

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
 Data File : BM031902.D
 Acq On : 25 Aug 2021 23:45
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL-8ppm
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Aug 26 03:33:15 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	7.522	152	29570	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	127051	20.000	ng	# 0.00
39) Acenaphthene-d10	14.157	164	91641	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	216388	20.000	ng	0.00
76) Chrysene-d12	21.115	240	243571	20.000	ng	0.00
86) Perylene-d12	23.256	264	266242	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	180884	101.130	ng	0.00
7) Phenol-d6	6.722	99	242632	95.874	ng	0.00
23) Nitrobenzene-d5	8.675	82	237344	80.917	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	118880	109.744	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	539264	77.636	ng	0.00
79) Terphenyl-d14	19.562	244	1146211	67.929	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.169	88	5656	7.756	ng	# 85
3) Pyridine	3.563	79	12607	6.925	ng	# 66
4) n-Nitrosodimethylamine	3.481	42	11019	8.910	ng	# 39
6) Aniline	6.869	93	23002	8.556	ng	98
8) 2-Chlorophenol	7.092	128	15691	7.535	ng	96
9) Benzaldehyde	6.687	77	15629	9.311	ng	94
10) Phenol	6.745	94	18357	7.335	ng	86
11) bis(2-Chloroethyl)ether	6.969	93	14068	7.706	ng	99
12) 1,3-Dichlorobenzene	7.410	146	17855	7.763	ng	93
13) 1,4-Dichlorobenzene	7.557	146	18527	7.862	ng	95
14) 1,2-Dichlorobenzene	7.863	146	16959	7.391	ng	98
15) Benzyl Alcohol	7.769	79	16203	7.505	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.045	45	18744	7.653	ng	97
17) 2-Methylphenol	7.969	107	12716	7.122	ng	95
18) Hexachloroethane	8.569	117	7371	7.551	ng	89
19) n-Nitroso-di-n-propyla...	8.328	70	13846	7.101	ng	97
20) 3+4-Methylphenols	8.298	107	17335	7.057	ng	95
22) Acetophenone	8.339	105	27622	7.998	ng	# 97
24) Nitrobenzene	8.716	77	23572	7.937	ng	98
25) Isophorone	9.233	82	34876	6.885	ng	96
26) 2-Nitrophenol	9.416	139	8223	6.916	ng	# 90
27) 2,4-Dimethylphenol	9.481	122	13225	7.391	ng	88
28) bis(2-Chloroethoxy)met...	9.722	93	18965	7.665	ng	99
29) 2,4-Dichlorophenol	9.945	162	15100	7.186	ng	97
30) 1,2,4-Trichlorobenzene	10.145	180	17678	7.668	ng	97
31) Naphthalene	10.328	128	53020	7.468	ng	99
32) Benzoic acid	9.592	122	7632	5.006	ng	95
33) 4-Chloroaniline	10.457	127	21553	7.593	ng	94
34) Hexachlorobutadiene	10.604	225	12172	7.982	ng	94
35) Caprolactam	11.251	113	4700	7.339	ng	93
36) 4-Chloro-3-methylphenol	11.586	107	17607	7.065	ng	96
37) 2-Methylnaphthalene	11.951	142	38762	7.333	ng	97
38) 1-Methylnaphthalene	12.169	142	35747	7.149	ng	97
40) 1,2,4,5-Tetrachloroben...	12.322	216	20793	7.745	ng	99
41) Hexachlorocyclopentadiene	12.292	237	8606	6.574	ng	95
43) 2,4,6-Trichlorophenol	12.580	196	13387	6.944	ng	95

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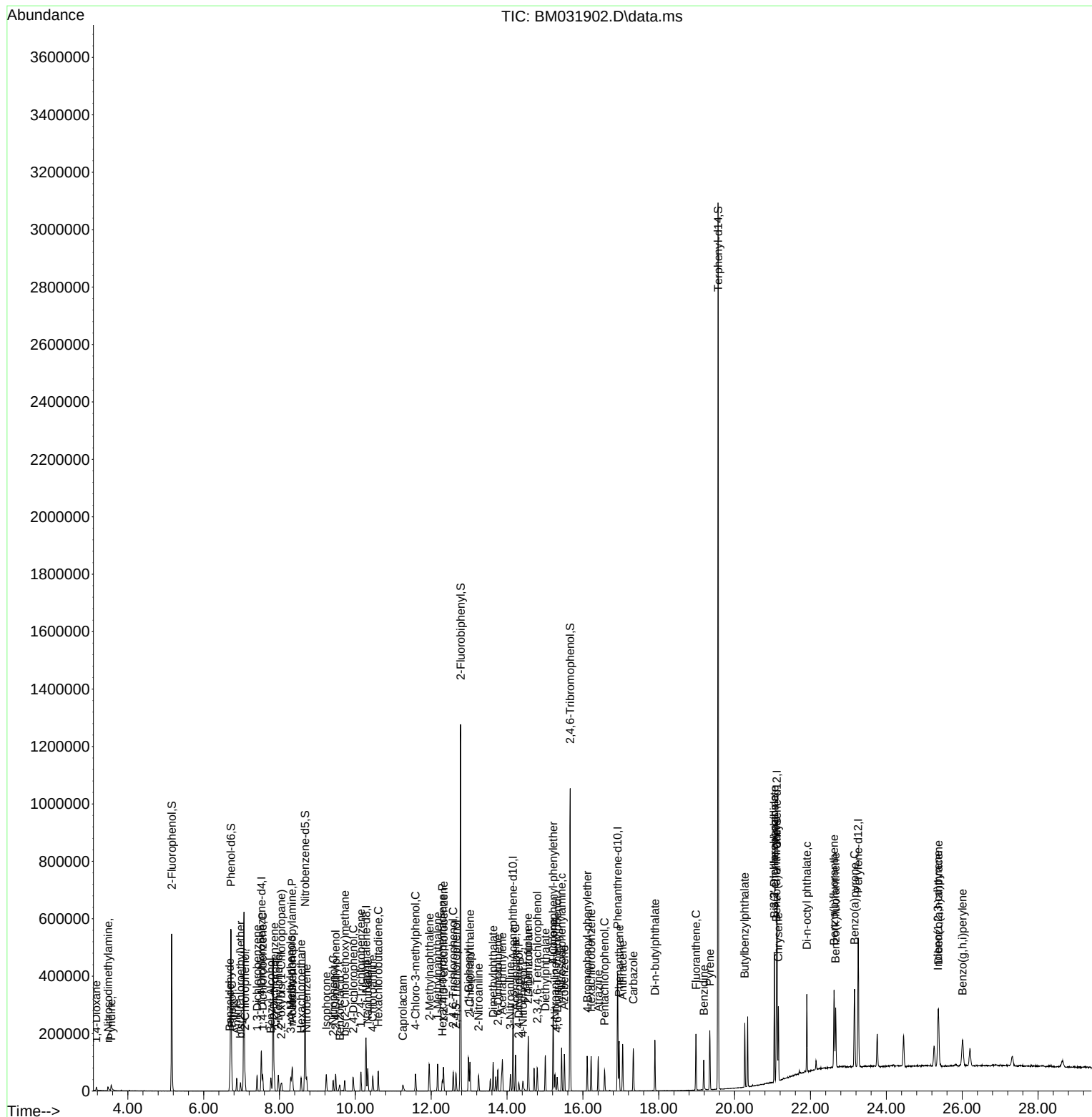
Instrument :
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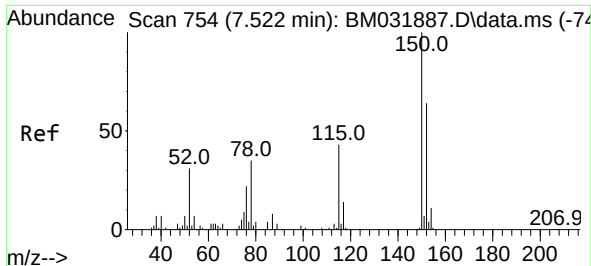
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 03:29:07 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.651	196	14441	6.932	ng	99
46) 1,1'-Biphenyl	12.986	154	52754	7.438	ng	98
47) 2-Chloronaphthalene	13.021	162	39806	7.129	ng	98
48) 2-Nitroaniline	13.251	65	13839	7.122	ng	99
49) Acenaphthylene	13.874	152	64113	7.137	ng	99
50) Dimethylphthalate	13.633	163	53662	7.387	ng	100
51) 2,6-Dinitrotoluene	13.757	165	11166	6.979	ng	96
52) Acenaphthene	14.221	154	39814	7.280	ng	96
53) 3-Nitroaniline	14.086	138	11065	7.110	ng	95
54) 2,4-Dinitrophenol	14.310	184	5273	5.820	ng #	80
55) Dibenzofuran	14.563	168	65280	7.088	ng	99
56) 4-Nitrophenol	14.416	139	8348	6.790	ng #	89
57) 2,4-Dinitrotoluene	14.551	165	15886	6.972	ng	93
58) Fluorene	15.215	166	53710	7.112	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.798	232	13095	7.200	ng	94
60) Diethylphthalate	15.010	149	59210	7.468	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	27923	7.449	ng	98
62) 4-Nitroaniline	15.262	138	11127	7.404	ng #	85
63) Azobenzene	15.510	77	66226	7.575	ng	95
65) 4,6-Dinitro-2-methylph...	15.321	198	8359	5.608	ng	95
66) n-Nitrosodiphenylamine	15.439	169	46868	6.499	ng	99
67) 4-Bromophenyl-phenylether	16.115	248	16154	6.684	ng	96
68) Hexachlorobenzene	16.215	284	17816	6.974	ng	96
69) Atrazine	16.404	200	18166	7.472	ng	94
70) Pentachlorophenol	16.568	266	10533	6.565	ng	95
71) Phenanthrene	16.956	178	91709	7.198	ng	97
72) Anthracene	17.045	178	90970	7.300	ng	99
73) Carbazole	17.327	167	86142	7.320	ng	99
74) Di-n-butylphthalate	17.898	149	107775	7.295	ng	99
75) Fluoranthene	18.980	202	107826	7.750	ng	98
77) Benzidine	19.186	184	54810	8.602	ng	97
78) Pyrene	19.345	202	114751	5.633	ng	98
80) Butylbenzylphthalate	20.268	149	52067	5.943	ng	95
81) Benzo(a)anthracene	21.103	228	121233	6.920	ng	99
82) 3,3'-Dichlorobenzidine	21.044	252	44500	8.833	ng	99
83) Chrysene	21.150	228	117911	6.981	ng	97
84) Bis(2-ethylhexyl)phtha...	21.050	149	80497	6.386	ng	98
85) Di-n-octyl phthalate	21.903	149	142954	7.526	ng	98
87) Indeno(1,2,3-cd)pyrene	25.362	276	128092	6.953	ng	97
88) Benzo(b)fluoranthene	22.621	252	129587	6.429	ng	99
89) Benzo(k)fluoranthene	22.662	252	117176	6.132	ng	99
90) Benzo(a)pyrene	23.162	252	121843	6.979	ng	99
91) Dibenzo(a,h)anthracene	25.374	278	109953	6.891	ng	99
92) Benzo(g,h,i)perylene	26.009	276	106467	7.057	ng	99

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

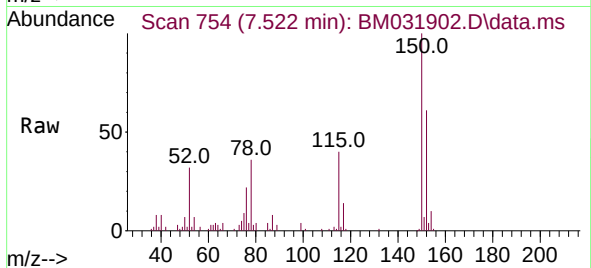
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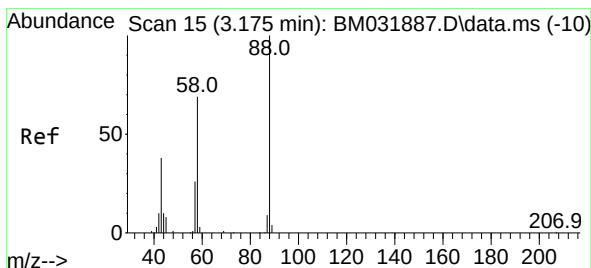
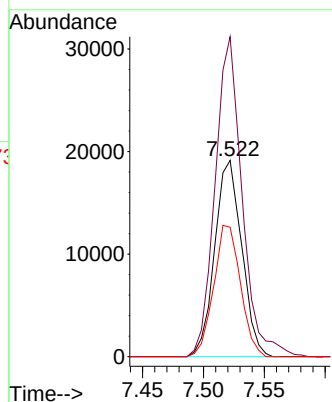
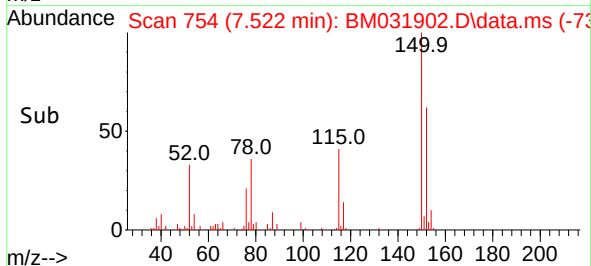


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

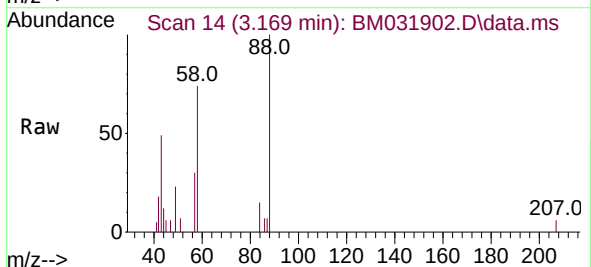
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



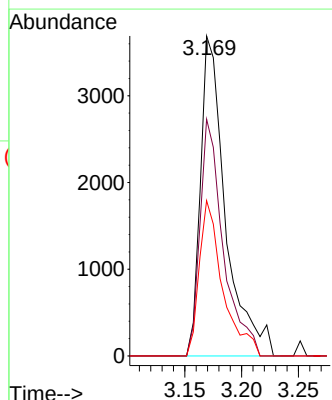
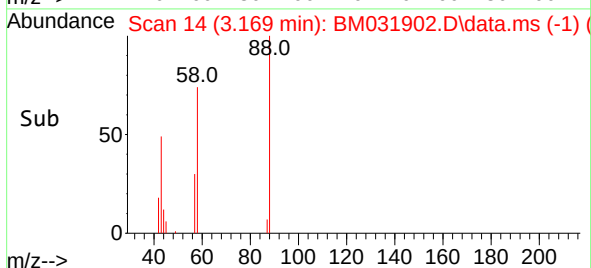
Tgt Ion:152 Resp: 29570
Ion Ratio Lower Upper
152 100
150 163.0 122.4 183.6
115 66.0 53.8 80.8

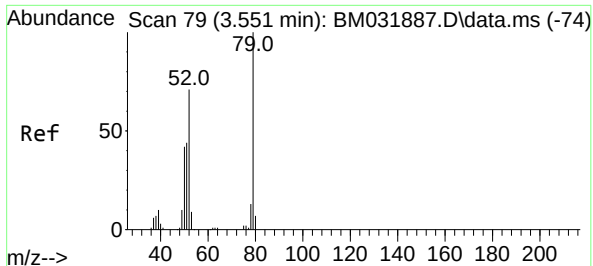


#2
1,4-Dioxane
Concen: 7.756 ng
RT: 3.169 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45



Tgt Ion: 88 Resp: 5656
Ion Ratio Lower Upper
88 100
58 68.6 50.4 75.6
43 45.4 22.2 33.2#

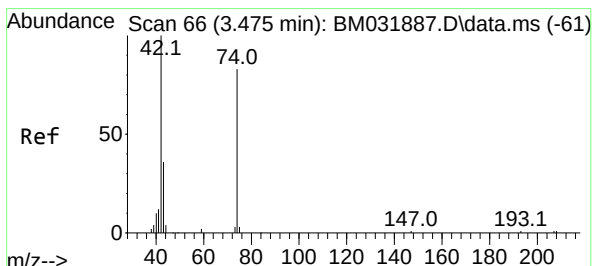
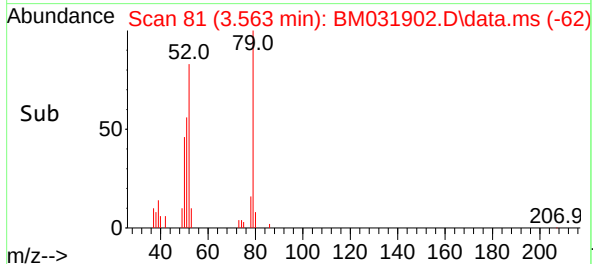
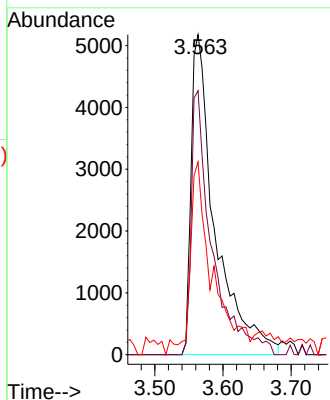
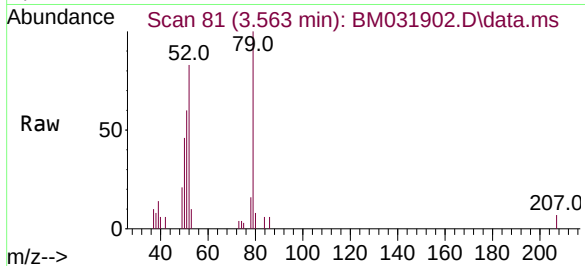




#3
Pyridine
Concen: 6.925 ng
RT: 3.563 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

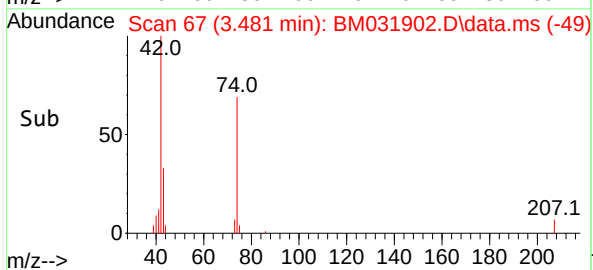
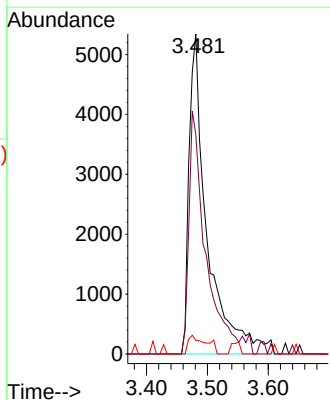
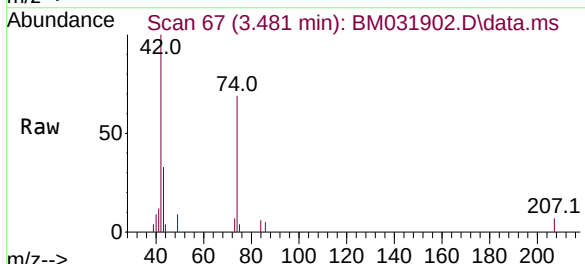
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ClientSampleId :
MDL-SOIL-03-QT2-2021

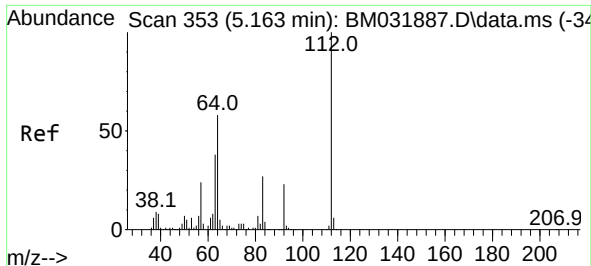
Tgt Ion: 79	Resp: 12607
Ion Ratio	Lower Upper
79 100	
52 82.5	48.6 73.0#
51 60.2	27.4 41.2#



#4
n-Nitrosodimethylamine
Concen: 8.910 ng
RT: 3.481 min Scan# 67
Delta R.T. 0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion: 42	Resp: 11019
Ion Ratio	Lower Upper
42 100	
74 68.6	99.5 149.3#
44 4.3	57.3 85.9#

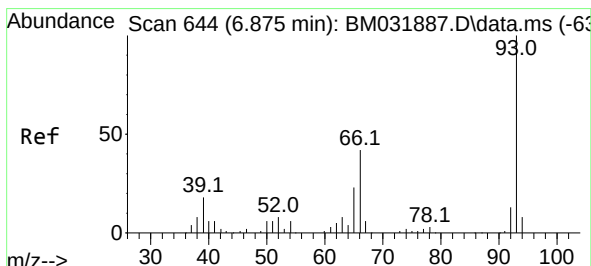
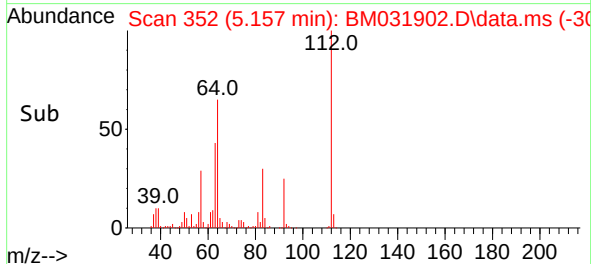
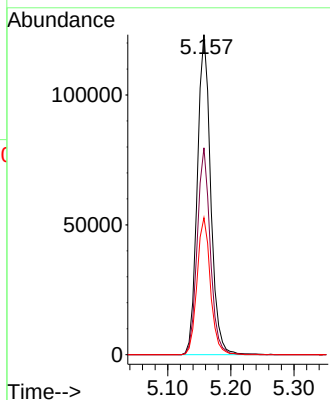
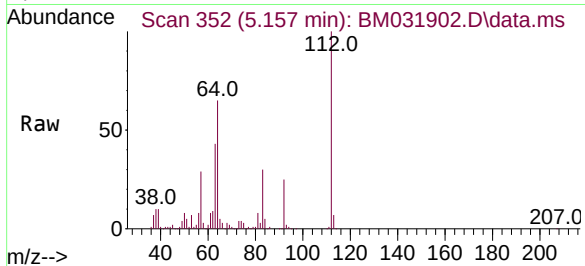




#5
2-Fluorophenol
Concen: 101.130 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

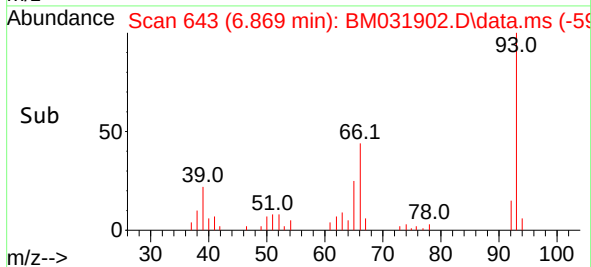
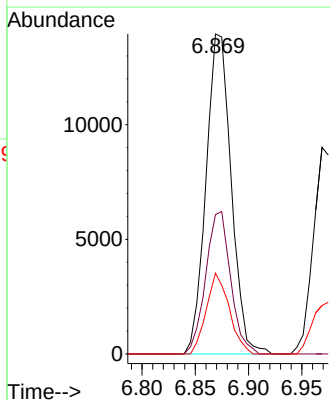
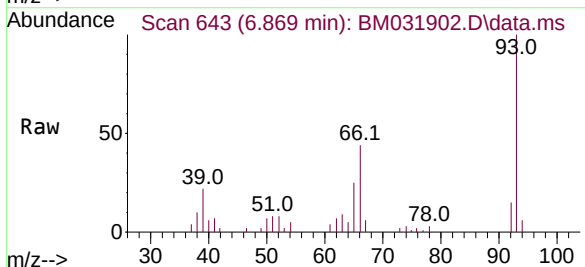
Instrument :
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ClientSampleId :
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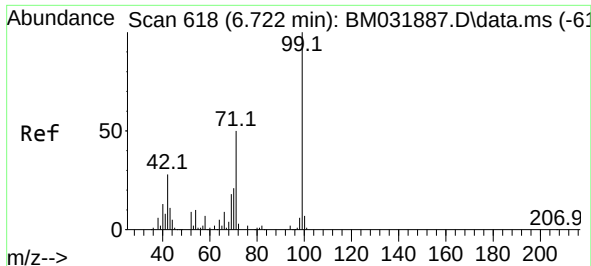
Tgt Ion:	112	Resp:	180884
Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.7	80.5
63	42.8	33.9	50.9



#6
Aniline
Concen: 8.556 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	93	Resp:	23002
Ion	Ratio	Lower	Upper
93	100		
66	43.5	35.3	52.9
65	25.2	18.7	28.1

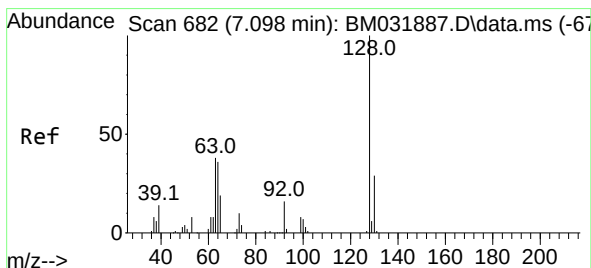
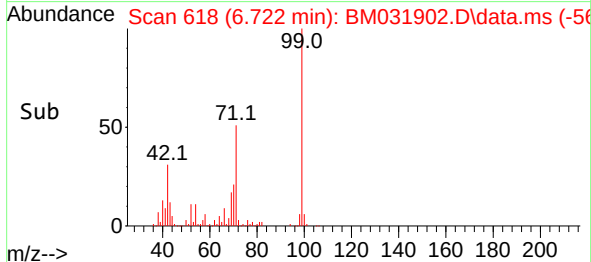
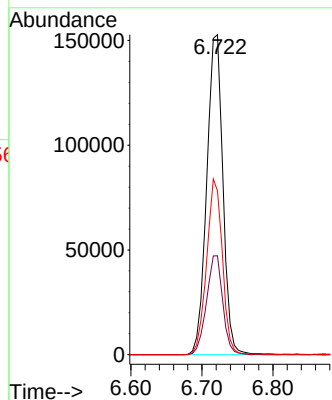
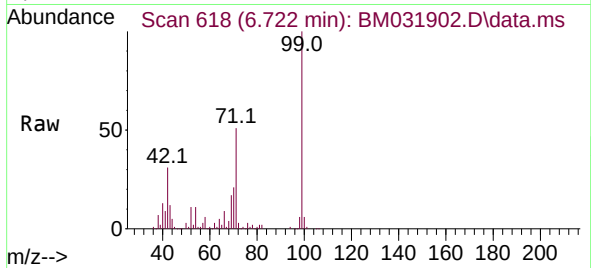




#7
Phenol-d6
Concen: 95.874 ng
RT: 6.722 min Scan# 618
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

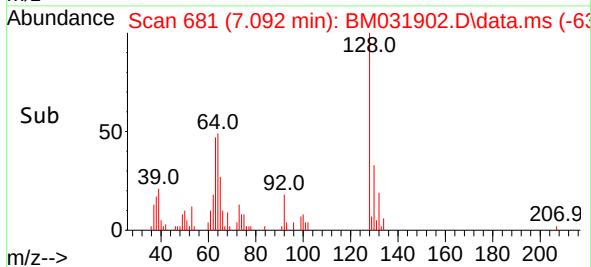
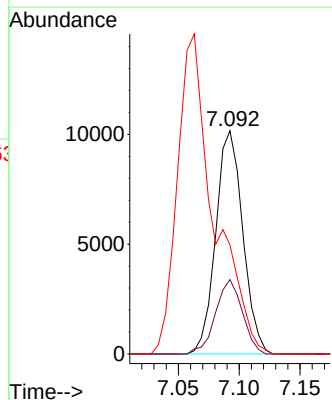
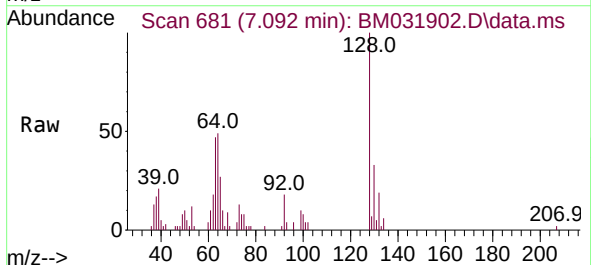
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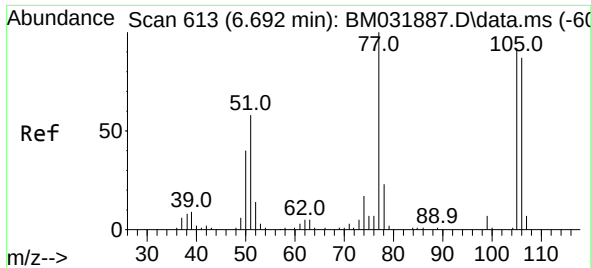
Tgt Ion:	99	Resp:	242632
Ion	Ratio	Lower	Upper
99	100		
42	30.9	23.0	34.6
71	51.2	37.8	56.8



#8
2-Chlorophenol
Concen: 7.535 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	128	Resp:	15691
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	48.8	33.4	73.4

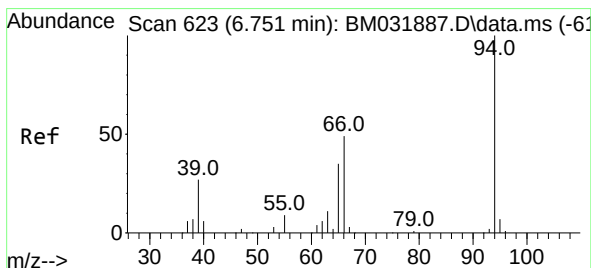
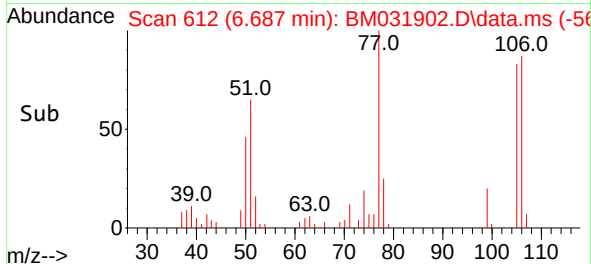
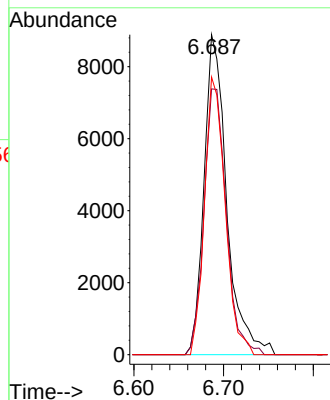
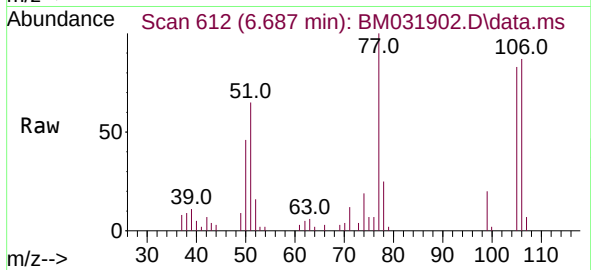




#9
Benzaldehyde
Concen: 9.311 ng
RT: 6.687 min Scan# 612
Delta R.T. -0.005 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

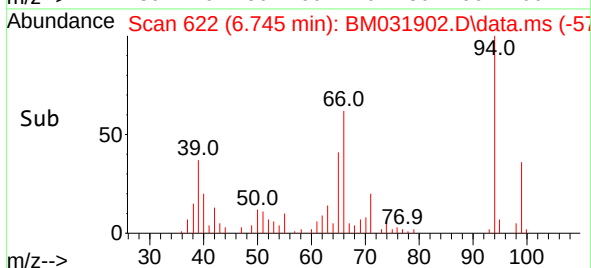
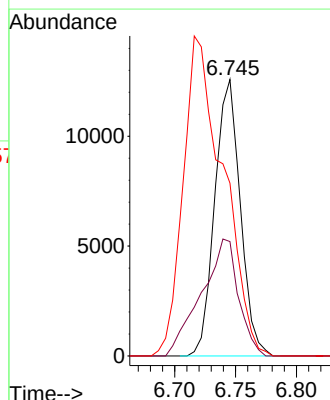
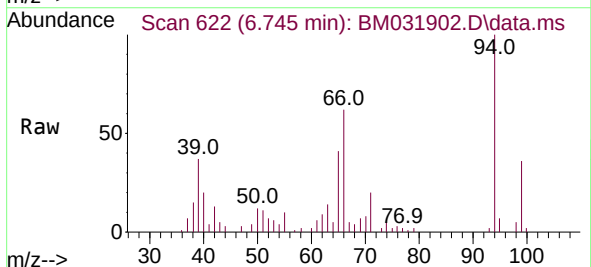
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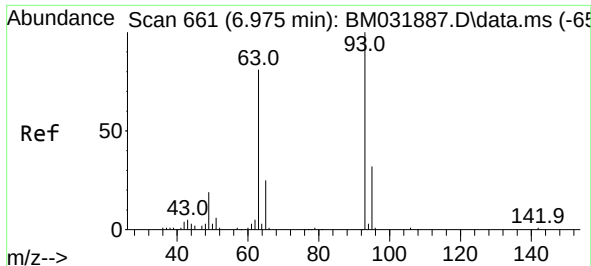
Tgt Ion: 77 Resp: 15629
Ion Ratio Lower Upper
77 100
105 83.1 68.9 108.9
106 86.7 61.2 101.2



#10
Phenol
Concen: 7.335 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion: 94 Resp: 18357
Ion Ratio Lower Upper
94 100
65 41.4 16.9 56.9
66 62.5 30.0 70.0

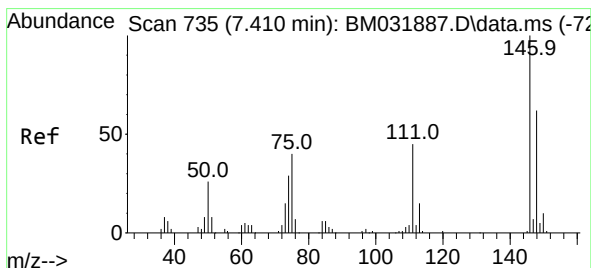
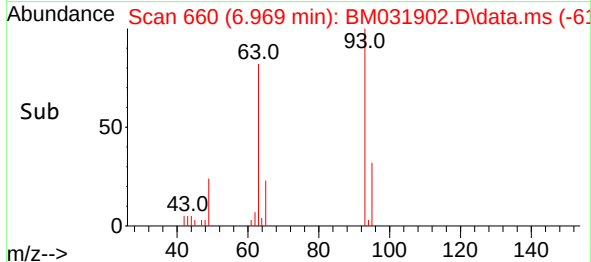
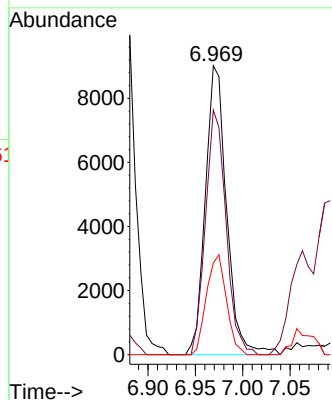
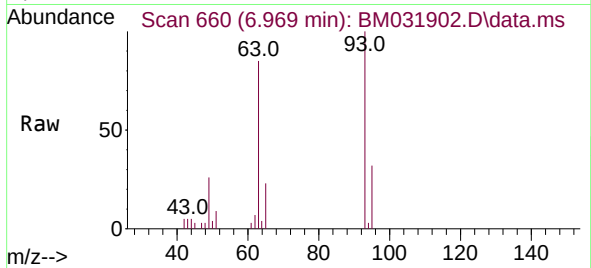




#11
bis(2-Chloroethyl)ether
Concen: 7.706 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

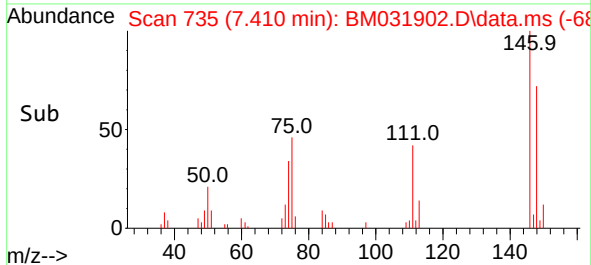
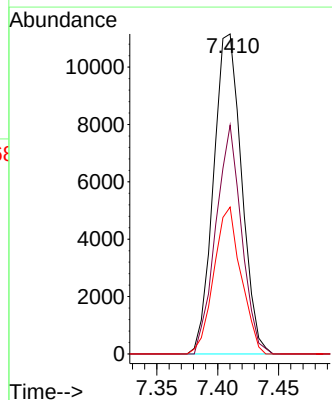
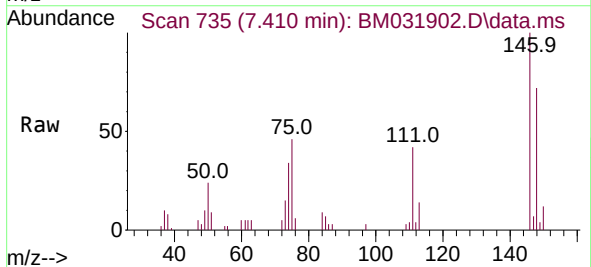
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

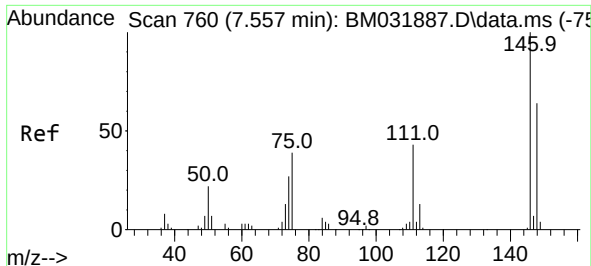
Tgt Ion:	93	Resp:	14068
Ion	Ratio	Lower	Upper
93	100		
63	84.7	63.7	103.7
95	31.7	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 7.763 ng
RT: 7.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	146	Resp:	17855
Ion	Ratio	Lower	Upper
146	100		
148	71.5	52.3	78.5
75	45.9	34.2	51.2





#13

1,4-Dichlorobenzene

Concen: 7.862 ng

RT: 7.557 min Scan# 760

Delta R.T. 0.000 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

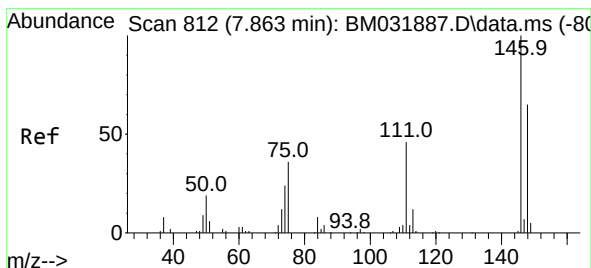
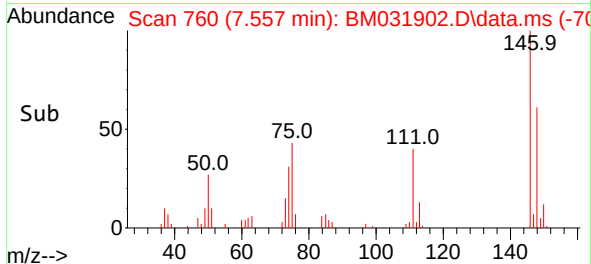
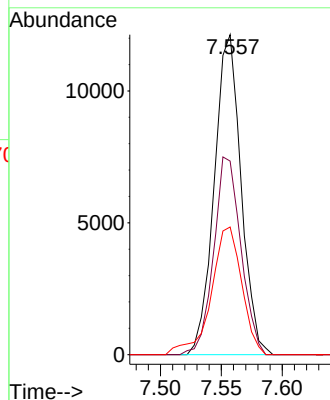
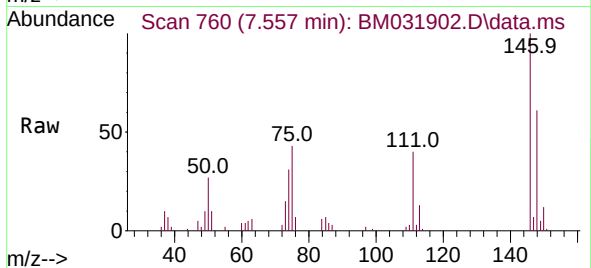
Tgt Ion:146 Resp: 18527

Ion Ratio Lower Upper

146 100

148 60.5 51.1 76.7

111 39.9 35.3 52.9



#14

1,2-Dichlorobenzene

Concen: 7.391 ng

RT: 7.863 min Scan# 812

Delta R.T. 0.000 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

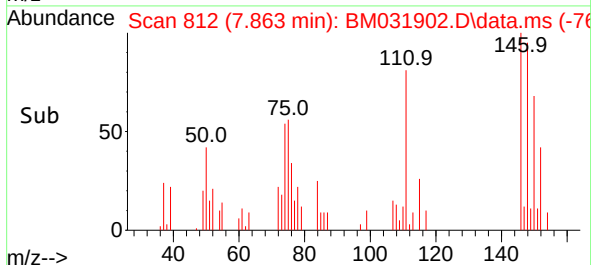
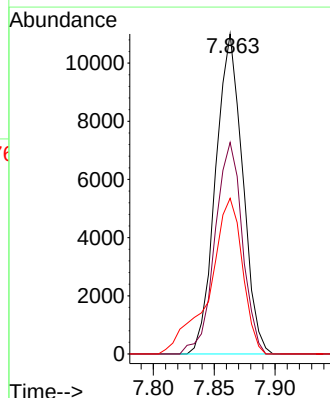
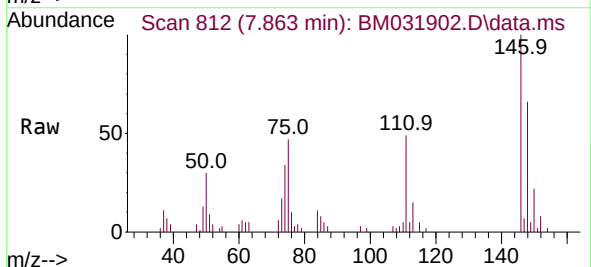
Tgt Ion:146 Resp: 16959

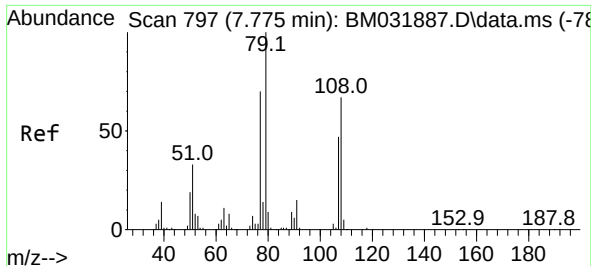
Ion Ratio Lower Upper

146 100

148 66.1 51.7 77.5

111 48.7 38.2 57.2

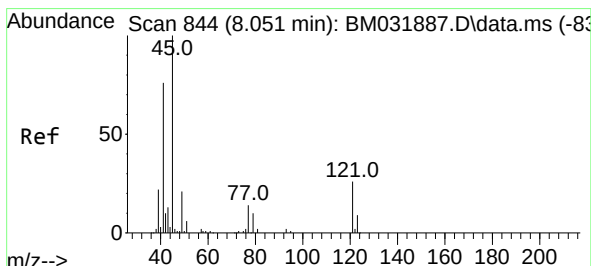
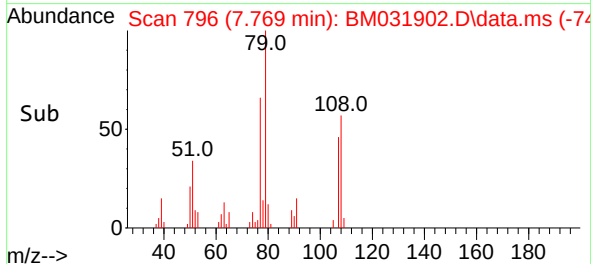
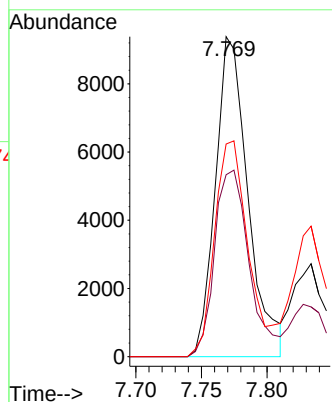
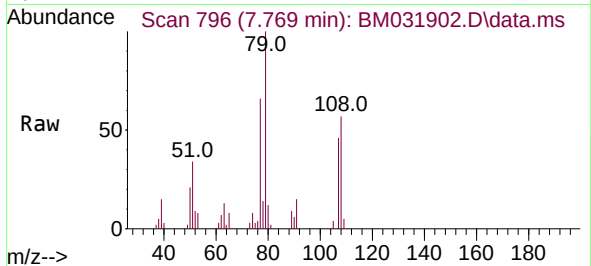




#15
Benzyl Alcohol
Concen: 7.505 ng
RT: 7.769 min Scan# 796
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

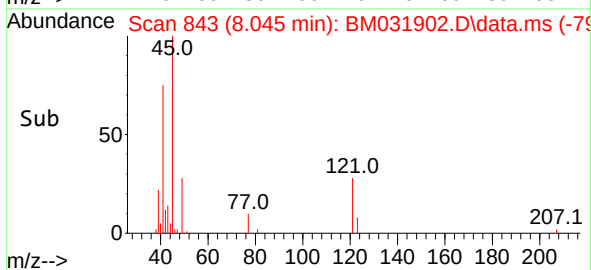
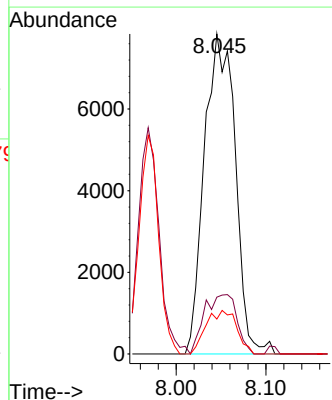
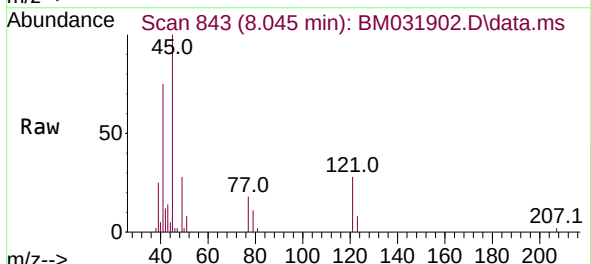
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

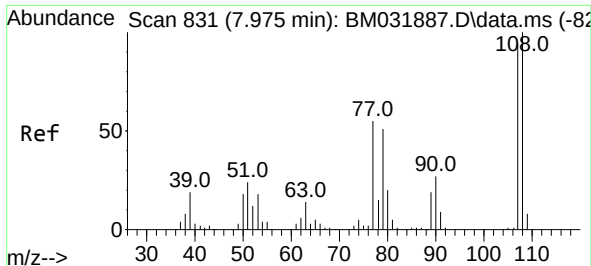
Tgt Ion:	79	Resp:	16203
Ion	Ratio	Lower	Upper
79	100		
108	56.8	53.6	80.4
77	66.5	57.7	86.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.653 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	45	Resp:	18744
Ion	Ratio	Lower	Upper
45	100		
77	17.7	0.0	36.1
79	10.9	0.0	30.5

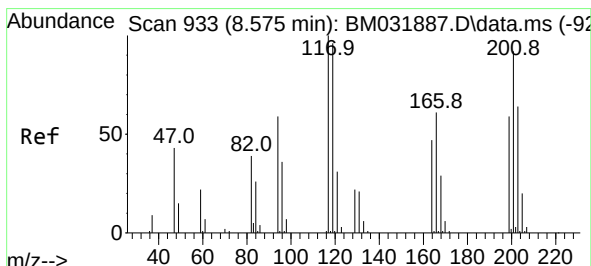
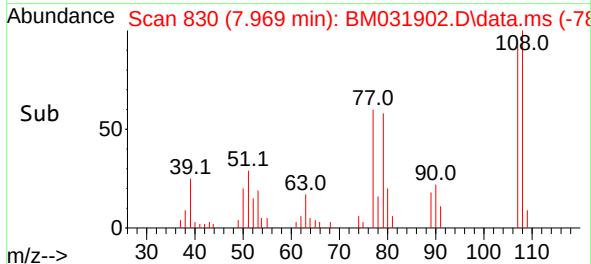
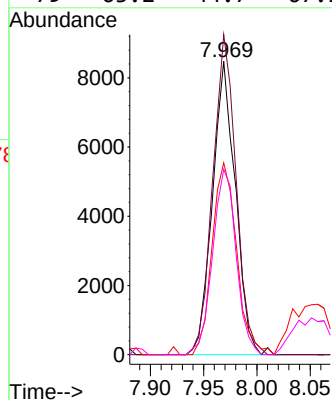
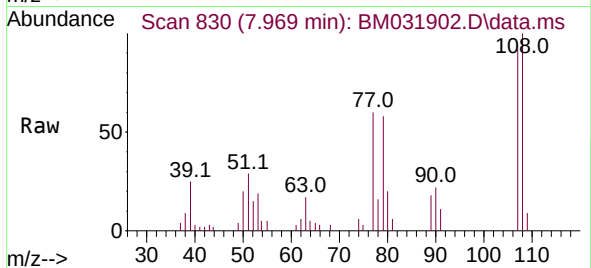




#17
2-Methylphenol
Concen: 7.122 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

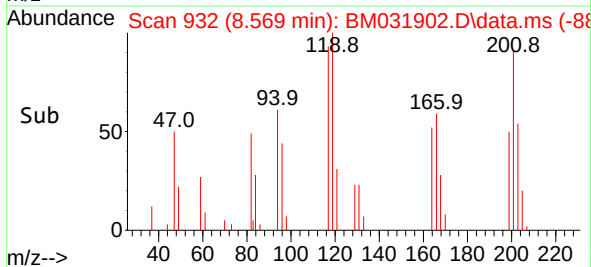
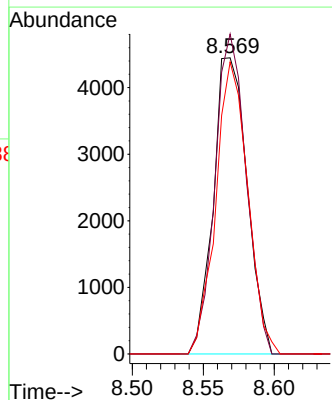
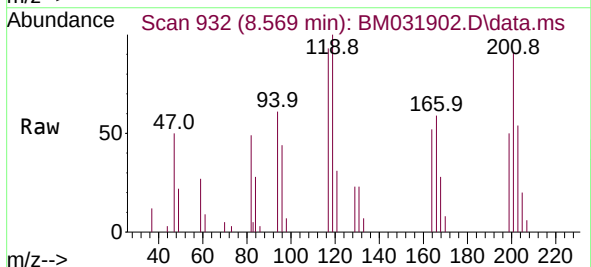
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

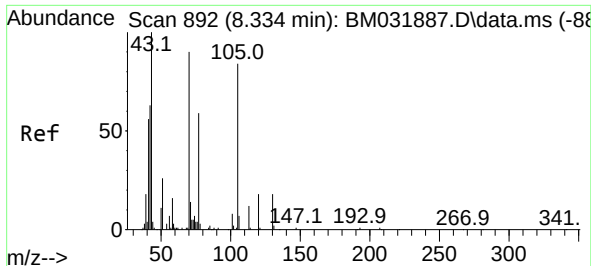
Tgt Ion:	107	Resp:	12716
Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	65.4	48.2	72.2
79	63.2	44.7	67.1



#18
Hexachloroethane
Concen: 7.551 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	117	Resp:	7371
Ion	Ratio	Lower	Upper
117	100		
119	108.0	77.7	116.5
201	98.6	70.2	105.2

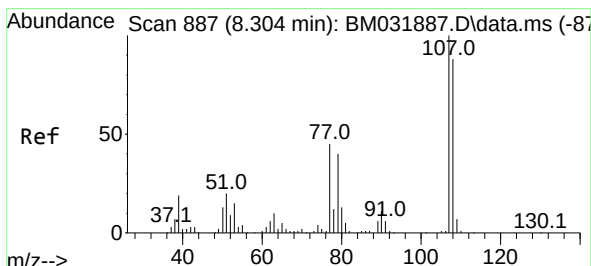
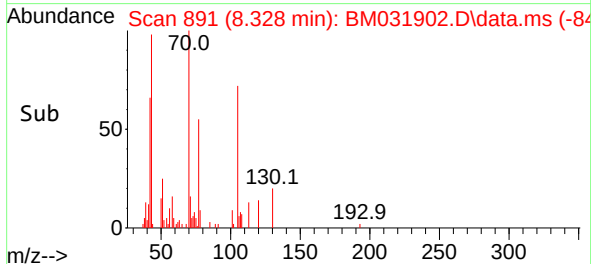
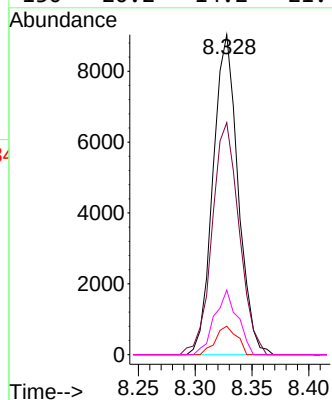
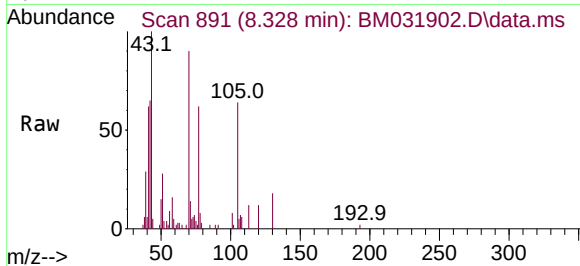




#19
n-Nitroso-di-n-propylamine
Concen: 7.101 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

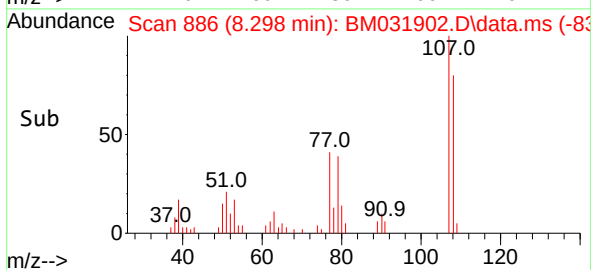
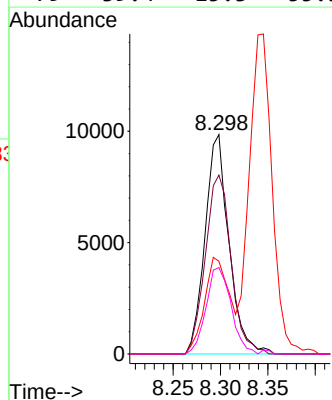
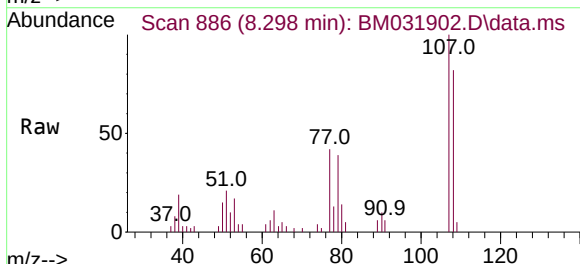
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

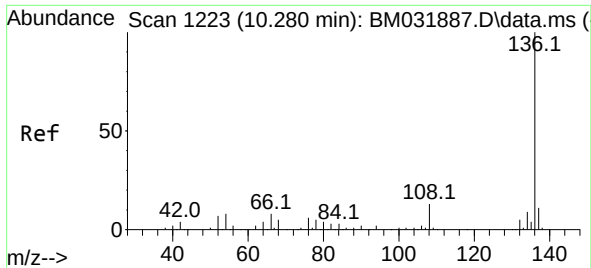
Tgt Ion:	70	Resp:	13846
Ion	Ratio	Lower	Upper
70	100		
42	72.5	56.3	84.5
101	8.9	7.8	11.6
130	20.2	14.2	21.4



#20
3+4-Methylphenols
Concen: 7.057 ng
RT: 8.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	107	Resp:	17335
Ion	Ratio	Lower	Upper
107	100		
108	81.6	67.6	107.6
77	42.3	21.9	61.9
79	39.4	15.3	55.3

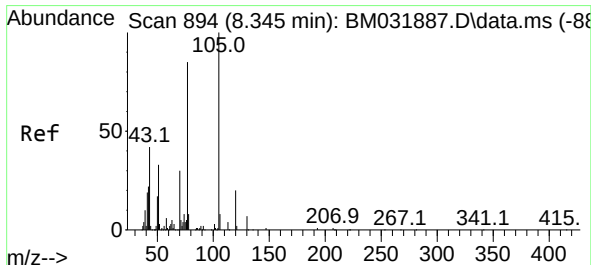
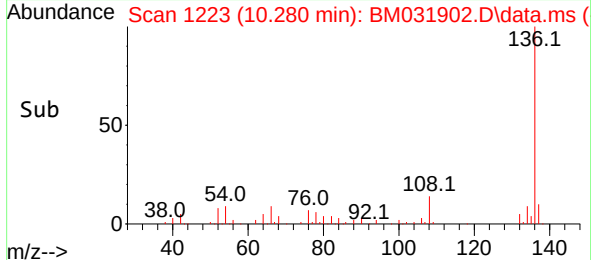
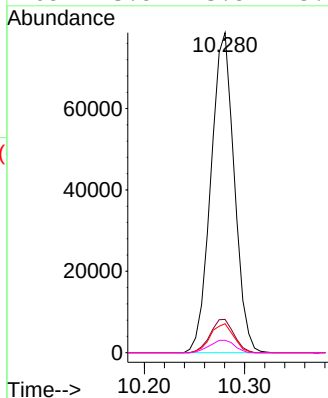
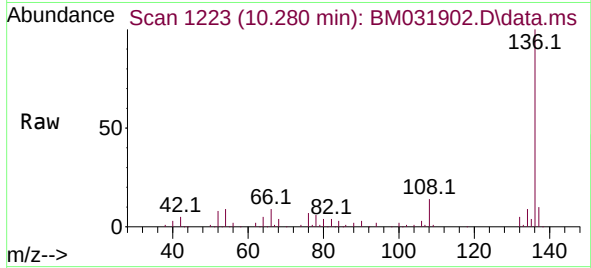




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

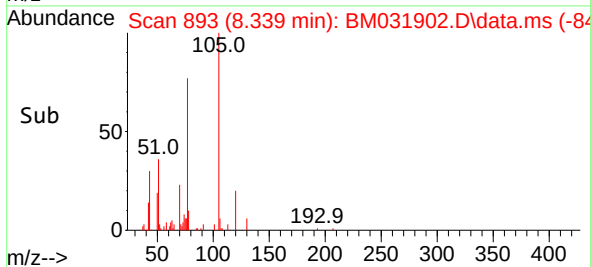
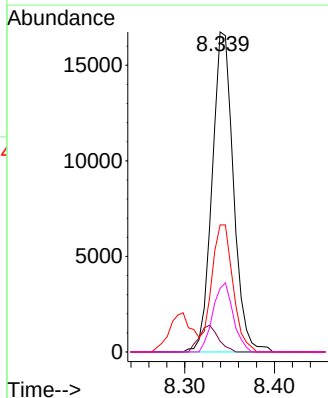
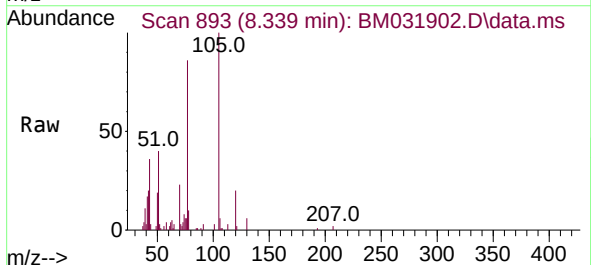
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

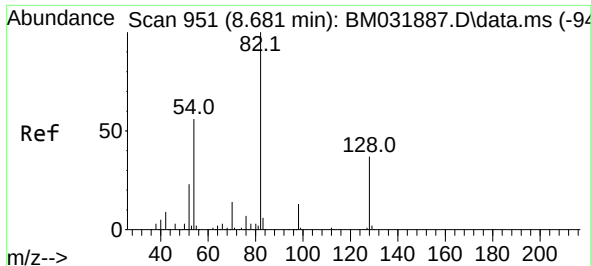
Tgt Ion:	136	Resp:	127051
Ion Ratio	Lower	Upper	
136	100		
137	10.4	8.7	13.1
54	9.0	7.4	11.0
68	3.8	3.8	5.8#



#22
Acetophenone
Concen: 7.998 ng
RT: 8.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	105	Resp:	27622
Ion Ratio	Lower	Upper	
105	100		
71	3.3	3.8	5.6#
51	39.7	29.5	44.3
120	19.9	16.3	24.5





#23

Nitrobenzene-d5

Concen: 80.917 ng

RT: 8.675 min Scan# 950

Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

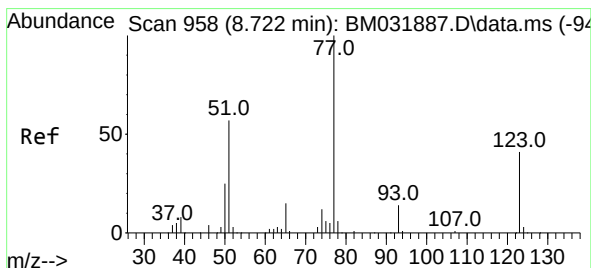
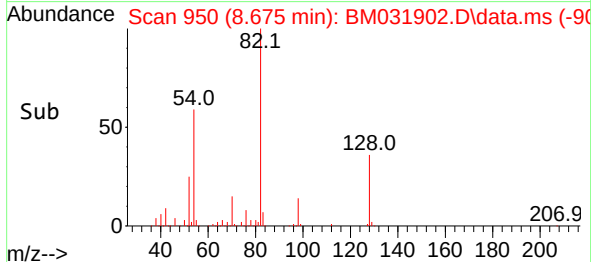
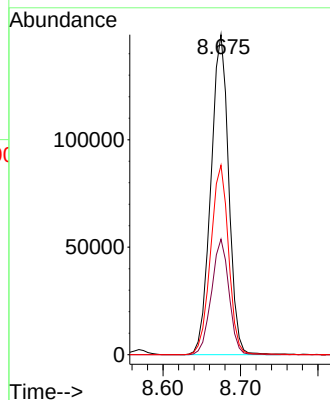
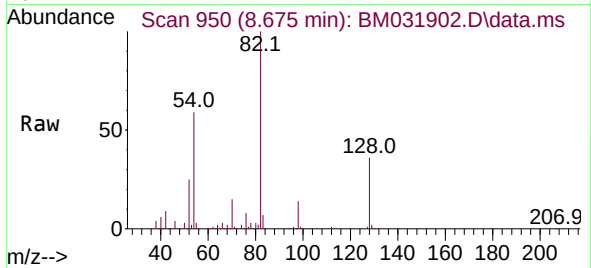
Tgt Ion: 82 Resp: 237344

Ion Ratio Lower Upper

82 100

128 36.1 29.0 43.6

54 59.2 45.8 68.8



#24

Nitrobenzene

Concen: 7.937 ng

RT: 8.716 min Scan# 957

Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

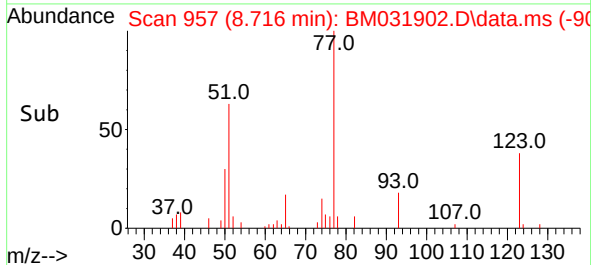
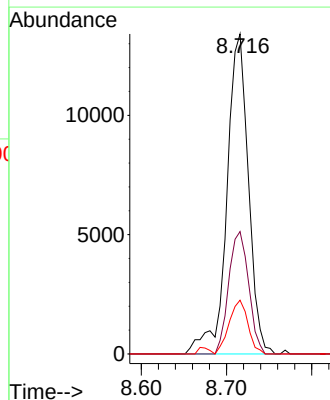
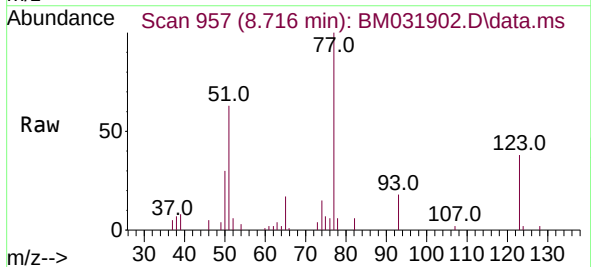
Tgt Ion: 77 Resp: 23572

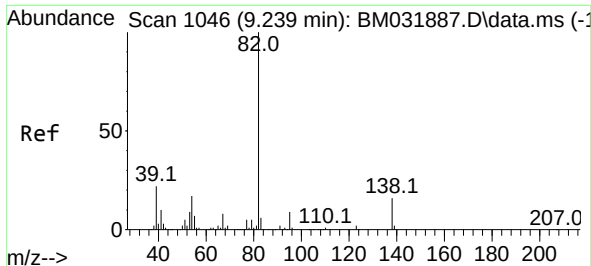
Ion Ratio Lower Upper

77 100

123 38.3 30.1 45.1

65 16.8 11.7 17.5

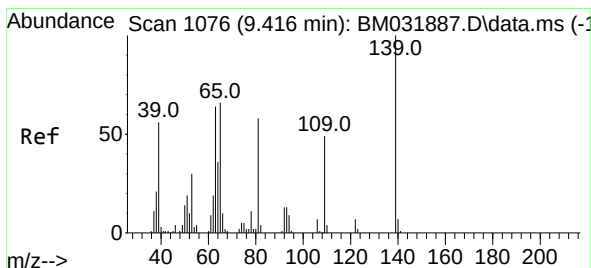
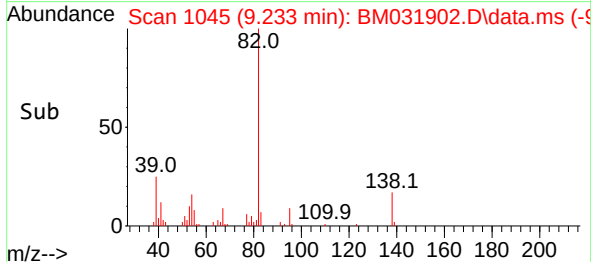
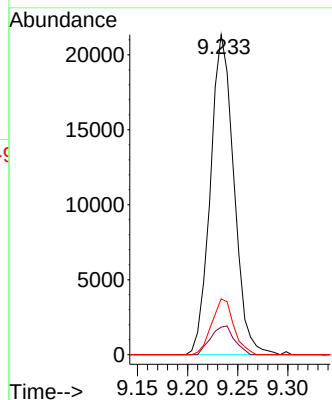
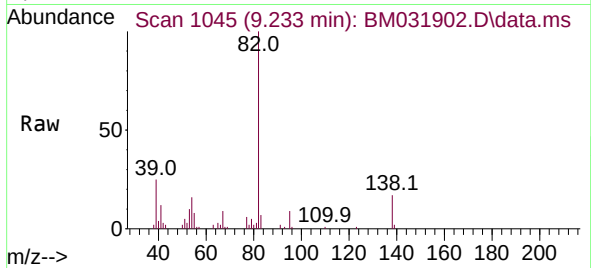




#25
Isophorone
Concen: 6.885 ng
RT: 9.233 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

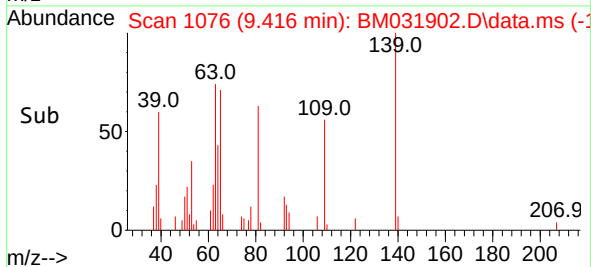
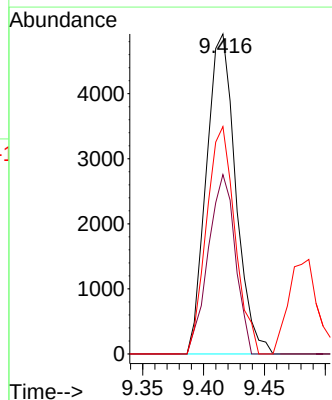
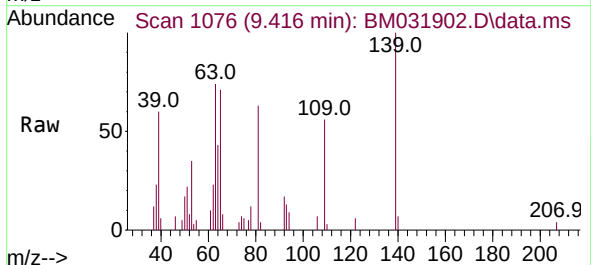
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

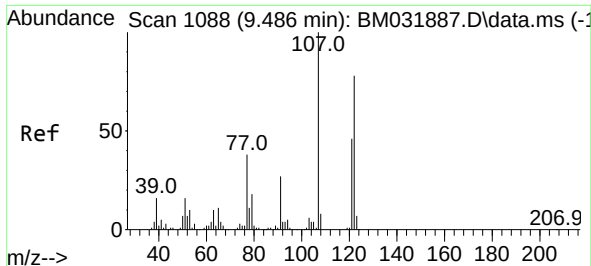
Tgt Ion: 82 Resp: 34876
Ion Ratio Lower Upper
82 100
95 8.6 6.4 9.6
138 17.5 12.4 18.6



#26
2-Nitrophenol
Concen: 6.916 ng
RT: 9.416 min Scan# 1076
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:139 Resp: 8223
Ion Ratio Lower Upper
139 100
109 56.1 34.8 52.2#
65 71.0 59.9 89.9

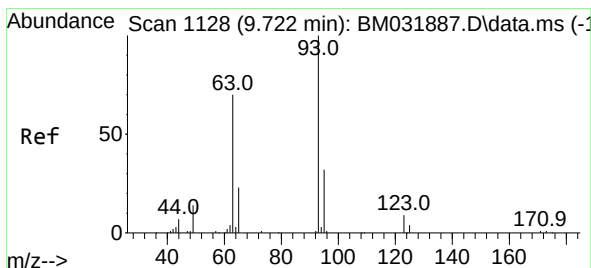
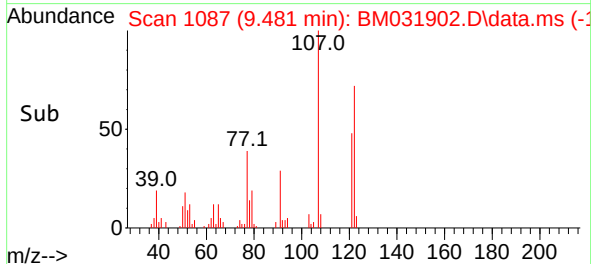
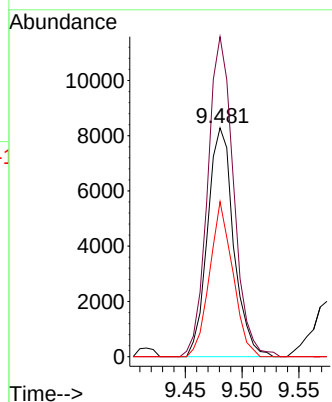
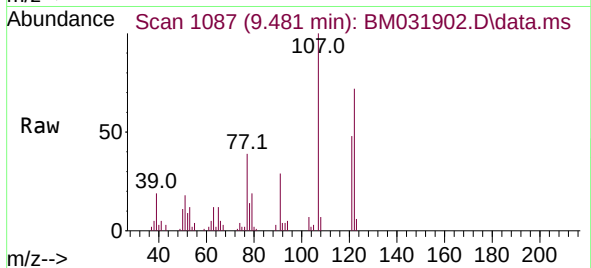




#27
2,4-Dimethylphenol
Concen: 7.391 ng
RT: 9.481 min Scan# 1087
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

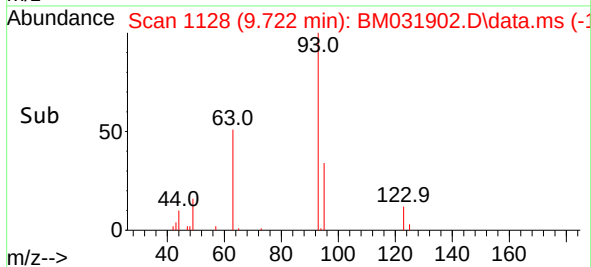
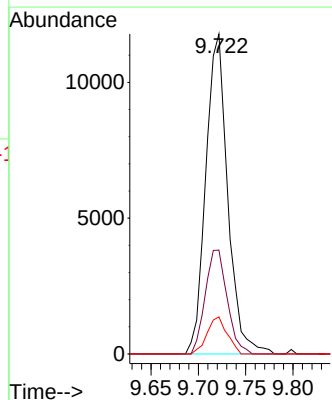
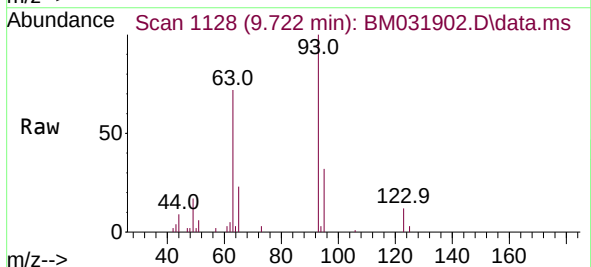
Instrument :
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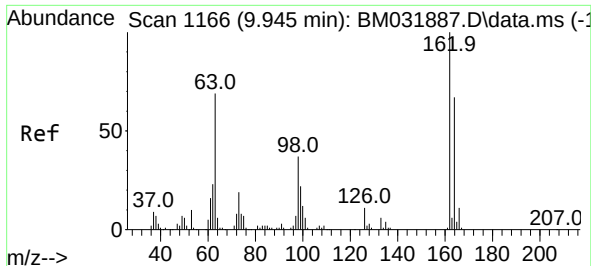
Tgt Ion:122 Resp: 13225
Ion Ratio Lower Upper
122 100
107 139.8 100.6 150.8
121 67.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 7.665 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion: 93 Resp: 18965
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.6 8.8 13.2

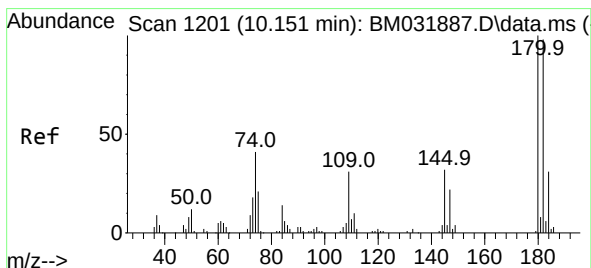
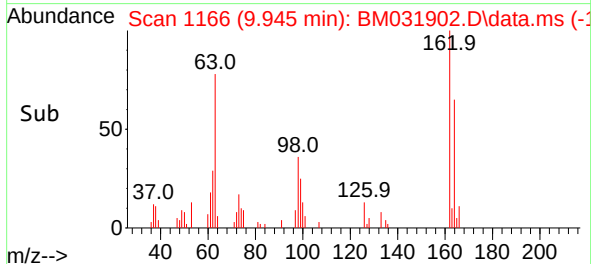
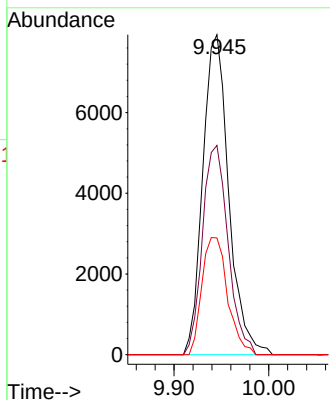
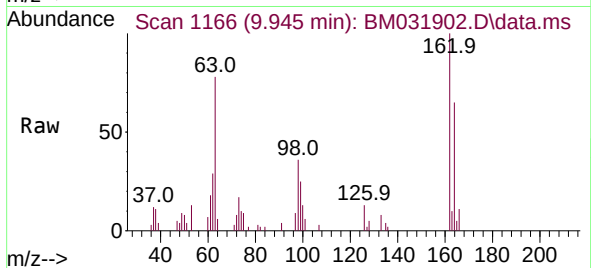




#29
2,4-Dichlorophenol
Concen: 7.186 ng
RT: 9.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

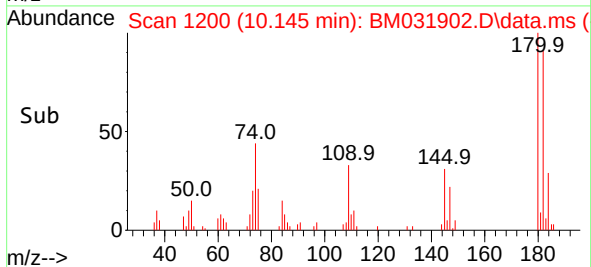
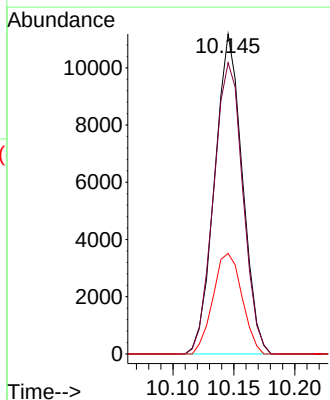
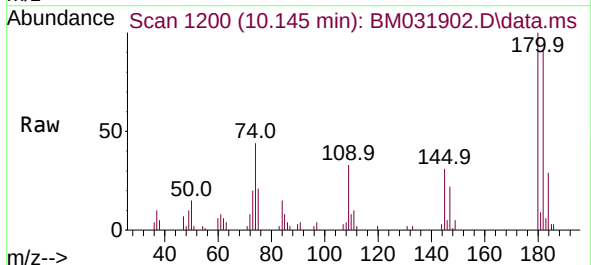
Instrument :
BNA_M
ClientSampleId :
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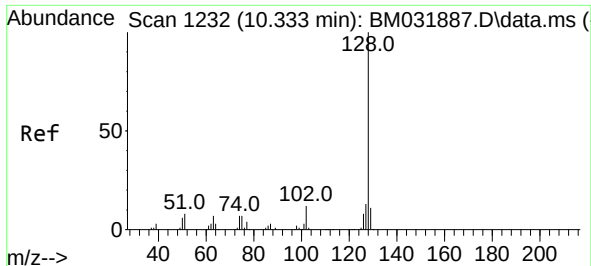
Tgt Ion:	162	Resp:	15100
Ion Ratio	Lower	Upper	
162	100		
164	65.4	47.4	87.4
98	36.5	18.9	58.9



#30
1,2,4-Trichlorobenzene
Concen: 7.668 ng
RT: 10.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	180	Resp:	17678
Ion Ratio	Lower	Upper	
180	100		
182	91.0	75.5	113.3
145	31.4	26.2	39.2

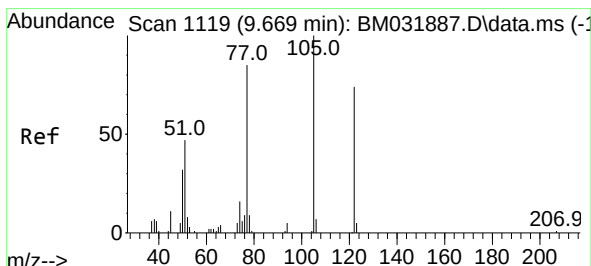
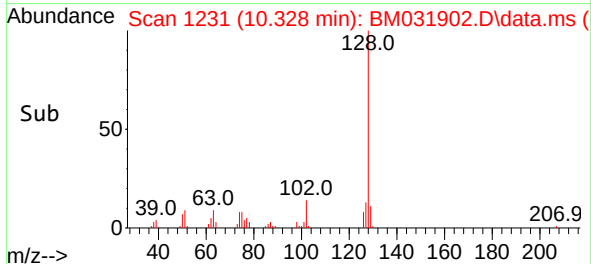
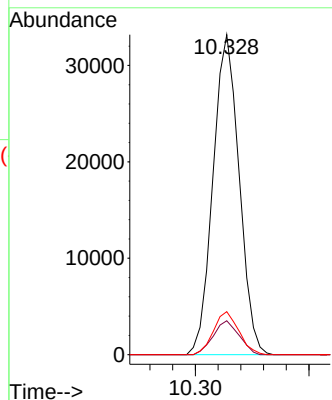
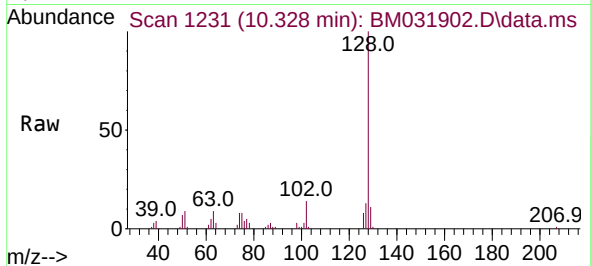




#31
Naphthalene
Concen: 7.468 ng
RT: 10.328 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

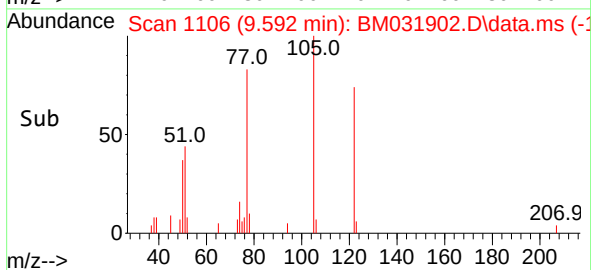
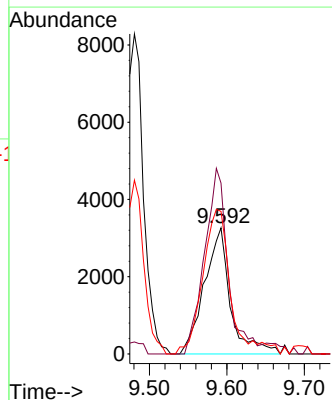
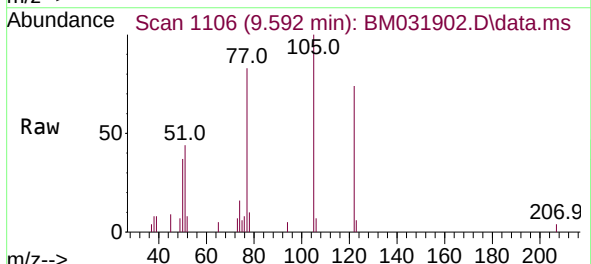
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

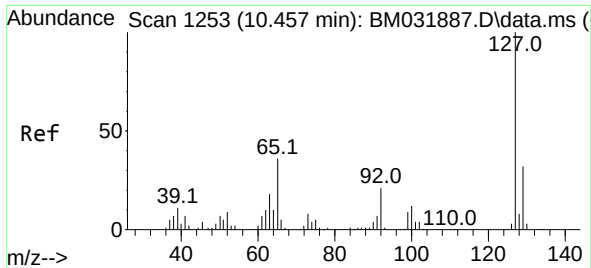
Tgt Ion:	128	Resp:	53020
Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	13.0
127	13.5	10.4	15.6



#32
Benzoic acid
Concen: 5.006 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.076 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	122	Resp:	7632
Ion	Ratio	Lower	Upper
122	100		
105	135.6	120.3	160.3
77	113.1	100.0	140.0

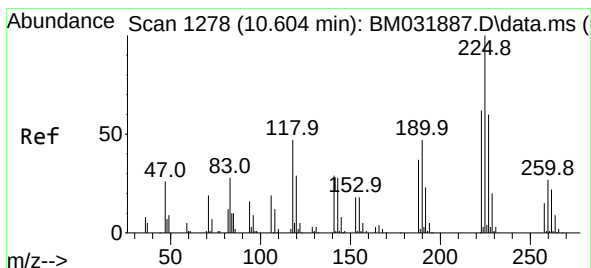
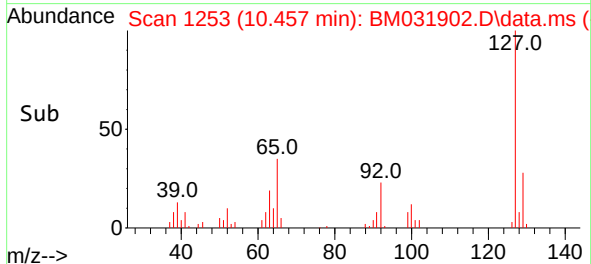
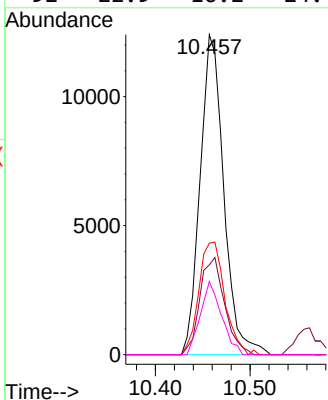
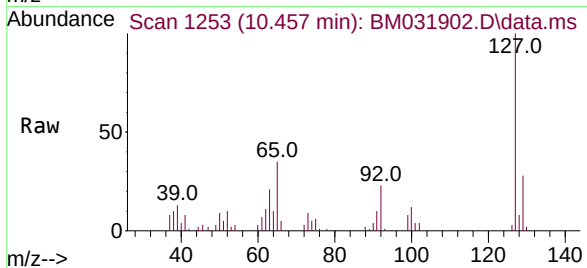




#33
4-Chloroaniline
Concen: 7.593 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

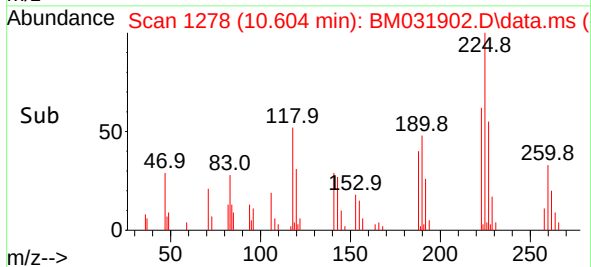
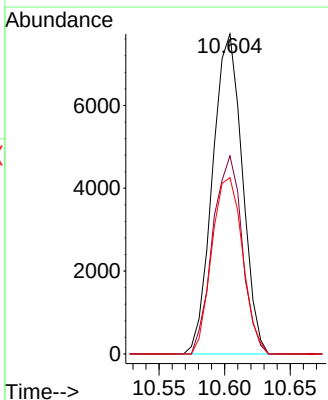
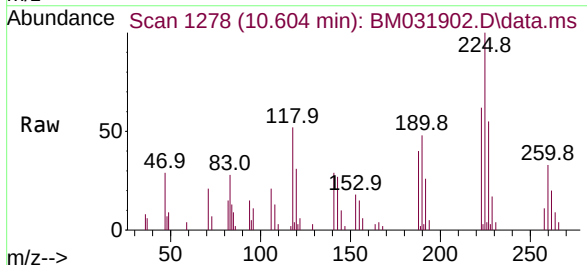
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

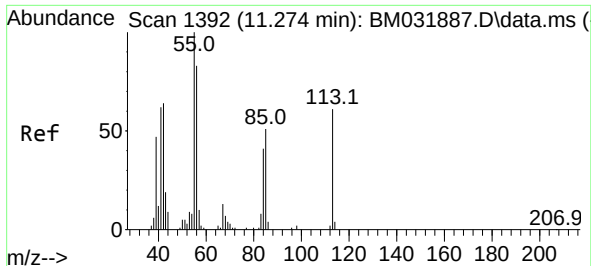
Tgt Ion:	127	Resp:	21553
Ion Ratio	Lower	Upper	
127	100		
129	28.1	25.6	38.4
65	34.8	30.4	45.6
92	22.9	16.2	24.4



#34
Hexachlorobutadiene
Concen: 7.982 ng
RT: 10.604 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	225	Resp:	12172
Ion Ratio	Lower	Upper	
225	100		
223	64.9	52.6	78.8
227	55.1	51.2	76.8

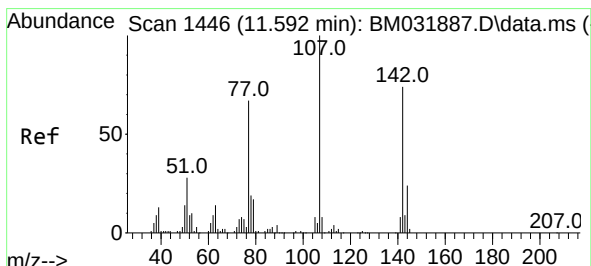
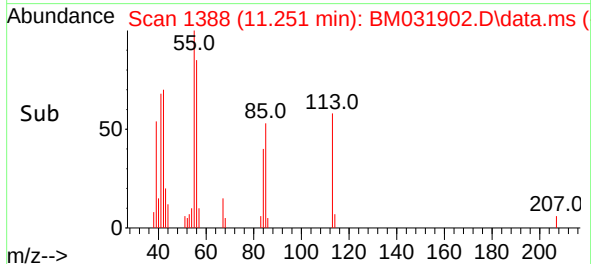
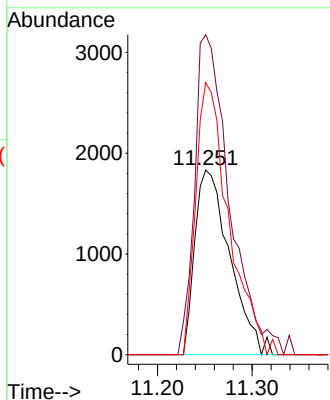
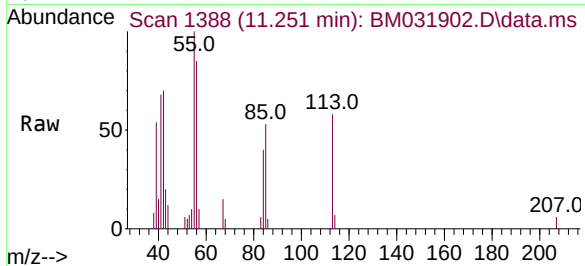




#35
Caprolactam
Concen: 7.339 ng
RT: 11.251 min Scan# 1388
Delta R.T. -0.023 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

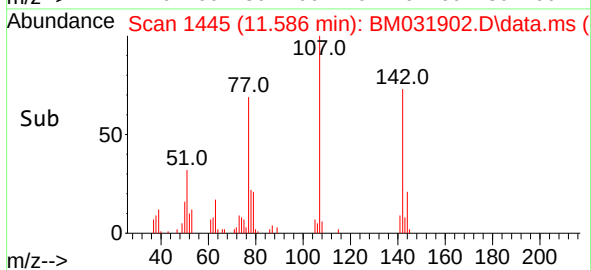
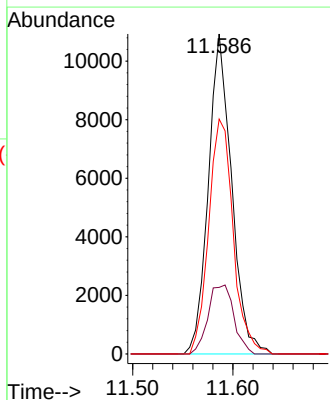
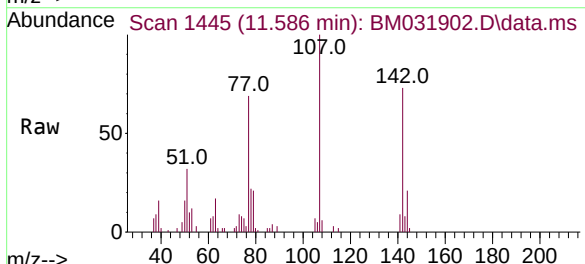
Instrument :
BNA_M
ClientSampleId :
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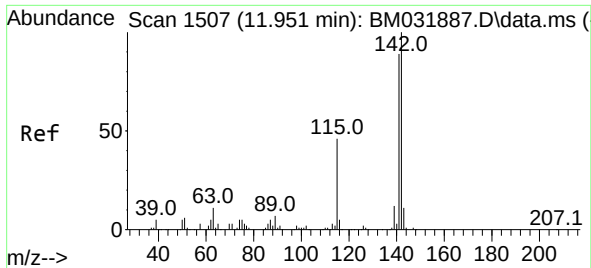
Tgt Ion:113 Resp: 4700
Ion Ratio Lower Upper
113 100
55 173.2 170.5 210.5
56 147.3 125.2 165.2



#36
4-Chloro-3-methylphenol
Concen: 7.065 ng
RT: 11.586 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:107 Resp: 17607
Ion Ratio Lower Upper
107 100
144 20.8 19.3 28.9
142 73.4 60.5 90.7

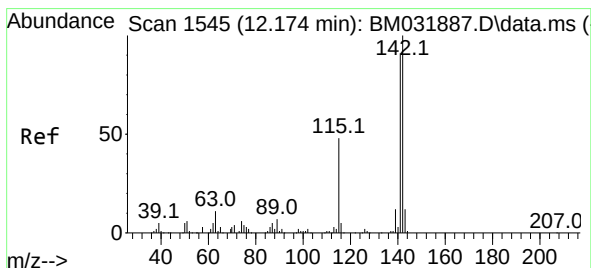
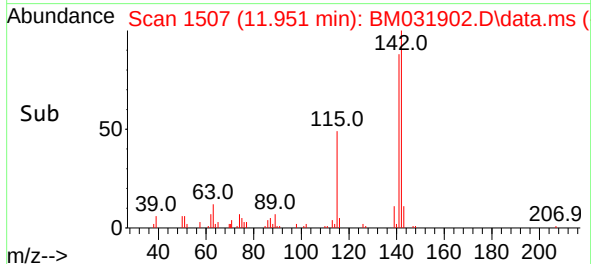
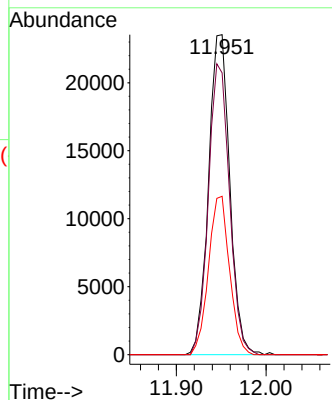
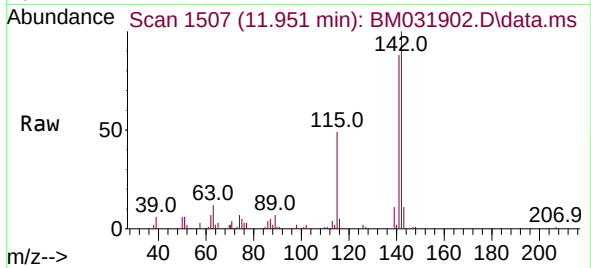




#37
2-Methylnaphthalene
Concen: 7.333 ng
RT: 11.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

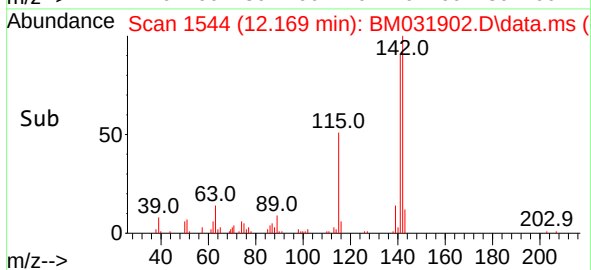
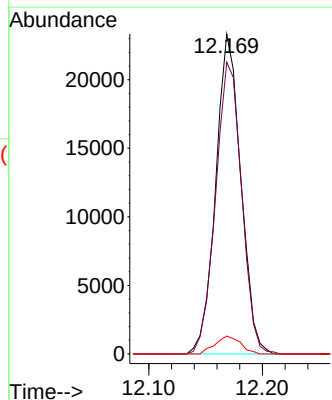
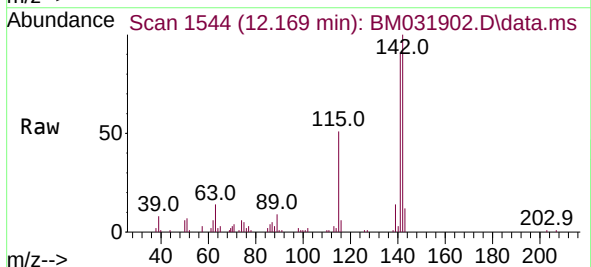
Instrument :
BNA_M
ClientSampleId :
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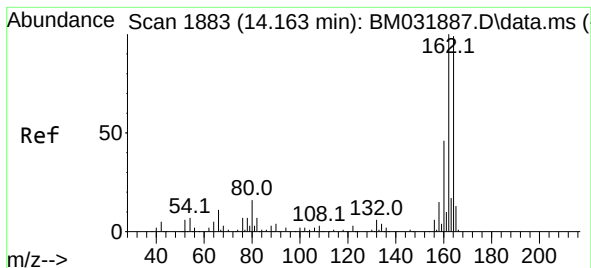
Tgt Ion:	142	Resp:	38762
Ion Ratio	Lower	Upper	
142	100		
141	88.1	71.8	107.6
115	49.5	36.3	54.5



#38
1-Methylnaphthalene
Concen: 7.149 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	142	Resp:	35747
Ion Ratio	Lower	Upper	
142	100		
141	91.2	75.6	113.4
116	5.6	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: BM031902.D

Acq: 25 Aug 2021 23:45

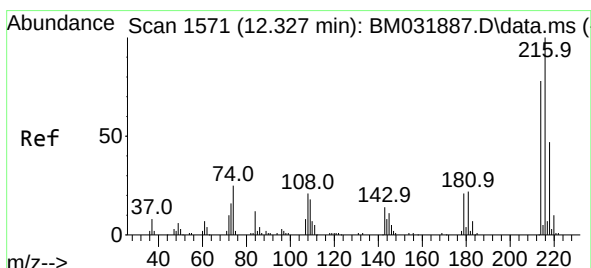
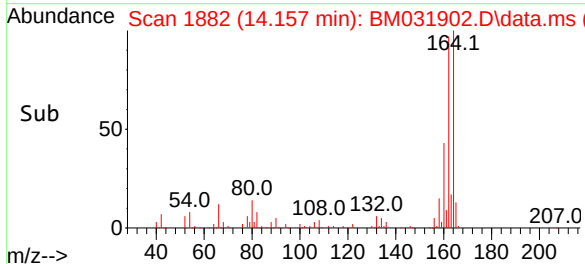
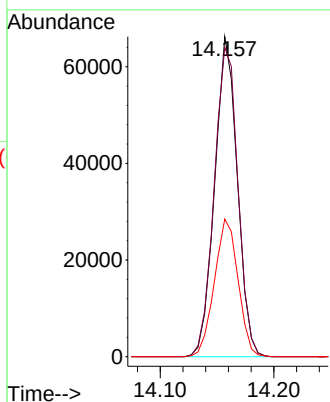
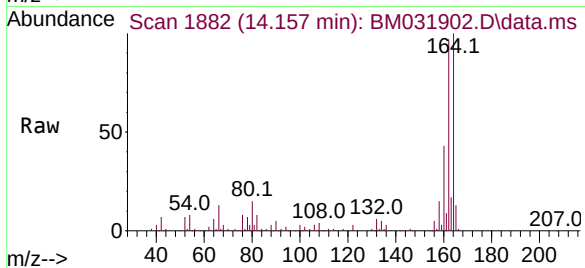
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:164	Resp:	91641
Ion Ratio	Lower	Upper
164	100	
162	96.6	80.6 121.0
160	43.0	35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.745 ng

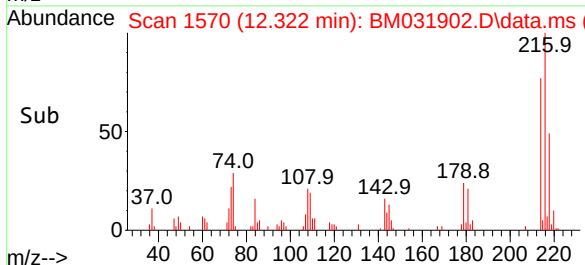
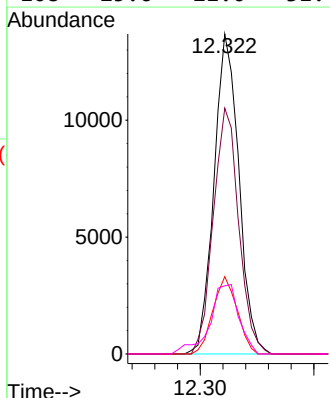
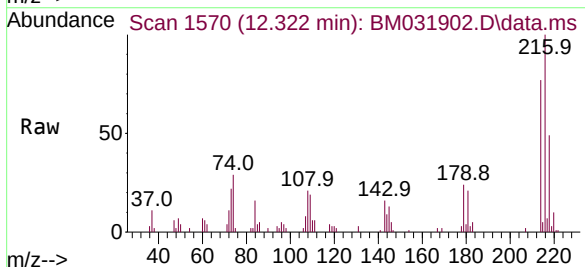
RT: 12.322 min Scan# 1570

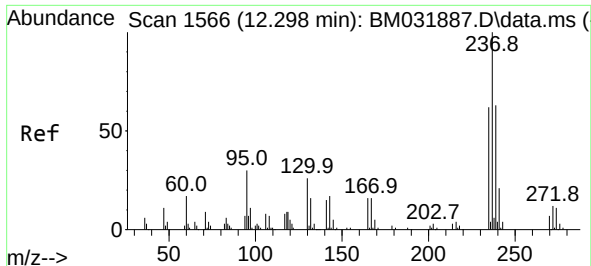
Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

Tgt Ion:216	Resp:	20793
Ion Ratio	Lower	Upper
216	100	
214	78.5	62.5 93.7
179	23.5	18.7 28.1
108	25.6	21.0 31.4

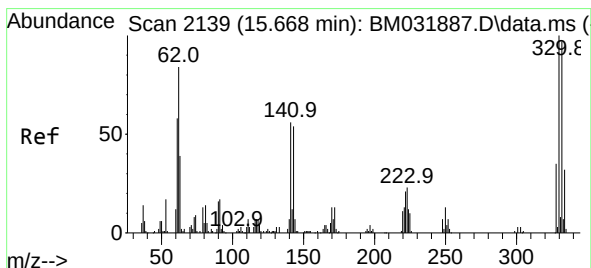
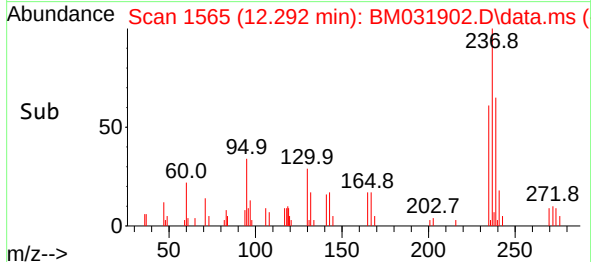
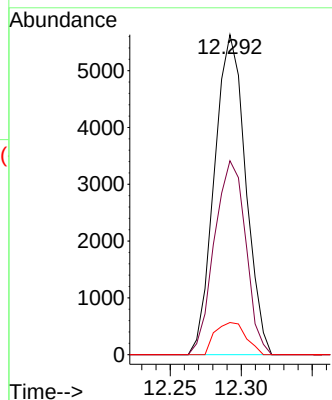
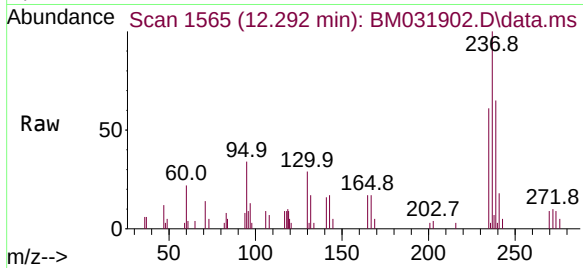




#41
Hexachlorocyclopentadiene
Concen: 6.574 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

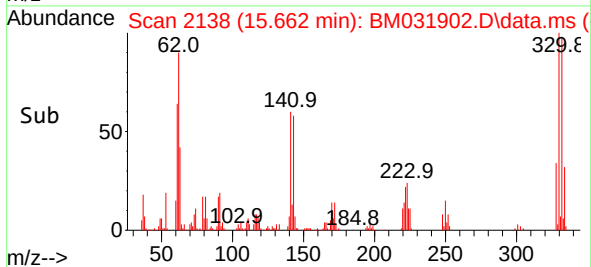
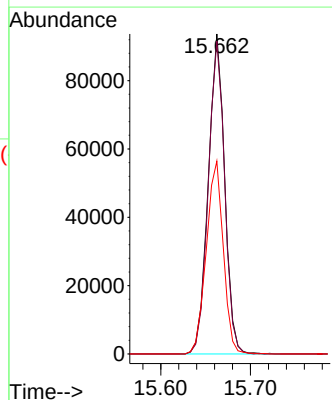
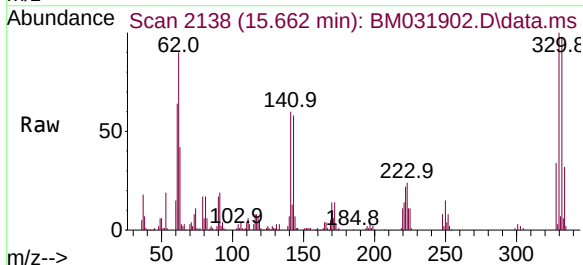
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

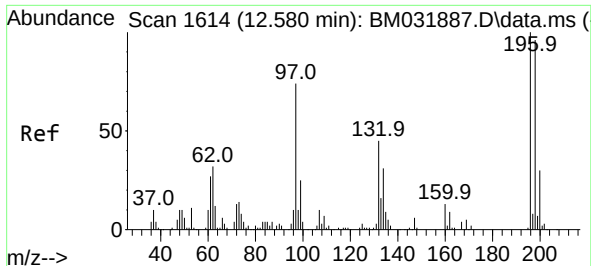
Tgt Ion:	237	Resp:	8606
Ion	Ratio	Lower	Upper
237	100		
235	60.6	44.4	84.4
272	10.1	0.0	31.4



#42
2,4,6-Tribromophenol
Concen: 109.744 ng
RT: 15.662 min Scan# 2138
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	330	Resp:	118880
Ion	Ratio	Lower	Upper
330	100		
332	97.5	75.7	113.5
141	62.6	50.7	76.1

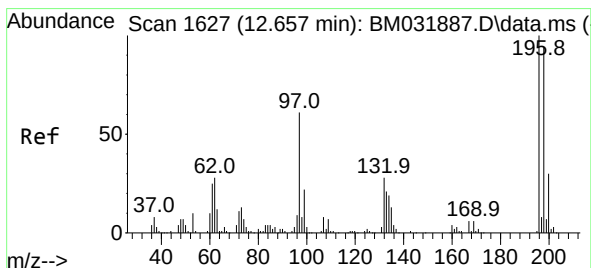
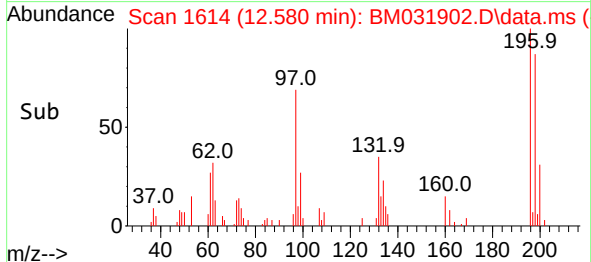
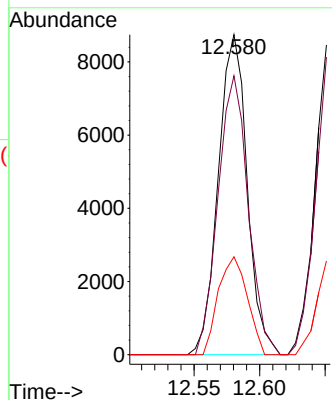
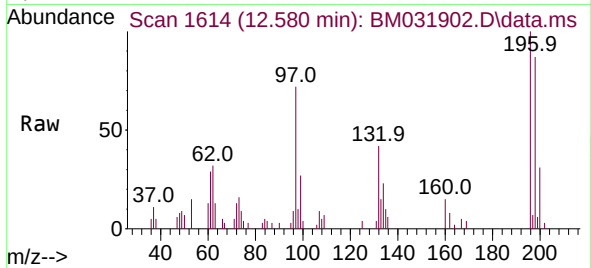




#43
2,4,6-Trichlorophenol
Concen: 6.944 ng
RT: 12.580 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

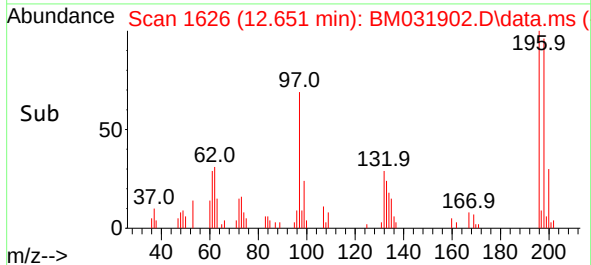
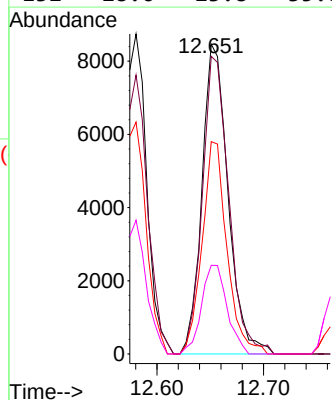
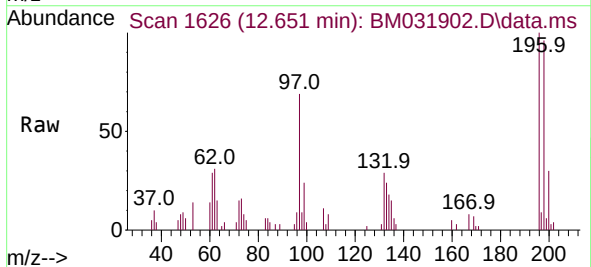
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

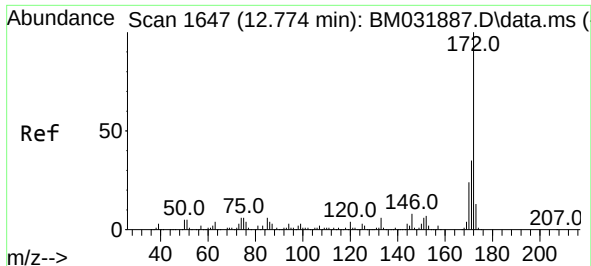
Tgt Ion:196 Resp: 13387
Ion Ratio Lower Upper
196 100
198 87.1 73.6 110.4
200 30.6 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 6.932 ng
RT: 12.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:196 Resp: 14441
Ion Ratio Lower Upper
196 100
198 96.1 77.0 115.4
97 68.5 53.9 80.9
132 28.6 23.8 35.8

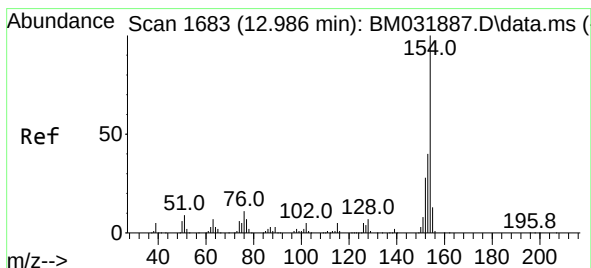
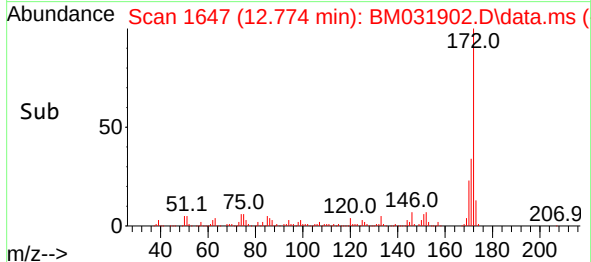
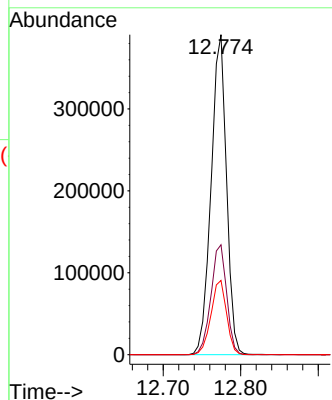
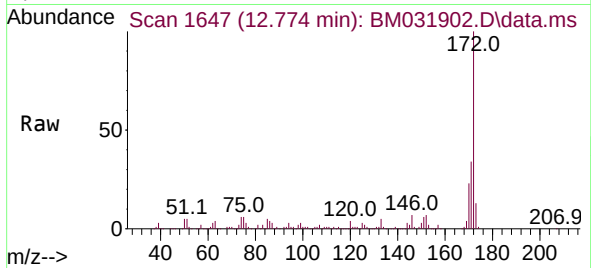




#45
2-Fluorobiphenyl
Concen: 77.636 ng
RT: 12.774 min Scan# 1647
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

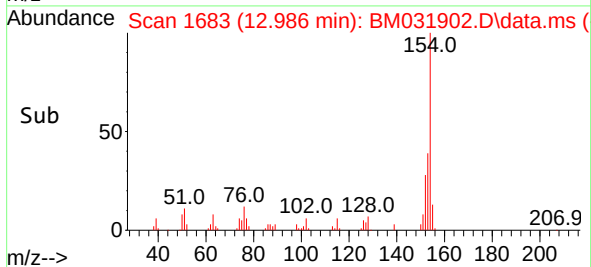
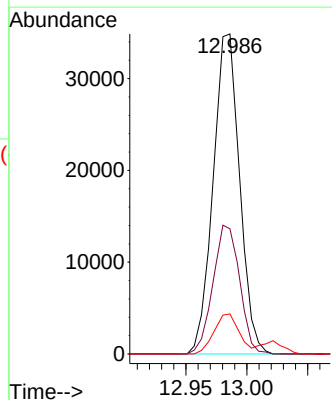
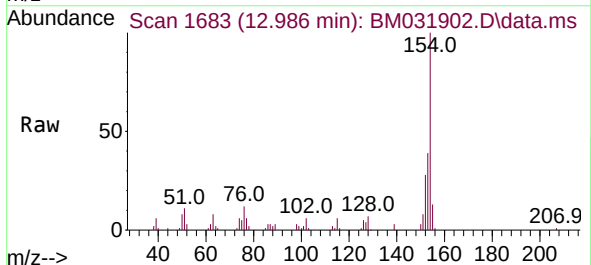
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

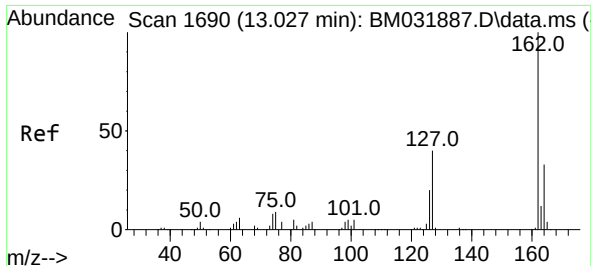
Tgt Ion:172 Resp: 539264
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 23.2 18.6 27.8



#46
1,1'-Biphenyl
Concen: 7.438 ng
RT: 12.986 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:154 Resp: 52754
Ion Ratio Lower Upper
154 100
153 39.1 20.3 60.3
76 12.5 0.0 33.5

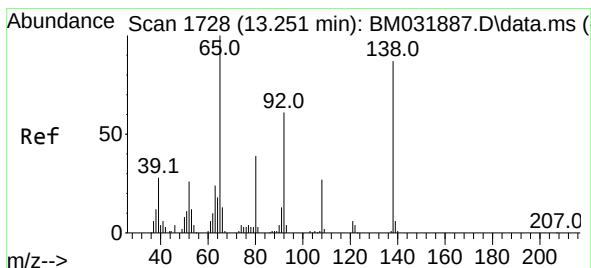
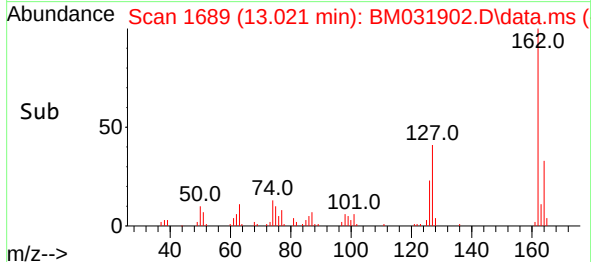
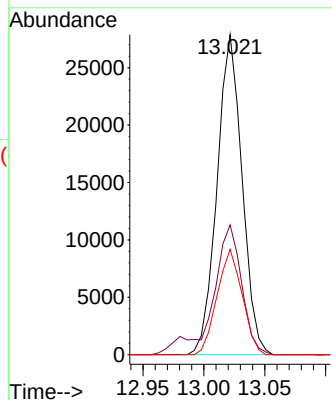
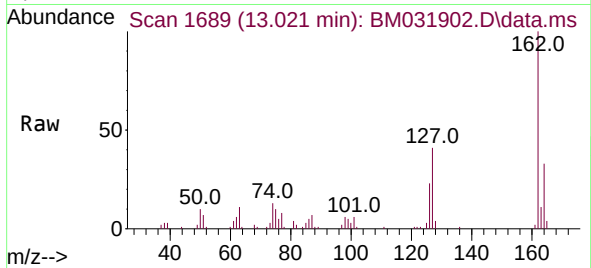




#47
2-Chloronaphthalene
Concen: 7.129 ng
RT: 13.021 min Scan# 1689
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

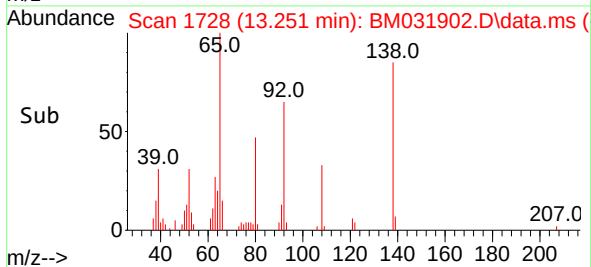
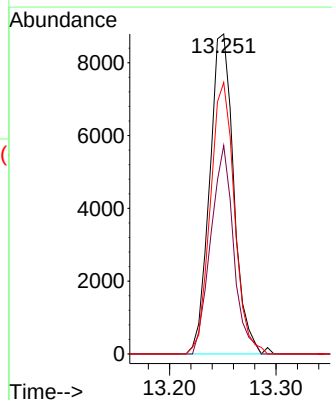
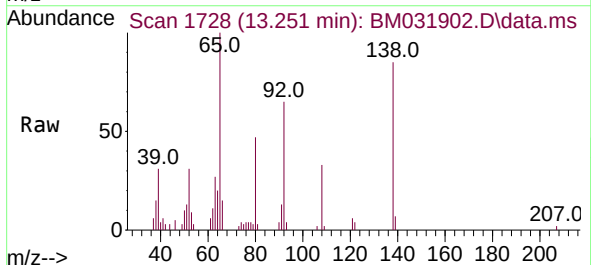
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

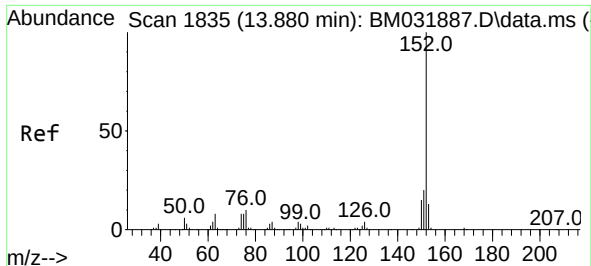
Tgt Ion:162	Resp:	39806
Ion Ratio	Lower	Upper
162	100	
127	40.5	33.2 49.8
164	32.9	25.7 38.5



#48
2-Nitroaniline
Concen: 7.122 ng
RT: 13.251 min Scan# 1728
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion: 65	Resp:	13839
Ion Ratio	Lower	Upper
65	100	
92	65.2	51.2 76.8
138	84.8	66.8 100.2





#49

Acenaphthylene

Concen: 7.137 ng

RT: 13.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

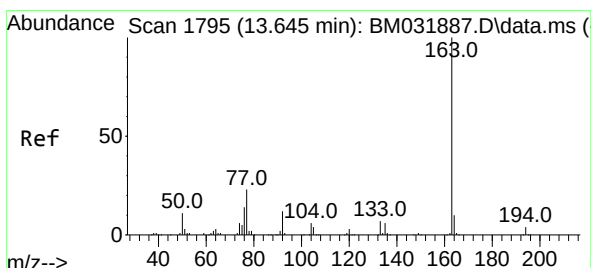
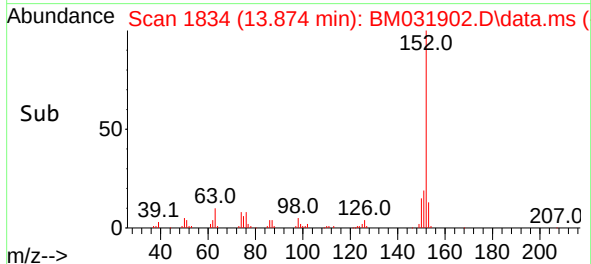
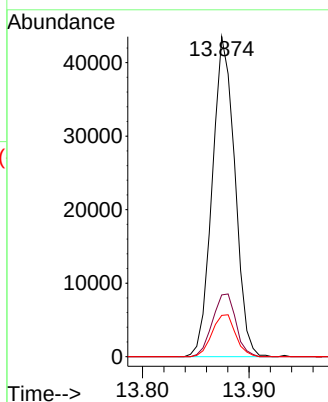
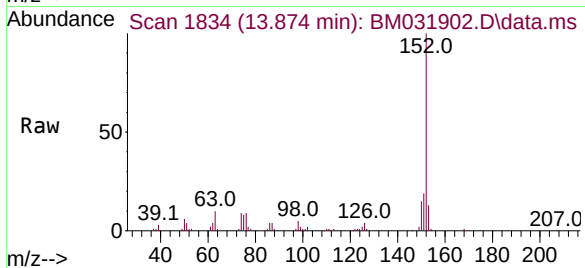
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:152	Resp:	64113
Ion Ratio	Lower	Upper
152	100	
151	19.3	15.7 23.5
153	12.9	10.6 15.8



#50

Dimethylphthalate

Concen: 7.387 ng

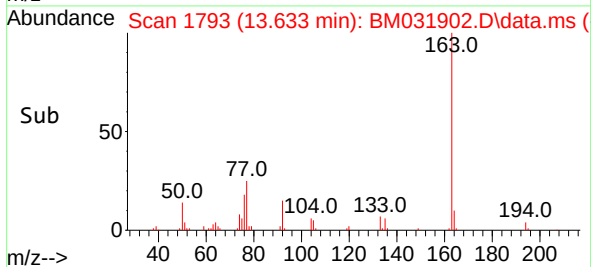
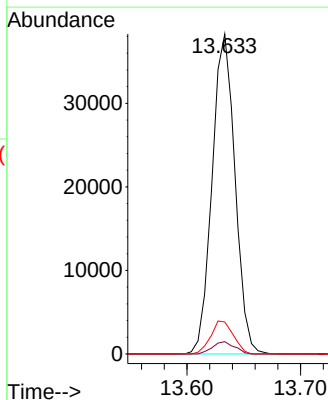
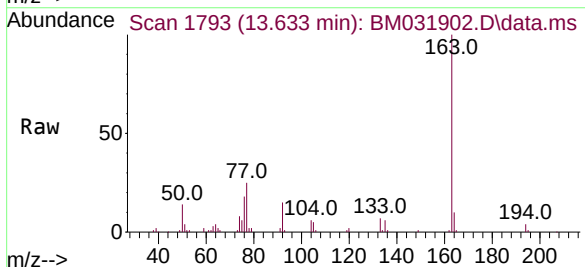
RT: 13.633 min Scan# 1793

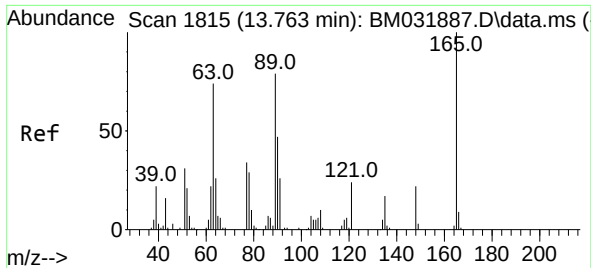
Delta R.T. -0.012 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

Tgt Ion:163	Resp:	53662
Ion Ratio	Lower	Upper
163	100	
194	3.9	2.9 4.3
164	10.0	8.0 12.0

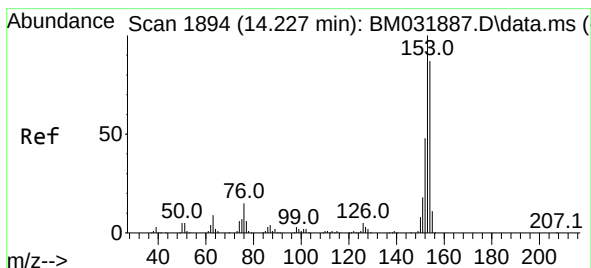
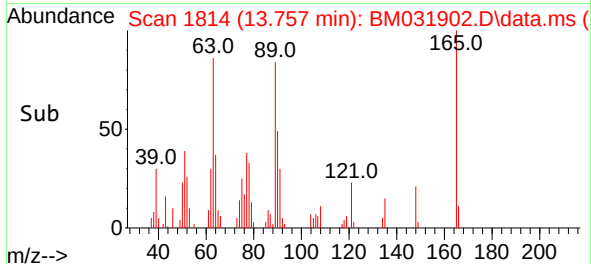
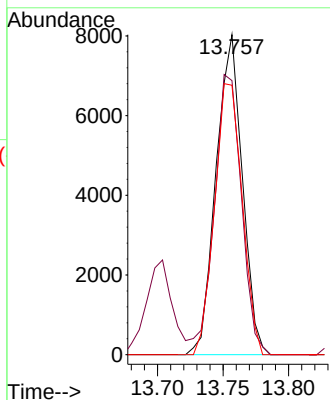
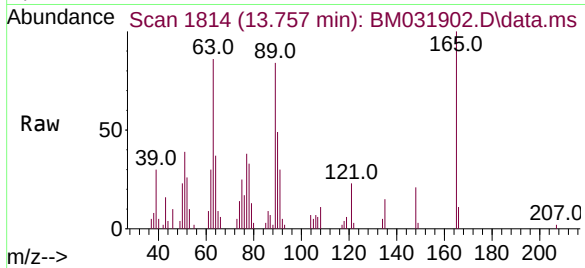




#51
2,6-Dinitrotoluene
Concen: 6.979 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

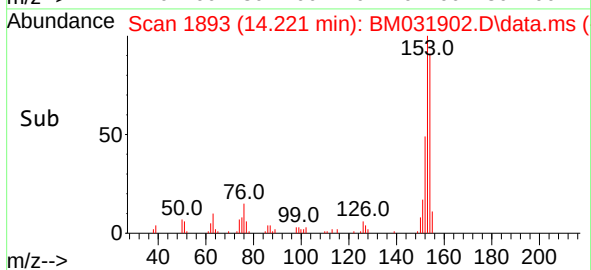
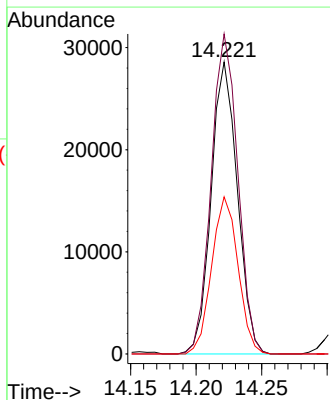
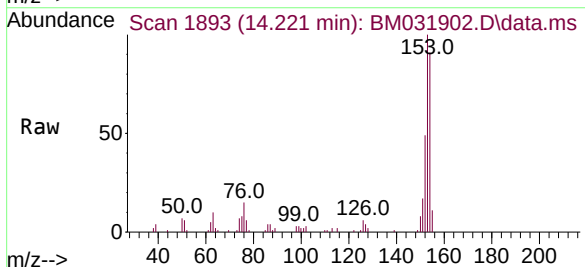
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

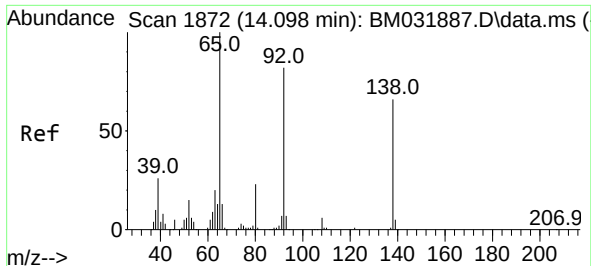
Tgt Ion:165 Resp: 11166
Ion Ratio Lower Upper
165 100
63 85.7 72.4 108.6
89 84.2 69.3 103.9



#52
Acenaphthene
Concen: 7.280 ng
RT: 14.221 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:154 Resp: 39814
Ion Ratio Lower Upper
154 100
153 109.6 92.4 138.6
152 53.8 43.7 65.5

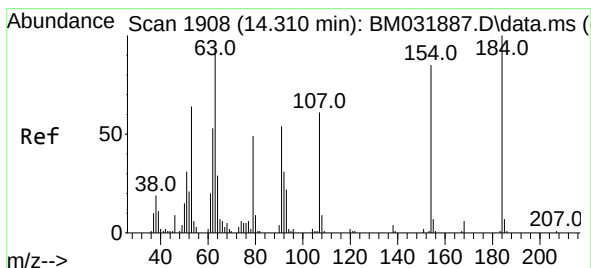
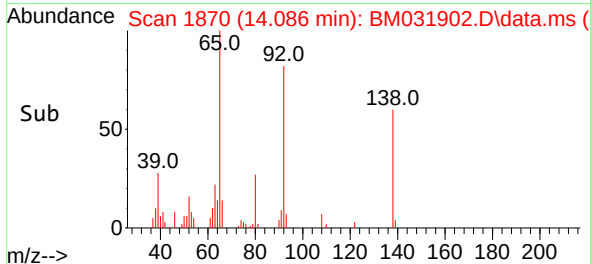
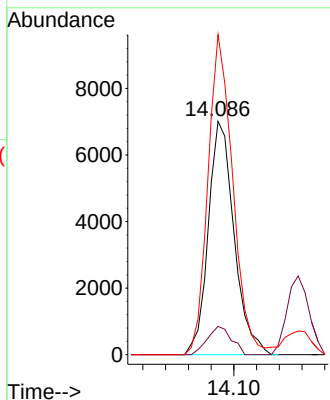
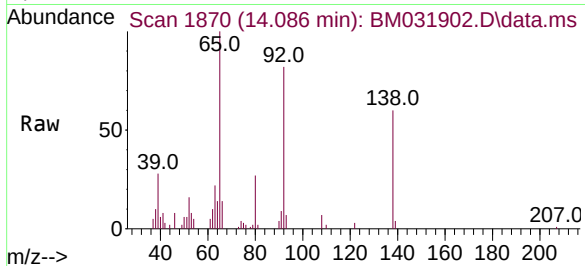




#53
3-Nitroaniline
Concen: 7.110 ng
RT: 14.086 min Scan# 1870
Delta R.T. -0.012 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

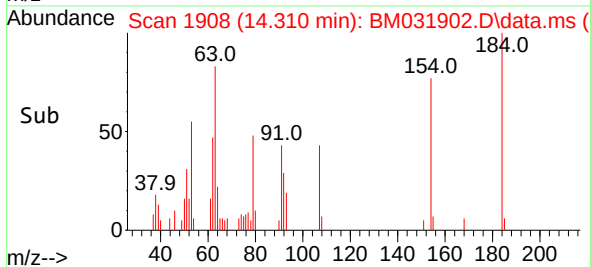
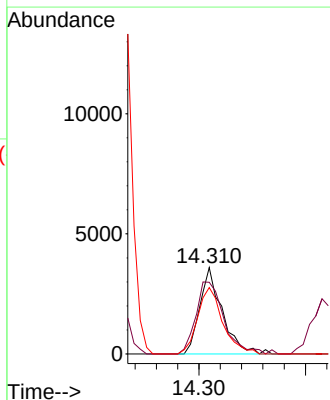
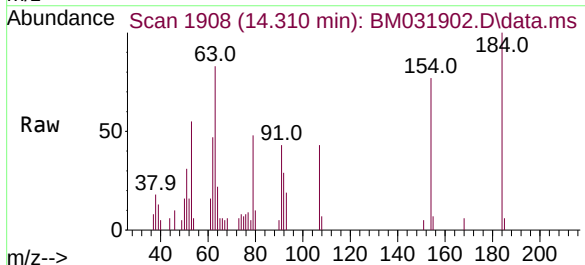
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

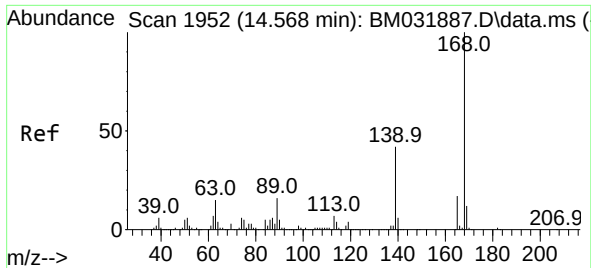
Tgt Ion:138 Resp: 11065
Ion Ratio Lower Upper
138 100
108 12.1 8.3 12.5
92 137.1 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 5.820 ng
RT: 14.310 min Scan# 1908
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:184 Resp: 5273
Ion Ratio Lower Upper
184 100
63 83.0 93.8 140.6#
154 76.8 64.0 96.0

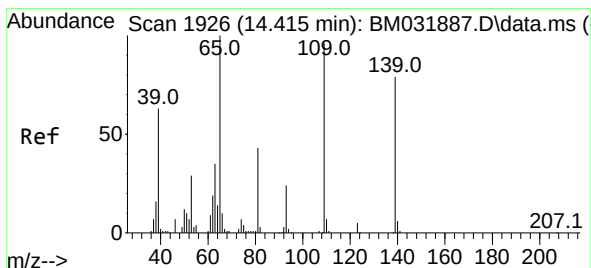
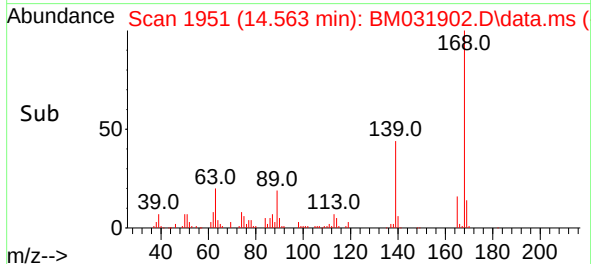
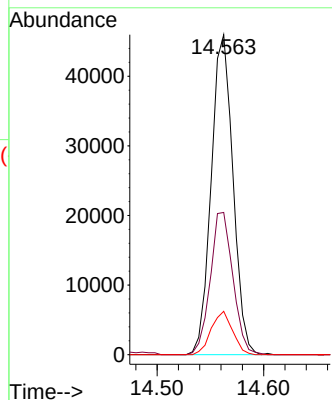
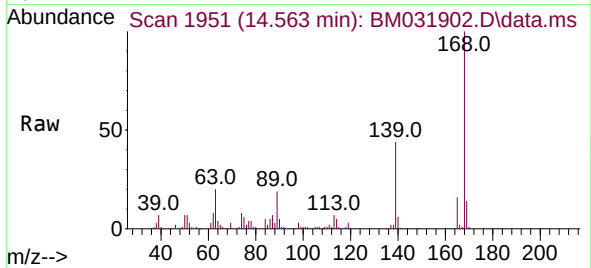




#55
Dibenzenofuran
Concen: 7.088 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

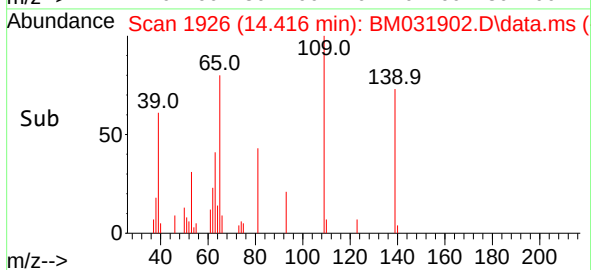
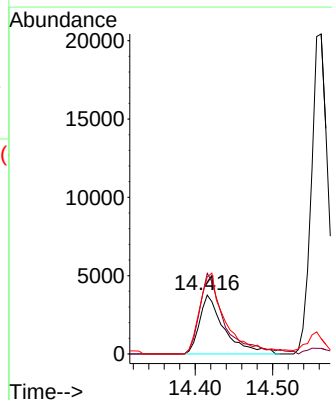
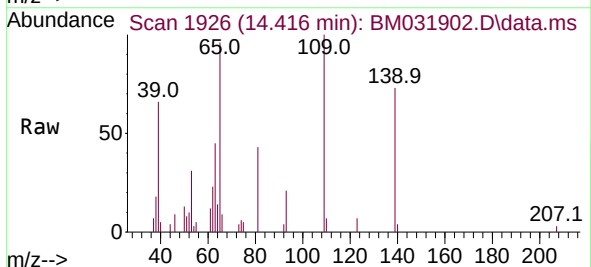
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

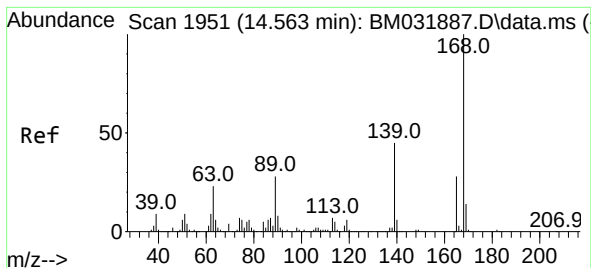
Tgt Ion:168 Resp: 65280
Ion Ratio Lower Upper
168 100
139 44.4 35.0 52.4
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 6.790 ng
RT: 14.416 min Scan# 1926
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:139 Resp: 8348
Ion Ratio Lower Upper
139 100
109 136.9 92.3 132.3#
65 130.9 110.5 150.5

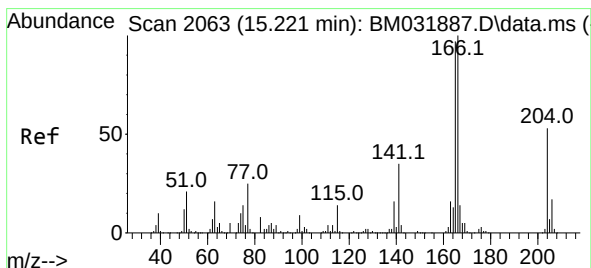
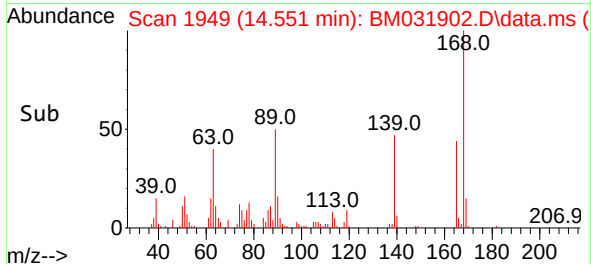
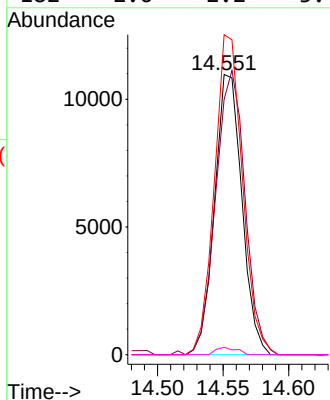
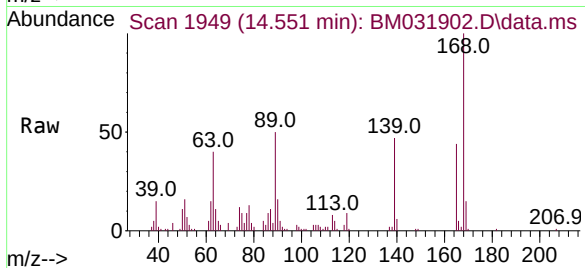




#57
2,4-Dinitrotoluene
Concen: 6.972 ng
RT: 14.551 min Scan# 1949
Delta R.T. -0.012 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

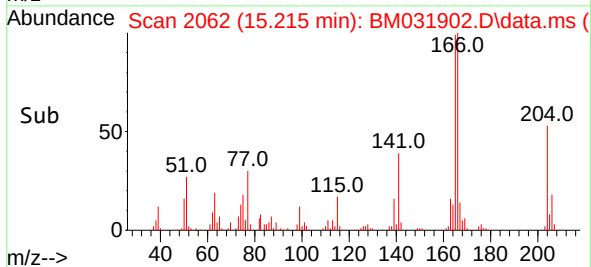
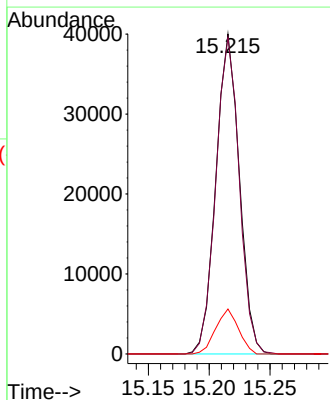
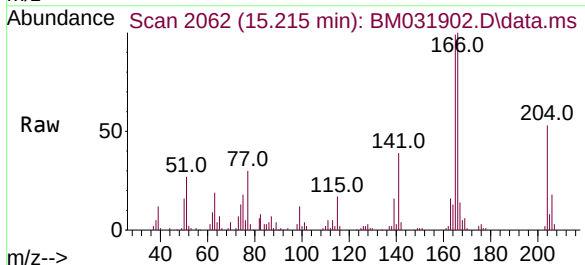
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

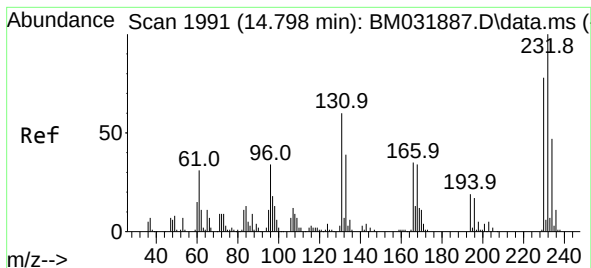
Tgt Ion:165	Resp:	15886
Ion Ratio	Lower	Upper
165	100	
63	91.2	70.3 105.5
89	114.2	83.1 124.7
182	2.6	2.2 3.4



#58
Fluorene
Concen: 7.112 ng
RT: 15.215 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:166	Resp:	53710
Ion Ratio	Lower	Upper
166	100	
165	98.8	79.3 118.9
167	14.0	10.6 16.0

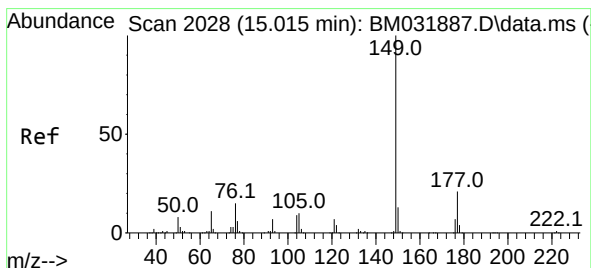
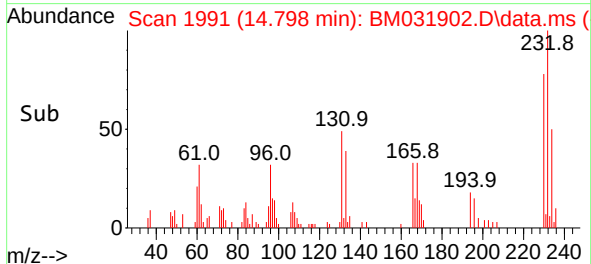
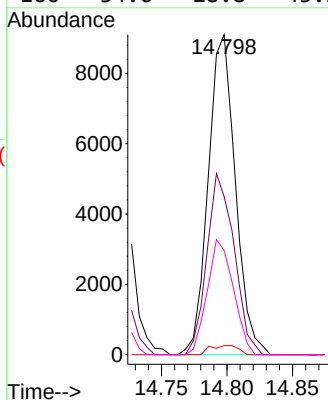
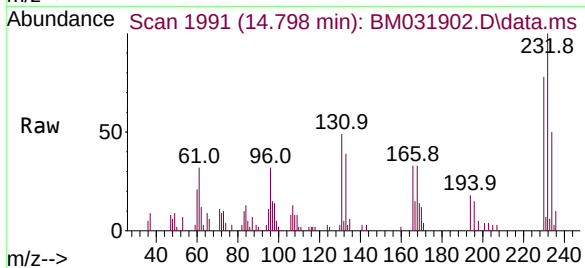




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.200 ng
RT: 14.798 min Scan# 1991
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

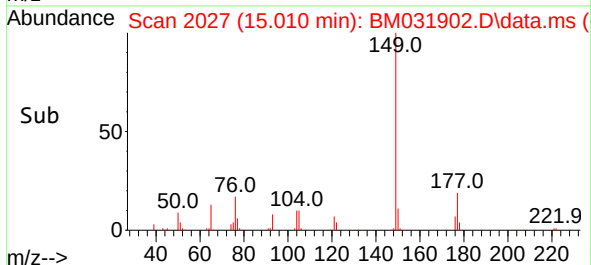
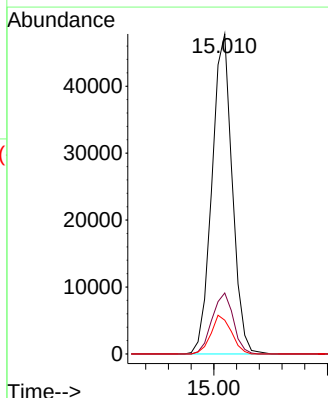
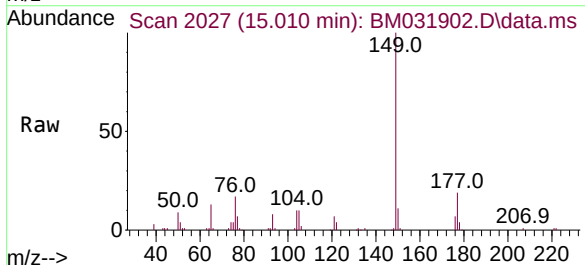
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

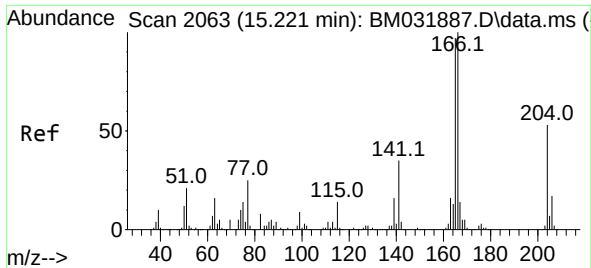
Tgt Ion:	232	Resp:	13095
Ion Ratio	Lower	Upper	
232	100		
131	56.8	50.6	75.8
130	3.0	3.0	4.4
166	34.6	28.8	43.2



#60
Diethylphthalate
Concen: 7.468 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	149	Resp:	59210
Ion Ratio	Lower	Upper	
149	100		
177	19.1	15.7	23.5
150	10.5	9.6	14.4

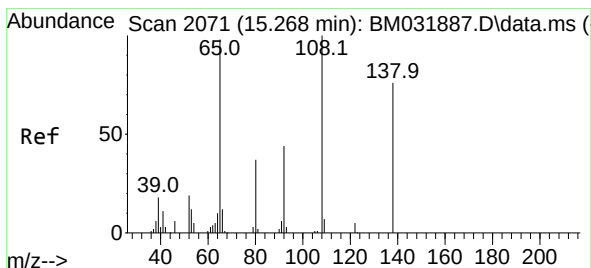
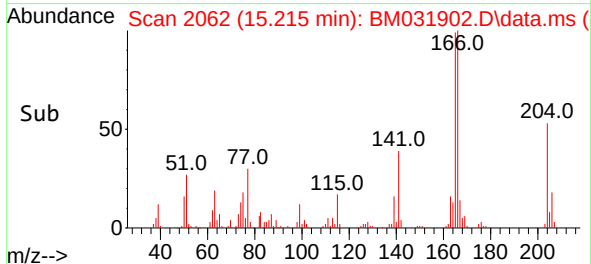
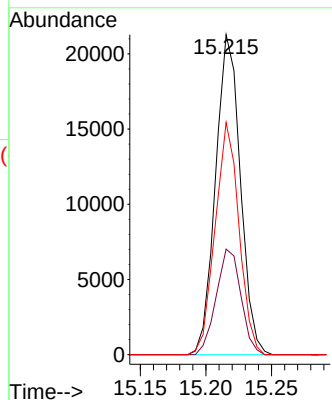
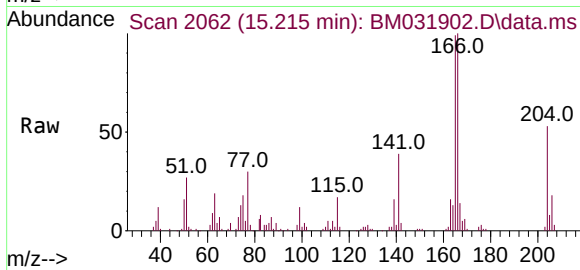




#61
4-Chlorophenyl-phenylether
Concen: 7.449 ng
RT: 15.215 min Scan# 2062
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

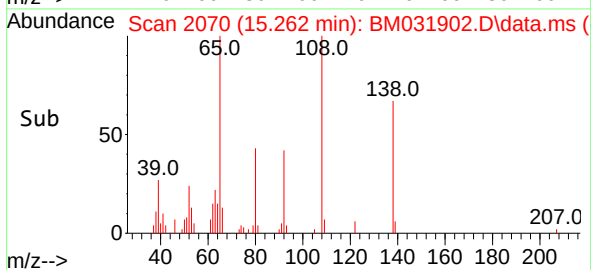
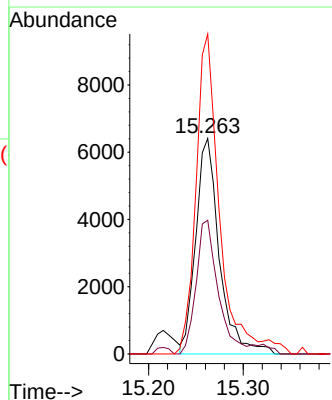
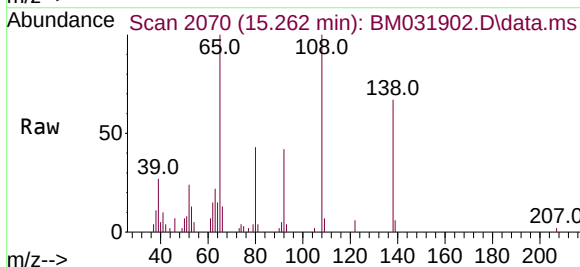
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

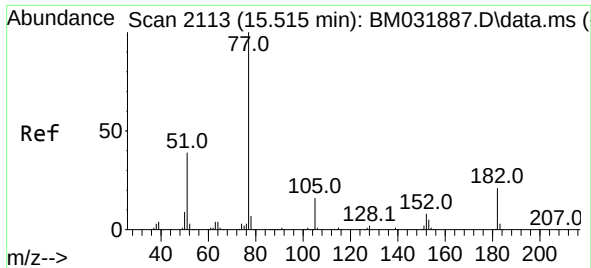
Tgt Ion:204 Resp: 27923
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 72.5 55.8 83.8



#62
4-Nitroaniline
Concen: 7.404 ng
RT: 15.262 min Scan# 2070
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:138 Resp: 11127
Ion Ratio Lower Upper
138 100
92 62.0 40.6 80.6
108 148.4 103.8 143.8#

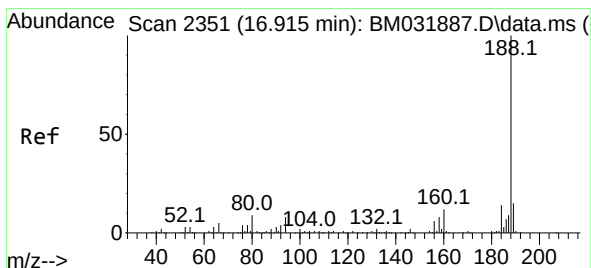
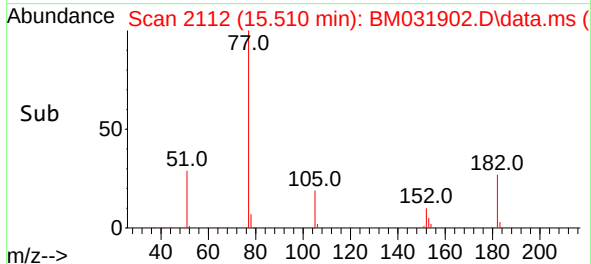
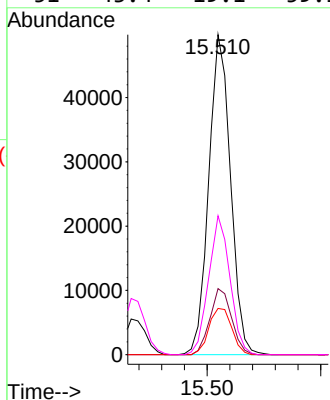
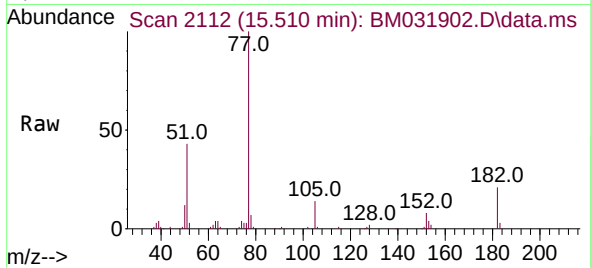




#63
Azobenzene
Concen: 7.575 ng
RT: 15.510 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

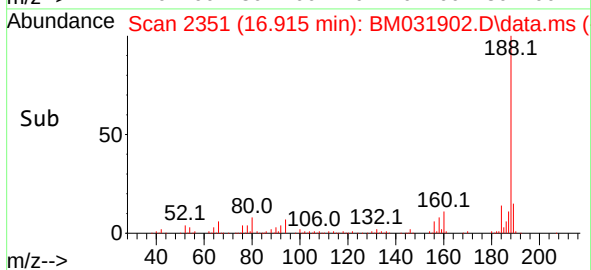
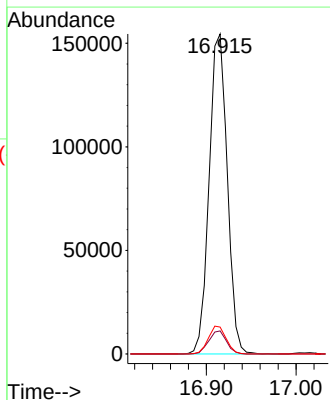
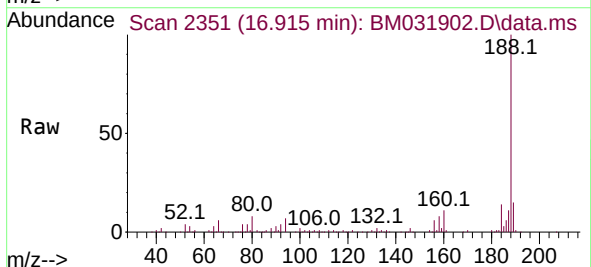
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

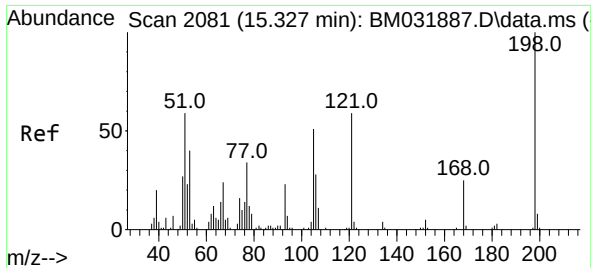
Tgt Ion: 77	Resp: 66226
Ion Ratio	Lower Upper
77 100	
182 20.6	0.0 39.3
105 14.4	0.0 36.1
51 43.4	19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2351
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion: 188	Resp: 216388
Ion Ratio	Lower Upper
188 100	
94 7.2	6.3 9.5
80 8.4	7.3 10.9

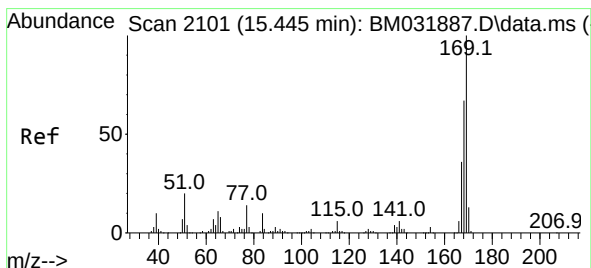
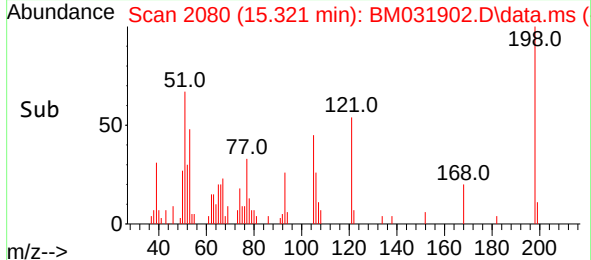
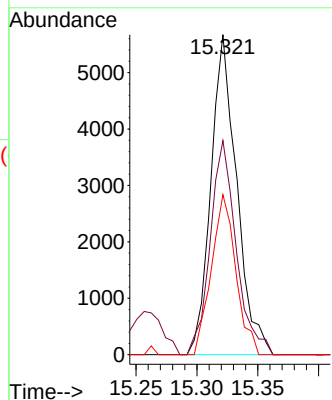
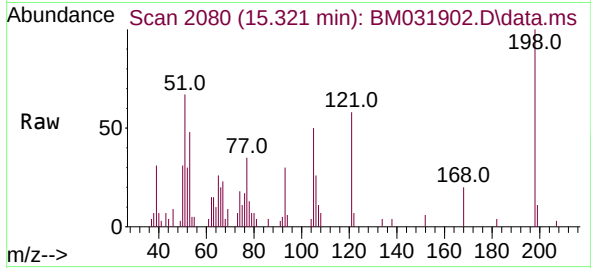




#65
4,6-Dinitro-2-methylphenol
Concen: 5.608 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

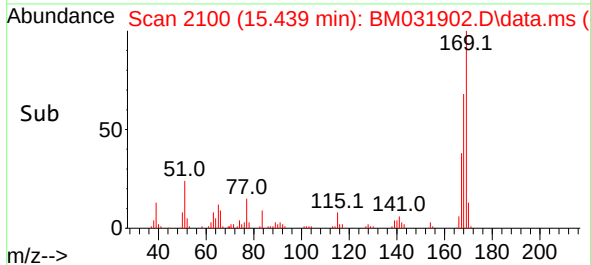
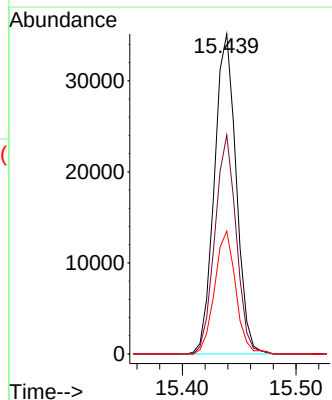
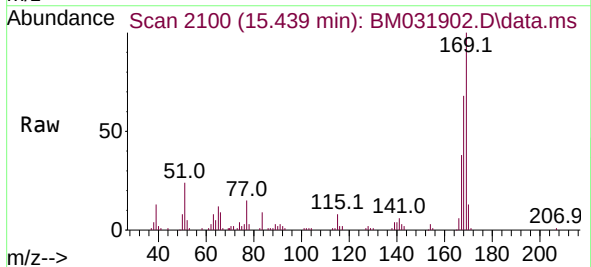
Instrument :
BNA_M
ClientSampleId :
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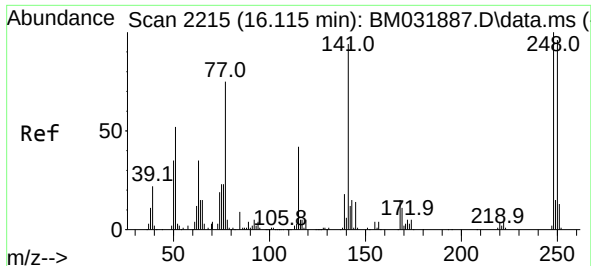
Tgt Ion:	198	Resp:	8359
Ion Ratio	Lower	Upper	
198	100		
51	66.9	49.7	89.7
105	50.0	34.9	74.9



#66
n-Nitrosodiphenylamine
Concen: 6.499 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	169	Resp:	46868
Ion Ratio	Lower	Upper	
169	100		
168	68.4	55.0	82.4
167	38.4	29.8	44.8

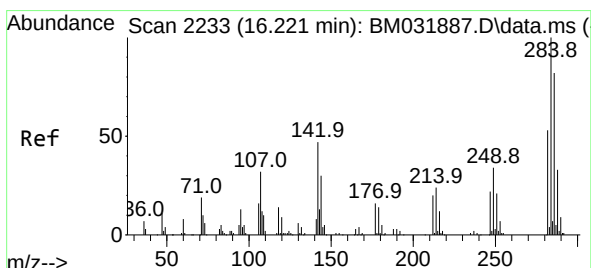
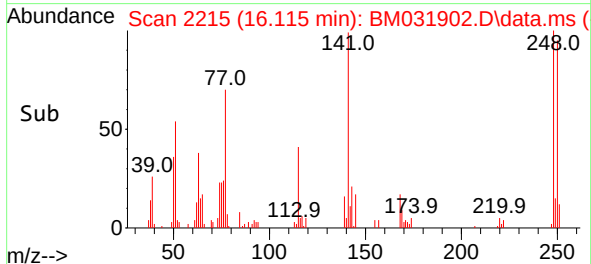
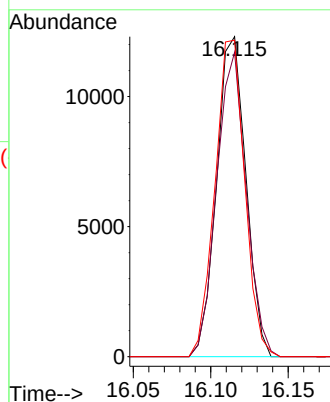
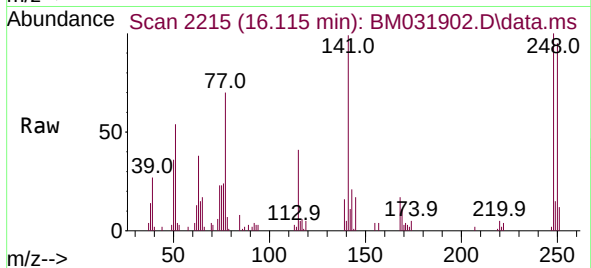




#67
4-Bromophenyl-phenylether
Concen: 6.684 ng
RT: 16.115 min Scan# 2215
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

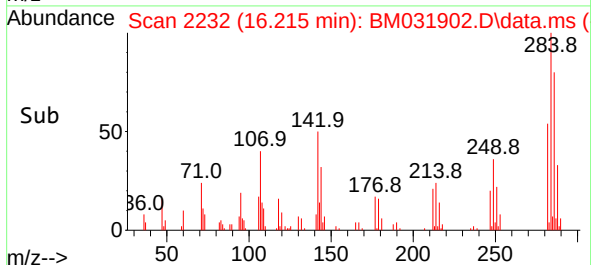
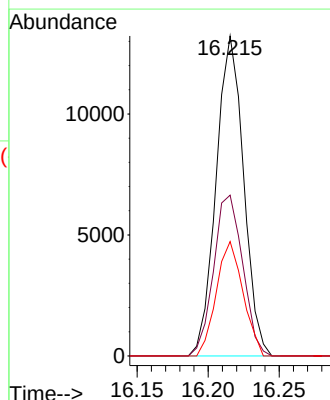
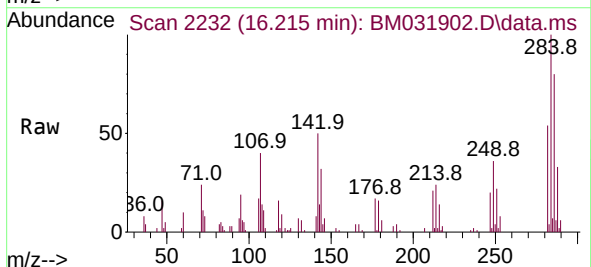
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

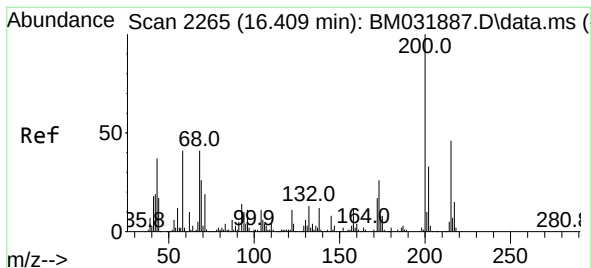
Tgt Ion:248 Resp: 16154
Ion Ratio Lower Upper
248 100
250 95.2 77.4 116.2
141 98.9 74.1 111.1



#68
Hexachlorobenzene
Concen: 6.974 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:284 Resp: 17816
Ion Ratio Lower Upper
284 100
142 50.3 43.0 64.6
249 35.7 27.6 41.4





#69

Atrazine

Concen: 7.472 ng

RT: 16.404 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

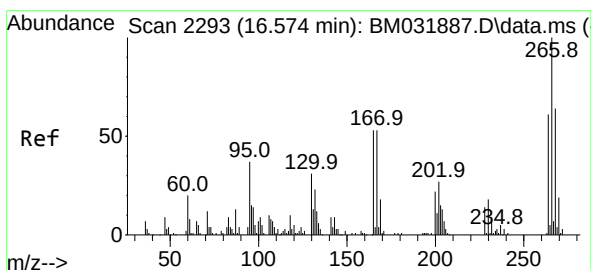
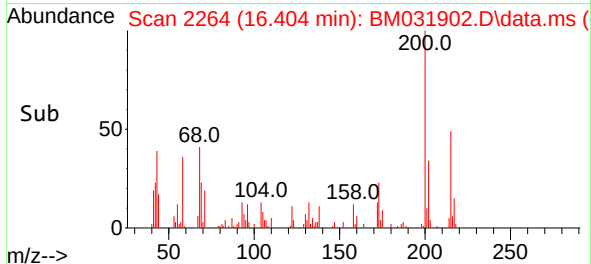
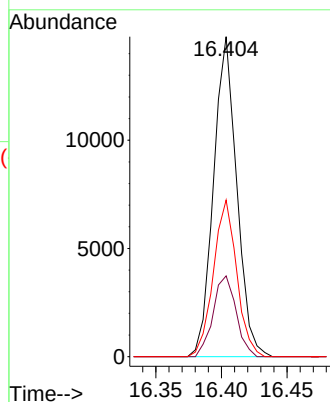
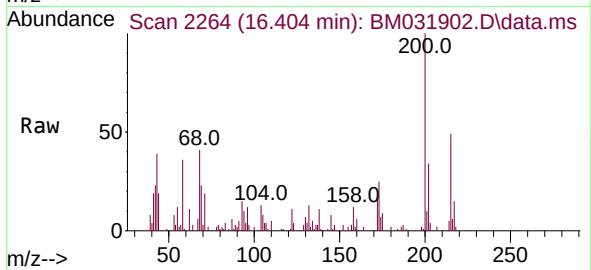
Tgt Ion:	200	Resp:	18166
Ion Ratio	Lower	Upper	
200	100		
173	25.2	5.8	45.8
215	48.9	23.6	63.6

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021



#70

Pentachlorophenol

Concen: 6.565 ng

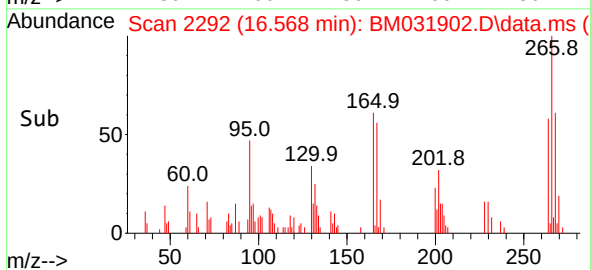
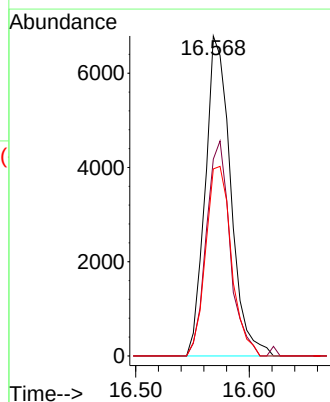
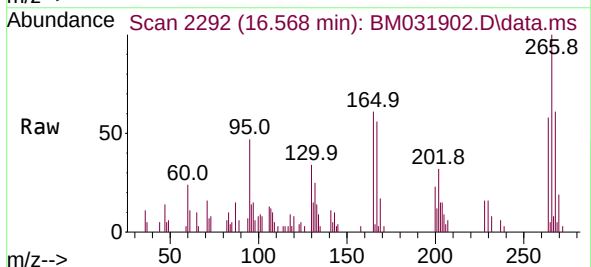
RT: 16.568 min Scan# 2292

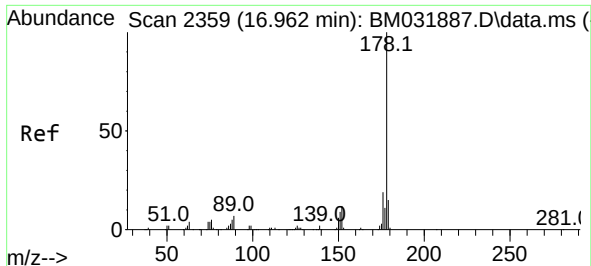
Delta R.T. -0.006 min

Lab File: BM031902.D

Acq: 25 Aug 2021 23:45

Tgt Ion:	266	Resp:	10533
Ion Ratio	Lower	Upper	
266	100		
268	61.5	50.3	75.5
264	58.5	52.1	78.1

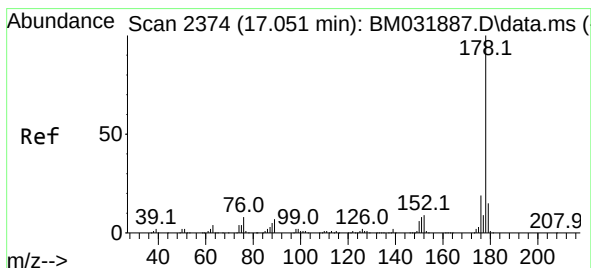
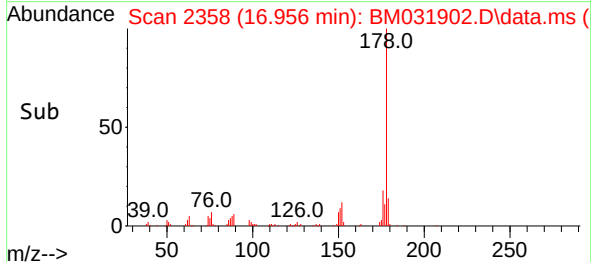
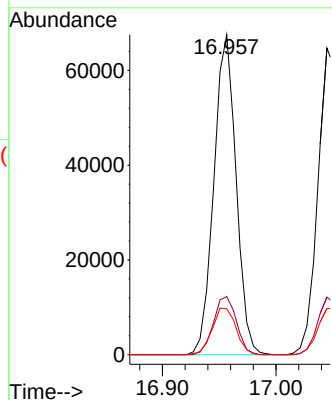
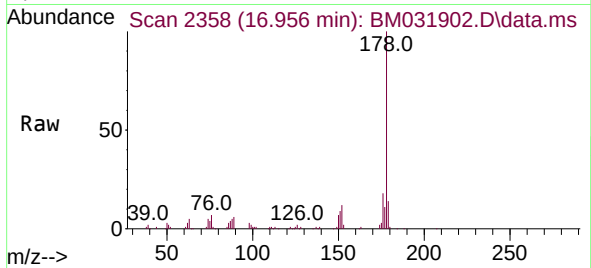




#71
Phenanthrene
Concen: 7.198 ng
RT: 16.956 min Scan# 2358
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

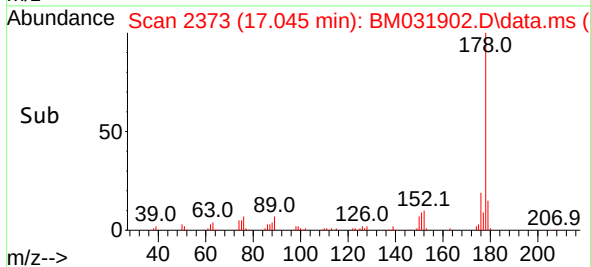
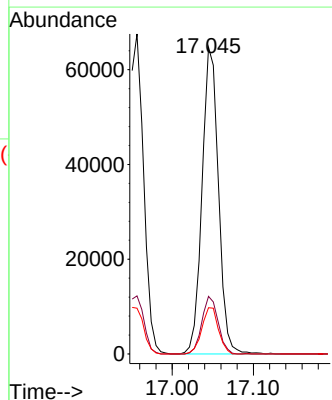
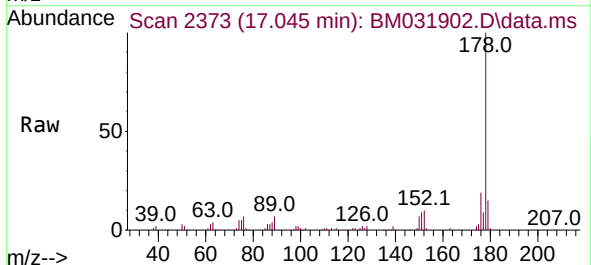
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

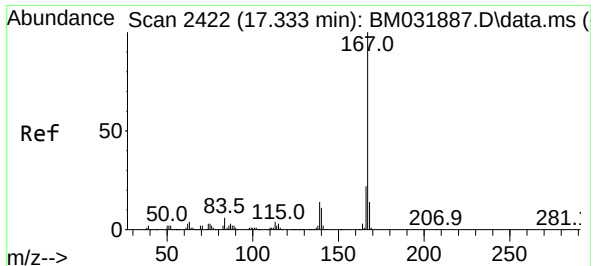
Tgt Ion:178 Resp: 91709
Ion Ratio Lower Upper
178 100
176 18.2 15.6 23.4
179 14.3 12.4 18.6



#72
Anthracene
Concen: 7.300 ng
RT: 17.045 min Scan# 2373
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:178 Resp: 90970
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.1 12.3 18.5

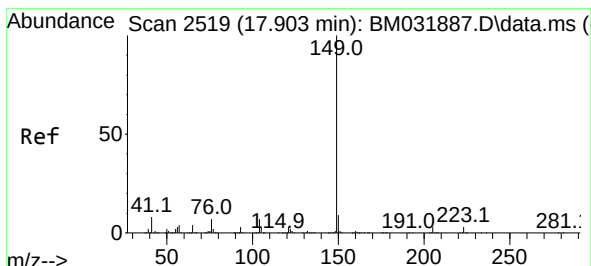
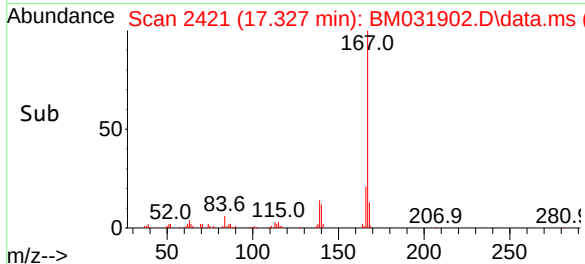
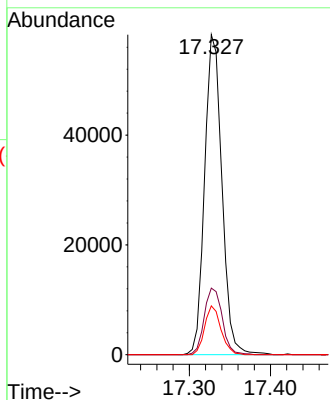
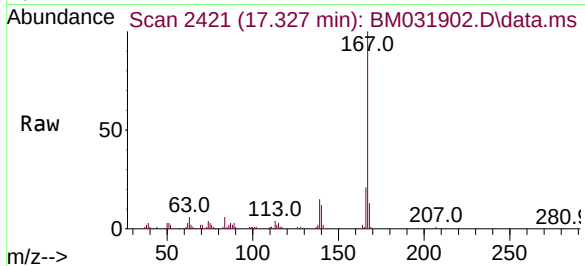




#73
Carbazole
Concen: 7.320 ng
RT: 17.327 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

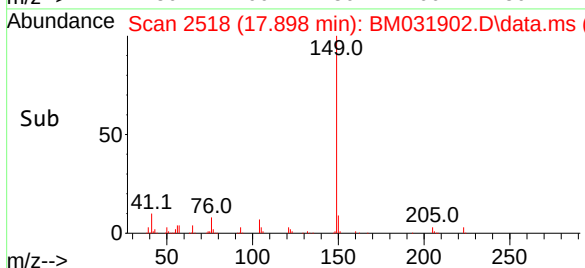
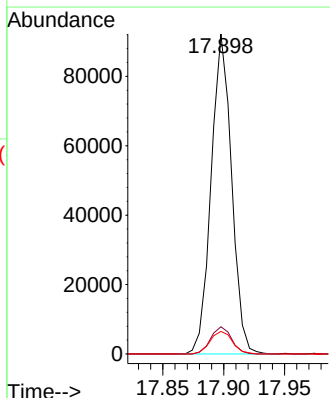
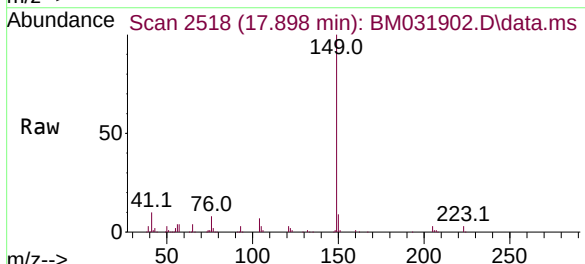
Instrument :
BNA_M
ClientSampleId :
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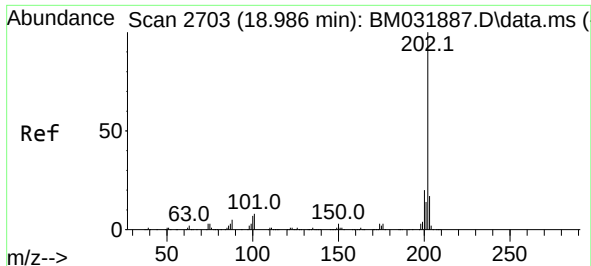
Tgt Ion:167 Resp: 86142
Ion Ratio Lower Upper
167 100
166 20.8 17.4 26.0
139 15.3 11.9 17.9



#74
Di-n-butylphthalate
Concen: 7.295 ng
RT: 17.898 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:149 Resp: 107775
Ion Ratio Lower Upper
149 100
150 8.5 7.3 10.9
104 7.1 5.6 8.4

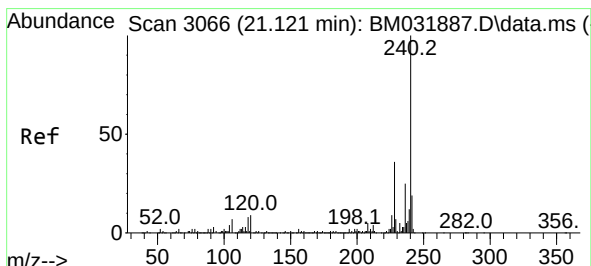
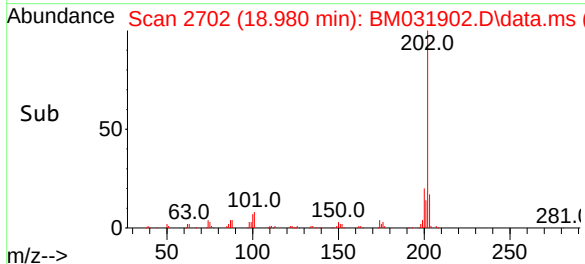
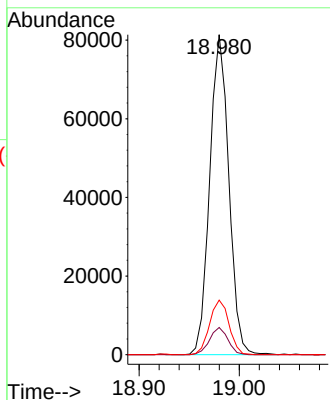
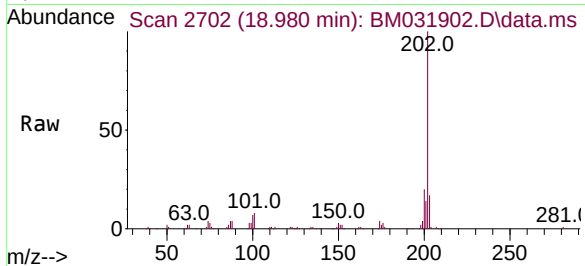




#75
Fluoranthene
Concen: 7.750 ng
RT: 18.980 min Scan# 2702
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

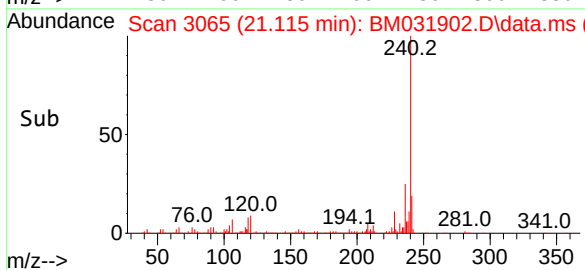
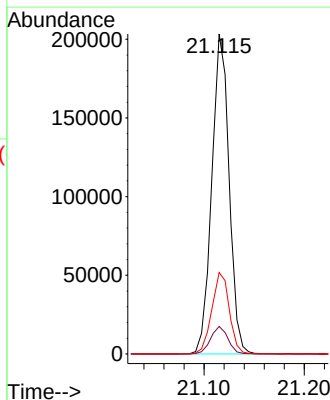
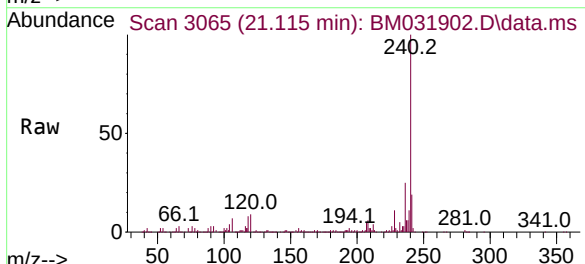
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

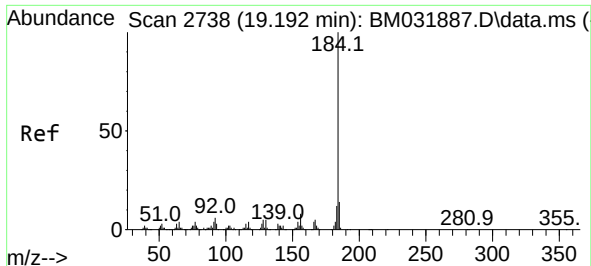
Tgt Ion:	202	Resp:	107826
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	29.9
203	17.0	0.0	36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	240	Resp:	243571
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.8	11.6
236	25.4	20.9	31.3

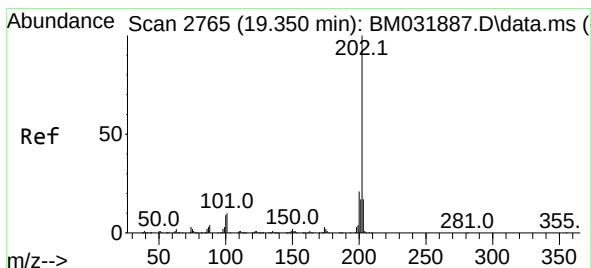
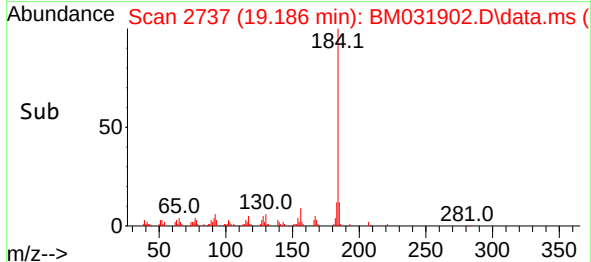
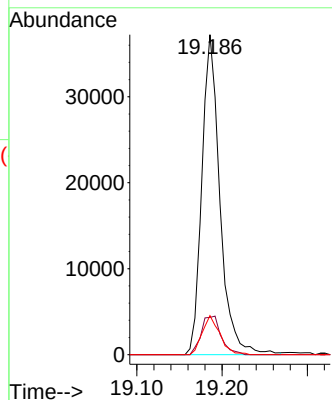
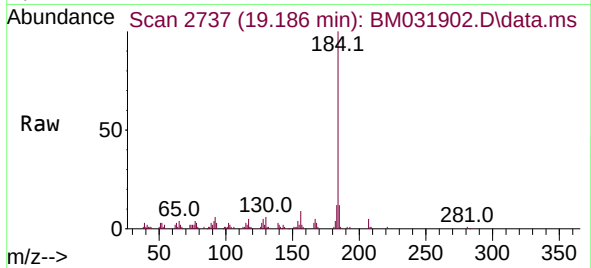




#77
Benzidine
Concen: 8.602 ng
RT: 19.186 min Scan# 2737
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

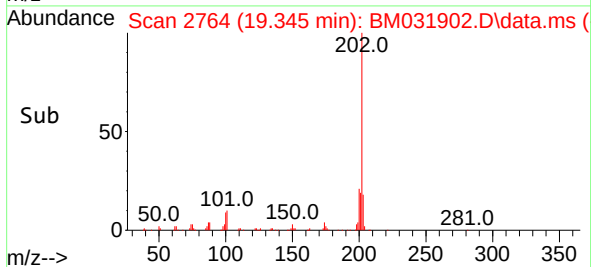
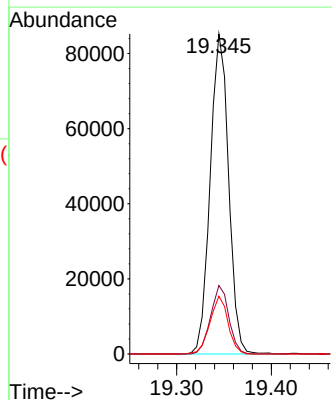
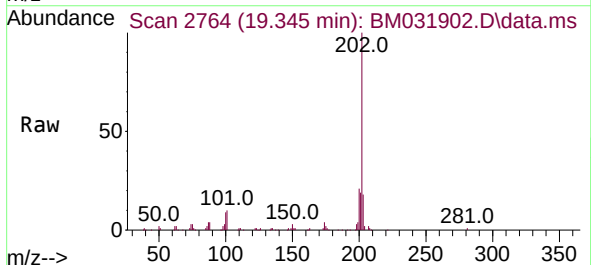
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

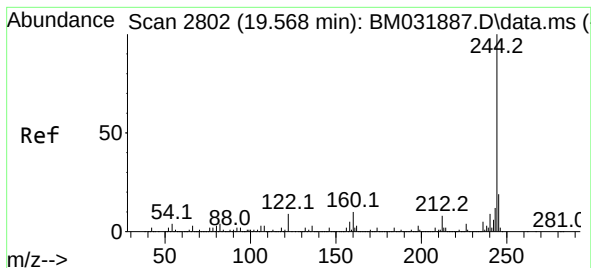
Tgt Ion:184 Resp: 54810
Ion Ratio Lower Upper
184 100
185 11.6 10.6 16.0
183 12.2 9.0 13.4



#78
Pyrene
Concen: 5.633 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:202 Resp: 114751
Ion Ratio Lower Upper
202 100
200 21.4 16.6 25.0
203 18.0 13.7 20.5

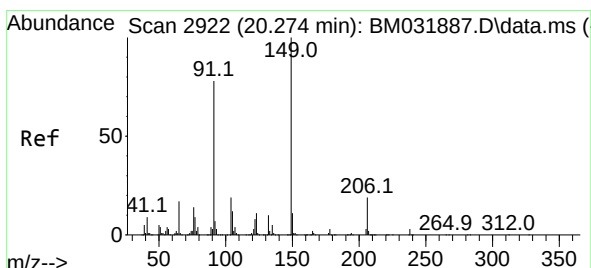
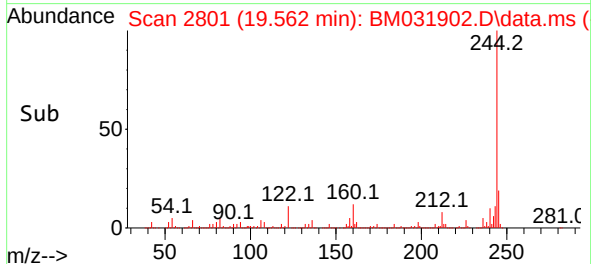
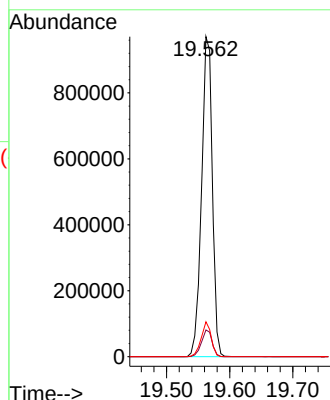
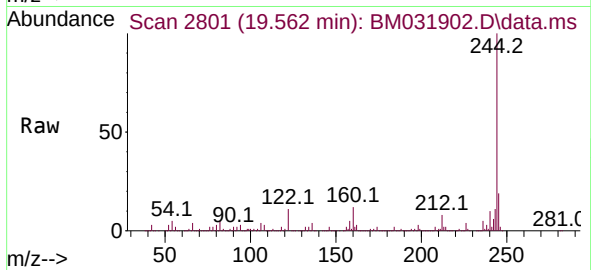




#79
 Terphenyl-d14
 Concen: 67.929 ng
 RT: 19.562 min Scan# 2801
 Delta R.T. -0.006 min
 Lab File: BM031902.D
 Acq: 25 Aug 2021 23:45

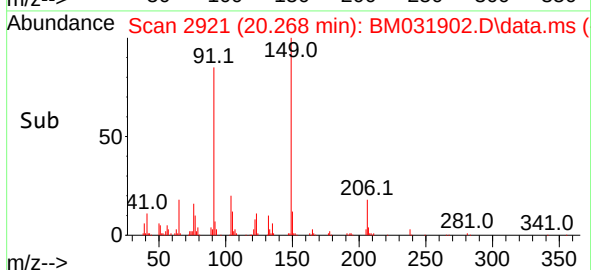
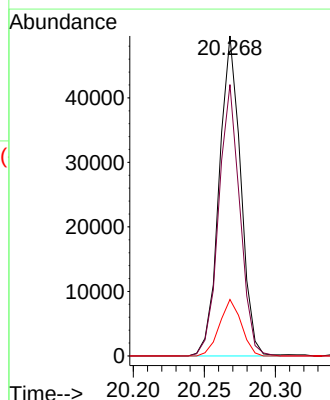
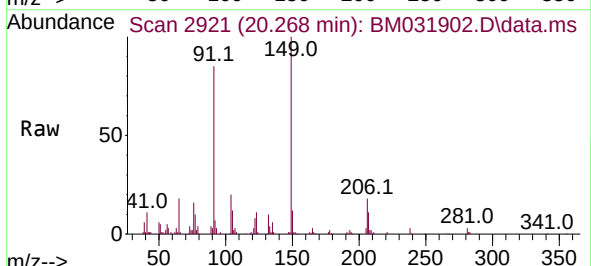
Instrument :
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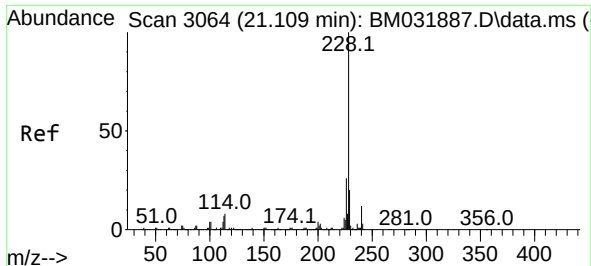
Tgt Ion:244 Resp: 1146211
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 10.9 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 5.943 ng
 RT: 20.268 min Scan# 2921
 Delta R.T. -0.006 min
 Lab File: BM031902.D
 Acq: 25 Aug 2021 23:45

Tgt Ion:149 Resp: 52067
 Ion Ratio Lower Upper
 149 100
 91 84.8 64.0 96.0
 206 17.6 14.4 21.6

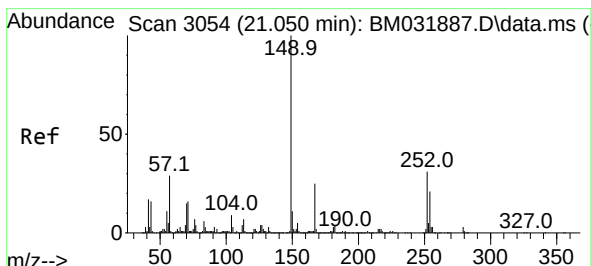
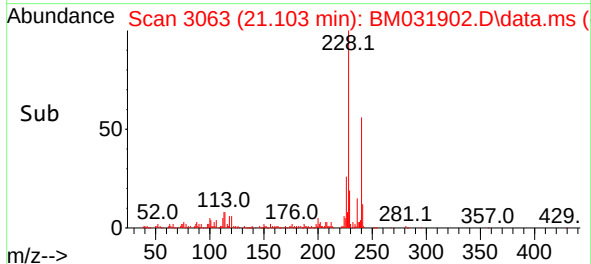
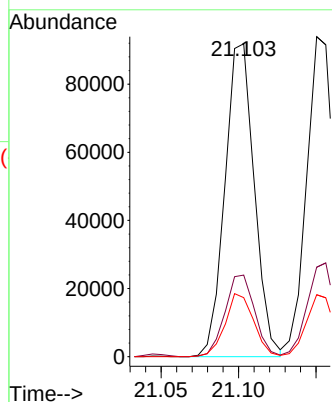
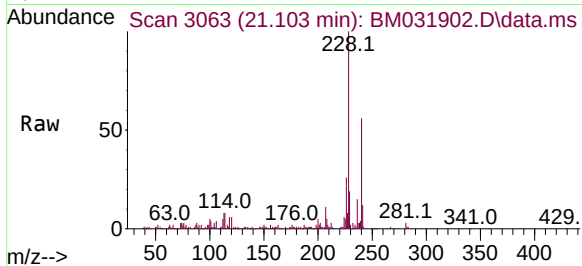




#81
Benzo(a)anthracene
Concen: 6.920 ng
RT: 21.103 min Scan# 3063
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

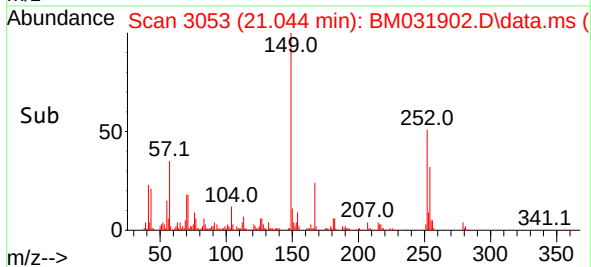
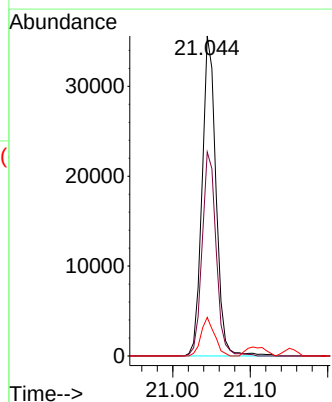
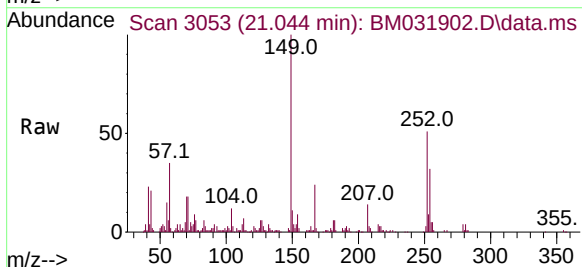
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

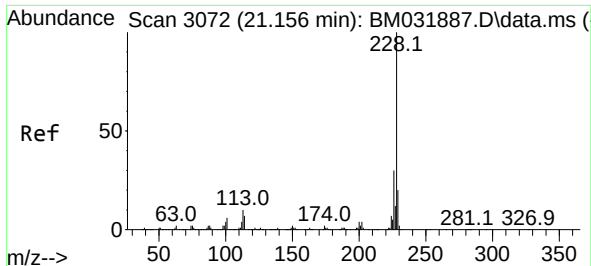
Tgt Ion:228 Resp: 121233
Ion Ratio Lower Upper
228 100
226 26.0 21.4 32.2
229 18.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 8.833 ng
RT: 21.044 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:252 Resp: 44500
Ion Ratio Lower Upper
252 100
254 63.7 51.6 77.4
126 12.1 9.7 14.5

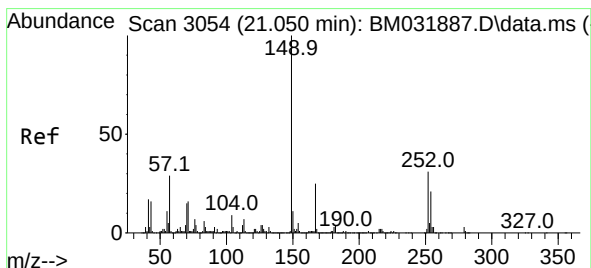
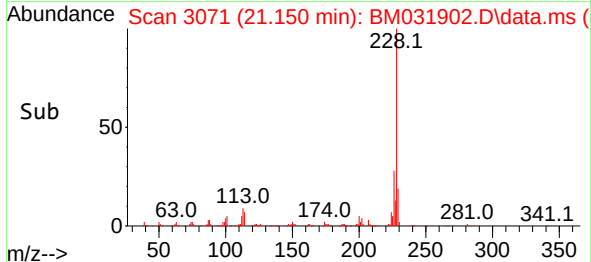
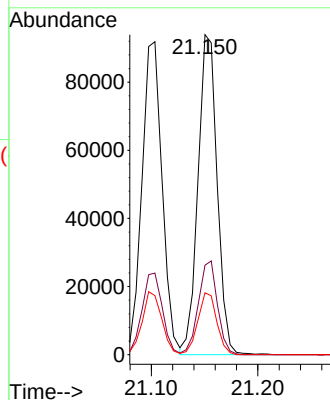
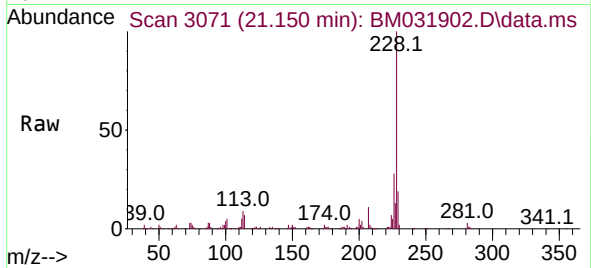




#83
Chrysene
Concen: 6.981 ng
RT: 21.150 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

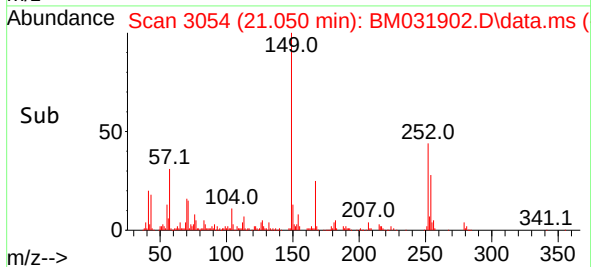
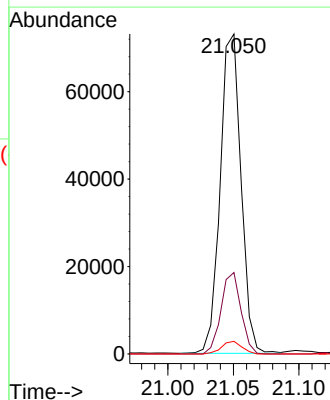
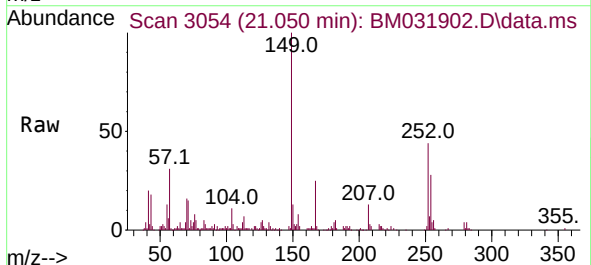
Instrument :
BNA_M
ClientSampleId :
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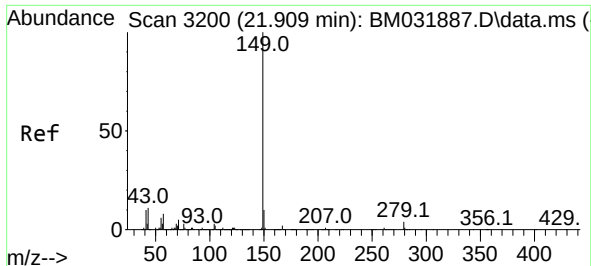
Tgt Ion:228 Resp: 117911
Ion Ratio Lower Upper
228 100
226 28.0 24.0 36.0
229 19.4 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 6.386 ng
RT: 21.050 min Scan# 3054
Delta R.T. 0.000 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:149 Resp: 80497
Ion Ratio Lower Upper
149 100
167 25.4 19.7 29.5
279 3.9 2.6 4.0

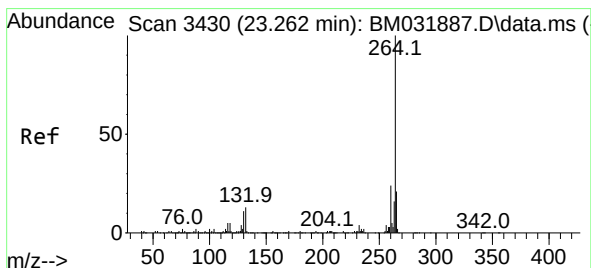
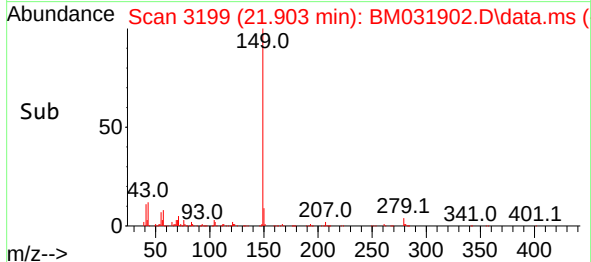
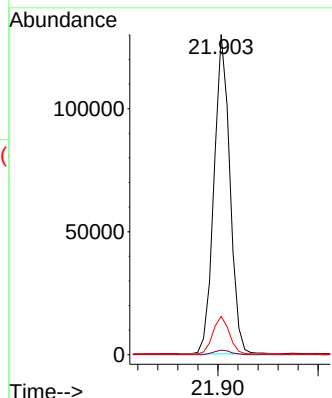
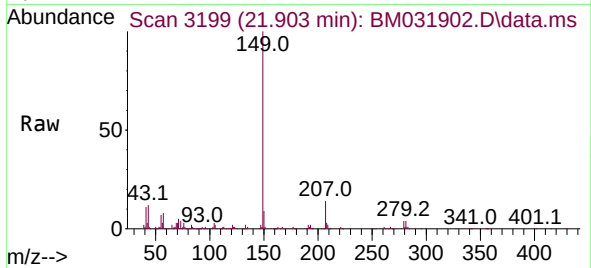




#85
Di-n-octyl phthalate
Concen: 7.526 ng
RT: 21.903 min Scan# 3199
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

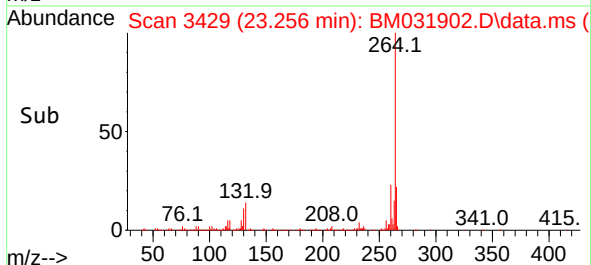
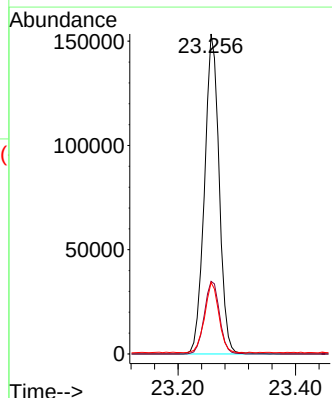
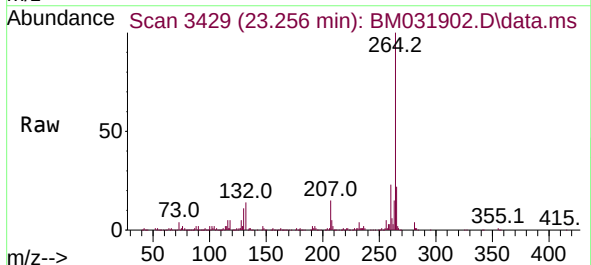
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

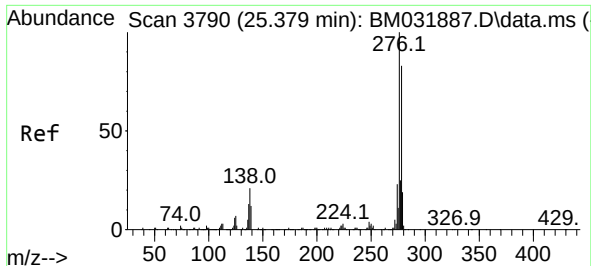
Tgt Ion:149 Resp: 142954
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.2 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.256 min Scan# 3429
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:264 Resp: 266242
Ion Ratio Lower Upper
264 100
260 22.7 19.3 28.9
265 22.3 18.3 27.5

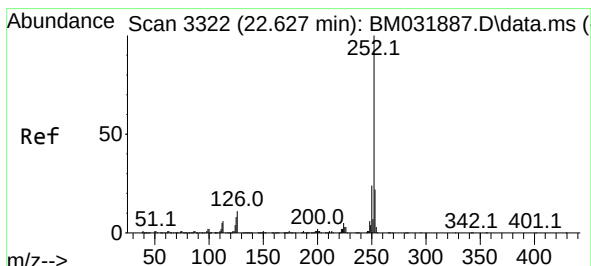
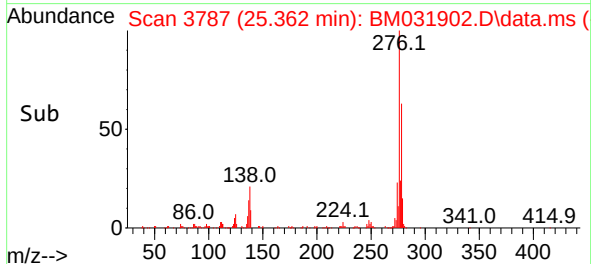
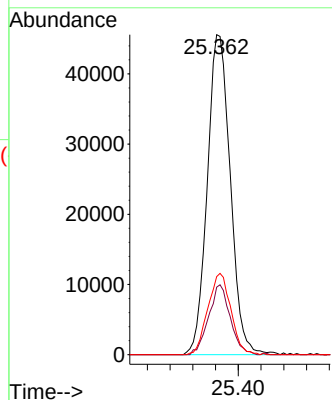
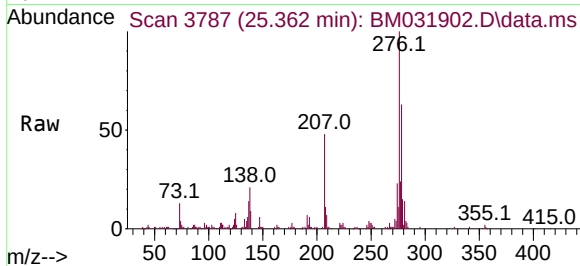




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 6.953 ng
 RT: 25.362 min Scan# 3787
 Delta R.T. -0.018 min
 Lab File: BM031902.D
 Acq: 25 Aug 2021 23:45

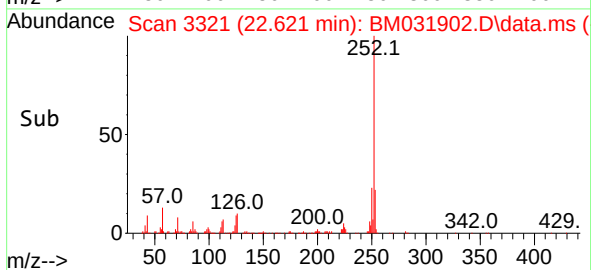
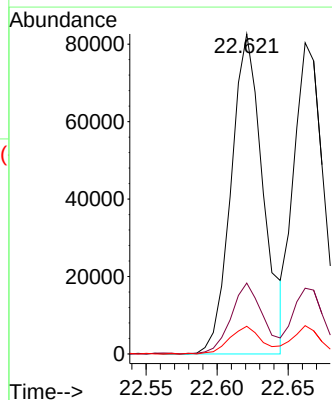
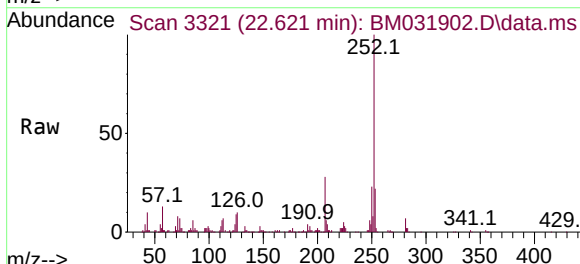
Instrument :
 BNA_M
 ClientSampleId :
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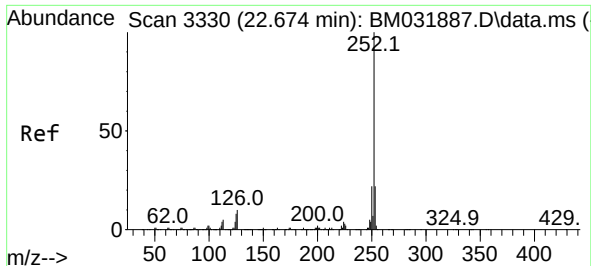
Tgt Ion:276 Resp: 128092
 Ion Ratio Lower Upper
 276 100
 138 20.5 18.4 27.6
 277 25.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 6.429 ng
 RT: 22.621 min Scan# 3321
 Delta R.T. -0.006 min
 Lab File: BM031902.D
 Acq: 25 Aug 2021 23:45

Tgt Ion:252 Resp: 129587
 Ion Ratio Lower Upper
 252 100
 253 22.1 18.0 27.0
 125 8.7 7.5 11.3

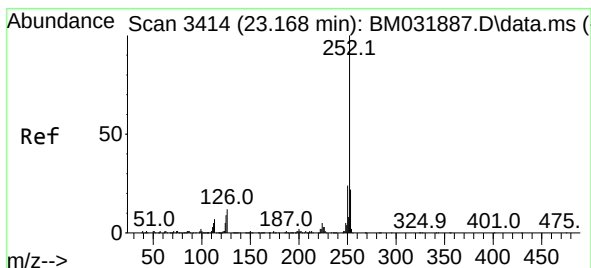
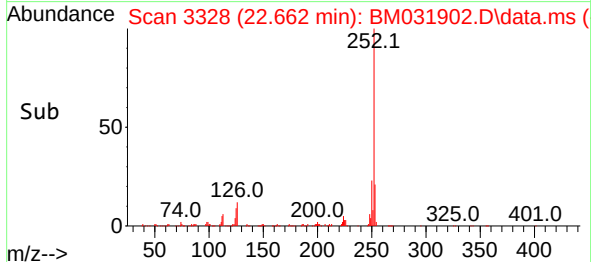
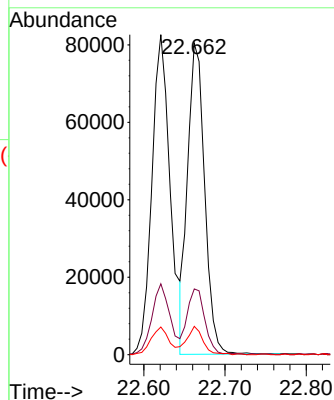
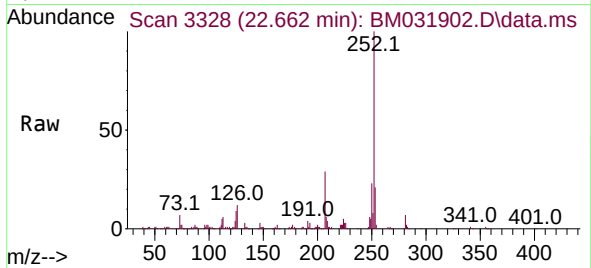




#89
Benzo(k)fluoranthene
Concen: 6.132 ng
RT: 22.662 min Scan# 3328
Delta R.T. -0.012 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

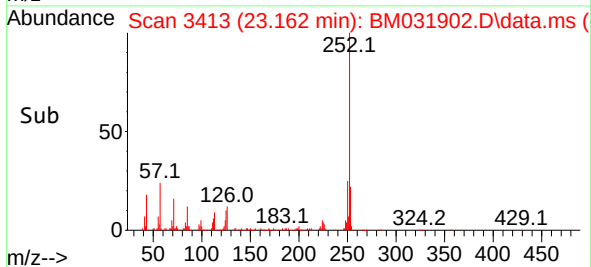
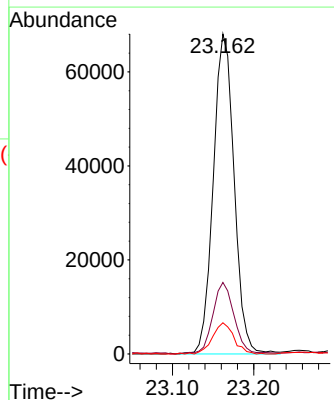
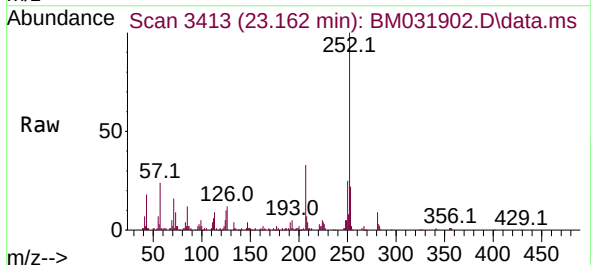
Instrument :
BNA_M
ClientSampleId :
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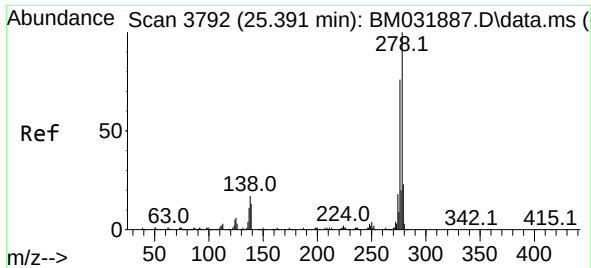
Tgt Ion:252 Resp: 117176
Ion Ratio Lower Upper
252 100
253 21.1 17.3 25.9
125 9.1 7.5 11.3



#90
Benzo(a)pyrene
Concen: 6.979 ng
RT: 23.162 min Scan# 3413
Delta R.T. -0.006 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:252 Resp: 121843
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 9.8 8.1 12.1

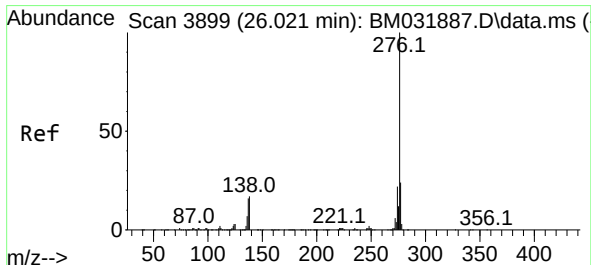
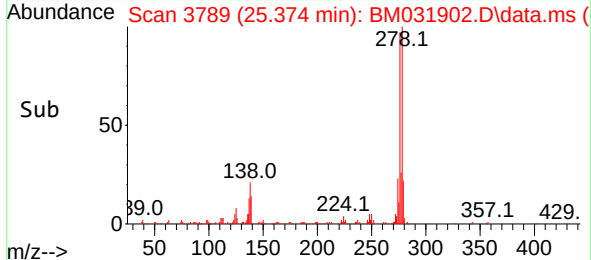
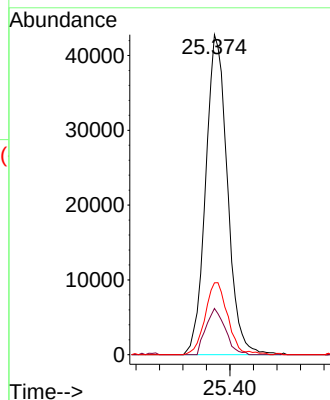
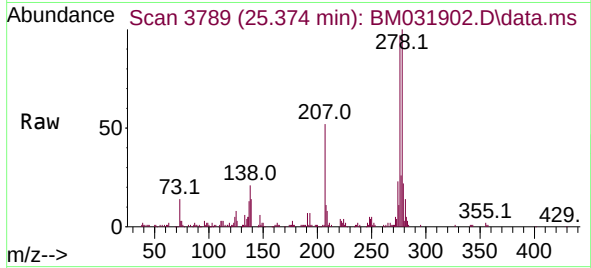




#91
Dibenzo(a,h)anthracene
Concen: 6.891 ng
RT: 25.374 min Scan# 3789
Delta R.T. -0.018 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

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

Tgt Ion:	278	Resp:	109953
Ion Ratio	Lower	Upper	
278	100		
139	14.4	10.9	16.3
279	22.5	18.2	27.2



#92
Benzo(g,h,i)perylene
Concen: 7.057 ng
RT: 26.009 min Scan# 3897
Delta R.T. -0.012 min
Lab File: BM031902.D
Acq: 25 Aug 2021 23:45

Tgt Ion:	276	Resp:	106467
Ion Ratio	Lower	Upper	
276	100		
277	24.7	19.4	29.0
138	18.6	14.6	22.0

