

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031878.D
 Acq On : 24 Aug 2021 09:52
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: Aug 24 10:37:26 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 10:28:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	28976	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	122095	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	79608	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	164521	20.000	ng	0.00
76) Chrysene-d12	21.127	240	128458	20.000	ng	0.00
86) Perylene-d12	23.274	264	118623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	213370	108.326	ng	0.00
7) Phenol-d6	6.722	99	260730	98.552	ng	0.00
23) Nitrobenzene-d5	8.675	82	186028	62.043	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	83889	95.632	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	365974	59.150	ng	0.00
79) Terphenyl-d14	19.568	244	566566	66.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	2553	3.991	ng	# 90
3) Pyridine	3.575	79	5447	2.825	ng	# 84
4) n-Nitrosodimethylamine	3.487	42	3354	3.986	ng	# 1
6) Aniline	6.875	93	10704	3.802	ng	99
8) 2-Chlorophenol	7.098	128	7319	3.465	ng	94
9) Benzaldehyde	6.693	77	8565	4.898	ng	90
10) Phenol	6.745	94	9022	3.413	ng	84
11) bis(2-Chloroethyl)ether	6.975	93	6965	3.483	ng	98
12) 1,3-Dichlorobenzene	7.410	146	7763	3.397	ng	94
13) 1,4-Dichlorobenzene	7.563	146	8438	3.636	ng	94
14) 1,2-Dichlorobenzene	7.863	146	7830	3.464	ng	96
15) Benzyl Alcohol	7.775	79	6479	2.980	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.045	45	11029	3.691	ng	94
17) 2-Methylphenol	7.975	107	5878	3.303	ng	95
18) Hexachloroethane	8.575	117	3638	3.681	ng	90
19) n-Nitroso-di-n-propyla...	8.334	70	5707	2.866	ng	95
20) 3+4-Methylphenols	8.298	107	7807	3.146	ng	92
22) Acetophenone	8.345	105	12689	3.564	ng	# 98
24) Nitrobenzene	8.716	77	10930	3.559	ng	97
25) Isophorone	9.239	82	16727	3.109	ng	98
26) 2-Nitrophenol	9.422	139	3294	2.842	ng	94
27) 2,4-Dimethylphenol	9.486	122	6108	3.423	ng	99
28) bis(2-Chloroethoxy)met...	9.728	93	9195	3.516	ng	96
29) 2,4-Dichlorophenol	9.957	162	6086	3.010	ng	92
30) 1,2,4-Trichlorobenzene	10.151	180	7259	3.381	ng	95
31) Naphthalene	10.333	128	23834	3.404	ng	97
32) Benzoic acid	9.581	122	2166	1.432	ng	# 86
33) 4-Chloroaniline	10.469	127	8977	3.229	ng	96
34) Hexachlorobutadiene	10.610	225	4194	3.126	ng	91
35) Caprolactam	11.263	113	1234	1.929	ng	# 81
36) 4-Chloro-3-methylphenol	11.598	107	7494	3.122	ng	91
37) 2-Methylnaphthalene	11.957	142	16797	3.328	ng	93
38) 1-Methylnaphthalene	12.175	142	15909	3.348	ng	88
40) 1,2,4,5-Tetrachloroben...	12.333	216	7784	3.402	ng	99
41) Hexachlorocyclopentadiene	12.298	237	2809	2.532	ng	96

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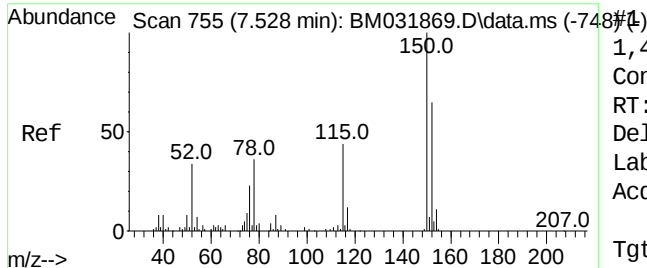
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.586	196	4916	2.911	ng	89
44) 2,4,5-Trichlorophenol	12.663	196	4889	2.714	ng	94
46) 1,1'-Biphenyl	12.986	154	22410	3.490	ng	98
47) 2-Chloronaphthalene	13.027	162	16511	3.311	ng	98
48) 2-Nitroaniline	13.257	65	3595	2.072	ng	92
49) Acenaphthylene	13.880	152	25857	3.196	ng	99
50) Dimethylphthalate	13.639	163	20921	3.235	ng	# 97
51) 2,6-Dinitrotoluene	13.763	165	3488	2.472	ng	90
52) Acenaphthene	14.227	154	15108	3.105	ng	94
53) 3-Nitroaniline	14.098	138	3465	2.509	ng	# 93
54) 2,4-Dinitrophenol	14.316	184	1130	1.434	ng	# 75
55) Dibenzofuran	14.568	168	25579	3.175	ng	98
56) 4-Nitrophenol	14.445	139	1901	1.671	ng	# 84
57) 2,4-Dinitrotoluene	14.557	165	4535	2.309	ng	# 86
58) Fluorene	15.221	166	19463	2.949	ng	93
59) 2,3,4,6-Tetrachlorophenol	14.804	232	4611	2.989	ng	# 97
60) Diethylphthalate	15.010	149	21782	3.093	ng	98
61) 4-Chlorophenyl-phenyle...	15.221	204	9599	3.035	ng	94
62) 4-Nitroaniline	15.274	138	2398	1.825	ng	# 82
63) Azobenzene	15.515	77	24327	2.997	ng	97
65) 4,6-Dinitro-2-methylph...	15.333	198	1820	1.588	ng	88
66) n-Nitrosodiphenylamine	15.445	169	16656	2.998	ng	99
67) 4-Bromophenyl-phenylether	16.121	248	5751	3.218	ng	95
68) Hexachlorobenzene	16.221	284	6170	3.263	ng	98
69) Atrazine	16.410	200	5112	2.753	ng	84
70) Pentachlorophenol	16.580	266	2665	2.155	ng	88
71) Phenanthrene	16.957	178	31158	3.145	ng	98
72) Anthracene	17.051	178	30252	3.103	ng	98
73) Carbazole	17.339	167	26387	2.814	ng	99
74) Di-n-butylphthalate	17.904	149	31203	2.498	ng	# 96
75) Fluoranthene	18.986	202	31029	2.817	ng	100
77) Benzidine	19.198	184	10517	3.202	ng	97
78) Pyrene	19.351	202	32066	3.115	ng	96
80) Butylbenzylphthalate	20.274	149	11794	2.324	ng	# 81
81) Benzo(a)anthracene	21.109	228	28419	3.018	ng	97
82) 3,3'-Dichlorobenzidine	21.056	252	8699	3.120	ng	98
83) Chrysene	21.162	228	27209	3.002	ng	95
84) Bis(2-ethylhexyl)phtha...	21.056	149	19054	2.413	ng	# 99
85) Di-n-octyl phthalate	21.915	149	34044	2.695	ng	96
87) Indeno(1,2,3-cd)pyrene	25.385	276	30667	3.330	ng	98
88) Benzo(b)fluoranthene	22.633	252	28422	3.253	ng	98
89) Benzo(k)fluoranthene	22.680	252	27213	3.236	ng	96
90) Benzo(a)pyrene	23.180	252	27280	3.478	ng	# 97
91) Dibenzo(a,h)anthracene	25.403	278	26585	3.307	ng	# 97
92) Benzo(g,h,i)perylene	26.038	276	25464	3.403	ng	94

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

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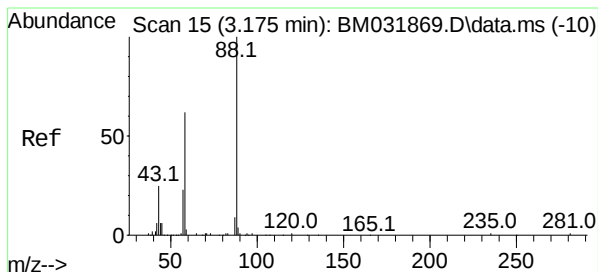
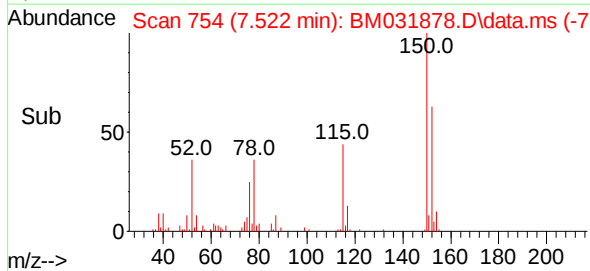
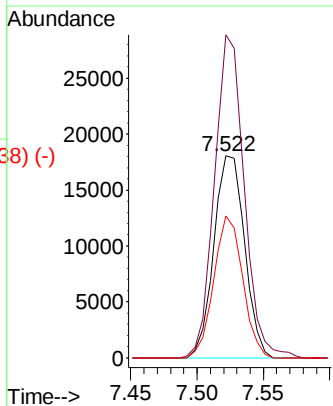
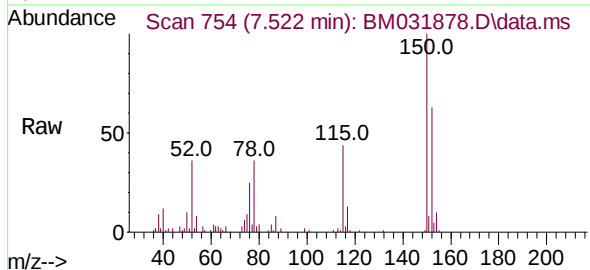




1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.522 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

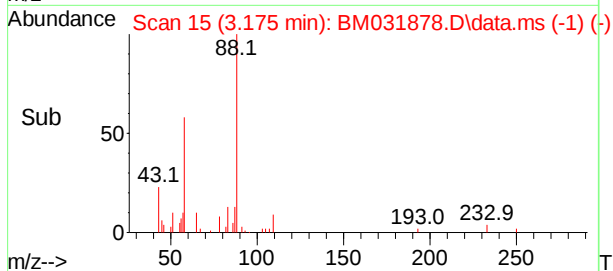
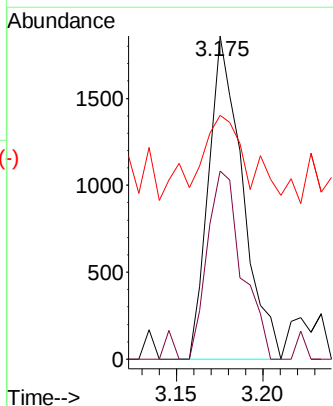
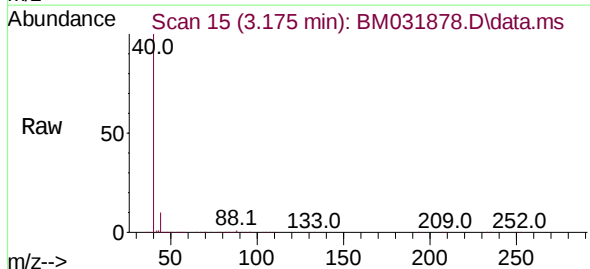
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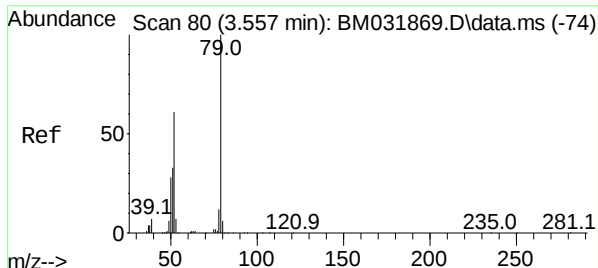
Tgt Ion:152 Resp: 28976
 Ion Ratio Lower Upper
 152 100
 150 159.9 122.4 183.6
 115 70.1 53.8 80.8



1,4-Dioxane
 Concen: 3.991 ng
 RT: 3.175 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

Tgt Ion: 88 Resp: 2553
 Ion Ratio Lower Upper
 88 100
 58 59.8 50.4 75.6
 43 39.8 22.2 33.2#

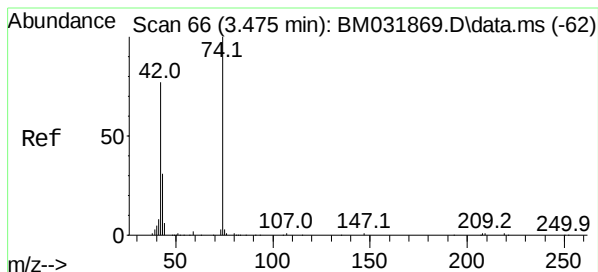
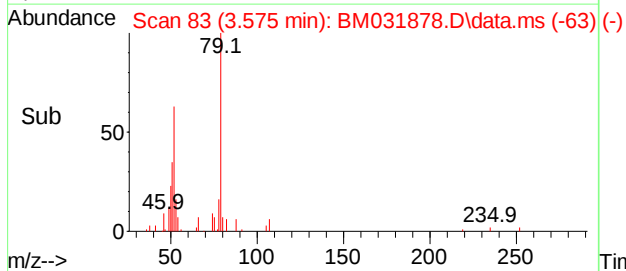
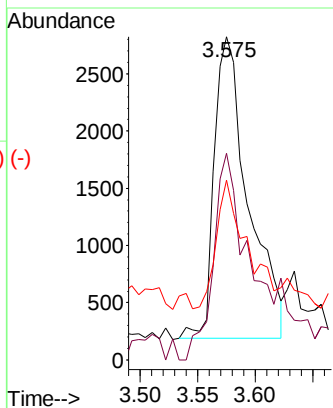
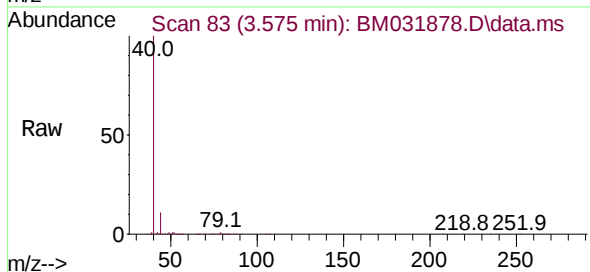




Pyridine
 Concen: 2.825 ng
 RT: 3.575 min Scan# 83
 Delta R.T. 0.018 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

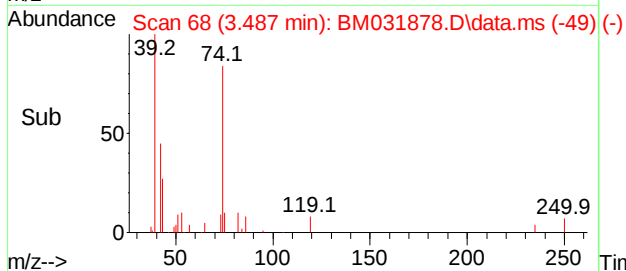
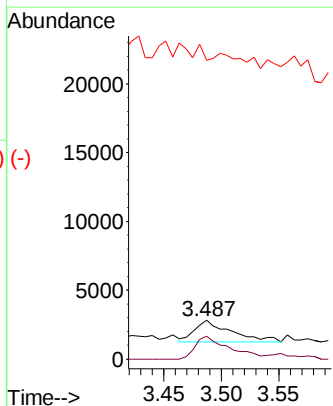
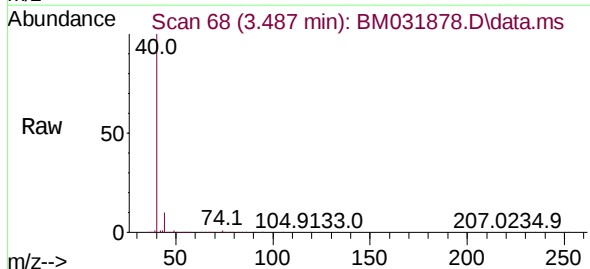
Instrument :
 BNA_M
 ClientSampleId :
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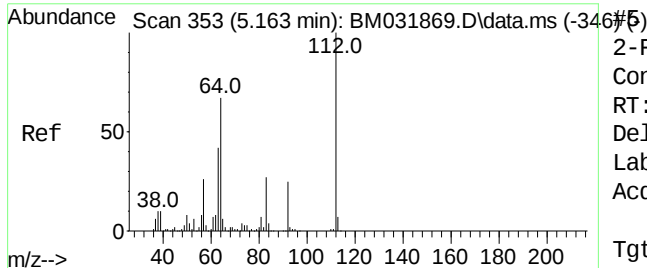
Tgt Ion:	79	Resp:	5447
Ion	Ratio	Lower	Upper
79	100		
52	64.0	48.6	73.0
51	55.6	27.4	41.2#



n-Nitrosodimethylamine
 Concen: 3.986 ng
 RT: 3.487 min Scan# 68
 Delta R.T. 0.012 min
 Lab File: BM031878.D
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Tgt Ion:	42	Resp:	3354
Ion	Ratio	Lower	Upper
42	100		
74	59.6	99.5	149.3#
44	768.3	57.3	85.9#

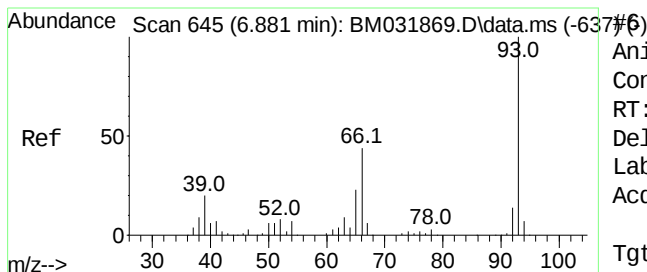
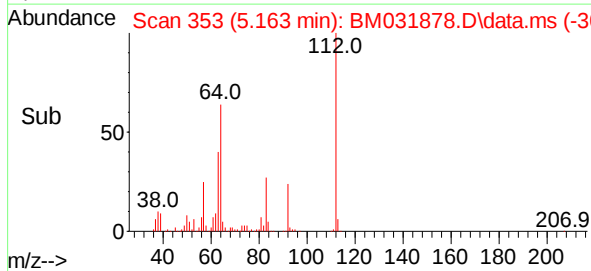
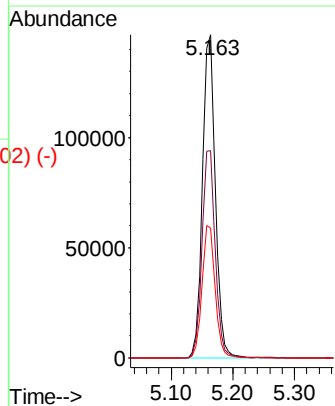
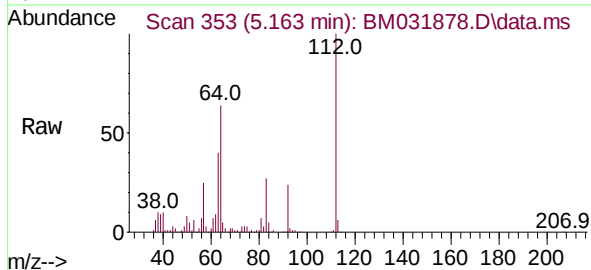




2-Fluorophenol
 Concen: 108.326 ng
 RT: 5.163 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: BM031878.D
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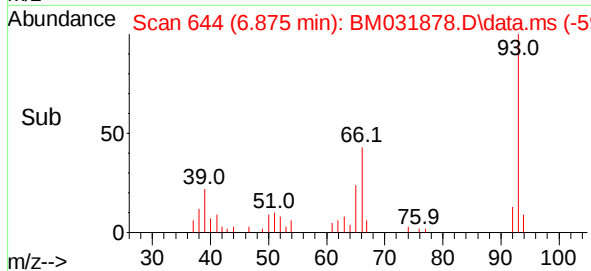
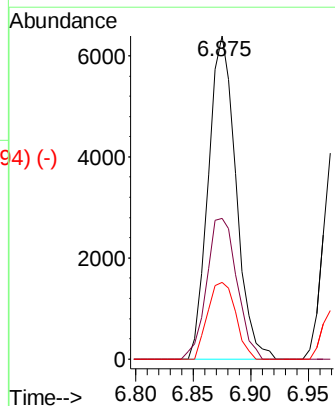
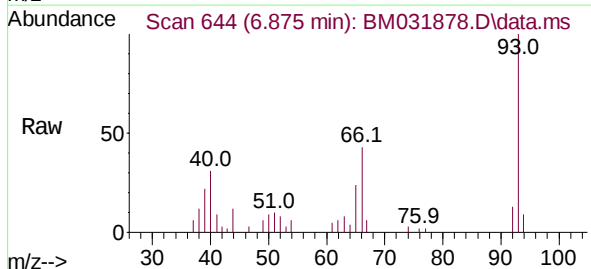
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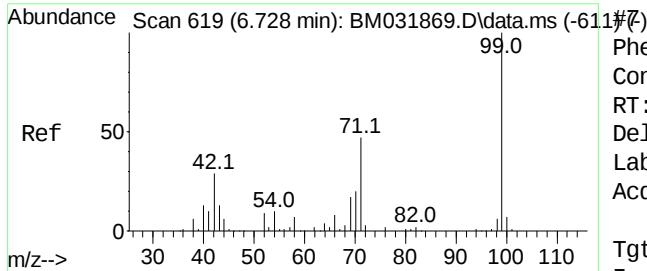
Tgt Ion:	112	Resp:	213370
Ion	Ratio	Lower	Upper
112	100		
64	64.1	53.7	80.5
63	40.1	33.9	50.9



Aniline
 Concen: 3.802 ng
 RT: 6.875 min Scan# 644
 Delta R.T. -0.006 min
 Lab File: BM031878.D
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Tgt Ion:	93	Resp:	10704
Ion	Ratio	Lower	Upper
93	100		
66	43.5	35.3	52.9
65	23.8	18.7	28.1

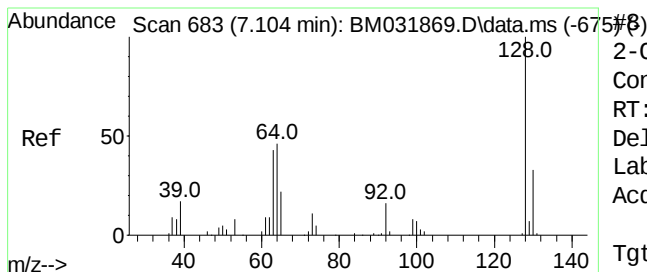
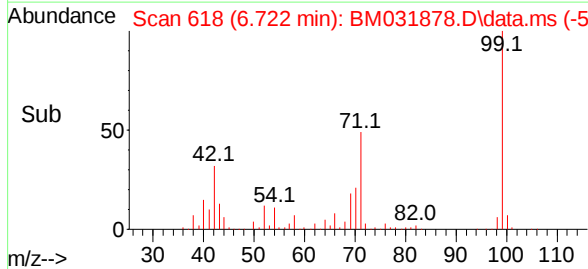
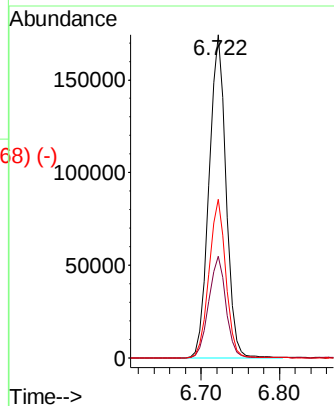
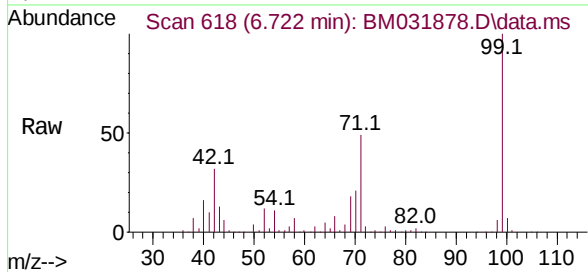




Phenol-d6
 Concen: 98.552 ng
 RT: 6.722 min Scan# 618
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

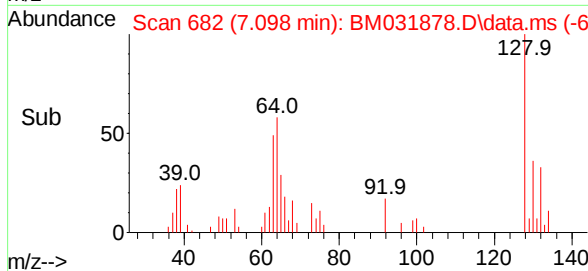
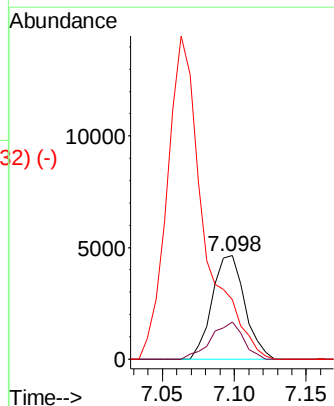
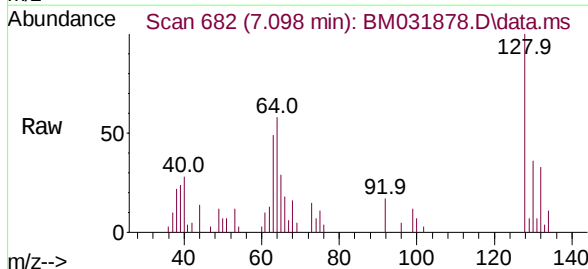
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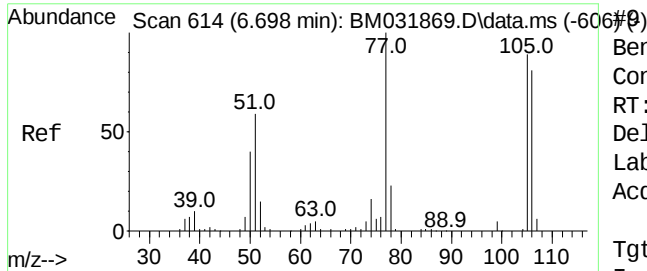
Tgt Ion:	99	Resp:	260730
Ion	Ratio	Lower	Upper
99	100		
42	31.5	23.0	34.6
71	49.2	37.8	56.8



2-Chlorophenol
 Concen: 3.465 ng
 RT: 7.098 min Scan# 682
 Delta R.T. -0.006 min
 Lab File: BM031878.D
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Tgt Ion:	128	Resp:	7319
Ion	Ratio	Lower	Upper
128	100		
130	35.9	13.0	53.0
64	57.8	33.4	73.4

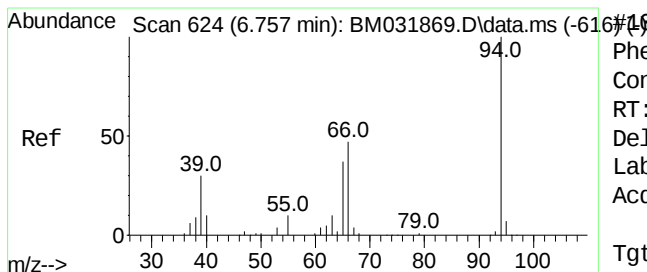
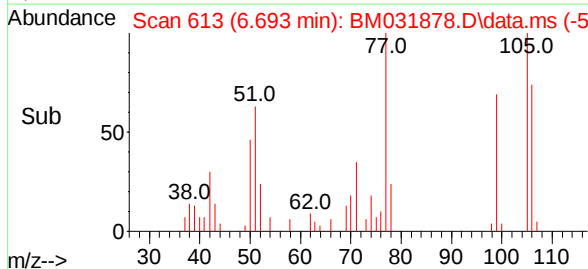
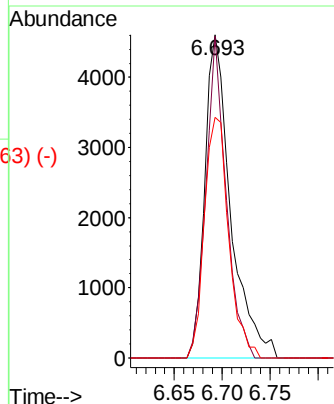
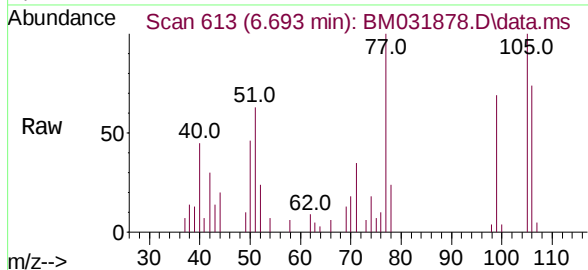




Benzaldehyde
 Concen: 4.898 ng
 RT: 6.693 min Scan# 613
 Delta R.T. -0.005 min
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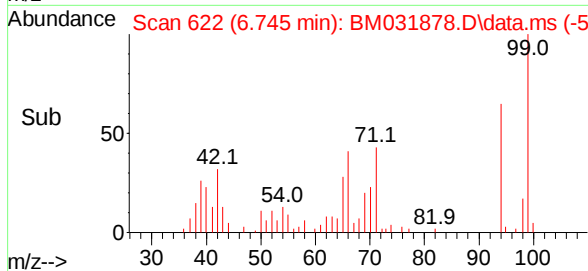
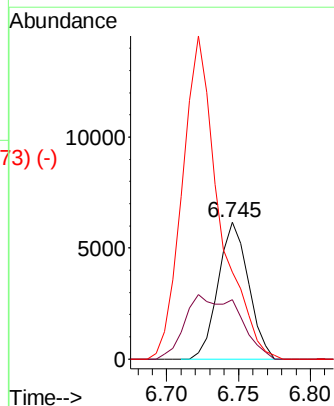
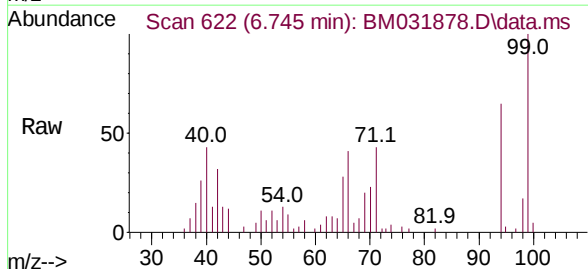
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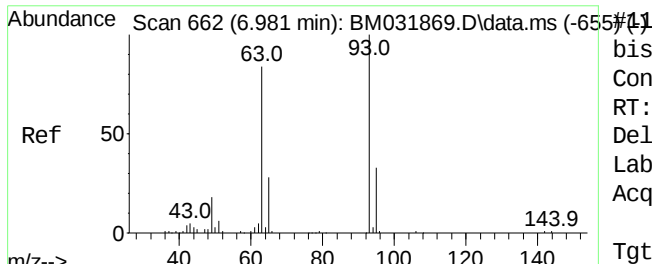
Tgt Ion:	77	Resp:	8565
Ion	Ratio	Lower	Upper
77	100		
105	99.6	68.9	108.9
106	74.4	61.2	101.2



Phenol
 Concen: 3.413 ng
 RT: 6.745 min Scan# 622
 Delta R.T. -0.012 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

Tgt Ion:	94	Resp:	9022
Ion	Ratio	Lower	Upper
94	100		
65	43.4	16.9	56.9
66	63.5	30.0	70.0

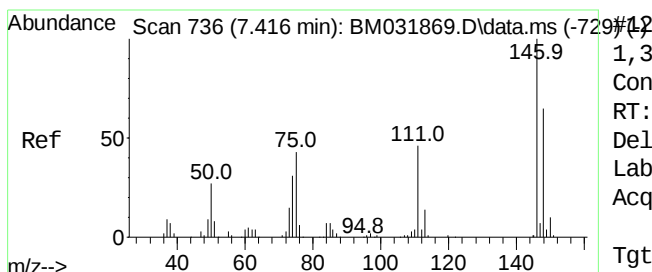
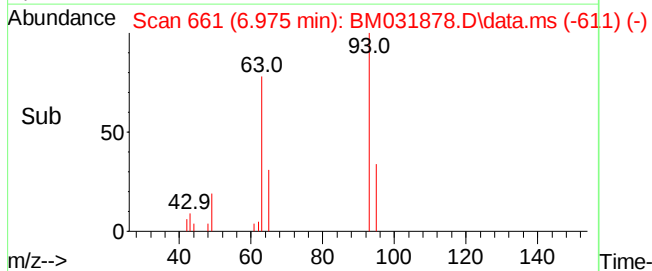
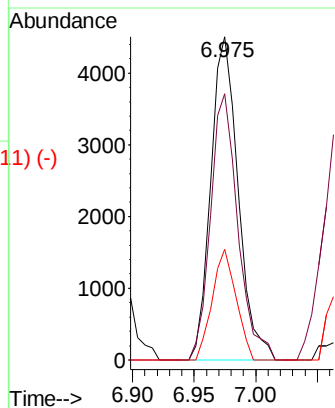
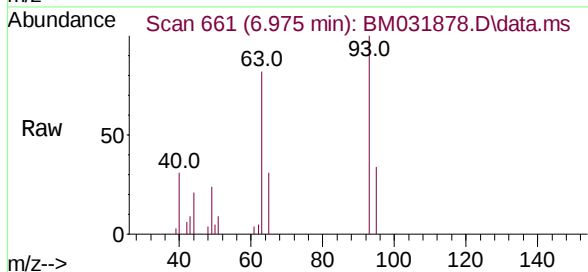




#11
bis(2-Chloroethyl)ether
Concen: 3.483 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

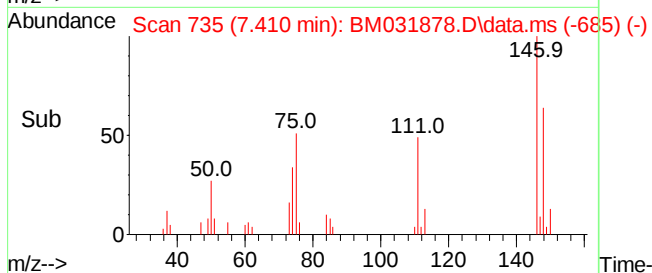
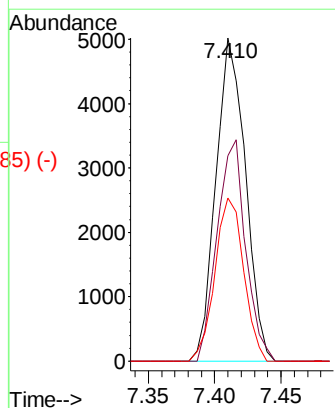
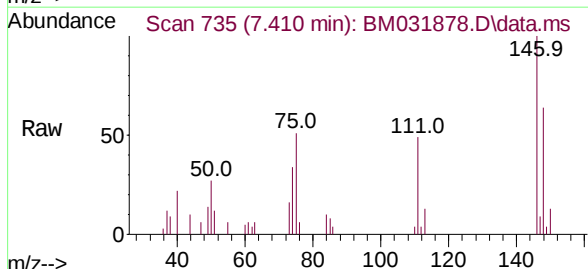
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	93	Resp:	6965
Ion	Ratio	Lower	Upper
93	100		
63	82.4	63.7	103.7
95	34.2	12.4	52.4

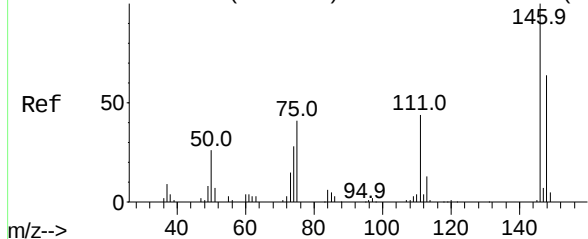


#12
1,3-Dichlorobenzene
Concen: 3.397 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	146	Resp:	7763
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
75	50.5	34.2	51.2



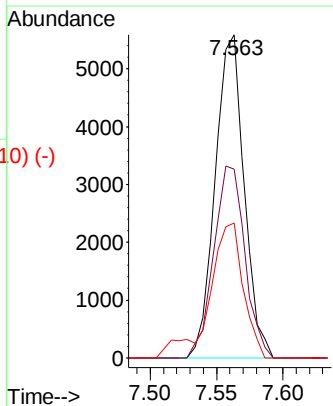
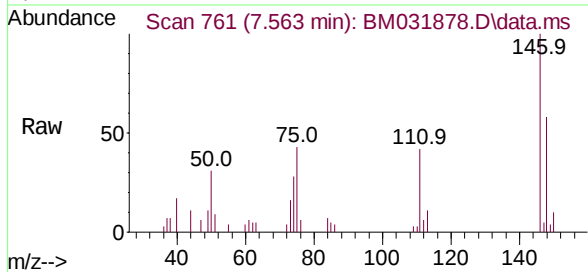
Abundance Scan 761 (7.563 min): BM031869.D\data.ms (-754) (-)



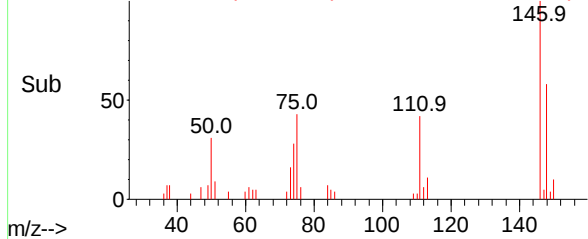
1,4-Dichlorobenzene
Concen: 3.636 ng
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

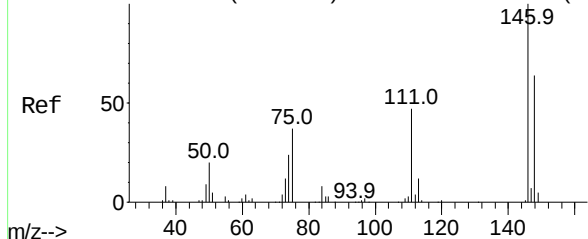
Tgt Ion:	146	Resp:	8438
Ion	Ratio	Lower	Upper
146	100		
148	58.3	51.1	76.7
111	41.9	35.3	52.9



Abundance Scan 761 (7.563 min): BM031878.D\data.ms (-710) (-)

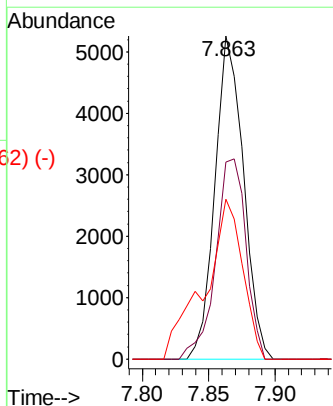
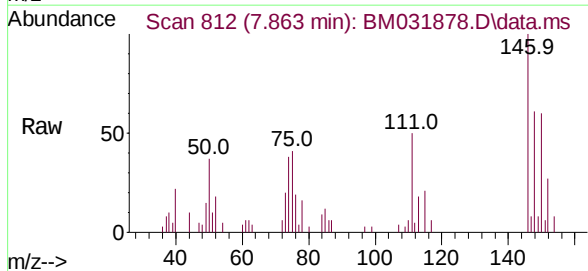


Abundance Scan 813 (7.869 min): BM031869.D\data.ms (-806) (-)

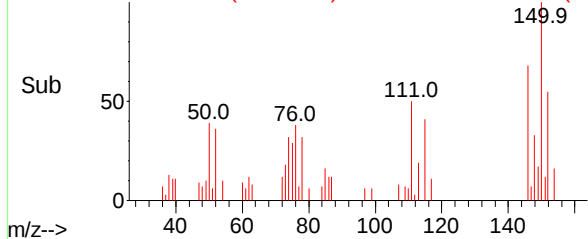


1,2-Dichlorobenzene
Concen: 3.464 ng
RT: 7.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

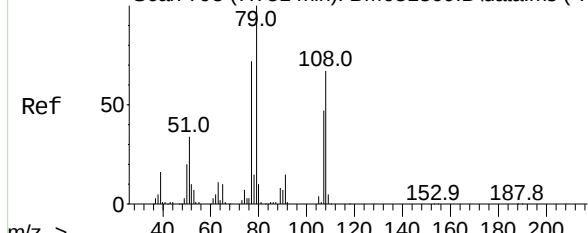
Tgt Ion:	146	Resp:	7830
Ion	Ratio	Lower	Upper
146	100		
148	60.9	51.7	77.5
111	49.5	38.2	57.2



Abundance Scan 812 (7.863 min): BM031878.D\data.ms (-762) (-)



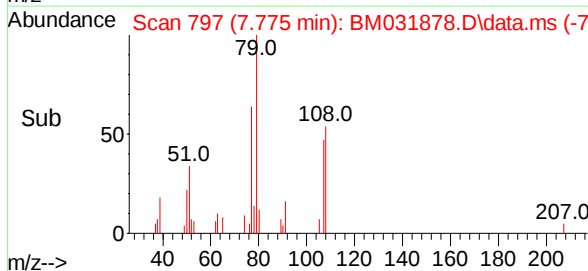
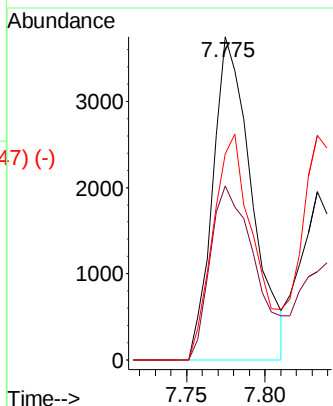
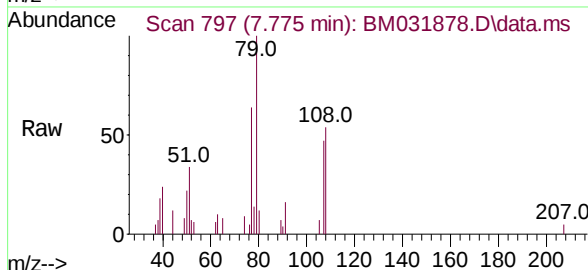
Abundance Scan 798 (7.781 min): BM031869.D\data.ms (-790) #15



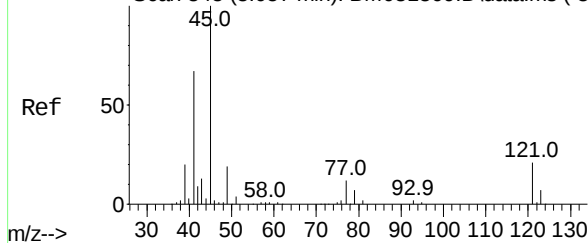
Benzyl Alcohol
 Concen: 2.980 ng
 RT: 7.775 min Scan# 797
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	79	Resp:	6479
Ion	Ratio	Lower	Upper
79	100		
108	53.9	53.6	80.4
77	63.7	57.7	86.5

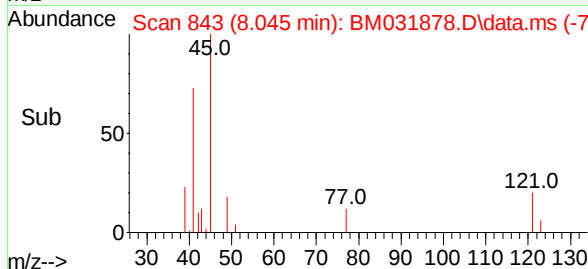
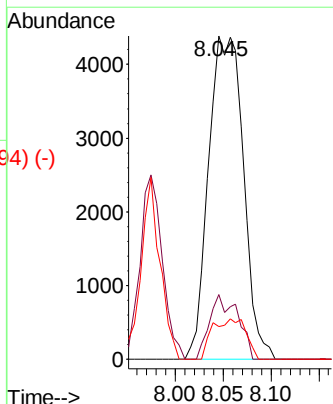
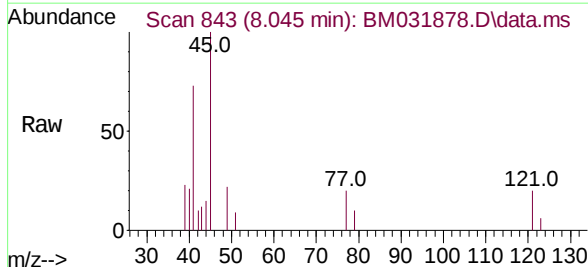


Abundance Scan 845 (8.057 min): BM031869.D\data.ms (-836) #16



2,2'-oxybis(1-Chloropropane)
 Concen: 3.691 ng
 RT: 8.045 min Scan# 843
 Delta R.T. -0.012 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

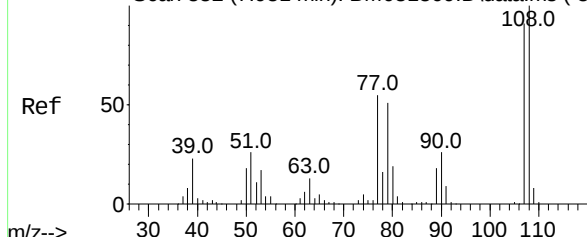
Tgt Ion:	45	Resp:	11029
Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.0	36.1
79	10.1	0.0	30.5



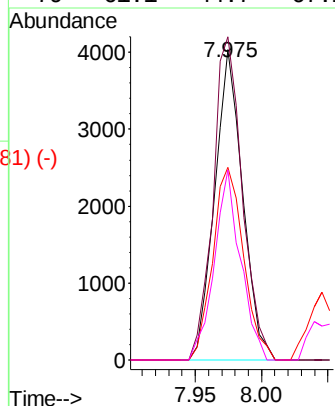
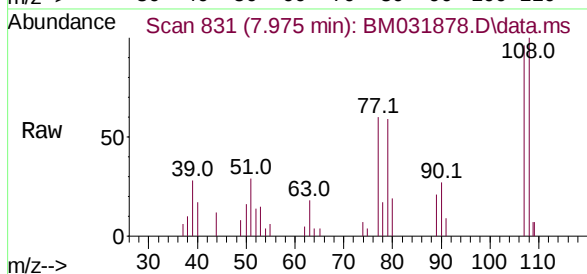
Abundance Scan 832 (7.981 min): BM031869.D\data.ms (-824) #17

2-Methylphenol
Concen: 3.303 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

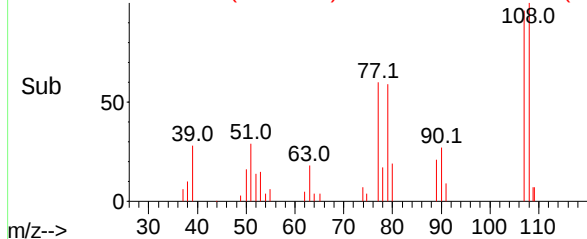
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	107	Resp:	5878
Ion	Ratio	Lower	Upper
107	100		
108	104.1	87.9	131.9
77	61.9	48.2	72.2
79	61.1	44.7	67.1

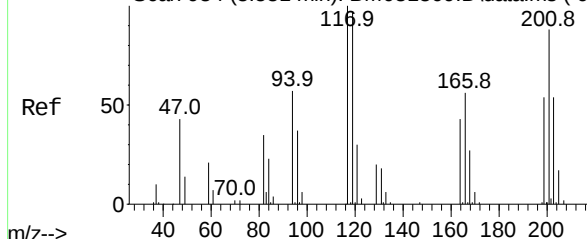


Abundance Scan 831 (7.975 min): BM031878.D\data.ms (-781) (-)

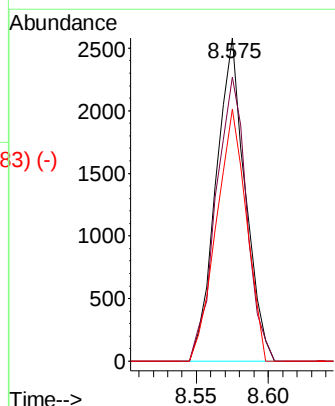
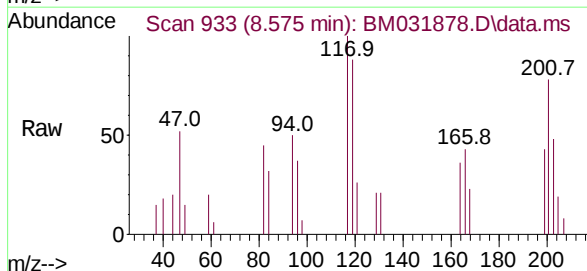


Abundance Scan 934 (8.581 min): BM031869.D\data.ms (-927) #18

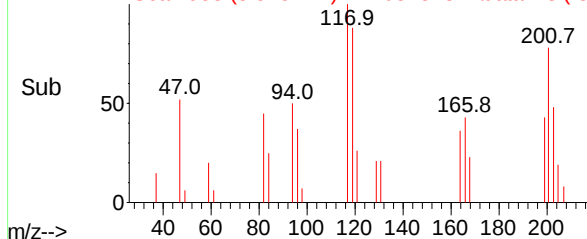
Hexachloroethane
Concen: 3.681 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

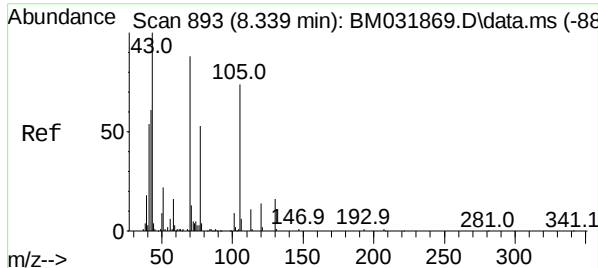


Tgt Ion:	117	Resp:	3638
Ion	Ratio	Lower	Upper
117	100		
119	87.8	77.7	116.5
201	78.0	70.2	105.2



Abundance Scan 933 (8.575 min): BM031878.D\data.ms (-883) (-)

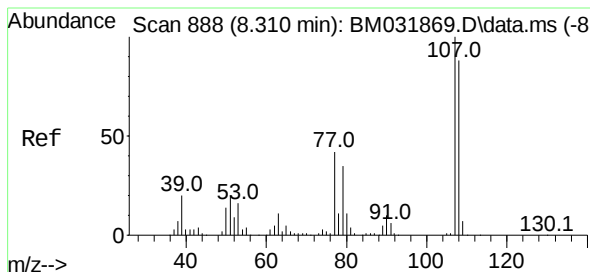
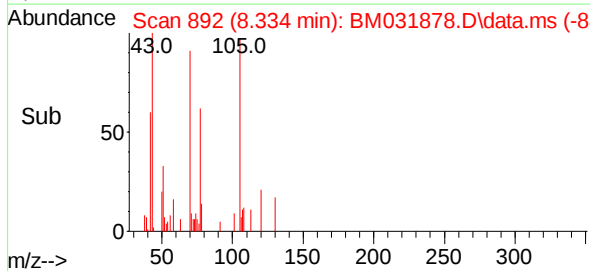
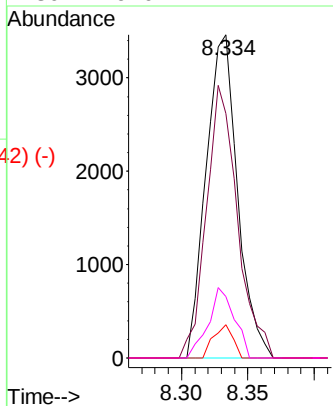
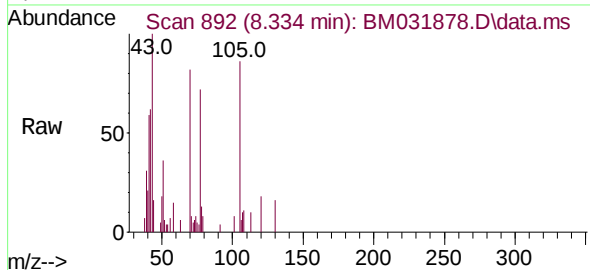




#19
n-Nitroso-di-n-propylamine
Concen: 2.866 ng
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

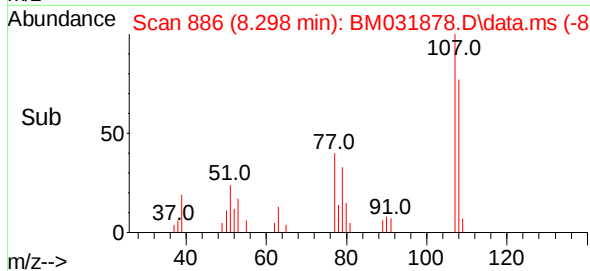
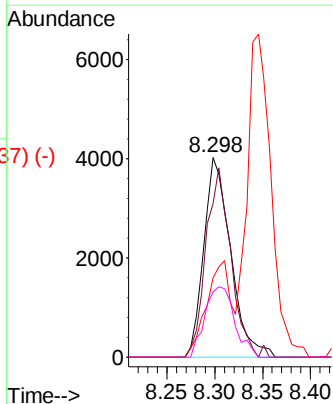
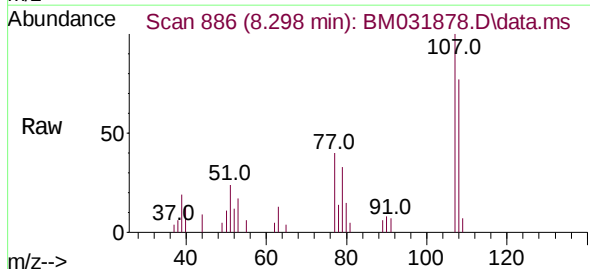
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	70	Resp:	5707
Ion	Ratio	Lower	Upper
70	100		
42	75.6	56.3	84.5
101	10.3	7.8	11.6
130	19.0	14.2	21.4



#20
3+4-Methylphenols
Concen: 3.146 ng
RT: 8.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

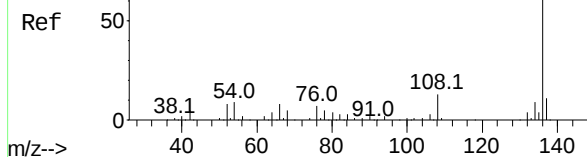
Tgt Ion:	107	Resp:	7807
Ion	Ratio	Lower	Upper
107	100		
108	76.9	67.6	107.6
77	39.8	21.9	61.9
79	32.6	15.3	55.3



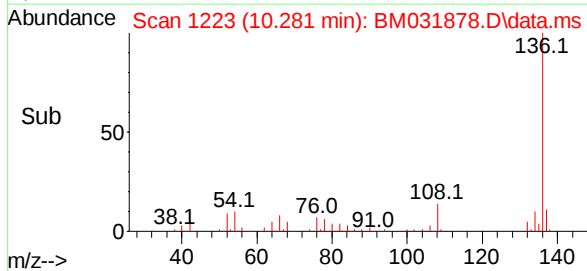
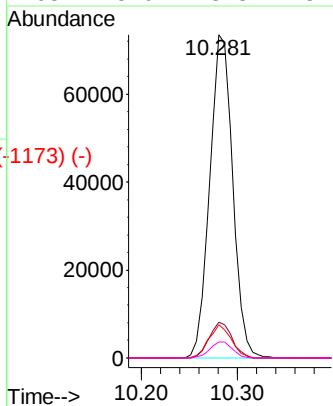
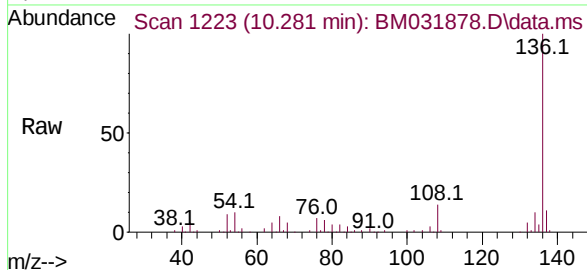
Abundance Scan 1224 (10.286 min): BM031869.D\data.ms (-1221) (-)

Naphthalene-d8
Concen: 20.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

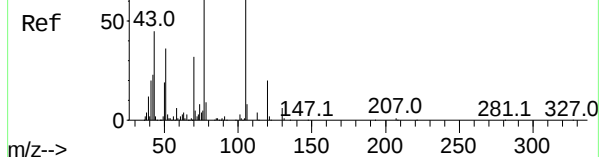


Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	7.4	11.0
68	5.0	3.8	5.8

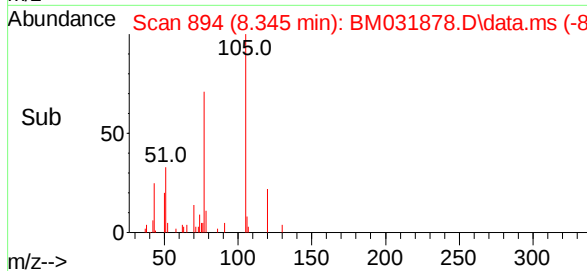
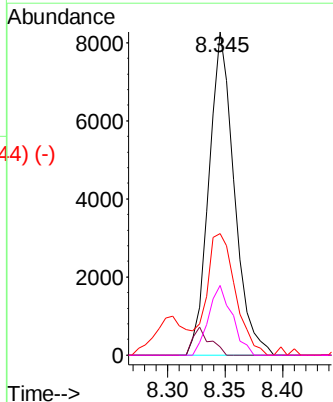
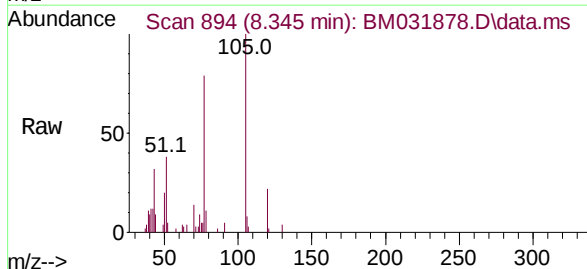


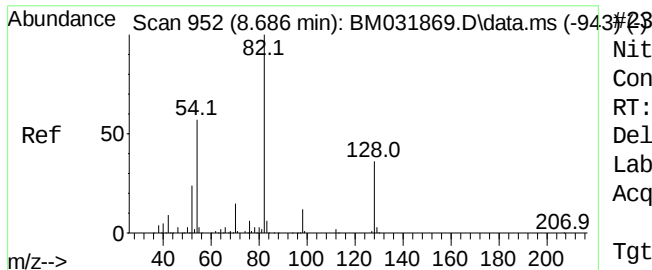
Abundance Scan 895 (8.351 min): BM031869.D\data.ms (-883) (-)

Acetophenone
Concen: 3.564 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.8	5.6#
51	37.6	29.5	44.3
120	21.6	16.3	24.5

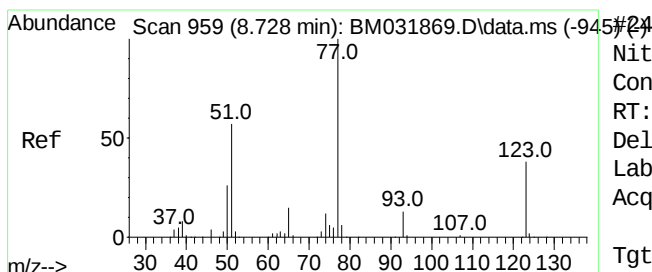
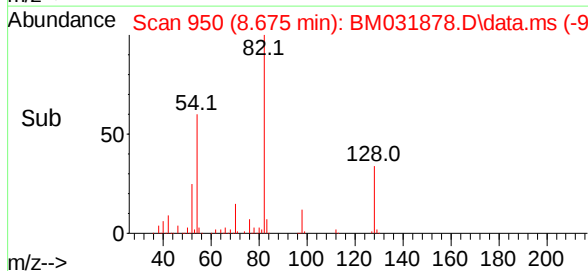
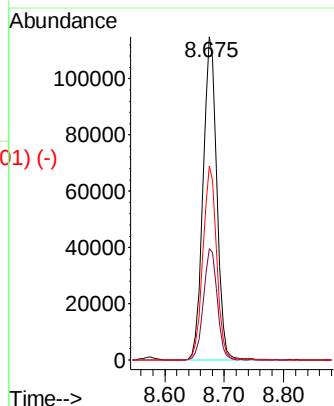
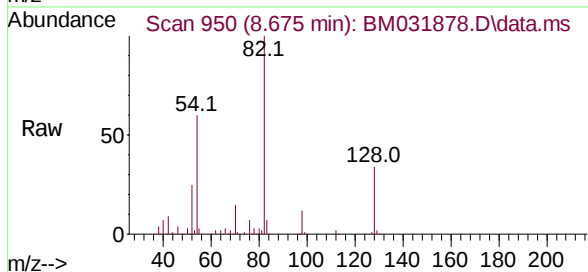




#23
Nitrobenzene-d5
Concen: 62.043 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

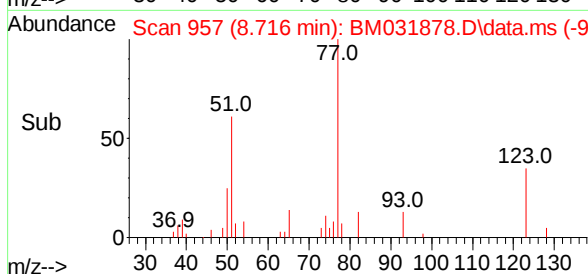
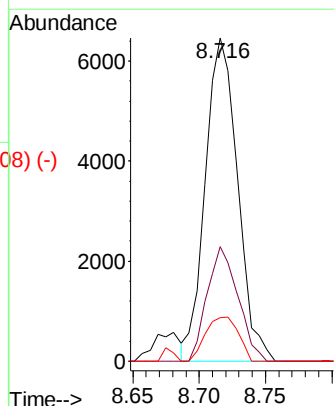
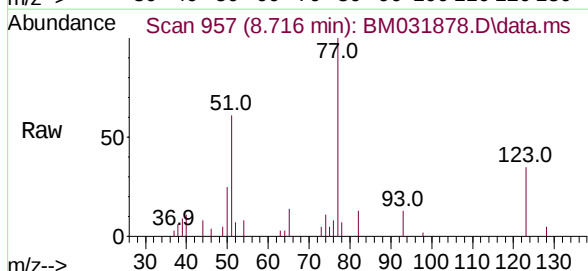
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	82	Resp:	186028
Ion	Ratio	Lower	Upper
82	100		
128	34.4	29.0	43.6
54	59.9	45.8	68.8



#24
Nitrobenzene
Concen: 3.559 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

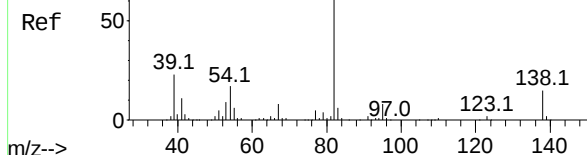
Tgt Ion:	77	Resp:	10930
Ion	Ratio	Lower	Upper
77	100		
123	35.5	30.1	45.1
65	13.5	11.7	17.5



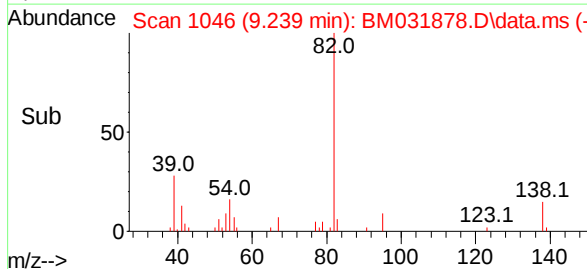
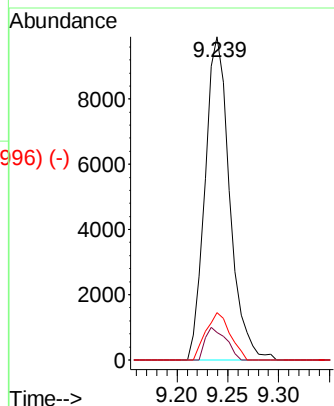
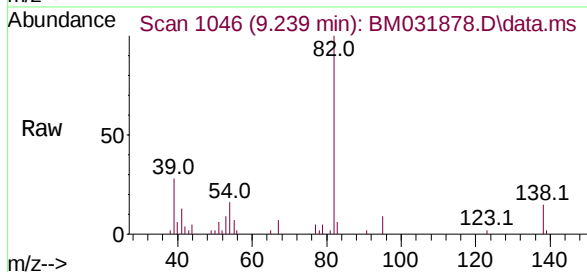
Abundance Scan 1047 (9.245 min): BM031869.D\data.ms (-10325-)

Isophorone
Concen: 3.109 ng
RT: 9.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

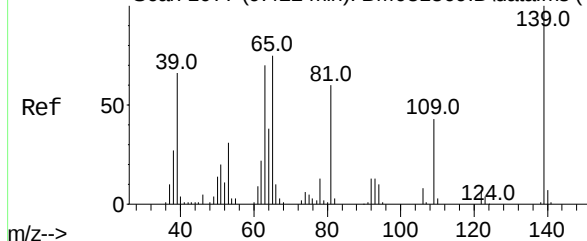


Tgt Ion	Ratio	Lower	Upper
82	100		
95	8.5	6.4	9.6
138	14.6	12.4	18.6

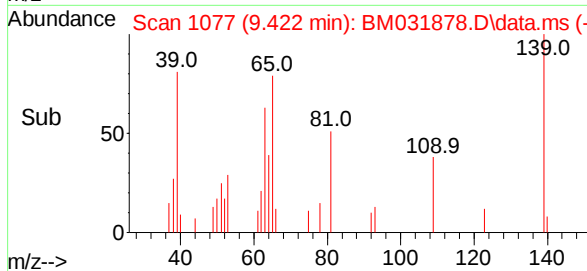
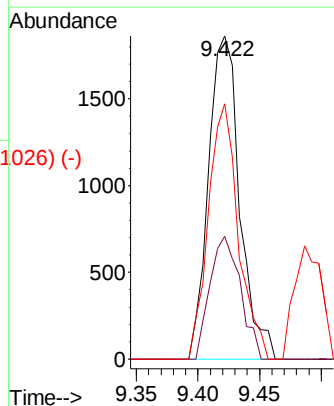
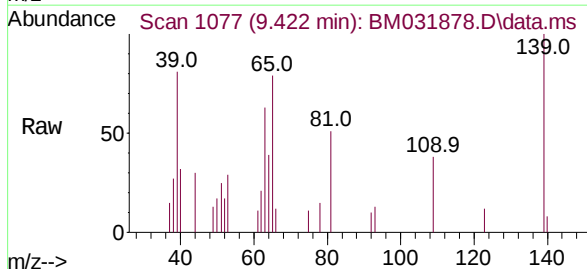


Abundance Scan 1077 (9.422 min): BM031869.D\data.ms (-10726-)

2-Nitrophenol
Concen: 2.842 ng
RT: 9.422 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



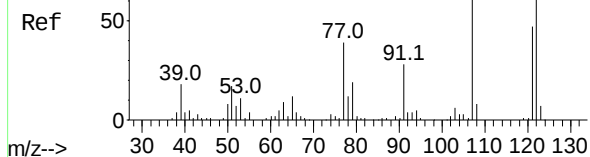
Tgt Ion	Ratio	Lower	Upper
139	100		
109	37.9	34.8	52.2
65	79.0	59.9	89.9



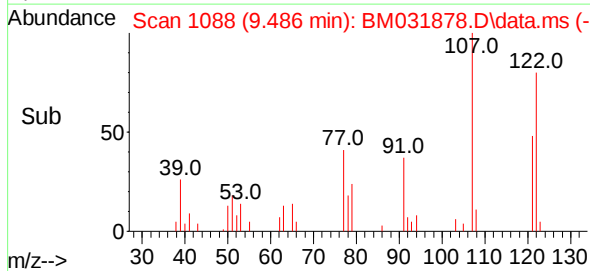
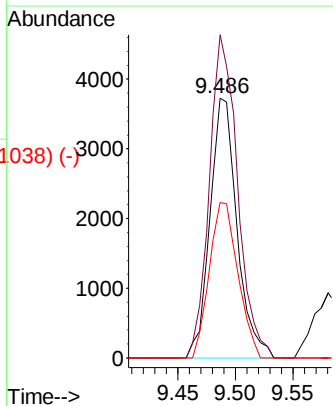
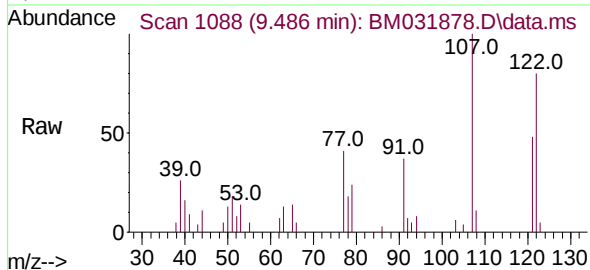
Abundance Scan 1089 (9.492 min): BM031869.D\data.ms (-1027) (-)

2,4-Dimethylphenol
Concen: 3.423 ng
RT: 9.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

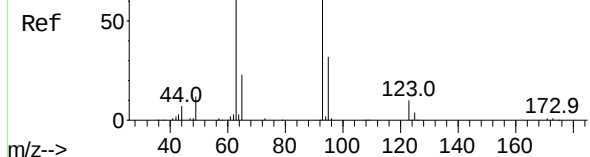


Tgt Ion:	122	Resp:	6108
Ion	Ratio	Lower	Upper
122	100		
107	124.3	100.6	150.8
121	59.9	47.3	70.9

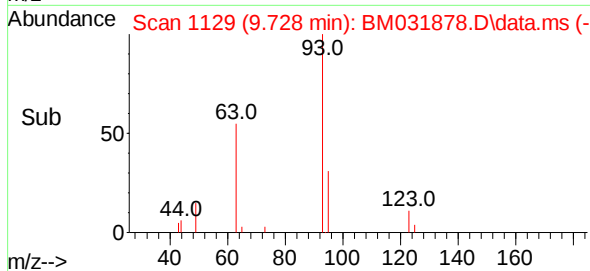
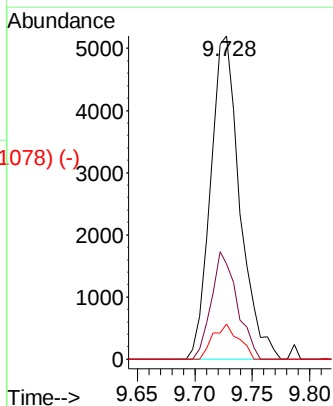
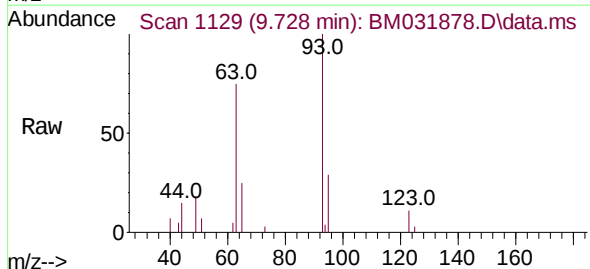


Abundance Scan 1129 (9.728 min): BM031869.D\data.ms (-1128) (-)

bis(2-Chloroethoxy)methane
Concen: 3.516 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



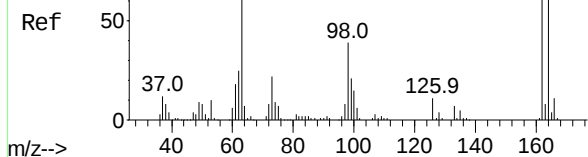
Tgt Ion:	93	Resp:	9195
Ion	Ratio	Lower	Upper
93	100		
95	29.4	25.8	38.8
123	11.0	8.8	13.2



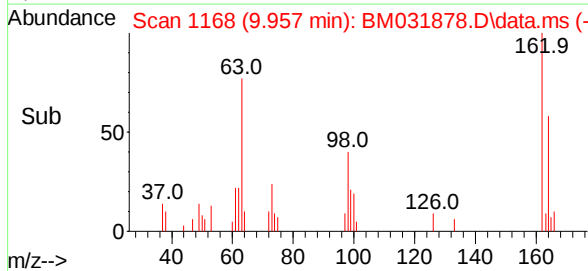
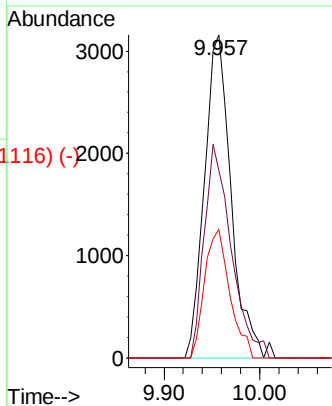
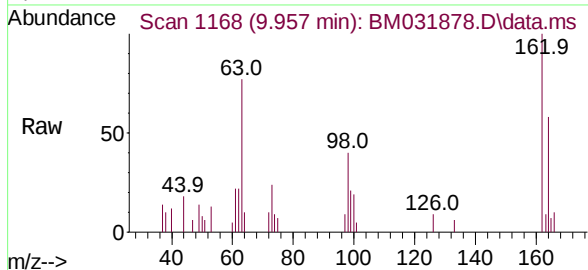
Abundance Scan 1167 (9.951 min): BM031869.D\data.ms (-1116) (-)

2,4-Dichlorophenol
Concen: 3.010 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

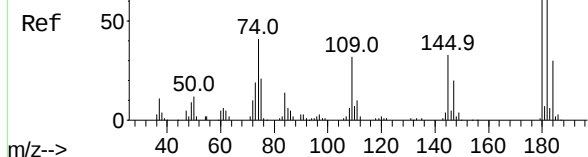


Tgt Ion	Ratio	Lower	Upper
162	100		
164	58.0	47.4	87.4
98	39.8	18.9	58.9

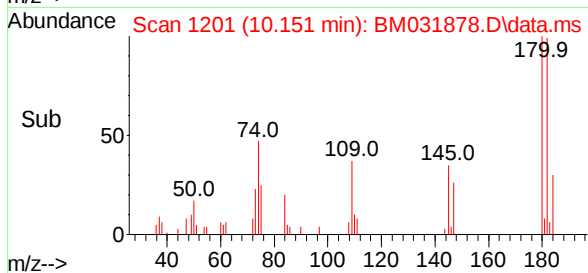
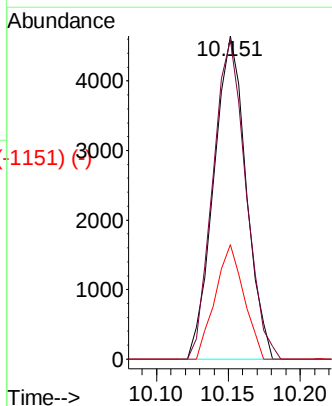
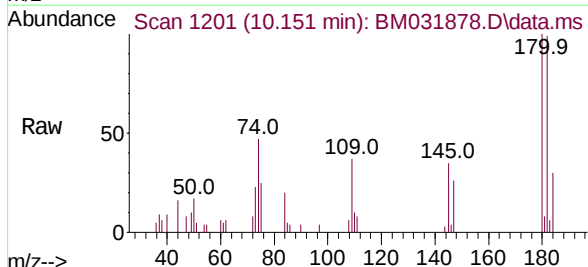


Abundance Scan 1202 (10.157 min): BM031869.D\data.ms (-1130) (-)

1,2,4-Trichlorobenzene
Concen: 3.381 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



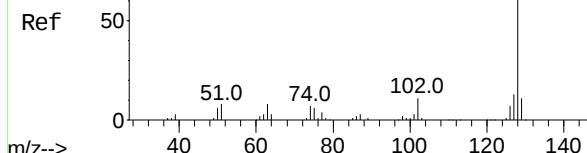
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.9	75.5	113.3
145	35.5	26.2	39.2



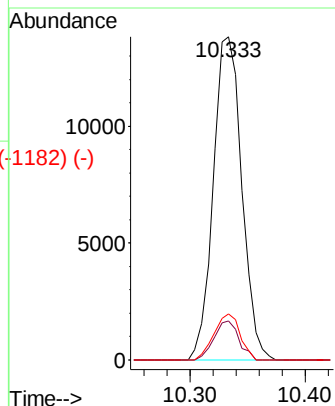
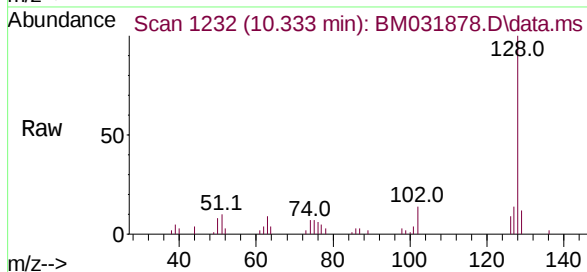
Abundance Scan 1233 (10.339 min): BM031869.D\data.ms (-1234) (-)

Naphthalene
Concen: 3.404 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

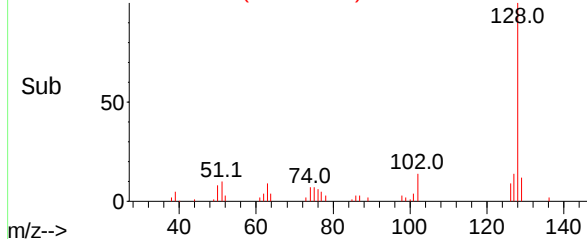
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	14.2	10.4	15.6

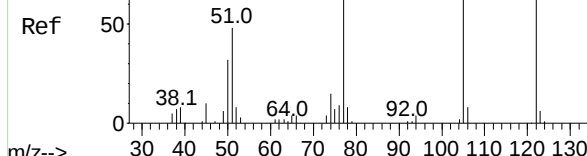


Abundance Scan 1232 (10.333 min): BM031878.D\data.ms (-1182) (-)

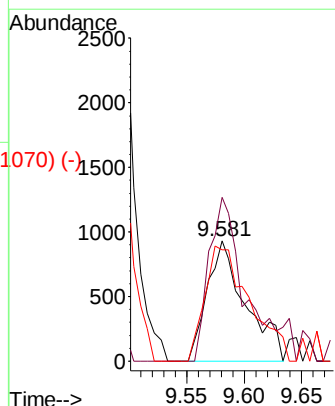
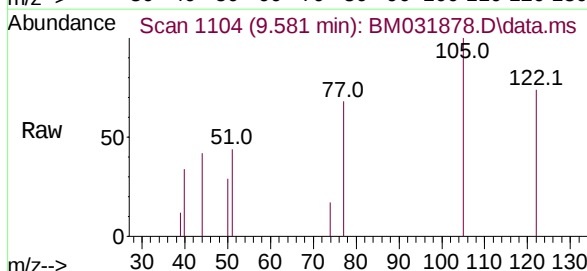


Abundance Scan 1121 (9.581 min): BM031869.D\data.ms (-1092) (-)

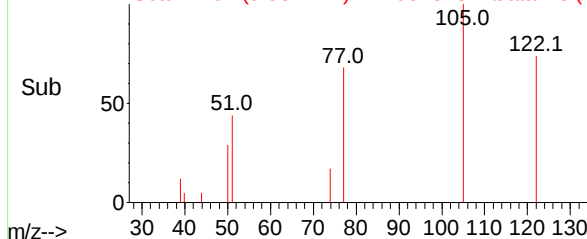
Benzoic acid
Concen: 1.432 ng
RT: 9.581 min Scan# 1104
Delta R.T. -0.100 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.7	120.3	160.3
77	92.3	100.0	140.0#



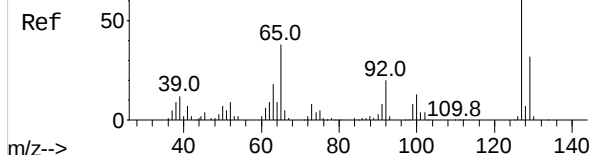
Abundance Scan 1104 (9.581 min): BM031878.D\data.ms (-1070) (-)



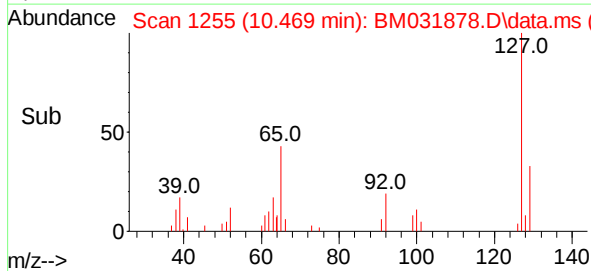
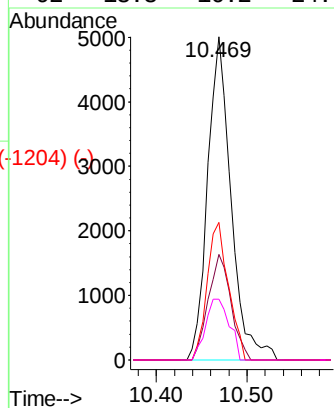
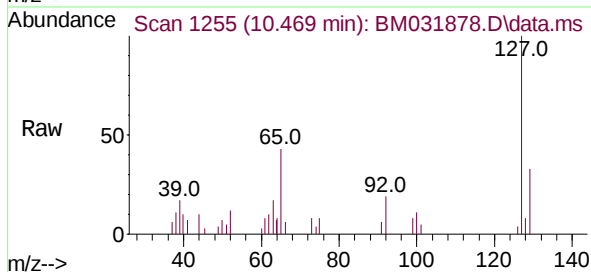
Abundance Scan 1255 (10.469 min): BM031869.D\data.ms (-1236) (-)

4-Chloroaniline
Concen: 3.229 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

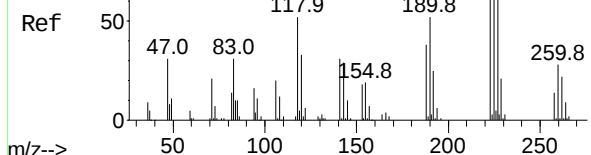


Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	42.6	30.4	45.6
92	18.8	16.2	24.4

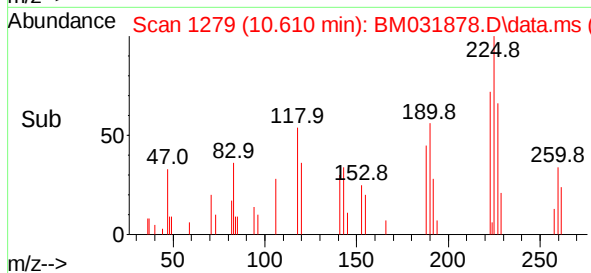
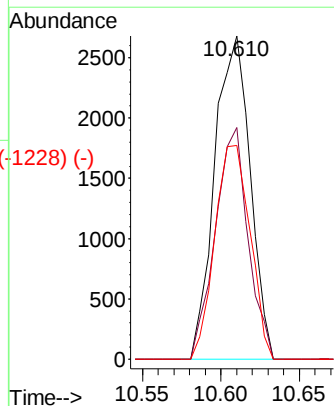
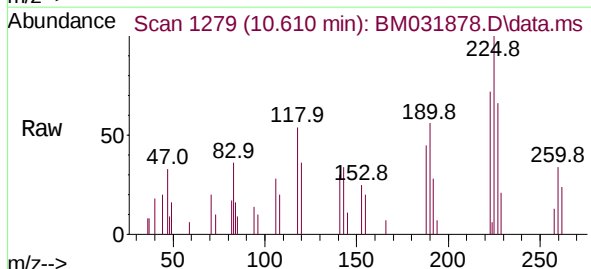


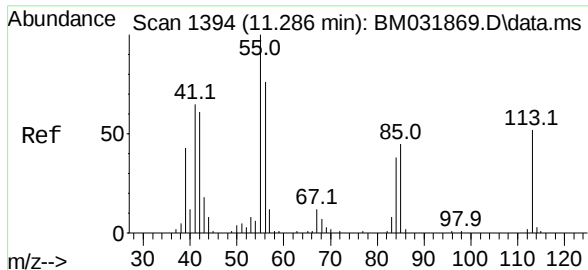
Abundance Scan 1279 (10.610 min): BM031869.D\data.ms (-1237) (-)

Hexachlorobutadiene
Concen: 3.126 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
225	100		
223	78.0	52.6	78.8
227	66.2	51.2	76.8

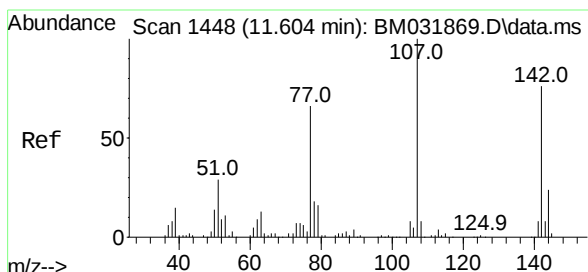
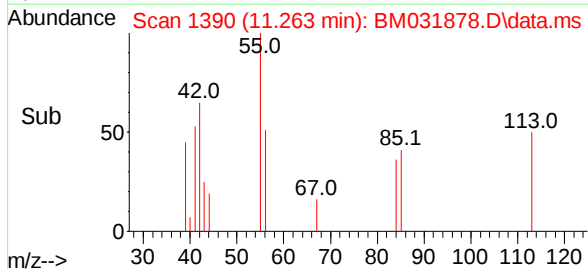
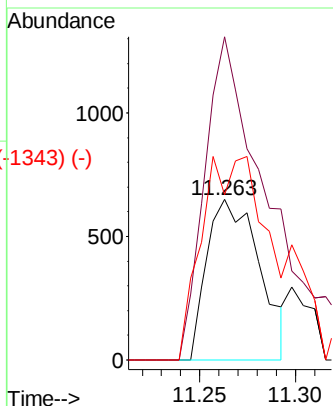
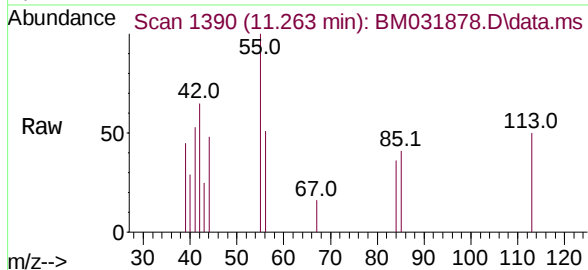




Caprolactam
Concen: 1.929 ng
RT: 11.263 min Scan# 1390
Delta R.T. -0.023 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

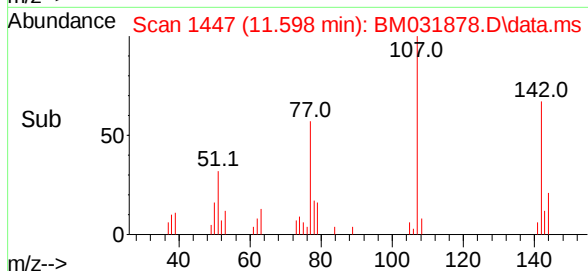
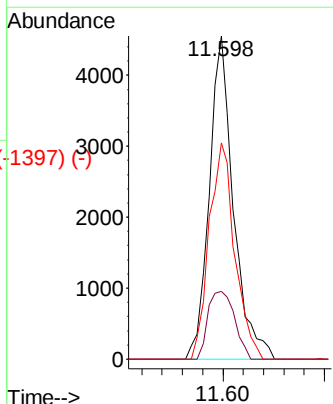
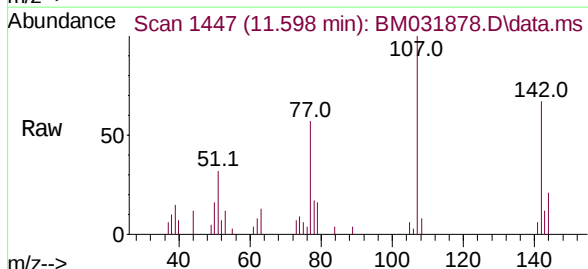
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:113 Resp: 1234
Ion Ratio Lower Upper
113 100
55 201.2 170.5 210.5
56 102.9 125.2 165.2#



4-Chloro-3-methylphenol
Concen: 3.122 ng
RT: 11.598 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:107 Resp: 7494
Ion Ratio Lower Upper
107 100
144 20.9 19.3 28.9
142 67.0 60.5 90.7



Abundance Scan 1508 (11.957 min): BM031869.D\data.ms (-1437) (-)

2-Methylnaphthalene

Concen: 3.328 ng

RT: 11.957 min Scan# 1508

Delta R.T. 0.000 min

Lab File: BM031878.D

Acq: 24 Aug 2021 09:52

Tgt Ion:142 Resp: 16797

Ion Ratio Lower Upper

142 100

141 81.4 71.8 107.6

115 43.7 36.3 54.5

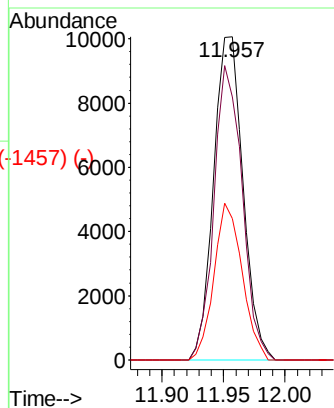
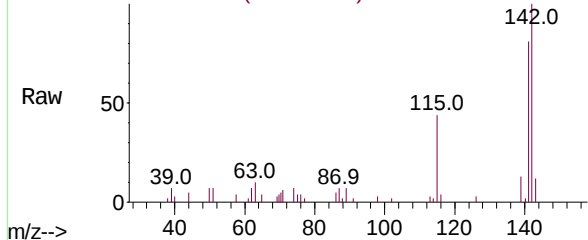
Instrument :

BNA_M

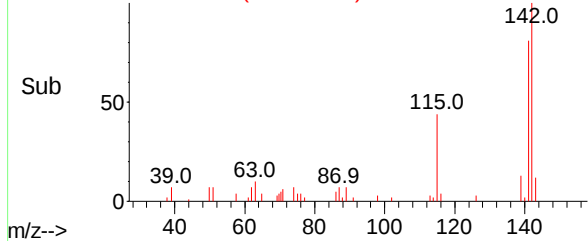
ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Abundance Scan 1508 (11.957 min): BM031878.D\data.ms



Abundance Scan 1508 (11.957 min): BM031878.D\data.ms (-1457) (-)



Abundance Scan 1546 (12.180 min): BM031869.D\data.ms (-1535) (-)

1-Methylnaphthalene

Concen: 3.348 ng

RT: 12.175 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BM031878.D

Acq: 24 Aug 2021 09:52

Tgt Ion:142 Resp: 15909

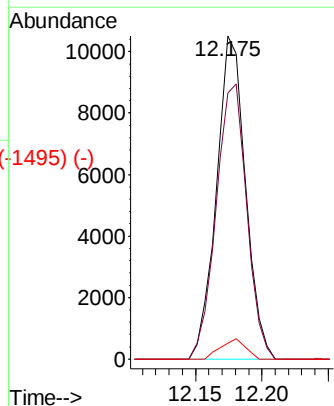
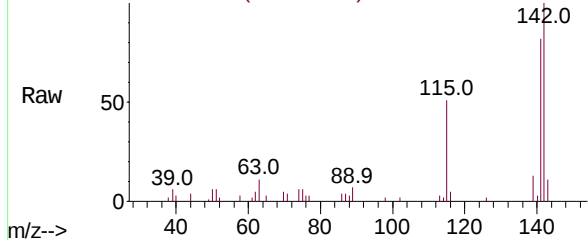
Ion Ratio Lower Upper

142 100

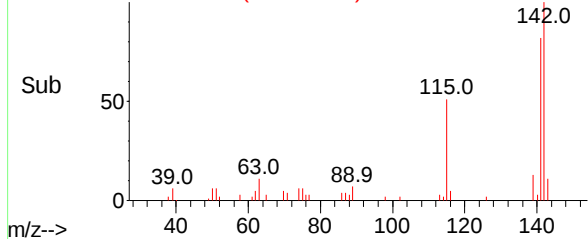
141 82.4 75.6 113.4

116 4.9 4.0 6.0

Abundance Scan 1545 (12.175 min): BM031878.D\data.ms



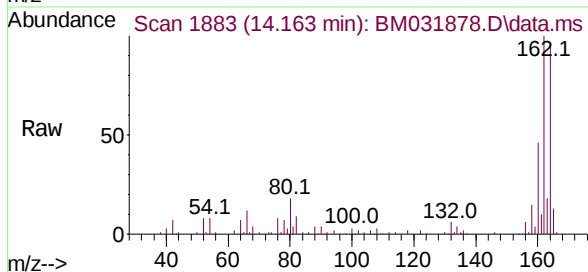
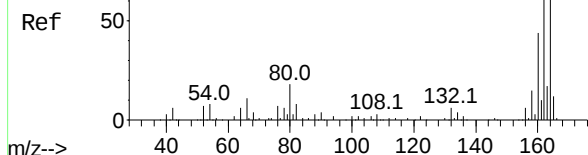
Abundance Scan 1545 (12.175 min): BM031878.D\data.ms (-1495) (-)



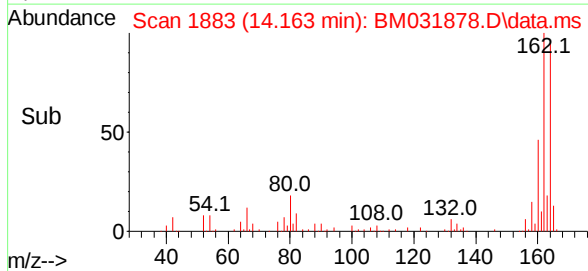
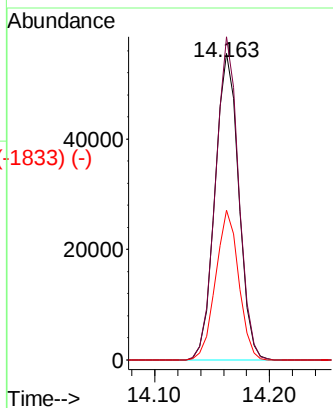
Abundance Scan 1884 (14.168 min): BM031869.D\data.ms (-1839) (-)

Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

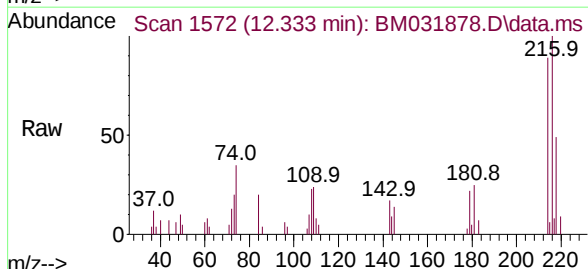
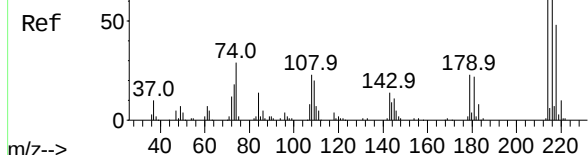


Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.4	80.6	121.0
160	48.9	35.1	52.7

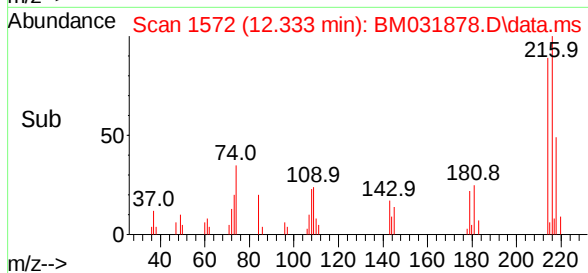
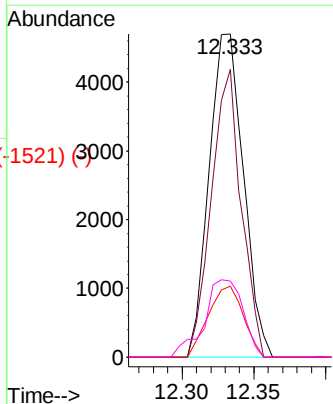


Abundance Scan 1572 (12.333 min): BM031869.D\data.ms (-1540) (-)

1,2,4,5-Tetrachlorobenzene
Concen: 3.402 ng
RT: 12.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



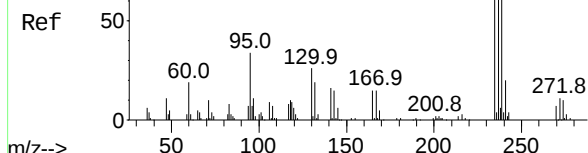
Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	62.5	93.7
179	22.4	18.7	28.1
108	26.9	21.0	31.4



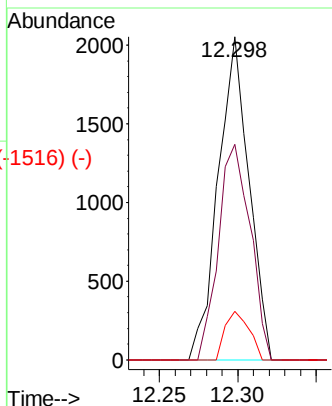
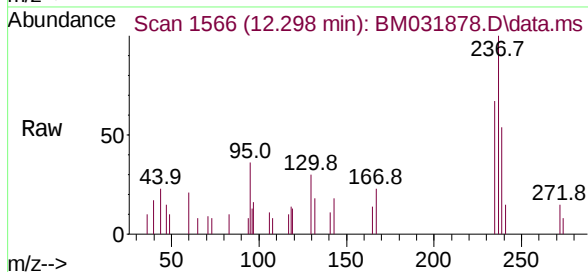
Abundance Scan 1567 (12.304 min): BM031869.D\data.ms (-1560) (-)

Hexachlorocyclopentadiene
Concen: 2.532 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

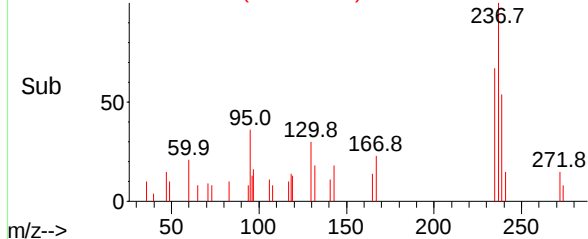
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
237	100		
235	66.6	44.4	84.4
272	15.1	0.0	31.4



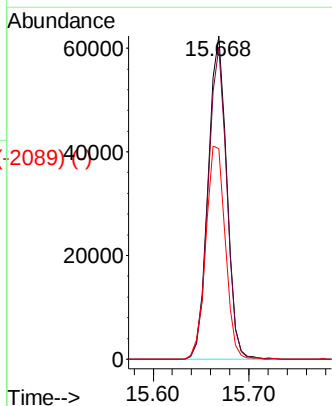
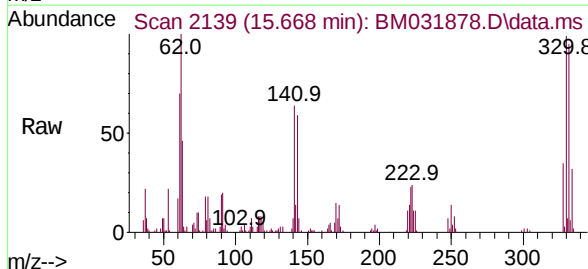
Abundance Scan 1566 (12.298 min): BM031878.D\data.ms (-1516) (-)



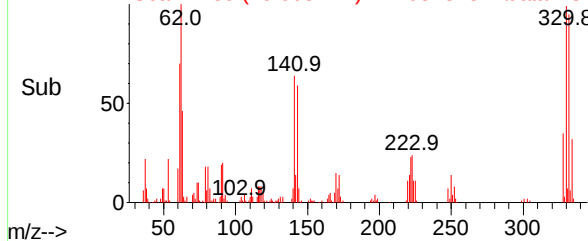
Abundance Scan 2140 (15.674 min): BM031869.D\data.ms (-2142) (-)

2,4,6-Tribromophenol
Concen: 95.632 ng
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.7	113.5
141	68.8	50.7	76.1



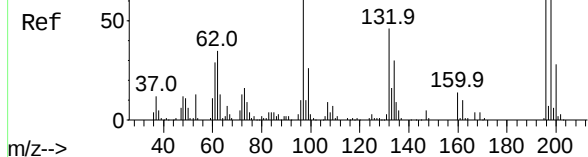
Abundance Scan 2139 (15.668 min): BM031878.D\data.ms (-2089) (-)



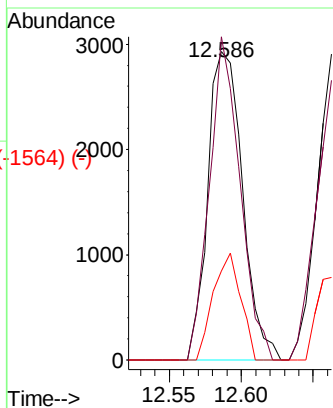
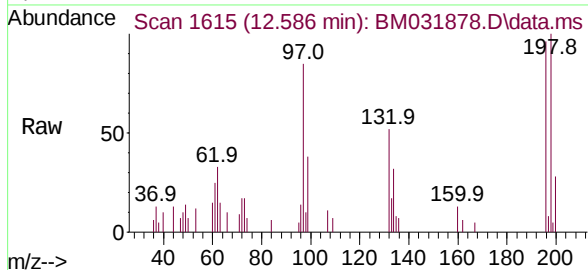
Abundance Scan 1615 (12.586 min): BM031869.D\data.ms (-1564) (-)

2,4,6-Trichlorophenol
Concen: 2.911 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

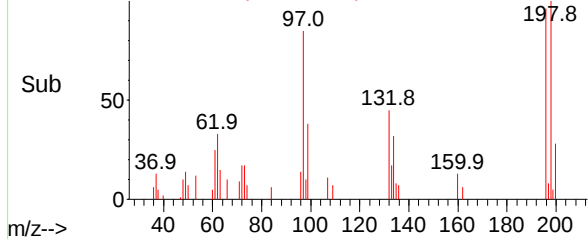
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	196	Resp:	4916
Ion	Ratio	Lower	Upper
196	100		
198	104.7	73.6	110.4
200	28.9	22.1	33.1



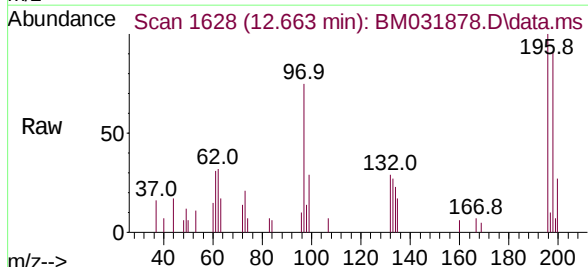
Abundance Scan 1615 (12.586 min): BM031878.D\data.ms (-1564) (-)



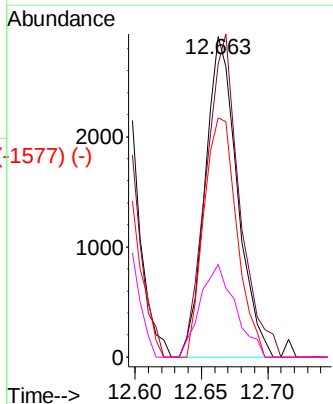
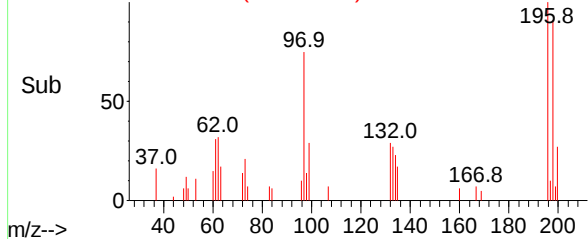
Abundance Scan 1628 (12.663 min): BM031869.D\data.ms (-1577) (-)

2,4,5-Trichlorophenol
Concen: 2.714 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

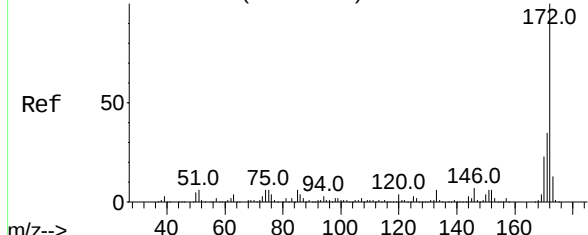
Tgt Ion:	196	Resp:	4889
Ion	Ratio	Lower	Upper
196	100		
198	91.3	77.0	115.4
97	74.6	53.9	80.9
132	28.9	23.8	35.8



Abundance Scan 1628 (12.663 min): BM031878.D\data.ms (-1577) (-)



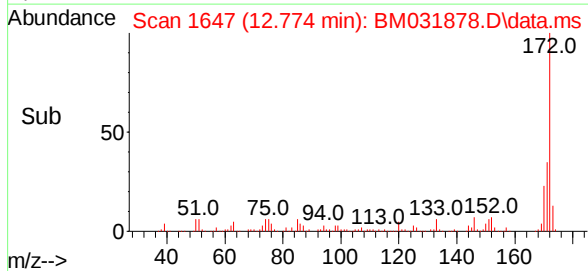
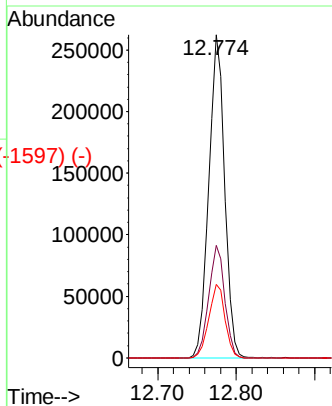
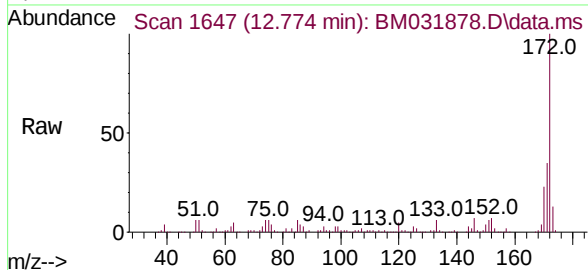
Abundance Scan 1648 (12.780 min): BM031869.D\data.ms (-1645) (-)



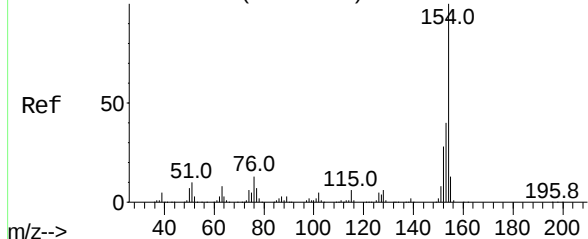
2-Fluorobiphenyl
Concen: 59.150 ng
RT: 12.774 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.1	42.1
170	22.8	18.6	27.8

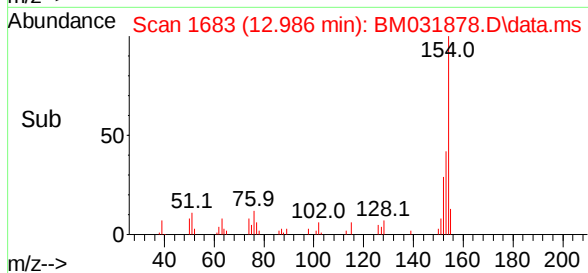
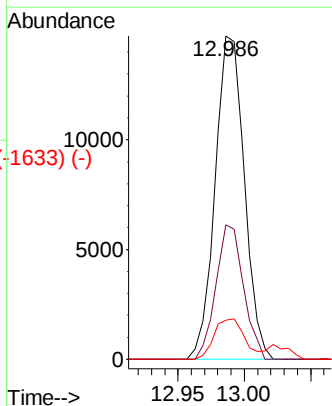
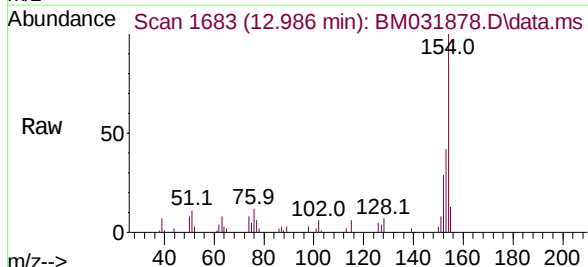


Abundance Scan 1684 (12.992 min): BM031869.D\data.ms (-1646) (-)



1,1'-Biphenyl
Concen: 3.490 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.3	60.3
76	12.1	0.0	33.5



Abundance Scan 1691 (13.033 min): BM031869.D\data.ms (-1647) (-)

2-Chloronaphthalene

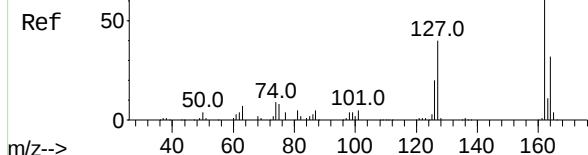
Concen: 3.311 ng

RT: 13.027 min Scan# 1690

Delta R.T. -0.006 min

Lab File: BM031878.D

Acq: 24 Aug 2021 09:52



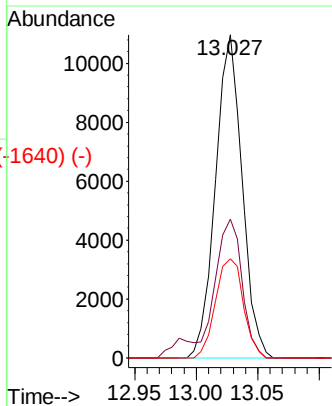
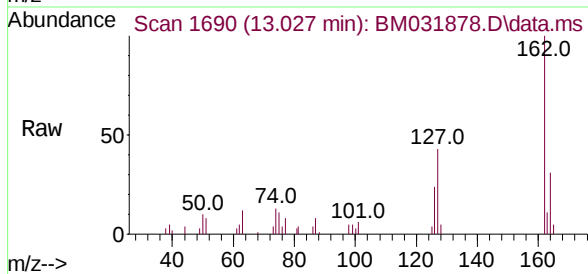
Tgt Ion: 162 Resp: 16511

Ion Ratio Lower Upper

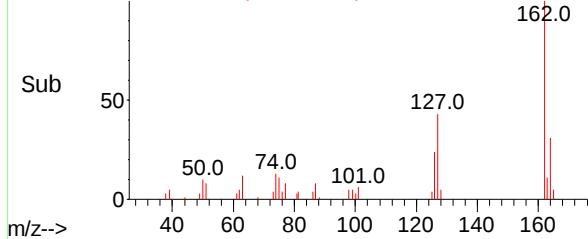
162 100

127 42.9 33.2 49.8

164 30.6 25.7 38.5



Abundance Scan 1690 (13.027 min): BM031878.D\data.ms (-1640) (-)



Abundance Scan 1729 (13.257 min): BM031869.D\data.ms (-1749) (-)

2-Nitroaniline

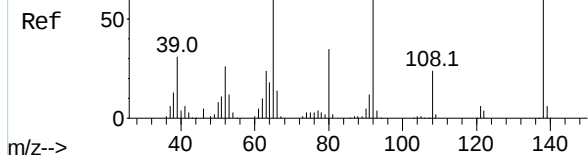
Concen: 2.072 ng

RT: 13.257 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BM031878.D

Acq: 24 Aug 2021 09:52



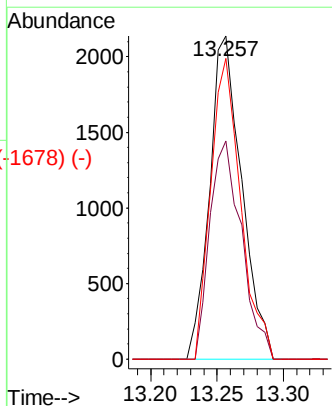
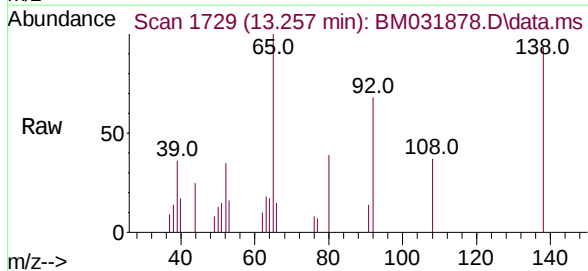
Tgt Ion: 65 Resp: 3595

Ion Ratio Lower Upper

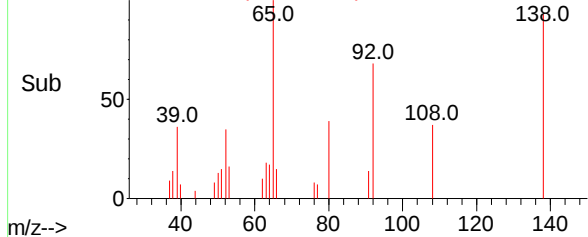
65 100

92 67.6 51.2 76.8

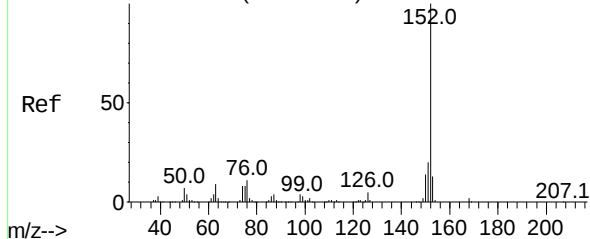
138 93.2 66.8 100.2



Abundance Scan 1729 (13.257 min): BM031878.D\data.ms (-1678) (-)



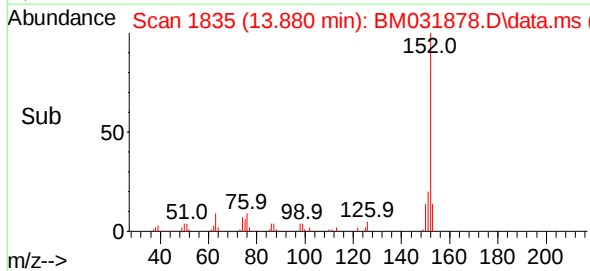
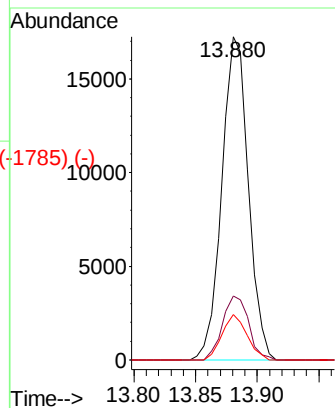
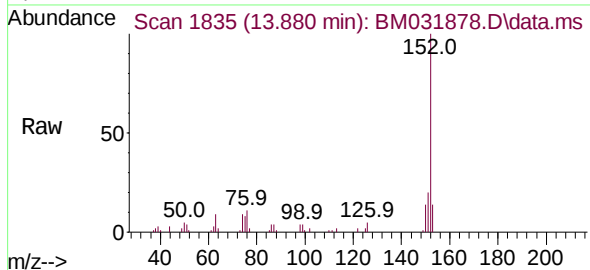
Abundance Scan 1836 (13.886 min): BM031869.D\data.ms (-1749) (-)



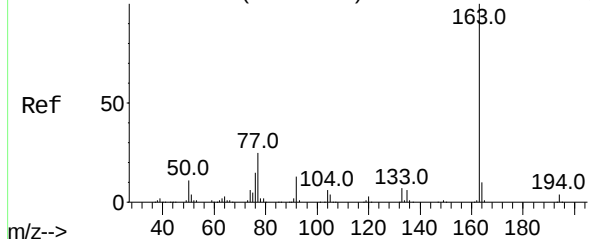
Acenaphthylene
Concen: 3.196 ng
RT: 13.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	152	Resp:	25857
Ion Ratio	Lower	Upper	
152	100		
151	19.9	15.7	23.5
153	14.0	10.6	15.8

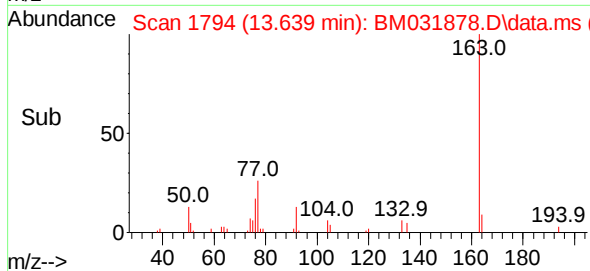
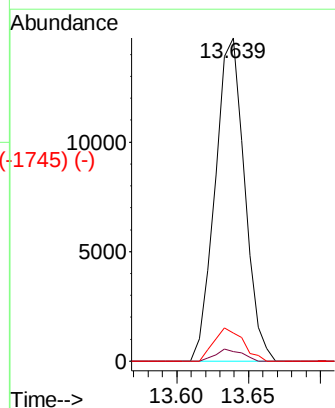
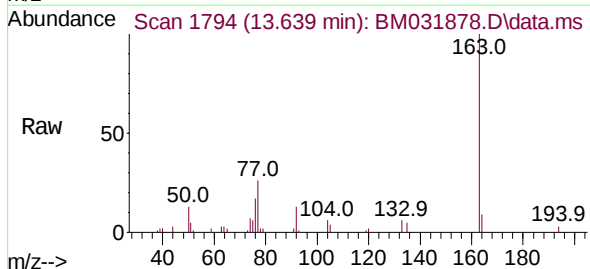


Abundance Scan 1796 (13.651 min): BM031869.D\data.ms (-1750) (-)



Dimethylphthalate
Concen: 3.235 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

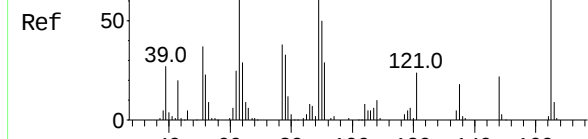
Tgt Ion:	163	Resp:	20921
Ion Ratio	Lower	Upper	
163	100		
194	2.8	2.9	4.3#
164	8.7	8.0	12.0



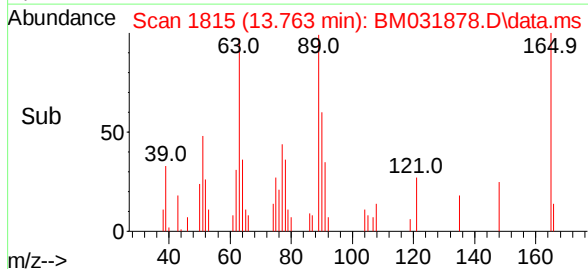
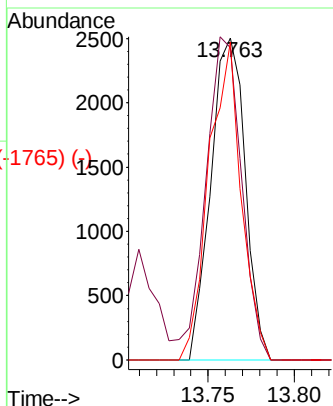
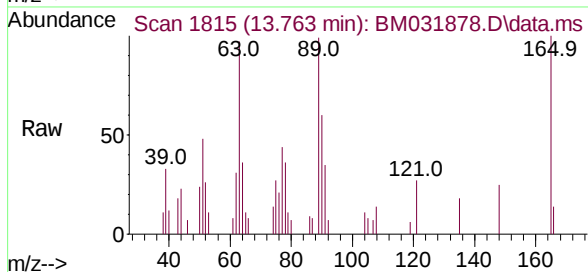
Abundance Scan 1816 (13.768 min): BM031869.D\data.ms (-1759) (-)

2,6-Dinitrotoluene
Concen: 2.472 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

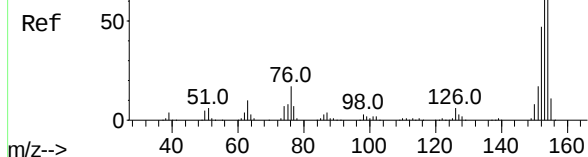


Tgt Ion:	165	Resp:	3488
Ion	Ratio	Lower	Upper
165	100		
63	96.9	72.4	108.6
89	98.8	69.3	103.9

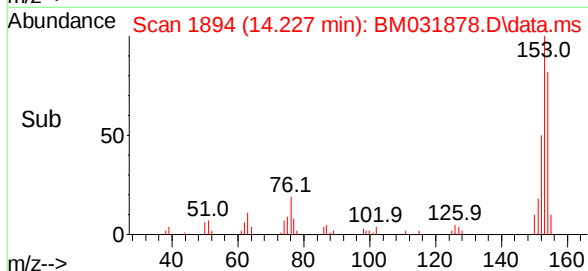
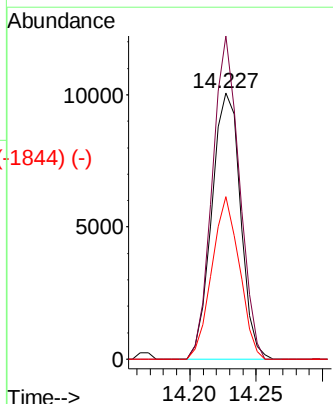
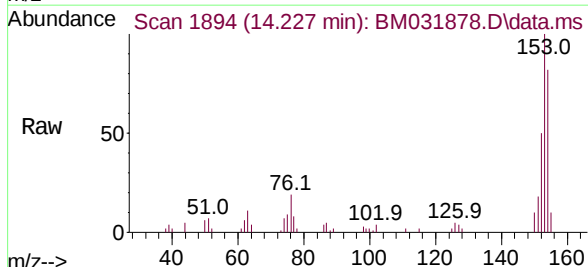


Abundance Scan 1895 (14.233 min): BM031869.D\data.ms (-1759) (-)

Acenaphthene
Concen: 3.105 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



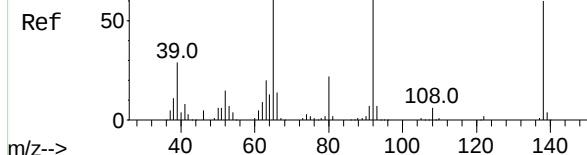
Tgt Ion:	154	Resp:	15108
Ion	Ratio	Lower	Upper
154	100		
153	121.3	92.4	138.6
152	61.1	43.7	65.5



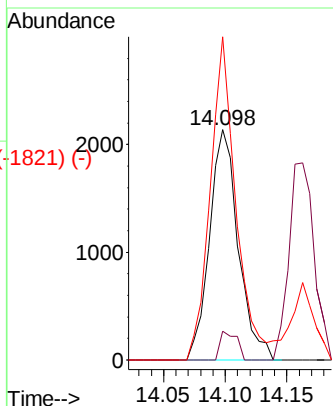
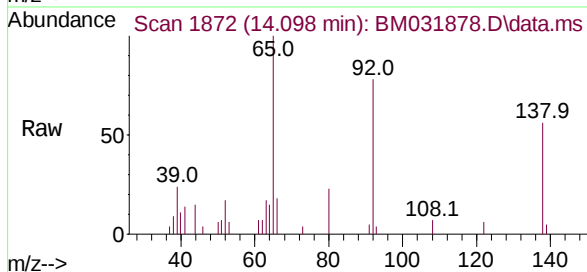
Abundance Scan 1872 (14.098 min): BM031869.D\data.ms (-1859) (-)

3-Nitroaniline
Concen: 2.509 ng
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

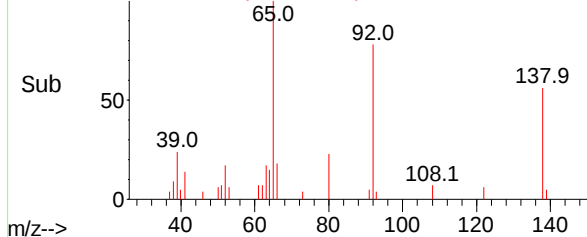
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:138 Resp: 3465
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5#
92 140.4 105.2 157.8



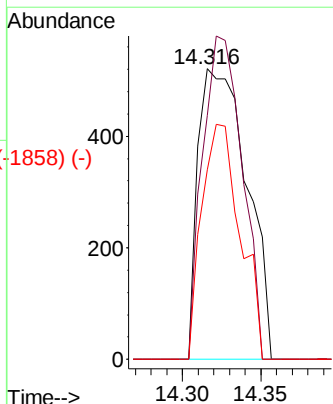
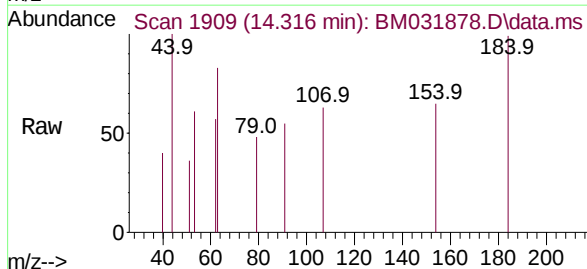
Abundance Scan 1872 (14.098 min): BM031878.D\data.ms (-1821) (-)



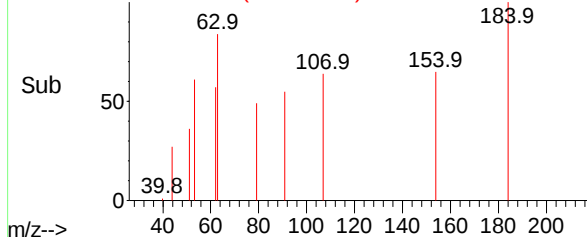
Abundance Scan 1909 (14.316 min): BM031869.D\data.ms (-1954) (-)

2,4-Dinitrophenol
Concen: 1.434 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

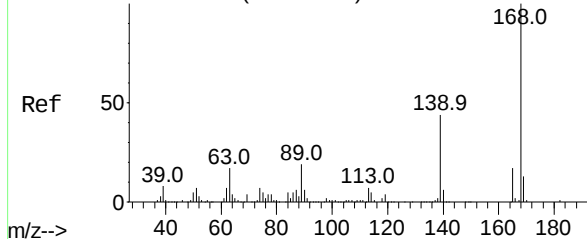
Tgt Ion:184 Resp: 1130
Ion Ratio Lower Upper
184 100
63 83.9 93.8 140.6#
154 65.1 64.0 96.0



Abundance Scan 1909 (14.316 min): BM031878.D\data.ms (-1858) (-)



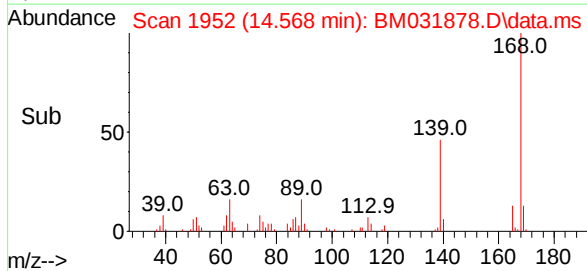
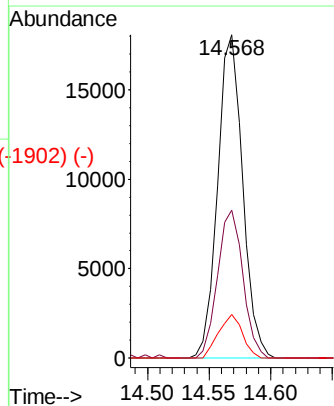
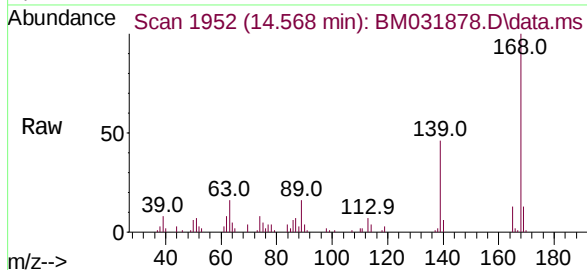
Abundance Scan 1953 (14.574 min): BM031869.D\data.ms (-1955) (-)



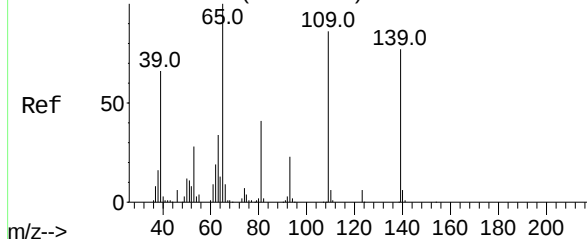
Dibenzofuran
Concen: 3.175 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
168	100		
139	45.7	35.0	52.4
169	13.4	10.8	16.2

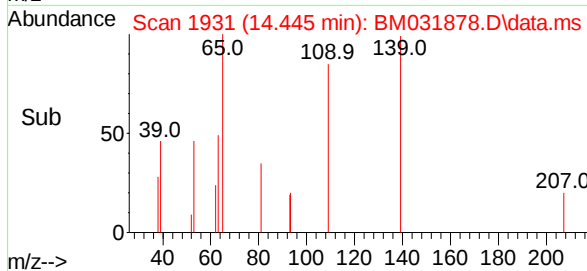
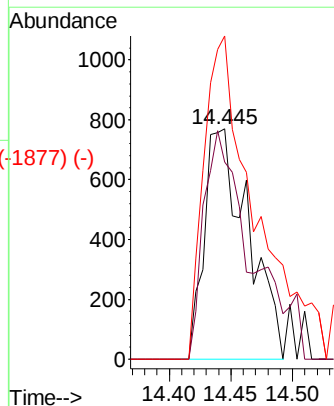
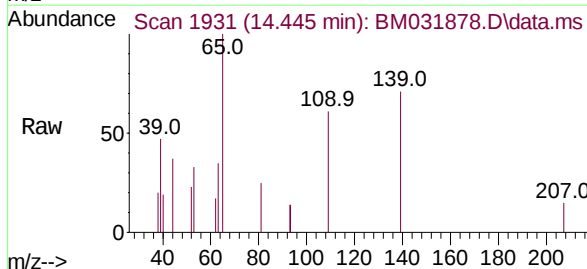


Abundance Scan 1928 (14.427 min): BM031869.D\data.ms (-1955) (-)

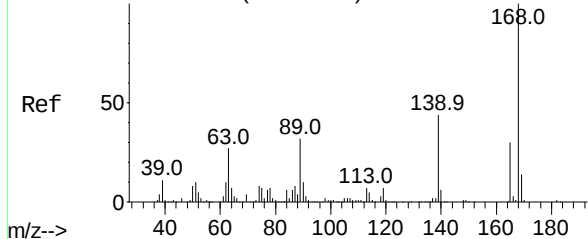


4-Nitrophenol
Concen: 1.671 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.018 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
139	100		
109	85.6	92.3	132.3#
65	140.4	110.5	150.5



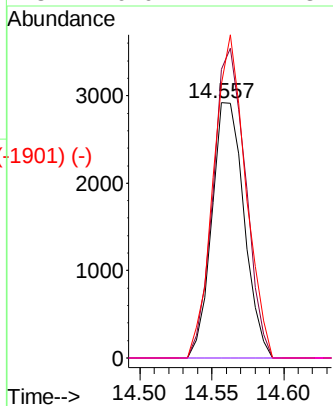
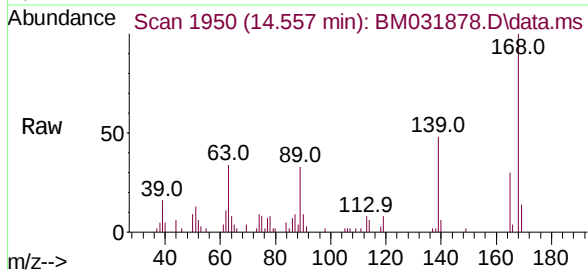
Abundance Scan 1952 (14.568 min): BM031869.D\data.ms (-1952) (-)



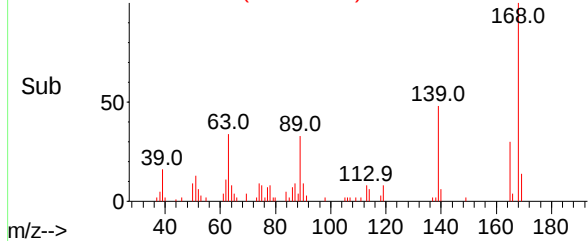
2,4-Dinitrotoluene
Concen: 2.309 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

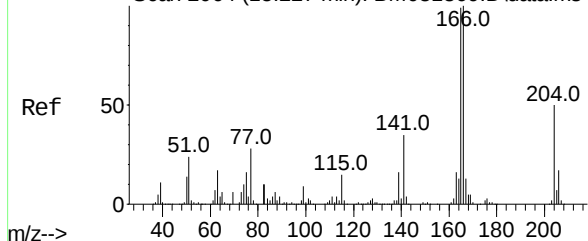
Tgt Ion	Ratio	Lower	Upper
165	100		
63	113.1	70.3	105.5#
89	107.2	83.1	124.7
182	0.0	2.2	3.4#



Abundance Scan 1950 (14.557 min): BM031878.D\data.ms (-1901) (-)

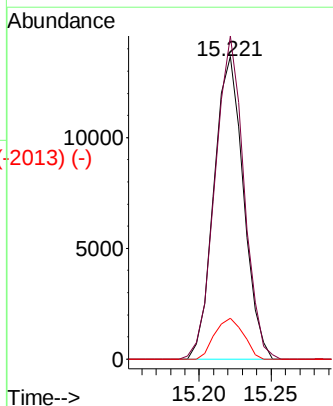
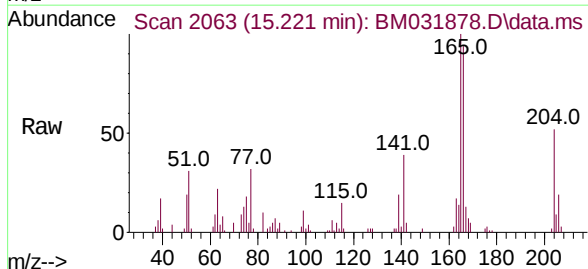


Abundance Scan 2064 (15.227 min): BM031869.D\data.ms (-2056) (-)

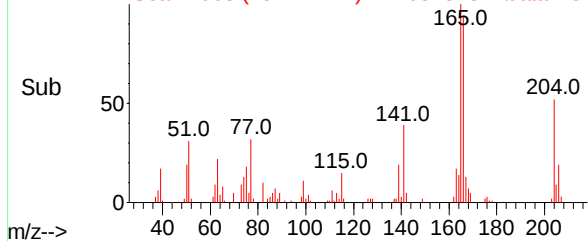


Fluorene
Concen: 2.949 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.3	118.9
167	13.4	10.6	16.0



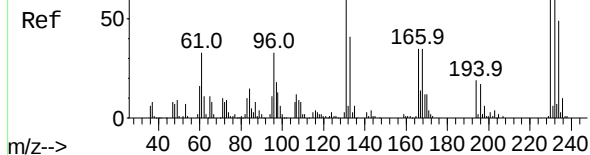
Abundance Scan 2063 (15.221 min): BM031878.D\data.ms (-2013) (-)



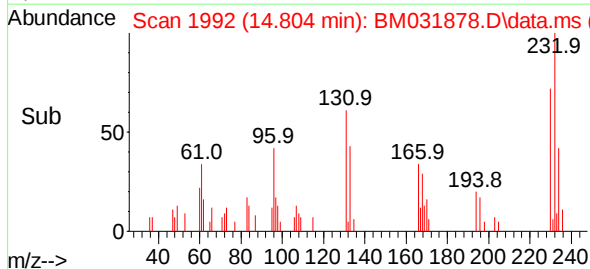
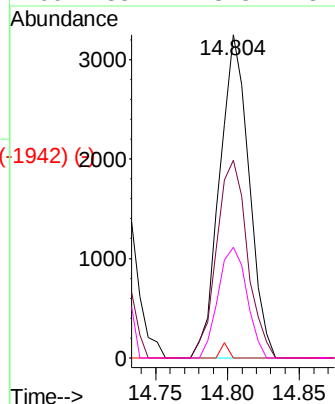
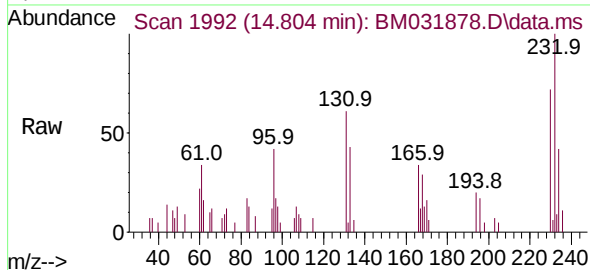
Abundance Scan 1993 (14.810 min): BM031869.D\data.ms (-1942) (-)

2,3,4,6-Tetrachlorophenol
Concen: 2.989 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

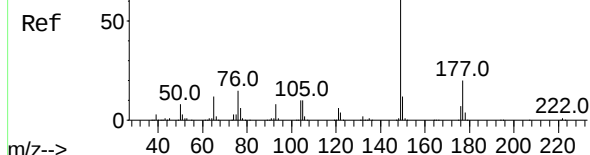


Tgt Ion	Ratio	Lower	Upper
232	100		
131	64.1	50.6	75.8
130	1.1	3.0	4.4#
166	33.4	28.8	43.2

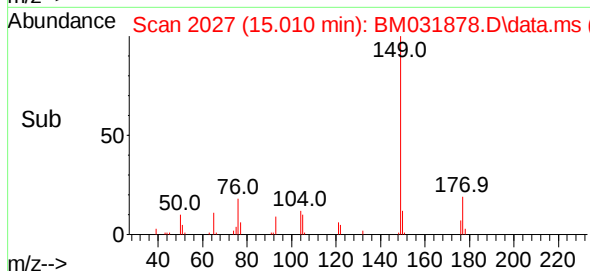
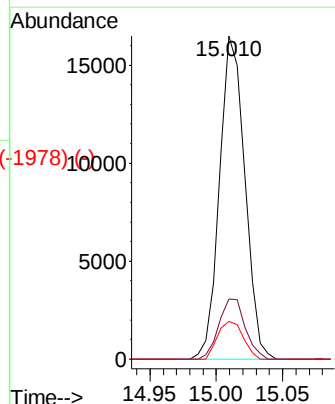
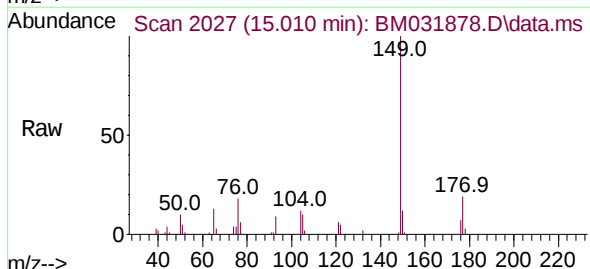


Abundance Scan 2029 (15.021 min): BM031869.D\data.ms (-1942) (-)

Diethylphthalate
Concen: 3.093 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.5	15.7	23.5
150	11.6	9.6	14.4



Abundance Scan 2064 (15.227 min): BM031869.D\data.ms (-2064) (-)

4-Chlorophenyl-phenylether
Concen: 3.035 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Ref 50 0 40 60 80 100 120 140 160 180 200

m/z-->

Abundance Scan 2063 (15.221 min): BM031878.D\data.ms

Raw 50 0 40 60 80 100 120 140 160 180 200

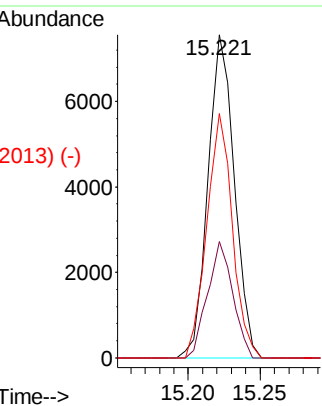
m/z-->

Abundance Scan 2063 (15.221 min): BM031878.D\data.ms (-2013) (-)

Sub 50 0 40 60 80 100 120 140 160 180 200

m/z-->

Tgt Ion:204 Resp: 9599
Ion Ratio Lower Upper
204 100
206 36.0 26.7 40.1
141 75.6 55.8 83.8



Abundance Scan 2072 (15.274 min): BM031869.D\data.ms (-2062) (-)

4-Nitroaniline
Concen: 1.825 ng
RT: 15.274 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Ref 50 0 40 60 80 100 120 140

m/z-->

Abundance Scan 2072 (15.274 min): BM031878.D\data.ms

Raw 50 0 40 60 80 100 120 140

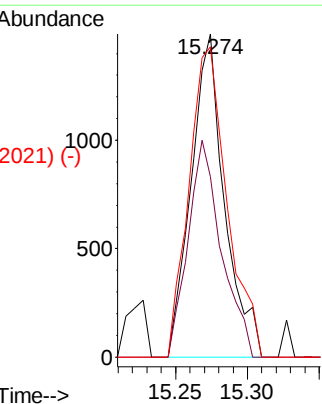
m/z-->

Abundance Scan 2072 (15.274 min): BM031878.D\data.ms (-2021) (-)

Sub 50 0 40 60 80 100 120 140

m/z-->

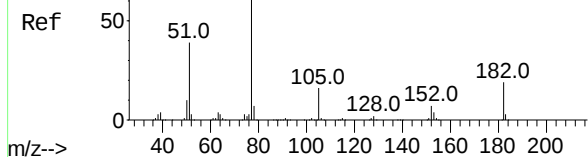
Tgt Ion:138 Resp: 2398
Ion Ratio Lower Upper
138 100
92 55.9 40.6 80.6
108 96.0 103.8 143.8#



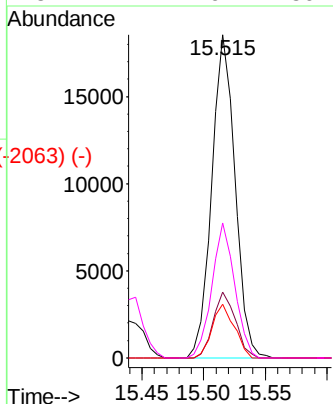
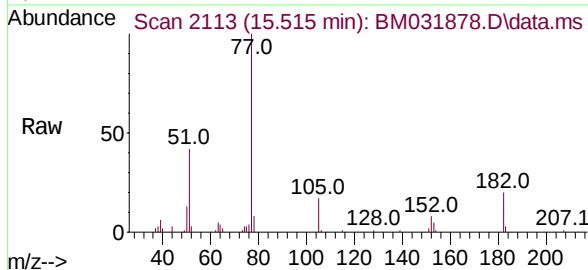
Abundance Scan 2114 (15.521 min): BM031869.D\data.ms (-2063) (-)

Azobenzene
Concen: 2.997 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

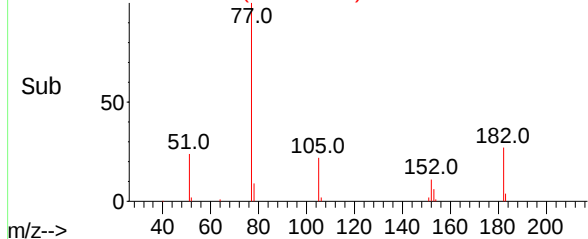
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
77	100		
182	20.4	0.0	39.3
105	16.6	0.0	36.1
51	41.7	19.1	59.1

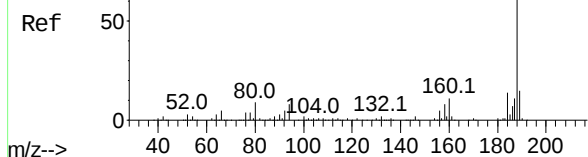


Abundance Scan 2113 (15.515 min): BM031878.D\data.ms (-2063) (-)

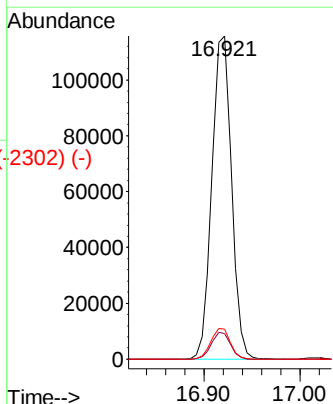
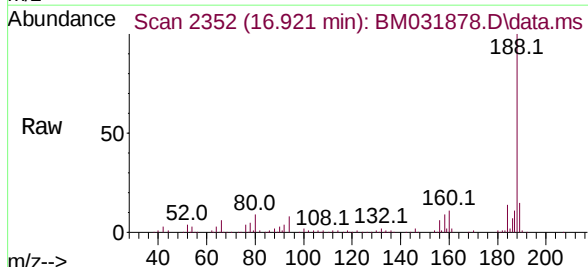


Abundance Scan 2353 (16.927 min): BM031869.D\data.ms (-2349) (-)

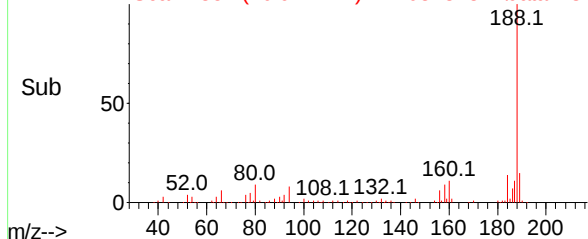
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	9.2	7.3	10.9



Abundance Scan 2352 (16.921 min): BM031878.D\data.ms (-2302) (-)

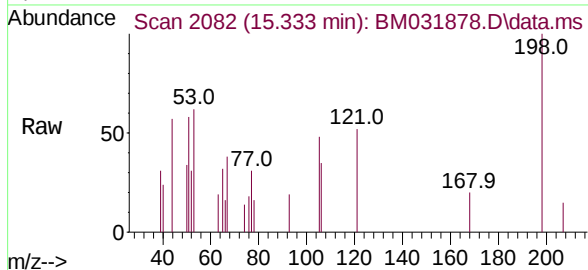


Abundance Scan 2082 (15.333 min): BM031869.D\data.ms (-2065) (-)

4,6-Dinitro-2-methylphenol
Concen: 1.588 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

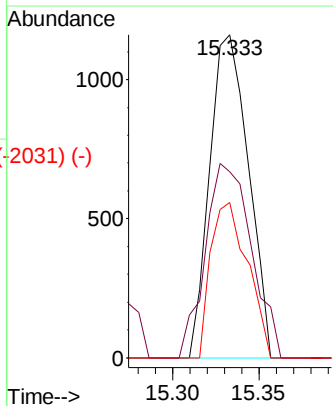
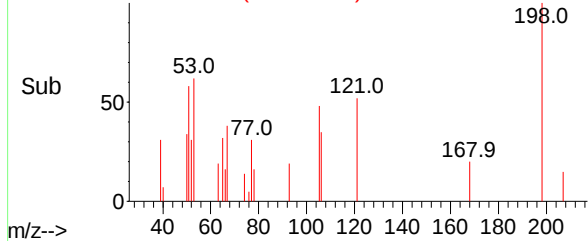
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Ref 50 0 m/z-->



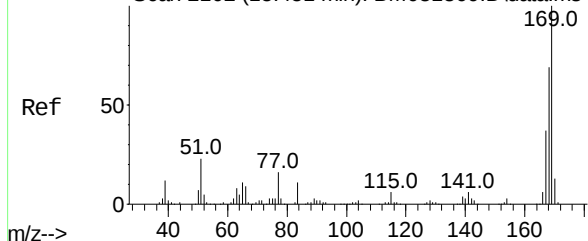
Tgt Ion:	198	Resp:	1820
Ion Ratio	Lower	Upper	
198	100		
51	57.5	49.7	89.7
105	48.1	34.9	74.9

Abundance Scan 2082 (15.333 min): BM031878.D\data.ms (-2031) (-)

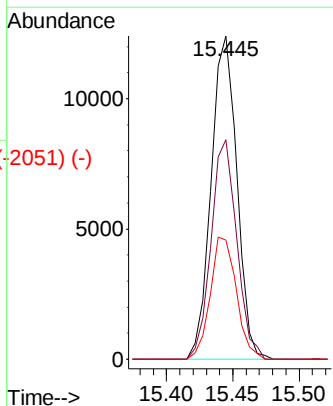
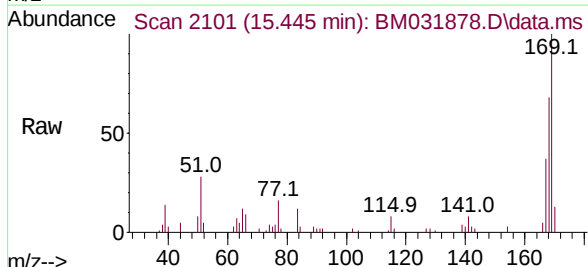


Abundance Scan 2102 (15.451 min): BM031869.D\data.ms (-2066) (-)

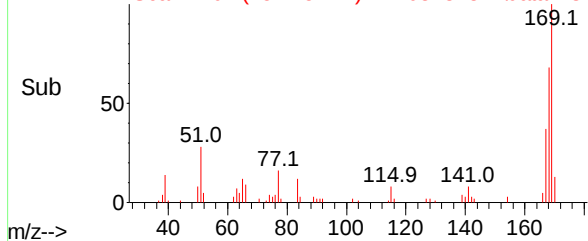
n-Nitrosodiphenylamine
Concen: 2.998 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:	169	Resp:	16656
Ion Ratio	Lower	Upper	
169	100		
168	68.0	55.0	82.4
167	36.9	29.8	44.8



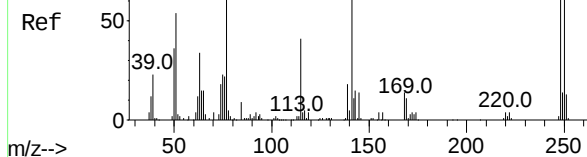
Abundance Scan 2101 (15.445 min): BM031878.D\data.ms (-2051) (-)



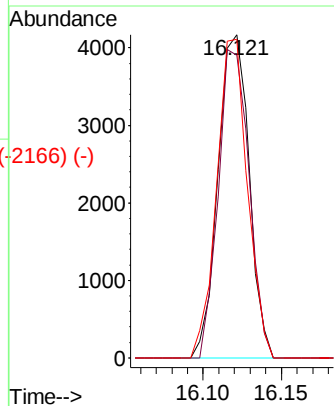
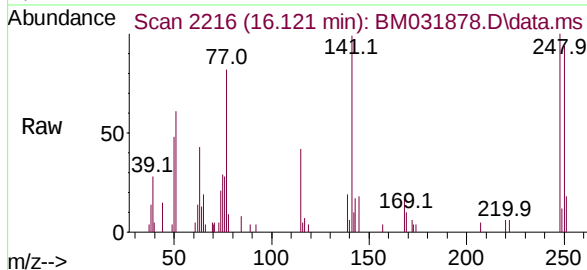
Abundance Scan 2217 (16.127 min): BM031869.D\data.ms (-2217) (-)

4-Bromophenyl-phenylether
Concen: 3.218 ng
RT: 16.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

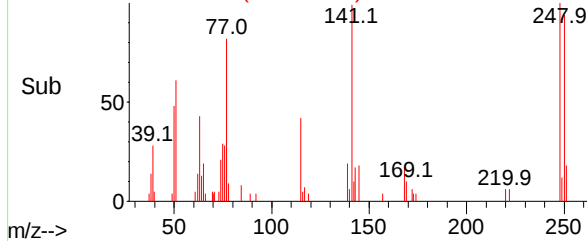
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.6	77.4	116.2
141	98.7	74.1	111.1

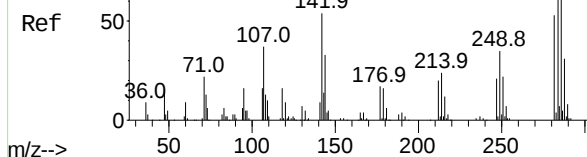


Abundance Scan 2216 (16.121 min): BM031878.D\data.ms (-2166) (-)

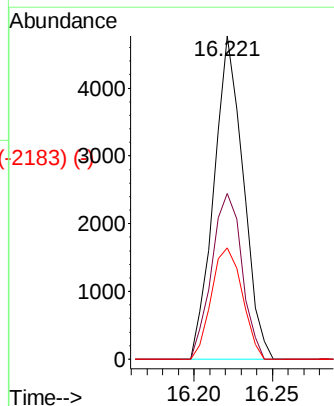
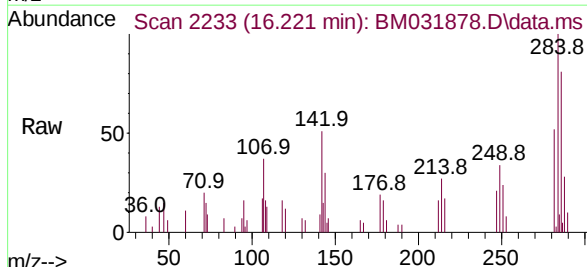


Abundance Scan 2234 (16.227 min): BM031869.D\data.ms (-2234) (-)

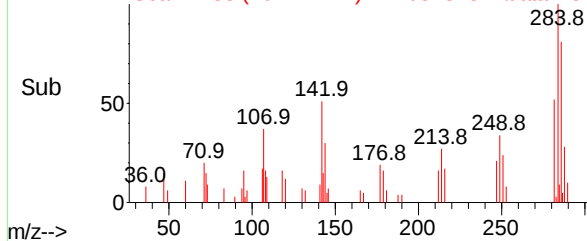
Hexachlorobenzene
Concen: 3.263 ng
RT: 16.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.3	43.0	64.6
249	34.5	27.6	41.4



Abundance Scan 2233 (16.221 min): BM031878.D\data.ms (-2183) (-)



Abundance Scan 2266 (16.415 min): BM031869.D\data.ms (-2266) (-)

Atrazine
Concen: 2.753 ng
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Ref 50 200.0

m/z--> 40 60 80 100 120 140 160 180 200 220

Tgt Ion:200 Resp: 5112
Ion Ratio Lower Upper
200 100
173 25.4 5.8 45.8
215 59.5 23.6 63.6

Abundance Scan 2265 (16.410 min): BM031878.D\data.ms

Raw 50 200.0

m/z--> 40 60 80 100 120 140 160 180 200 220

Abundance

16.410

3000

2000

1000

0

16.35 16.40 16.45

Time-->

Abundance Scan 2265 (16.410 min): BM031878.D\data.ms (-2215) (-)

Sub 50 200.0

m/z--> 40 60 80 100 120 140 160 180 200 220

Abundance Scan 2294 (16.580 min): BM031869.D\data.ms (-2270) (-)

Pentachlorophenol
Concen: 2.155 ng
RT: 16.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Ref 50 265.8

m/z--> 50 100 150 200 250

Tgt Ion:266 Resp: 2665
Ion Ratio Lower Upper
266 100
268 51.1 50.3 75.5
264 72.3 52.1 78.1

Abundance Scan 2294 (16.580 min): BM031878.D\data.ms

Raw 50 265.8

m/z--> 50 100 150 200 250

Abundance

16.580

1500

1000

500

0

16.55 16.60

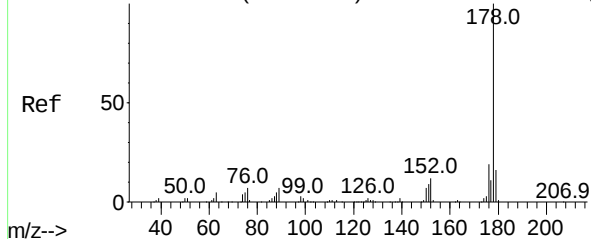
Time-->

Abundance Scan 2294 (16.580 min): BM031878.D\data.ms (-2243) (-)

Sub 50 265.8

m/z--> 50 100 150 200 250

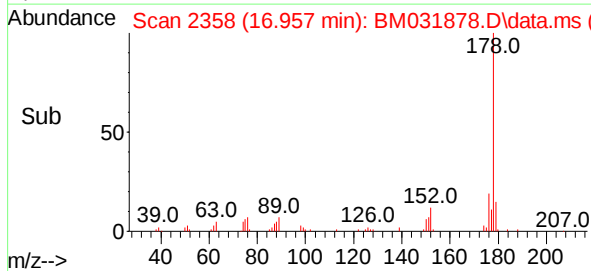
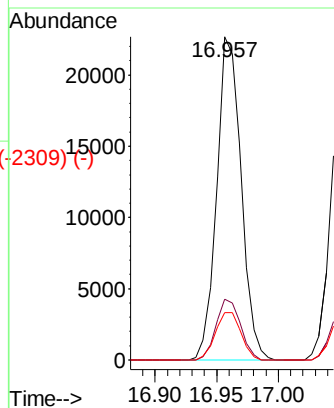
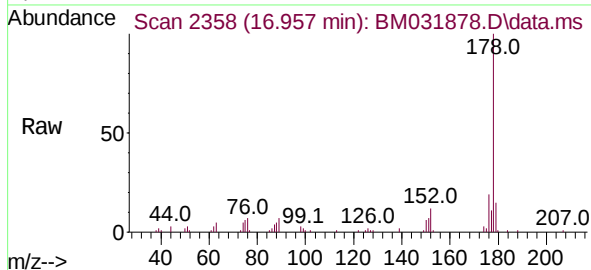
Abundance Scan 2360 (16.968 min): BM031869.D\data.ms (-2360) (-)



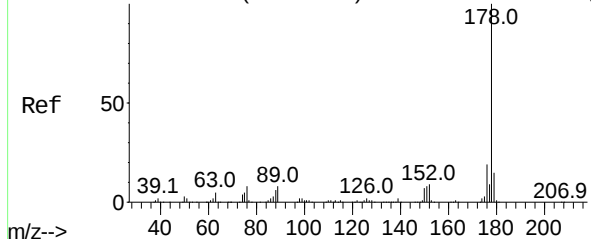
Phenanthrene
Concen: 3.145 ng
RT: 16.957 min Scan# 2358
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	14.6	12.4	18.6

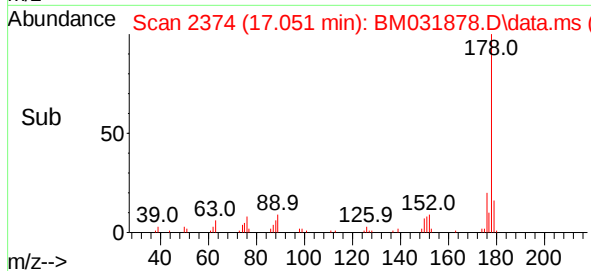
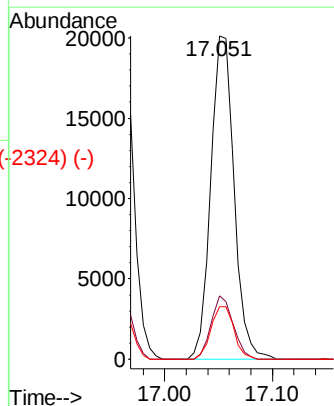
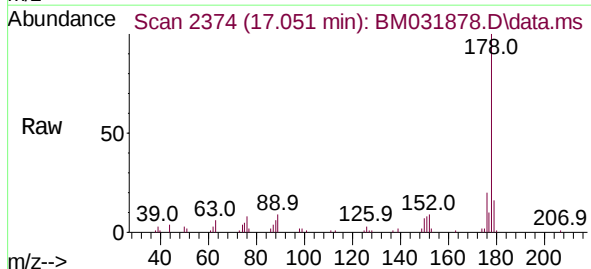


Abundance Scan 2375 (17.056 min): BM031869.D\data.ms (-2375) (-)

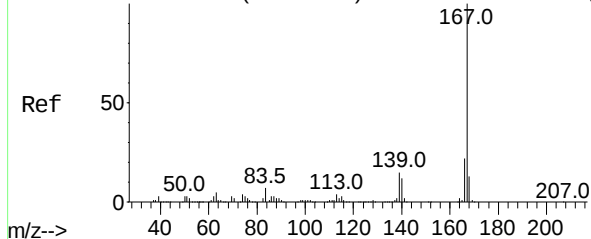


Anthracene
Concen: 3.103 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	14.8	22.2
179	16.2	12.3	18.5



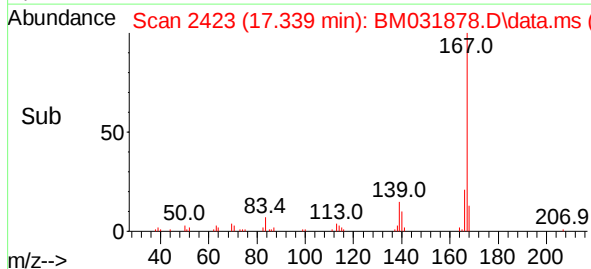
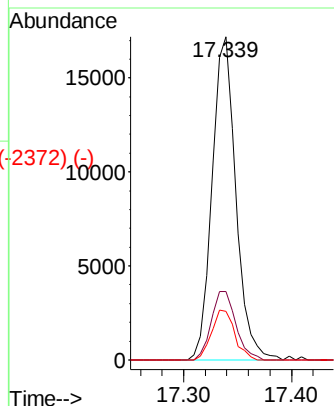
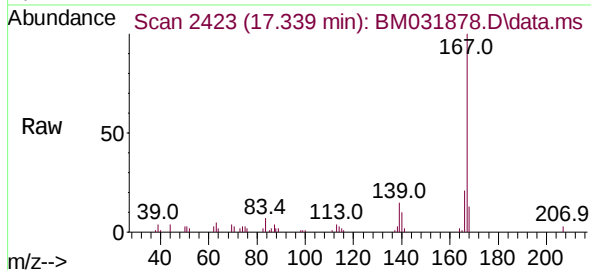
Abundance Scan 2423 (17.339 min): BM031869.D\data.ms (-2479) (-)



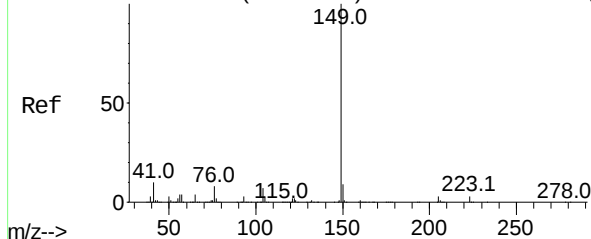
Carbazole
Concen: 2.814 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.4	26.0
139	15.0	11.9	17.9

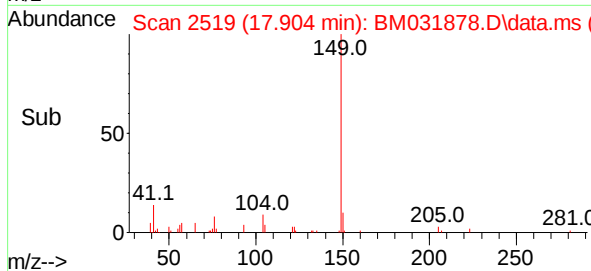
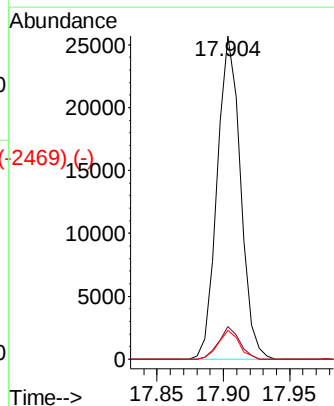
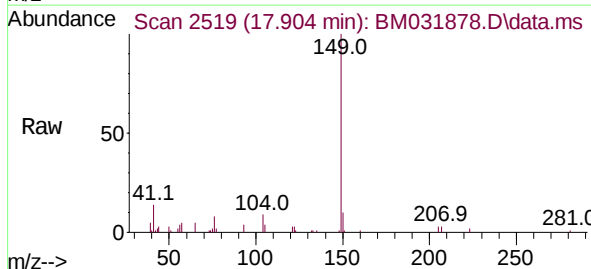


Abundance Scan 2520 (17.909 min): BM031869.D\data.ms (-2574) (-)

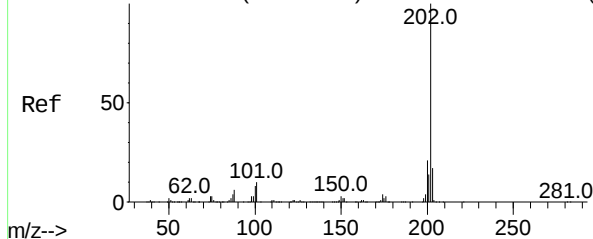


Di-n-butylphthalate
Concen: 2.498 ng
RT: 17.904 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.3	10.9
104	8.8	5.6	8.4#



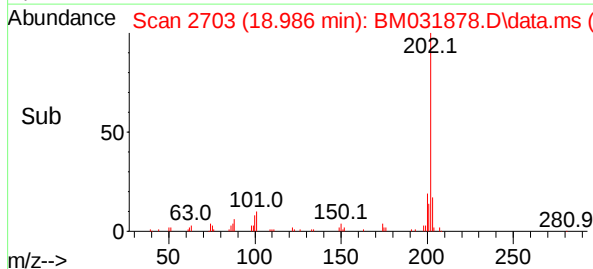
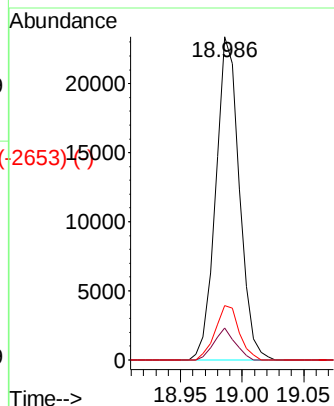
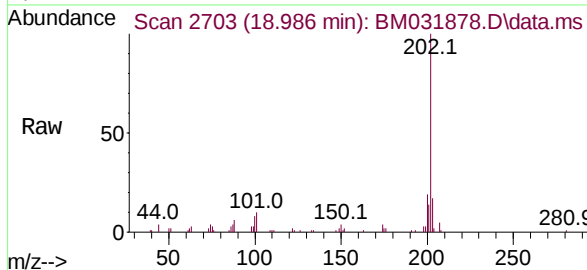
Abundance Scan 2704 (18.992 min): BM031869.D\data.ms (-2675) (-)



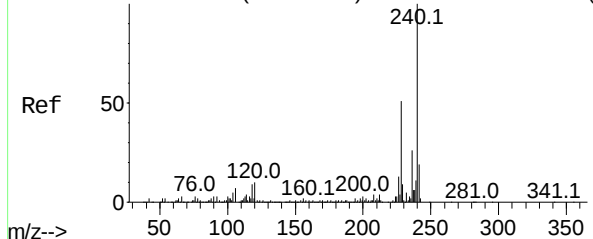
Fluoranthene
Concen: 2.817 ng
RT: 18.986 min Scan# 2703
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.9
203	16.7	0.0	36.8

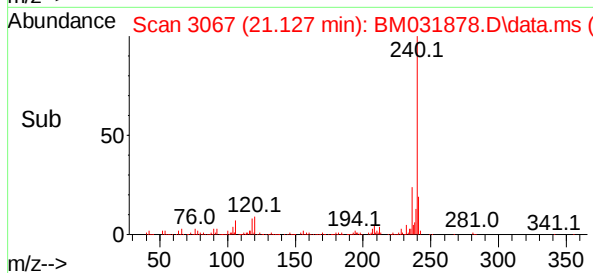
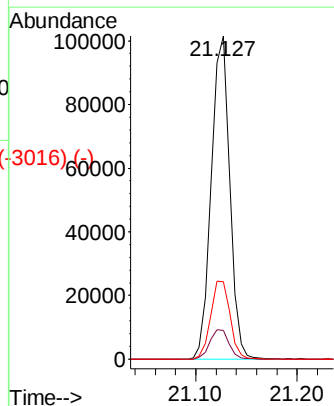
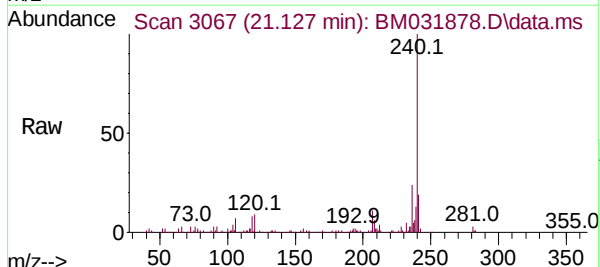


Abundance Scan 3067 (21.127 min): BM031869.D\data.ms (-3070) (-)



Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

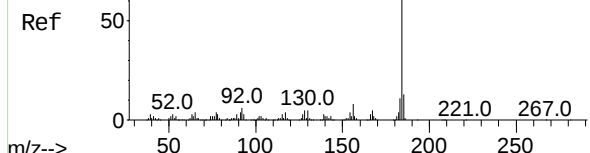
Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	7.8	11.6
236	23.9	20.9	31.3



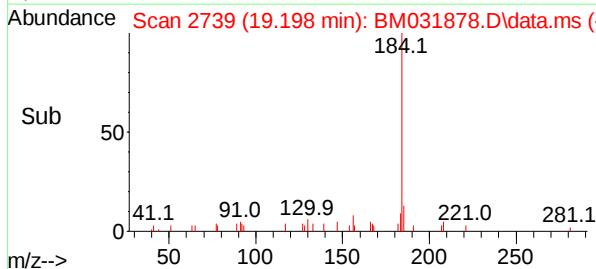
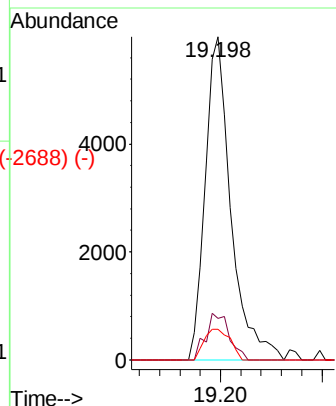
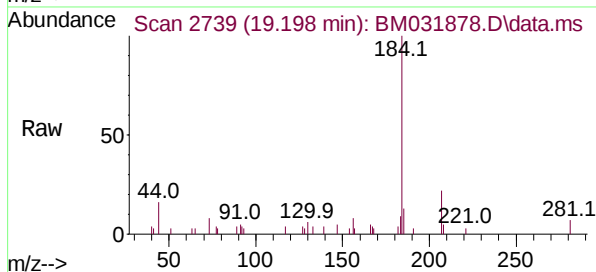
Abundance Scan 2739 (19.198 min): BM031869.D\data.ms (-2737) (-)

Benzidine
Concen: 3.202 ng
RT: 19.198 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

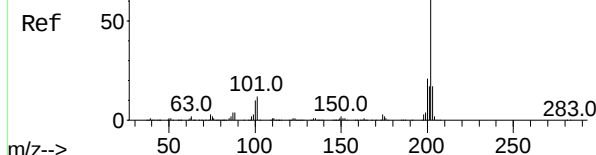


Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.8	10.6	16.0
183	9.4	9.0	13.4

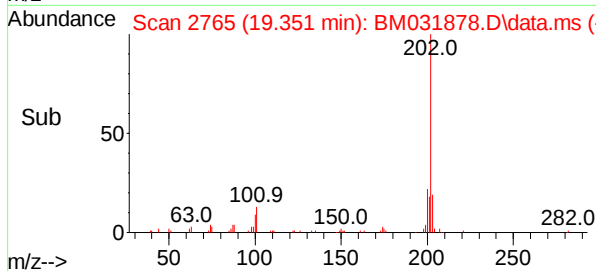
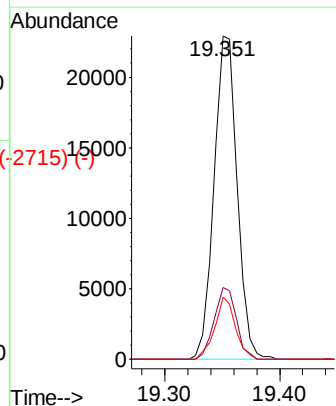
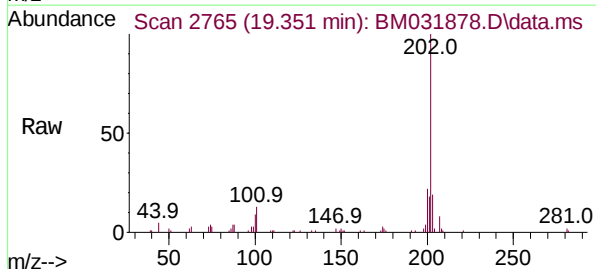


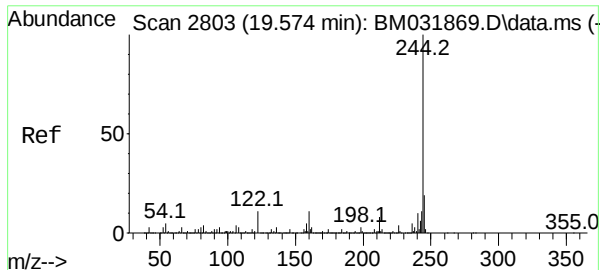
Abundance Scan 2766 (19.356 min): BM031869.D\data.ms (-2758) (-)

Pyrene
Concen: 3.115 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	19.1	13.7	20.5

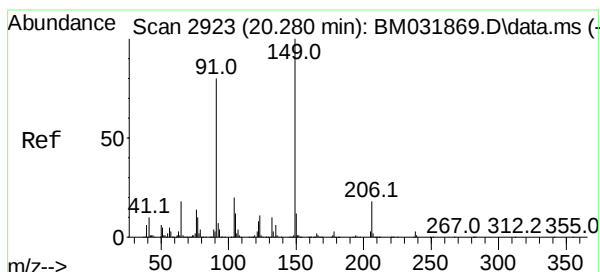
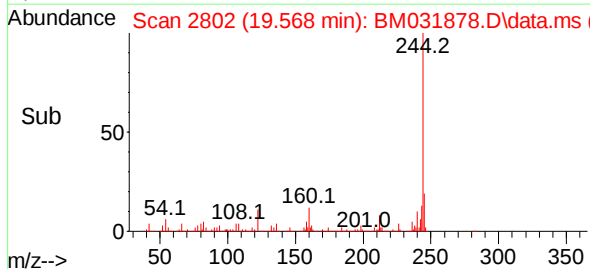
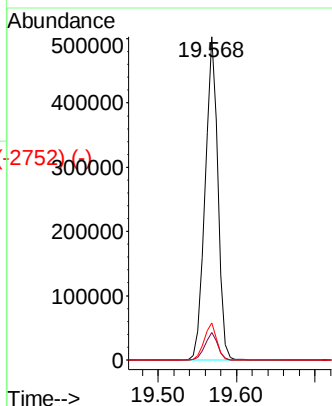
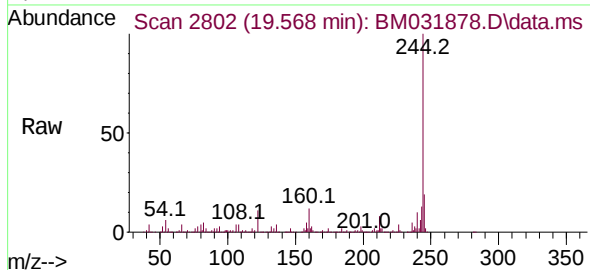




Terphenyl-d14
Concen: 66.354 ng
RT: 19.568 min Scan# 2802
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

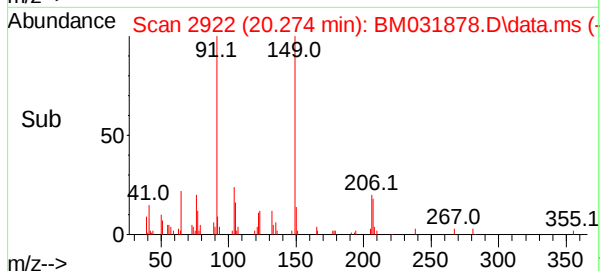
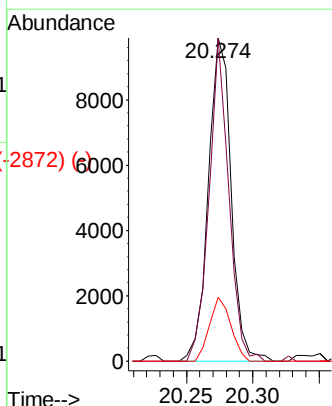
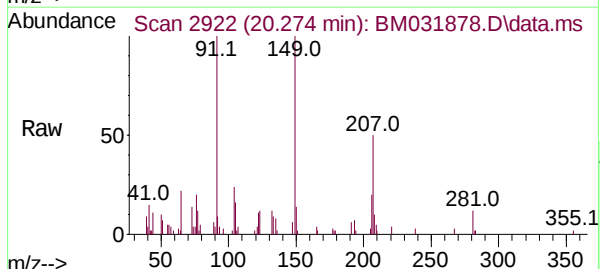
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.5	9.7
122	11.5	8.7	13.1

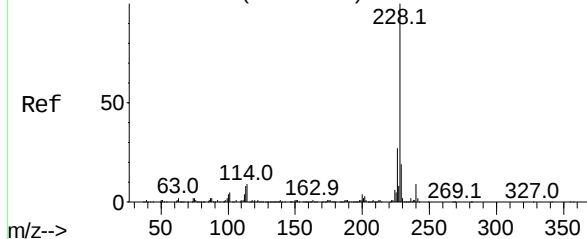


Butylbenzylphthalate
Concen: 2.324 ng
RT: 20.274 min Scan# 2922
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
149	100		
91	99.8	64.0	96.0#
206	19.8	14.4	21.6



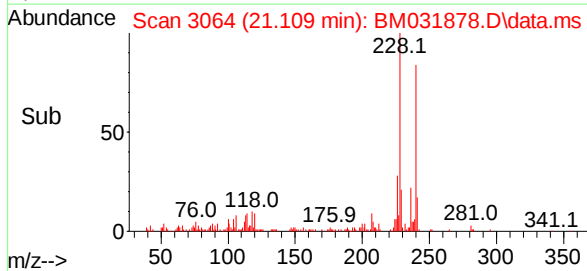
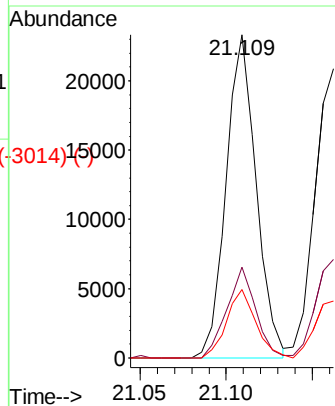
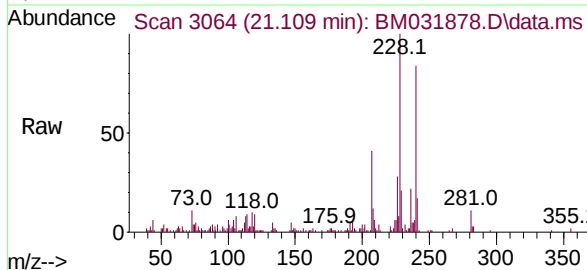
Abundance Scan 3065 (21.115 min): BM031869.D\data.ms (-3065) (-)



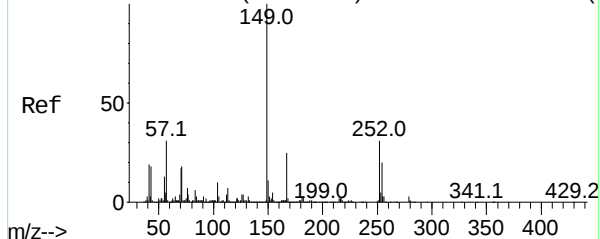
Benzo(a)anthracene
Concen: 3.018 ng
RT: 21.109 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	21.4	32.2
229	21.2	15.3	22.9

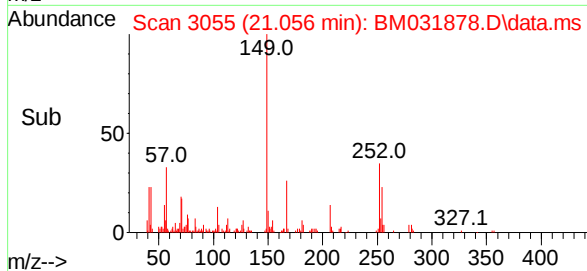
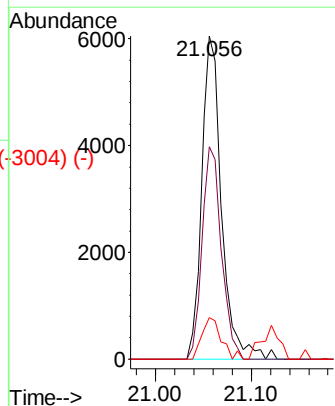
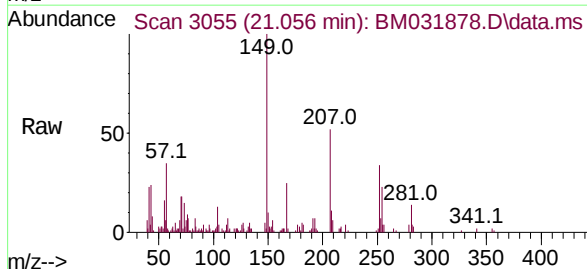


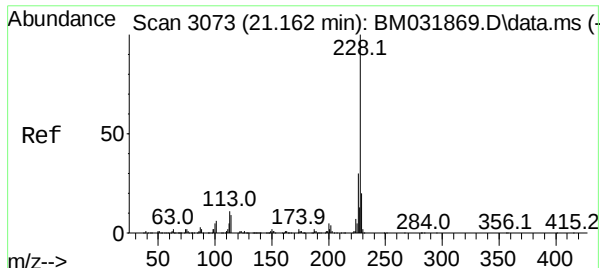
Abundance Scan 3055 (21.056 min): BM031869.D\data.ms (-3055) (-)



3,3'-Dichlorobenzidine
Concen: 3.120 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	51.6	77.4
126	12.9	9.7	14.5

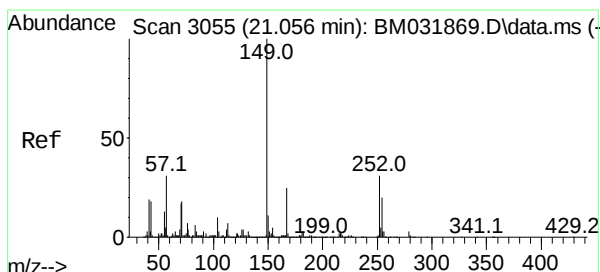
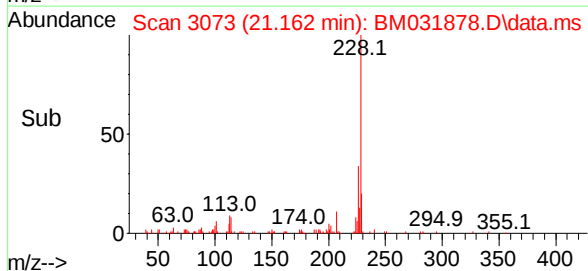
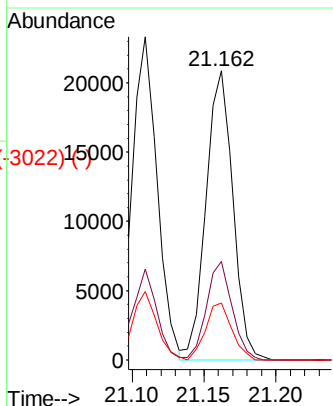
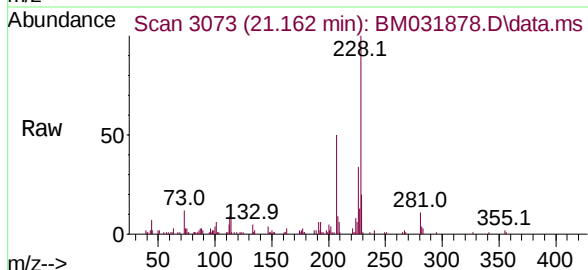




Scan 3073 (21.162 min): BM031869.D\data.ms (-3069) (-)
 Chrysene
 Concen: 3.002 ng
 RT: 21.162 min Scan# 3073
 Delta R.T. 0.000 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

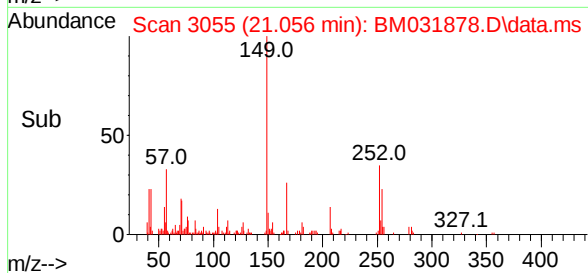
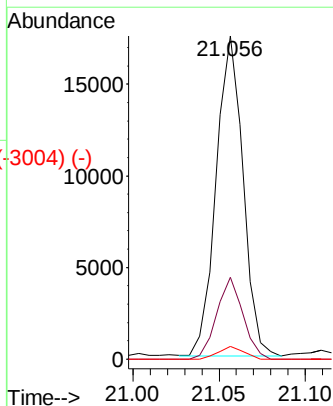
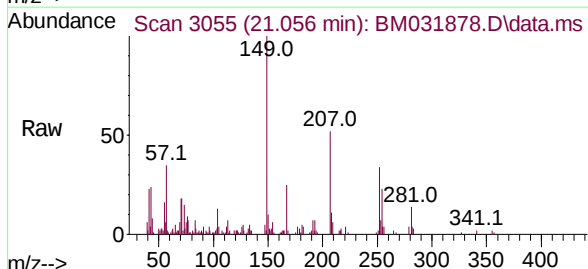
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	228	Resp:	27209
Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.0	36.0
229	19.7	16.0	24.0

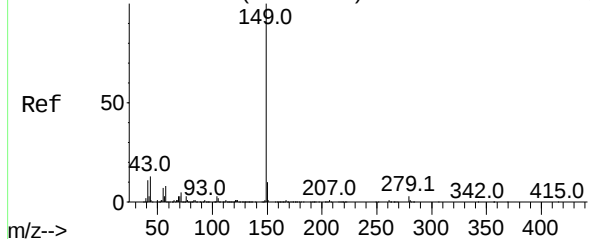


Scan 3055 (21.056 min): BM031869.D\data.ms (-3048) (-)
 Bis(2-ethylhexyl)phthalate
 Concen: 2.413 ng
 RT: 21.056 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

Tgt Ion:	149	Resp:	19054
Ion	Ratio	Lower	Upper
149	100		
167	25.3	19.7	29.5
279	4.0	2.6	4.0#



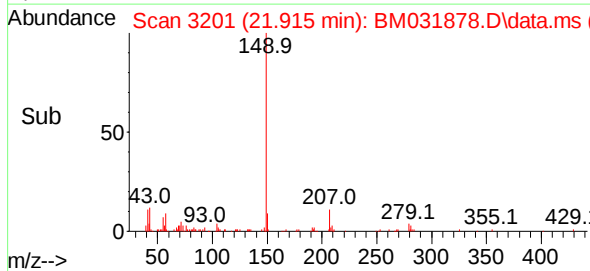
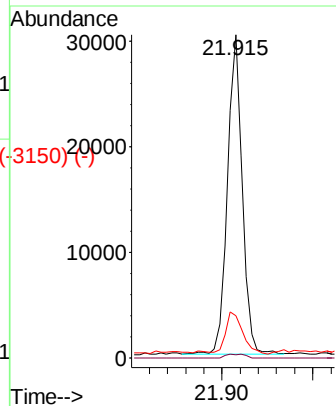
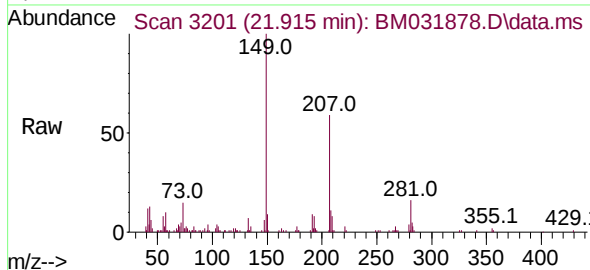
Abundance Scan 3201 (21.915 min): BM031869.D\data.ms (-3185) (-)



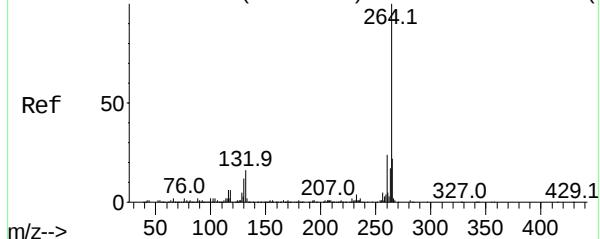
Di-n-octyl phthalate
Concen: 2.695 ng
RT: 21.915 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:	149	Resp:	34044
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	14.9	10.4	15.6

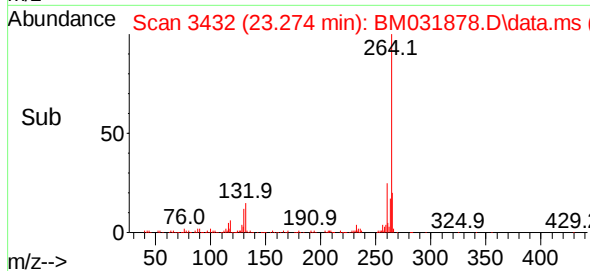
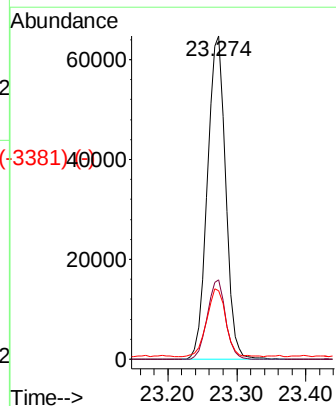
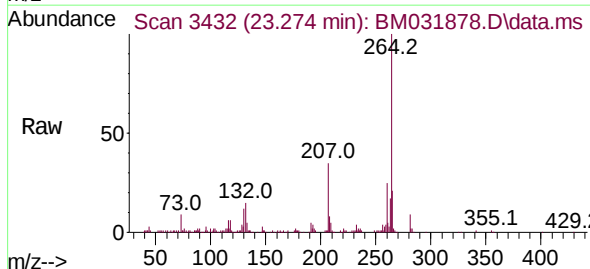


Abundance Scan 3432 (23.274 min): BM031869.D\data.ms (-3435) (-)

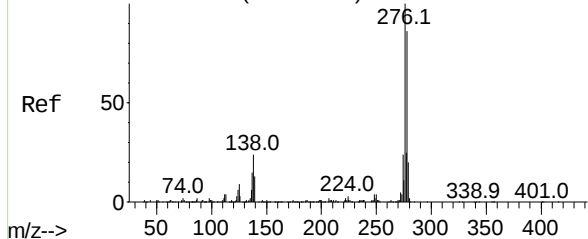


Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	264	Resp:	118623
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.3	28.9
265	21.2	18.3	27.5



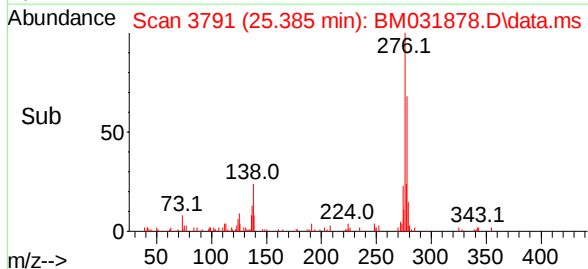
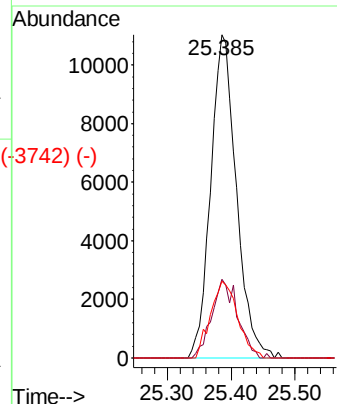
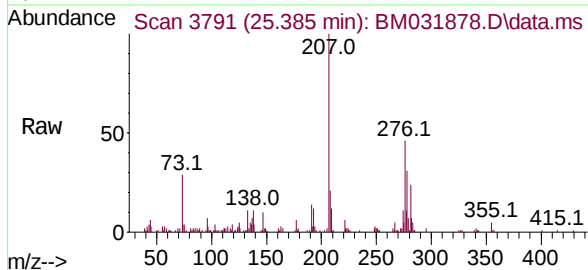
Abundance Scan 3793 (25.397 min): BM031869.D\data.ms (-3793) (-)



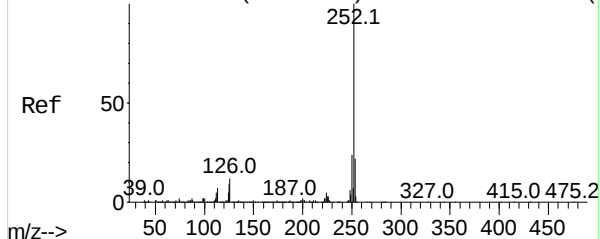
Indeno(1,2,3-cd)pyrene
Concen: 3.330 ng
RT: 25.385 min Scan# 3791
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.4	27.6
277	25.2	20.1	30.1

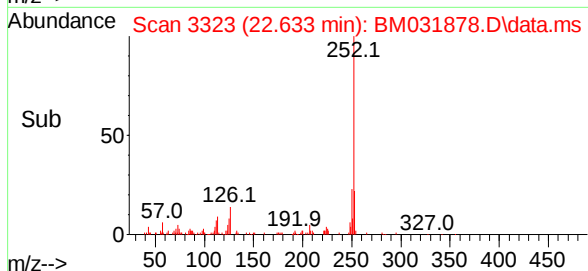
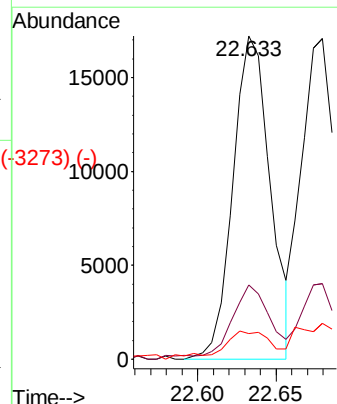
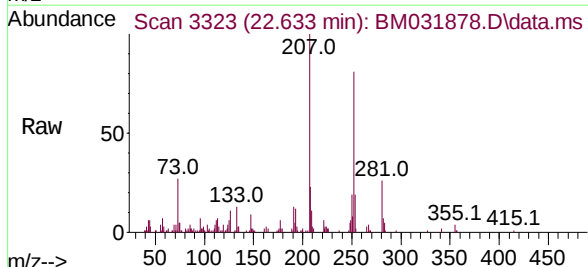


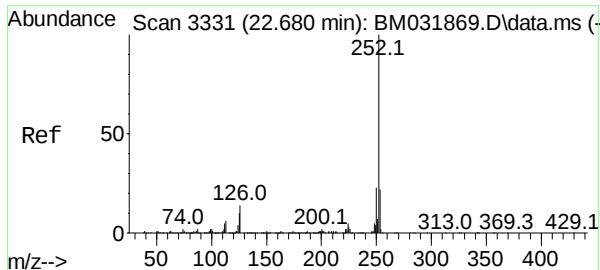
Abundance Scan 3324 (22.638 min): BM031869.D\data.ms (-3324) (-)



Benzo(b)fluoranthene
Concen: 3.253 ng
RT: 22.633 min Scan# 3323
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	7.9	7.5	11.3

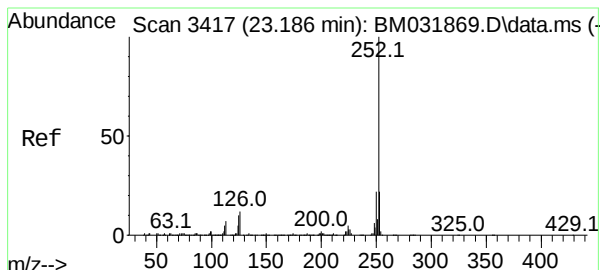
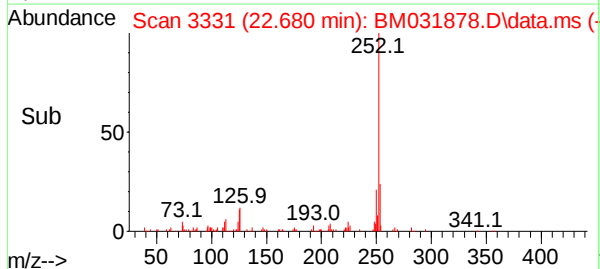
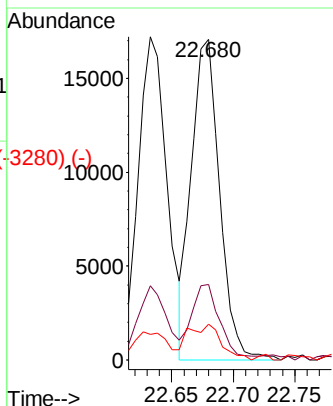
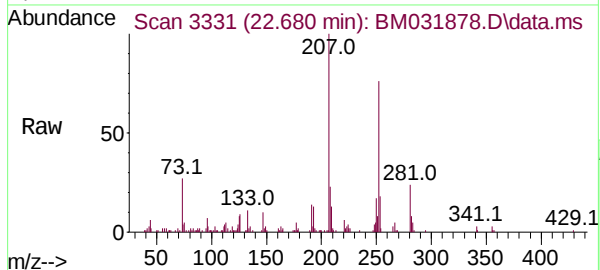




Scan 3331 (22.680 min): BM031869.D\data.ms (-3329) (-)
 Benzo(k)fluoranthene
 Concen: 3.236 ng
 RT: 22.680 min Scan# 3331
 Delta R.T. 0.000 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

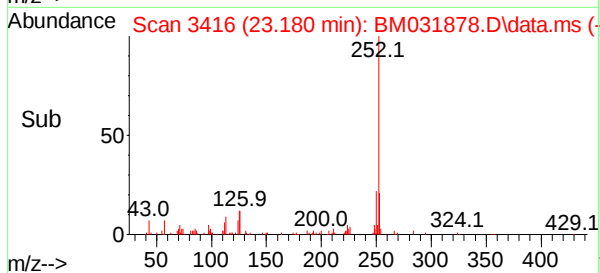
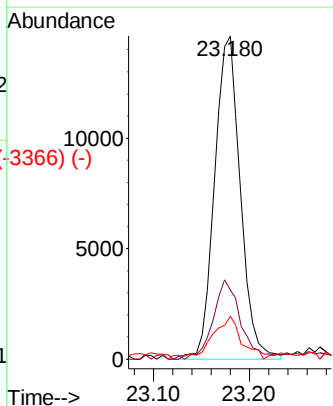
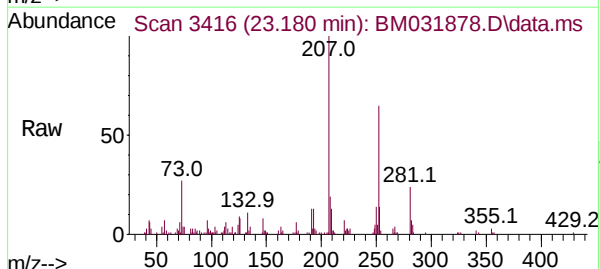
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.1	7.5	11.3

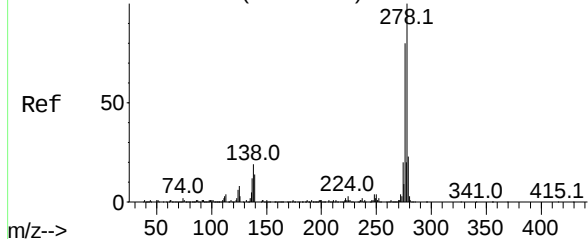


Scan 3417 (23.186 min): BM031869.D\data.ms (-3400) (-)
 Benzo(a)pyrene
 Concen: 3.478 ng
 RT: 23.180 min Scan# 3416
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	13.2	8.1	12.1#



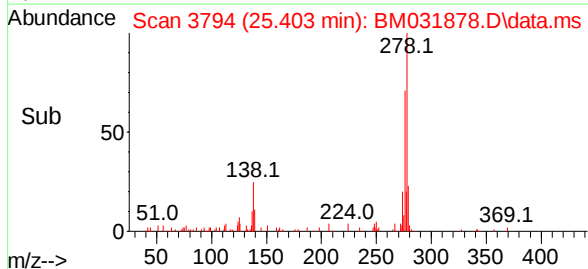
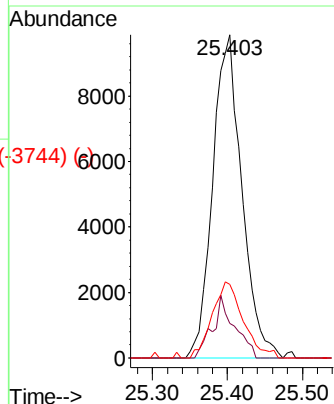
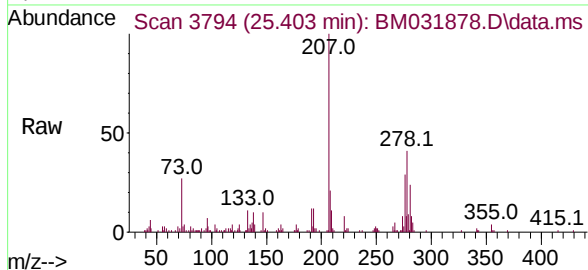
Abundance Scan 3795 (25.409 min): BM031869.D\data.ms (-3792) (-)



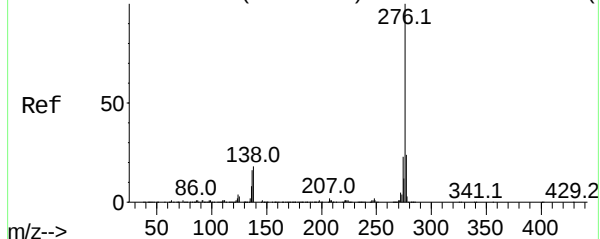
Dibenzo(a,h)anthracene
Concen: 3.307 ng
RT: 25.403 min Scan# 3794
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.7	10.9	16.3#
279	22.7	18.2	27.2



Abundance Scan 3903 (26.044 min): BM031869.D\data.ms (-3892) (-)



Benzo(g,h,i)perylene
Concen: 3.403 ng
RT: 26.038 min Scan# 3902
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
276	100		
277	19.4	19.4	29.0
138	19.1	14.6	22.0

