

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
 Data File : BM031903.D
 Acq On : 26 Aug 2021 00:23
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL-4ppm
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Quant Time: Aug 26 03:33:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 03:29:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	39536	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	166135	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	115778	20.000	ng	0.00
64) Phenanthrene-d10	16.916	188	255010	20.000	ng	0.00
76) Chrysene-d12	21.115	240	263793	20.000	ng	0.00
86) Perylene-d12	23.256	264	253148	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	242494	101.400	ng	0.00
7) Phenol-d6	6.716	99	336910	99.570	ng	0.00
23) Nitrobenzene-d5	8.675	82	342512	89.301	ng	0.00
42) 2,4,6-Tribromophenol	15.663	330	143235	104.661	ng	0.00
45) 2-Fluorobiphenyl	12.775	172	749370	85.393	ng	0.00
79) Terphenyl-d14	19.568	244	1693902	92.692	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	3467	3.556	ng	# 90
3) Pyridine	3.569	79	7042	2.893	ng	# 87
4) n-Nitrosodimethylamine	3.481	42	5991	3.623	ng	# 49
6) Aniline	6.869	93	13811	3.842	ng	99
8) 2-Chlorophenol	7.093	128	9282	3.334	ng	98
9) Benzaldehyde	6.687	77	10702	4.769	ng	97
10) Phenol	6.746	94	11389	3.404	ng	90
11) bis(2-Chloroethyl)ether	6.969	93	8386	3.436	ng	98
12) 1,3-Dichlorobenzene	7.410	146	10585	3.442	ng	99
13) 1,4-Dichlorobenzene	7.557	146	10864	3.448	ng	96
14) 1,2-Dichlorobenzene	7.863	146	10511	3.426	ng	98
15) Benzyl Alcohol	7.775	79	8998	3.117	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.040	45	11624	3.550	ng	94
17) 2-Methylphenol	7.969	107	7409	3.103	ng	100
18) Hexachloroethane	8.569	117	4501	3.448	ng	89
19) n-Nitroso-di-n-propyla...	8.328	70	7907	3.033	ng	# 97
20) 3+4-Methylphenols	8.293	107	10181	3.100	ng	94
22) Acetophenone	8.345	105	17012	3.767	ng	# 98
24) Nitrobenzene	8.716	77	13800	3.554	ng	98
25) Isophorone	9.234	82	21366	3.226	ng	98
26) 2-Nitrophenol	9.416	139	4898	3.151	ng	# 91
27) 2,4-Dimethylphenol	9.487	122	8162	3.488	ng	96
28) bis(2-Chloroethoxy)met...	9.722	93	11679	3.610	ng	# 97
29) 2,4-Dichlorophenol	9.951	162	8572	3.119	ng	94
30) 1,2,4-Trichlorobenzene	10.145	180	10107	3.352	ng	89
31) Naphthalene	10.328	128	32615	3.513	ng	98
32) Benzoic acid	9.575	122	3696	1.854	ng	93
33) 4-Chloroaniline	10.463	127	12635	3.404	ng	96
34) Hexachlorobutadiene	10.604	225	6282	3.151	ng	92
35) Caprolactam	11.257	113	2383	2.846	ng	# 69
36) 4-Chloro-3-methylphenol	11.586	107	10142	3.112	ng	93
37) 2-Methylnaphthalene	11.945	142	23158	3.350	ng	96
38) 1-Methylnaphthalene	12.169	142	21700	3.319	ng	98
40) 1,2,4,5-Tetrachloroben...	12.322	216	11583	3.415	ng	98
41) Hexachlorocyclopentadiene	12.292	237	4366	2.640	ng	97
43) 2,4,6-Trichlorophenol	12.586	196	7135	2.930	ng	95

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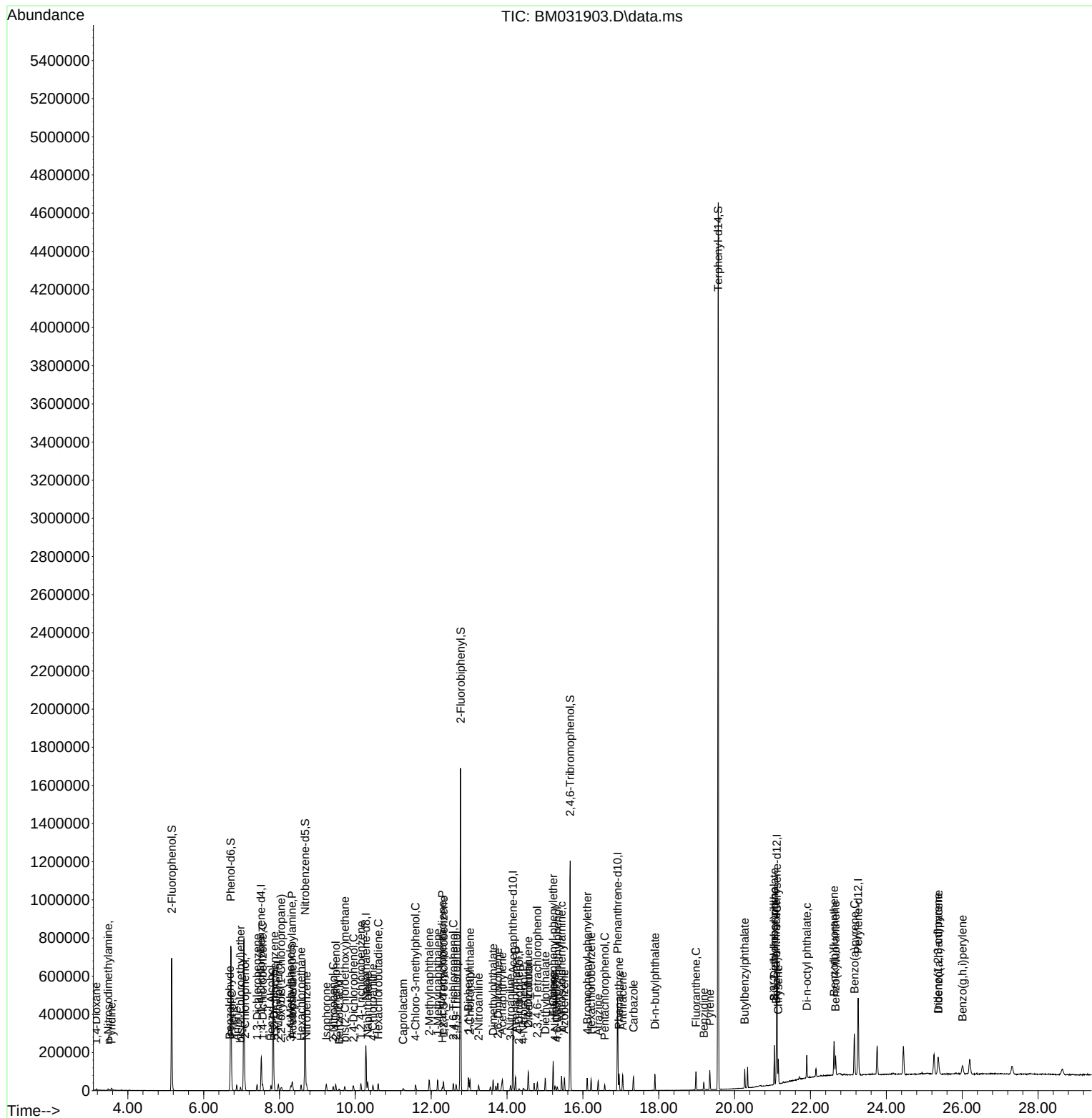
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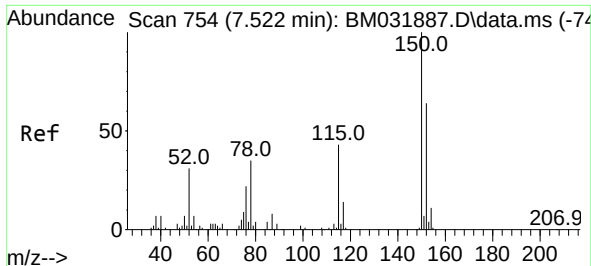
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	7315	2.779	ng	95
46) 1,1'-Biphenyl	12.980	154	31035	3.464	ng	99
47) 2-Chloronaphthalene	13.022	162	22970	3.256	ng	97
48) 2-Nitroaniline	13.251	65	7151	2.913	ng	86
49) Acenaphthylene	13.875	152	36052	3.177	ng	98
50) Dimethylphthalate	13.633	163	30084	3.278	ng	# 99
51) 2,6-Dinitrotoluene	13.757	165	5792	2.866	ng	91
52) Acenaphthene	14.222	154	21775	3.152	ng	94
53) 3-Nitroaniline	14.092	138	5561	2.829	ng	# 87
54) 2,4-Dinitrophenol	14.316	184	2512	2.194	ng	# 83
55) Dibenzofuran	14.563	168	36208	3.112	ng	98
56) 4-Nitrophenol	14.427	139	3263	2.101	ng	93
57) 2,4-Dinitrotoluene	14.557	165	7882	2.738	ng	# 74
58) Fluorene	15.216	166	29352	3.077	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.798	232	6774	2.948	ng	# 98
60) Diethylphthalate	15.010	149	32734	3.268	ng	99
61) 4-Chlorophenyl-phenyle...	15.216	204	14927	3.152	ng	100
62) 4-Nitroaniline	15.263	138	5571	2.934	ng	90
63) Azobenzene	15.510	77	34755	3.147	ng	96
65) 4,6-Dinitro-2-methylph...	15.321	198	3693	2.103	ng	94
66) n-Nitrosodiphenylamine	15.439	169	24160	2.843	ng	99
67) 4-Bromophenyl-phenylether	16.116	248	8673	3.045	ng	96
68) Hexachlorobenzene	16.216	284	9334	3.101	ng	94
69) Atrazine	16.404	200	9438	3.294	ng	95
70) Pentachlorophenol	16.574	266	4827	2.553	ng	90
71) Phenanthrene	16.951	178	48835	3.253	ng	99
72) Anthracene	17.045	178	48081	3.274	ng	98
73) Carbazole	17.333	167	44106	3.180	ng	98
74) Di-n-butylphthalate	17.898	149	53886	3.095	ng	97
75) Fluoranthene	18.980	202	55471	3.383	ng	99
77) Benzidine	19.186	184	22627	3.279	ng	96
78) Pyrene	19.345	202	58486	2.651	ng	99
80) Butylbenzylphthalate	20.268	149	24838	2.618	ng	97
81) Benzo(a)anthracene	21.098	228	59154	3.118	ng	98
82) 3,3'-Dichlorobenzidine	21.045	252	19981	3.662	ng	98
83) Chrysene	21.151	228	57066	3.119	ng	97
84) Bis(2-ethylhexyl)phtha...	21.045	149	38306	2.806	ng	99
85) Di-n-octyl phthalate	21.903	149	65672	3.193	ng	99
87) Indeno(1,2,3-cd)pyrene	25.362	276	59357	3.389	ng	95
88) Benzo(b)fluoranthene	22.621	252	62168	3.244	ng	99
89) Benzo(k)fluoranthene	22.662	252	55460	3.053	ng	99
90) Benzo(a)pyrene	23.162	252	56612	3.410	ng	99
91) Dibenzo(a,h)anthracene	25.374	278	50818	3.350	ng	99
92) Benzo(g,h,i)perylene	26.009	276	50029	3.487	ng	99

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

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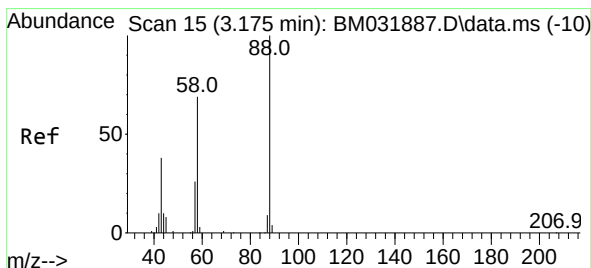
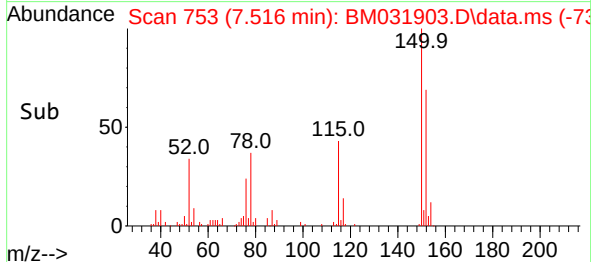
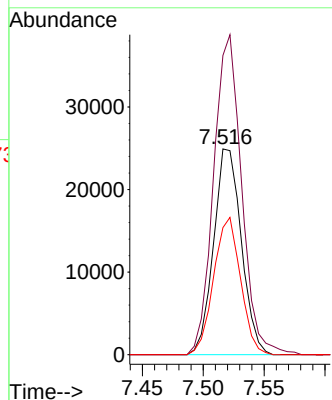
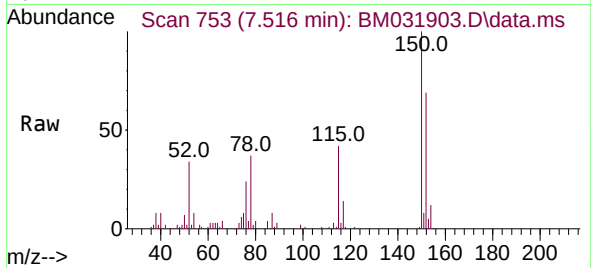




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.516 min Scan# 753
 Delta R.T. -0.006 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23

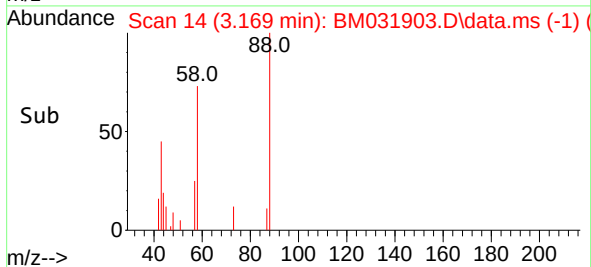
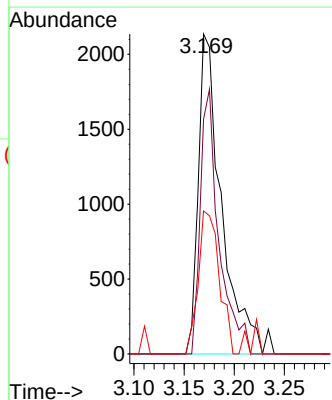
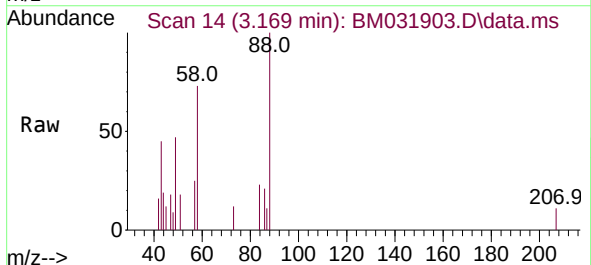
Instrument :
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 ClientSampleId :
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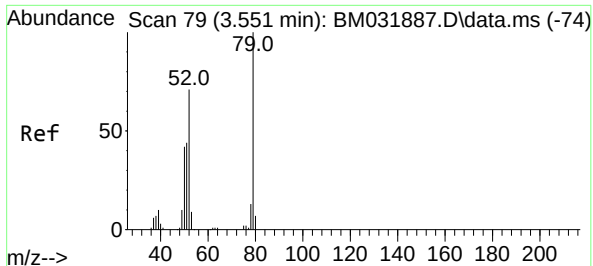
Tgt Ion:152 Resp: 39536
 Ion Ratio Lower Upper
 152 100
 150 145.4 122.4 183.6
 115 61.7 53.8 80.8



#2
 1,4-Dioxane
 Concen: 3.556 ng
 RT: 3.169 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23

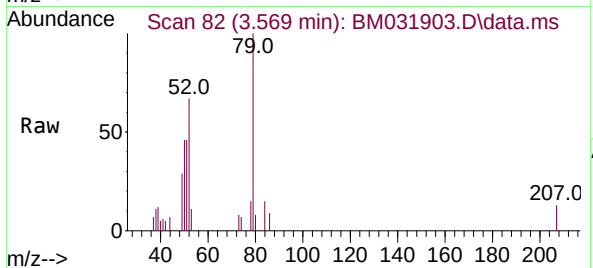
Tgt Ion: 88 Resp: 3467
 Ion Ratio Lower Upper
 88 100
 58 65.8 50.4 75.6
 43 40.3 22.2 33.2#



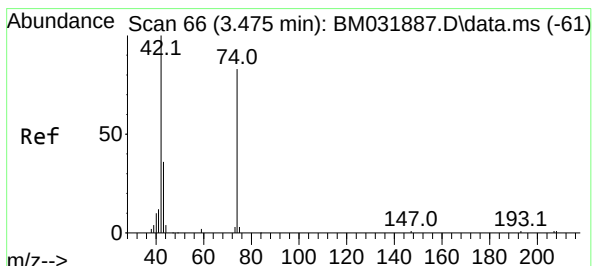
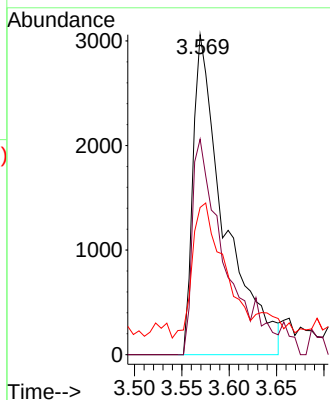
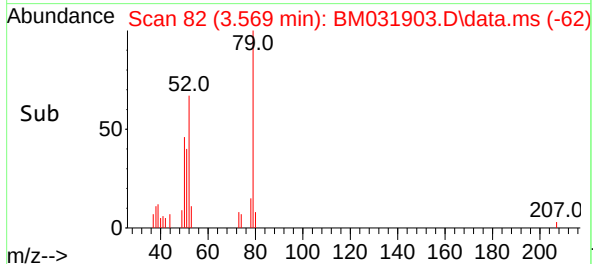


#3
Pyridine
Concen: 2.893 ng
RT: 3.569 min Scan# 82
Delta R.T. 0.018 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

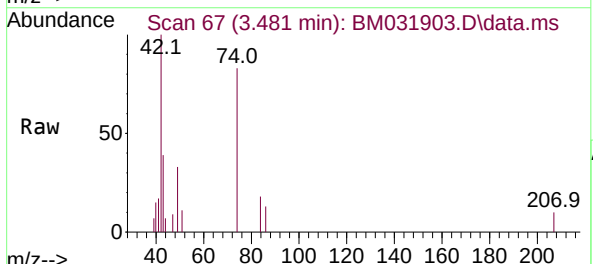
Instrument :
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ClientSampleId :
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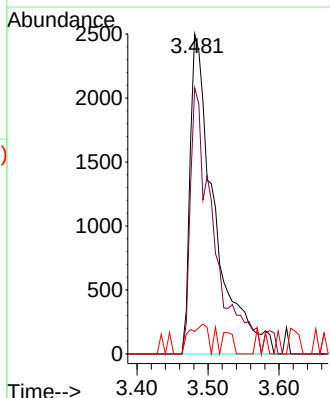
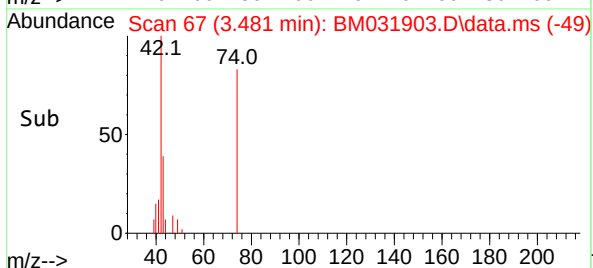
Tgt Ion: 79 Resp: 7042
Ion Ratio Lower Upper
79 100
52 67.4 48.6 73.0
51 46.0 27.4 41.2#

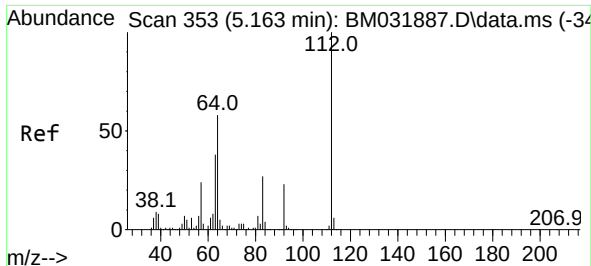


#4
n-Nitrosodimethylamine
Concen: 3.623 ng
RT: 3.481 min Scan# 67
Delta R.T. 0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23



Tgt Ion: 42 Resp: 5991
Ion Ratio Lower Upper
42 100
74 83.2 99.5 149.3#
44 7.0 57.3 85.9#

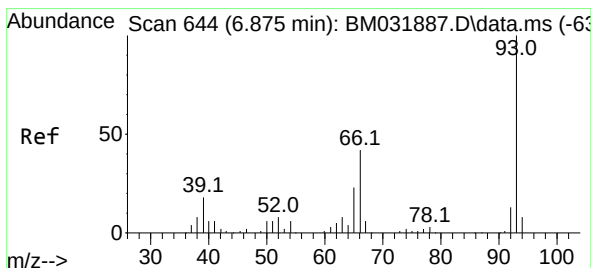
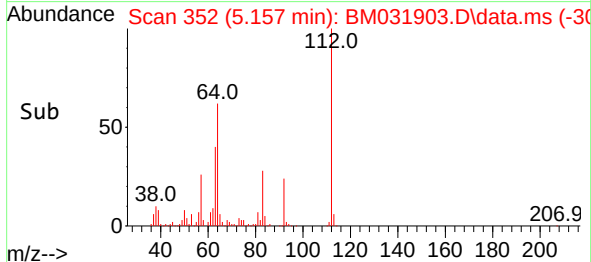
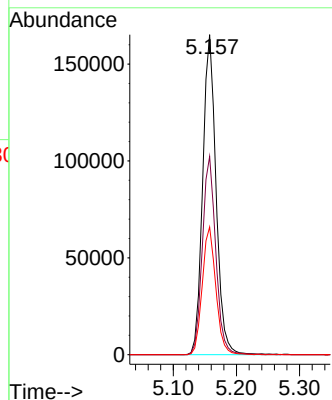
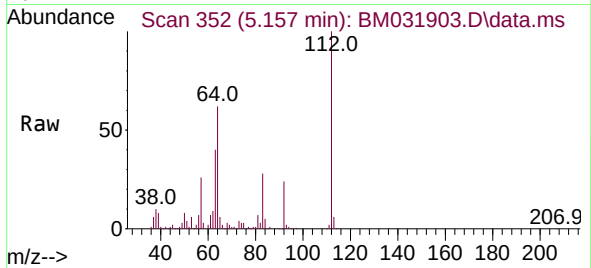




#5
2-Fluorophenol
Concen: 101.400 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

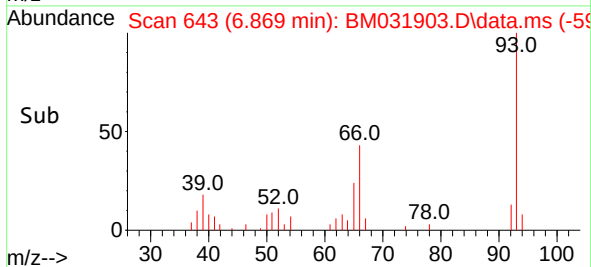
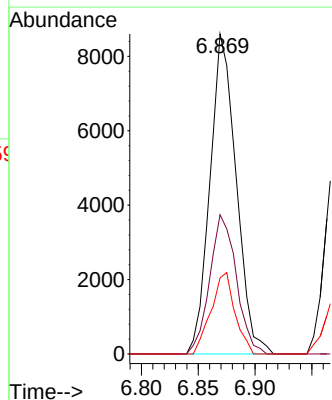
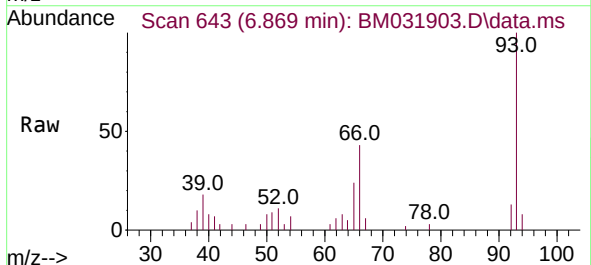
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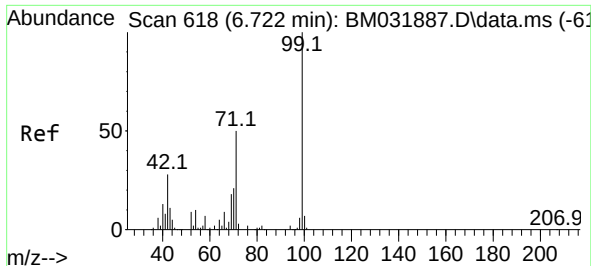
Tgt Ion:	112	Resp:	242494
Ion	Ratio	Lower	Upper
112	100		
64	61.9	53.7	80.5
63	39.9	33.9	50.9



#6
Aniline
Concen: 3.842 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	93	Resp:	13811
Ion	Ratio	Lower	Upper
93	100		
66	43.5	35.3	52.9
65	23.7	18.7	28.1

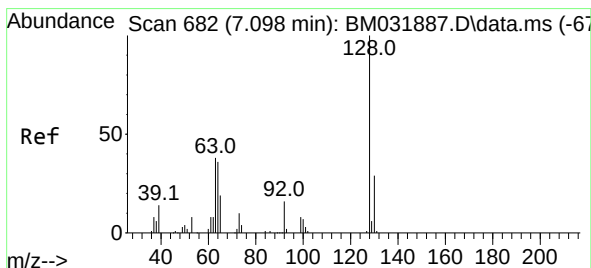
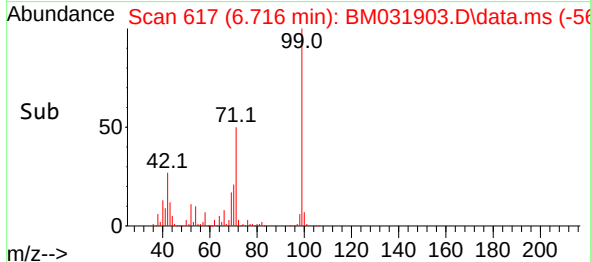
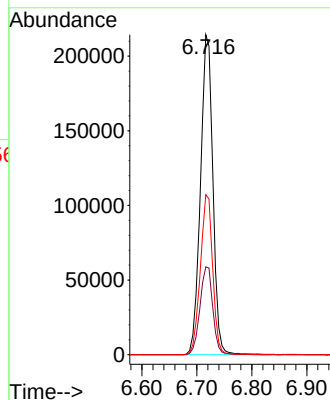
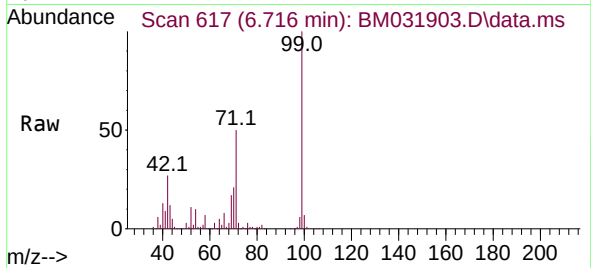




#7
Phenol-d6
Concen: 99.570 ng
RT: 6.716 min Scan# 617
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

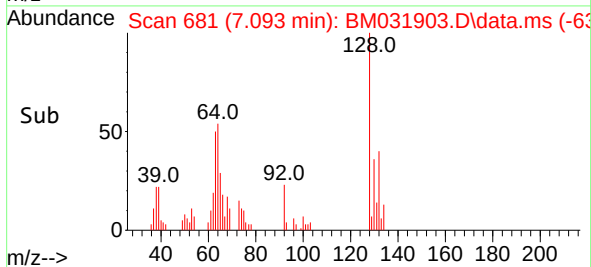
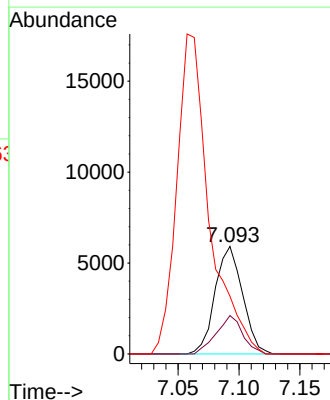
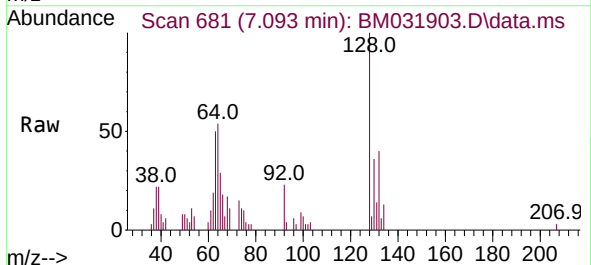
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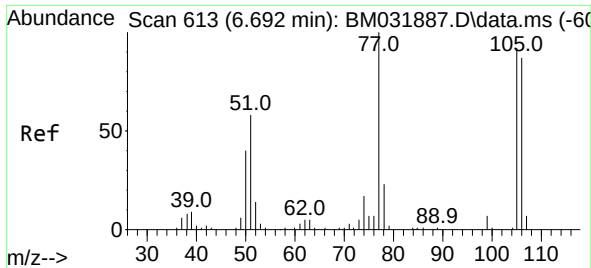
Tgt Ion: 99 Resp: 336910
Ion Ratio Lower Upper
99 100
42 27.5 23.0 34.6
71 50.0 37.8 56.8



#8
2-Chlorophenol
Concen: 3.334 ng
RT: 7.093 min Scan# 681
Delta R.T. -0.005 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:128 Resp: 9282
Ion Ratio Lower Upper
128 100
130 35.7 13.0 53.0
64 53.8 33.4 73.4

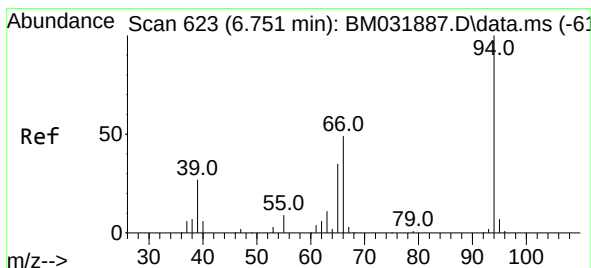
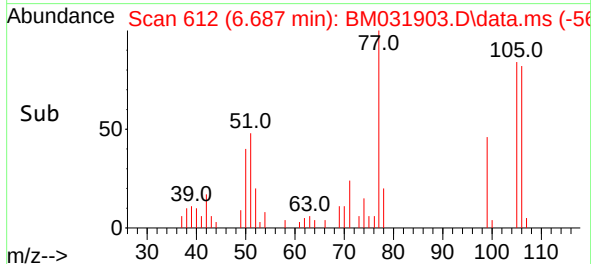
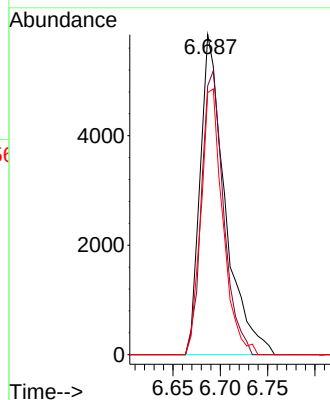
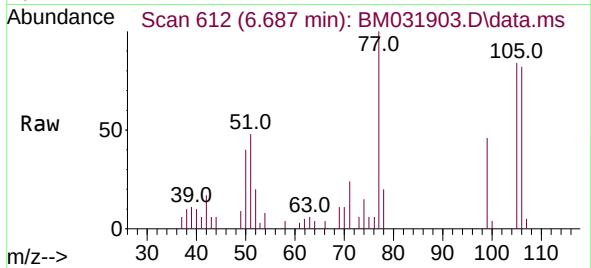




#9
Benzaldehyde
Concen: 4.769 ng
RT: 6.687 min Scan# 612
Delta R.T. -0.005 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

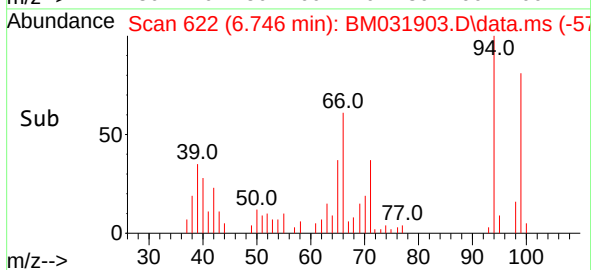
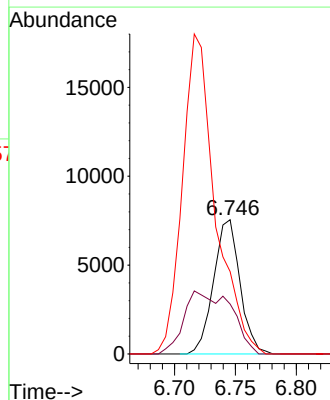
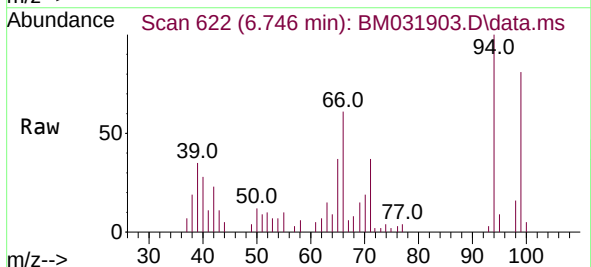
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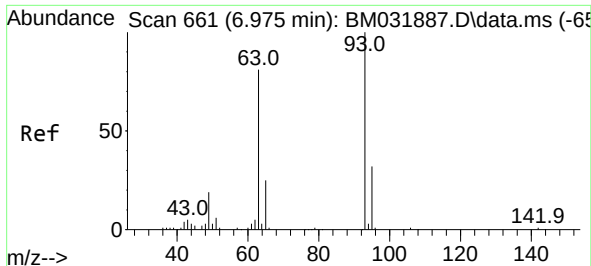
Tgt Ion: 77 Resp: 10702
Ion Ratio Lower Upper
77 100
105 84.1 68.9 108.9
106 81.9 61.2 101.2



#10
Phenol
Concen: 3.404 ng
RT: 6.746 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion: 94 Resp: 11389
Ion Ratio Lower Upper
94 100
65 37.1 16.9 56.9
66 61.4 30.0 70.0

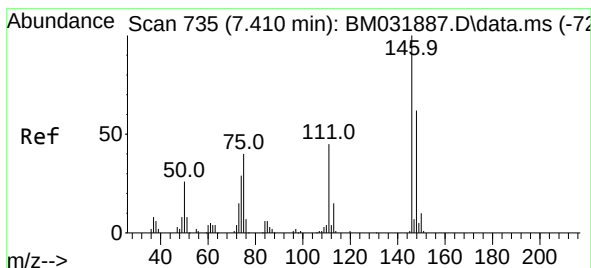
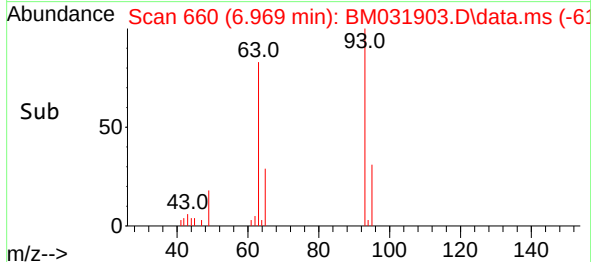
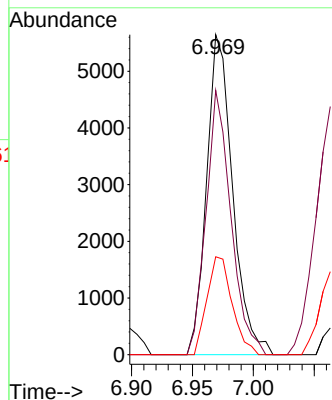
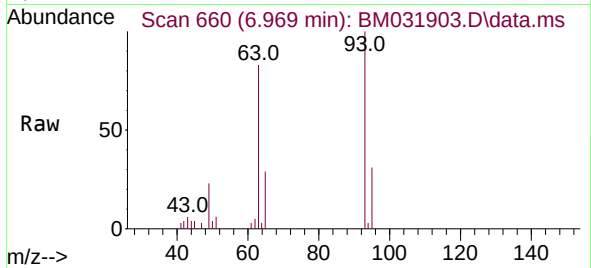




#11
bis(2-Chloroethyl)ether
Concen: 3.436 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

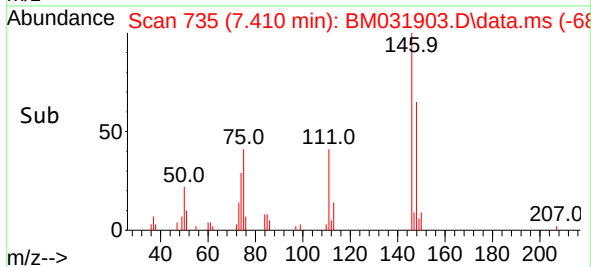
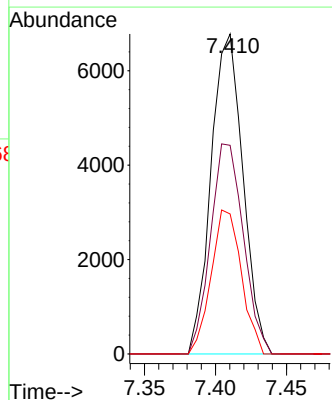
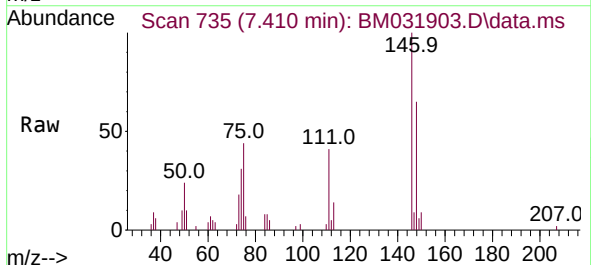
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

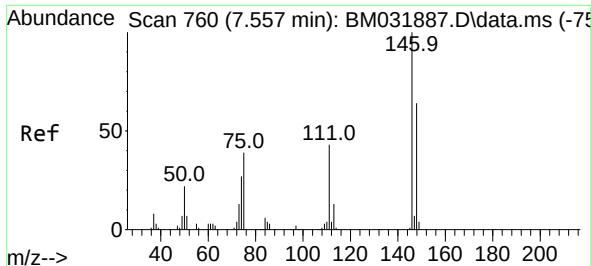
Tgt Ion:	93	Resp:	8386
Ion	Ratio	Lower	Upper
93	100		
63	82.6	63.7	103.7
95	30.6	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 3.442 ng
RT: 7.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	146	Resp:	10585
Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.3	78.5
75	43.7	34.2	51.2

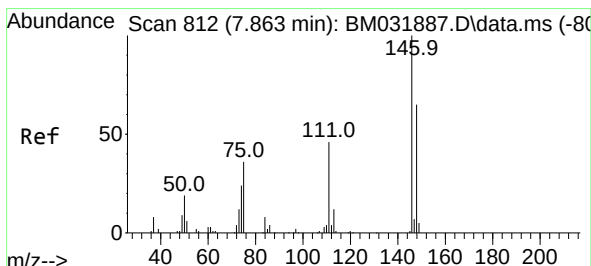
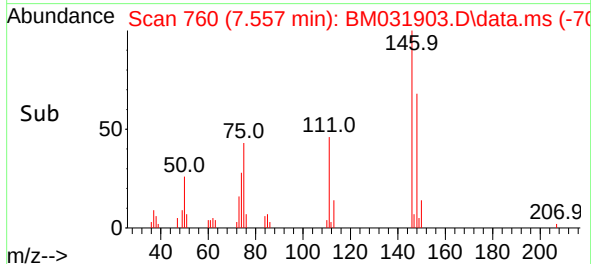
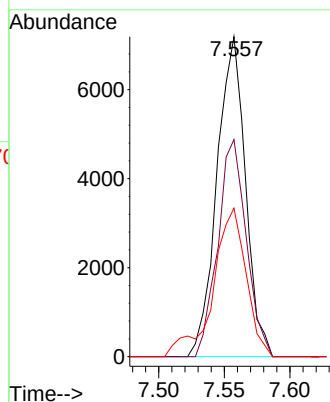
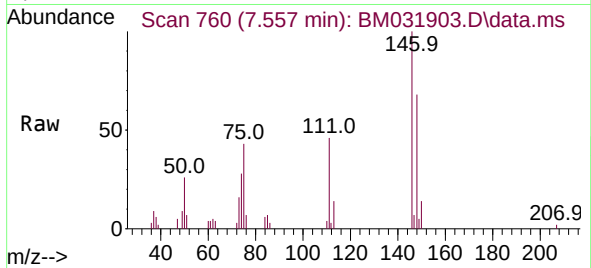




#13
1,4-Dichlorobenzene
Concen: 3.448 ng
RT: 7.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

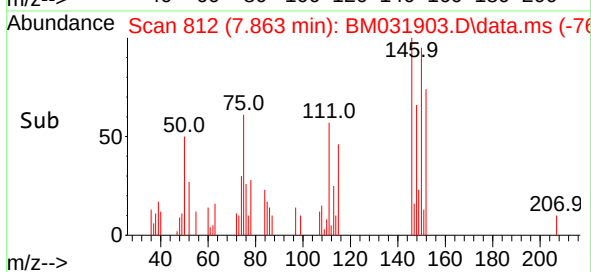
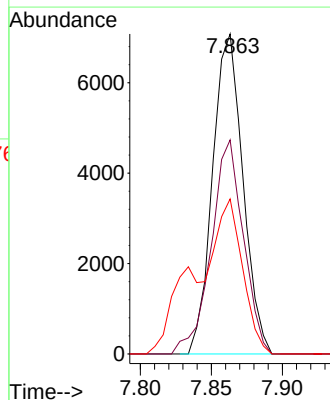
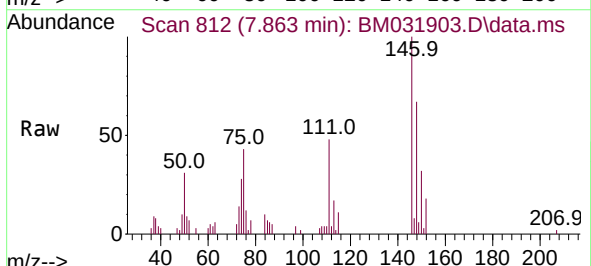
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

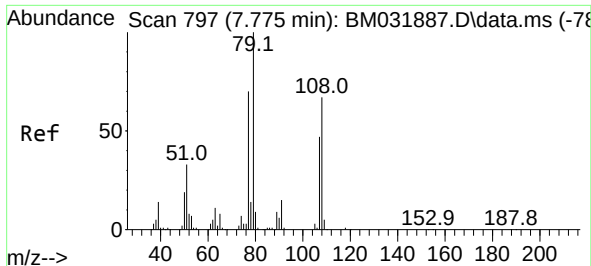
Tgt Ion:146 Resp: 10864
Ion Ratio Lower Upper
146 100
148 67.9 51.1 76.7
111 46.4 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 3.426 ng
RT: 7.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:146 Resp: 10511
Ion Ratio Lower Upper
146 100
148 66.9 51.7 77.5
111 48.5 38.2 57.2

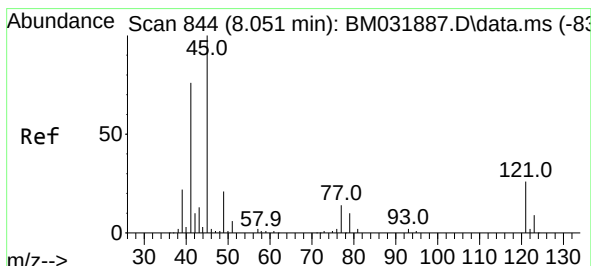
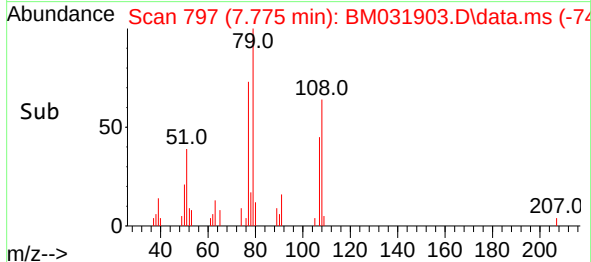
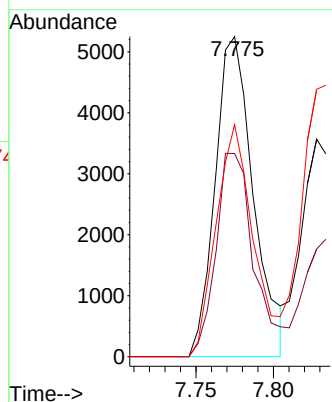
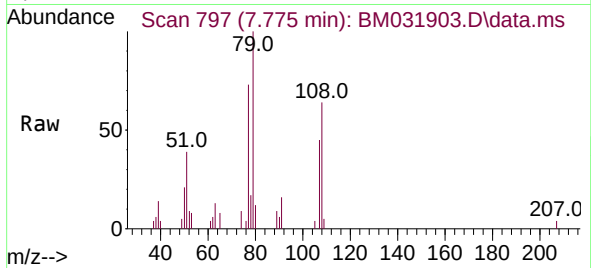




#15
Benzyl Alcohol
Concen: 3.117 ng
RT: 7.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

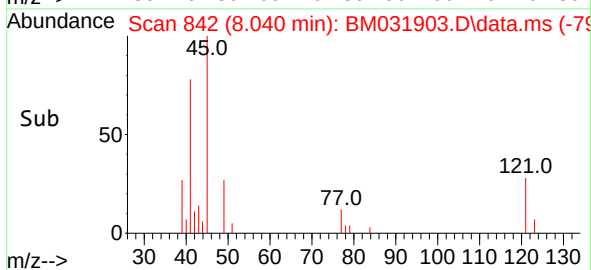
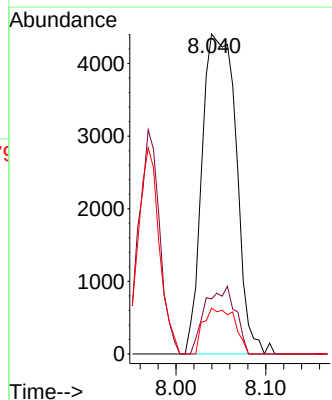
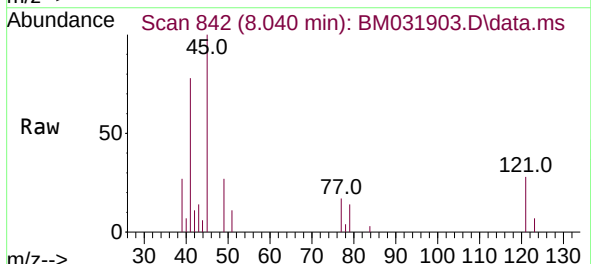
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

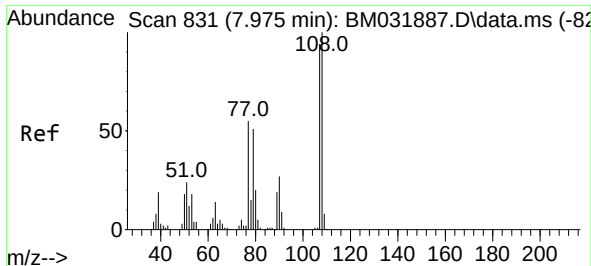
Tgt Ion:	79	Resp:	8998
Ion	Ratio	Lower	Upper
79	100		
108	63.5	53.6	80.4
77	72.5	57.7	86.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.550 ng
RT: 8.040 min Scan# 842
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	45	Resp:	11624
Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	36.1
79	14.3	0.0	30.5

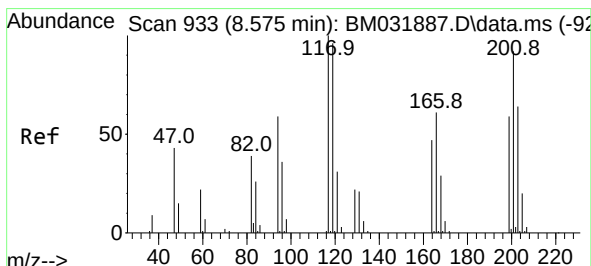
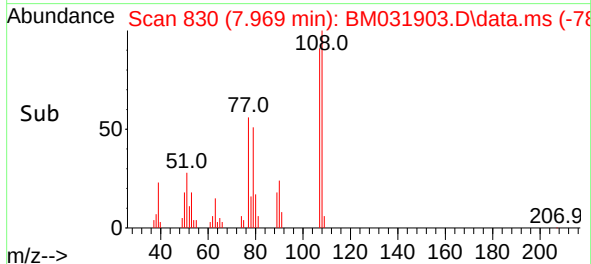
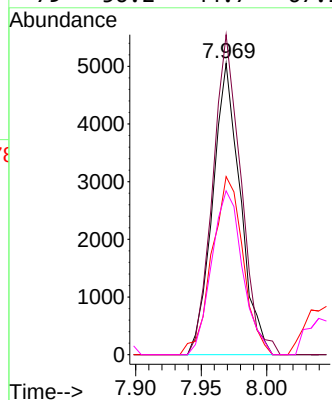
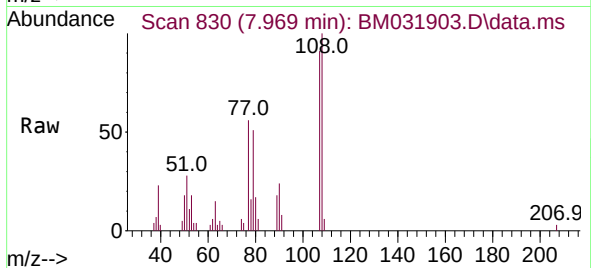




#17
2-Methylphenol
Concen: 3.103 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

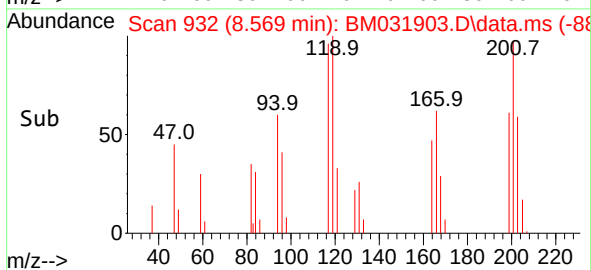
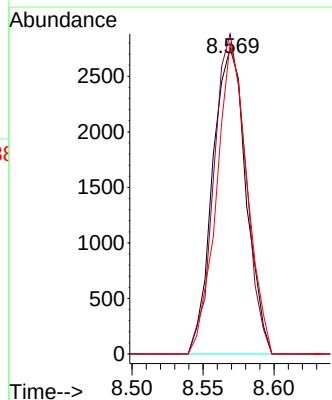
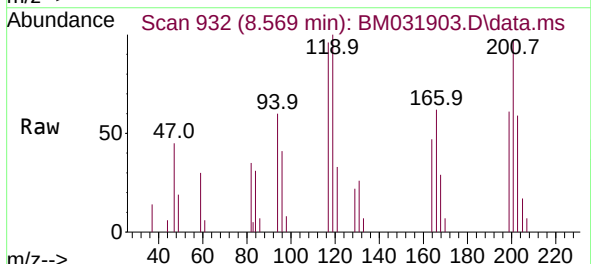
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

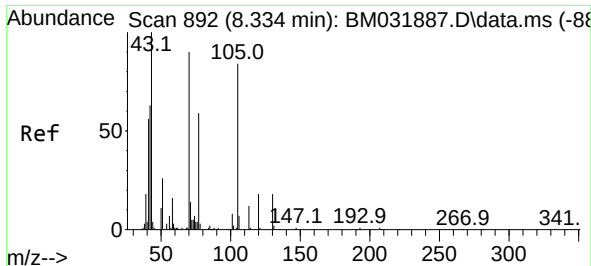
Tgt Ion:	107	Resp:	7409
Ion	Ratio	Lower	Upper
107	100		
108	109.8	87.9	131.9
77	61.1	48.2	72.2
79	56.2	44.7	67.1



#18
Hexachloroethane
Concen: 3.448 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	117	Resp:	4501
Ion	Ratio	Lower	Upper
117	100		
119	104.5	77.7	116.5
201	101.6	70.2	105.2



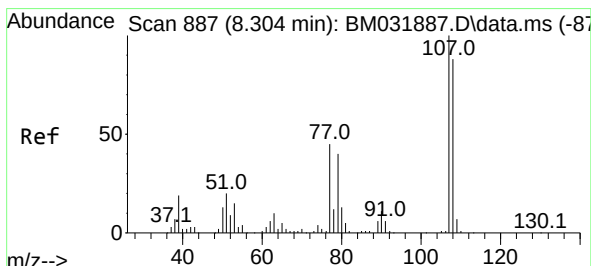
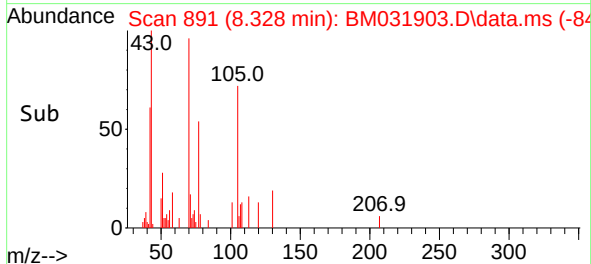
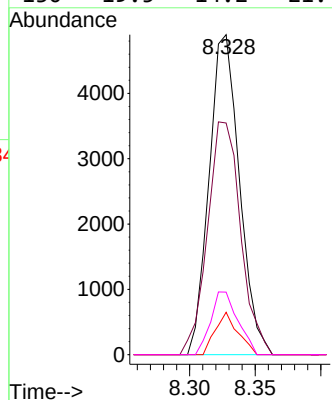
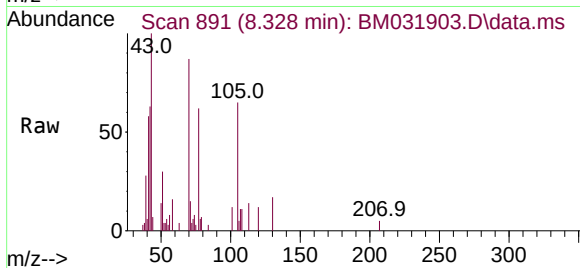


#19

n-Nitroso-di-n-propylamine
Concen: 3.033 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

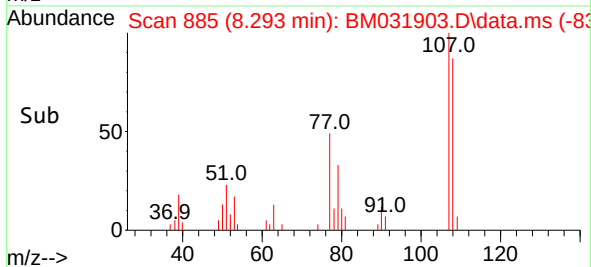
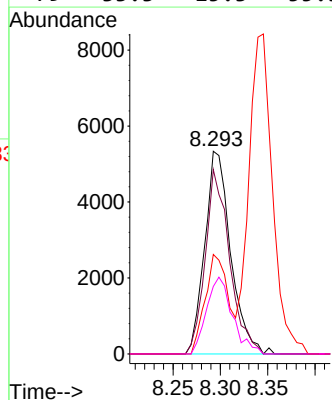
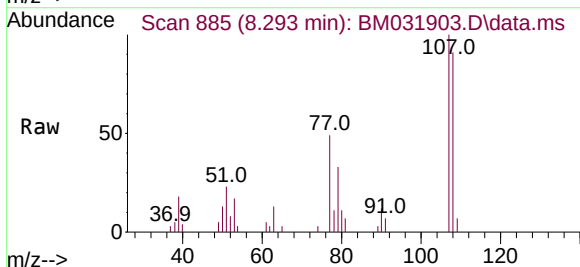
Tgt Ion:	70	Resp:	7907
Ion	Ratio	Lower	Upper
70	100		
42	72.4	56.3	84.5
101	13.3	7.8	11.6#
130	19.5	14.2	21.4

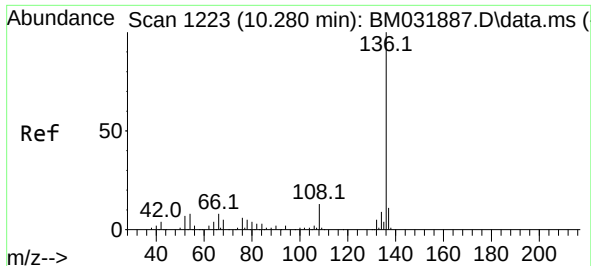


#20

3+4-Methylphenols
Concen: 3.100 ng
RT: 8.293 min Scan# 885
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	107	Resp:	10181
Ion	Ratio	Lower	Upper
107	100		
108	90.9	67.6	107.6
77	49.1	21.9	61.9
79	33.3	15.3	55.3

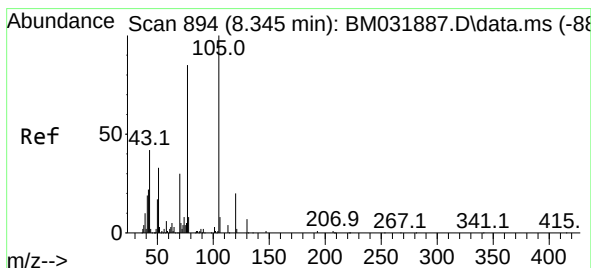
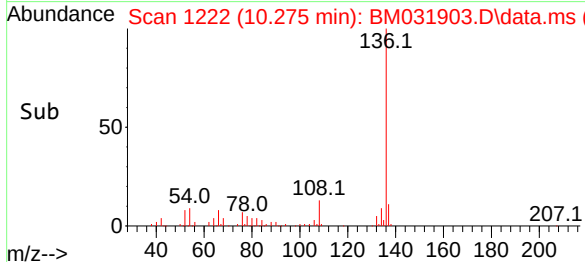
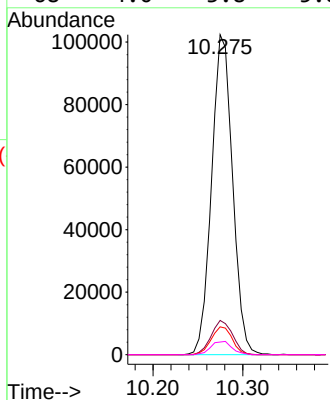
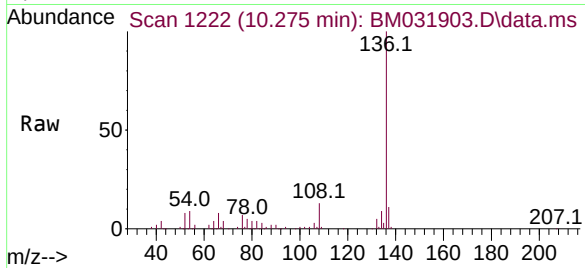




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

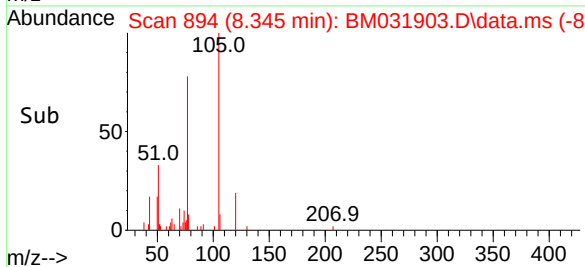
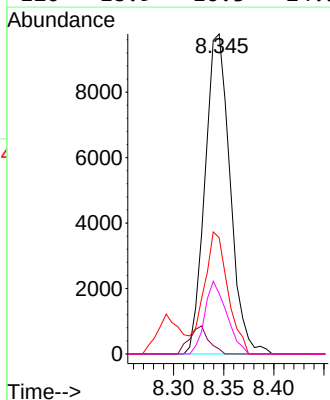
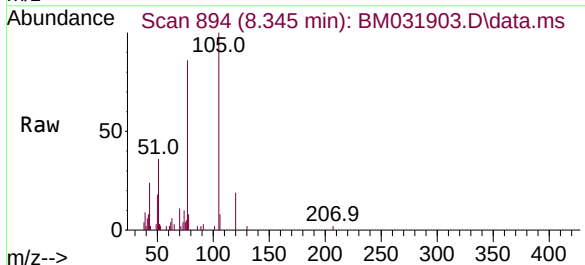
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

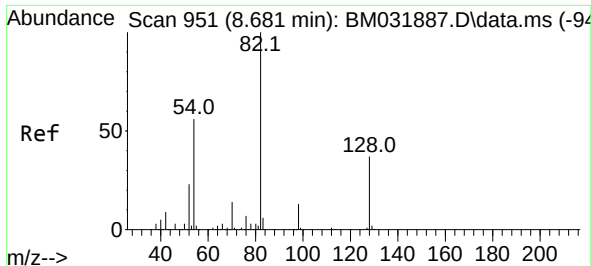
Tgt Ion:136	Resp:	166135
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.7 13.1
54	8.7	7.4 11.0
68	4.0	3.8 5.8



#22
Acetophenone
Concen: 3.767 ng
RT: 8.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:105	Resp:	17012
Ion Ratio	Lower	Upper
105	100	
71	1.6	3.8 5.6#
51	36.3	29.5 44.3
120	18.9	16.3 24.5





#23

Nitrobenzene-d5

Concen: 89.301 ng

RT: 8.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

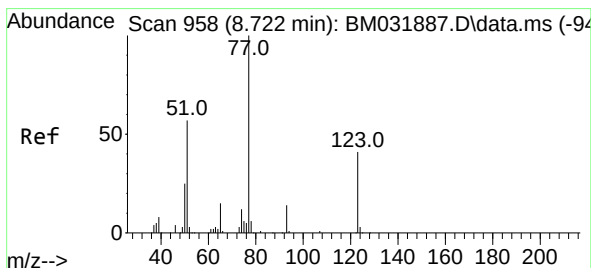
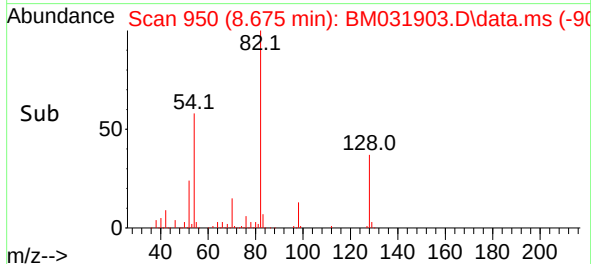
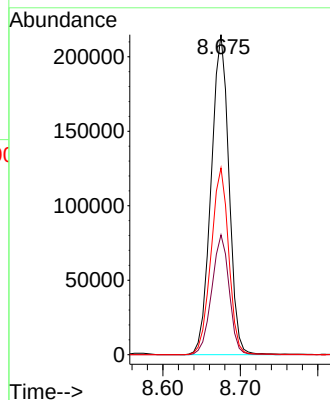
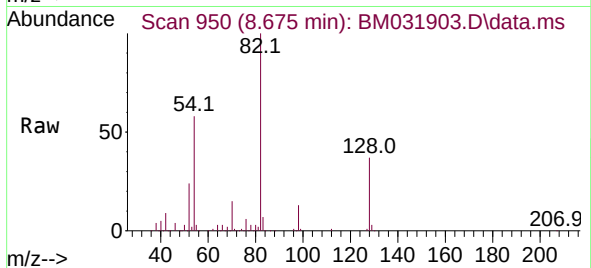
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	82	Resp:	342512
Ion	Ratio	Lower	Upper
82	100		
128	37.4	29.0	43.6
54	58.3	45.8	68.8



#24

Nitrobenzene

Concen: 3.554 ng

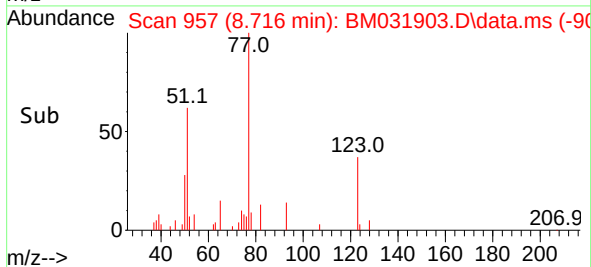
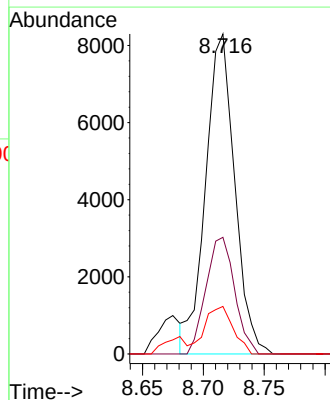
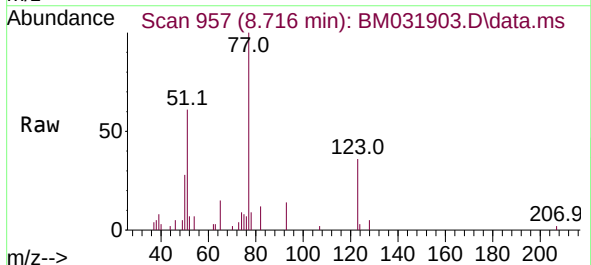
RT: 8.716 min Scan# 957

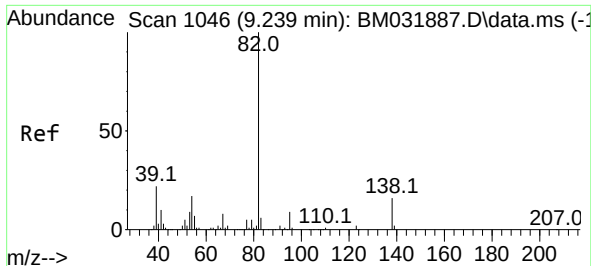
Delta R.T. -0.006 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

Tgt Ion:	77	Resp:	13800
Ion	Ratio	Lower	Upper
77	100		
123	36.5	30.1	45.1
65	14.8	11.7	17.5

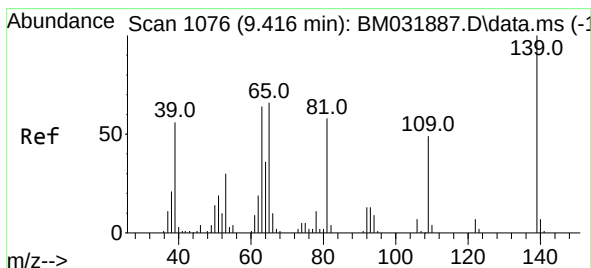
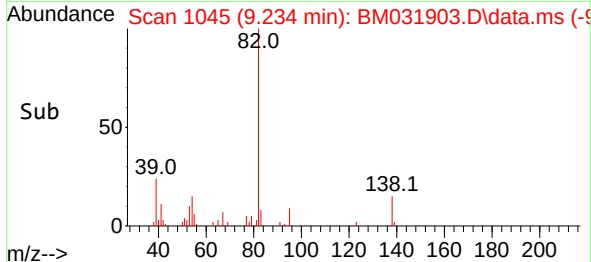
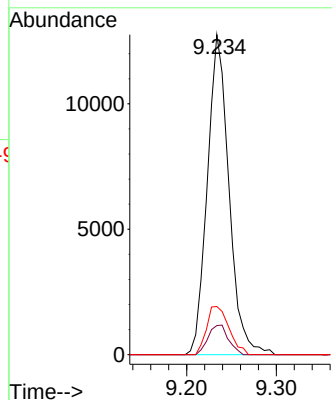
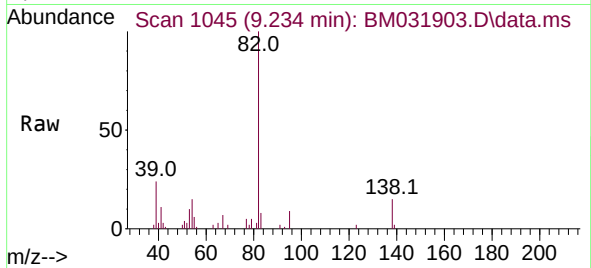




#25
Isophorone
Concen: 3.226 ng
RT: 9.234 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

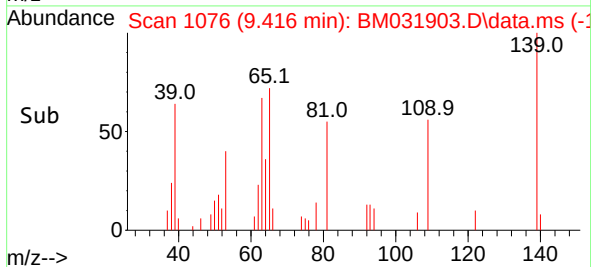
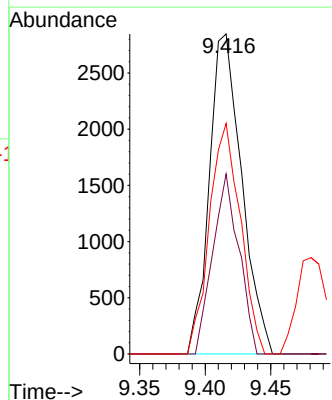
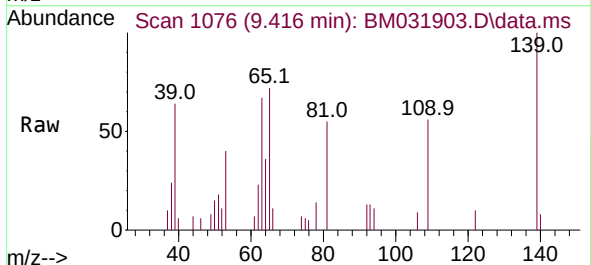
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

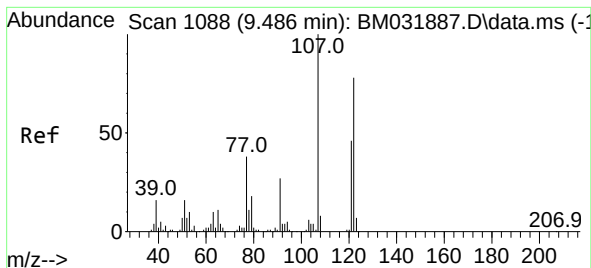
Tgt Ion:	82	Resp:	21366
Ion	Ratio	Lower	Upper
82	100		
95	9.1	6.4	9.6
138	15.1	12.4	18.6



#26
2-Nitrophenol
Concen: 3.151 ng
RT: 9.416 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	139	Resp:	4898
Ion	Ratio	Lower	Upper
139	100		
109	56.2	34.8	52.2#
65	72.1	59.9	89.9

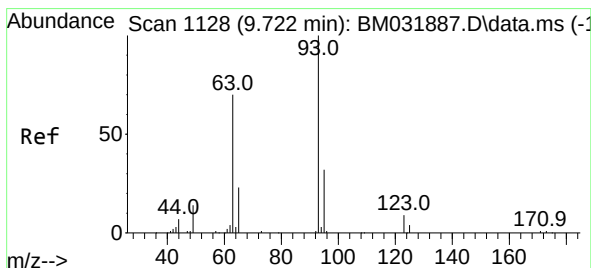
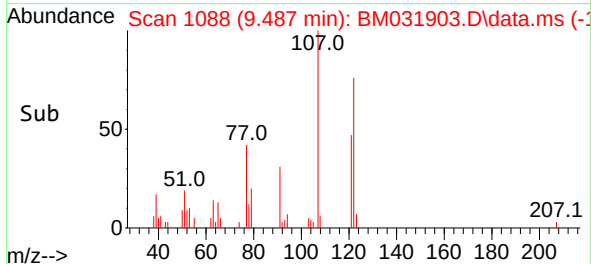
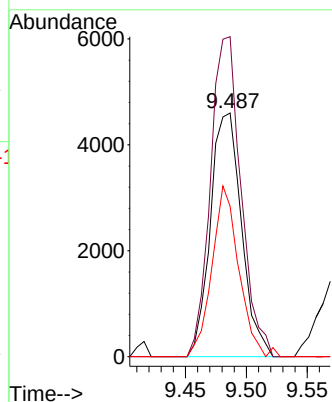
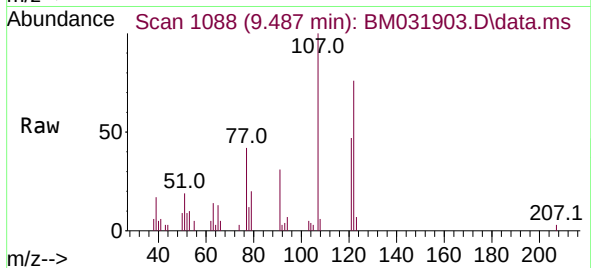




#27
2,4-Dimethylphenol
Concen: 3.488 ng
RT: 9.487 min Scan# 1088
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

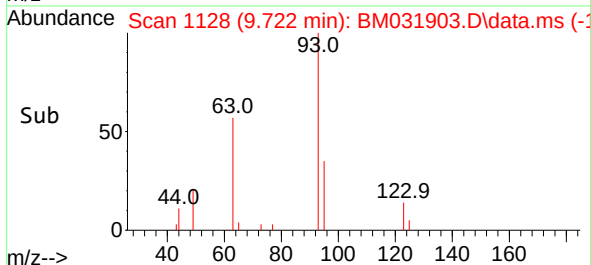
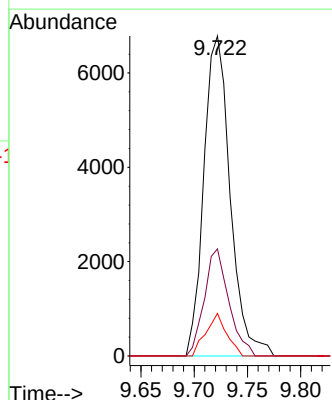
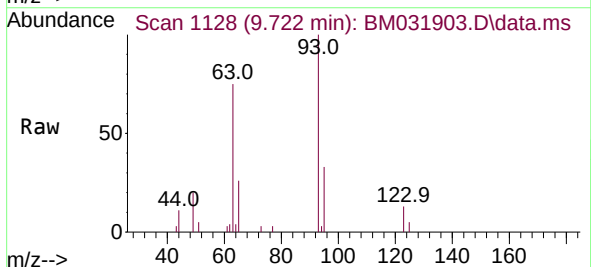
Instrument :
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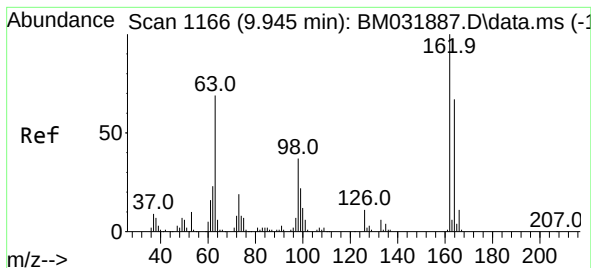
Tgt Ion:122 Resp: 8162
Ion Ratio Lower Upper
122 100
107 131.3 100.6 150.8
121 61.6 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 3.610 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion: 93 Resp: 11679
Ion Ratio Lower Upper
93 100
95 33.4 25.8 38.8
123 13.3 8.8 13.2#





#29

2,4-Dichlorophenol

Concen: 3.119 ng

RT: 9.951 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

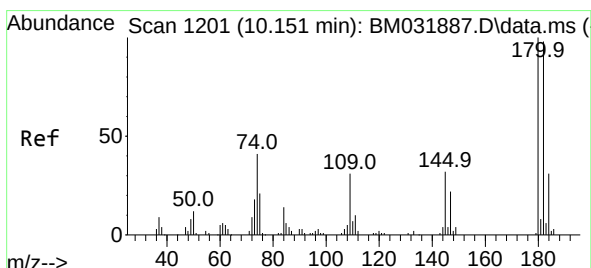
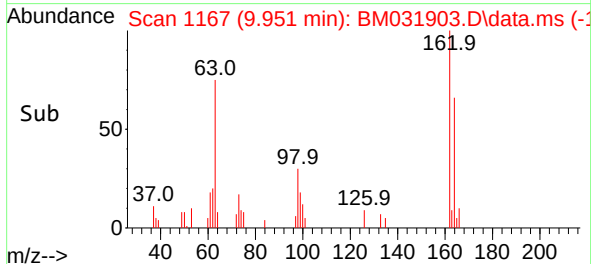
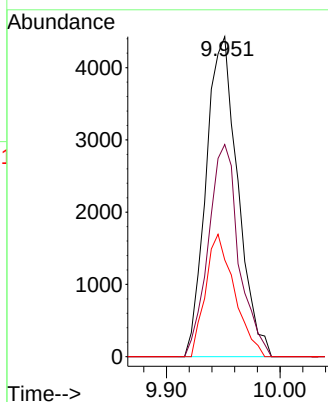
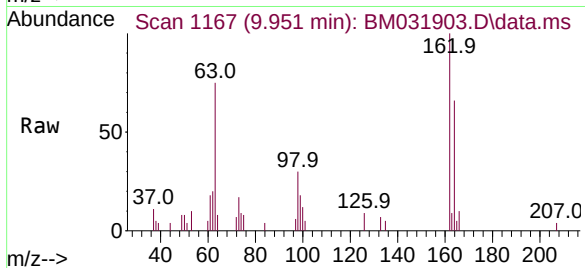
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:162	Resp:	8572
Ion Ratio	Lower	Upper
162	100	
164	66.3	47.4 87.4
98	30.3	18.9 58.9



#30

1,2,4-Trichlorobenzene

Concen: 3.352 ng

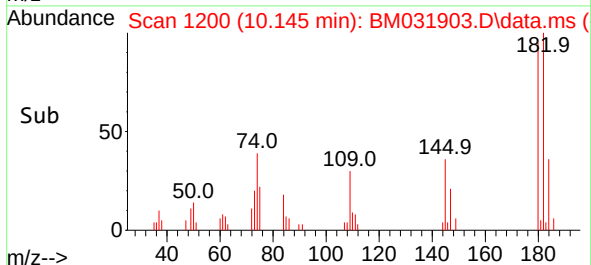
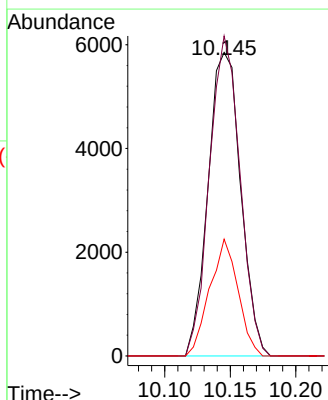
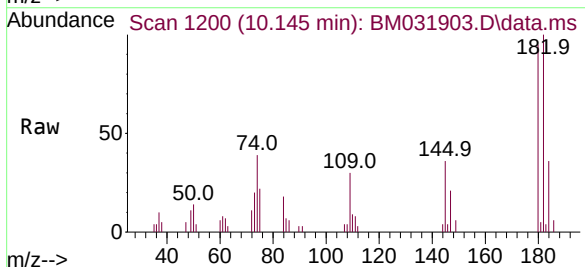
RT: 10.145 min Scan# 1200

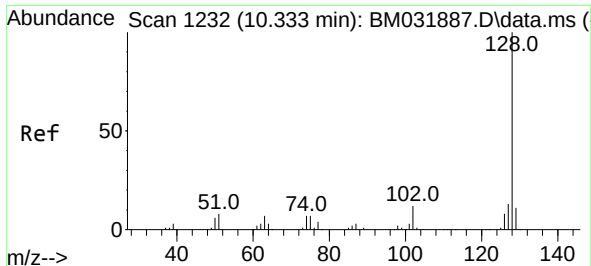
Delta R.T. -0.006 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

Tgt Ion:180	Resp:	10107
Ion Ratio	Lower	Upper
180	100	
182	105.4	75.5 113.3
145	38.5	26.2 39.2

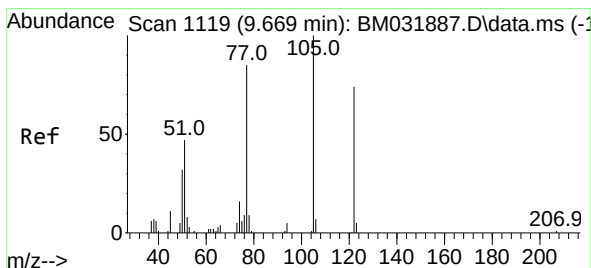
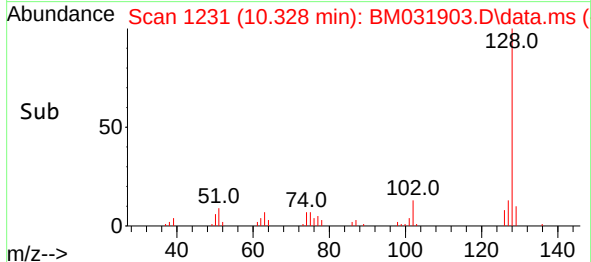
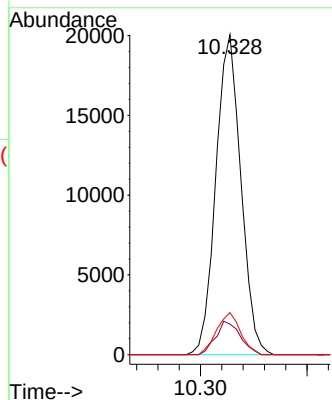
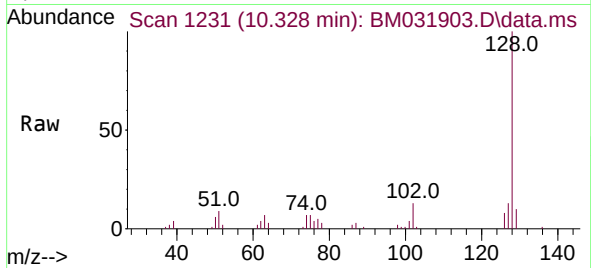




#31
Naphthalene
Concen: 3.513 ng
RT: 10.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

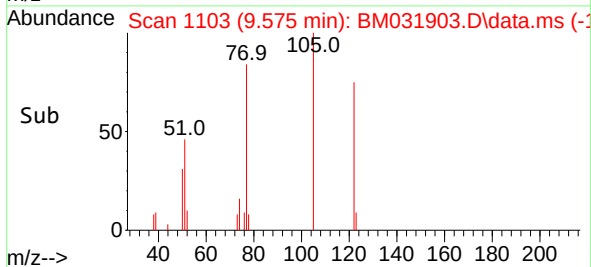
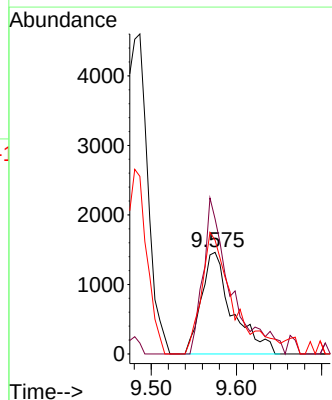
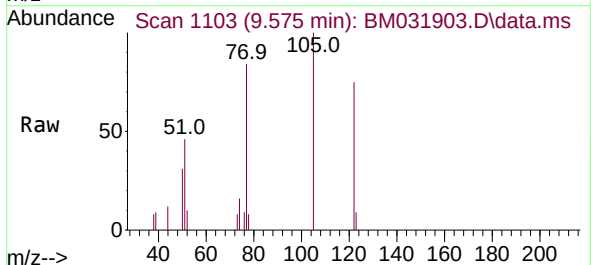
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

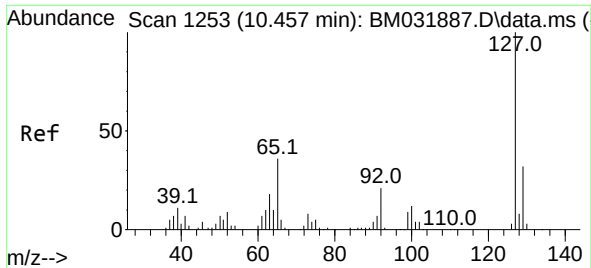
Tgt Ion:128 Resp: 32615
Ion Ratio Lower Upper
128 100
129 9.5 8.6 13.0
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 1.854 ng
RT: 9.575 min Scan# 1103
Delta R.T. -0.094 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:122 Resp: 3696
Ion Ratio Lower Upper
122 100
105 132.9 120.3 160.3
77 111.9 100.0 140.0

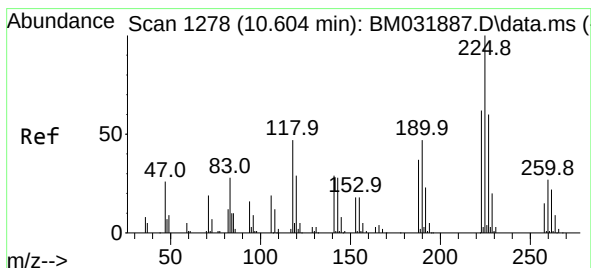
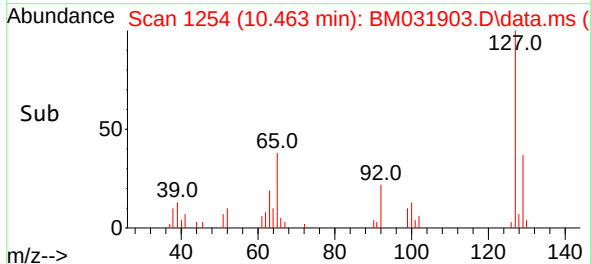
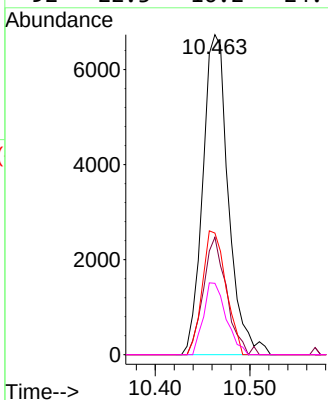
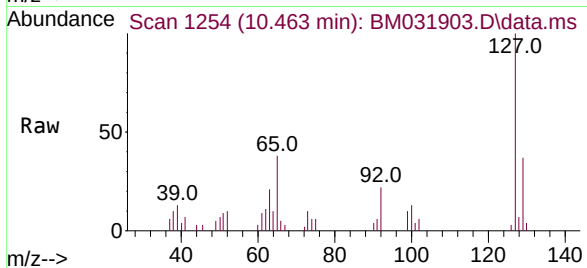




#33
4-Chloroaniline
Concen: 3.404 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

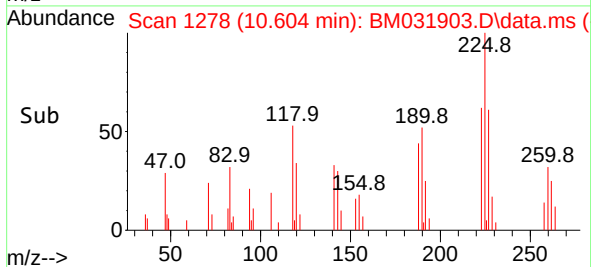
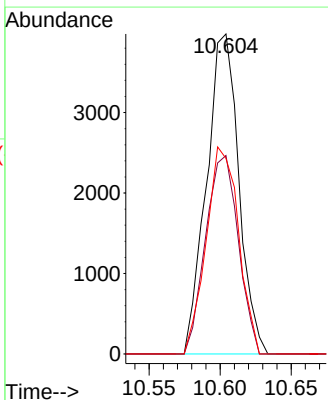
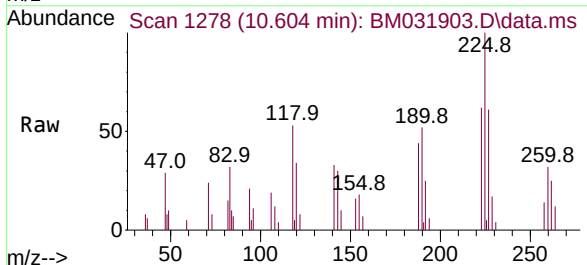
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

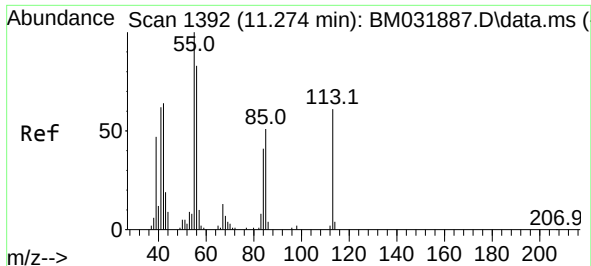
Tgt Ion	Ratio	Lower	Upper
127	100		
129	36.7	25.6	38.4
65	38.0	30.4	45.6
92	22.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 3.151 ng
RT: 10.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	52.6	78.8
227	58.0	51.2	76.8

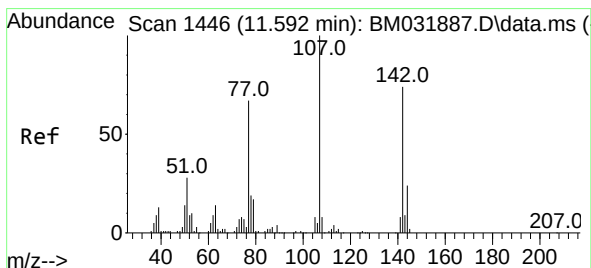
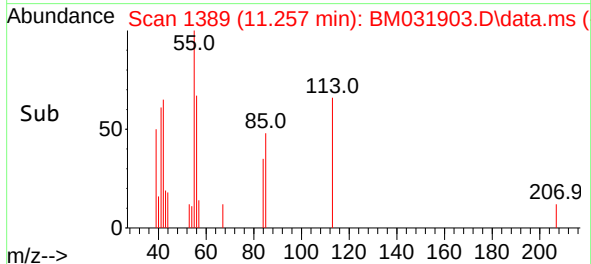
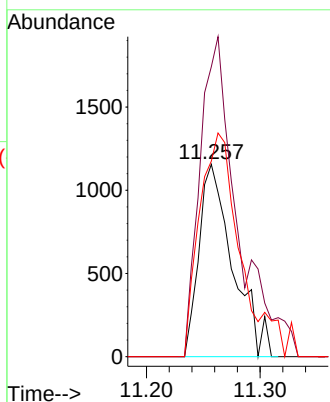
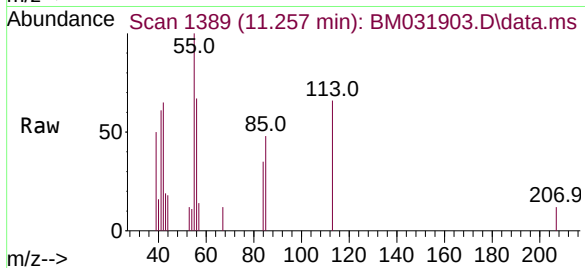




#35
Caprolactam
Concen: 2.846 ng
RT: 11.257 min Scan# 1389
Delta R.T. -0.017 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

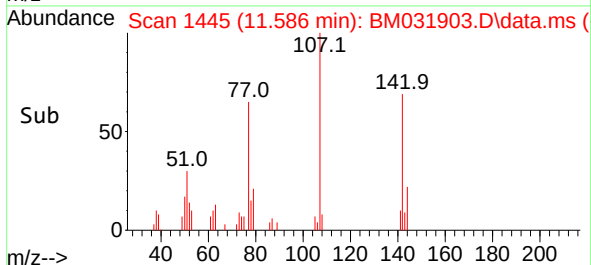
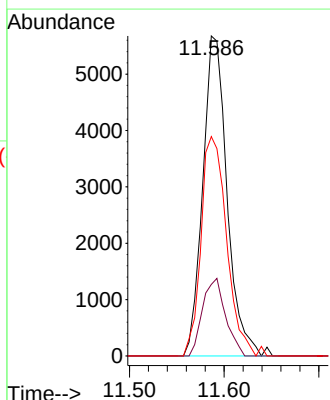
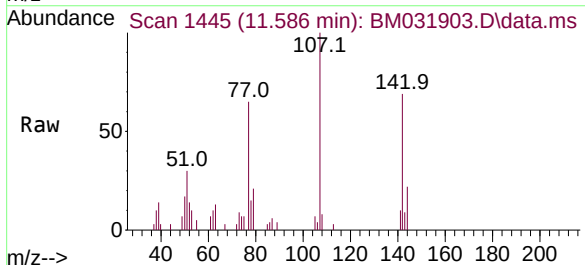
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

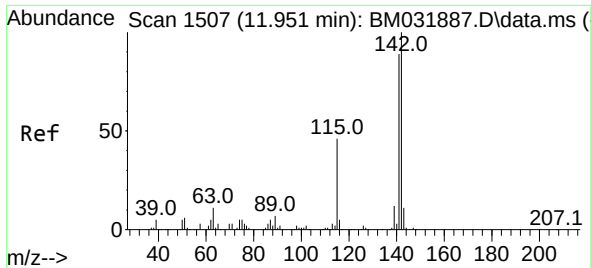
Tgt Ion:113 Resp: 2383
Ion Ratio Lower Upper
113 100
55 150.7 170.5 210.5#
56 101.6 125.2 165.2#



#36
4-Chloro-3-methylphenol
Concen: 3.112 ng
RT: 11.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:107 Resp: 10142
Ion Ratio Lower Upper
107 100
144 22.4 19.3 28.9
142 68.6 60.5 90.7

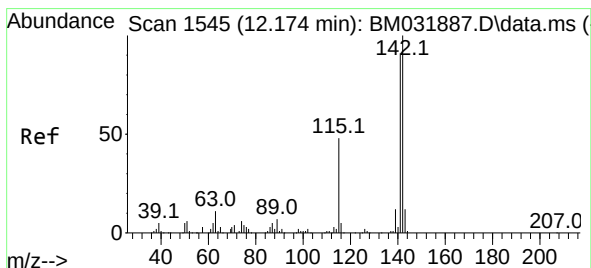
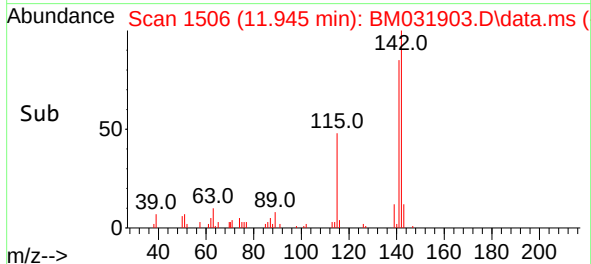
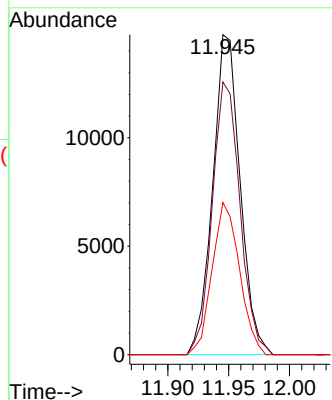
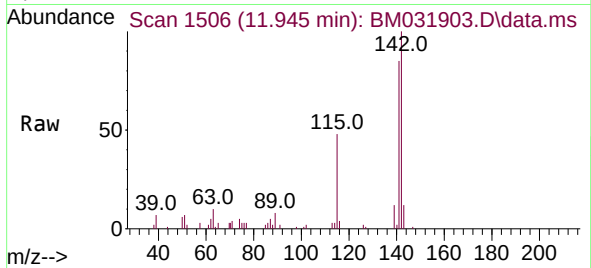




#37
2-Methylnaphthalene
Concen: 3.350 ng
RT: 11.945 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

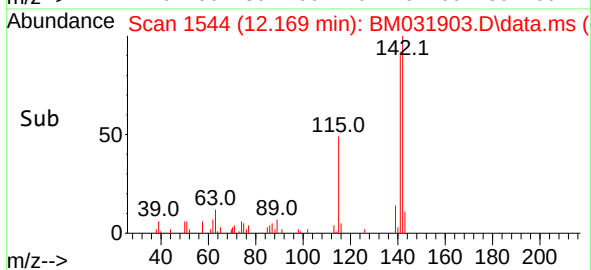
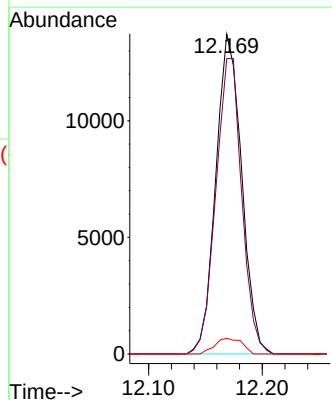
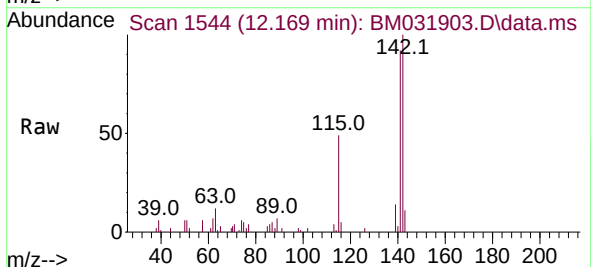
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

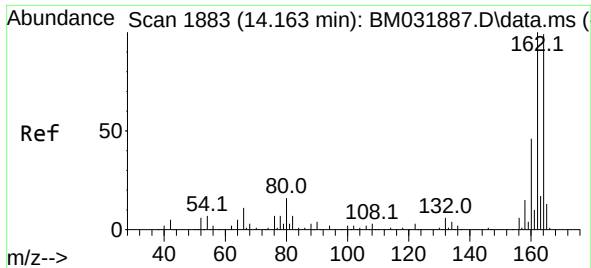
Tgt Ion:142 Resp: 23158
Ion Ratio Lower Upper
142 100
141 85.2 71.8 107.6
115 47.5 36.3 54.5



#38
1-Methylnaphthalene
Concen: 3.319 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:142 Resp: 21700
Ion Ratio Lower Upper
142 100
141 92.3 75.6 113.4
116 4.9 4.0 6.0

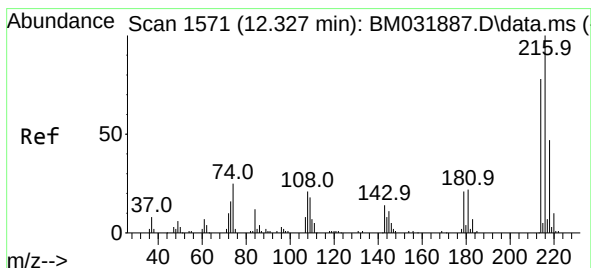
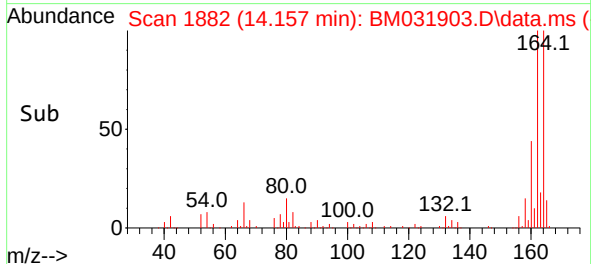
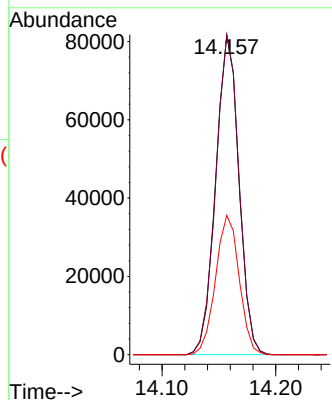
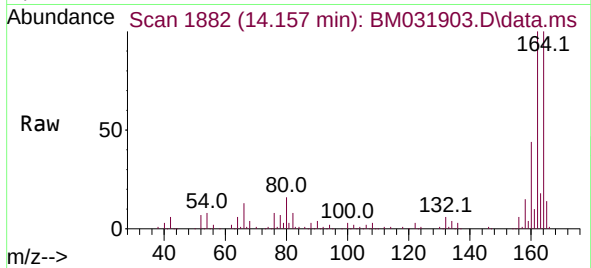




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

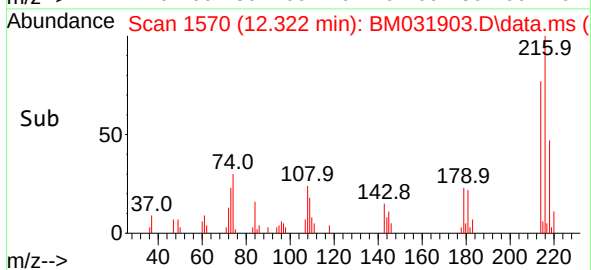
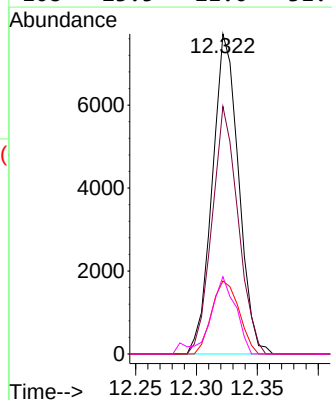
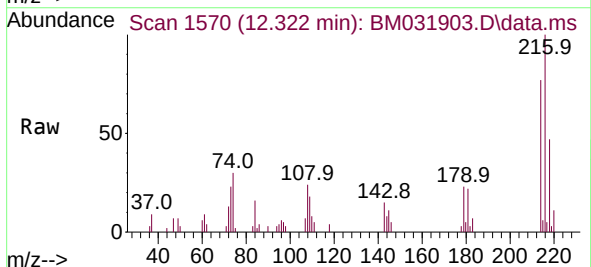
Instrument :
BNA_M
ClientSampleId :
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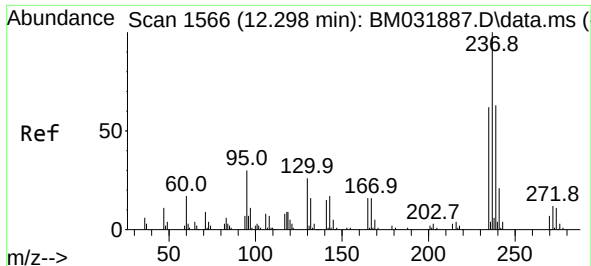
Tgt Ion:164 Resp: 115778
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 43.6 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.415 ng
RT: 12.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:216 Resp: 11583
Ion Ratio Lower Upper
216 100
214 76.8 62.5 93.7
179 23.6 18.7 28.1
108 23.5 21.0 31.4

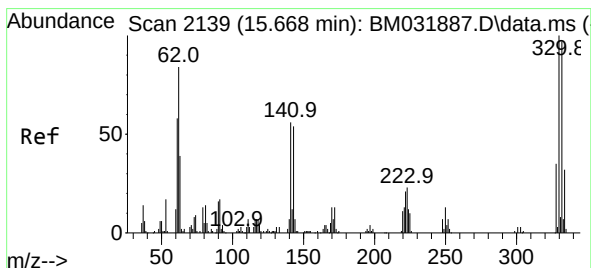
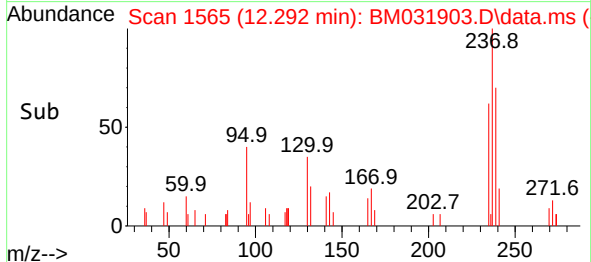
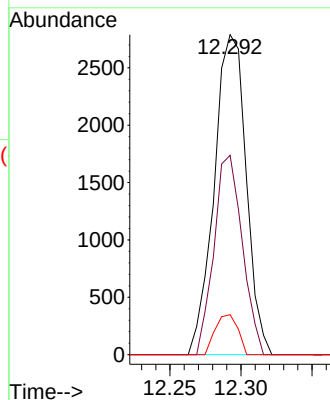
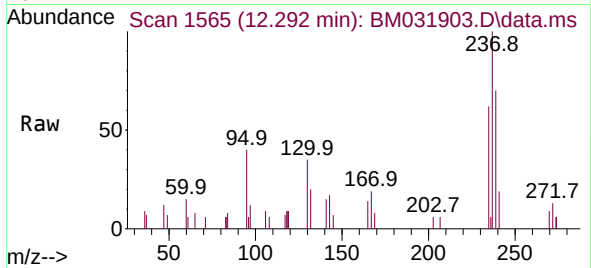




#41
Hexachlorocyclopentadiene
Concen: 2.640 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

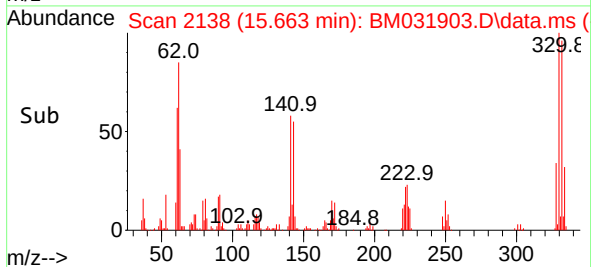
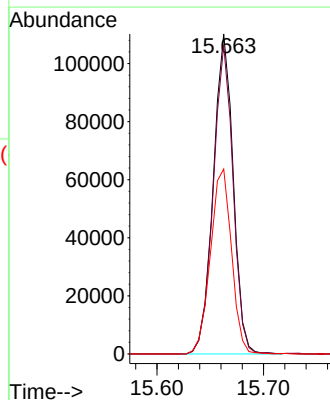
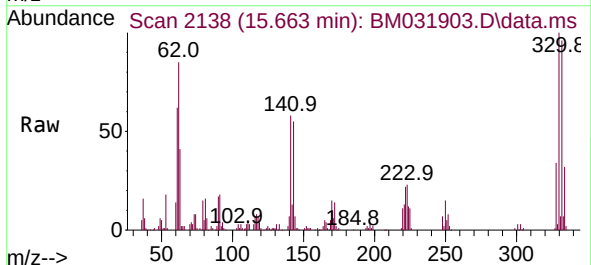
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

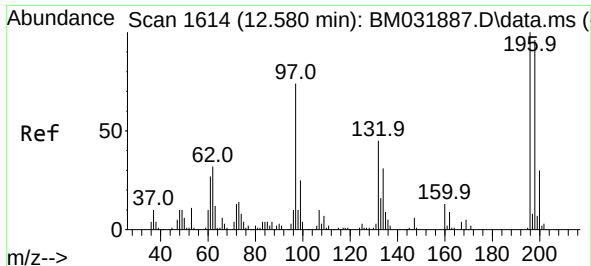
Tgt Ion:	237	Resp:	4366
Ion Ratio	Lower	Upper	
237	100		
235	62.3	44.4	84.4
272	12.5	0.0	31.4



#42
2,4,6-Tribromophenol
Concen: 104.661 ng
RT: 15.663 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	330	Resp:	143235
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	61.0	50.7	76.1

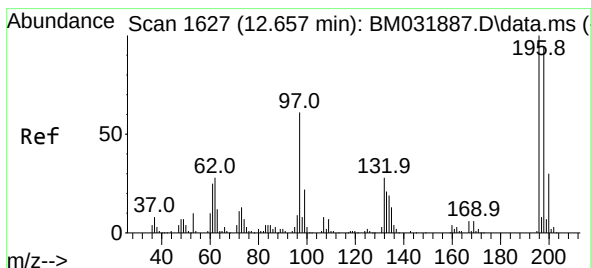
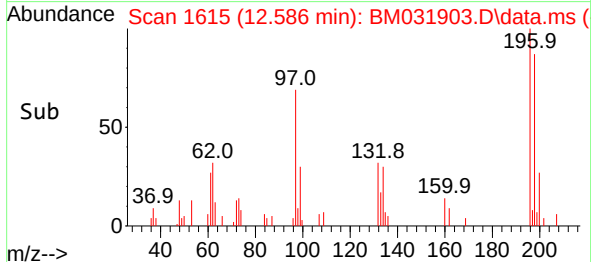
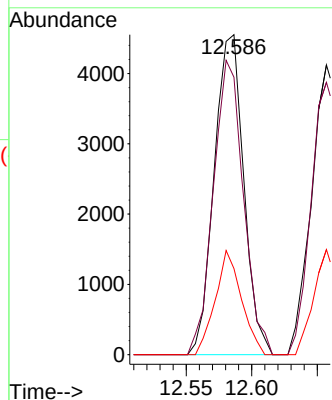
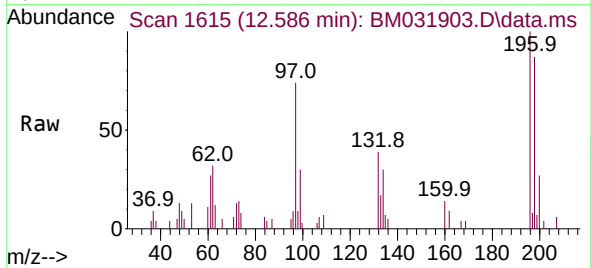




#43
2,4,6-Trichlorophenol
Concen: 2.930 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

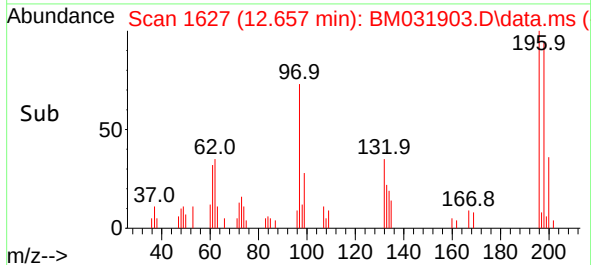
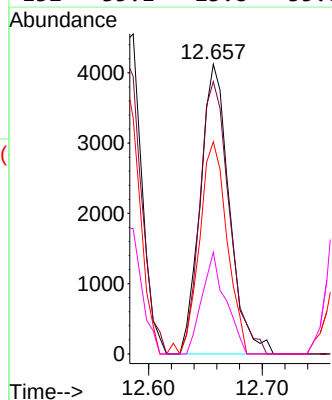
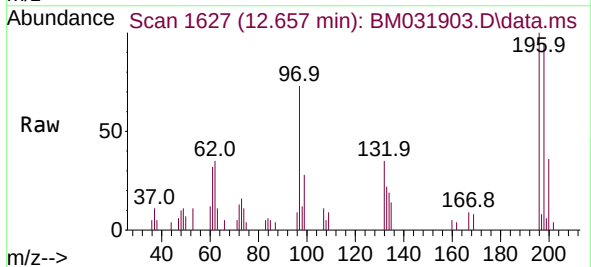
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

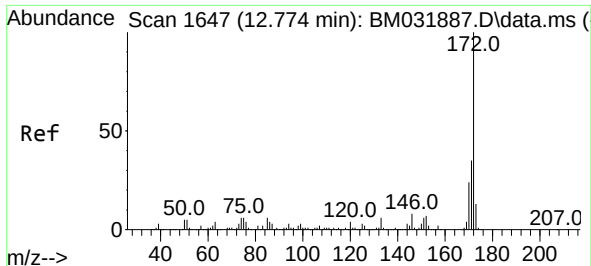
Tgt Ion:196 Resp: 7135
Ion Ratio Lower Upper
196 100
198 86.7 73.6 110.4
200 26.9 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 2.779 ng
RT: 12.657 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:196 Resp: 7315
Ion Ratio Lower Upper
196 100
198 94.0 77.0 115.4
97 73.2 53.9 80.9
132 35.1 23.8 35.8

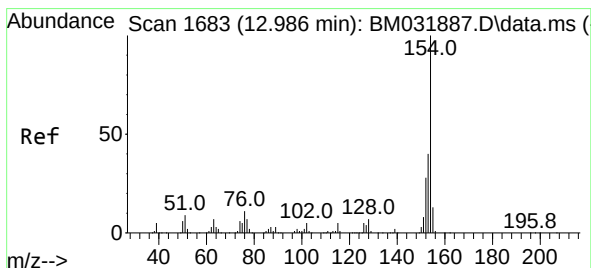
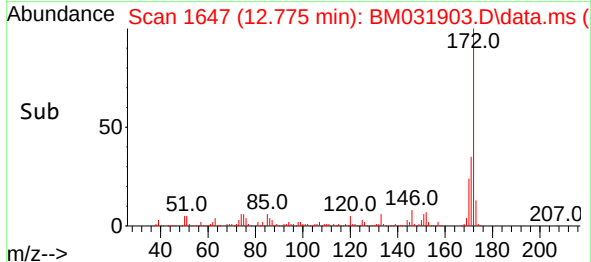
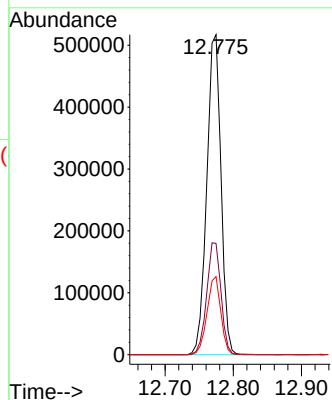
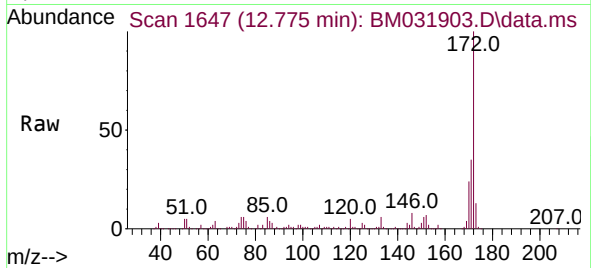




#45
2-Fluorobiphenyl
Concen: 85.393 ng
RT: 12.775 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

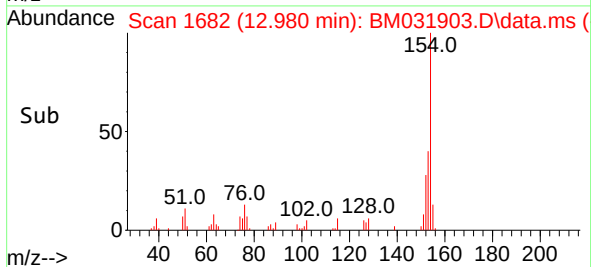
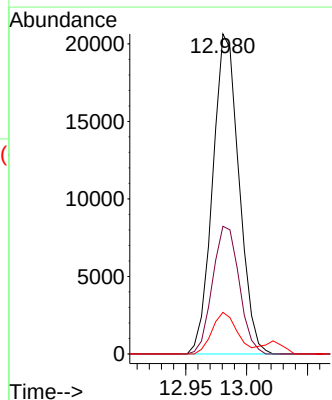
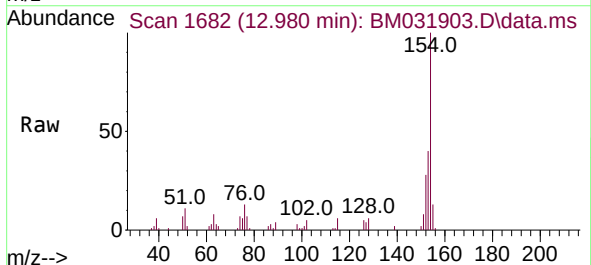
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

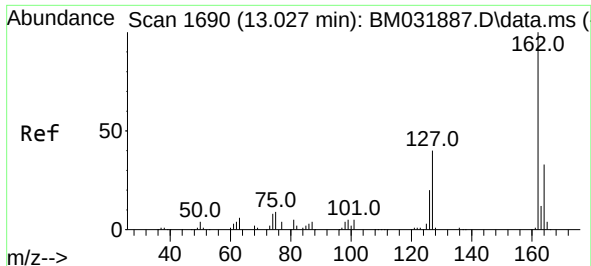
Tgt Ion:172 Resp: 749370
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 24.4 18.6 27.8



#46
1,1'-Biphenyl
Concen: 3.464 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:154 Resp: 31035
Ion Ratio Lower Upper
154 100
153 39.9 20.3 60.3
76 13.0 0.0 33.5

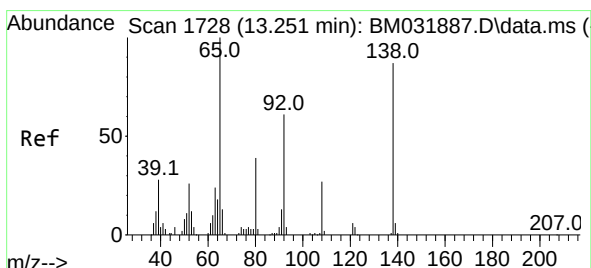
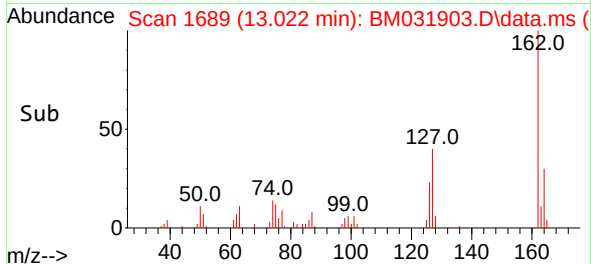
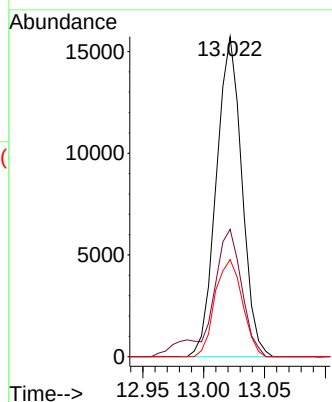
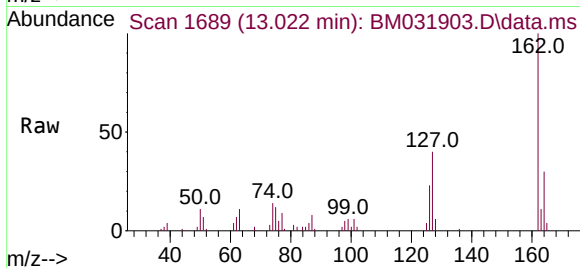




#47
2-Chloronaphthalene
Concen: 3.256 ng
RT: 13.022 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

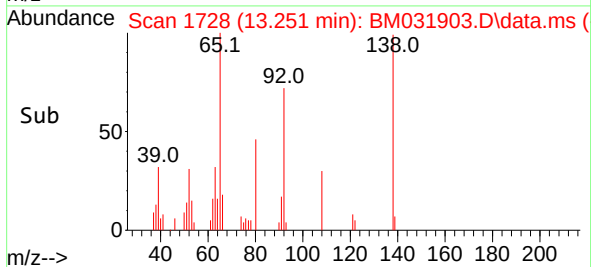
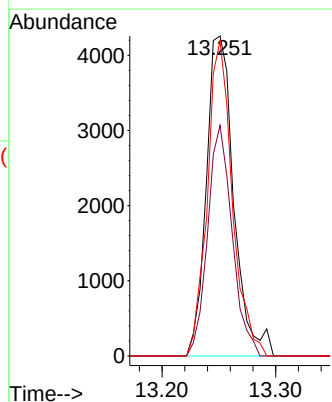
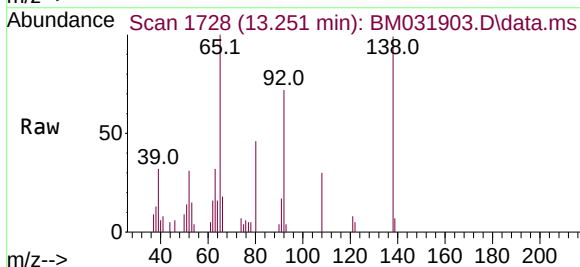
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

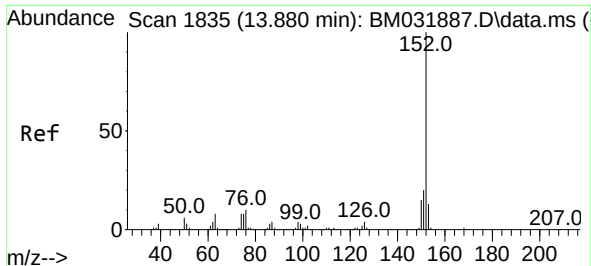
Tgt Ion:162	Resp:	22970
Ion Ratio	Lower	Upper
162	100	
127	39.8	33.2 49.8
164	30.4	25.7 38.5



#48
2-Nitroaniline
Concen: 2.913 ng
RT: 13.251 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion: 65	Resp:	7151
Ion Ratio	Lower	Upper
65	100	
92	72.1	51.2 76.8
138	98.5	66.8 100.2

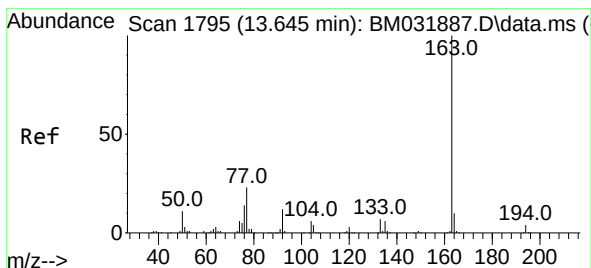
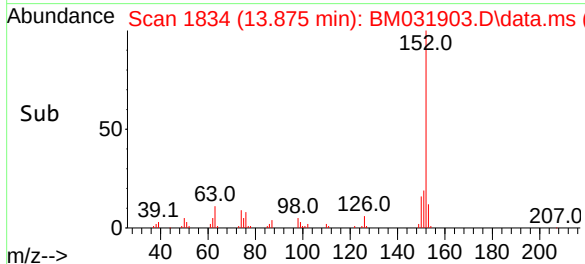
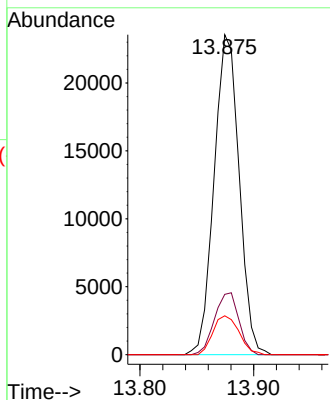
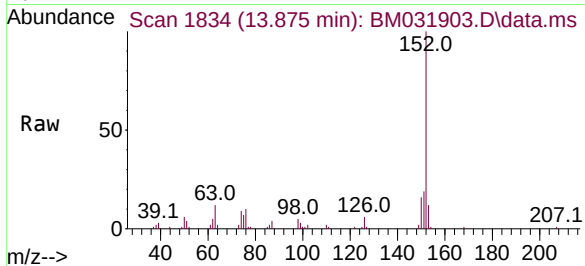




#49
Acenaphthylene
Concen: 3.177 ng
RT: 13.875 min Scan# 1834
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

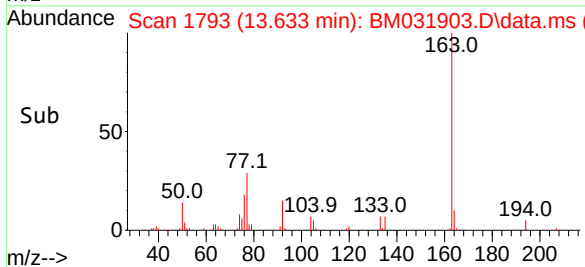
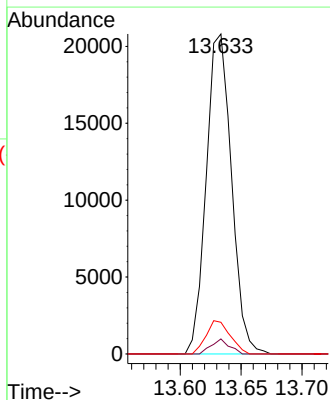
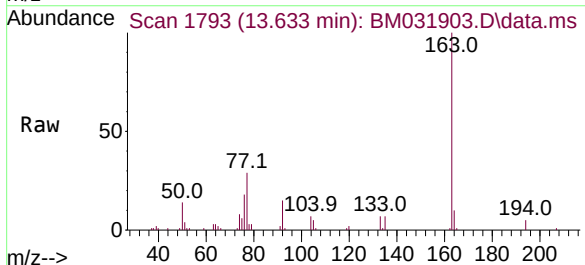
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

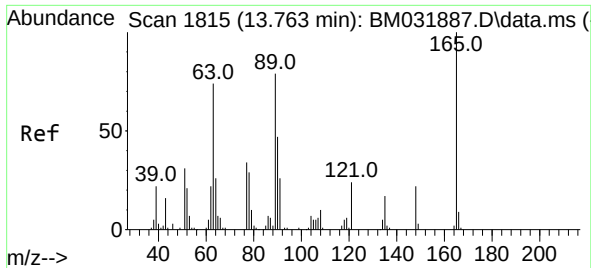
Tgt Ion:152	Resp:	36052
Ion Ratio	Lower	Upper
152	100	
151	18.8	15.7 23.5
153	12.1	10.6 15.8



#50
Dimethylphthalate
Concen: 3.278 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:163	Resp:	30084
Ion Ratio	Lower	Upper
163	100	
194	4.7	2.9 4.3#
164	9.9	8.0 12.0

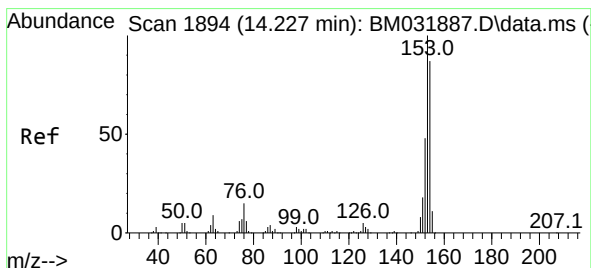
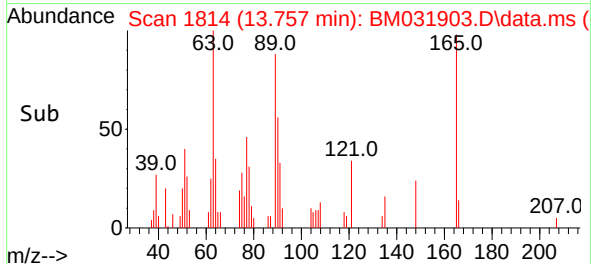
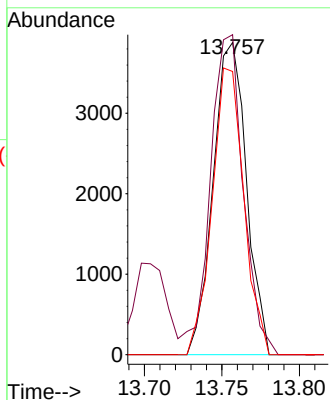
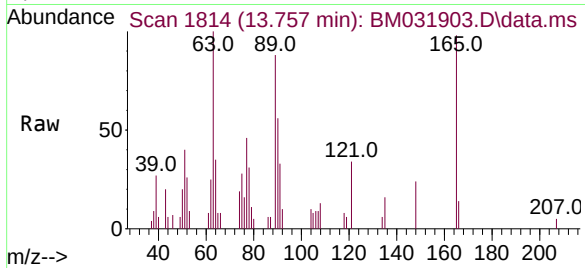




#51
2,6-Dinitrotoluene
Concen: 2.866 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

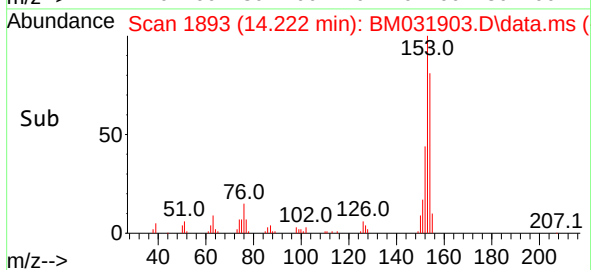
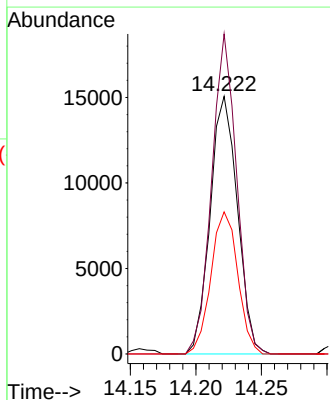
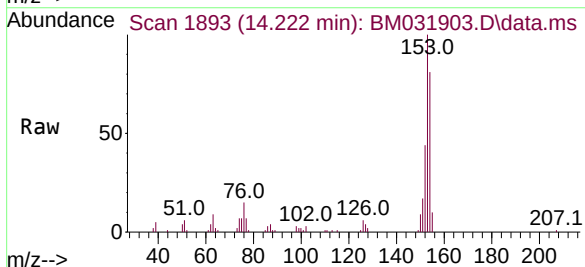
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

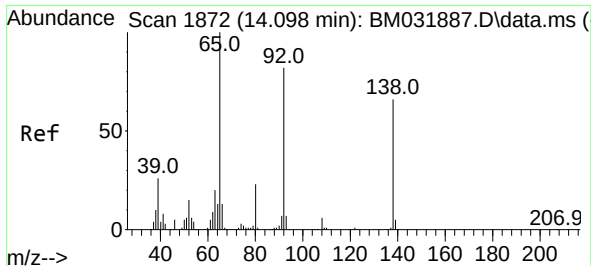
Tgt Ion:165 Resp: 5792
Ion Ratio Lower Upper
165 100
63 102.5 72.4 108.6
89 90.7 69.3 103.9



#52
Acenaphthene
Concen: 3.152 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:154 Resp: 21775
Ion Ratio Lower Upper
154 100
153 124.2 92.4 138.6
152 55.1 43.7 65.5

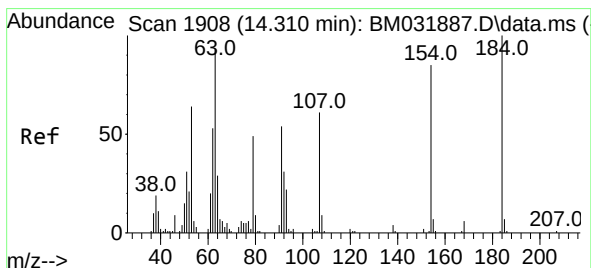
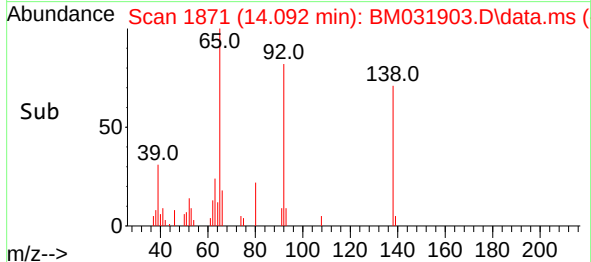
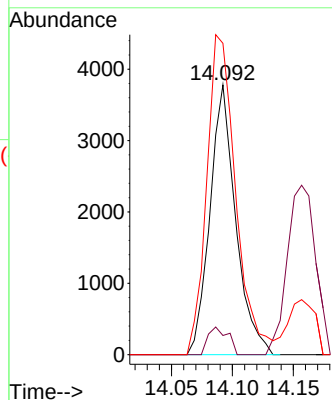
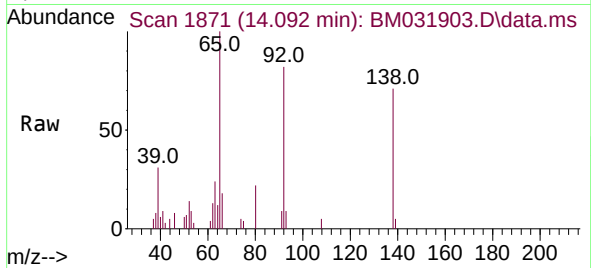




#53
3-Nitroaniline
Concen: 2.829 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

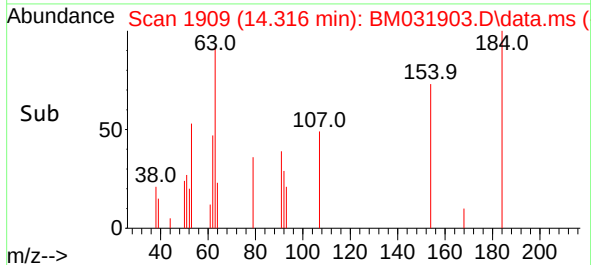
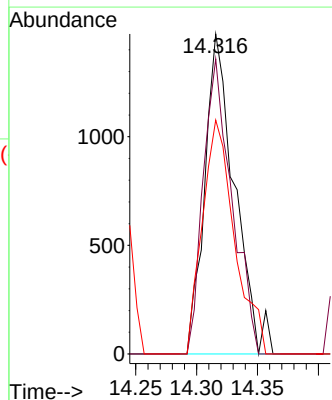
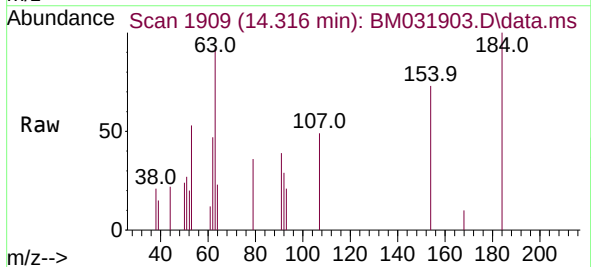
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

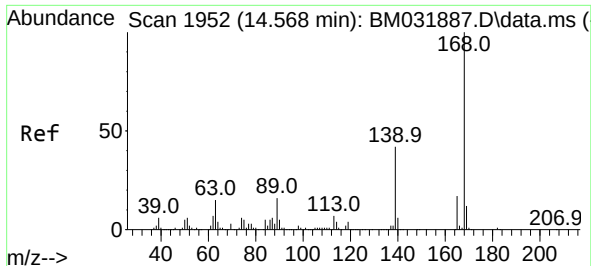
Tgt Ion:138 Resp: 5561
Ion Ratio Lower Upper
138 100
108 7.1 8.3 12.5#
92 115.5 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 2.194 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:184 Resp: 2512
Ion Ratio Lower Upper
184 100
63 92.2 93.8 140.6#
154 73.1 64.0 96.0

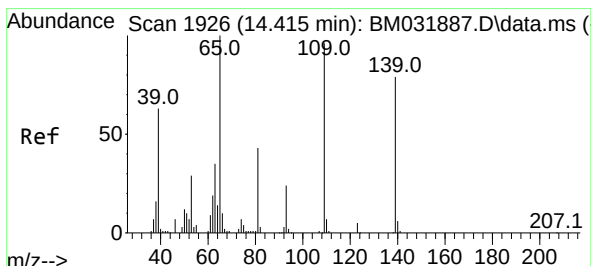
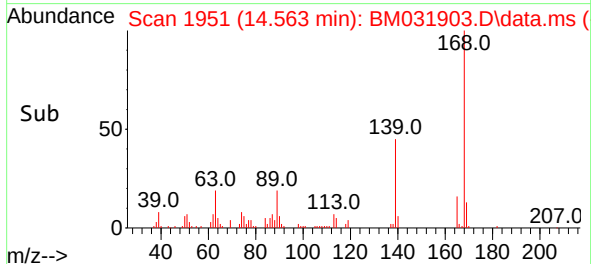
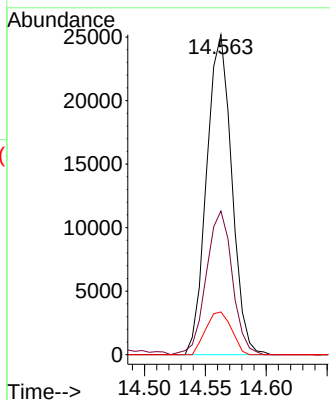
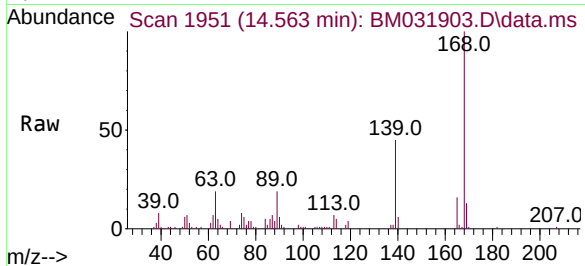




#55
Dibenzofuran
Concen: 3.112 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

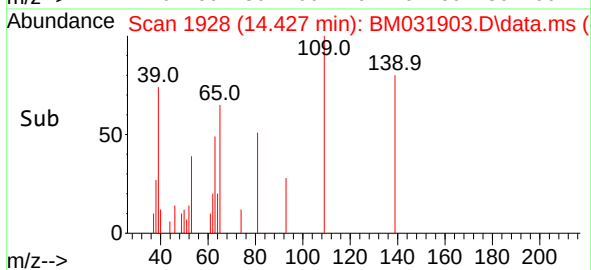
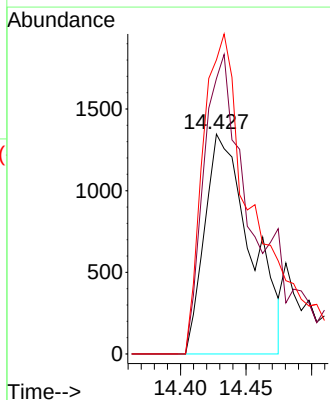
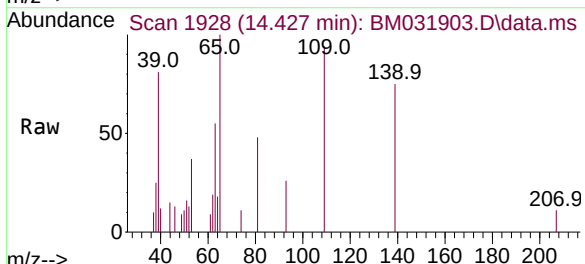
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

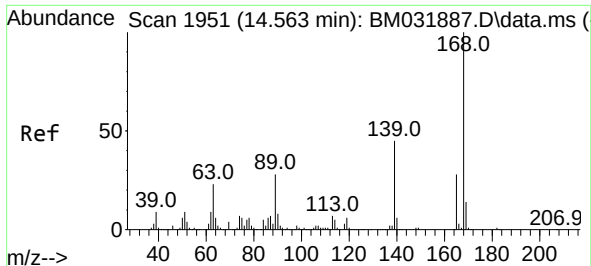
Tgt Ion:168 Resp: 36208
Ion Ratio Lower Upper
168 100
139 44.9 35.0 52.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 2.101 ng
RT: 14.427 min Scan# 1928
Delta R.T. 0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:139 Resp: 3263
Ion Ratio Lower Upper
139 100
109 125.3 92.3 132.3
65 133.8 110.5 150.5

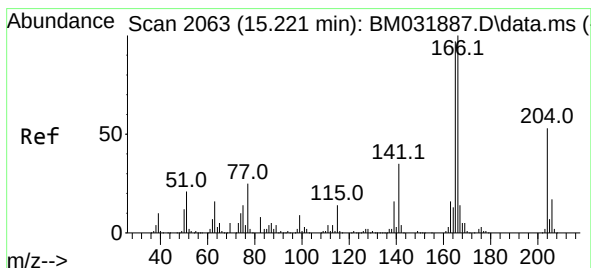
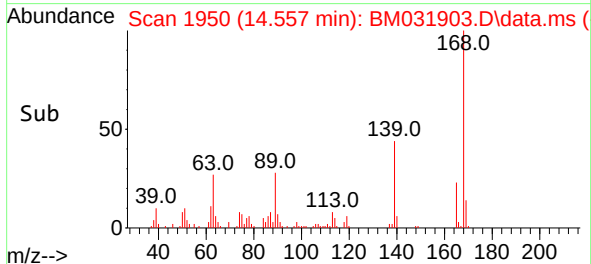
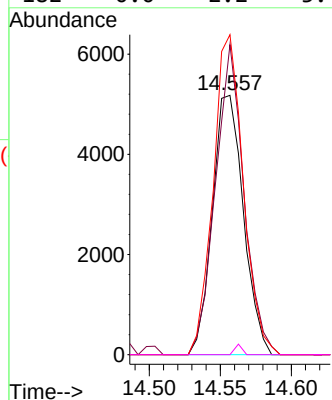
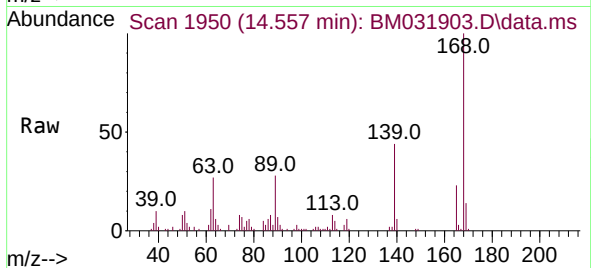




#57
2,4-Dinitrotoluene
Concen: 2.738 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

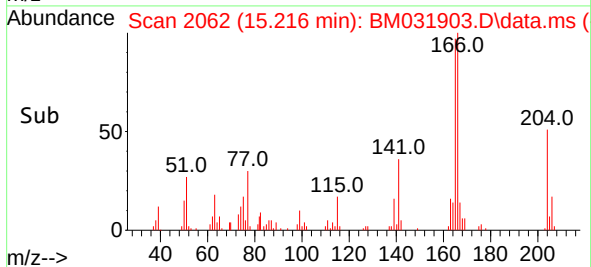
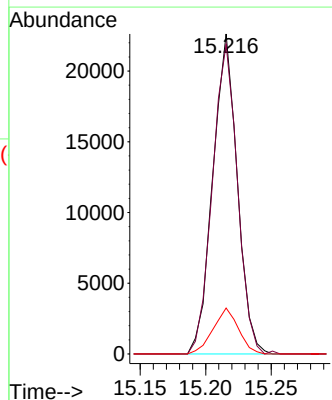
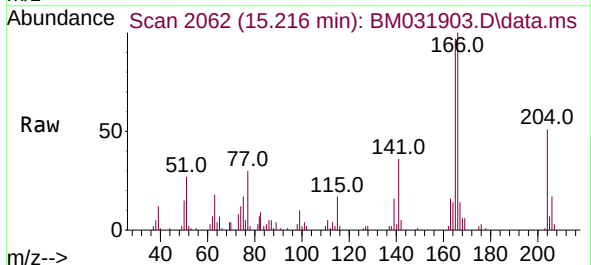
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

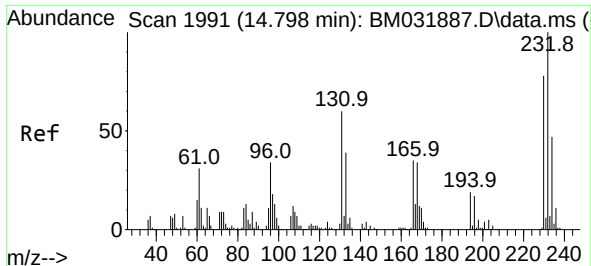
Tgt Ion	Ratio	Lower	Upper
165	100		
63	119.6	70.3	105.5#
89	123.4	83.1	124.7
182	0.0	2.2	3.4#



#58
Fluorene
Concen: 3.077 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	79.3	118.9
167	14.4	10.6	16.0

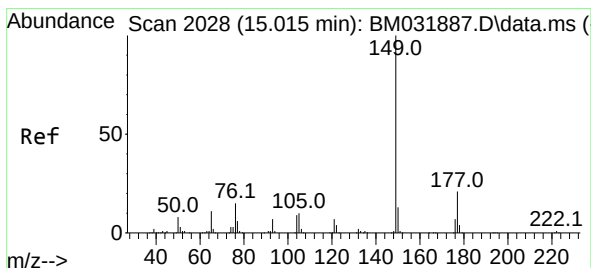
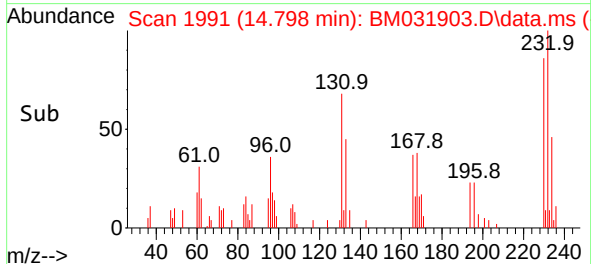
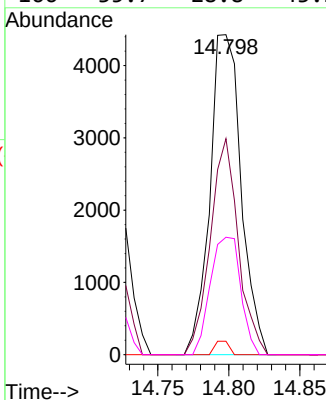
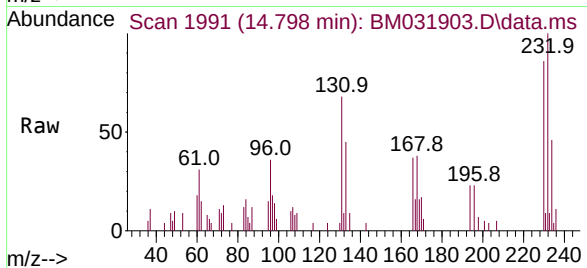




#59
2,3,4,6-Tetrachlorophenol
Concen: 2.948 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

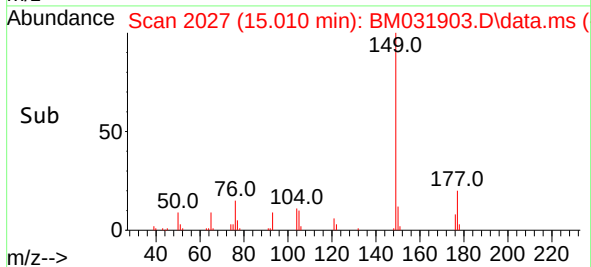
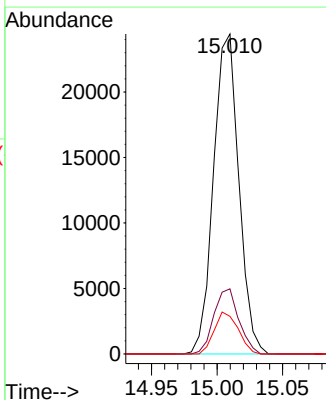
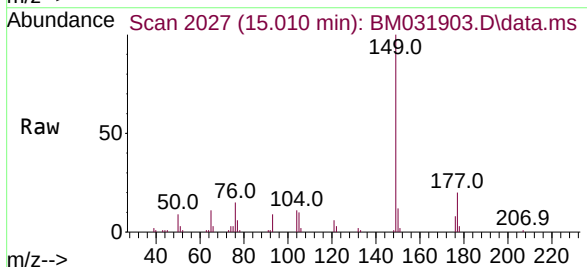
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

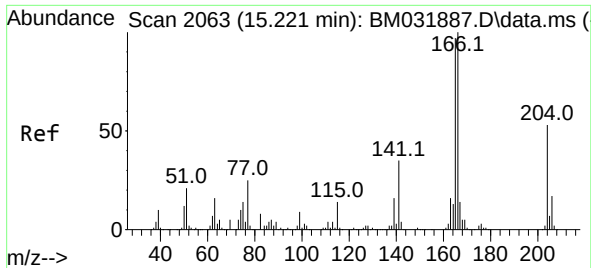
Tgt Ion:	232	Resp:	6774
Ion Ratio	Lower	Upper	
232	100		
131	60.5	50.6	75.8
130	1.9	3.0	4.4#
166	35.7	28.8	43.2



#60
Diethylphthalate
Concen: 3.268 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	149	Resp:	32734
Ion Ratio	Lower	Upper	
149	100		
177	20.4	15.7	23.5
150	11.7	9.6	14.4

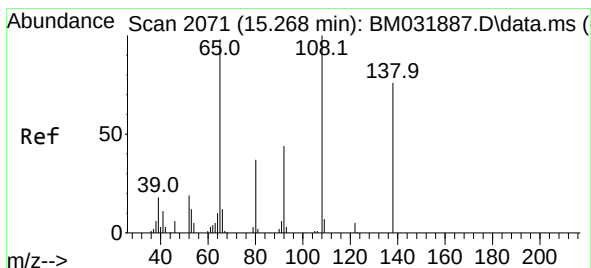
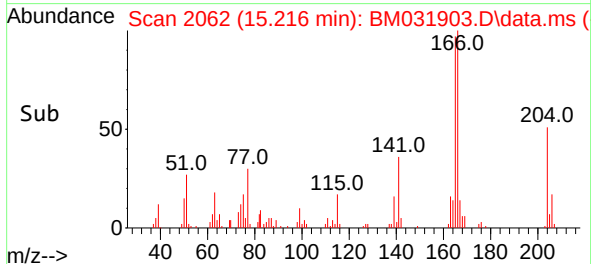
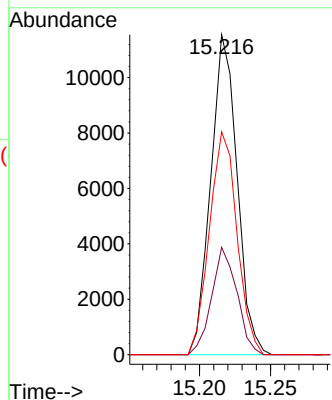
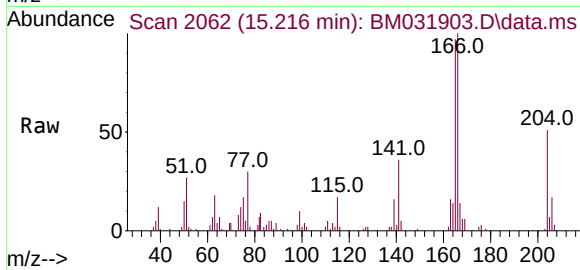




#61
4-Chlorophenyl-phenylether
Concen: 3.152 ng
RT: 15.216 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

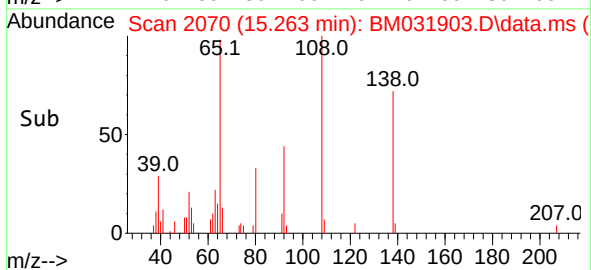
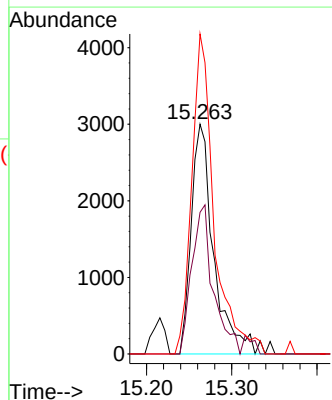
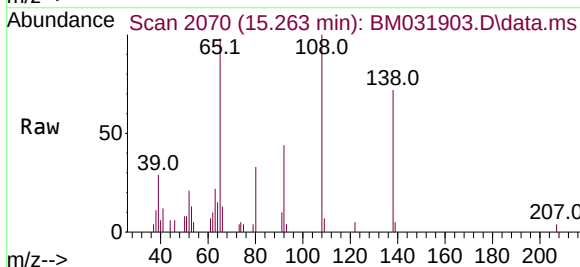
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

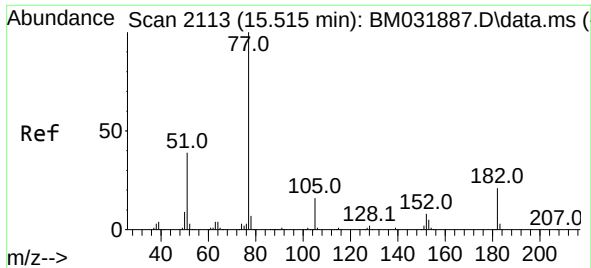
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.7	40.1
141	69.7	55.8	83.8



#62
4-Nitroaniline
Concen: 2.934 ng
RT: 15.263 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.6	40.6	80.6
108	139.3	103.8	143.8

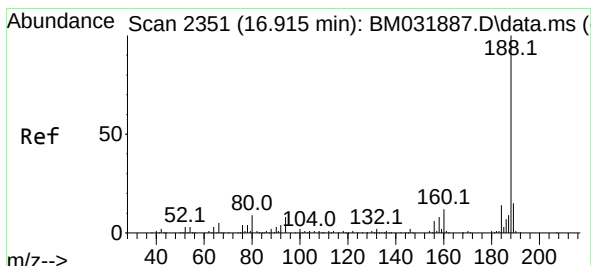
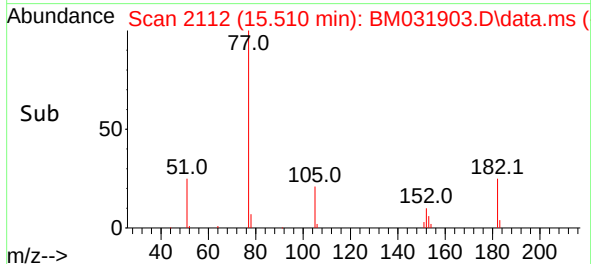
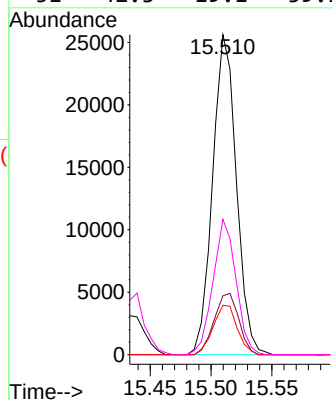
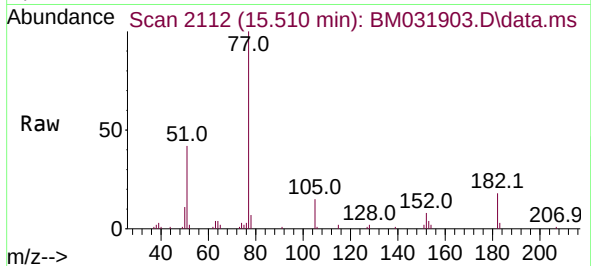




#63
Azobenzene
Concen: 3.147 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

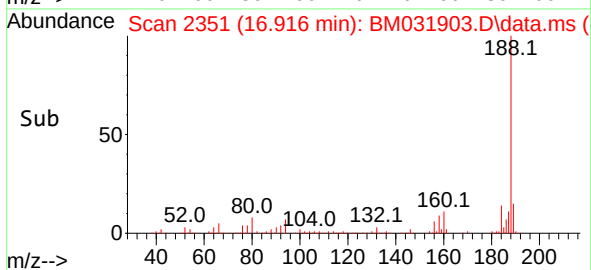
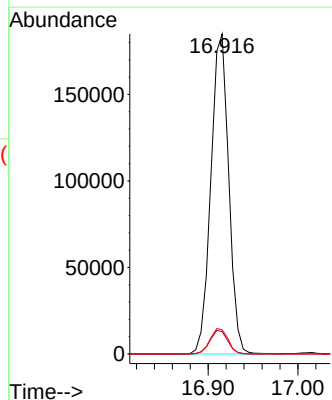
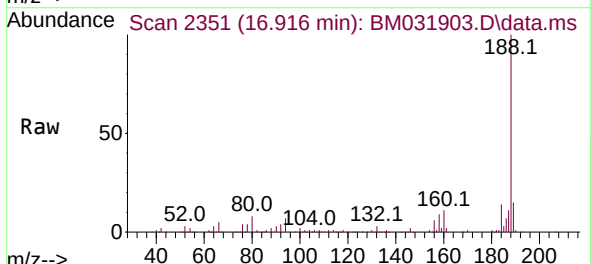
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

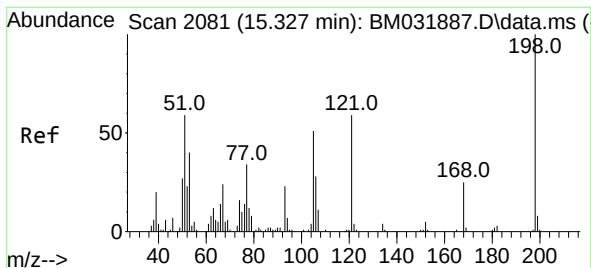
Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.4	0.0	39.3
105	15.5	0.0	36.1
51	42.3	19.1	59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.916 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.0	6.3	9.5
80	7.6	7.3	10.9

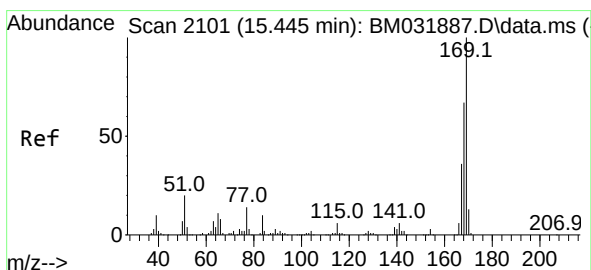
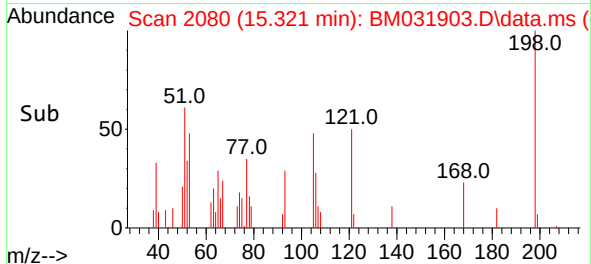
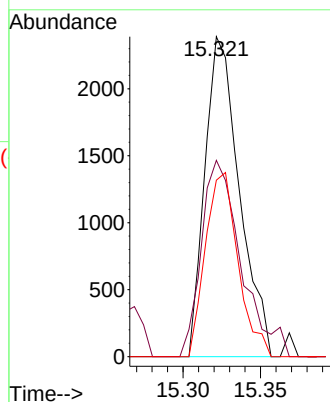
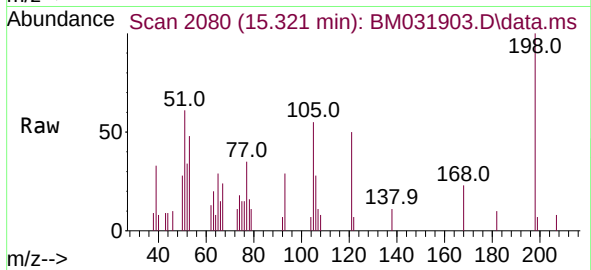




#65
4,6-Dinitro-2-methylphenol
Concen: 2.103 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

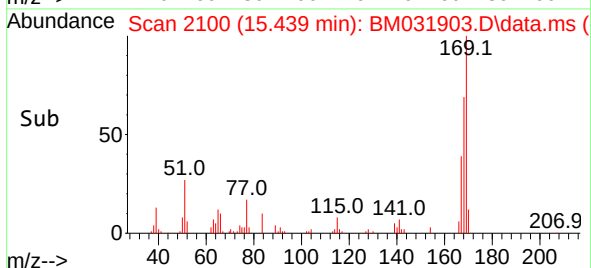
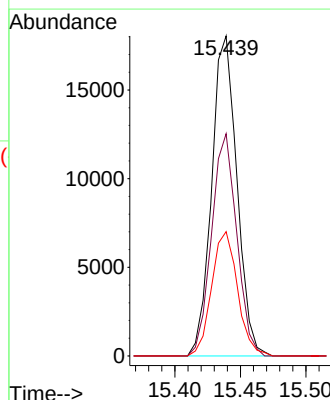
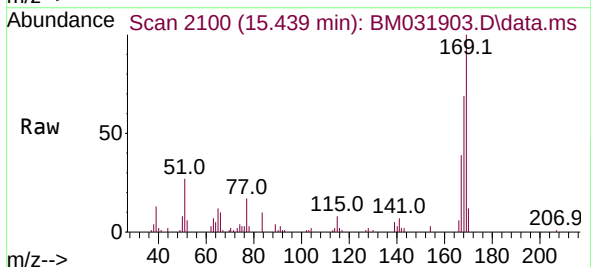
Instrument :
BNA_M
ClientSampleId :
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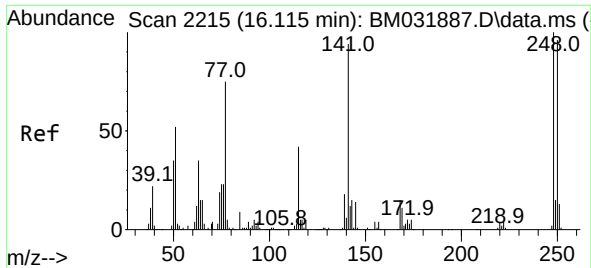
Tgt Ion:198	Resp:	3693
Ion Ratio	Lower	Upper
198	100	
51	61.3	49.7 89.7
105	55.2	34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 2.843 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:169	Resp:	24160
Ion Ratio	Lower	Upper
169	100	
168	69.4	55.0 82.4
167	38.8	29.8 44.8

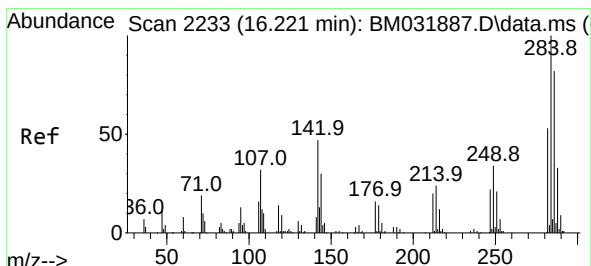
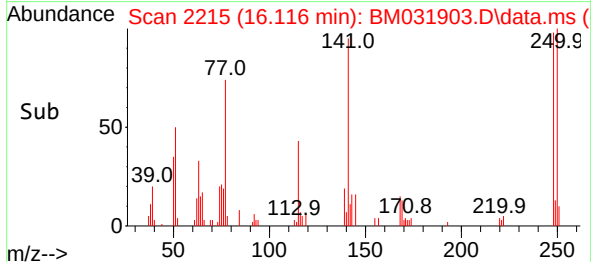
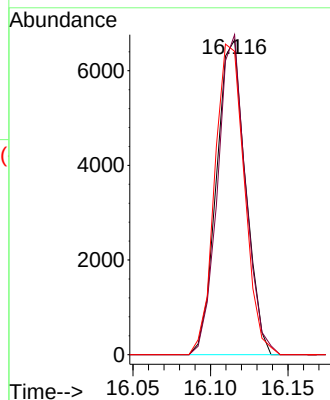
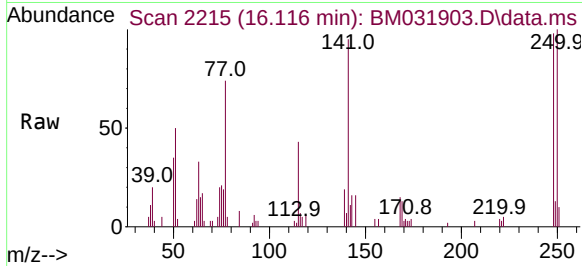




#67
4-Bromophenyl-phenylether
Concen: 3.045 ng
RT: 16.116 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

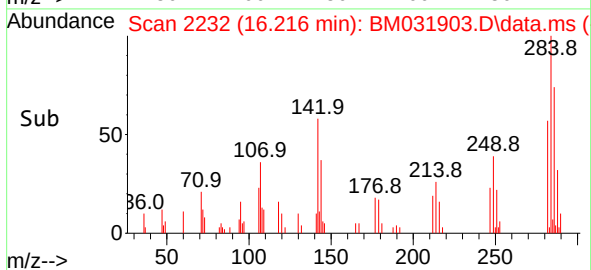
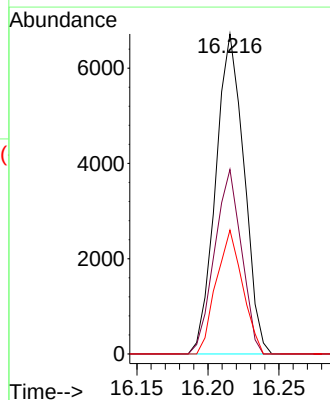
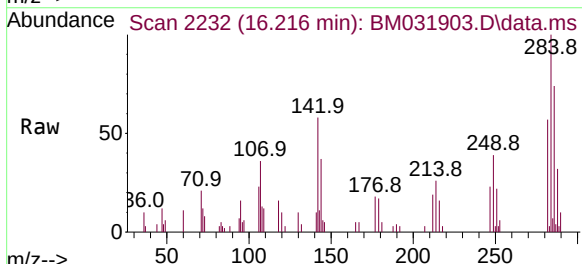
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

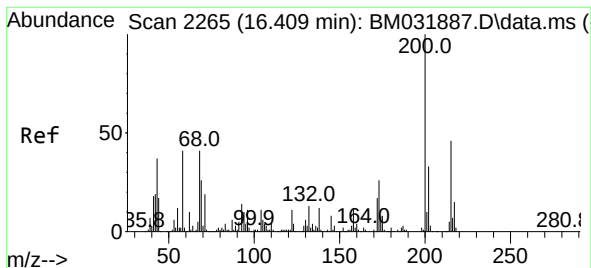
Tgt Ion:	248	Resp:	8673
Ion	Ratio	Lower	Upper
248	100		
250	101.6	77.4	116.2
141	96.3	74.1	111.1



#68
Hexachlorobenzene
Concen: 3.101 ng
RT: 16.216 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	284	Resp:	9334
Ion	Ratio	Lower	Upper
284	100		
142	57.7	43.0	64.6
249	38.7	27.6	41.4





#69

Atrazine

Concen: 3.294 ng

RT: 16.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

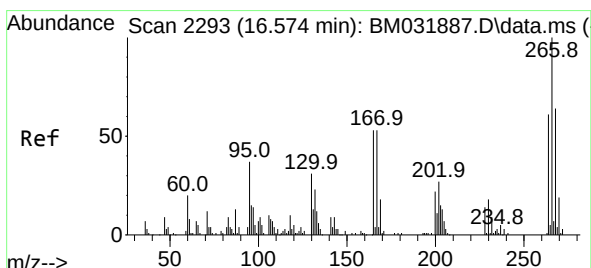
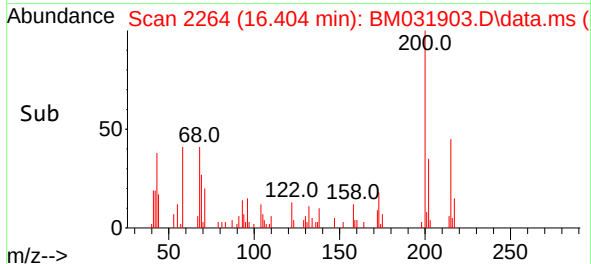
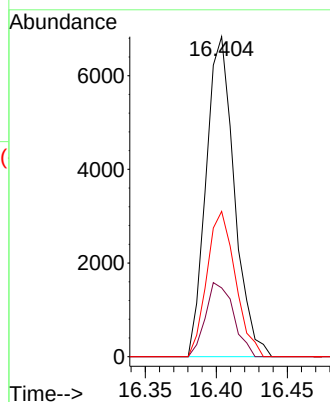
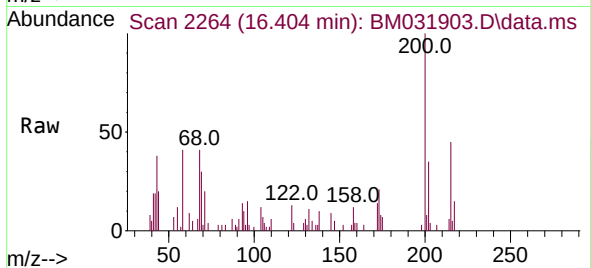
Tgt Ion:200 Resp: 9438

Ion Ratio Lower Upper

200 100

173 21.5 5.8 45.8

215 45.4 23.6 63.6



#70

Pentachlorophenol

Concen: 2.553 ng

RT: 16.574 min Scan# 2293

Delta R.T. 0.000 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

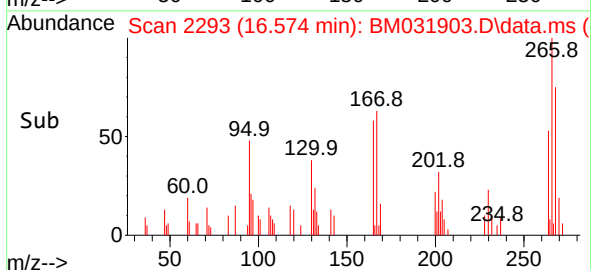
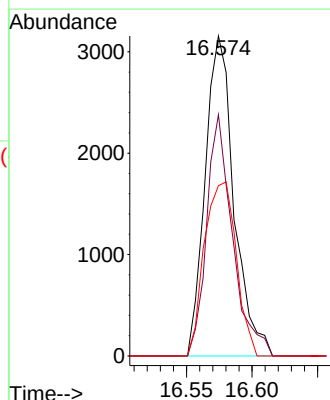
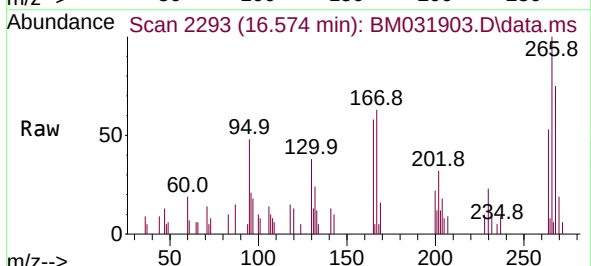
Tgt Ion:266 Resp: 4827

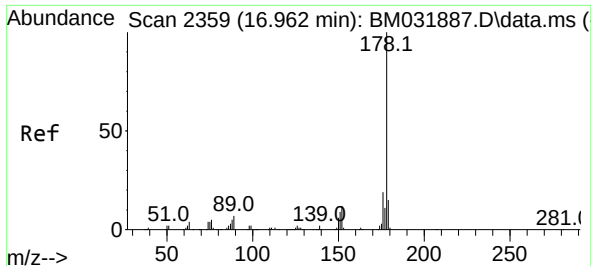
Ion Ratio Lower Upper

266 100

268 75.4 50.3 75.5

264 61.1 52.1 78.1

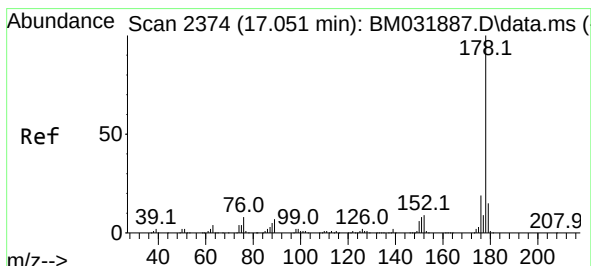
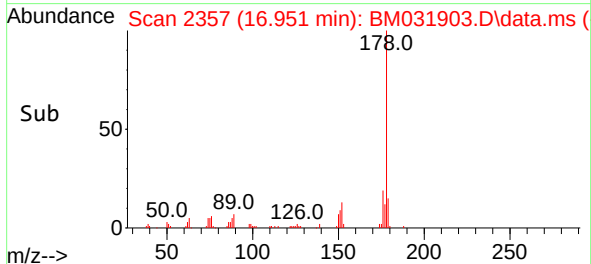
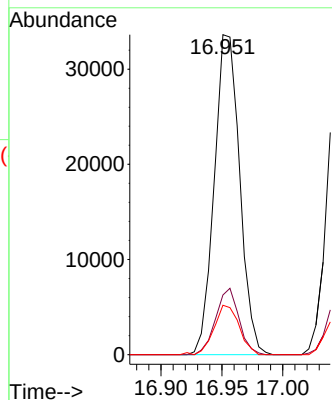
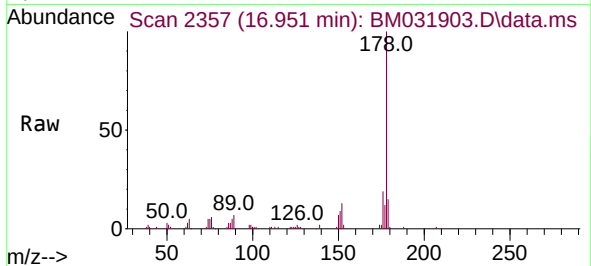




#71
Phenanthrene
Concen: 3.253 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

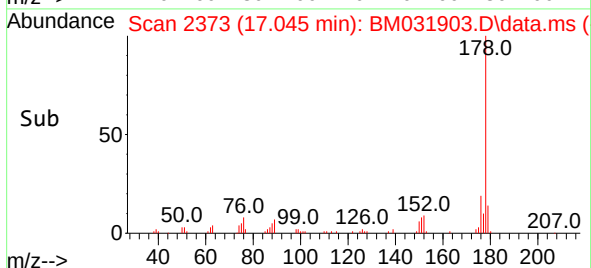
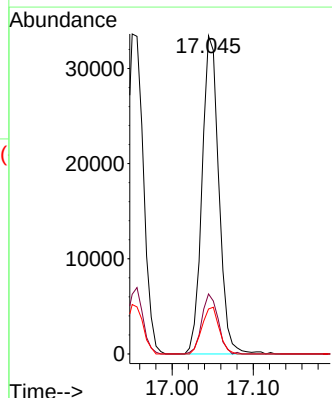
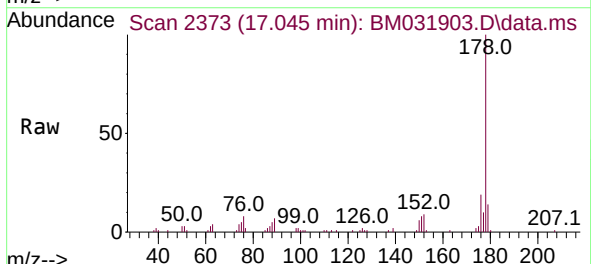
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

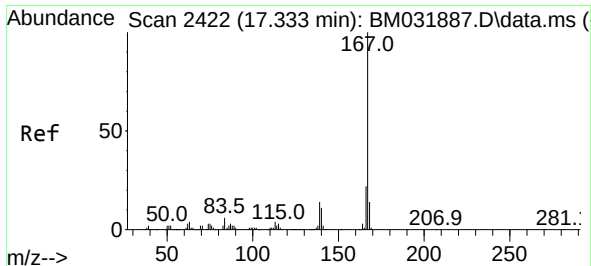
Tgt Ion:178	Resp:	48835
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.6 23.4
179	15.5	12.4 18.6



#72
Anthracene
Concen: 3.274 ng
RT: 17.045 min Scan# 2373
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:178	Resp:	48081
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.8 22.2
179	14.1	12.3 18.5

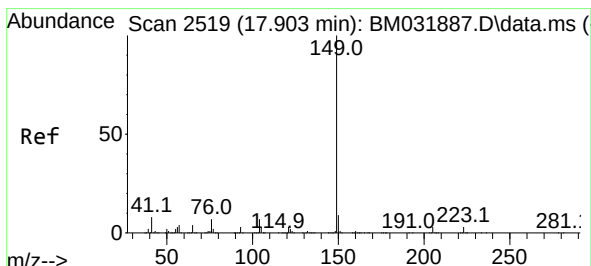
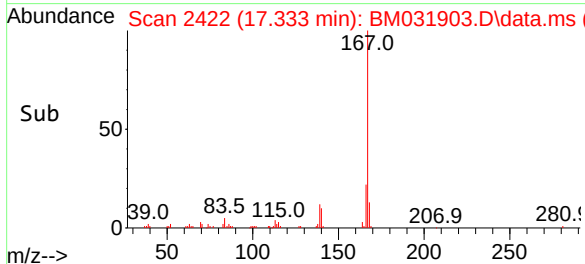
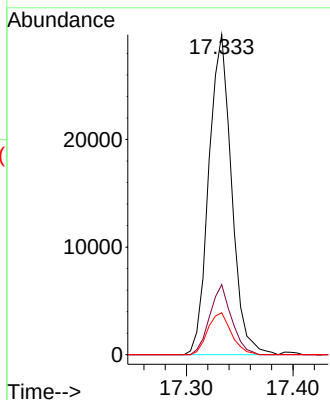
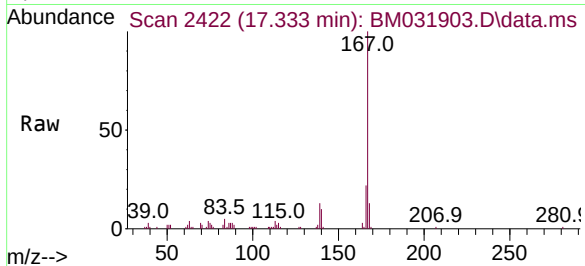




#73
 Carbazole
 Concen: 3.180 ng
 RT: 17.333 min Scan# 2422
 Delta R.T. 0.000 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23

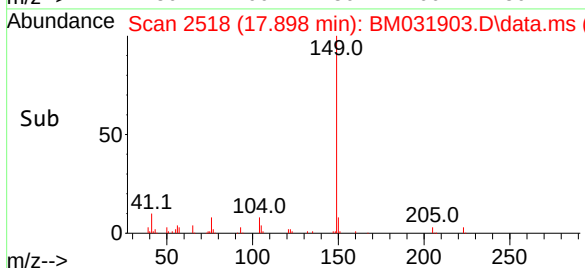
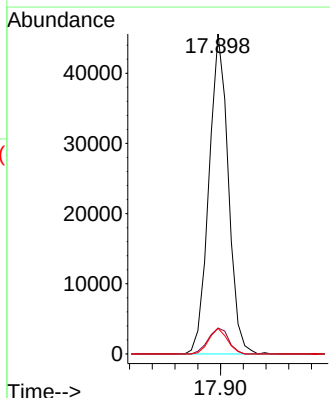
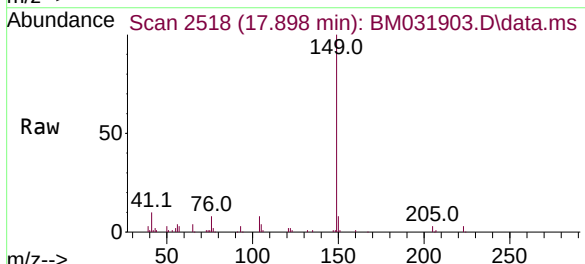
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

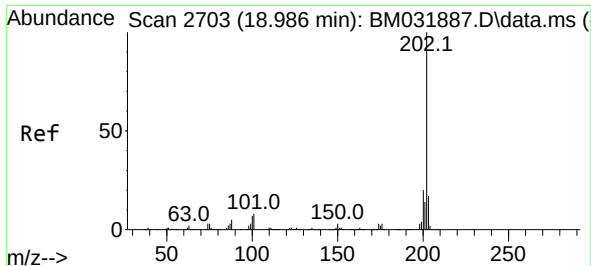
Tgt Ion:167	Resp:	44106
Ion Ratio	Lower	Upper
167	100	
166	21.9	17.4 26.0
139	13.1	11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 3.095 ng
 RT: 17.898 min Scan# 2518
 Delta R.T. -0.006 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23

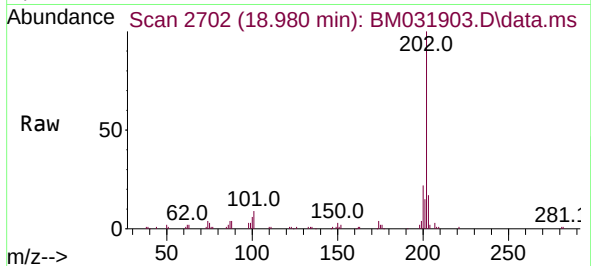
Tgt Ion:149	Resp:	53886
Ion Ratio	Lower	Upper
149	100	
150	8.1	7.3 10.9
104	8.0	5.6 8.4



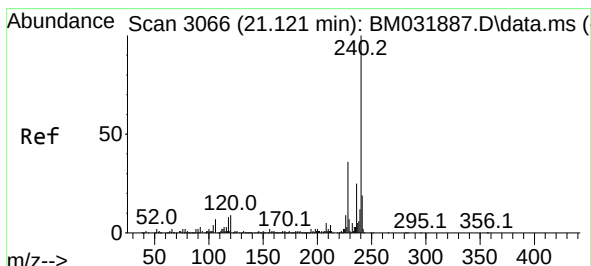
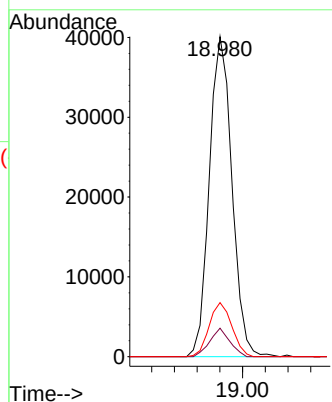
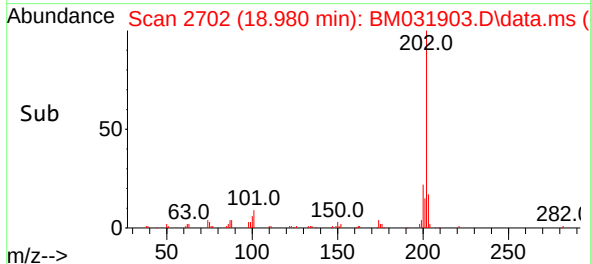


#75
Fluoranthene
Concen: 3.383 ng
RT: 18.980 min Scan# 2702
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

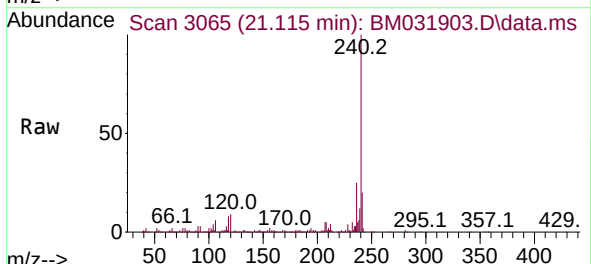
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



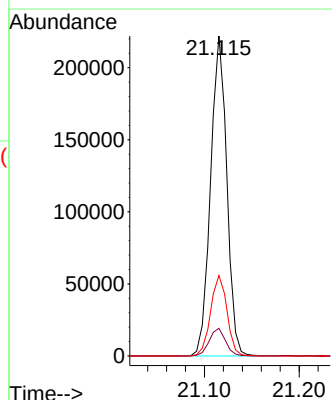
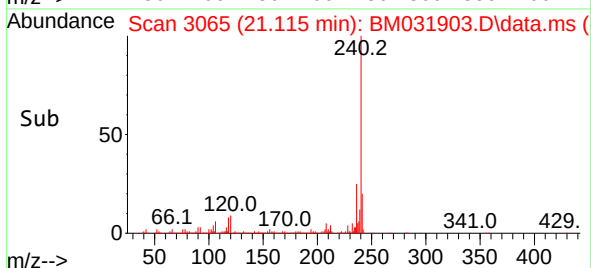
Tgt Ion:	202	Resp:	55471
Ion Ratio	Lower	Upper	
202	100		
101	8.9	0.0	29.9
203	16.9	0.0	36.8

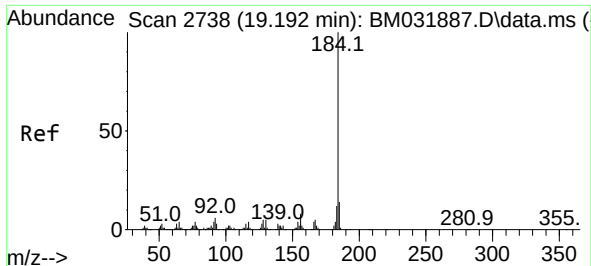


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23



Tgt Ion:	240	Resp:	263793
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.8	11.6
236	25.2	20.9	31.3

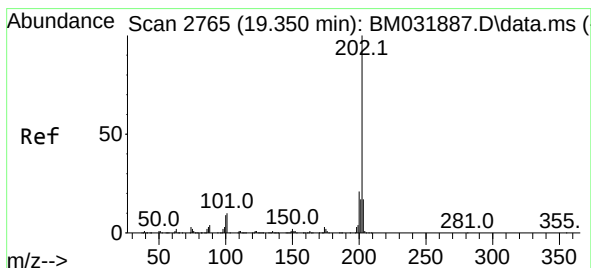
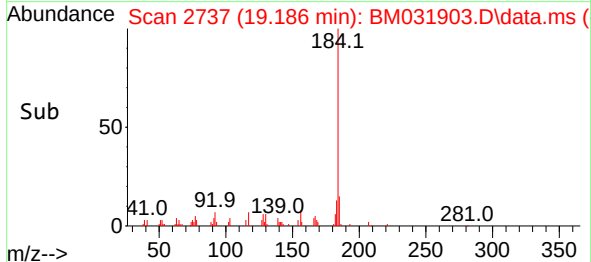
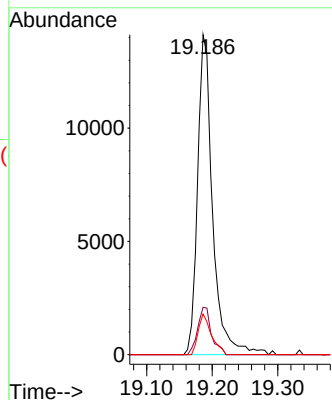
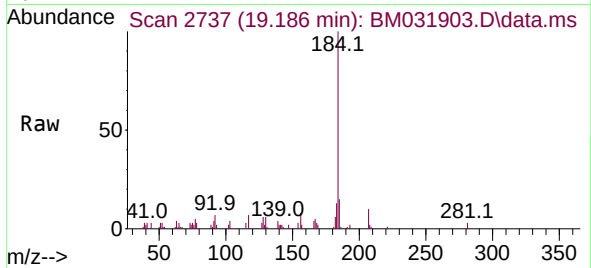




#77
Benzidine
Concen: 3.279 ng
RT: 19.186 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

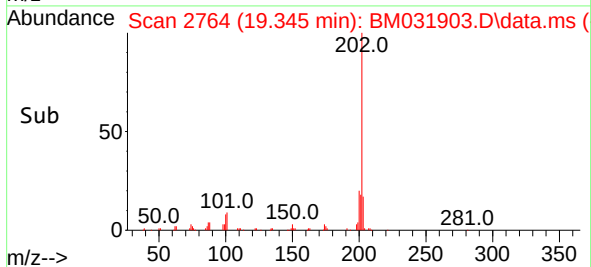
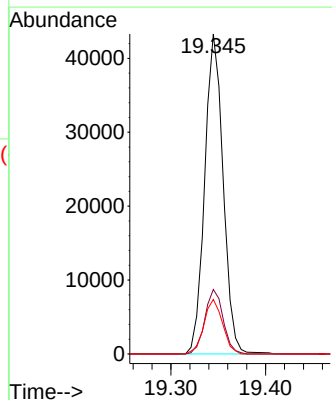
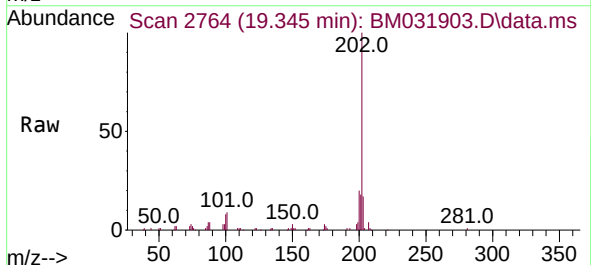
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

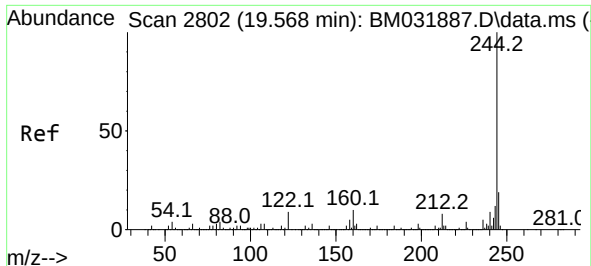
Tgt Ion:184 Resp: 22627
Ion Ratio Lower Upper
184 100
185 14.8 10.6 16.0
183 12.7 9.0 13.4



#78
Pyrene
Concen: 2.651 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

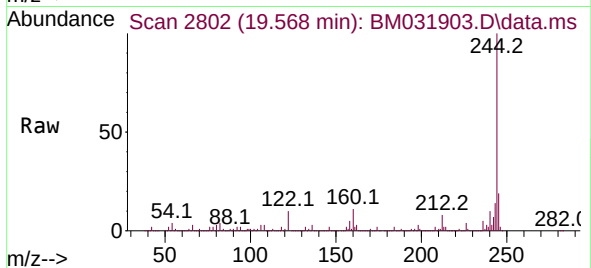
Tgt Ion:202 Resp: 58486
Ion Ratio Lower Upper
202 100
200 20.2 16.6 25.0
203 17.1 13.7 20.5



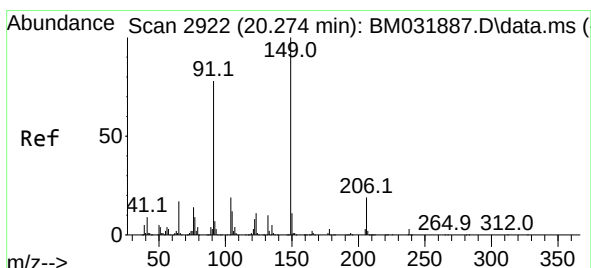
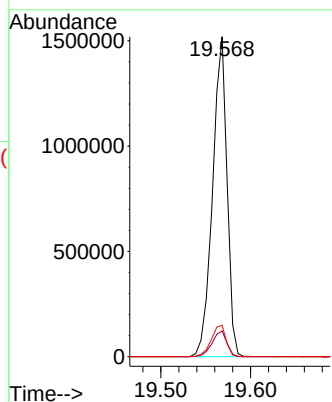
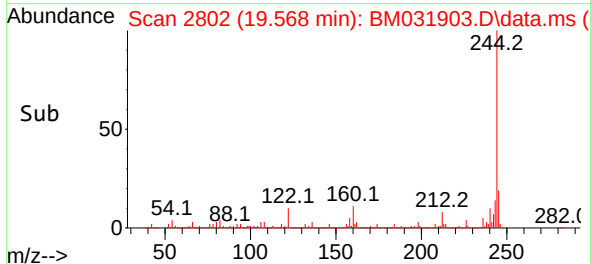


#79
 Terphenyl-d14
 Concen: 92.692 ng
 RT: 19.568 min Scan# 2802
 Delta R.T. 0.000 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23

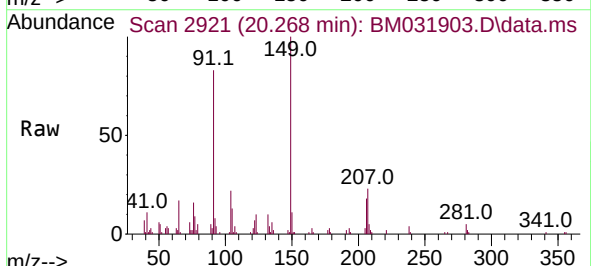
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021



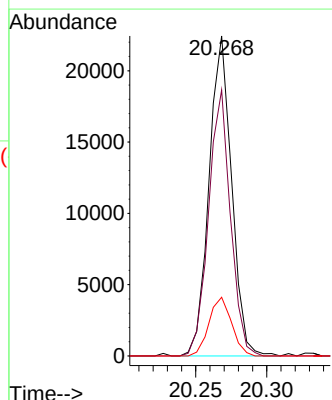
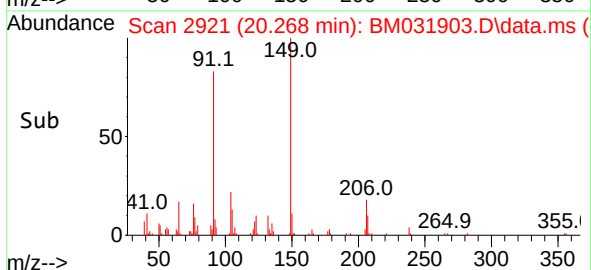
Tgt Ion:244 Resp: 1693902
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 9.8 8.7 13.1

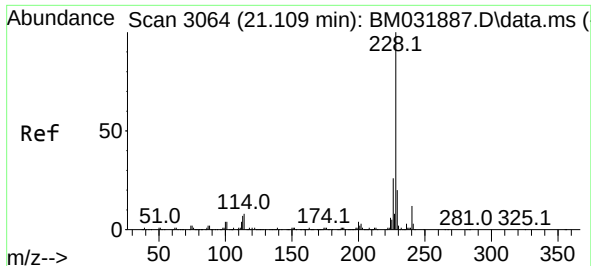


#80
 Butylbenzylphthalate
 Concen: 2.618 ng
 RT: 20.268 min Scan# 2921
 Delta R.T. -0.006 min
 Lab File: BM031903.D
 Acq: 26 Aug 2021 00:23



Tgt Ion:149 Resp: 24838
 Ion Ratio Lower Upper
 149 100
 91 83.2 64.0 96.0
 206 18.3 14.4 21.6

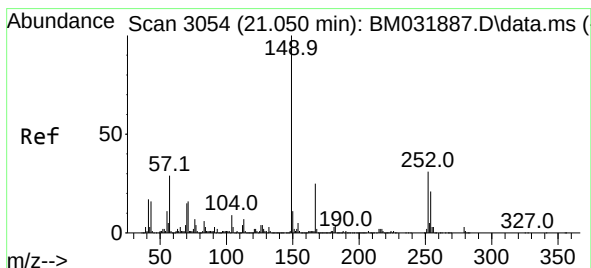
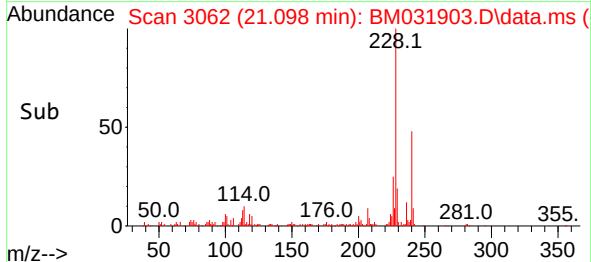
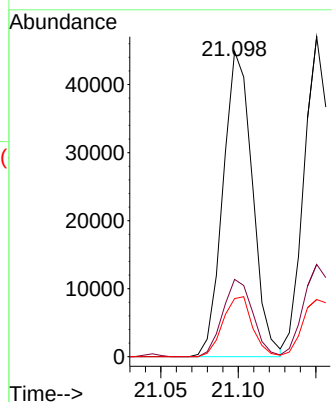
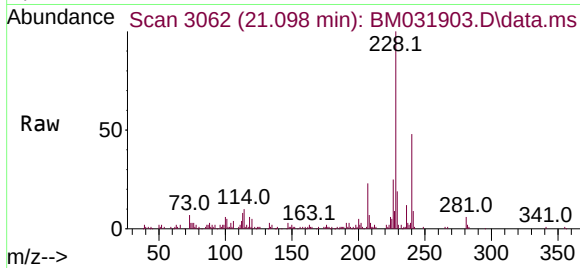




#81
Benzo(a)anthracene
Concen: 3.118 ng
RT: 21.098 min Scan# 3062
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

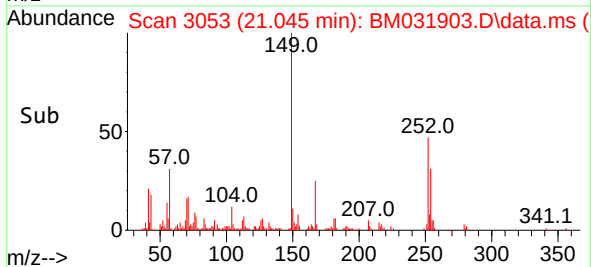
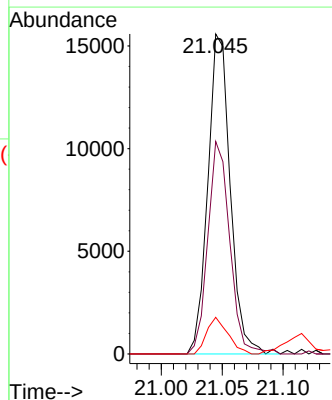
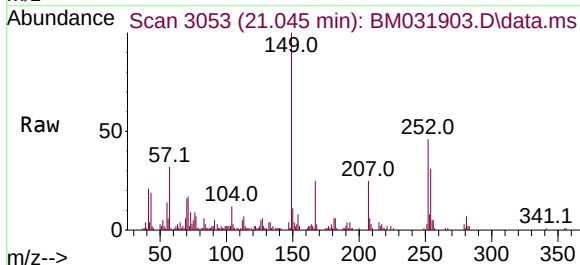
Instrument :
BNA_M
ClientSampleId :
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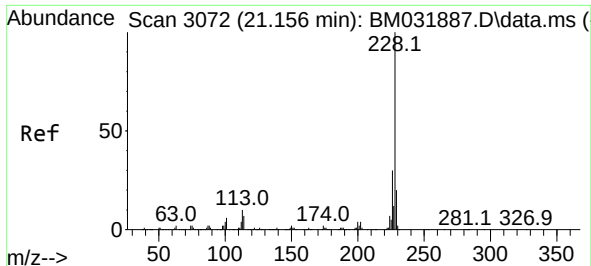
Tgt Ion:228	Resp:	59154
Ion Ratio	Lower	Upper
228	100	
226	25.3	21.4 32.2
229	19.0	15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 3.662 ng
RT: 21.045 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:252	Resp:	19981
Ion Ratio	Lower	Upper
252	100	
254	66.4	51.6 77.4
126	11.5	9.7 14.5

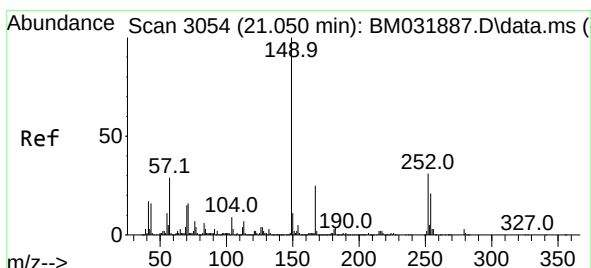
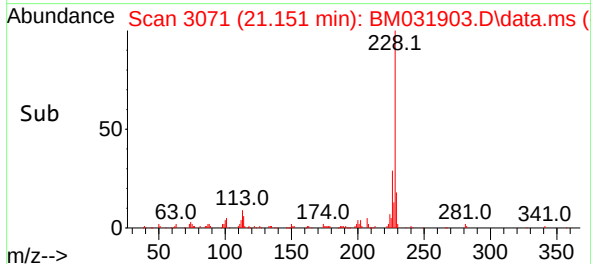
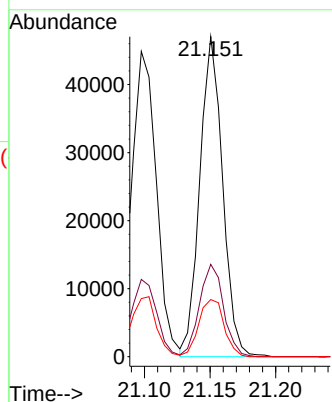
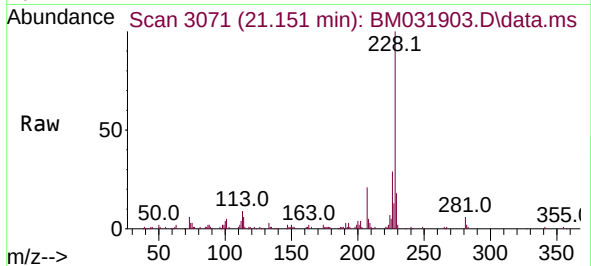




#83
Chrysene
Concen: 3.119 ng
RT: 21.151 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

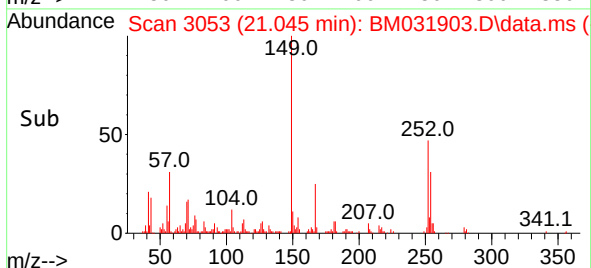
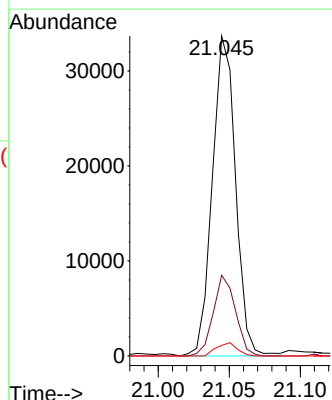
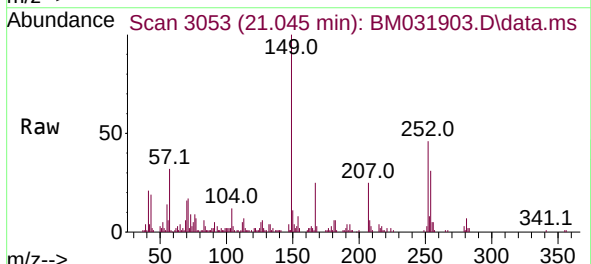
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

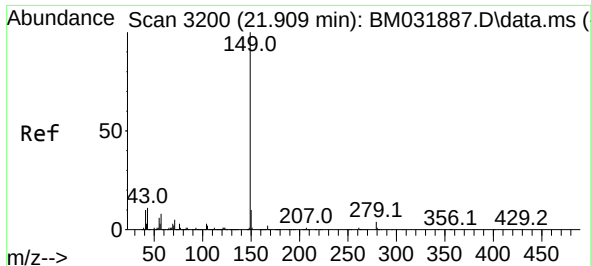
Tgt Ion:	228	Resp:	57066
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.0	36.0
229	17.9	16.0	24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.806 ng
RT: 21.045 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	149	Resp:	38306
Ion Ratio	Lower	Upper	
149	100		
167	25.2	19.7	29.5
279	3.3	2.6	4.0

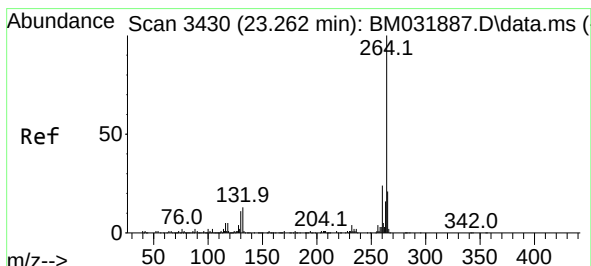
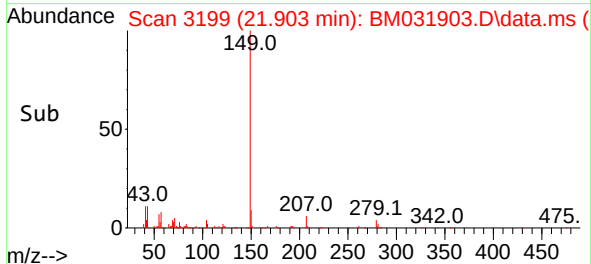
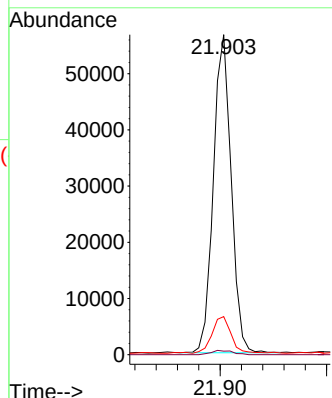
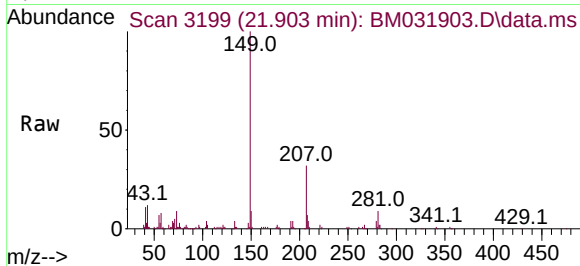




#85
Di-n-octyl phthalate
Concen: 3.193 ng
RT: 21.903 min Scan# 3199
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

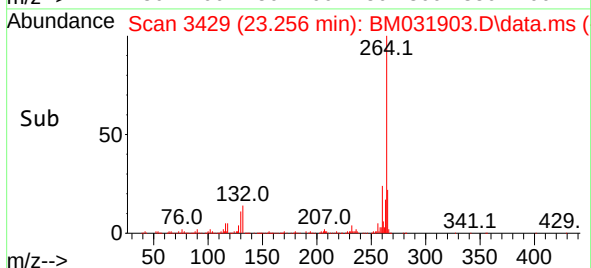
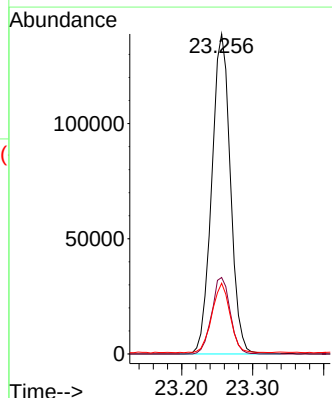
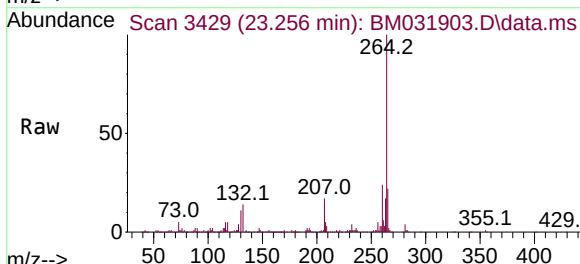
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

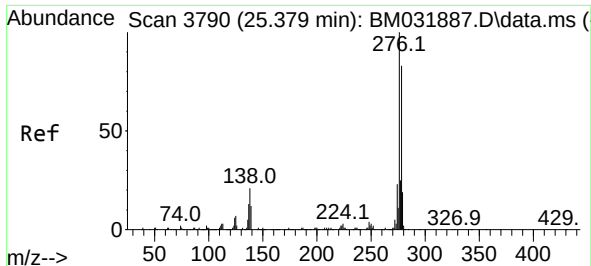
Tgt Ion:149 Resp: 65672
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.8 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.256 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:264 Resp: 253148
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.1 18.3 27.5

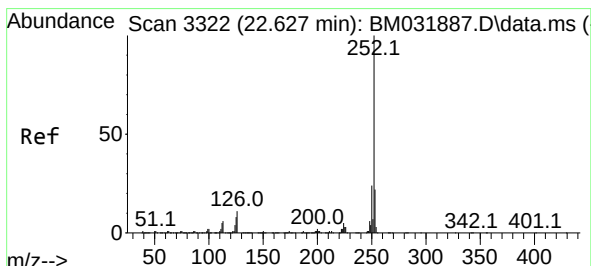
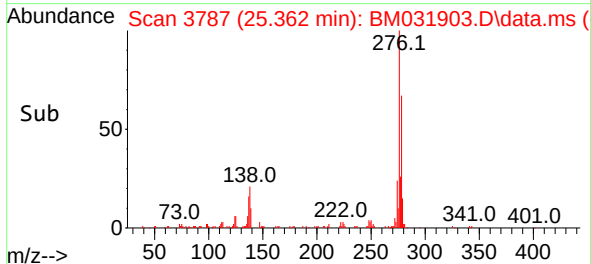
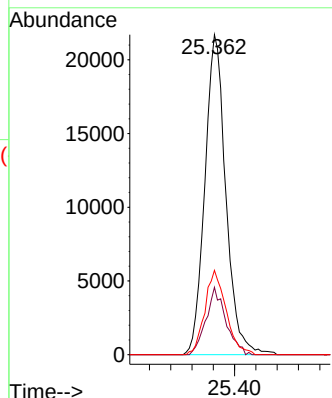
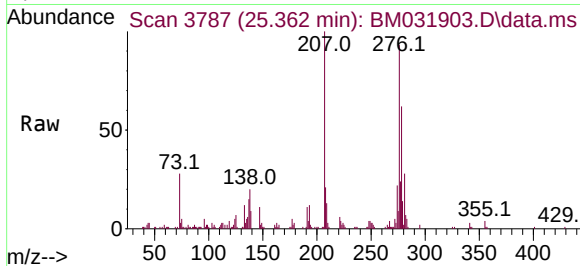




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.389 ng
RT: 25.362 min Scan# 3787
Delta R.T. -0.017 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

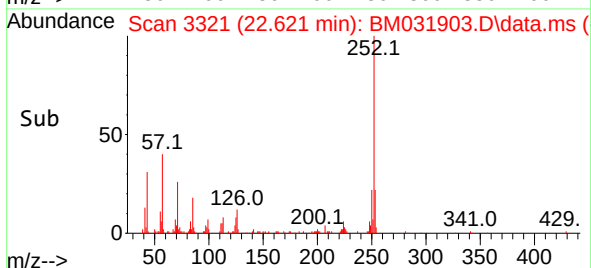
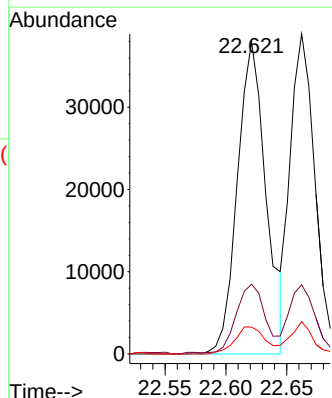
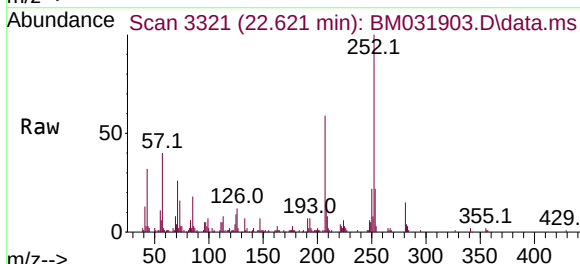
Instrument :
BNA_M
ClientSampleId :
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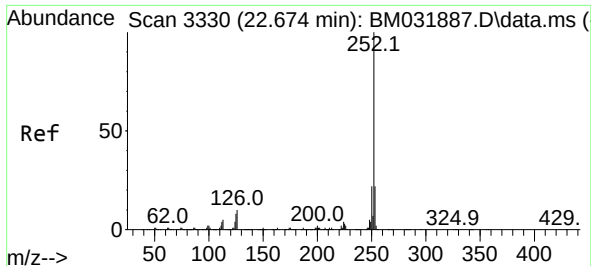
Tgt Ion:	276	Resp:	59357
Ion Ratio	Lower	Upper	
276	100		
138	19.9	18.4	27.6
277	26.6	20.1	30.1



#88
Benzo(b)fluoranthene
Concen: 3.244 ng
RT: 22.621 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:	252	Resp:	62168
Ion Ratio	Lower	Upper	
252	100		
253	22.4	18.0	27.0
125	8.6	7.5	11.3

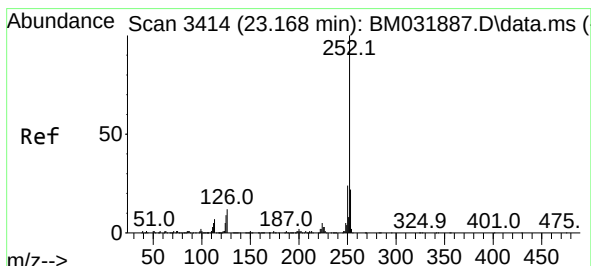
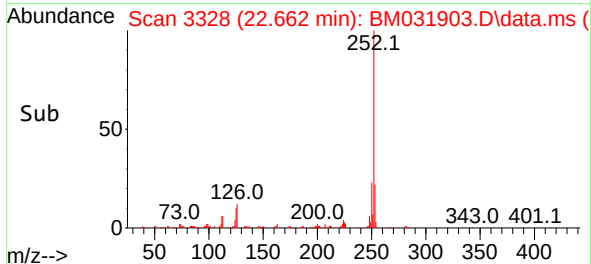
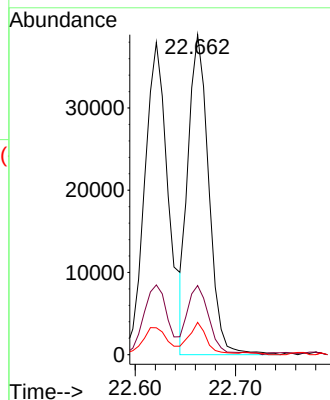
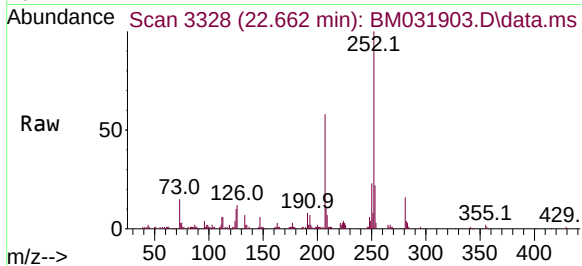




#89
Benzo(k)fluoranthene
Concen: 3.053 ng
RT: 22.662 min Scan# 3328
Delta R.T. -0.012 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

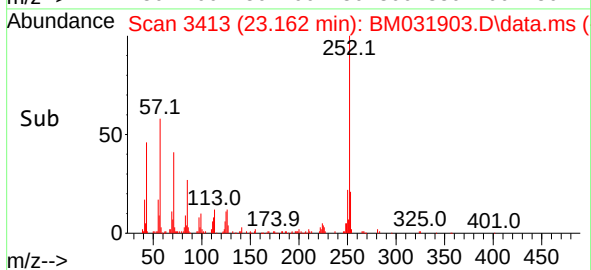
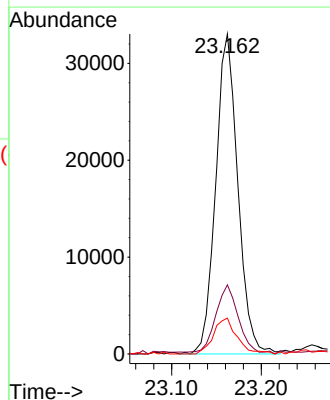
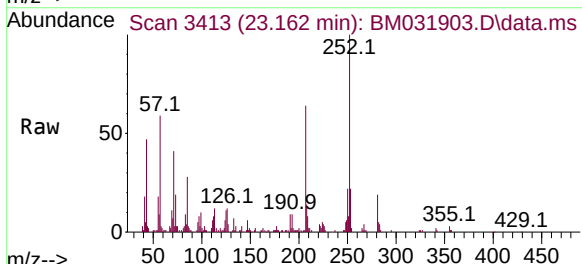
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

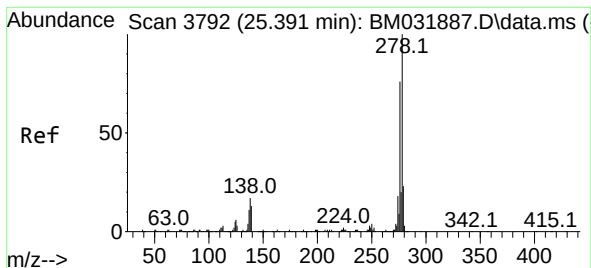
Tgt Ion:252 Resp: 55460
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 3.410 ng
RT: 23.162 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM031903.D
Acq: 26 Aug 2021 00:23

Tgt Ion:252 Resp: 56612
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.2 8.1 12.1





#91

Dibenzo(a,h)anthracene

Concen: 3.350 ng

RT: 25.374 min Scan# 3789

Delta R.T. -0.017 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

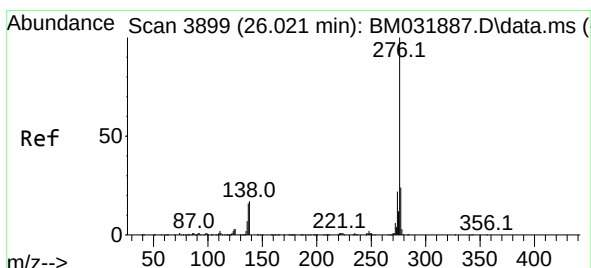
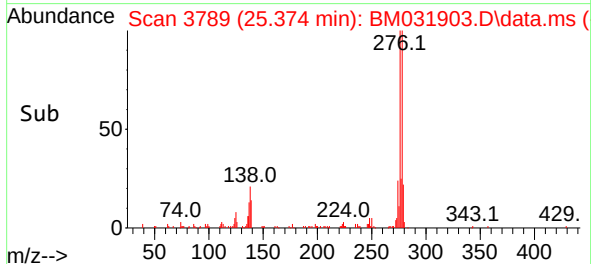
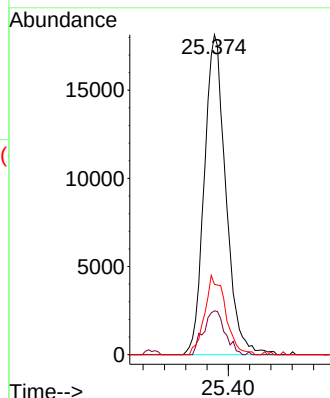
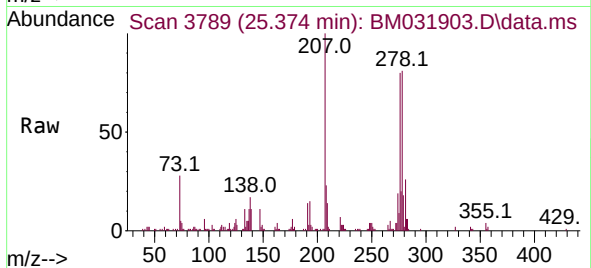
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	278	Resp:	50818
Ion Ratio	Lower	Upper	
278	100		
139	13.7	10.9	16.3
279	22.0	18.2	27.2



#92

Benzo(g,h,i)perylene

Concen: 3.487 ng

RT: 26.009 min Scan# 3897

Delta R.T. -0.012 min

Lab File: BM031903.D

Acq: 26 Aug 2021 00:23

Tgt Ion:	276	Resp:	50029
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.0
138	18.4	14.6	22.0

