

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034254.D
 Acq On : 16 Mar 2022 11:50
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppn
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 16 12:55:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	154507	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	619970	20.000	ng	0.00
39) Acenaphthene-d10	14.583	164	379493	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	692493	20.000	ng	0.00
76) Chrysene-d12	21.495	240	577452	20.000	ng	0.00
86) Perylene-d12	23.906	264	587996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1337967	155.350	ng	0.00
7) Phenol-d6	7.107	99	1844937	149.615	ng	0.00
23) Nitrobenzene-d5	9.107	82	1053588	82.739	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	705419	137.910	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	2343495	84.385	ng	0.00
79) Terphenyl-d14	19.942	244	2791719	84.006	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.355	88	29551	7.584	ng	97
3) Pyridine	3.766	79	70919	6.726	ng	96
4) n-Nitrosodimethylamine	3.672	42	38098	7.609	ng	# 94
6) Aniline	7.266	93	111588	7.919	ng	98
8) 2-Chlorophenol	7.507	128	76081	7.552	ng	95
9) Benzaldehyde	7.078	77	72631	10.932	ng	97
10) Phenol	7.131	94	92816	7.568	ng	95
11) bis(2-Chloroethyl)ether	7.366	93	77202	7.669	ng	96
12) 1,3-Dichlorobenzene	7.837	146	86410	7.562	ng	97
13) 1,4-Dichlorobenzene	7.984	146	88871	7.597	ng	99
14) 1,2-Dichlorobenzene	8.301	146	83293	7.304	ng	98
15) Benzyl Alcohol	8.184	79	67137	6.841	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.484	45	104234	7.545	ng	97
17) 2-Methylphenol	8.390	107	59795	6.961	ng	95
18) Hexachloroethane	9.037	117	32185	7.460	ng	96
19) n-Nitroso-di-n-propyla...	8.754	70	64033	7.179	ng	98
20) 3+4-Methylphenols	8.719	107	79207	6.668	ng	99
22) Acetophenone	8.772	105	121543	7.639	ng	# 99
24) Nitrobenzene	9.148	77	94179	7.922	ng	99
25) Isophorone	9.678	82	160366	7.526	ng	99
26) 2-Nitrophenol	9.866	139	33805	6.412	ng	94
27) 2,4-Dimethylphenol	9.925	122	67751	8.207	ng	98
28) bis(2-Chloroethoxy)met...	10.166	93	99374	7.284	ng	99
29) 2,4-Dichlorophenol	10.401	162	63690	6.640	ng	97
30) 1,2,4-Trichlorobenzene	10.625	180	80294	7.364	ng	96
31) Naphthalene	10.807	128	241644	7.481	ng	100
32) Benzoic acid	9.989	122	20002	2.930	ng	93
33) 4-Chloroaniline	10.913	127	85714	6.727	ng	98
34) Hexachlorobutadiene	11.107	225	51539	7.463	ng	98
35) Caprolactam	11.666	113	17496	5.247	ng	91
36) 4-Chloro-3-methylphenol	12.036	107	69119	6.288	ng	96
37) 2-Methylnaphthalene	12.419	142	166854	7.240	ng	99
38) 1-Methylnaphthalene	12.636	142	164542	7.298	ng	99
40) 1,2,4,5-Tetrachloroben...	12.789	216	90599	7.911	ng	99
41) Hexachlorocyclopentadiene	12.772	237	58589	8.835	ng	95
43) 2,4,6-Trichlorophenol	13.025	196	52365	6.623	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034254.D
 Acq On : 16 Mar 2022 11:50
 Operator : CG/JU
 Sample : N1645-01
 Misc : LOD-MDL-SOIL 8ppn
 ALS Vial : 5 Sample Multiplier: 1

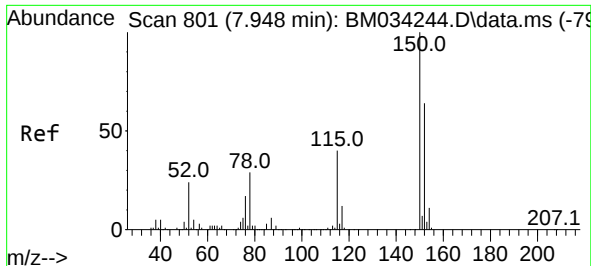
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 16 12:55:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	55095	6.492	ng	99
46) 1,1'-Biphenyl	13.424	154	220213	7.610	ng	100
47) 2-Chloronaphthalene	13.466	162	167501	7.541	ng	98
48) 2-Nitroaniline	13.666	65	38429	5.659	ng	99
49) Acenaphthylene	14.307	152	262374	7.579	ng	98
50) Dimethylphthalate	14.036	163	197660	6.843	ng	99
51) 2,6-Dinitrotoluene	14.154	165	39474	6.663	ng	96
52) Acenaphthene	14.648	154	162766	6.980	ng	99
53) 3-Nitroaniline	14.483	138	30026	5.052	ng #	99
54) 2,4-Dinitrophenol	14.689	184	12747	3.840	ng	97
55) Dibenzofuran	14.983	168	245837	7.075	ng	98
56) 4-Nitrophenol	14.783	139	16785	3.483	ng	93
57) 2,4-Dinitrotoluene	14.936	165	46225	5.772	ng	96
58) Fluorene	15.630	166	191011	6.771	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	47255	6.175	ng	98
60) Diethylphthalate	15.401	149	193959	6.545	ng	98
61) 4-Chlorophenyl-phenyle...	15.624	204	98077	6.810	ng	99
62) 4-Nitroaniline	15.636	138	23951	4.189	ng	98
63) Azobenzene	15.918	77	185358	6.487	ng	100
65) 4,6-Dinitro-2-methylph...	15.701	198	21167	4.701	ng	95
66) n-Nitrosodiphenylamine	15.836	169	159327	7.242	ng	99
67) 4-Bromophenyl-phenylether	16.518	248	57252	7.192	ng	95
68) Hexachlorobenzene	16.636	284	66719	7.514	ng	98
69) Atrazine	16.777	200	52438	7.231	ng	98
70) Pentachlorophenol	16.977	266	32339	5.695	ng	95
71) Phenanthrene	17.365	178	280258	7.227	ng	99
72) Anthracene	17.454	178	269517	7.140	ng	99
73) Carbazole	17.724	167	205779	5.845	ng	99
74) Di-n-butylphthalate	18.289	149	262382	5.995	ng	99
75) Fluoranthene	19.377	202	278058	6.396	ng	99
77) Benzidine	19.559	184	21600	2.553	ng	97
78) Pyrene	19.736	202	293404	7.212	ng	99
80) Butylbenzylphthalate	20.630	149	96651	5.617	ng	96
81) Benzo(a)anthracene	21.477	228	251482	6.900	ng	99
82) 3,3'-Dichlorobenzidine	21.412	252	73282	6.020	ng	99
83) Chrysene	21.530	228	258458	6.944	ng	98
84) Bis(2-ethylhexyl)phtha...	21.406	149	143078	5.631	ng	99
85) Di-n-octyl phthalate	22.336	149	233791	5.797	ng	98
87) Indeno(1,2,3-cd)pyrene	26.418	276	248987	6.583	ng	99
88) Benzo(b)fluoranthene	23.171	252	238235	6.776	ng	99
89) Benzo(k)fluoranthene	23.218	252	269518	7.236	ng	100
90) Benzo(a)pyrene	23.800	252	228969	7.682	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	201568	6.572	ng	98
92) Benzo(g,h,i)perylene	27.188	276	241696	7.614	ng	97

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

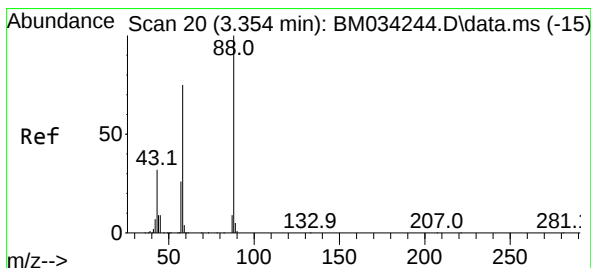
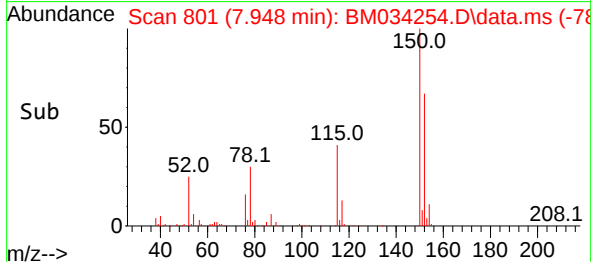
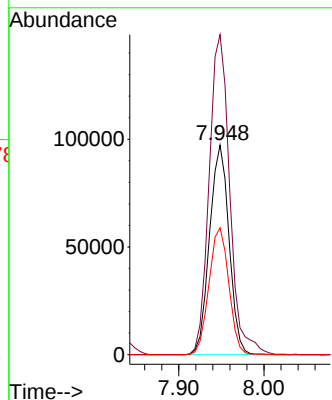
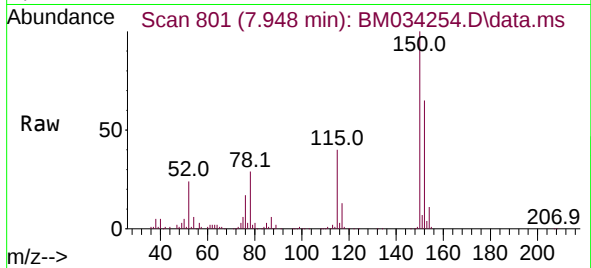
[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

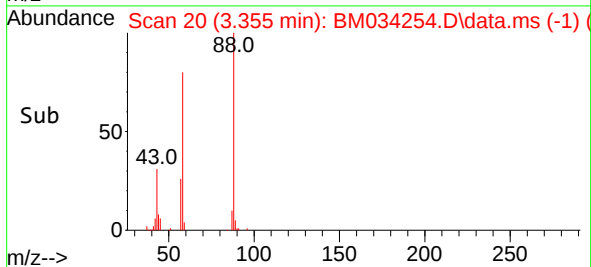
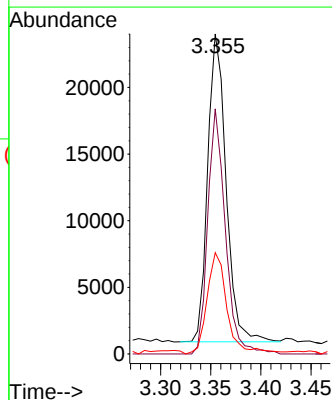
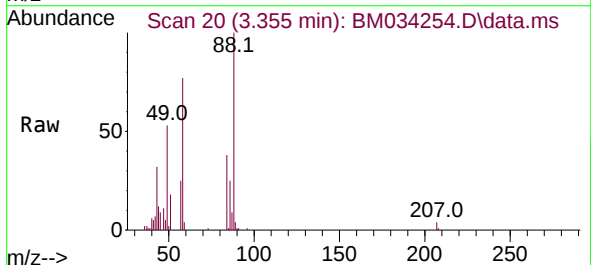
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

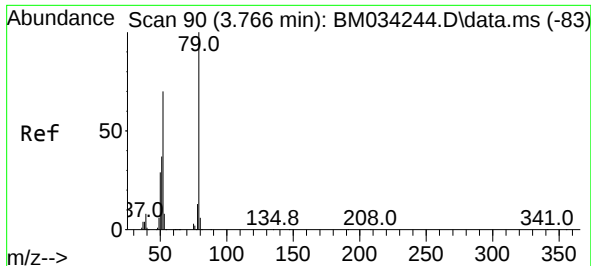
Tgt Ion:152 Resp: 154507
Ion Ratio Lower Upper
152 100
150 152.7 125.4 188.2
115 60.6 50.1 75.1



#2
1,4-Dioxane
Concen: 7.584 ng
RT: 3.355 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 88 Resp: 29551
Ion Ratio Lower Upper
88 100
58 76.1 60.4 90.6
43 36.1 25.4 38.0

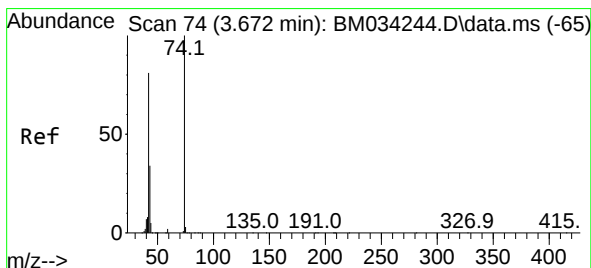
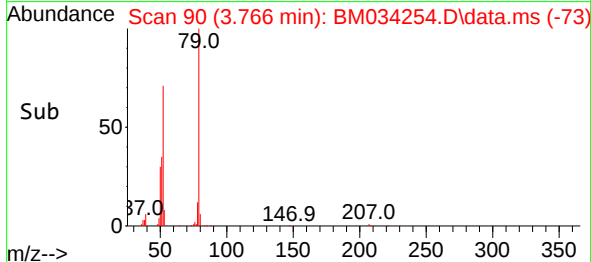
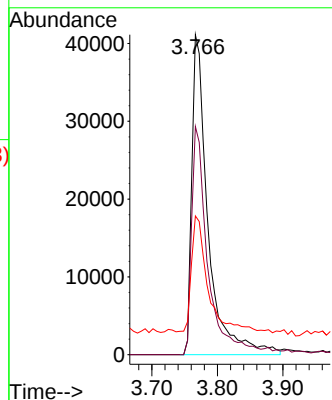
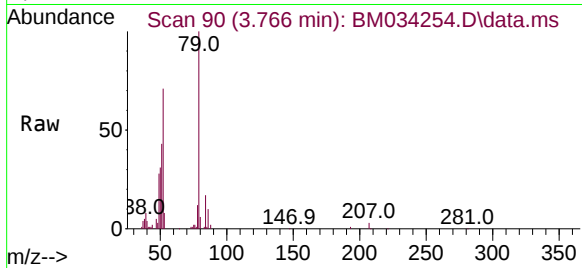




#3
 Pyridine
 Concen: 6.726 ng
 RT: 3.766 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

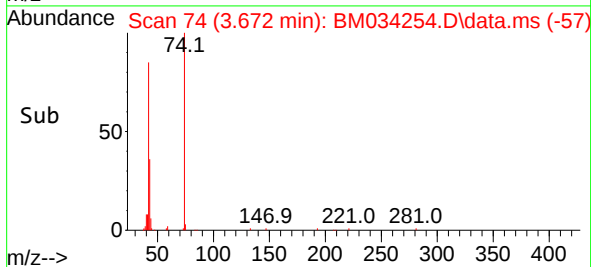
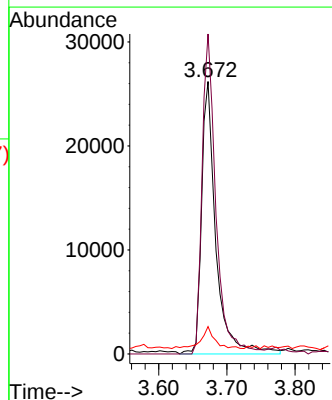
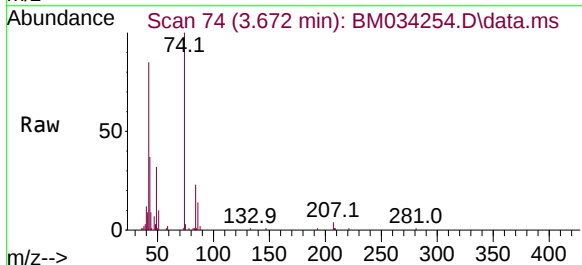
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

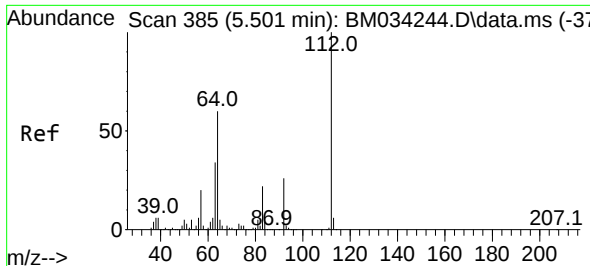
Tgt Ion: 79 Resp: 70919
 Ion Ratio Lower Upper
 79 100
 52 71.3 56.1 84.1
 51 43.4 30.4 45.6



#4
 n-Nitrosodimethylamine
 Concen: 7.609 ng
 RT: 3.672 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

Tgt Ion: 42 Resp: 38098
 Ion Ratio Lower Upper
 42 100
 74 117.5 99.3 148.9
 44 10.1 5.0 7.6

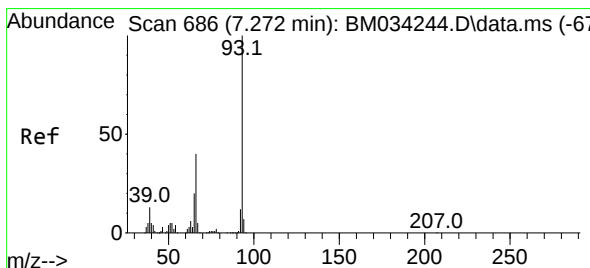
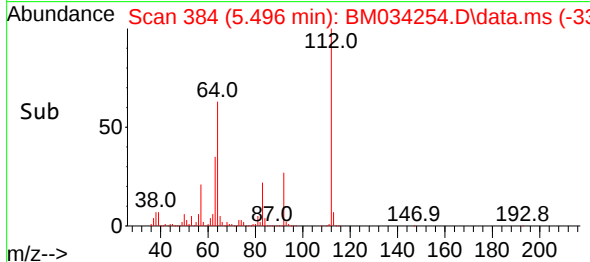
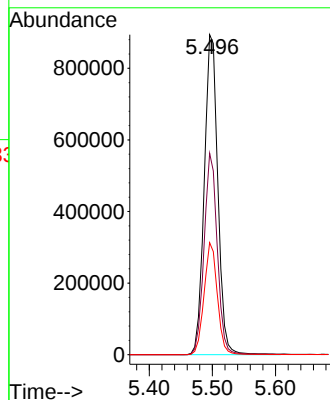
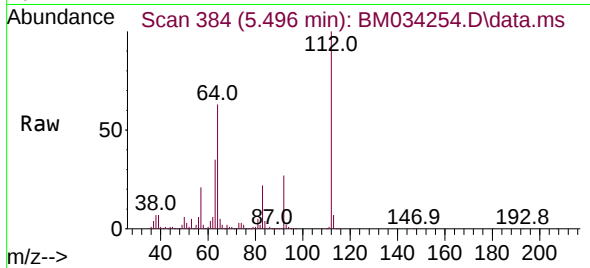




#5
2-Fluorophenol
Concen: 155.350 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

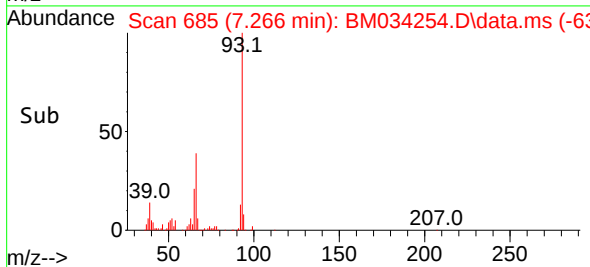
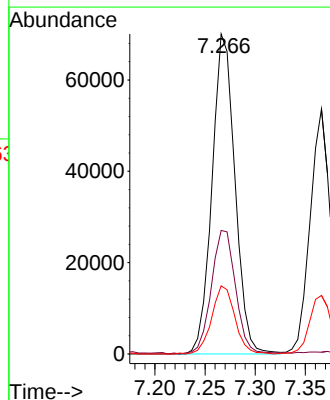
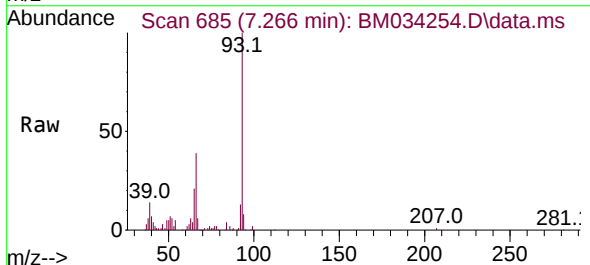
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

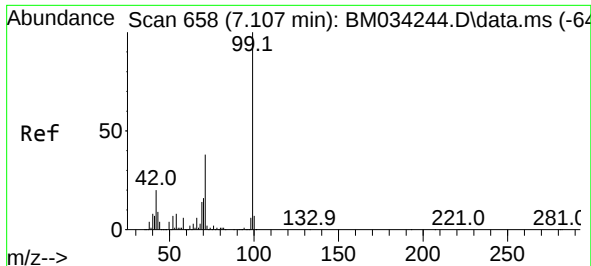
Tgt Ion:112 Resp: 1337967
Ion Ratio Lower Upper
112 100
64 62.9 47.9 71.9
63 35.0 27.1 40.7



#6
Aniline
Concen: 7.919 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 93 Resp: 111588
Ion Ratio Lower Upper
93 100
66 38.6 31.9 47.9
65 21.3 16.2 24.4



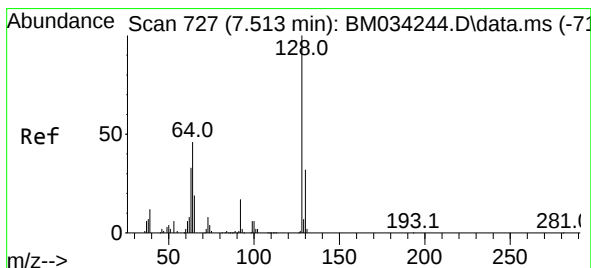
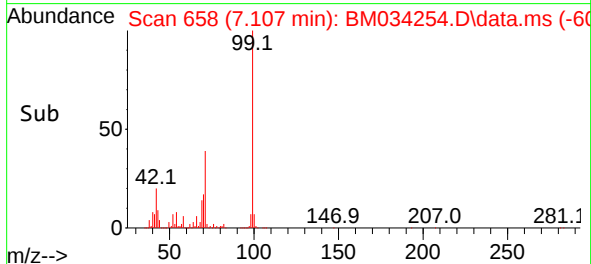
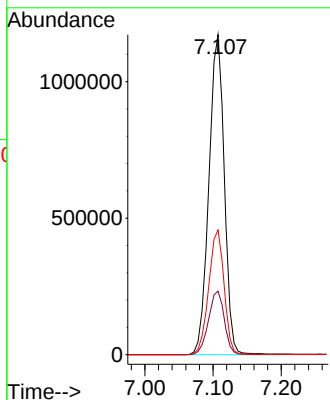
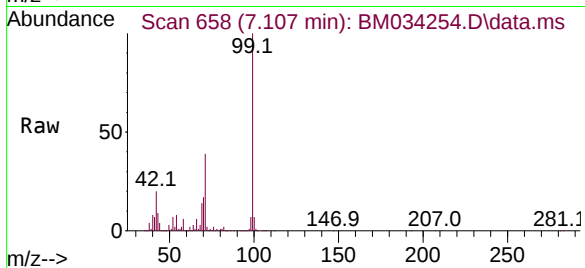


#7
Phenol-d6
Concen: 149.615 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 99 Resp: 1844937

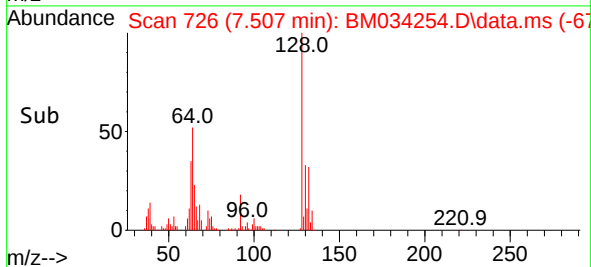
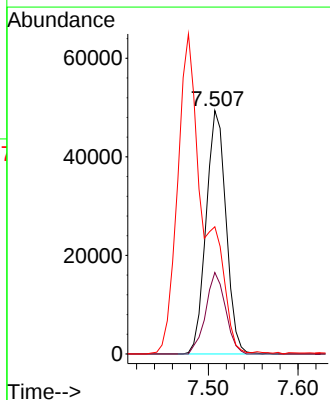
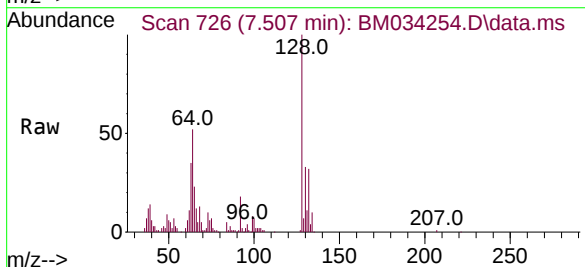
Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	39.0	30.6	46.0

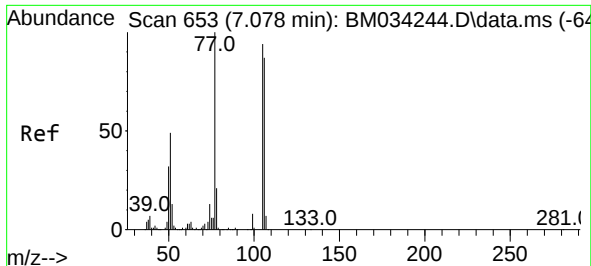


#8
2-Chlorophenol
Concen: 7.552 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 128 Resp: 76081

Ion	Ratio	Lower	Upper
128	100		
130	33.5	12.3	52.3
64	52.3	28.1	68.1

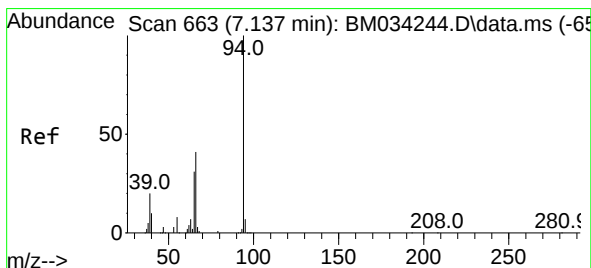
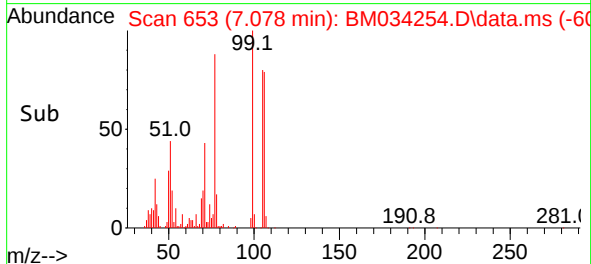
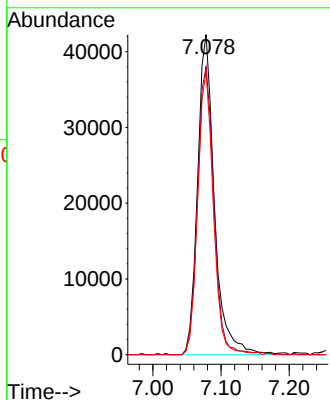
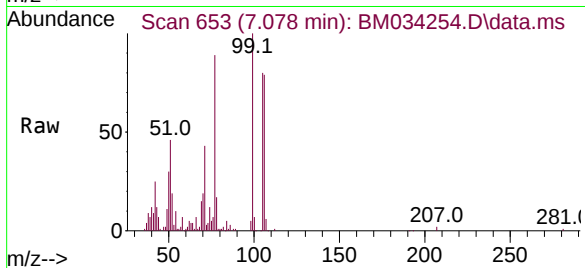




#9
Benzaldehyde
Concen: 10.932 ng
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

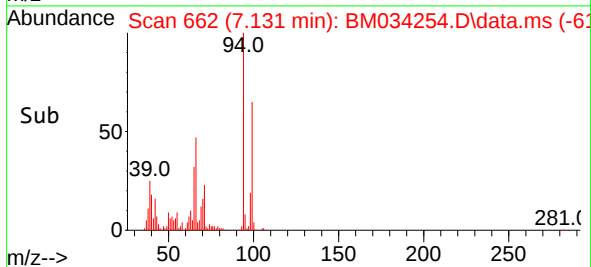
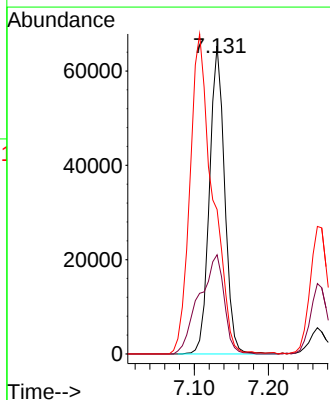
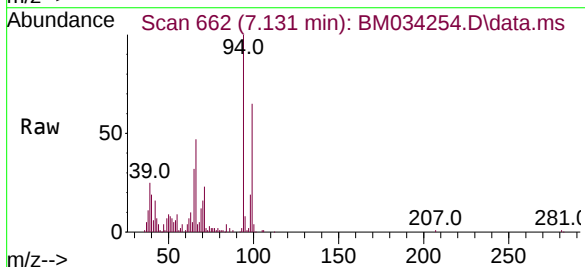
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

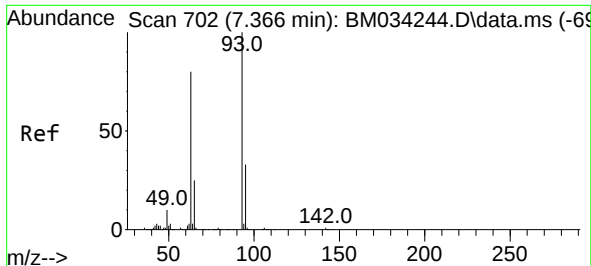
Tgt Ion: 77 Resp: 72631
Ion Ratio Lower Upper
77 100
105 89.9 73.9 113.9
106 88.5 67.2 107.2



#10
Phenol
Concen: 7.568 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 94 Resp: 92816
Ion Ratio Lower Upper
94 100
65 32.2 10.9 50.9
66 46.9 22.0 62.0

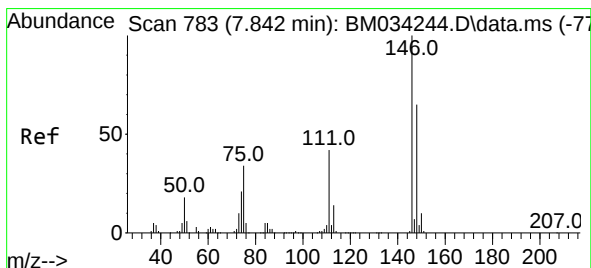
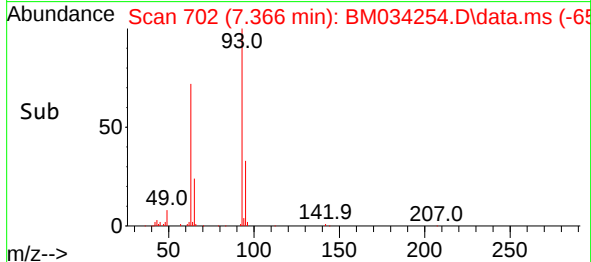
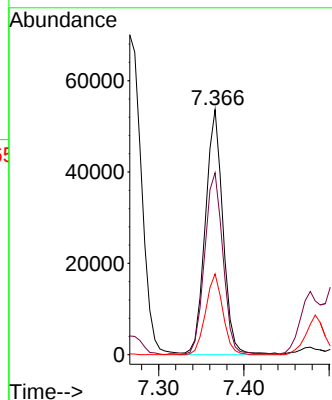
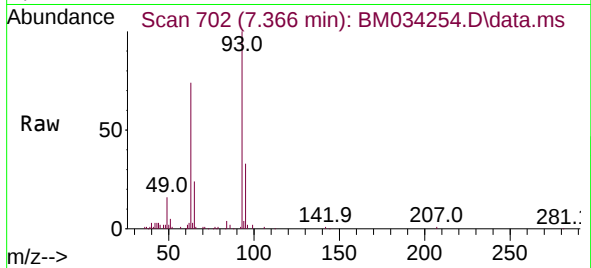




#11
bis(2-Chloroethyl)ether
Concen: 7.669 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

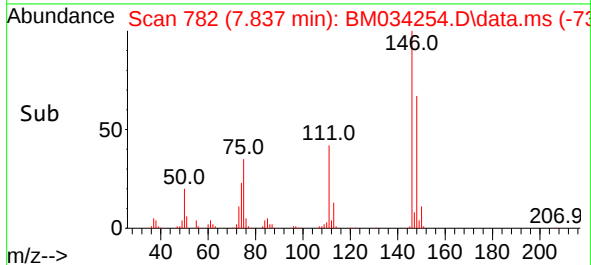
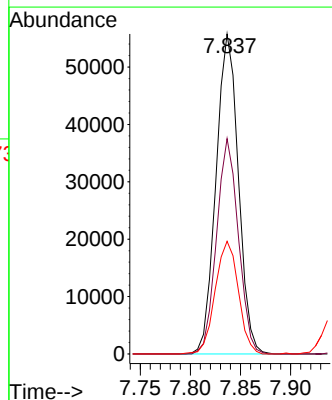
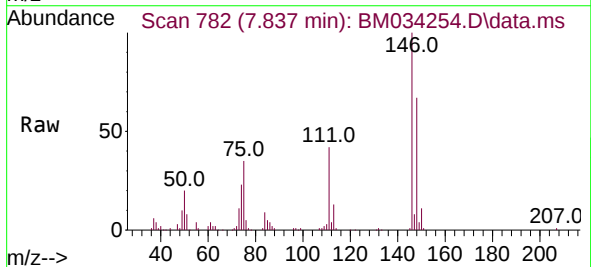
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

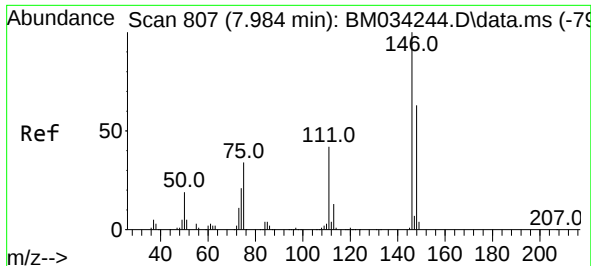
Tgt Ion:	93	Resp:	77202
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.6	99.6
95	32.9	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 7.562 ng
RT: 7.837 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:	146	Resp:	86410
Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.8	77.8
75	35.2	27.1	40.7

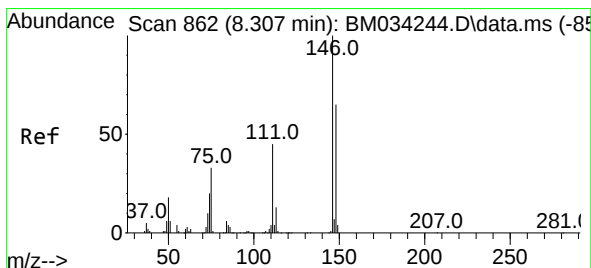
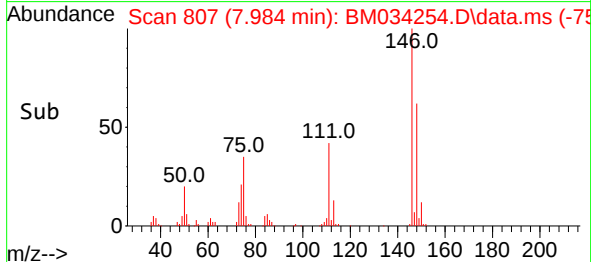
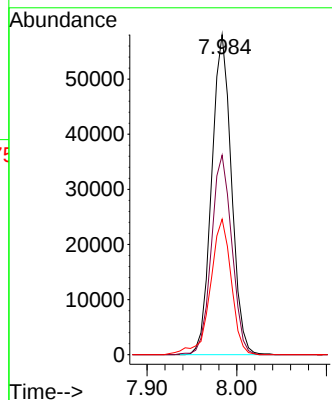
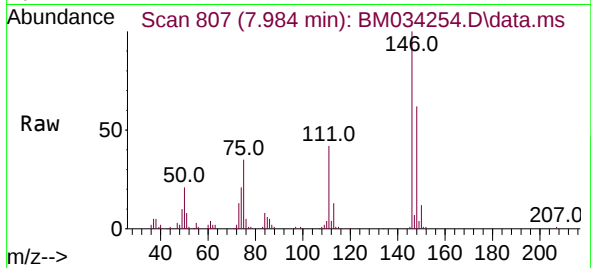




#13
1,4-Dichlorobenzene
Concen: 7.597 ng
RT: 7.984 min Scan# 807
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

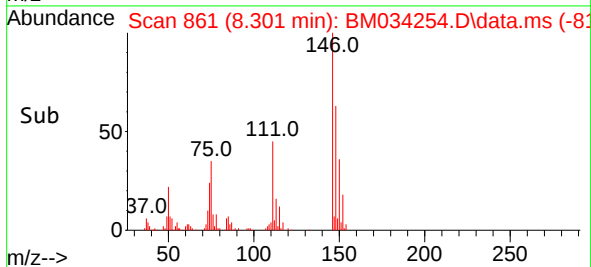
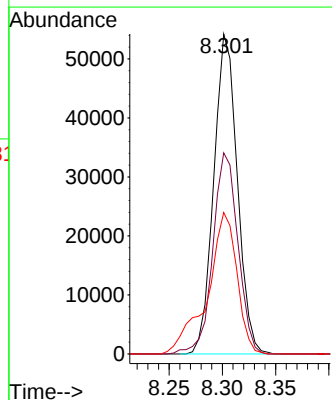
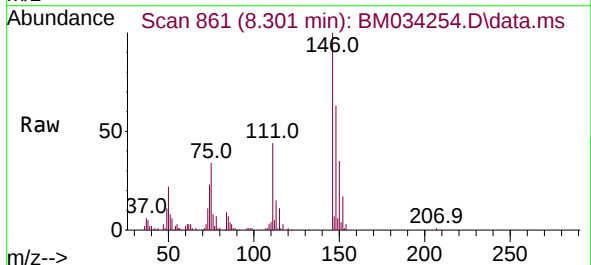
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

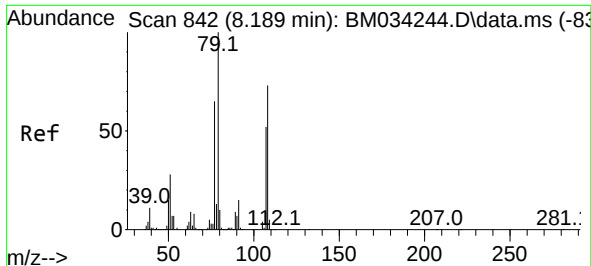
Tgt Ion:146 Resp: 88871
Ion Ratio Lower Upper
146 100
148 62.4 50.6 76.0
111 42.4 34.0 51.0



#14
1,2-Dichlorobenzene
Concen: 7.304 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:146 Resp: 83293
Ion Ratio Lower Upper
146 100
148 62.9 52.2 78.4
111 44.2 35.8 53.8

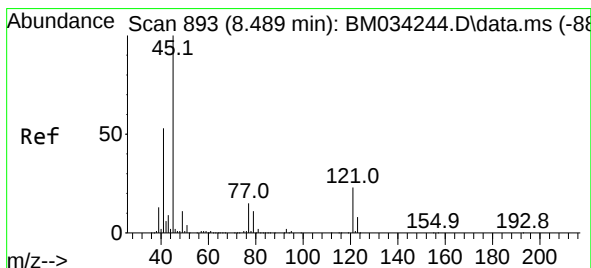
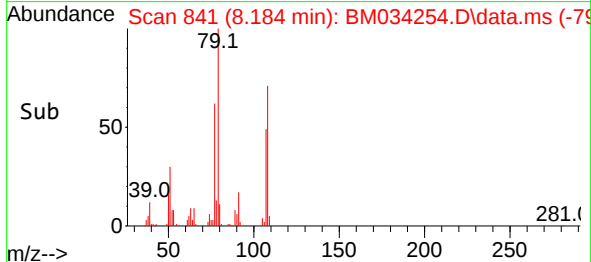
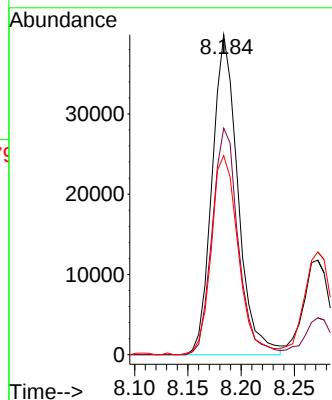
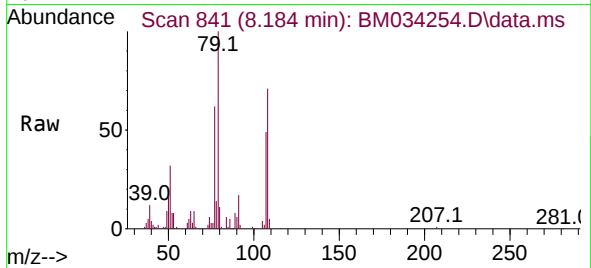




#15
Benzyl Alcohol
Concen: 6.841 ng
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

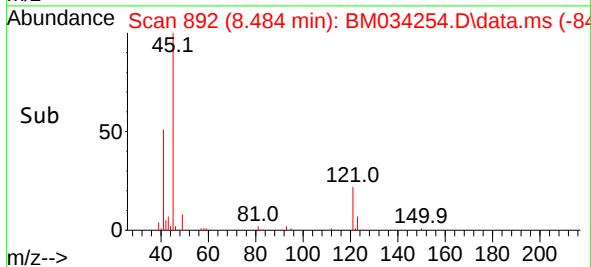
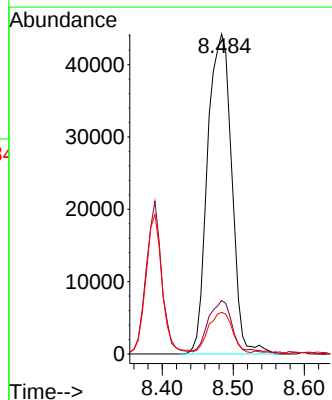
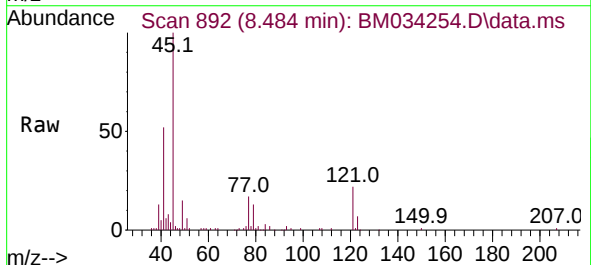
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

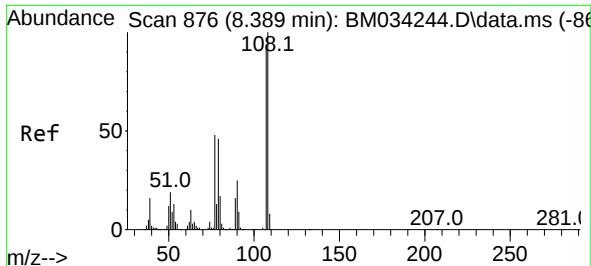
Tgt Ion: 79 Resp: 67137
Ion Ratio Lower Upper
79 100
108 70.8 58.1 87.1
77 62.2 51.8 77.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.545 ng
RT: 8.484 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 45 Resp: 104234
Ion Ratio Lower Upper
45 100
77 16.7 0.0 35.7
79 13.0 0.0 31.7

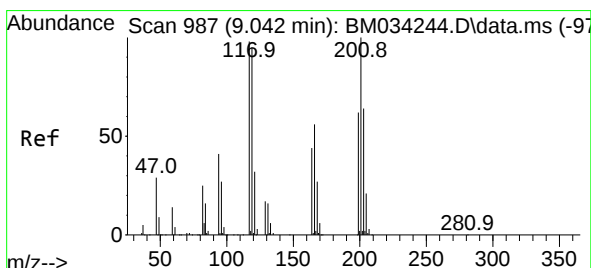
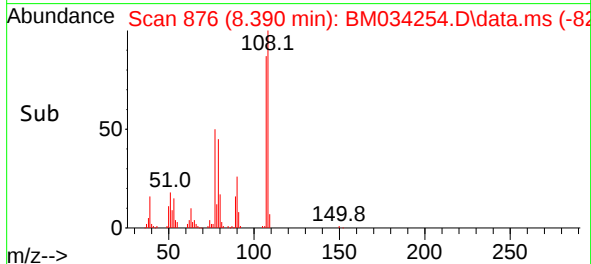
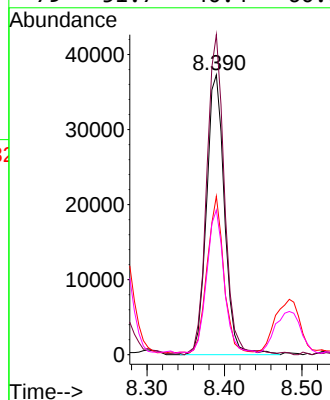
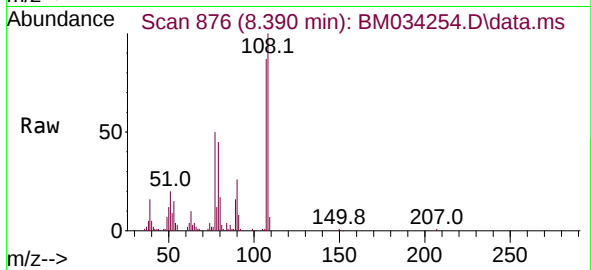




#17
2-Methylphenol
Concen: 6.961 ng
RT: 8.390 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

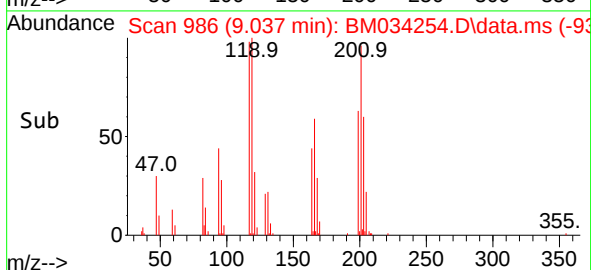
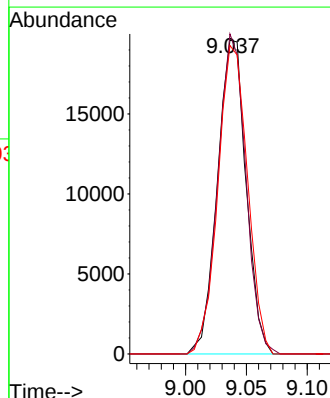
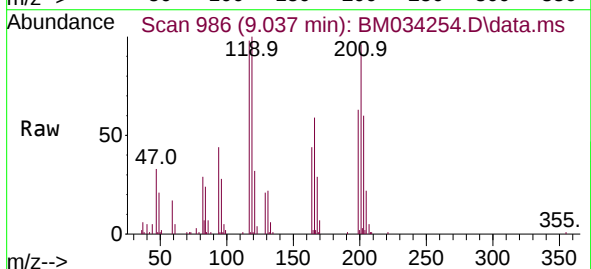
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

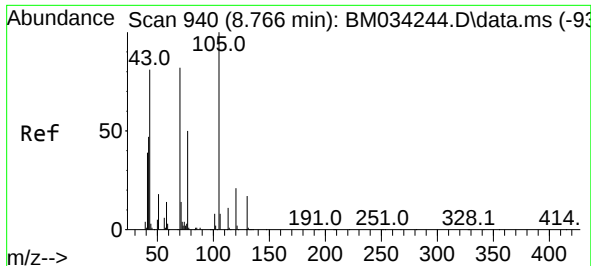
Tgt Ion:	107	Resp:	59795
Ion	Ratio	Lower	Upper
107	100		
108	114.4	87.3	130.9
77	56.6	41.6	62.4
79	51.7	40.4	60.6



#18
Hexachloroethane
Concen: 7.460 ng
RT: 9.037 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:	117	Resp:	32185
Ion	Ratio	Lower	Upper
117	100		
119	102.0	77.4	116.0
201	98.3	81.6	122.4

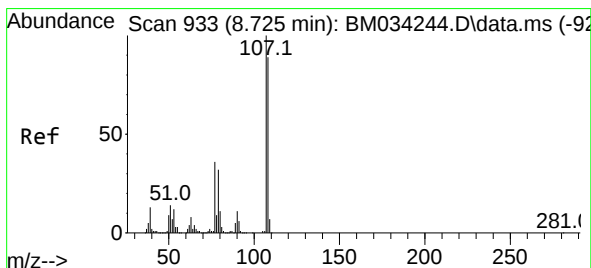
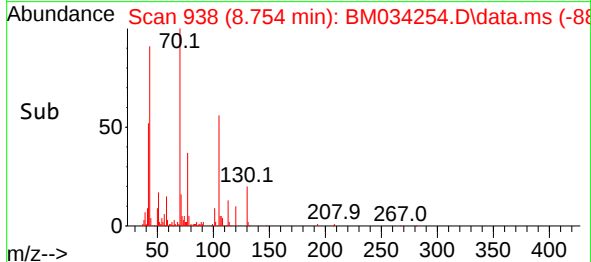
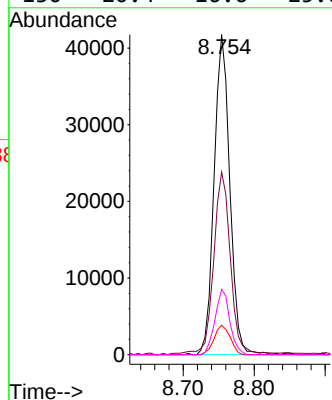
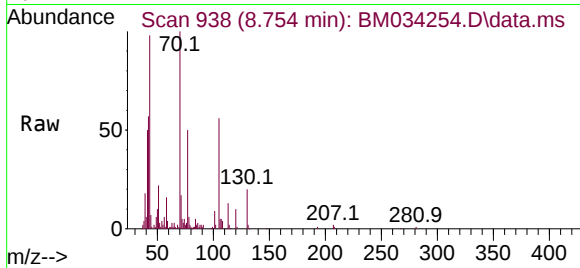




#19
n-Nitroso-di-n-propylamine
Concen: 7.179 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

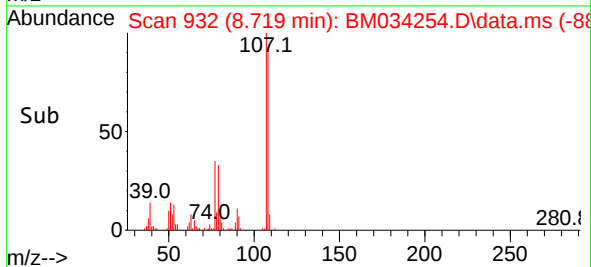
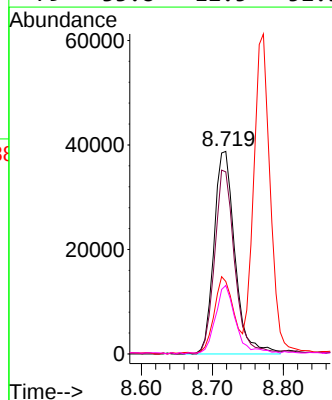
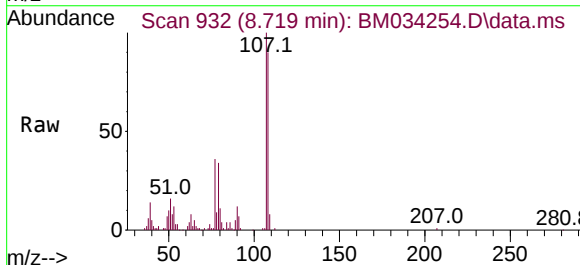
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

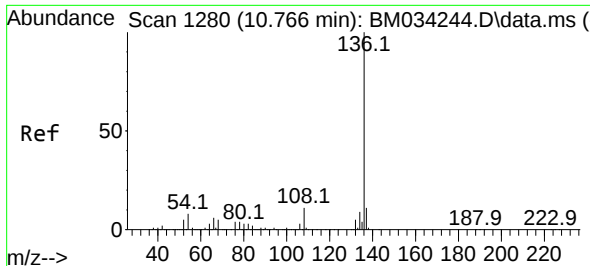
Tgt Ion: 70 Resp: 64033
Ion Ratio Lower Upper
70 100
42 57.1 46.7 70.1
101 9.2 7.8 11.6
130 20.4 16.6 25.0



#20
3+4-Methylphenols
Concen: 6.668 ng
RT: 8.719 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 107 Resp: 79207
Ion Ratio Lower Upper
107 100
108 89.9 69.2 109.2
77 35.8 16.5 56.5
79 33.8 12.5 52.5

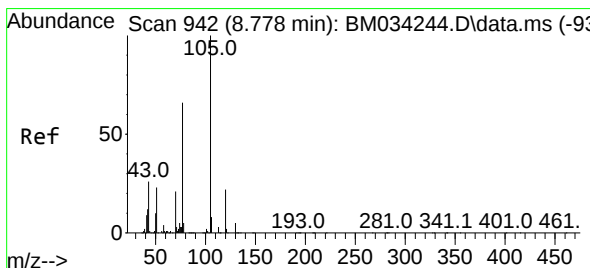
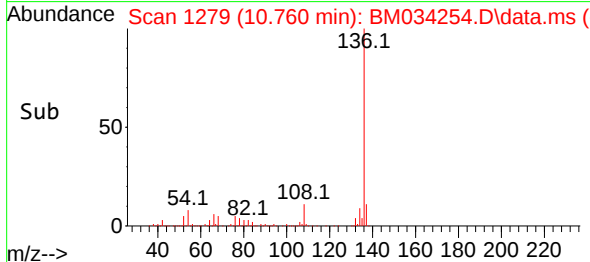
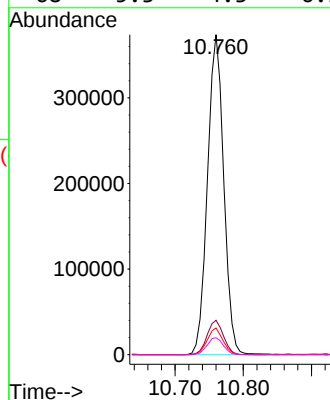
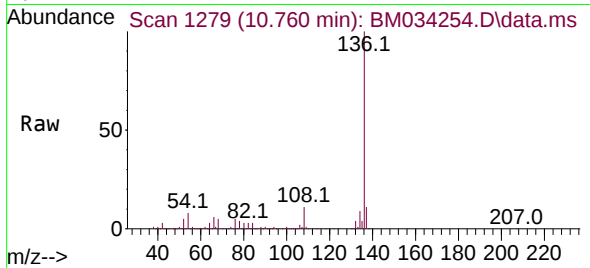




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

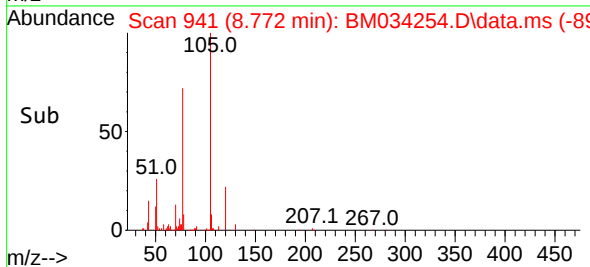
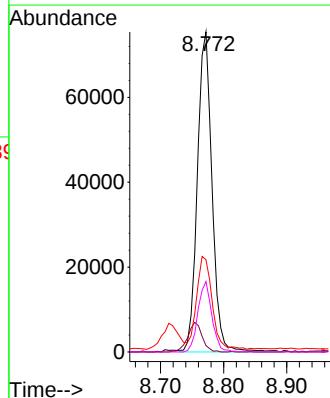
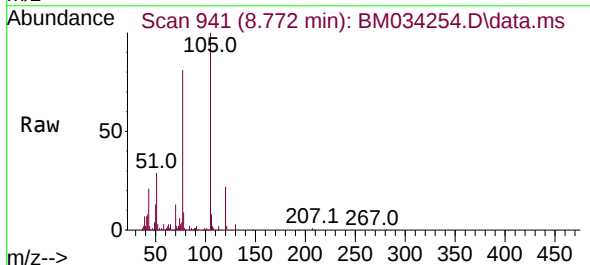
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

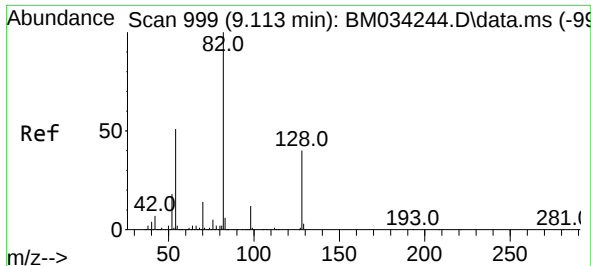
Tgt Ion:	136	Resp:	619970
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	13.0
54	8.4	6.2	9.4
68	5.3	4.3	6.5



#22
Acetophenone
Concen: 7.639 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:	105	Resp:	121543
Ion Ratio	Lower	Upper	
105	100		
71	2.0	3.0	4.4#
51	28.9	22.6	33.8
120	22.0	17.5	26.3





#23

Nitrobenzene-d5

Concen: 82.739 ng

RT: 9.107 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

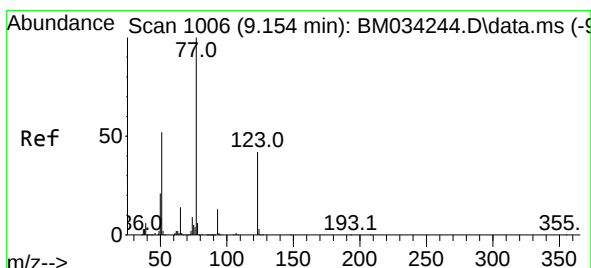
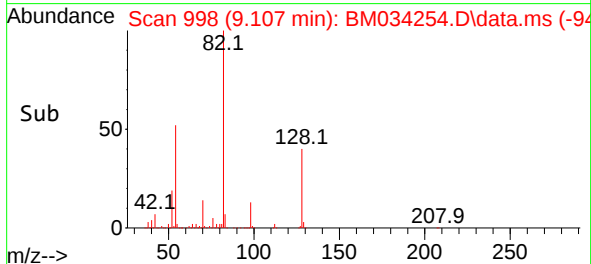
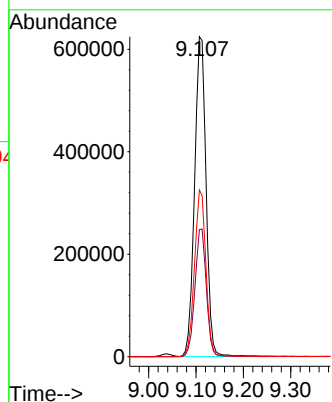
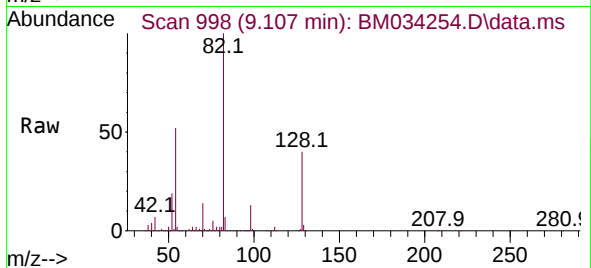
Tgt Ion: 82 Resp: 1053588

Ion Ratio Lower Upper

82 100

128 39.7 31.9 47.9

54 52.1 40.6 61.0



#24

Nitrobenzene

Concen: 7.922 ng

RT: 9.148 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

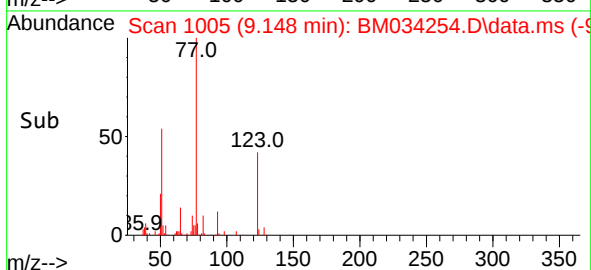
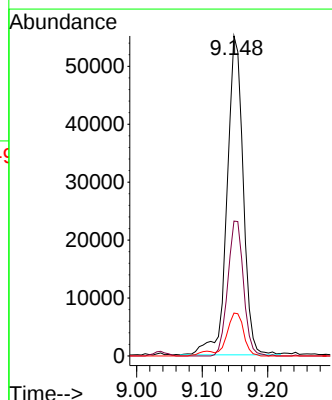
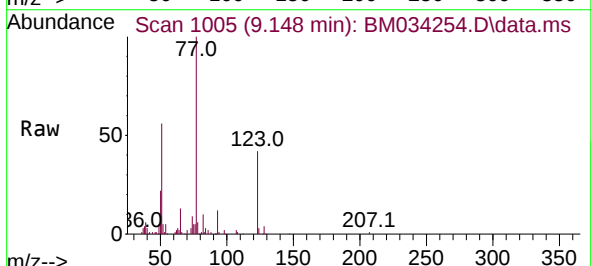
Tgt Ion: 77 Resp: 94179

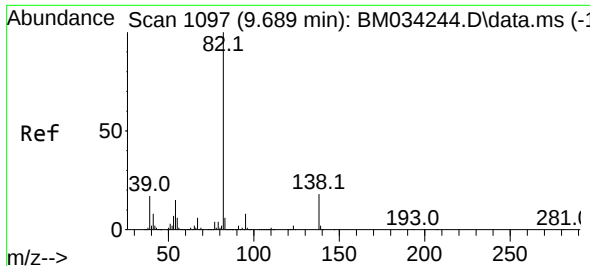
Ion Ratio Lower Upper

77 100

123 42.1 33.3 49.9

65 13.4 11.0 16.4

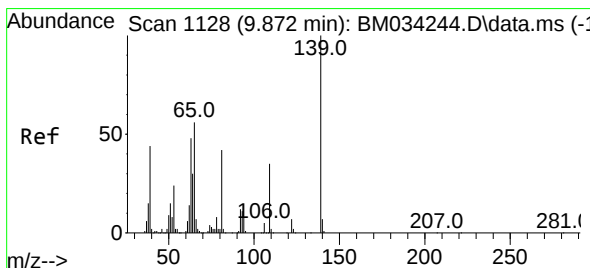
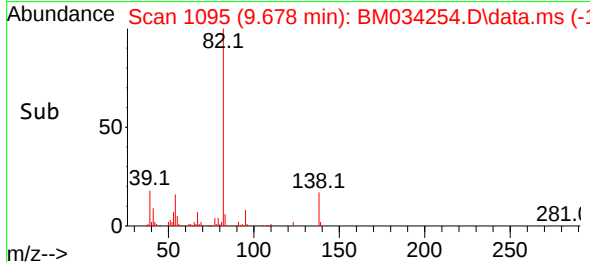
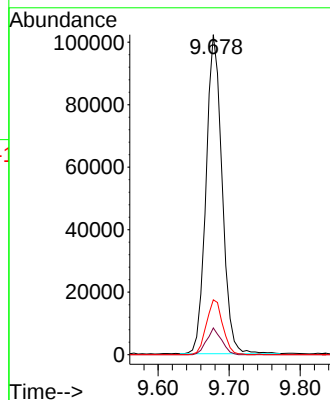
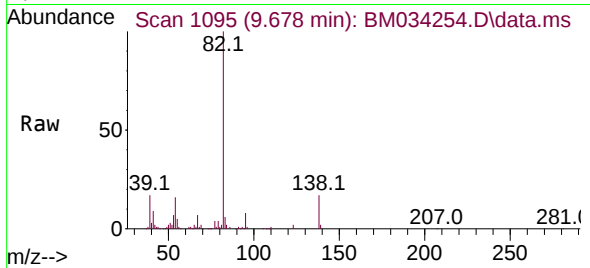




#25
Isophorone
Concen: 7.526 ng
RT: 9.678 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

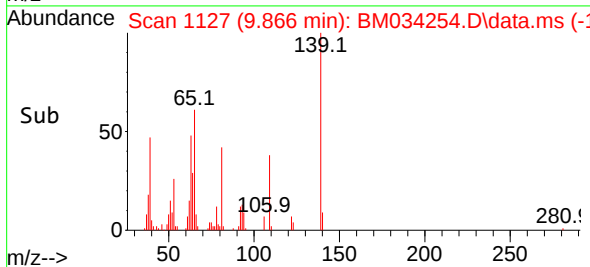
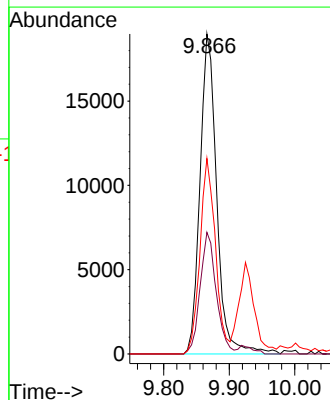
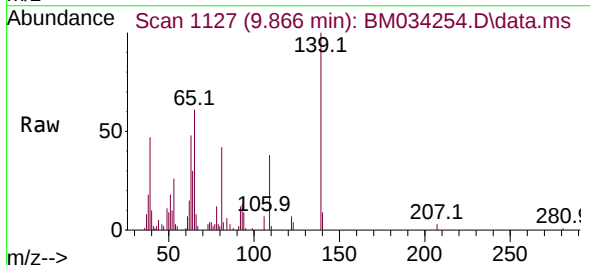
Instrument : BNA_M
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

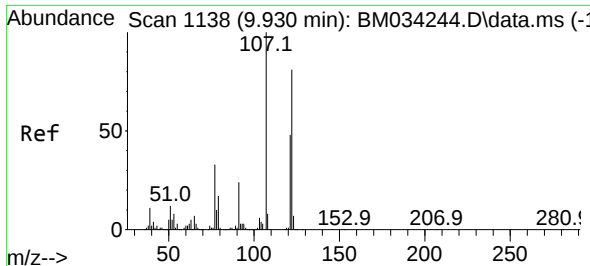
Tgt Ion: 82 Resp: 160366
Ion Ratio Lower Upper
82 100
95 8.4 6.6 9.8
138 17.1 14.4 21.6



#26
2-Nitrophenol
Concen: 6.412 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 139 Resp: 33805
Ion Ratio Lower Upper
139 100
109 38.0 28.1 42.1
65 61.1 44.6 67.0

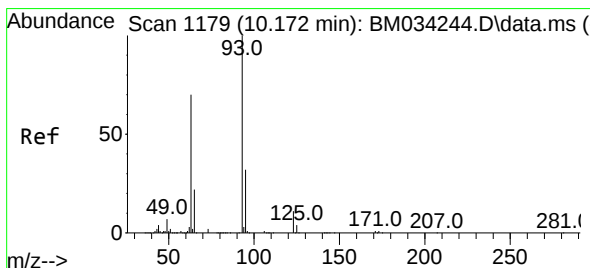
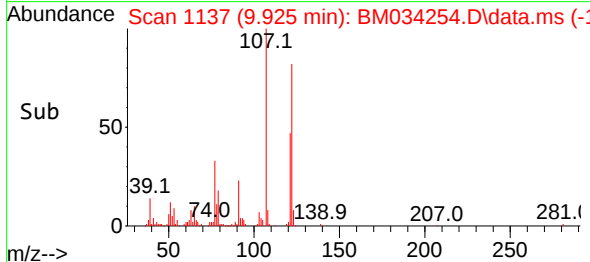
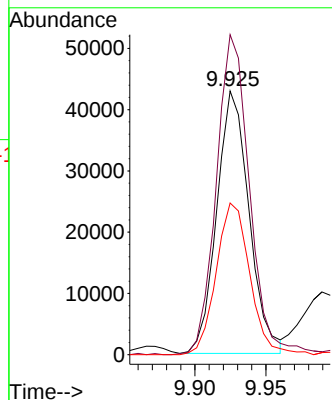
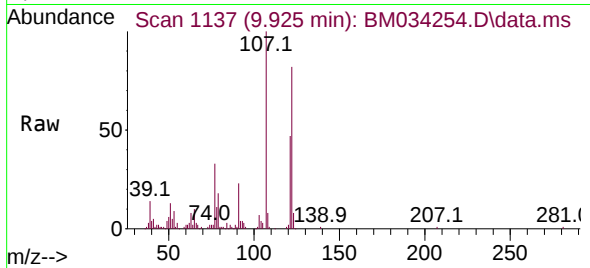




#27
2,4-Dimethylphenol
Concen: 8.207 ng
RT: 9.925 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

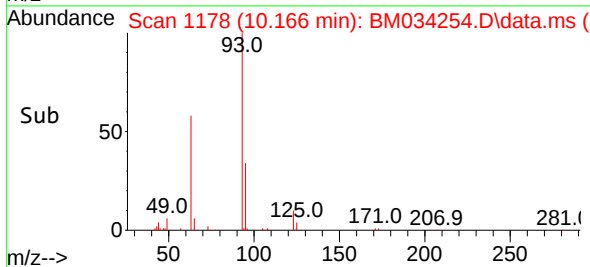
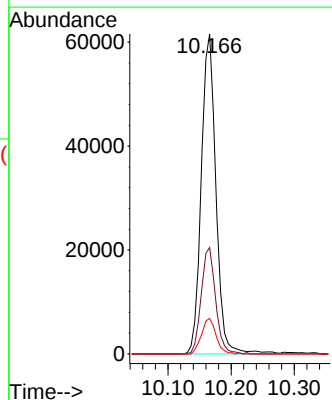
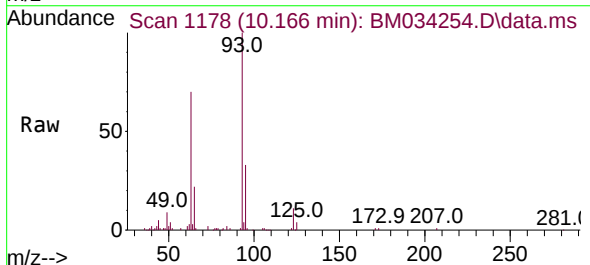
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

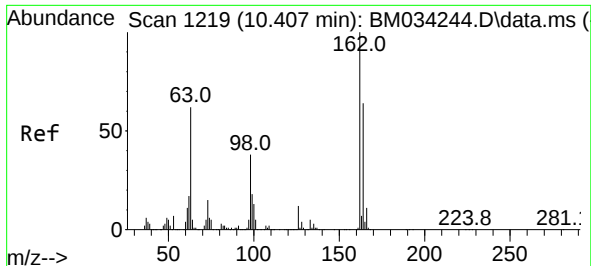
Tgt Ion:122 Resp: 67751
Ion Ratio Lower Upper
122 100
107 121.4 99.0 148.6
121 57.5 47.7 71.5



#28
bis(2-Chloroethoxy)methane
Concen: 7.284 ng
RT: 10.166 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 93 Resp: 99374
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 6.640 ng

RT: 10.401 min Scan# 1218

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

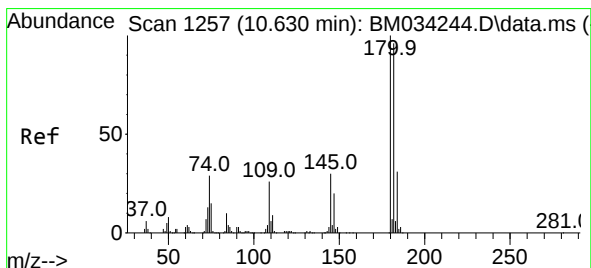
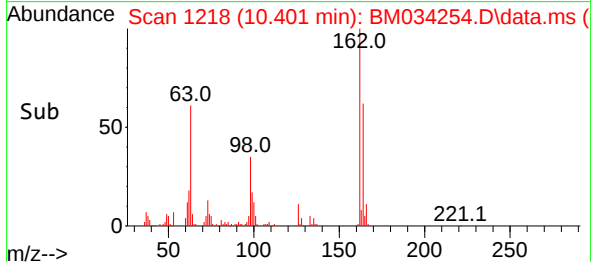
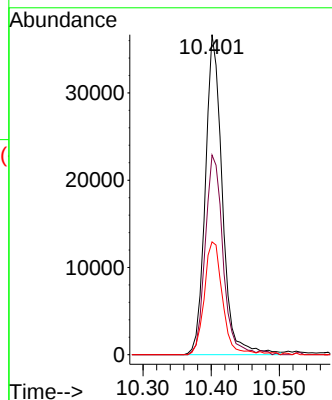
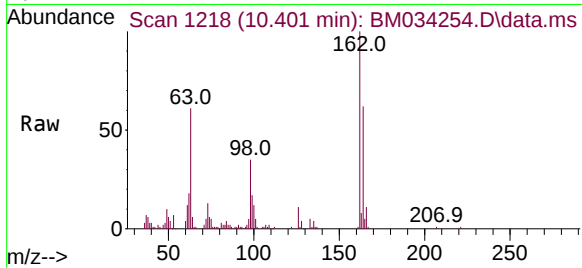
Tgt Ion:162 Resp: 63690

Ion Ratio Lower Upper

162 100

164 62.4 43.9 83.9

98 35.2 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 7.364 ng

RT: 10.625 min Scan# 1256

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

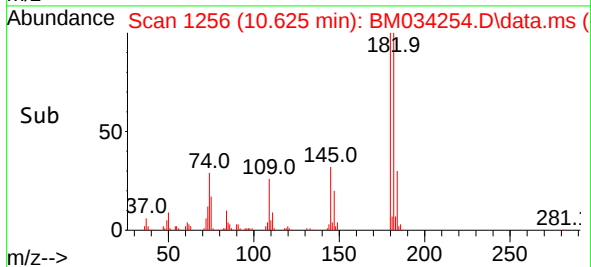
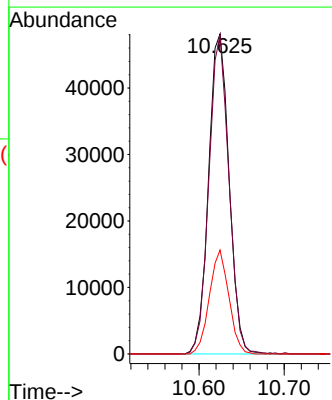
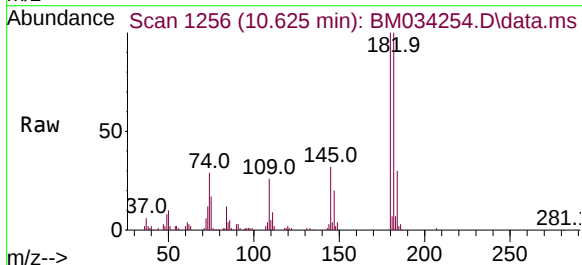
Tgt Ion:180 Resp: 80294

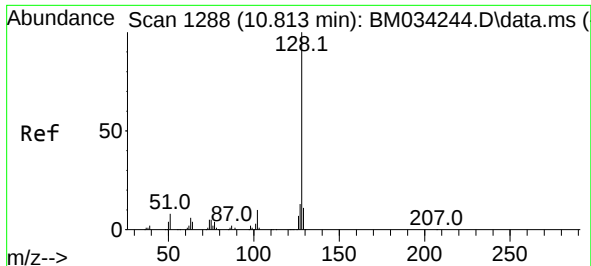
Ion Ratio Lower Upper

180 100

182 99.6 77.0 115.4

145 32.4 23.7 35.5

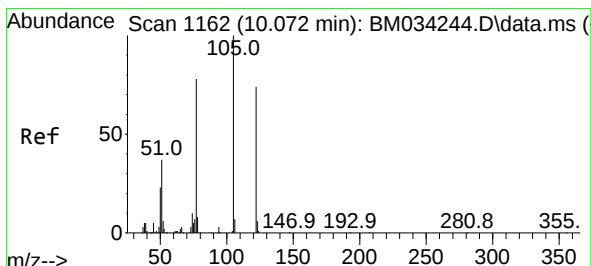
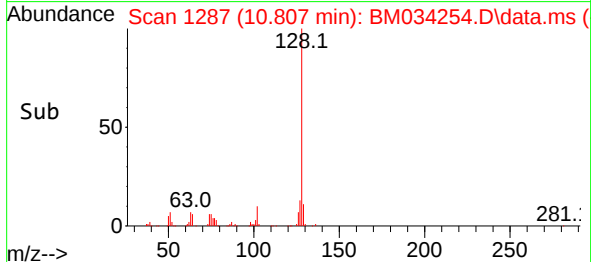
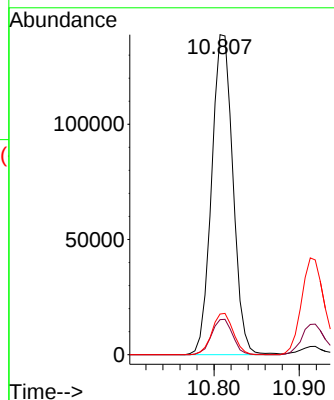
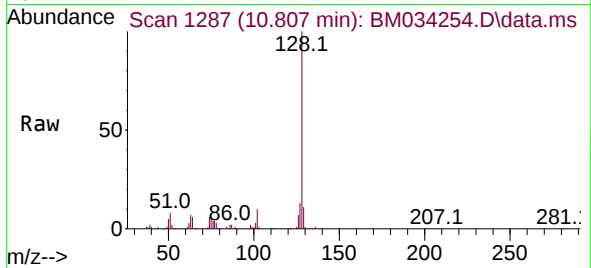




#31
Naphthalene
Concen: 7.481 ng
RT: 10.807 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

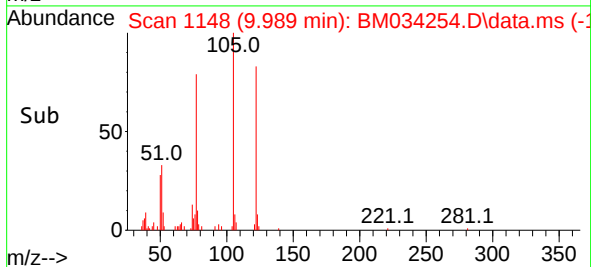
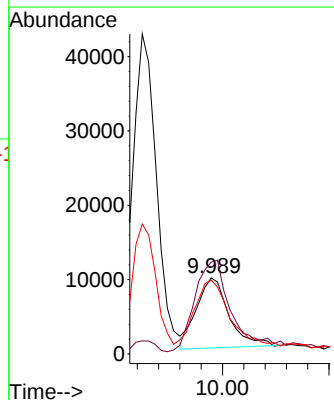
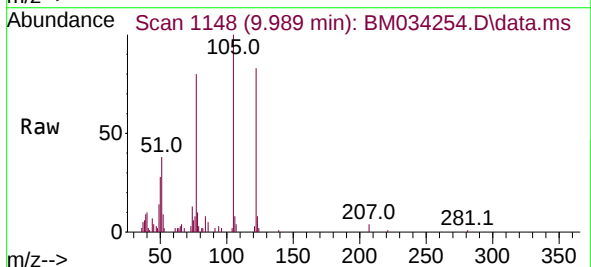
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

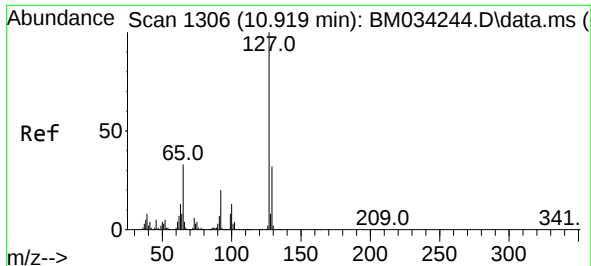
Tgt Ion:128 Resp: 241644
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.7 10.2 15.4



#32
Benzoic acid
Concen: 2.930 ng
RT: 9.989 min Scan# 1148
Delta R.T. -0.083 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:122 Resp: 20002
Ion Ratio Lower Upper
122 100
105 120.8 109.6 149.6
77 97.2 83.1 123.1

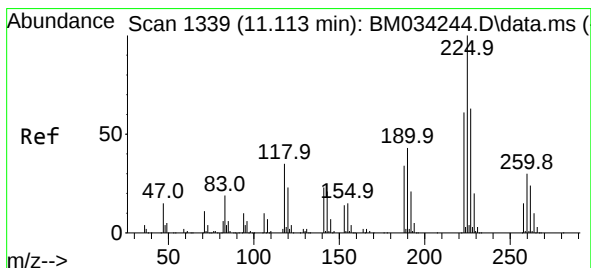
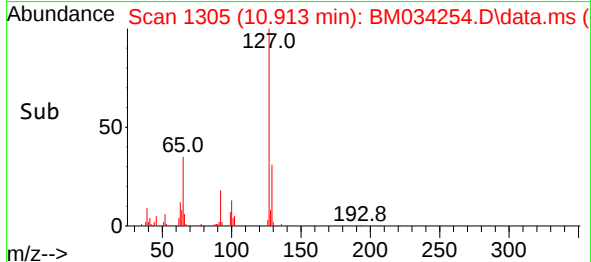
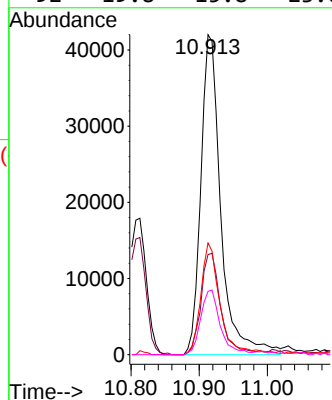
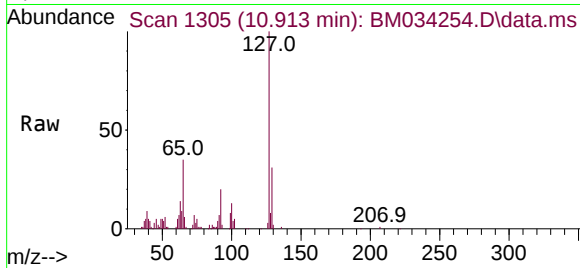




#33
4-Chloroaniline
Concen: 6.727 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

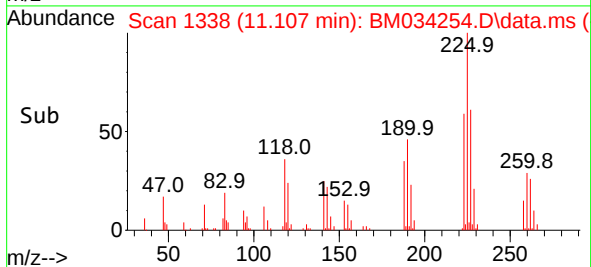
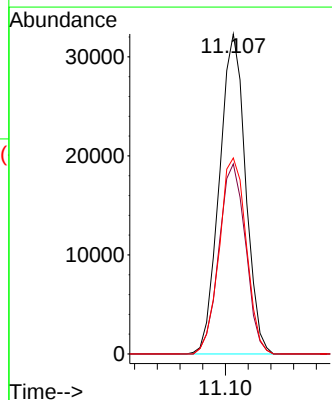
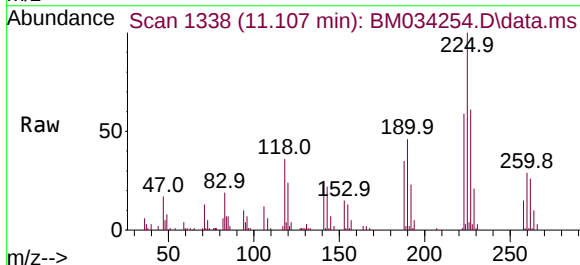
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

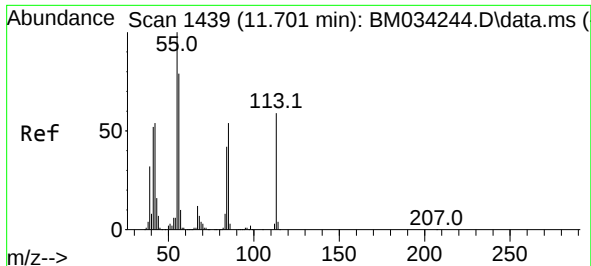
Tgt Ion:127	Resp:	85714
Ion Ratio	Lower	Upper
127	100	
129	31.3	25.4 38.2
65	34.9	26.2 39.2
92	19.8	15.8 23.6



#34
Hexachlorobutadiene
Concen: 7.463 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:225	Resp:	51539
Ion Ratio	Lower	Upper
225	100	
223	59.4	49.0 73.4
227	61.3	50.2 75.2

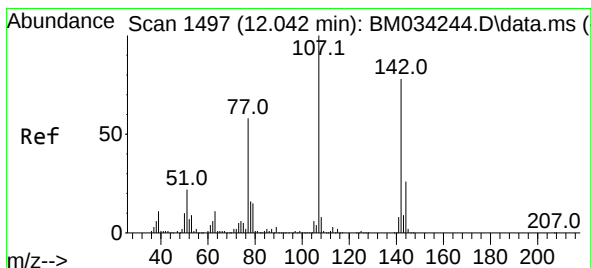
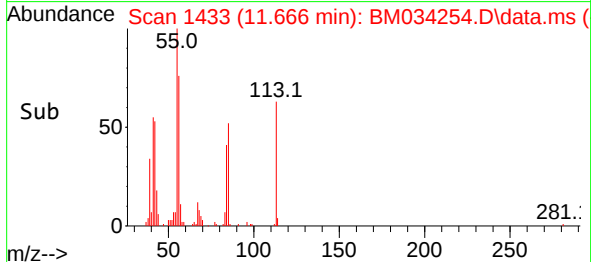
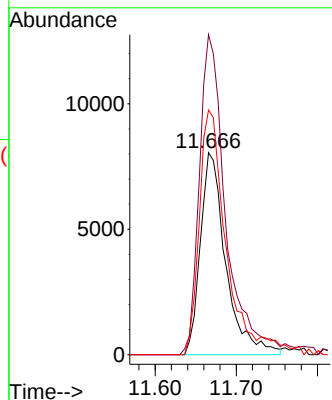
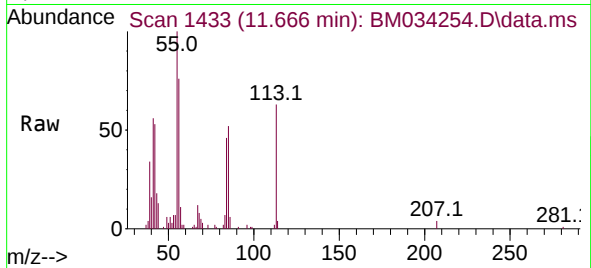




#35
 Caprolactam
 Concen: 5.247 ng
 RT: 11.666 min Scan# 1433
 Delta R.T. -0.035 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

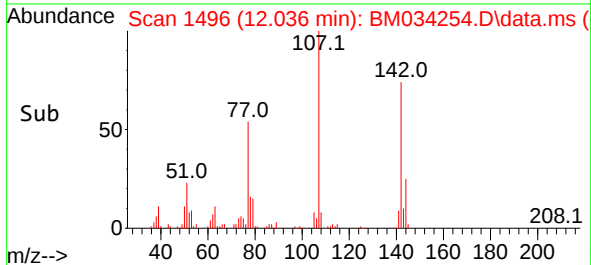
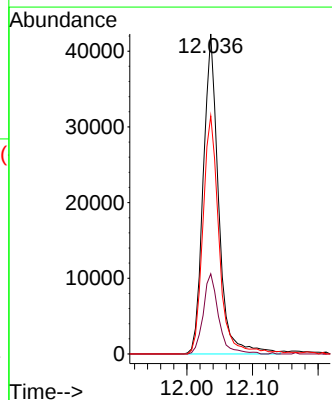
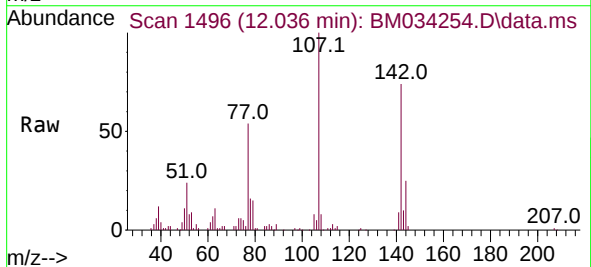
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

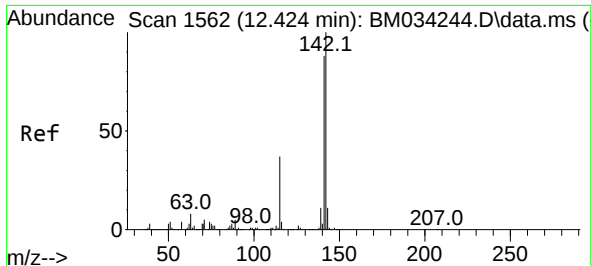
Tgt Ion:113 Resp: 17496
 Ion Ratio Lower Upper
 113 100
 55 158.4 148.9 188.9
 56 121.1 113.3 153.3



#36
 4-Chloro-3-methylphenol
 Concen: 6.288 ng
 RT: 12.036 min Scan# 1496
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

Tgt Ion:107 Resp: 69119
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.8 31.2
 142 74.4 62.7 94.1





#37

2-Methylnaphthalene

Concen: 7.240 ng

RT: 12.419 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

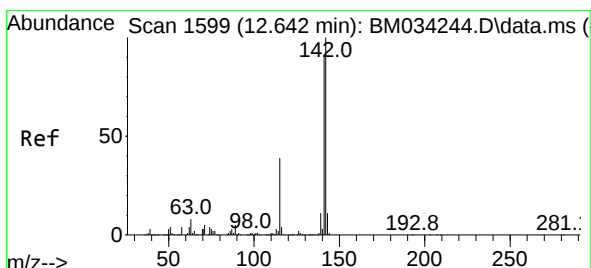
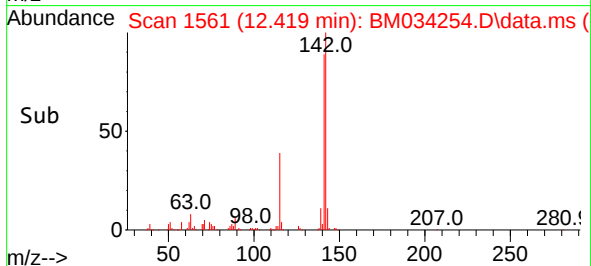
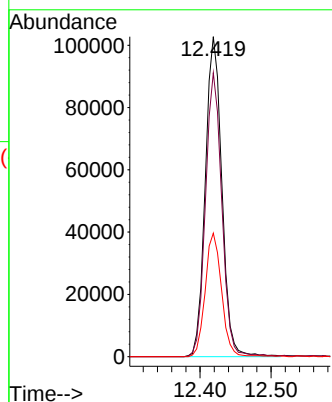
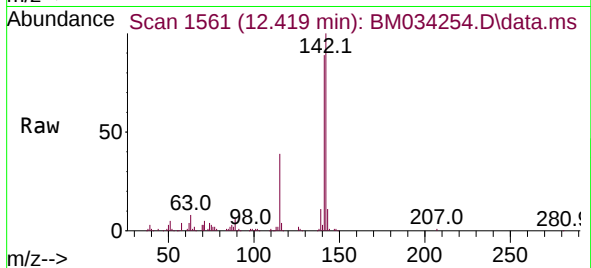
Tgt Ion:142 Resp: 166854

Ion Ratio Lower Upper

142 100

141 88.7 70.1 105.1

115 38.6 29.9 44.9



#38

1-Methylnaphthalene

Concen: 7.298 ng

RT: 12.636 min Scan# 1598

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

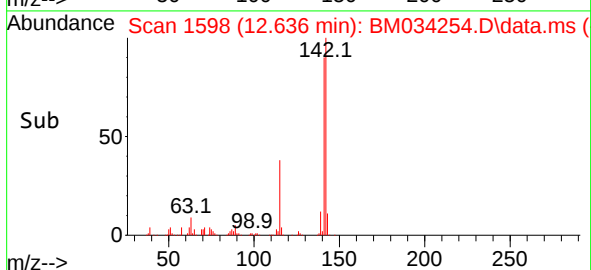
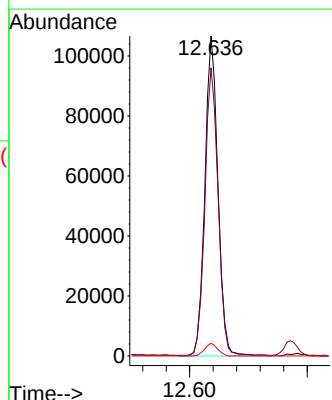
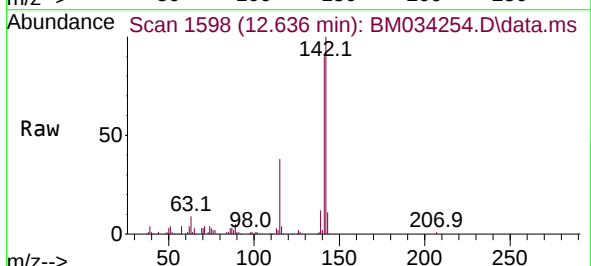
Tgt Ion:142 Resp: 164542

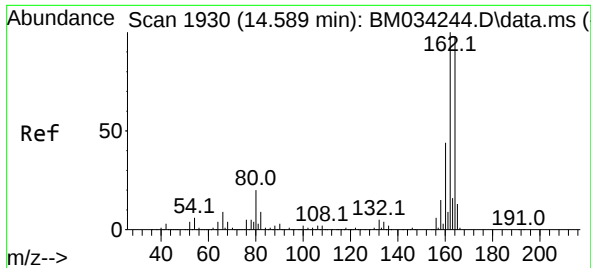
Ion Ratio Lower Upper

142 100

141 90.0 73.0 109.6

116 4.0 3.2 4.8

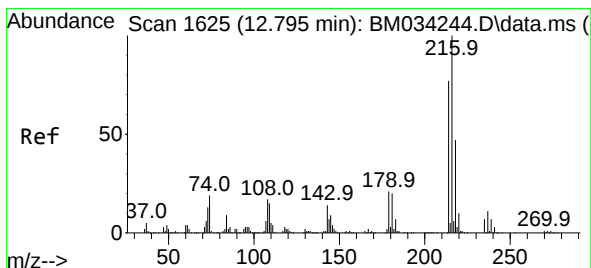
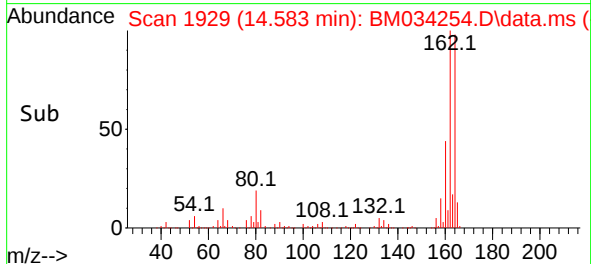
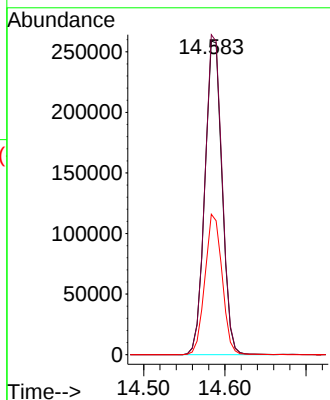
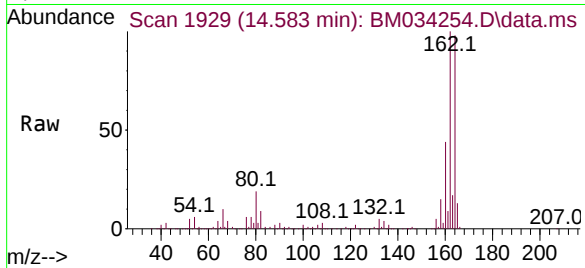




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

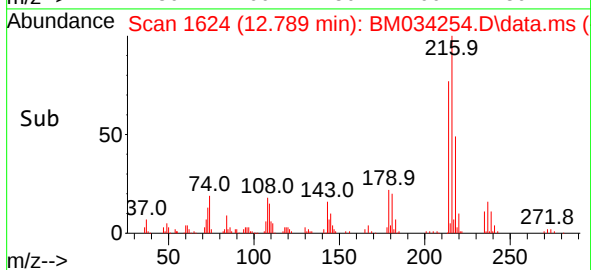
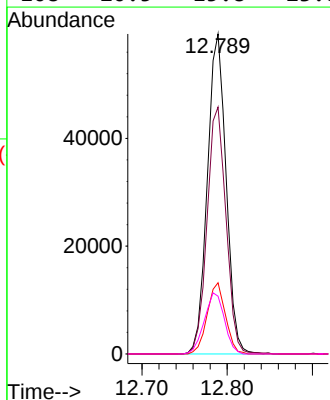
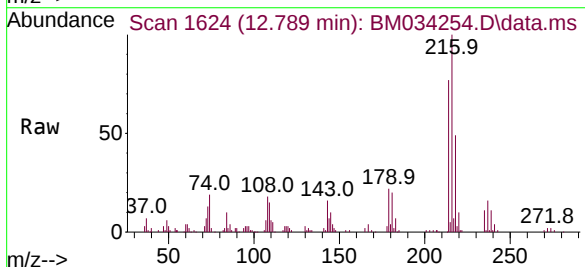
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

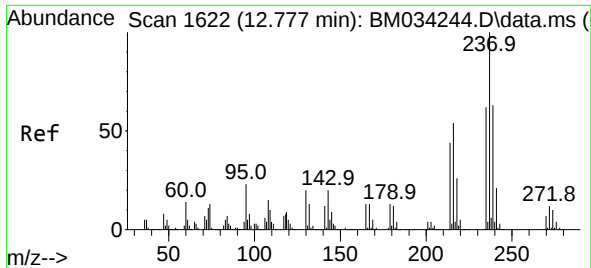
Tgt Ion:164 Resp: 379493
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 44.8 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.911 ng
RT: 12.789 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:216 Resp: 90599
Ion Ratio Lower Upper
216 100
214 77.9 62.7 94.1
179 21.7 17.2 25.8
108 20.5 15.8 23.8

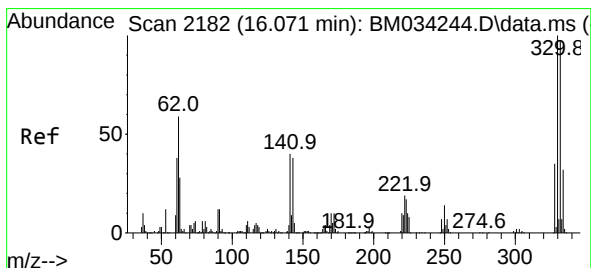
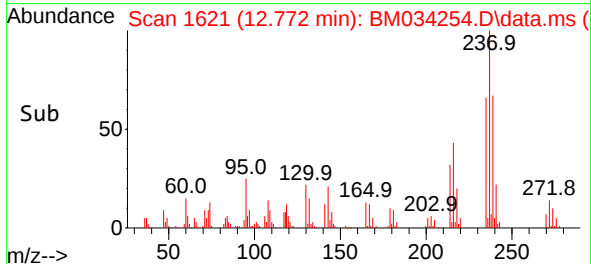
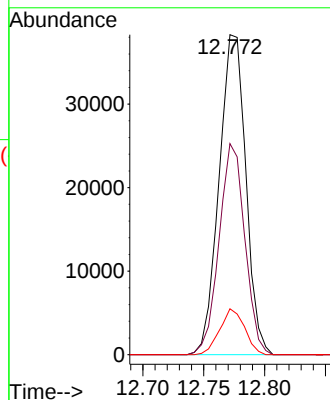
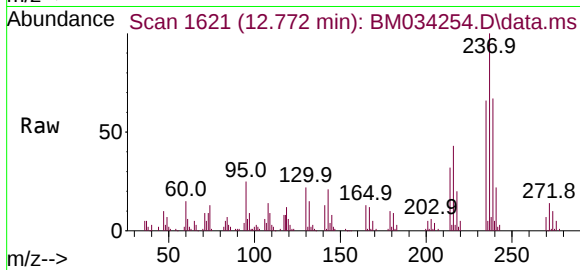




#41
Hexachlorocyclopentadiene
Concen: 8.835 ng
RT: 12.772 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

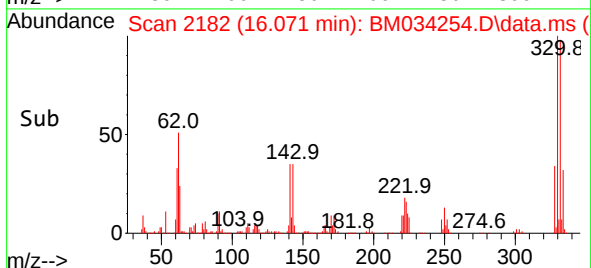
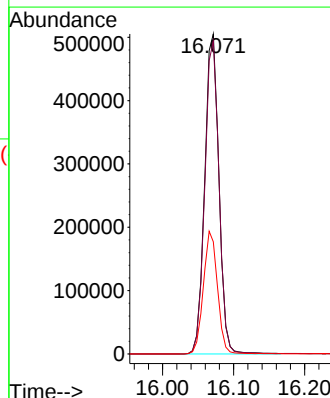
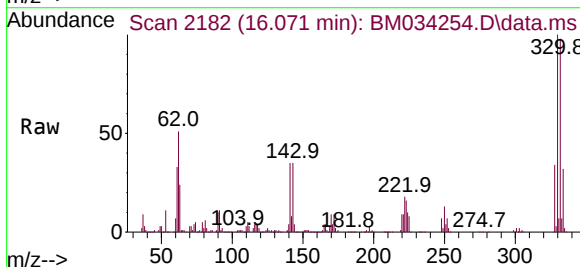
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

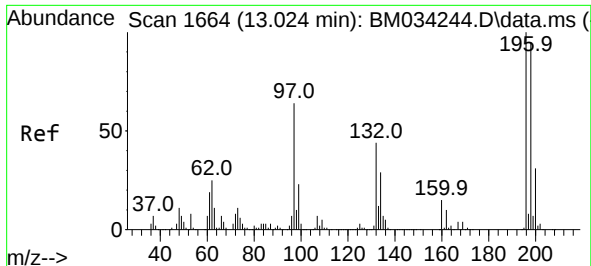
Tgt Ion: 237 Resp: 58589
Ion Ratio Lower Upper
237 100
235 66.0 42.1 82.1
272 14.4 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 137.910 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion: 330 Resp: 705419
Ion Ratio Lower Upper
330 100
332 97.9 78.2 117.4
141 38.2 30.6 45.8

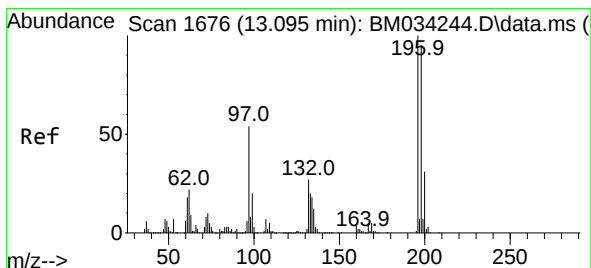
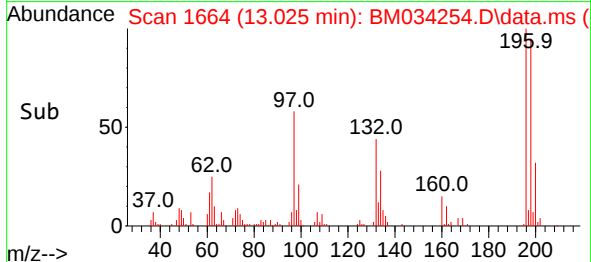
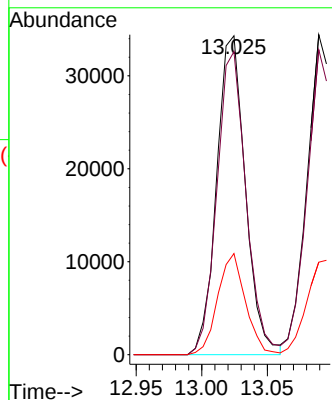
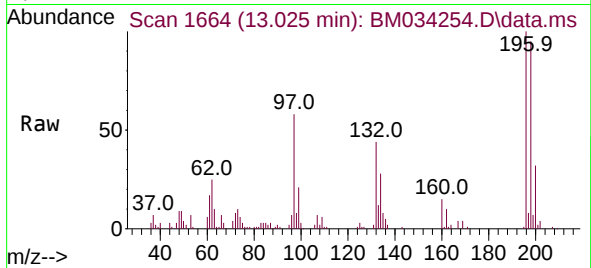




#43
2,4,6-Trichlorophenol
Concen: 6.623 ng
RT: 13.025 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

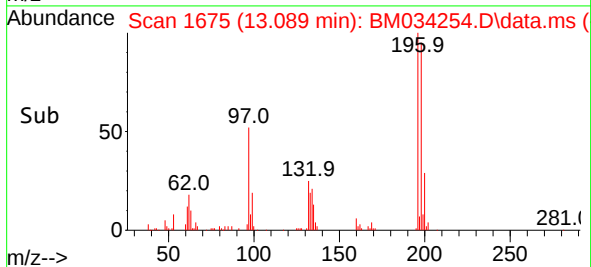
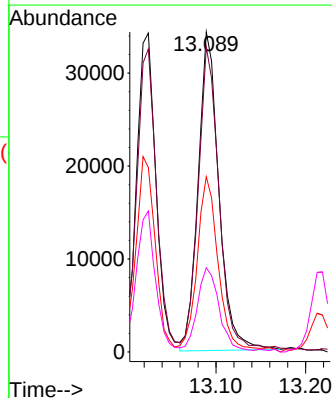
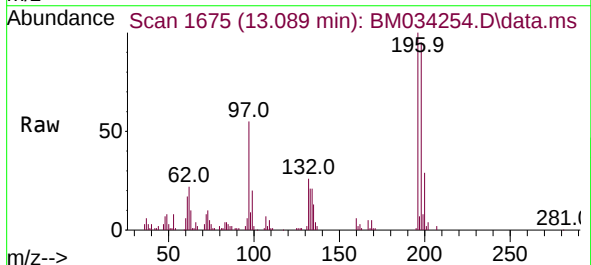
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

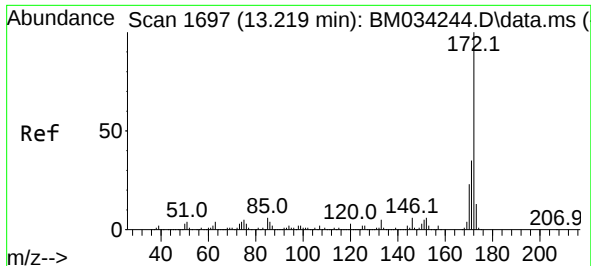
Tgt Ion:196 Resp: 52365
Ion Ratio Lower Upper
196 100
198 95.1 76.1 114.1
200 31.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 6.492 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:196 Resp: 55095
Ion Ratio Lower Upper
196 100
198 95.3 75.9 113.9
97 54.8 43.2 64.8
132 26.3 21.5 32.3

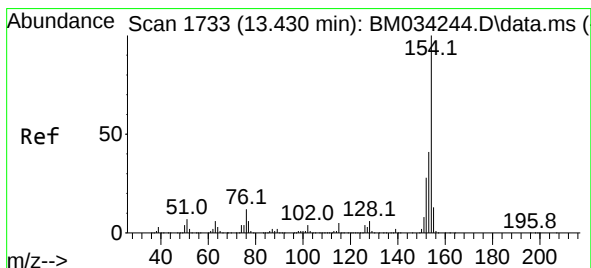
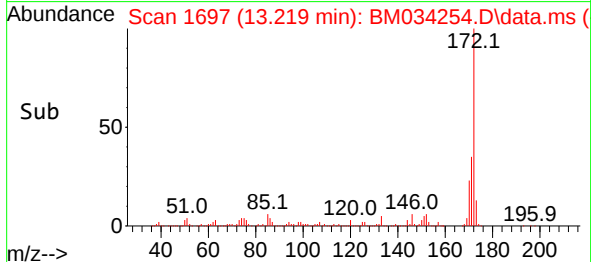
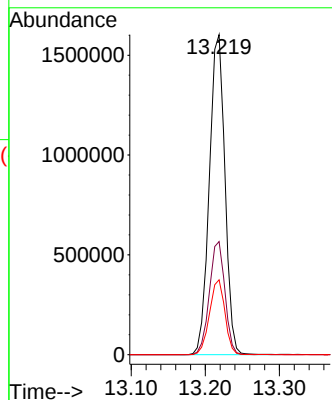
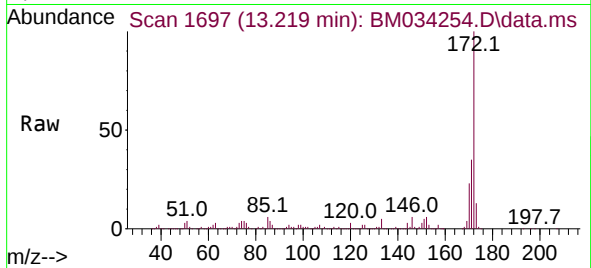




#45
2-Fluorobiphenyl
Concen: 84.385 ng
RT: 13.219 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

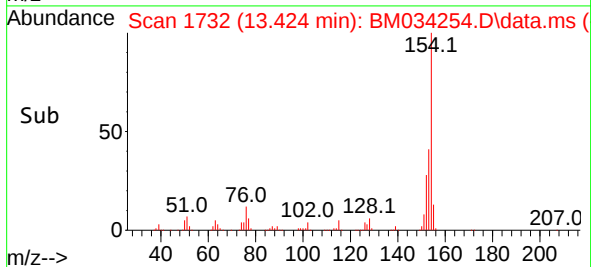
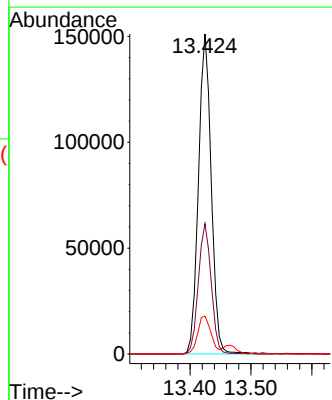
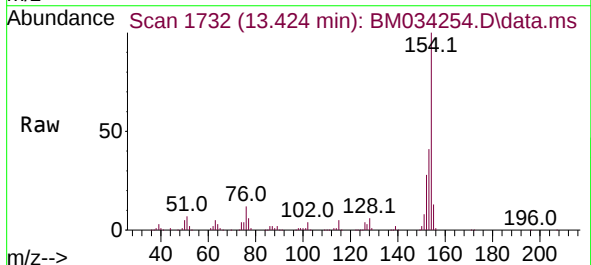
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

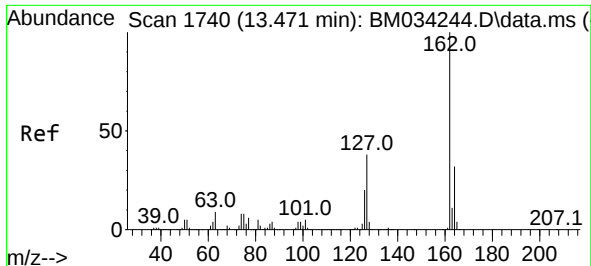
Tgt Ion:172 Resp: 2343495
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 7.610 ng
RT: 13.424 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:154 Resp: 220213
Ion Ratio Lower Upper
154 100
153 40.7 21.0 61.0
76 11.8 0.0 32.1





#47

2-Chloronaphthalene

Concen: 7.541 ng

RT: 13.466 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

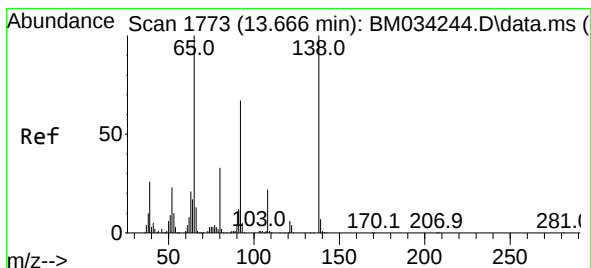
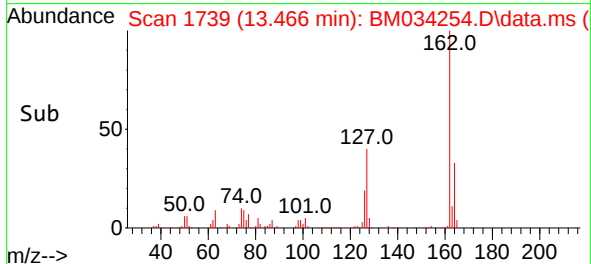
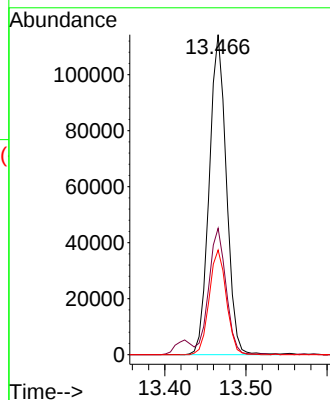
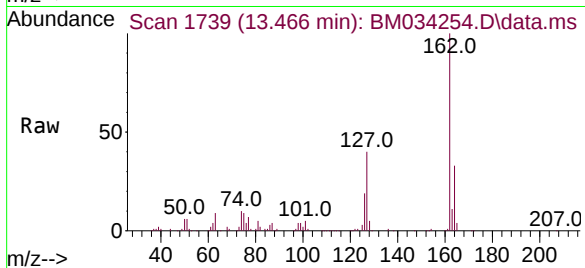
Tgt Ion:162 Resp: 167501

Ion Ratio Lower Upper

162 100

127 39.5 30.4 45.6

164 32.7 25.8 38.8



#48

2-Nitroaniline

Concen: 5.659 ng

RT: 13.666 min Scan# 1773

Delta R.T. -0.000 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

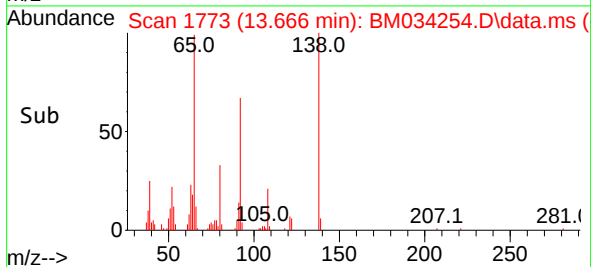
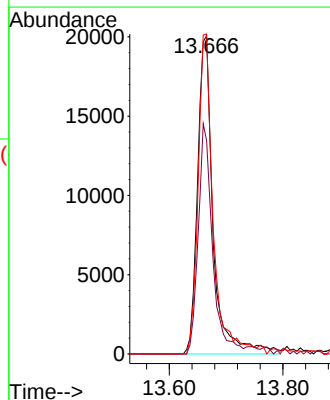
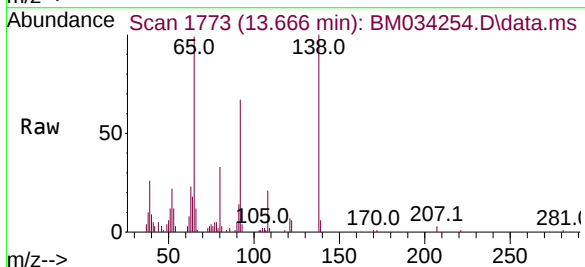
Tgt Ion: 65 Resp: 38429

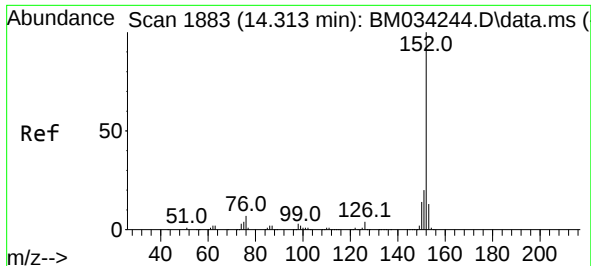
Ion Ratio Lower Upper

65 100

92 67.0 53.8 80.8

138 100.6 79.9 119.9

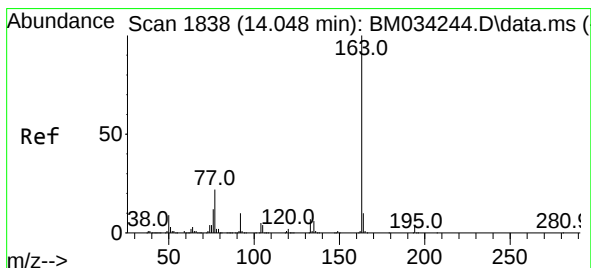
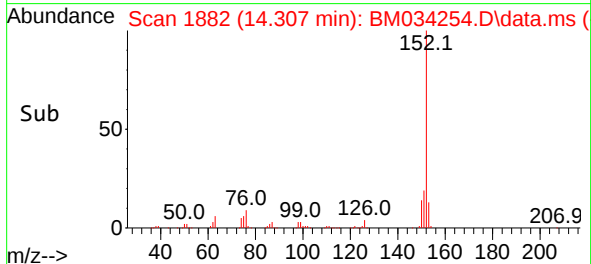
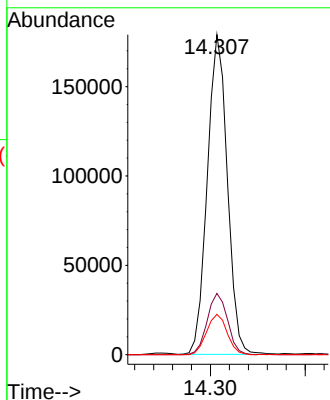
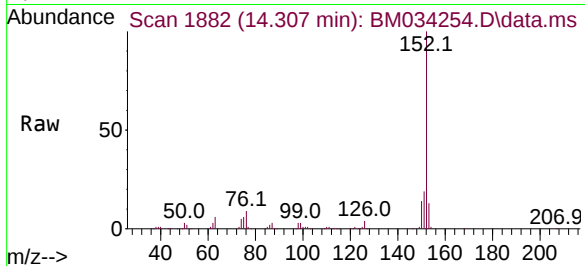




#49
Acenaphthylene
Concen: 7.579 ng
RT: 14.307 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

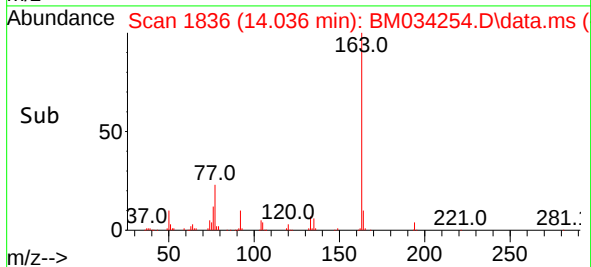
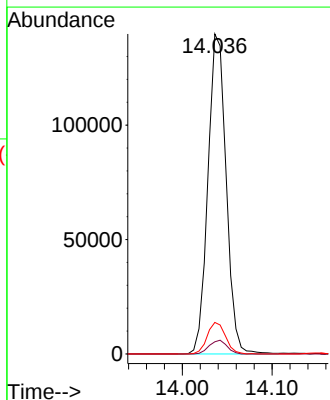
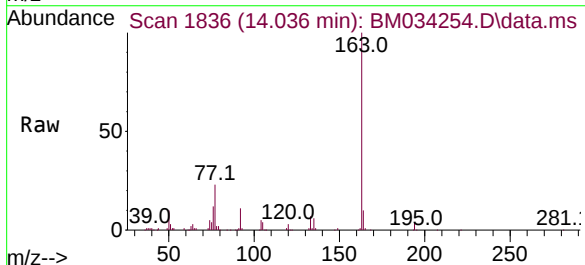
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

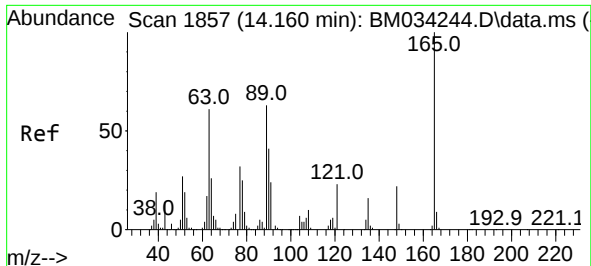
Tgt Ion:152 Resp: 262374
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.6 10.6 16.0



#50
Dimethylphthalate
Concen: 6.843 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:163 Resp: 197660
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.8 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 6.663 ng

RT: 14.154 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

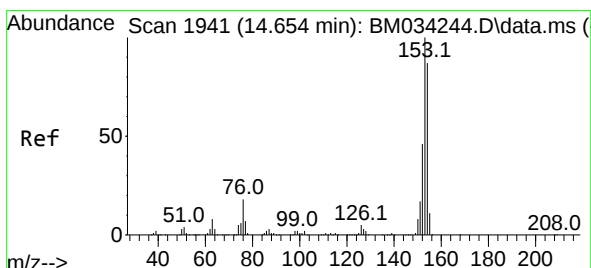
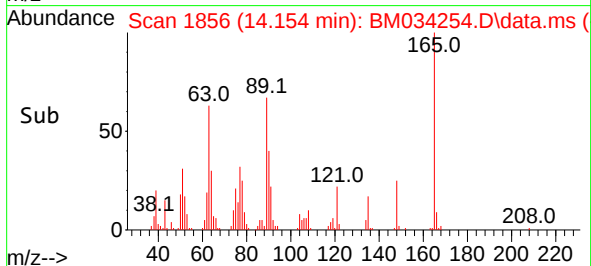
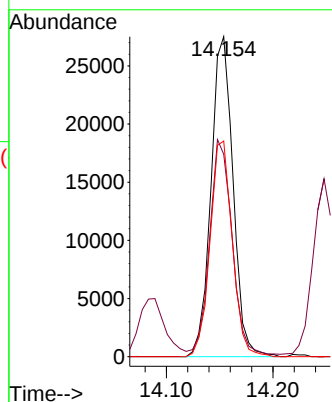
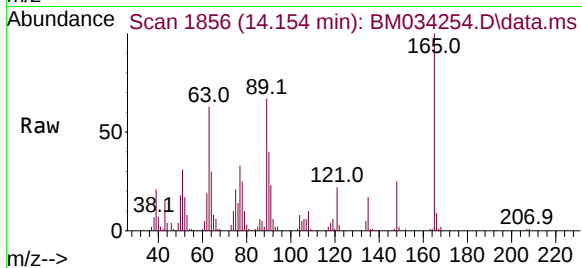
Tgt Ion:165 Resp: 39474

Ion Ratio Lower Upper

165 100

63 63.3 51.9 77.9

89 67.4 50.6 76.0



#52

Acenaphthene

Concen: 6.980 ng

RT: 14.648 min Scan# 1940

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

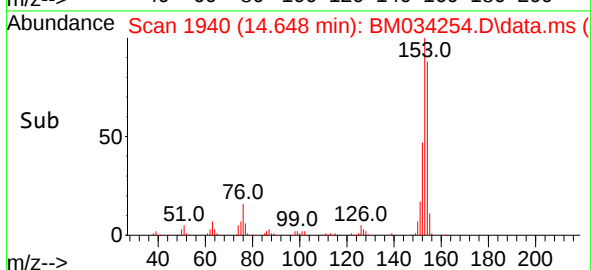
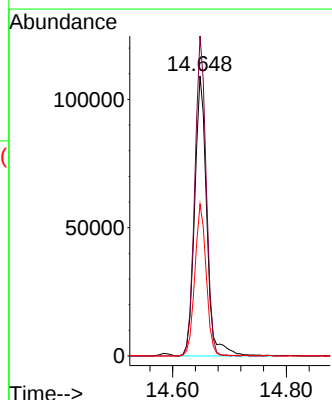
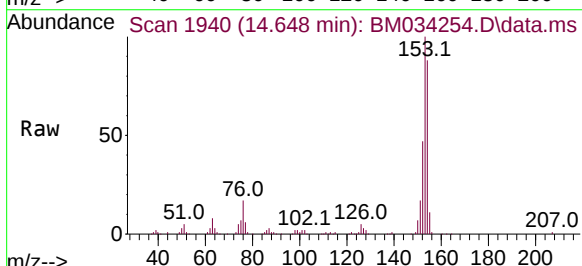
Tgt Ion:154 Resp: 162766

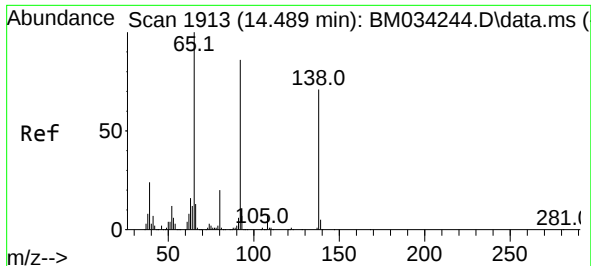
Ion Ratio Lower Upper

154 100

153 114.3 91.8 137.8

152 54.2 42.6 64.0

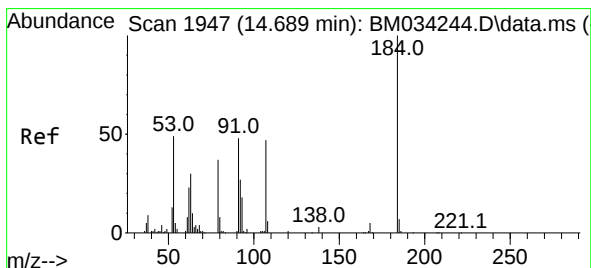
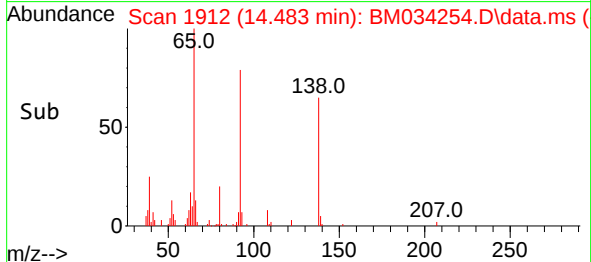
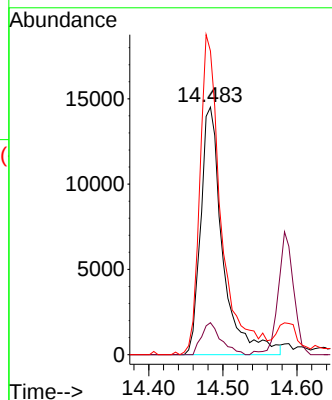
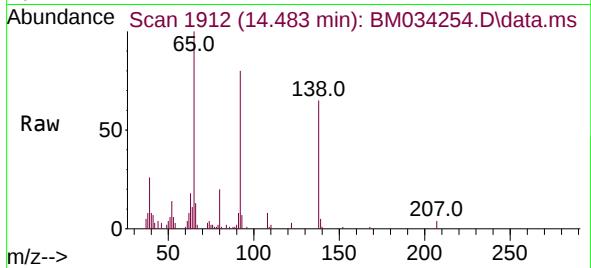




#53
3-Nitroaniline
Concen: 5.052 ng
RT: 14.483 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

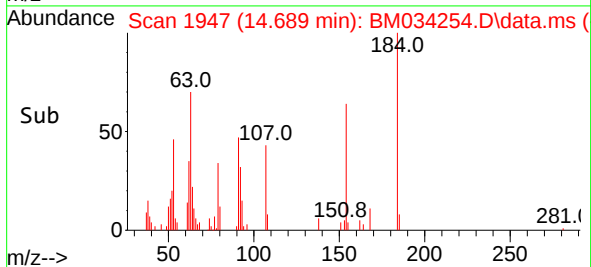
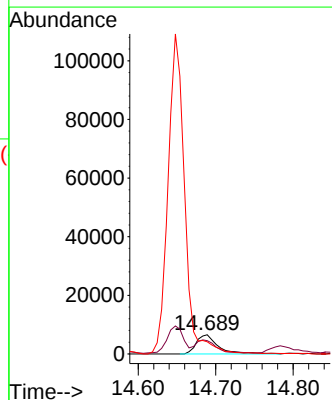
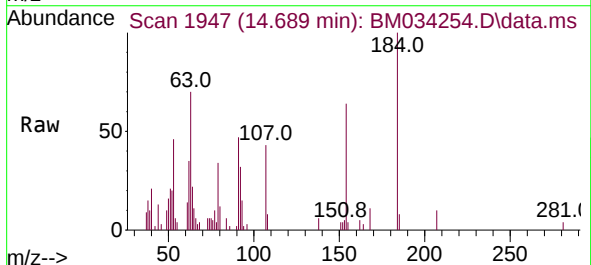
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

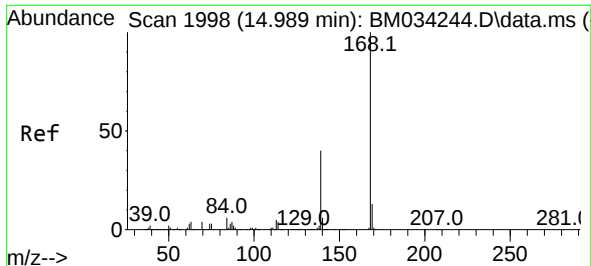
Tgt Ion:138 Resp: 30026
Ion Ratio Lower Upper
138 100
108 12.9 8.3 12.5#
92 122.7 97.6 146.4



#54
2,4-Dinitrophenol
Concen: 3.840 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:184 Resp: 12747
Ion Ratio Lower Upper
184 100
63 69.7 58.3 87.5
154 63.6 52.6 78.8

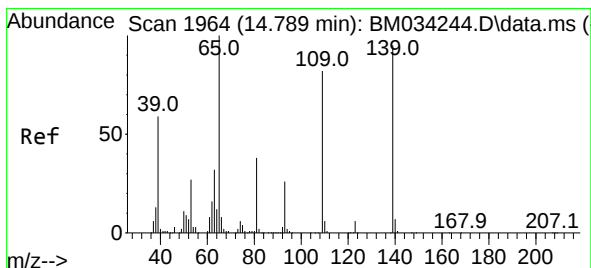
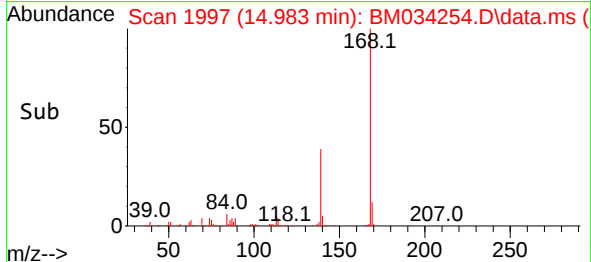
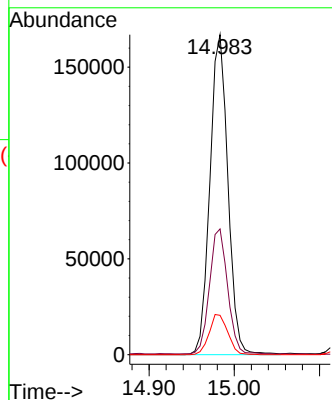
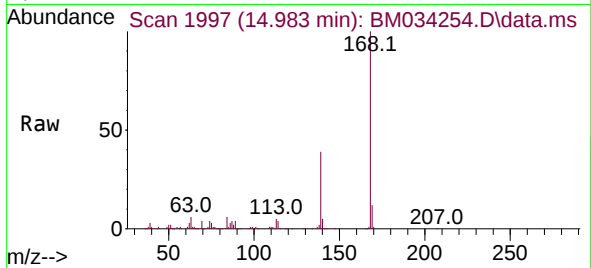




#55
Dibenzenofuran
Concen: 7.075 ng
RT: 14.983 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

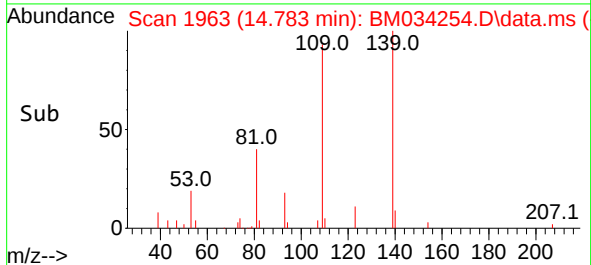
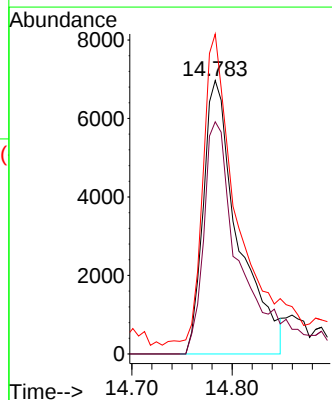
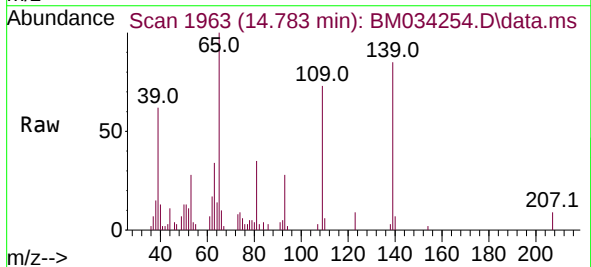
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

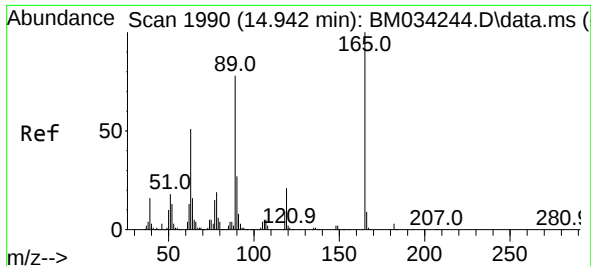
Tgt Ion:168 Resp: 245837
Ion Ratio Lower Upper
168 100
139 39.3 32.4 48.6
169 12.3 10.8 16.2



#56
4-Nitrophenol
Concen: 3.483 ng
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:139 Resp: 16785
Ion Ratio Lower Upper
139 100
109 84.9 66.3 106.3
65 117.0 85.5 125.5





#57

2,4-Dinitrotoluene

Concen: 5.772 ng

RT: 14.936 min Scan# 1989

Delta R.T. -0.006 min

Lab File: BM034254.D

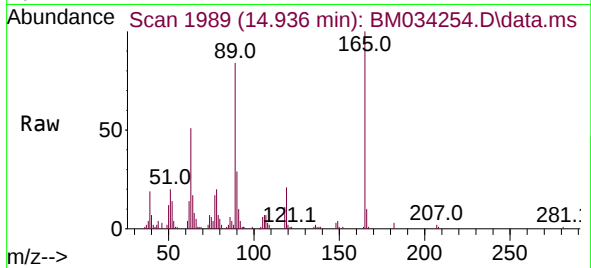
Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:165 Resp: 46225

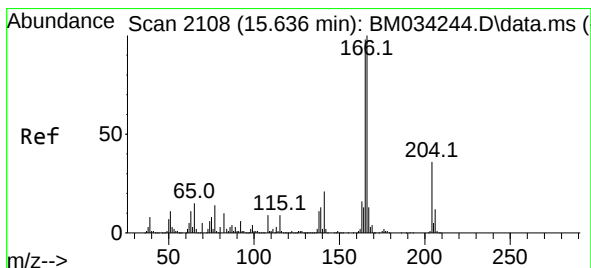
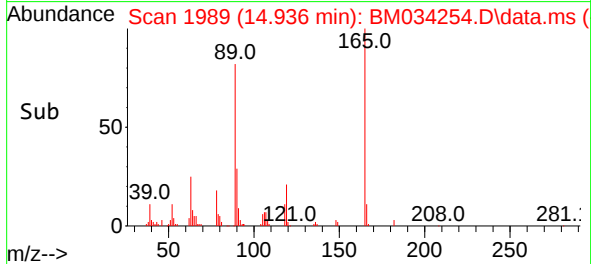
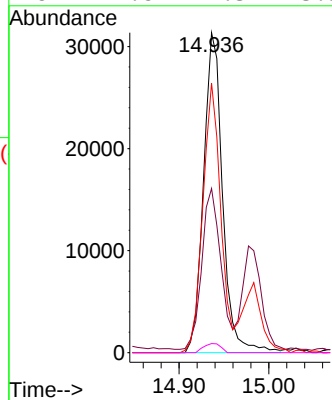
Ion Ratio Lower Upper

165 100

63 51.3 40.6 61.0

89 84.3 62.7 94.1

182 2.8 2.3 3.5



#58

Fluorene

Concen: 6.771 ng

RT: 15.630 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

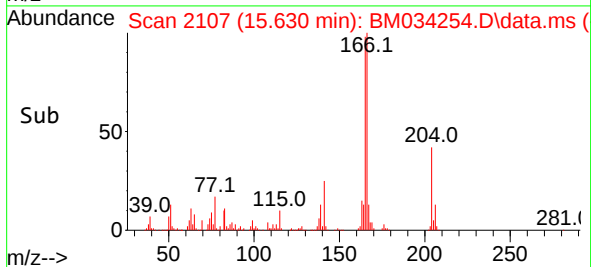
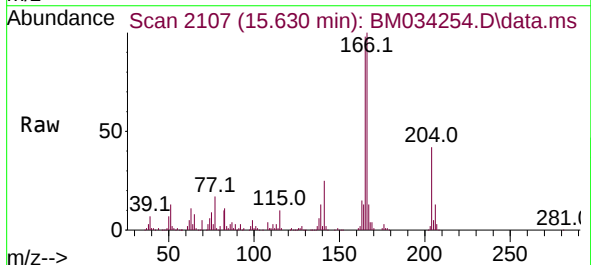
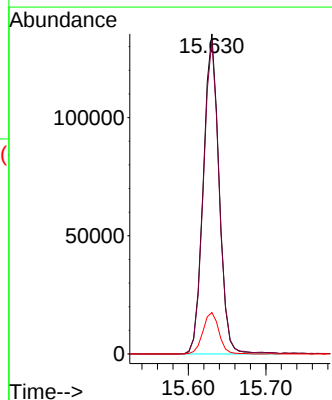
Tgt Ion:166 Resp: 191011

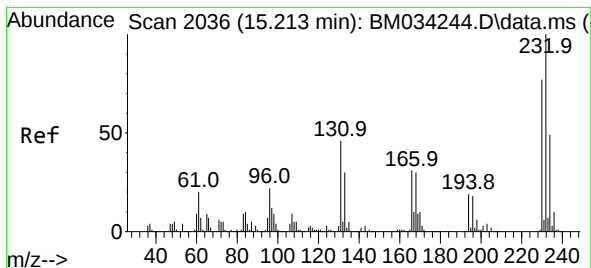
Ion Ratio Lower Upper

166 100

165 98.0 78.0 117.0

167 13.0 10.5 15.7

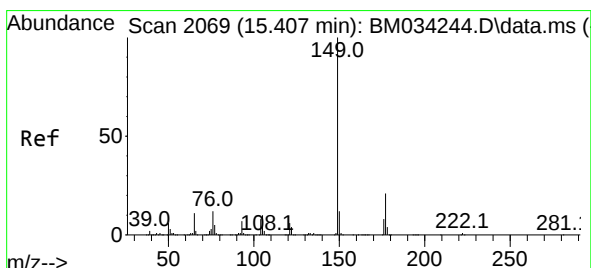
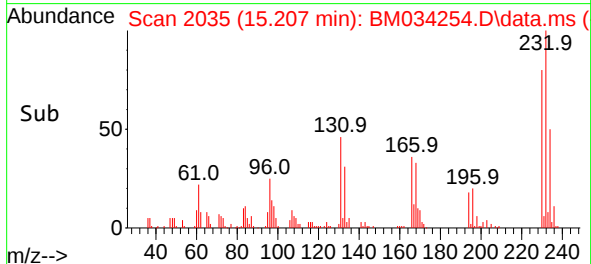
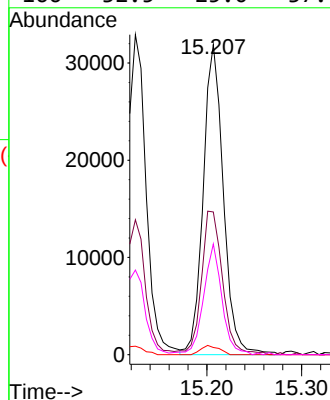
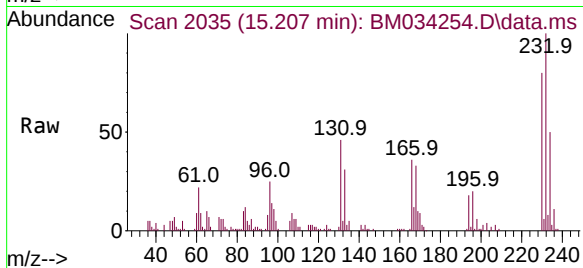




#59
2,3,4,6-Tetrachlorophenol
Concen: 6.175 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

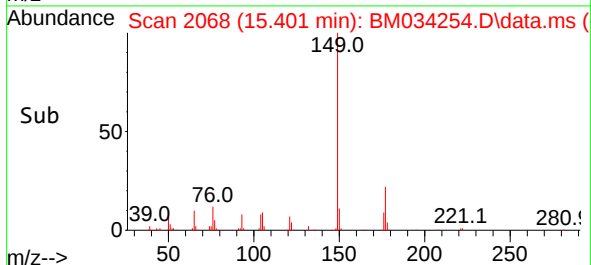
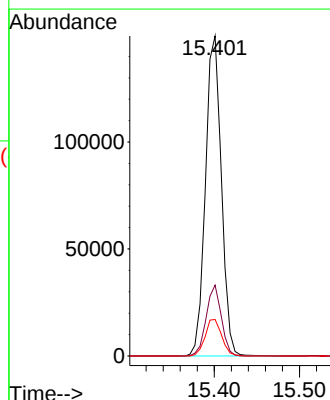
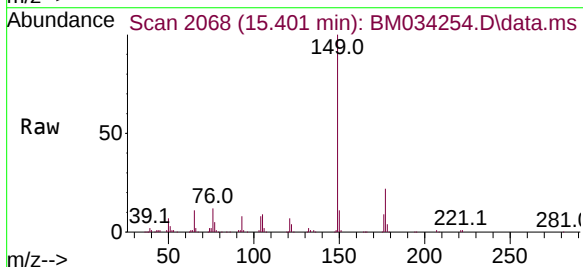
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

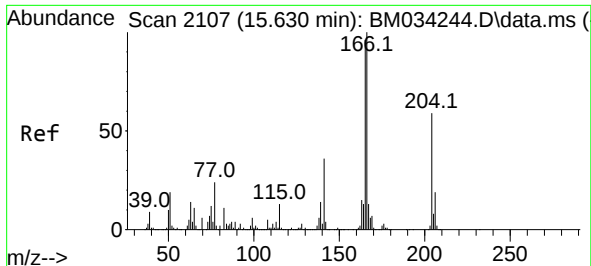
Tgt Ion:232 Resp: 47255
Ion Ratio Lower Upper
232 100
131 48.6 38.0 57.0
130 2.7 2.2 3.2
166 32.5 25.0 37.4



#60
Diethylphthalate
Concen: 6.545 ng
RT: 15.401 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:149 Resp: 193959
Ion Ratio Lower Upper
149 100
177 22.2 17.1 25.7
150 11.4 9.9 14.9

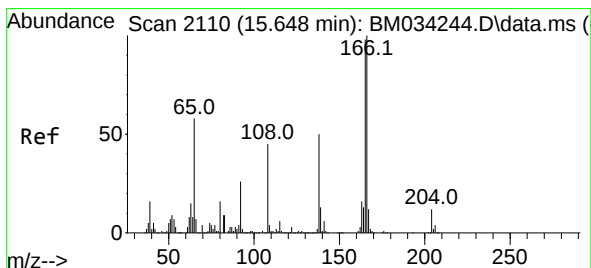
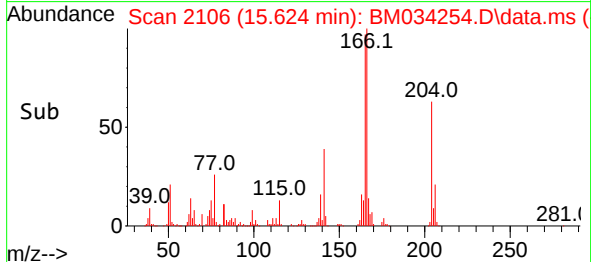
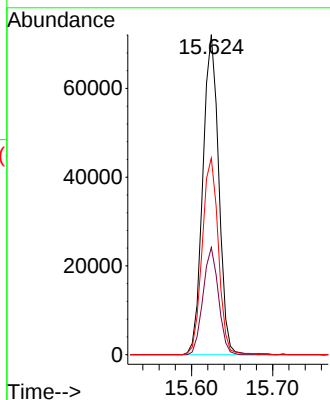
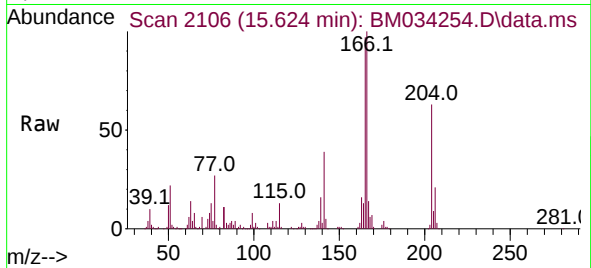




#61
4-Chlorophenyl-phenylether
Concen: 6.810 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

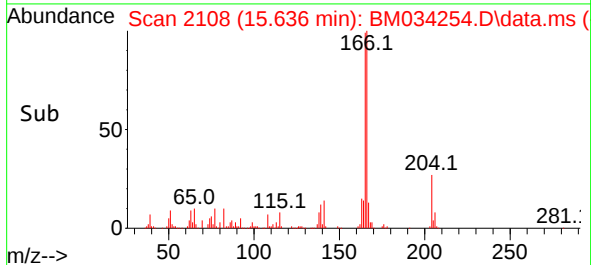
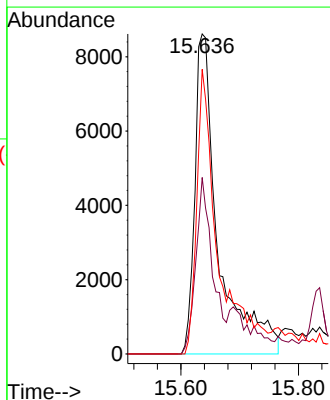
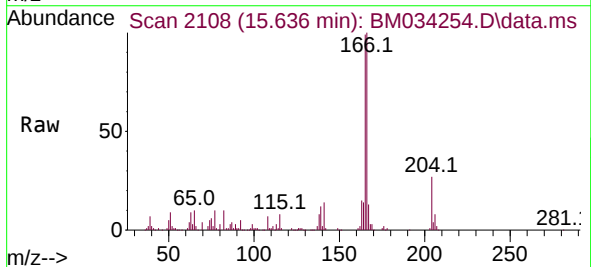
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

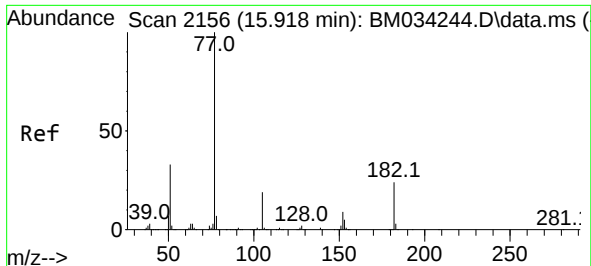
Tgt Ion:204 Resp: 98077
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 61.4 49.4 74.2



#62
4-Nitroaniline
Concen: 4.189 ng
RT: 15.636 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:138 Resp: 23951
Ion Ratio Lower Upper
138 100
92 55.2 32.6 72.6
108 89.0 69.8 109.8

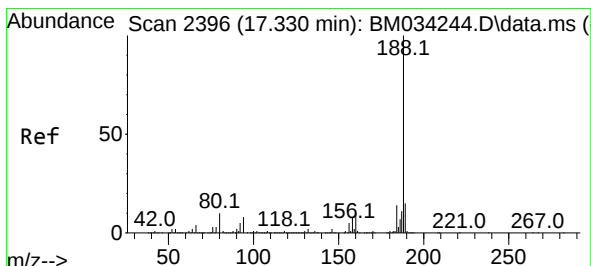
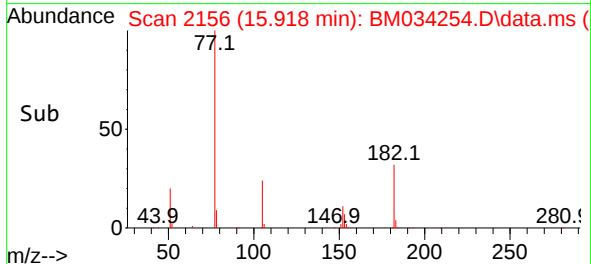
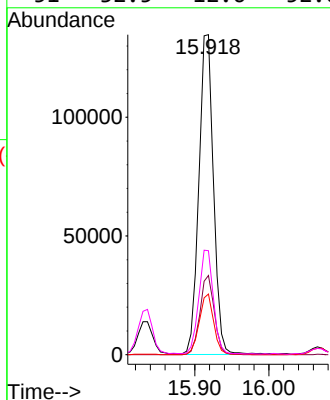
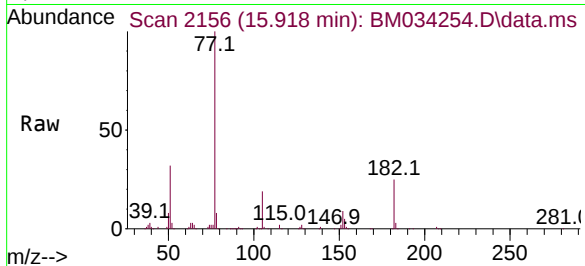




#63
Azobenzene
Concen: 6.487 ng
RT: 15.918 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

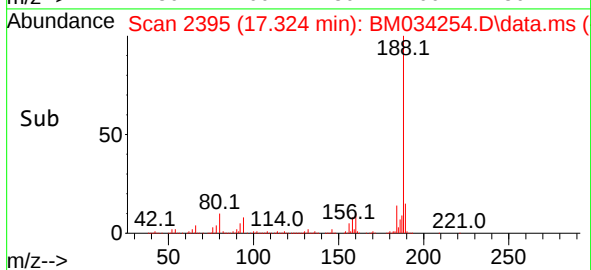
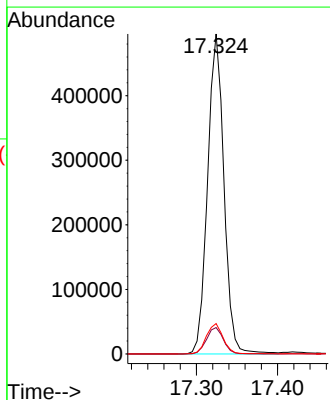
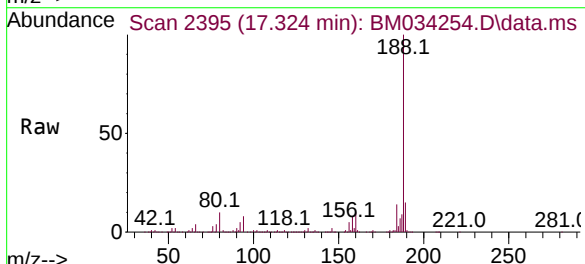
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

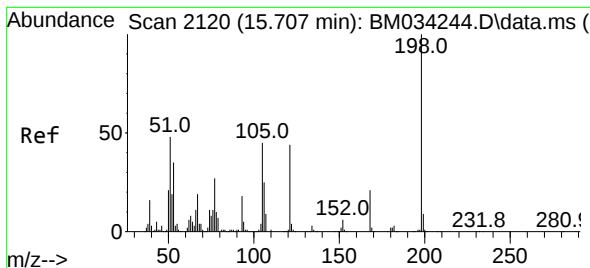
Tgt Ion: 77	Resp: 185358
Ion Ratio	Lower Upper
77 100	
182 24.7	4.4 44.4
105 18.9	0.0 38.7
51 32.5	12.6 52.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:188	Resp: 692493
Ion Ratio	Lower Upper
188 100	
94 8.3	6.6 9.8
80 9.5	7.8 11.8

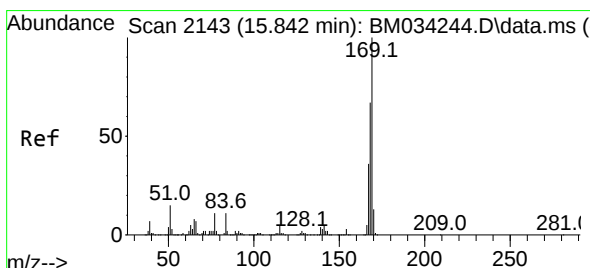
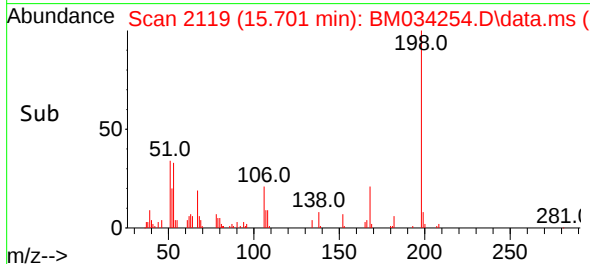
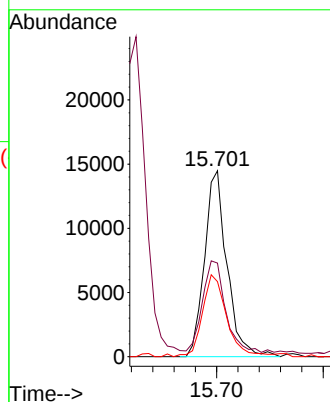
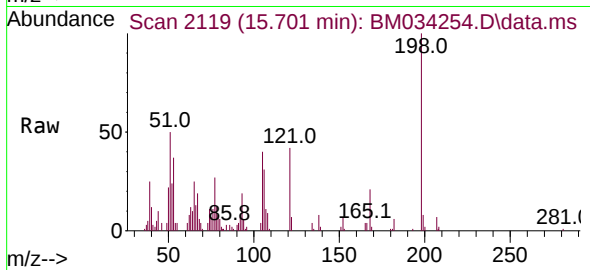




#65
4,6-Dinitro-2-methylphenol
Concen: 4.701 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

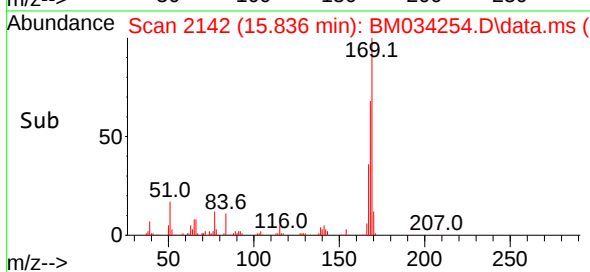
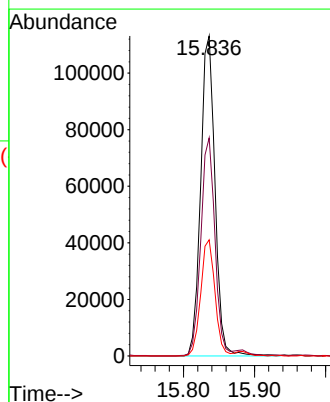
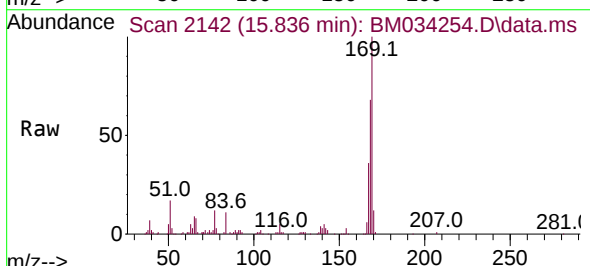
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

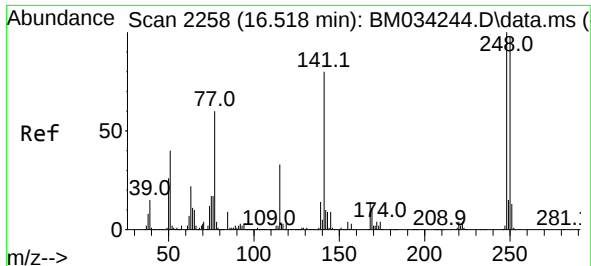
Tgt Ion:198	Resp:	21167
Ion Ratio	Lower	Upper
198	100	
51	50.4	29.0 69.0
105	40.4	25.3 65.3



#66
n-Nitrosodiphenylamine
Concen: 7.242 ng
RT: 15.836 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:169	Resp:	159327
Ion Ratio	Lower	Upper
169	100	
168	68.1	53.9 80.9
167	36.3	29.0 43.4

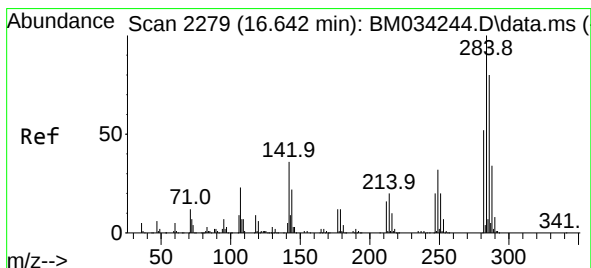
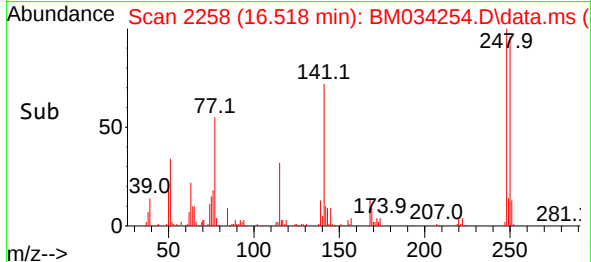
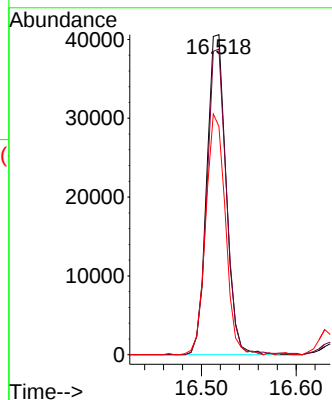
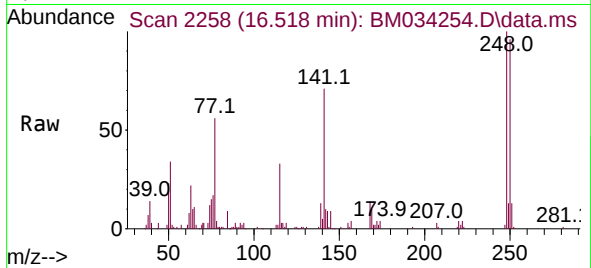




#67
4-Bromophenyl-phenylether
Concen: 7.192 ng
RT: 16.518 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

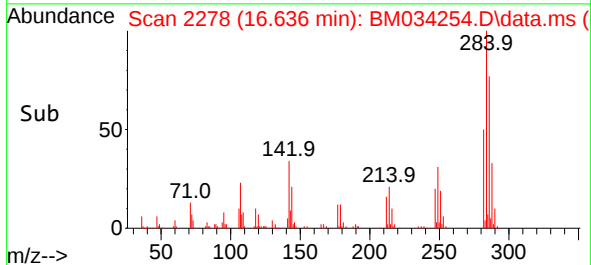
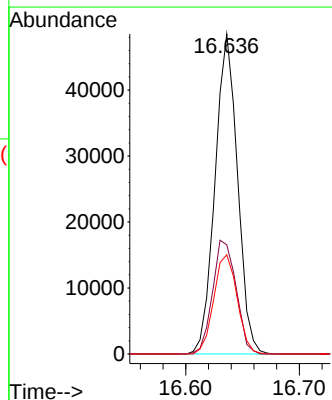
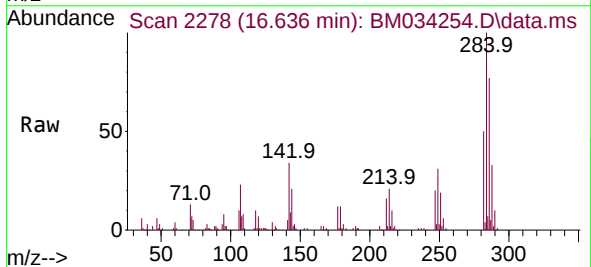
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

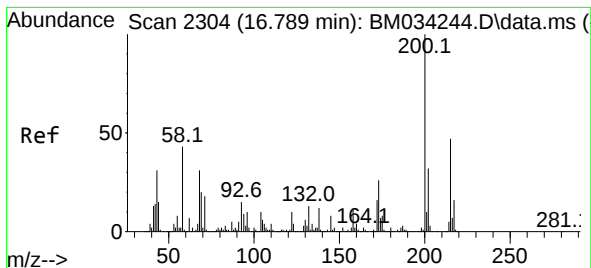
Tgt Ion:248 Resp: 57252
Ion Ratio Lower Upper
248 100
250 95.5 78.0 117.0
141 71.4 63.8 95.6



#68
Hexachlorobenzene
Concen: 7.514 ng
RT: 16.636 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:284 Resp: 66719
Ion Ratio Lower Upper
284 100
142 34.1 28.9 43.3
249 31.0 25.4 38.0





#69

Atrazine

Concen: 7.231 ng

RT: 16.777 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

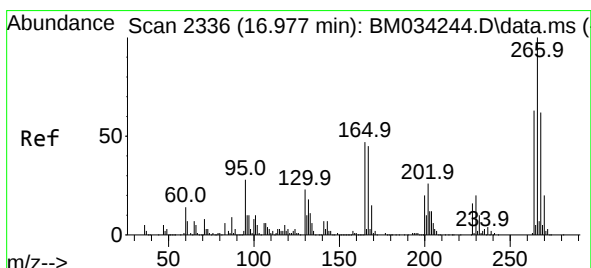
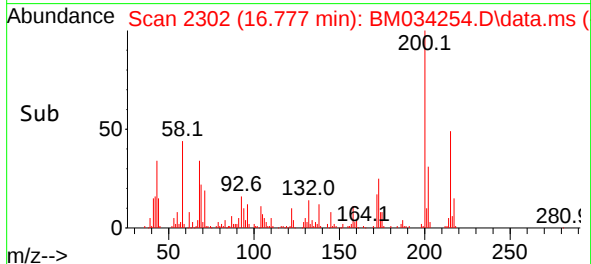
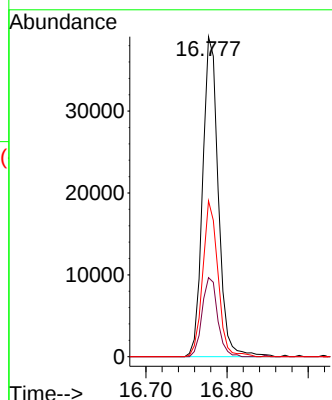
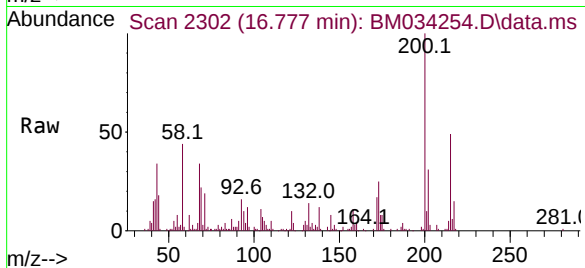
Tgt Ion:200 Resp: 52438

Ion Ratio Lower Upper

200 100

173 24.7 6.1 46.1

215 48.7 27.4 67.4



#70

Pentachlorophenol

Concen: 5.695 ng

RT: 16.977 min Scan# 2336

Delta R.T. 0.000 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

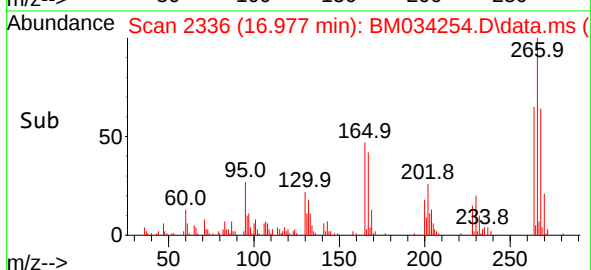
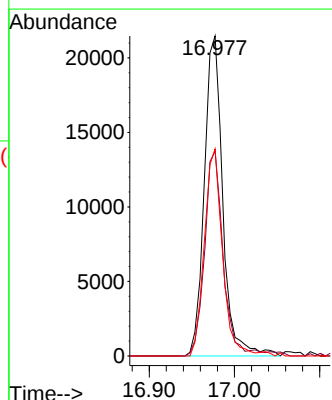
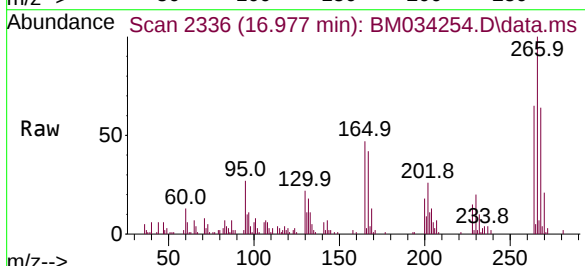
Tgt Ion:266 Resp: 32339

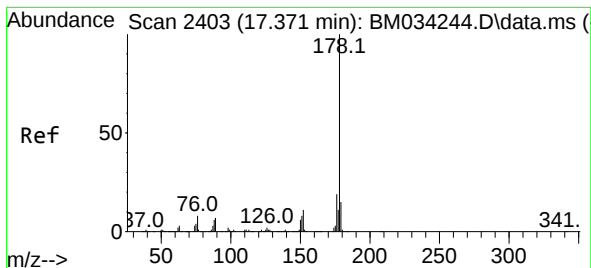
Ion Ratio Lower Upper

266 100

268 68.1 49.8 74.8

264 64.7 50.3 75.5





#71

Phenanthrene

Concen: 7.227 ng

RT: 17.365 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

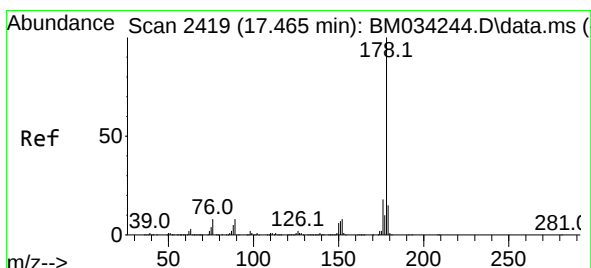
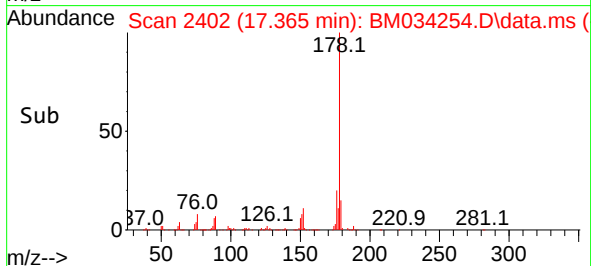
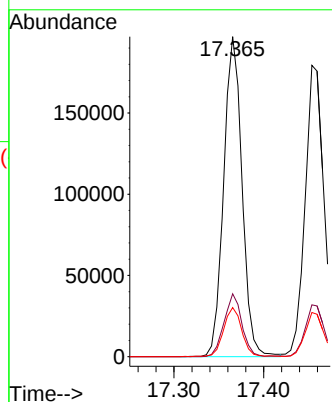
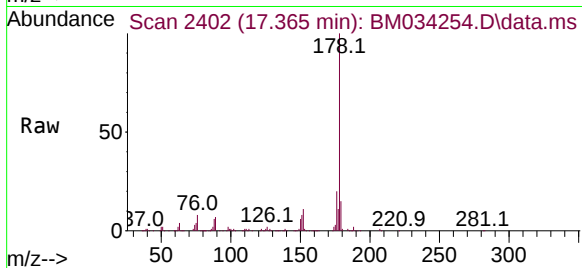
Tgt Ion:178 Resp: 280258

Ion Ratio Lower Upper

178 100

176 19.6 15.1 22.7

179 15.3 12.2 18.4



#72

Anthracene

Concen: 7.140 ng

RT: 17.454 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

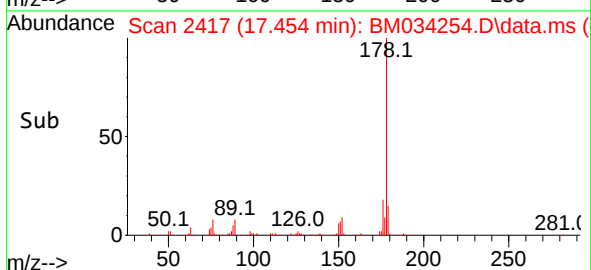
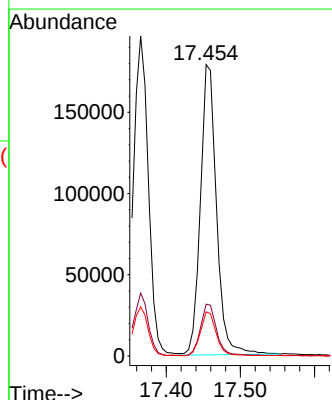
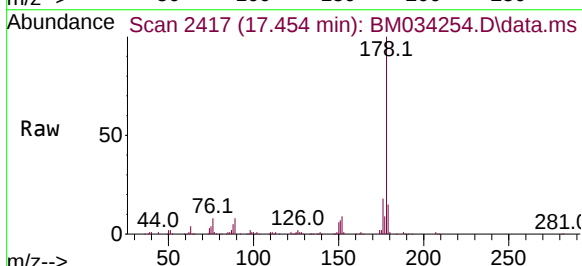
Tgt Ion:178 Resp: 269517

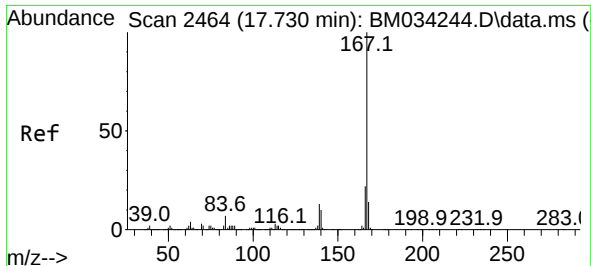
Ion Ratio Lower Upper

178 100

176 17.8 14.6 22.0

179 15.1 12.2 18.2

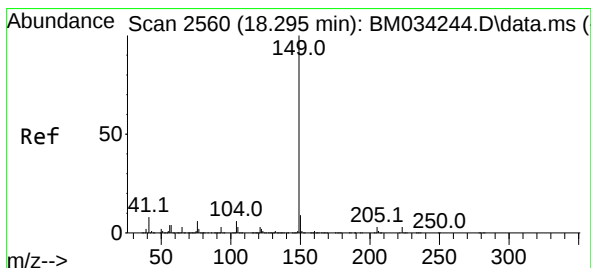
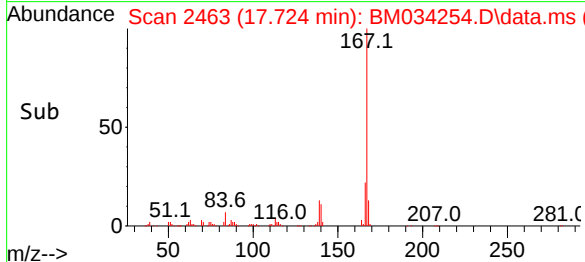
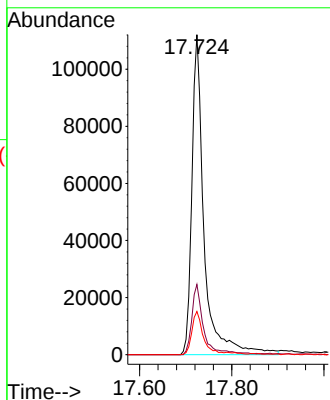
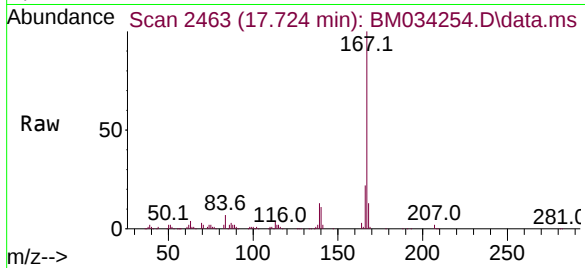




#73
Carbazole
Concen: 5.845 ng
RT: 17.724 min Scan# 24
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

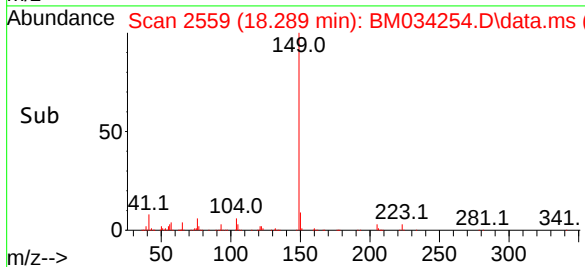
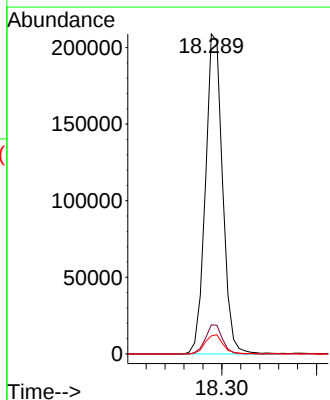
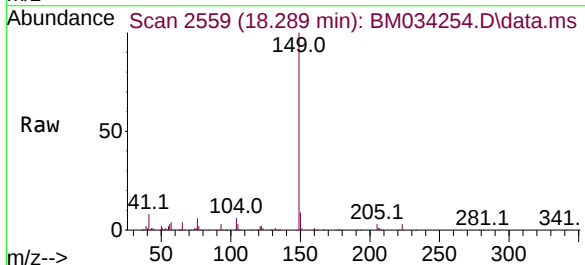
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

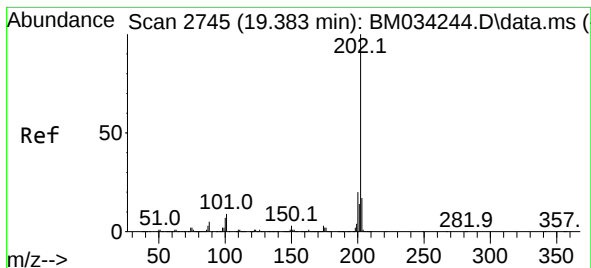
Tgt Ion:167 Resp: 205779
Ion Ratio Lower Upper
167 100
166 21.9 17.4 26.2
139 13.5 10.4 15.6



#74
Di-n-butylphthalate
Concen: 5.995 ng
RT: 18.289 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:149 Resp: 262382
Ion Ratio Lower Upper
149 100
150 9.1 7.6 11.4
104 5.7 4.7 7.1





#75

Fluoranthene

Concen: 6.396 ng

RT: 19.377 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

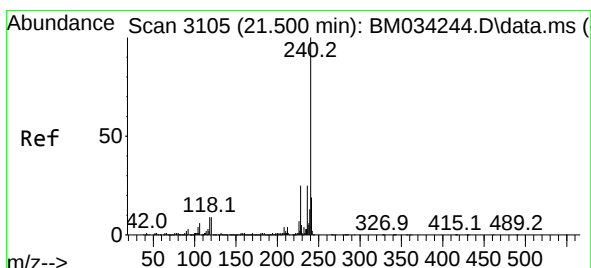
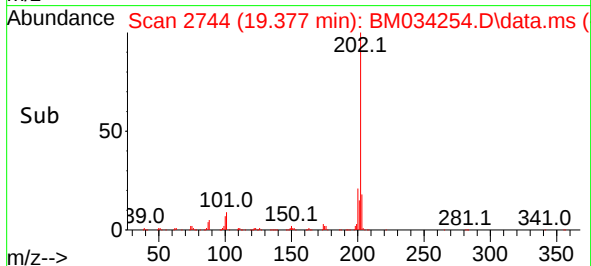
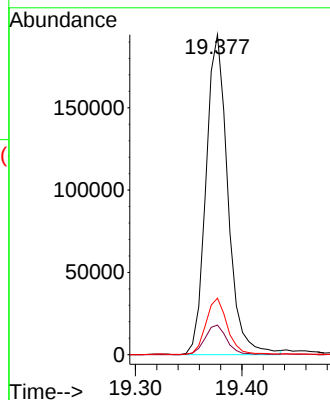
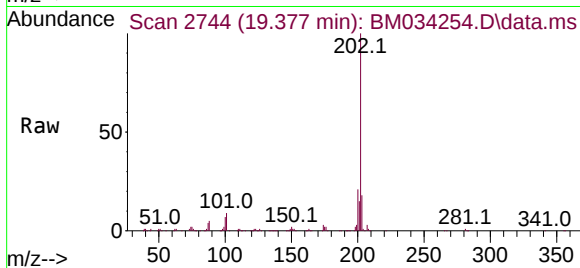
Tgt Ion:202 Resp: 278058

Ion Ratio Lower Upper

202 100

101 9.3 0.0 29.4

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.495 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

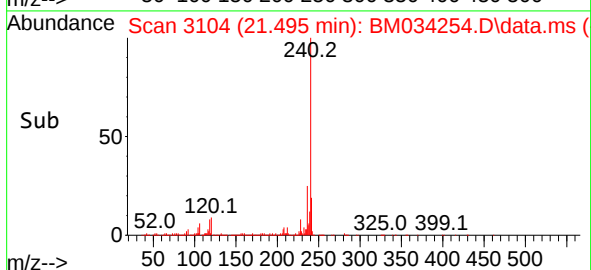
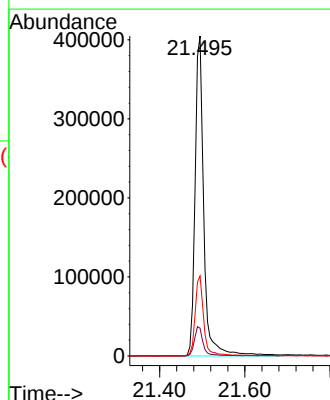
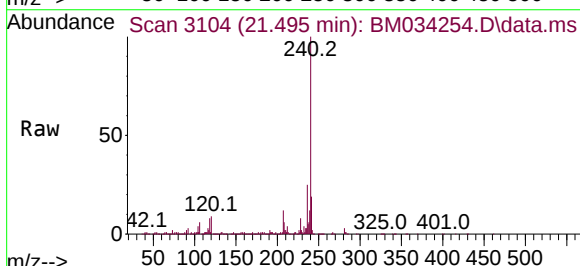
Tgt Ion:240 Resp: 577452

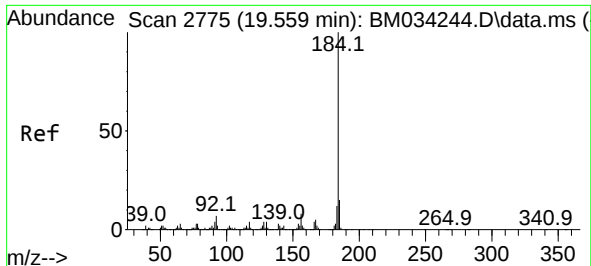
Ion Ratio Lower Upper

240 100

120 8.7 7.3 10.9

236 25.0 20.2 30.2

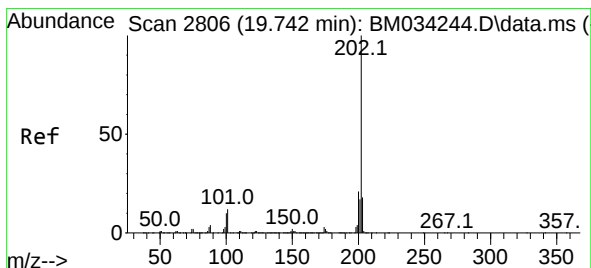
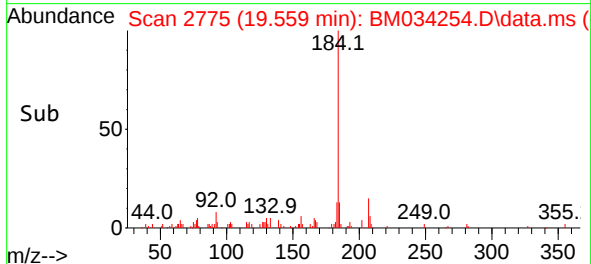
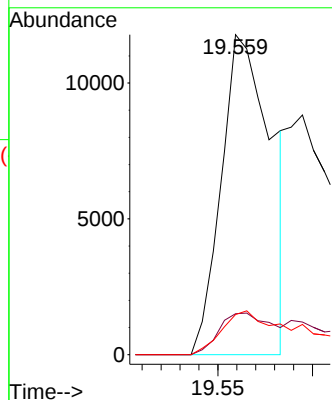
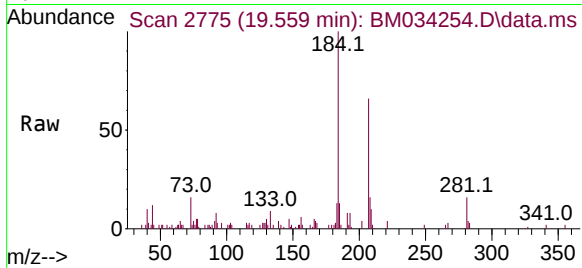




#77
Benzidine
Concen: 2.553 ng
RT: 19.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

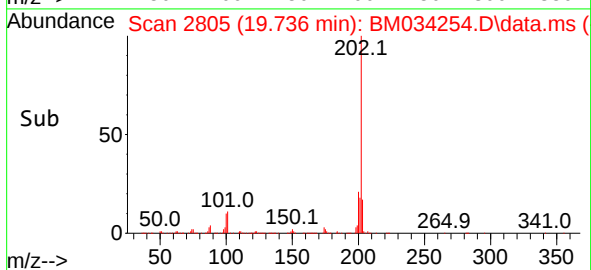
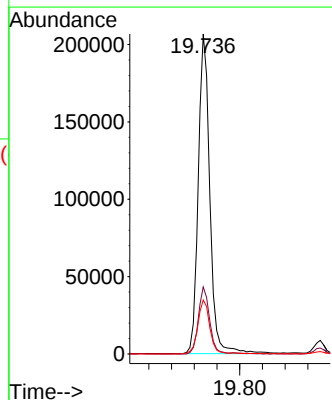
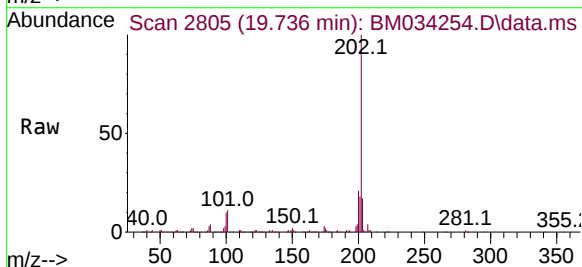
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

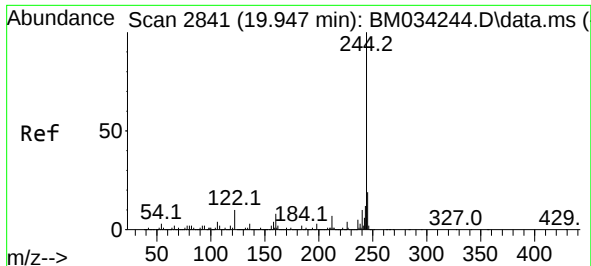
Tgt Ion:184 Resp: 21600
Ion Ratio Lower Upper
184 100
185 12.8 11.7 17.5
183 12.6 9.8 14.6



#78
Pyrene
Concen: 7.212 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:202 Resp: 293404
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 16.9 14.1 21.1

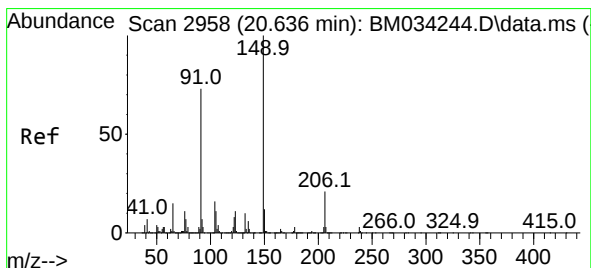
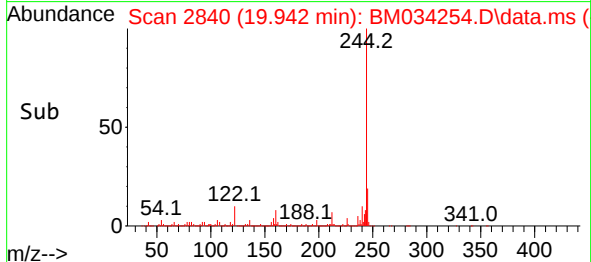
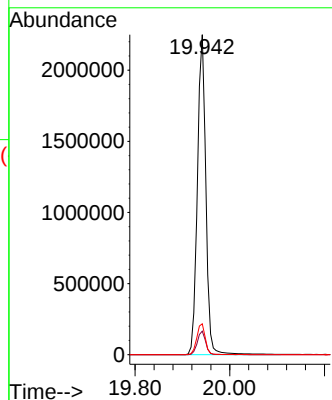
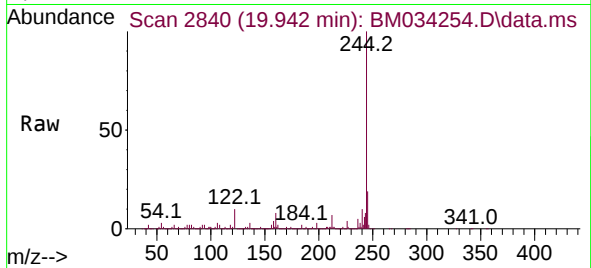




#79
 Terphenyl-d14
 Concen: 84.006 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

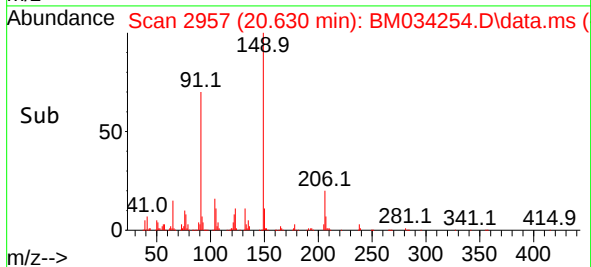
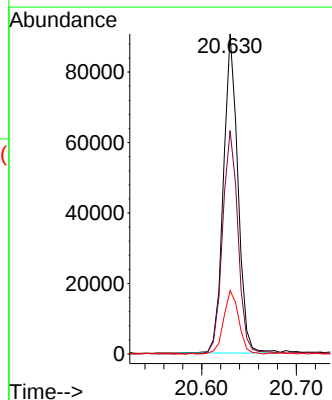
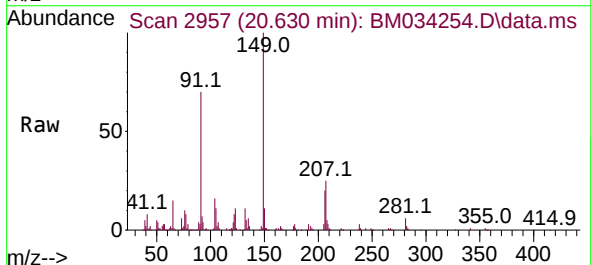
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

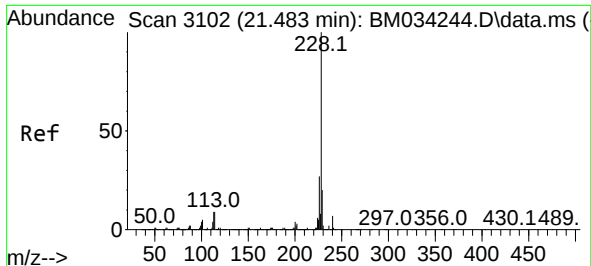
Tgt Ion:244 Resp: 2791719
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 9.6 7.8 11.8



#80
 Butylbenzylphthalate
 Concen: 5.617 ng
 RT: 20.630 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM034254.D
 Acq: 16 Mar 2022 11:50

Tgt Ion:149 Resp: 96651
 Ion Ratio Lower Upper
 149 100
 91 69.8 58.5 87.7
 206 19.8 16.9 25.3

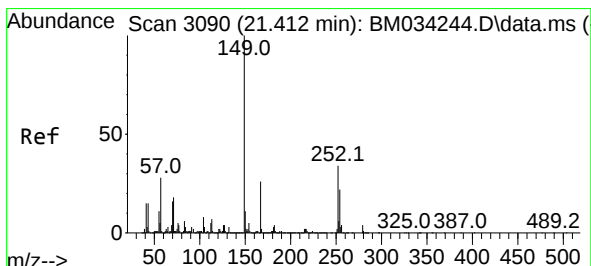
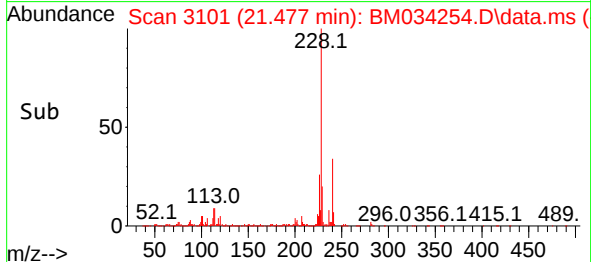
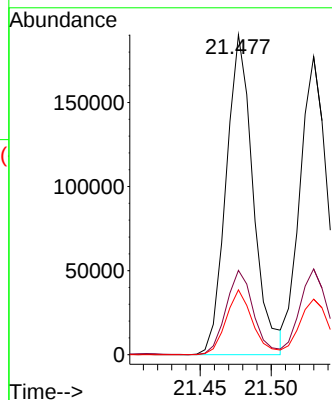
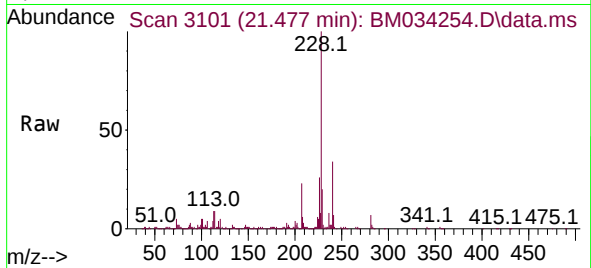




#81
Benzo(a)anthracene
Concen: 6.900 ng
RT: 21.477 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

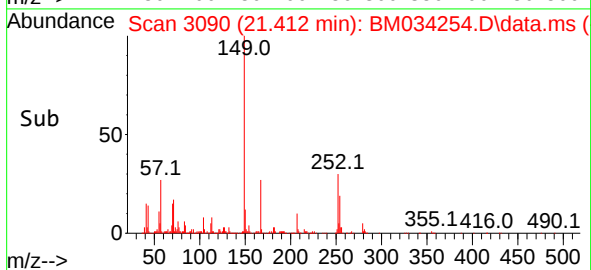
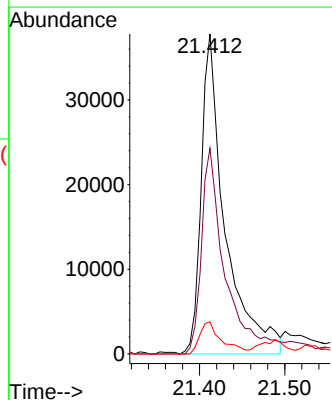
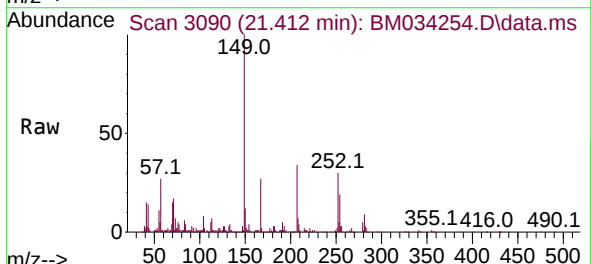
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

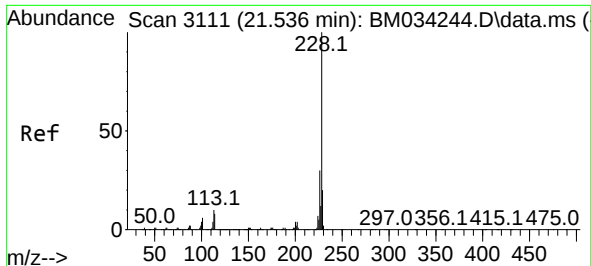
Tgt Ion:228 Resp: 251482
Ion Ratio Lower Upper
228 100
226 26.3 21.6 32.4
229 20.3 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 6.020 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:252 Resp: 73282
Ion Ratio Lower Upper
252 100
254 64.2 50.9 76.3
126 10.0 8.6 12.8

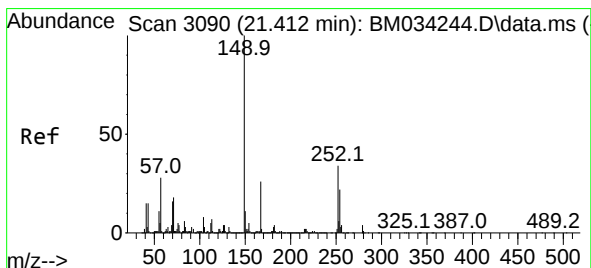
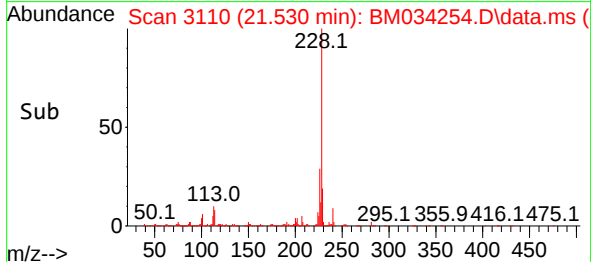
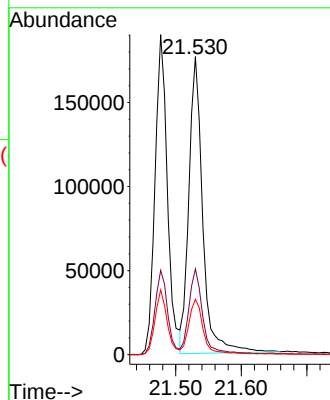
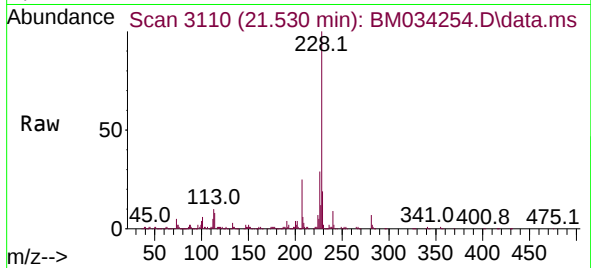




#83
Chrysene
Concen: 6.944 ng
RT: 21.530 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

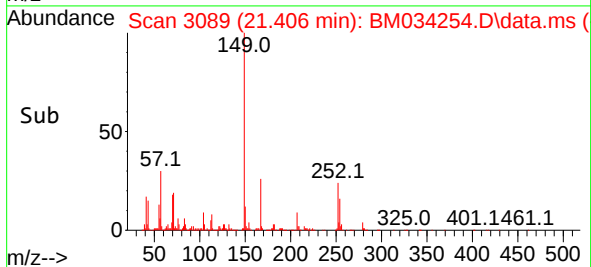
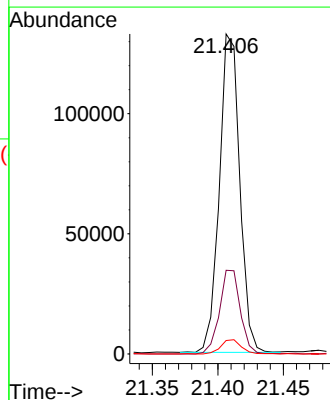
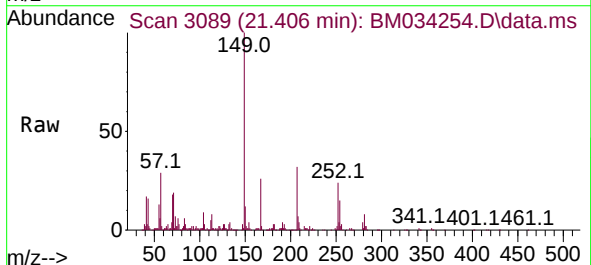
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

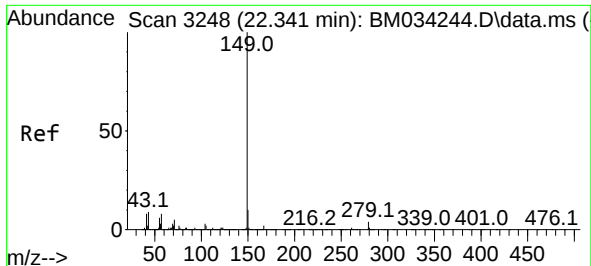
Tgt Ion:228 Resp: 258458
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.6
229 18.6 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.631 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:149 Resp: 143078
Ion Ratio Lower Upper
149 100
167 26.2 21.2 31.8
279 4.2 3.4 5.2

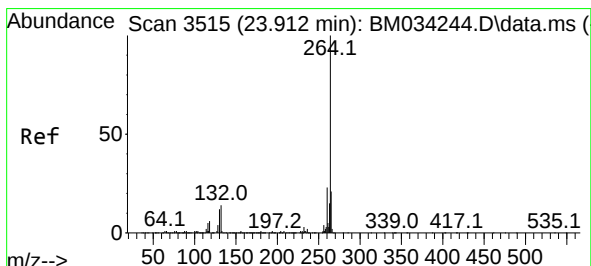
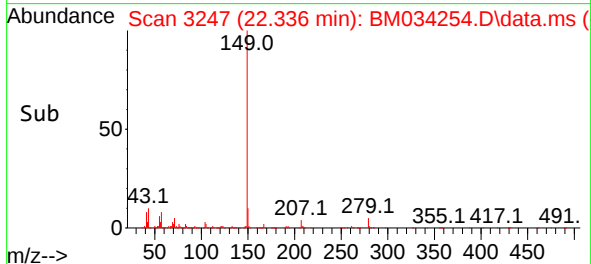
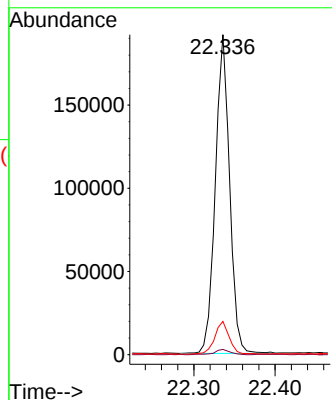
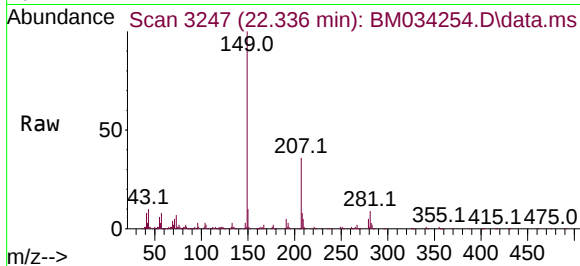




#85
Di-n-octyl phthalate
Concen: 5.797 ng
RT: 22.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

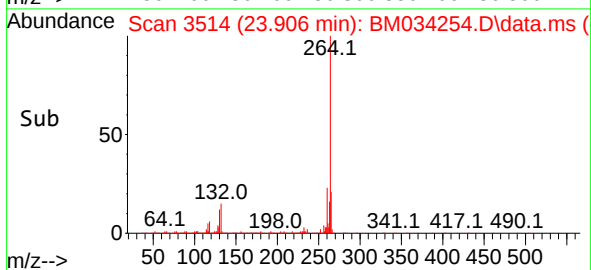
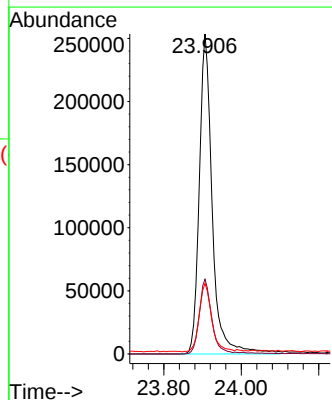
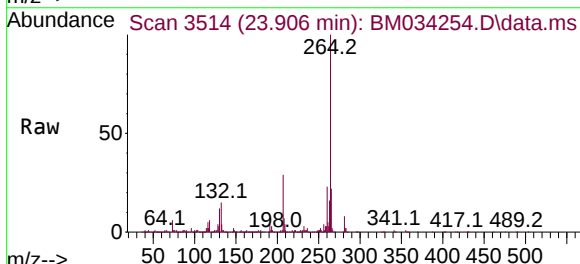
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

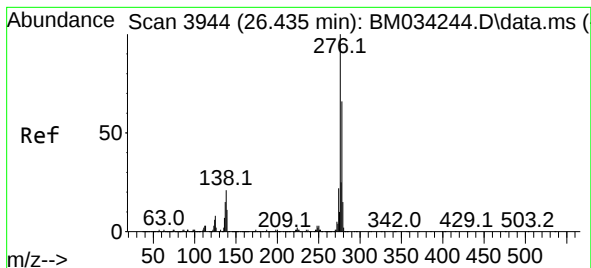
Tgt Ion:149 Resp: 233791
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 10.4 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.906 min Scan# 3514
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:264 Resp: 587996
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.0 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.583 ng

RT: 26.418 min Scan# 3941

Delta R.T. -0.018 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

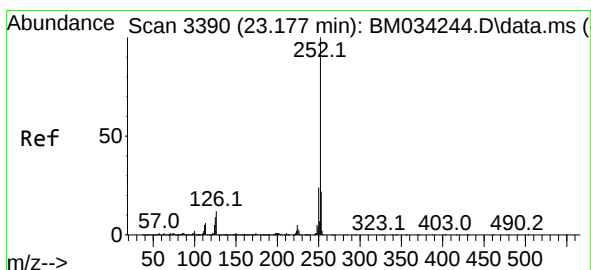
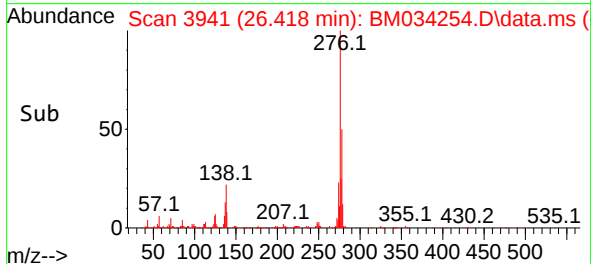
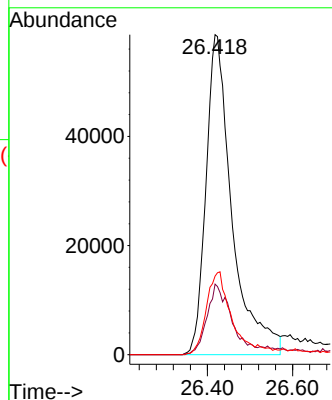
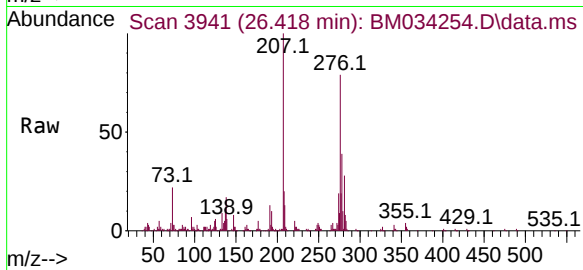
Tgt Ion:276 Resp: 248987

Ion Ratio Lower Upper

276 100

138 20.9 16.6 25.0

277 24.1 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 6.776 ng

RT: 23.171 min Scan# 3389

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

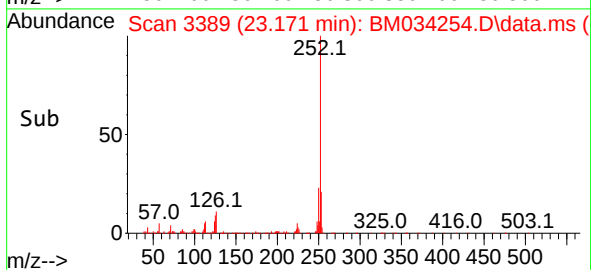
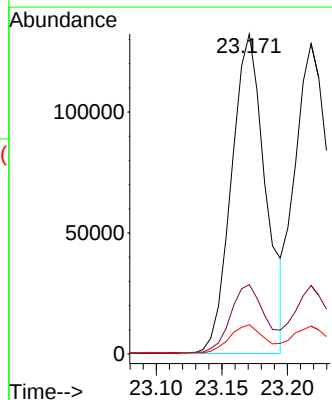
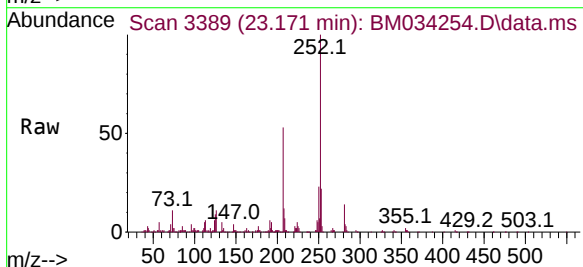
Tgt Ion:252 Resp: 238235

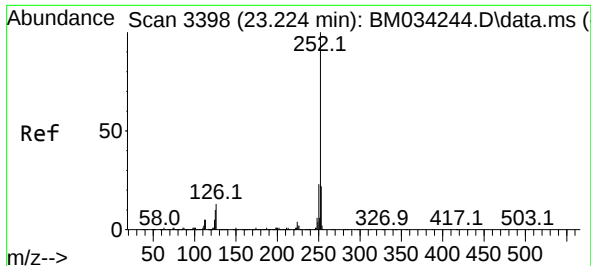
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 9.2 7.2 10.8

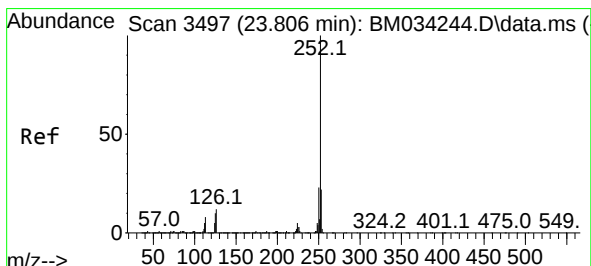
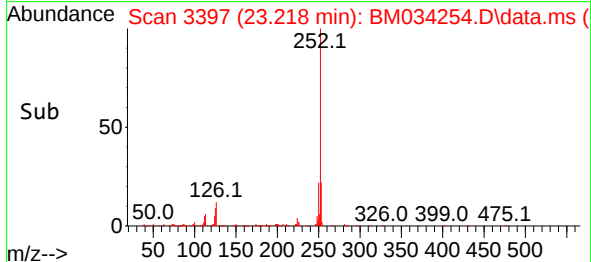
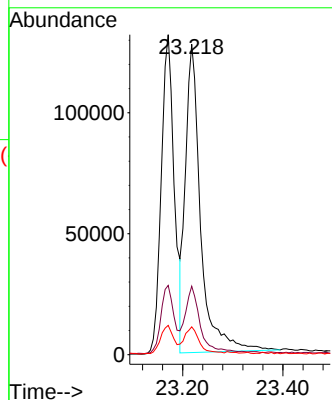
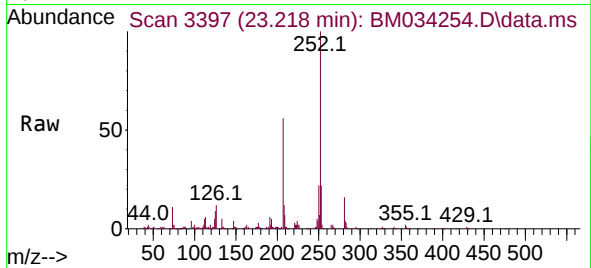




#89
Benzo(k)fluoranthene
Concen: 7.236 ng
RT: 23.218 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

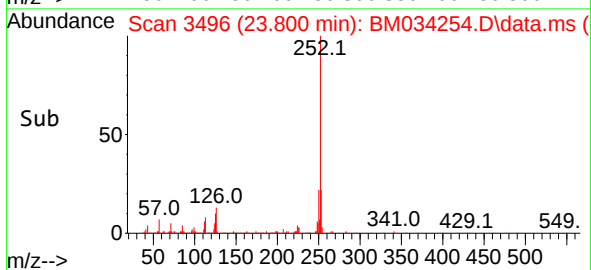
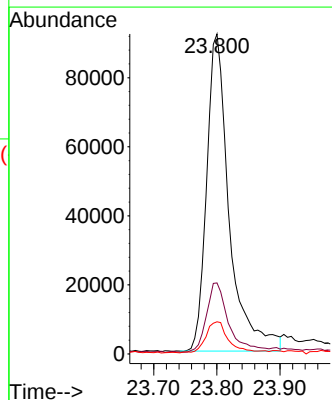
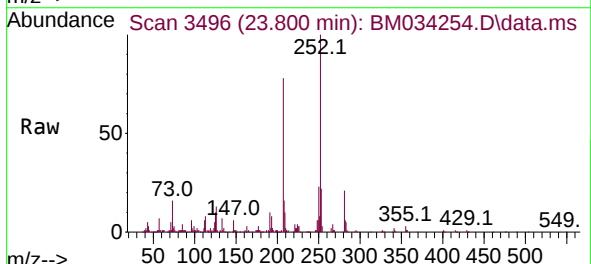
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

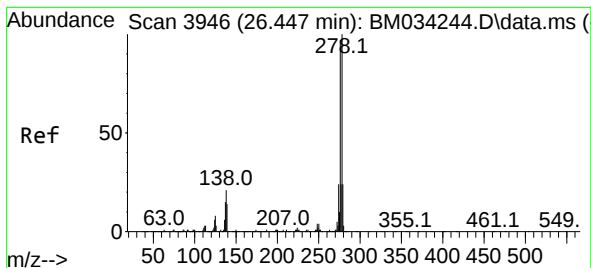
Tgt Ion:252 Resp: 269518
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 7.682 ng
RT: 23.800 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM034254.D
Acq: 16 Mar 2022 11:50

Tgt Ion:252 Resp: 228969
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.0 7.8 11.6





#91

Dibenzo(a,h)anthracene

Concen: 6.572 ng

RT: 26.441 min Scan# 3946

Delta R.T. -0.006 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

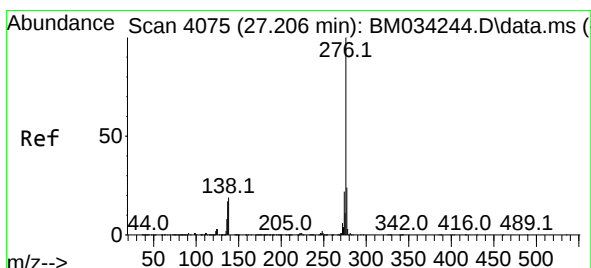
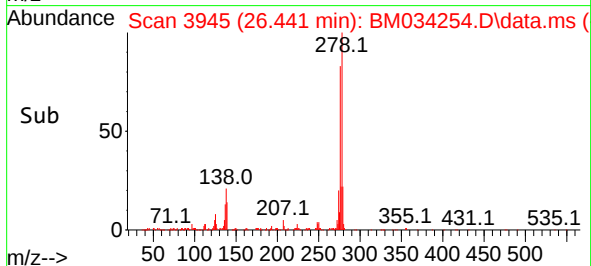
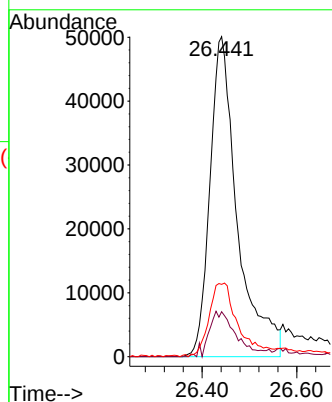
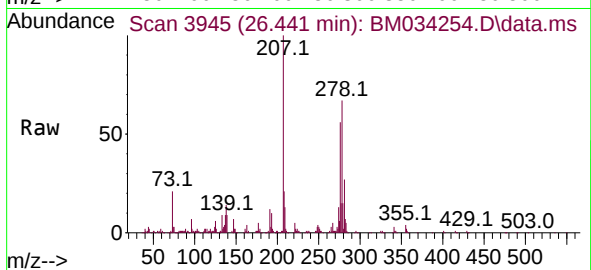
Tgt Ion:278 Resp: 201568

Ion Ratio Lower Upper

278 100

139 14.1 11.2 16.8

279 22.6 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 7.614 ng

RT: 27.188 min Scan# 4072

Delta R.T. -0.018 min

Lab File: BM034254.D

Acq: 16 Mar 2022 11:50

Tgt Ion:276 Resp: 241696

Ion Ratio Lower Upper

276 100

277 22.3 19.0 28.4

138 18.2 15.6 23.4

