

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031879.D
 Acq On : 24 Aug 2021 10:51
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Aug 24 11:19:57 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 11:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	32914	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	146621	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	99273	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	211639	20.000	ng	0.00
76) Chrysene-d12	21.127	240	194657	20.000	ng	0.00
86) Perylene-d12	23.274	264	181836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	211611	94.579	ng	0.00
7) Phenol-d6	6.722	99	283800	94.438	ng	0.00
23) Nitrobenzene-d5	8.675	82	260611	72.379	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	112892	103.202	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	575613	74.603	ng	0.00
79) Terphenyl-d14	19.568	244	966670	74.711	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	7050	9.703	ng	# 83
3) Pyridine	3.563	79	14959	6.830	ng	# 87
4) n-Nitrosodimethylamine	3.475	42	10783	11.281	ng	# 50
6) Aniline	6.869	93	27056	8.459	ng	97
8) 2-Chlorophenol	7.092	128	17747	7.398	ng	99
9) Benzaldehyde	6.692	77	18135	9.130	ng	94
10) Phenol	6.745	94	21768	7.251	ng	92
11) bis(2-Chloroethyl)ether	6.975	93	17029	7.498	ng	98
12) 1,3-Dichlorobenzene	7.410	146	20851	8.032	ng	98
13) 1,4-Dichlorobenzene	7.557	146	20272	7.689	ng	95
14) 1,2-Dichlorobenzene	7.863	146	19929	7.762	ng	98
15) Benzyl Alcohol	7.775	79	17434	7.059	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.057	45	25108	7.397	ng	93
17) 2-Methylphenol	7.975	107	15314	7.577	ng	95
18) Hexachloroethane	8.575	117	8250	7.349	ng	95
19) n-Nitroso-di-n-propyla...	8.328	70	14833	6.557	ng	96
20) 3+4-Methylphenols	8.298	107	20762	7.366	ng	95
22) Acetophenone	8.345	105	31547	7.379	ng	# 97
24) Nitrobenzene	8.716	77	27414	7.433	ng	98
25) Isophorone	9.239	82	42370	6.558	ng	97
26) 2-Nitrophenol	9.416	139	8841	6.352	ng	95
27) 2,4-Dimethylphenol	9.486	122	17301	8.075	ng	98
28) bis(2-Chloroethoxy)met...	9.722	93	23292	7.417	ng	96
29) 2,4-Dichlorophenol	9.951	162	16910	6.964	ng	92
30) 1,2,4-Trichlorobenzene	10.151	180	19977	7.749	ng	99
31) Naphthalene	10.333	128	61365	7.299	ng	99
32) Benzoic acid	9.586	122	8472	4.665	ng	98
33) 4-Chloroaniline	10.463	127	24758	7.416	ng	97
34) Hexachlorobutadiene	10.604	225	12417	7.706	ng	98
35) Caprolactam	11.257	113	5496	7.153	ng	# 78
36) 4-Chloro-3-methylphenol	11.592	107	20137	6.985	ng	96
37) 2-Methylnaphthalene	11.951	142	43851	7.235	ng	99
38) 1-Methylnaphthalene	12.174	142	40650	7.124	ng	96
40) 1,2,4,5-Tetrachloroben...	12.327	216	21704	7.607	ng	97
41) Hexachlorocyclopentadiene	12.298	237	9765	7.057	ng	97
43) 2,4,6-Trichlorophenol	12.586	196	14170	6.728	ng	89

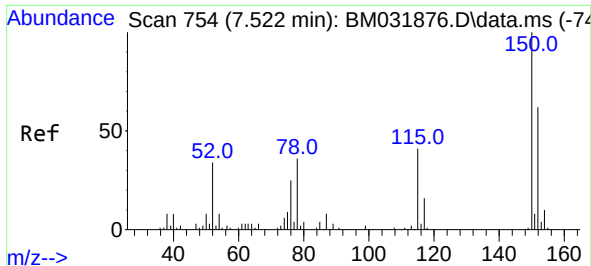
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 11:19:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	15572	6.931	ng	94
46) 1,1'-Biphenyl	12.986	154	59127	7.384	ng	99
47) 2-Chloronaphthalene	13.027	162	43995	7.075	ng	98
48) 2-Nitroaniline	13.257	65	12182	5.630	ng	96
49) Acenaphthylene	13.880	152	71244	7.063	ng	100
50) Dimethylphthalate	13.633	163	58844	7.297	ng	98
51) 2,6-Dinitrotoluene	13.763	165	11796	6.705	ng	92
52) Acenaphthene	14.227	154	41944	6.912	ng	99
53) 3-Nitroaniline	14.092	138	11329	6.578	ng #	90
54) 2,4-Dinitrophenol	14.310	184	4995	5.084	ng #	74
55) Dibenzofuran	14.568	168	69860	6.953	ng	97
56) 4-Nitrophenol	14.427	139	9102	6.417	ng	94
57) 2,4-Dinitrotoluene	14.557	165	15109	6.169	ng #	97
58) Fluorene	15.221	166	56908	6.914	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	13356	6.943	ng	96
60) Diethylphthalate	15.010	149	64779	7.377	ng	100
61) 4-Chlorophenyl-phenyle...	15.221	204	28216	7.154	ng	98
62) 4-Nitroaniline	15.268	138	9874	6.027	ng	94
63) Azobenzene	15.515	77	68383	6.755	ng	98
65) 4,6-Dinitro-2-methylph...	15.327	198	7227	4.903	ng	97
66) n-Nitrosodiphenylamine	15.445	169	48739	6.820	ng	99
67) 4-Bromophenyl-phenylether	16.115	248	15897	6.916	ng	92
68) Hexachlorobenzene	16.221	284	17745	7.295	ng	93
69) Atrazine	16.409	200	17997	7.534	ng	96
70) Pentachlorophenol	16.580	266	10278	6.460	ng	93
71) Phenanthrene	16.962	178	88960	6.979	ng	99
72) Anthracene	17.051	178	90970	7.255	ng	99
73) Carbazole	17.333	167	82425	6.834	ng	99
74) Di-n-butylphthalate	17.903	149	106157	6.607	ng	99
75) Fluoranthene	18.986	202	100940	7.124	ng	99
77) Benzidine	19.192	184	47971	9.637	ng	98
78) Pyrene	19.350	202	106040	6.799	ng	98
80) Butylbenzylphthalate	20.274	149	47736	6.208	ng	99
81) Benzo(a)anthracene	21.109	228	97691	6.845	ng	99
82) 3,3'-Dichlorobenzidine	21.056	252	33416	7.910	ng	98
83) Chrysene	21.162	228	94315	6.867	ng	97
84) Bis(2-ethylhexyl)phtha...	21.056	149	74438	6.221	ng	98
85) Di-n-octyl phthalate	21.915	149	121941	6.370	ng	100
87) Indeno(1,2,3-cd)pyrene	25.385	276	82867	5.870	ng	98
88) Benzo(b)fluoranthene	22.633	252	90792	6.779	ng	97
89) Benzo(k)fluoranthene	22.674	252	84633	6.566	ng	98
90) Benzo(a)pyrene	23.174	252	84509	7.028	ng	98
91) Dibenzo(a,h)anthracene	25.397	278	71990	5.841	ng	99
92) Benzo(g,h,i)perylene	26.032	276	66936	5.835	ng	97

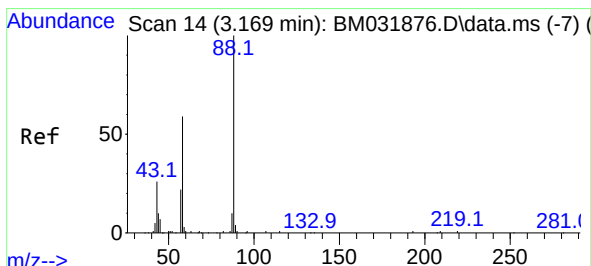
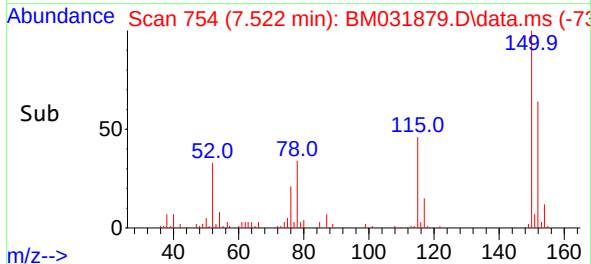
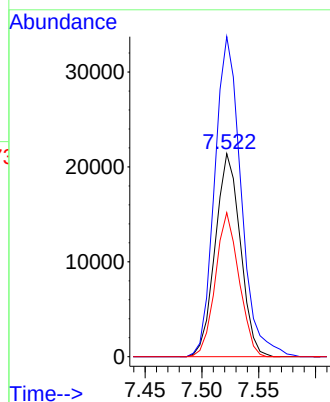
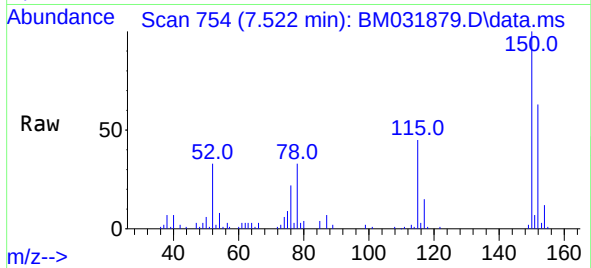
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

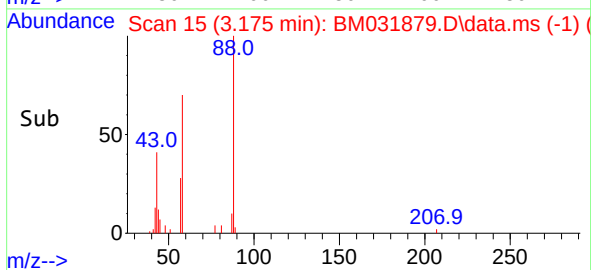
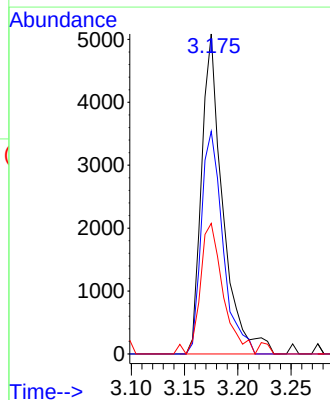
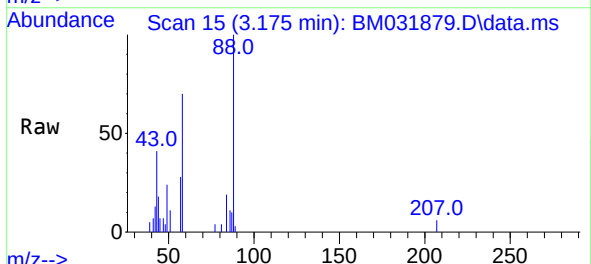
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:152 Resp: 32914
Ion Ratio Lower Upper
152 100
150 157.6 122.4 183.6
115 71.0 53.8 80.8

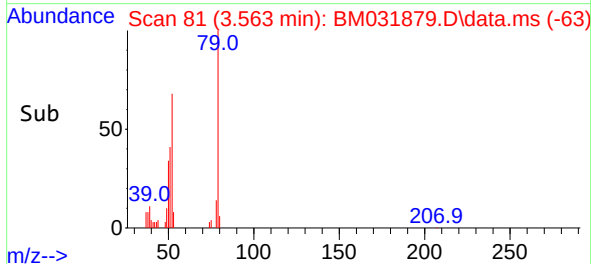
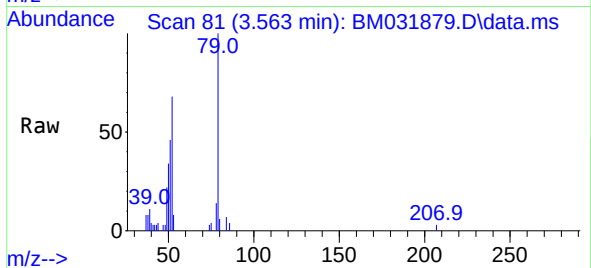
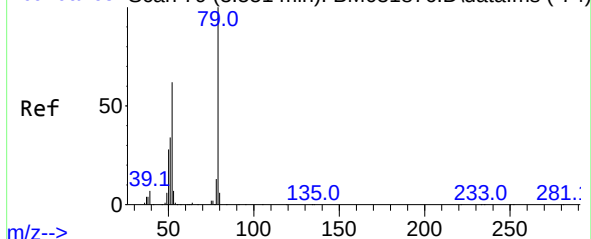


#2
1,4-Dioxane
Concen: 9.703 ng
RT: 3.175 min Scan# 15
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 88 Resp: 7050
Ion Ratio Lower Upper
88 100
58 71.2 50.4 75.6
43 44.1 22.2 33.2#

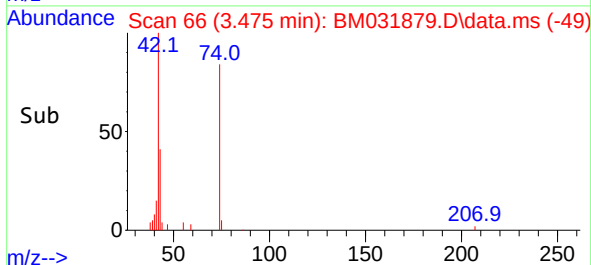
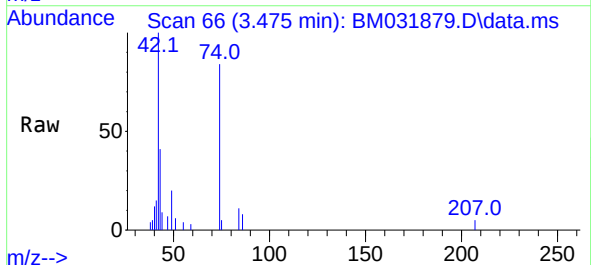
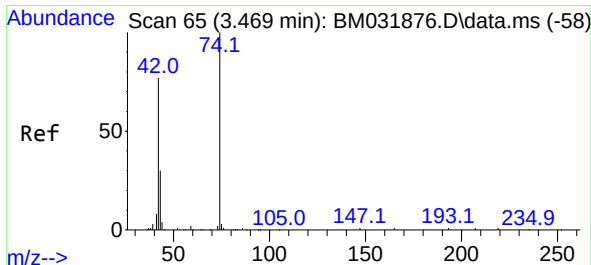
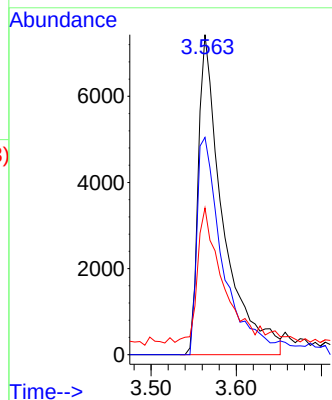


Abundance Scan 79 (3.551 min): BM031876.D\data.ms (-74)



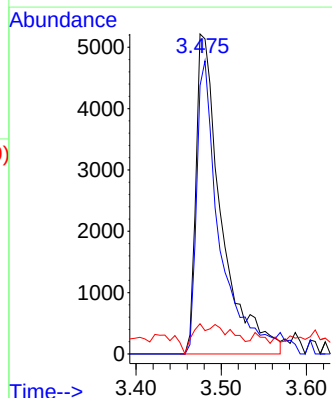
#3
Pyridine
Concen: 6.830 ng
RT: 3.563 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	79	Resp:	14959
Ion	Ratio	Lower	Upper
79	100		
52	67.9	48.6	73.0
51	45.9	27.4	41.2

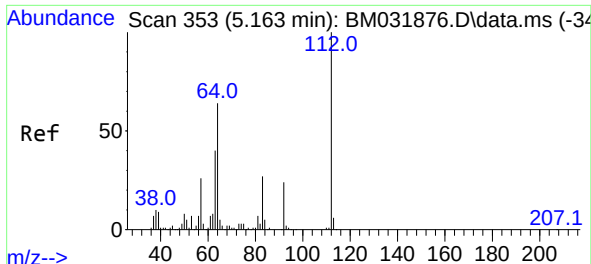


#4
n-Nitrosodimethylamine
Concen: 11.281 ng
RT: 3.475 min Scan# 66
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	42	Resp:	10783
Ion	Ratio	Lower	Upper
42	100		
74	83.8	99.5	149.3
44	9.4	57.3	85.9



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

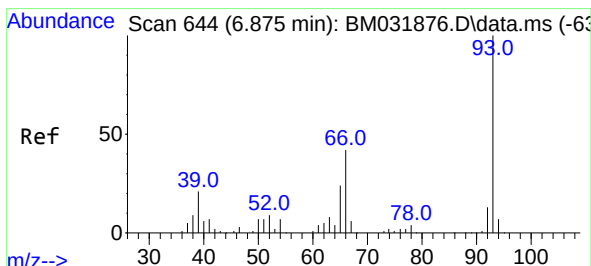
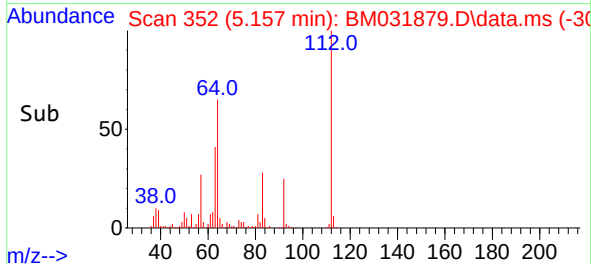
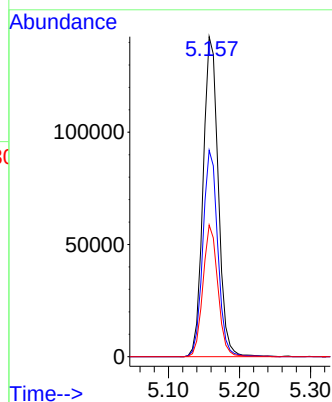
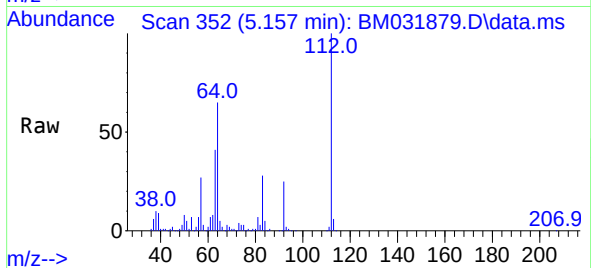


#5
2-Fluorophenol
Concen: 94.579 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion:112 Resp: 211611

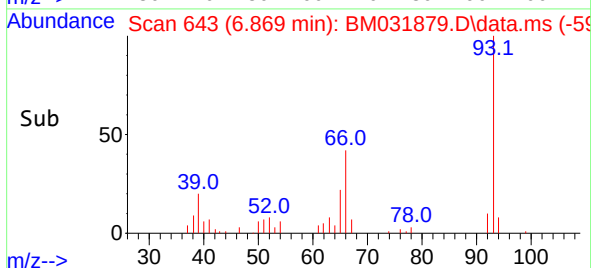
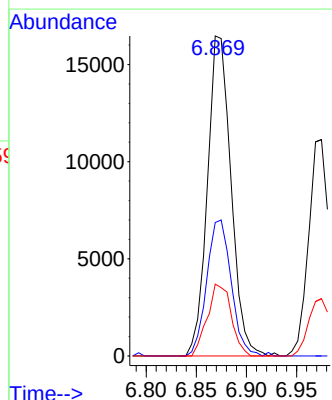
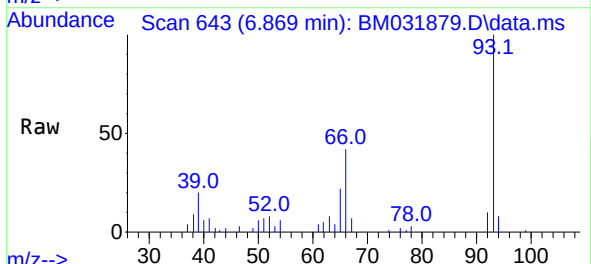
Ion	Ratio	Lower	Upper
112	100		
64	64.5	53.7	80.5
63	41.1	33.9	50.9

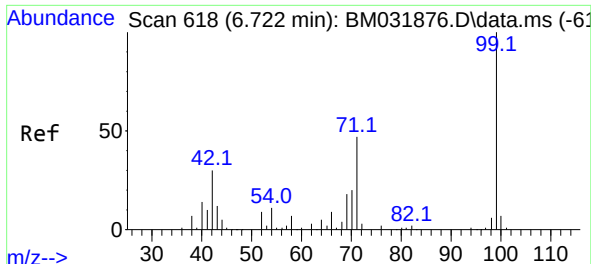


#6
Aniline
Concen: 8.459 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 93 Resp: 27056

Ion	Ratio	Lower	Upper
93	100		
66	41.7	35.3	52.9
65	22.5	18.7	28.1

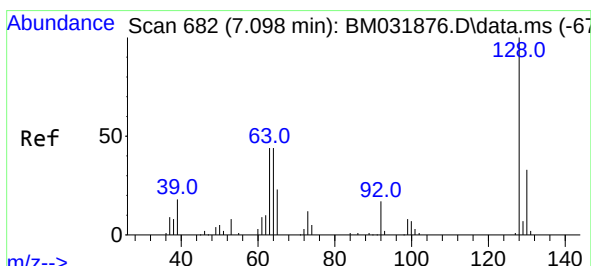
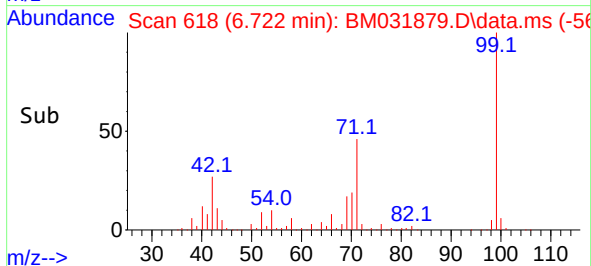
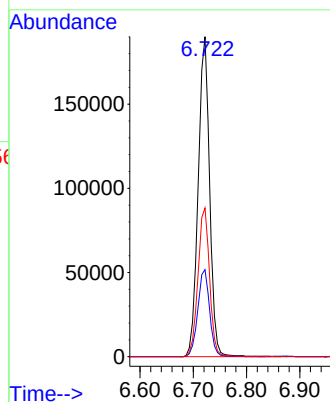
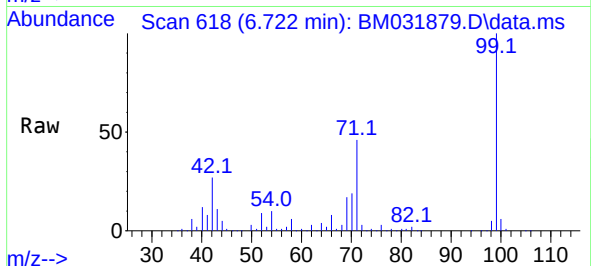




#7
Phenol-d6
Concen: 94.438 ng
RT: 6.722 min Scan# 618
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

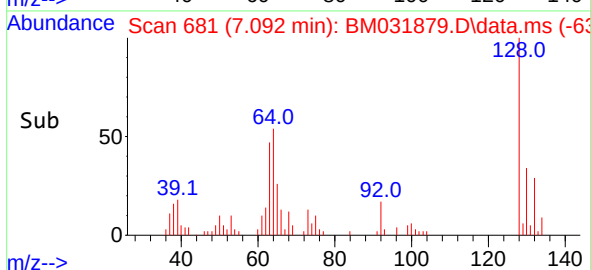
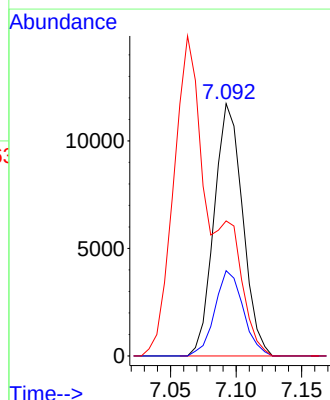
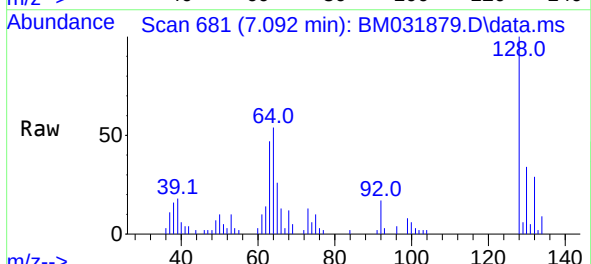
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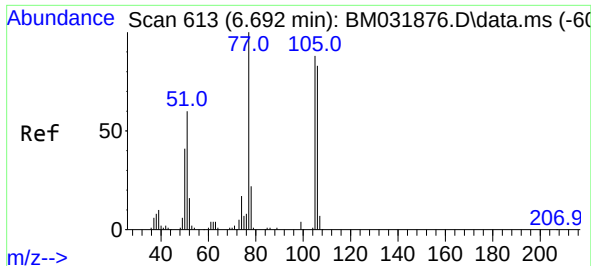
Tgt Ion:	99	Resp:	283800
Ion	Ratio	Lower	Upper
99	100		
42	27.2	23.0	34.6
71	46.5	37.8	56.8



#8
2-Chlorophenol
Concen: 7.398 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	128	Resp:	17747
Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.0	53.0
64	53.5	33.4	73.4

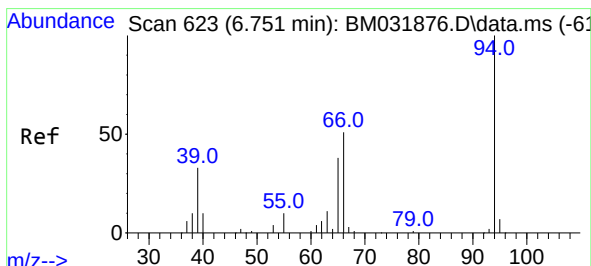
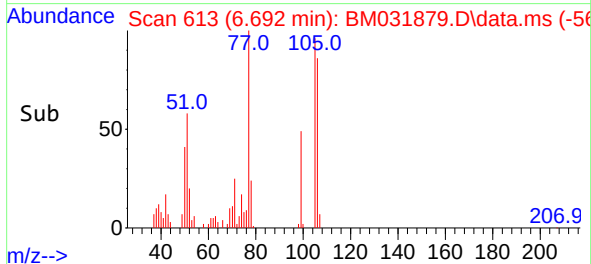
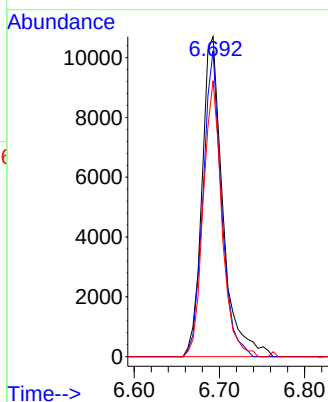
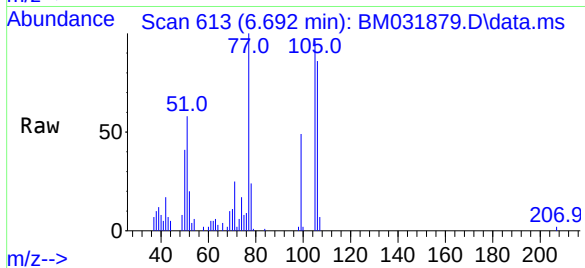




#9
Benzaldehyde
Concen: 9.130 ng
RT: 6.692 min Scan# 613
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

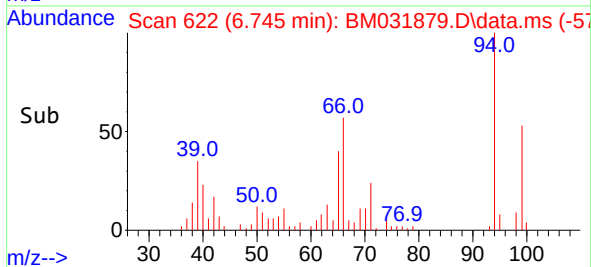
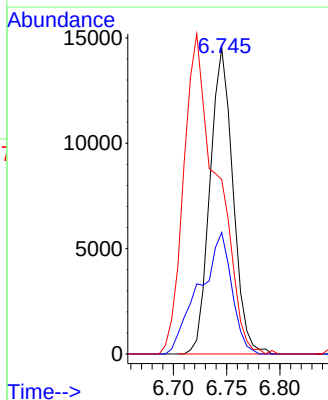
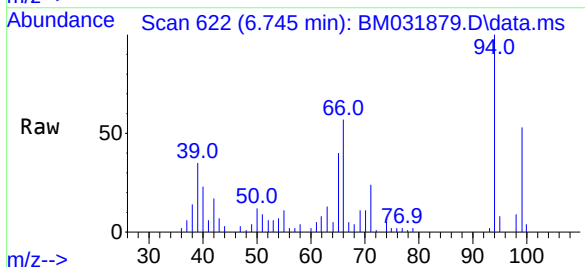
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

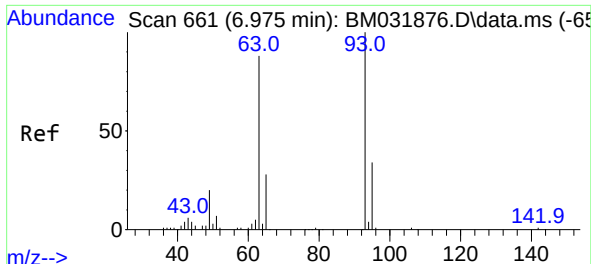
Tgt Ion: 77 Resp: 18135
Ion Ratio Lower Upper
77 100
105 95.6 68.9 108.9
106 86.2 61.2 101.2



#10
Phenol
Concen: 7.251 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 94 Resp: 21768
Ion Ratio Lower Upper
94 100
65 39.7 16.9 56.9
66 57.0 30.0 70.0



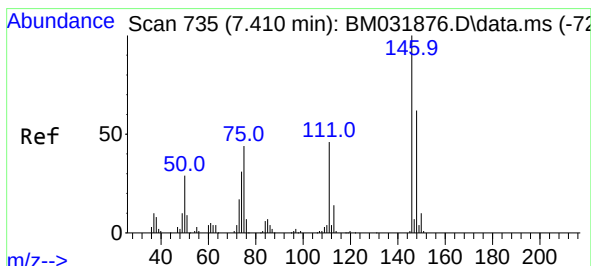
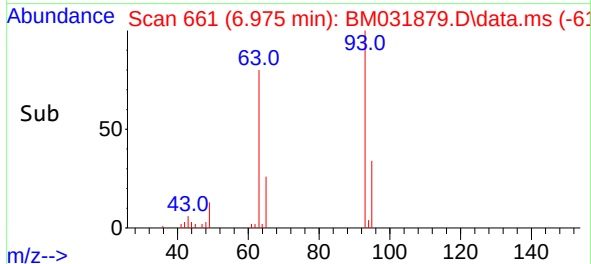
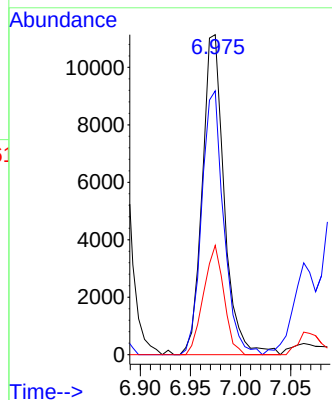
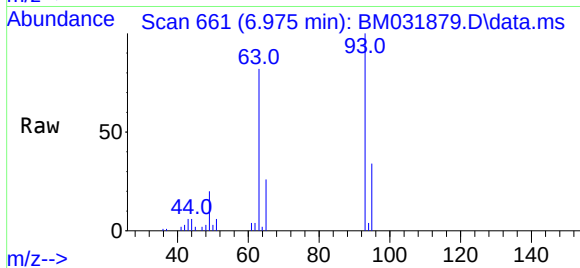


#11
bis(2-Chloroethyl)ether
Concen: 7.498 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion: 93 Resp: 17029

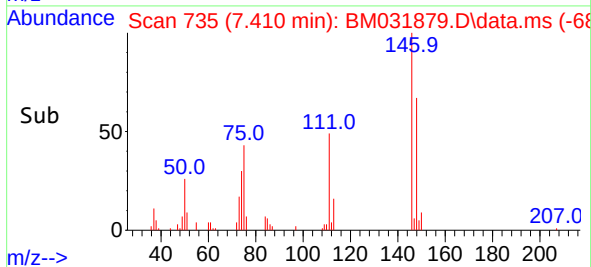
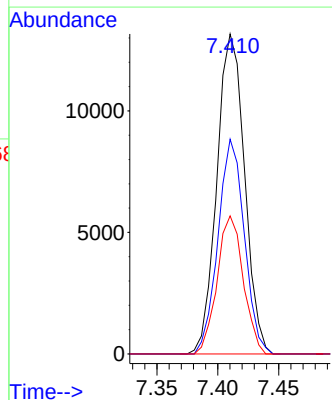
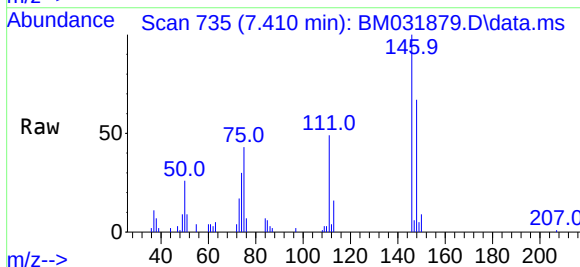
Ion	Ratio	Lower	Upper
93	100		
63	82.4	63.7	103.7
95	34.2	12.4	52.4

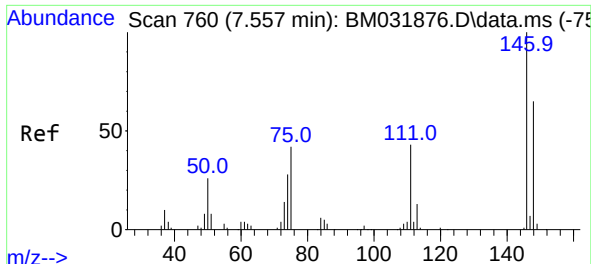


#12
1,3-Dichlorobenzene
Concen: 8.032 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 146 Resp: 20851

Ion	Ratio	Lower	Upper
146	100		
148	67.1	52.3	78.5
75	43.2	34.2	51.2

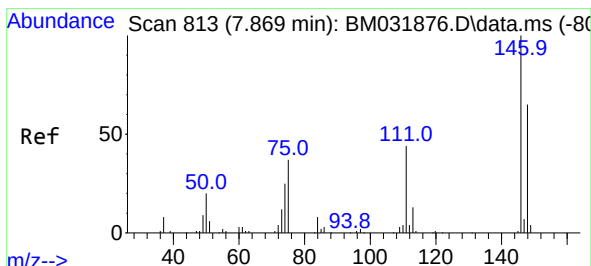
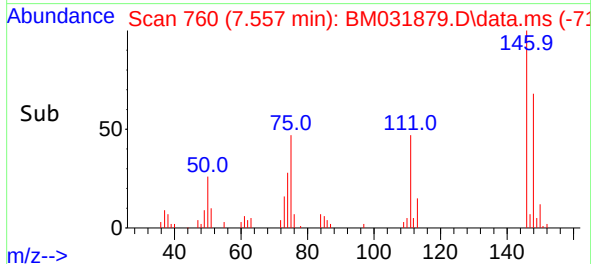
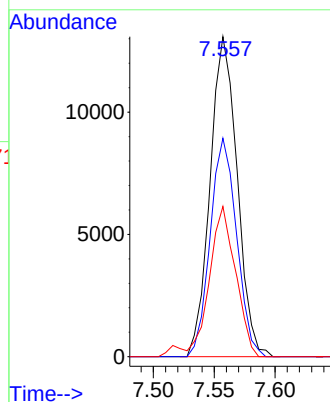
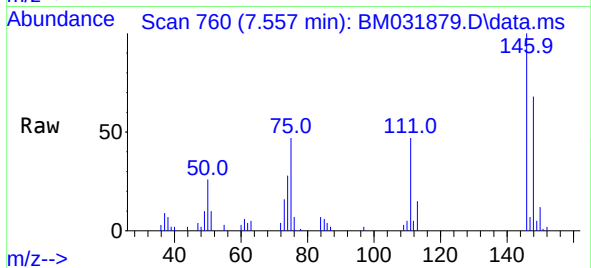




#13
1,4-Dichlorobenzene
Concen: 7.689 ng
RT: 7.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

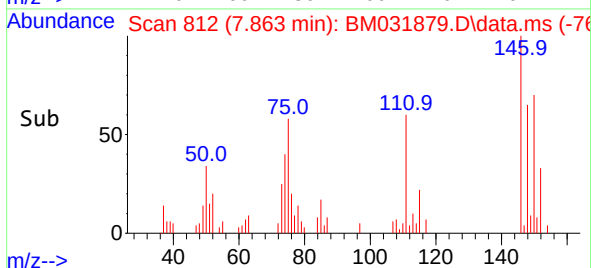
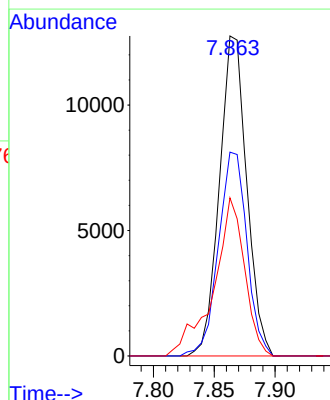
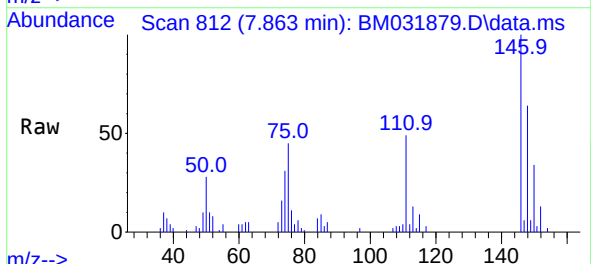
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

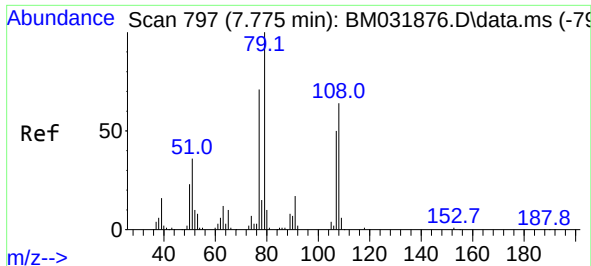
Tgt Ion:146 Resp: 20272
Ion Ratio Lower Upper
146 100
148 68.3 51.1 76.7
111 47.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 7.762 ng
RT: 7.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:146 Resp: 19929
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 49.4 38.2 57.2



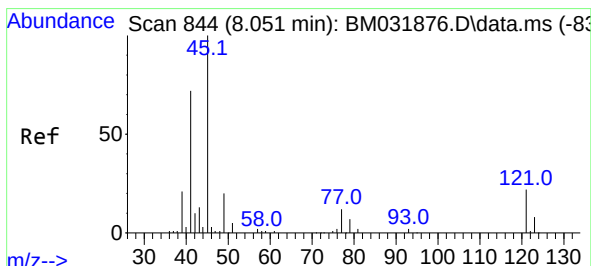
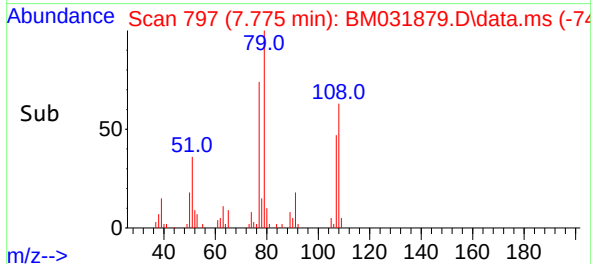
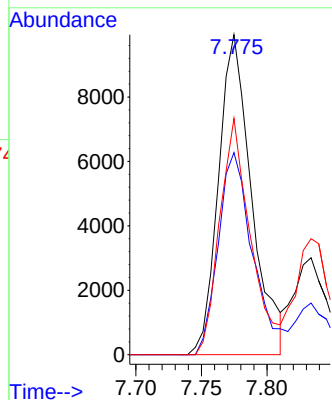
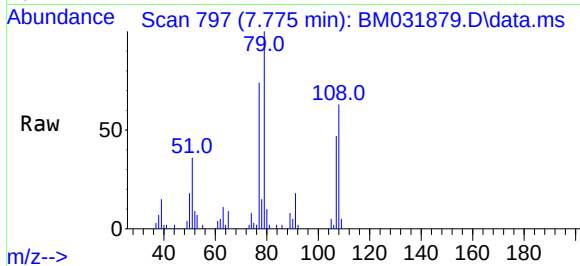


#15
Benzyl Alcohol
Concen: 7.059 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion: 79 Resp: 17434

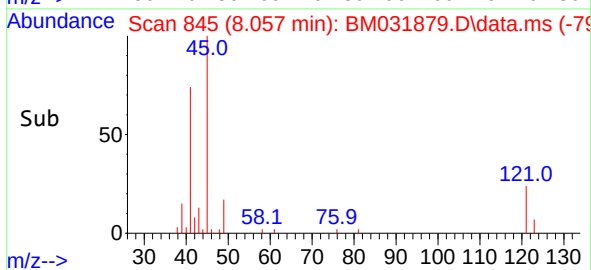
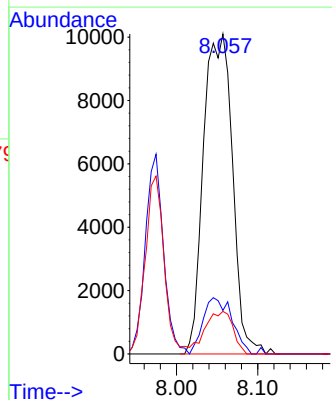
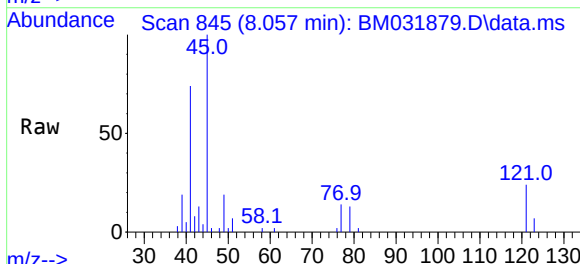
Ion	Ratio	Lower	Upper
79	100		
108	63.2	53.6	80.4
77	73.9	57.7	86.5



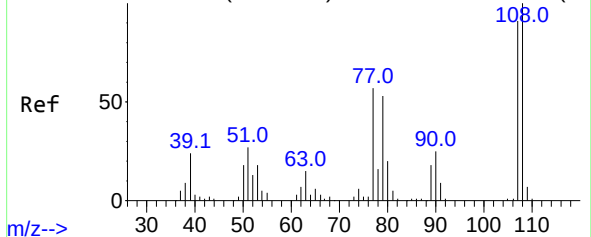
#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.397 ng
RT: 8.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 45 Resp: 25108

Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	36.1
79	13.3	0.0	30.5



Abundance Scan 831 (7.975 min): BM031876.D\data.ms (-82



#17

2-Methylphenol

Concen: 7.577 ng

RT: 7.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BM031879.D

Acq: 24 Aug 2021 10:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:107 Resp: 15314

Ion Ratio Lower Upper

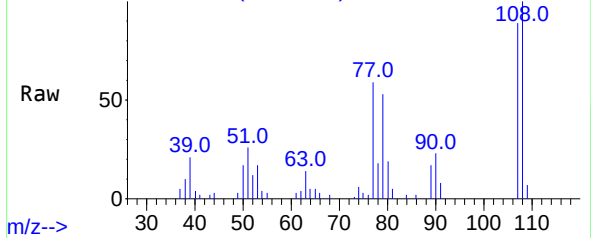
107 100

108 112.7 87.9 131.9

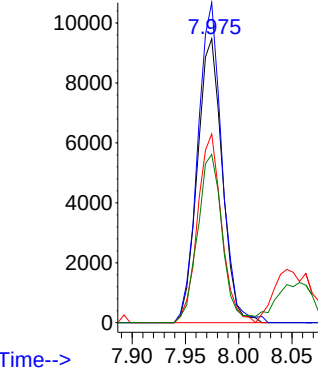
77 66.5 48.2 72.2

79 59.3 44.7 67.1

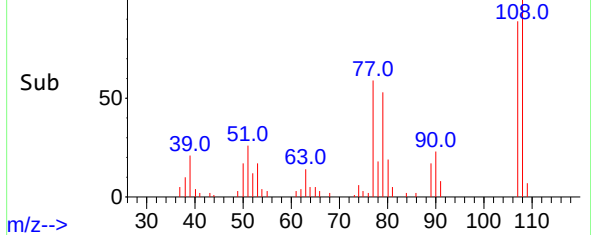
Abundance Scan 831 (7.975 min): BM031879.D\data.ms



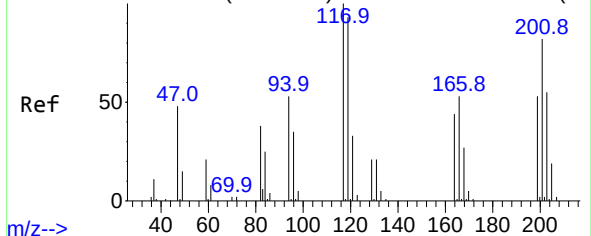
Abundance



Abundance Scan 831 (7.975 min): BM031879.D\data.ms (-78



Abundance Scan 933 (8.575 min): BM031876.D\data.ms (-92



#18

Hexachloroethane

Concen: 7.349 ng

RT: 8.575 min Scan# 933

Delta R.T. -0.006 min

Lab File: BM031879.D

Acq: 24 Aug 2021 10:51

Tgt Ion:117 Resp: 8250

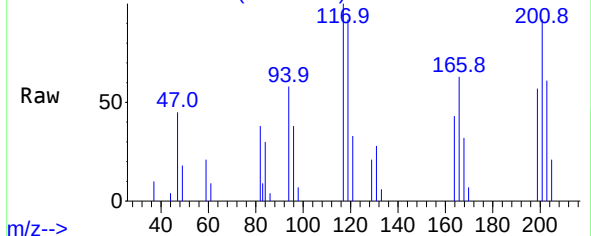
Ion Ratio Lower Upper

117 100

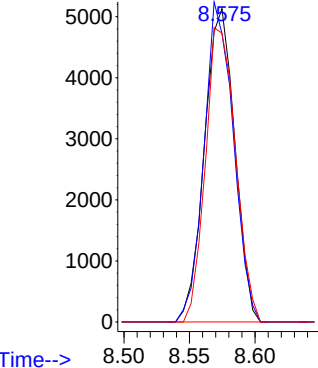
119 92.0 77.7 116.5

201 92.2 70.2 105.2

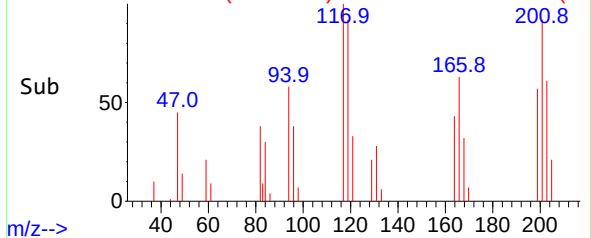
Abundance Scan 933 (8.575 min): BM031879.D\data.ms

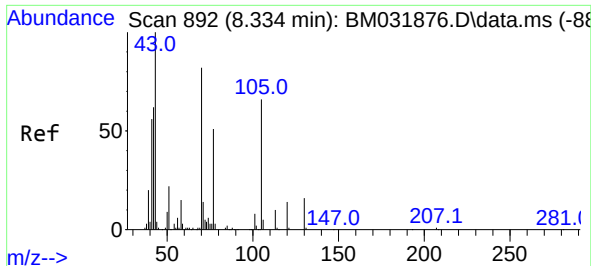


Abundance



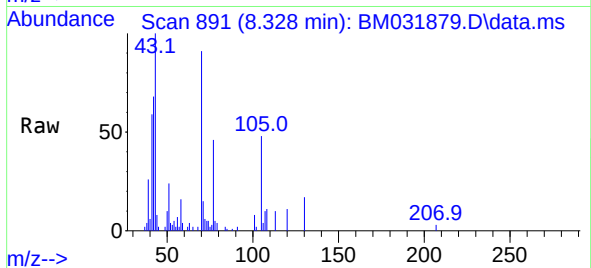
Abundance Scan 933 (8.575 min): BM031879.D\data.ms (-88





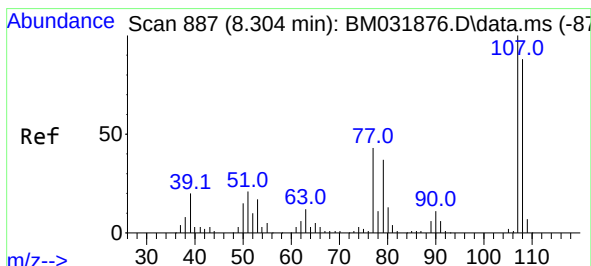
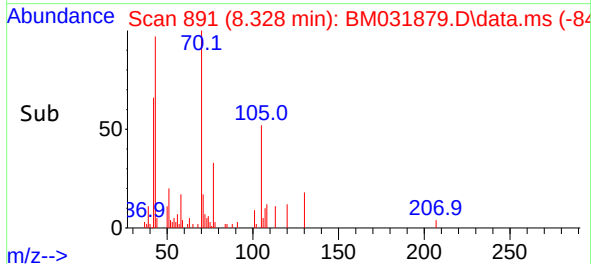
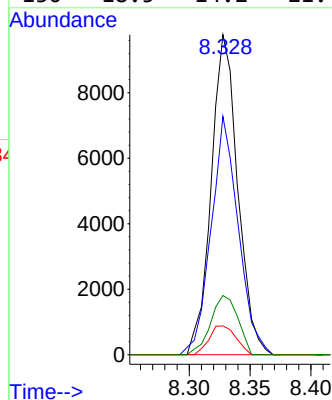
#19
n-Nitroso-di-n-propylamine
Concen: 6.557 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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



Tgt Ion: 70 Resp: 14833

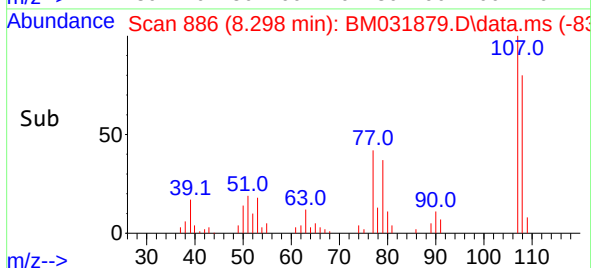
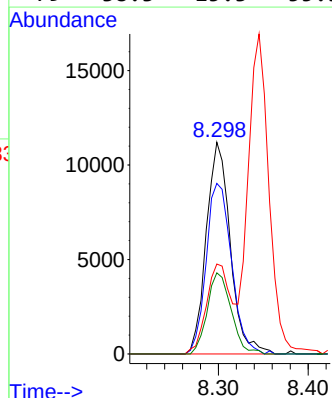
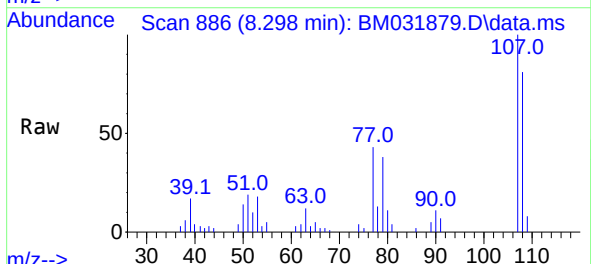
Ion	Ratio	Lower	Upper
70	100		
42	74.5	56.3	84.5
101	9.0	7.8	11.6
130	18.5	14.2	21.4

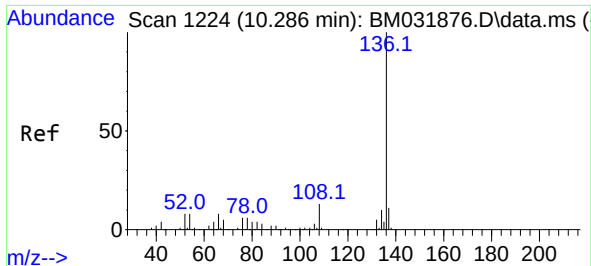


#20
3+4-Methylphenols
Concen: 7.366 ng
RT: 8.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 107 Resp: 20762

Ion	Ratio	Lower	Upper
107	100		
108	80.6	67.6	107.6
77	42.5	21.9	61.9
79	38.3	15.3	55.3



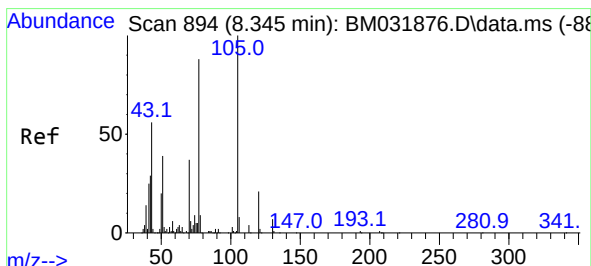
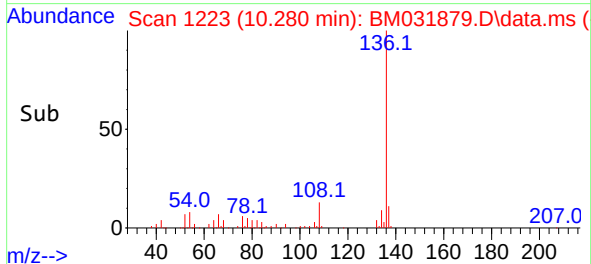
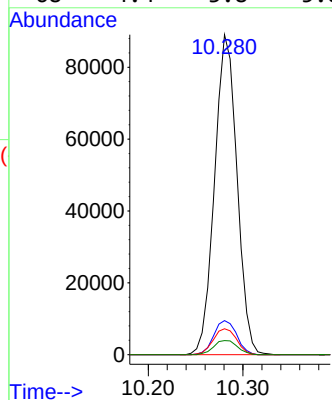
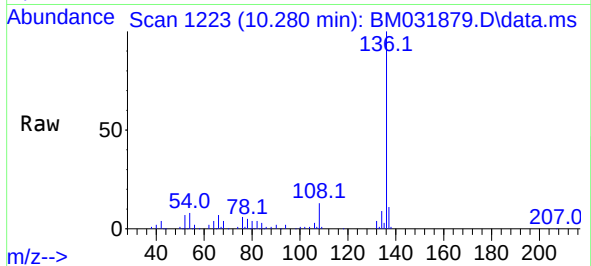


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion:136 Resp: 146621

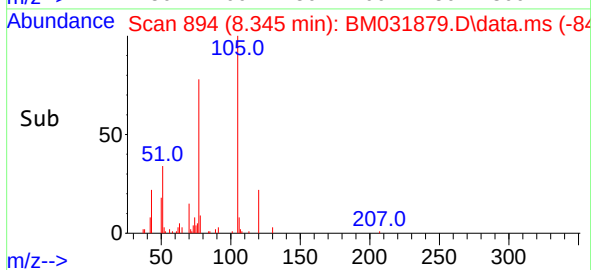
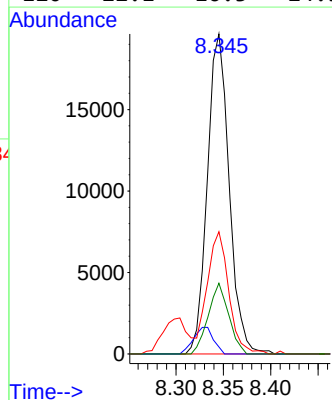
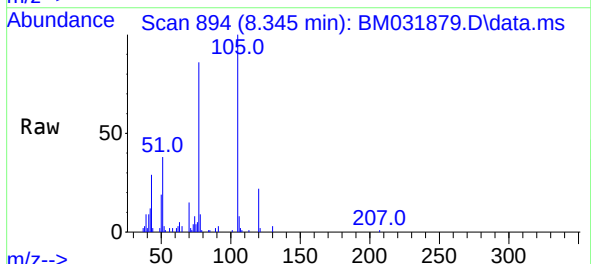
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	8.1	7.4	11.0
68	4.4	3.8	5.8

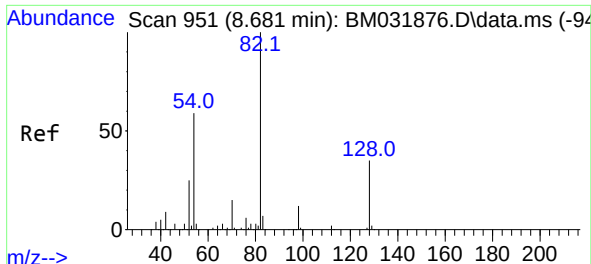


#22
Acetophenone
Concen: 7.379 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:105 Resp: 31547

Ion	Ratio	Lower	Upper
105	100		
71	2.2	3.8	5.6#
51	38.2	29.5	44.3
120	22.1	16.3	24.5





#23

Nitrobenzene-d5

Concen: 72.379 ng

RT: 8.675 min Scan# 950

Delta R.T. -0.012 min

Lab File: BM031879.D

Acq: 24 Aug 2021 10:51

Tgt Ion: 82 Resp: 260611

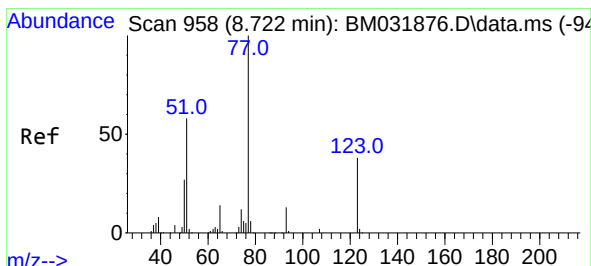
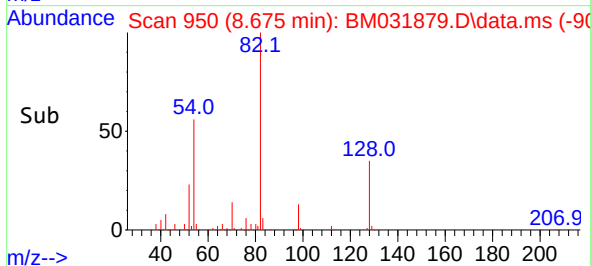
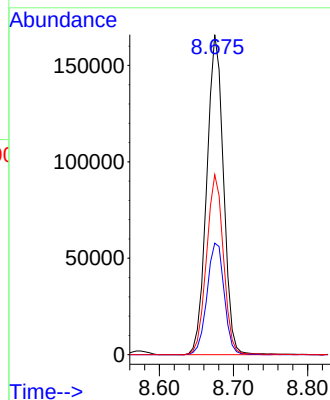
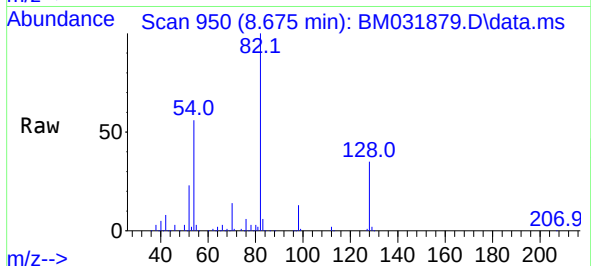
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.0	43.6
54	56.2	45.8	68.8

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021



#24

Nitrobenzene

Concen: 7.433 ng

RT: 8.716 min Scan# 957

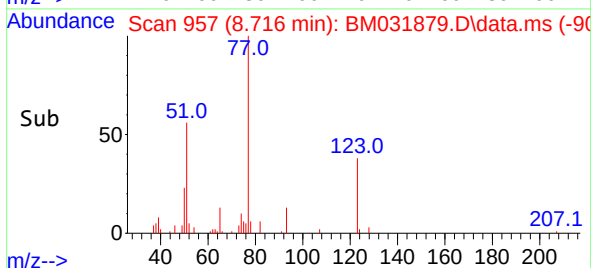
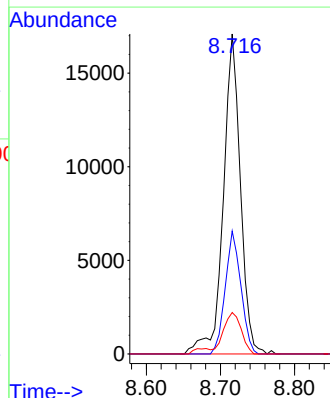
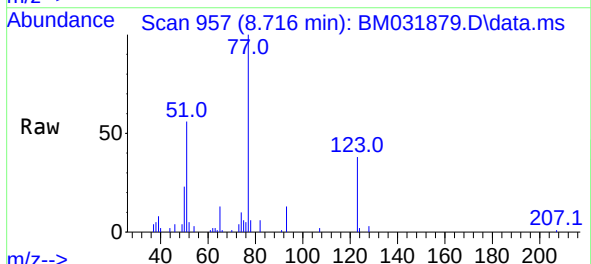
Delta R.T. -0.012 min

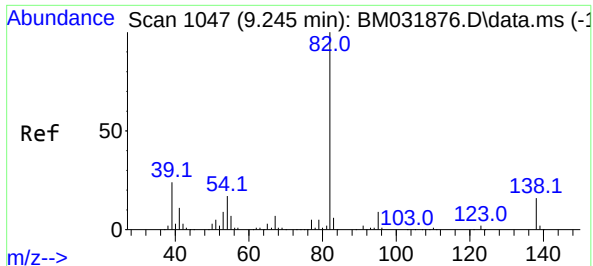
Lab File: BM031879.D

Acq: 24 Aug 2021 10:51

Tgt Ion: 77 Resp: 27414

Ion	Ratio	Lower	Upper
77	100		
123	38.4	30.1	45.1
65	12.9	11.7	17.5

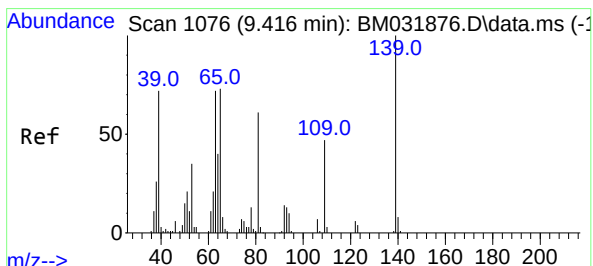
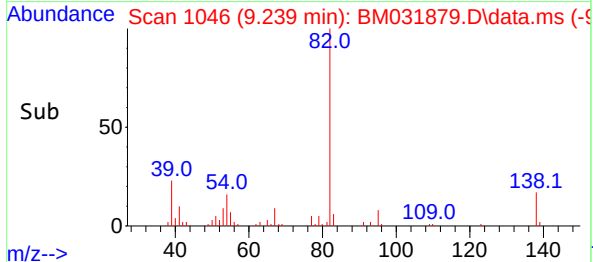
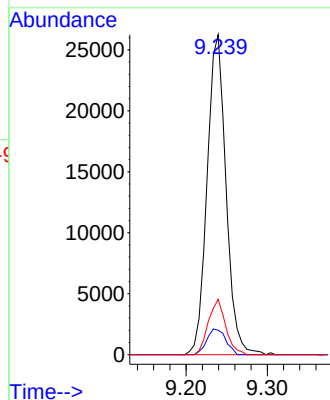
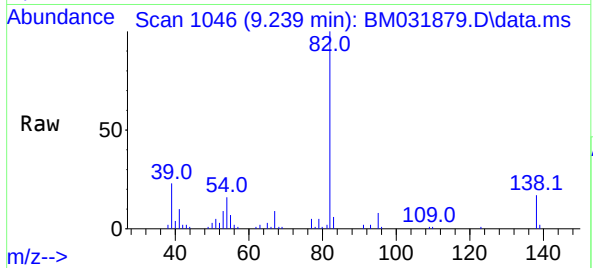




#25
Isophorone
Concen: 6.558 ng
RT: 9.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

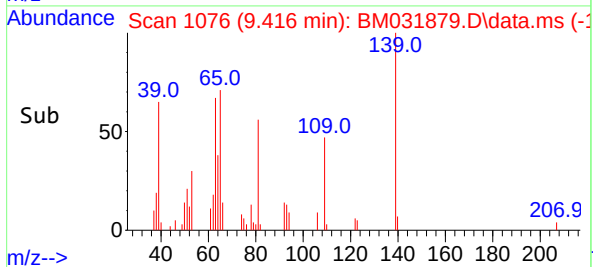
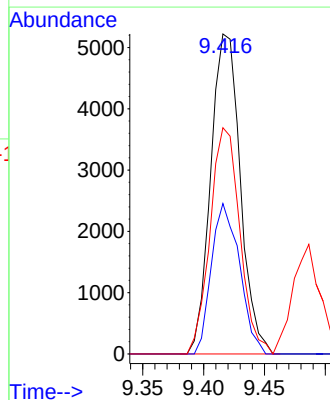
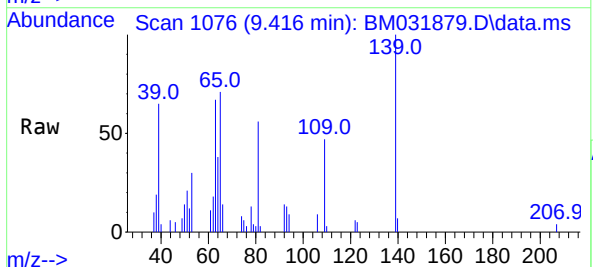
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

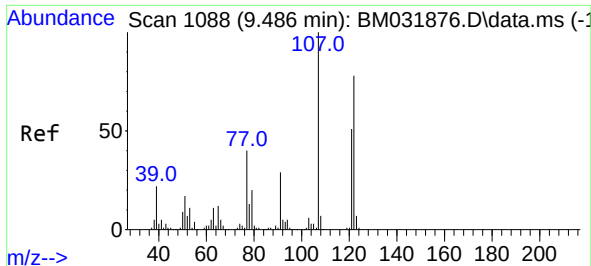
Tgt Ion: 82 Resp: 42370
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.3 12.4 18.6



#26
2-Nitrophenol
Concen: 6.352 ng
RT: 9.416 min Scan# 1076
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 139 Resp: 8841
Ion Ratio Lower Upper
139 100
109 47.0 34.8 52.2
65 70.7 59.9 89.9

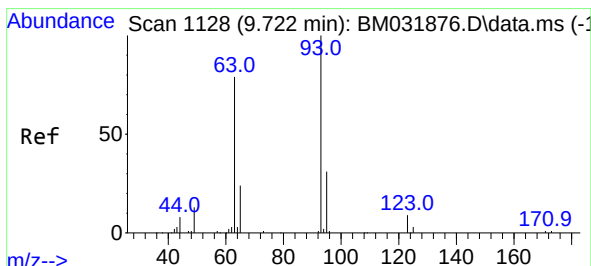
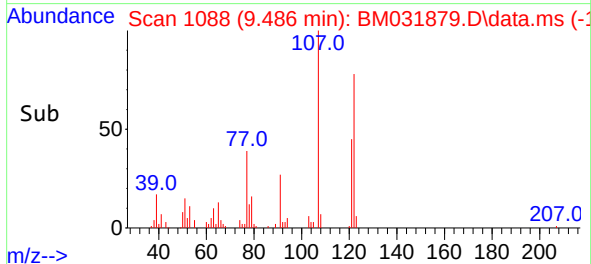
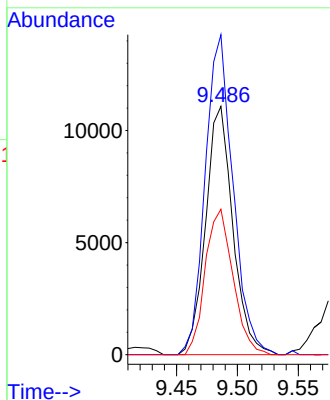
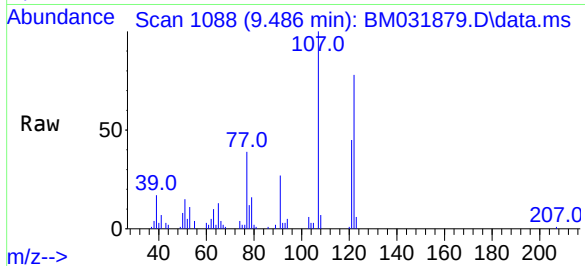




#27
2,4-Dimethylphenol
Concen: 8.075 ng
RT: 9.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

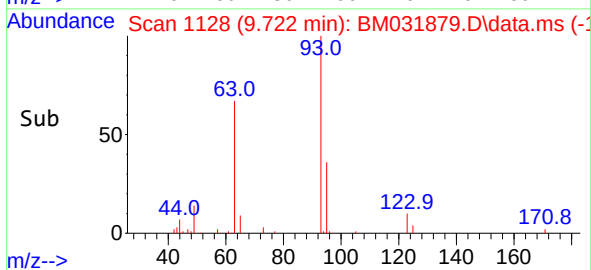
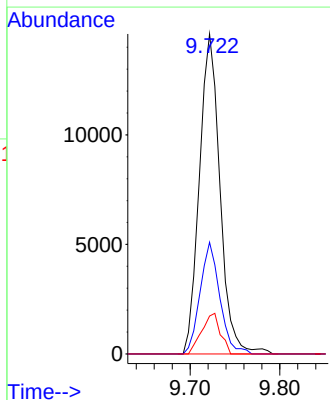
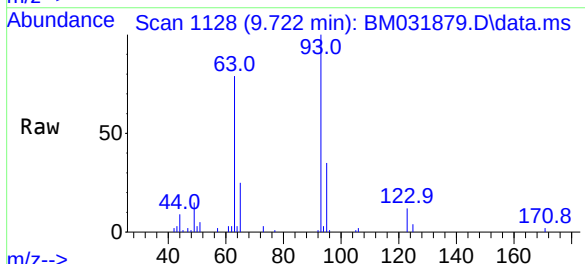
Instrument :
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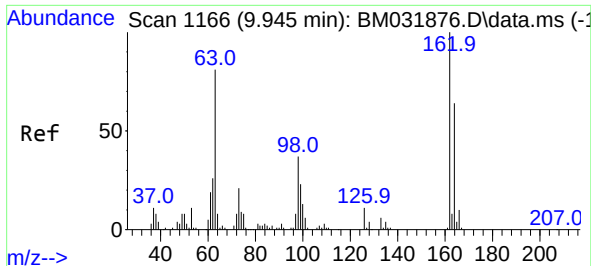
Tgt Ion:122 Resp: 17301
Ion Ratio Lower Upper
122 100
107 128.9 100.6 150.8
121 58.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.417 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 93 Resp: 23292
Ion Ratio Lower Upper
93 100
95 34.9 25.8 38.8
123 11.8 8.8 13.2

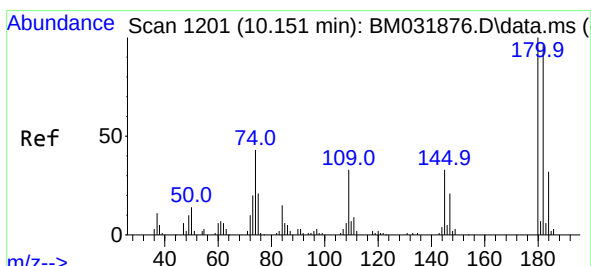
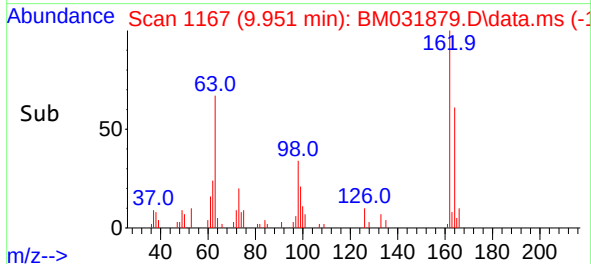
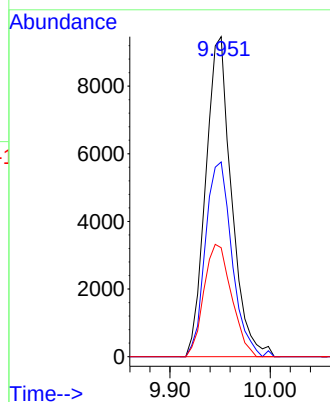
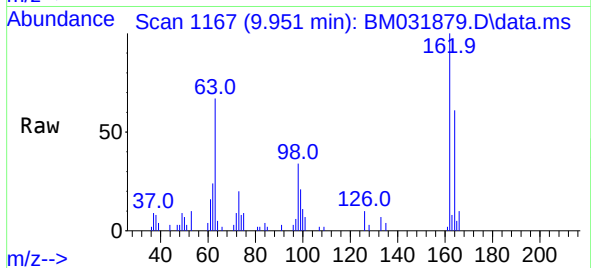




#29
2,4-Dichlorophenol
Concen: 6.964 ng
RT: 9.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

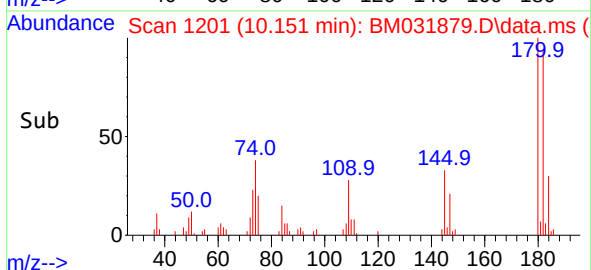
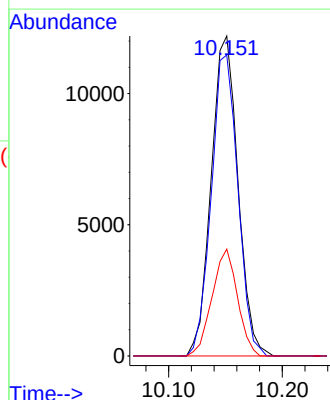
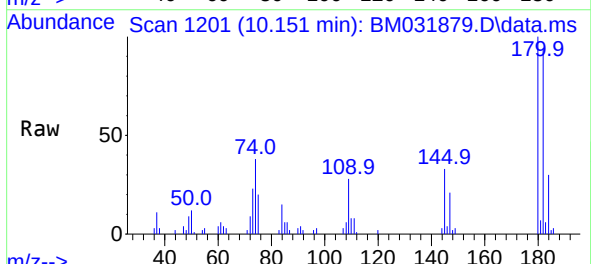
Instrument :
BNA_M
ClientSampleId :
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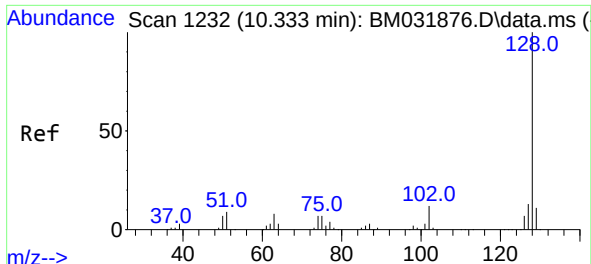
Tgt Ion:162	Resp:	16910
Ion Ratio	Lower	Upper
162	100	
164	60.8	47.4 87.4
98	34.0	18.9 58.9



#30
1,2,4-Trichlorobenzene
Concen: 7.749 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:180	Resp:	19977
Ion Ratio	Lower	Upper
180	100	
182	94.0	75.5 113.3
145	33.4	26.2 39.2

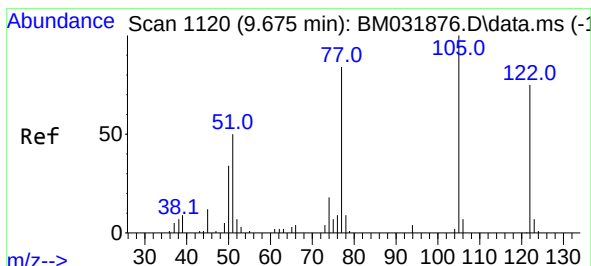
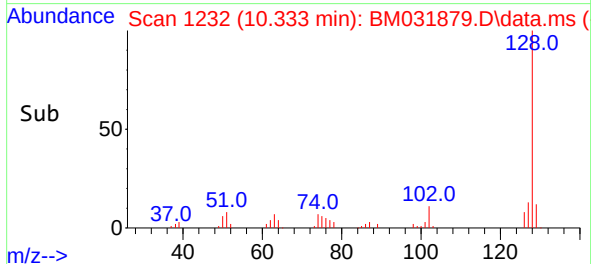
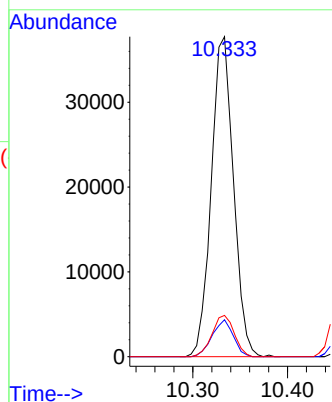
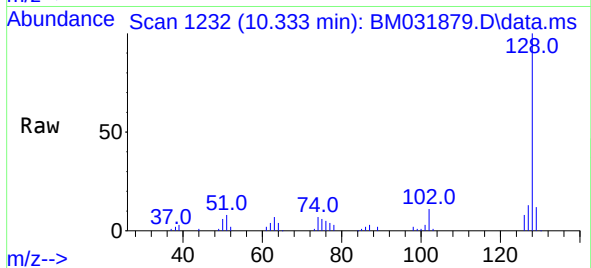




#31
Naphthalene
Concen: 7.299 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

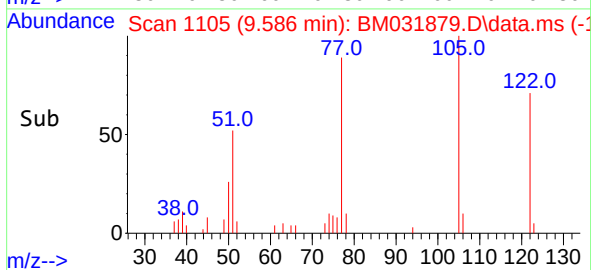
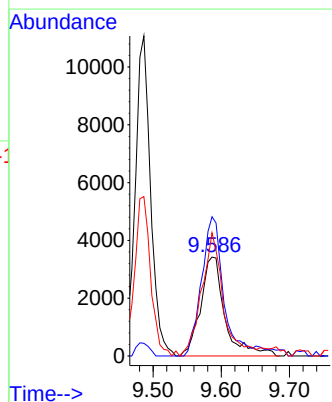
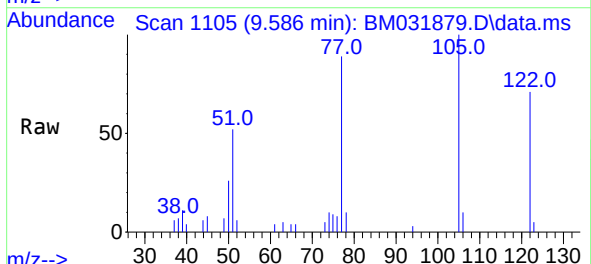
Instrument :
BNA_M
ClientSampleId :
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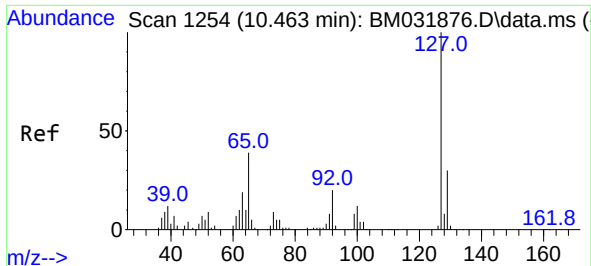
Tgt Ion:128 Resp: 61365
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 12.9 10.4 15.6



#32
Benzoic acid
Concen: 4.665 ng
RT: 9.586 min Scan# 1105
Delta R.T. -0.094 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:122 Resp: 8472
Ion Ratio Lower Upper
122 100
105 140.8 120.3 160.3
77 124.7 100.0 140.0

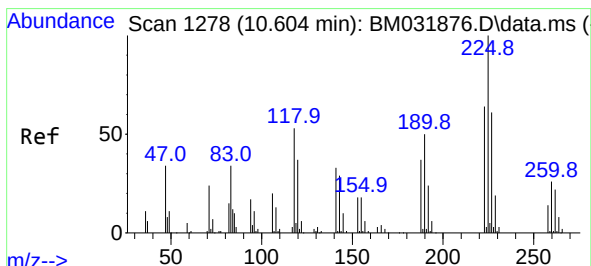
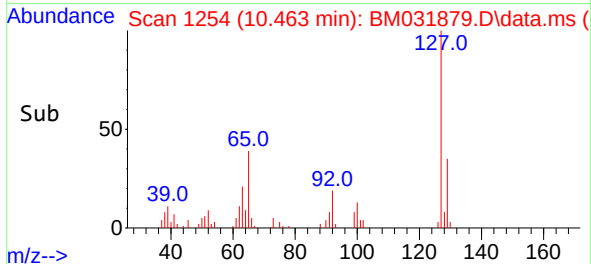
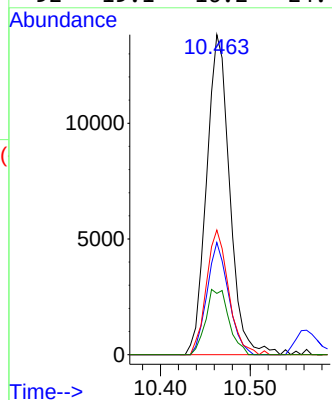
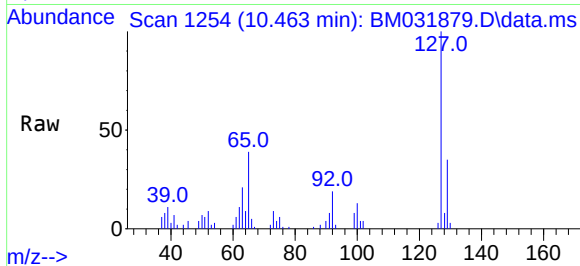




#33
4-Chloroaniline
Concen: 7.416 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

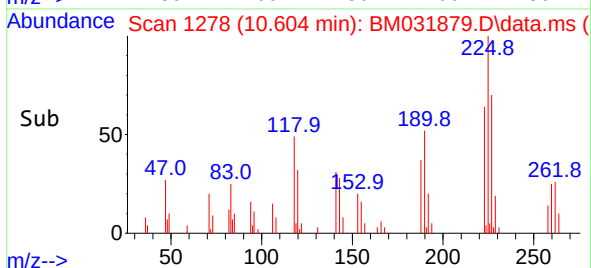
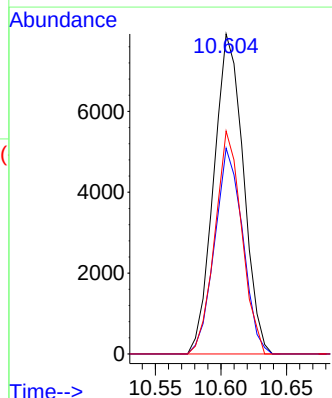
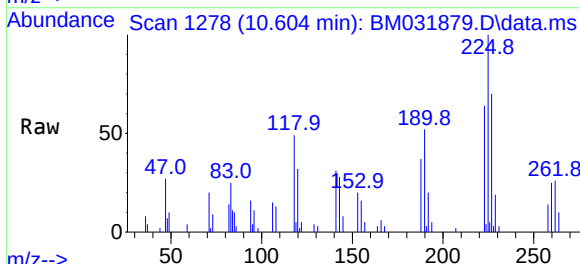
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

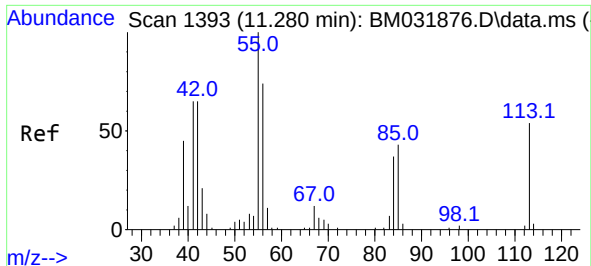
Tgt Ion:	127	Resp:	24758
Ion	Ratio	Lower	Upper
127	100		
129	35.1	25.6	38.4
65	38.9	30.4	45.6
92	19.1	16.2	24.4



#34
Hexachlorobutadiene
Concen: 7.706 ng
RT: 10.604 min Scan# 1278
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	225	Resp:	12417
Ion	Ratio	Lower	Upper
225	100		
223	64.9	52.6	78.8
227	66.5	51.2	76.8

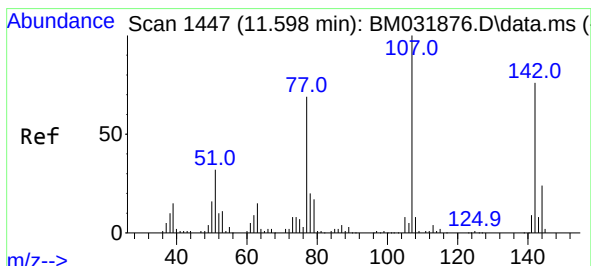
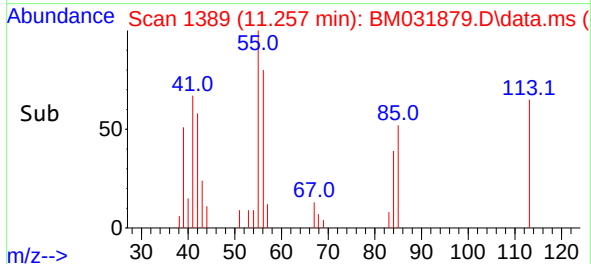
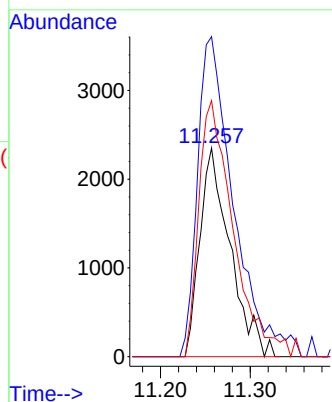
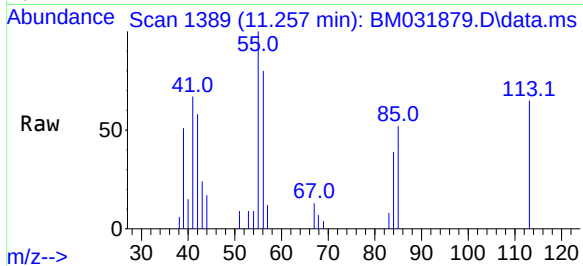




#35
Caprolactam
Concen: 7.153 ng
RT: 11.257 min Scan# 1389
Delta R.T. -0.029 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

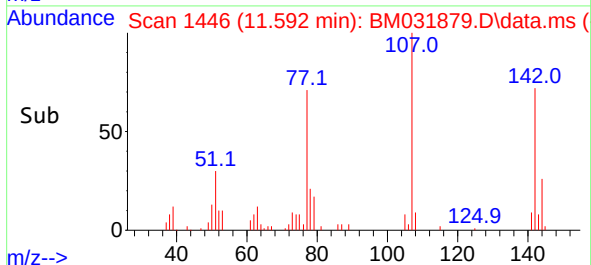
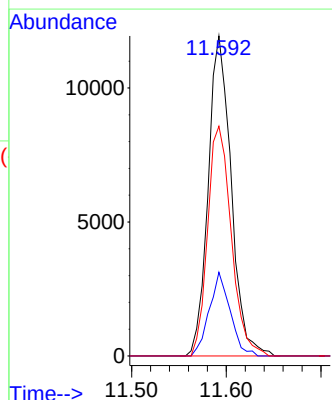
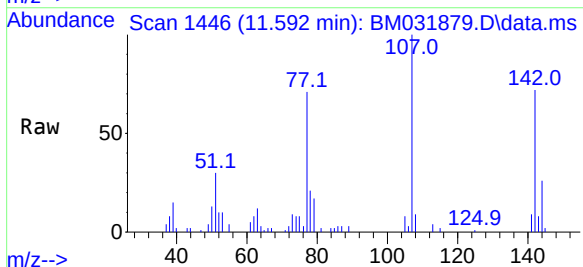
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

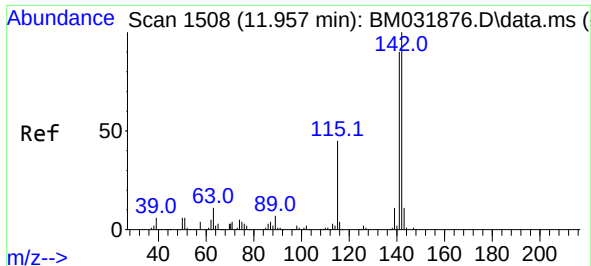
Tgt Ion:113 Resp: 5496
Ion Ratio Lower Upper
113 100
55 153.3 170.5 210.5#
56 122.6 125.2 165.2#



#36
4-Chloro-3-methylphenol
Concen: 6.985 ng
RT: 11.592 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:107 Resp: 20137
Ion Ratio Lower Upper
107 100
144 26.1 19.3 28.9
142 71.8 60.5 90.7

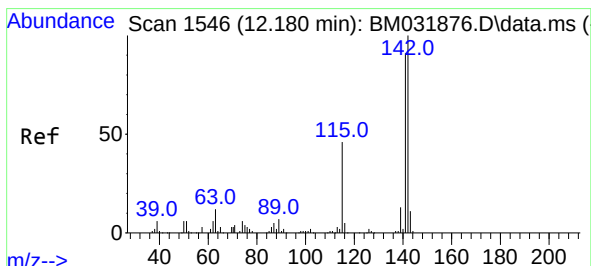
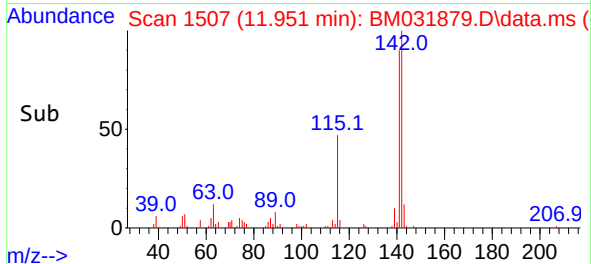
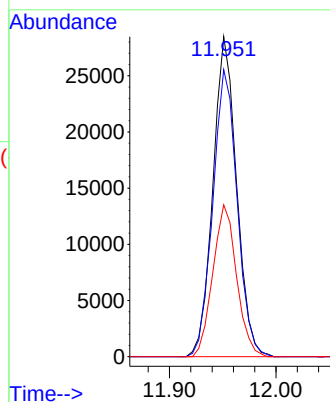
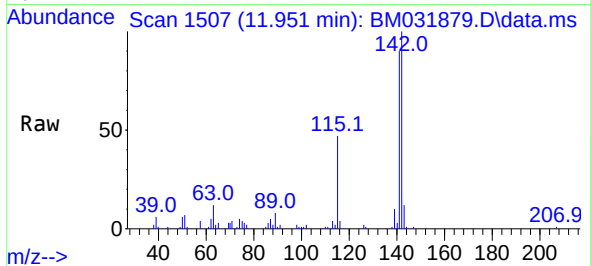




#37
2-Methylnaphthalene
Concen: 7.235 ng
RT: 11.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

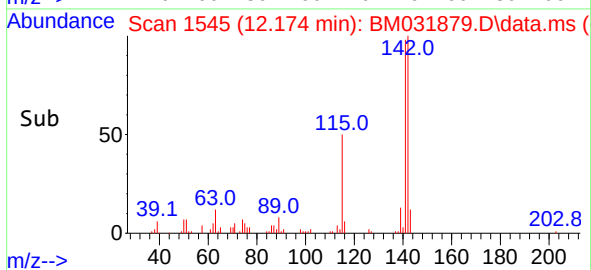
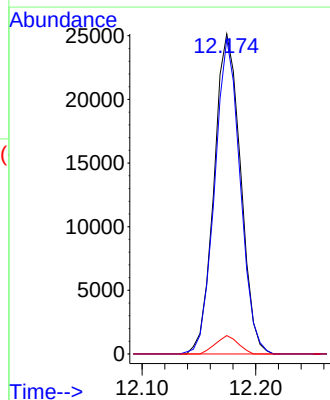
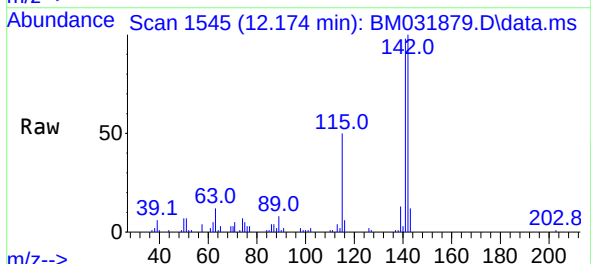
Instrument :
BNA_M
ClientSampleId :
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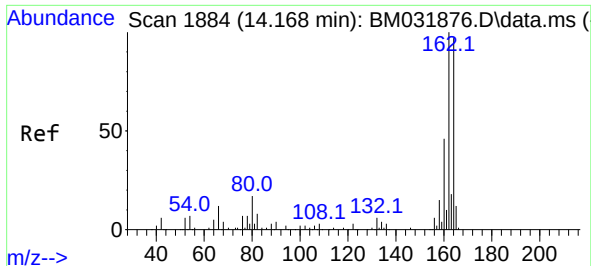
Tgt Ion:142	Resp:	43851
Ion Ratio	Lower	Upper
142	100	
141	89.7	71.8 107.6
115	47.5	36.3 54.5



#38
1-Methylnaphthalene
Concen: 7.124 ng
RT: 12.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:142	Resp:	40650
Ion Ratio	Lower	Upper
142	100	
141	98.5	75.6 113.4
116	5.7	4.0 6.0

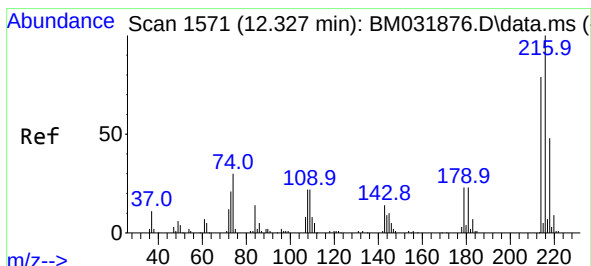
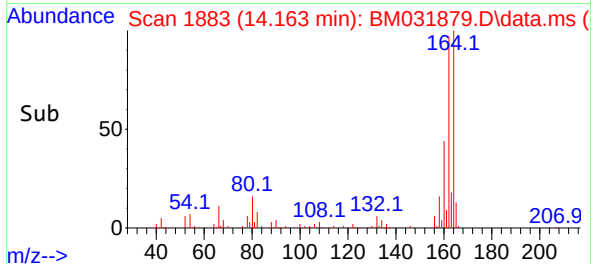
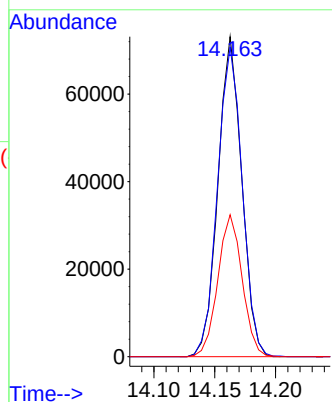
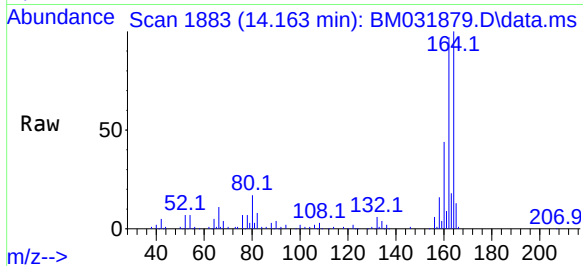




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

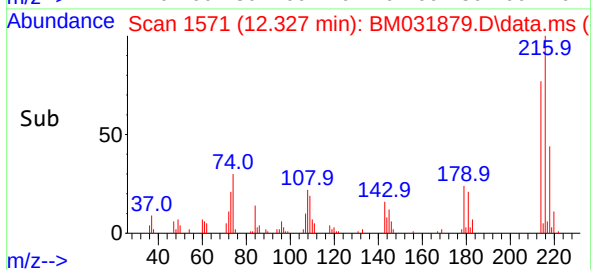
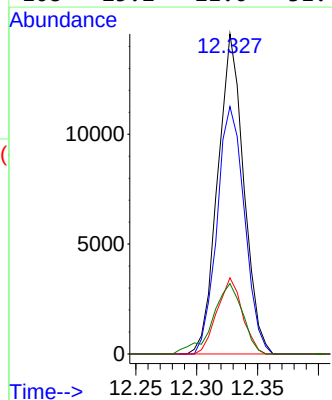
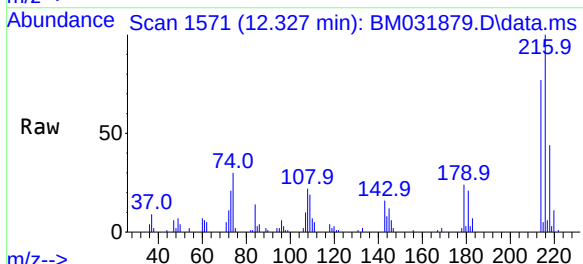
Instrument :
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ClientSampleId :
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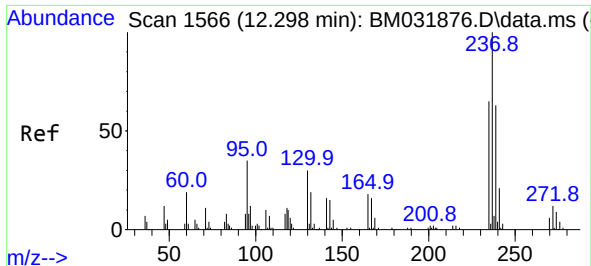
Tgt Ion:164	Resp:	99273
Ion Ratio	Lower	Upper
164	100	
162	96.7	80.6 121.0
160	44.4	35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.607 ng
RT: 12.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:216	Resp:	21704
Ion Ratio	Lower	Upper
216	100	
214	81.3	62.5 93.7
179	23.0	18.7 28.1
108	25.2	21.0 31.4

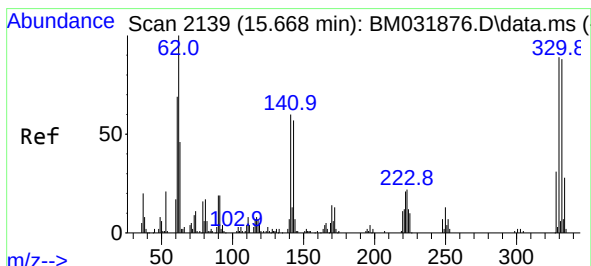
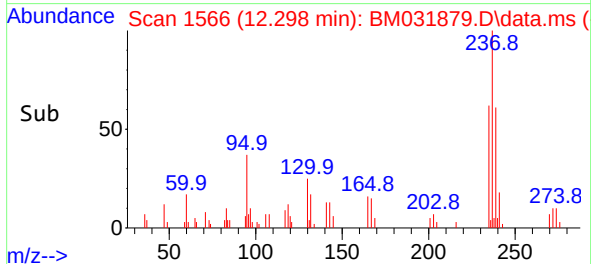
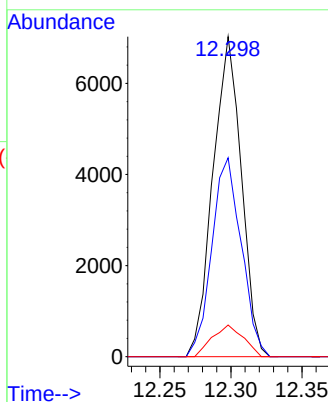
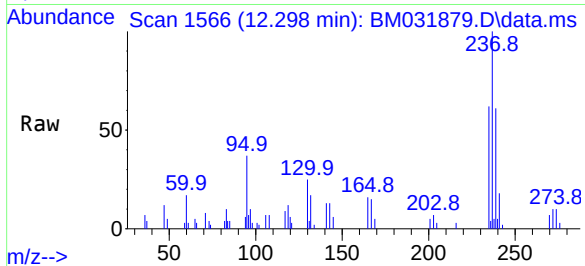




#41
Hexachlorocyclopentadiene
Concen: 7.057 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

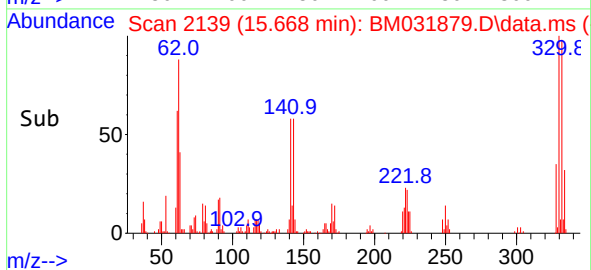
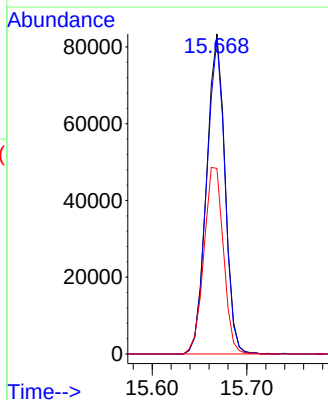
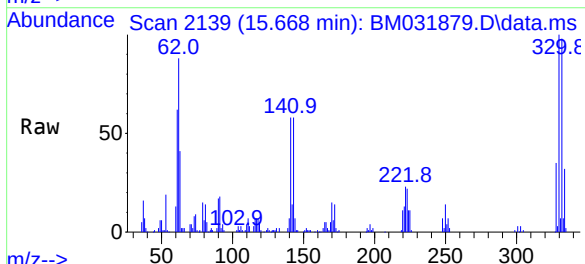
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

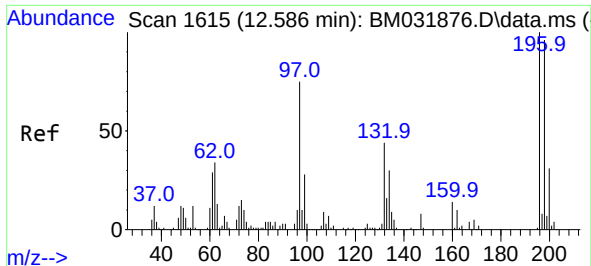
Tgt Ion:	237	Resp:	9765
Ion	Ratio	Lower	Upper
237	100		
235	62.2	44.4	84.4
272	9.9	0.0	31.4



#42
2,4,6-Tribromophenol
Concen: 103.202 ng
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	330	Resp:	112892
Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.7	113.5
141	61.6	50.7	76.1

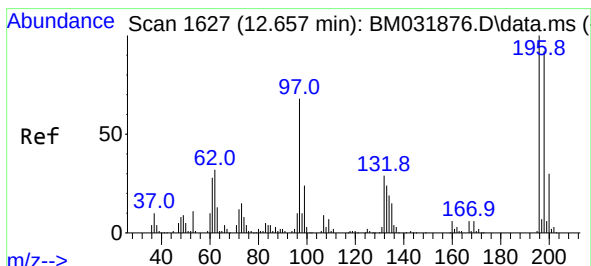
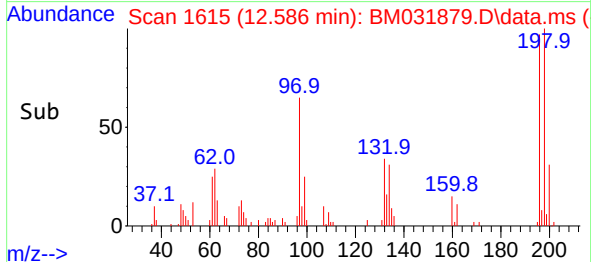
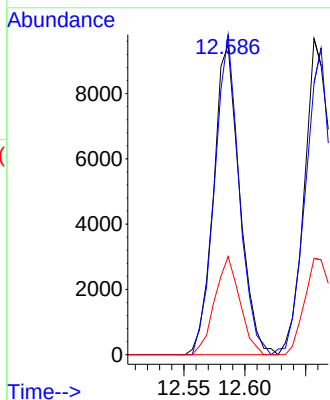
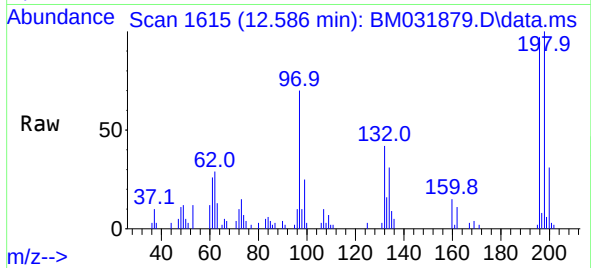




#43
2,4,6-Trichlorophenol
Concen: 6.728 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

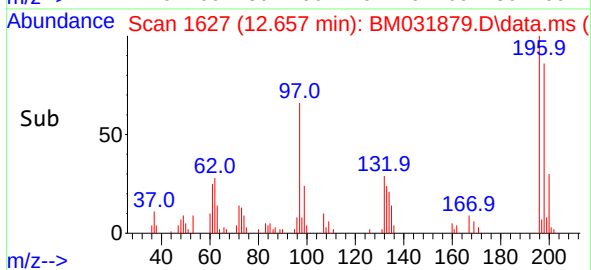
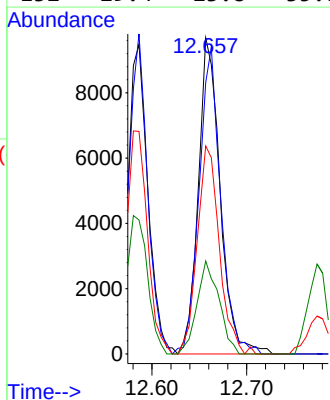
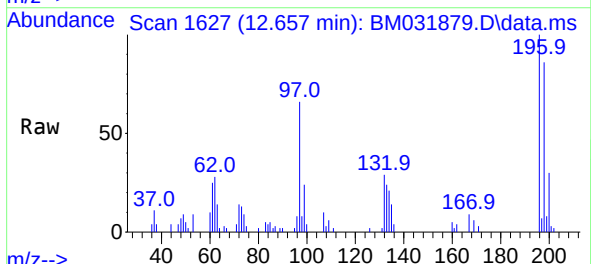
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

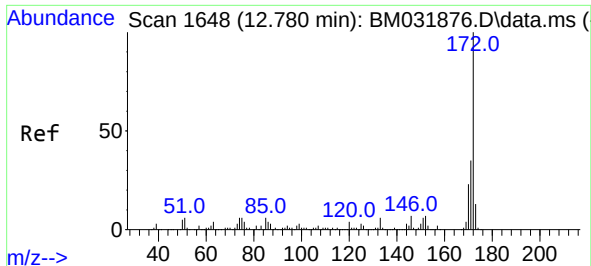
Tgt Ion:196 Resp: 14170
Ion Ratio Lower Upper
196 100
198 103.3 73.6 110.4
200 31.7 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 6.931 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:196 Resp: 15572
Ion Ratio Lower Upper
196 100
198 85.9 77.0 115.4
97 65.8 53.9 80.9
132 29.4 23.8 35.8

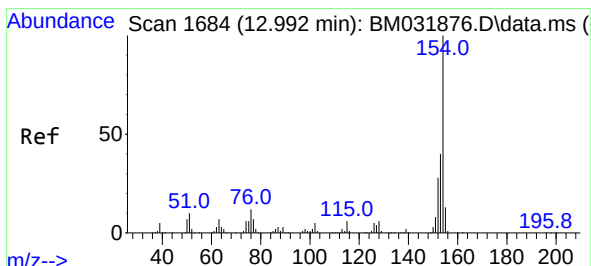
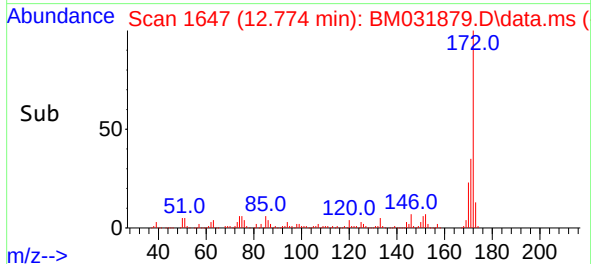
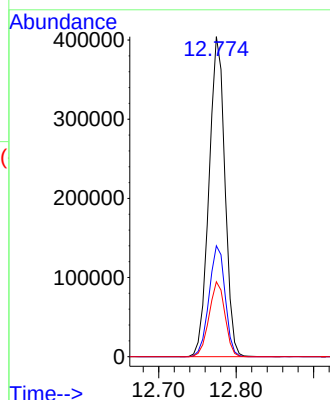
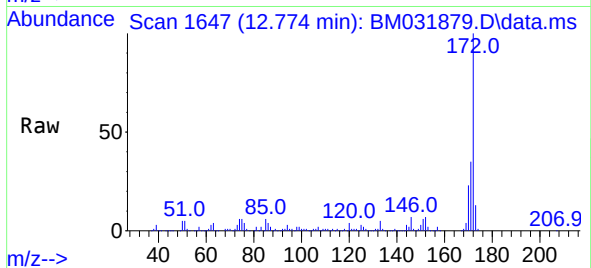




#45
2-Fluorobiphenyl
Concen: 74.603 ng
RT: 12.774 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

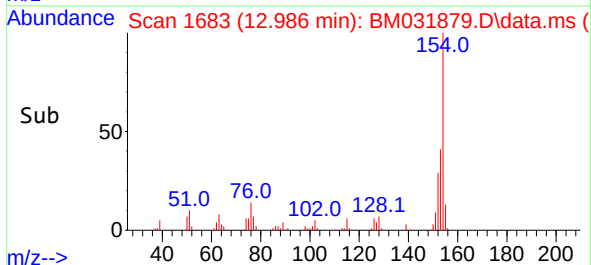
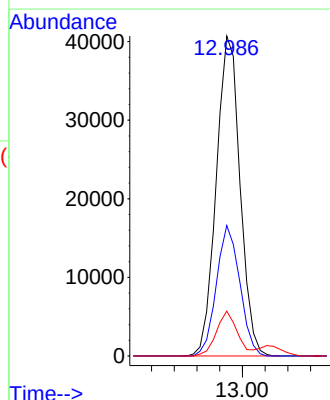
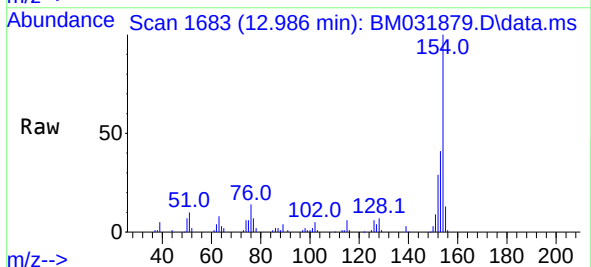
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

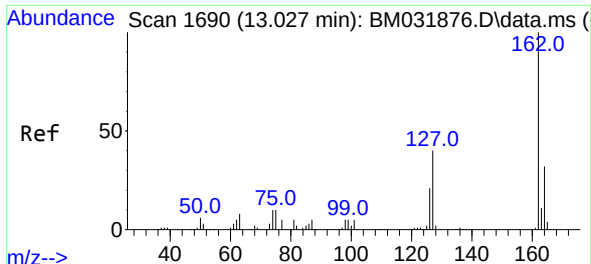
Tgt Ion:172 Resp: 575613
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 7.384 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:154 Resp: 59127
Ion Ratio Lower Upper
154 100
153 40.7 20.3 60.3
76 14.0 0.0 33.5

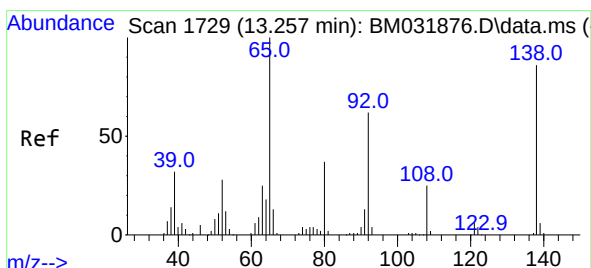
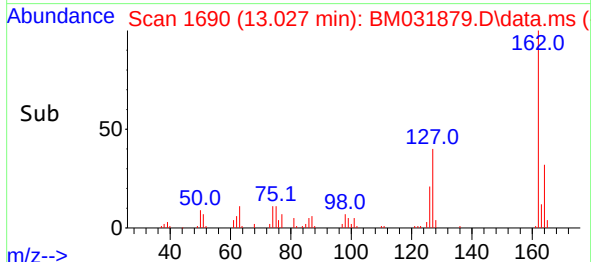
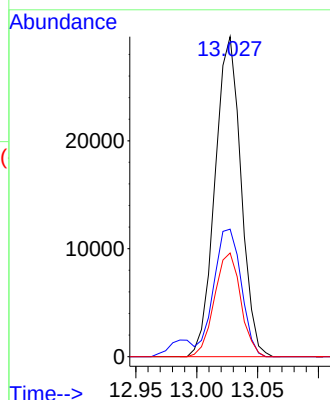
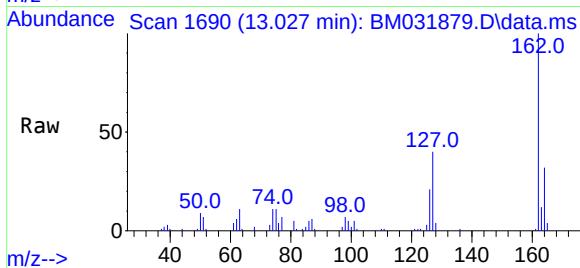




#47
2-Chloronaphthalene
Concen: 7.075 ng
RT: 13.027 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

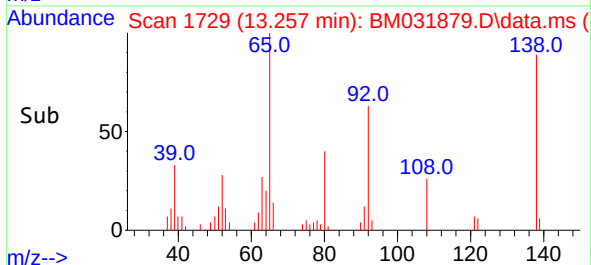
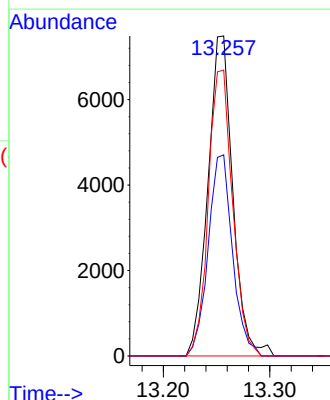
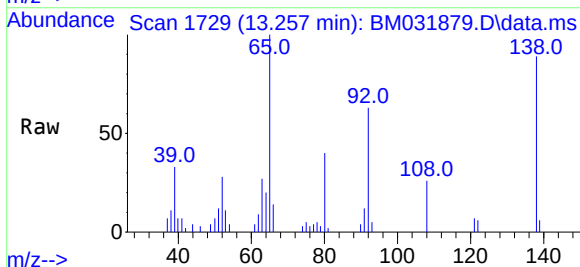
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

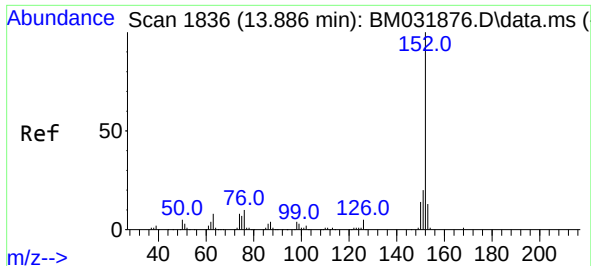
Tgt Ion:	162	Resp:	43995
Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.2	49.8
164	32.4	25.7	38.5



#48
2-Nitroaniline
Concen: 5.630 ng
RT: 13.257 min Scan# 1729
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	65	Resp:	12182
Ion	Ratio	Lower	Upper
65	100		
92	62.9	51.2	76.8
138	89.3	66.8	100.2

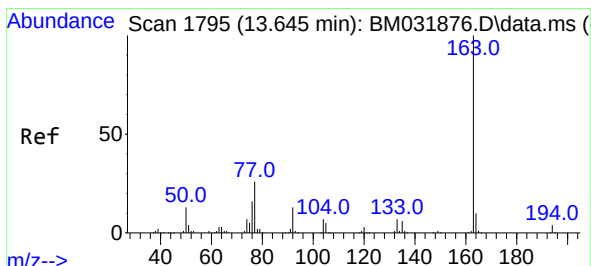
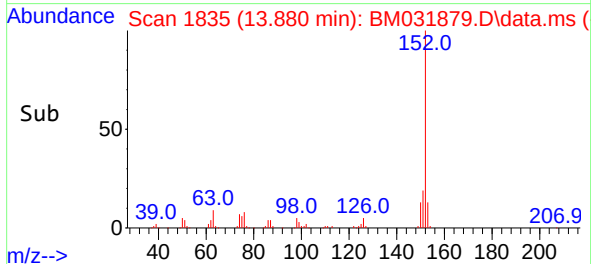
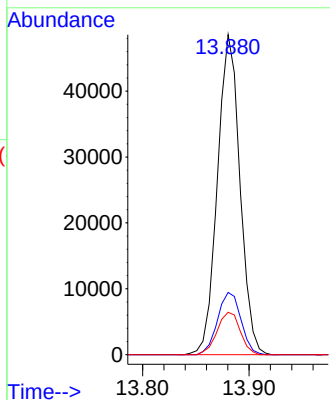
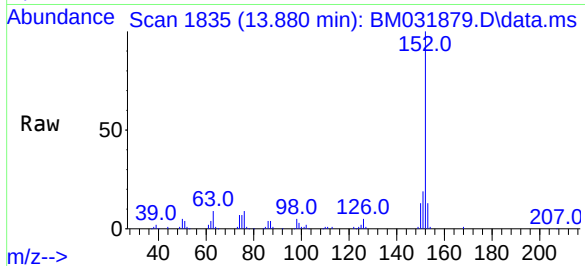




#49
Acenaphthylene
Concen: 7.063 ng
RT: 13.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

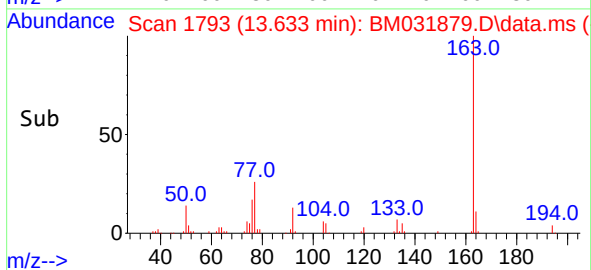
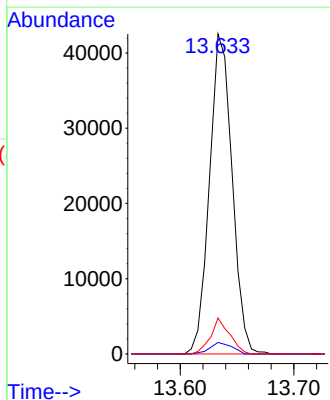
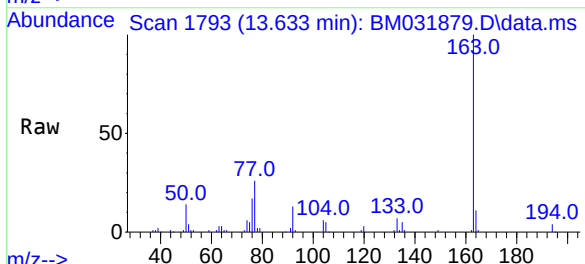
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

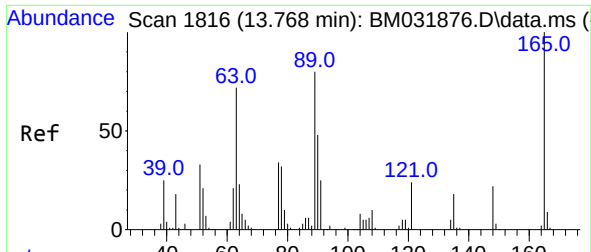
Tgt Ion:152	Resp:	71244
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.7 23.5
153	13.3	10.6 15.8



#50
Dimethylphthalate
Concen: 7.297 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:163	Resp:	58844
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.9 4.3
164	11.2	8.0 12.0

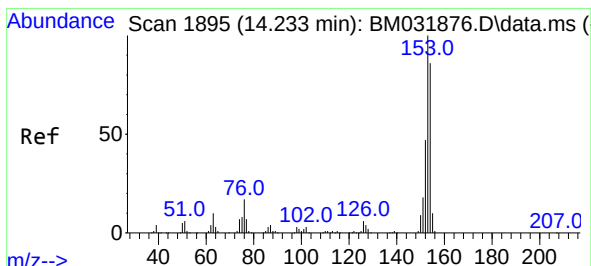
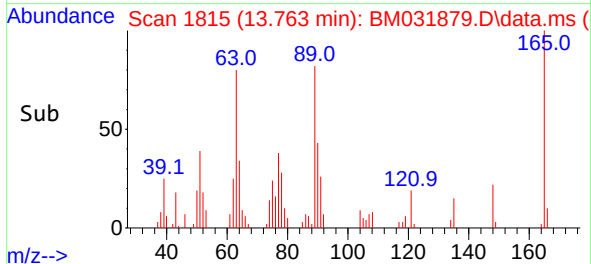
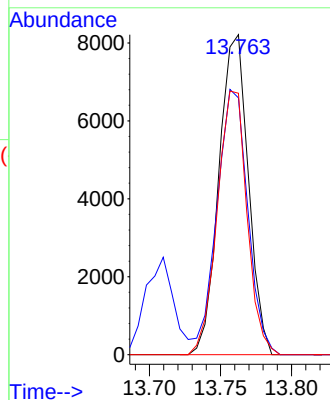
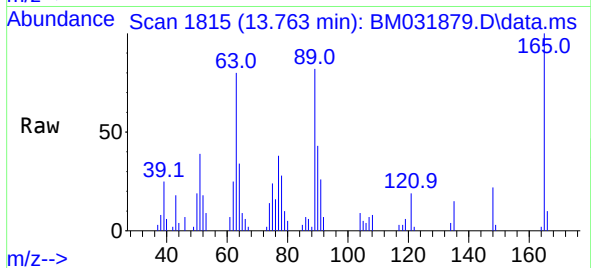




#51
2,6-Dinitrotoluene
Concen: 6.705 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

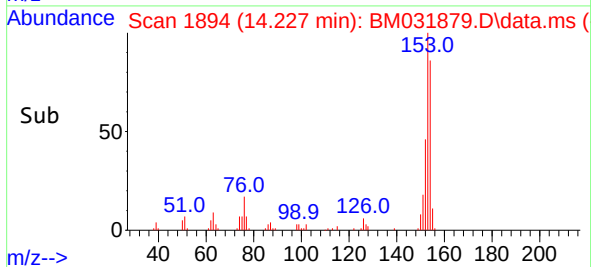
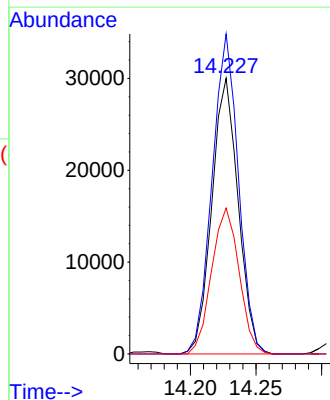
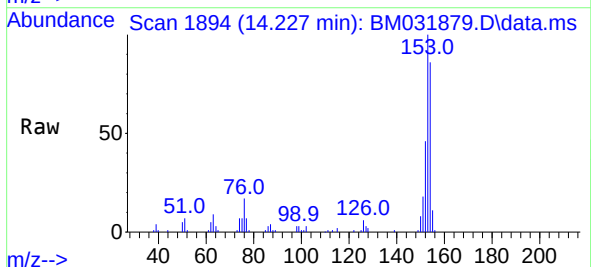
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

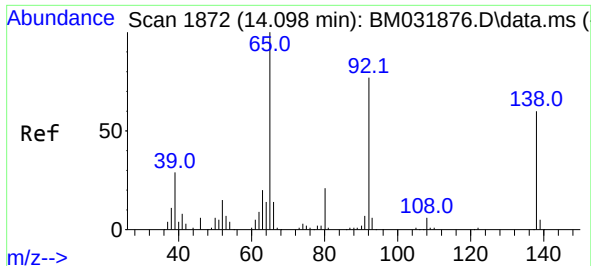
Tgt Ion:165 Resp: 11796
Ion Ratio Lower Upper
165 100
63 80.2 72.4 108.6
89 81.7 69.3 103.9



#52
Acenaphthene
Concen: 6.912 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:154 Resp: 41944
Ion Ratio Lower Upper
154 100
153 116.1 92.4 138.6
152 53.0 43.7 65.5

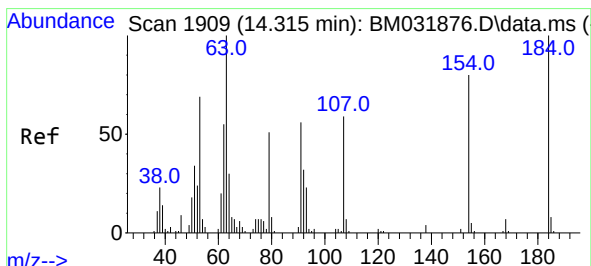
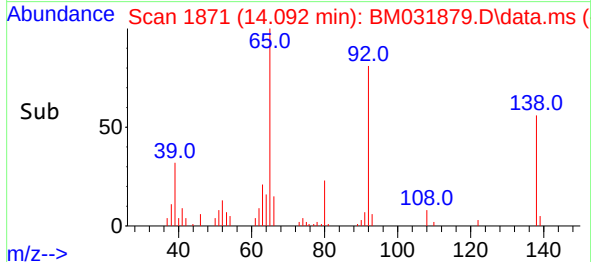
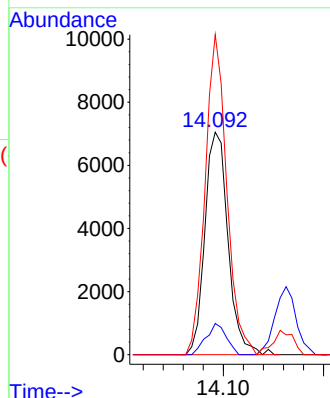
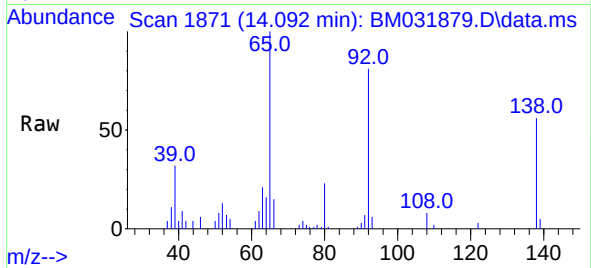




#53
3-Nitroaniline
Concen: 6.578 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

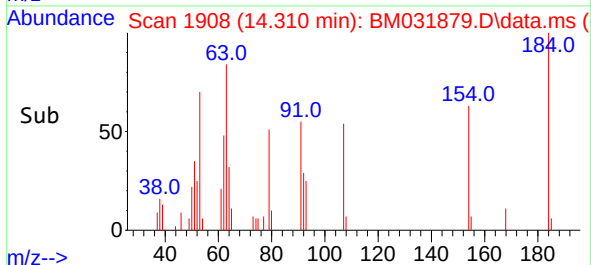
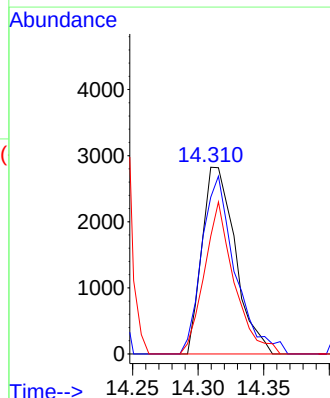
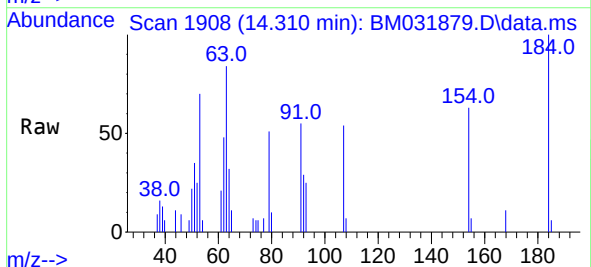
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

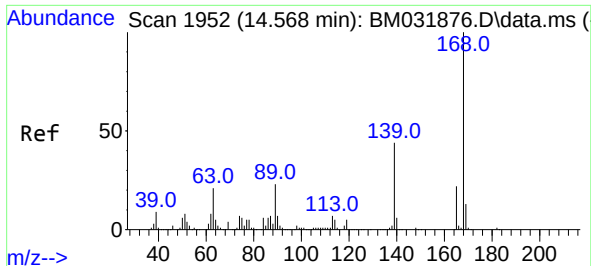
Tgt Ion:138 Resp: 11329
Ion Ratio Lower Upper
138 100
108 14.0 8.3 12.5#
92 143.8 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 5.084 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:184 Resp: 4995
Ion Ratio Lower Upper
184 100
63 84.0 93.8 140.6#
154 63.1 64.0 96.0#

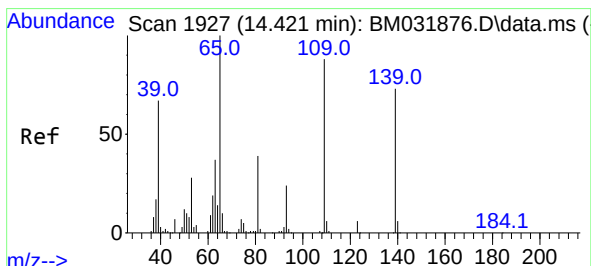
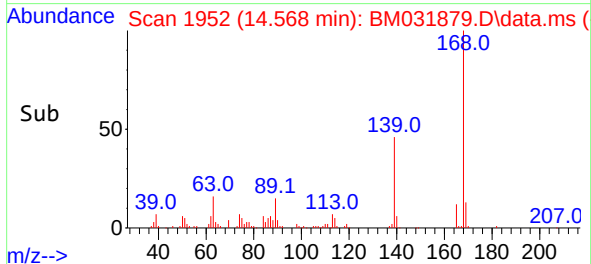
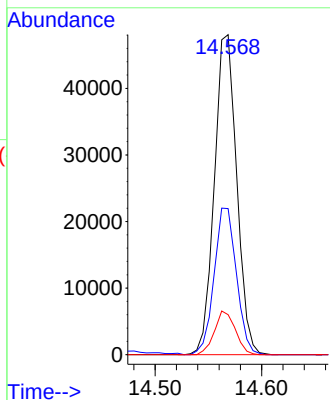
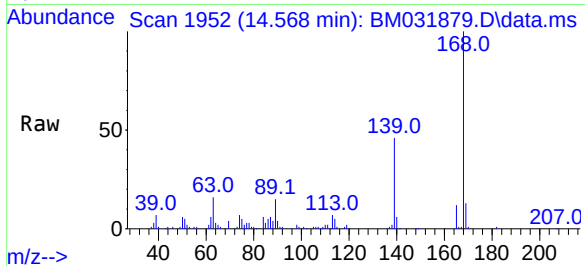




#55
Dibenzofuran
Concen: 6.953 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

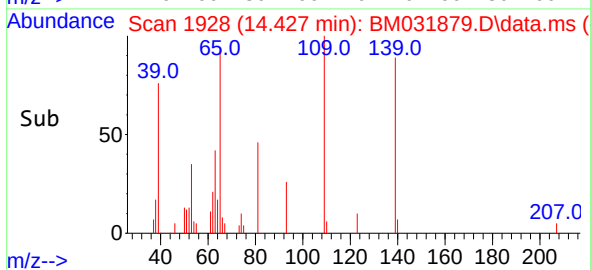
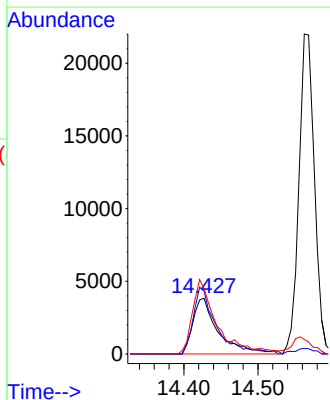
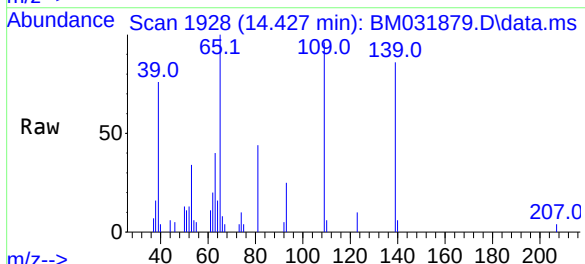
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

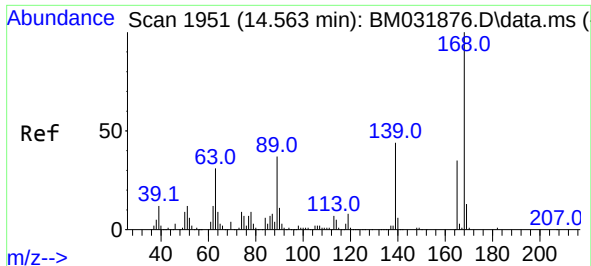
Tgt Ion:	168	Resp:	69860
Ion Ratio	Lower	Upper	
168	100		
139	45.7	35.0	52.4
169	12.5	10.8	16.2



#56
4-Nitrophenol
Concen: 6.417 ng
RT: 14.427 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	139	Resp:	9102
Ion Ratio	Lower	Upper	
139	100		
109	112.5	92.3	132.3
65	116.7	110.5	150.5

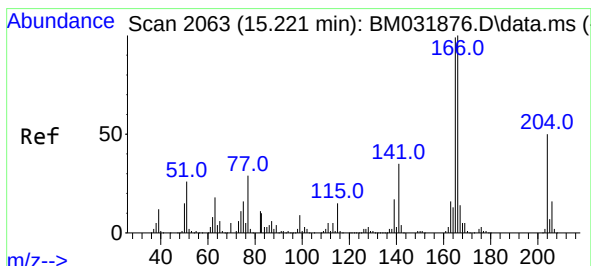
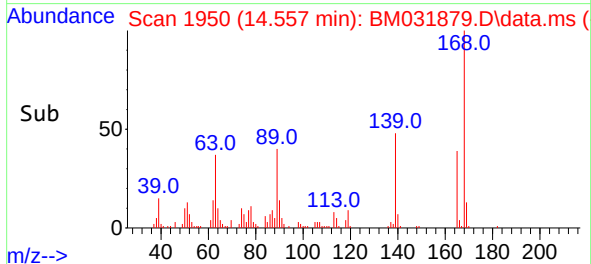
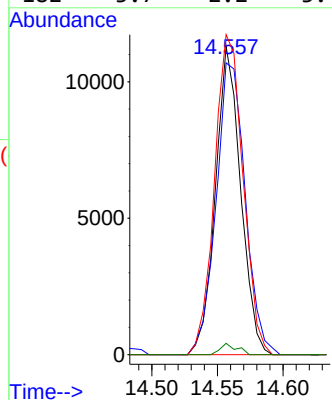
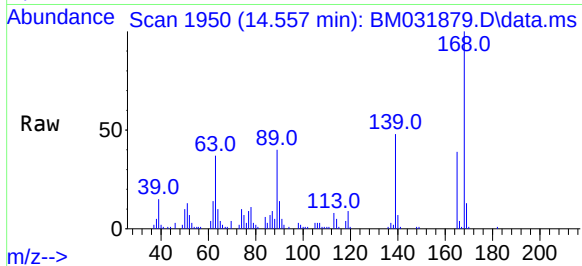




#57
2,4-Dinitrotoluene
Concen: 6.169 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

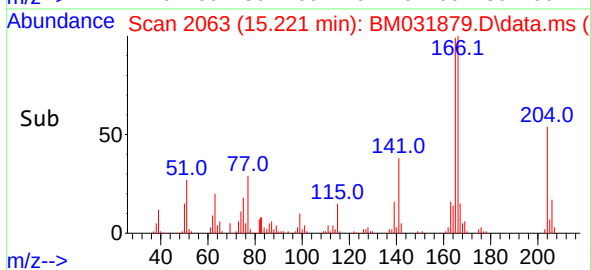
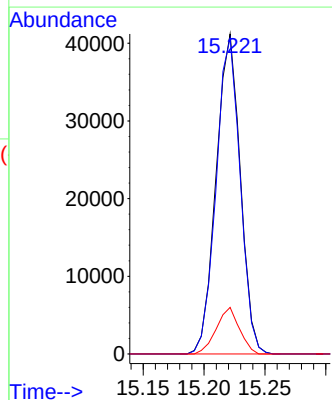
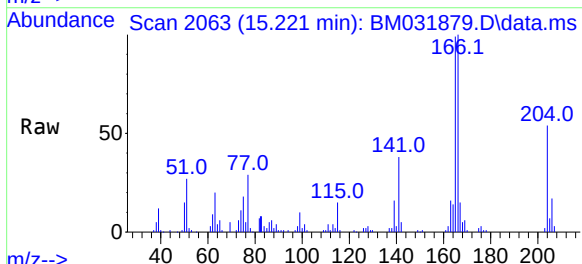
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

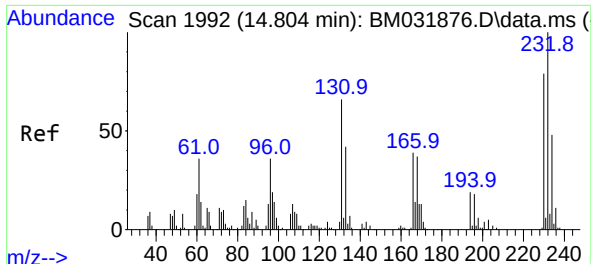
Tgt Ion:165	Resp:	15109
Ion Ratio	Lower	Upper
165	100	
63	94.7	70.3 105.5
89	103.8	83.1 124.7
182	3.7	2.2 3.4#



#58
Fluorene
Concen: 6.914 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:166	Resp:	56908
Ion Ratio	Lower	Upper
166	100	
165	98.7	79.3 118.9
167	14.5	10.6 16.0



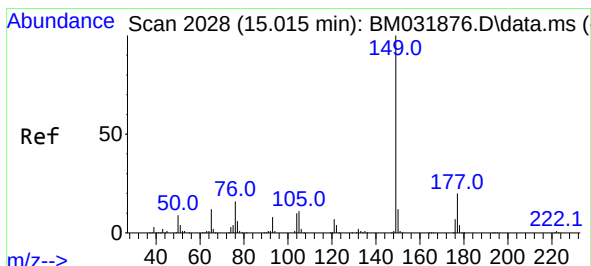
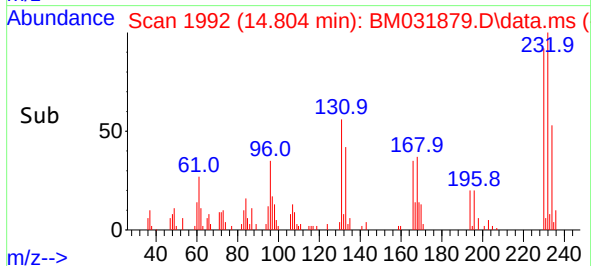
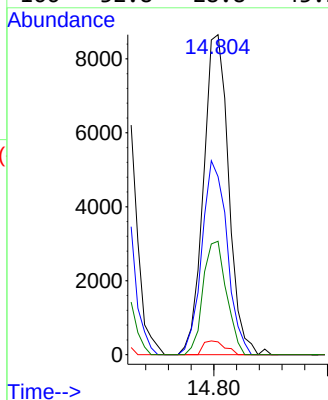
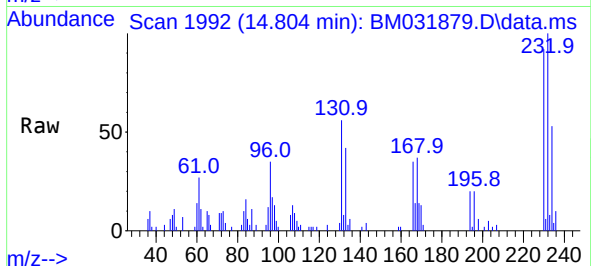


#59
2,3,4,6-Tetrachlorophenol
Concen: 6.943 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion:232 Resp: 13356

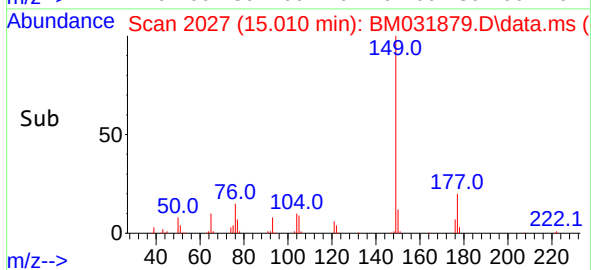
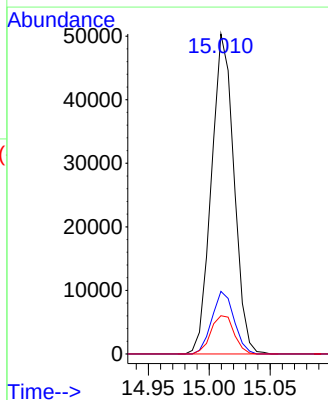
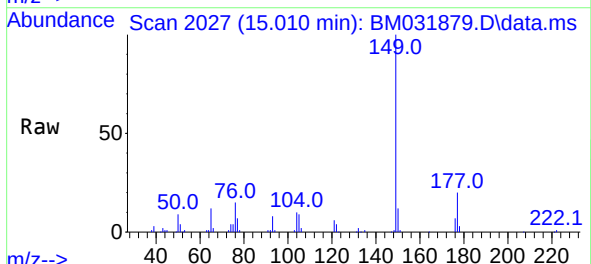
Ion	Ratio	Lower	Upper
232	100		
131	60.7	50.6	75.8
130	3.7	3.0	4.4
166	32.8	28.8	43.2

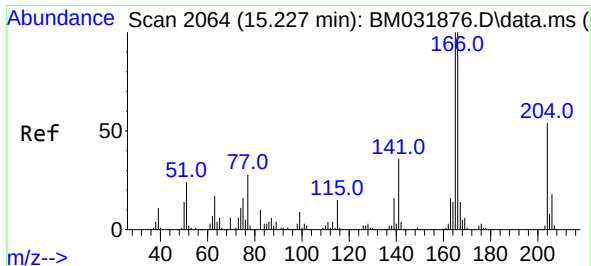


#60
Diethylphthalate
Concen: 7.377 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:149 Resp: 64779

Ion	Ratio	Lower	Upper
149	100		
177	19.5	15.7	23.5
150	12.0	9.6	14.4

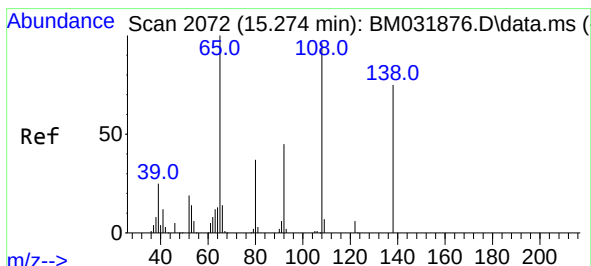
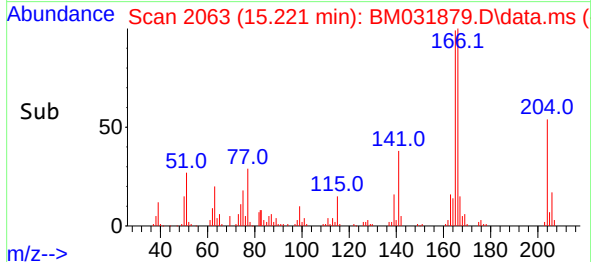
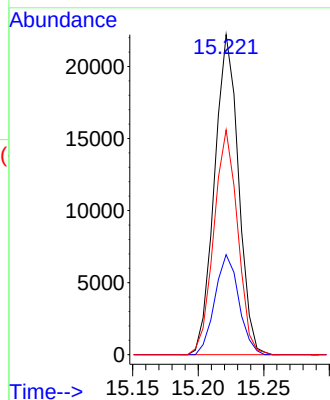
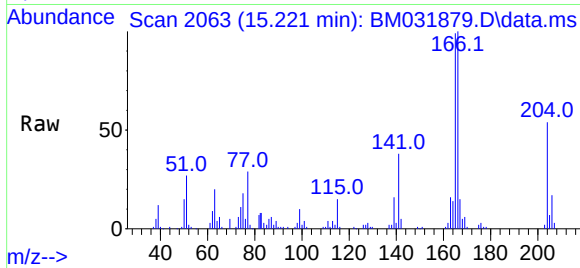




#61
4-Chlorophenyl-phenylether
Concen: 7.154 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

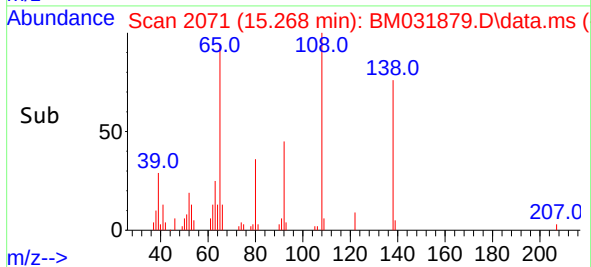
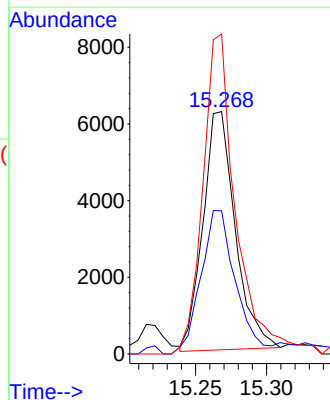
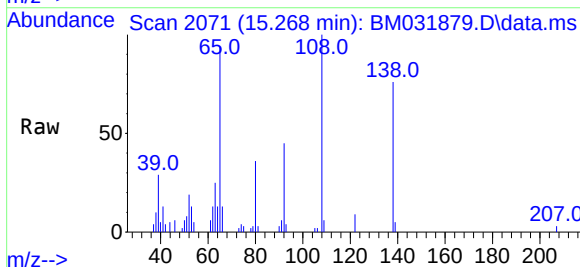
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

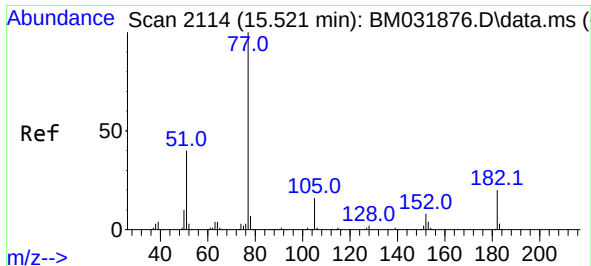
Tgt Ion:204 Resp: 28216
Ion Ratio Lower Upper
204 100
206 31.3 26.7 40.1
141 70.3 55.8 83.8



#62
4-Nitroaniline
Concen: 6.027 ng
RT: 15.268 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:138 Resp: 9874
Ion Ratio Lower Upper
138 100
92 59.1 40.6 80.6
108 132.0 103.8 143.8

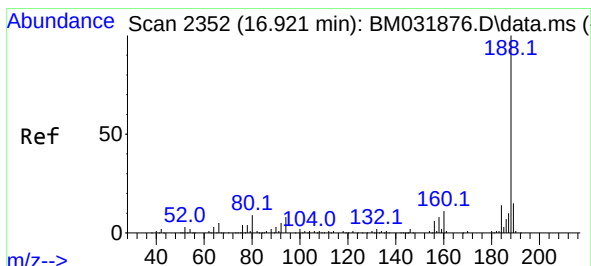
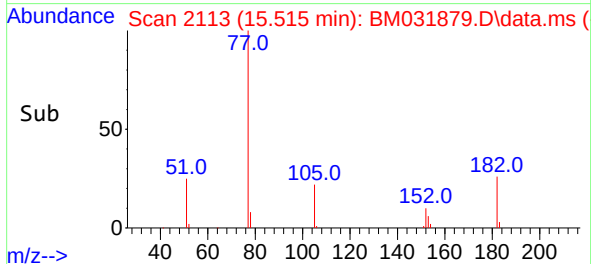
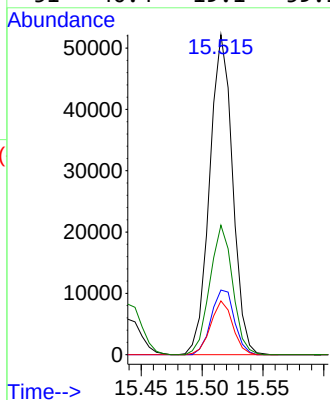
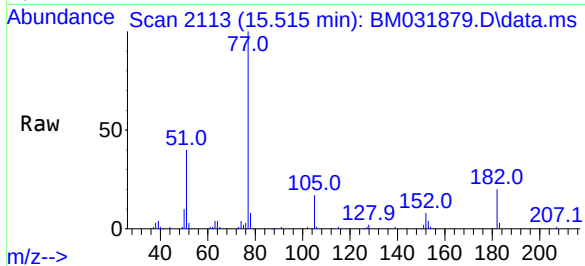




#63
Azobenzene
Concen: 6.755 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

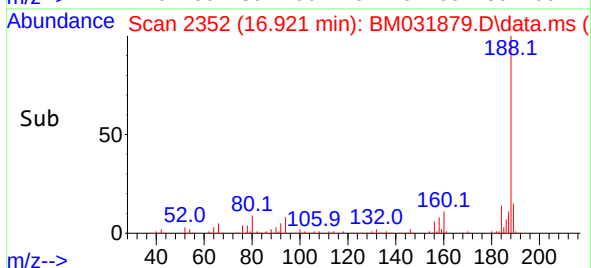
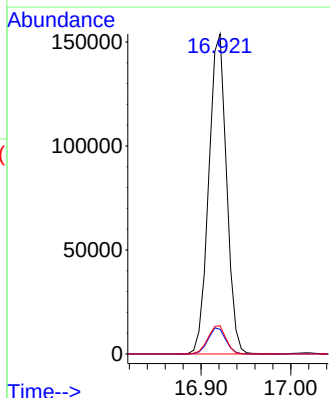
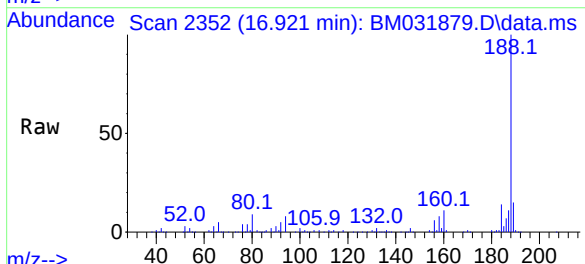
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

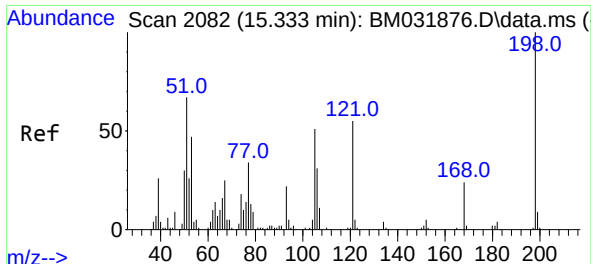
Tgt Ion: 77	Resp: 68383
Ion Ratio	Lower Upper
77 100	
182 20.2	0.0 39.3
105 16.8	0.0 36.1
51 40.4	19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion: 188	Resp: 211639
Ion Ratio	Lower Upper
188 100	
94 7.7	6.3 9.5
80 8.9	7.3 10.9

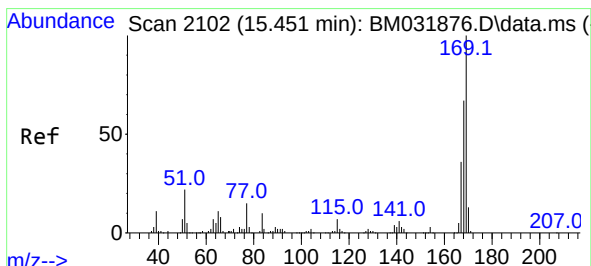
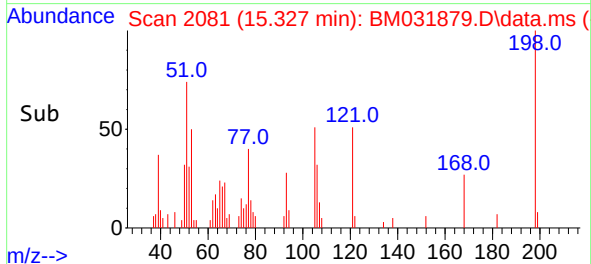
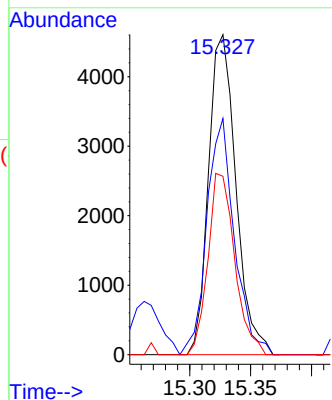
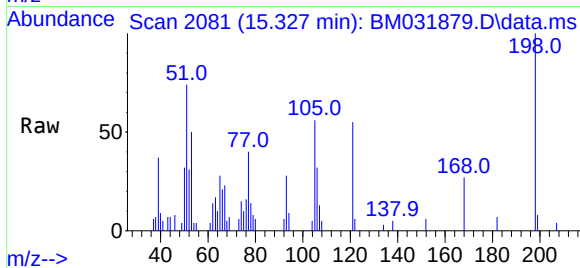




#65
4,6-Dinitro-2-methylphenol
Concen: 4.903 ng
RT: 15.327 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

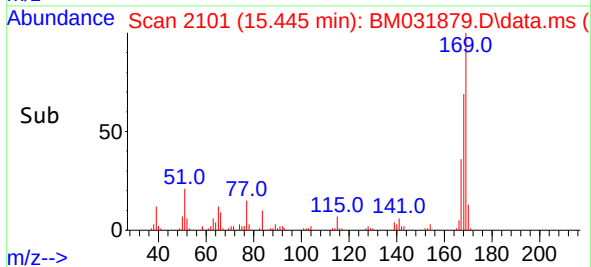
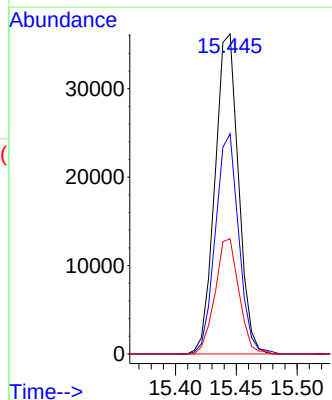
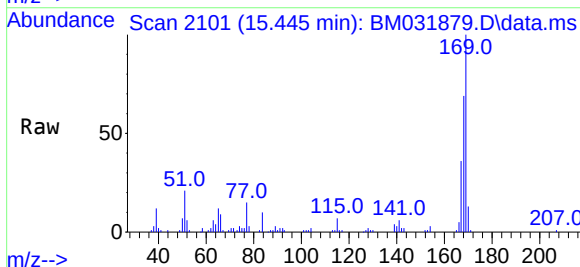
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

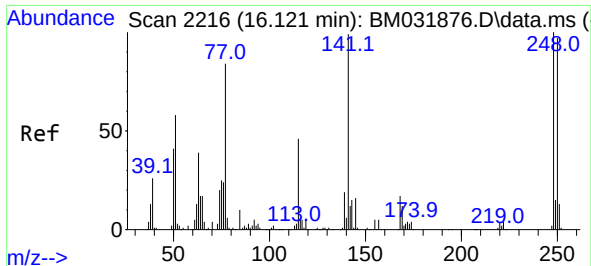
Tgt Ion:198	Resp:	7227
Ion	Ratio	Lower Upper
198	100	
51	73.8	49.7 89.7
105	55.8	34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 6.820 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:169	Resp:	48739
Ion	Ratio	Lower Upper
169	100	
168	68.8	55.0 82.4
167	36.0	29.8 44.8

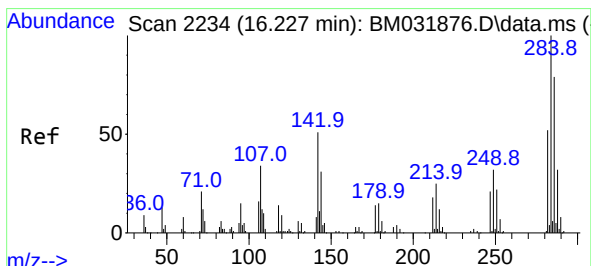
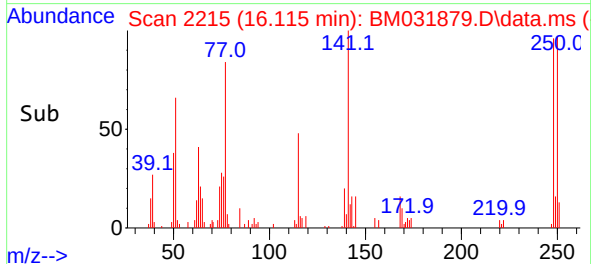
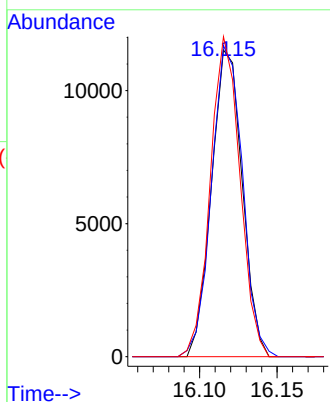
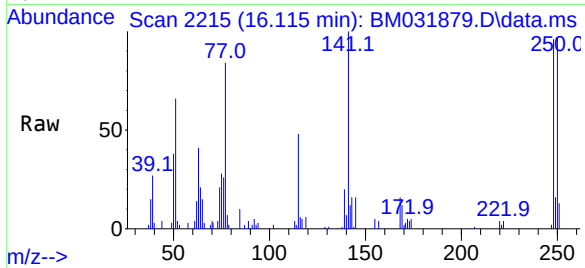




#67
4-Bromophenyl-phenylether
Concen: 6.916 ng
RT: 16.115 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

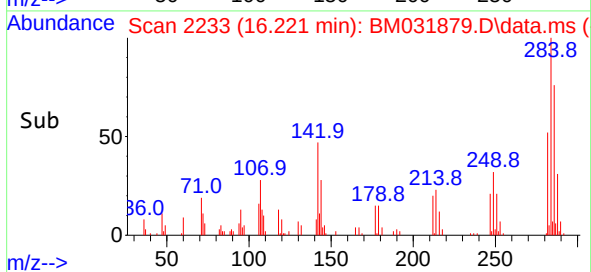
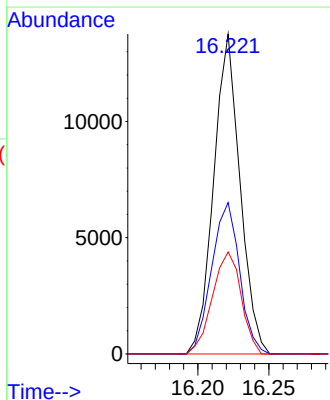
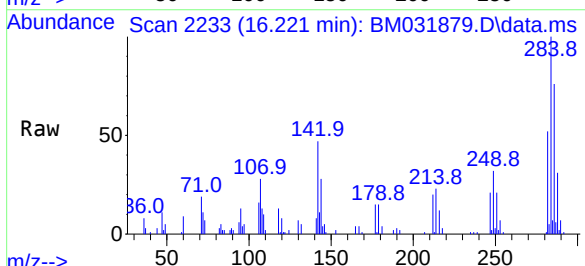
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

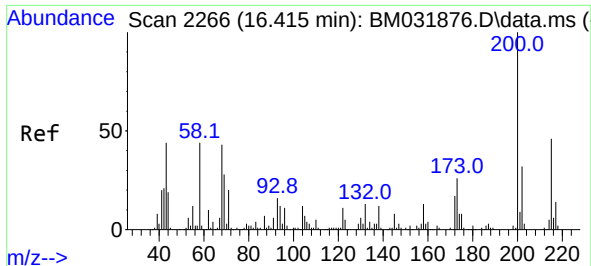
Tgt Ion:248 Resp: 15897
Ion Ratio Lower Upper
248 100
250 101.4 77.4 116.2
141 104.3 74.1 111.1



#68
Hexachlorobenzene
Concen: 7.295 ng
RT: 16.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:284 Resp: 17745
Ion Ratio Lower Upper
284 100
142 47.3 43.0 64.6
249 31.9 27.6 41.4

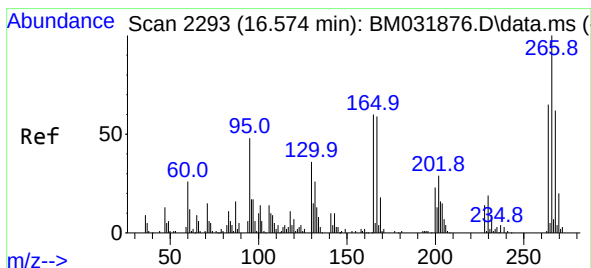
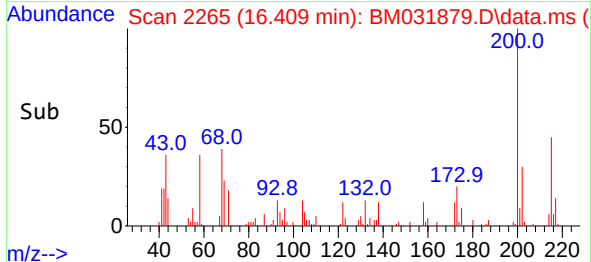
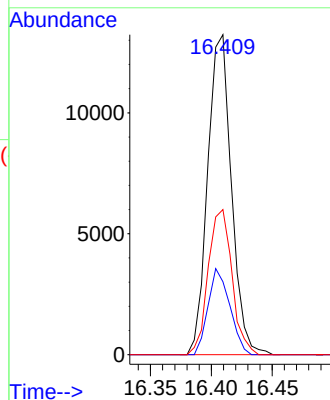
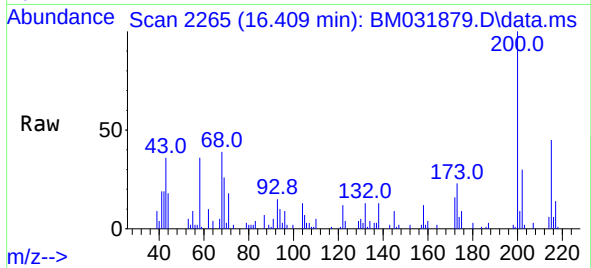




#69
Atrazine
Concen: 7.534 ng
RT: 16.409 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

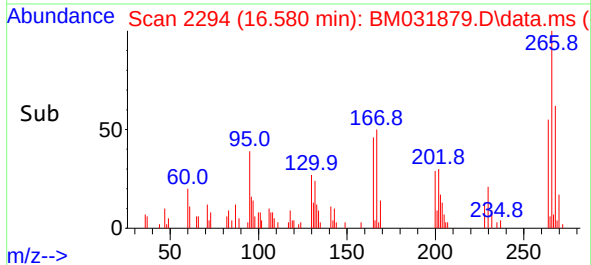
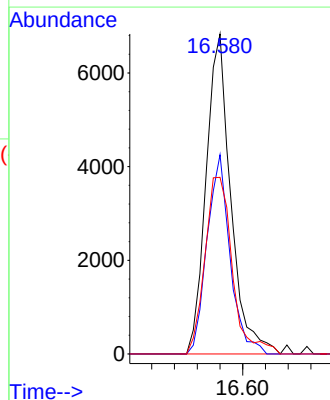
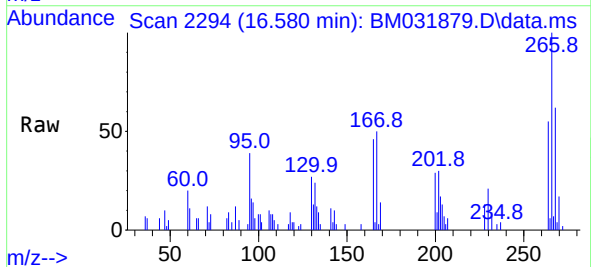
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

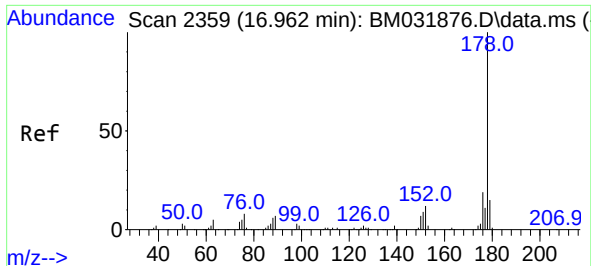
Tgt Ion:	200	Resp:	17997
Ion Ratio	Lower	Upper	
200	100		
173	22.8	5.8	45.8
215	45.4	23.6	63.6



#70
Pentachlorophenol
Concen: 6.460 ng
RT: 16.580 min Scan# 2294
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	266	Resp:	10278
Ion Ratio	Lower	Upper	
266	100		
268	62.3	50.3	75.5
264	55.2	52.1	78.1

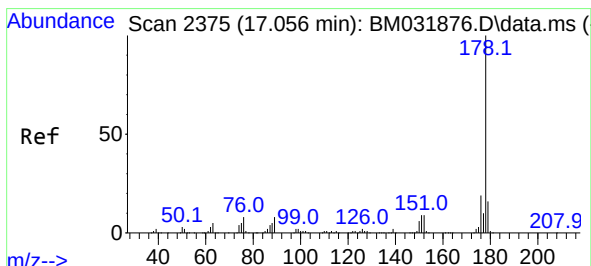
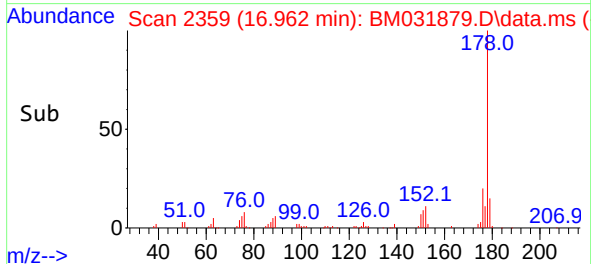
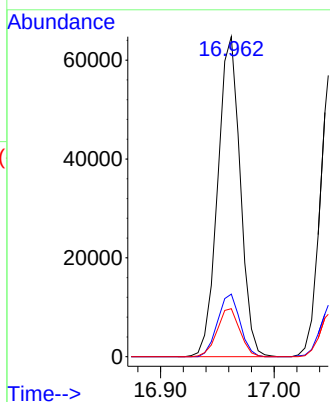
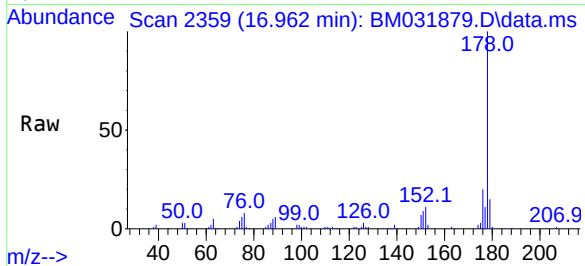




#71
Phenanthrene
Concen: 6.979 ng
RT: 16.962 min Scan# 2359
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

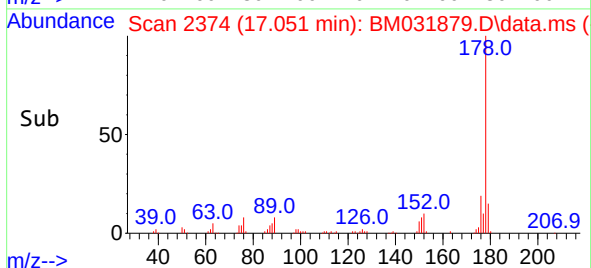
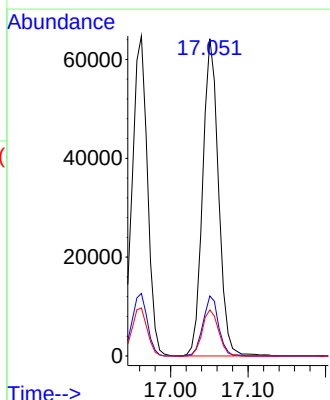
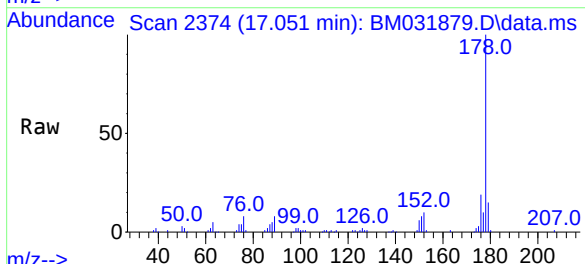
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

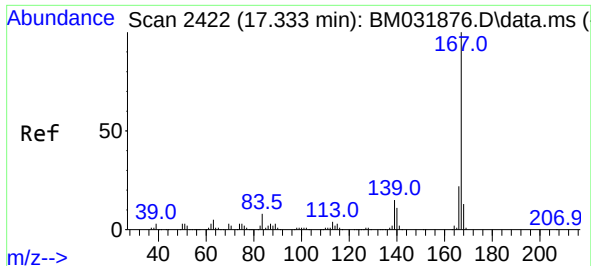
Tgt Ion:178	Resp:	88960
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.6 23.4
179	15.0	12.4 18.6



#72
Anthracene
Concen: 7.255 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

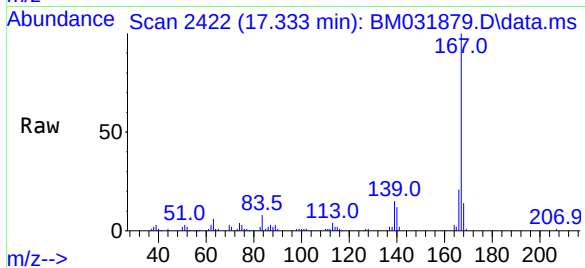
Tgt Ion:178	Resp:	90970
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.8 22.2
179	14.5	12.3 18.5



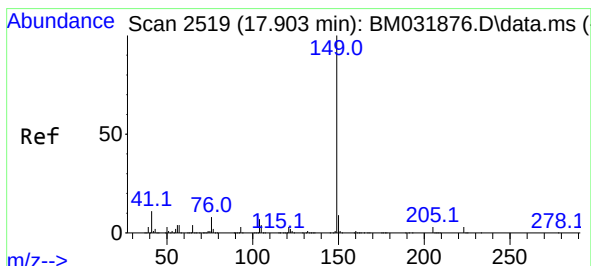
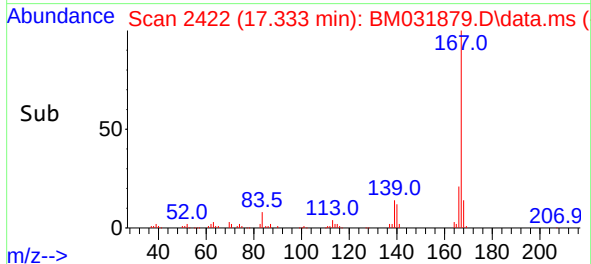
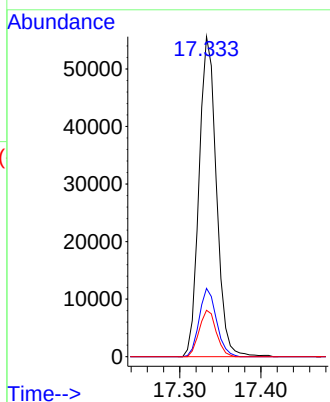


#73
 Carbazole
 Concen: 6.834 ng
 RT: 17.333 min Scan# 2422
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

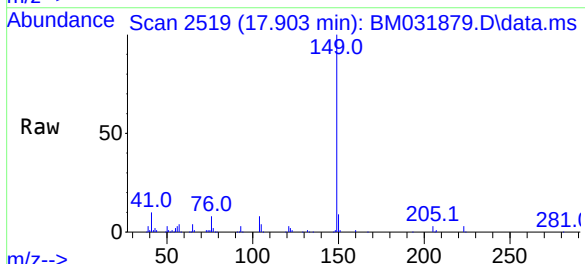
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



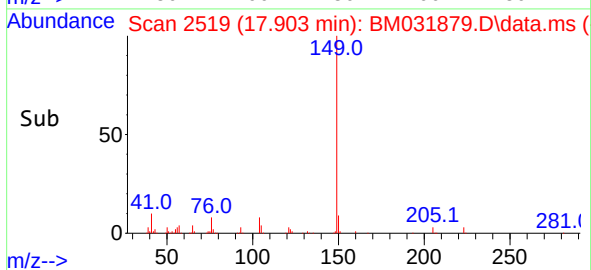
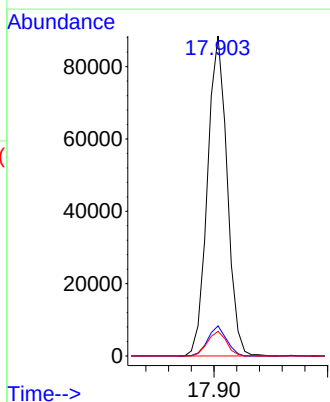
Tgt Ion:167	Resp:	82425
Ion	Ratio	Lower Upper
167	100	
166	21.3	17.4 26.0
139	14.5	11.9 17.9

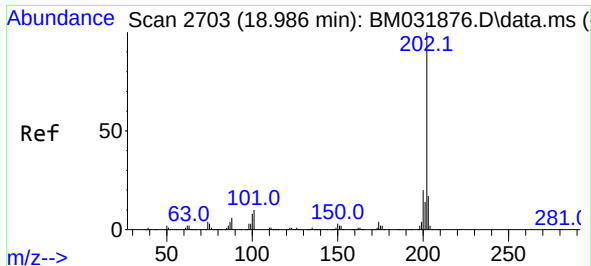


#74
 Di-n-butylphthalate
 Concen: 6.607 ng
 RT: 17.903 min Scan# 2519
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51



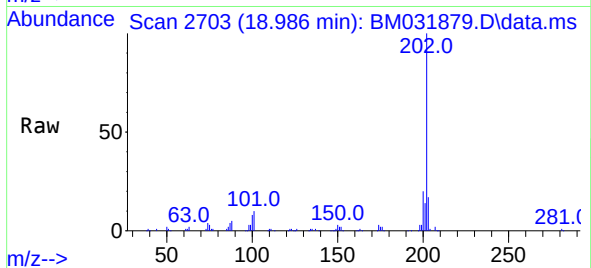
Tgt Ion:149	Resp:	106157
Ion	Ratio	Lower Upper
149	100	
150	9.4	7.3 10.9
104	7.7	5.6 8.4



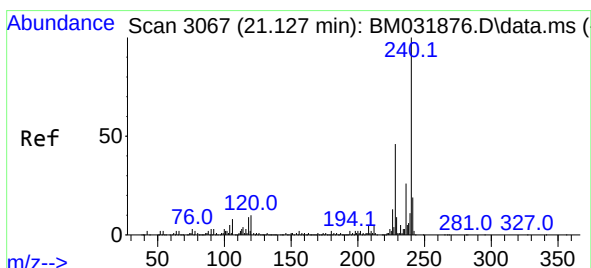
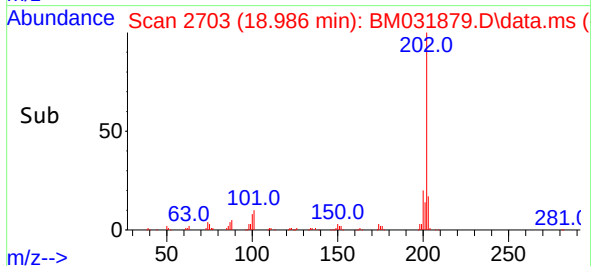
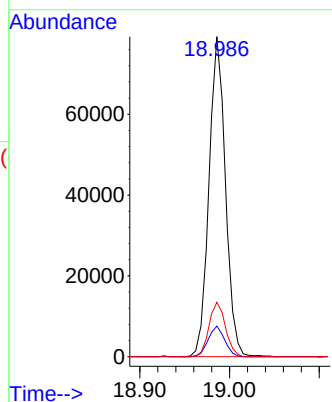


#75
Fluoranthene
Concen: 7.124 ng
RT: 18.986 min Scan# 2703
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

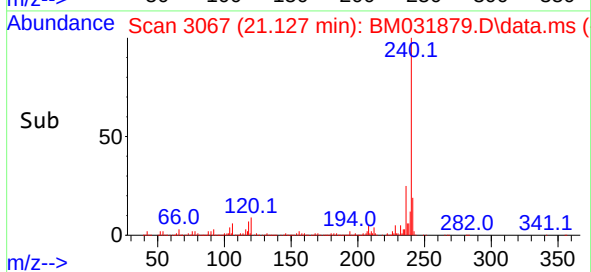
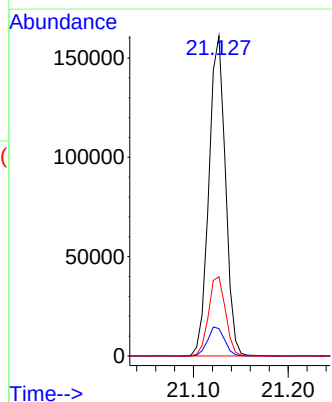
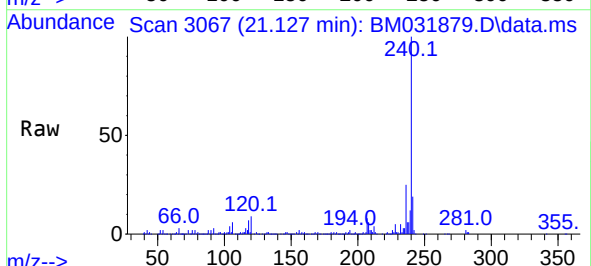


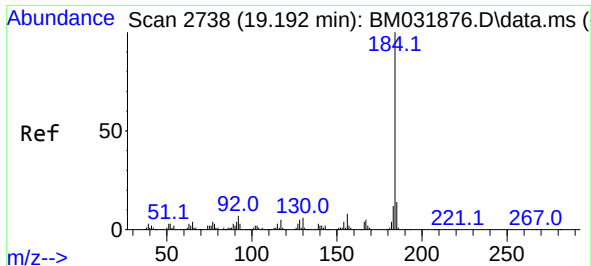
Tgt Ion:202 Resp: 100940
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.9
203 17.0 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:240 Resp: 194657
Ion Ratio Lower Upper
240 100
120 8.5 7.8 11.6
236 24.7 20.9 31.3

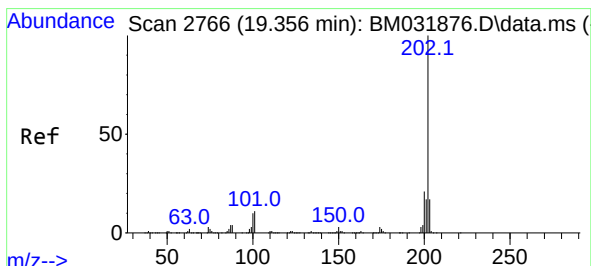
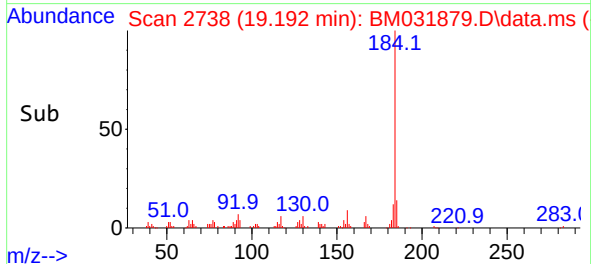
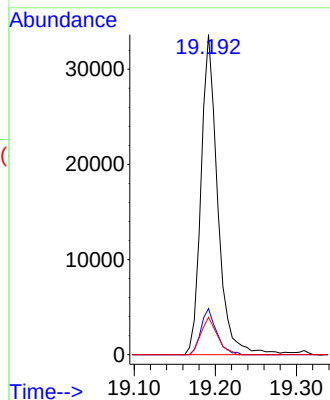
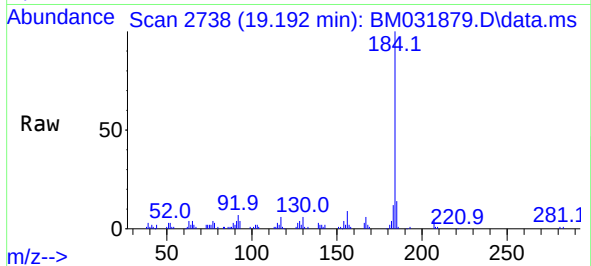




#77
Benzidine
Concen: 9.637 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

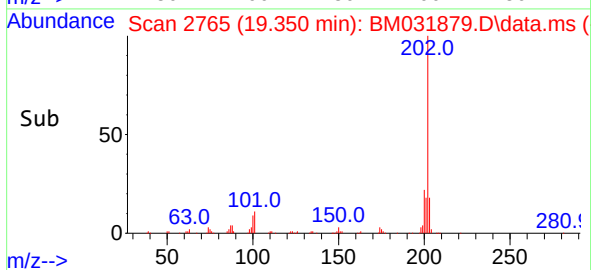
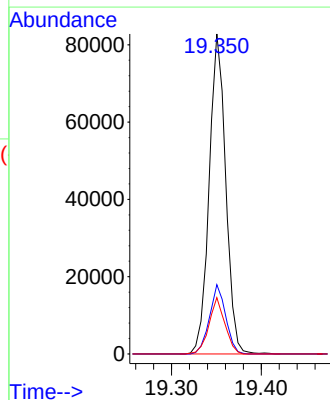
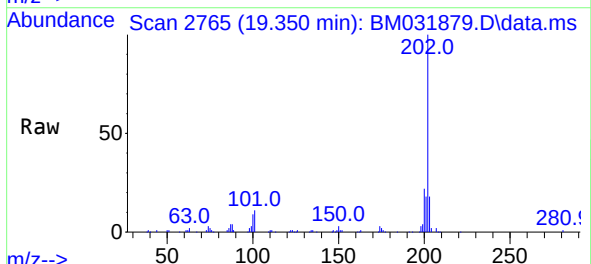
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

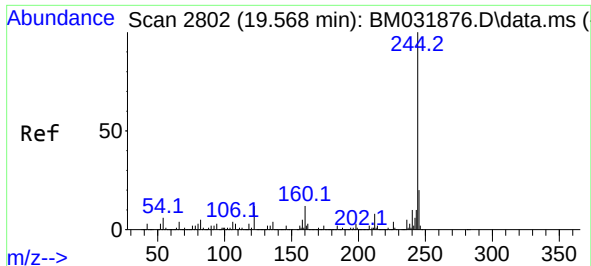
Tgt Ion:184	Resp:	47971
Ion	Ratio	Lower Upper
184	100	
185	14.4	10.6 16.0
183	11.7	9.0 13.4



#78
Pyrene
Concen: 6.799 ng
RT: 19.350 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:202	Resp:	106040
Ion	Ratio	Lower Upper
202	100	
200	21.7	16.6 25.0
203	17.6	13.7 20.5



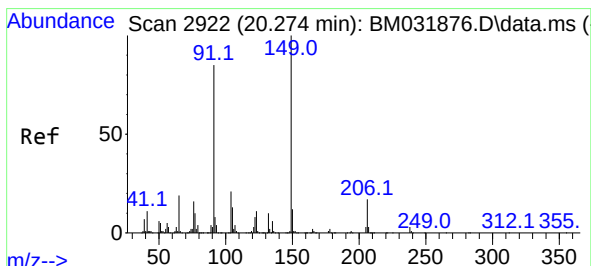
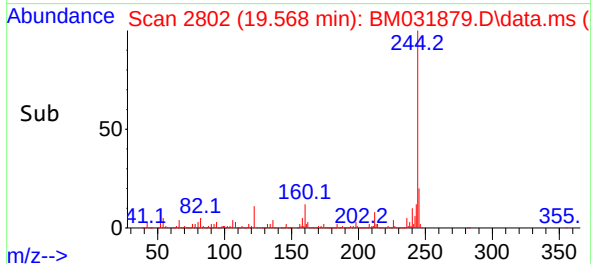
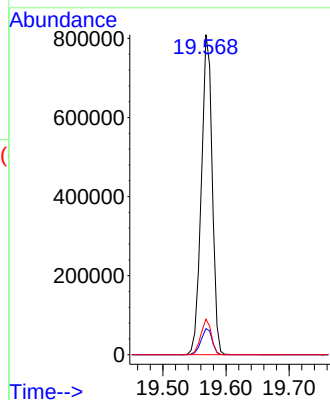
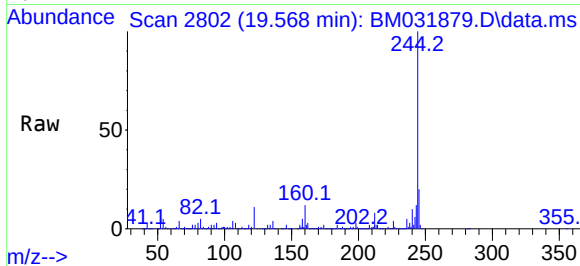


#79
 Terphenyl-d14
 Concen: 74.711 ng
 RT: 19.568 min Scan# 2802
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

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

Tgt Ion:244 Resp: 966670

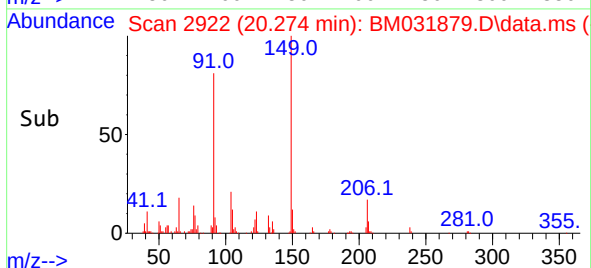
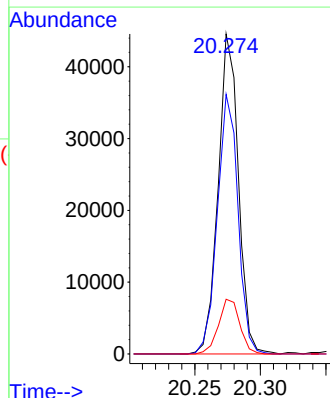
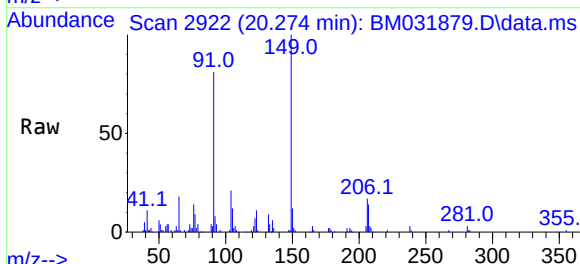
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	11.1	8.7	13.1

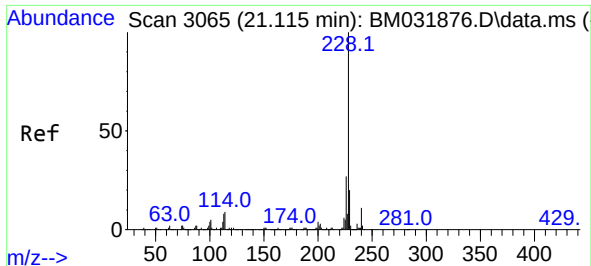


#80
 Butylbenzylphthalate
 Concen: 6.208 ng
 RT: 20.274 min Scan# 2922
 Delta R.T. -0.006 min
 Lab File: BM031879.D
 Acq: 24 Aug 2021 10:51

Tgt Ion:149 Resp: 47736

Ion	Ratio	Lower	Upper
149	100		
91	81.1	64.0	96.0
206	17.1	14.4	21.6

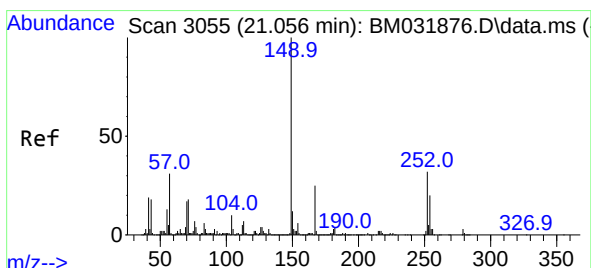
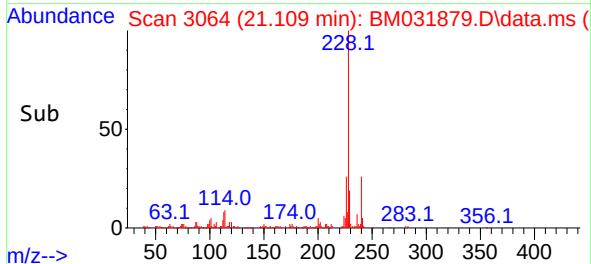
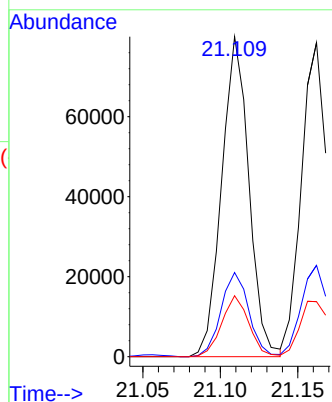
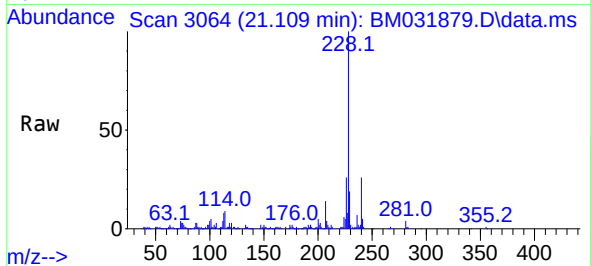




#81
Benzo(a)anthracene
Concen: 6.845 ng
RT: 21.109 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

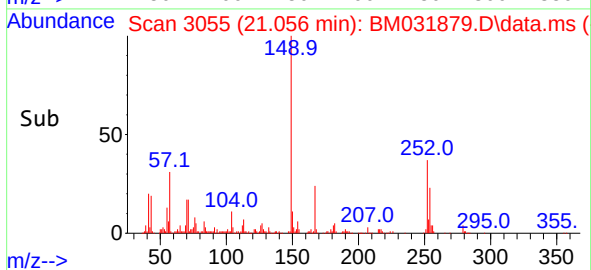
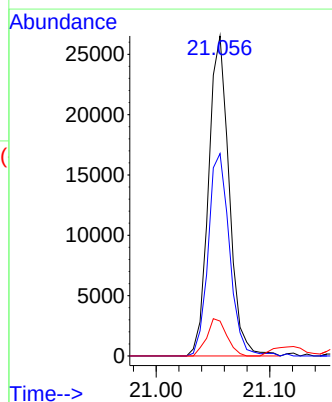
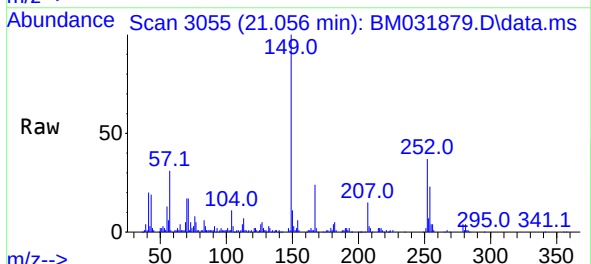
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

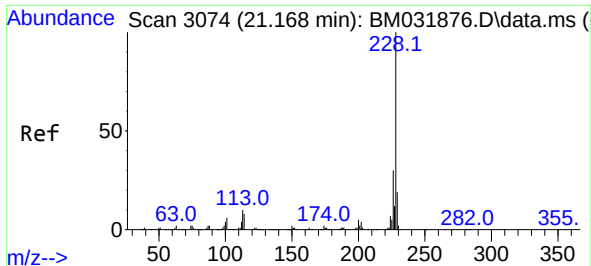
Tgt Ion:	228	Resp:	97691
Ion Ratio	Lower	Upper	
228	100		
226	26.3	21.4	32.2
229	19.1	15.3	22.9



#82
3,3'-Dichlorobenzidine
Concen: 7.910 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	252	Resp:	33416
Ion Ratio	Lower	Upper	
252	100		
254	63.3	51.6	77.4
126	10.9	9.7	14.5

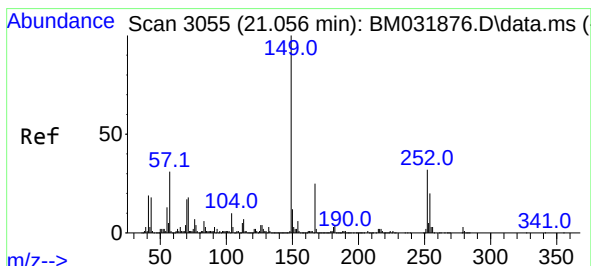
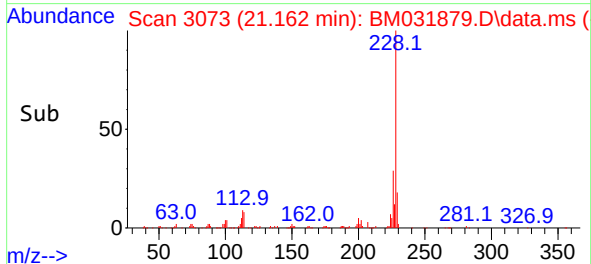
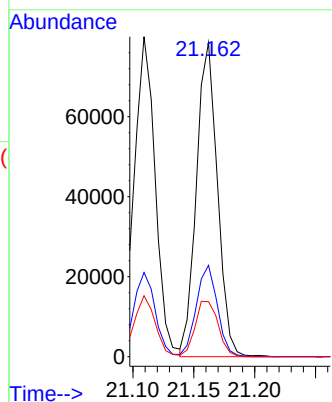
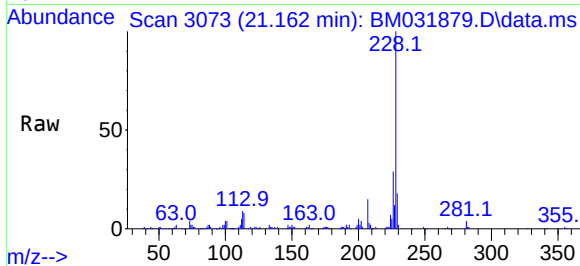




#83
Chrysene
Concen: 6.867 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

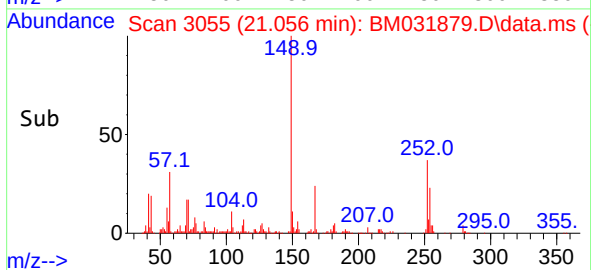
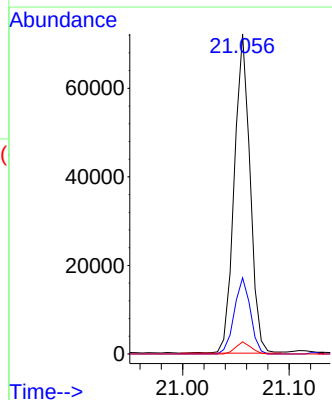
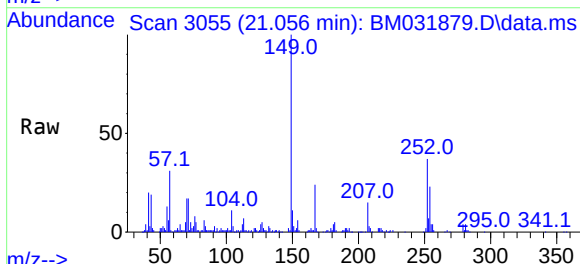
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

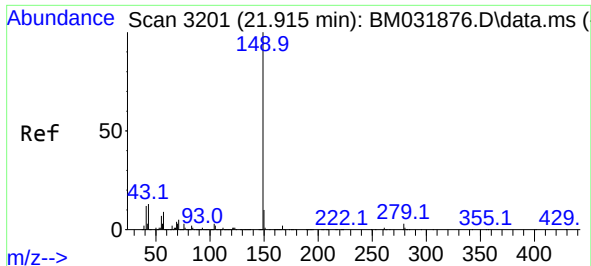
Tgt Ion:228	Resp:	94315
Ion Ratio	Lower	Upper
228	100	
226	29.1	24.0 36.0
229	17.5	16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.221 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:149	Resp:	74438
Ion Ratio	Lower	Upper
149	100	
167	23.8	19.7 29.5
279	3.8	2.6 4.0

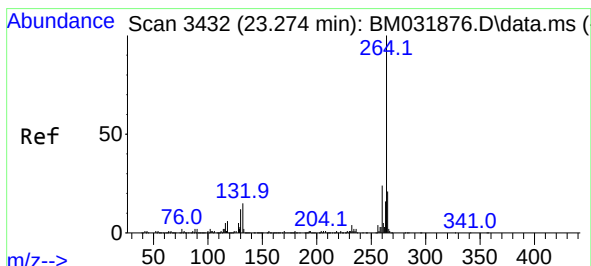
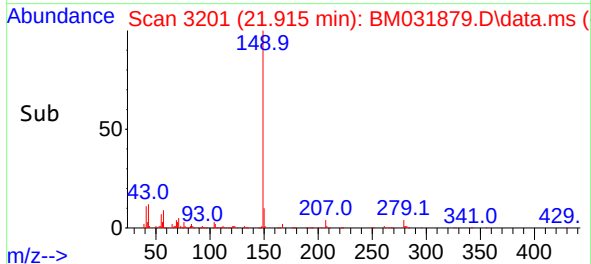
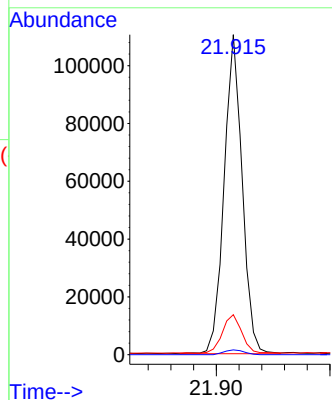
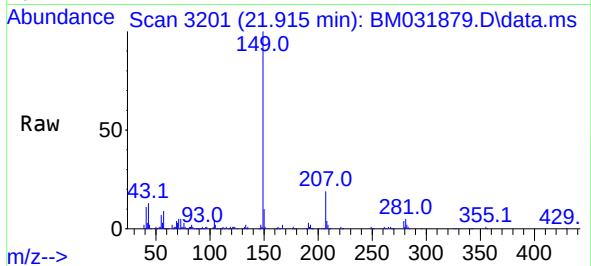




#85
Di-n-octyl phthalate
Concen: 6.370 ng
RT: 21.915 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

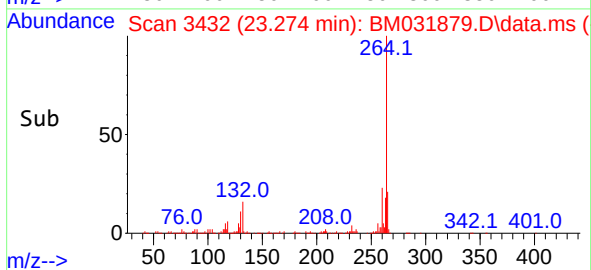
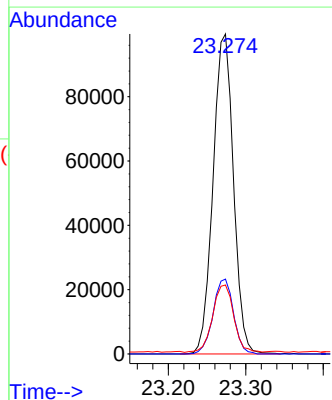
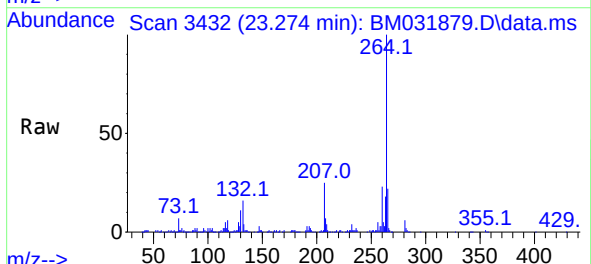
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

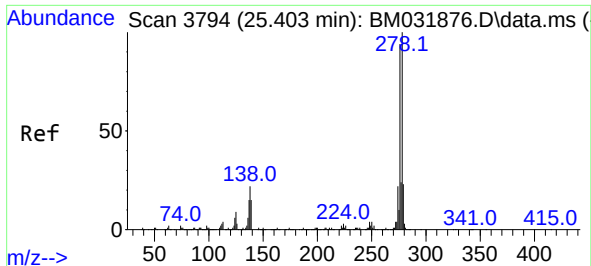
Tgt Ion:149 Resp: 121941
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.8 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. -0.000 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:264 Resp: 181836
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 21.6 18.3 27.5

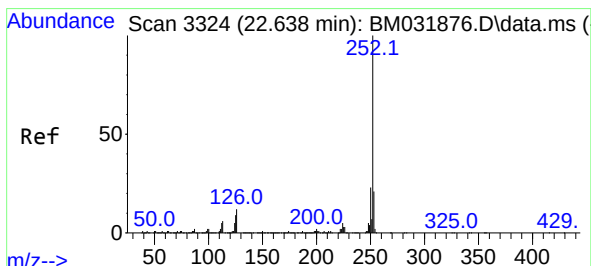
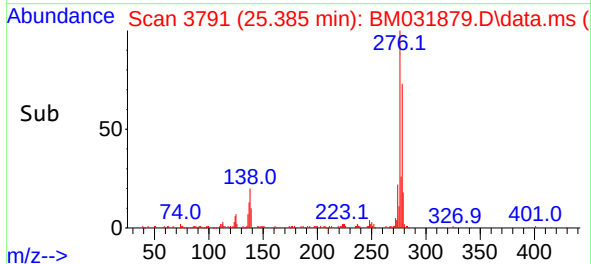
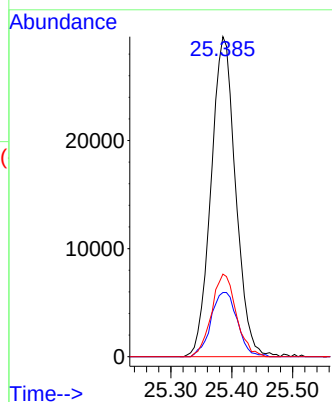
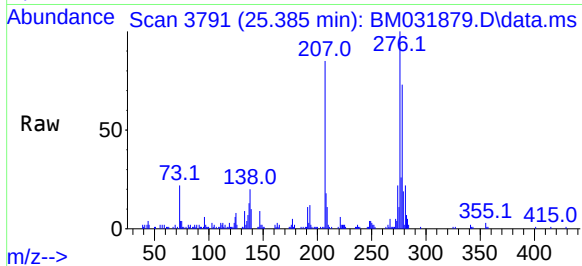




#87
Indeno(1,2,3-cd)pyrene
Concen: 5.870 ng
RT: 25.385 min Scan# 3791
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

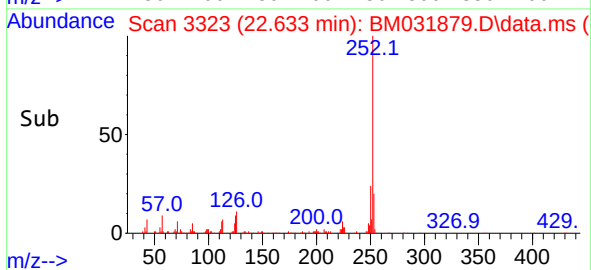
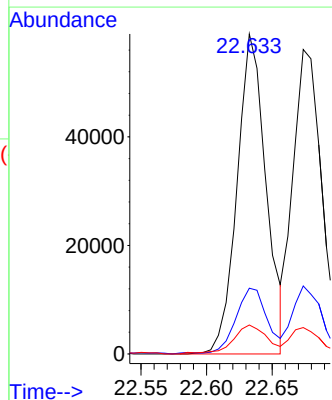
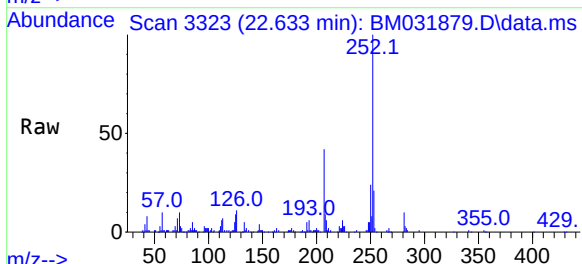
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

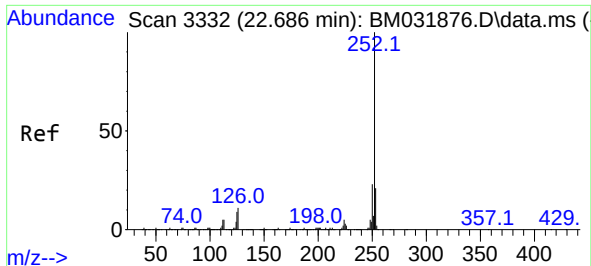
Tgt Ion:	276	Resp:	82867
Ion Ratio	Lower	Upper	
276	100		
138	21.6	18.4	27.6
277	26.0	20.1	30.1



#88
Benzo(b)fluoranthene
Concen: 6.779 ng
RT: 22.633 min Scan# 3323
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	252	Resp:	90792
Ion Ratio	Lower	Upper	
252	100		
253	20.6	18.0	27.0
125	9.0	7.5	11.3

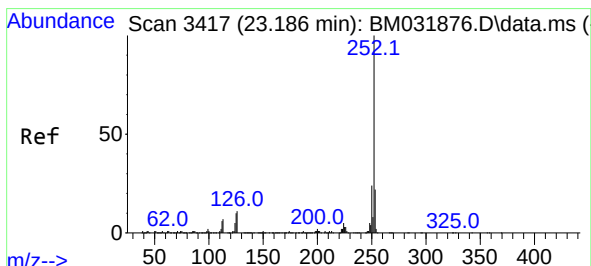
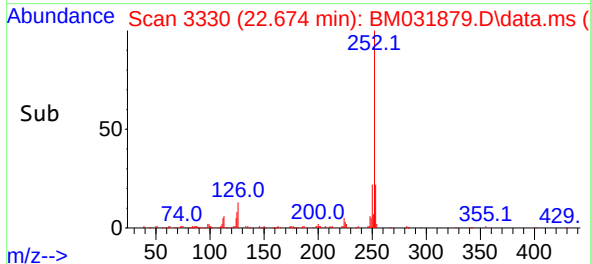
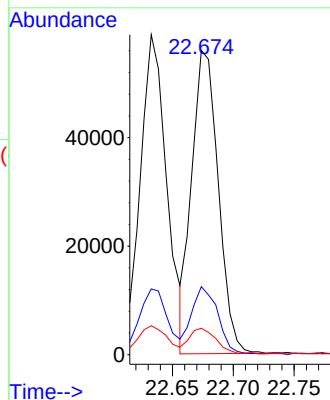
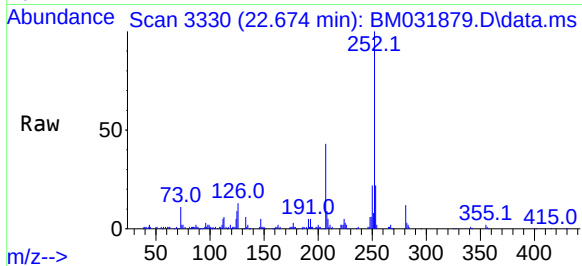




#89
Benzo(k)fluoranthene
Concen: 6.566 ng
RT: 22.674 min Scan# 3330
Delta R.T. -0.006 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

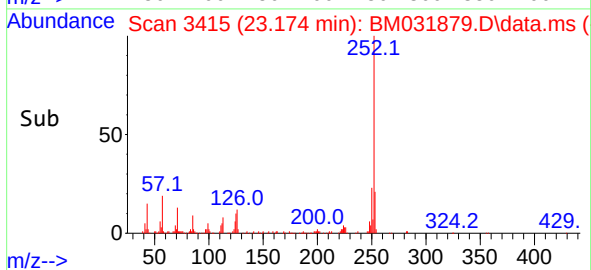
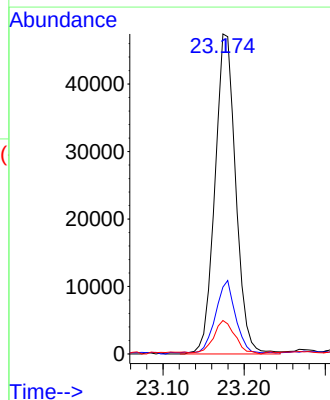
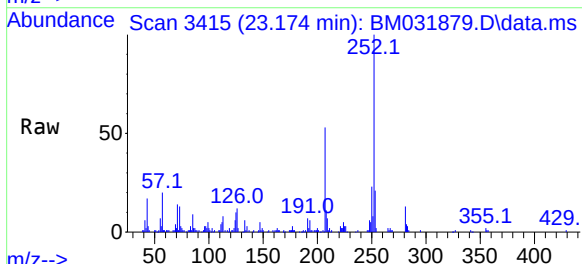
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

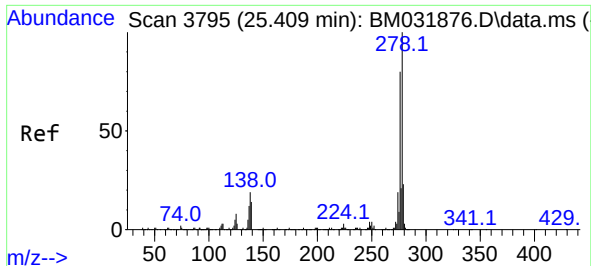
Tgt Ion:252	Resp:	84633
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.3 25.9
125	8.7	7.5 11.3



#90
Benzo(a)pyrene
Concen: 7.028 ng
RT: 23.174 min Scan# 3415
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:252	Resp:	84509
Ion Ratio	Lower	Upper
252	100	
253	20.9	17.4 26.2
125	10.4	8.1 12.1

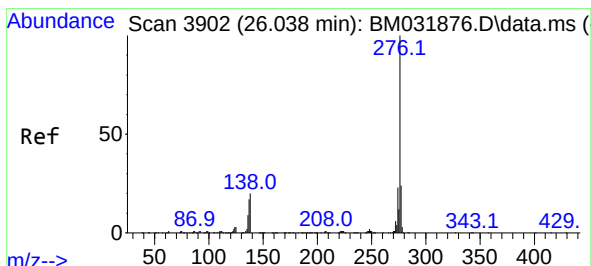
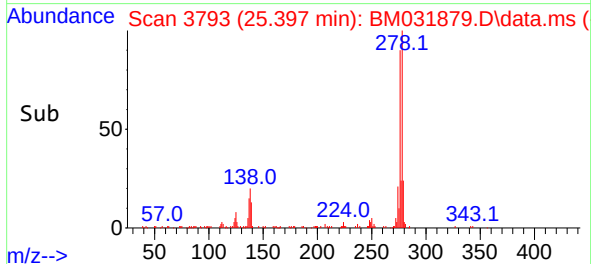
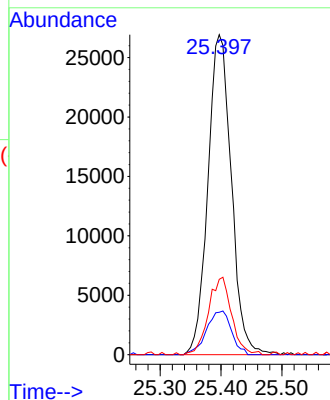
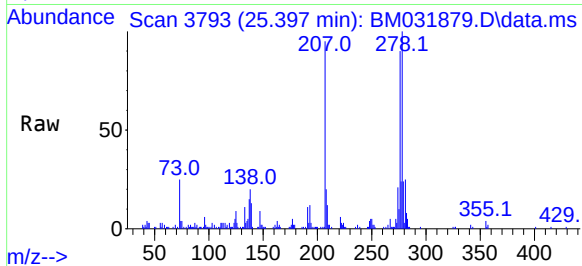




#91
Dibenzo(a,h)anthracene
Concen: 5.841 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

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

Tgt Ion:	278	Resp:	71990
Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.9	16.3
279	23.5	18.2	27.2



#92
Benzo(g,h,i)perylene
Concen: 5.835 ng
RT: 26.032 min Scan# 3901
Delta R.T. -0.012 min
Lab File: BM031879.D
Acq: 24 Aug 2021 10:51

Tgt Ion:	276	Resp:	66936
Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.4	29.0
138	20.2	14.6	22.0

