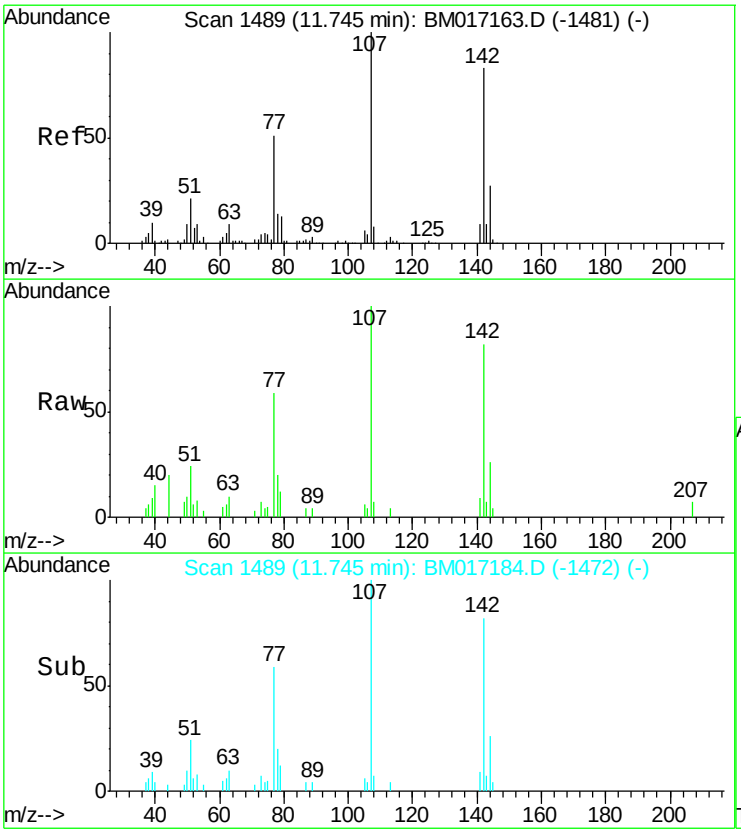
#35
Caprolactam
Concen: 1.308 ng
RT: 11.40 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:113 Resp: 4742

Ion	Ratio	Lower	Upper
113	100		
55	163.6	147.0	187.0
56	114.5	104.5	144.5

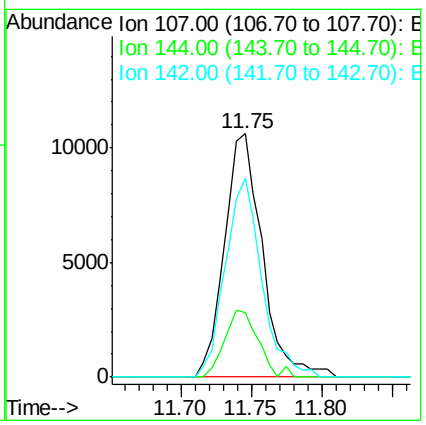


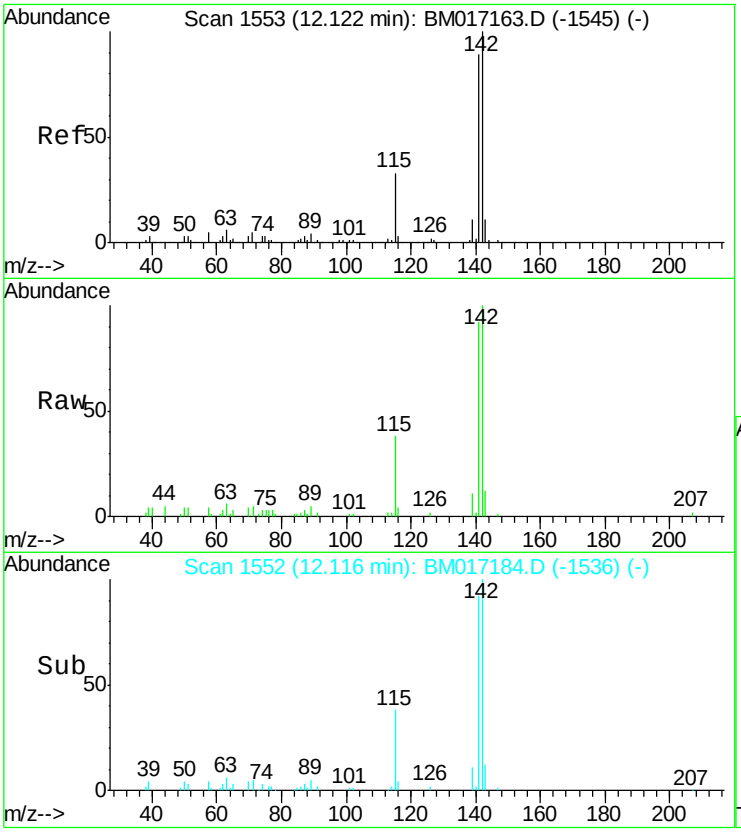


#36
4-Chloro-3-methylphenol
Concen: 1.771 ng
RT: 11.75 min Scan# 1489
Delta R.T. -0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:107 Resp: 19865

Ion	Ratio	Lower	Upper
107	100		
144	26.2	21.6	32.4
142	81.6	66.0	99.0



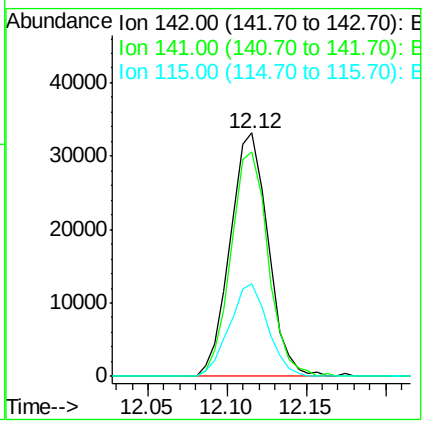


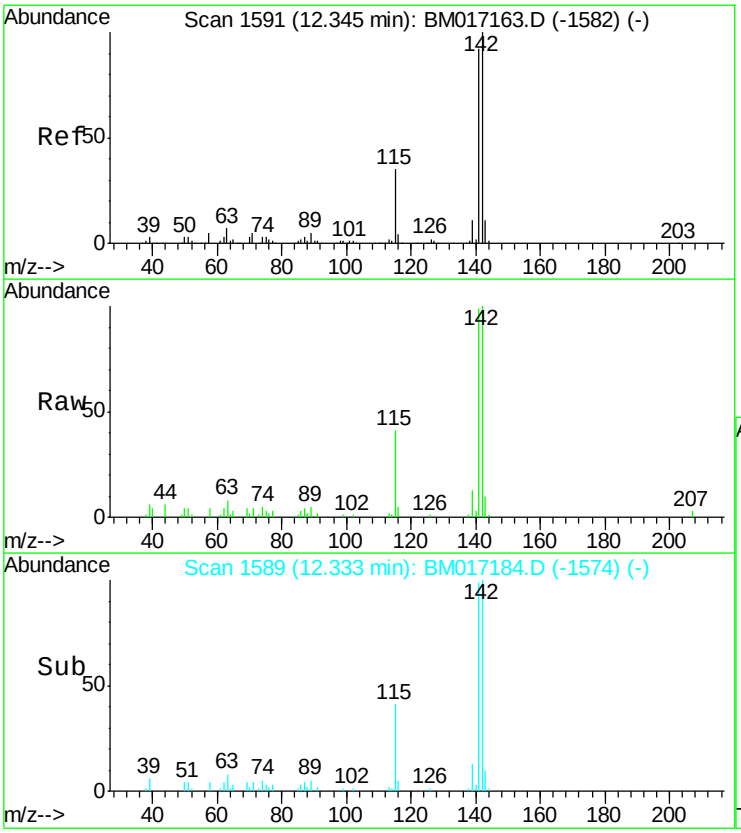
#37
2-Methylnaphthalene
Concen: 2.396 ng
RT: 12.12 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:142 Resp: 55155

Ion	Ratio	Lower	Upper
142	100		
141	92.2	70.9	106.3
115	38.1	26.4	39.6

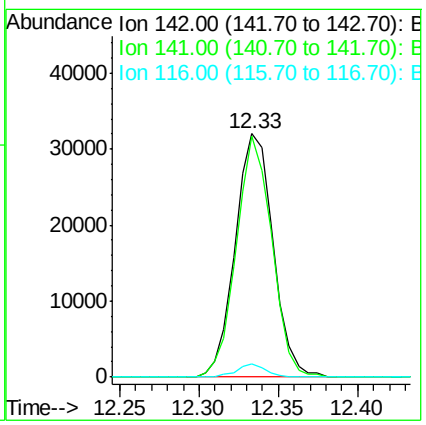


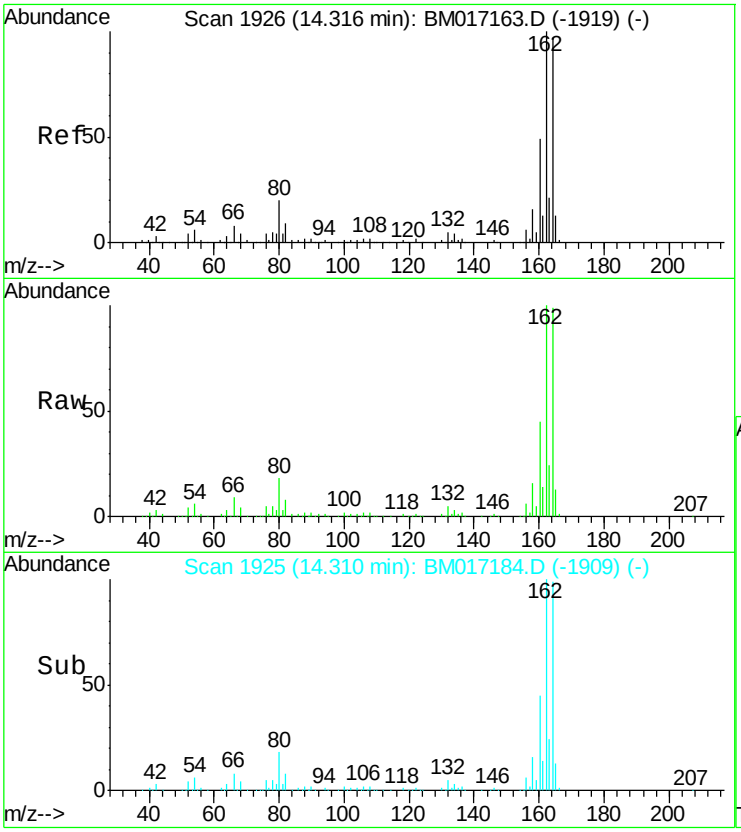


#38
1-Methylnaphthalene
Concen: 2.370 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:142 Resp: 53089

Ion	Ratio	Lower	Upper
142	100		
141	99.0	73.8	110.6
116	5.4	2.9	4.3#



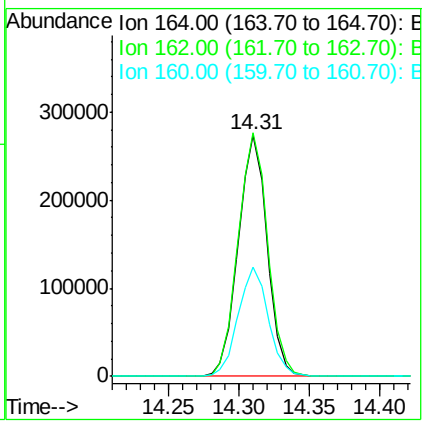


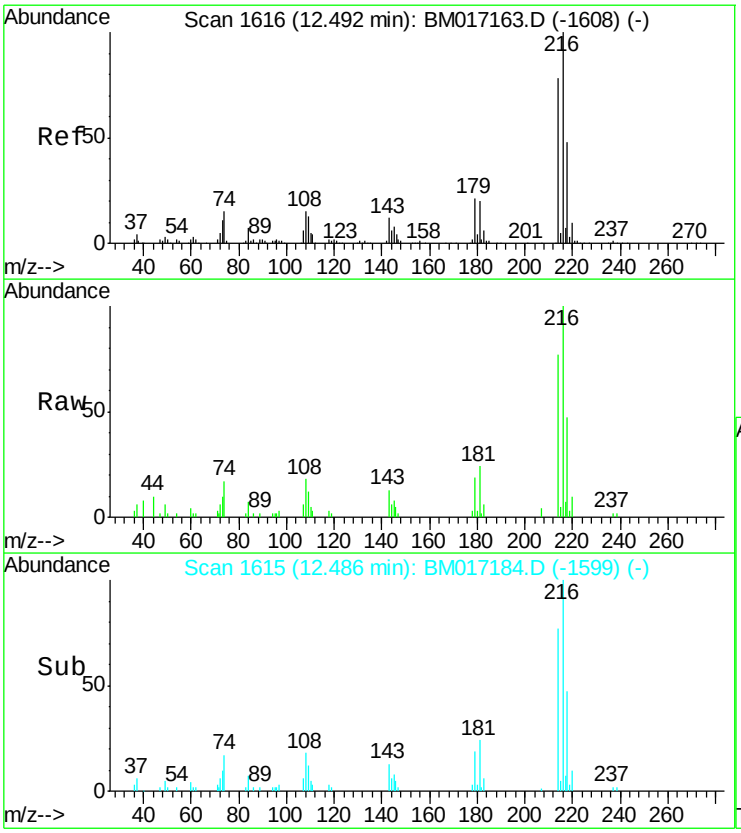
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:164 Resp: 391138

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.1	123.1
160	45.4	40.2	60.2

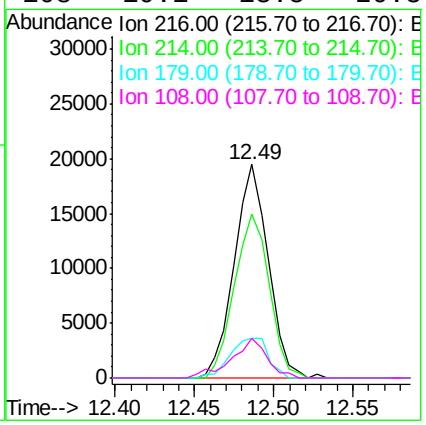


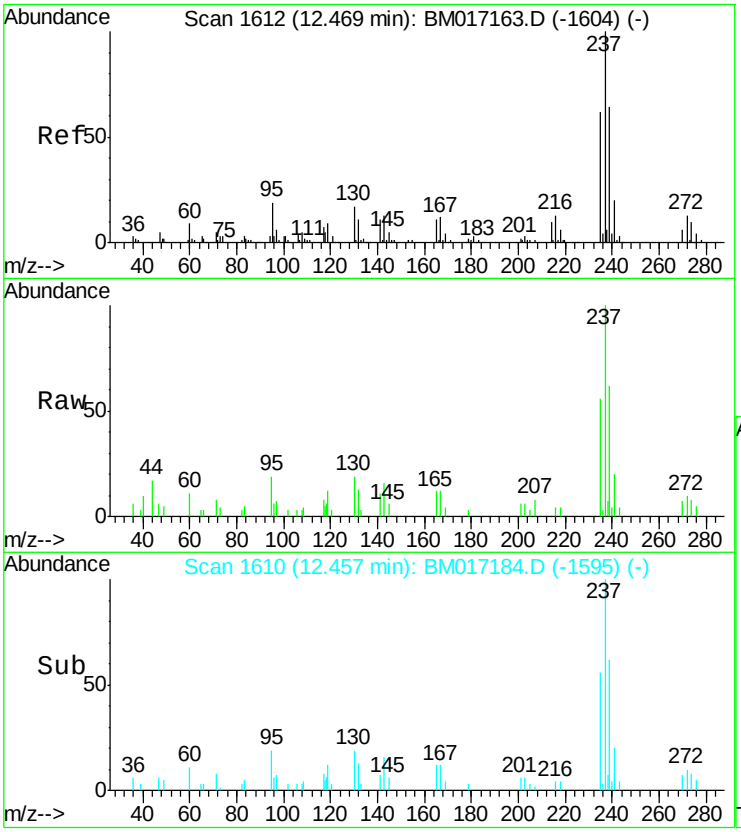


#40
1,2,4,5-Tetrachlorobenzene
Concen: 2.111 ng
RT: 12.49 min Scan# 1615
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:216 Resp: 29077

Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.6	93.8
179	20.9	16.6	24.8
108	19.1	13.5	20.3



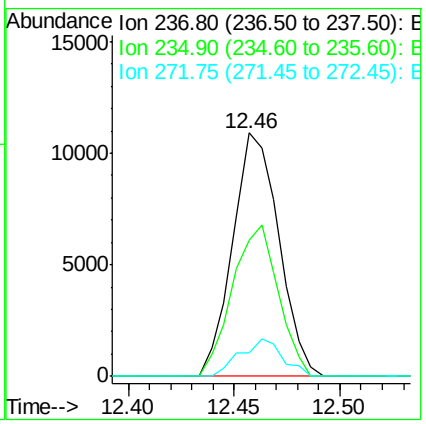


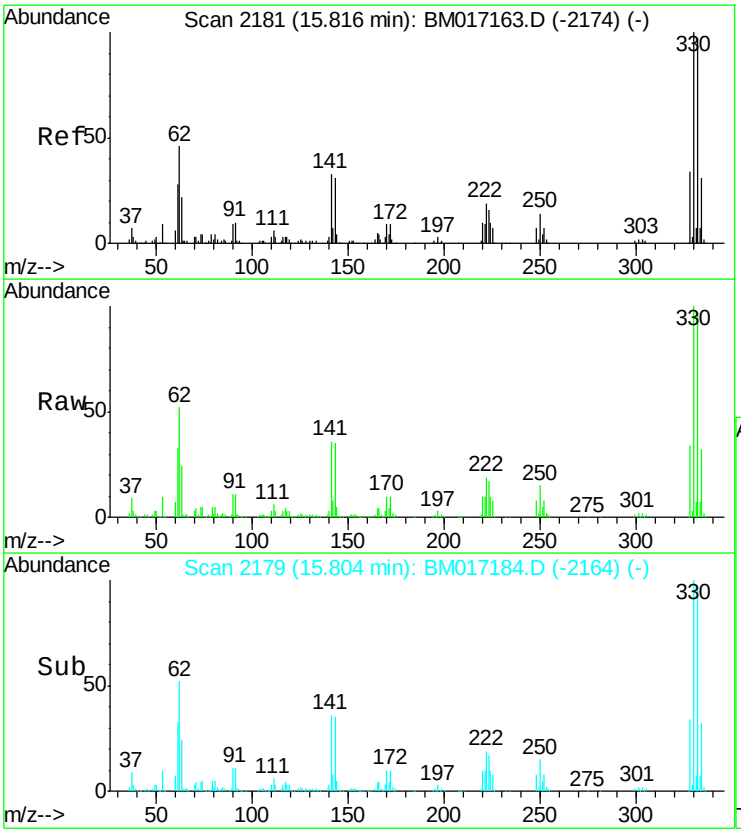
#41
Hexachlorocyclopentadiene
Concen: 2.484 ng
RT: 12.46 min Scan# 1610
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:237 Resp: 16542

Ion	Ratio	Lower	Upper
237	100		
235	56.0	42.4	82.4
272	9.6	0.0	33.0

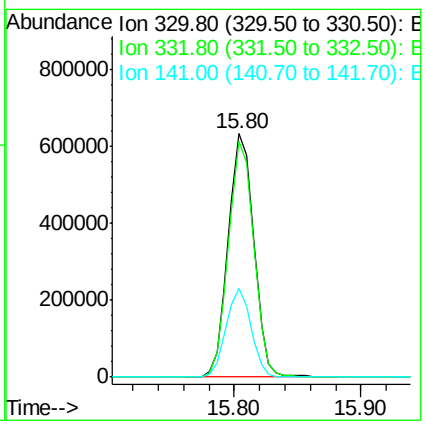


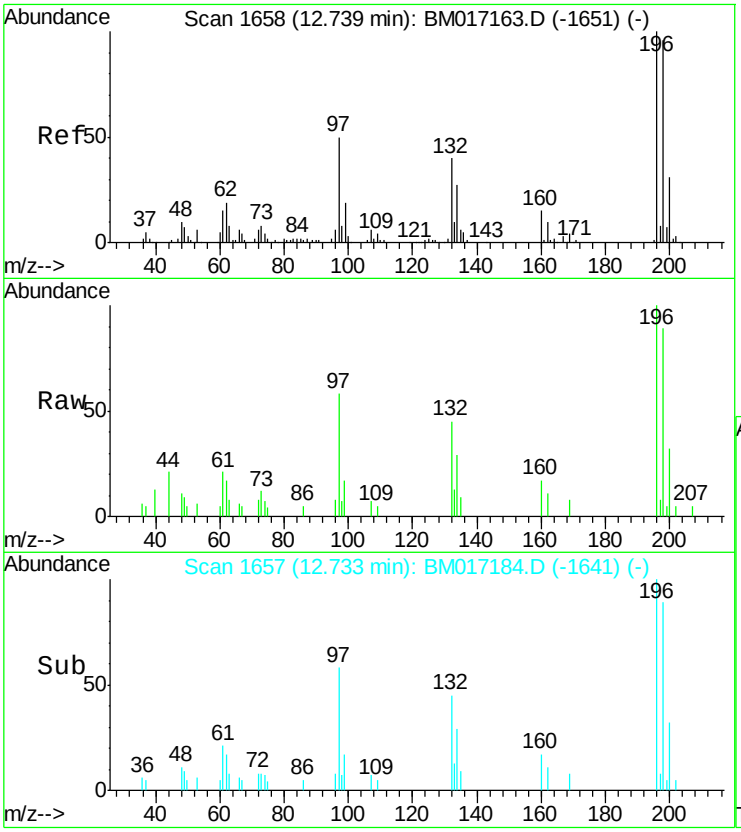


#42
2,4,6-Tribromophenol
Concen: 167.129 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:330 Resp: 884038

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	35.7	27.4	41.0



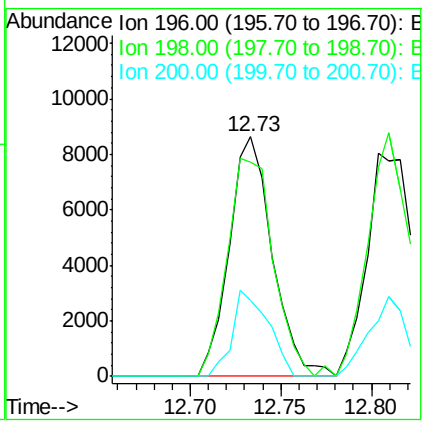


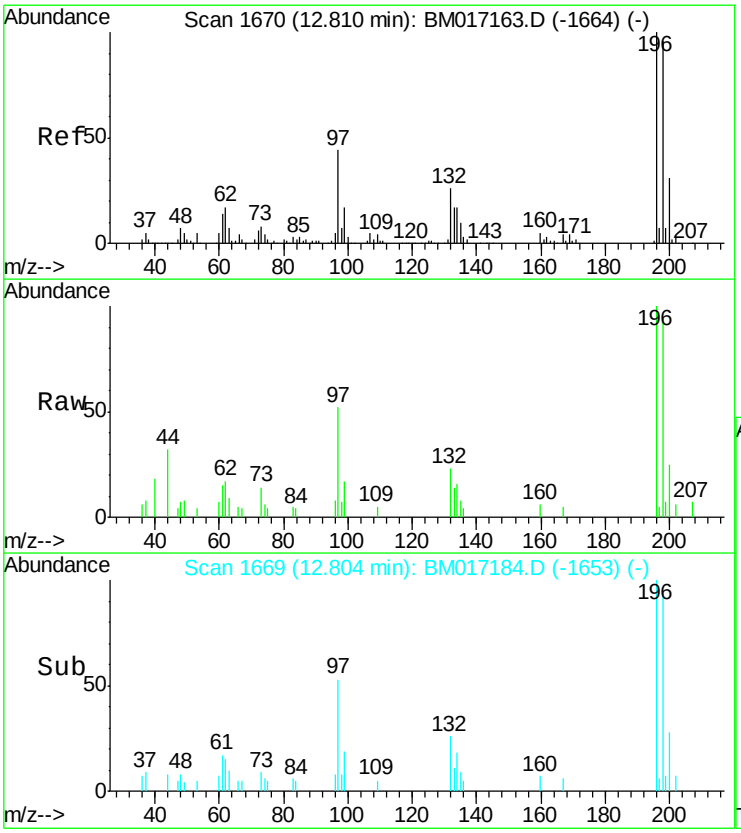
#43
2,4,6-Trichlorophenol
Concen: 1.787 ng
RT: 12.73 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:196 Resp: 14289

Ion	Ratio	Lower	Upper
196	100		
198	89.3	77.1	115.7
200	31.7	25.0	37.4

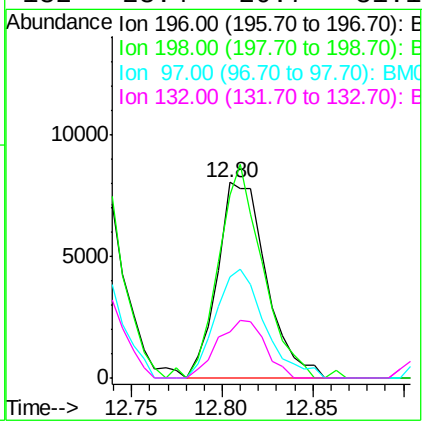


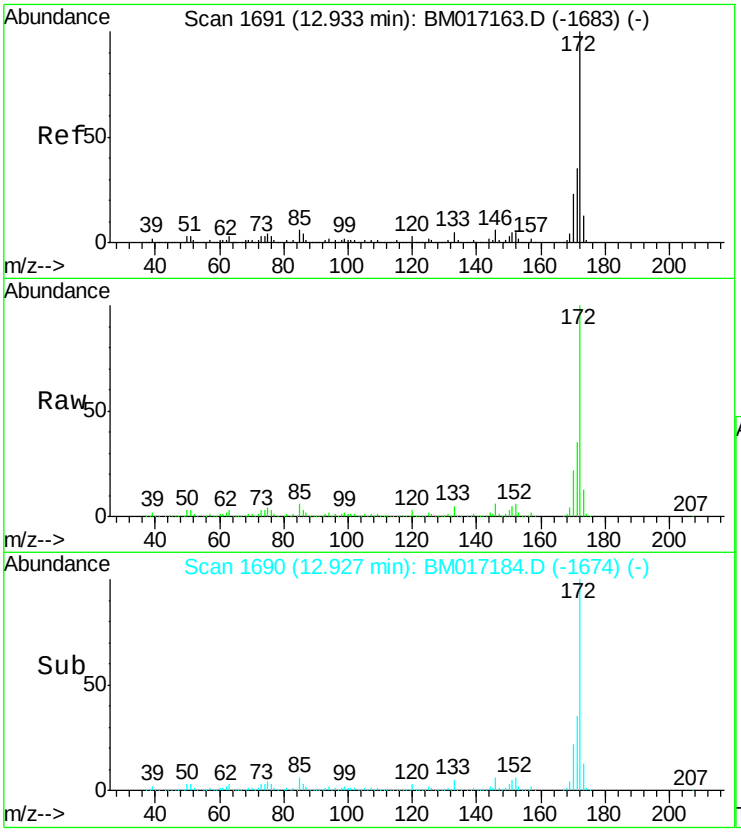


#44
2,4,5-Trichlorophenol
Concen: 1.754 ng
RT: 12.80 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:196 Resp: 15042

Ion	Ratio	Lower	Upper
196	100		
198	93.7	76.6	115.0
97	51.8	35.5	53.3
132	23.4	20.7	31.1



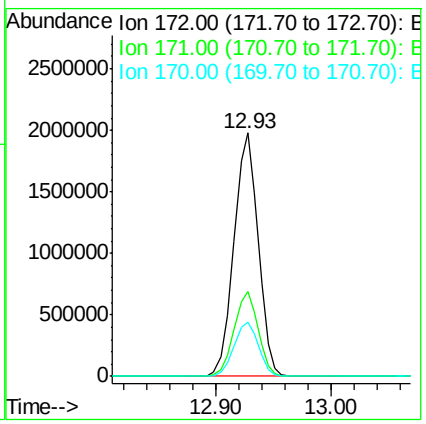


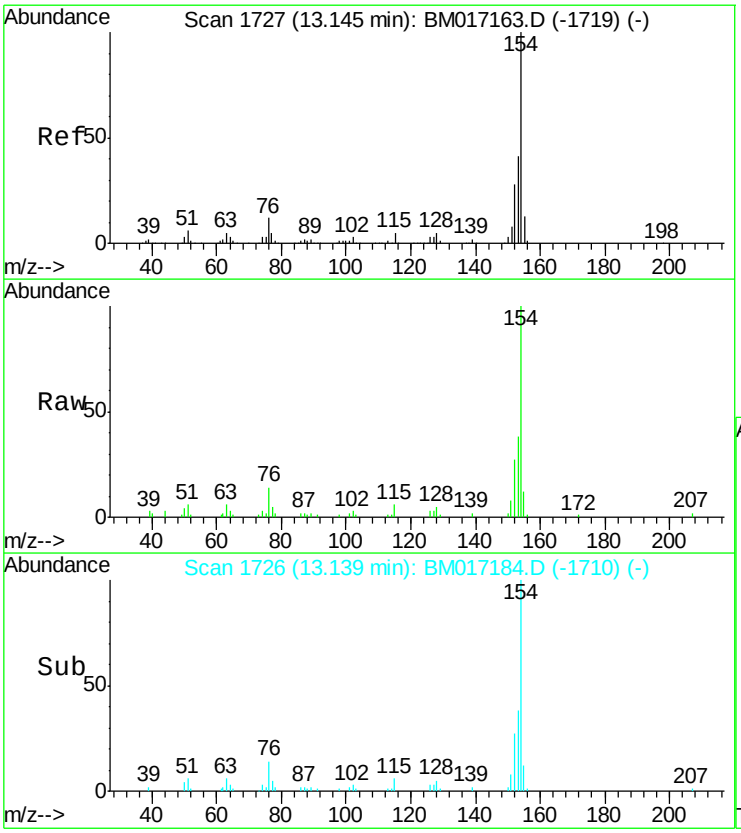
#45
2-Fluorobiphenyl
Concen: 97.392 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:172 Resp: 2863033

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.3	42.5
170	22.4	18.3	27.5

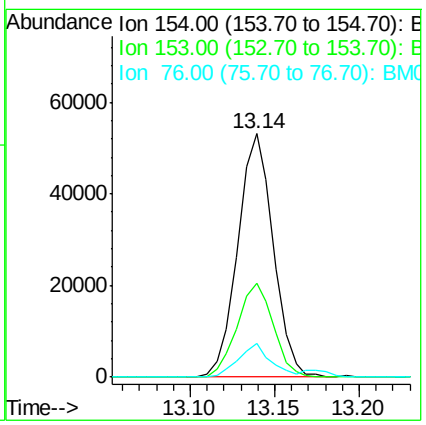


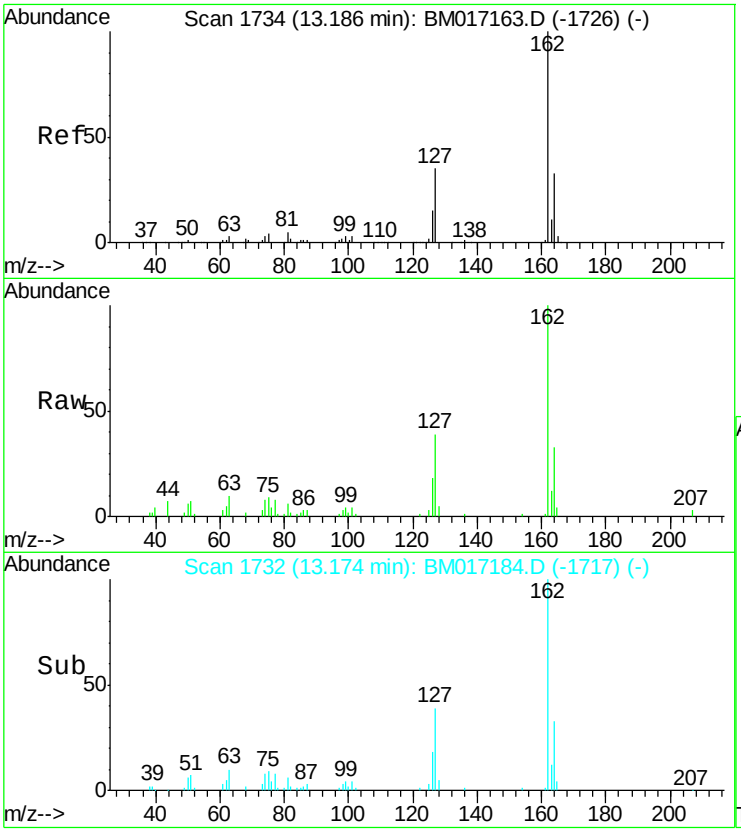


#46
1,1'-Biphenyl
Concen: 2.204 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:154 Resp: 77572

Ion	Ratio	Lower	Upper
154	100		
153	38.3	20.5	60.5
76	13.7	0.0	31.8



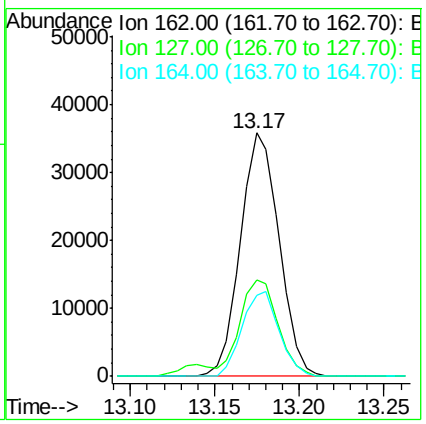


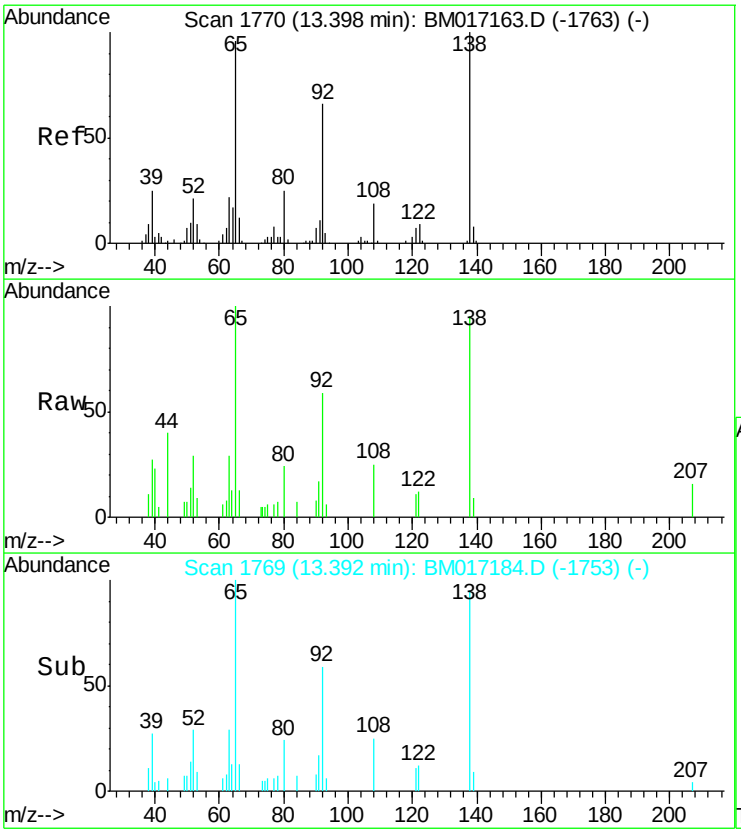
#47
2-Chloronaphthalene
Concen: 2.198 ng
RT: 13.17 min Scan# 1732
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:162 Resp: 56923

Ion	Ratio	Lower	Upper
162	100		
127	39.5	31.0	46.4
164	33.3	26.6	39.8

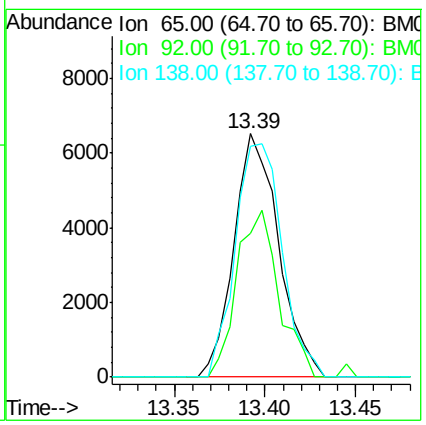


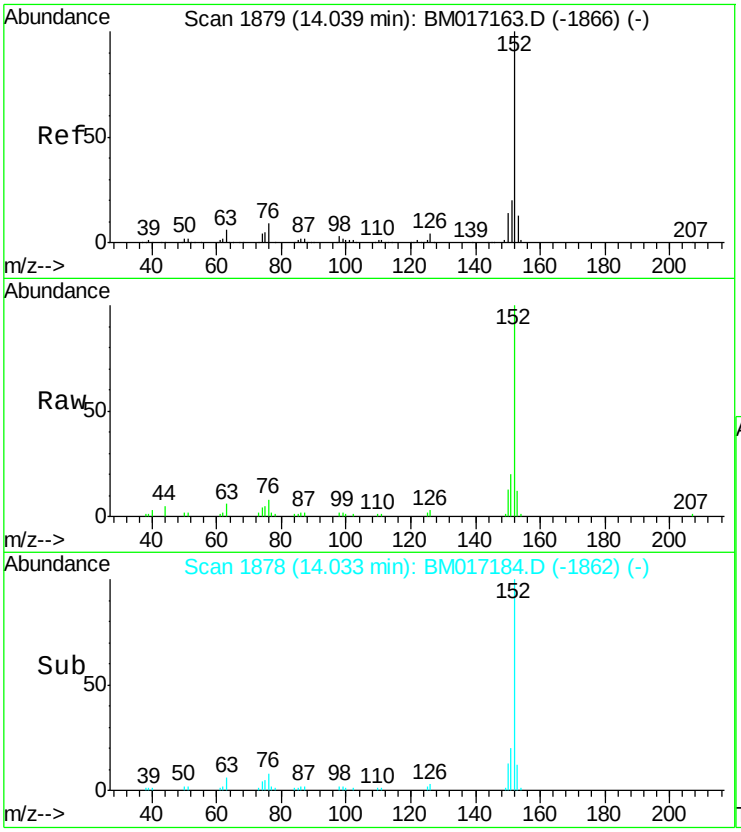


#48
2-Nitroaniline
Concen: 7.040 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion: 65 Resp: 11227

Ion	Ratio	Lower	Upper
65	100		
92	59.1	54.9	82.3
138	95.0	83.7	125.5



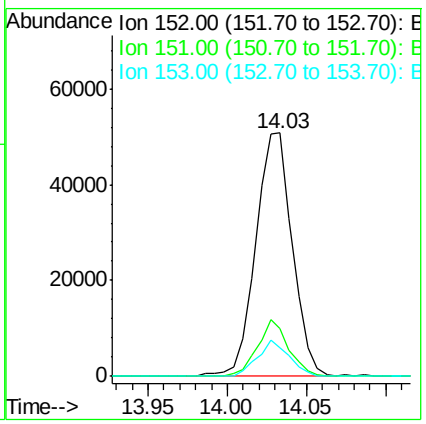


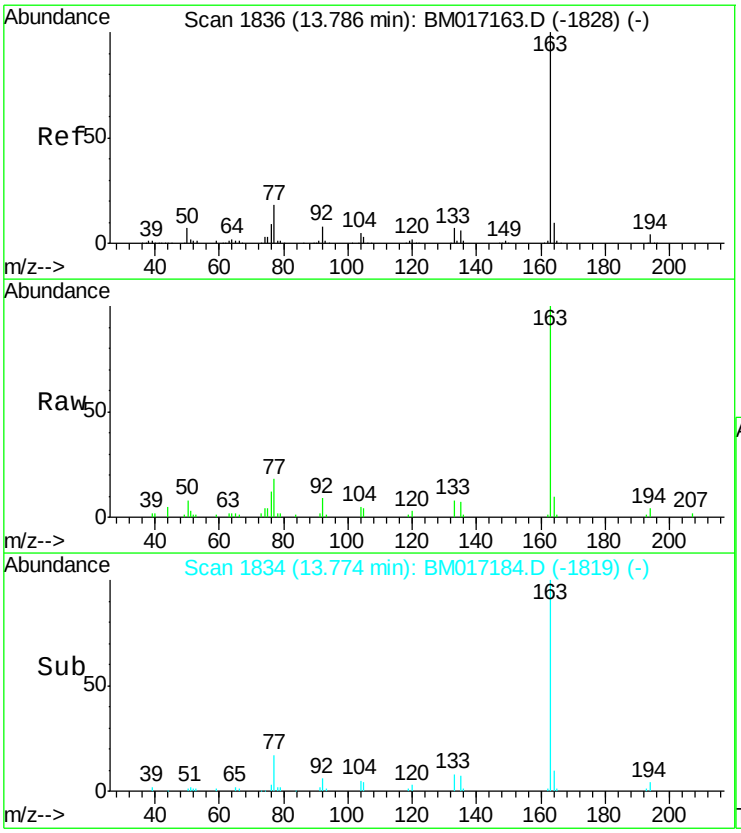
#49
Acenaphthylene
Concen: 2.174 ng
RT: 14.03 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:152 Resp: 81597

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	12.0	10.4	15.6

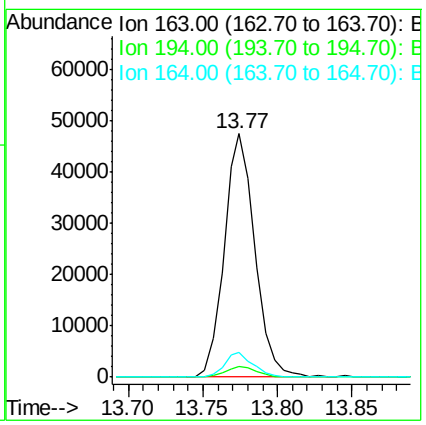


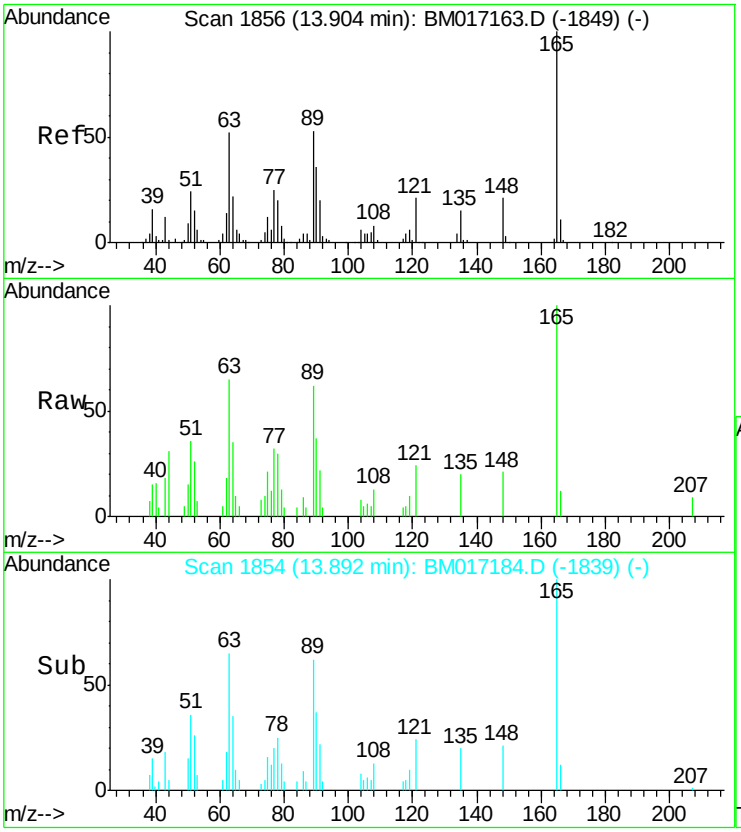


#50
Dimethylphthalate
Concen: 2.257 ng
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:163 Resp: 68100

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.4	7.8	11.8



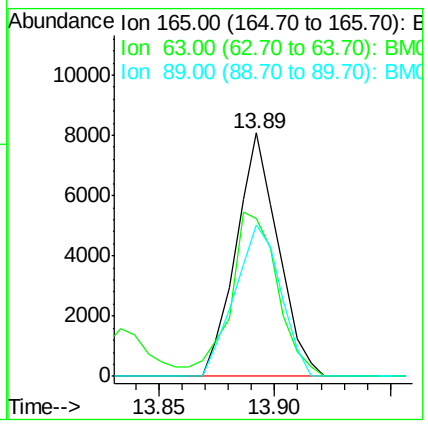


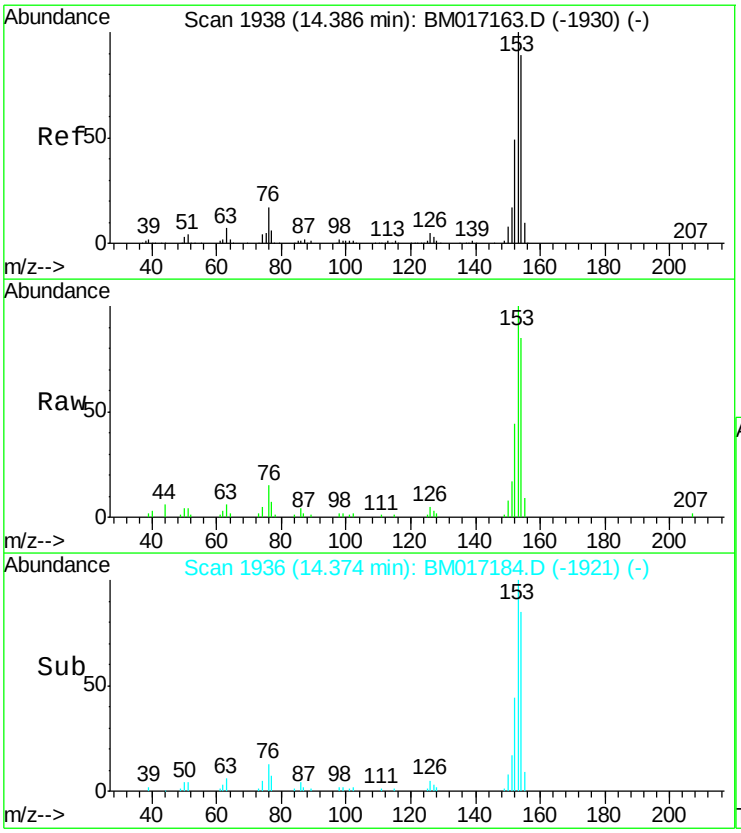
#51
2,6-Dinitrotoluene
Concen: 1.545 ng
RT: 13.89 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:165 Resp: 10261

Ion	Ratio	Lower	Upper
165	100		
63	65.0	42.7	64.1#
89	62.3	42.1	63.1

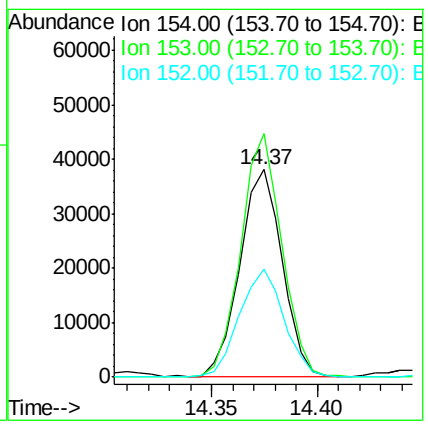


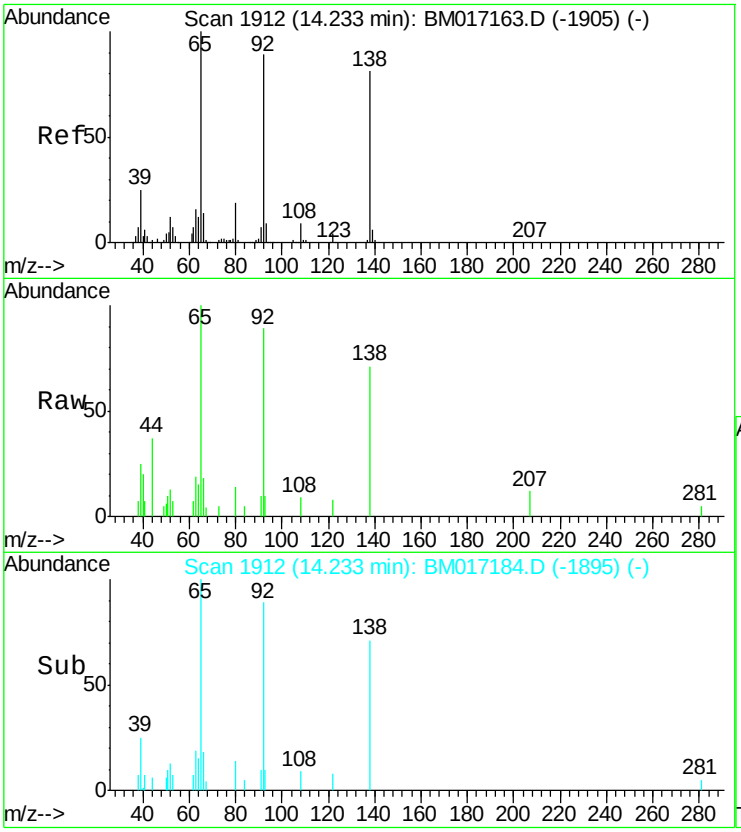


#52
Acenaphthene
Concen: 2.256 ng
RT: 14.37 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:154 Resp: 53156

Ion	Ratio	Lower	Upper
154	100		
153	117.3	90.2	135.2
152	51.9	44.2	66.4



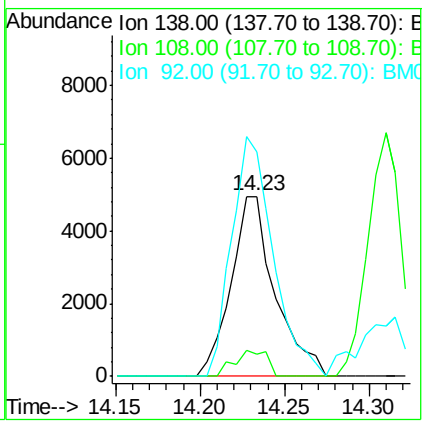


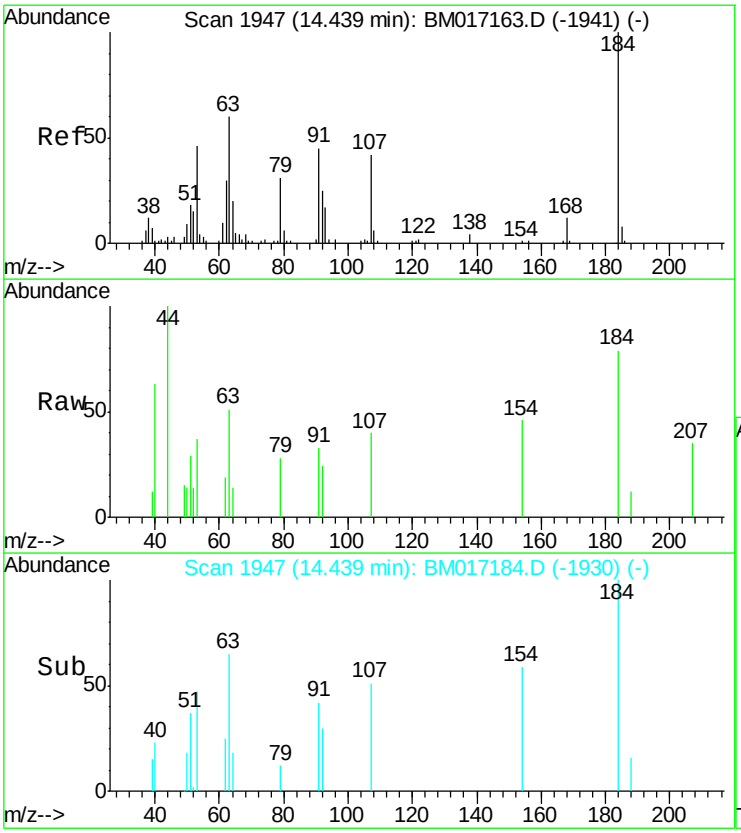
#53
3-Nitroaniline
Concen: 1.247 ng
RT: 14.23 min Scan# 1912
Delta R.T. 0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:138 Resp: 8969

Ion	Ratio	Lower	Upper
138	100		
108	12.2	8.7	13.1
92	125.2	87.9	131.9

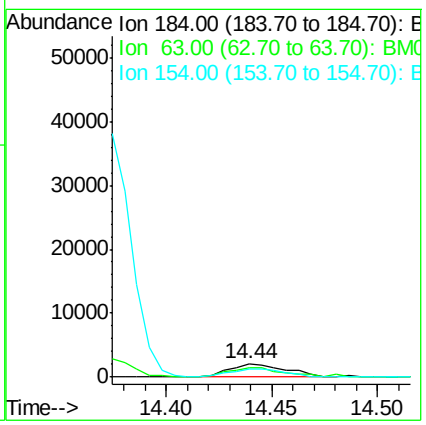


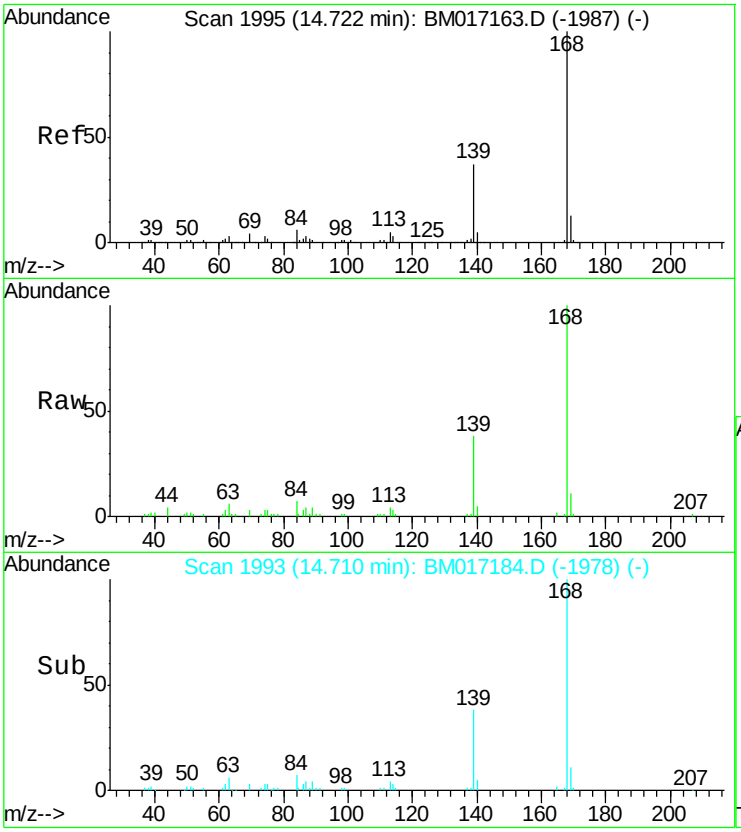


#54
2,4-Dinitrophenol
Concen: 9.089 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:184 Resp: 3747

Ion	Ratio	Lower	Upper
184	100		
63	64.7	51.2	76.8
154	58.9	47.8	71.8



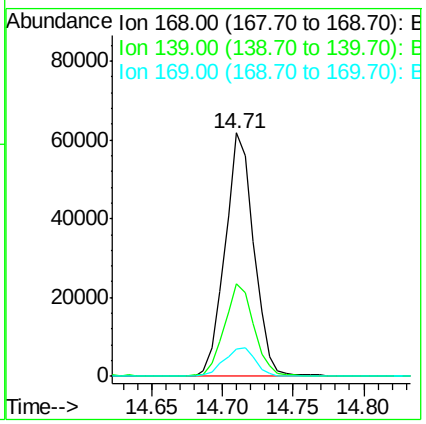


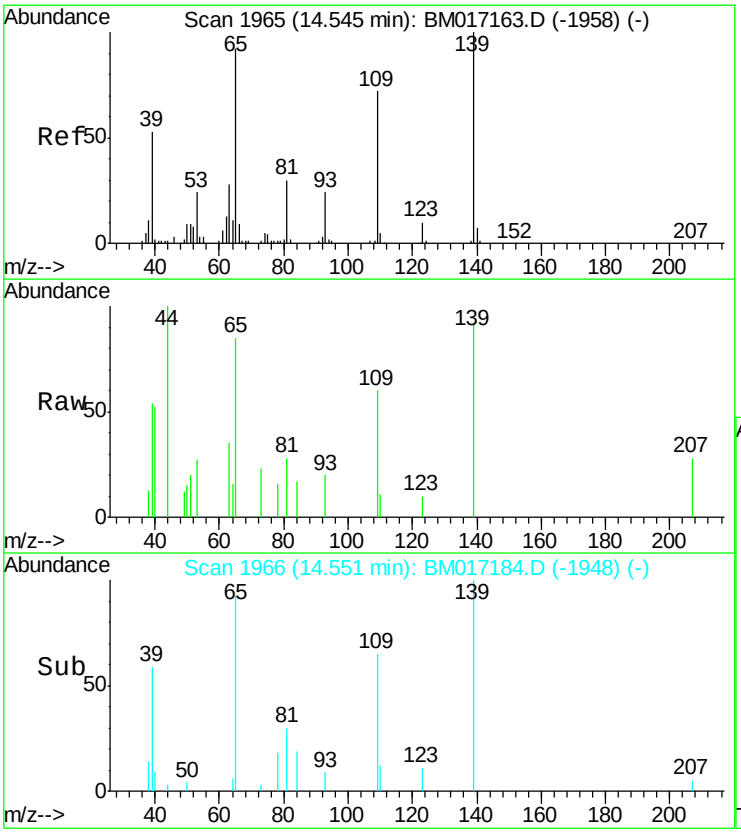
#55
Dibenzofuran
Concen: 2.230 ng
RT: 14.71 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:168 Resp: 87388

Ion	Ratio	Lower	Upper
168	100		
139	38.1	29.3	43.9
169	11.0	10.6	15.8

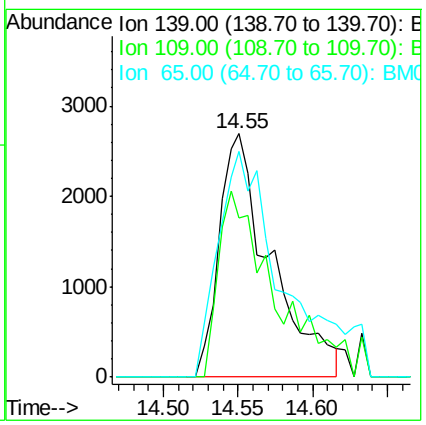


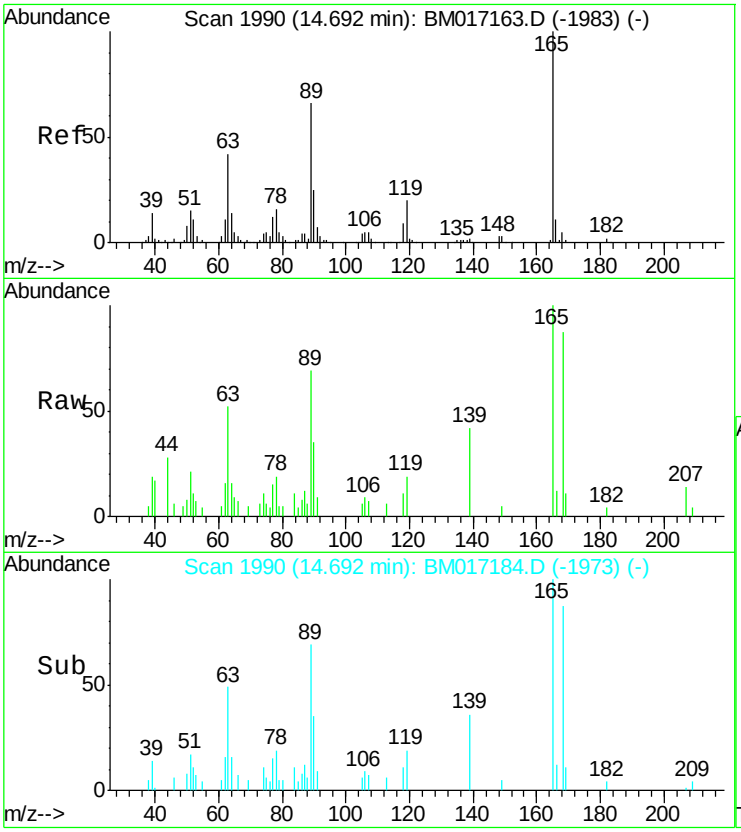


#56
4-Nitrophenol
Concen: 5.645 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:139 Resp: 6468

Ion	Ratio	Lower	Upper
139	100		
109	65.1	51.8	91.8
65	92.9	72.1	112.1



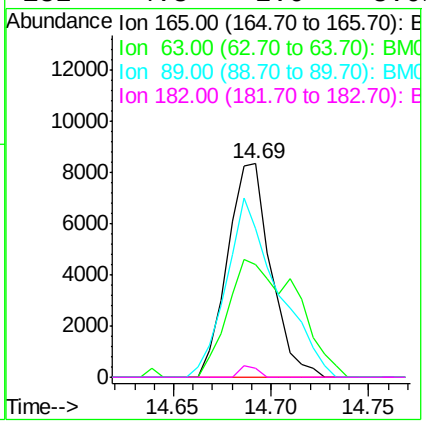


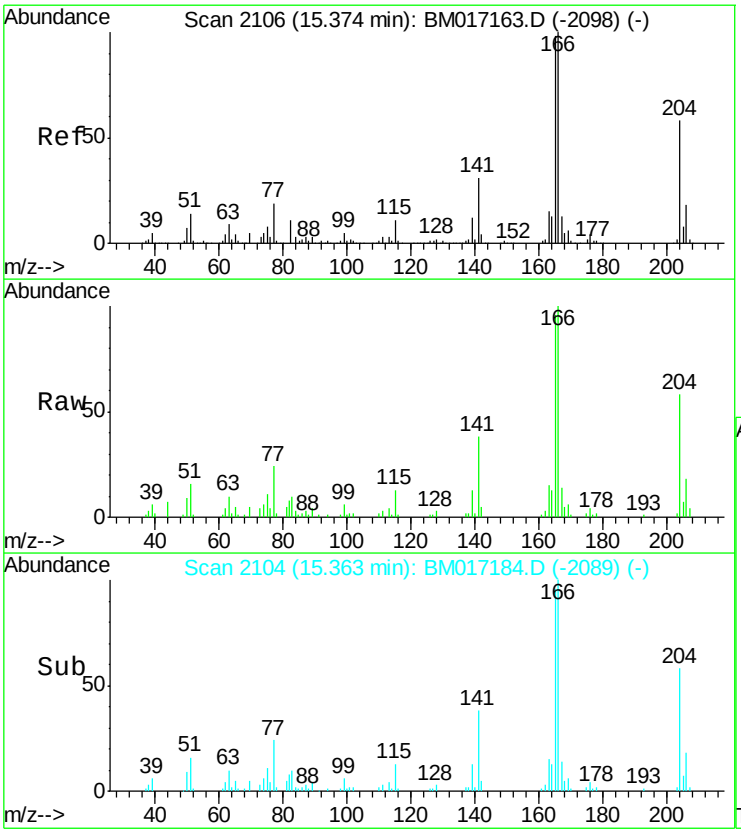
#57
2,4-Dinitrotoluene
Concen: 1.436 ng
RT: 14.69 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:165 Resp: 12820

Ion	Ratio	Lower	Upper
165	100		
63	52.5	33.8	50.8#
89	69.5	53.1	79.7
182	4.3	2.0	3.0#

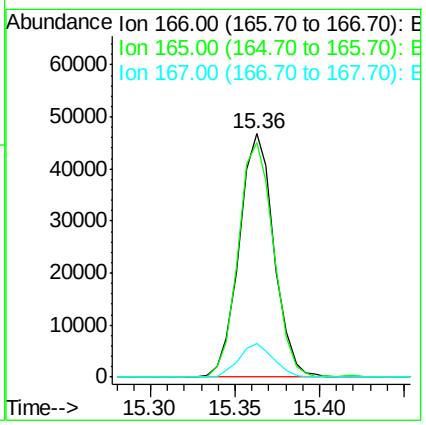


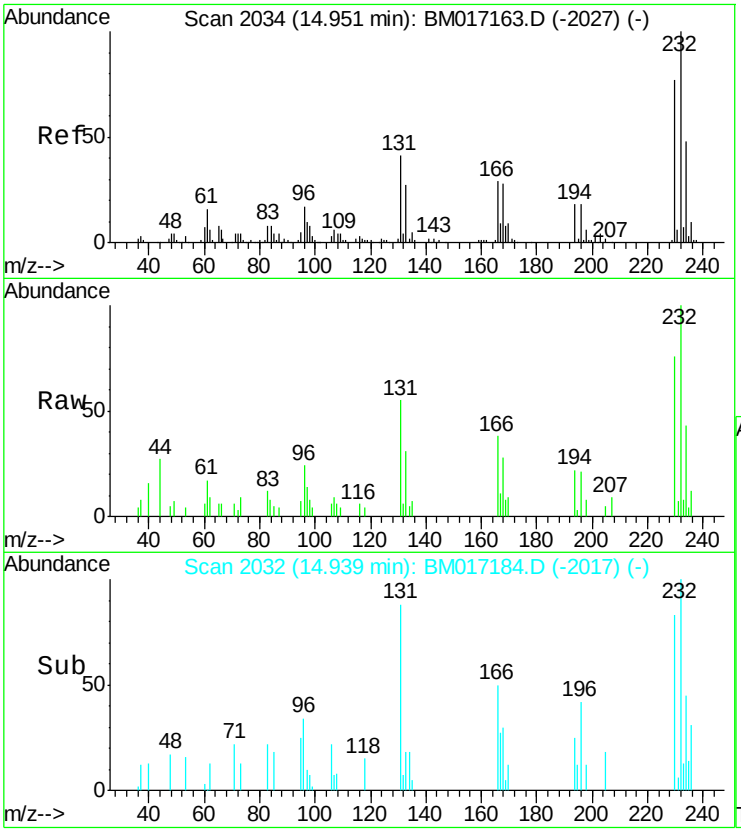


#58
Fluorene
Concen: 2.307 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:166 Resp: 66930

Ion	Ratio	Lower	Upper
166	100		
165	96.4	78.1	117.1
167	13.7	10.6	16.0



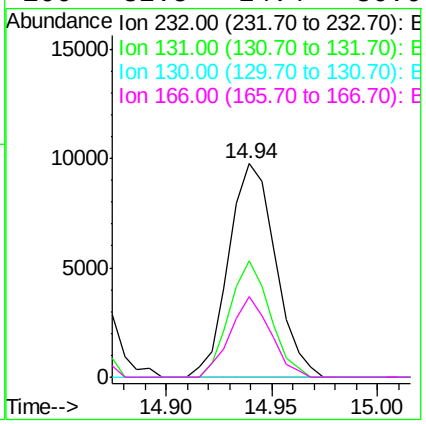


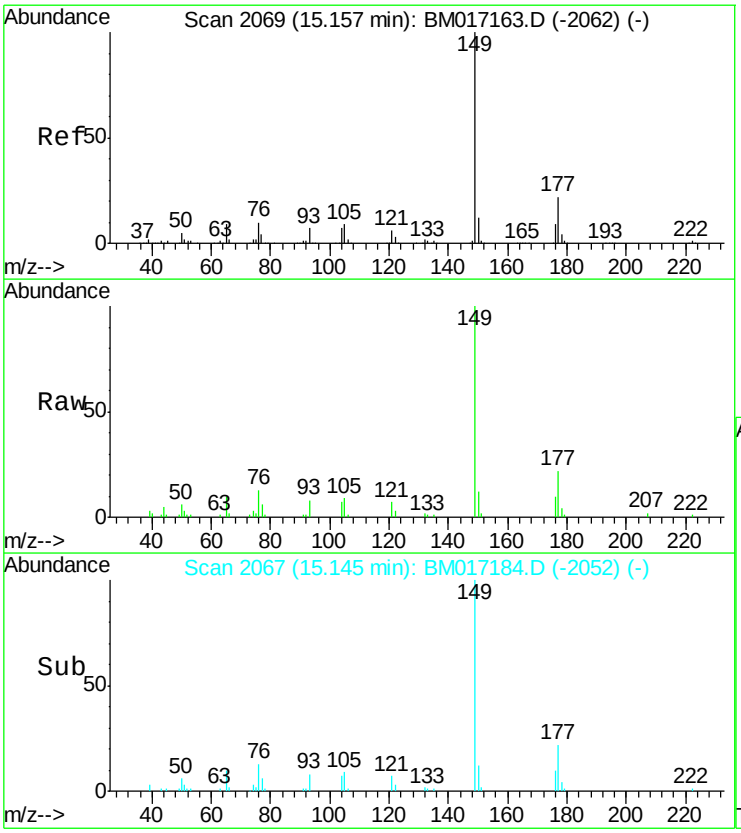
#59
2,3,4,6-Tetrachlorophenol
Concen: 1.921 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:232 Resp: 15013

Ion	Ratio	Lower	Upper
232	100		
131	47.3	33.1	49.7
130	0.0	1.7	2.5#
166	32.5	24.4	36.6

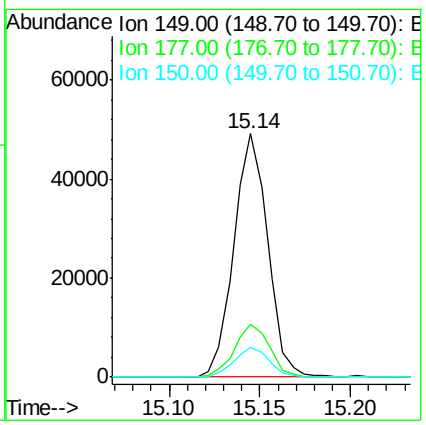


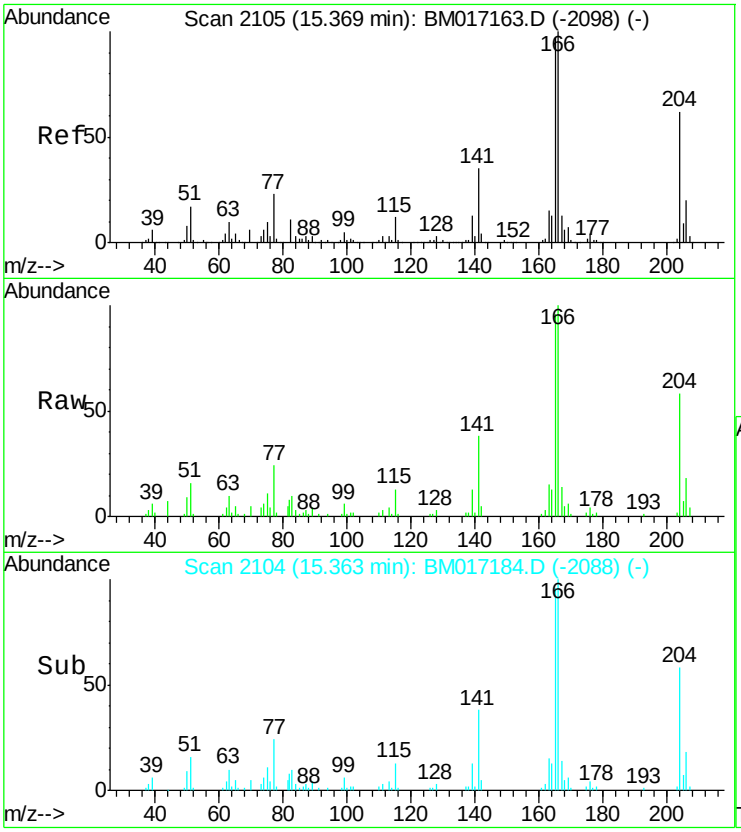


#60
Diethylphthalate
Concen: 2.132 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:149 Resp: 63817

Ion	Ratio	Lower	Upper
149	100		
177	22.0	17.7	26.5
150	12.1	10.0	15.0



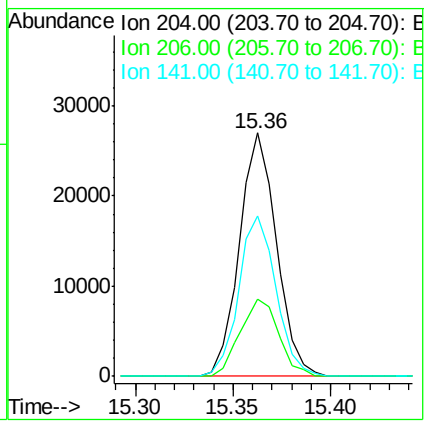


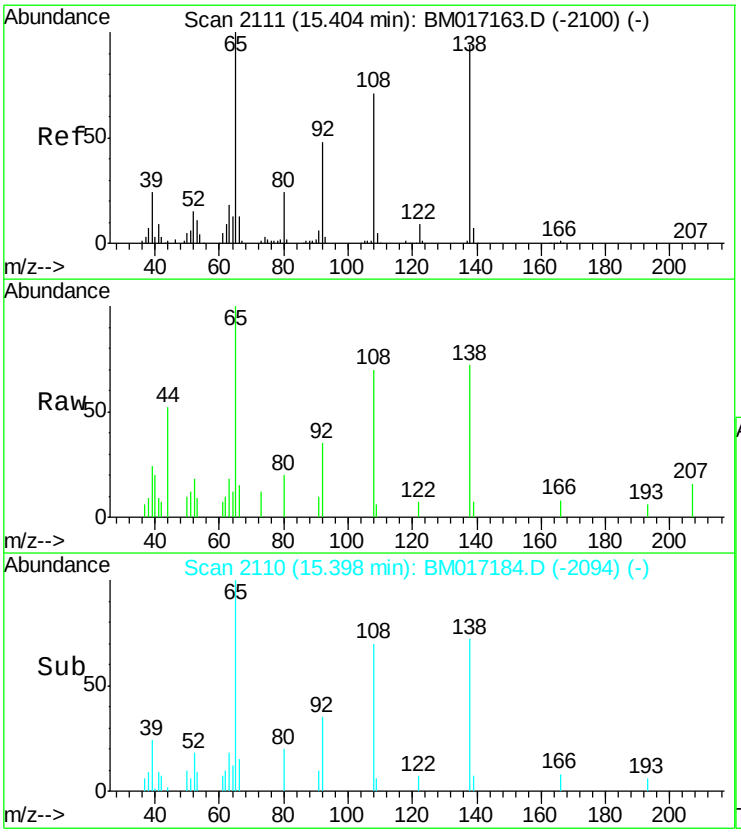
#61
4-Chlorophenyl-phenylether
Concen: 2.148 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:204 Resp: 35529

Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.1	39.1
141	65.7	45.4	68.2

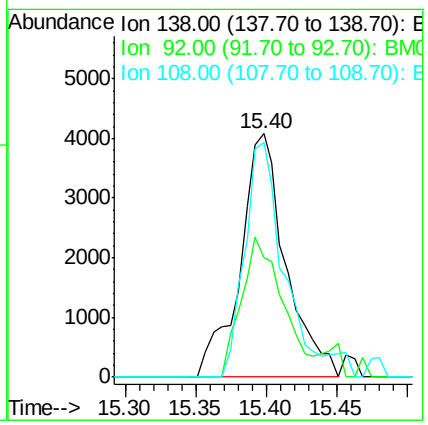


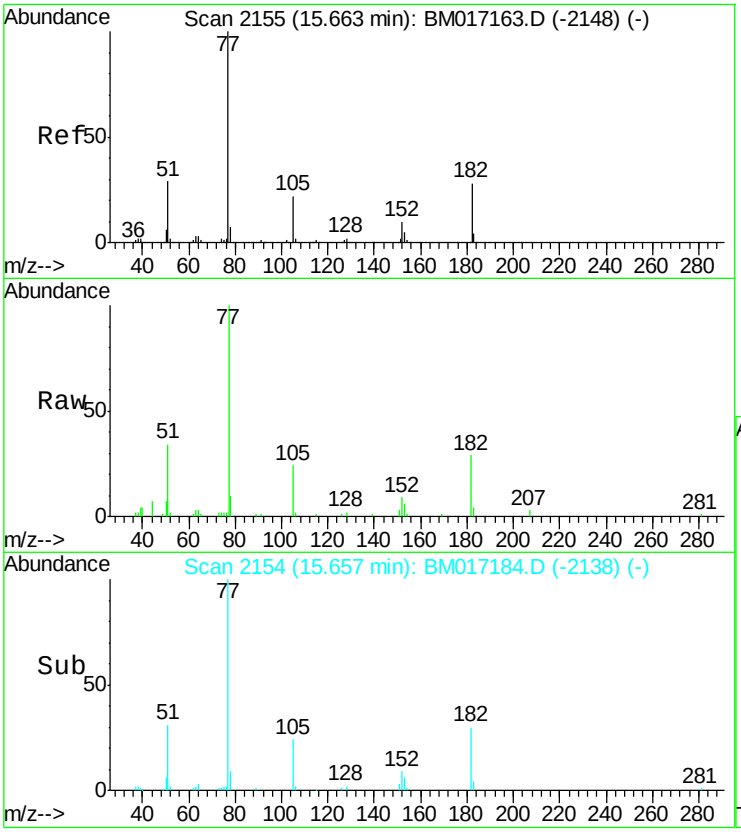


#62
4-Nitroaniline
Concen: 5.789 ng
RT: 15.40 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:138 Resp: 9215

Ion	Ratio	Lower	Upper
138	100		
92	48.9	31.2	71.2
108	96.5	55.5	95.5#



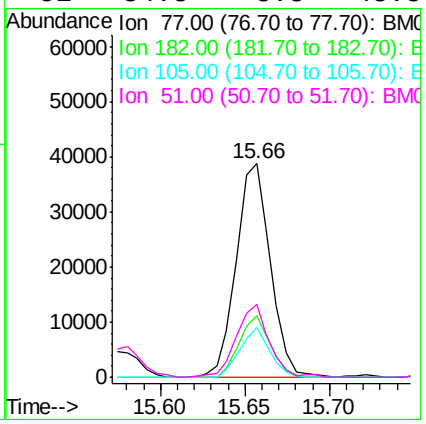


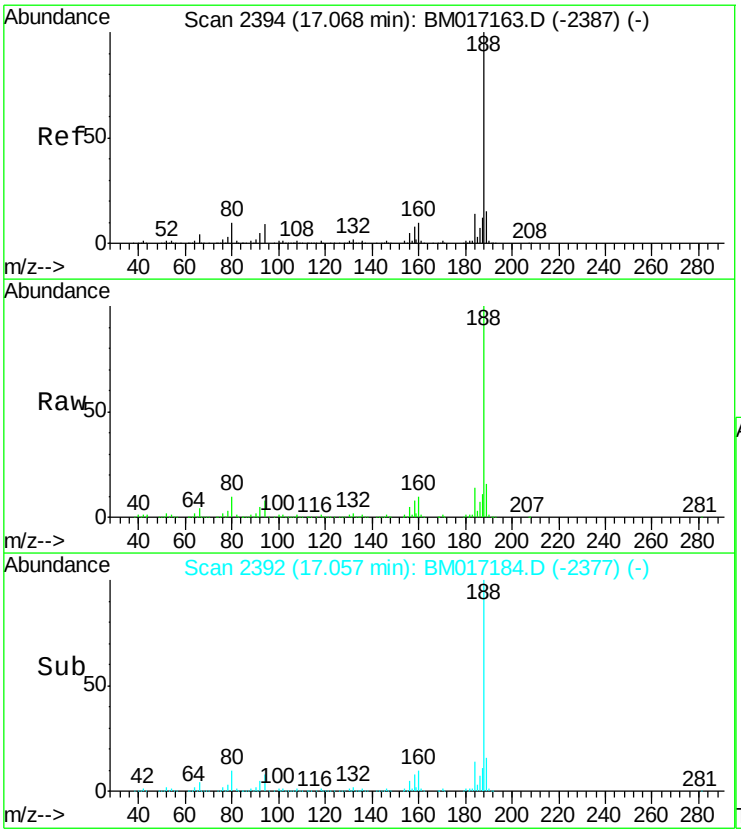
#63
Azobenzene
Concen: 1.877 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion: 77 Resp: 54585

Ion	Ratio	Lower	Upper
77	100		
182	28.9	8.3	48.3
105	23.6	1.5	41.5
51	34.3	8.8	48.8

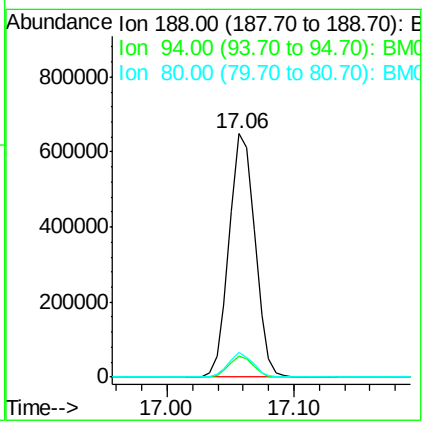


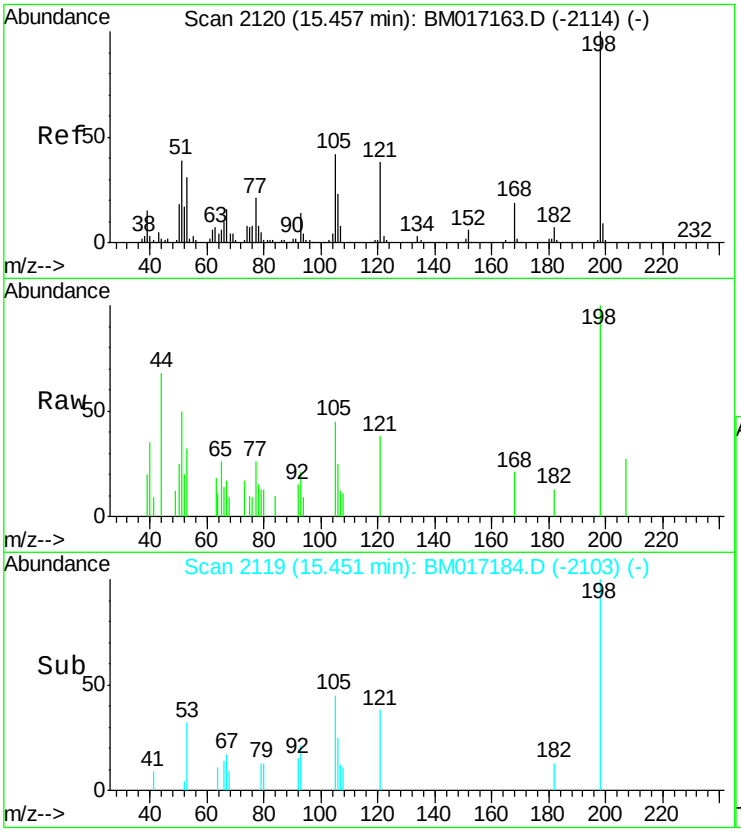


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:188 Resp: 915113

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	10.1	7.7	11.5



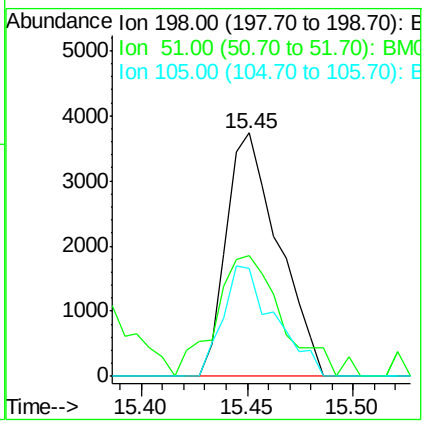


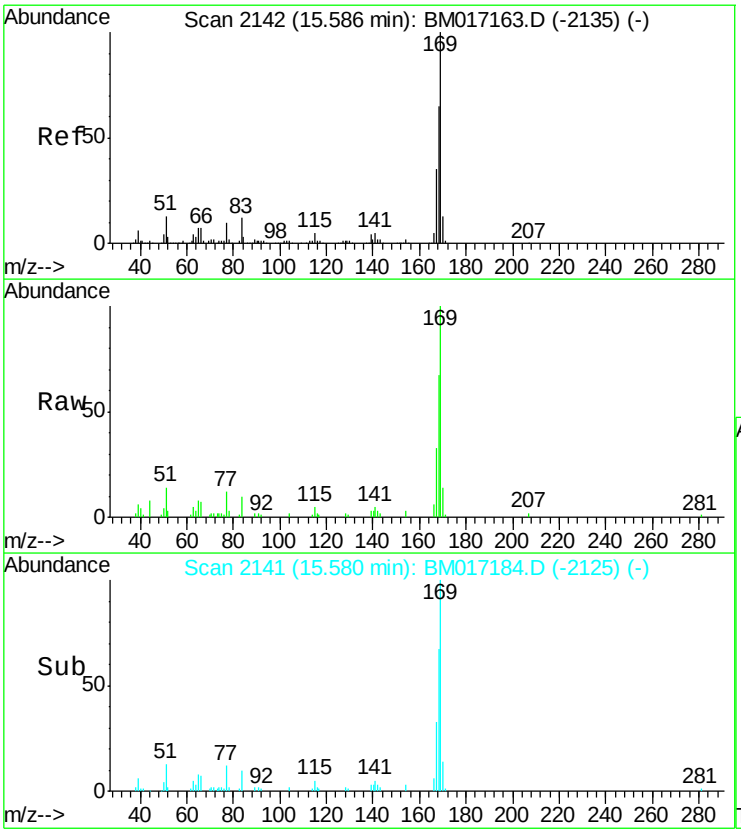
#65
4,6-Dinitro-2-methylphenol
Concen: 7.935 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:198 Resp: 6414

Ion	Ratio	Lower	Upper
198	100		
51	49.8	20.3	60.3
105	44.6	21.9	61.9

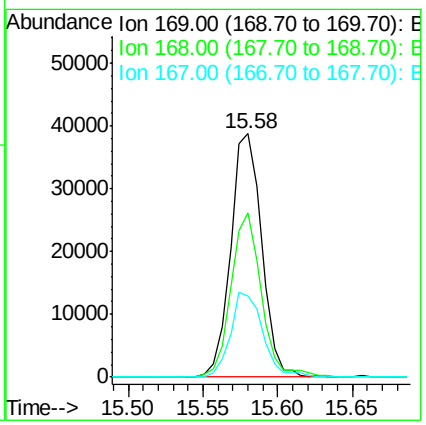


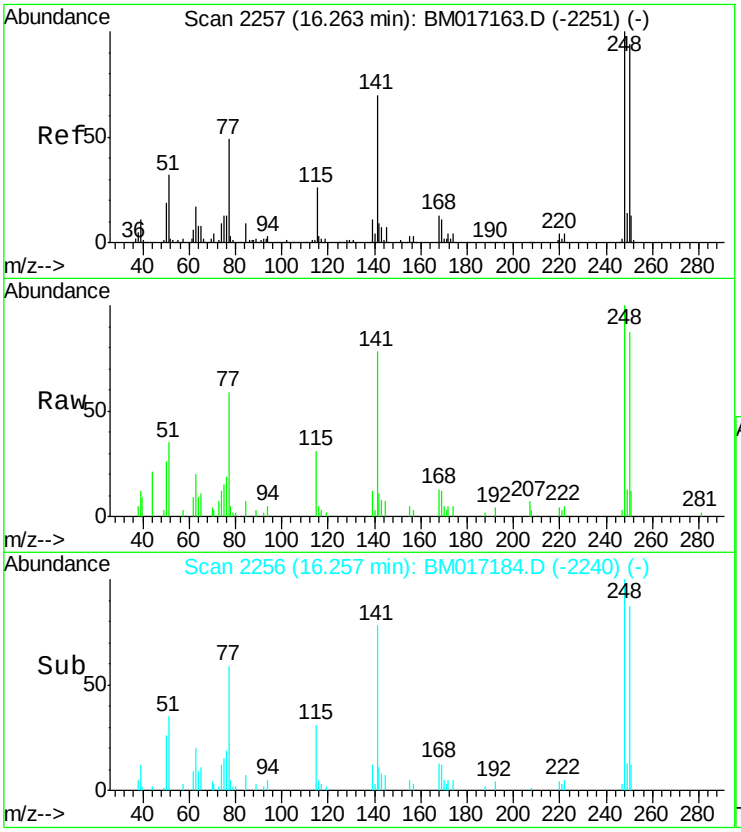


#66
n-Nitrosodiphenylamine
Concen: 2.031 ng
RT: 15.58 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:169 Resp: 56238

Ion	Ratio	Lower	Upper
169	100		
168	67.3	52.2	78.4
167	33.5	28.4	42.6



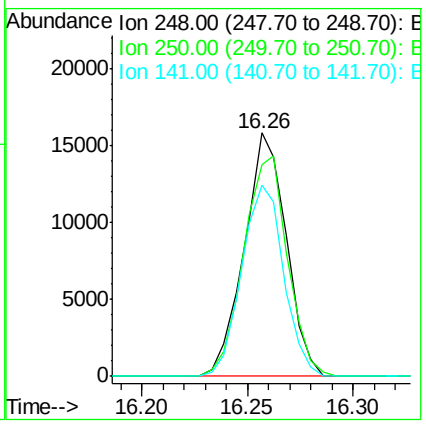


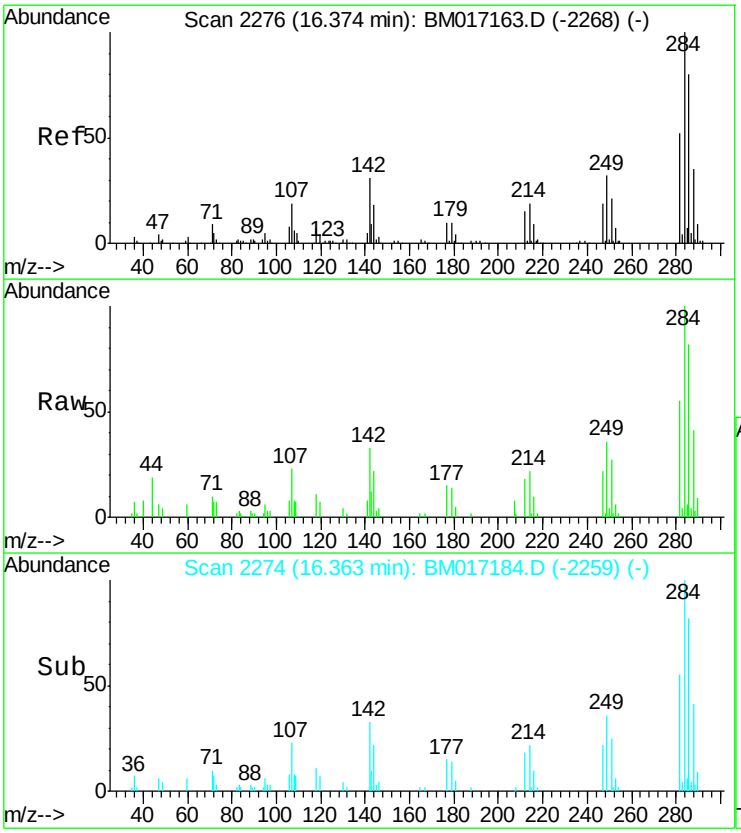
#67
4-Bromophenyl-phenylether
Concen: 2.170 ng
RT: 16.26 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:248 Resp: 21805

Ion	Ratio	Lower	Upper
248	100		
250	87.1	75.1	112.7
141	78.5	55.6	83.4

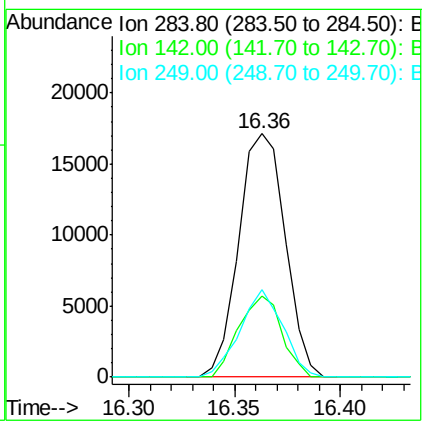


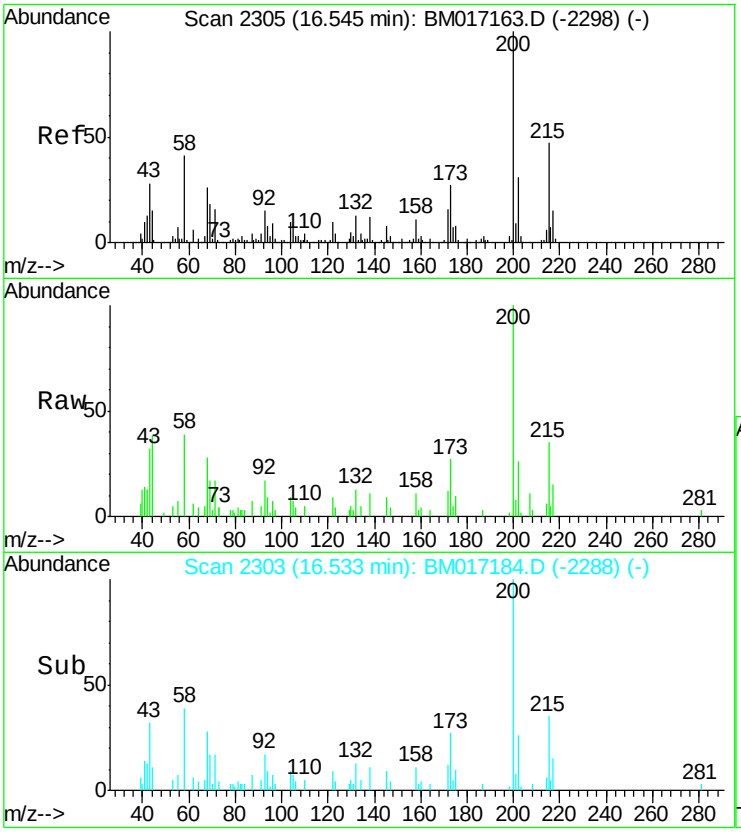


#68
Hexachlorobenzene
Concen: 2.240 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:284 Resp: 26146

Ion	Ratio	Lower	Upper
284	100		
142	33.5	25.0	37.6
249	36.0	25.5	38.3



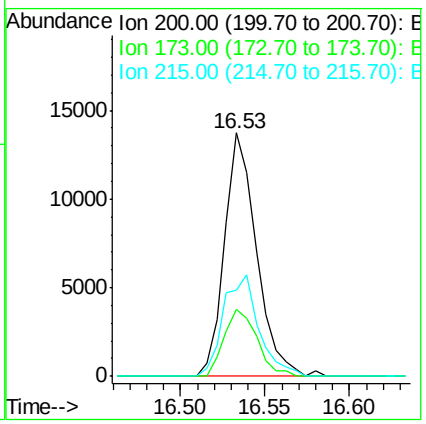


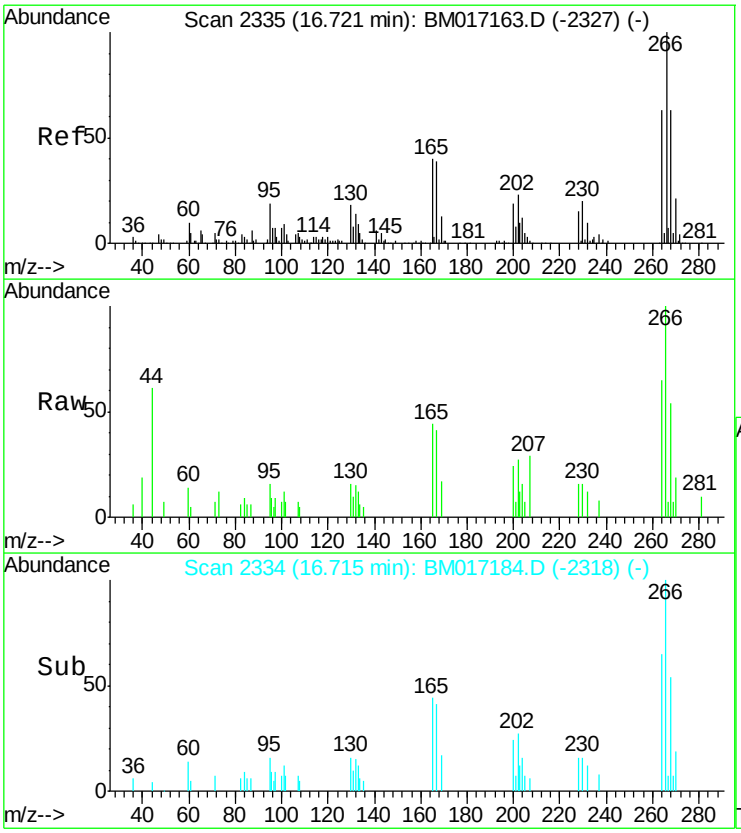
#69
Atrazine
Concen: 1.833 ng
RT: 16.53 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:200 Resp: 18161

Ion	Ratio	Lower	Upper
200	100		
173	27.4	7.0	47.0
215	35.4	27.3	67.3

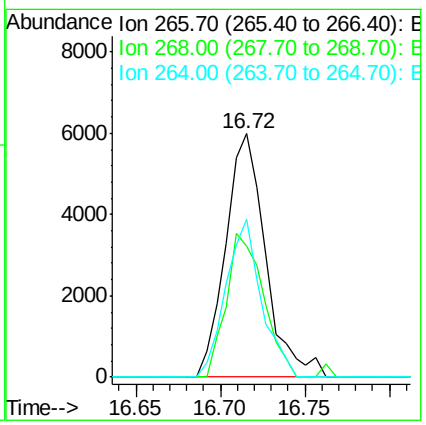


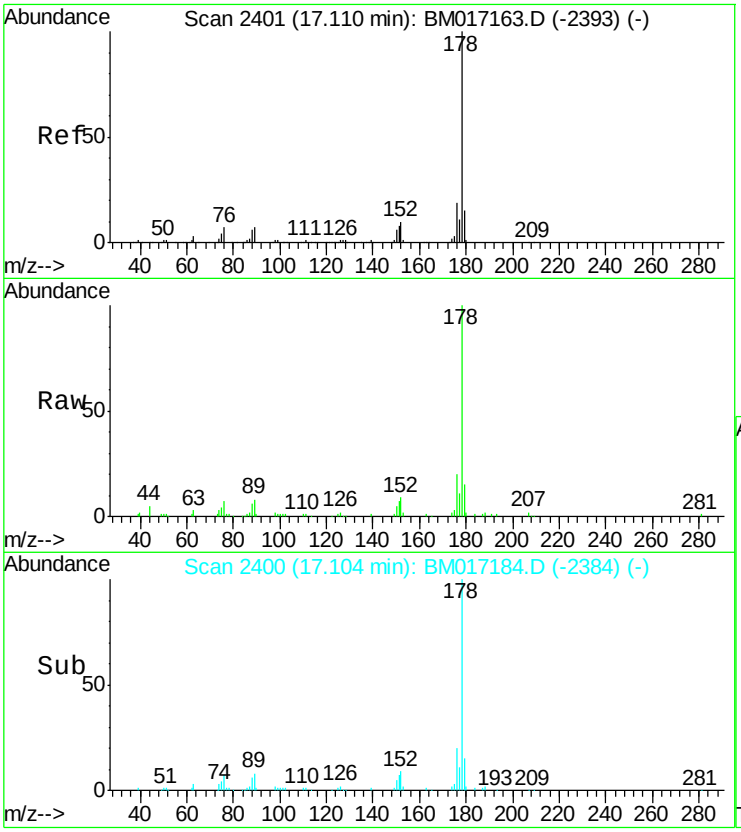


#70
Pentachlorophenol
Concen: 1.234 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:266 Resp: 9867

Ion	Ratio	Lower	Upper
266	100		
268	53.6	50.7	76.1
264	64.9	50.4	75.6



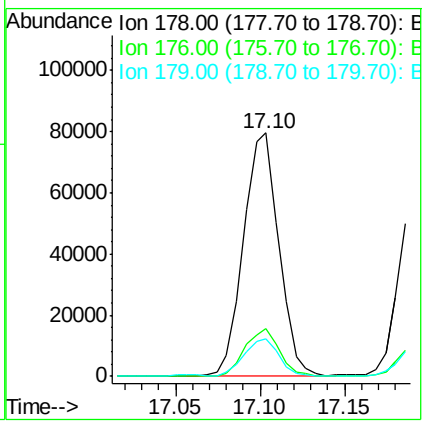


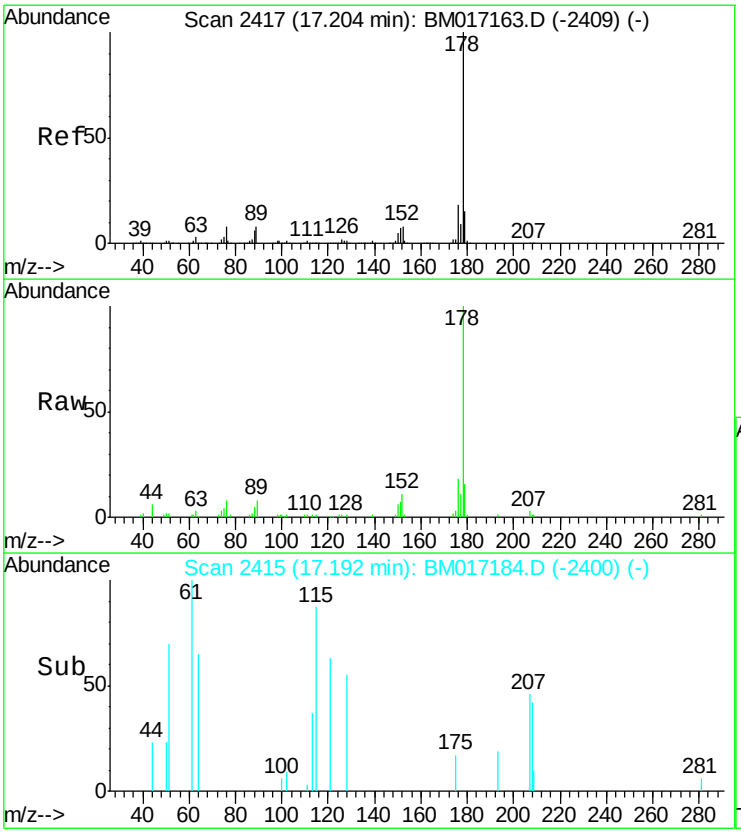
#71
Phenanthrene
Concen: 2.352 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:178 Resp: 116146

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.6
179	15.4	12.3	18.5

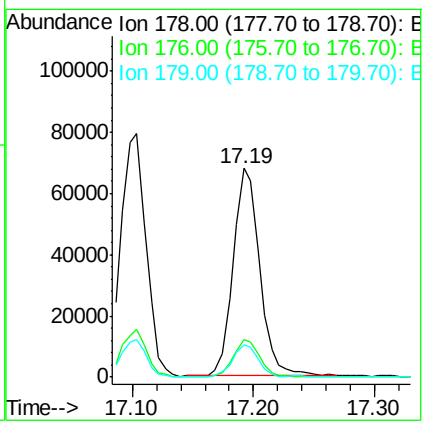


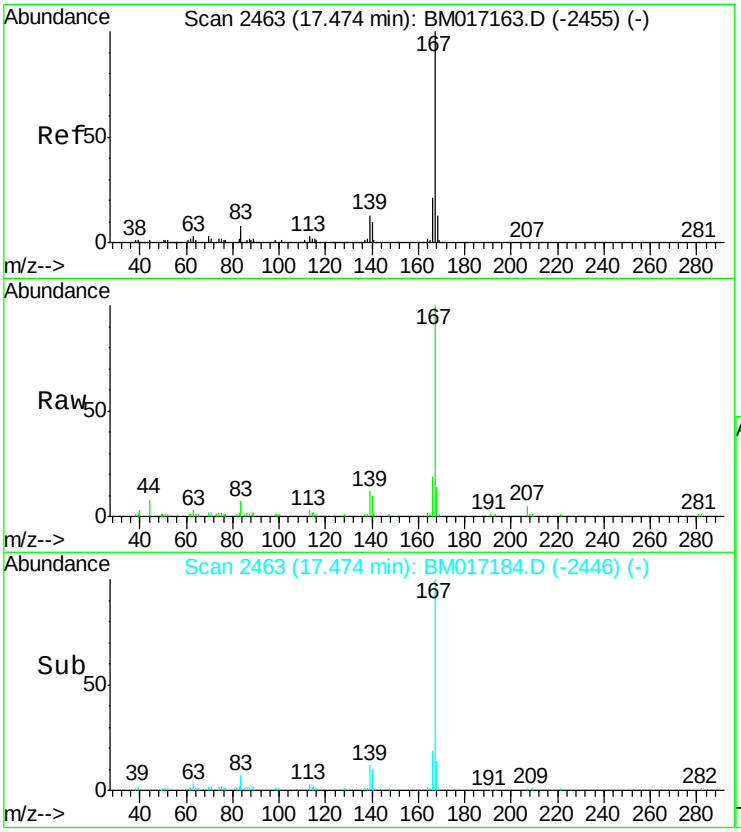


#72
Anthracene
Concen: 2.230 ng
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:178 Resp: 104610

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.5	12.2	18.2



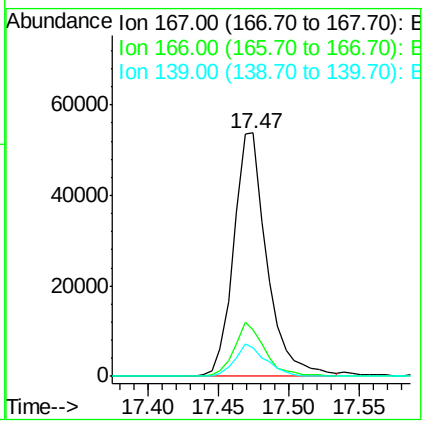


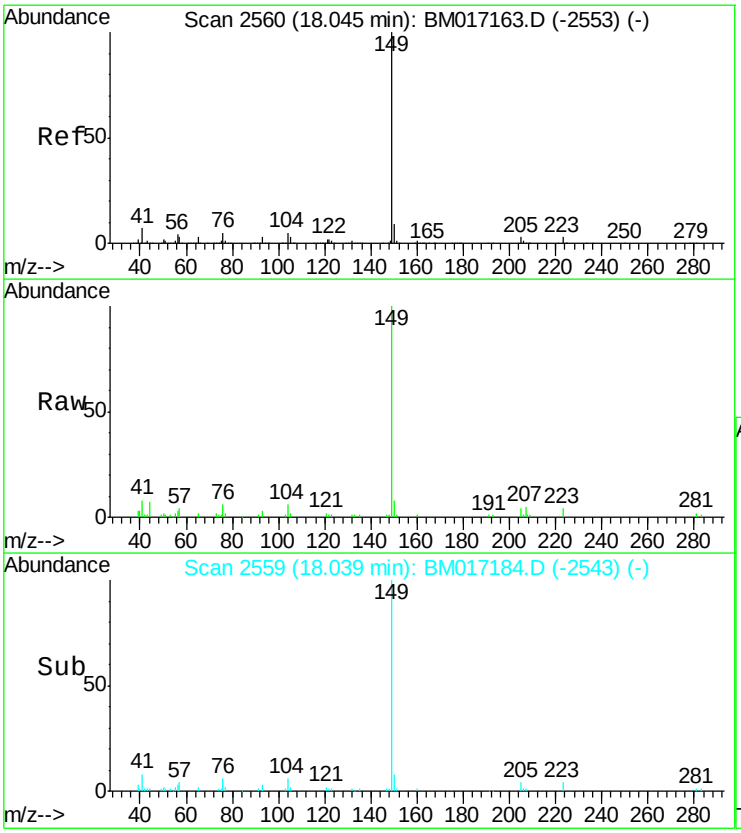
#73
Carbazole
Concen: 1.846 ng
RT: 17.47 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:167 Resp: 88475

Ion	Ratio	Lower	Upper
167	100		
166	19.0	17.1	25.7
139	11.7	10.1	15.1

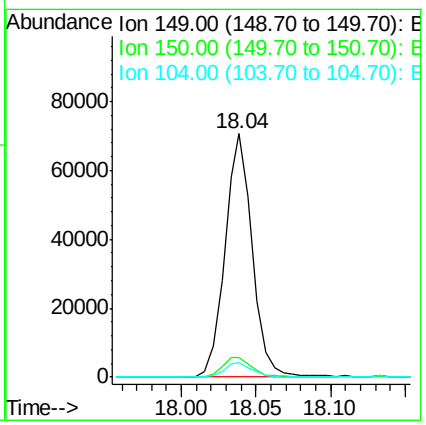


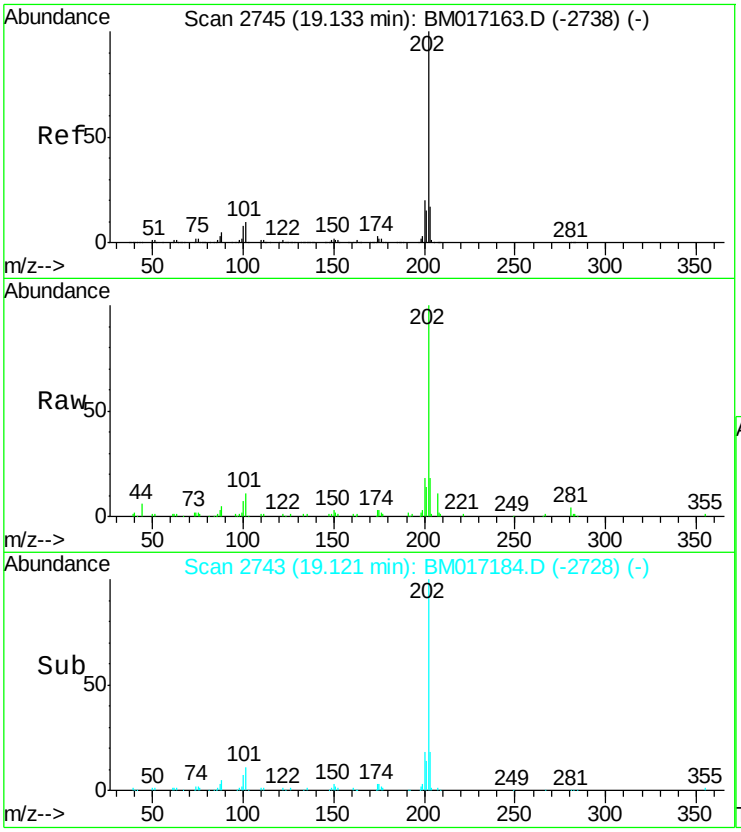


#74
Di-n-butylphthalate
Concen: 1.784 ng
RT: 18.04 min Scan# 2559
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:149 Resp: 90178

Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.4	11.0
104	6.0	4.3	6.5



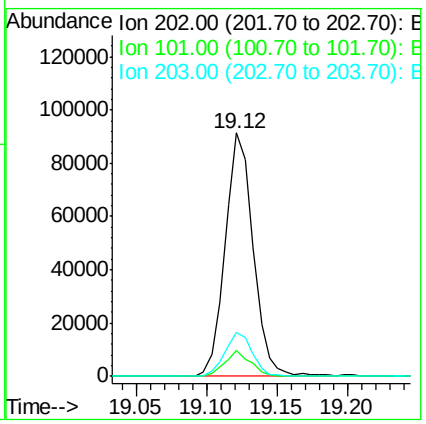


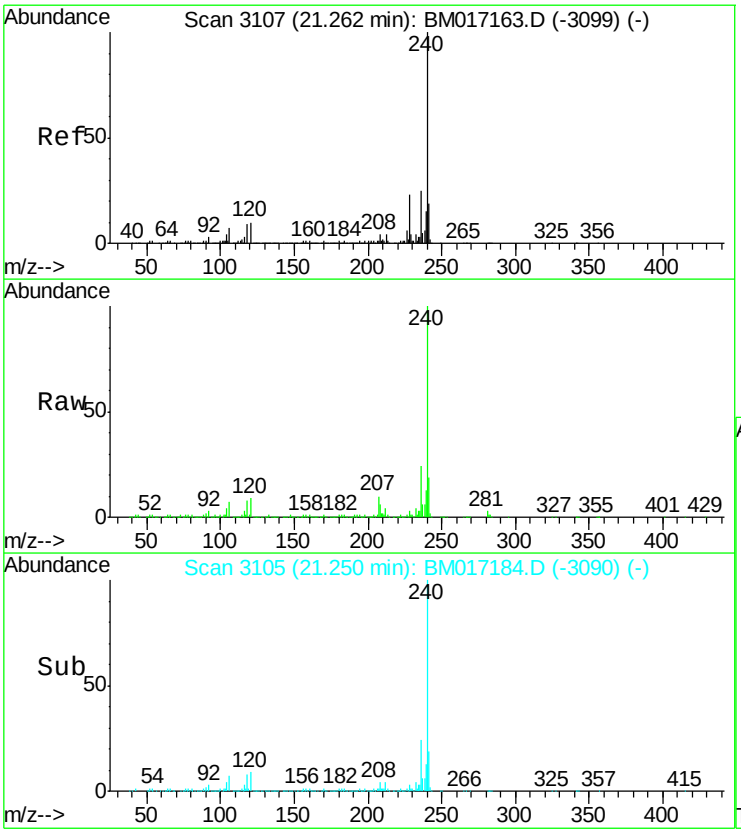
#75
Fluoranthene
Concen: 2.271 ng
RT: 19.12 min Scan# 2743
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:202 Resp: 126190

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.0
203	17.8	0.0	37.2

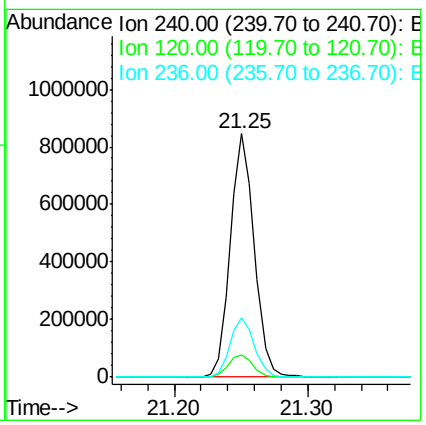


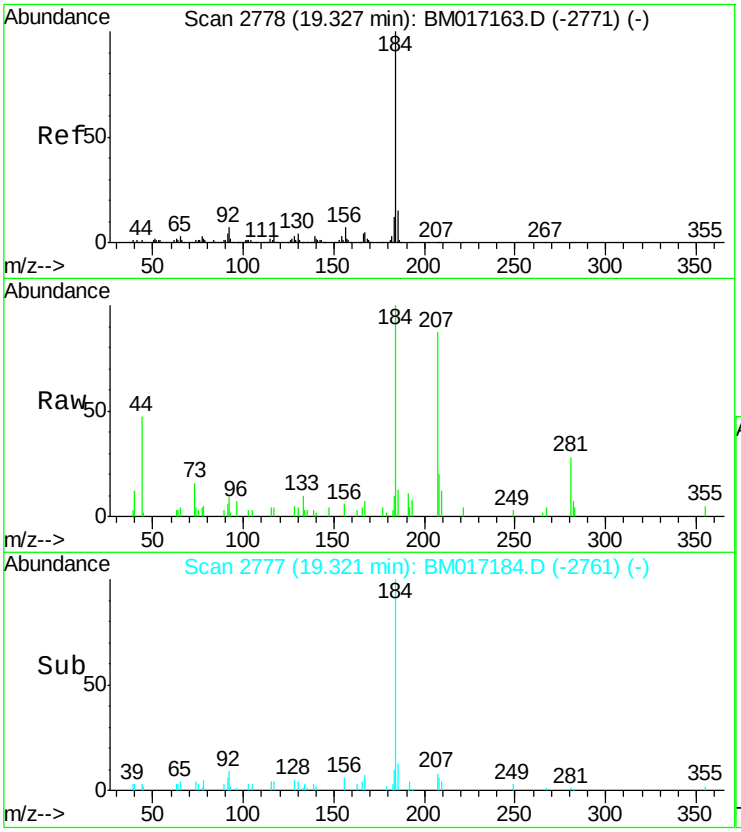


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:240 Resp: 1062635

Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	24.5	19.9	29.9



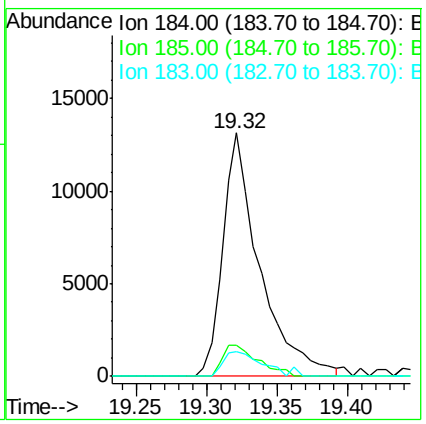


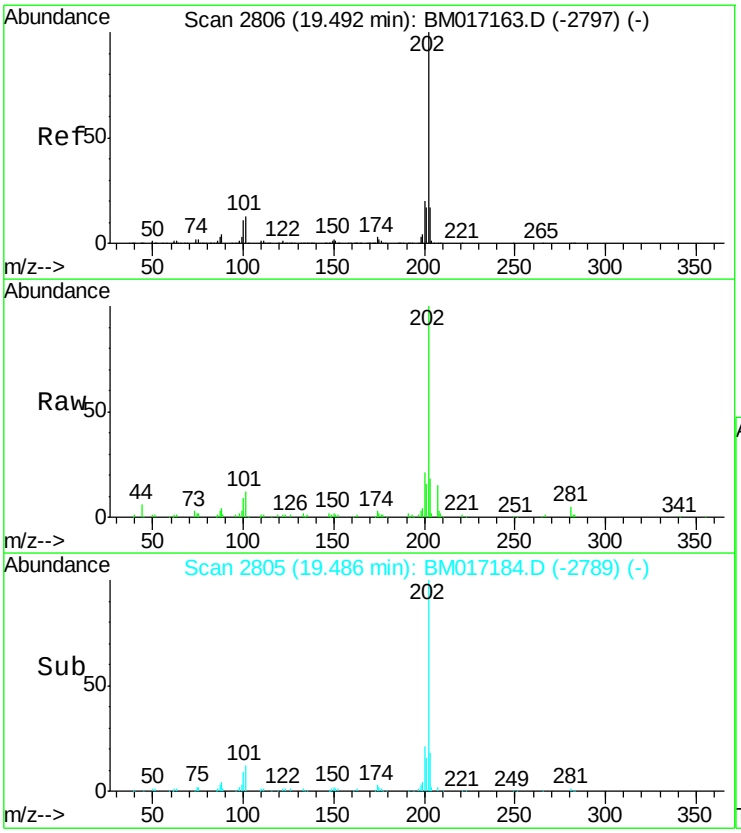
#77
Benzidine
Concen: 0.885 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:184 Resp: 23837

Ion	Ratio	Lower	Upper
184	100		
185	12.7	11.8	17.8
183	10.4	9.7	14.5

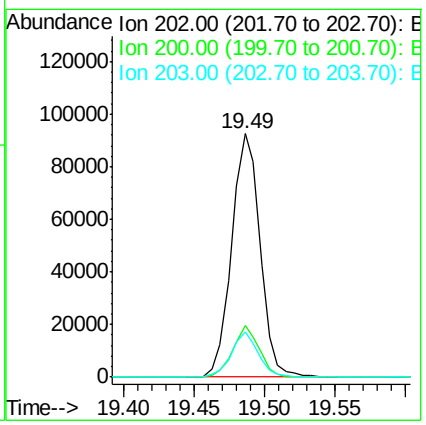


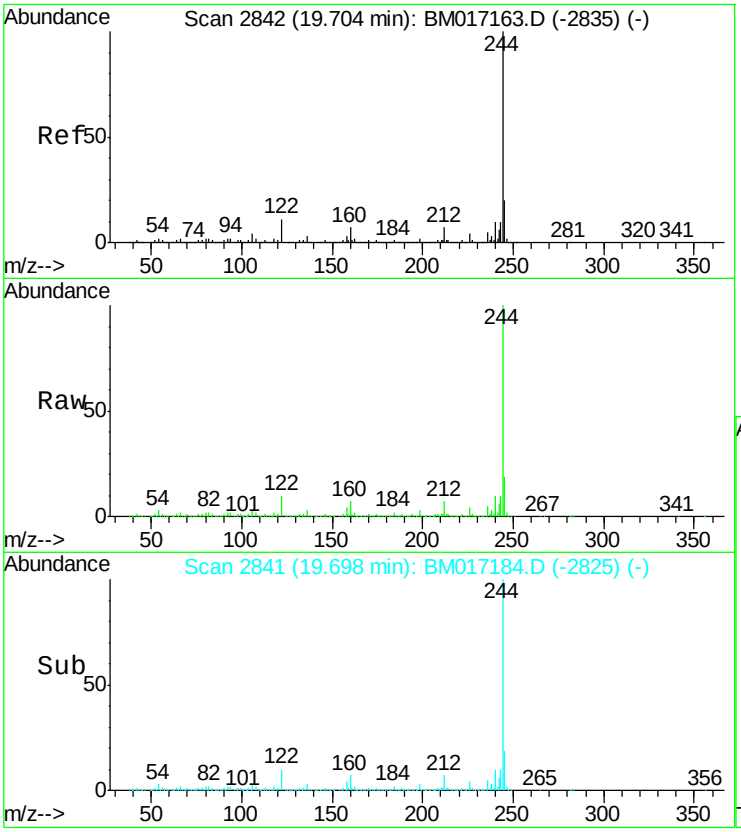


#78
Pyrene
Concen: 2.186 ng
RT: 19.49 min Scan# 2805
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:202 Resp: 129805

Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.3	24.5
203	18.3	13.9	20.9



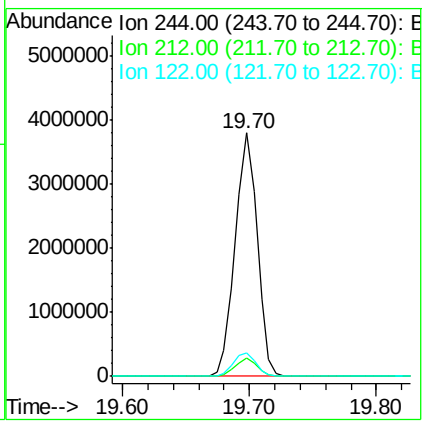


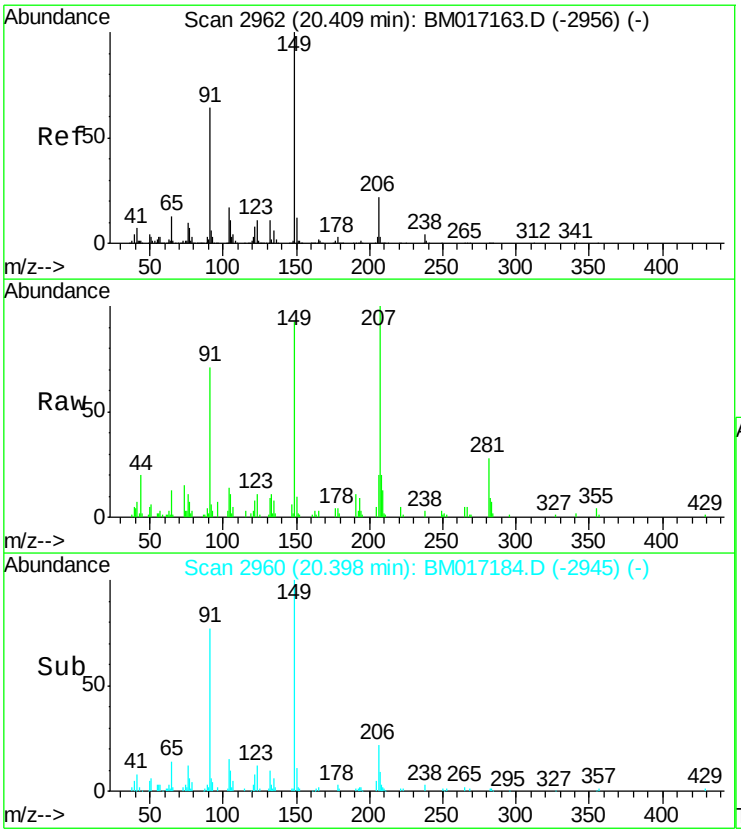
#79
Terphenyl-d14
Concen: 96.704 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:244 Resp: 4559035

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.5	8.3
122	9.8	8.4	12.6

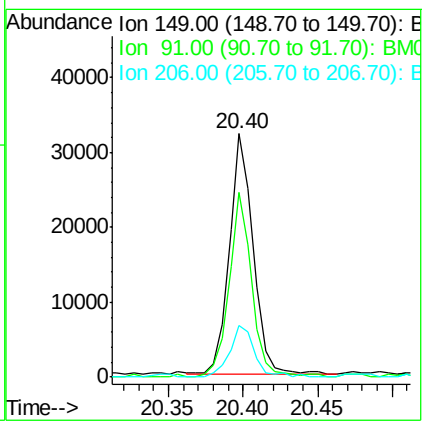


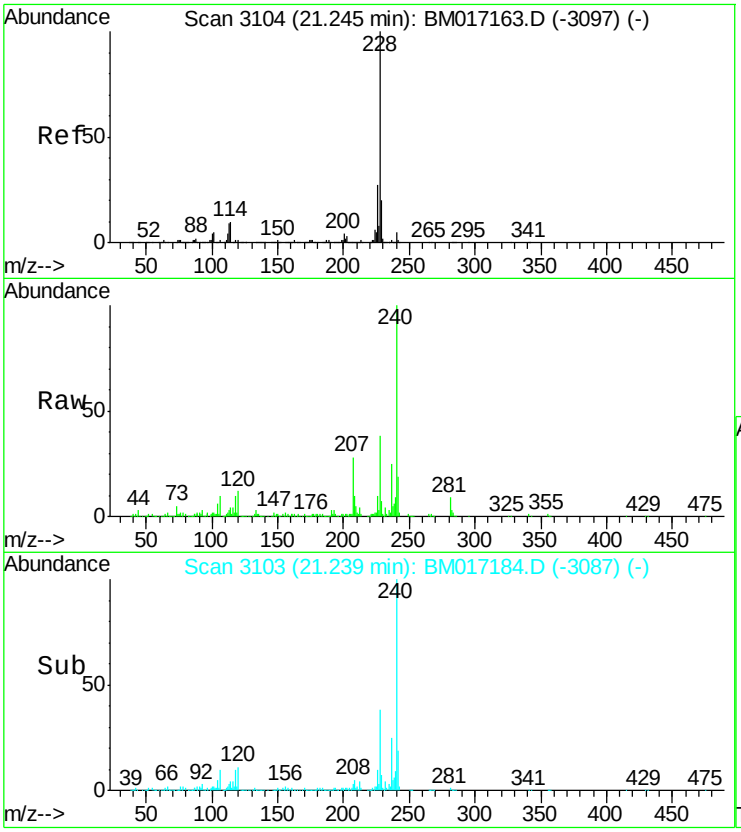


#80
Butylbenzylphthalate
Concen: 8.538 ng
RT: 20.40 min Scan# 2960
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:149 Resp: 36193

Ion	Ratio	Lower	Upper
149	100		
91	75.7	51.3	76.9
206	21.2	18.0	27.0



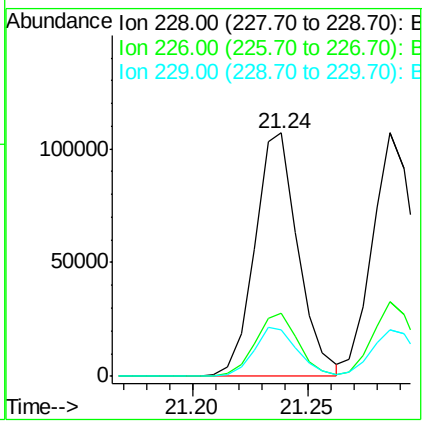


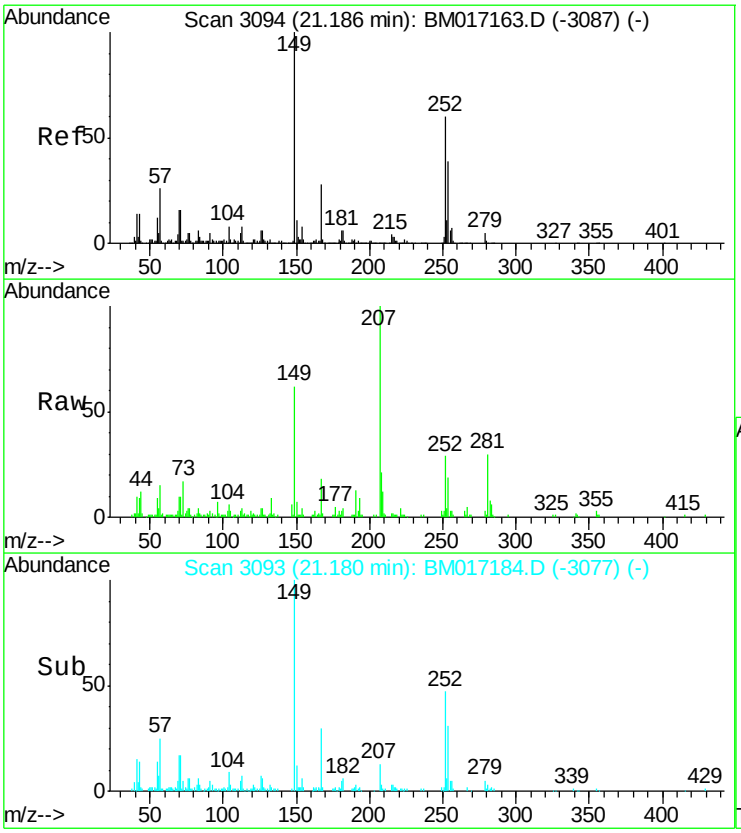
#81
Benzo(a)anthracene
Concen: 2.329 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:228 Resp: 139265

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.4	32.0
229	19.3	15.9	23.9

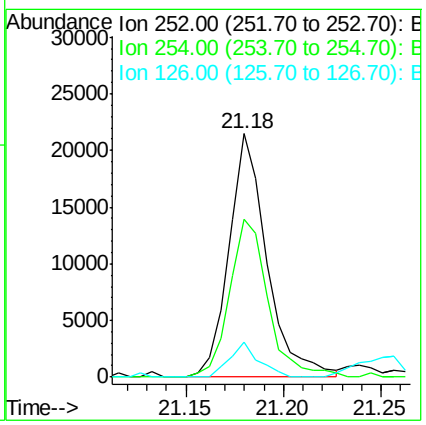


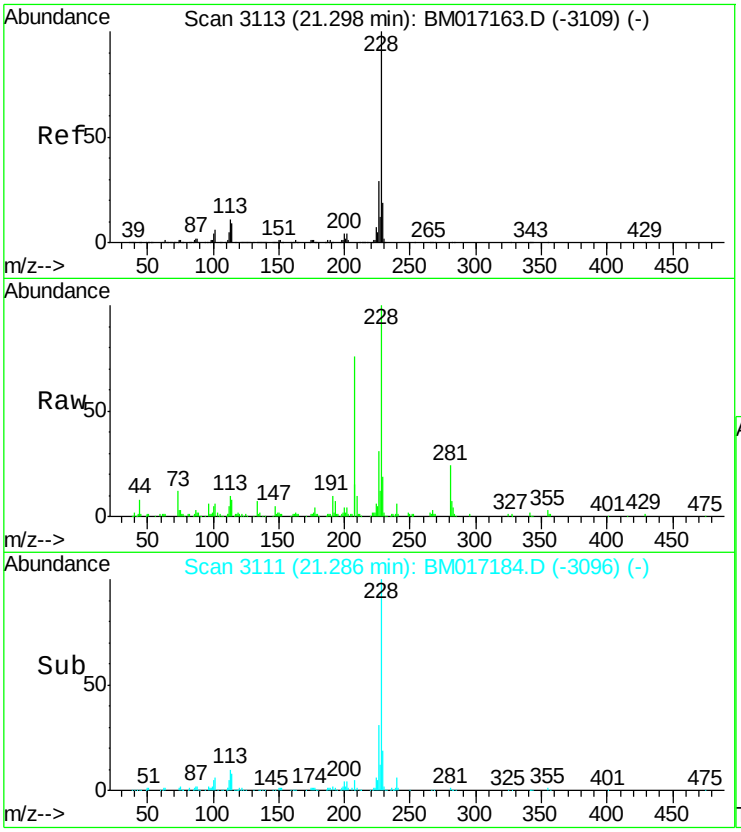


#82
3,3'-Dichlorobenzidine
Concen: 1.299 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:252 Resp: 28940

Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.1	78.1
126	14.2	8.6	12.8#



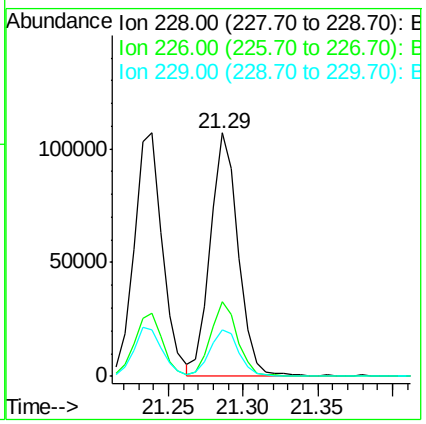


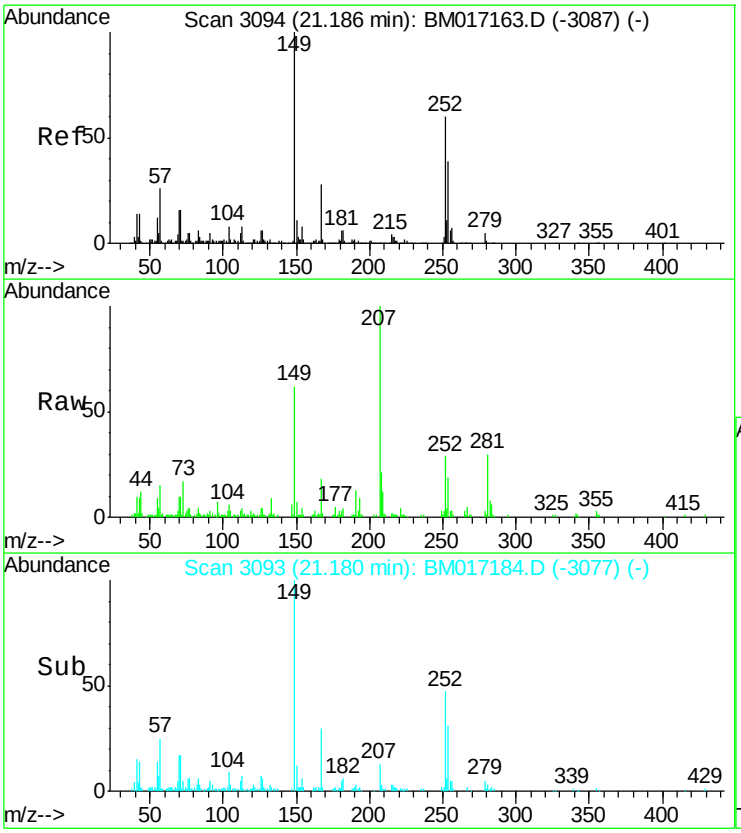
#83
Chrysene
Concen: 2.367 ng
RT: 21.29 min Scan# 3111
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:228 Resp: 140093

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.3	34.9
229	18.9	15.6	23.4

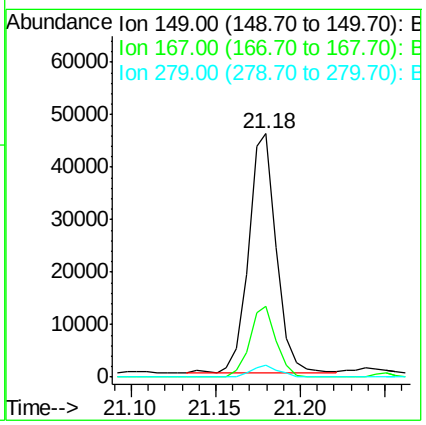


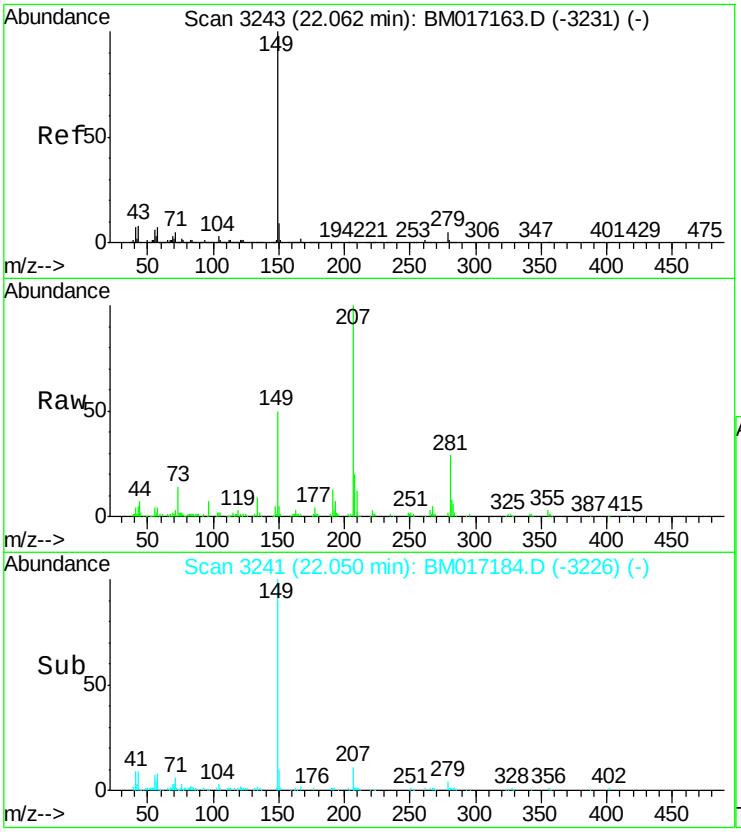


#84
Bis(2-ethylhexyl)phthalate
Concen: 6.652 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:149 Resp: 52236

Ion	Ratio	Lower	Upper
149	100		
167	29.2	22.2	33.4
279	5.0	3.6	5.4



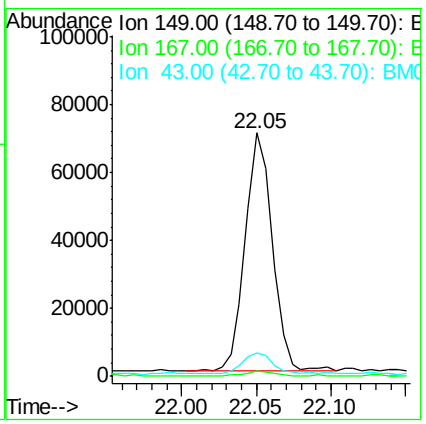


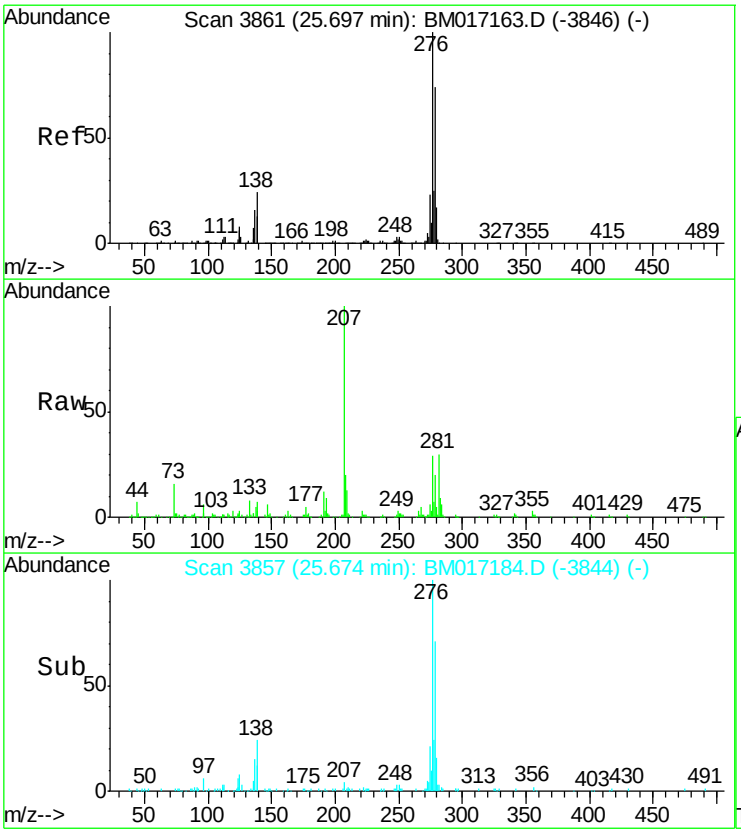
#85
Di-n-octyl phthalate
Concen: 6.891 ng
RT: 22.05 min Scan# 3241
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:149 Resp: 87476

Ion	Ratio	Lower	Upper
149	100		
167	2.4	1.4	2.0#
43	9.8	7.2	10.8

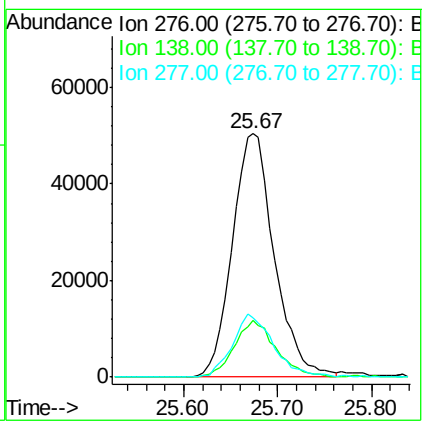


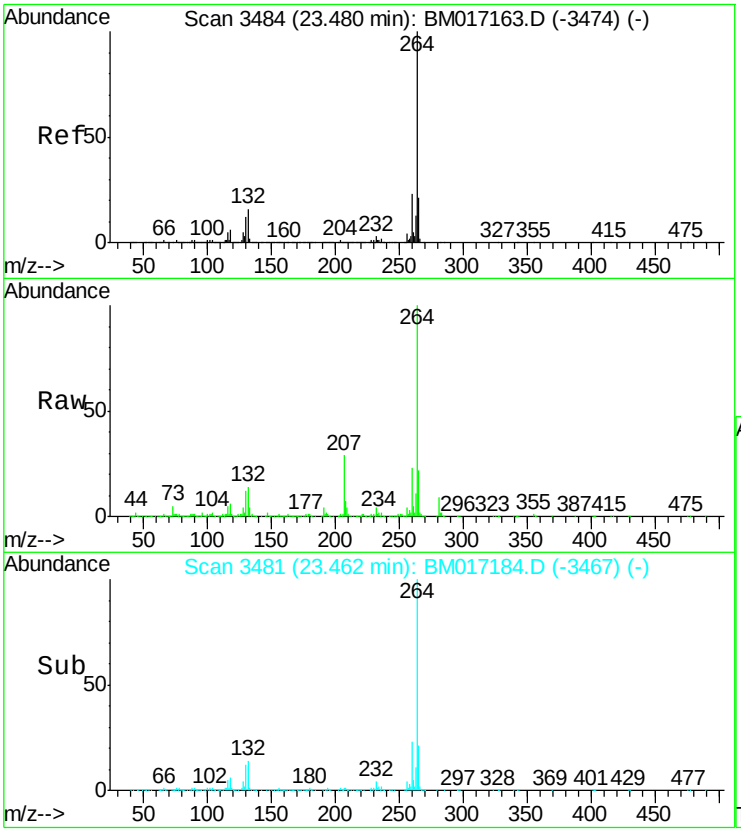


#86
Indeno(1,2,3-cd)pyrene
Concen: 2.353 ng
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:276 Resp: 155777

Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.5	29.3
277	25.5	20.1	30.1



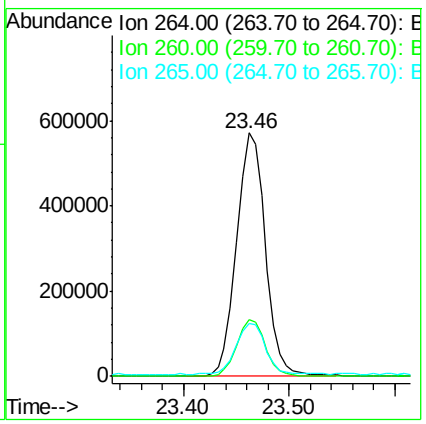


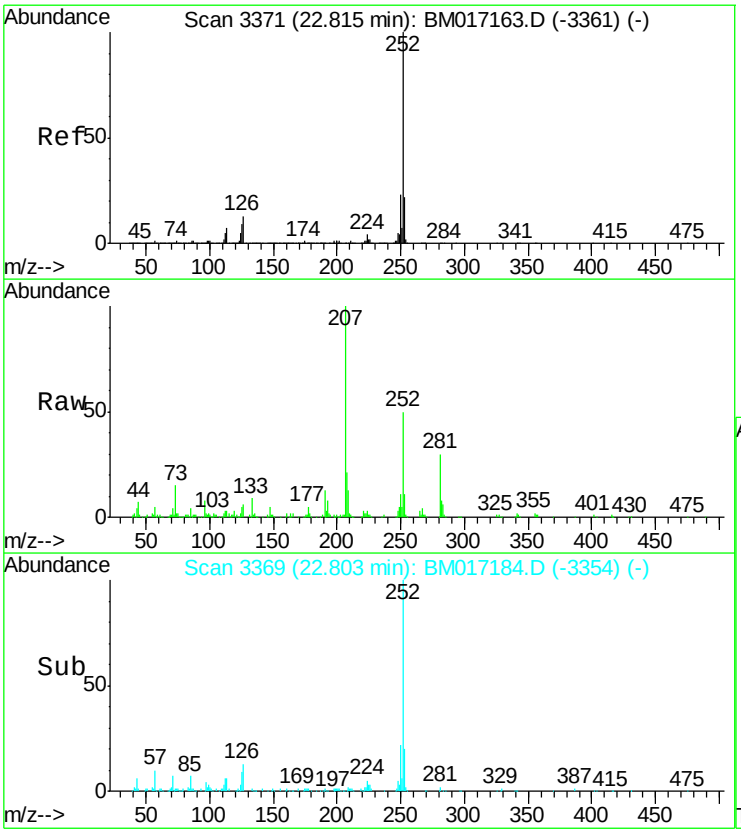
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:264 Resp: 1082718

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	27.8
265	21.9	17.8	26.8

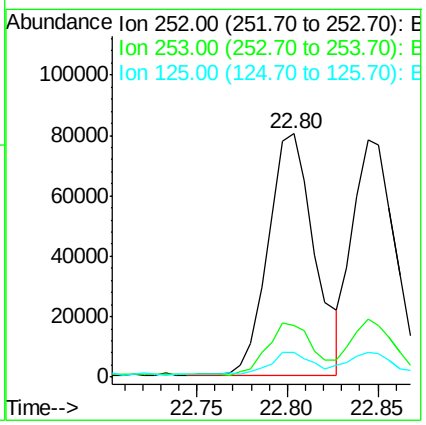


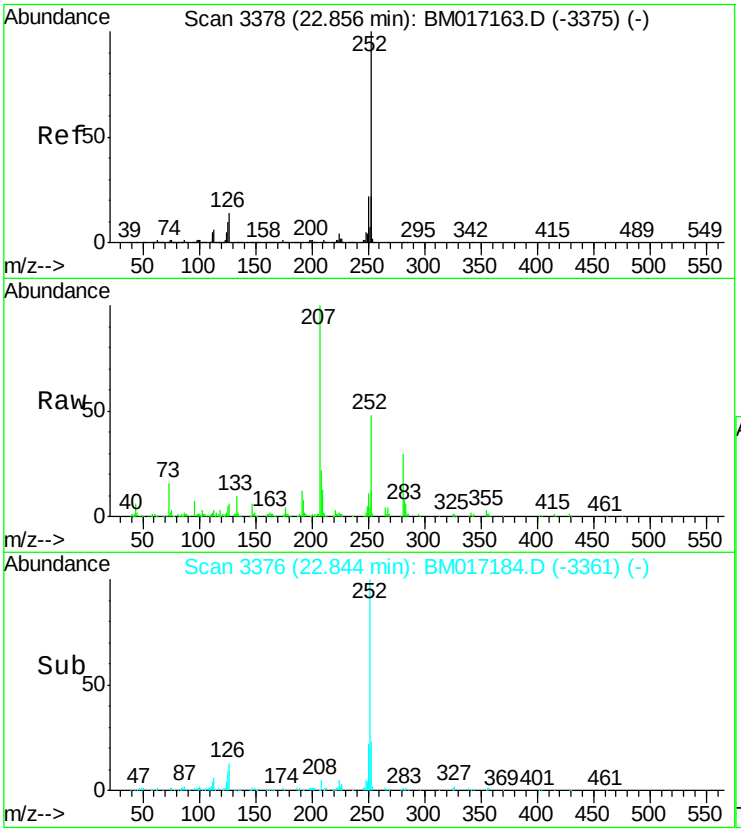


#88
Benzo(b)fluoranthene
Concen: 2.416 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:252 Resp: 143025

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.4	26.2
125	10.3	7.5	11.3



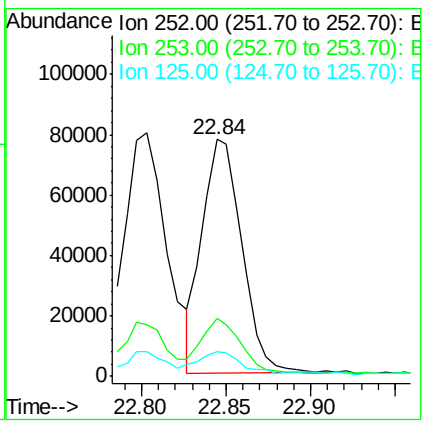


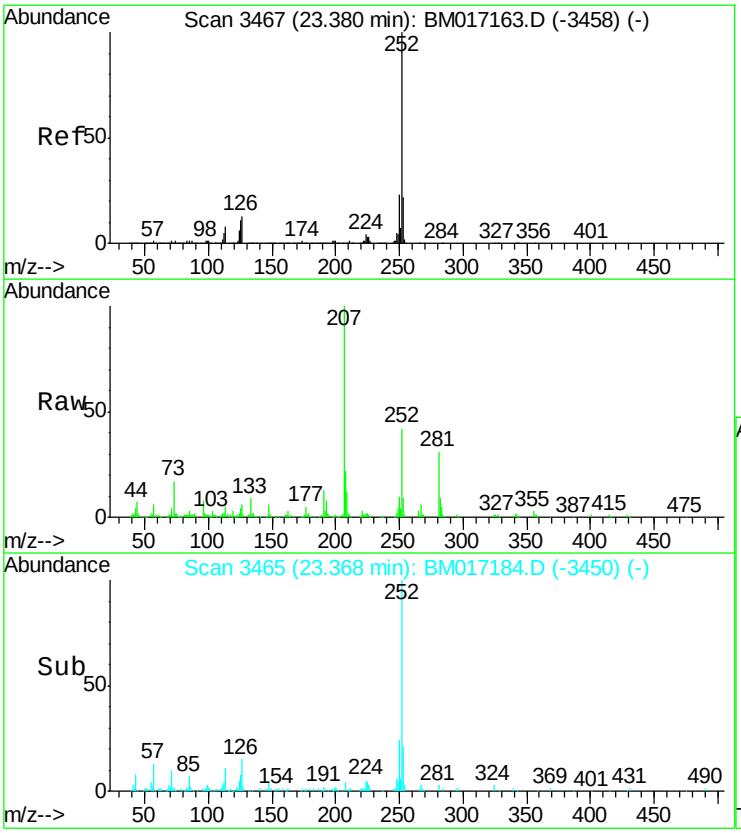
#89
Benzo(k)fluoranthene
Concen: 2.128 ng
RT: 22.84 min Scan# 3376
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:252 Resp: 126421

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.5	26.3
125	10.7	8.2	12.2

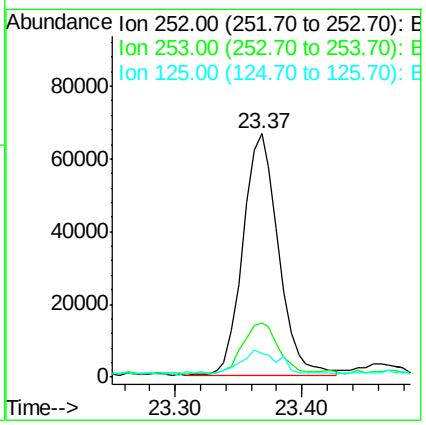


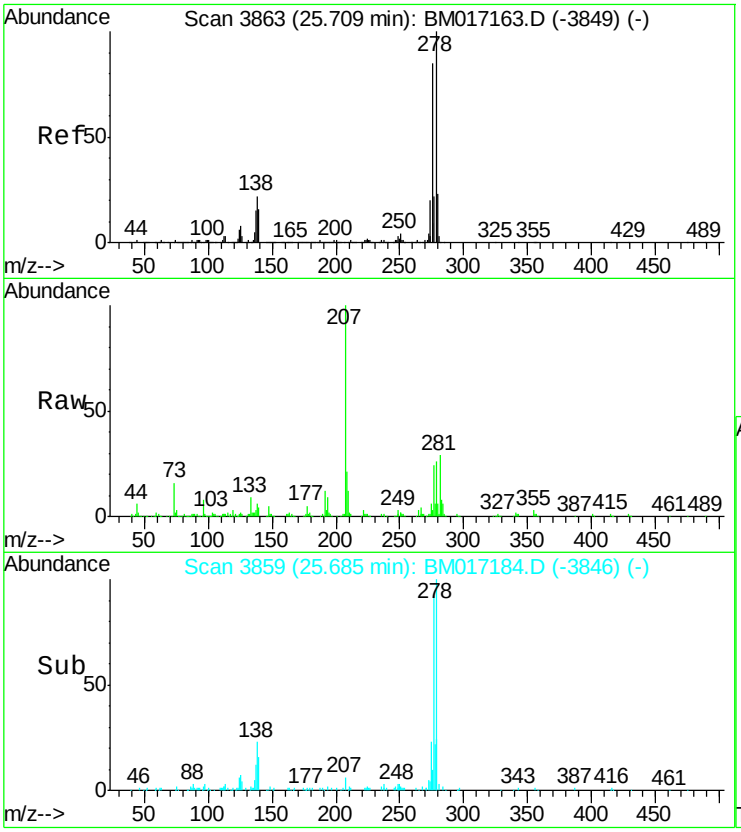


#90
Benzo(a)pyrene
Concen: 2.290 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:252 Resp: 128722

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.8	8.6	13.0



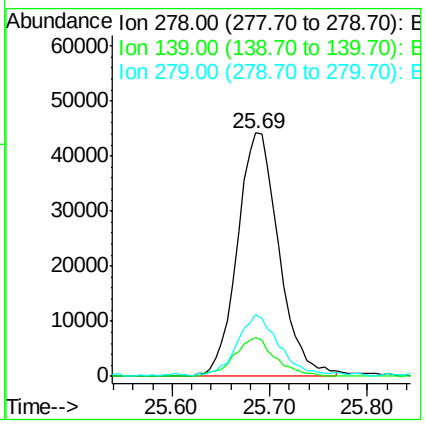


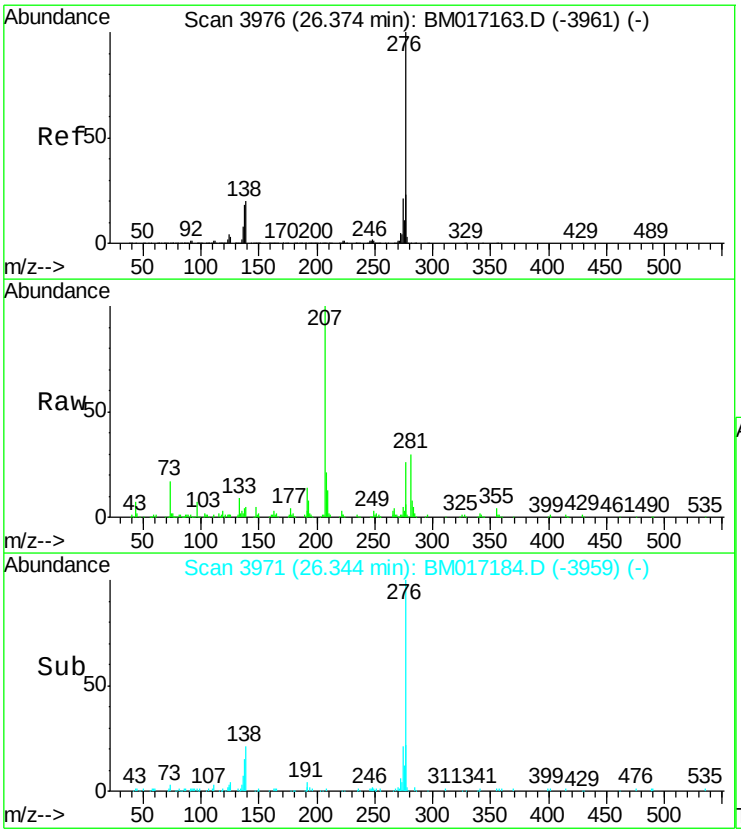
#91
Dibenzo(a,h)anthracene
Concen: 2.349 ng
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

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

Tgt Ion:278 Resp: 131108

Ion	Ratio	Lower	Upper
278	100		
139	15.9	12.7	19.1
279	25.2	18.7	28.1





#92
Benzo(g,h,i)perylene
Concen: 2.430 ng
RT: 26.34 min Scan# 3971
Delta R.T. -0.03 min
Lab File: BM017184.D
Acq: 18 Oct 2018 09:46

Tgt Ion:276 Resp: 134425

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.6	28.0
138	21.4	16.4	24.6