

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031028.D
 Acq On : 20 Jul 2021 18:23
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Jul 21 01:39:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	64547	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	271848	20.00	ng	# 0.00
39) Acenaphthene-d10	14.269	164	202908	20.00	ng	0.00
64) Phenanthrene-d10	17.015	188	478266	20.00	ng	0.00
76) Chrysene-d12	21.203	240	612337	20.00	ng	0.00
86) Perylene-d12	23.380	264	698911	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	454453	126.43	ng	0.00
7) Phenol-d6	6.822	99	655432	125.78	ng	0.00
23) Nitrobenzene-d5	8.787	82	489826	90.47	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	367817	138.82	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1179253	86.71	ng	0.00
79) Terphenyl-d14	19.656	244	2690081	86.92	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	12978	8.99	ng	# 92
3) Pyridine	3.628	79	27928	6.84	ng	# 84
4) n-Nitrosodimethylamine	3.546	42	18358	7.90	ng	# 79
6) Aniline	6.981	93	47818	8.55	ng	97
8) 2-Chlorophenol	7.204	128	32817	7.76	ng	98
9) Benzaldehyde	6.793	77	31510	10.15	ng	98
10) Phenol	6.846	94	38634	7.65	ng	85
11) bis(2-Chloroethyl)ether	7.081	93	29056	7.77	ng	95
12) 1,3-Dichlorobenzene	7.528	146	36195	7.87	ng	# 93
13) 1,4-Dichlorobenzene	7.675	146	36334	7.76	ng	94
14) 1,2-Dichlorobenzene	7.987	146	35534	7.77	ng	96
15) Benzyl Alcohol	7.881	79	33459	7.63	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.169	45	37218	7.96	ng	97
17) 2-Methylphenol	8.075	107	27226	7.71	ng	92
18) Hexachloroethane	8.704	117	14055	7.78	ng	95
19) n-Nitroso-di-n-propyla...	8.440	70	27197	7.39	ng	99
20) 3+4-Methylphenols	8.398	107	36181	7.24	ng	96
22) Acetophenone	8.451	105	55879	8.30	ng	# 93
24) Nitrobenzene	8.828	77	46094	8.43	ng	97
25) Isophorone	9.351	82	72147	7.45	ng	98
26) 2-Nitrophenol	9.528	139	16886	7.34	ng	# 89
27) 2,4-Dimethylphenol	9.592	122	31745	8.75	ng	94
28) bis(2-Chloroethoxy)met...	9.834	93	41728	8.55	ng	96
29) 2,4-Dichlorophenol	10.057	162	31820	7.42	ng	97
30) 1,2,4-Trichlorobenzene	10.269	180	36730	7.80	ng	94
31) Naphthalene	10.451	128	110689	7.91	ng	99
32) Benzoic acid	9.663	122	15989	5.17	ng	93
33) 4-Chloroaniline	10.569	127	49082	8.13	ng	96
34) Hexachlorobutadiene	10.739	225	23365	7.72	ng	91
35) Caprolactam	11.345	113	10828	7.51	ng	95
36) 4-Chloro-3-methylphenol	11.692	107	36800	7.52	ng	97
37) 2-Methylnaphthalene	12.069	142	82033	7.61	ng	# 95
38) 1-Methylnaphthalene	12.069	142	82033	7.99	ng	96
40) 1,2,4,5-Tetrachloroben...	12.439	216	43984	7.78	ng	# 96
41) Hexachlorocyclopentadiene	12.422	237	30228	9.61	ng	98
43) 2,4,6-Trichlorophenol	12.686	196	27514	6.93	ng	97

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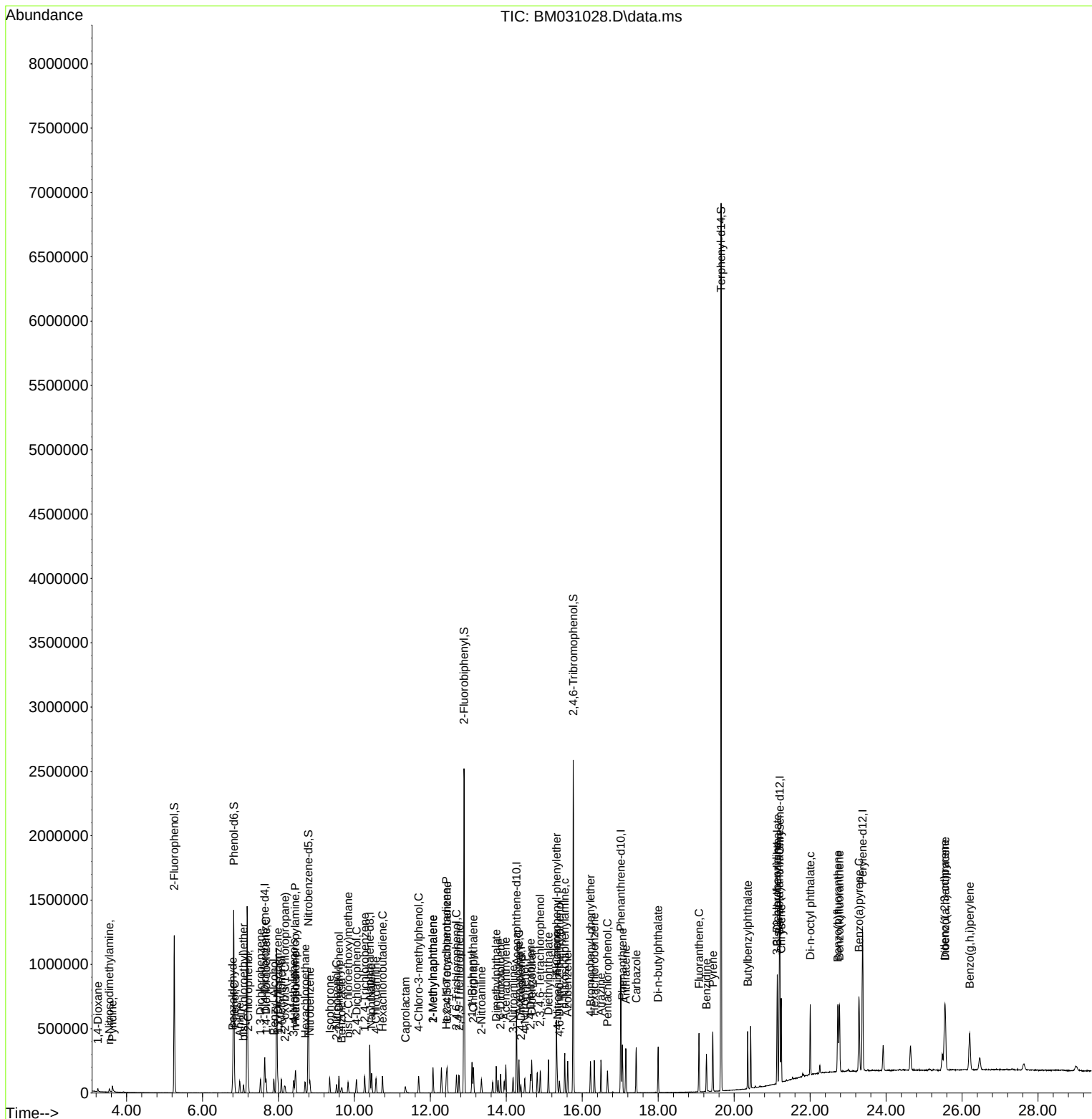
Instrument :
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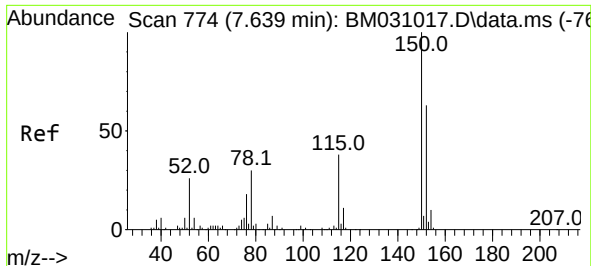
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
44) 2,4,5-Trichlorophenol	12.757	196	32317	7.35	ng	#	94
46) 1,1'-Biphenyl	13.098	154	113332	7.88	ng		97
47) 2-Chloronaphthalene	13.133	162	87108	7.73	ng	#	93
48) 2-Nitroaniline	13.345	65	26405	7.35	ng		94
49) Acenaphthylene	13.986	152	138071	7.67	ng		99
50) Dimethylphthalate	13.733	163	117553	7.72	ng		99
51) 2,6-Dinitrotoluene	13.851	165	24305	7.13	ng	#	77
52) Acenaphthene	14.333	154	84534	7.46	ng		98
53) 3-Nitroaniline	14.180	138	24766	7.19	ng		99
54) 2,4-Dinitrophenol	14.386	184	12539	6.24	ng		93
55) Dibenzofuran	14.669	168	142313	7.66	ng		93
56) 4-Nitrophenol	14.486	139	21933	7.20	ng	#	76
57) 2,4-Dinitrotoluene	14.639	165	33854	7.13	ng	#	83
58) Fluorene	15.321	166	115907	7.39	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.892	232	28931	7.06	ng	#	91
60) Diethylphthalate	15.110	149	127645	7.82	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	60354	7.77	ng	#	89
62) 4-Nitroaniline	15.345	138	27409	7.21	ng	#	82
63) Azobenzene	15.616	77	124646	7.67	ng		90
65) 4,6-Dinitro-2-methylph...	15.398	198	18037	6.01	ng		82
66) n-Nitrosodiphenylamine	15.539	169	103740	7.38	ng		98
67) 4-Bromophenyl-phenylether	16.215	248	37269	7.53	ng		90
68) Hexachlorobenzene	16.316	284	42449	7.61	ng	#	90
69) Atrazine	16.492	200	41953	8.13	ng		97
70) Pentachlorophenol	16.663	266	25027	6.87	ng		98
71) Phenanthrene	17.057	178	201569	7.61	ng		99
72) Anthracene	17.145	178	206431	7.90	ng		99
73) Carbazole	17.421	167	192525	7.45	ng		98
74) Di-n-butylphthalate	17.998	149	227895	7.50	ng	#	97
75) Fluoranthene	19.074	202	250509	7.56	ng		99
77) Benzidine	19.268	184	149071	9.86	ng		99
78) Pyrene	19.439	202	269058	7.04	ng		99
80) Butylbenzylphthalate	20.356	149	113879	6.98	ng		97
81) Benzo(a)anthracene	21.186	228	303736	7.48	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	111879	10.06	ng		100
83) Chrysene	21.239	228	292270	7.41	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	185647	7.34	ng		94
85) Di-n-octyl phthalate	22.003	149	327072	7.55	ng		97
87) Indeno(1,2,3-cd)pyrene	25.544	276	386029	7.73	ng		99
88) Benzo(b)fluoranthene	22.727	252	331817	7.16	ng		99
89) Benzo(k)fluoranthene	22.774	252	320762	7.41	ng		100
90) Benzo(a)pyrene	23.286	252	327421	7.85	ng		99
91) Dibenzo(a,h)anthracene	25.556	278	326109	7.54	ng		98
92) Benzo(g,h,i)perylene	26.203	276	317436	7.71	ng		99

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

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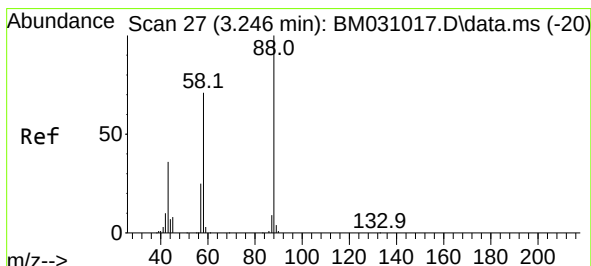
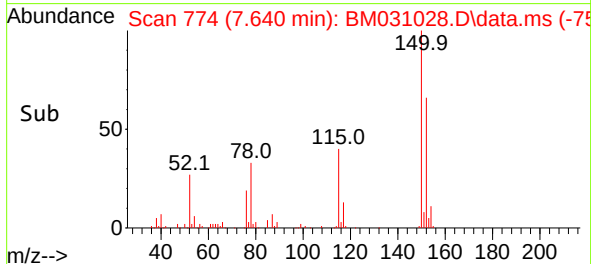
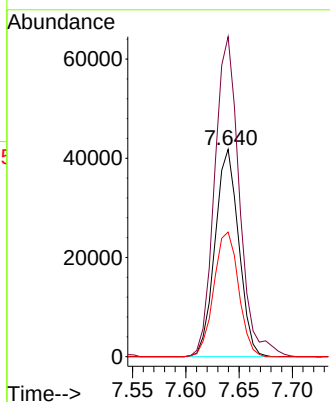
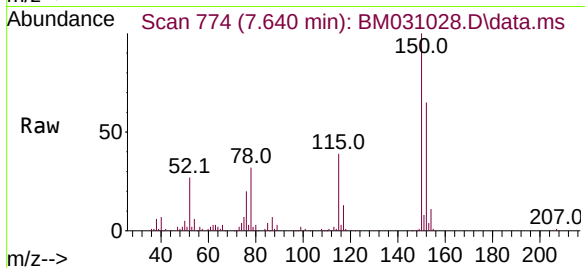




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

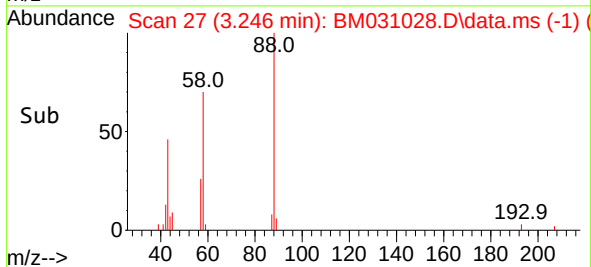
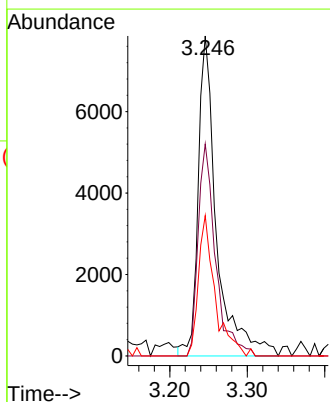
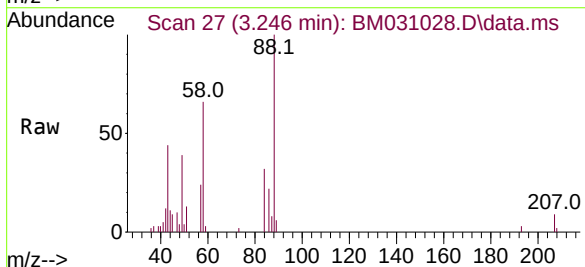
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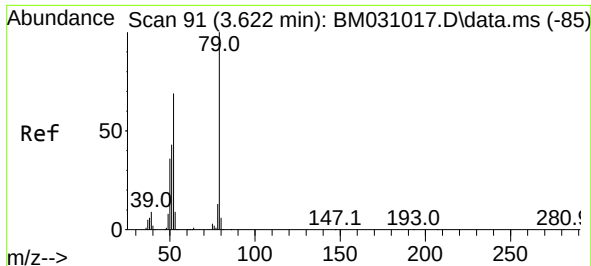
Tgt Ion:152 Resp: 64547
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.1 44.6 67.0



#2
1,4-Dioxane
Concen: 8.99 ng
RT: 3.246 min Scan# 27
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 88 Resp: 12978
Ion Ratio Lower Upper
88 100
58 62.6 53.6 80.4
43 39.7 25.8 38.6#

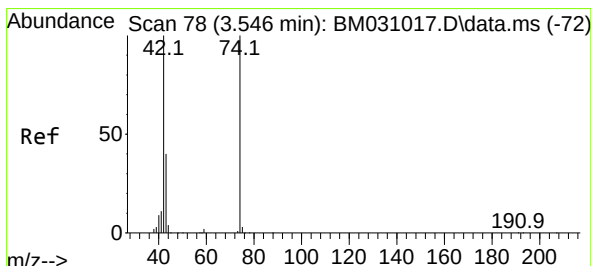
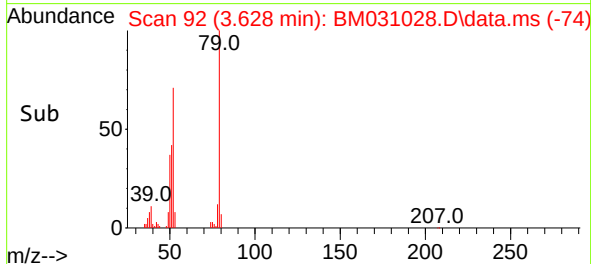
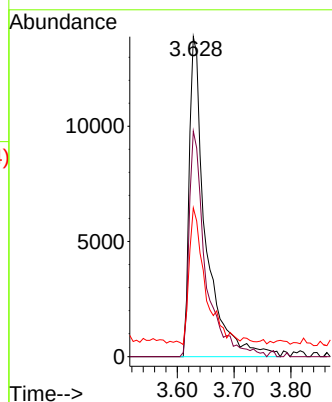
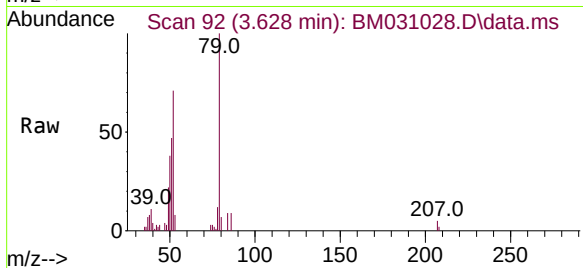




#3
Pyridine
Concen: 6.84 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

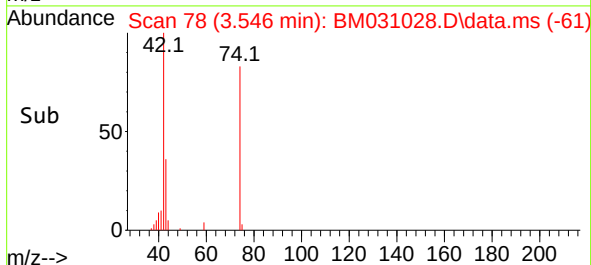
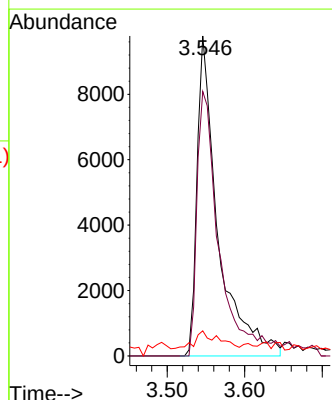
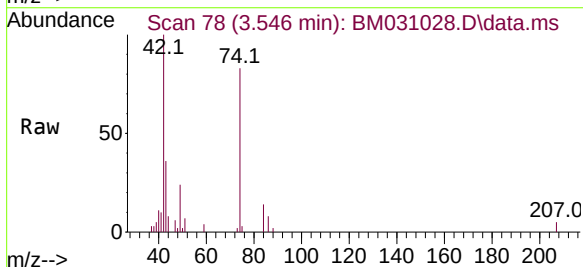
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

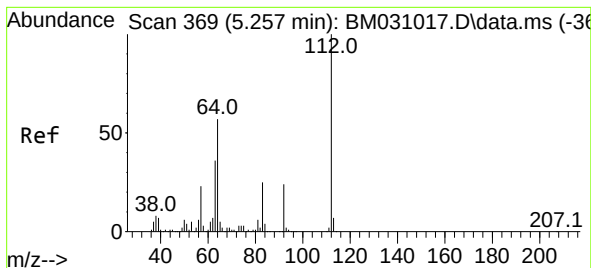
Tgt Ion: 79 Resp: 27928
Ion Ratio Lower Upper
79 100
52 70.5 48.2 72.2
51 46.5 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 7.90 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 42 Resp: 18358
Ion Ratio Lower Upper
42 100
74 82.7 84.1 126.1#
44 7.8 4.5 6.7#

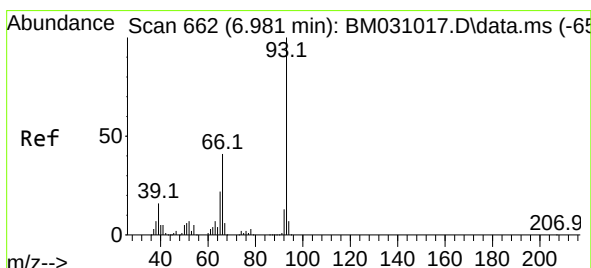
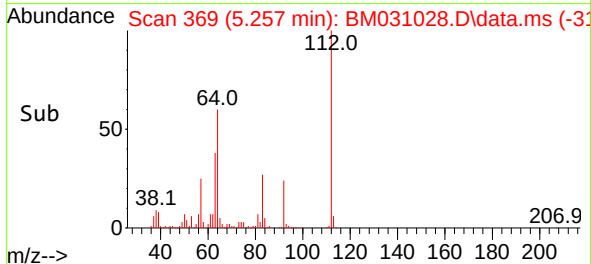
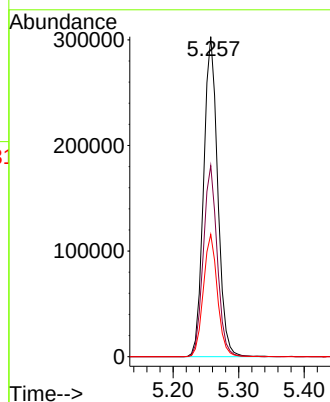
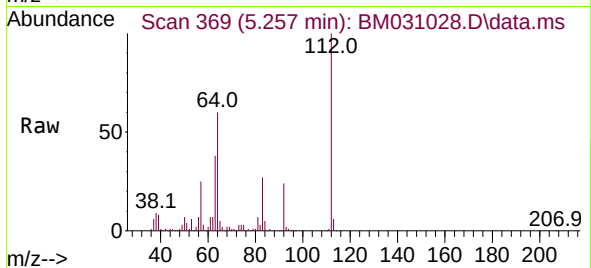




#5
2-Fluorophenol
Concen: 126.43 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

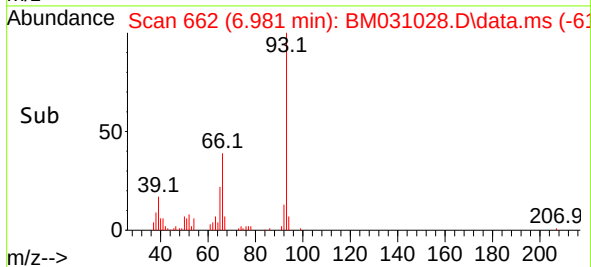
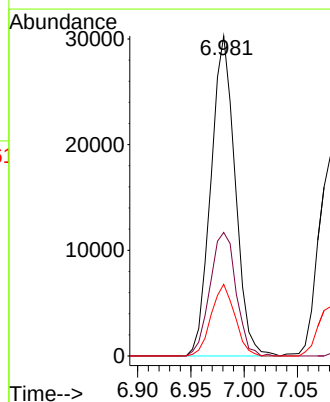
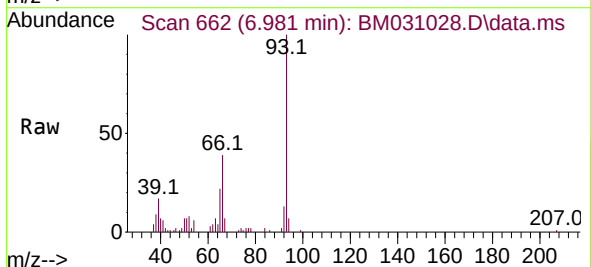
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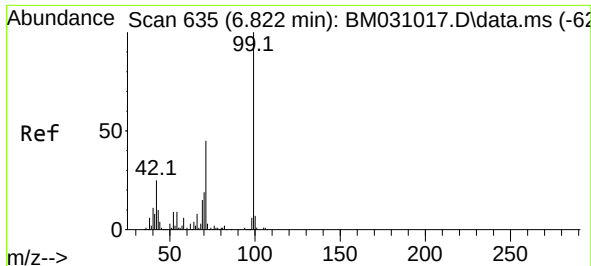
Tgt Ion:	112	Resp:	454453
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.1	70.7
63	38.2	27.3	40.9



#6
Aniline
Concen: 8.55 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	93	Resp:	47818
Ion Ratio	Lower	Upper	
93	100		
66	38.6	32.7	49.1
65	22.4	16.8	25.2

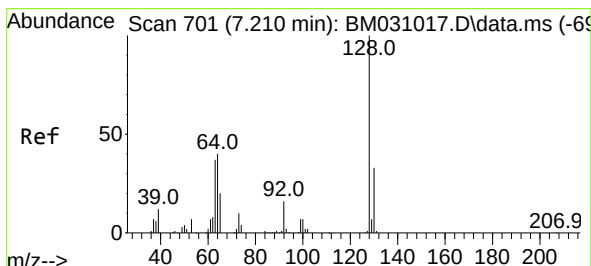
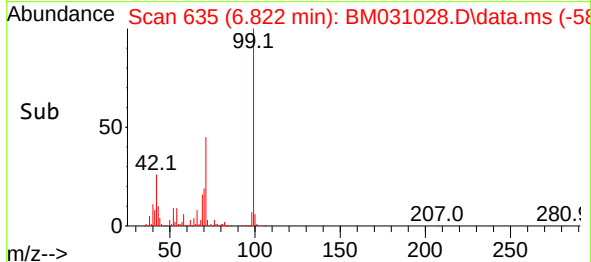
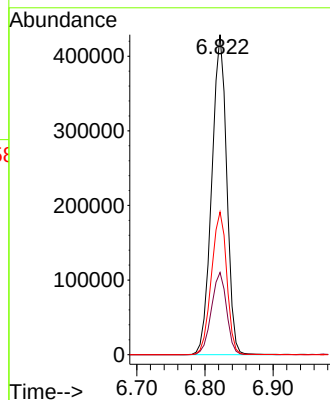
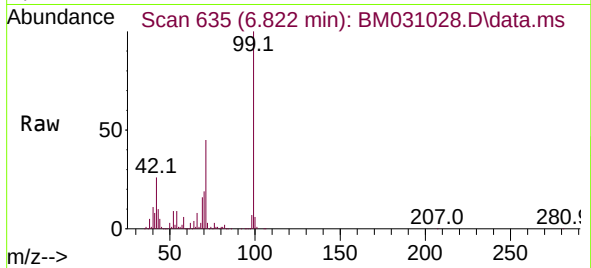




#7
Phenol-d6
Concen: 125.78 ng
RT: 6.822 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

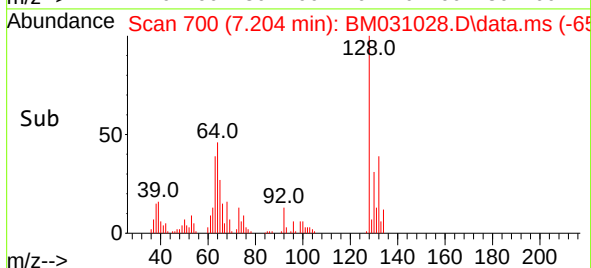
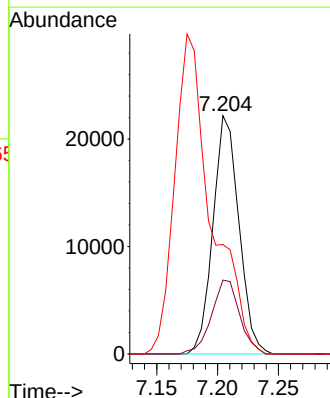
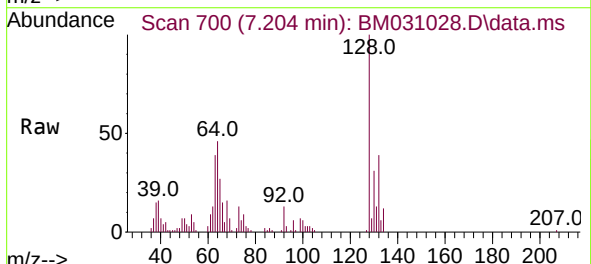
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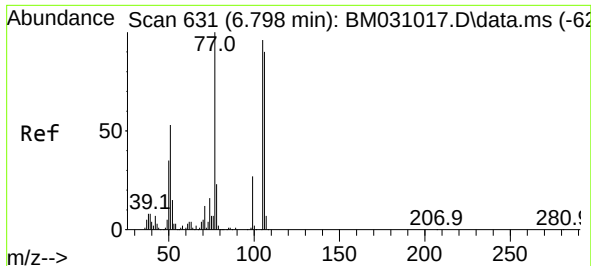
Tgt Ion:	99	Resp:	655432
Ion	Ratio	Lower	Upper
99	100		
42	25.7	18.0	27.0
71	44.6	30.9	46.3



#8
2-Chlorophenol
Concen: 7.76 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	128	Resp:	32817
Ion	Ratio	Lower	Upper
128	100		
130	31.1	13.5	53.5
64	45.9	25.7	65.7

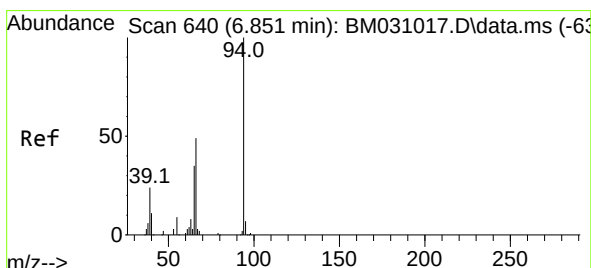
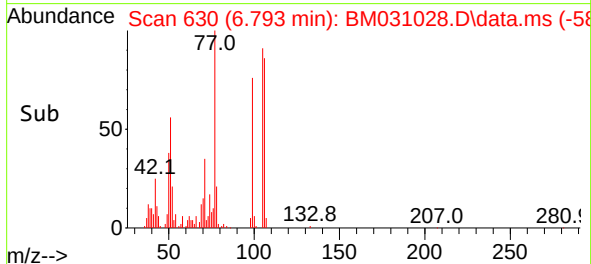
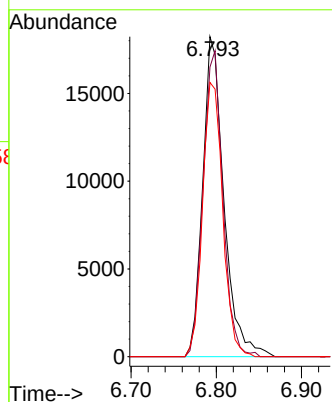
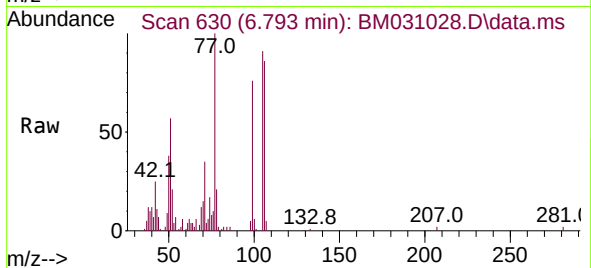




#9
Benzaldehyde
Concen: 10.15 ng
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
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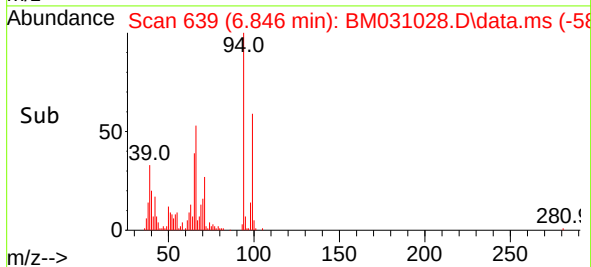
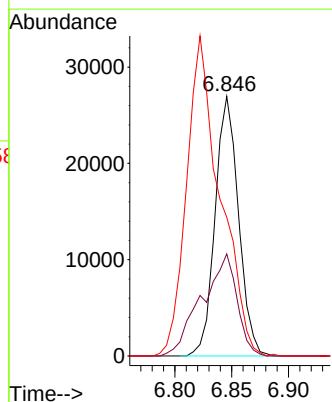
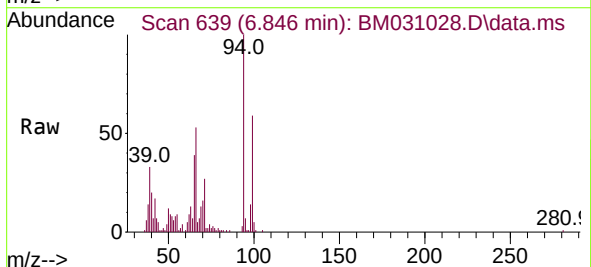
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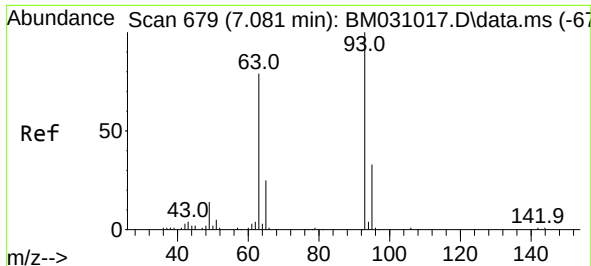
Tgt Ion: 77 Resp: 31510
Ion Ratio Lower Upper
77 100
105 90.5 71.2 111.2
106 85.7 68.6 108.6



#10
Phenol
Concen: 7.65 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 94 Resp: 38634
Ion Ratio Lower Upper
94 100
65 39.3 11.9 51.9
66 53.5 22.6 62.6

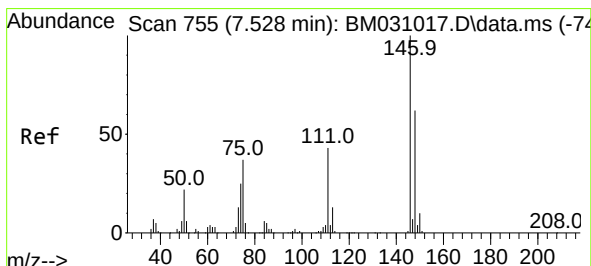
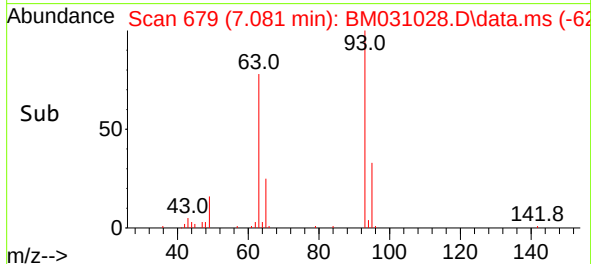
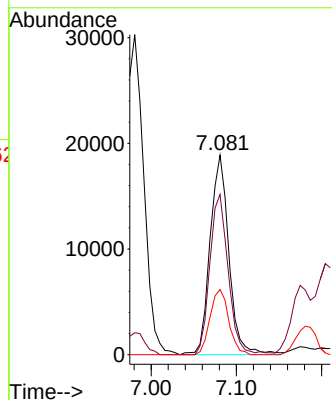
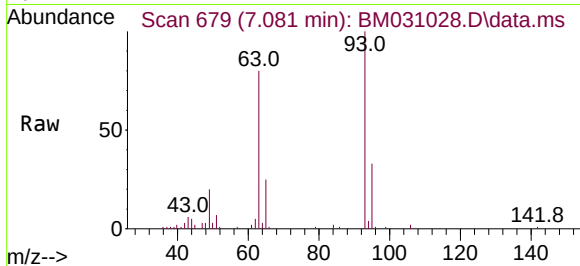




#11
bis(2-Chloroethyl)ether
Concen: 7.77 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

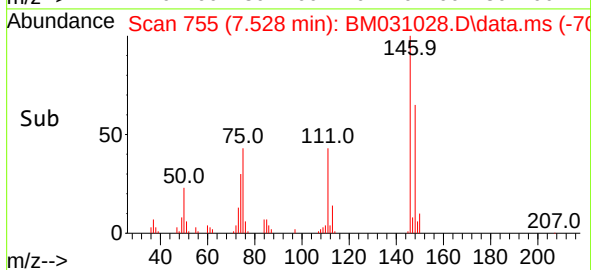
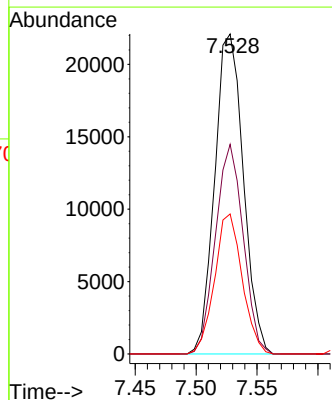
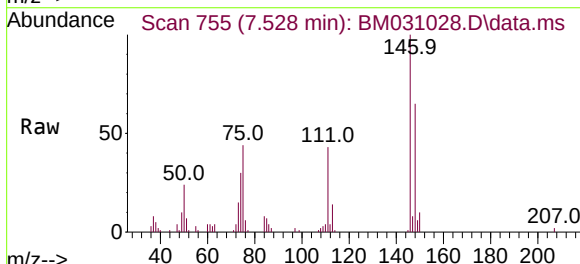
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

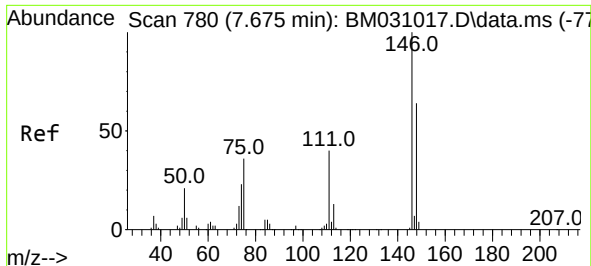
Tgt Ion: 93	Resp: 29056
Ion Ratio	Lower Upper
93 100	
63 80.3	54.3 94.3
95 32.7	12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 7.87 ng
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:146	Resp: 36195		
Ion Ratio	Lower	Upper	
146 100			
148 65.5	52.2	78.4	
75 43.8	25.8	38.8	#

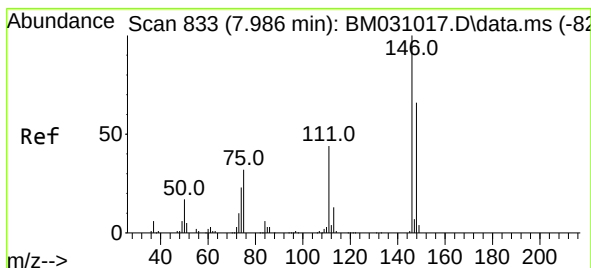
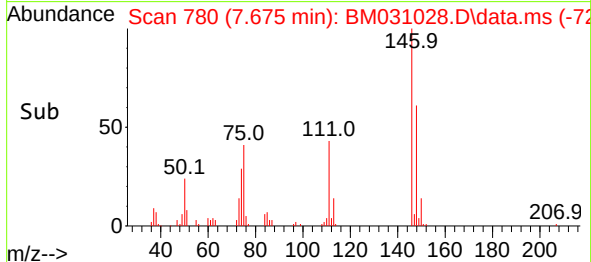
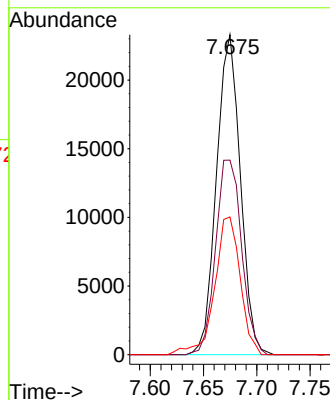
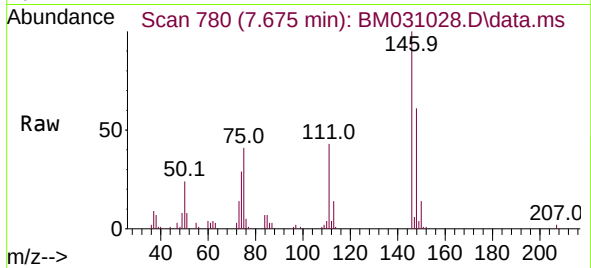




#13
1,4-Dichlorobenzene
Concen: 7.76 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

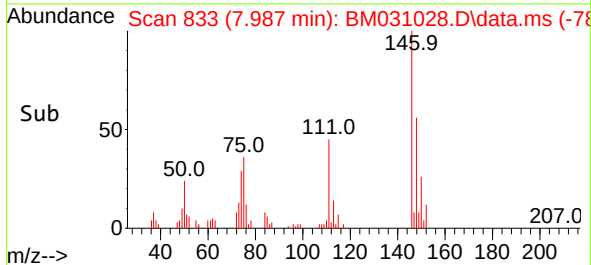
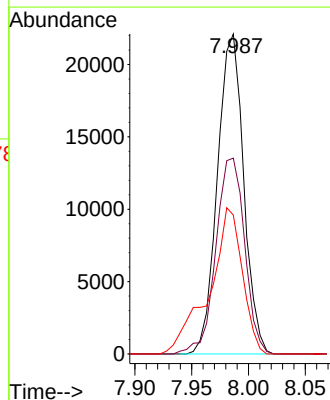
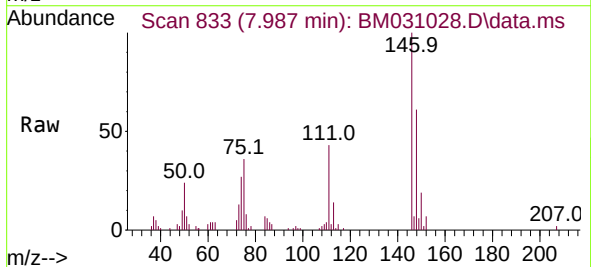
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

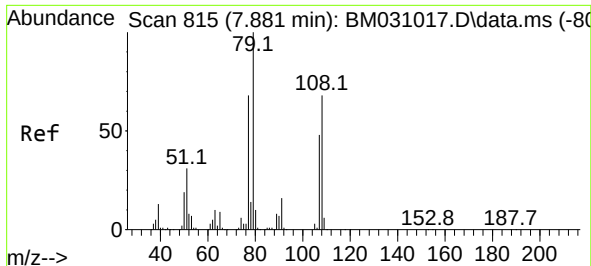
Tgt Ion:	146	Resp:	36334
Ion Ratio	Lower	Upper	
146	100		
148	60.8	51.8	77.8
111	43.0	31.0	46.6



#14
1,2-Dichlorobenzene
Concen: 7.77 ng
RT: 7.987 min Scan# 833
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	146	Resp:	35534
Ion Ratio	Lower	Upper	
146	100		
148	61.2	51.7	77.5
111	43.4	32.6	49.0

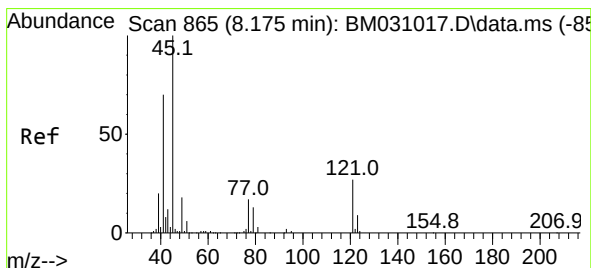
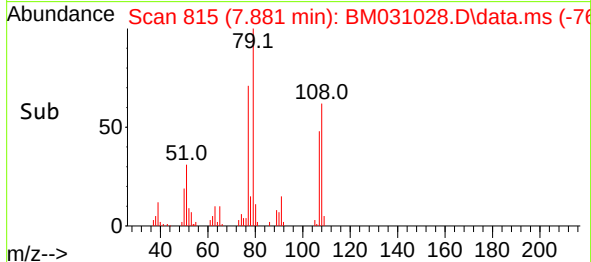
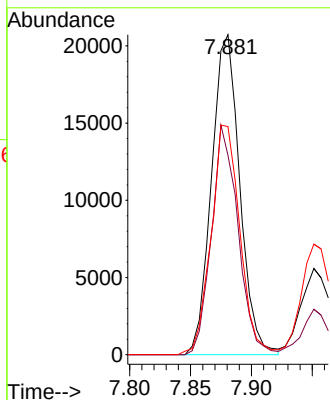
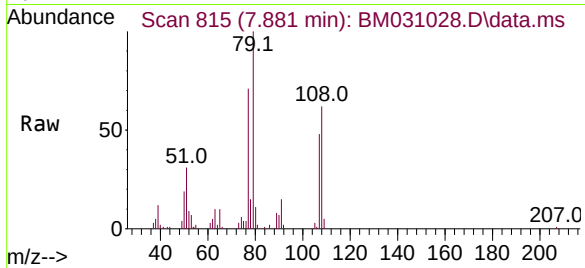




#15
Benzyl Alcohol
Concen: 7.63 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

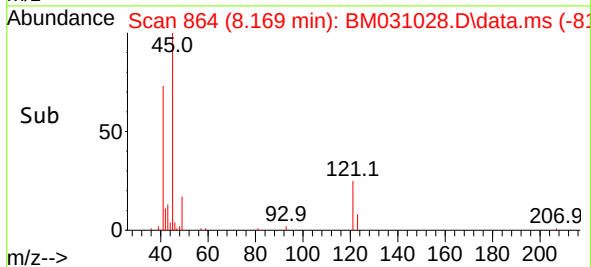
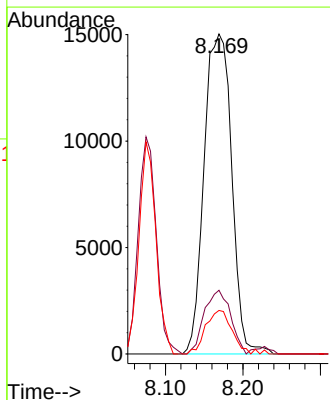
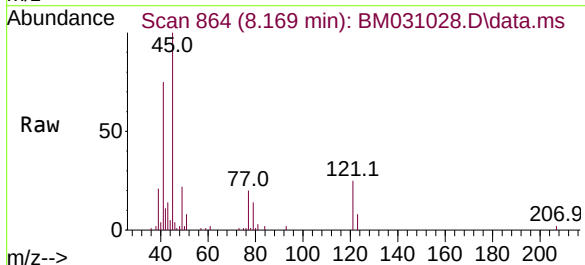
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

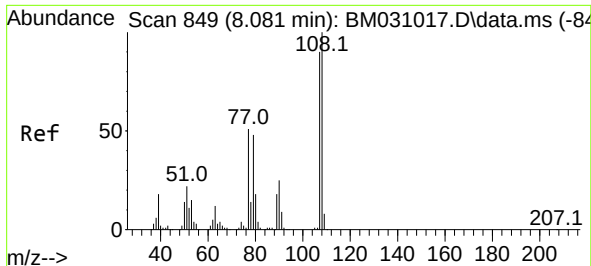
Tgt Ion:	79	Resp:	33459
Ion	Ratio	Lower	Upper
79	100		
108	62.3	57.0	85.4
77	71.3	54.6	81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.96 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

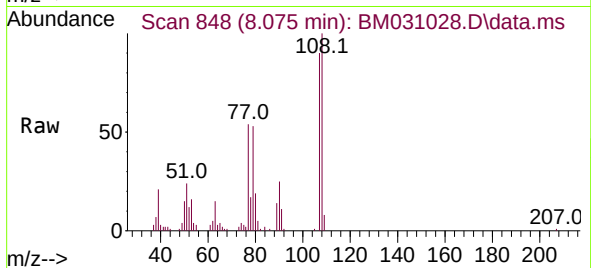
Tgt Ion:	45	Resp:	37218
Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	38.0
79	13.6	0.0	34.1



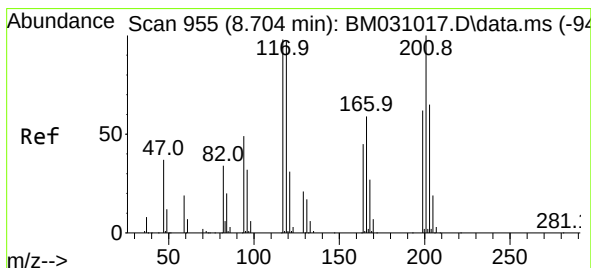
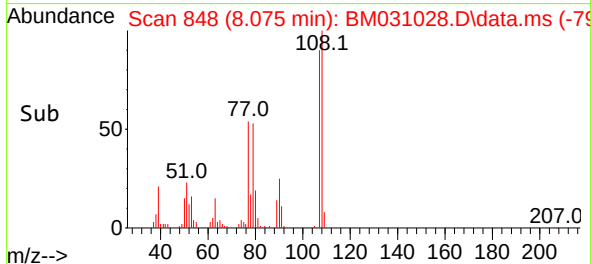
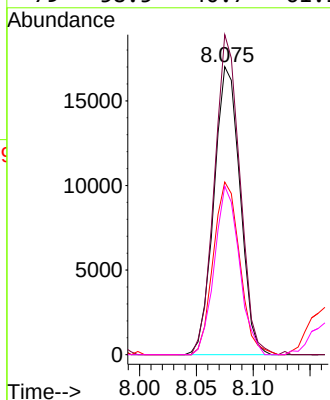


#17
2-Methylphenol
Concen: 7.71 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

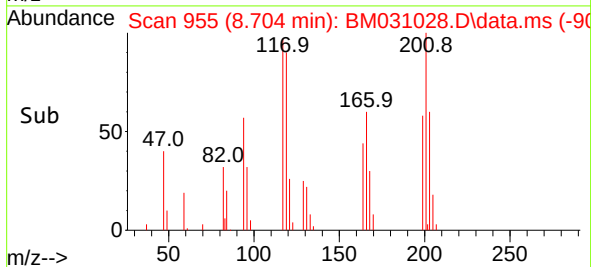
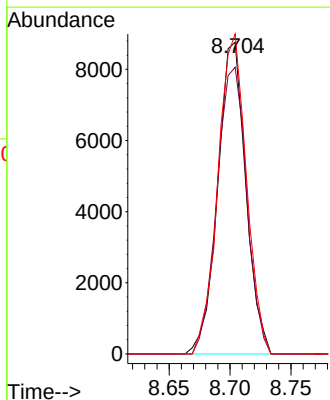
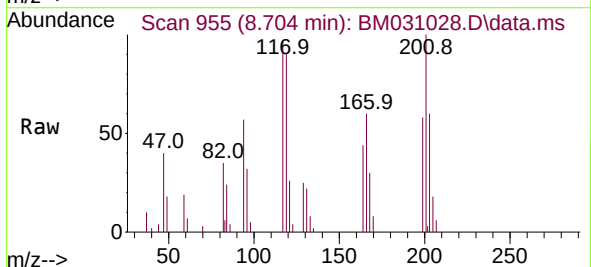


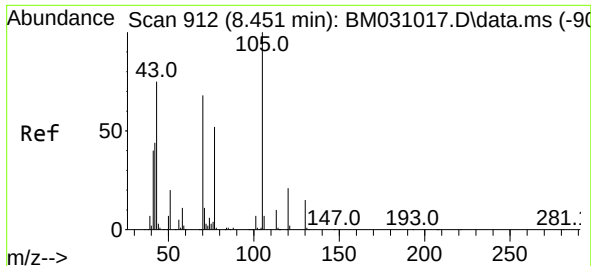
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.1	85.0	127.6
77	59.9	41.3	61.9
79	58.5	40.7	61.1



#18
Hexachloroethane
Concen: 7.78 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.2	114.2
201	105.3	89.8	134.6



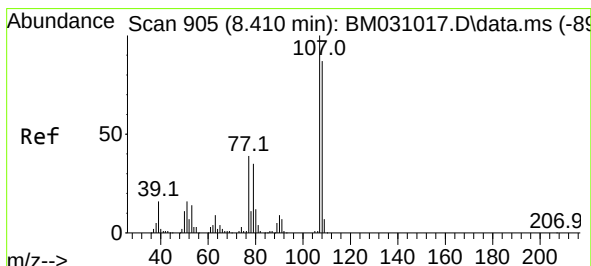
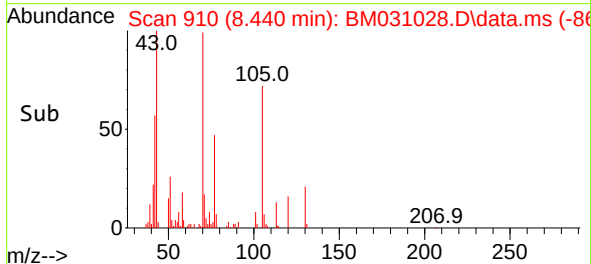
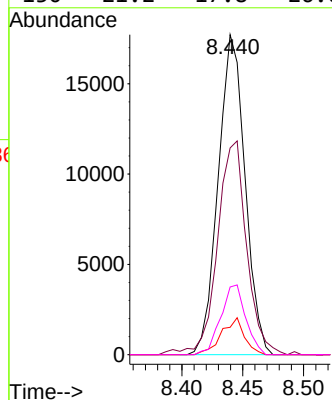
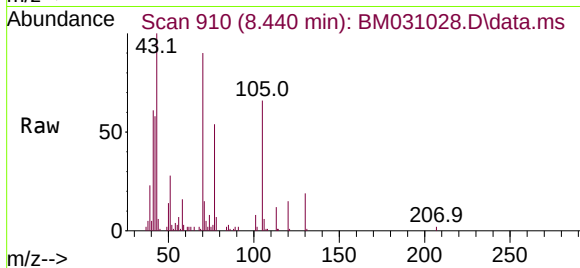


#19

n-Nitroso-di-n-propylamine
Concen: 7.39 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

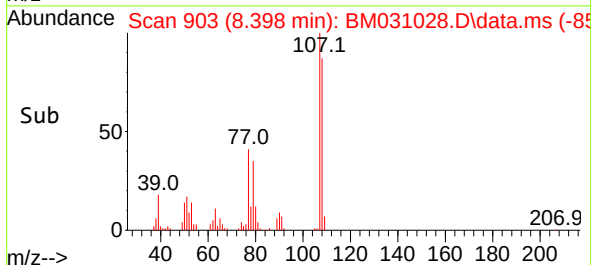
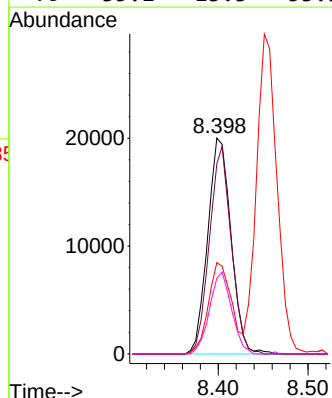
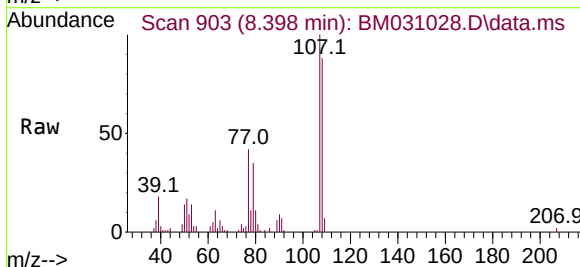
Tgt Ion:	70	Resp:	27197
Ion	Ratio	Lower	Upper
70	100		
42	64.6	51.4	77.0
101	8.5	8.1	12.1
130	21.2	17.8	26.6

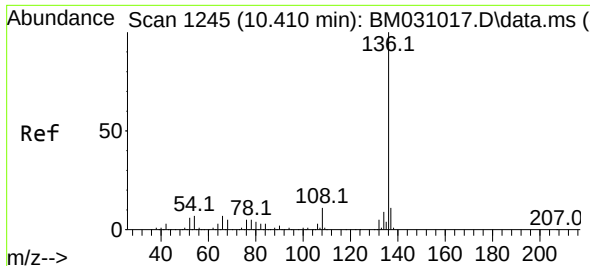


#20

3+4-Methylphenols
Concen: 7.24 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

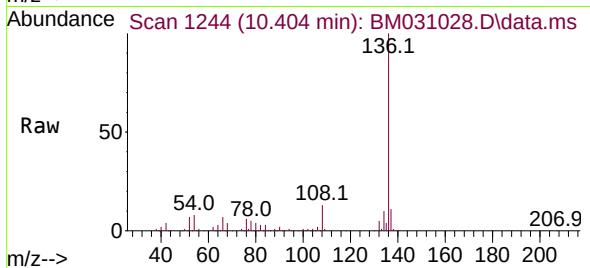
Tgt Ion:	107	Resp:	36181
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	42.3	17.3	57.3
79	35.1	13.3	53.3



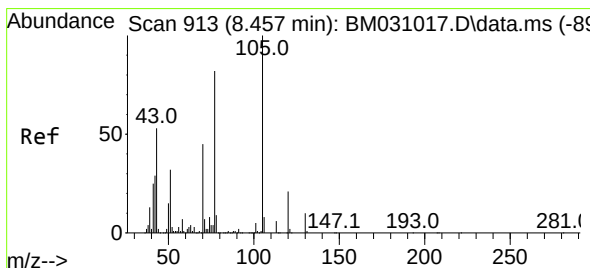
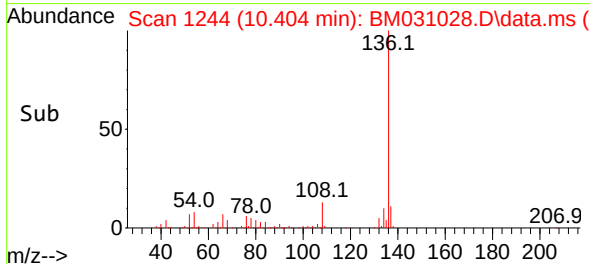
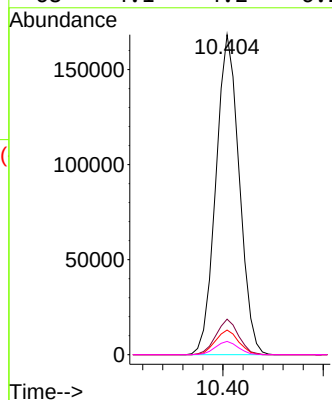


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

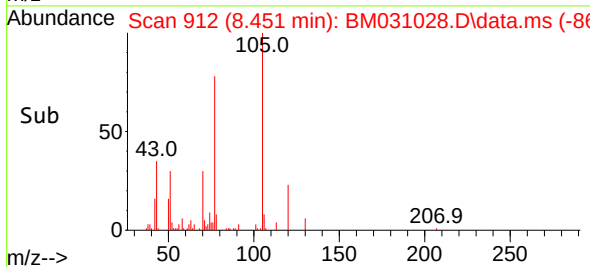
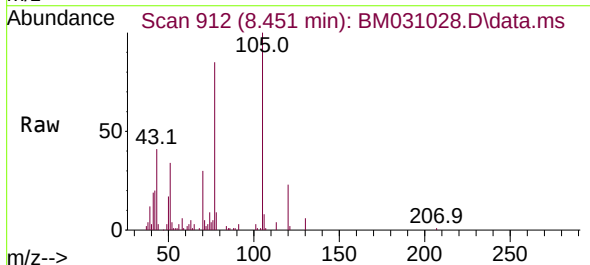
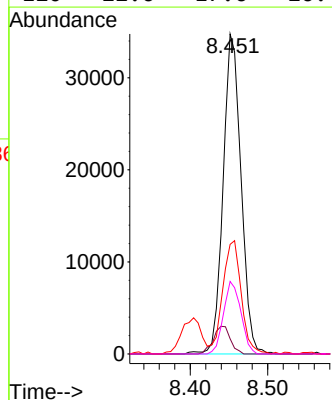


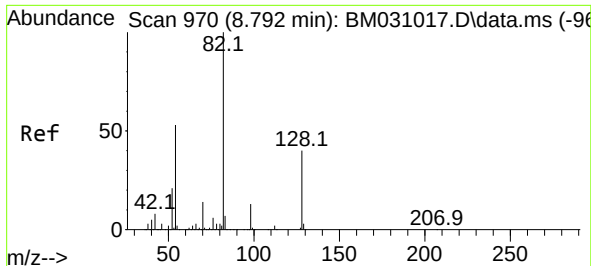
Tgt Ion:136 Resp: 271848
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 5.5 8.3
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 8.30 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:105 Resp: 55879
Ion Ratio Lower Upper
105 100
71 4.7 3.4 5.0
51 34.3 22.2 33.4#
120 22.6 17.6 26.4





#23

Nitrobenzene-d5

Concen: 90.47 ng

RT: 8.787 min Scan# 969

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

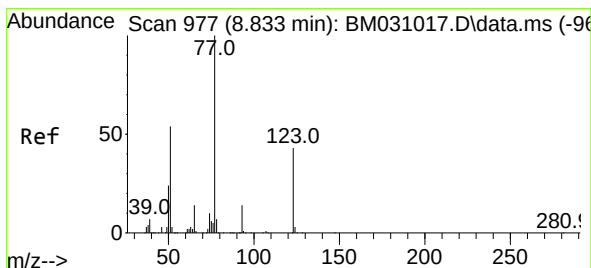
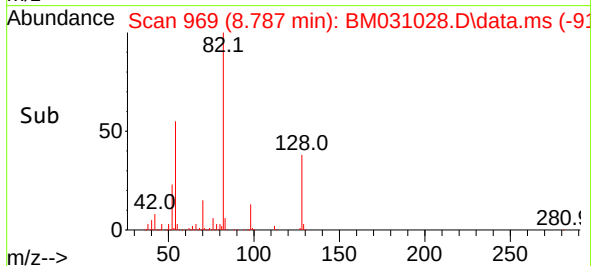
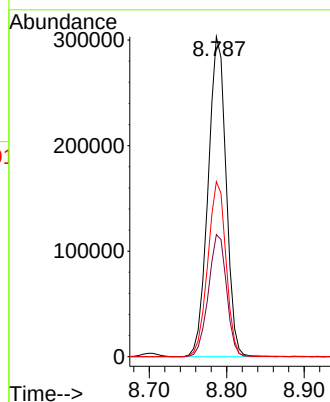
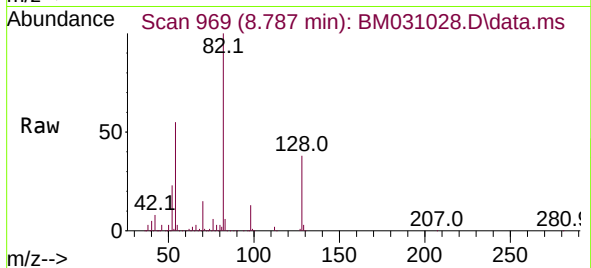
Tgt Ion: 82 Resp: 489826

Ion Ratio Lower Upper

82 100

128 38.1 31.1 46.7

54 54.7 37.3 55.9



#24

Nitrobenzene

Concen: 8.43 ng

RT: 8.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

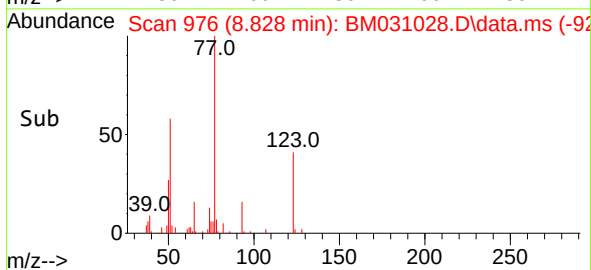
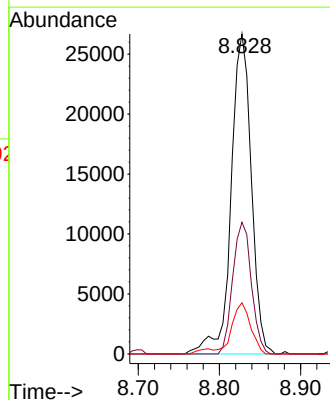
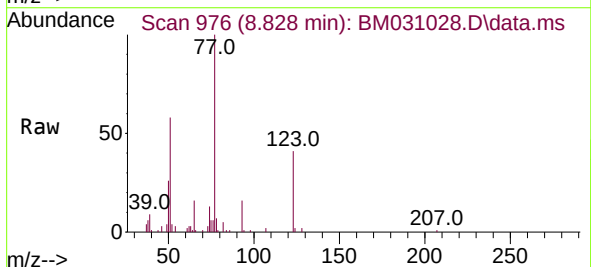
Tgt Ion: 77 Resp: 46094

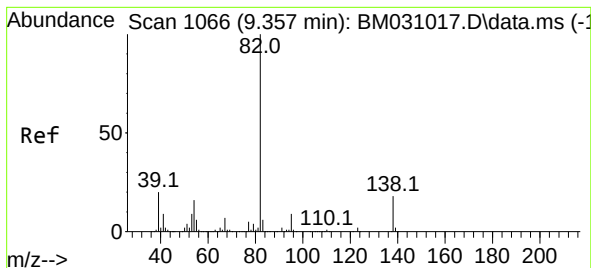
Ion Ratio Lower Upper

77 100

123 41.2 34.0 51.0

65 16.0 11.0 16.4





#25

Isophorone

Concen: 7.45 ng

RT: 9.351 min Scan# 1065

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

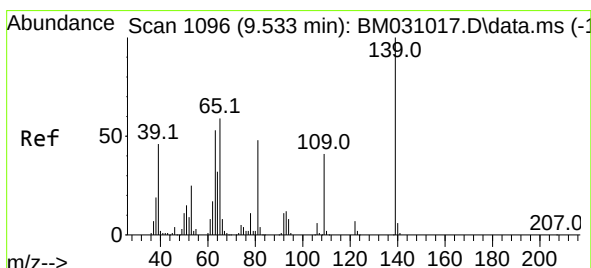
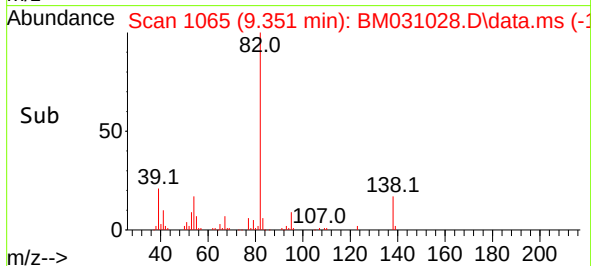
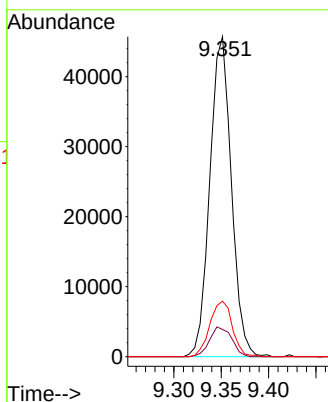
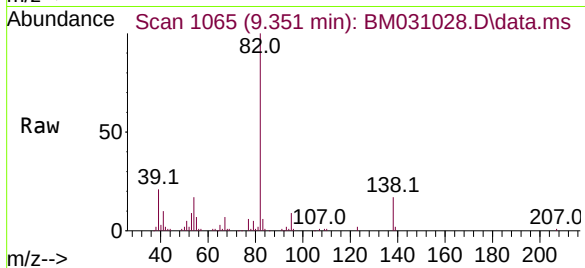
Tgt Ion:	82	Resp:	72147
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.3	9.5
138	17.3	14.5	21.7

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#26

2-Nitrophenol

Concen: 7.34 ng

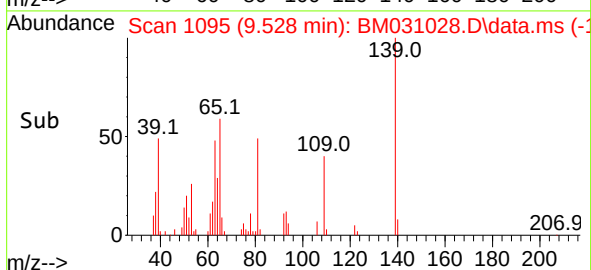
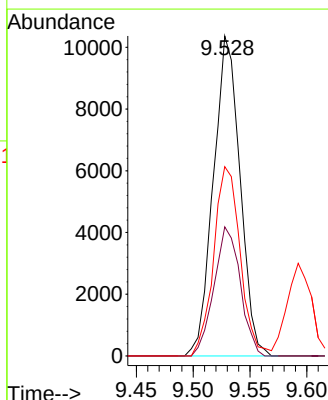
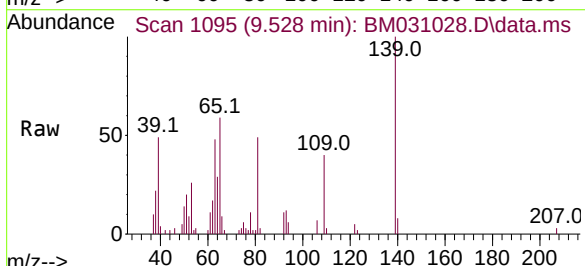
RT: 9.528 min Scan# 1095

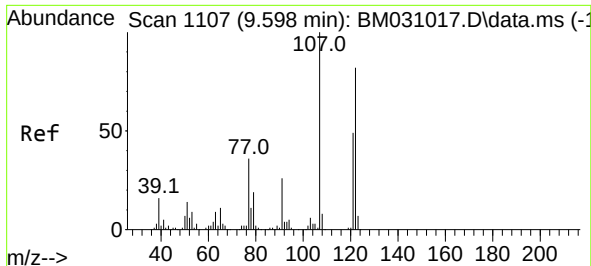
Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

Tgt Ion:	139	Resp:	16886
Ion Ratio	Lower	Upper	
139	100		
109	40.3	26.7	40.1#
65	59.2	41.9	62.9

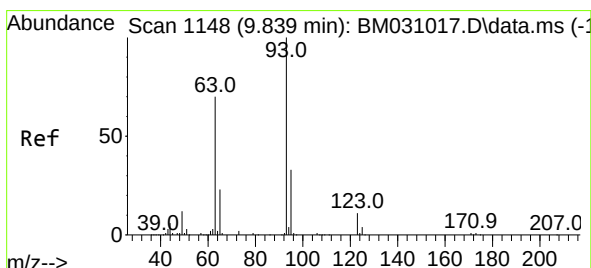
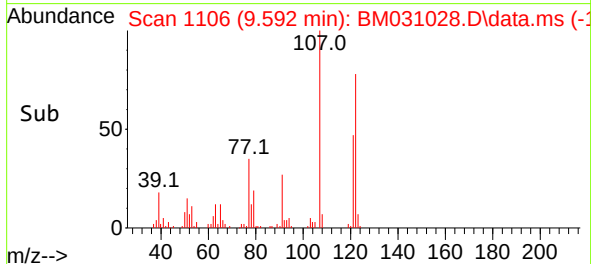
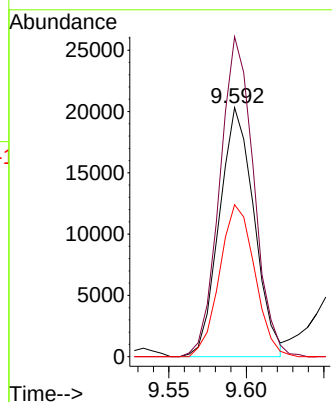
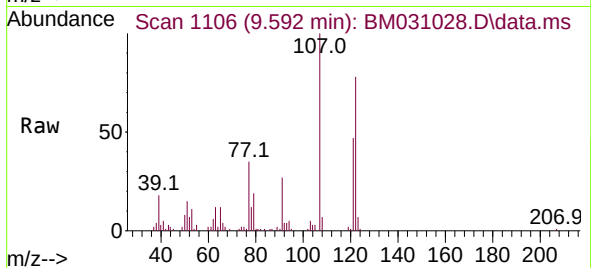




#27
2,4-Dimethylphenol
Concen: 8.75 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

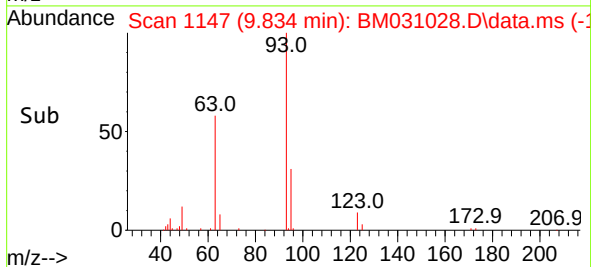
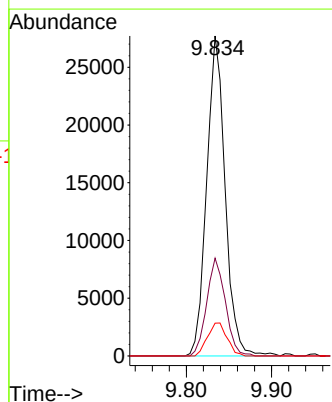
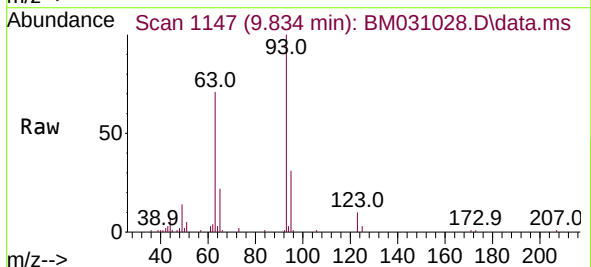
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

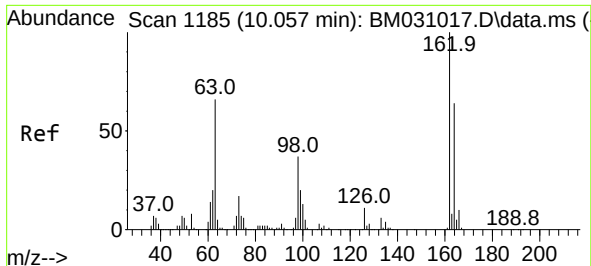
Tgt Ion:	122	Resp:	31745
Ion	Ratio	Lower	Upper
122	100		
107	128.4	95.0	142.6
121	61.0	48.1	72.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.55 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	93	Resp:	41728
Ion	Ratio	Lower	Upper
93	100		
95	30.6	26.2	39.2
123	10.3	9.3	13.9

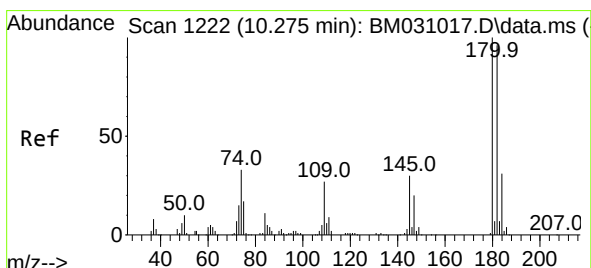
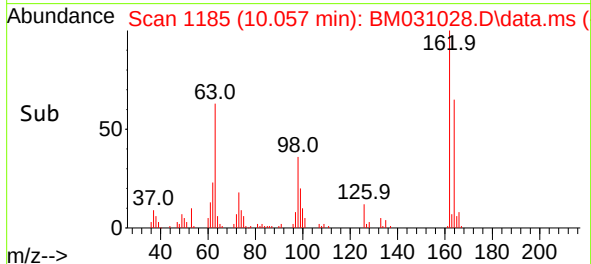
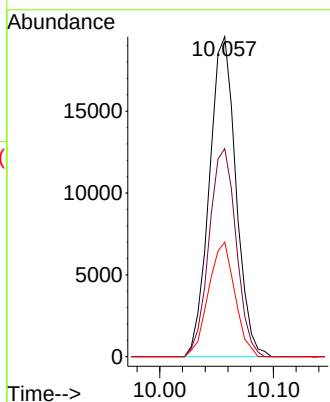
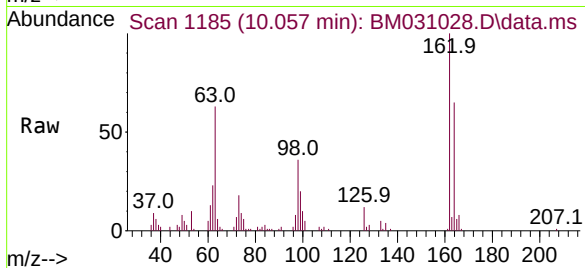




#29
2,4-Dichlorophenol
Concen: 7.42 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

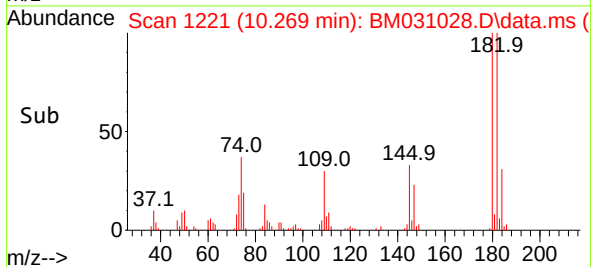
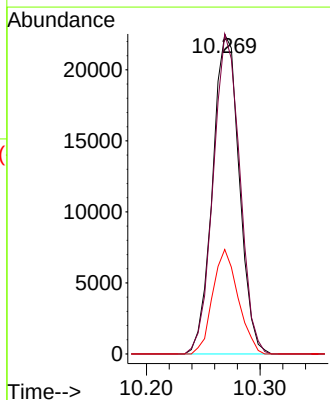
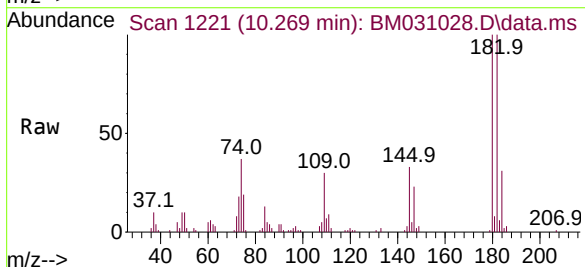
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

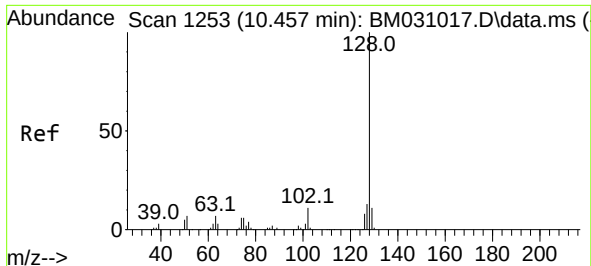
Tgt Ion:	162	Resp:	31820
Ion Ratio	Lower	Upper	
162	100		
164	65.0	46.5	86.5
98	35.8	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 7.80 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	180	Resp:	36730
Ion Ratio	Lower	Upper	
180	100		
182	100.1	76.3	114.5
145	32.7	22.3	33.5

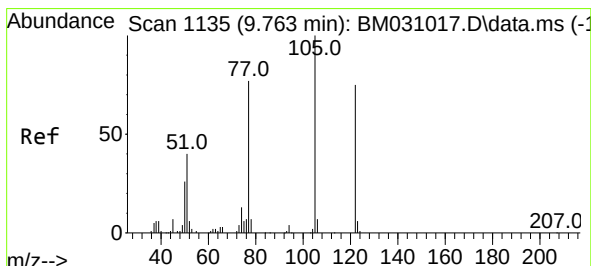
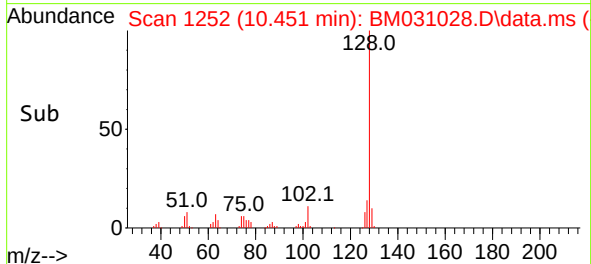
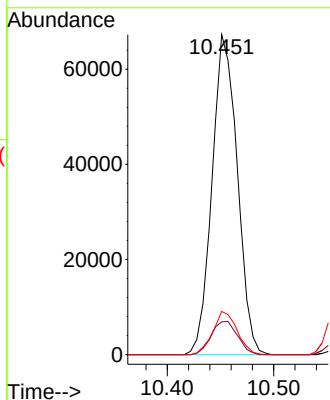
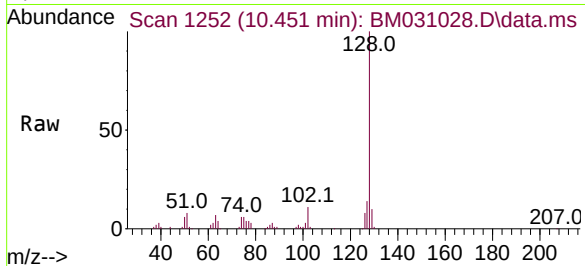




#31
Naphthalene
Concen: 7.91 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

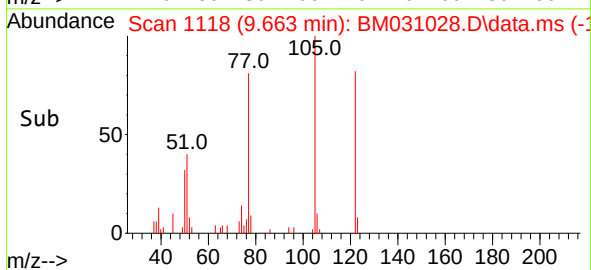
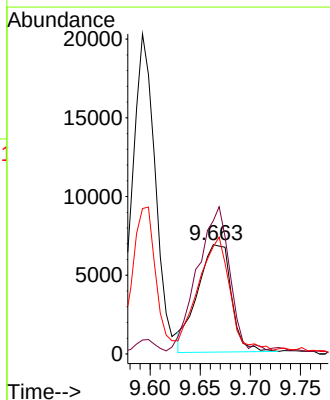
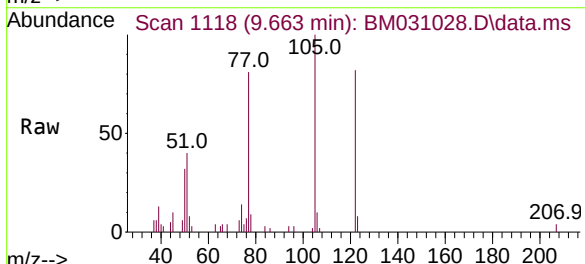
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

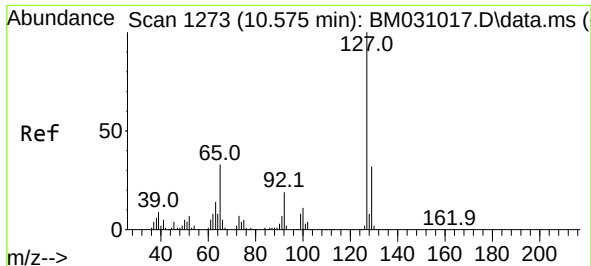
Tgt Ion:128 Resp: 110689
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 5.17 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.100 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:122 Resp: 15989
Ion Ratio Lower Upper
122 100
105 121.9 107.3 147.3
77 98.3 88.0 128.0

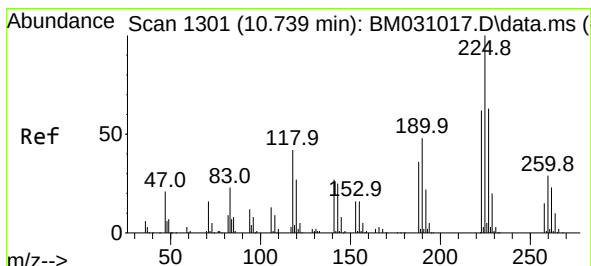
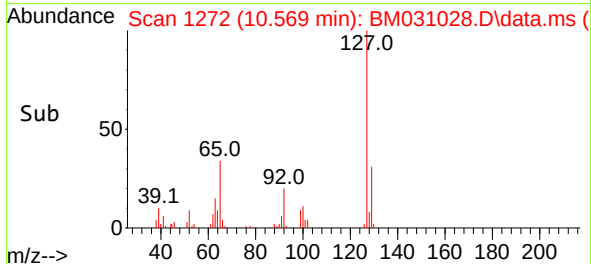
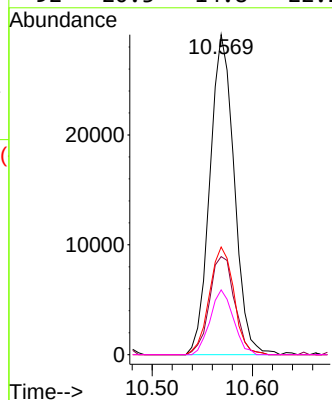
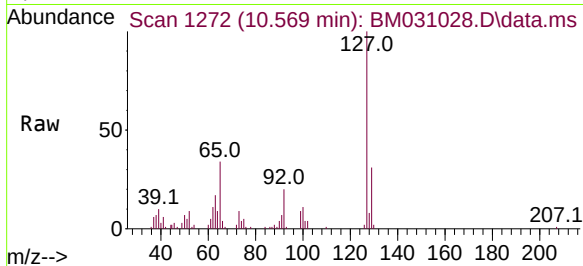




#33
4-Chloroaniline
Concen: 8.13 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

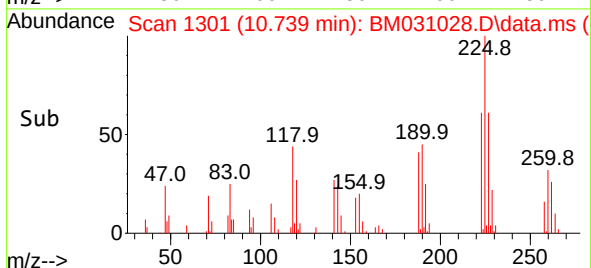
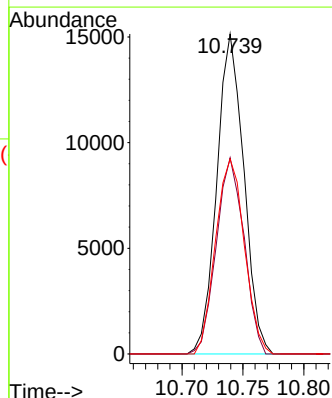
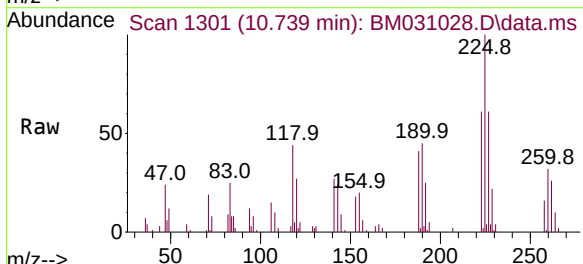
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

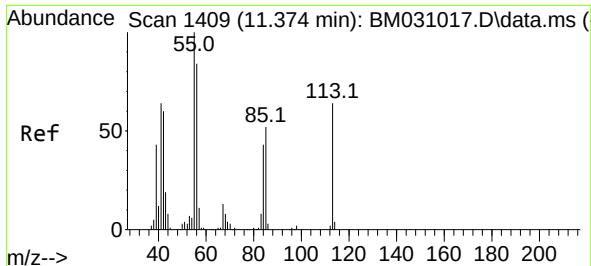
Tgt Ion:127	Resp:	49082
Ion Ratio	Lower	Upper
127 100		
129 30.6	26.8	40.2
65 33.6	25.2	37.8
92 20.3	14.8	22.2



#34
Hexachlorobutadiene
Concen: 7.72 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:225	Resp:	23365
Ion Ratio	Lower	Upper
225 100		
223 59.1	52.1	78.1
227 58.7	53.8	80.6

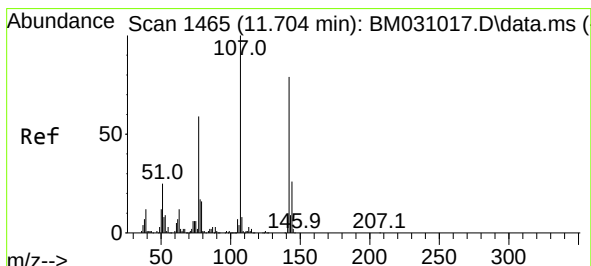
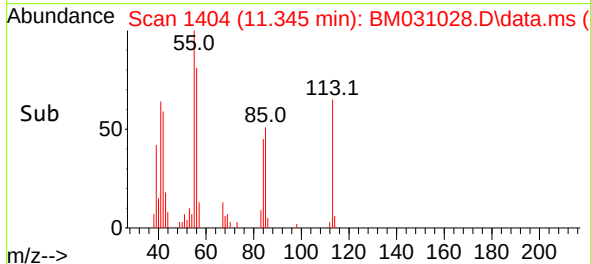
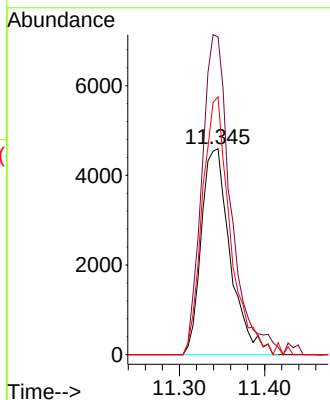
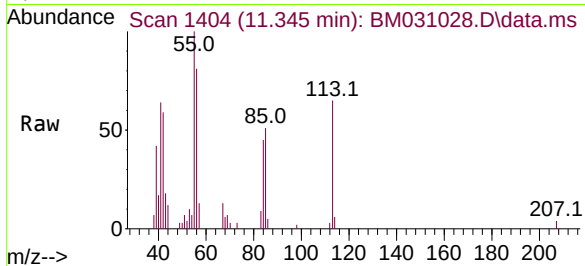




#35
Caprolactam
Concen: 7.51 ng
RT: 11.345 min Scan# 1404
Delta R.T. -0.029 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

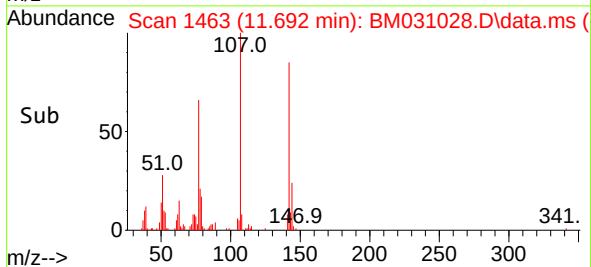
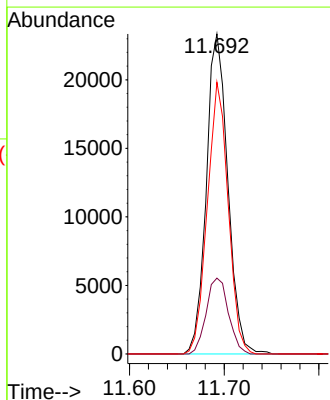
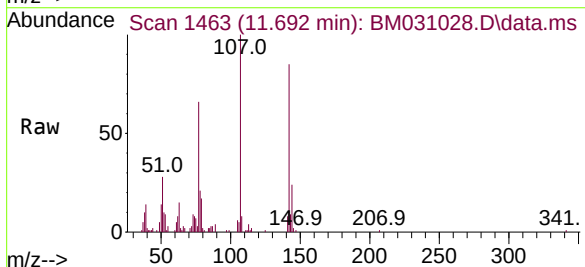
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

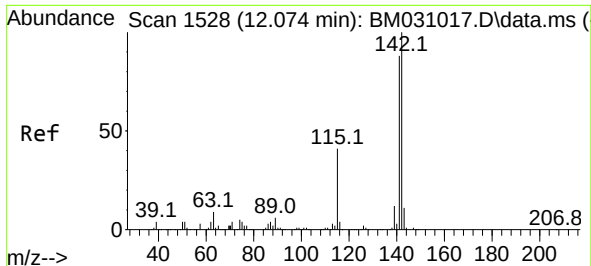
Tgt Ion:113 Resp: 10828
Ion Ratio Lower Upper
113 100
55 154.3 132.0 172.0
56 125.2 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 7.52 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:107 Resp: 36800
Ion Ratio Lower Upper
107 100
144 23.7 22.3 33.5
142 84.9 69.3 103.9

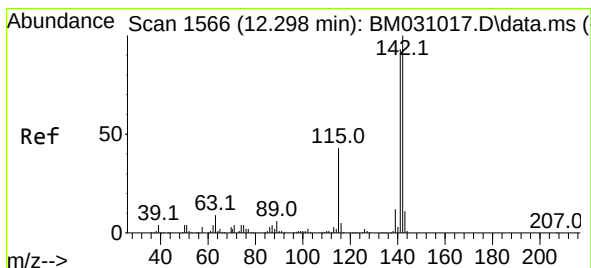
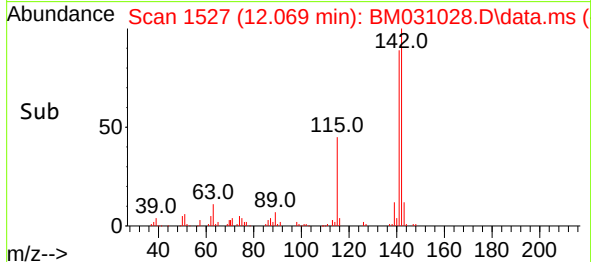
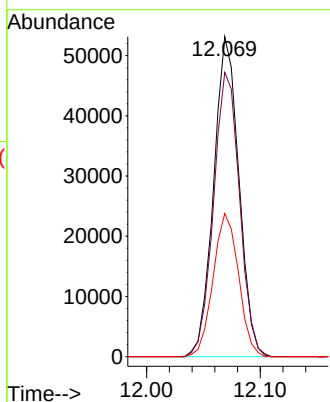
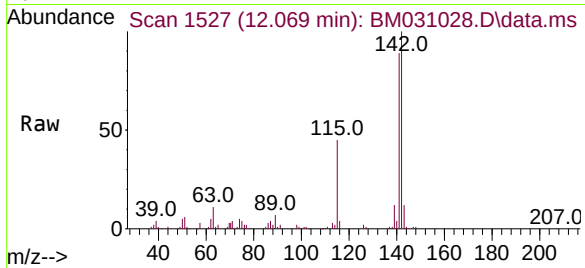




#37
2-Methylnaphthalene
Concen: 7.61 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

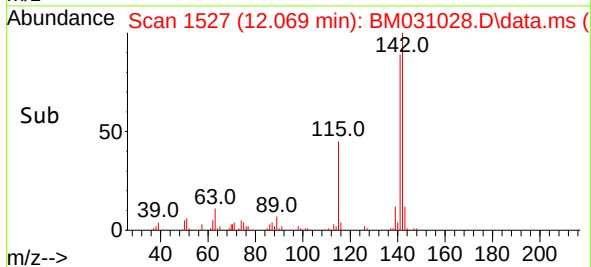
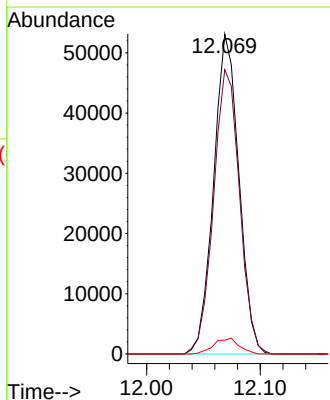
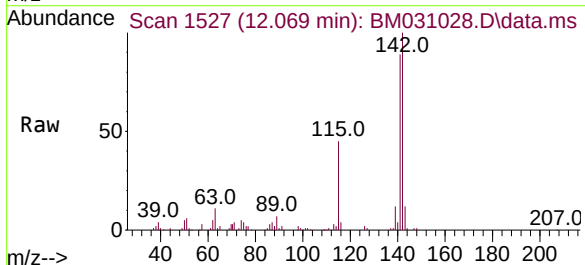
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

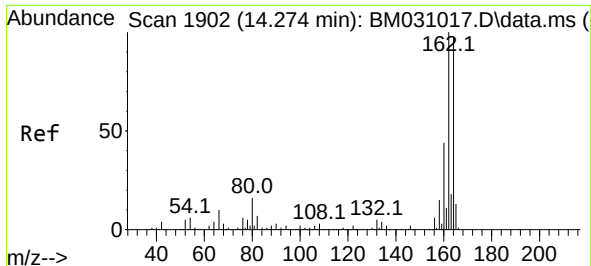
Tgt Ion:142 Resp: 82033
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 44.8 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 7.99 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.229 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:142 Resp: 82033
Ion Ratio Lower Upper
142 100
141 88.9 74.2 111.4
116 4.3 3.0 4.6

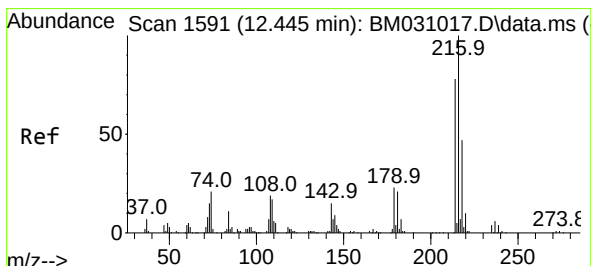
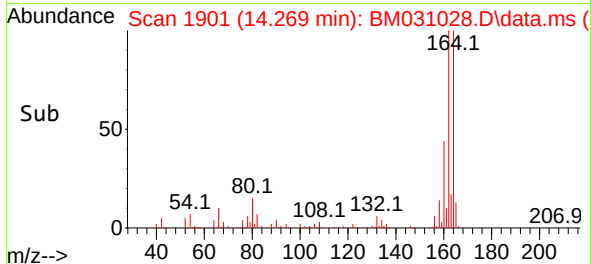
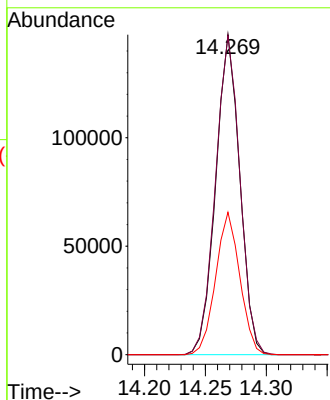
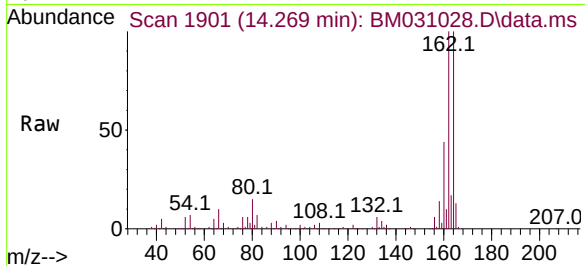




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

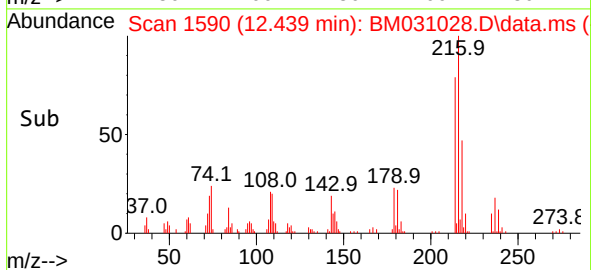
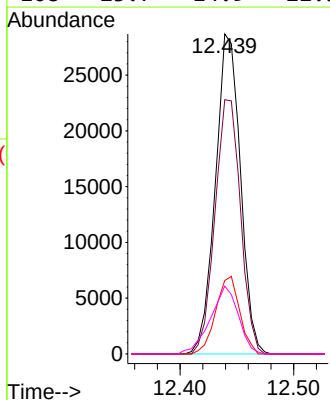
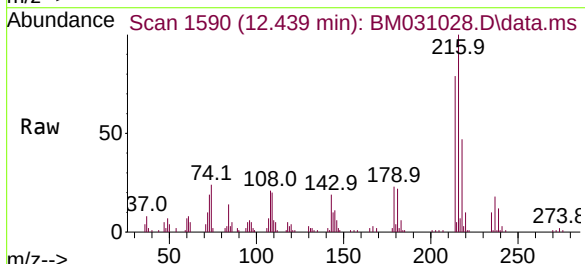
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

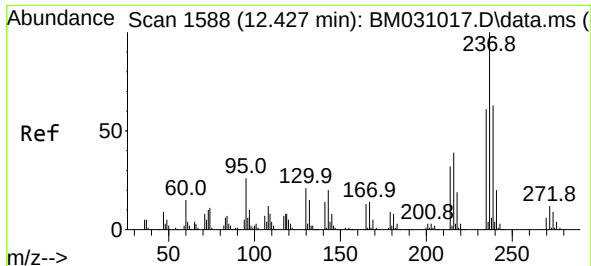
Tgt Ion:164	Resp:	202908
Ion Ratio	Lower	Upper
164	100	
162	99.7	83.4 125.0
160	44.5	37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.78 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:216	Resp:	43984
Ion Ratio	Lower	Upper
216	100	
214	80.8	63.0 94.4
179	23.2	17.6 26.4
108	23.7	14.9 22.3

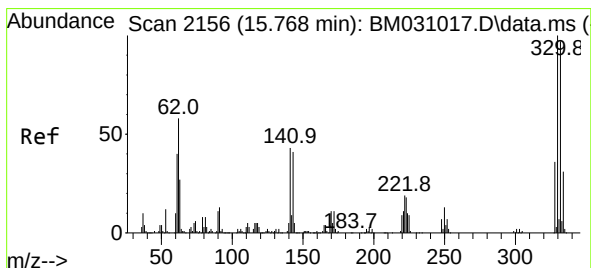
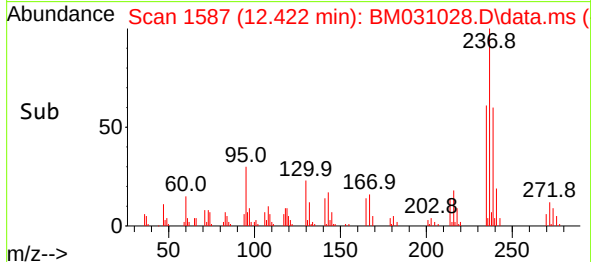
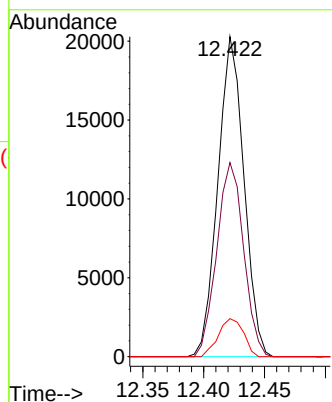
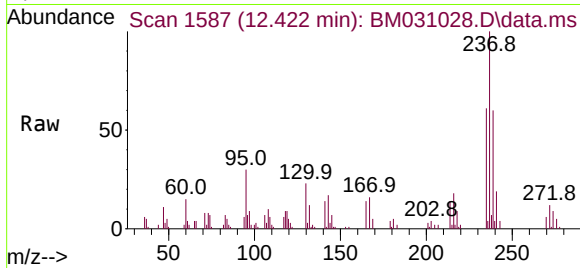




#41
Hexachlorocyclopentadiene
Concen: 9.61 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

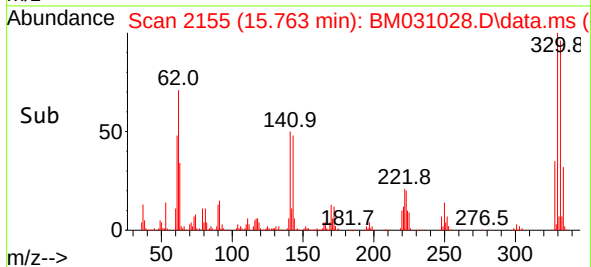
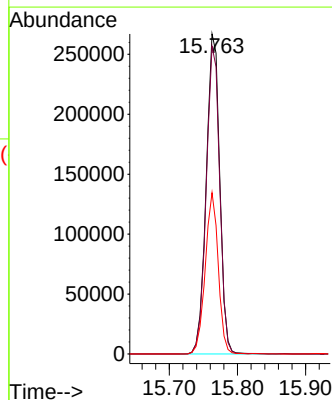
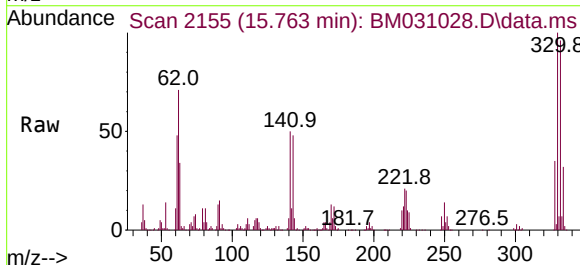
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

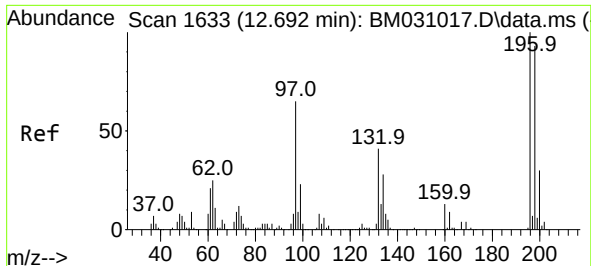
Tgt Ion:237 Resp: 30228
Ion Ratio Lower Upper
237 100
235 60.7 42.4 82.4
272 11.9 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 138.82 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:330 Resp: 367817
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 48.5 30.2 45.2#

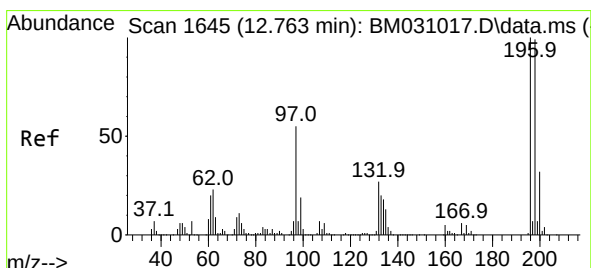
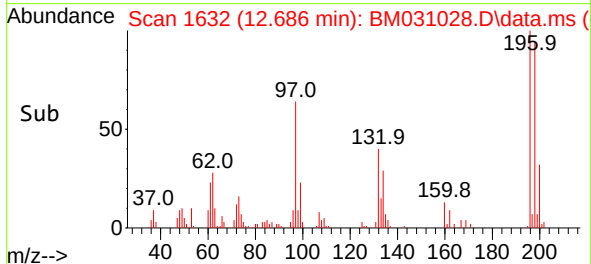
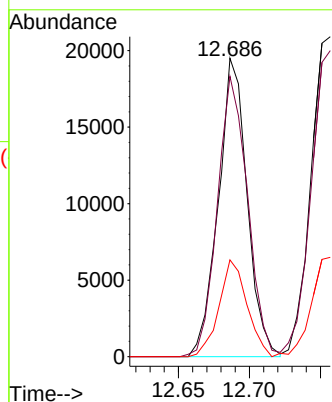
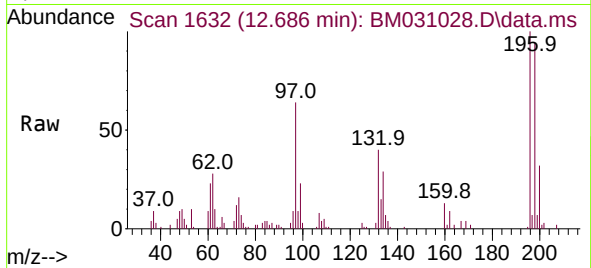




#43
2,4,6-Trichlorophenol
Concen: 6.93 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

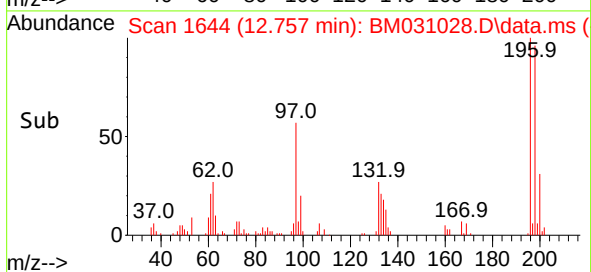
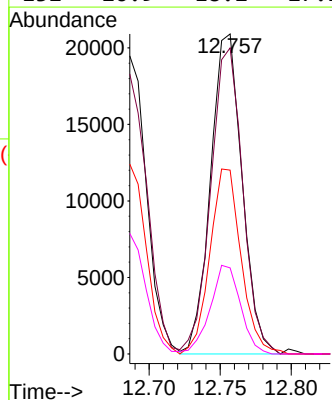
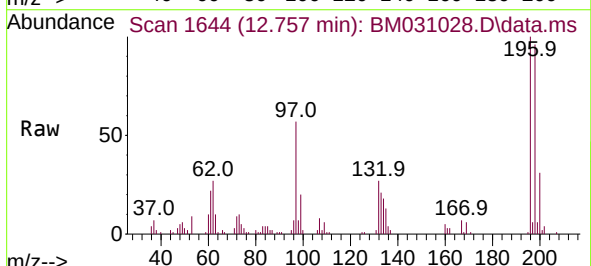
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

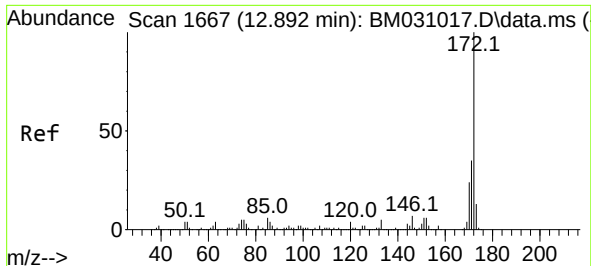
Tgt Ion:196 Resp: 27514
Ion Ratio Lower Upper
196 100
198 94.0 77.6 116.4
200 32.5 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 7.35 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:196 Resp: 32317
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
97 57.4 36.6 55.0#
132 26.9 18.2 27.2

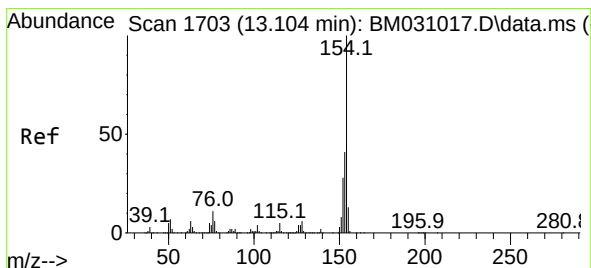
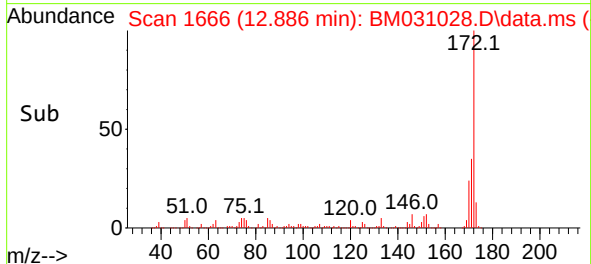
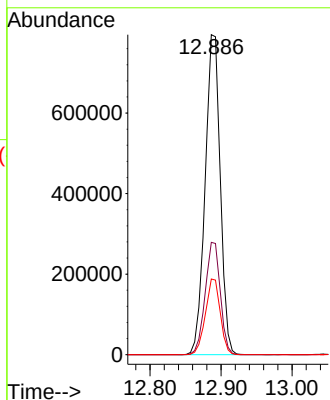
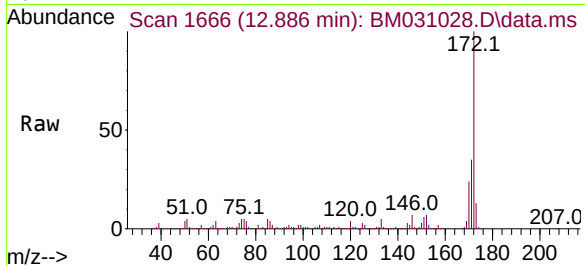




#45
2-Fluorobiphenyl
Concen: 86.71 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

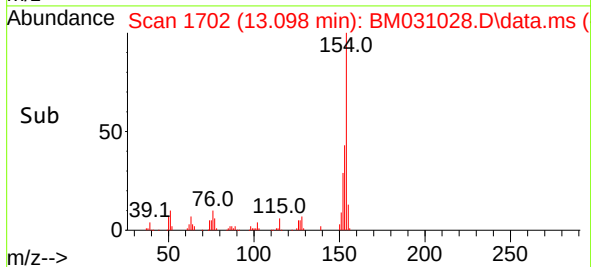
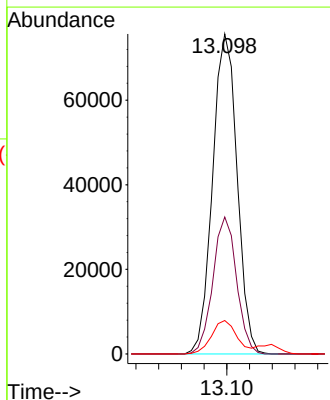
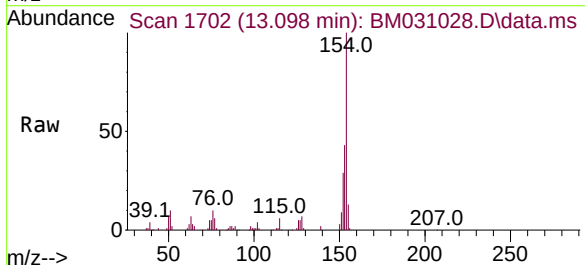
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

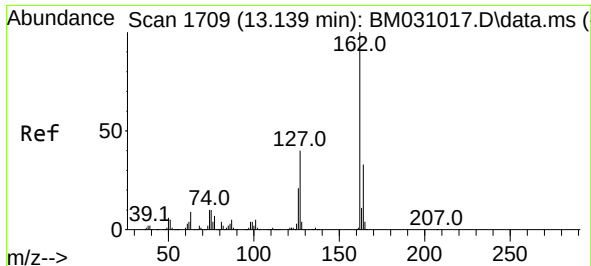
Tgt Ion:172 Resp: 1179253
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.6 18.4 27.6



#46
1,1'-Biphenyl
Concen: 7.88 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:154 Resp: 113332
Ion Ratio Lower Upper
154 100
153 42.8 20.7 60.7
76 10.5 0.0 31.0

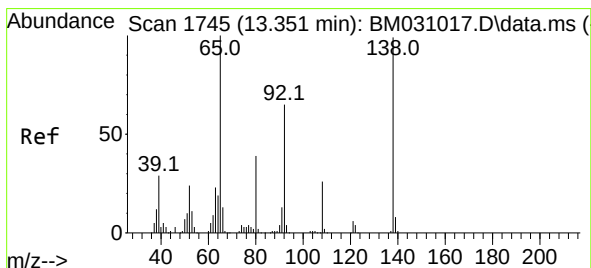
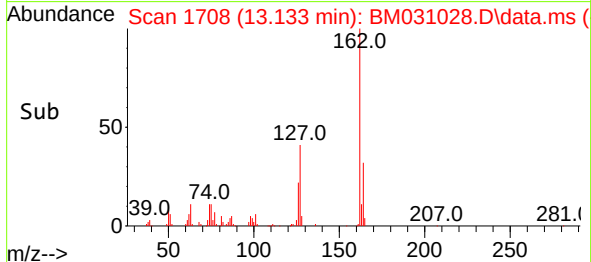
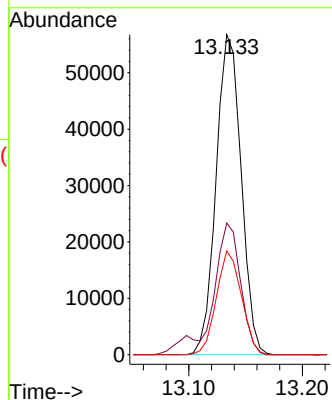
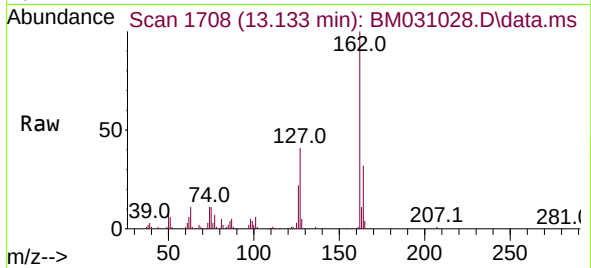




#47
2-Chloronaphthalene
Concen: 7.73 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

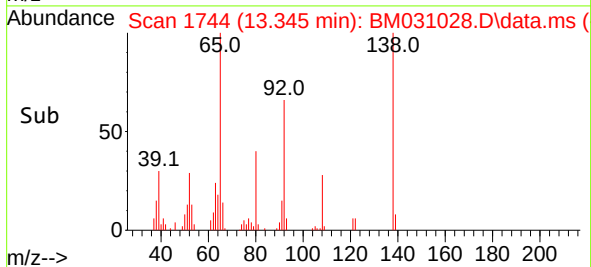
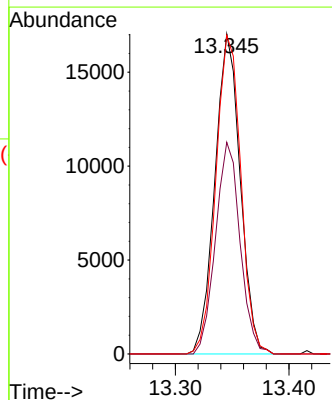
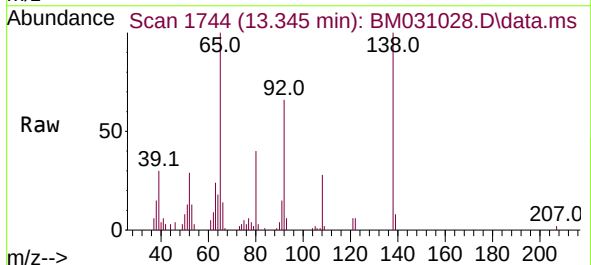
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

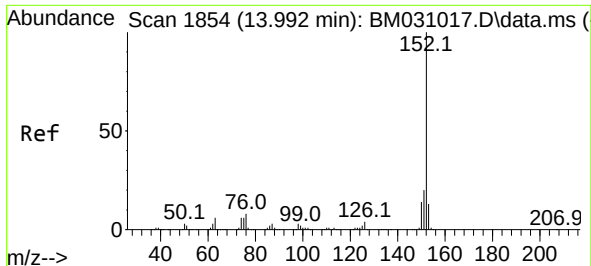
Tgt Ion:162 Resp: 87108
Ion Ratio Lower Upper
162 100
127 41.2 27.1 40.7#
164 32.4 26.1 39.1



#48
2-Nitroaniline
Concen: 7.35 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 65 Resp: 26405
Ion Ratio Lower Upper
65 100
92 66.1 55.5 83.3
138 99.5 85.7 128.5

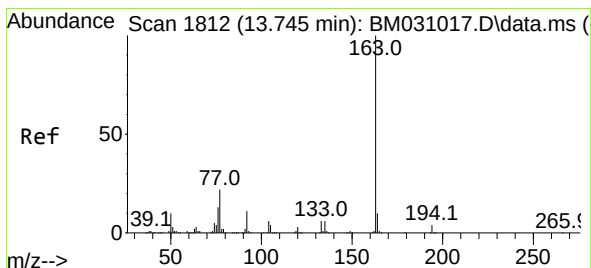
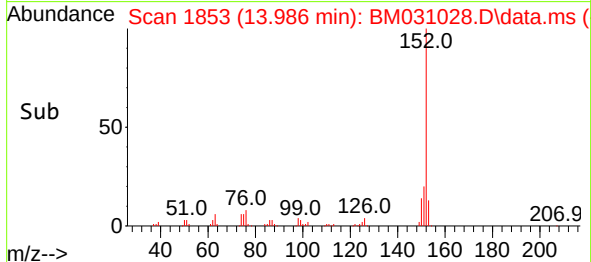
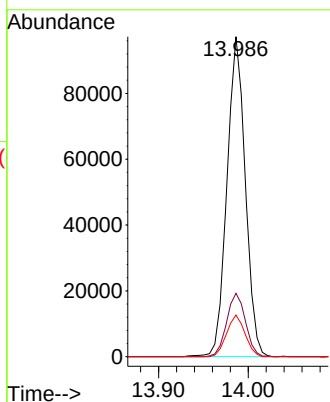
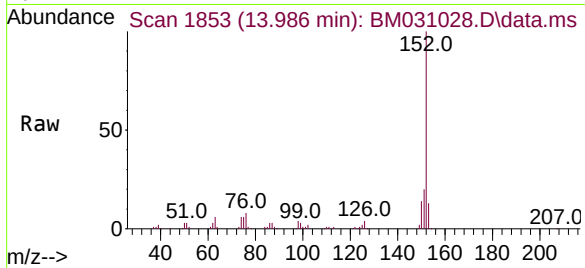




#49
Acenaphthylene
Concen: 7.67 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

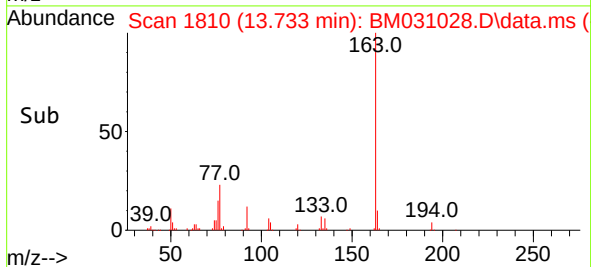
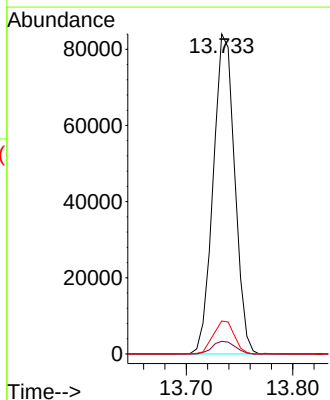
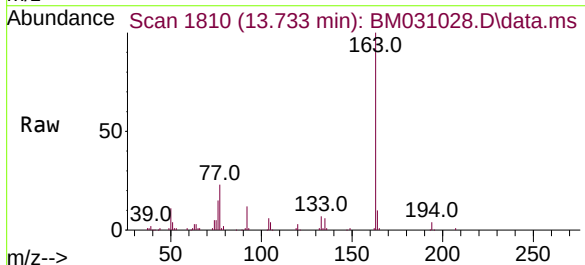
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

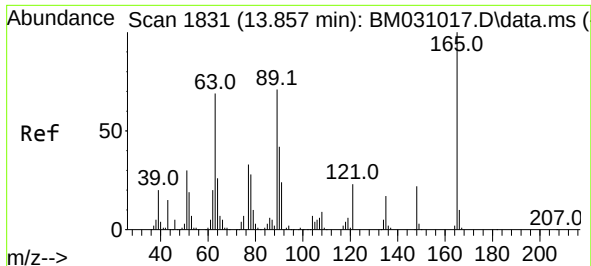
Tgt Ion:152 Resp: 138071
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.0 10.2 15.4



#50
Dimethylphthalate
Concen: 7.72 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:163 Resp: 117553
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.9 11.9

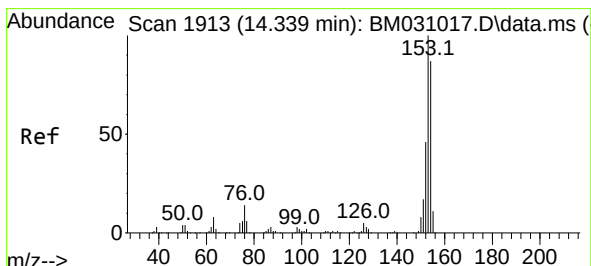
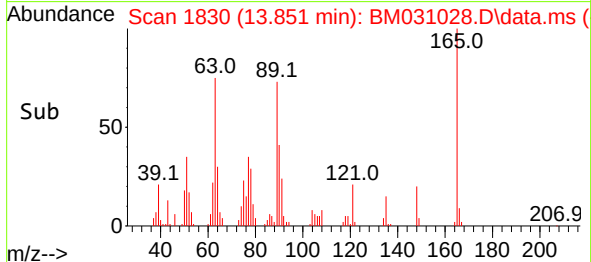
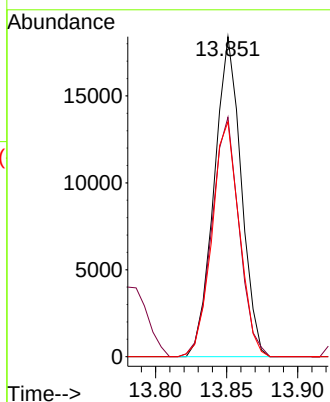
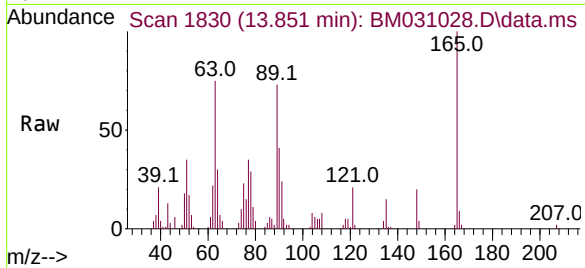




#51
2,6-Dinitrotoluene
Concen: 7.13 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

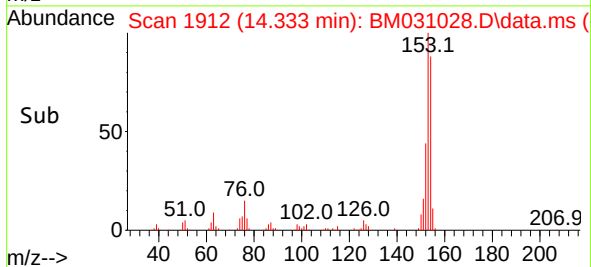
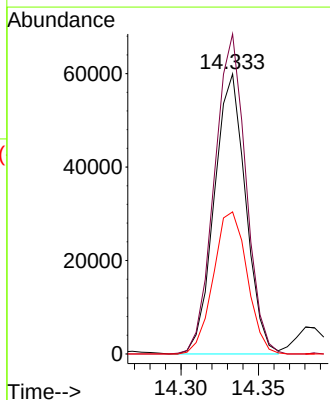
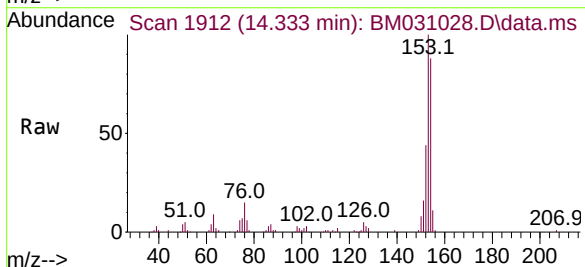
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

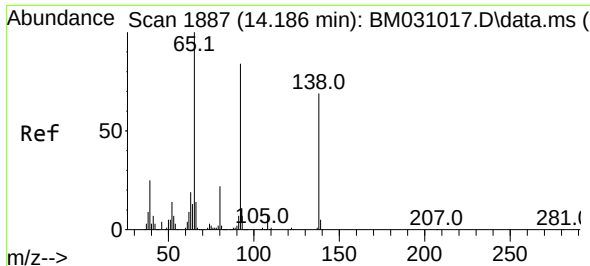
Tgt Ion:165 Resp: 24305
Ion Ratio Lower Upper
165 100
63 74.8 45.3 67.9#
89 73.4 46.3 69.5#



#52
Acenaphthene
Concen: 7.46 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:154 Resp: 84534
Ion Ratio Lower Upper
154 100
153 114.3 92.2 138.2
152 50.8 43.4 65.2

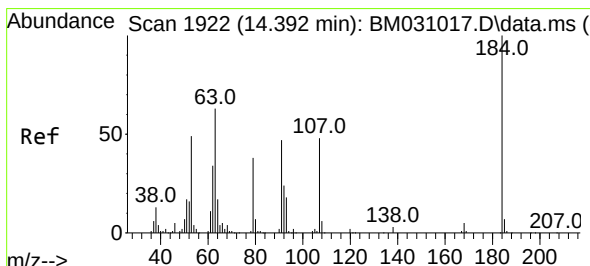
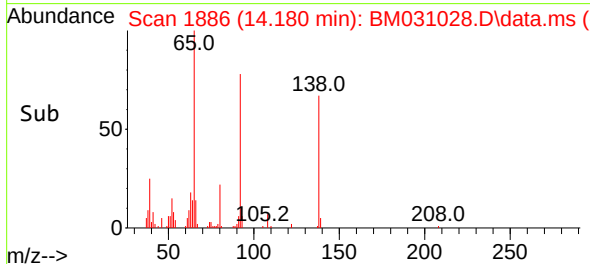
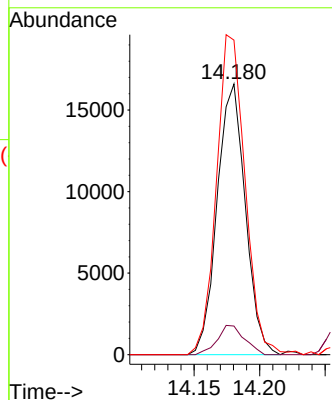
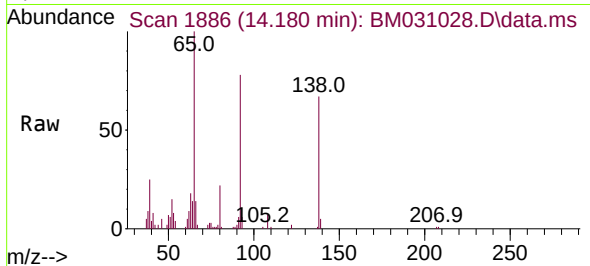




#53
3-Nitroaniline
Concen: 7.19 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

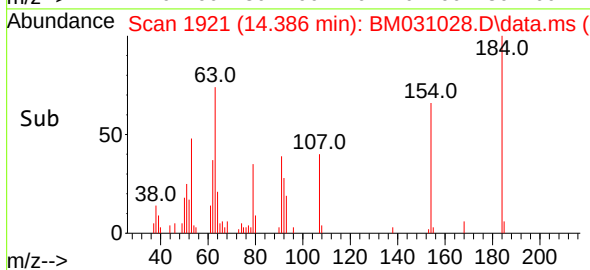
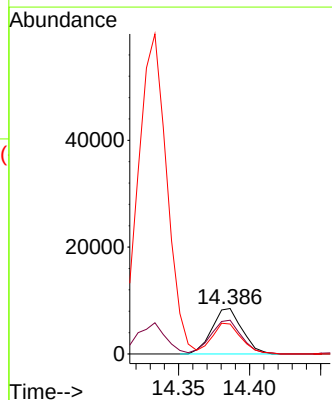
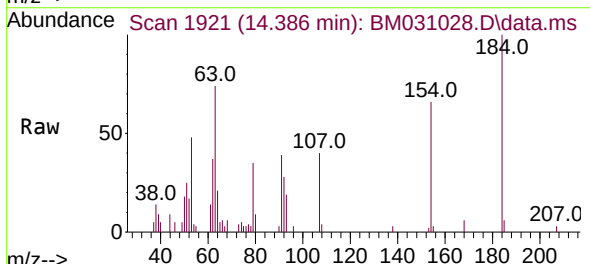
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

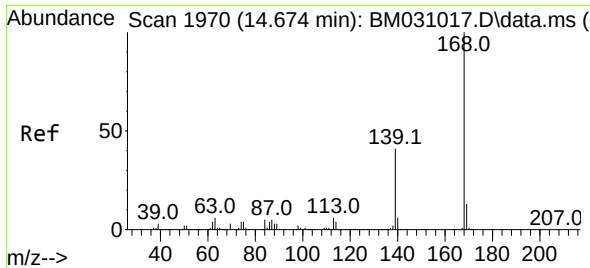
Tgt Ion:138 Resp: 24766
Ion Ratio Lower Upper
138 100
108 10.6 7.7 11.5
92 116.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 6.24 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:184 Resp: 12539
Ion Ratio Lower Upper
184 100
63 74.2 54.2 81.2
154 65.8 56.1 84.1

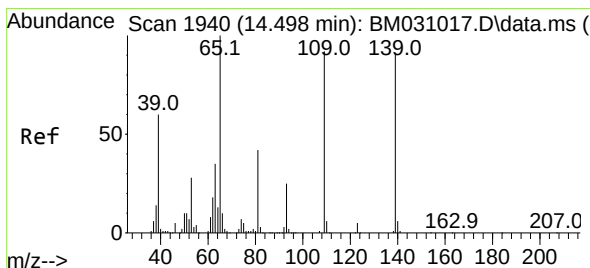
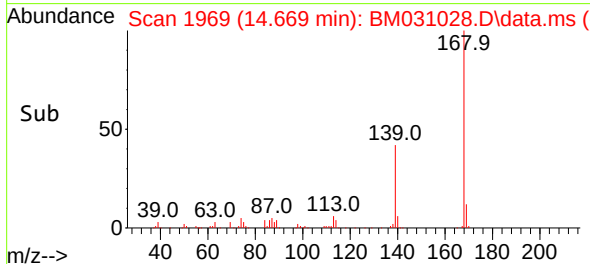
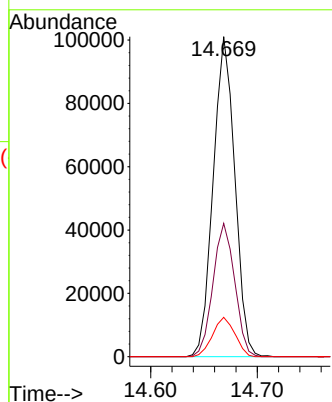
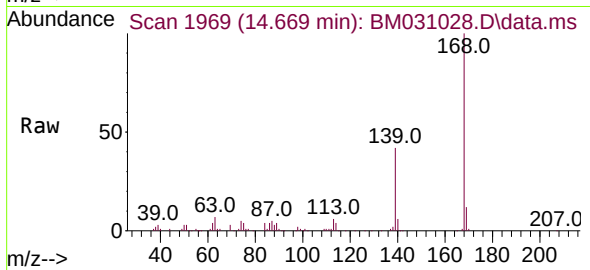




#55
Dibenzenofuran
Concen: 7.66 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

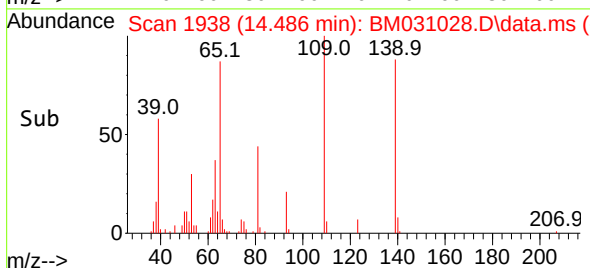
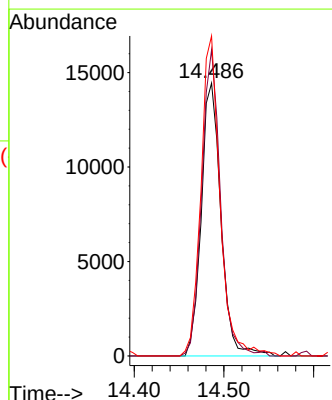
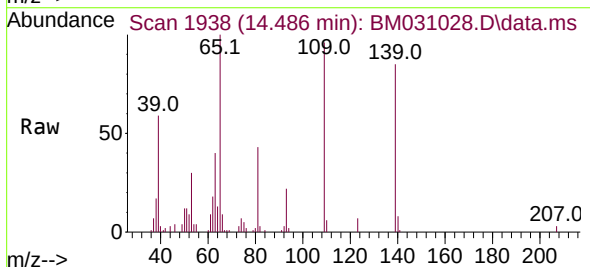
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

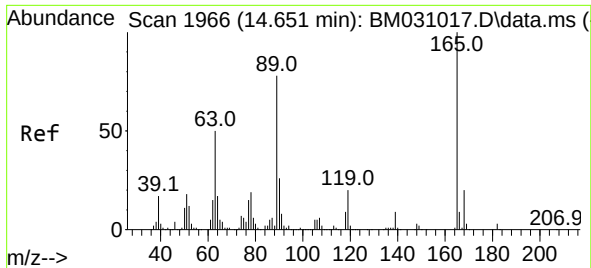
Tgt Ion:168 Resp: 142313
Ion Ratio Lower Upper
168 100
139 41.6 29.4 44.0
169 12.3 10.8 16.2



#56
4-Nitrophenol
Concen: 7.20 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

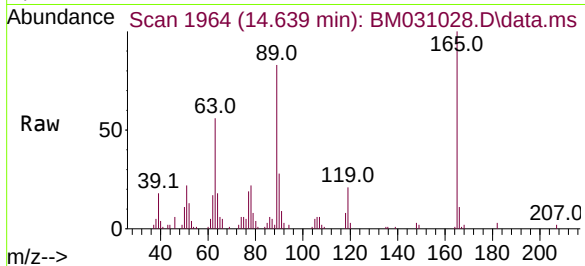
Tgt Ion:139 Resp: 21933
Ion Ratio Lower Upper
139 100
109 112.2 64.5 104.5#
65 117.3 78.9 118.9



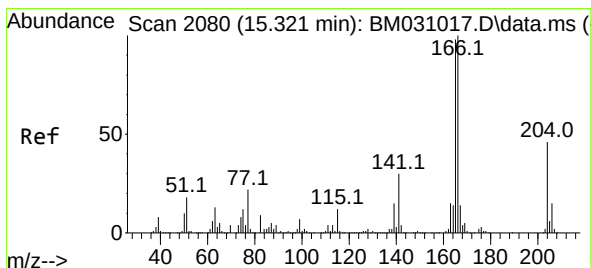
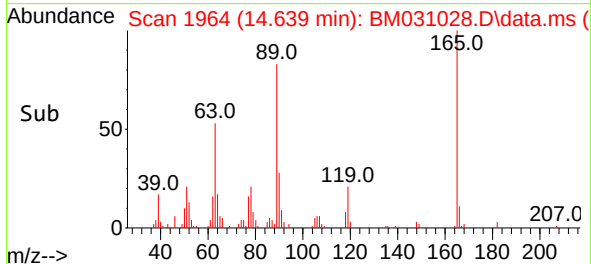
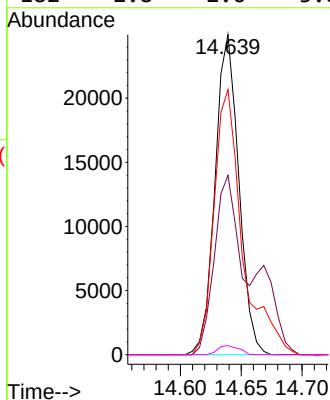


#57
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

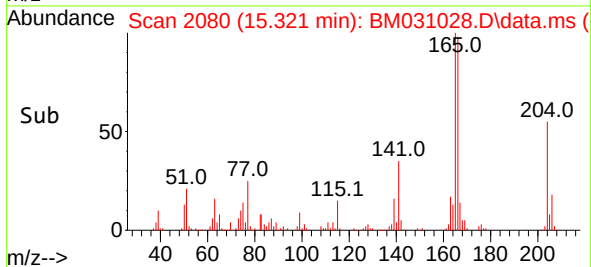
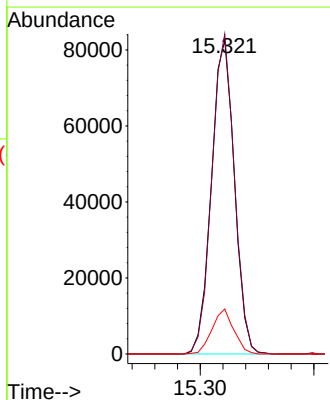
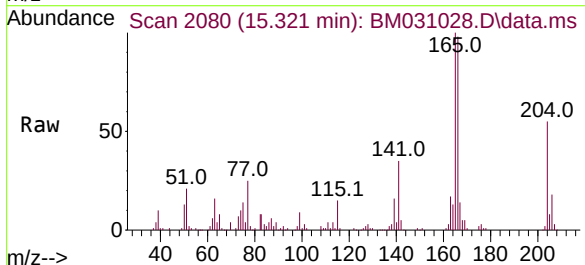


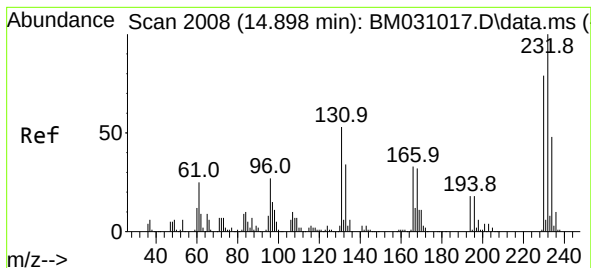
Tgt Ion:	165	Resp:	33854
Ion Ratio	Lower	Upper	
165	100		
63	56.0	35.0	52.4#
89	82.9	55.2	82.8#
182	2.8	2.6	3.8



#58
Fluorene
Concen: 7.39 ng
RT: 15.321 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	166	Resp:	115907
Ion Ratio	Lower	Upper	
166	100		
165	102.1	79.0	118.6
167	14.4	10.8	16.2

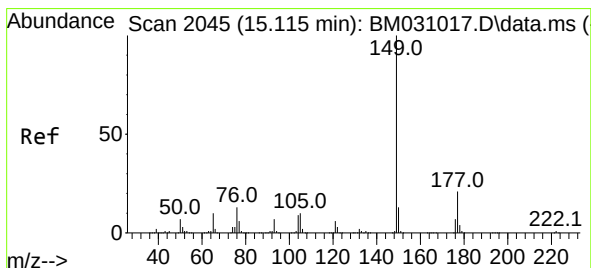
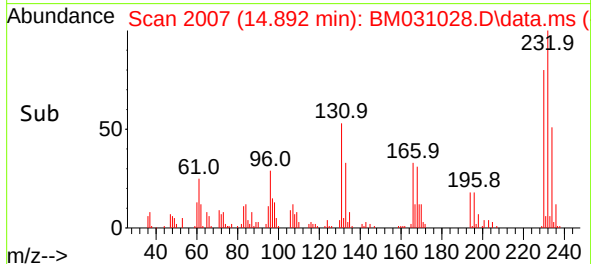
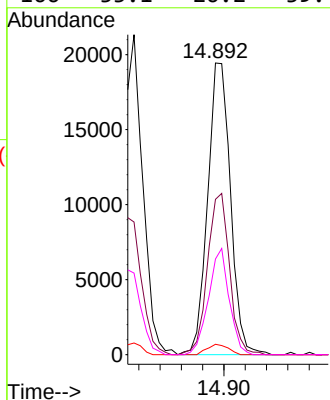
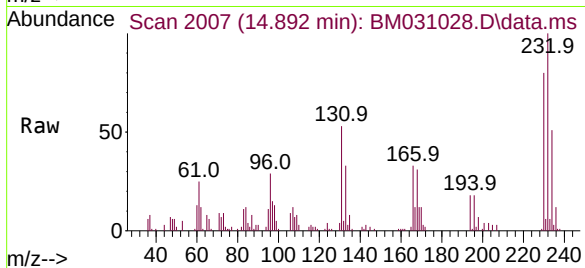




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.06 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

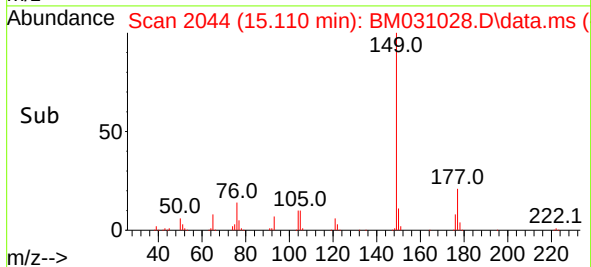
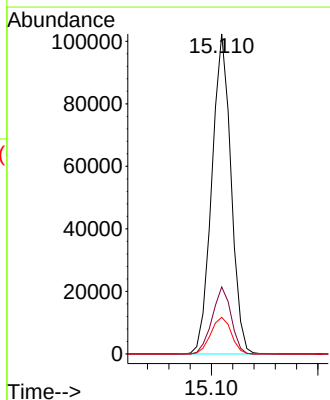
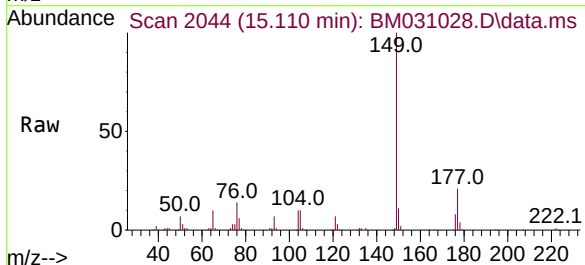
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

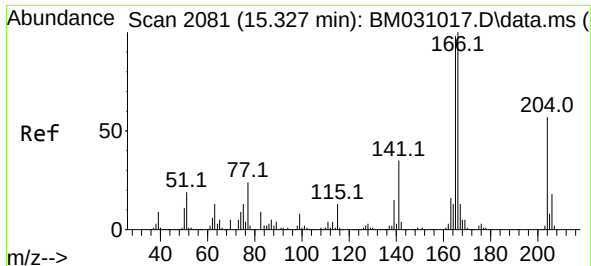
Tgt Ion:232 Resp: 28931
Ion Ratio Lower Upper
232 100
131 53.4 34.4 51.6#
130 3.2 2.2 3.2#
166 33.1 26.2 39.4



#60
Diethylphthalate
Concen: 7.82 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:149 Resp: 127645
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 11.5 10.3 15.5

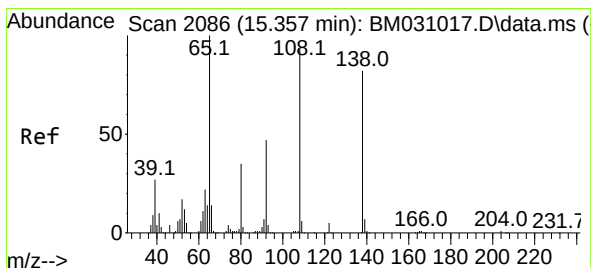
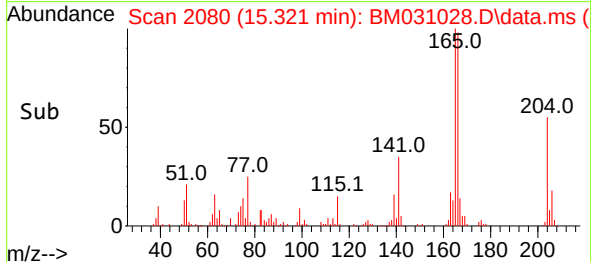
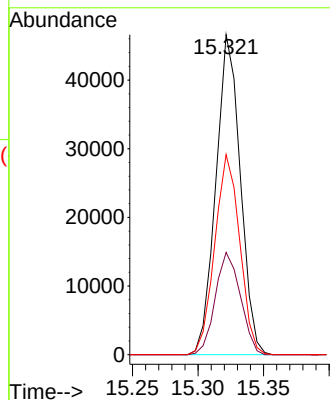
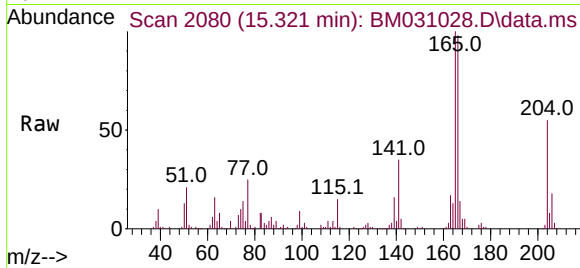




#61
4-Chlorophenyl-phenylether
Concen: 7.77 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

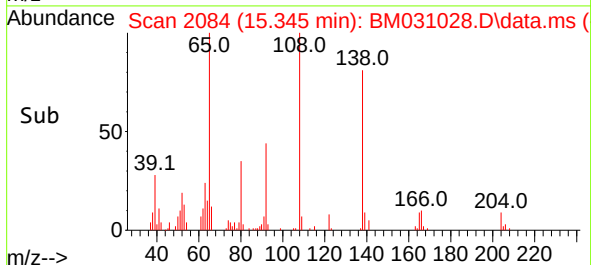
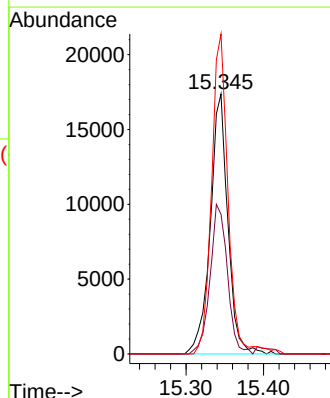
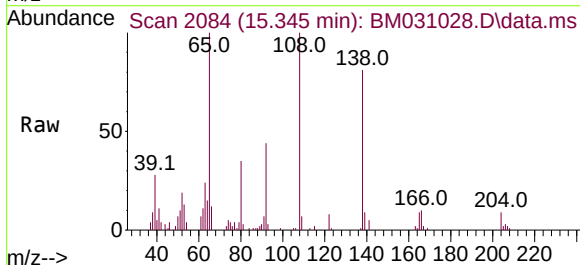
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

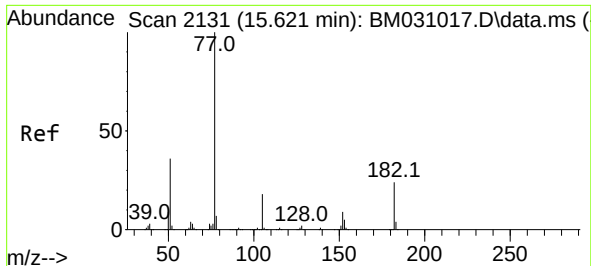
Tgt Ion:204 Resp: 60354
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 62.5 40.3 60.5#



#62
4-Nitroaniline
Concen: 7.21 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:138 Resp: 27409
Ion Ratio Lower Upper
138 100
92 53.7 33.4 73.4
108 123.1 75.5 115.5#

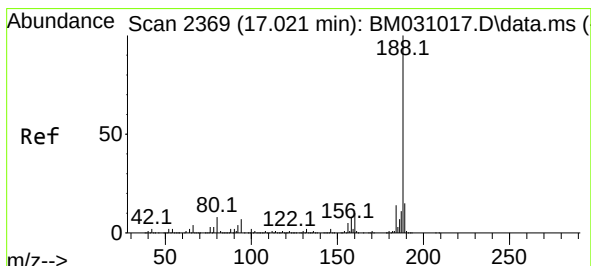
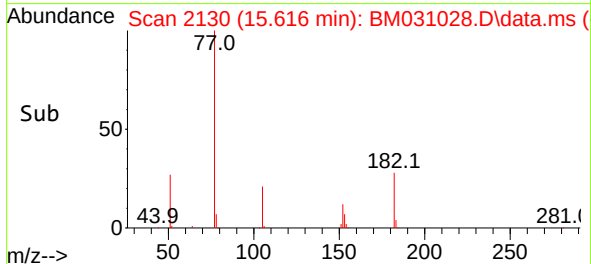
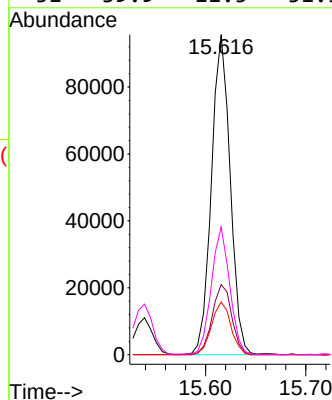
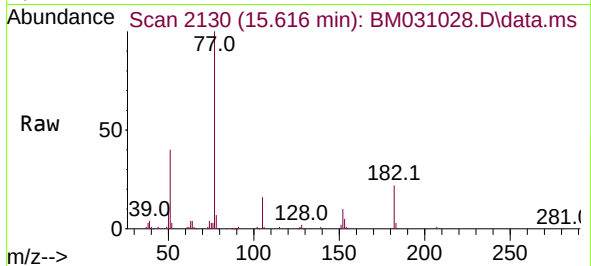




#63
Azobenzene
Concen: 7.67 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

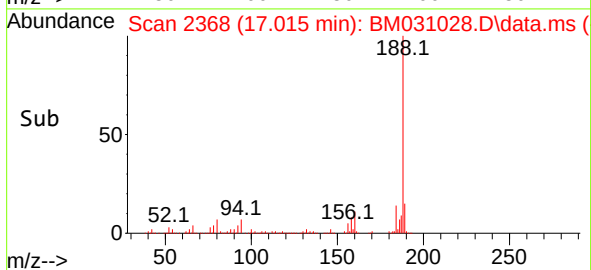
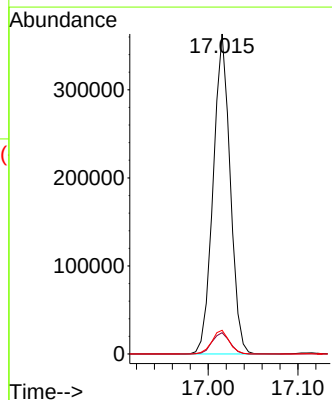
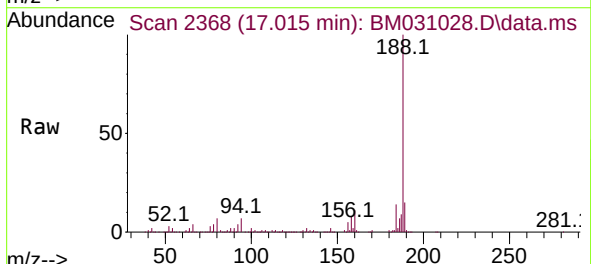
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

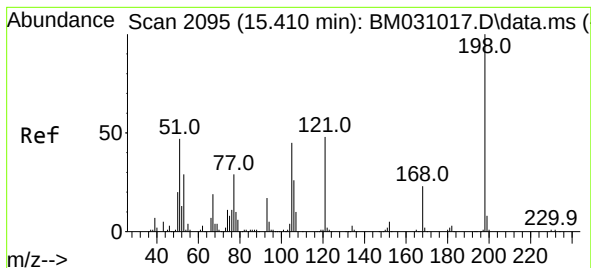
Tgt Ion: 77	Resp: 124646
Ion Ratio	Lower Upper
77 100	
182 21.9	6.8 46.8
105 16.4	0.0 36.6
51 39.9	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 188	Resp: 478266
Ion Ratio	Lower Upper
188 100	
94 6.6	6.0 9.0
80 7.4	6.6 9.8

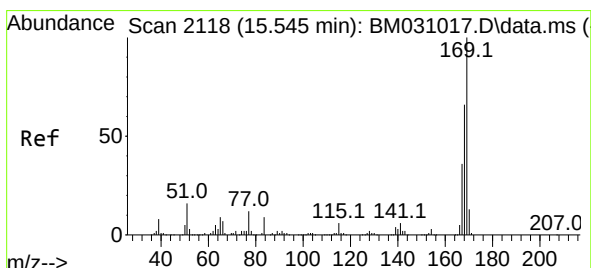
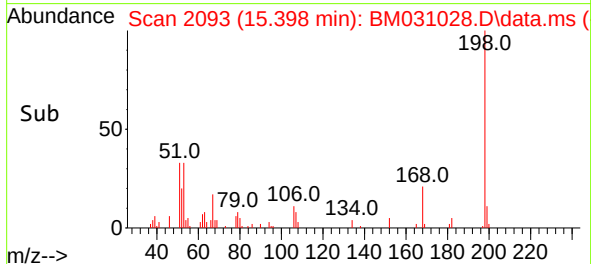
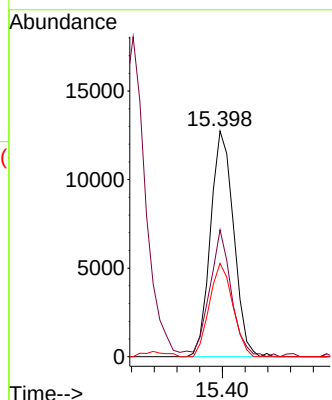
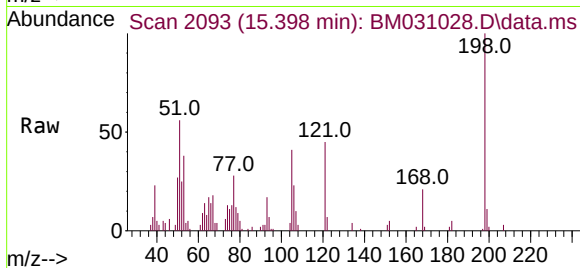




#65
4,6-Dinitro-2-methylphenol
Concen: 6.01 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

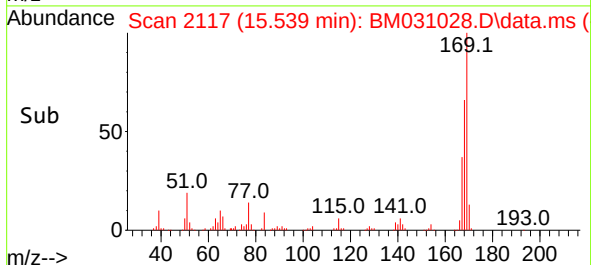
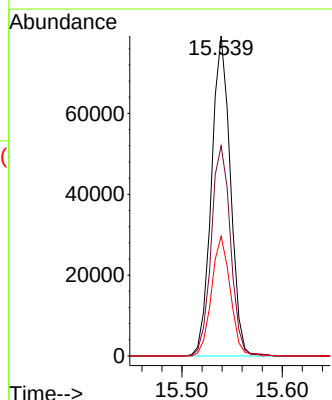
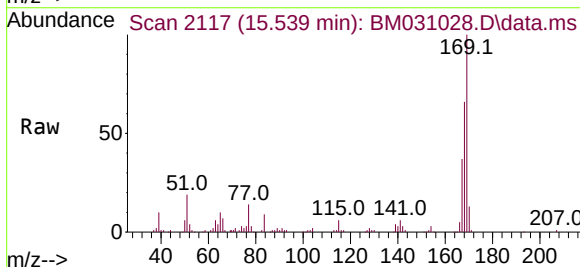
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

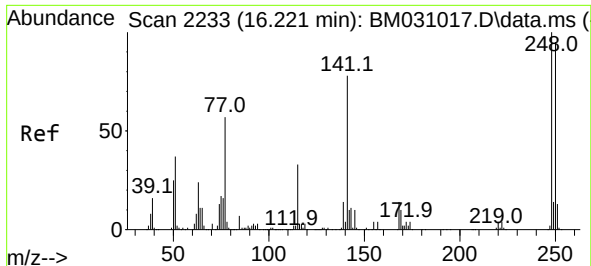
Tgt Ion:198 Resp: 18037
Ion Ratio Lower Upper
198 100
51 56.2 18.9 58.9
105 41.4 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 7.38 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:169 Resp: 103740
Ion Ratio Lower Upper
169 100
168 65.7 54.2 81.2
167 37.4 29.0 43.6

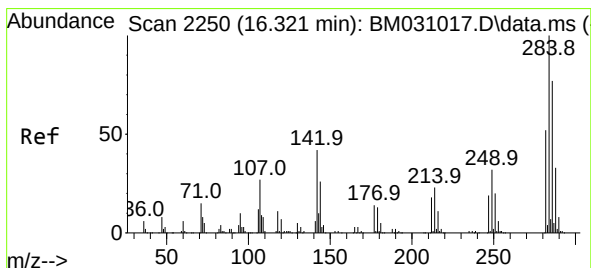
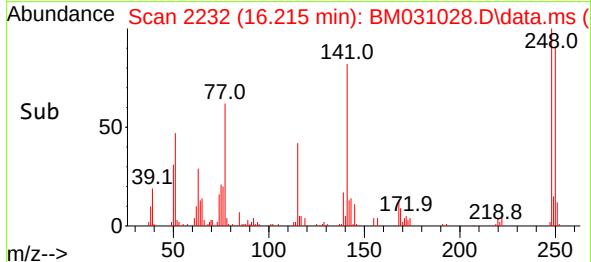
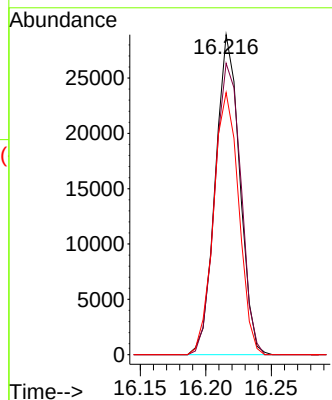
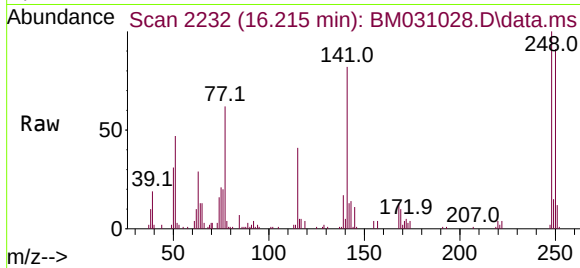




#67
4-Bromophenyl-phenylether
Concen: 7.53 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

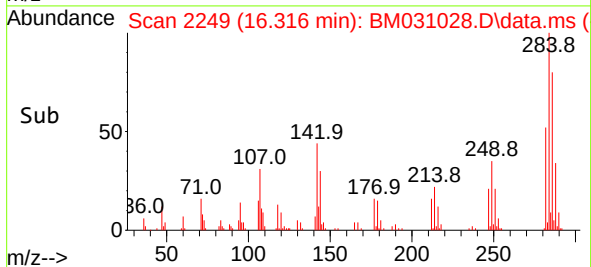
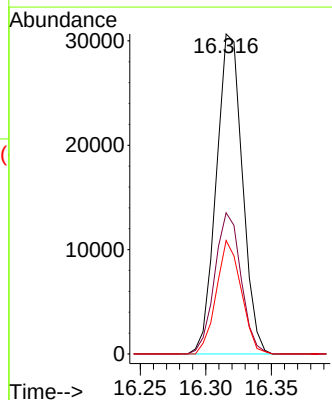
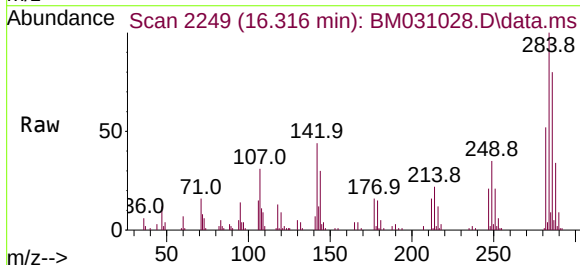
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

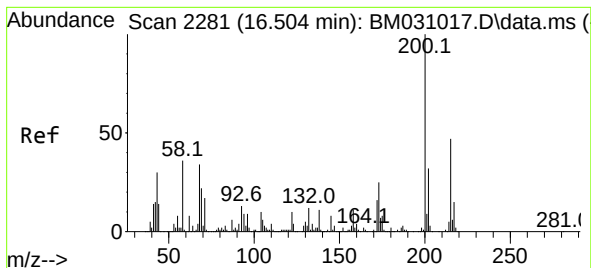
Tgt Ion:248 Resp: 37269
Ion Ratio Lower Upper
248 100
250 91.0 77.9 116.9
141 81.9 56.2 84.2



#68
Hexachlorobenzene
Concen: 7.61 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:284 Resp: 42449
Ion Ratio Lower Upper
284 100
142 44.1 29.0 43.4#
249 35.5 26.0 39.0





#69

Atrazine

Concen: 8.13 ng

RT: 16.492 min Scan# 2279

Delta R.T. -0.012 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

Tgt Ion:200 Resp: 41953

Ion Ratio Lower Upper

200 100

173 27.5 3.8 43.8

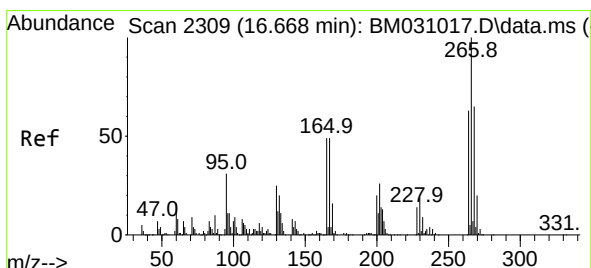
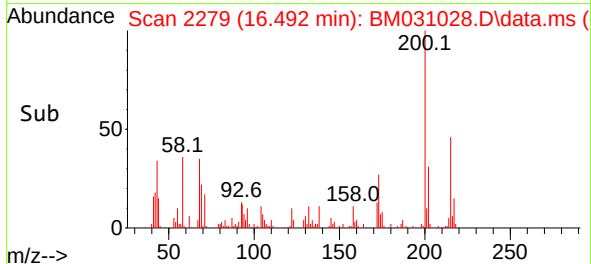
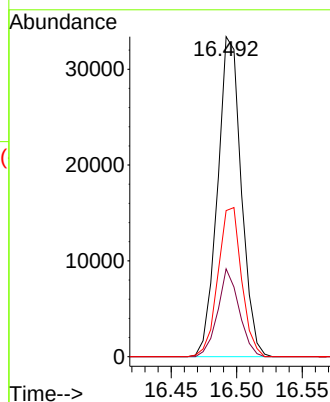
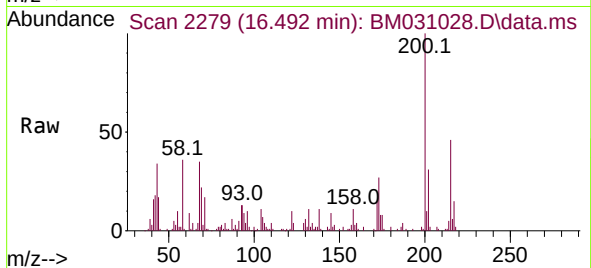
215 45.6 24.8 64.8

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#70

Pentachlorophenol

Concen: 6.87 ng

RT: 16.663 min Scan# 2308

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

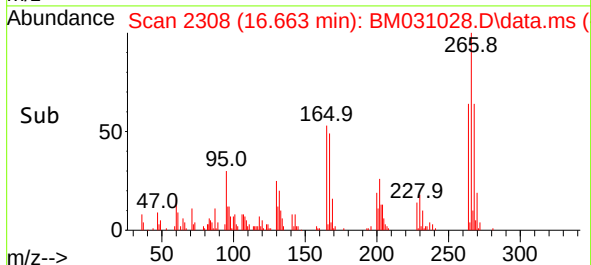
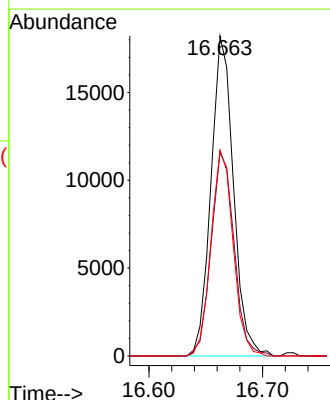
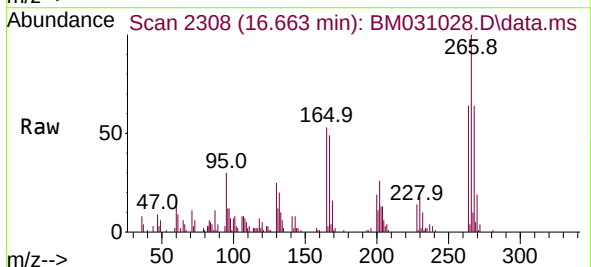
Tgt Ion:266 Resp: 25027

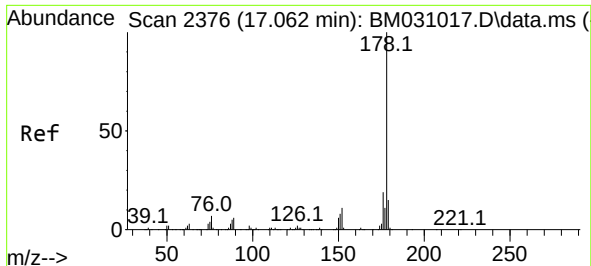
Ion Ratio Lower Upper

266 100

268 63.6 52.8 79.2

264 64.4 51.9 77.9

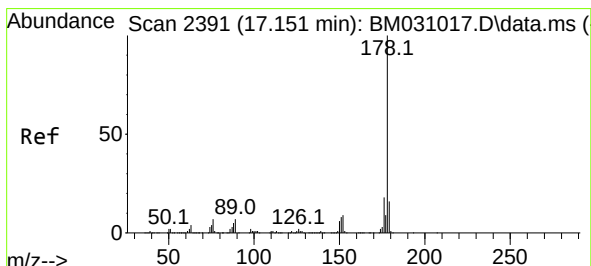
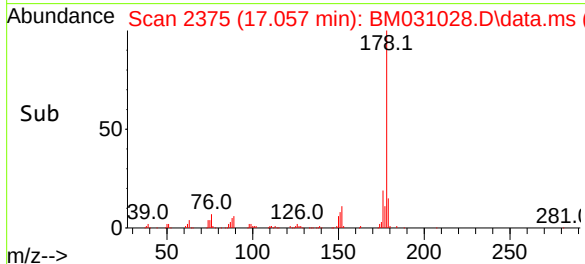
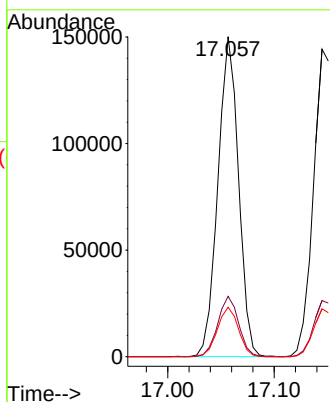
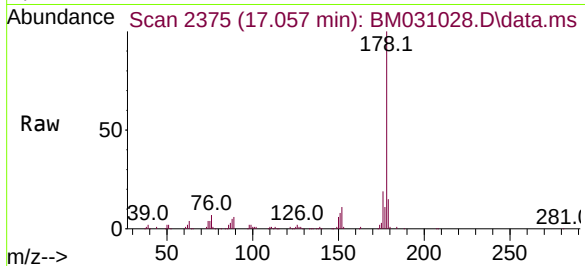




#71
Phenanthrene
Concen: 7.61 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

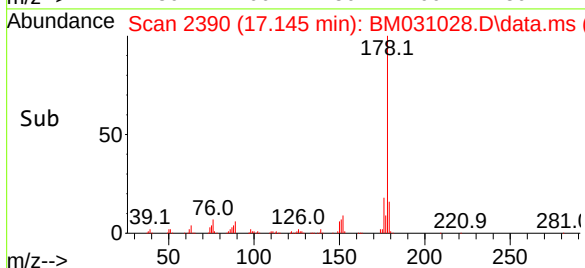
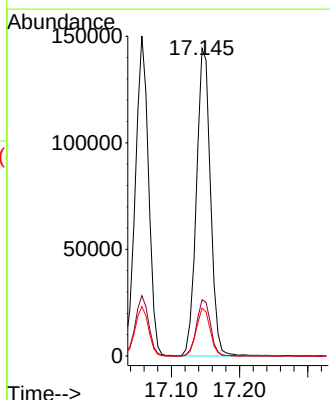
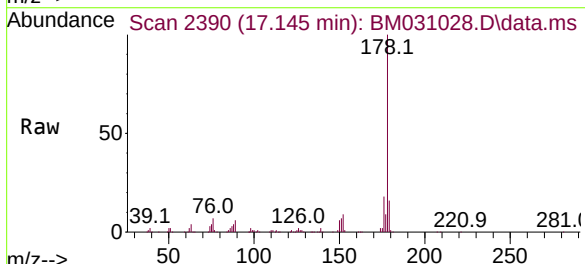
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

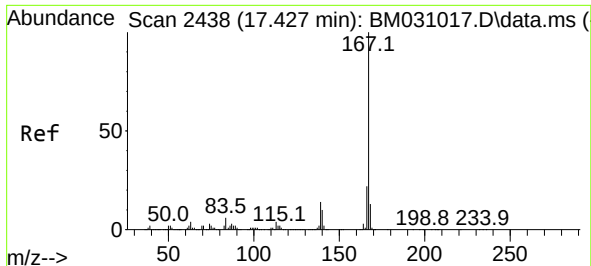
Tgt Ion:178 Resp: 201569
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.2 18.4



#72
Anthracene
Concen: 7.90 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:178 Resp: 206431
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.6 12.5 18.7

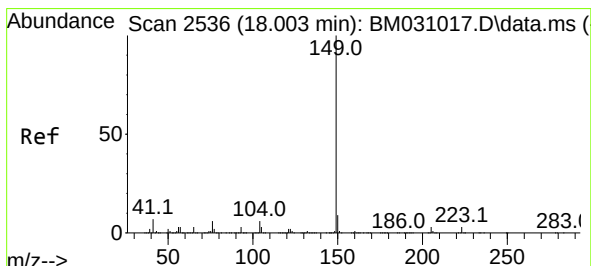
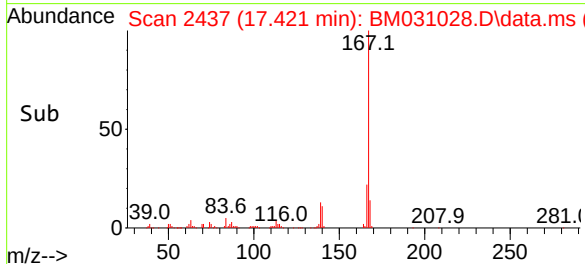
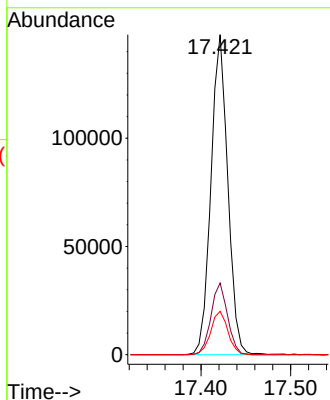
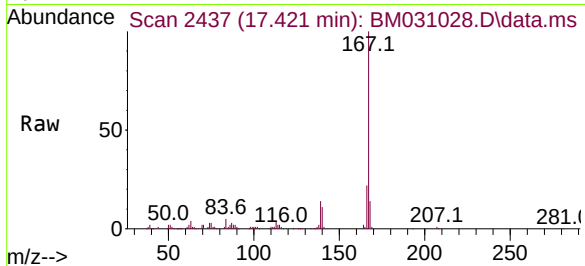




#73
Carbazole
Concen: 7.45 ng
RT: 17.421 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

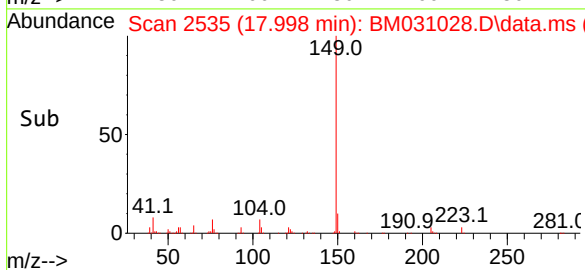
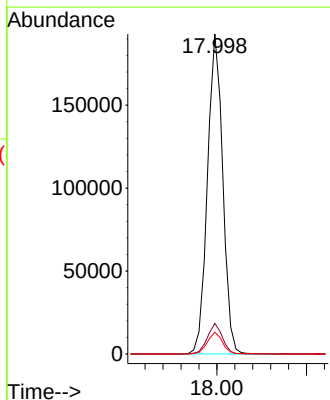
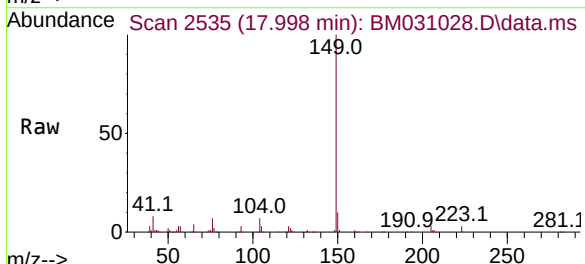
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

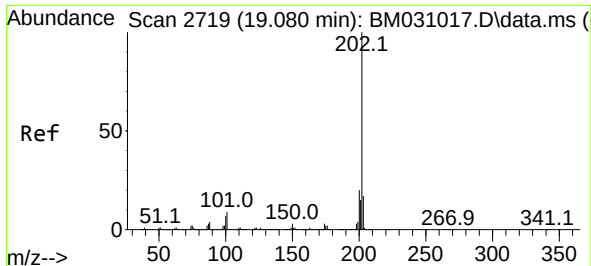
Tgt Ion:167 Resp: 192525
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.0
139 13.6 9.8 14.6



#74
Di-n-butylphthalate
Concen: 7.50 ng
RT: 17.998 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:149 Resp: 227895
Ion Ratio Lower Upper
149 100
150 9.5 7.2 10.8
104 6.8 4.3 6.5#

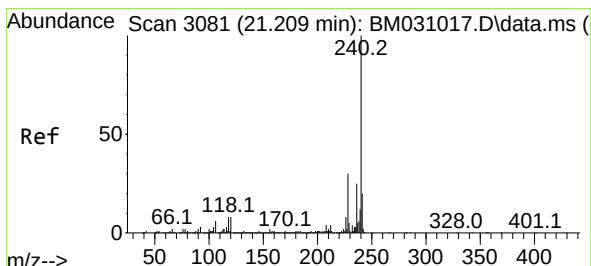
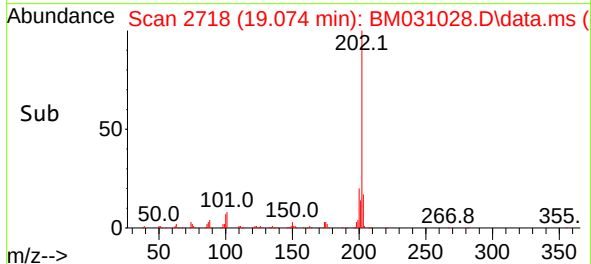
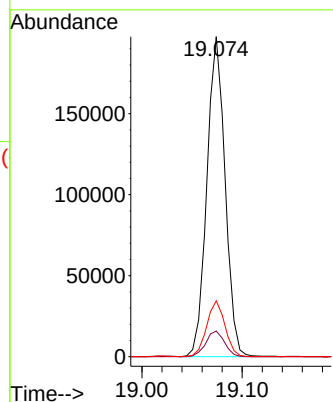
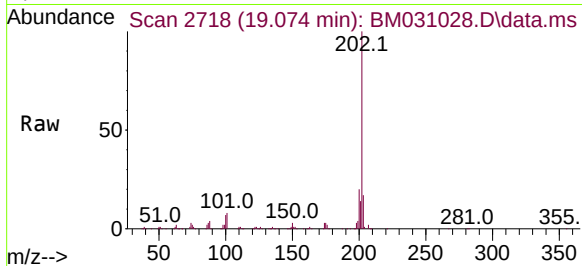




#75
Fluoranthene
Concen: 7.56 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

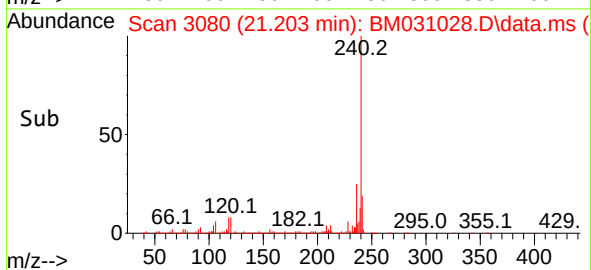
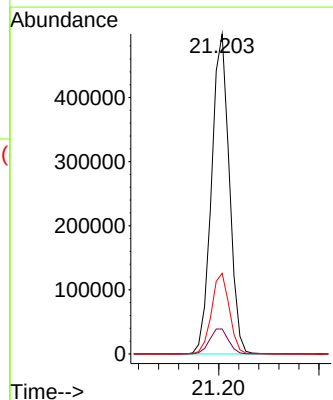
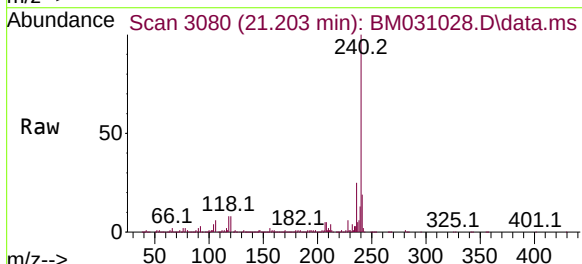
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

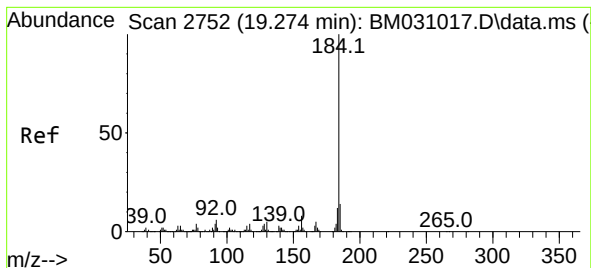
Tgt Ion:202 Resp: 250509
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:240 Resp: 612337
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.2 21.0 31.4





#77

Benzidine

Concen: 9.86 ng

RT: 19.268 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

Tgt Ion:184 Resp: 149071

Ion Ratio Lower Upper

184 100

185 13.8 10.9 16.3

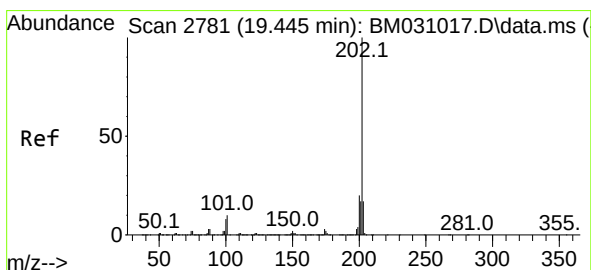
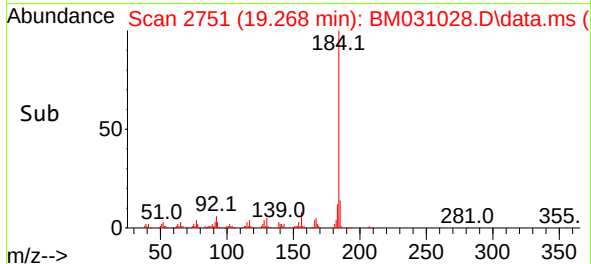
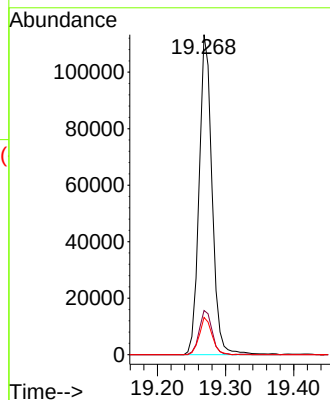
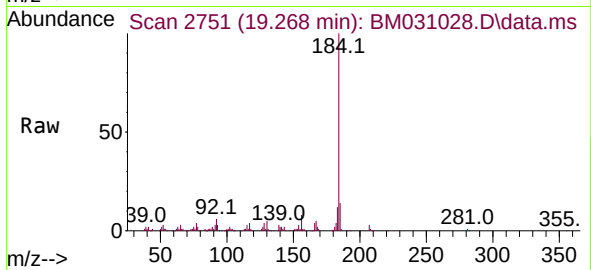
183 11.6 9.8 14.8

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#78

Pyrene

Concen: 7.04 ng

RT: 19.439 min Scan# 2780

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

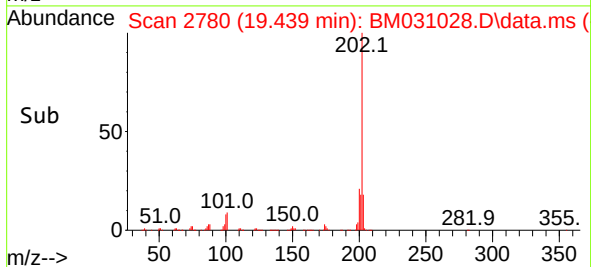
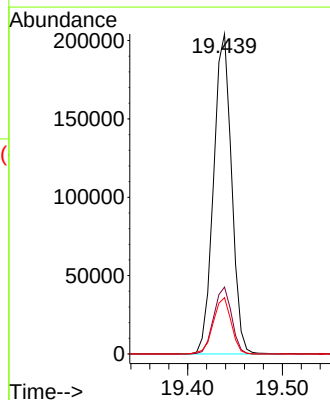
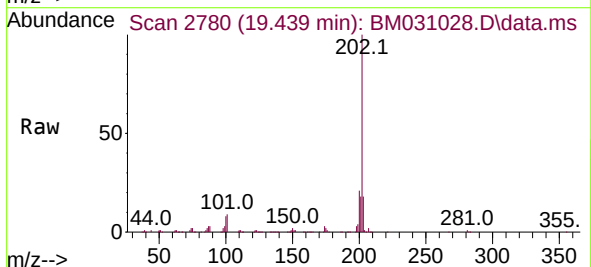
Tgt Ion:202 Resp: 269058

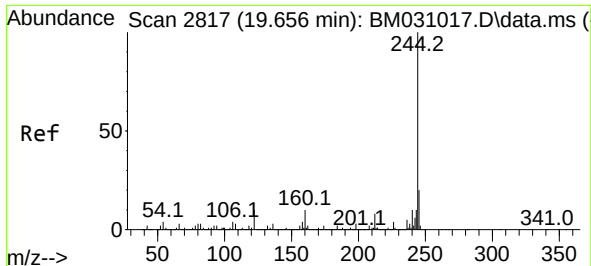
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 17.6 13.9 20.9

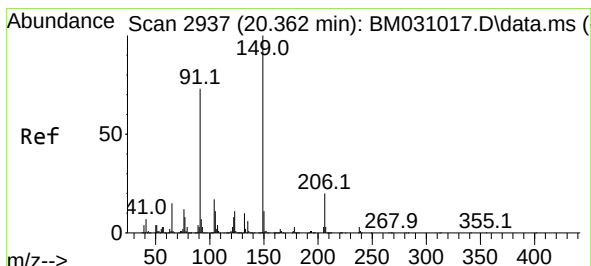
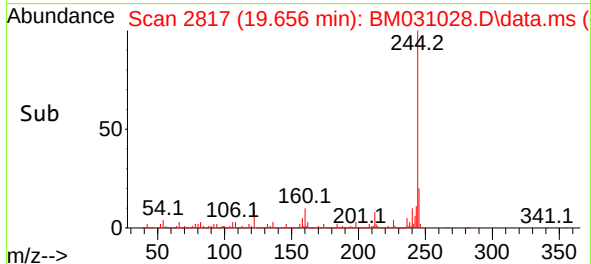
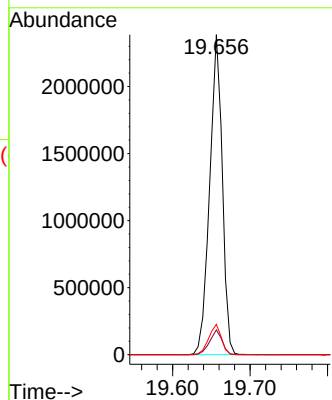
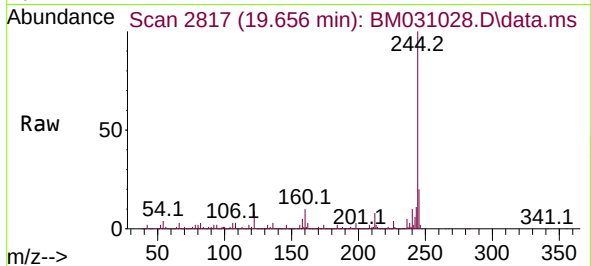




#79
 Terphenyl-d14
 Concen: 86.92 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23

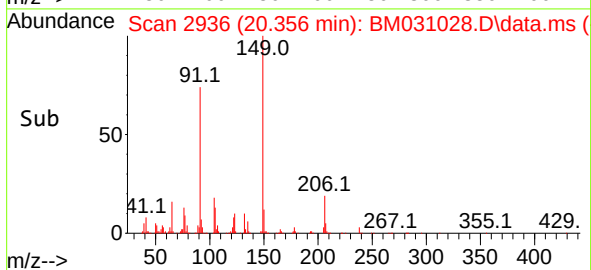
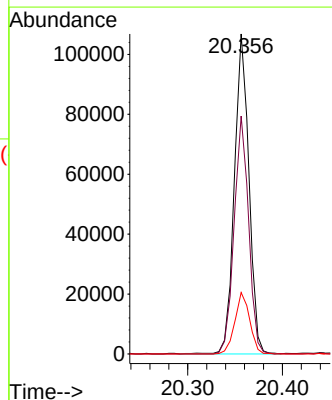
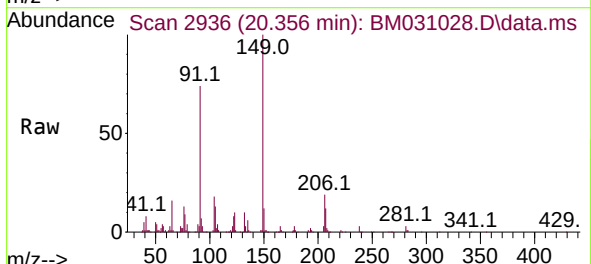
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

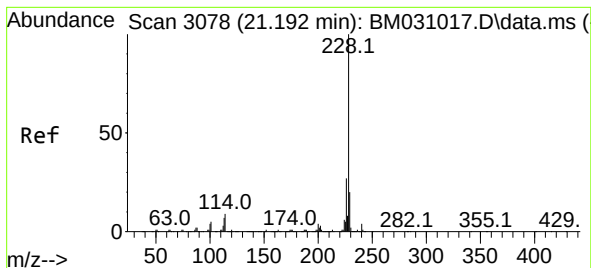
Tgt Ion:244 Resp: 2690081
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 9.5 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 6.98 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23

Tgt Ion:149 Resp: 113879
 Ion Ratio Lower Upper
 149 100
 91 74.3 57.4 86.0
 206 19.2 16.6 25.0





#81

Benzo(a)anthracene

Concen: 7.48 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

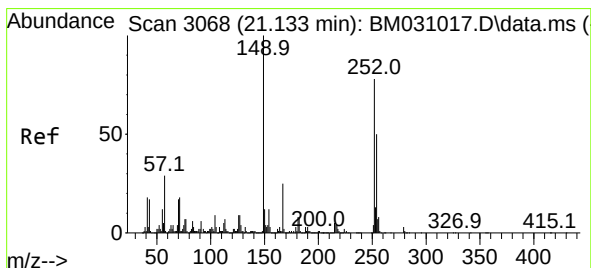
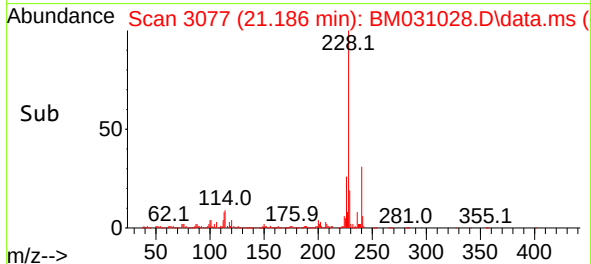
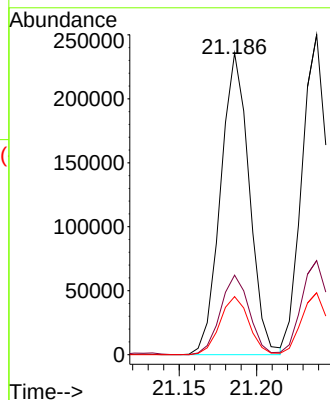
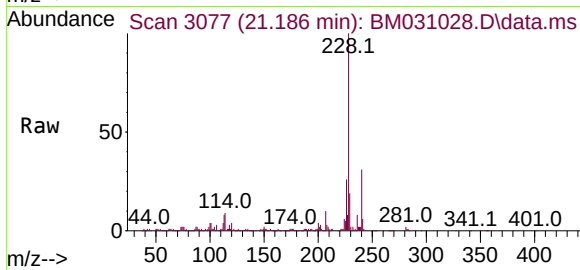
Tgt Ion:228 Resp: 303736

Ion Ratio Lower Upper

228 100

226 26.4 22.3 33.5

229 19.3 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 10.06 ng

RT: 21.127 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM031028.D

Acq: 20 Jul 2021 18:23

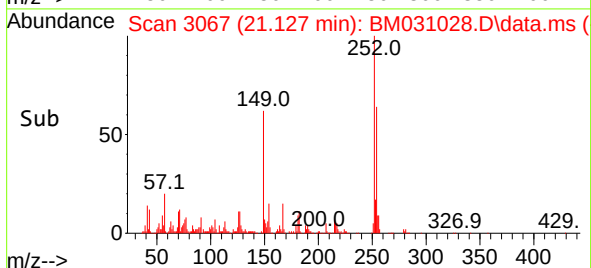
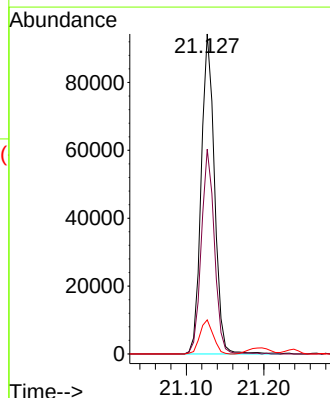
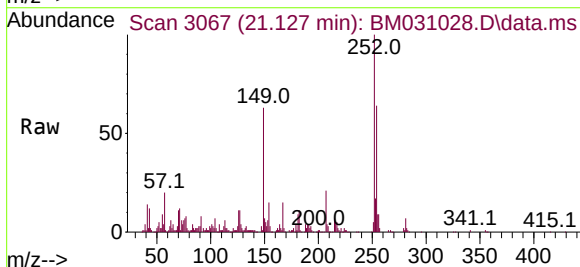
Tgt Ion:252 Resp: 111879

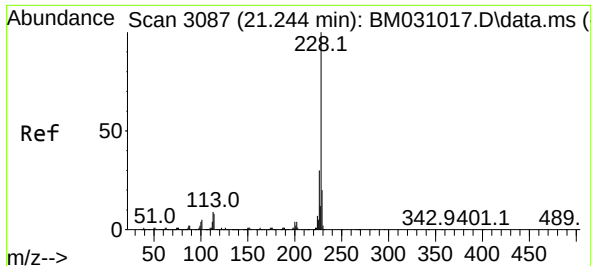
Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

126 10.7 8.6 13.0

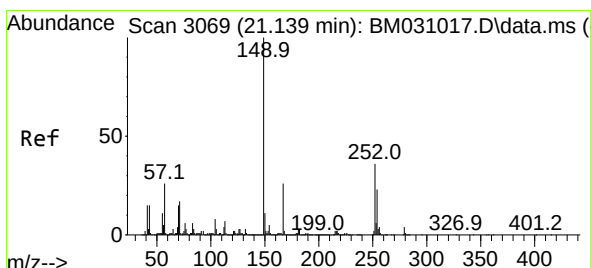
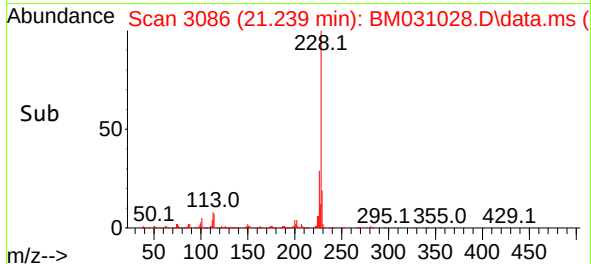
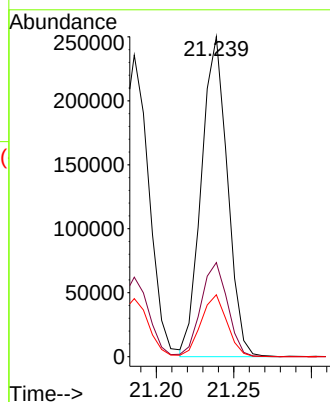
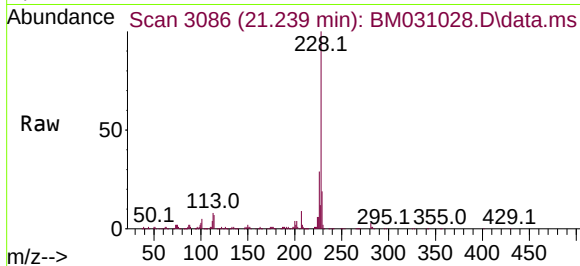




#83
Chrysene
Concen: 7.41 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

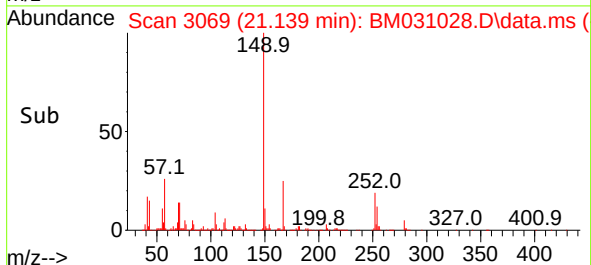
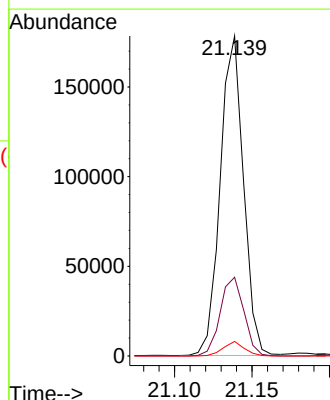
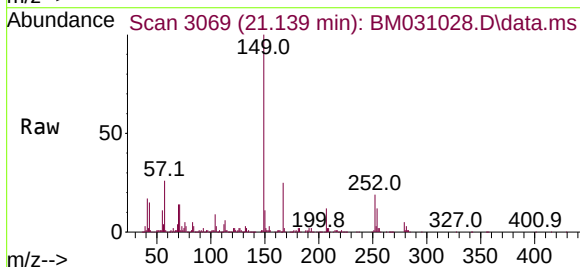
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

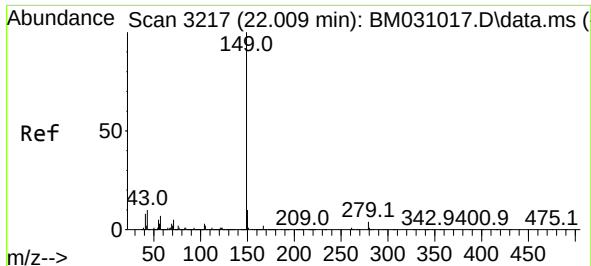
Tgt Ion:228	Resp:	292270
Ion Ratio	Lower	Upper
228	100	
226	29.4	24.6 36.8
229	19.4	15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.34 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:149	Resp:	185647
Ion Ratio	Lower	Upper
149	100	
167	24.6	22.6 33.8
279	4.6	3.8 5.8

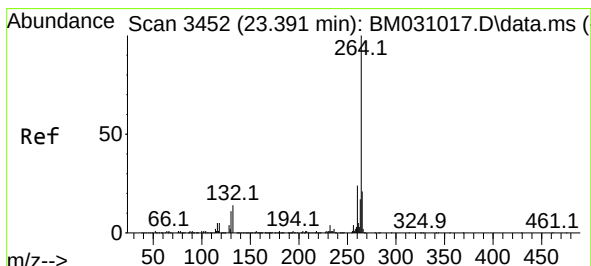
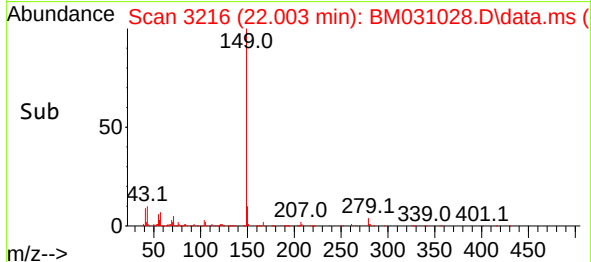
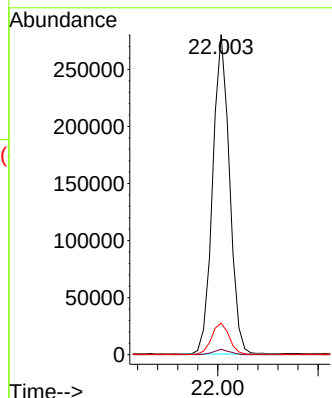
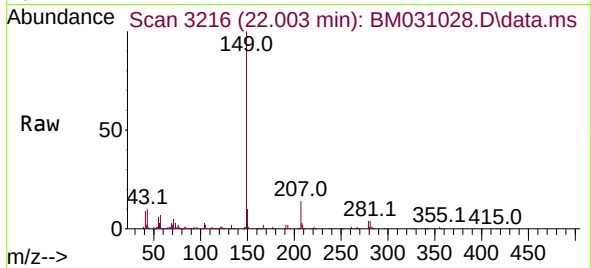




#85
Di-n-octyl phthalate
Concen: 7.55 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

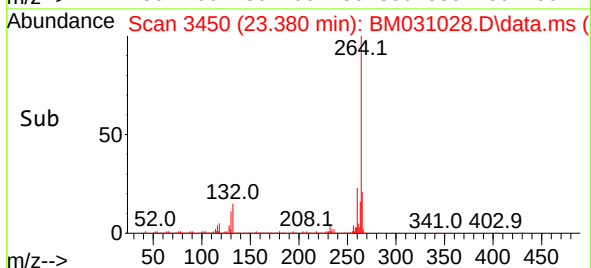
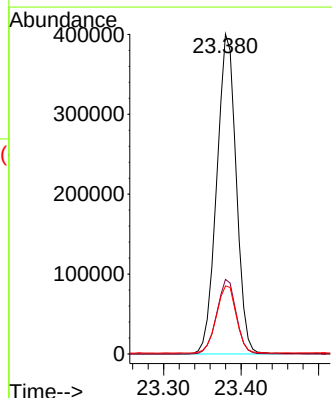
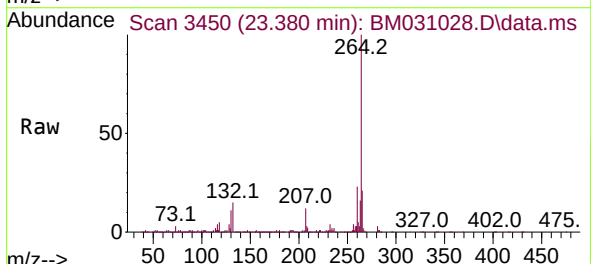
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

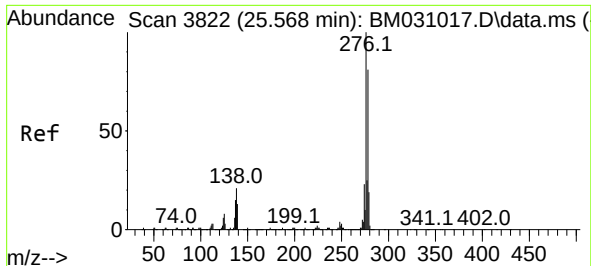
Tgt Ion:149 Resp: 327072
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 7.4 11.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:264 Resp: 698911
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.8
265 21.2 17.7 26.5

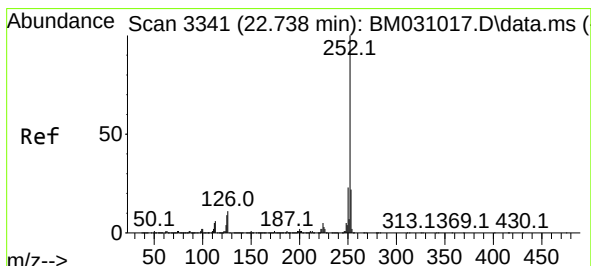
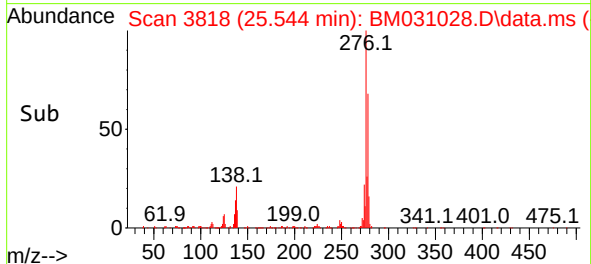
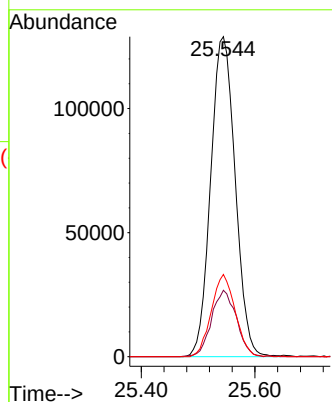
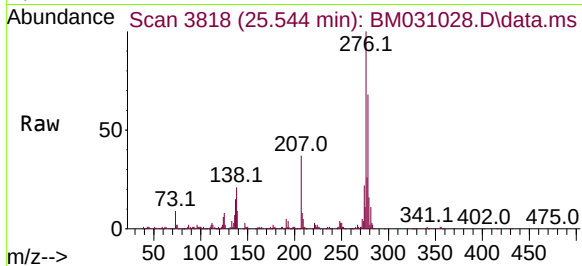




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.73 ng
RT: 25.544 min Scan# 3818
Delta R.T. -0.023 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

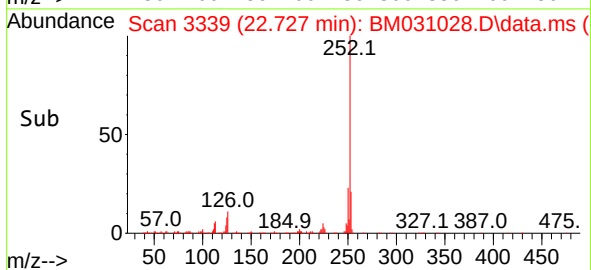
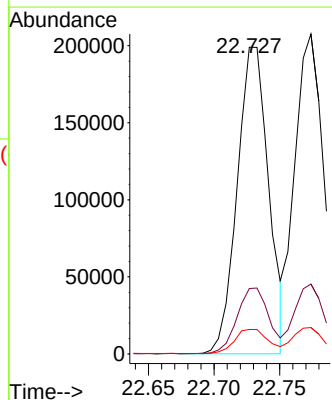
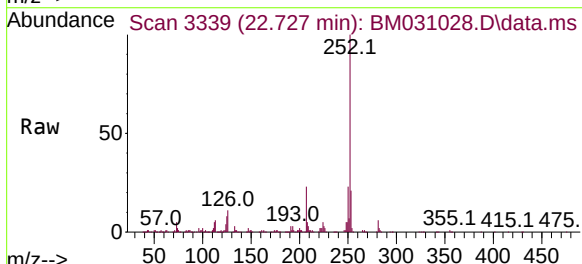
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

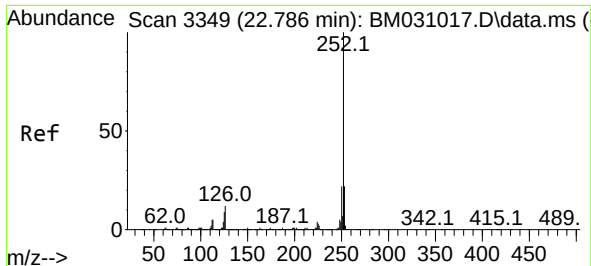
Tgt Ion:276 Resp: 386029
Ion Ratio Lower Upper
276 100
138 21.1 17.1 25.7
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 7.16 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:252 Resp: 331817
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 8.0 6.8 10.2

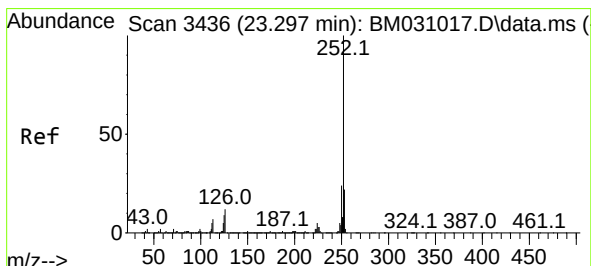
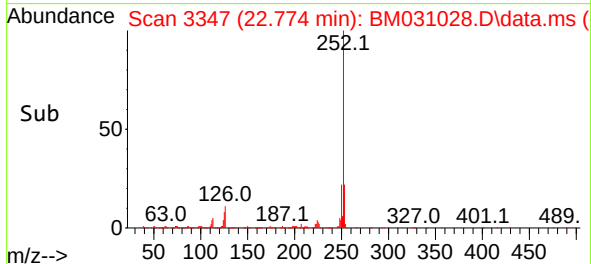
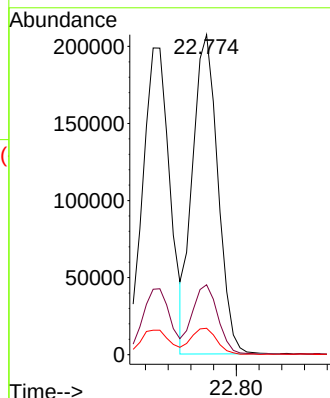
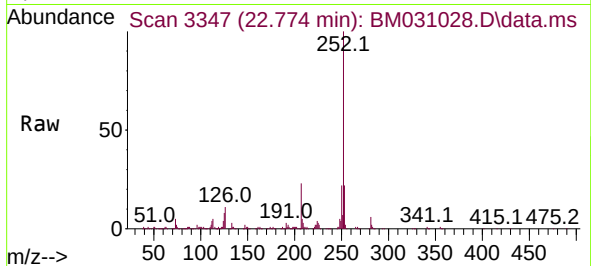




#89
Benzo(k)fluoranthene
Concen: 7.41 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

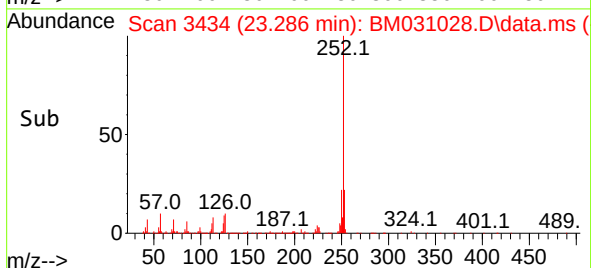
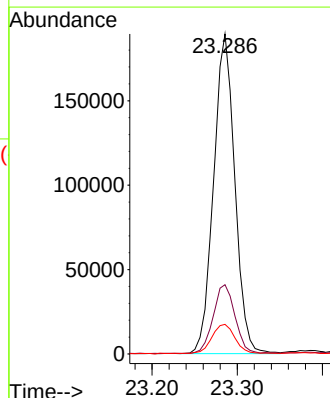
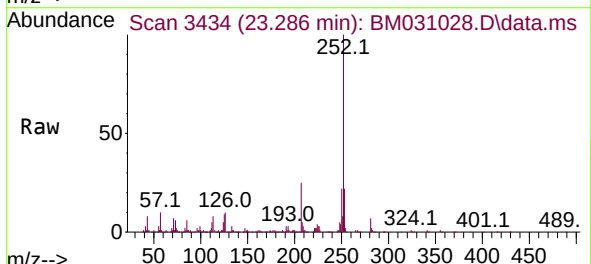
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

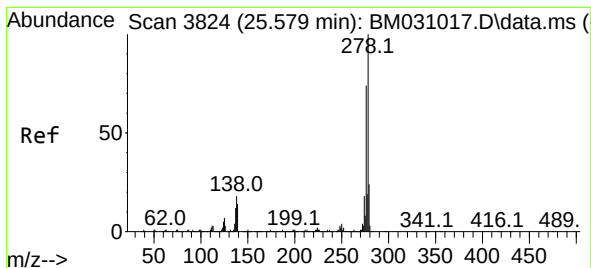
Tgt Ion:252 Resp: 320762
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 7.85 ng
RT: 23.286 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:252 Resp: 327421
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.2 7.3 10.9

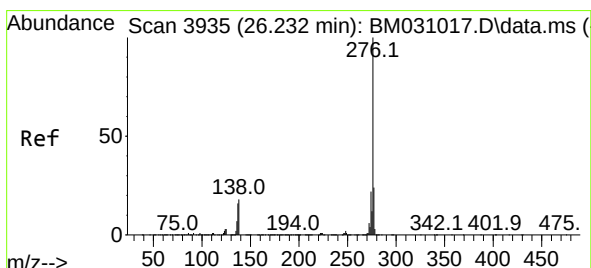
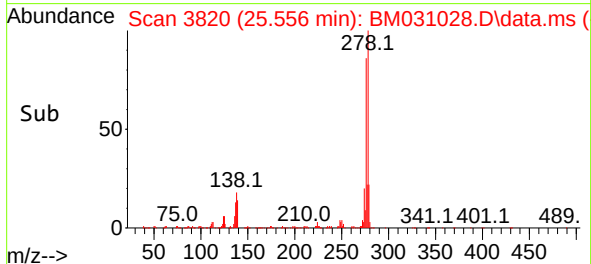
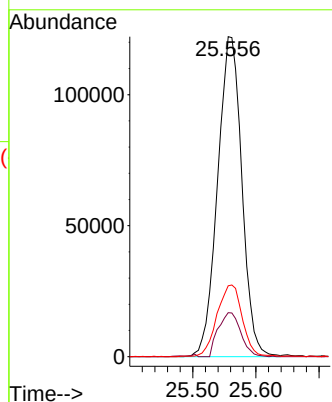
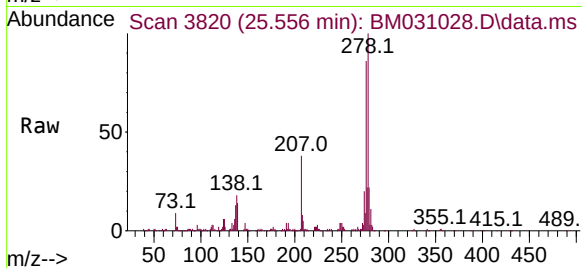




#91
Dibenzo(a,h)anthracene
Concen: 7.54 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:	278	Resp:	326109
Ion	Ratio	Lower	Upper
278	100		
139	13.7	11.0	16.4
279	22.1	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 7.71 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	276	Resp:	317436
Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.4	29.2
138	18.7	14.4	21.6

