

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031043.D
 Acq On : 21 Jul 2021 13:50
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL 8ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 21 14:28:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:41:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	70541	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	305468	20.000	ng	0.00
39) Acenaphthene-d10	14.268	164	238819	20.000	ng	0.00
64) Phenanthrene-d10	17.015	188	608294	20.000	ng	0.00
76) Chrysene-d12	21.203	240	798297	20.000	ng	0.00
86) Perylene-d12	23.380	264	843079	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	499352	127.116	ng	0.00
7) Phenol-d6	6.822	99	725612	127.420	ng	0.00
23) Nitrobenzene-d5	8.786	82	543826	89.388	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	416086	133.422	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1325542	82.815	ng	0.00
79) Terphenyl-d14	19.656	244	3266713	80.964	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	13590	8.609	ng	97
3) Pyridine	3.628	79	31424	7.037	ng	# 94
4) n-Nitrosodimethylamine	3.546	42	20843	8.212	ng	# 84
6) Aniline	6.975	93	53202	8.702	ng	97
8) 2-Chlorophenol	7.204	128	35922	7.769	ng	96
9) Benzaldehyde	6.792	77	35398	10.432	ng	95
10) Phenol	6.845	94	43196	7.829	ng	91
11) bis(2-Chloroethyl)ether	7.081	93	31953	7.823	ng	96
12) 1,3-Dichlorobenzene	7.528	146	38077	7.573	ng	# 94
13) 1,4-Dichlorobenzene	7.669	146	38670	7.557	ng	94
14) 1,2-Dichlorobenzene	7.981	146	38080	7.619	ng	98
15) Benzyl Alcohol	7.875	79	38140	7.956	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.163	45	42161	8.251	ng	98
17) 2-Methylphenol	8.075	107	29604	7.670	ng	# 83
18) Hexachloroethane	8.698	117	16029	8.116	ng	92
19) n-Nitroso-di-n-propyla...	8.439	70	30623	7.614	ng	98
20) 3+4-Methylphenols	8.398	107	41066	7.524	ng	96
22) Acetophenone	8.451	105	61589	8.145	ng	# 91
24) Nitrobenzene	8.828	77	50415	8.206	ng	97
25) Isophorone	9.345	82	79500	7.308	ng	97
26) 2-Nitrophenol	9.528	139	18933	7.319	ng	# 86
27) 2,4-Dimethylphenol	9.592	122	36277	8.901	ng	92
28) bis(2-Chloroethoxy)met...	9.833	93	45901	8.368	ng	95
29) 2,4-Dichlorophenol	10.051	162	35953	7.458	ng	95
30) 1,2,4-Trichlorobenzene	10.269	180	40341	7.621	ng	94
31) Naphthalene	10.451	128	123990	7.889	ng	98
32) Benzoic acid	9.669	122	17319	4.987	ng	87
33) 4-Chloroaniline	10.569	127	52786	7.785	ng	# 93
34) Hexachlorobutadiene	10.733	225	26728	7.863	ng	93
35) Caprolactam	11.339	113	12970	8.003	ng	94
36) 4-Chloro-3-methylphenol	11.692	107	41358	7.518	ng	96
37) 2-Methylnaphthalene	12.069	142	95745	7.903	ng	# 94
38) 1-Methylnaphthalene	12.069	142	95745	8.300	ng	95
40) 1,2,4,5-Tetrachloroben...	12.439	216	51473	7.736	ng	# 98
41) Hexachlorocyclopentadiene	12.421	237	31487	8.507	ng	97
43) 2,4,6-Trichlorophenol	12.686	196	31846	6.813	ng	99

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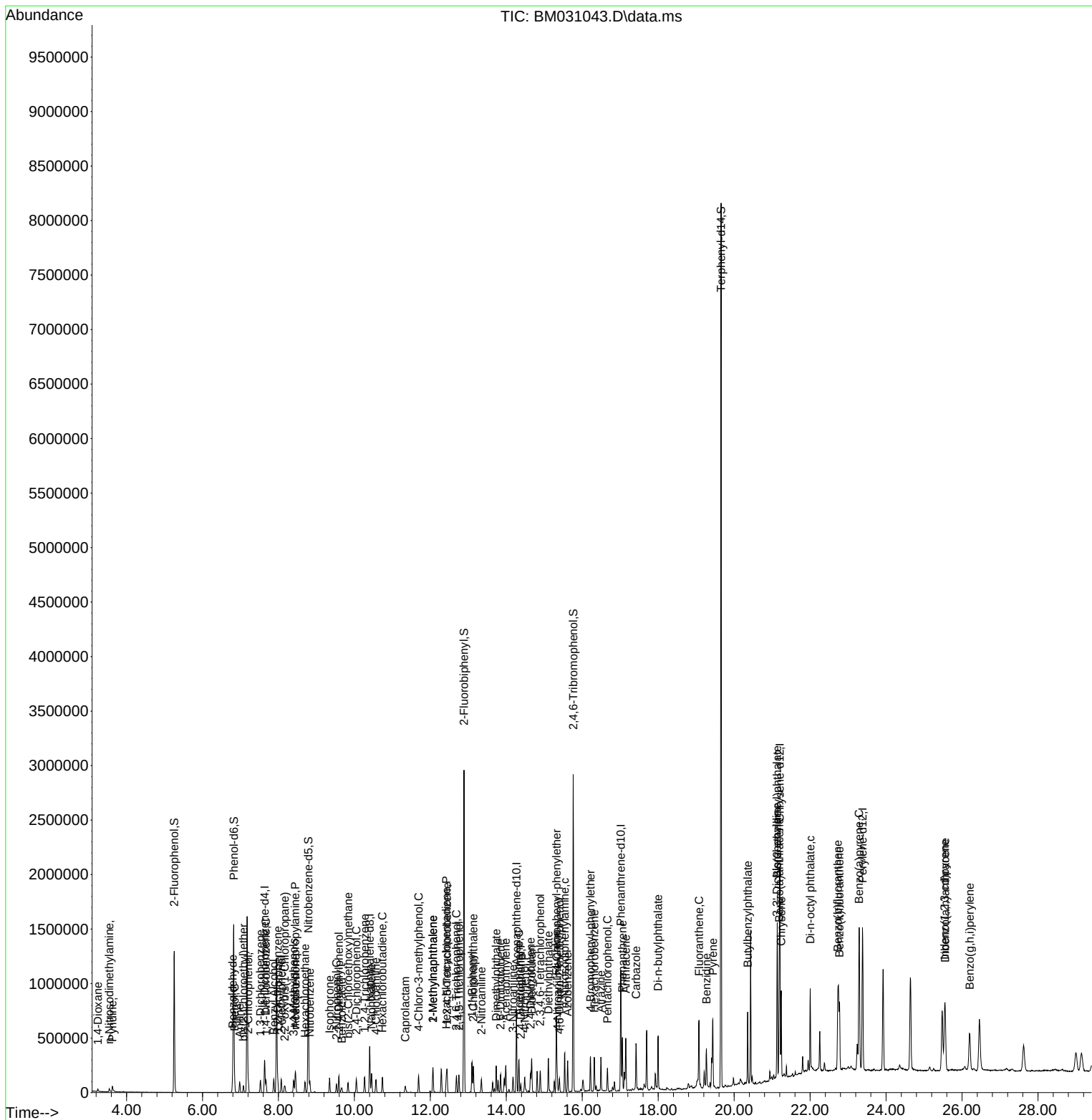
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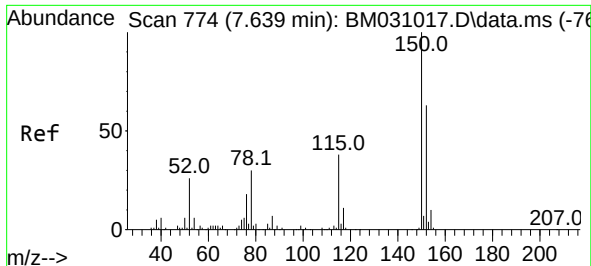
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	35870	6.931	ng	# 91
46) 1,1'-Biphenyl	13.098	154	133644	7.892	ng	99
47) 2-Chloronaphthalene	13.133	162	101689	7.667	ng	# 92
48) 2-Nitroaniline	13.345	65	28803	6.815	ng	92
49) Acenaphthylene	13.986	152	161923	7.638	ng	100
50) Dimethylphthalate	13.733	163	134177	7.491	ng	100
51) 2,6-Dinitrotoluene	13.851	165	26534	6.613	ng	# 71
52) Acenaphthene	14.333	154	102058	7.650	ng	97
53) 3-Nitroaniline	14.174	138	27833	6.866	ng	97
54) 2,4-Dinitrophenol	14.380	184	14319	6.051	ng	90
55) Dibenzofuran	14.668	168	172780	7.897	ng	92
56) 4-Nitrophenol	14.486	139	24721	6.896	ng	# 75
57) 2,4-Dinitrotoluene	14.639	165	38081	6.816	ng	# 78
58) Fluorene	15.315	166	148582	8.050	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	34315	7.116	ng	# 92
60) Diethylphthalate	15.110	149	158876	8.273	ng	99
61) 4-Chlorophenyl-phenyle...	15.321	204	75307	8.239	ng	# 85
62) 4-Nitroaniline	15.345	138	31880	7.129	ng	89
63) Azobenzene	15.615	77	147634	7.724	ng	93
65) 4,6-Dinitro-2-methylph...	15.398	198	21459	5.625	ng	82
66) n-Nitrosodiphenylamine	15.539	169	122001	6.823	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	48383	7.687	ng	93
68) Hexachlorobenzene	16.315	284	54178	7.639	ng	# 89
69) Atrazine	16.492	200	50347	7.670	ng	100
70) Pentachlorophenol	16.662	266	30673	6.615	ng	94
71) Phenanthrene	17.056	178	265075	7.869	ng	99
72) Anthracene	17.145	178	268799	8.092	ng	99
73) Carbazole	17.415	167	235541	7.163	ng	98
74) Di-n-butylphthalate	17.998	149	333651	8.638	ng	99
75) Fluoranthene	19.074	202	335046	7.948	ng	99
77) Benzidine	19.268	184	165142	8.379	ng	100
78) Pyrene	19.439	202	352871	7.079	ng	98
80) Butylbenzylphthalate	20.356	149	160605	7.545	ng	94
81) Benzo(a)anthracene	21.186	228	383959	7.257	ng	99
82) 3,3'-Dichlorobenzidine	21.127	252	140180	9.666	ng	99
83) Chrysene	21.239	228	359877	7.002	ng	99
84) Bis(2-ethylhexyl)phtha...	21.133	149	321300	9.743	ng	# 94
85) Di-n-octyl phthalate	22.003	149	440996	7.810	ng	96
87) Indeno(1,2,3-cd)pyrene	25.544	276	428640	7.115	ng	99
88) Benzo(b)fluoranthene	22.727	252	406284	7.273	ng	98
89) Benzo(k)fluoranthene	22.774	252	381651	7.305	ng	99
90) Benzo(a)pyrene	23.285	252	395446	7.863	ng	98
91) Dibenzo(a,h)anthracene	25.556	278	366031	7.019	ng	99
92) Benzo(g,h,i)perylene	26.203	276	359829	7.242	ng	98

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

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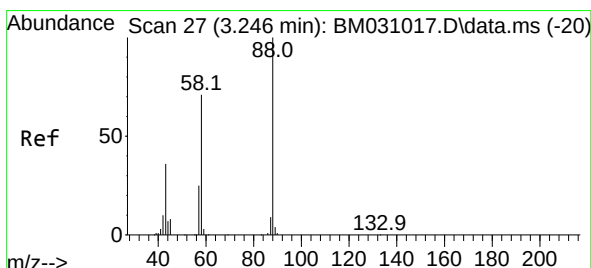
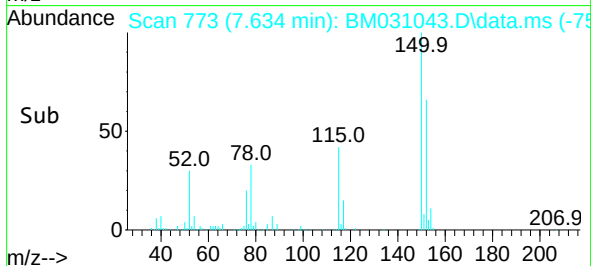
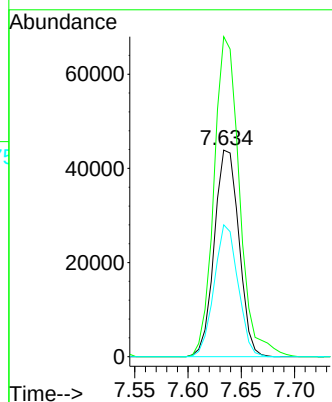
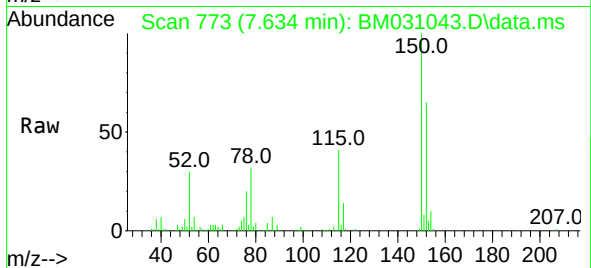




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.005 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

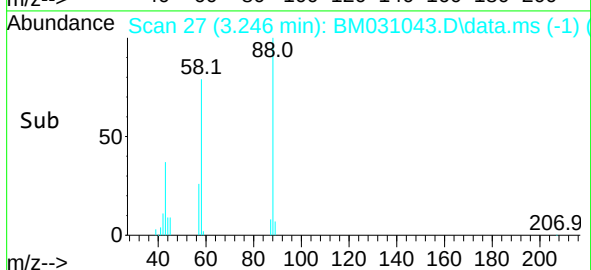
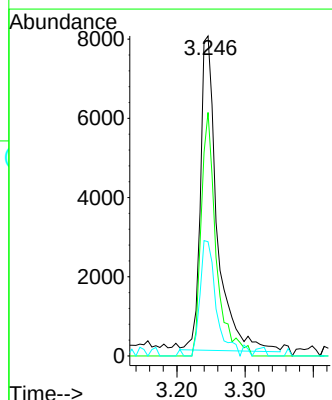
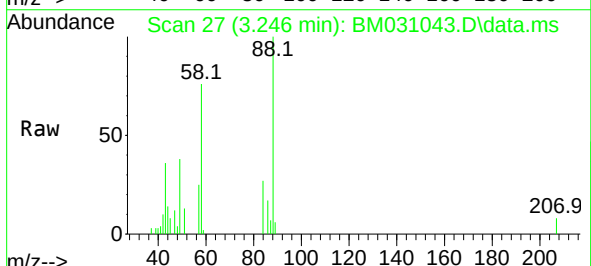
Instrument :
BNA_M
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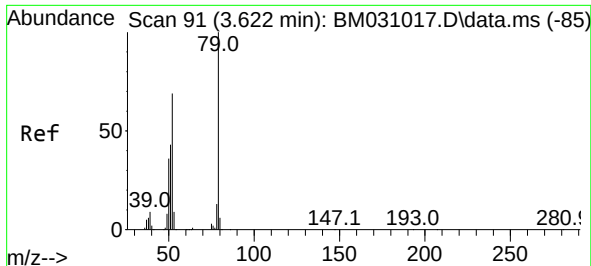
Tgt Ion:152 Resp: 70541
Ion Ratio Lower Upper
152 100
150 154.9 125.9 188.9
115 63.8 44.6 67.0



#2
1,4-Dioxane
Concen: 8.609 ng
RT: 3.246 min Scan# 27
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 88 Resp: 13590
Ion Ratio Lower Upper
88 100
58 69.0 53.6 80.4
43 35.0 25.8 38.6

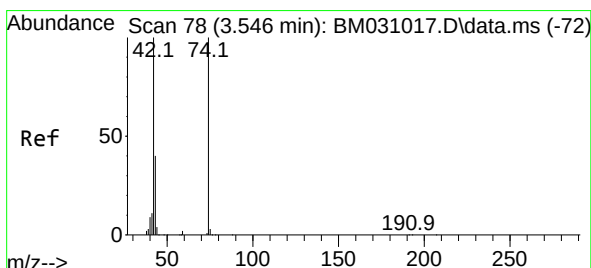
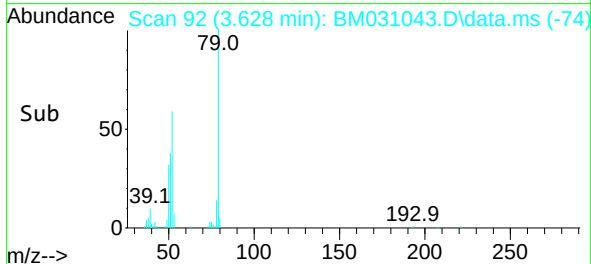
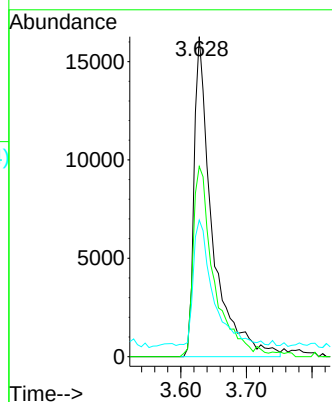
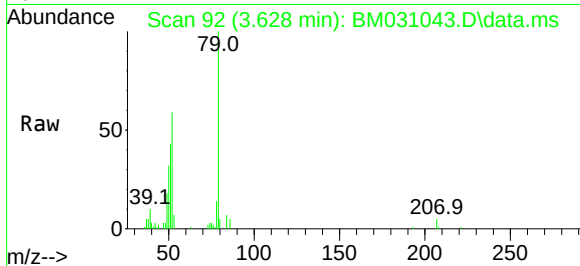




#3
 Pyridine
 Concen: 7.037 ng
 RT: 3.628 min Scan# 92
 Delta R.T. 0.006 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

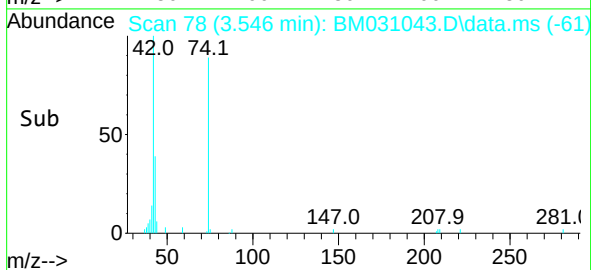
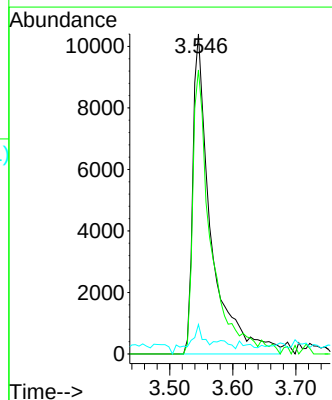
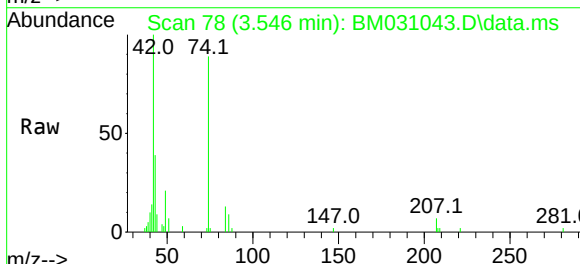
Instrument :
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 ClientSampleId :
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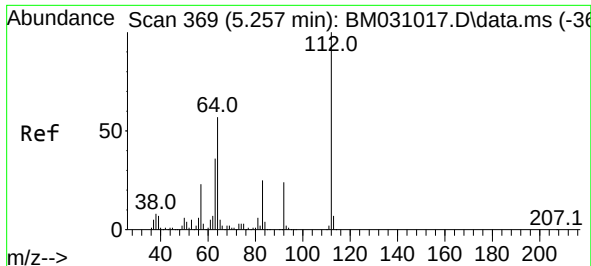
Tgt Ion: 79 Resp: 31424
 Ion Ratio Lower Upper
 79 100
 52 59.4 48.2 72.2
 51 42.7 27.9 41.9#



#4
 n-Nitrosodimethylamine
 Concen: 8.212 ng
 RT: 3.546 min Scan# 78
 Delta R.T. -0.000 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Tgt Ion: 42 Resp: 20843
 Ion Ratio Lower Upper
 42 100
 74 88.7 84.1 126.1
 44 9.2 4.5 6.7#

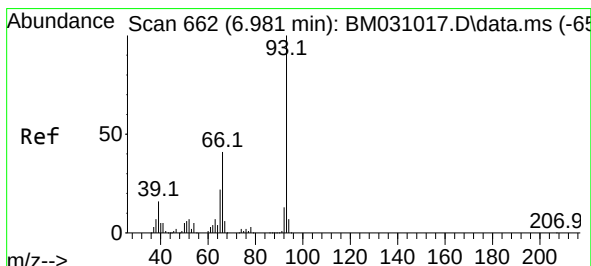
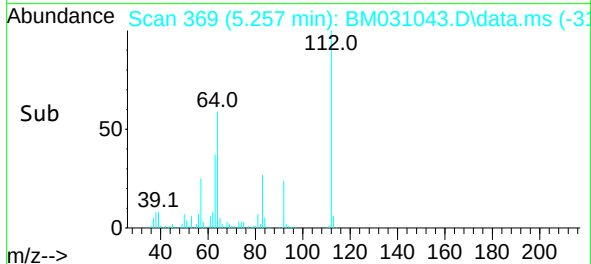
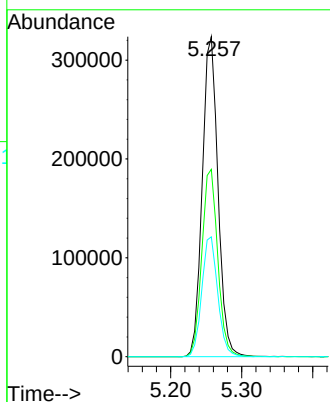
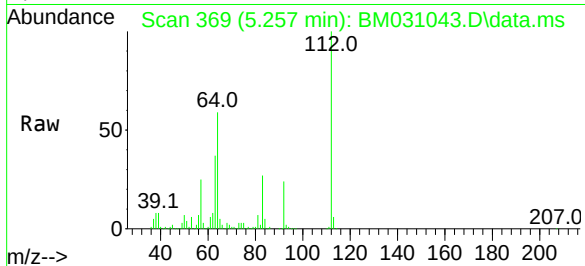




#5
2-Fluorophenol
Concen: 127.116 ng
RT: 5.257 min Scan# 369
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

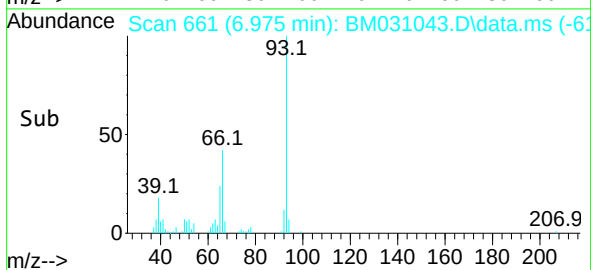
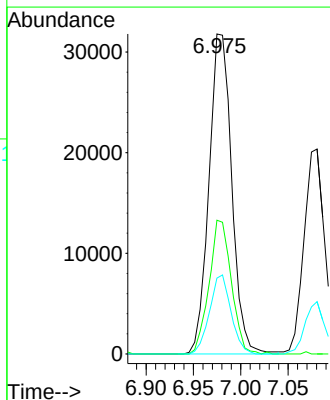
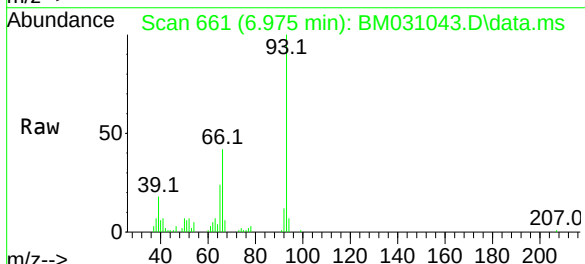
Instrument :
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ClientSampleId :
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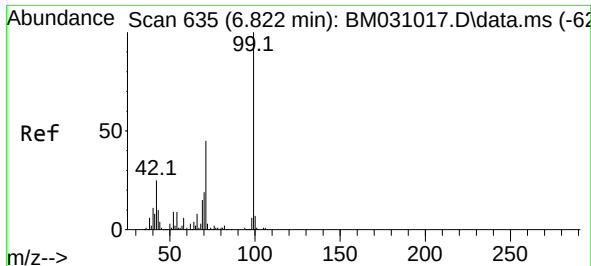
Tgt Ion:	112	Resp:	499352
Ion Ratio	Lower	Upper	
112	100		
64	58.5	47.1	70.7
63	37.5	27.3	40.9



#6
Aniline
Concen: 8.702 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	93	Resp:	53202
Ion Ratio	Lower	Upper	
93	100		
66	41.8	32.7	49.1
65	23.7	16.8	25.2

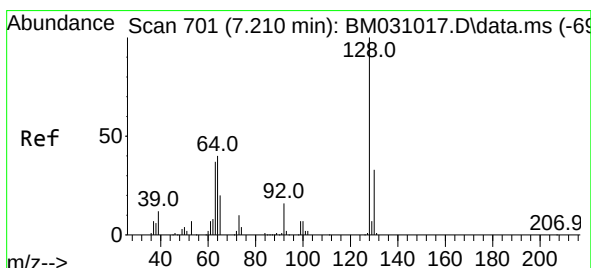
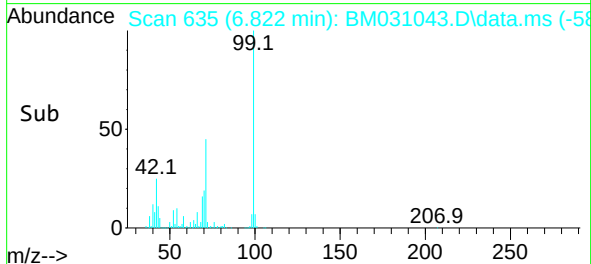
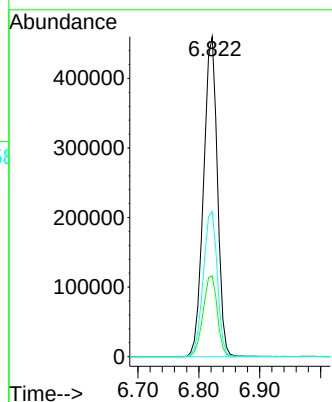
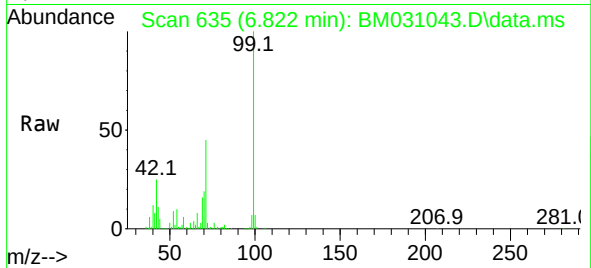




#7
Phenol-d6
Concen: 127.420 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

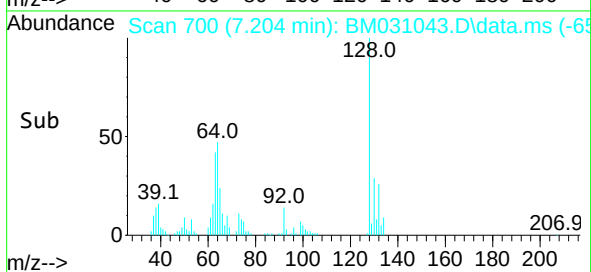
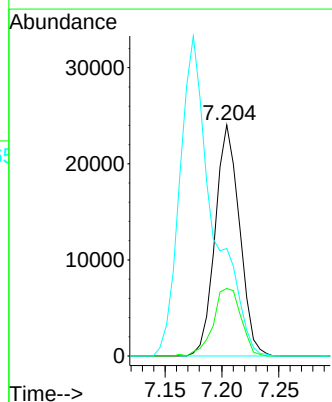
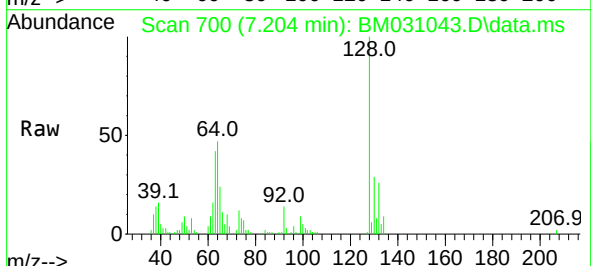
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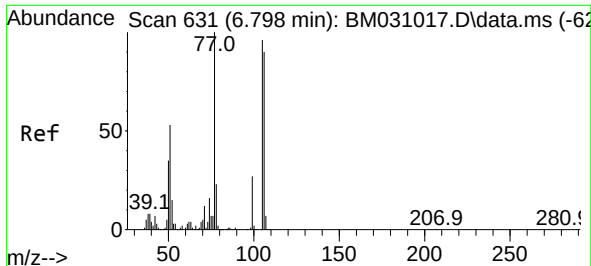
Tgt Ion:	99	Resp:	725612
Ion	Ratio	Lower	Upper
99	100		
42	25.3	18.0	27.0
71	45.3	30.9	46.3



#8
2-Chlorophenol
Concen: 7.769 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	128	Resp:	35922
Ion	Ratio	Lower	Upper
128	100		
130	29.2	13.5	53.5
64	46.5	25.7	65.7

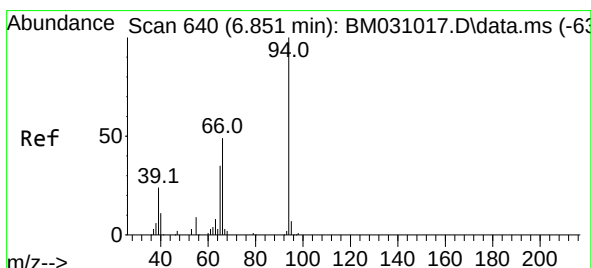
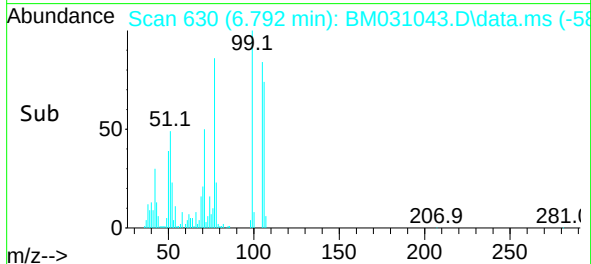
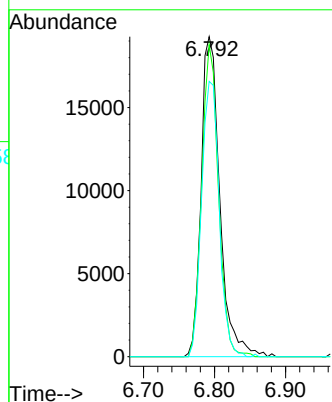
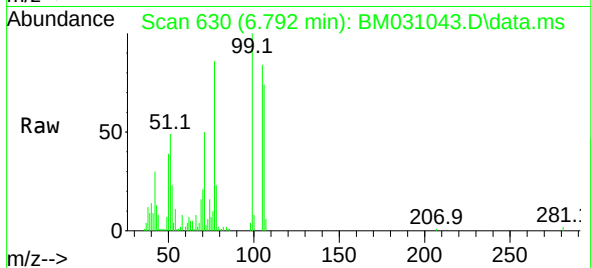




#9
Benzaldehyde
Concen: 10.432 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

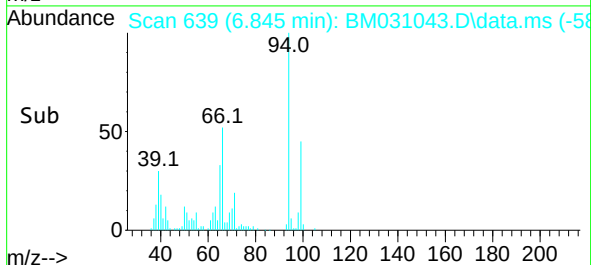
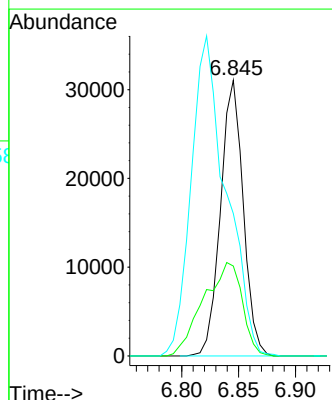
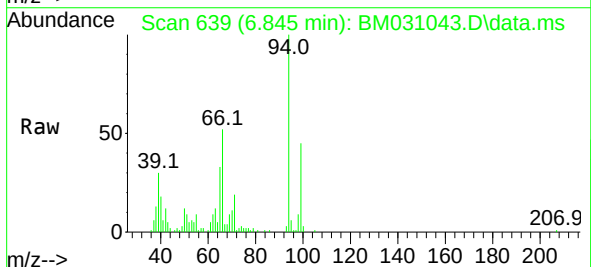
Instrument :
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ClientSampleId :
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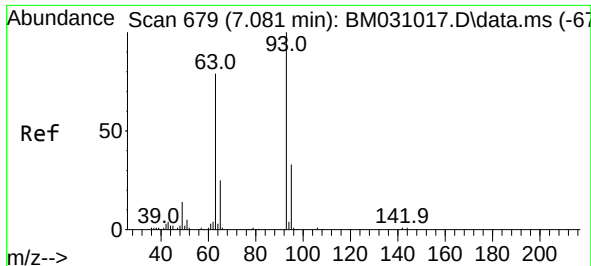
Tgt Ion: 77 Resp: 35398
Ion Ratio Lower Upper
77 100
105 97.5 71.2 111.2
106 86.0 68.6 108.6



#10
Phenol
Concen: 7.829 ng
RT: 6.845 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

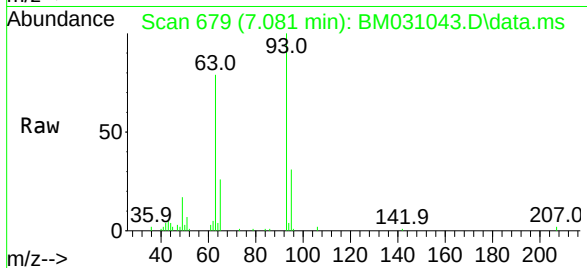
Tgt Ion: 94 Resp: 43196
Ion Ratio Lower Upper
94 100
65 32.6 11.9 51.9
66 51.6 22.6 62.6



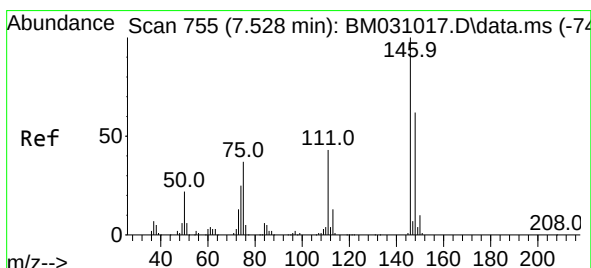
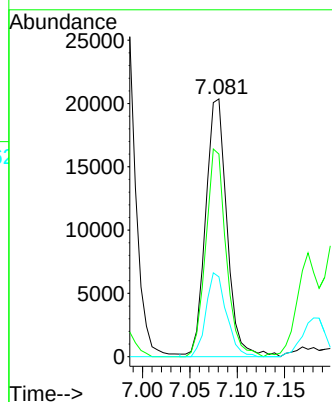
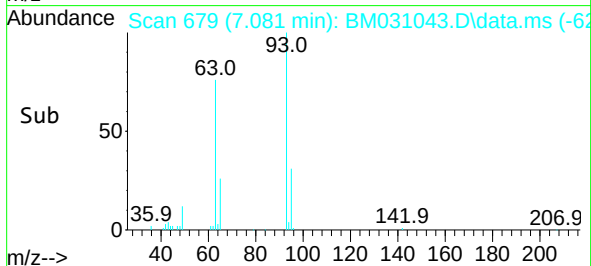


#11
bis(2-Chloroethyl)ether
Concen: 7.823 ng
RT: 7.081 min Scan# 679
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

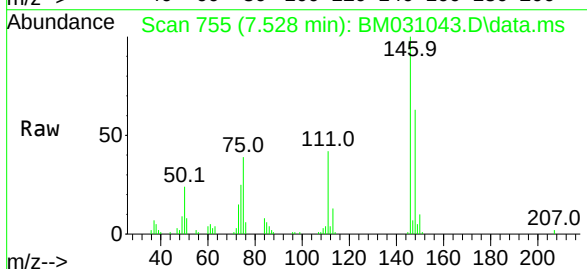
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



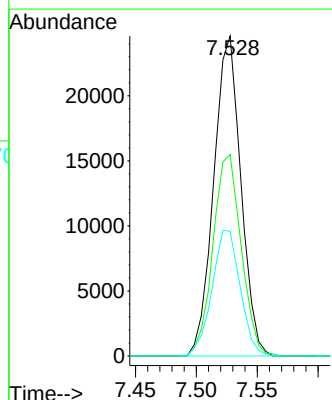
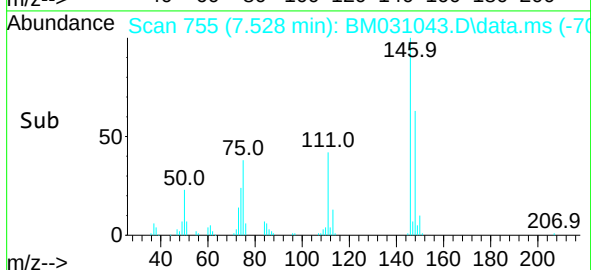
Tgt Ion:	93	Resp:	31953
Ion	Ratio	Lower	Upper
93	100		
63	78.6	54.3	94.3
95	31.0	12.7	52.7

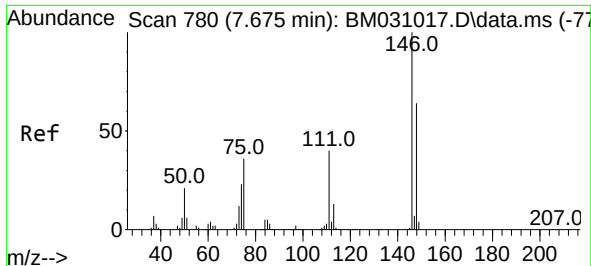


#12
1,3-Dichlorobenzene
Concen: 7.573 ng
RT: 7.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion:	146	Resp:	38077
Ion	Ratio	Lower	Upper
146	100		
148	63.0	52.2	78.4
75	39.0	25.8	38.8#

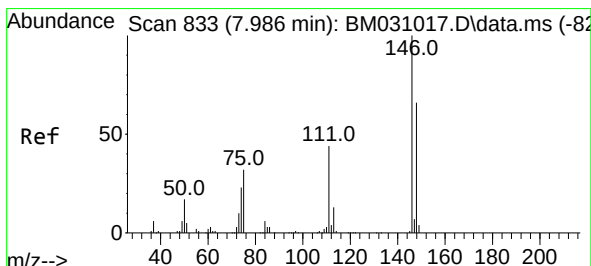
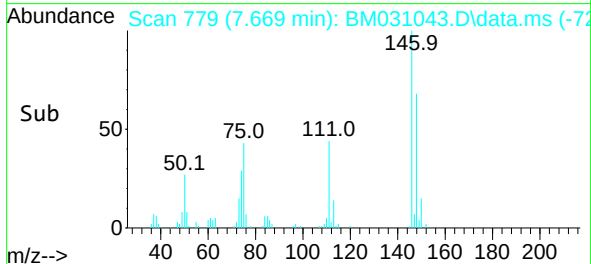
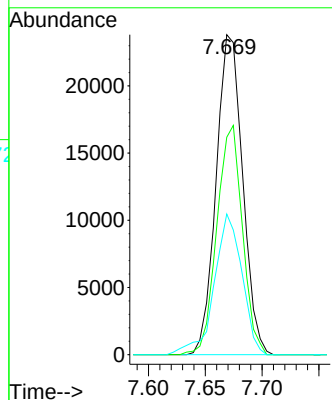
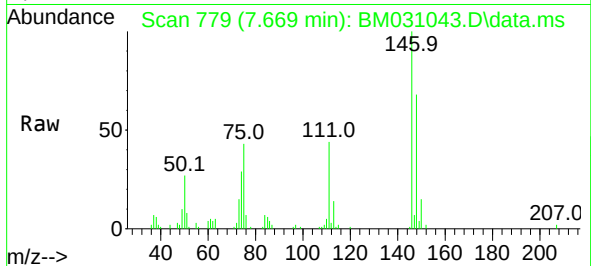




#13
1,4-Dichlorobenzene
Concen: 7.557 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

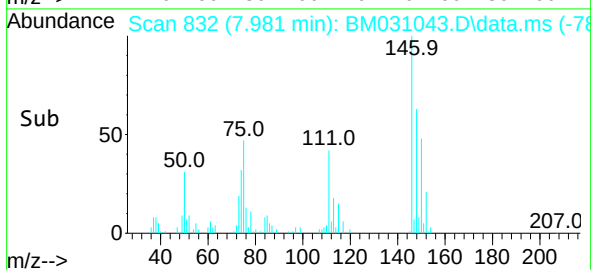
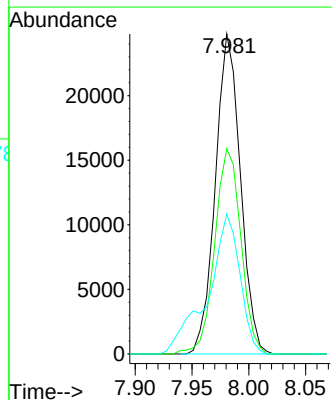
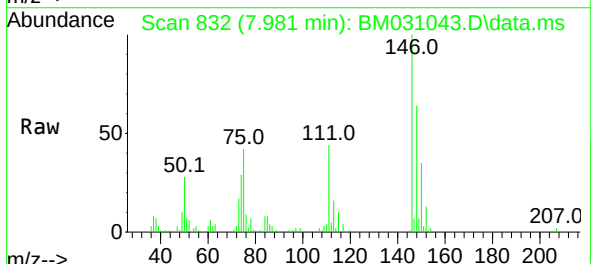
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

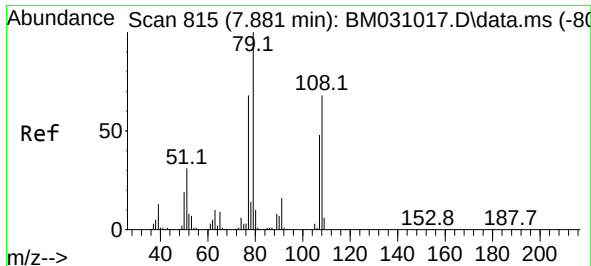
Tgt Ion:146 Resp: 38670
Ion Ratio Lower Upper
146 100
148 67.9 51.8 77.8
111 44.0 31.0 46.6



#14
1,2-Dichlorobenzene
Concen: 7.619 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:146 Resp: 38080
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 43.8 32.6 49.0





#15

Benzyl Alcohol

Concen: 7.956 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

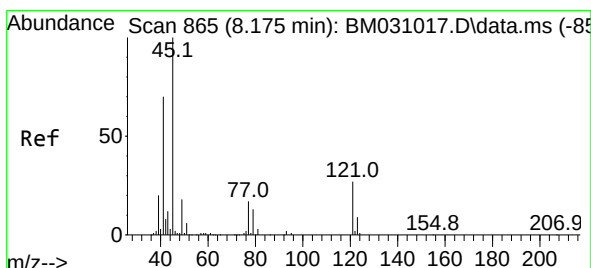
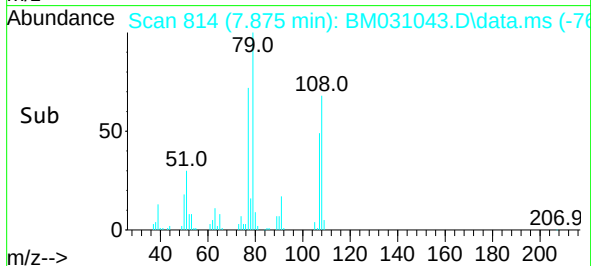
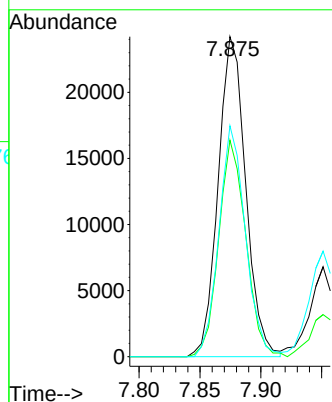
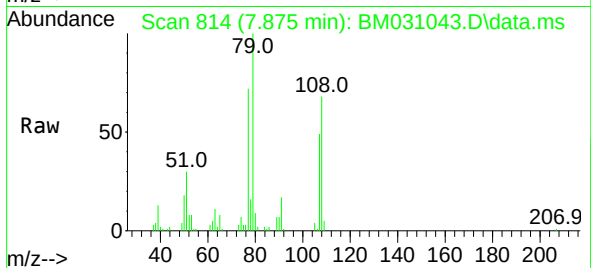
Tgt Ion:	79	Resp:	38140
Ion	Ratio	Lower	Upper
79	100		
108	67.7	57.0	85.4
77	72.2	54.6	81.8

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.251 ng

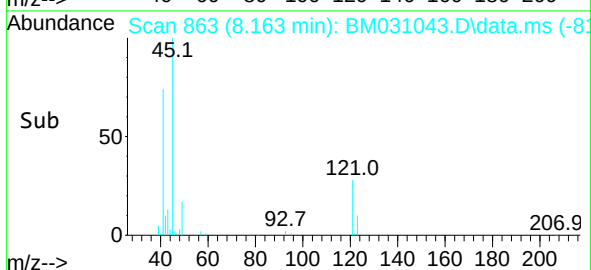
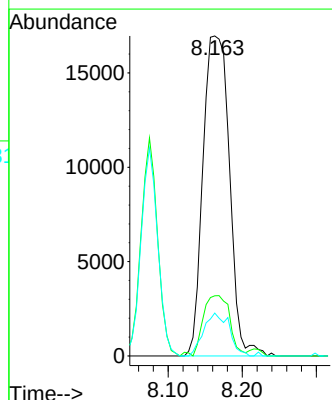
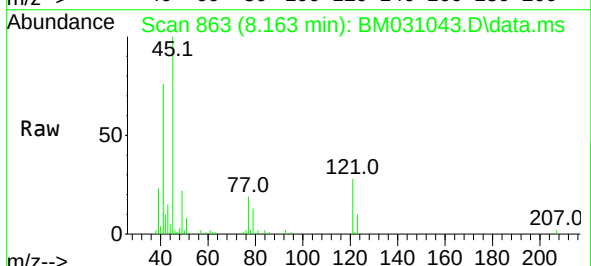
RT: 8.163 min Scan# 863

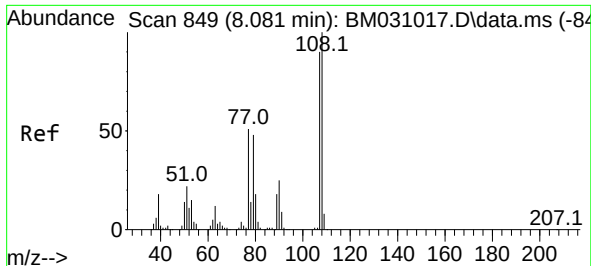
Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

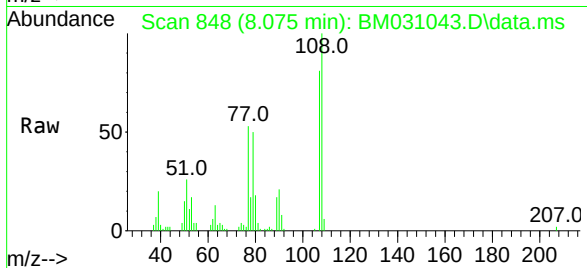
Tgt Ion:	45	Resp:	42161
Ion	Ratio	Lower	Upper
45	100		
77	18.8	0.0	38.0
79	13.4	0.0	34.1



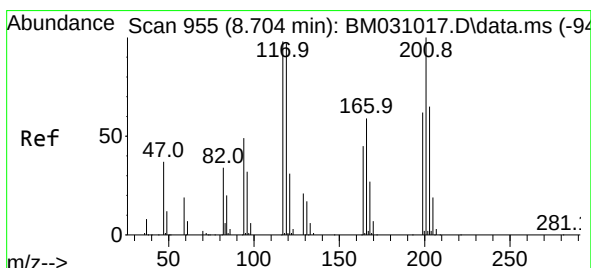
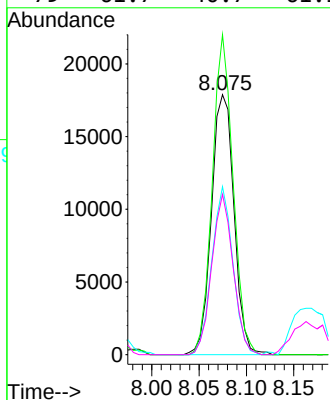
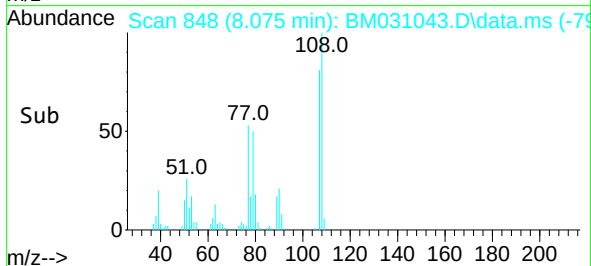


#17
2-Methylphenol
Concen: 7.670 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

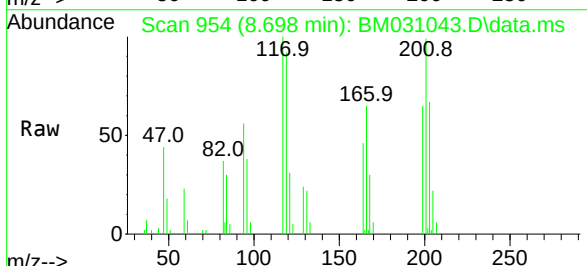
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021



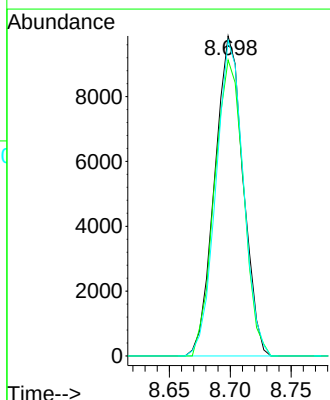
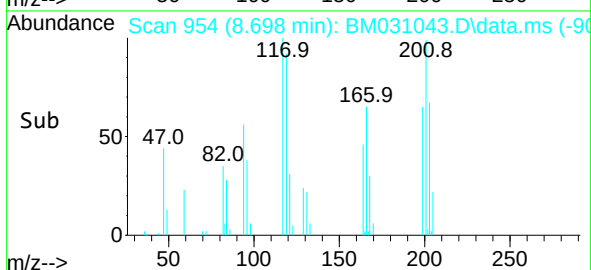
Tgt Ion	Ratio	Lower	Upper
107	100		
108	123.1	85.0	127.6
77	64.7	41.3	61.9#
79	61.7	40.7	61.1#

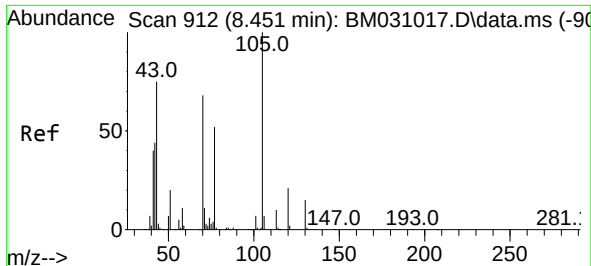


#18
Hexachloroethane
Concen: 8.116 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50



Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.5	76.2	114.2
201	98.6	89.8	134.6

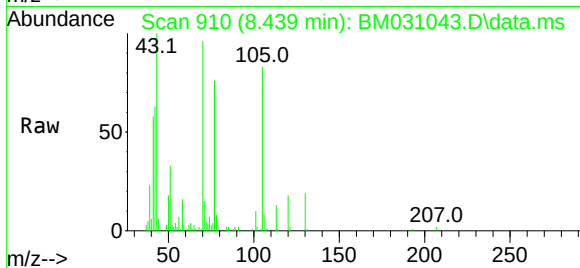




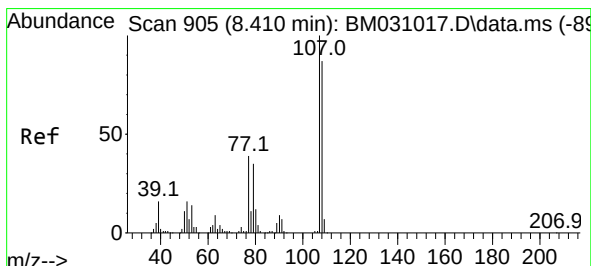
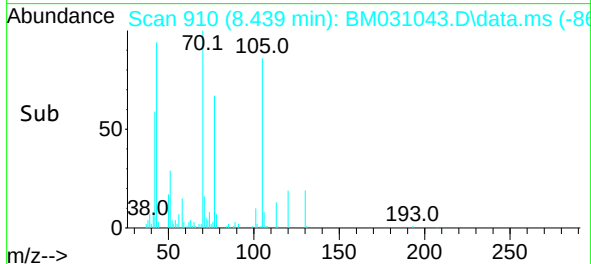
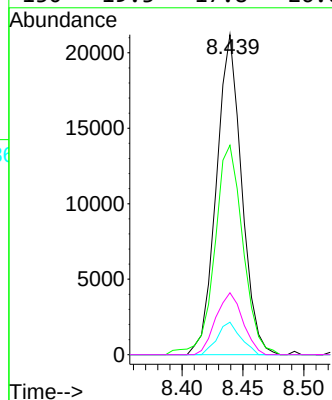
#19

n-Nitroso-di-n-propylamine
 Concen: 7.614 ng
 RT: 8.439 min Scan# 910
 Delta R.T. -0.012 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

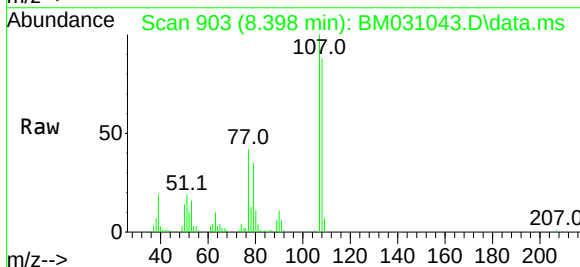


Tgt Ion:	70	Resp:	30623
Ion	Ratio	Lower	Upper
70	100		
42	65.5	51.4	77.0
101	10.2	8.1	12.1
130	19.3	17.8	26.6

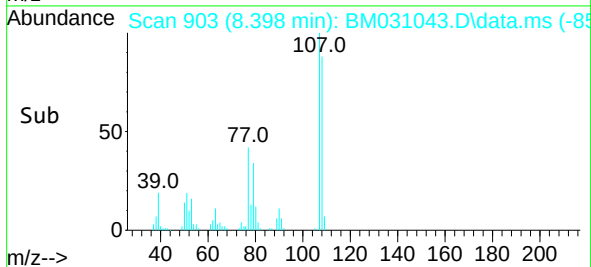
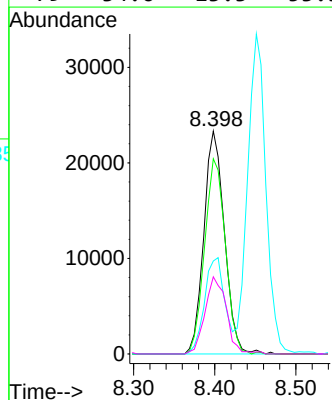


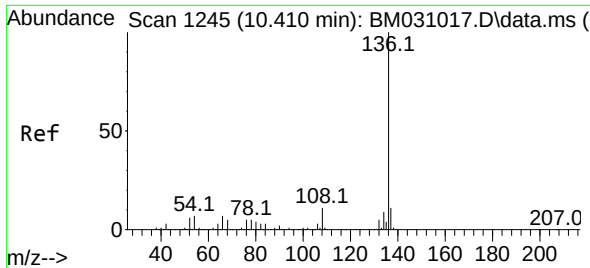
#20

3+4-Methylphenols
 Concen: 7.524 ng
 RT: 8.398 min Scan# 903
 Delta R.T. -0.012 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50



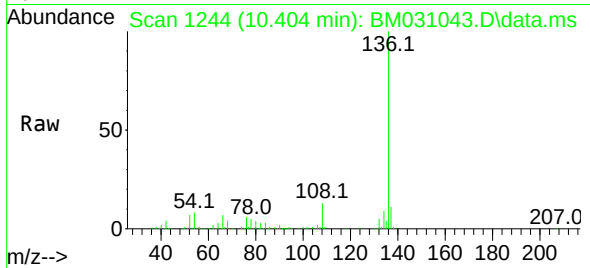
Tgt Ion:	107	Resp:	41066
Ion	Ratio	Lower	Upper
107	100		
108	87.6	69.9	109.9
77	41.7	17.3	57.3
79	34.6	13.3	53.3



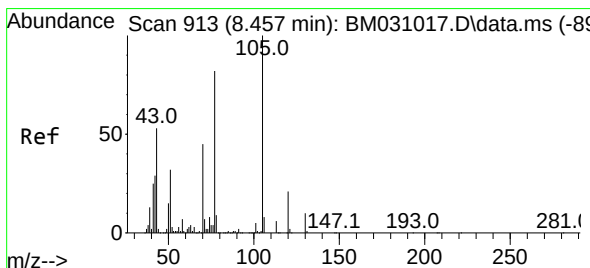
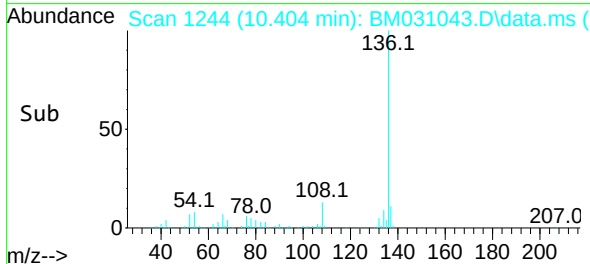
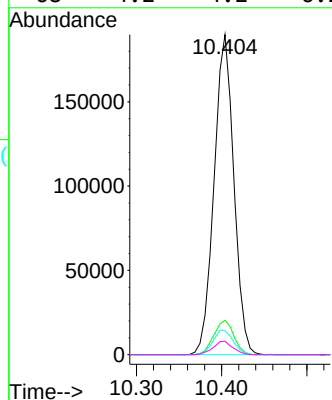


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

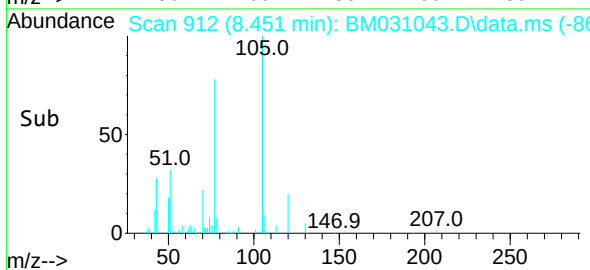
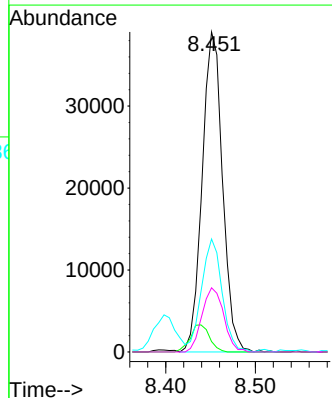
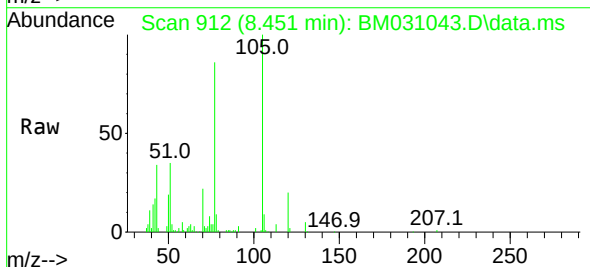


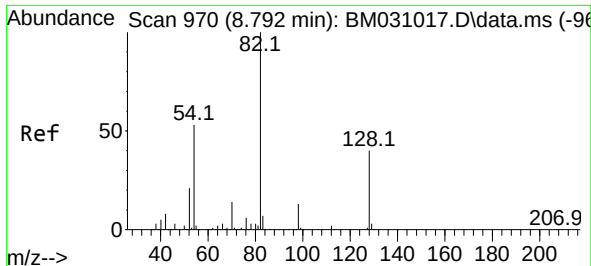
Tgt Ion:136 Resp: 305468
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.5 5.5 8.3
68 4.2 4.2 6.2



#22
Acetophenone
Concen: 8.145 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:105 Resp: 61589
Ion Ratio Lower Upper
105 100
71 3.2 3.4 5.0#
51 35.3 22.2 33.4#
120 20.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 89.388 ng

RT: 8.786 min Scan# 969

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

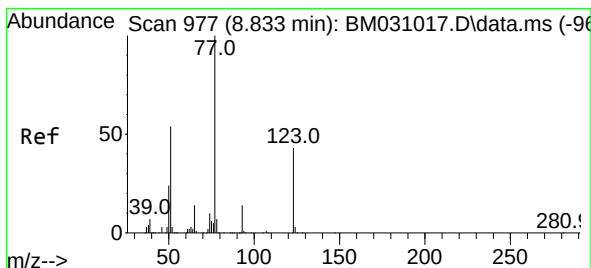
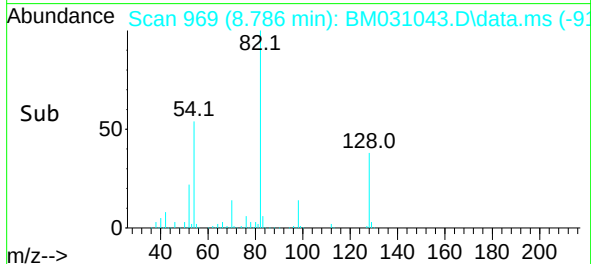
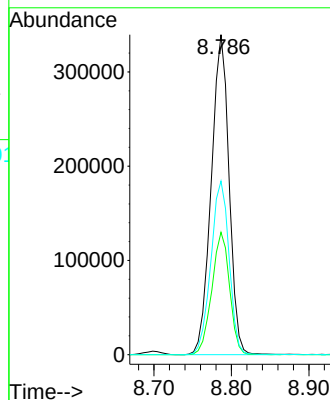
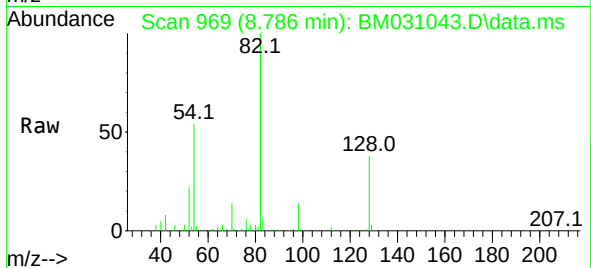
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 82	Resp: 543826
Ion Ratio	Lower Upper
82 100	
128 38.3	31.1 46.7
54 54.2	37.3 55.9



#24

Nitrobenzene

Concen: 8.206 ng

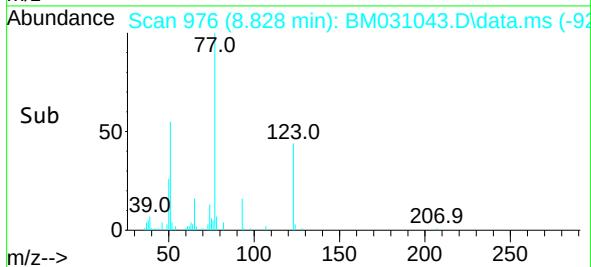
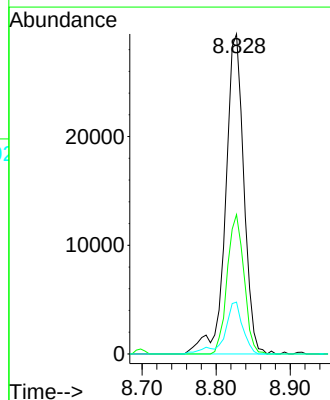
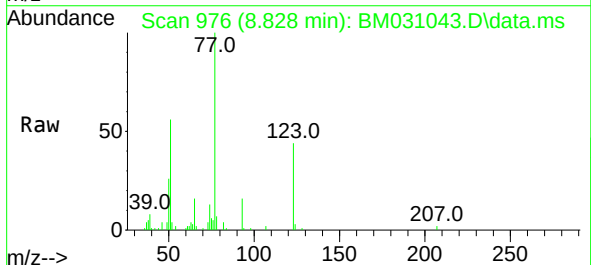
RT: 8.828 min Scan# 976

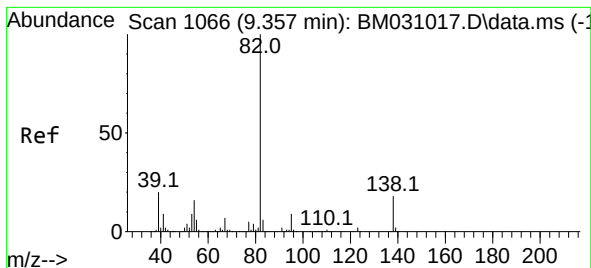
Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion: 77	Resp: 50415
Ion Ratio	Lower Upper
77 100	
123 43.6	34.0 51.0
65 16.2	11.0 16.4





#25

Isophorone

Concen: 7.308 ng

RT: 9.345 min Scan# 1064

Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

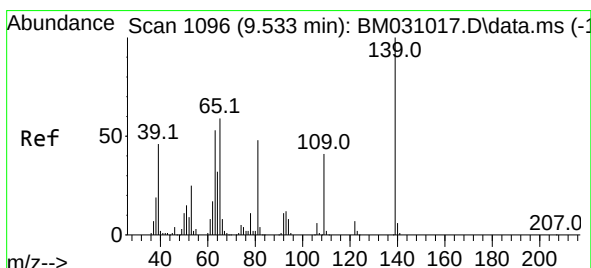
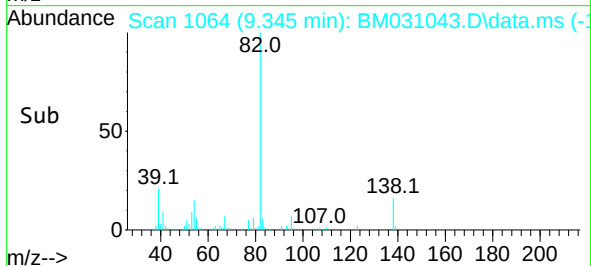
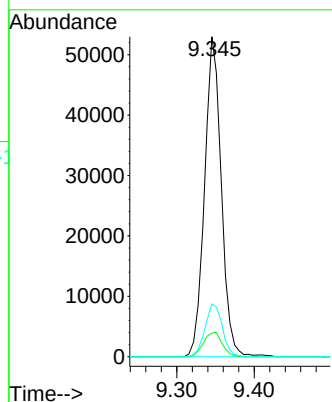
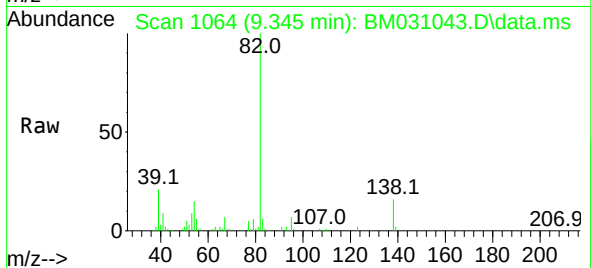
Tgt Ion:	82	Resp:	79500
Ion	Ratio	Lower	Upper
82	100		
95	7.3	6.3	9.5
138	16.5	14.5	21.7

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#26

2-Nitrophenol

Concen: 7.319 ng

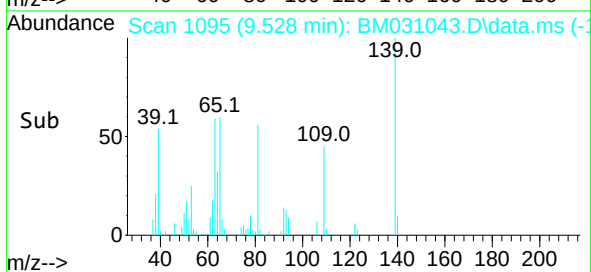
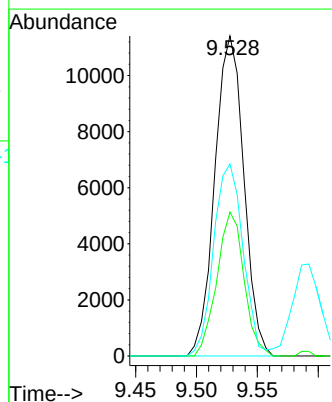
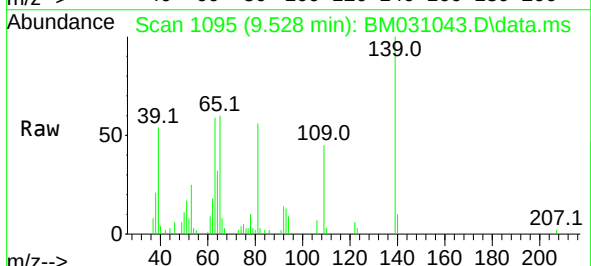
RT: 9.528 min Scan# 1095

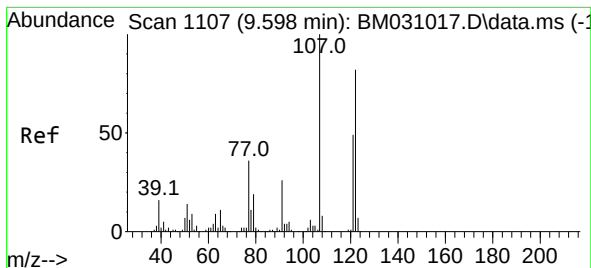
Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:	139	Resp:	18933
Ion	Ratio	Lower	Upper
139	100		
109	45.0	26.7	40.1#
65	60.0	41.9	62.9

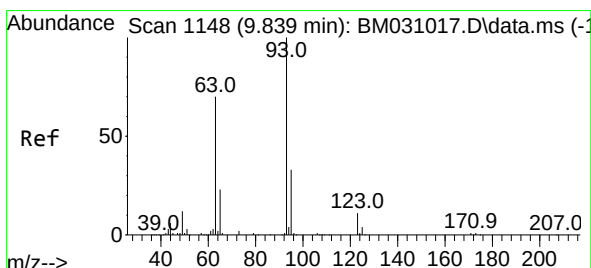
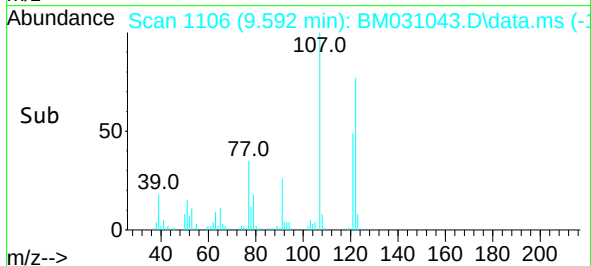
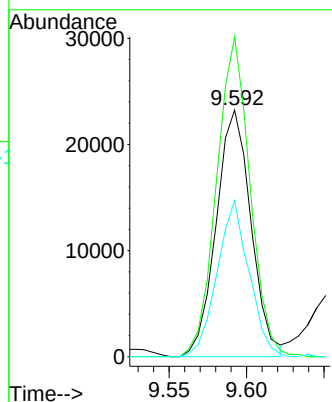
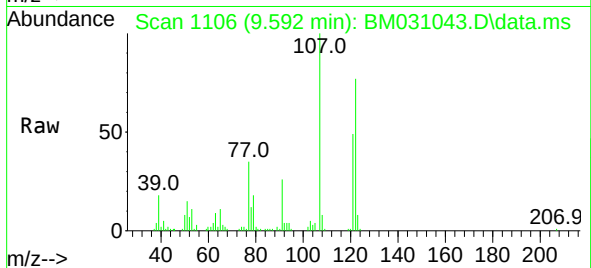




#27
2,4-Dimethylphenol
Concen: 8.901 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

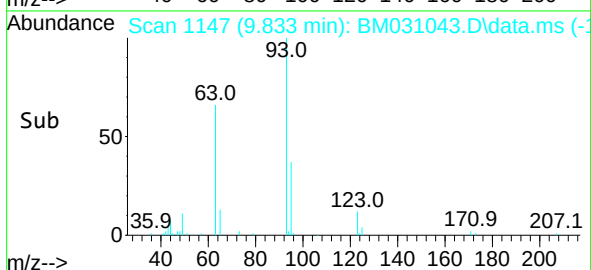
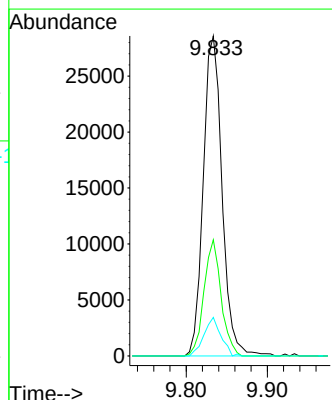
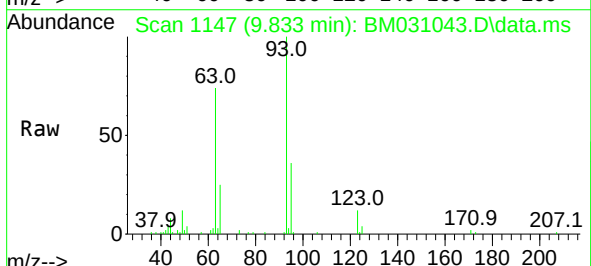
Instrument :
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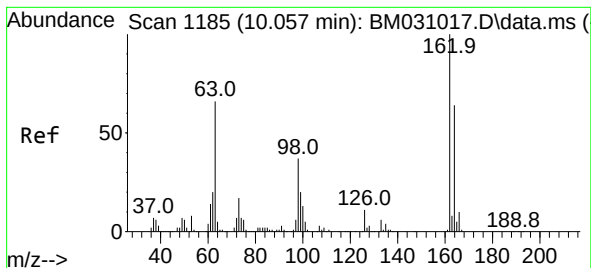
Tgt Ion:122 Resp: 36277
Ion Ratio Lower Upper
122 100
107 129.8 95.0 142.6
121 63.3 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.368 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 93 Resp: 45901
Ion Ratio Lower Upper
93 100
95 36.3 26.2 39.2
123 12.1 9.3 13.9

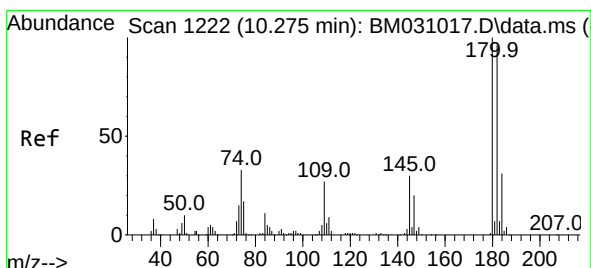
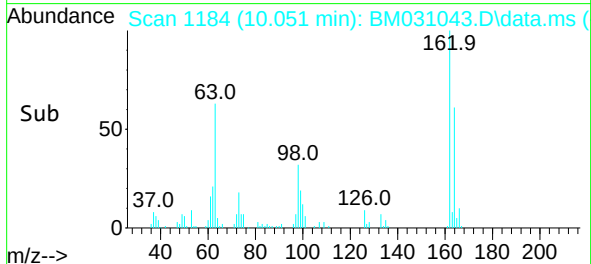
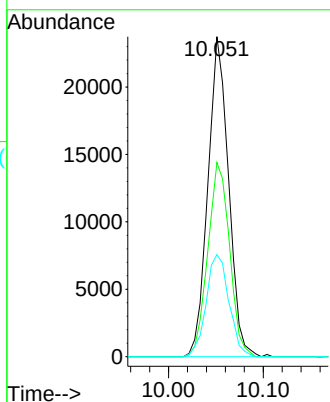
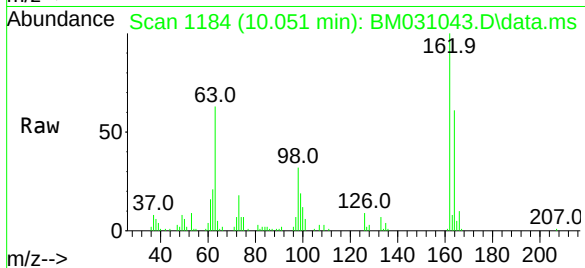




#29
2,4-Dichlorophenol
Concen: 7.458 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

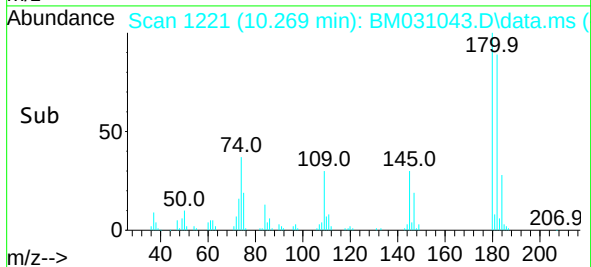
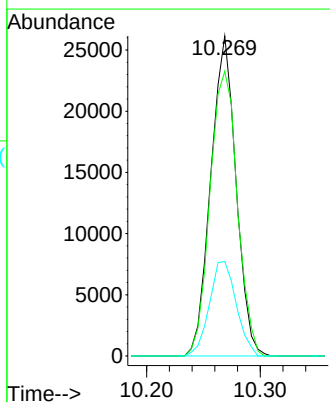
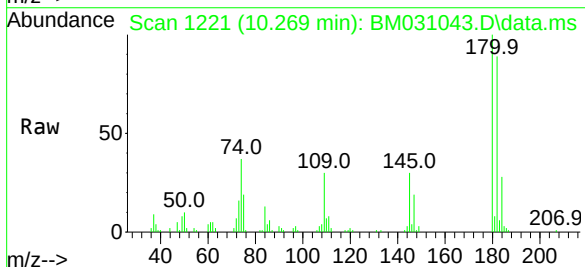
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

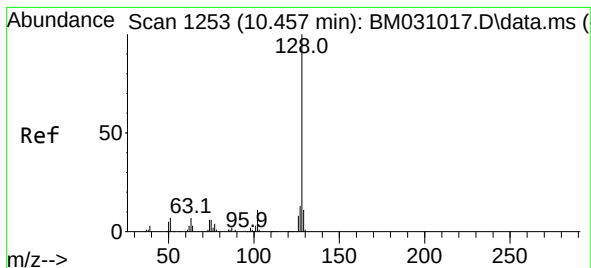
Tgt Ion:162 Resp: 35953
Ion Ratio Lower Upper
162 100
164 60.7 46.5 86.5
98 31.9 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 7.621 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:180 Resp: 40341
Ion Ratio Lower Upper
180 100
182 89.0 76.3 114.5
145 29.5 22.3 33.5

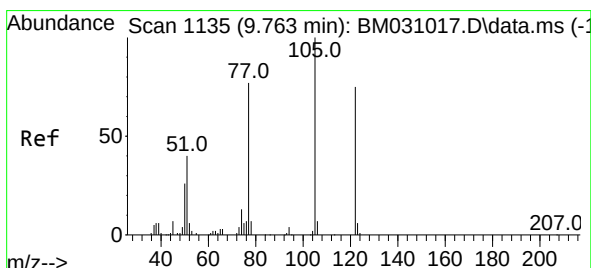
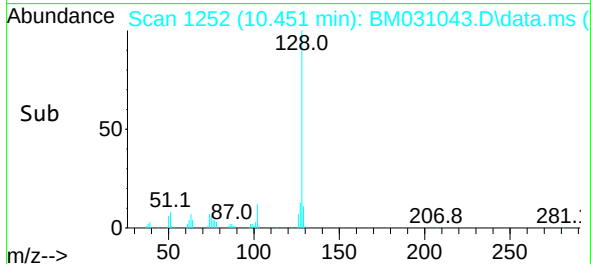
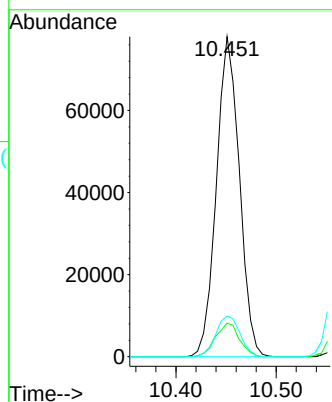
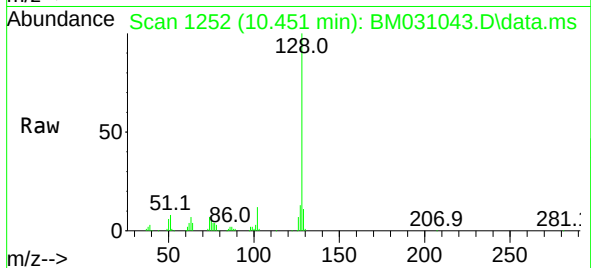




#31
Naphthalene
Concen: 7.889 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

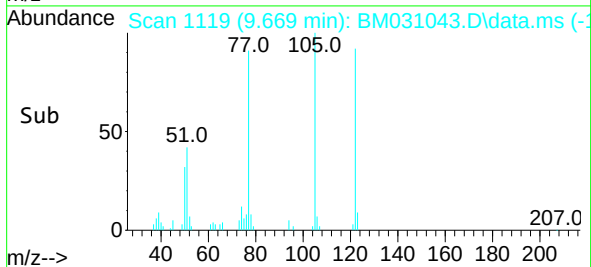
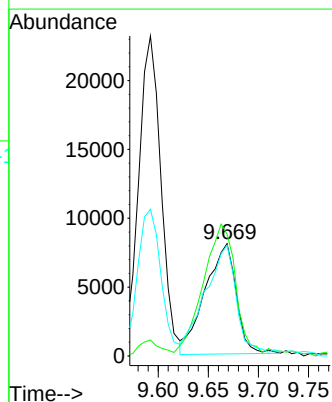
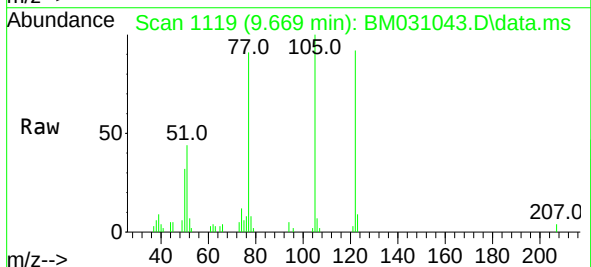
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

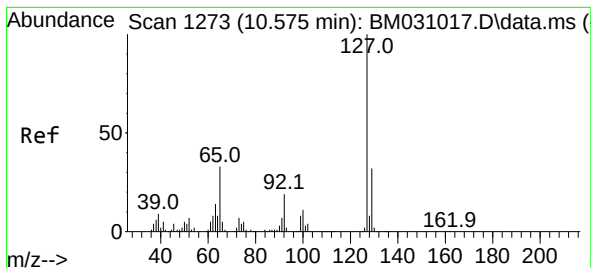
Tgt Ion:128 Resp: 123990
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.6
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 4.987 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.094 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:122 Resp: 17319
Ion Ratio Lower Upper
122 100
105 108.5 107.3 147.3
77 98.5 88.0 128.0

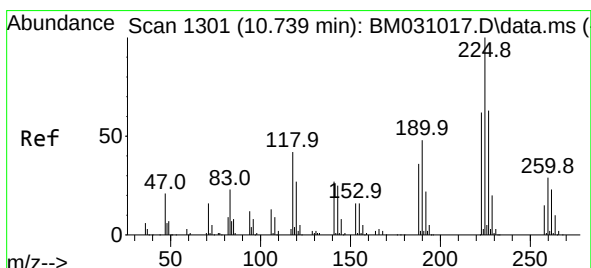
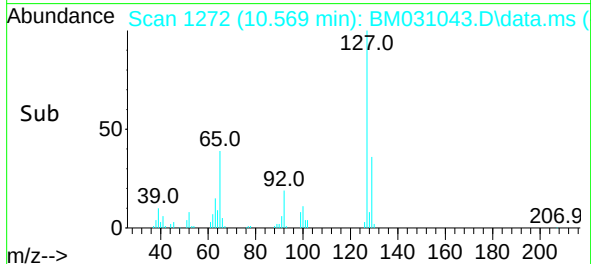
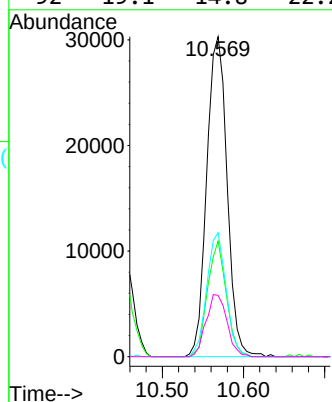
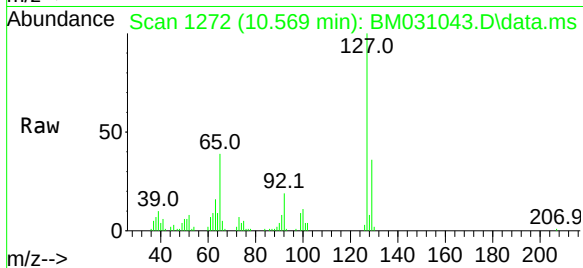




#33
4-Chloroaniline
Concen: 7.785 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

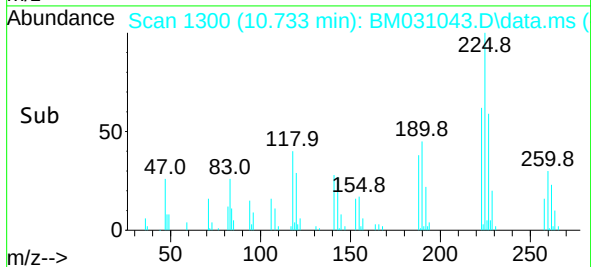
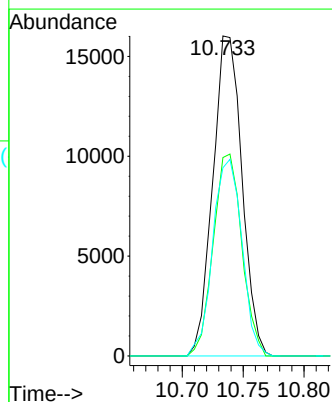
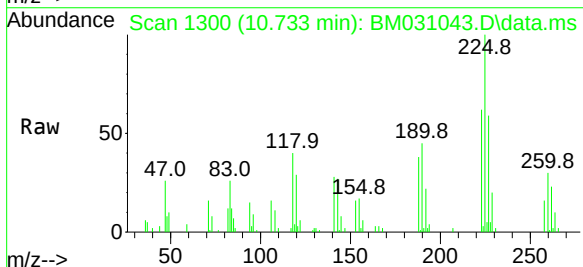
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

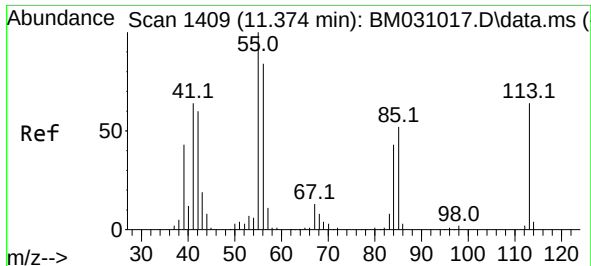
Tgt Ion:127	Resp:	52786
Ion Ratio	Lower	Upper
127 100		
129 36.2	26.8	40.2
65 38.8	25.2	37.8#
92 19.1	14.8	22.2



#34
Hexachlorobutadiene
Concen: 7.863 ng
RT: 10.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:225	Resp:	26728
Ion Ratio	Lower	Upper
225 100		
223 62.0	52.1	78.1
227 58.8	53.8	80.6

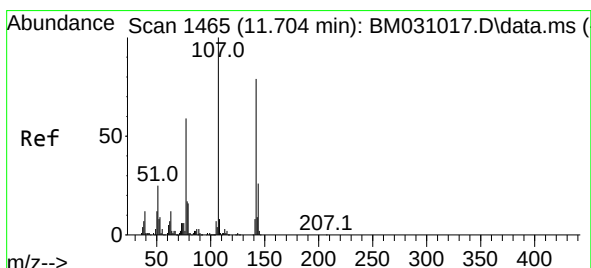
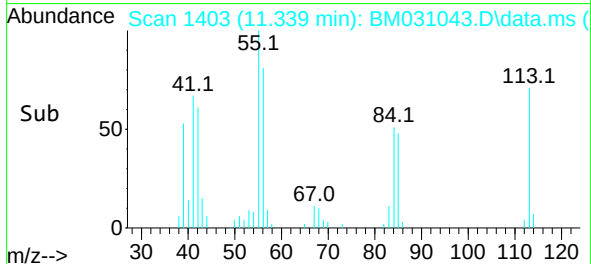
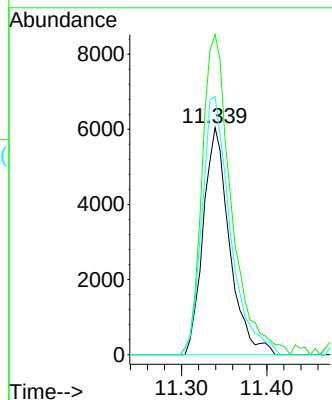
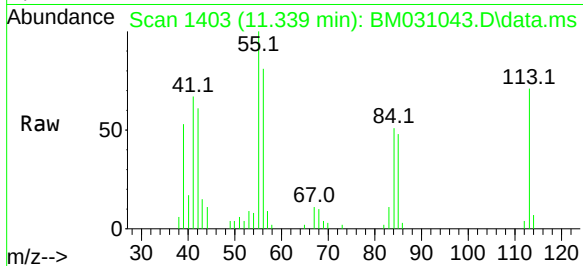




#35
Caprolactam
Concen: 8.003 ng
RT: 11.339 min Scan# 1403
Delta R.T. -0.035 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

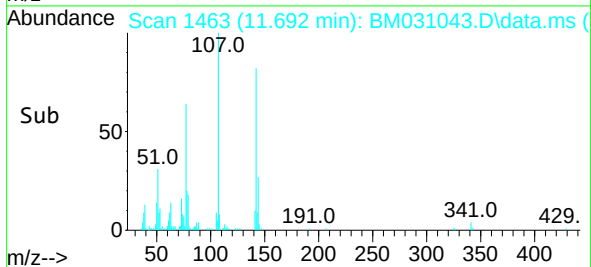
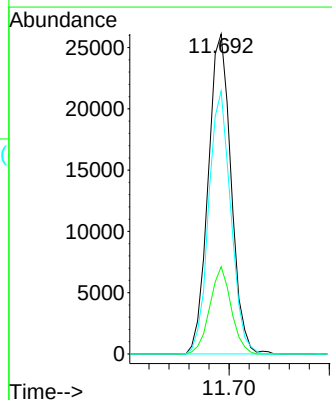
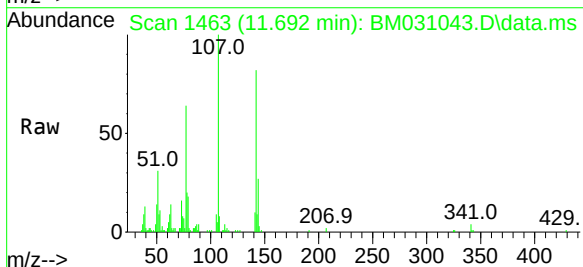
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

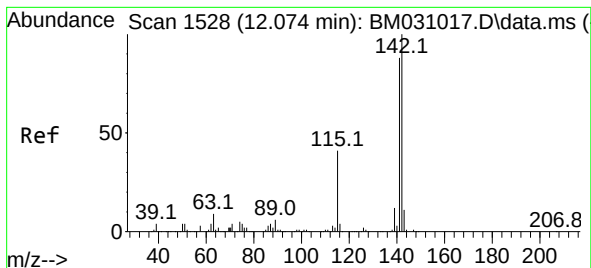
Tgt Ion:113 Resp: 12970
Ion Ratio Lower Upper
113 100
55 140.9 132.0 172.0
56 113.7 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 7.518 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:107 Resp: 41358
Ion Ratio Lower Upper
107 100
144 27.3 22.3 33.5
142 82.1 69.3 103.9

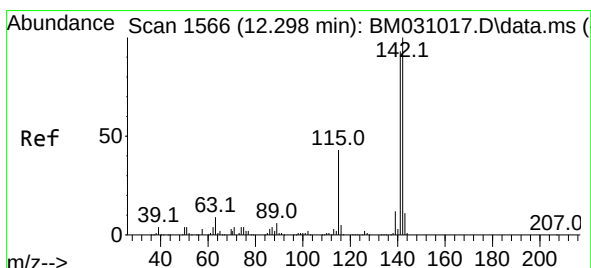
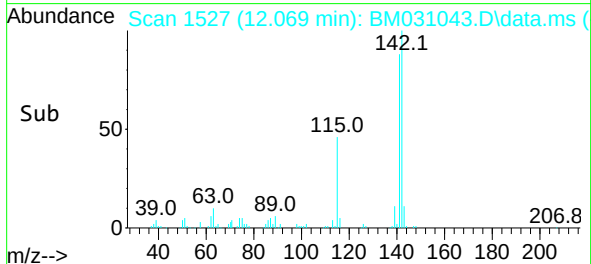
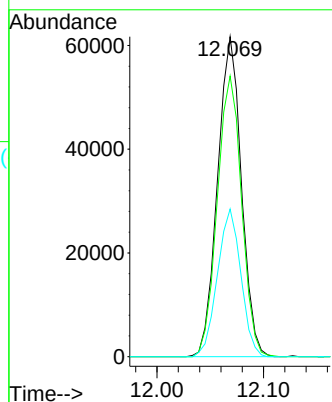
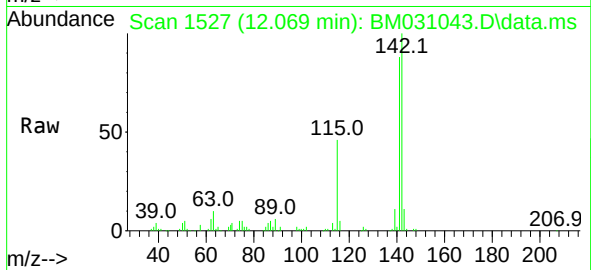




#37
2-Methylnaphthalene
Concen: 7.903 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

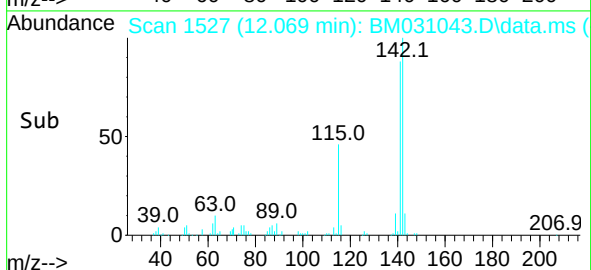
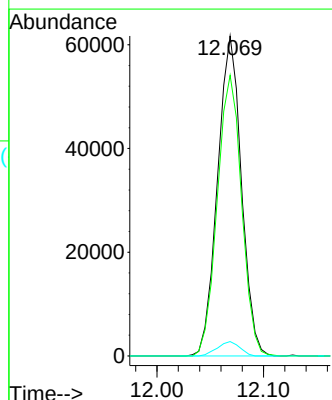
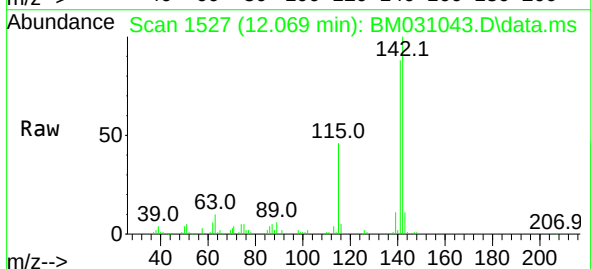
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

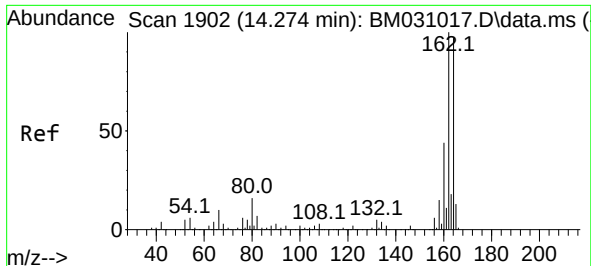
Tgt Ion:142 Resp: 95745
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 46.1 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 8.300 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.229 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:142 Resp: 95745
Ion Ratio Lower Upper
142 100
141 87.7 74.2 111.4
116 4.5 3.0 4.6

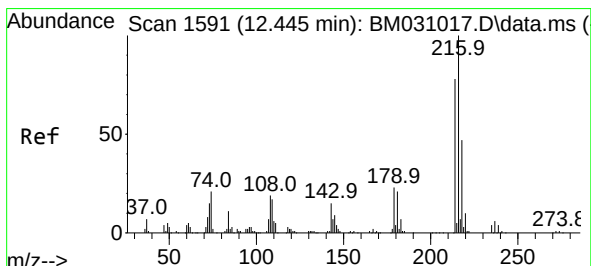
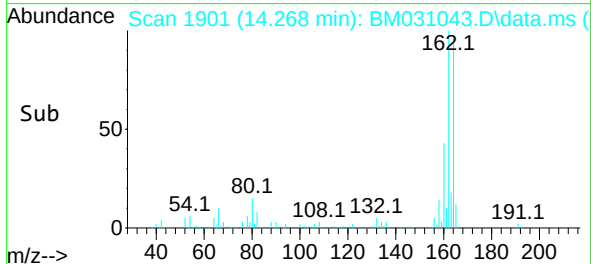
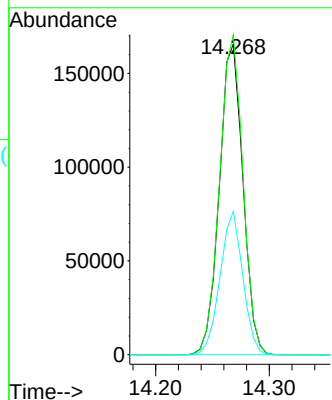
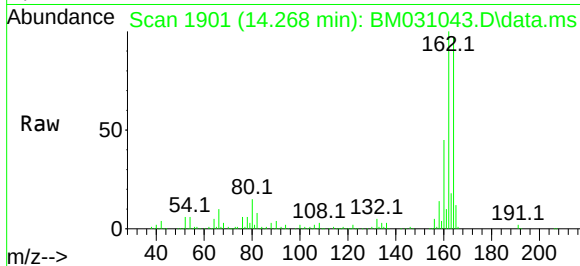




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

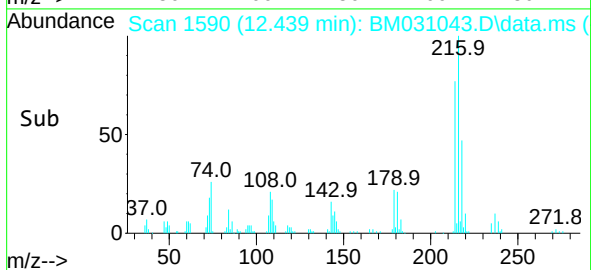
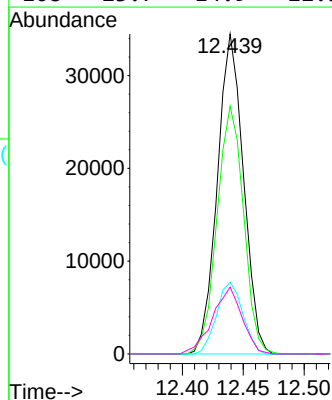
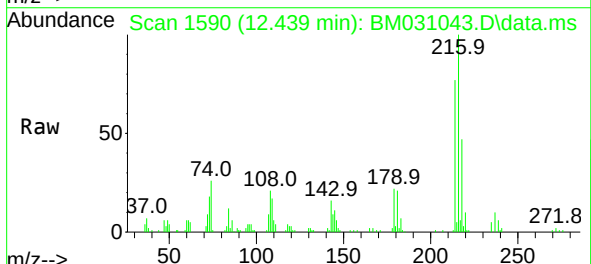
Instrument :
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ClientSampleId :
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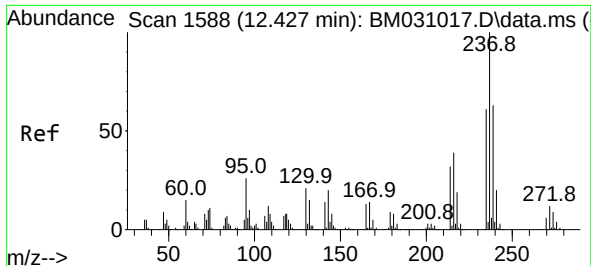
Tgt Ion:164 Resp: 238819
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 46.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.736 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:216 Resp: 51473
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 22.5 17.6 26.4
108 23.7 14.9 22.3#

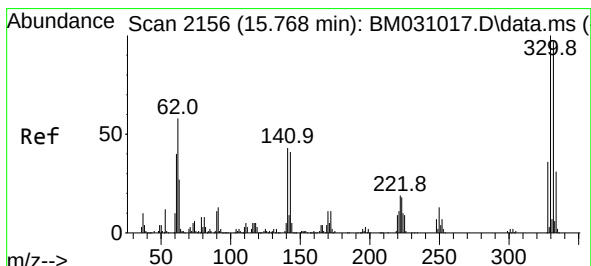
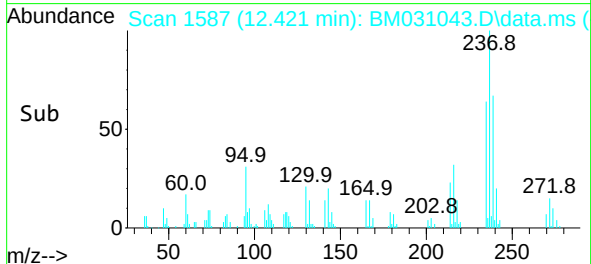
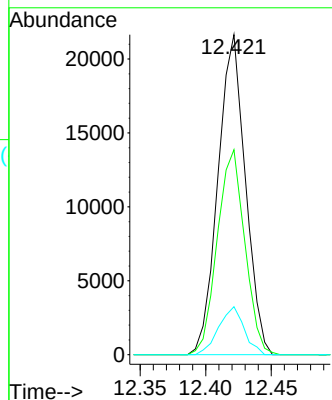
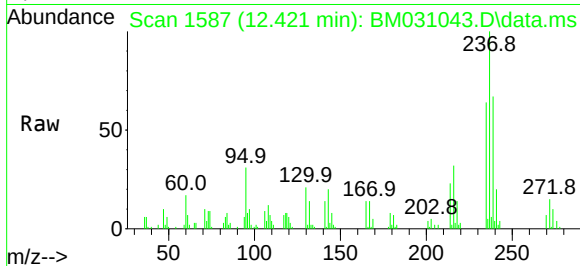




#41
Hexachlorocyclopentadiene
Concen: 8.507 ng
RT: 12.421 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

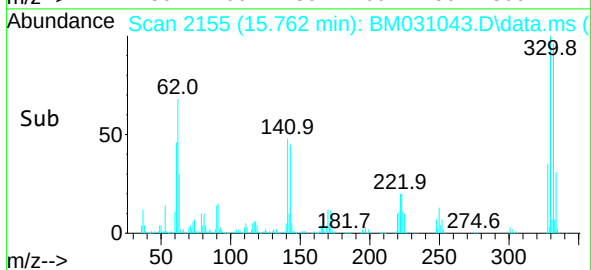
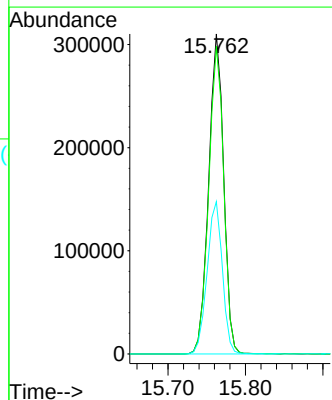
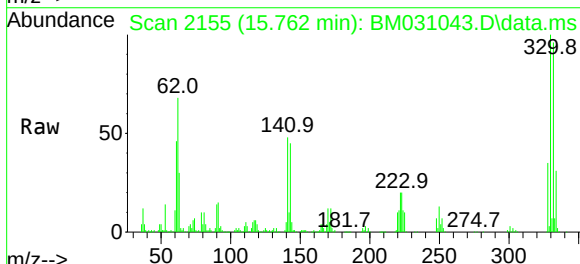
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

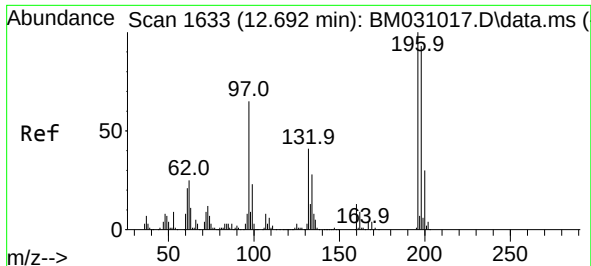
Tgt Ion:237 Resp: 31487
Ion Ratio Lower Upper
237 100
235 64.1 42.4 82.4
272 15.0 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 133.422 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:330 Resp: 416086
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 48.6 30.2 45.2#

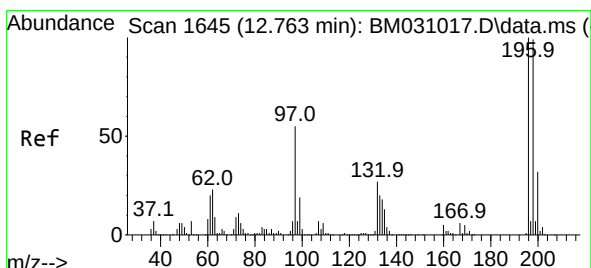
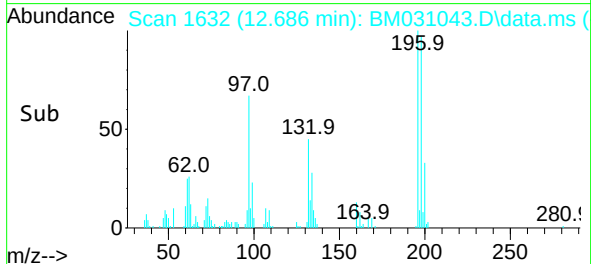
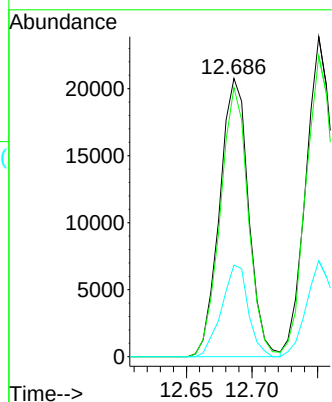
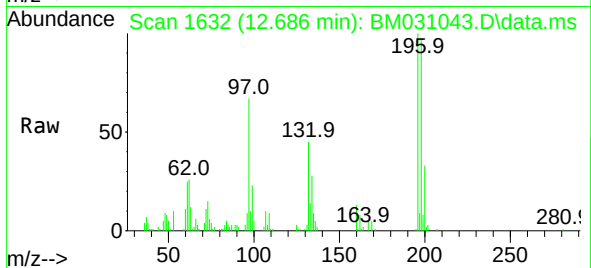




#43
2,4,6-Trichlorophenol
Concen: 6.813 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

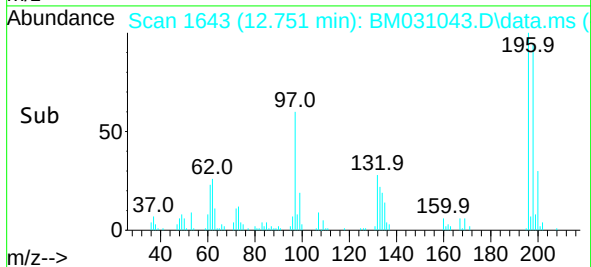
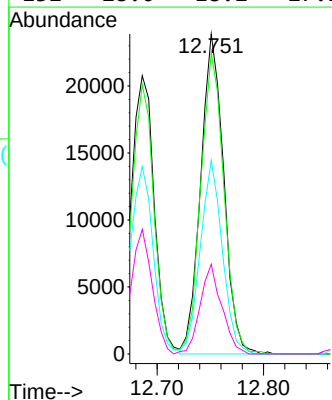
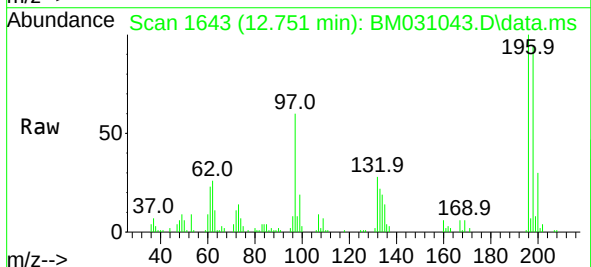
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

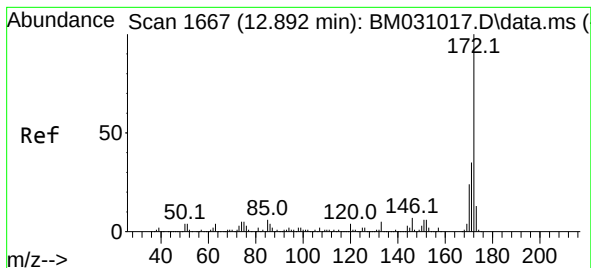
Tgt Ion:196 Resp: 31846
Ion Ratio Lower Upper
196 100
198 96.7 77.6 116.4
200 32.9 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 6.931 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:196 Resp: 35870
Ion Ratio Lower Upper
196 100
198 94.1 77.0 115.4
97 60.4 36.6 55.0#
132 28.0 18.2 27.2#

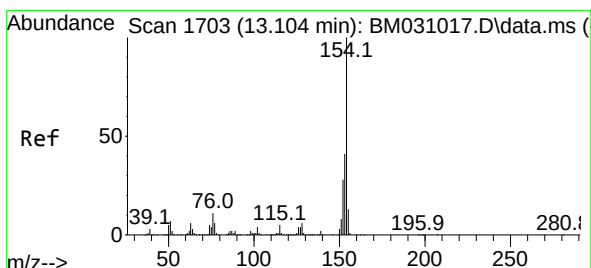
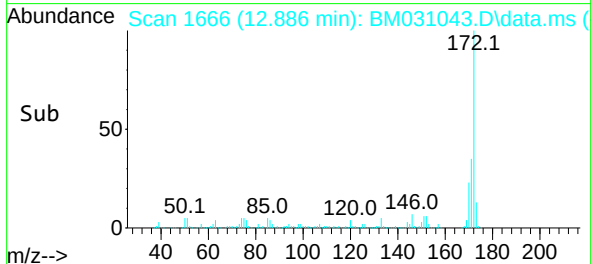
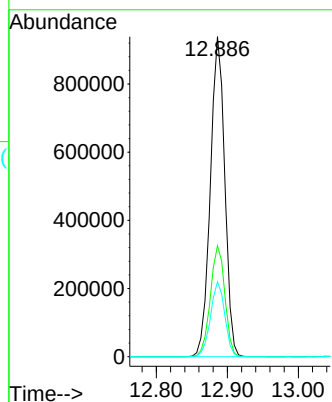
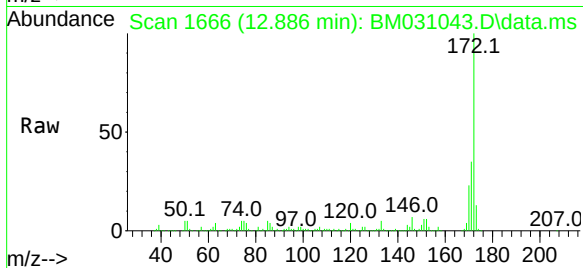




#45
2-Fluorobiphenyl
Concen: 82.815 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

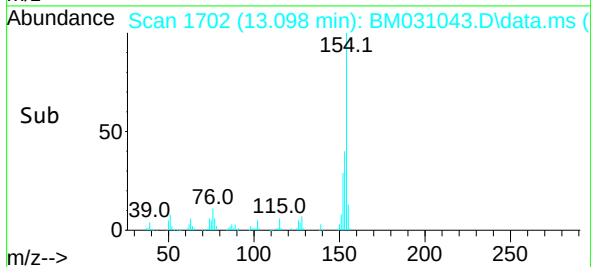
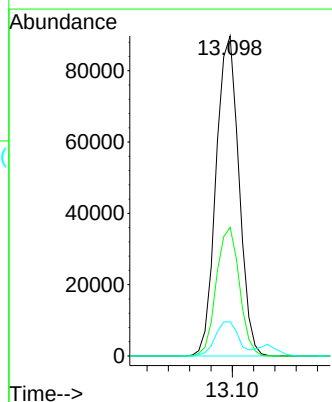
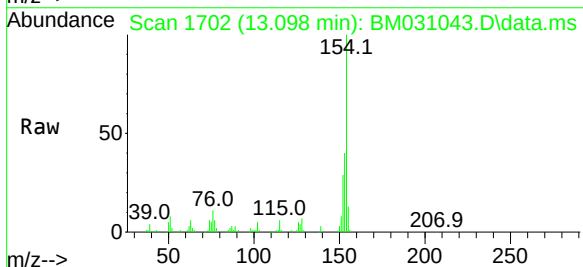
Instrument :
BNA_M
ClientSampleId :
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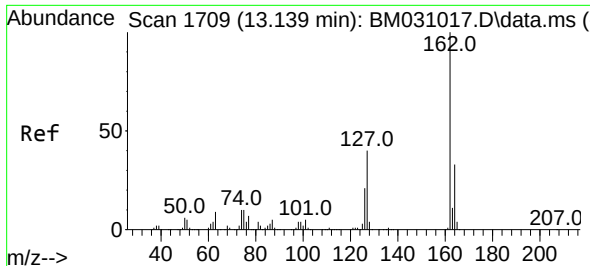
Tgt Ion:172 Resp: 1325542
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 23.4 18.4 27.6



#46
1,1'-Biphenyl
Concen: 7.892 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:154 Resp: 133644
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 10.7 0.0 31.0

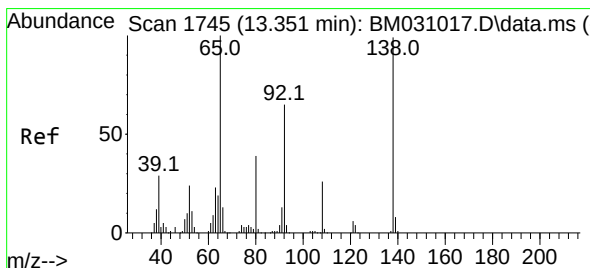
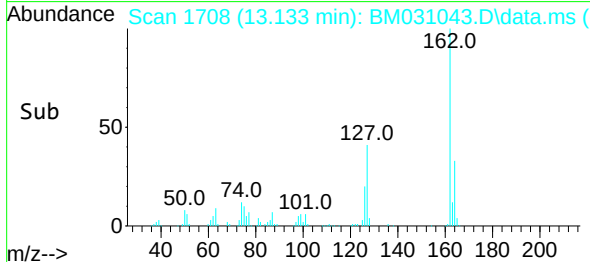
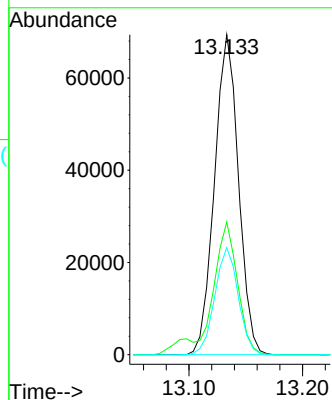
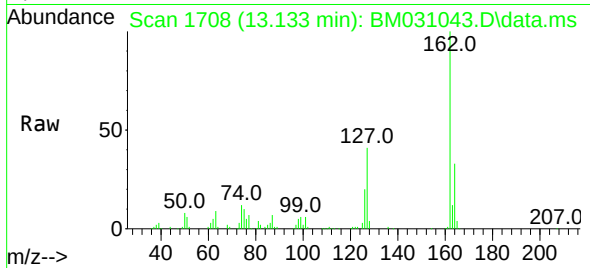




#47
2-Chloronaphthalene
Concen: 7.667 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

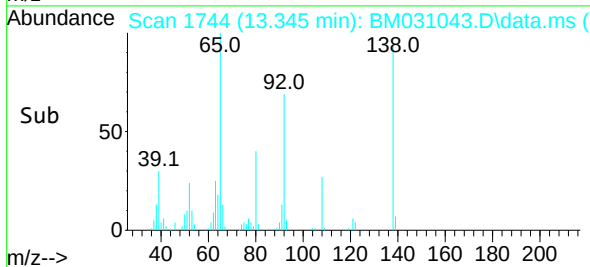
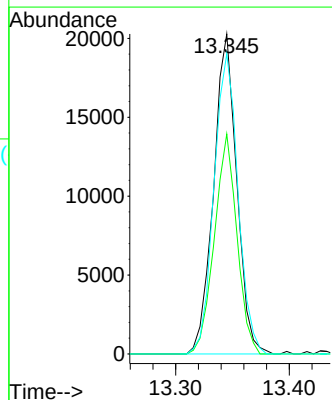
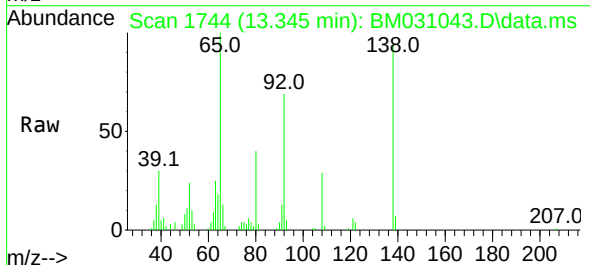
Instrument :
BNA_M
ClientSampleId :
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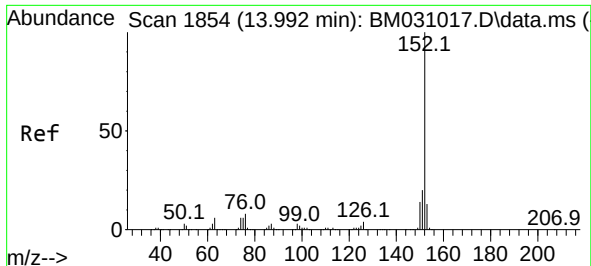
Tgt Ion:162 Resp: 101689
Ion Ratio Lower Upper
162 100
127 41.5 27.1 40.7#
164 33.5 26.1 39.1



#48
2-Nitroaniline
Concen: 6.815 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion: 65 Resp: 28803
Ion Ratio Lower Upper
65 100
92 68.7 55.5 83.3
138 93.8 85.7 128.5

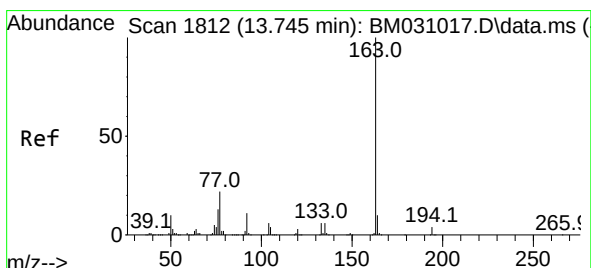
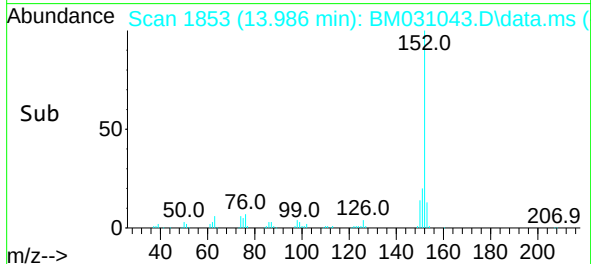
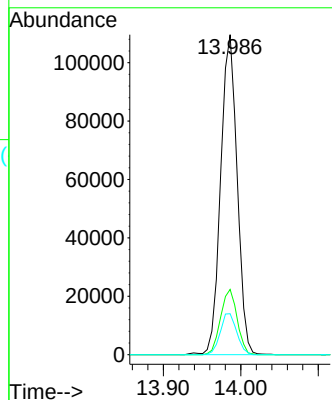
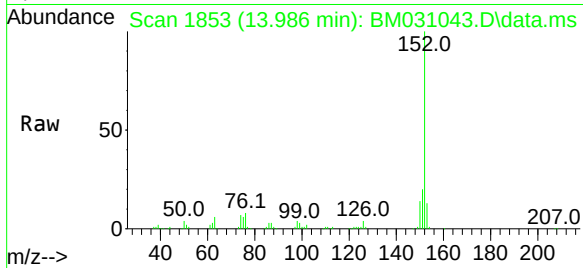




#49
Acenaphthylene
Concen: 7.638 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

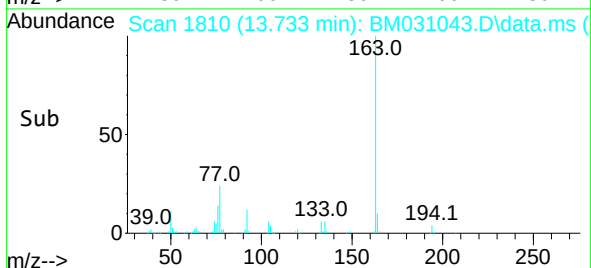
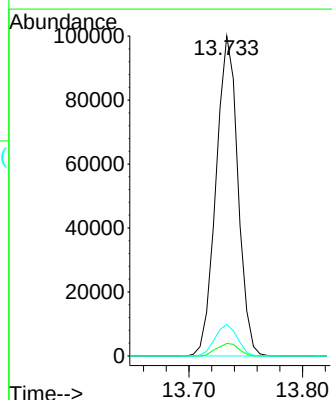
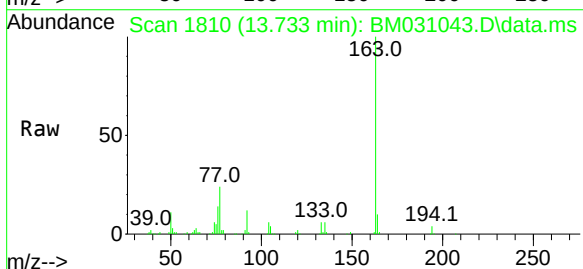
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

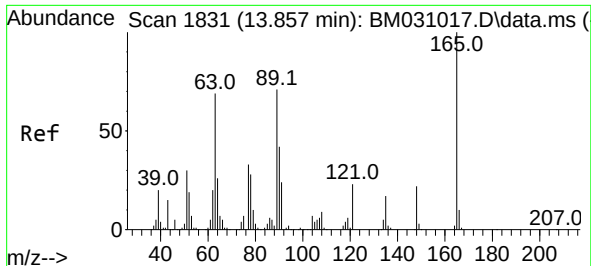
Tgt Ion:152 Resp: 161923
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.8 10.2 15.4



#50
Dimethylphthalate
Concen: 7.491 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:163 Resp: 134177
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 9.9 7.9 11.9

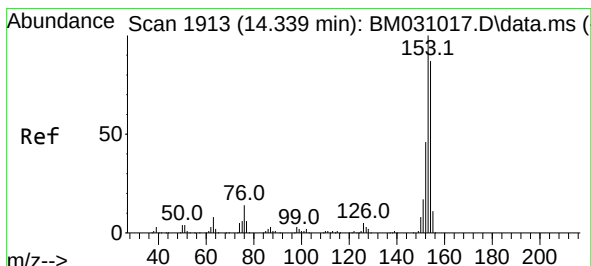
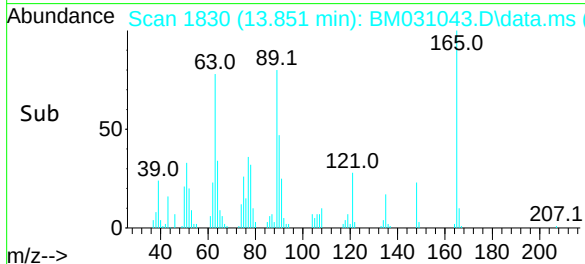
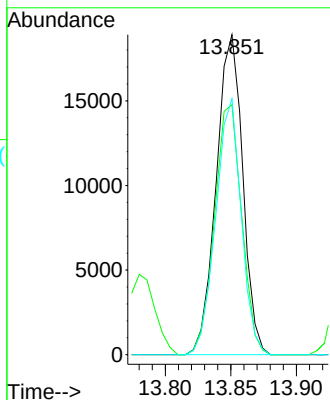
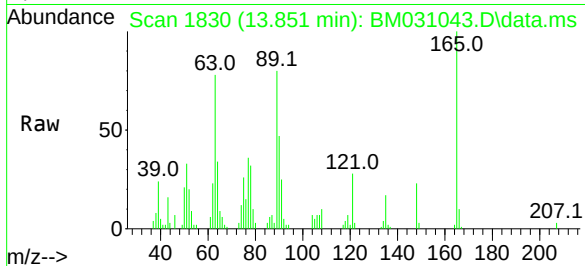




#51
2,6-Dinitrotoluene
Concen: 6.613 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

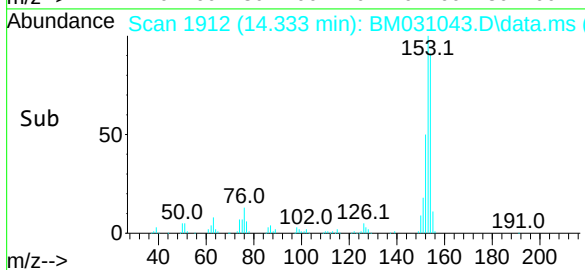
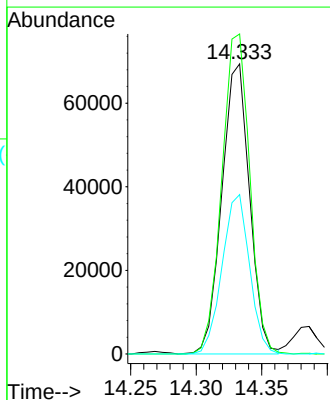
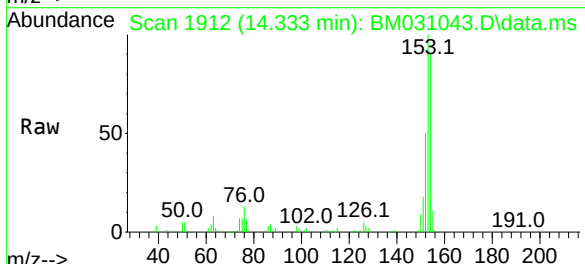
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

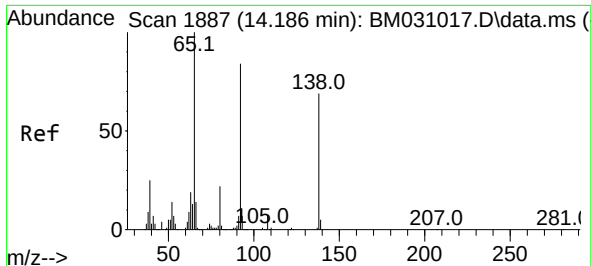
Tgt Ion:165 Resp: 26534
Ion Ratio Lower Upper
165 100
63 78.1 45.3 67.9#
89 79.9 46.3 69.5#



#52
Acenaphthene
Concen: 7.650 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:154 Resp: 102058
Ion Ratio Lower Upper
154 100
153 110.3 92.2 138.2
152 54.9 43.4 65.2

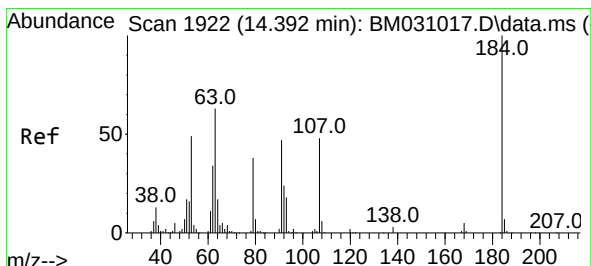
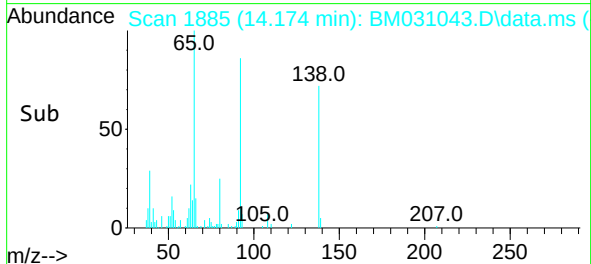
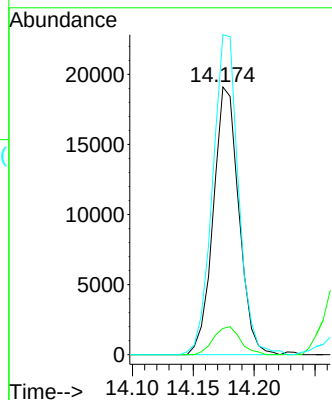
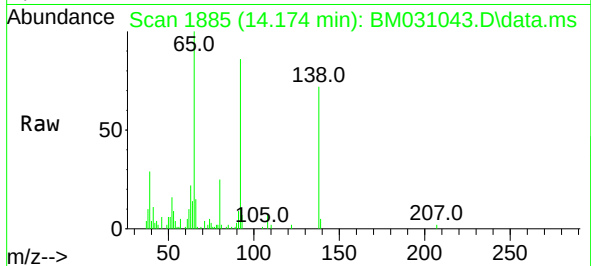




#53
3-Nitroaniline
Concen: 6.866 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

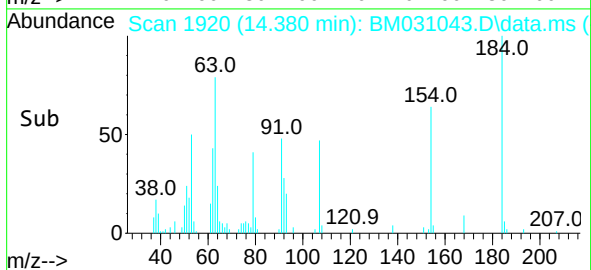
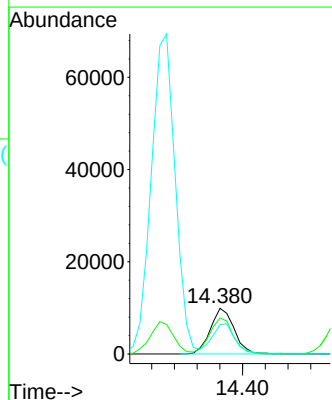
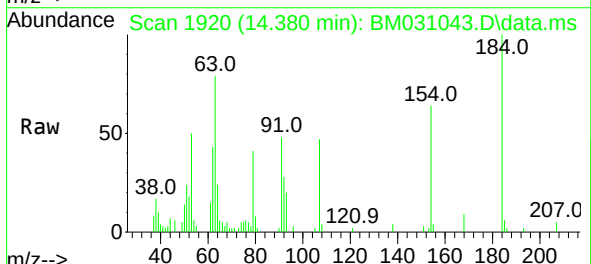
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

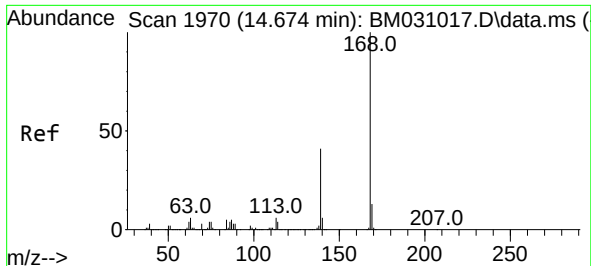
Tgt Ion:138 Resp: 27833
Ion Ratio Lower Upper
138 100
108 9.8 7.7 11.5
92 119.5 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 6.051 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:184 Resp: 14319
Ion Ratio Lower Upper
184 100
63 78.8 54.2 81.2
154 64.2 56.1 84.1

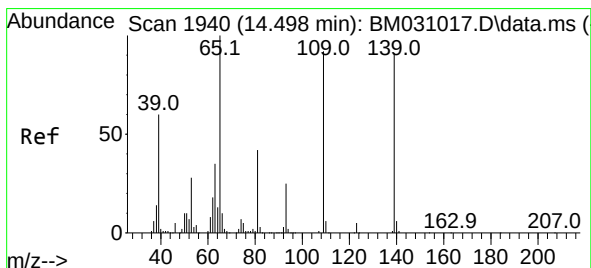
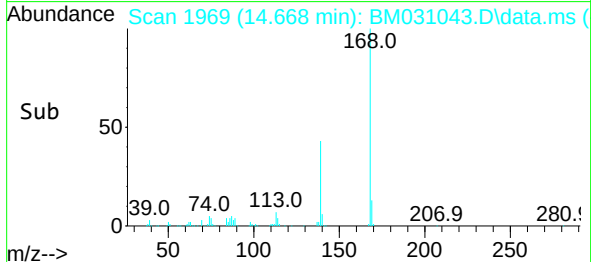
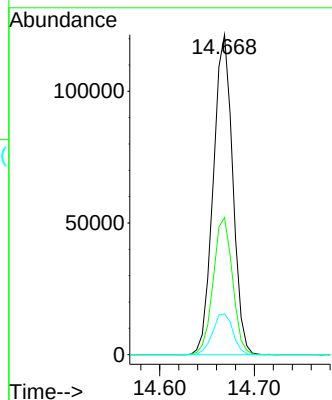
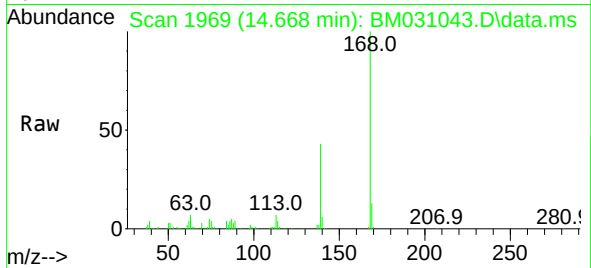




#55
Dibenzofuran
Concen: 7.897 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

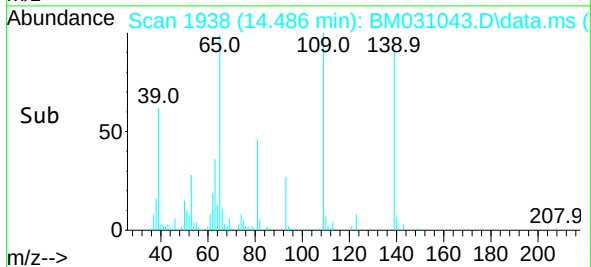
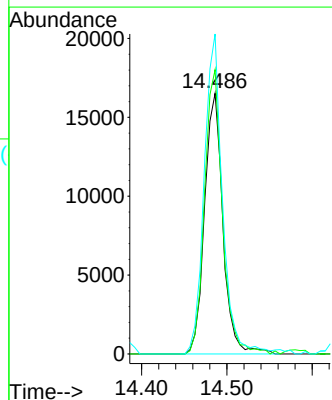
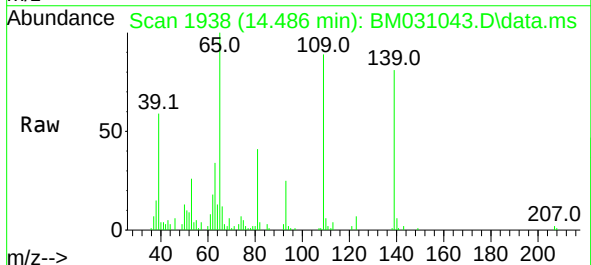
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ClientSampleId :
MDL-SOIL-03-QT3-2021

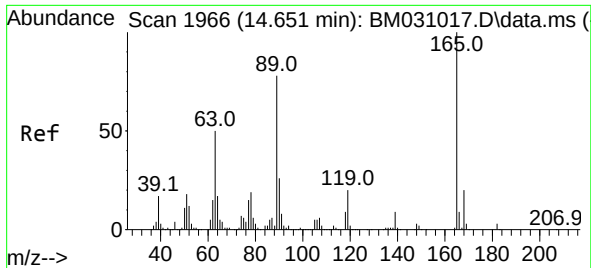
Tgt Ion:168 Resp: 172780
Ion Ratio Lower Upper
168 100
139 42.8 29.4 44.0
169 12.7 10.8 16.2



#56
4-Nitrophenol
Concen: 6.896 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

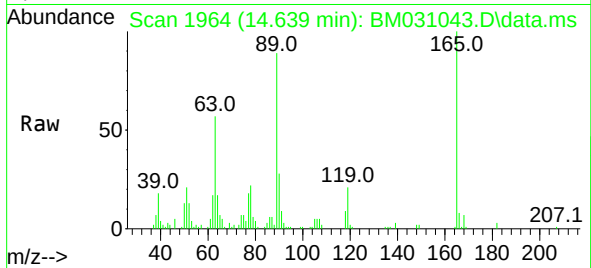
Tgt Ion:139 Resp: 24721
Ion Ratio Lower Upper
139 100
109 109.1 64.5 104.5#
65 122.7 78.9 118.9#



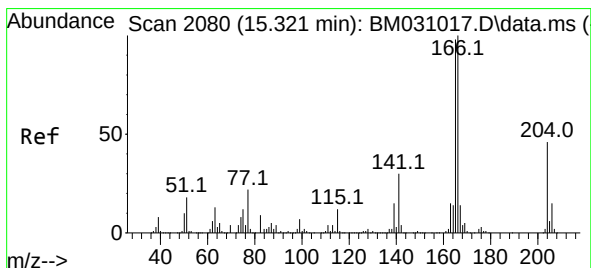
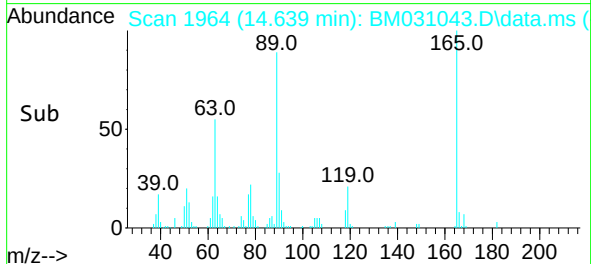
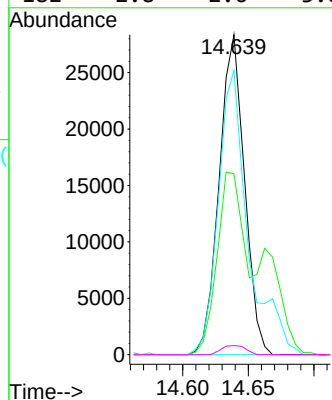


#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

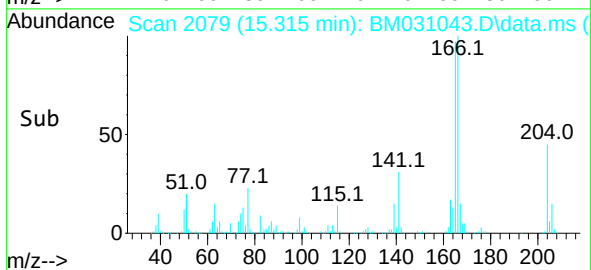
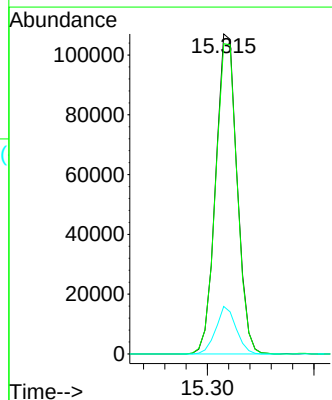
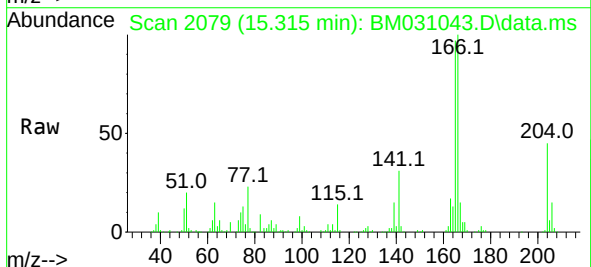


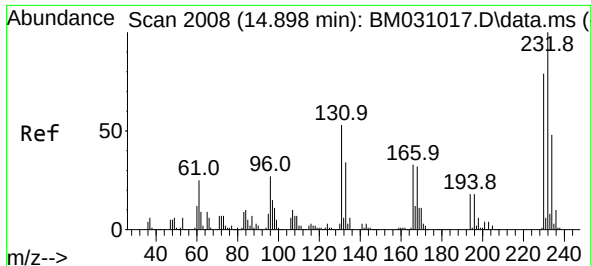
Tgt Ion:	165	Resp:	38081
Ion Ratio	Lower	Upper	
165	100		
63	56.5	35.0	52.4#
89	88.8	55.2	82.8#
182	2.8	2.6	3.8



#58
Fluorene
Concen: 8.050 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	166	Resp:	148582
Ion Ratio	Lower	Upper	
166	100		
165	96.9	79.0	118.6
167	14.8	10.8	16.2

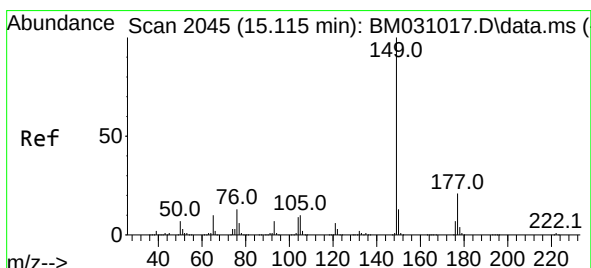
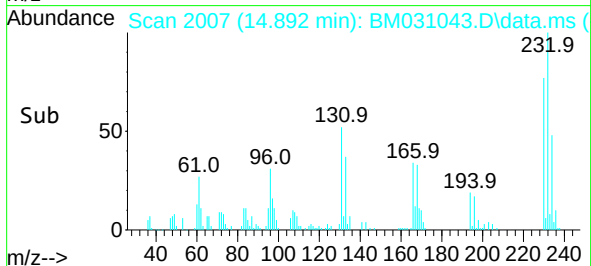
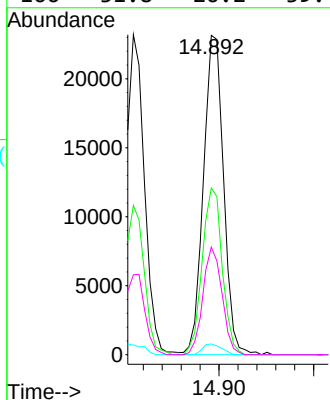
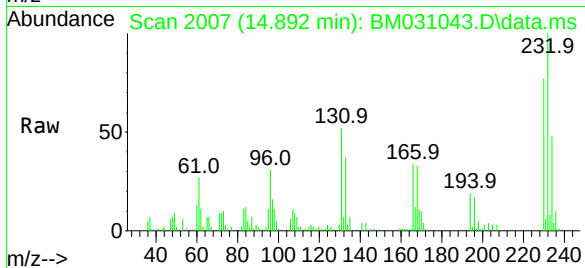




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.116 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

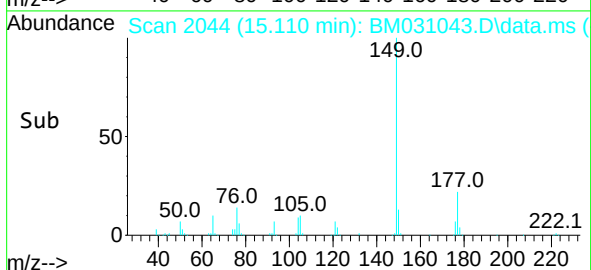
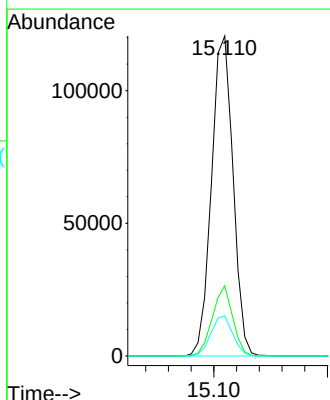
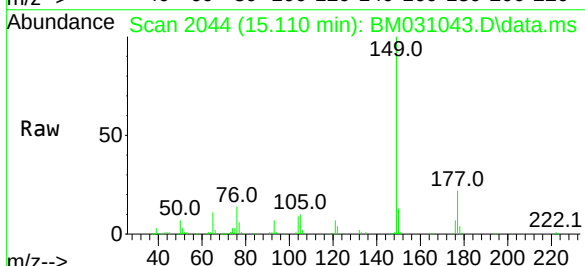
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

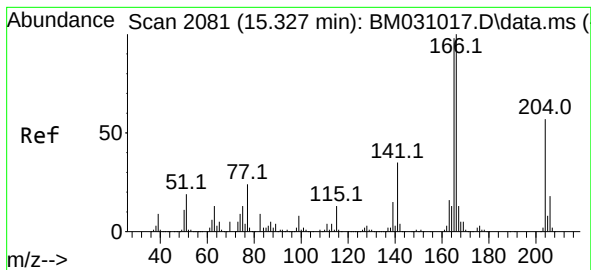
Tgt Ion:	232	Resp:	34315
Ion Ratio	Lower	Upper	
232	100		
131	51.9	34.4	51.6#
130	3.1	2.2	3.2
166	31.8	26.2	39.4



#60
Diethylphthalate
Concen: 8.273 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:	149	Resp:	158876
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.9	26.9
150	12.6	10.3	15.5

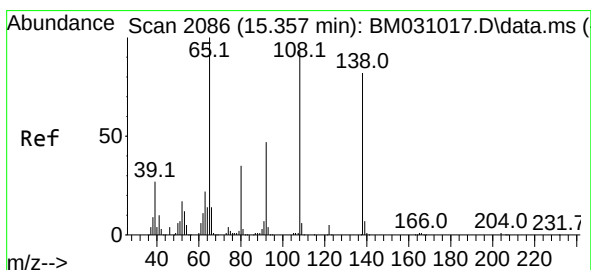
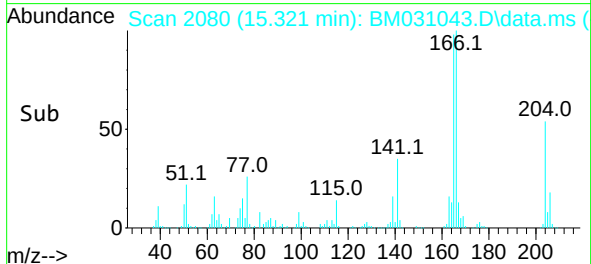
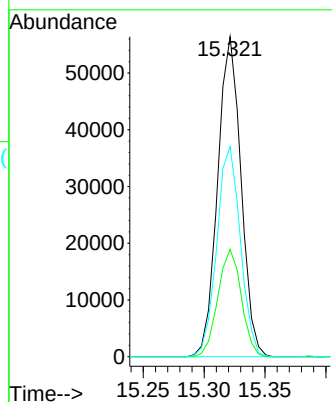
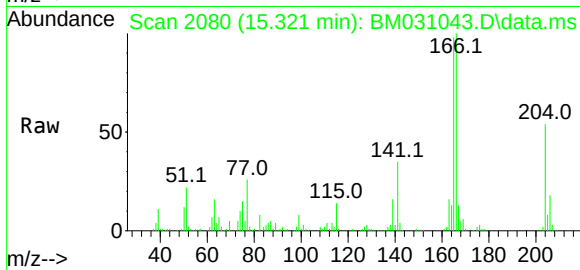




#61
4-Chlorophenyl-phenylether
Concen: 8.239 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

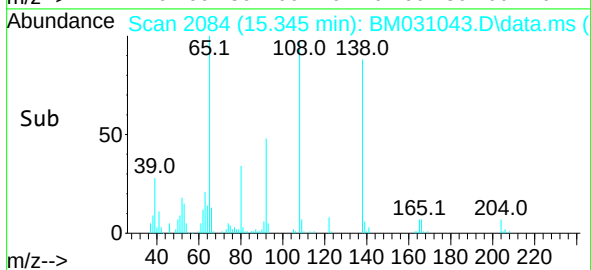
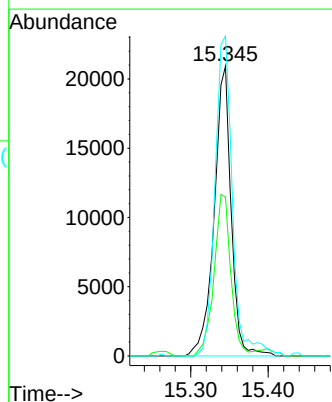
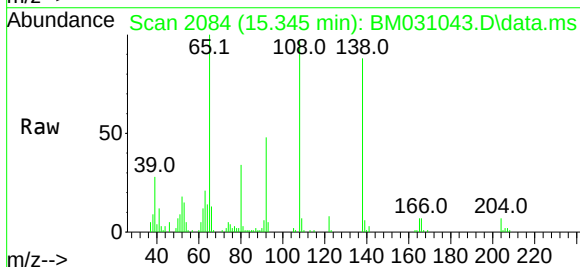
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

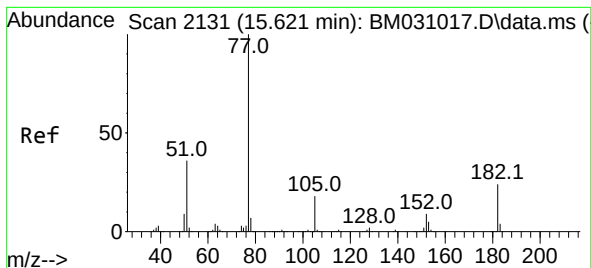
Tgt Ion:204 Resp: 75307
Ion Ratio Lower Upper
204 100
206 33.6 25.5 38.3
141 65.6 40.3 60.5#



#62
4-Nitroaniline
Concen: 7.129 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:138 Resp: 31880
Ion Ratio Lower Upper
138 100
92 54.9 33.4 73.4
108 110.4 75.5 115.5





#63

Azobenzene

Concen: 7.724 ng

RT: 15.615 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion: 77 Resp: 147634

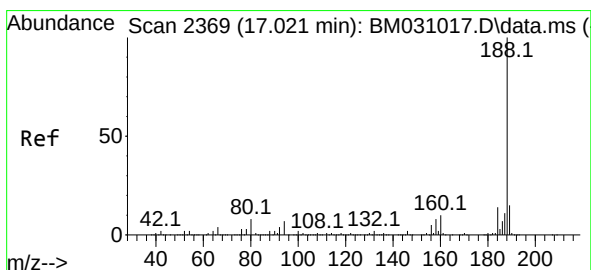
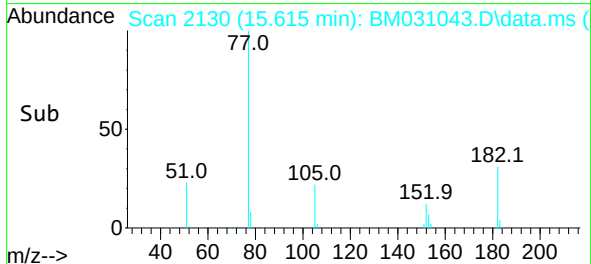
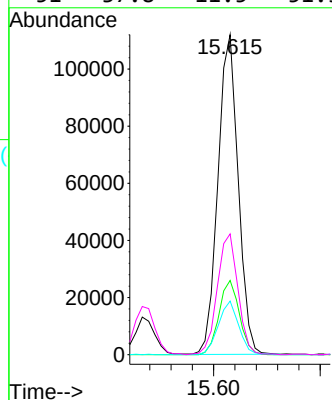
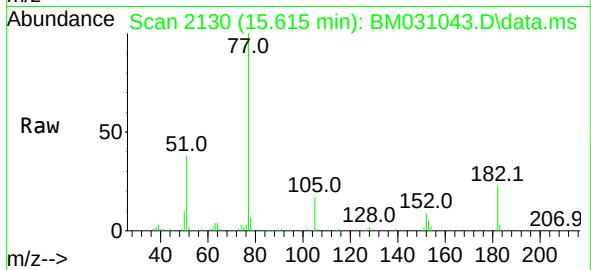
Ion Ratio Lower Upper

77 100

182 23.2 6.8 46.8

105 16.8 0.0 36.6

51 37.8 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.015 min Scan# 2368

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

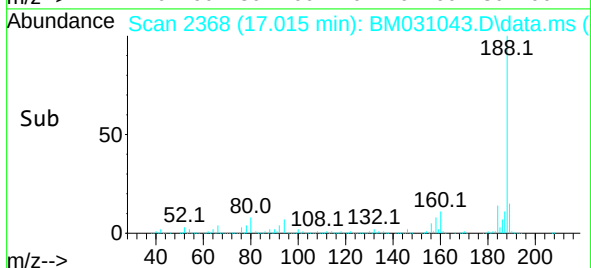
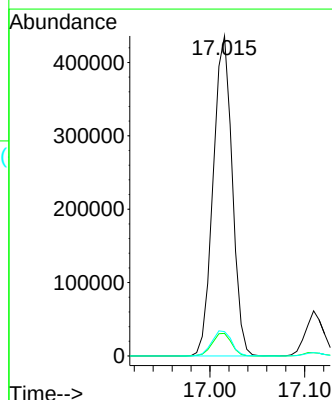
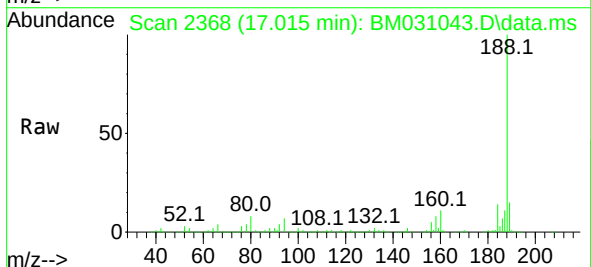
Tgt Ion: 188 Resp: 608294

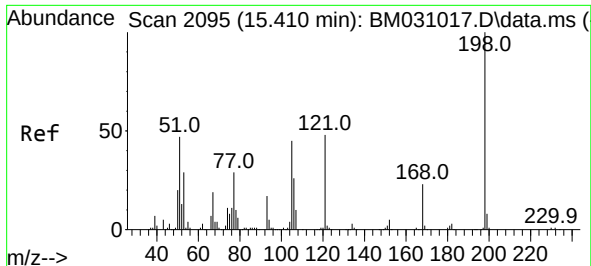
Ion Ratio Lower Upper

188 100

94 7.0 6.0 9.0

80 7.6 6.6 9.8

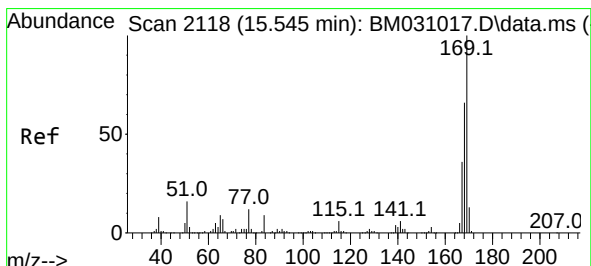
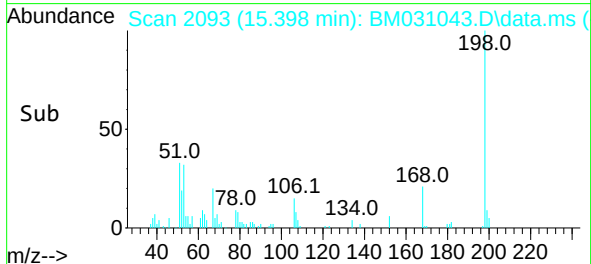
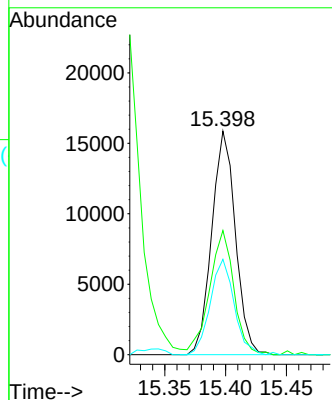
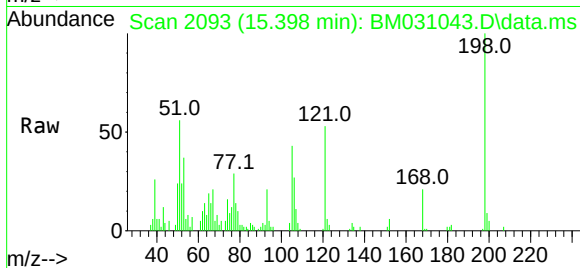




#65
4,6-Dinitro-2-methylphenol
Concen: 5.625 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

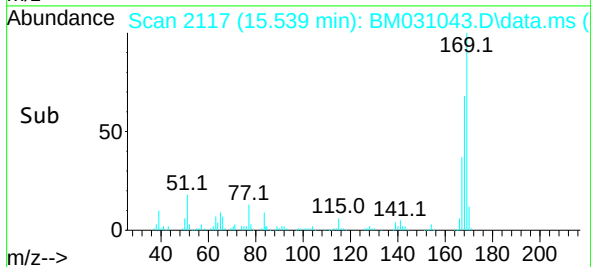
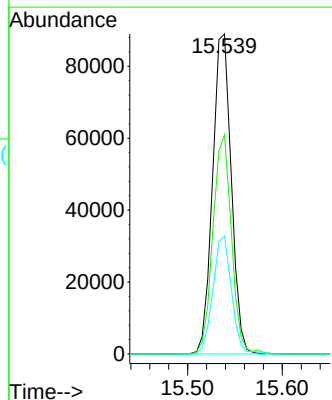
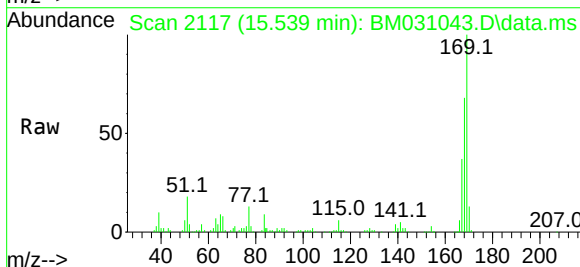
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

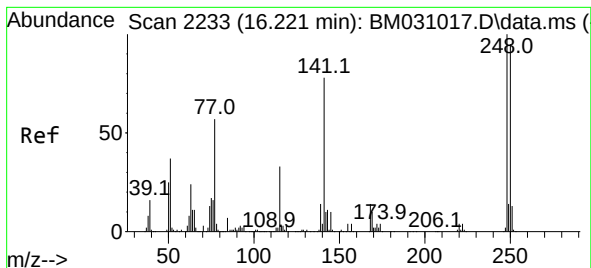
Tgt Ion	Ratio	Lower	Upper
198	100		
51	55.6	18.9	58.9
105	42.7	17.6	57.6



#66
n-Nitrosodiphenylamine
Concen: 6.823 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.2	81.2
167	36.8	29.0	43.6

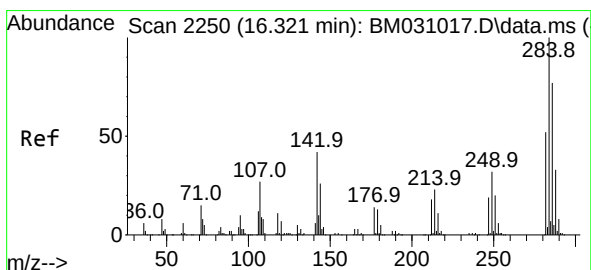
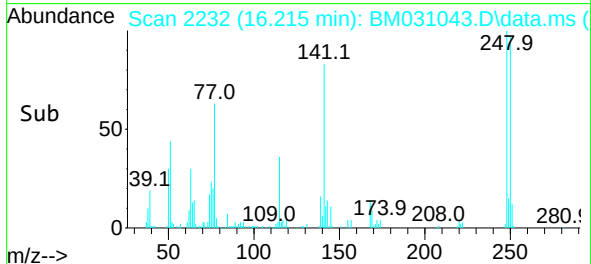
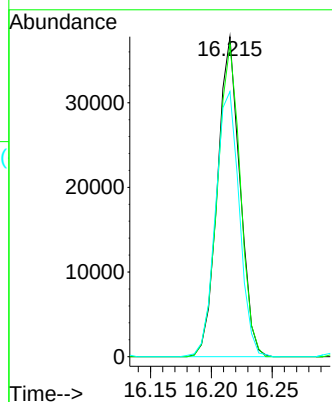
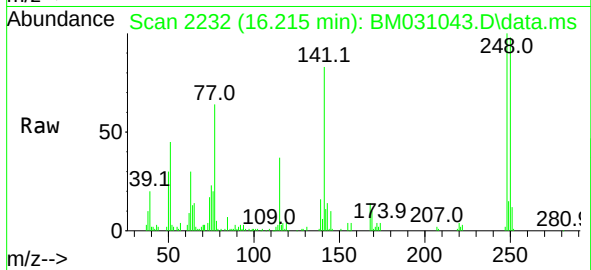




#67
4-Bromophenyl-phenylether
Concen: 7.687 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

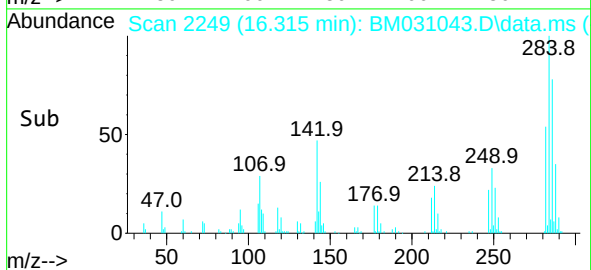
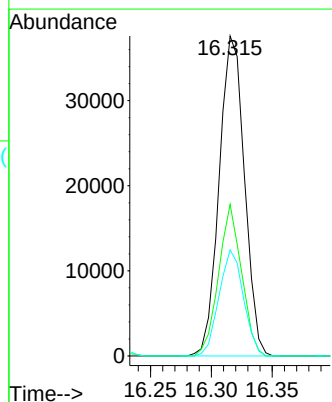
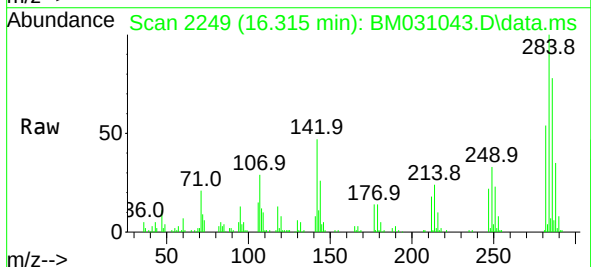
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

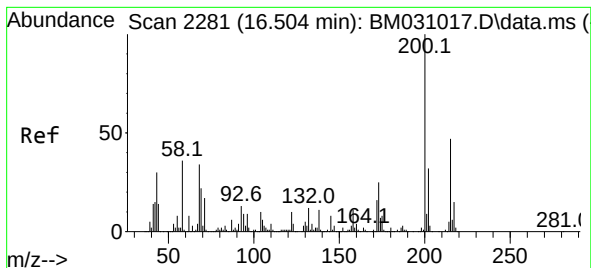
Tgt Ion:248 Resp: 48383
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 82.9 56.2 84.2



#68
Hexachlorobenzene
Concen: 7.639 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:284 Resp: 54178
Ion Ratio Lower Upper
284 100
142 47.4 29.0 43.4#
249 33.2 26.0 39.0





#69

Atrazine

Concen: 7.670 ng

RT: 16.492 min Scan# 2279

Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

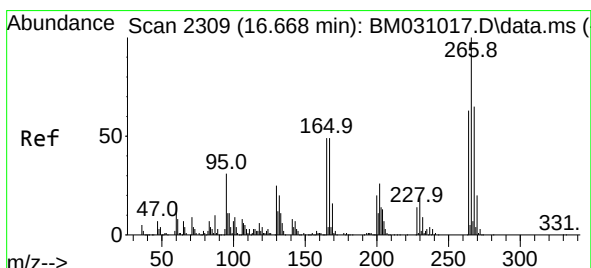
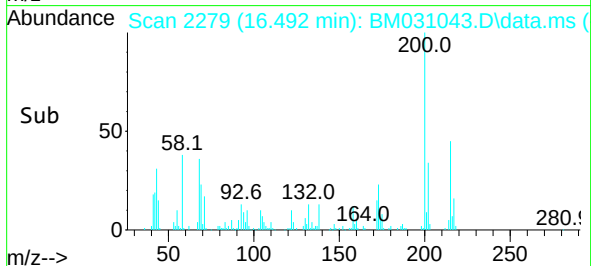
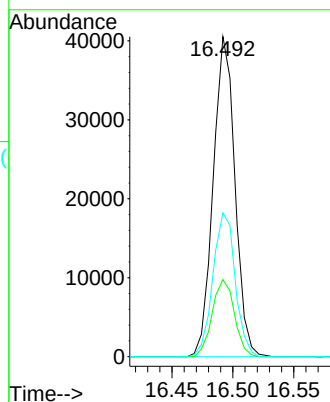
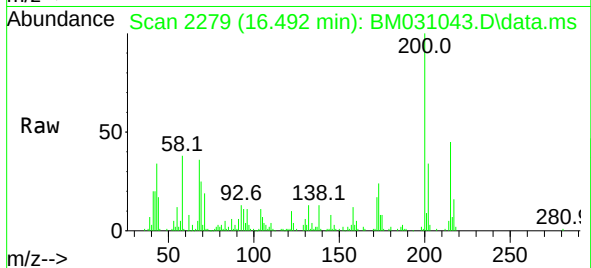
Tgt Ion:	200	Resp:	50347
Ion Ratio	Lower	Upper	
200	100		
173	24.1	3.8	43.8
215	45.0	24.8	64.8

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#70

Pentachlorophenol

Concen: 6.615 ng

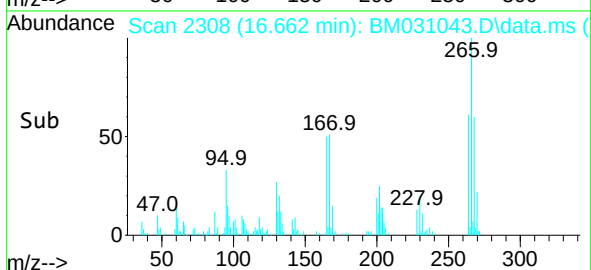
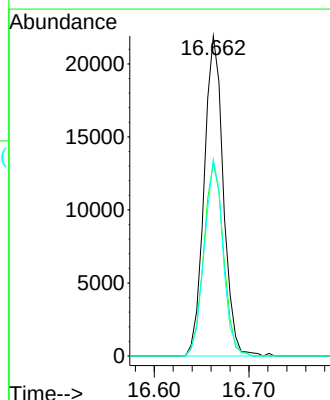
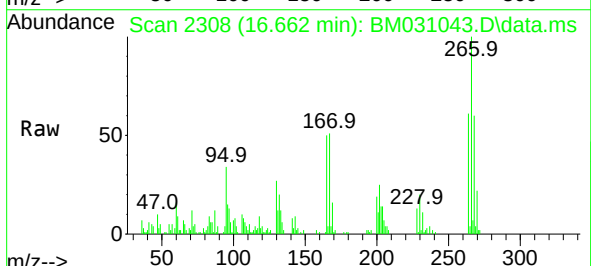
RT: 16.662 min Scan# 2308

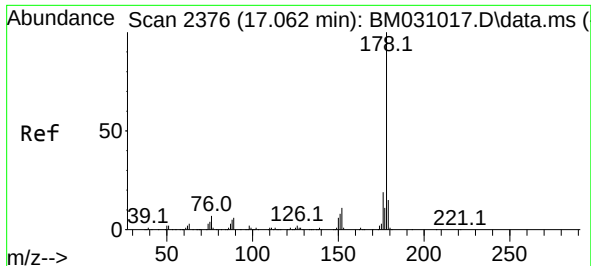
Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:	266	Resp:	30673
Ion Ratio	Lower	Upper	
266	100		
268	60.4	52.8	79.2
264	61.4	51.9	77.9

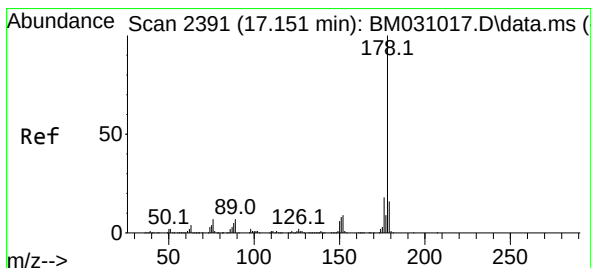
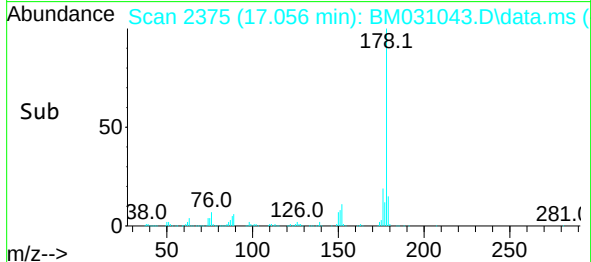
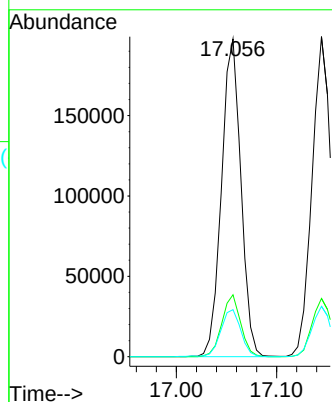
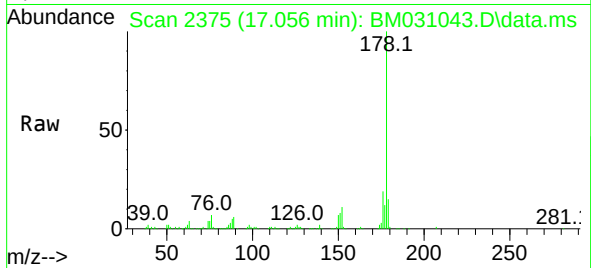




#71
Phenanthrene
Concen: 7.869 ng
RT: 17.056 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

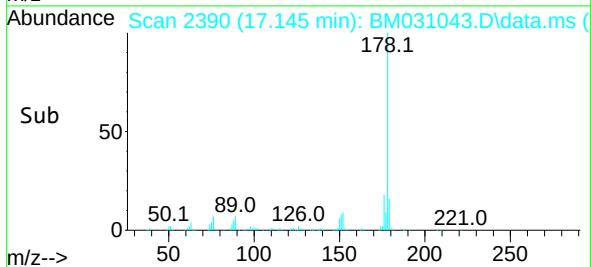
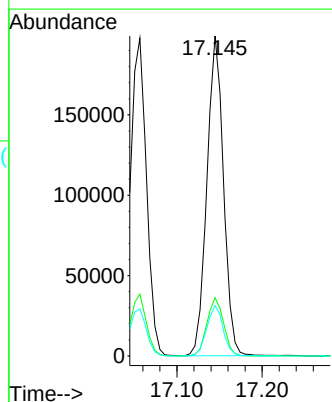
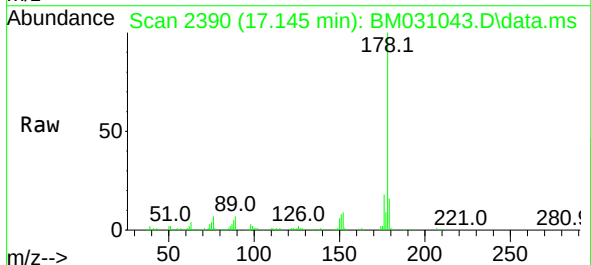
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

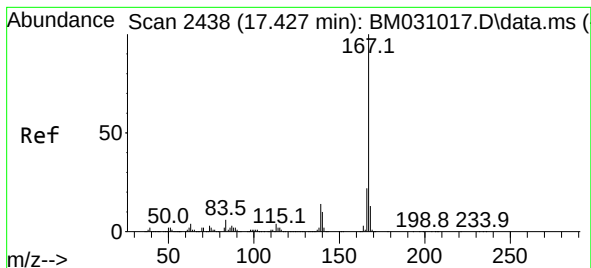
Tgt Ion:178 Resp: 265075
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 14.8 12.2 18.4



#72
Anthracene
Concen: 8.092 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:178 Resp: 268799
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.4
179 15.8 12.5 18.7





#73

Carbazole

Concen: 7.163 ng

RT: 17.415 min Scan# 2436

Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

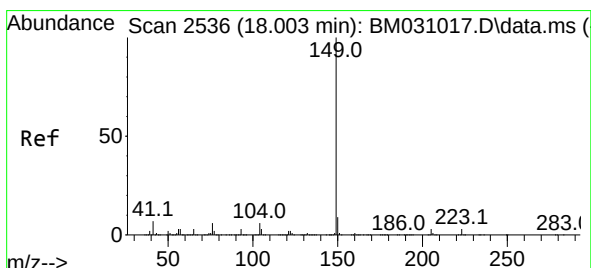
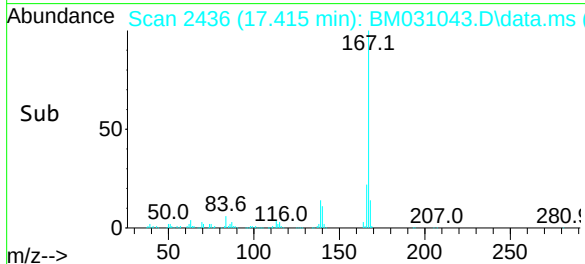
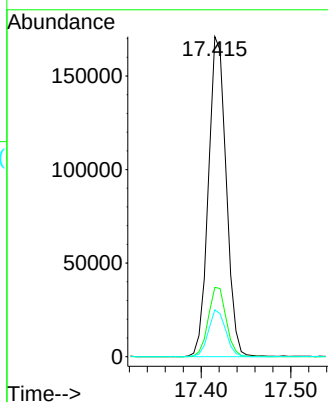
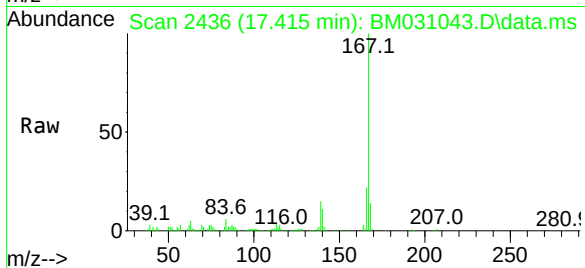
Tgt Ion:167 Resp: 235541

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.0

139 14.6 9.8 14.6



#74

Di-n-butylphthalate

Concen: 8.638 ng

RT: 17.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

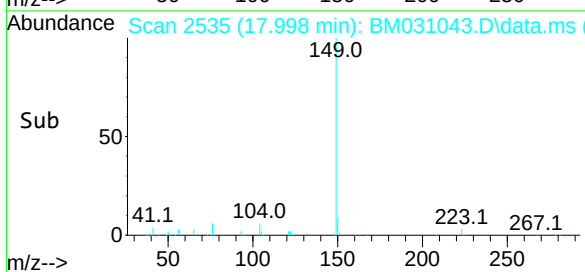
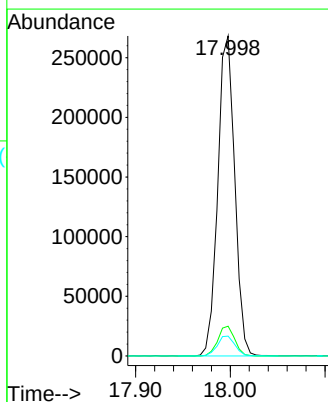
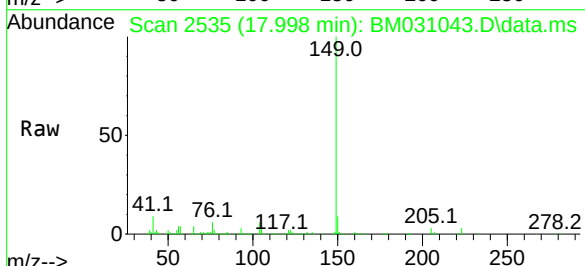
Tgt Ion:149 Resp: 333651

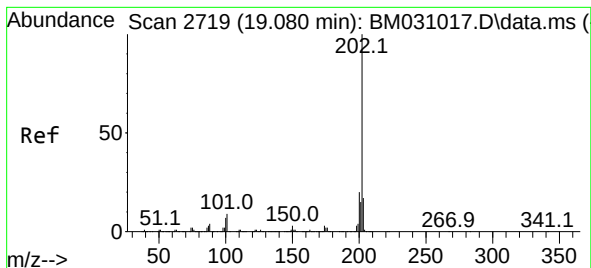
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 6.2 4.3 6.5

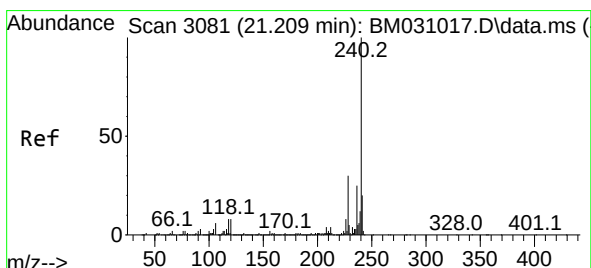
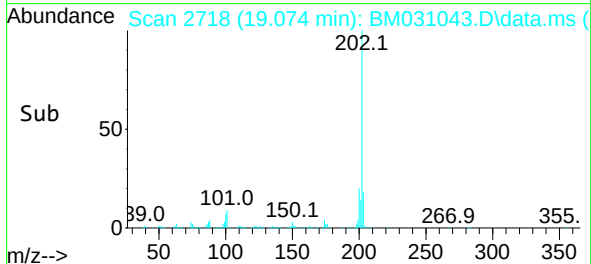
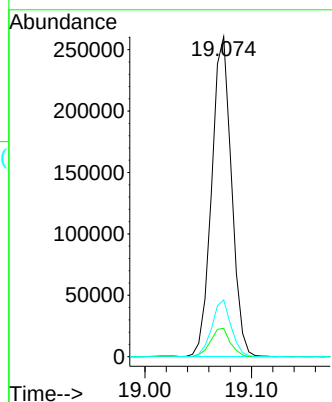
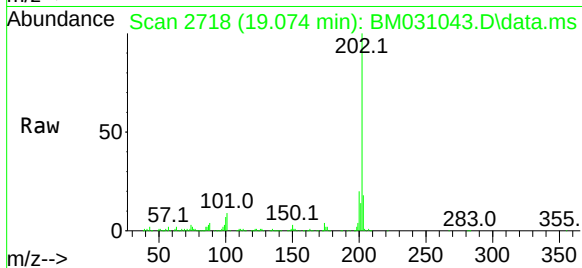




#75
Fluoranthene
Concen: 7.948 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

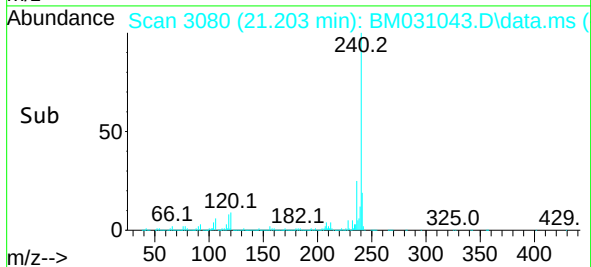
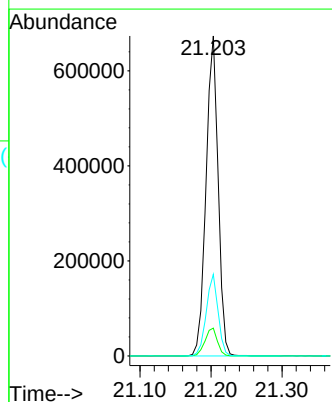
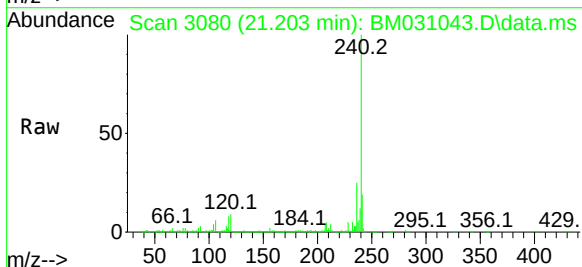
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

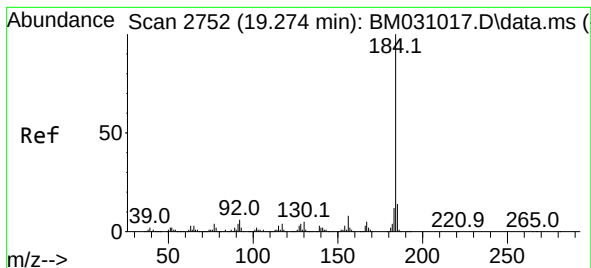
Tgt Ion:202 Resp: 335046
Ion Ratio Lower Upper
202 100
101 8.8 0.0 28.6
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:240 Resp: 798297
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.5 21.0 31.4





#77

Benzidine

Concen: 8.379 ng

RT: 19.268 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

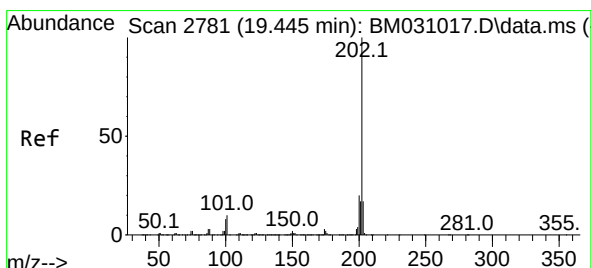
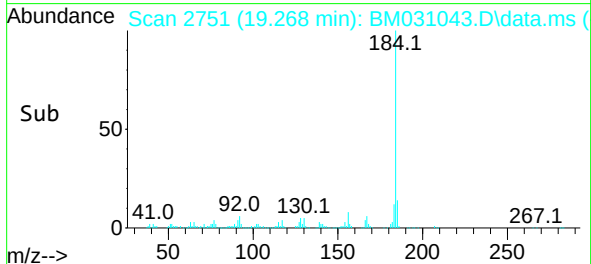
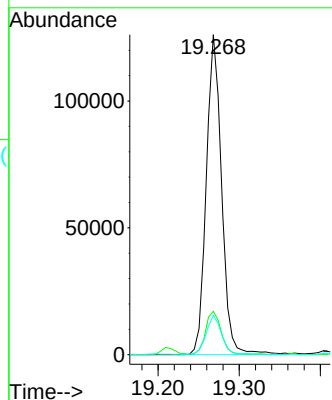
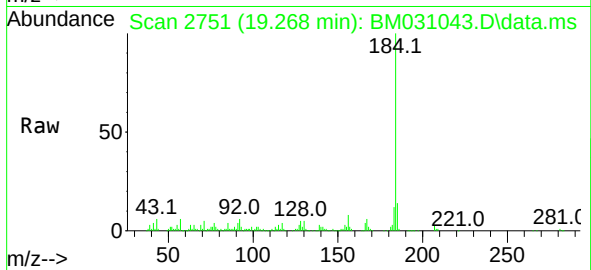
Tgt Ion:184 Resp: 165142

Ion Ratio Lower Upper

184 100

185 13.5 10.9 16.3

183 12.3 9.8 14.8



#78

Pyrene

Concen: 7.079 ng

RT: 19.439 min Scan# 2780

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

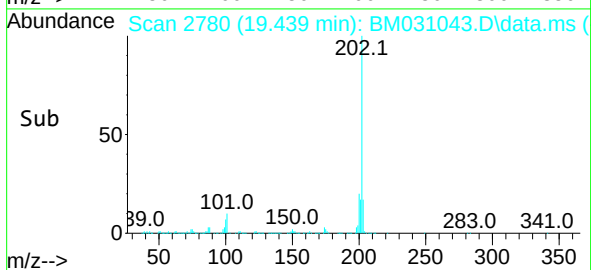
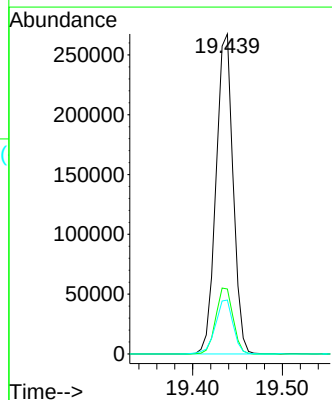
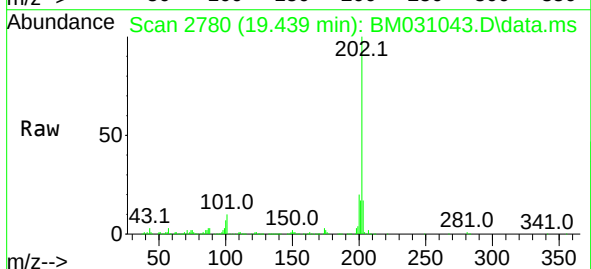
Tgt Ion:202 Resp: 352871

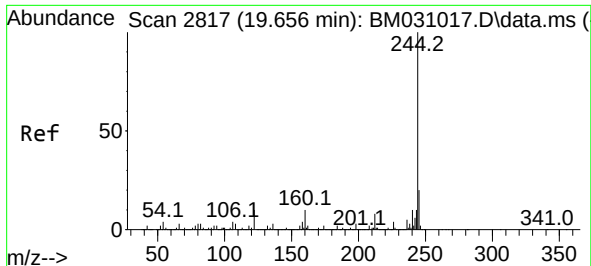
Ion Ratio Lower Upper

202 100

200 20.3 17.3 25.9

203 16.9 13.9 20.9



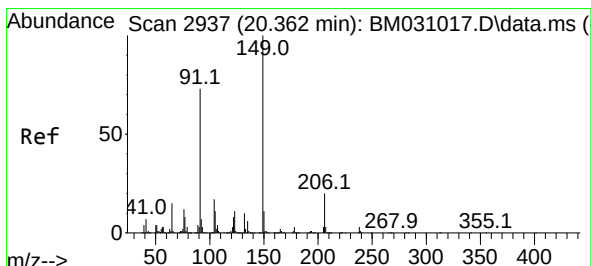
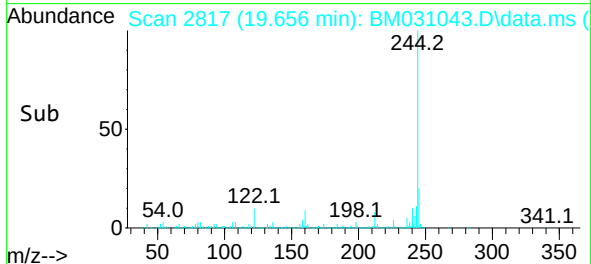
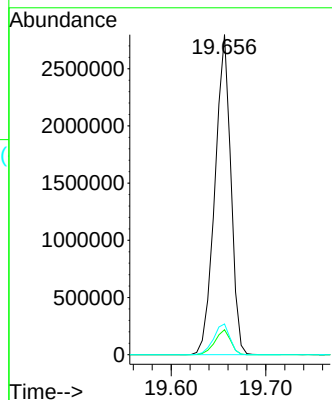
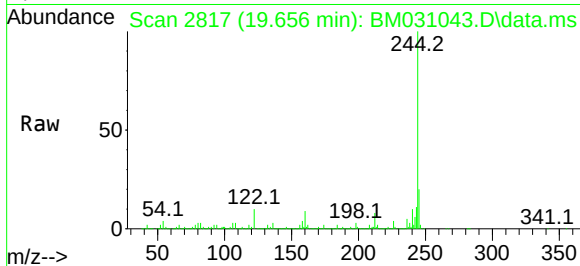


#79
 Terphenyl-d14
 Concen: 80.964 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. -0.000 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Tgt Ion:244 Resp: 3266713

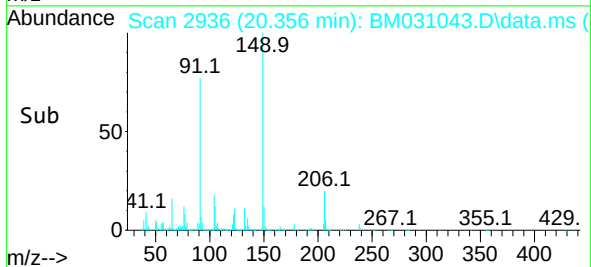
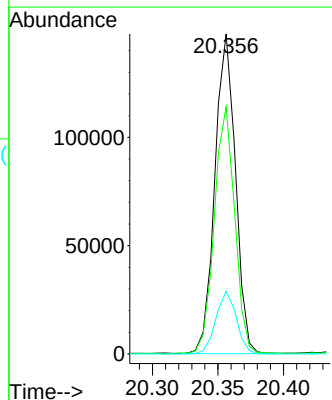
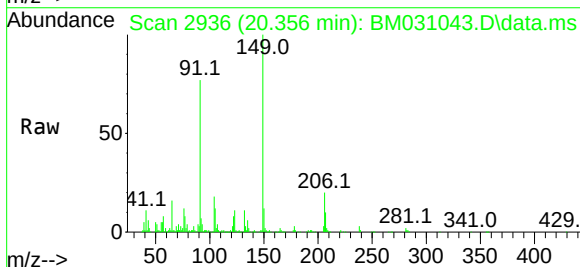
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	9.6	6.9	10.3

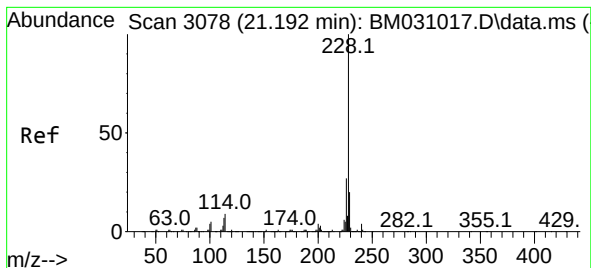


#80
 Butylbenzylphthalate
 Concen: 7.545 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031043.D
 Acq: 21 Jul 2021 13:50

Tgt Ion:149 Resp: 160605

Ion	Ratio	Lower	Upper
149	100		
91	77.3	57.4	86.0
206	19.6	16.6	25.0





#81

Benzo(a)anthracene

Concen: 7.257 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

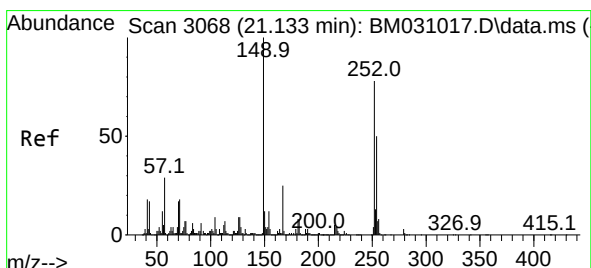
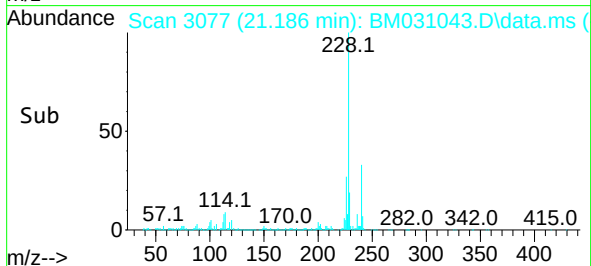
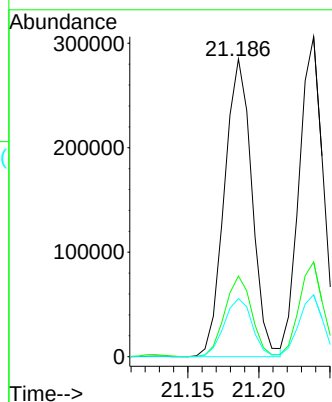
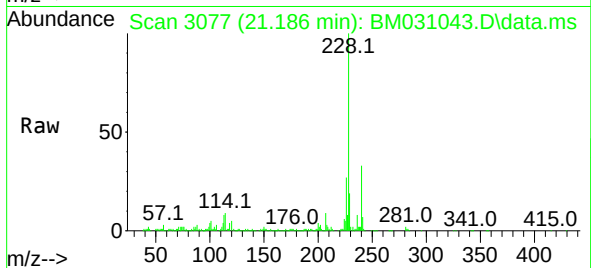
Tgt Ion:228 Resp: 383959

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.5 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 9.666 ng

RT: 21.127 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

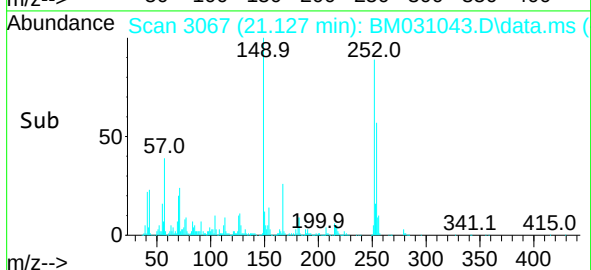
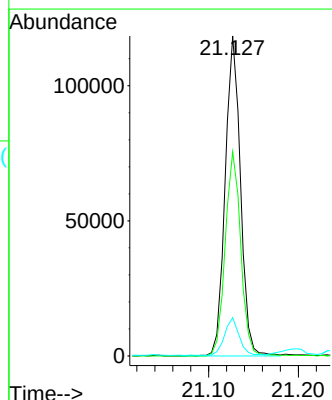
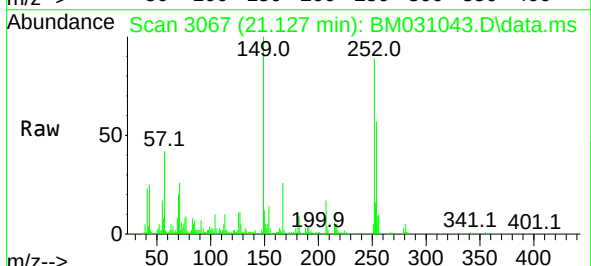
Tgt Ion:252 Resp: 140180

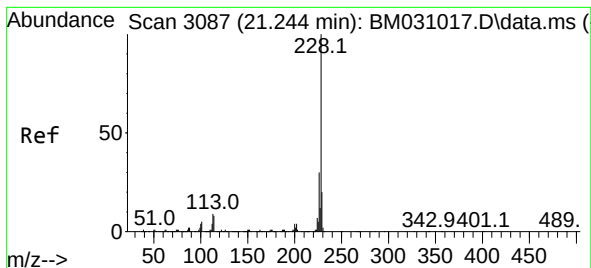
Ion Ratio Lower Upper

252 100

254 63.8 51.5 77.3

126 11.9 8.6 13.0





#83

Chrysene

Concen: 7.002 ng

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

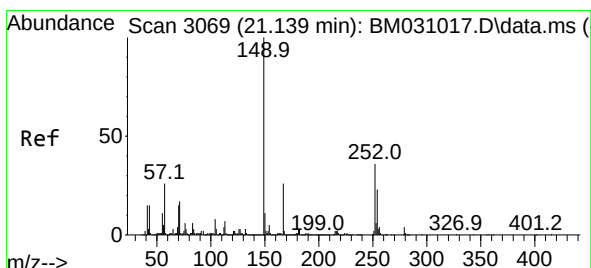
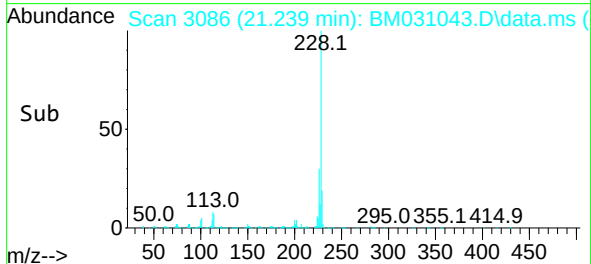
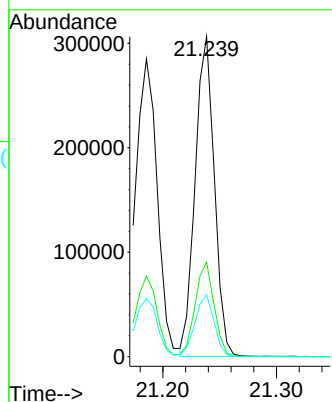
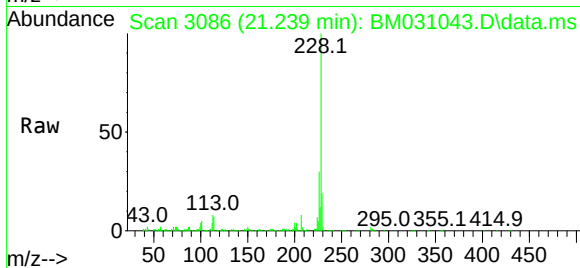
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021

Tgt Ion:228	Resp: 359877
Ion Ratio	Lower Upper
228 100	
226 29.6	24.6 36.8
229 19.4	15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.743 ng

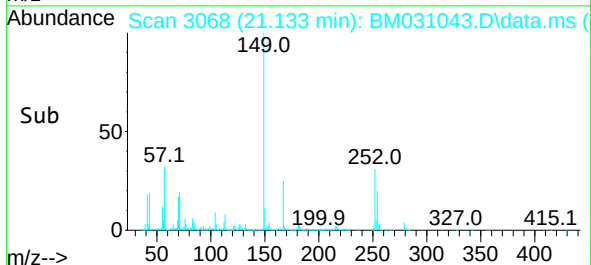
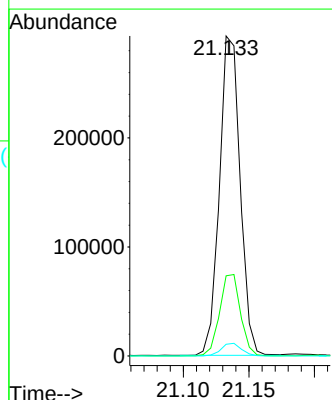
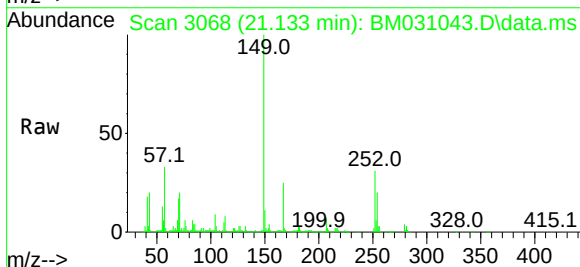
RT: 21.133 min Scan# 3068

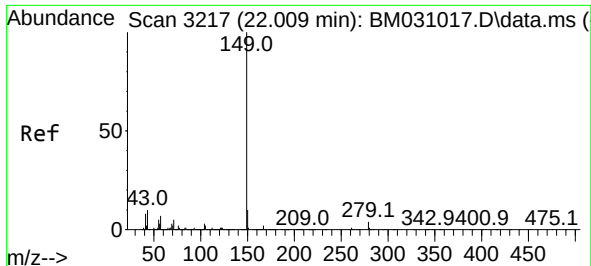
Delta R.T. -0.006 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:149	Resp: 321300
Ion Ratio	Lower Upper
149 100	
167 25.1	22.6 33.8
279 3.7	3.8 5.8#

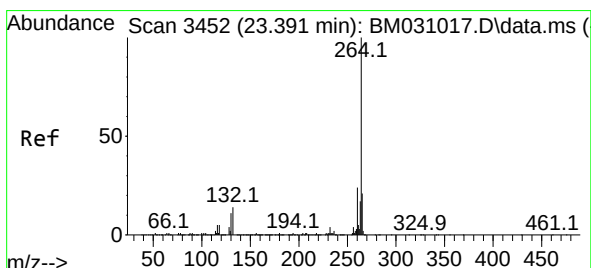
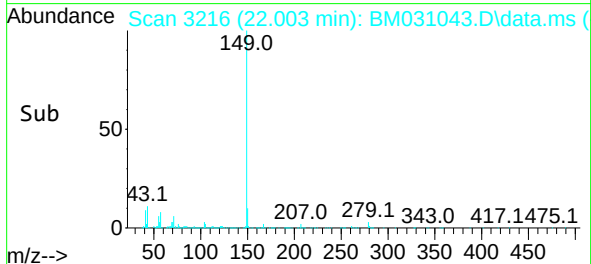
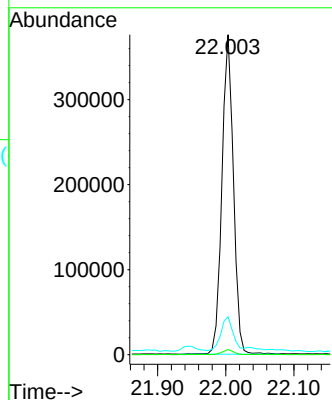
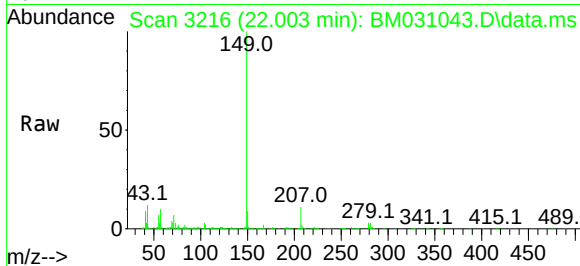




#85
Di-n-octyl phthalate
Concen: 7.810 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

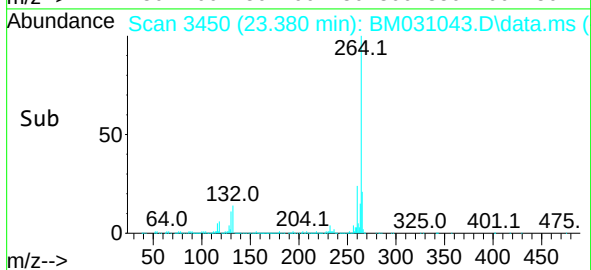
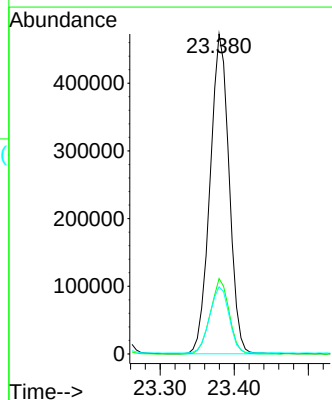
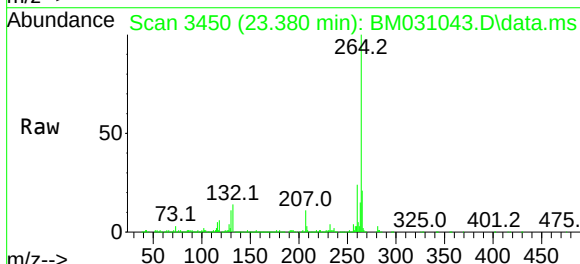
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

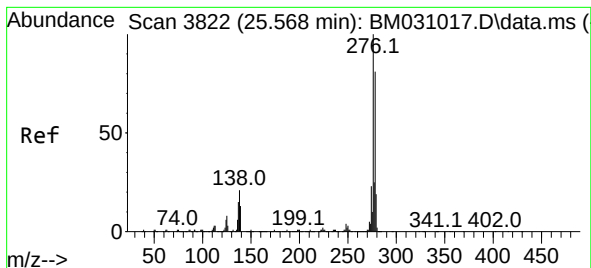
Tgt Ion:149 Resp: 440996
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:264 Resp: 843079
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.8
265 21.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.115 ng

RT: 25.544 min Scan# 3818

Delta R.T. -0.024 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:276 Resp: 428640

Ion Ratio Lower Upper

276 100

138 22.3 17.1 25.7

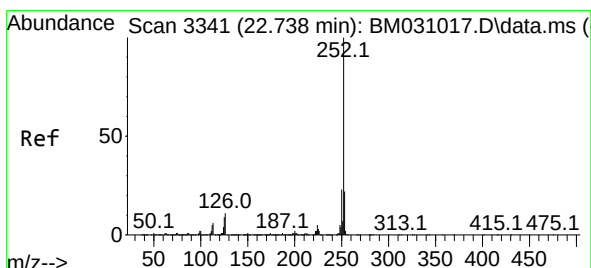
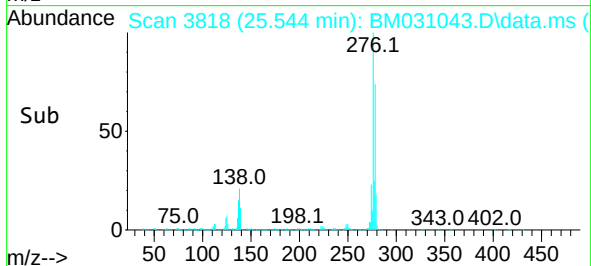
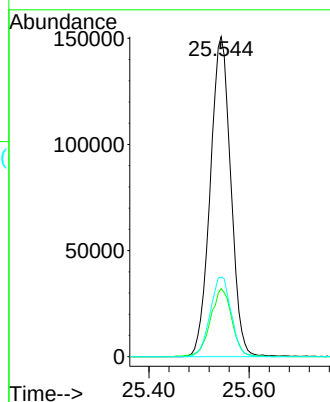
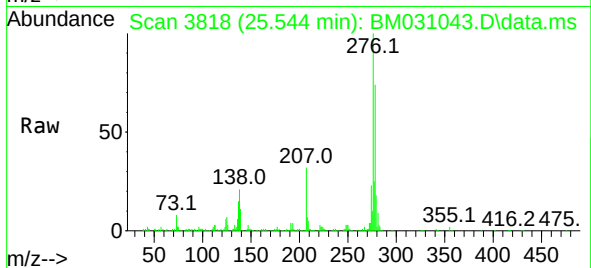
277 25.6 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

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#88

Benzo(b)fluoranthene

Concen: 7.273 ng

RT: 22.727 min Scan# 3339

Delta R.T. -0.012 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

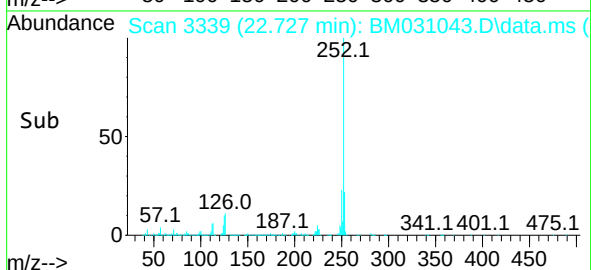
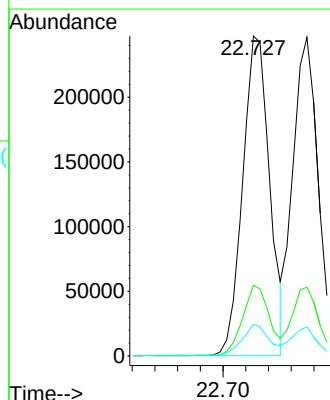
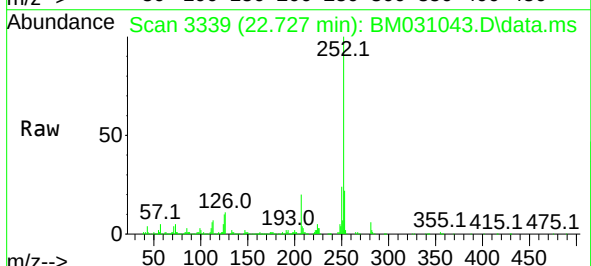
Tgt Ion:252 Resp: 406284

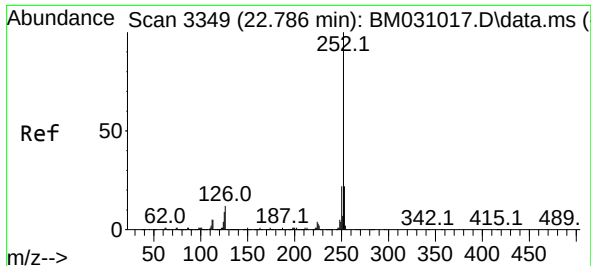
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

125 9.9 6.8 10.2

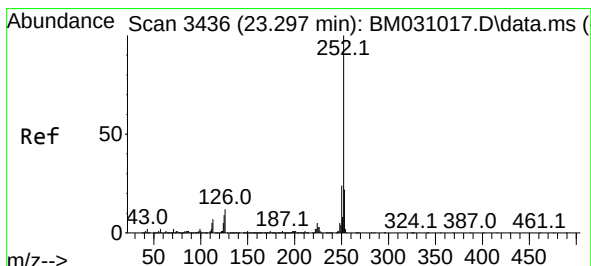
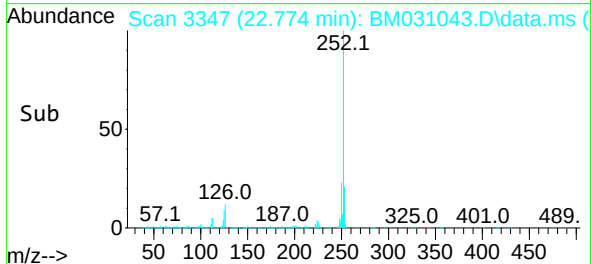
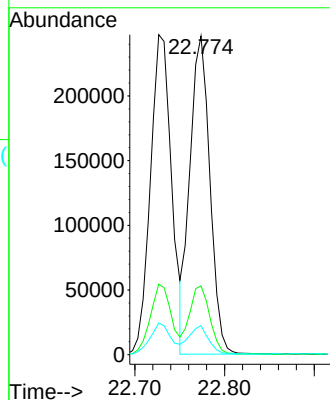
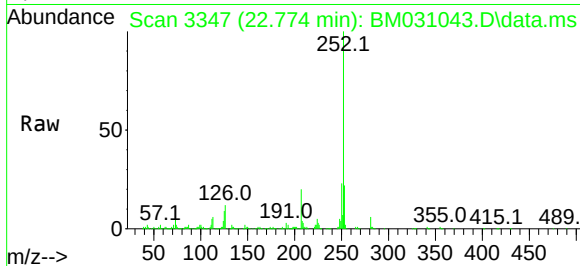




#89
Benzo(k)fluoranthene
Concen: 7.305 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

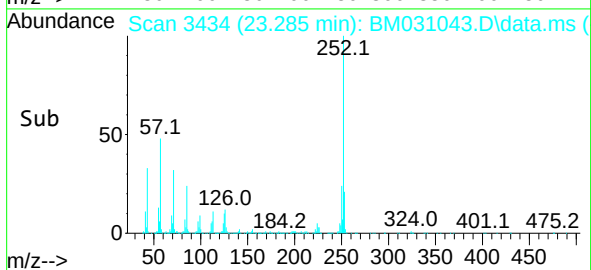
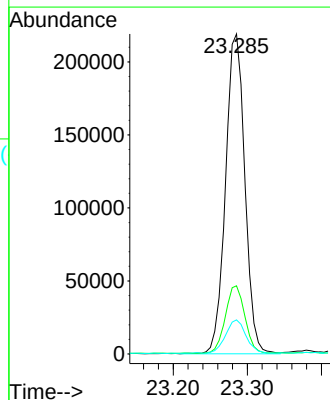
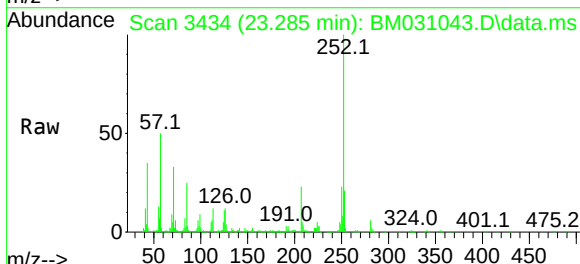
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

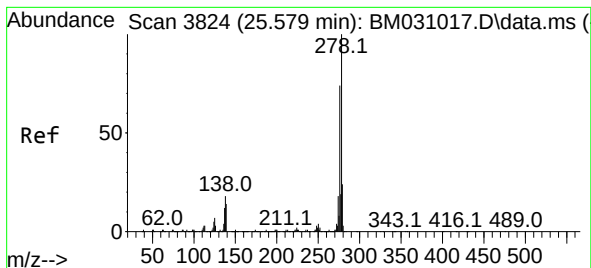
Tgt Ion:252 Resp: 381651
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.1 6.2 9.2



#90
Benzo(a)pyrene
Concen: 7.863 ng
RT: 23.285 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031043.D
Acq: 21 Jul 2021 13:50

Tgt Ion:252 Resp: 395446
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 10.7 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 7.019 ng

RT: 25.556 min Scan# 3820

Delta R.T. -0.024 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:278 Resp: 366031

Ion Ratio Lower Upper

278 100

139 13.9 11.0 16.4

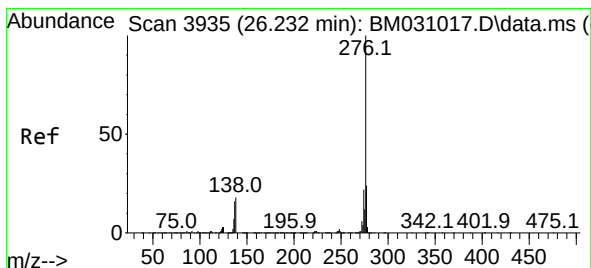
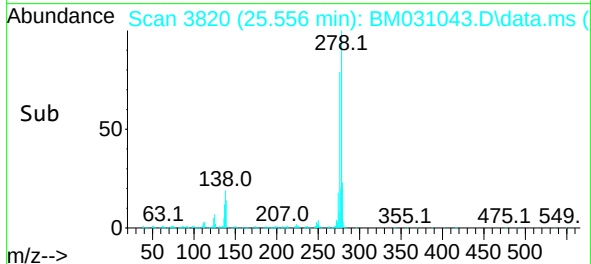
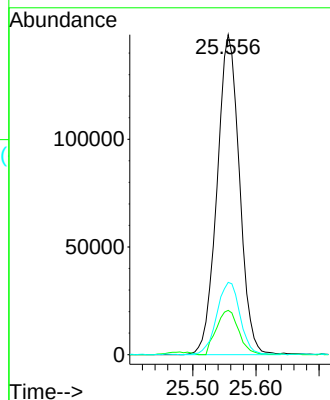
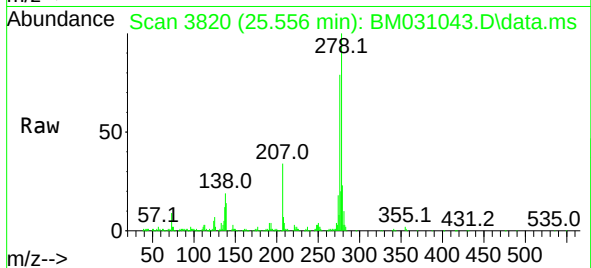
279 22.6 18.7 28.1

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#92

Benzo(g,h,i)perylene

Concen: 7.242 ng

RT: 26.203 min Scan# 3930

Delta R.T. -0.029 min

Lab File: BM031043.D

Acq: 21 Jul 2021 13:50

Tgt Ion:276 Resp: 359829

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.2

138 19.0 14.4 21.6

