

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029246.D
 Acq On : 29 Mar 2021 14:01
 Operator : CG/JU
 Sample : M1458-03
 Misc : MDL-SOIL-8PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT1-2021

Quant Time: Mar 29 14:31:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 12:59:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.751	152	99670	20.00	ng	0.00
21) Naphthalene-d8	10.533	136	391013	20.00	ng	0.00
39) Acenaphthene-d10	14.374	164	230523	20.00	ng	0.00
64) Phenanthrene-d10	17.115	188	485109	20.00	ng	0.00
76) Chrysene-d12	21.280	240	503148	20.00	ng	0.00
86) Perylene-d12	23.515	264	517390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	445761	77.09	ng	0.00
7) Phenol-d6	6.916	99	640700	77.22	ng	0.00
23) Nitrobenzene-d5	8.904	82	519394	64.49	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	156482	73.30	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1071400	65.92	ng	0.00
79) Terphenyl-d14	19.739	244	1576739	62.95	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.304	88	20485	7.79	ng	97
3) Pyridine	3.704	79	50661	8.00	ng	# 89
4) n-Nitrosodimethylamine	3.622	42	19410	6.83	ng	# 90
6) Aniline	7.087	93	82772	9.21	ng	99
8) 2-Chlorophenol	7.322	128	52864	8.10	ng	99
9) Benzaldehyde	6.904	77	51253	9.84	ng	96
10) Phenol	6.945	94	67293	8.21	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	49764	8.48	ng	97
12) 1,3-Dichlorobenzene	7.645	146	59895	8.21	ng	99
13) 1,4-Dichlorobenzene	7.787	146	60407	8.16	ng	97
14) 1,2-Dichlorobenzene	8.104	146	58086	8.17	ng	96
15) Benzyl Alcohol	7.992	79	46585	7.76	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	80597	8.96	ng	98
17) 2-Methylphenol	8.187	107	43051	8.17	ng	94
18) Hexachloroethane	8.828	117	21656	8.05	ng	98
19) n-Nitroso-di-n-propyla...	8.551	70	42350	7.91	ng	96
20) 3+4-Methylphenols	8.510	107	55128	7.82	ng	97
22) Acetophenone	8.569	105	78646	8.03	ng	97
24) Nitrobenzene	8.945	77	70685	8.41	ng	95
25) Isophorone	9.469	82	101498	7.34	ng	98
26) 2-Nitrophenol	9.651	139	18800	6.71	ng	92
27) 2,4-Dimethylphenol	9.710	122	43687	8.13	ng	99
28) bis(2-Chloroethoxy)met...	9.951	93	64925	8.88	ng	97
29) 2,4-Dichlorophenol	10.181	162	40982	7.01	ng	96
30) 1,2,4-Trichlorobenzene	10.398	180	51403	7.75	ng	96
31) Naphthalene	10.580	128	163623	7.94	ng	98
32) Benzoic acid	9.769	122	13229	4.24	ng	98
33) 4-Chloroaniline	10.692	127	64924	7.97	ng	99
34) Hexachlorobutadiene	10.869	225	29300	7.60	ng	94
35) Caprolactam	11.451	113	10075	5.68	ng	97
36) 4-Chloro-3-methylphenol	11.810	107	47390	7.60	ng	89
37) 2-Methylnaphthalene	12.192	142	113668	7.89	ng	95
38) 1-Methylnaphthalene	12.416	142	106947	7.80	ng	99
40) 1,2,4,5-Tetrachloroben...	12.563	216	51547	7.98	ng	99
41) Hexachlorocyclopentadiene	12.551	237	27851	7.86	ng	98
43) 2,4,6-Trichlorophenol	12.804	196	28986	6.89	ng	96

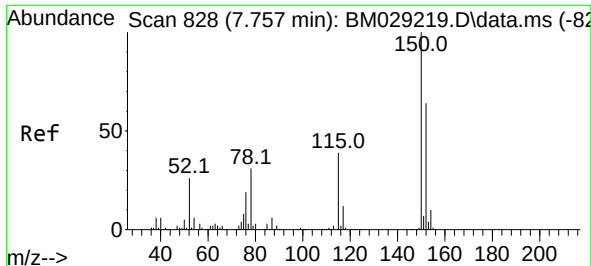
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 12:59:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	33844	7.24	ng	97
46) 1,1'-Biphenyl	13.210	154	146305	8.35	ng	98
47) 2-Chloronaphthalene	13.251	162	111028	8.05	ng	100
48) 2-Nitroaniline	13.451	65	28344	7.01	ng	96
49) Acenaphthylene	14.098	152	163451	7.79	ng	99
50) Dimethylphthalate	13.839	163	133598	8.29	ng	98
51) 2,6-Dinitrotoluene	13.945	165	24727	7.10	ng	# 84
52) Acenaphthene	14.439	154	111367	8.35	ng	99
53) 3-Nitroaniline	14.274	138	24955	7.07	ng	91
54) 2,4-Dinitrophenol	14.480	184	8955	5.14	ng	# 88
55) Dibenzofuran	14.774	168	168681	8.04	ng	99
56) 4-Nitrophenol	14.574	139	19598	6.08	ng	96
57) 2,4-Dinitrotoluene	14.733	165	30630	6.69	ng	96
58) Fluorene	15.421	166	136578	8.03	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.998	232	27120	7.08	ng	98
60) Diethylphthalate	15.204	149	131071	8.26	ng	100
61) 4-Chlorophenyl-phenyle...	15.421	204	63491	8.09	ng	97
62) 4-Nitroaniline	15.433	138	24891	6.70	ng	95
63) Azobenzene	15.710	77	145437	8.02	ng	97
65) 4,6-Dinitro-2-methylph...	15.492	198	14728	5.45	ng	93
66) n-Nitrosodiphenylamine	15.633	169	115341	7.43	ng	99
67) 4-Bromophenyl-phenylether	16.310	248	28134	6.33	ng	98
68) Hexachlorobenzene	16.421	284	38660	7.39	ng	93
69) Atrazine	16.580	200	32114	6.55	ng	98
70) Pentachlorophenol	16.762	266	18625	5.78	ng	97
71) Phenanthrene	17.157	178	216350	7.69	ng	99
72) Anthracene	17.245	178	211000	7.72	ng	100
73) Carbazole	17.515	167	191935	7.14	ng	99
74) Di-n-butylphthalate	18.086	149	183454	7.07	ng	99
75) Fluoranthene	19.168	202	232400	7.48	ng	99
77) Benzidine	19.351	184	89433	6.15	ng	98
78) Pyrene	19.527	202	247100	7.25	ng	98
80) Butylbenzylphthalate	20.433	149	74280	6.45	ng	95
81) Benzo(a)anthracene	21.268	228	238675	7.27	ng	98
82) 3,3'-Dichlorobenzidine	21.203	252	76401	7.78	ng	96
83) Chrysene	21.315	228	240564	7.32	ng	98
84) Bis(2-ethylhexyl)phtha...	21.209	149	117490	7.10	ng	98
85) Di-n-octyl phthalate	22.086	149	196187	7.32	ng	97
87) Indeno(1,2,3-cd)pyrene	25.774	276	292373	7.73	ng	99
88) Benzo(b)fluoranthene	22.844	252	244289	7.26	ng	99
89) Benzo(k)fluoranthene	22.886	252	259610	7.94	ng	100
90) Benzo(a)pyrene	23.421	252	220551	7.23	ng	97
91) Dibenzo(a,h)anthracene	25.785	278	243333	7.51	ng	99
92) Benzo(g,h,i)perylene	26.456	276	244776	7.71	ng	98

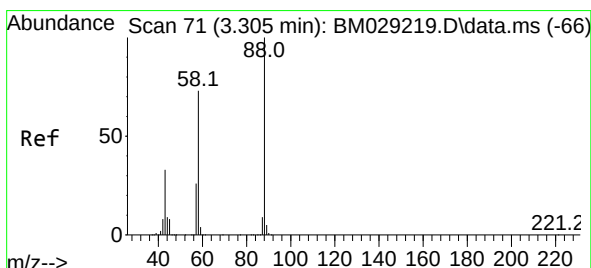
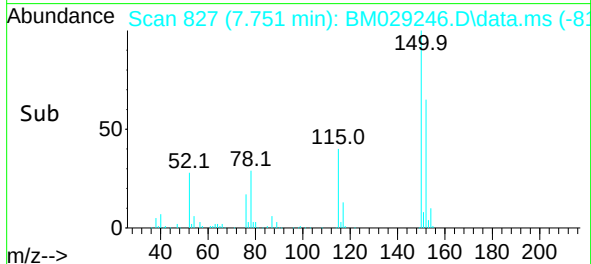
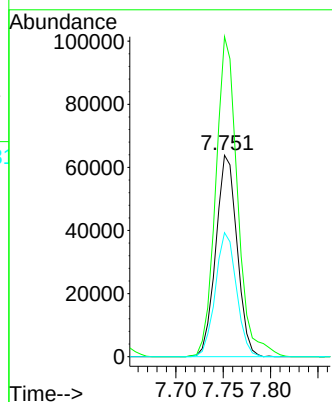
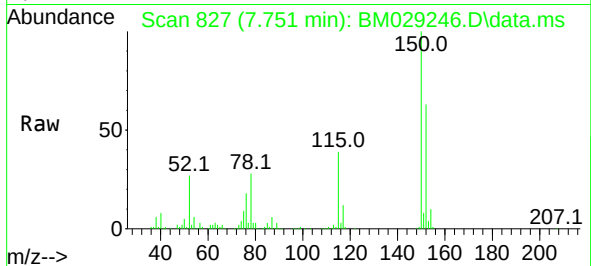
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.751 min Scan# 827
Delta R.T. -0.001 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

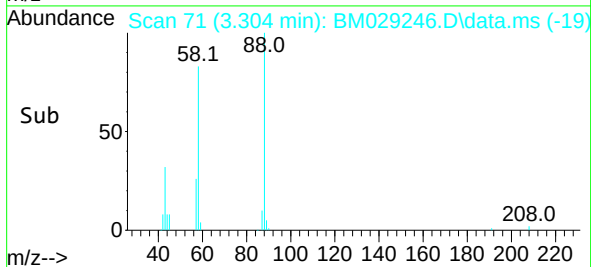
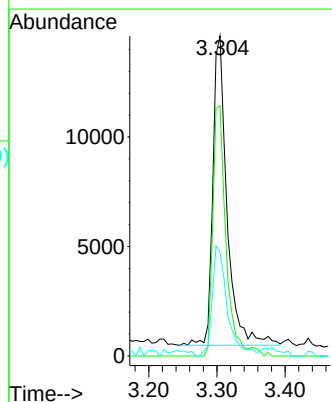
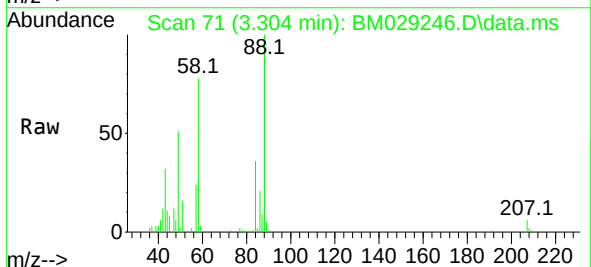
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2021

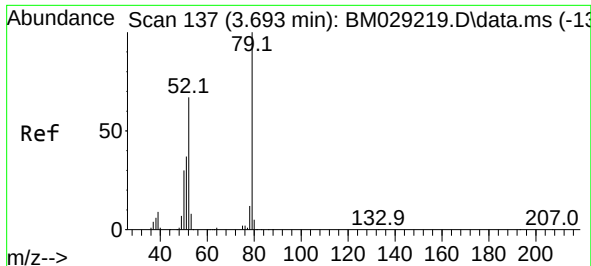
Tgt Ion:152 Resp: 99670
Ion Ratio Lower Upper
152 100
150 158.8 124.3 186.5
115 61.5 46.4 69.6



#2
1,4-Dioxane
Concen: 7.79 ng
RT: 3.304 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 88 Resp: 20485
Ion Ratio Lower Upper
88 100
58 75.8 59.9 89.9
43 37.4 26.2 39.4

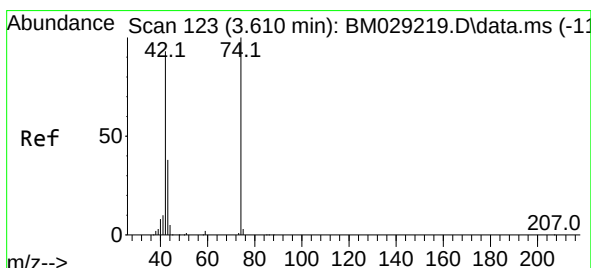
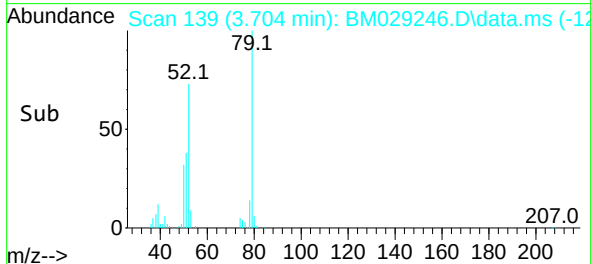
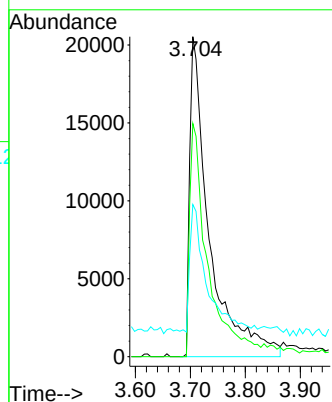
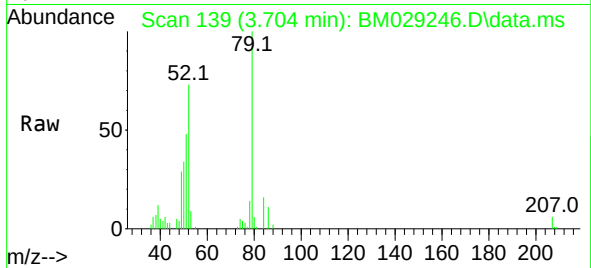




#3
Pyridine
Concen: 8.00 ng
RT: 3.704 min Scan# 139
Delta R.T. 0.011 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

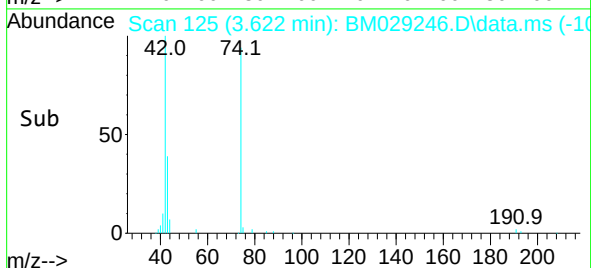
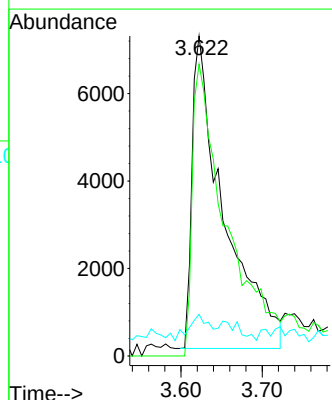
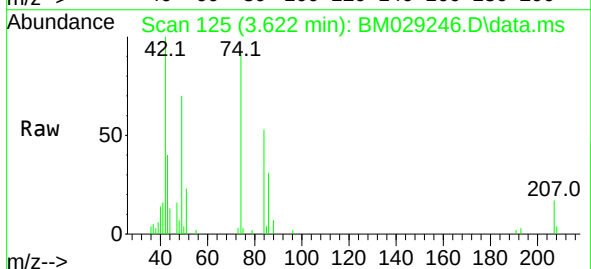
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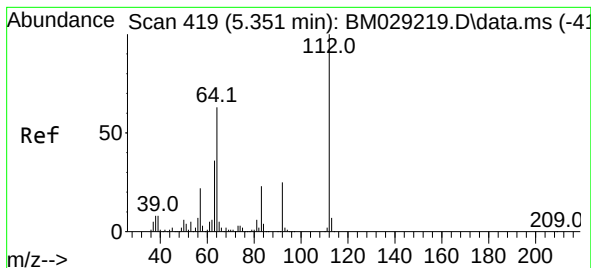
Tgt Ion: 79 Resp: 50661
Ion Ratio Lower Upper
79 100
52 72.9 53.2 79.8
51 47.6 29.8 44.8#



#4
n-Nitrosodimethylamine
Concen: 6.83 ng
RT: 3.622 min Scan# 125
Delta R.T. 0.017 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 42 Resp: 19410
Ion Ratio Lower Upper
42 100
74 91.2 80.6 121.0
44 13.0 5.4 8.0#

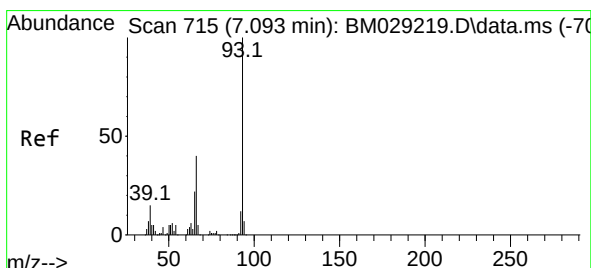
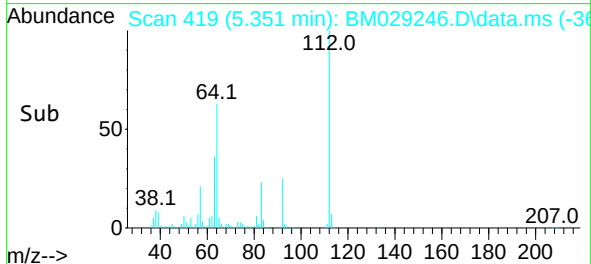
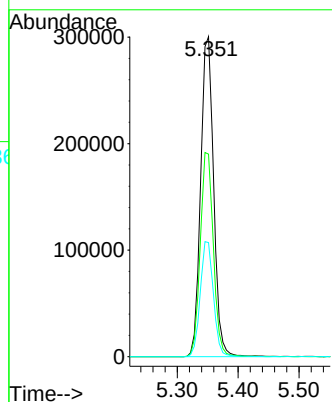
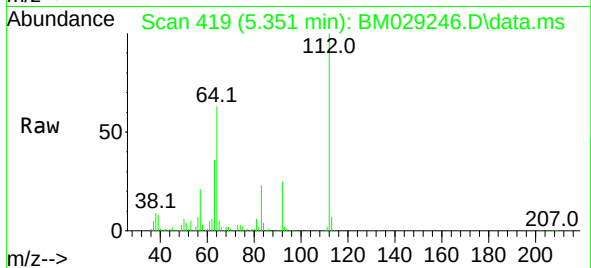




#5
2-Fluorophenol
Concen: 77.09 ng
RT: 5.351 min Scan# 419
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

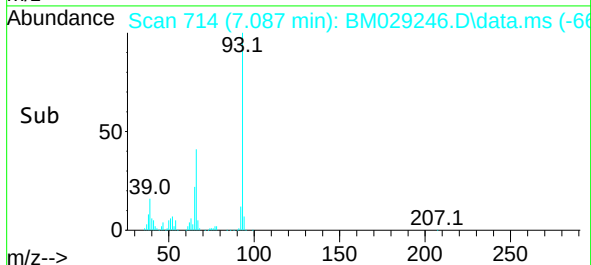
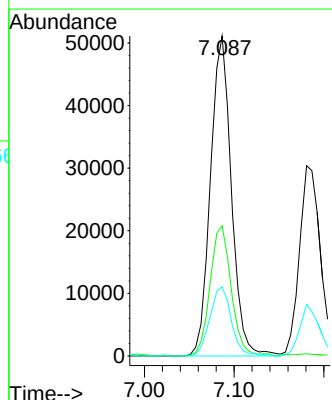
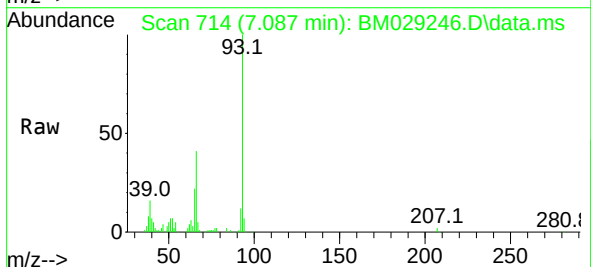
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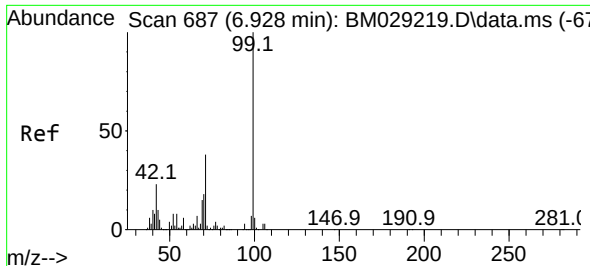
Tgt Ion:	112	Resp:	445761
Ion Ratio	Lower	Upper	
112	100		
64	63.3	51.6	77.4
63	35.7	29.0	43.4



#6
Aniline
Concen: 9.21 ng
RT: 7.087 min Scan# 714
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	93	Resp:	82772
Ion Ratio	Lower	Upper	
93	100		
66	40.6	33.2	49.8
65	21.6	17.8	26.6

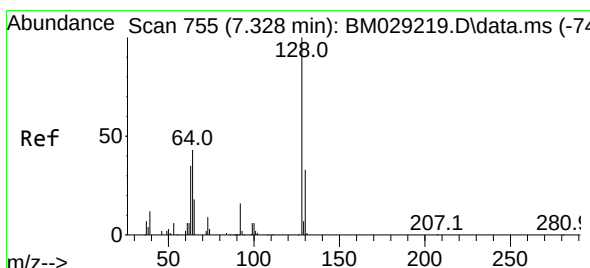
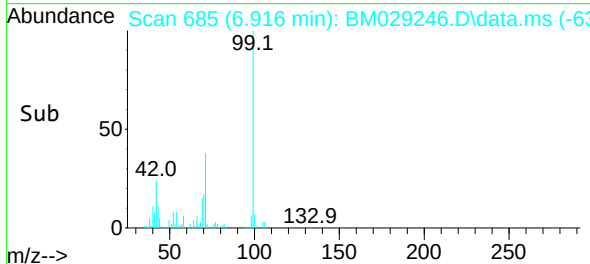
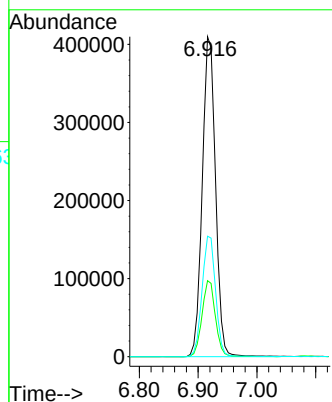
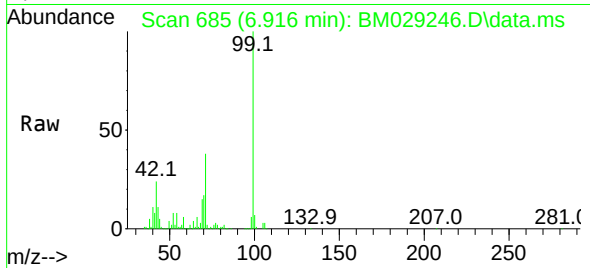




#7
Phenol-d6
Concen: 77.22 ng
RT: 6.916 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

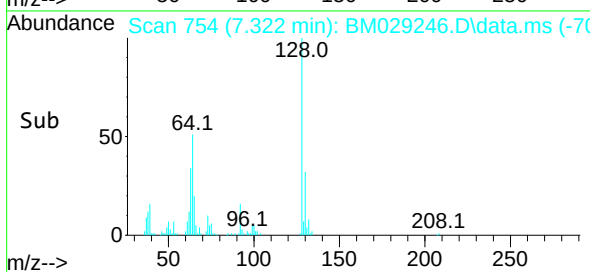
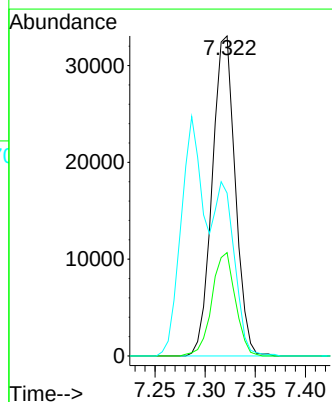
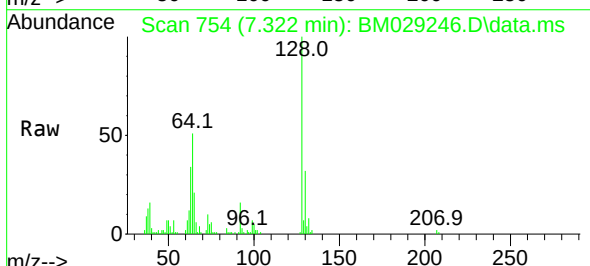
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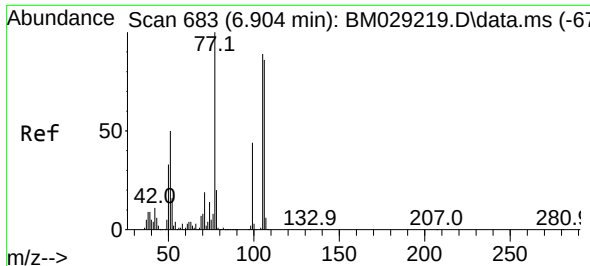
Tgt Ion: 99 Resp: 640700
Ion Ratio Lower Upper
99 100
42 23.7 18.5 27.7
71 37.6 31.8 47.6



#8
2-Chlorophenol
Concen: 8.10 ng
RT: 7.322 min Scan# 754
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 128 Resp: 52864
Ion Ratio Lower Upper
128 100
130 32.3 13.1 53.1
64 50.9 30.9 70.9

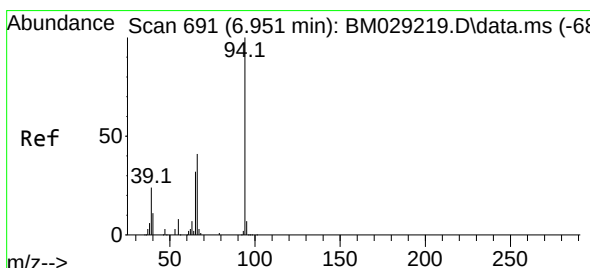
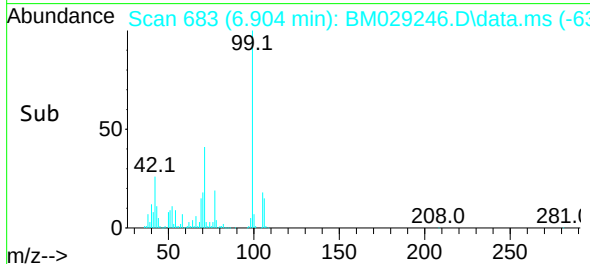
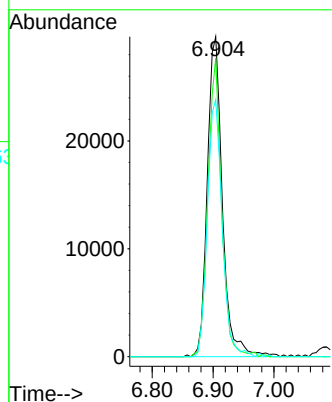
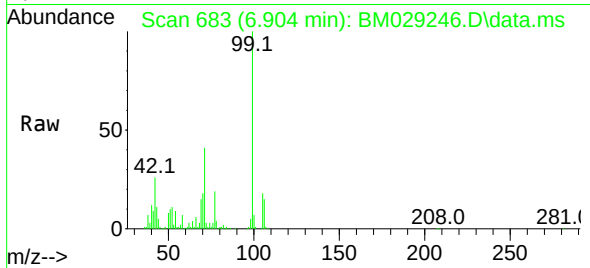




#9
Benzaldehyde
Concen: 9.84 ng
RT: 6.904 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

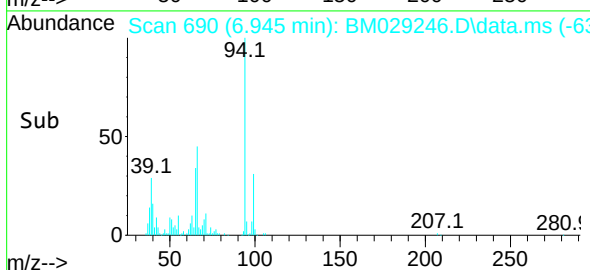
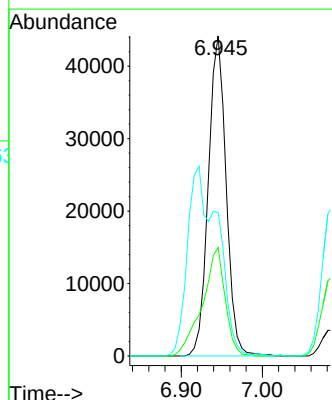
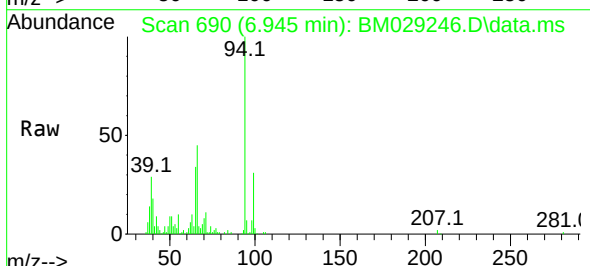
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ClientSampleId :
MDL-SOIL-03-QT1-2021

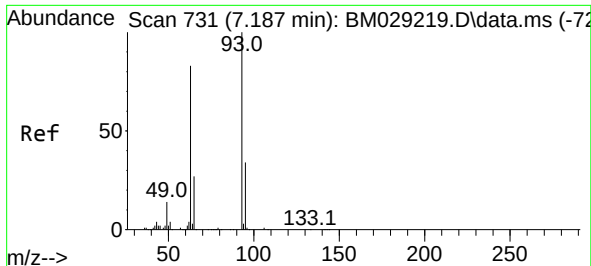
Tgt Ion: 77 Resp: 51253
Ion Ratio Lower Upper
77 100
105 93.3 71.4 111.4
106 80.3 66.5 106.5



#10
Phenol
Concen: 8.21 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 94 Resp: 67293
Ion Ratio Lower Upper
94 100
65 33.9 13.0 53.0
66 44.9 24.1 64.1

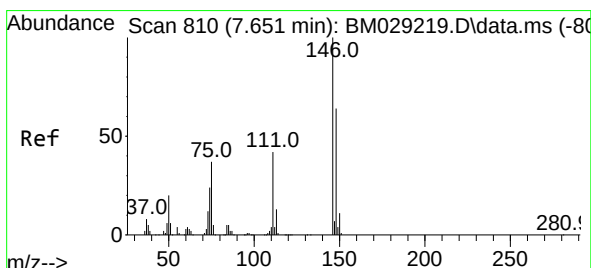
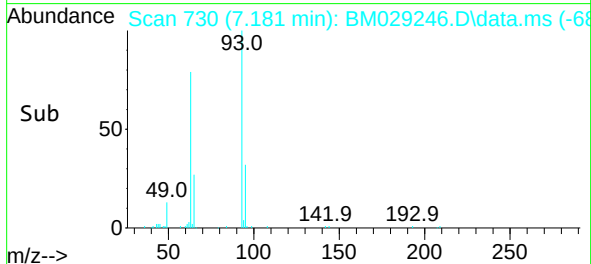
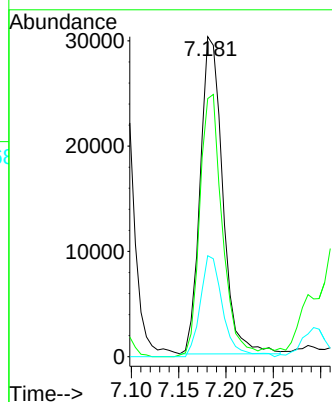
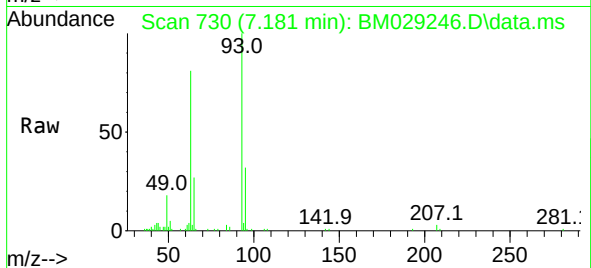




#11
bis(2-Chloroethyl)ether
Concen: 8.48 ng
RT: 7.181 min Scan# 730
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

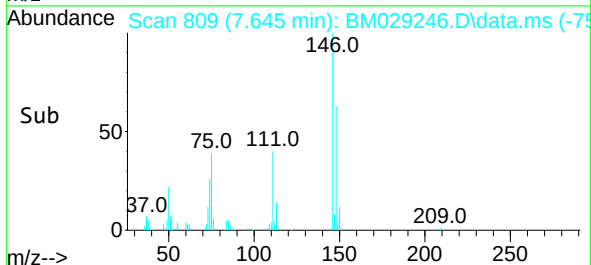
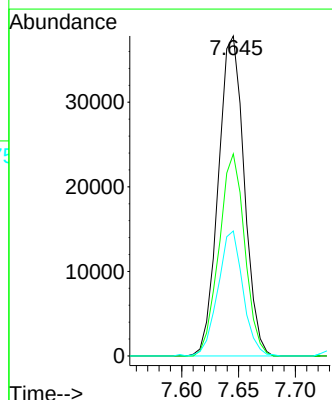
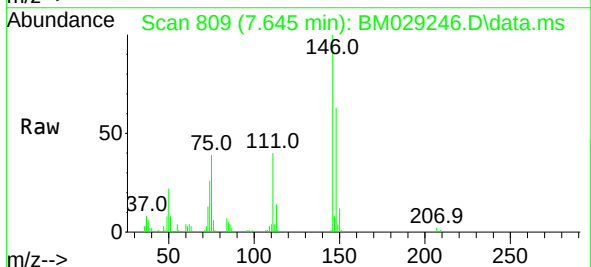
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

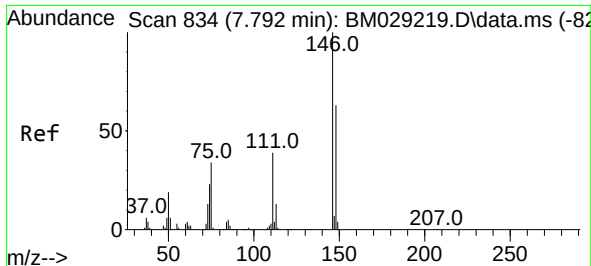
Tgt Ion: 93 Resp: 49764
Ion Ratio Lower Upper
93 100
63 80.7 63.9 103.9
95 31.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 8.21 ng
RT: 7.645 min Scan# 809
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 146 Resp: 59895
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 39.0 29.7 44.5

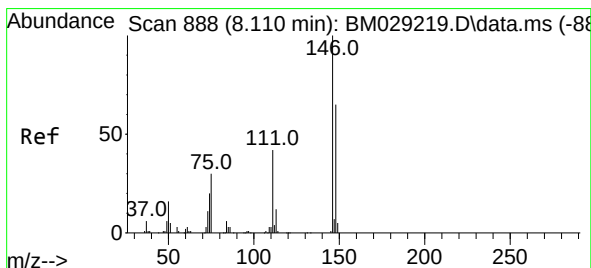
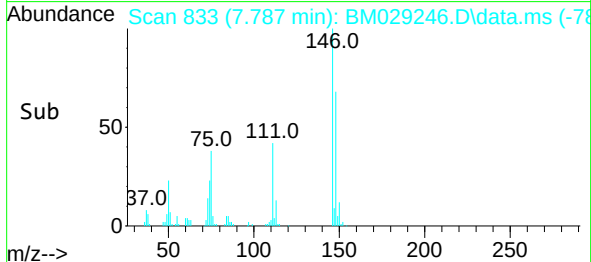
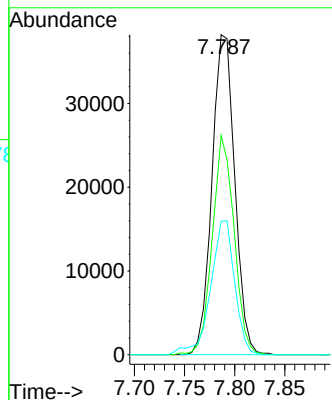
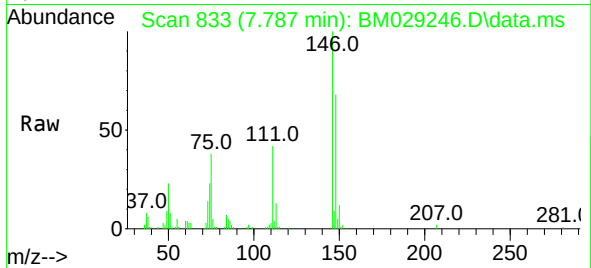




#13
1,4-Dichlorobenzene
Concen: 8.16 ng
RT: 7.787 min Scan# 833
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

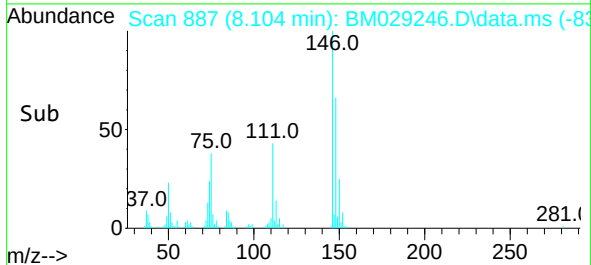
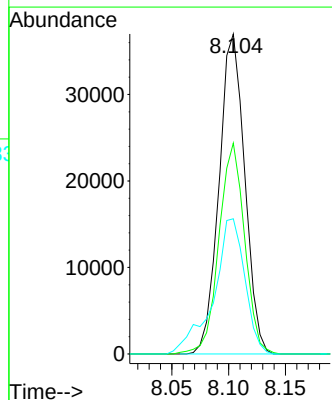
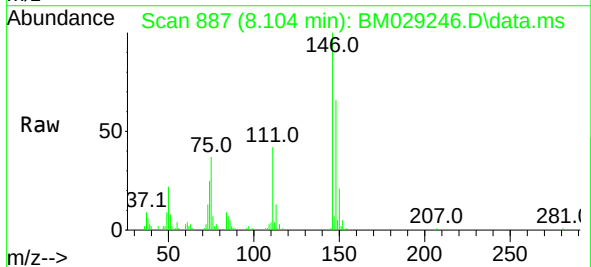
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

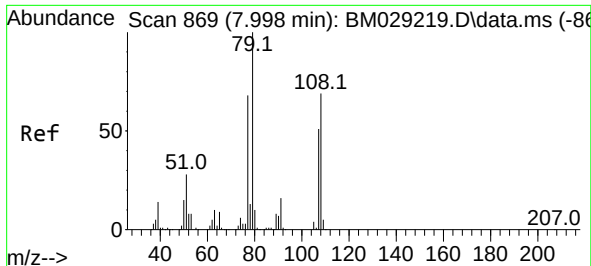
Tgt Ion:146 Resp: 60407
Ion Ratio Lower Upper
146 100
148 68.5 51.8 77.6
111 41.7 32.8 49.2



#14
1,2-Dichlorobenzene
Concen: 8.17 ng
RT: 8.104 min Scan# 887
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

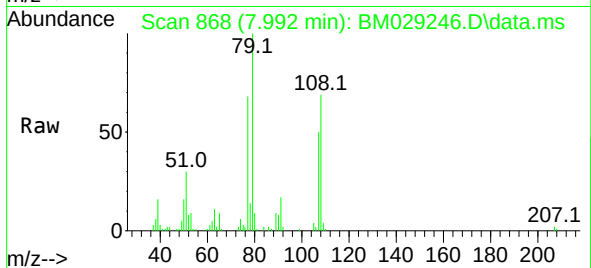
Tgt Ion:146 Resp: 58086
Ion Ratio Lower Upper
146 100
148 65.9 50.2 75.4
111 42.2 35.8 53.8



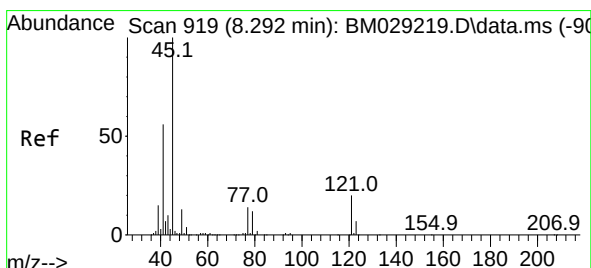
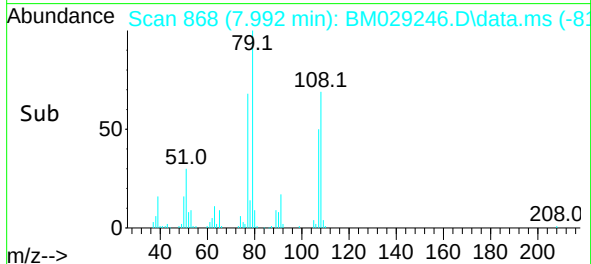
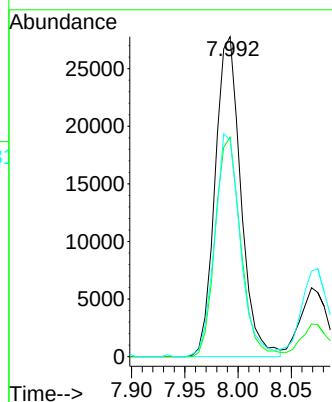


#15
Benzyl Alcohol
Concen: 7.76 ng
RT: 7.992 min Scan# 868
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

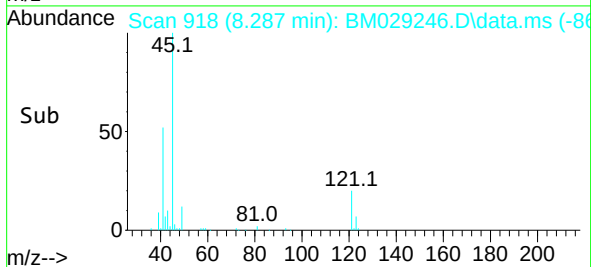
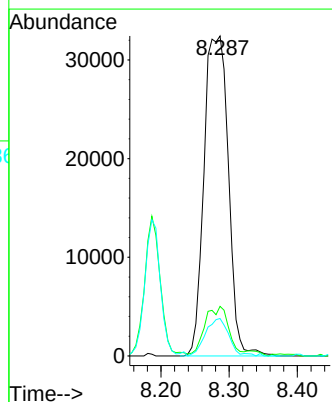
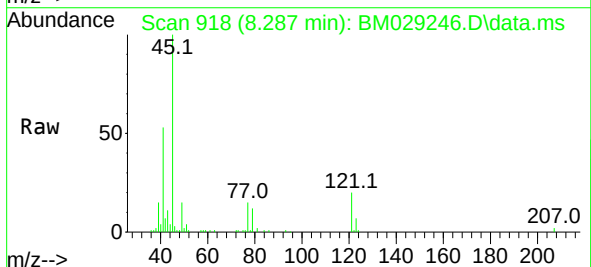


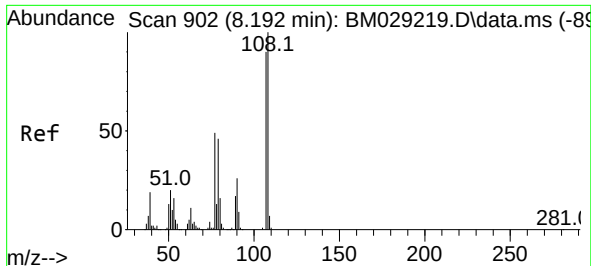
Tgt Ion:	79	Resp:	46585
Ion Ratio	Lower	Upper	
79	100		
108	68.6	56.6	84.8
77	67.7	54.9	82.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.96 ng
RT: 8.287 min Scan# 918
Delta R.T. 0.011 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	45	Resp:	80597
Ion Ratio	Lower	Upper	
45	100		
77	15.5	0.0	34.5
79	11.7	0.0	30.9

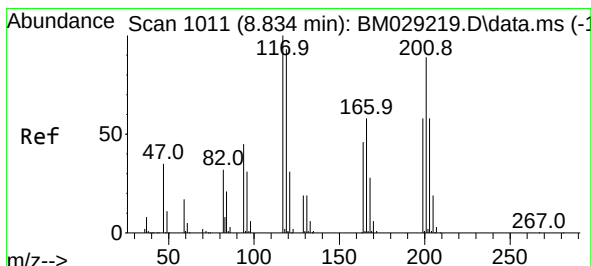
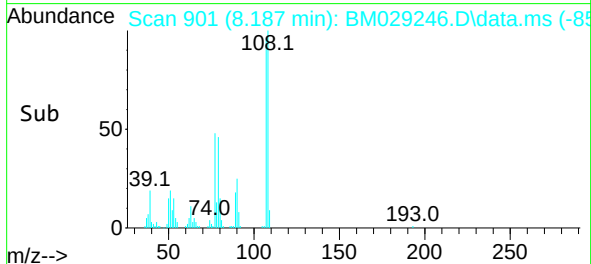
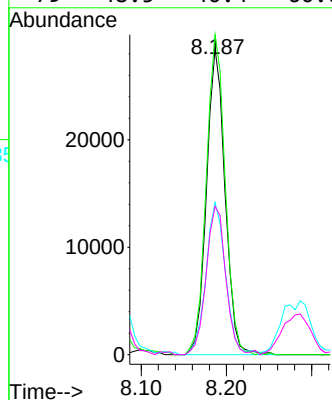
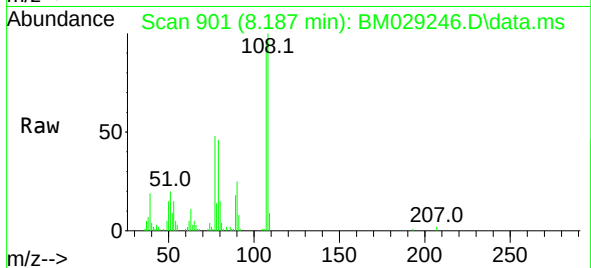




#17
2-Methylphenol
Concen: 8.17 ng
RT: 8.187 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

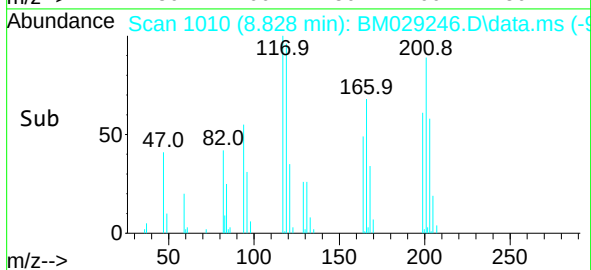
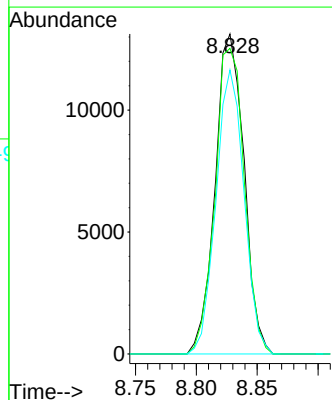
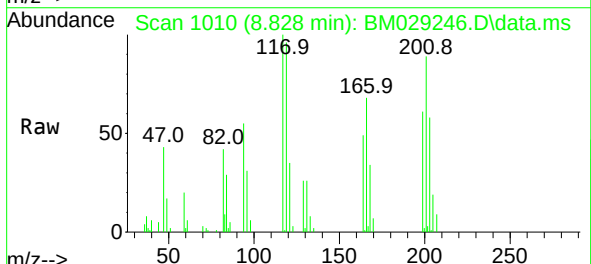
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

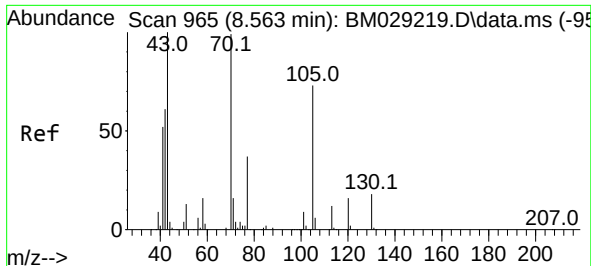
Tgt Ion:	107	Resp:	43051
Ion	Ratio	Lower	Upper
107	100		
108	104.6	89.8	134.6
77	49.7	42.8	64.2
79	48.5	40.4	60.6



#18
Hexachloroethane
Concen: 8.05 ng
RT: 8.828 min Scan# 1010
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	117	Resp:	21656
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.6
201	91.3	74.6	111.8

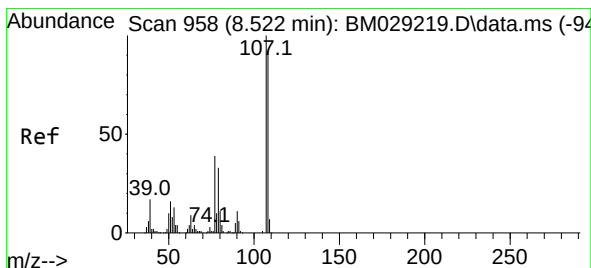
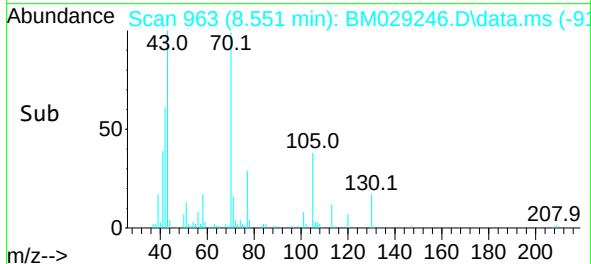
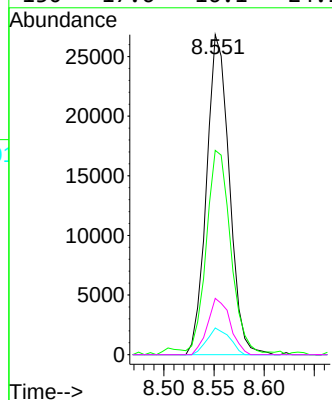
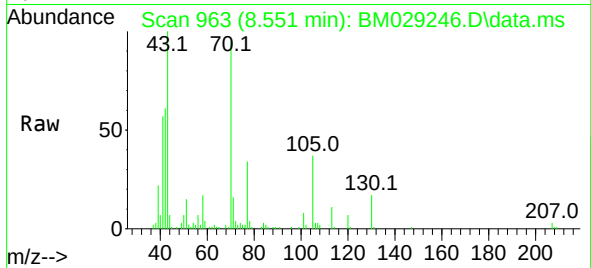




#19
n-Nitroso-di-n-propylamine
Concen: 7.91 ng
RT: 8.551 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

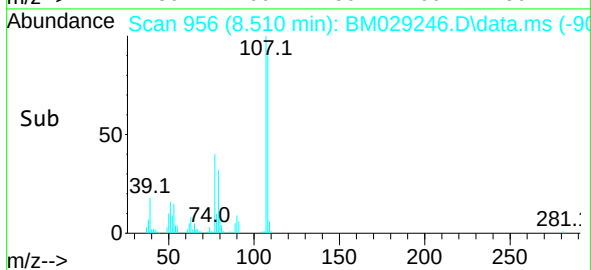
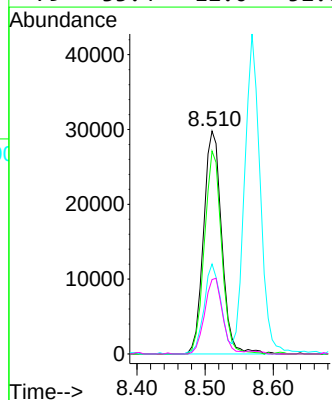
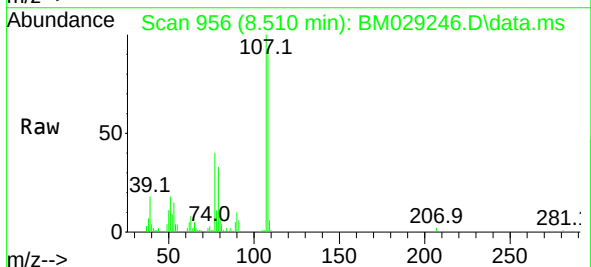
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

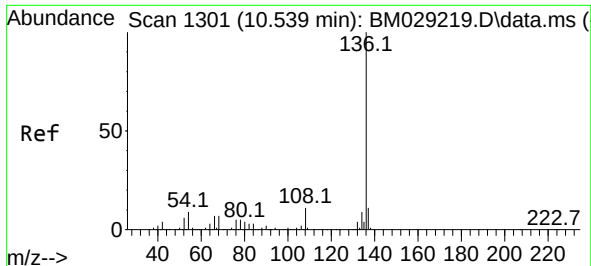
Tgt Ion:	70	Resp:	42350
Ion	Ratio	Lower	Upper
70	100		
42	63.9	53.3	79.9
101	8.3	6.7	10.1
130	17.6	16.1	24.1



#20
3+4-Methylphenols
Concen: 7.82 ng
RT: 8.510 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	107	Resp:	55128
Ion	Ratio	Lower	Upper
107	100		
108	91.0	68.5	108.5
77	40.3	17.0	57.0
79	33.4	12.0	52.0

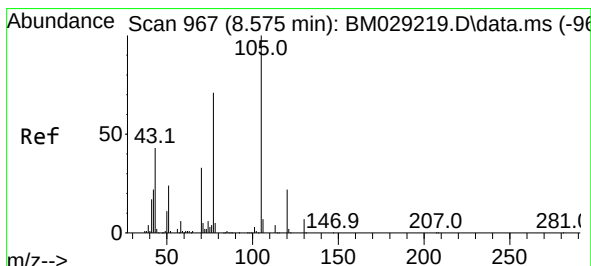
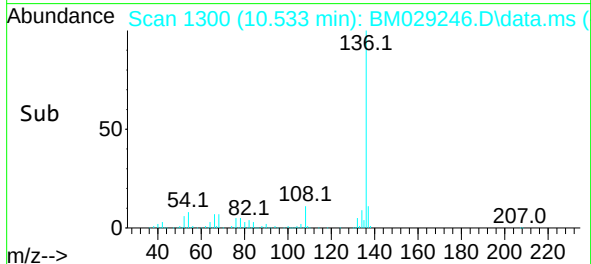
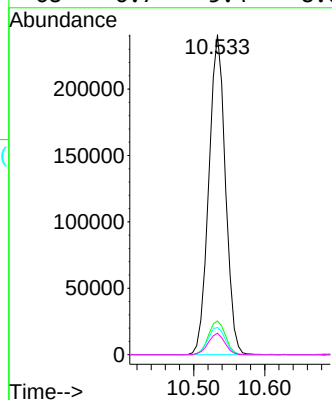
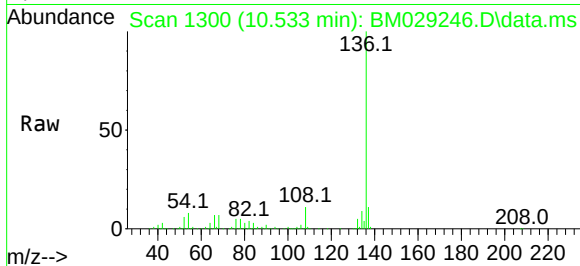




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.533 min Scan# 1300
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

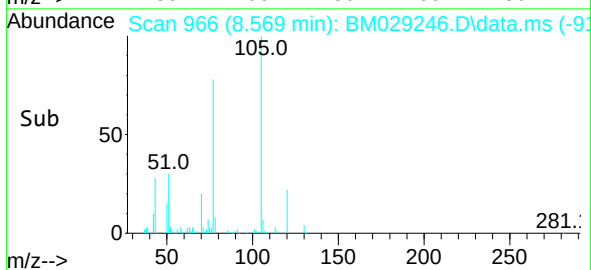
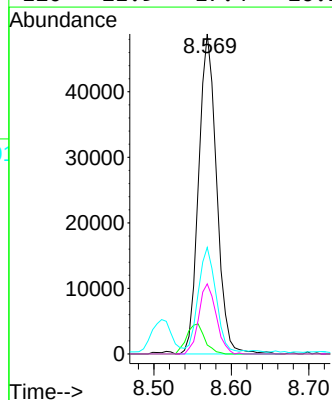
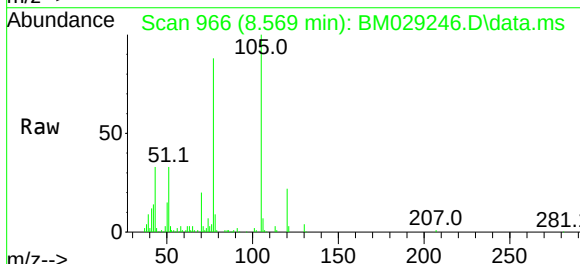
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

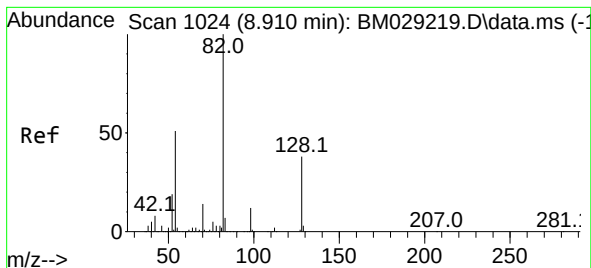
Tgt Ion:	136	Resp:	391013
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.3	13.9
54	8.5	6.9	10.3
68	6.7	5.4	8.0



#22
Acetophenone
Concen: 8.03 ng
RT: 8.569 min Scan# 966
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	105	Resp:	78646
Ion Ratio	Lower	Upper	
105	100		
71	2.8	2.8	4.2
51	33.3	24.7	37.1
120	21.9	17.4	26.2





#23

Nitrobenzene-d5

Concen: 64.49 ng

RT: 8.904 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

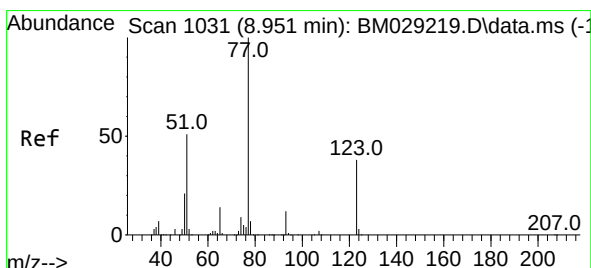
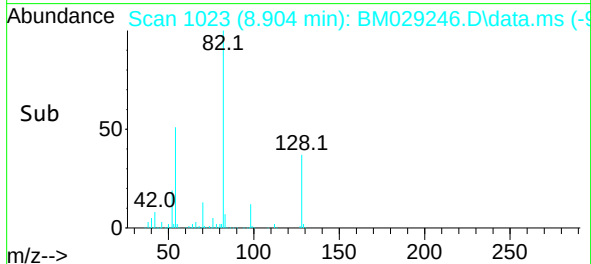
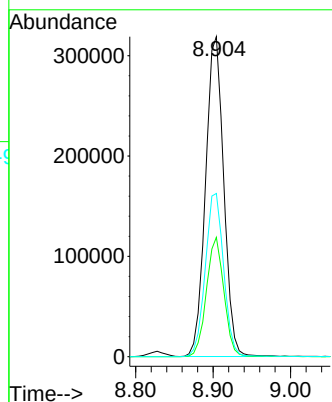
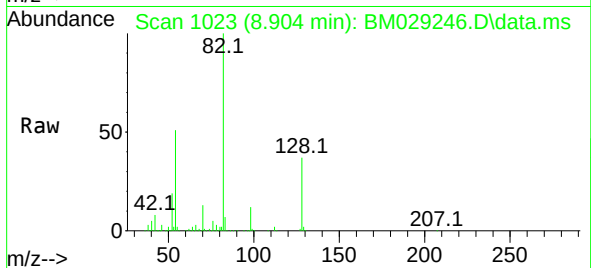
Tgt Ion: 82 Resp: 519394

Ion Ratio Lower Upper

82 100

128 37.3 28.6 42.8

54 51.0 40.7 61.1



#24

Nitrobenzene

Concen: 8.41 ng

RT: 8.945 min Scan# 1030

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

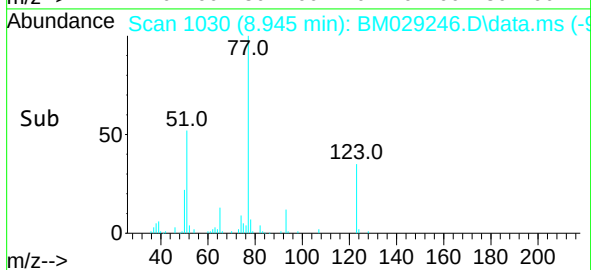
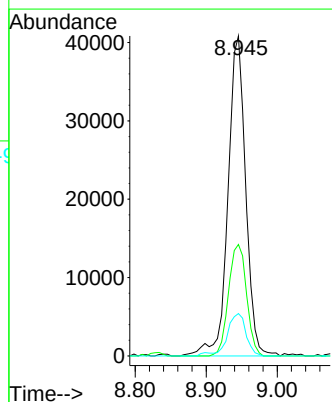
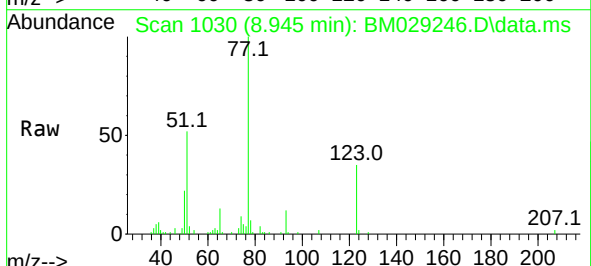
Tgt Ion: 77 Resp: 70685

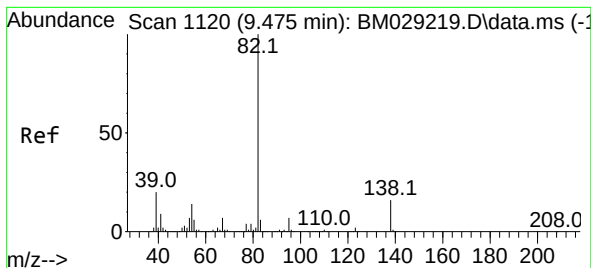
Ion Ratio Lower Upper

77 100

123 34.8 31.3 46.9

65 13.3 10.8 16.2





#25

Isophorone

Concen: 7.34 ng

RT: 9.469 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

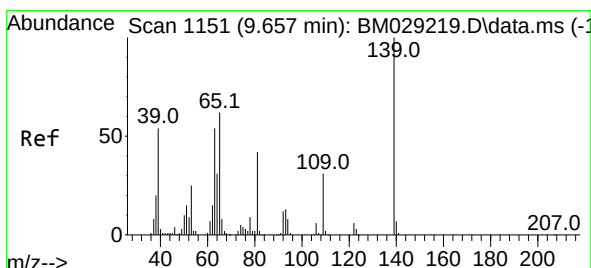
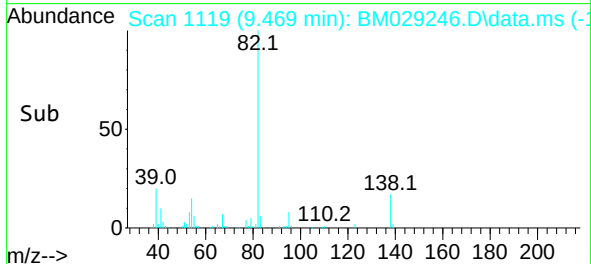
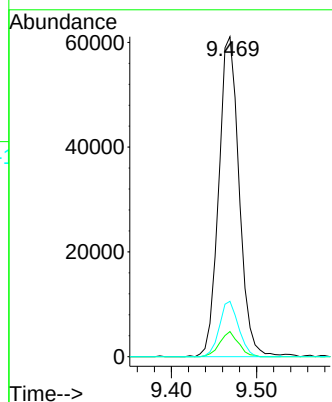
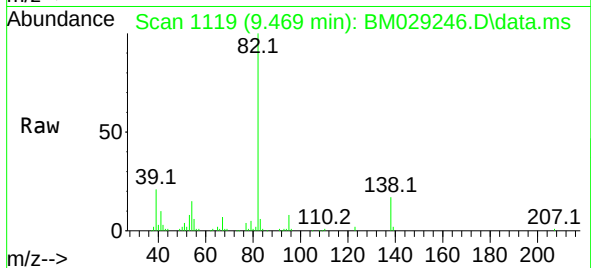
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion: 82	Resp: 101498
Ion Ratio	Lower Upper
82 100	
95 7.9	5.6 8.4
138 17.3	13.3 19.9



#26

2-Nitrophenol

Concen: 6.71 ng

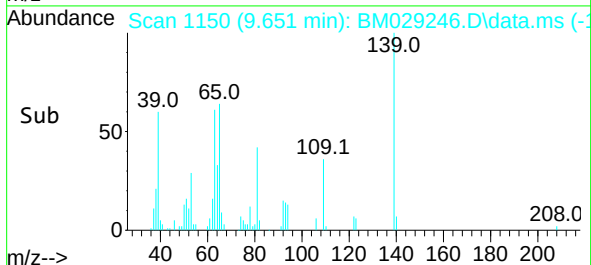
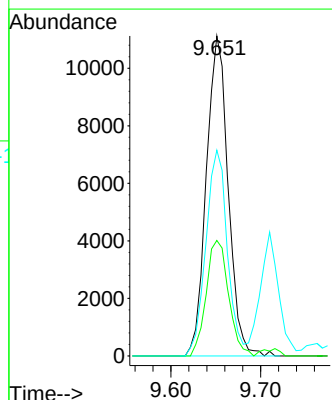
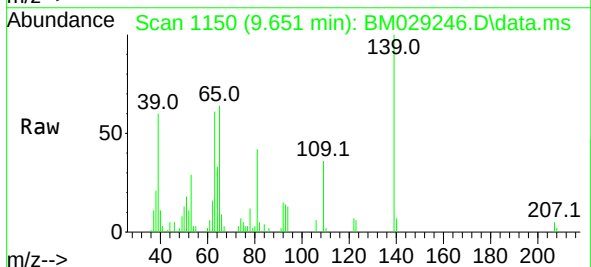
RT: 9.651 min Scan# 1150

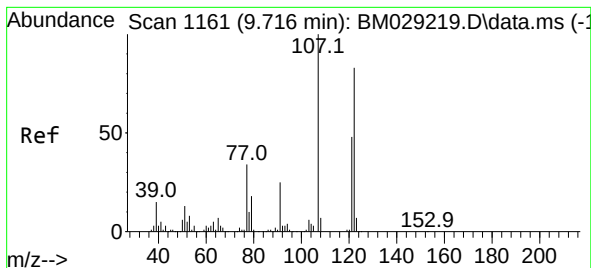
Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

Tgt Ion: 139	Resp: 18800
Ion Ratio	Lower Upper
139 100	
109 36.1	26.6 39.8
65 64.3	45.6 68.4

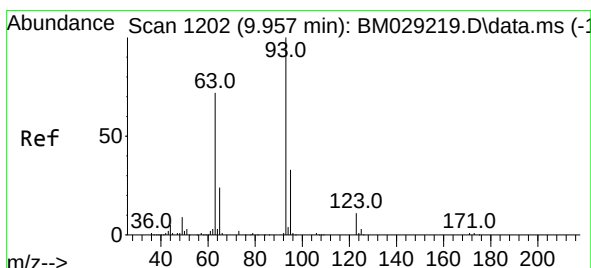
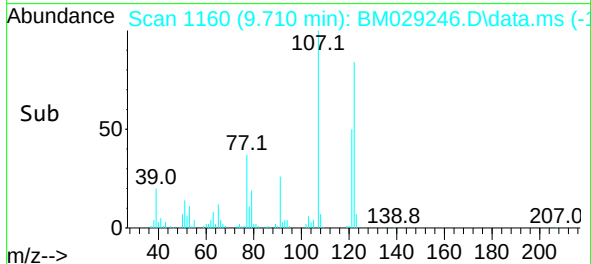
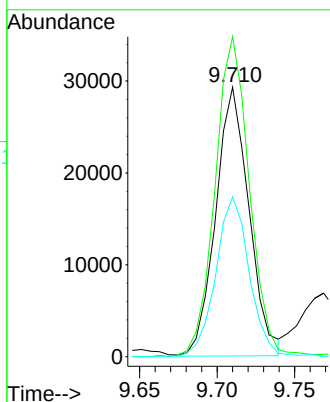
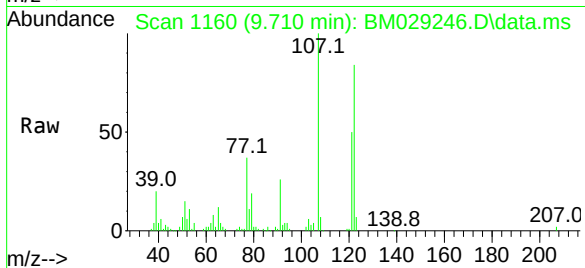




#27
2,4-Dimethylphenol
Concen: 8.13 ng
RT: 9.710 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

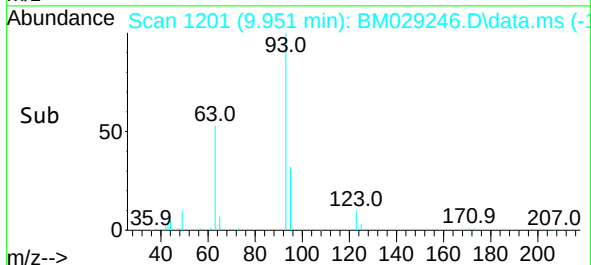
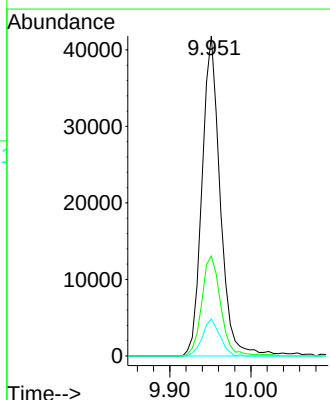
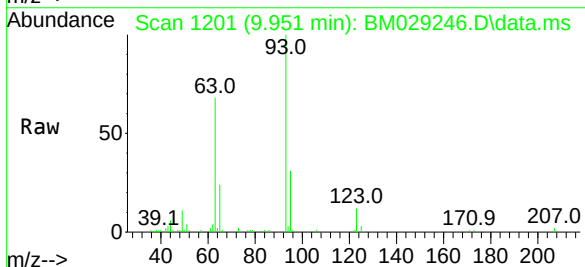
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

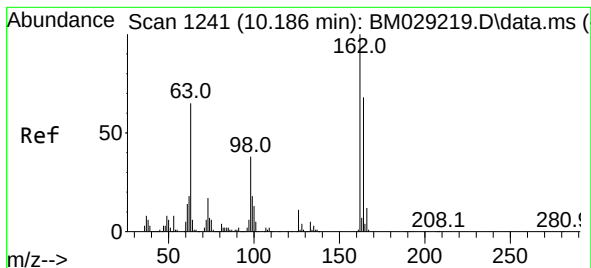
Tgt Ion:122 Resp: 43687
Ion Ratio Lower Upper
122 100
107 118.8 95.0 142.6
121 59.3 45.8 68.6



#28
bis(2-Chloroethoxy)methane
Concen: 8.88 ng
RT: 9.951 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 93 Resp: 64925
Ion Ratio Lower Upper
93 100
95 31.2 26.6 39.8
123 11.5 8.6 13.0

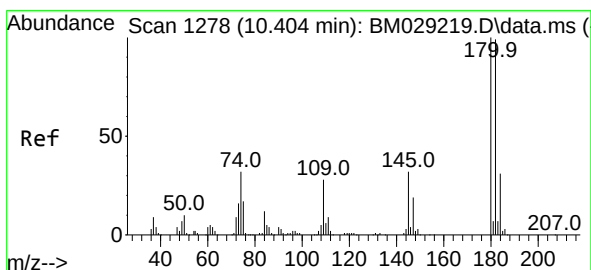
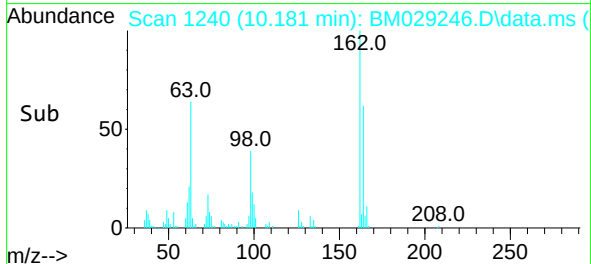
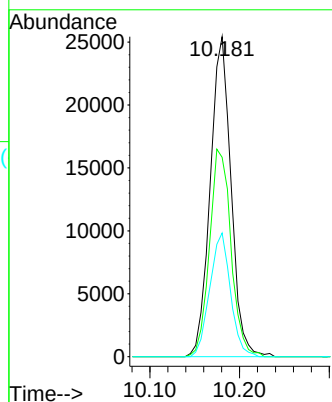
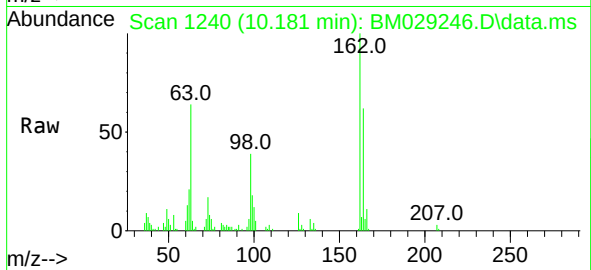




#29
2,4-Dichlorophenol
Concen: 7.01 ng
RT: 10.181 min Scan# 1240
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

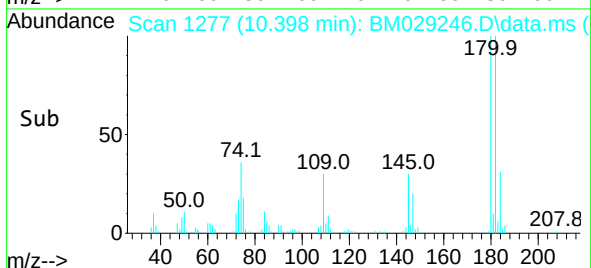
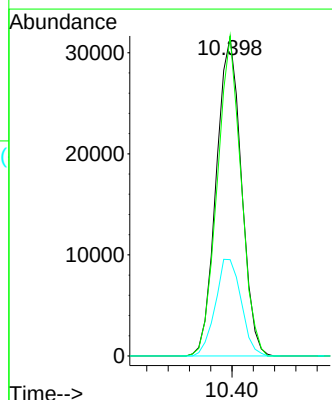
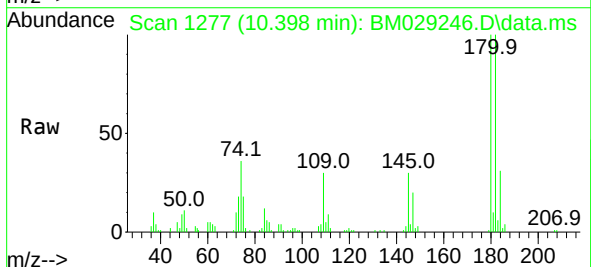
Instrument :
BNA_M
ClientSampleId :
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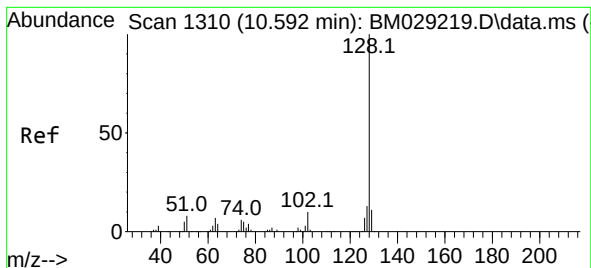
Tgt Ion:162 Resp: 40982
Ion Ratio Lower Upper
162 100
164 62.3 45.7 85.7
98 38.6 16.3 56.3



#30
1,2,4-Trichlorobenzene
Concen: 7.75 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:180 Resp: 51403
Ion Ratio Lower Upper
180 100
182 100.4 77.0 115.4
145 30.2 25.4 38.2

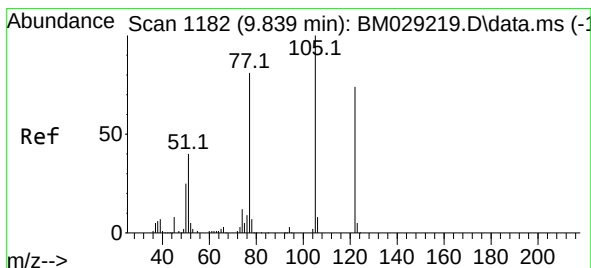
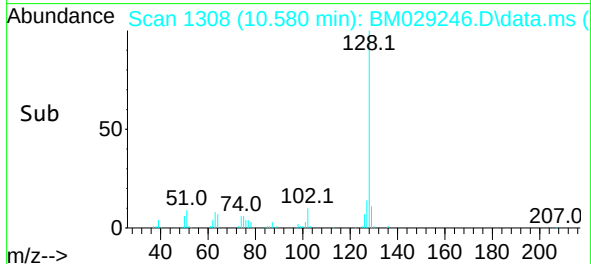
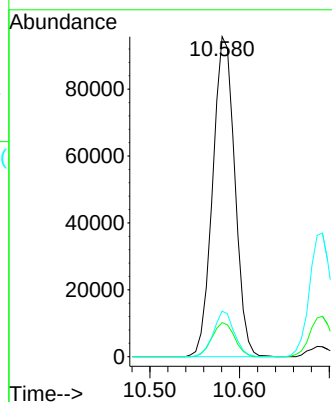
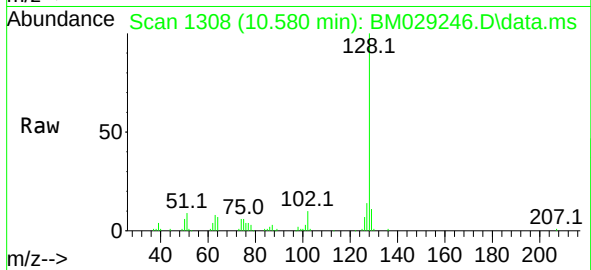




#31
Naphthalene
Concen: 7.94 ng
RT: 10.580 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

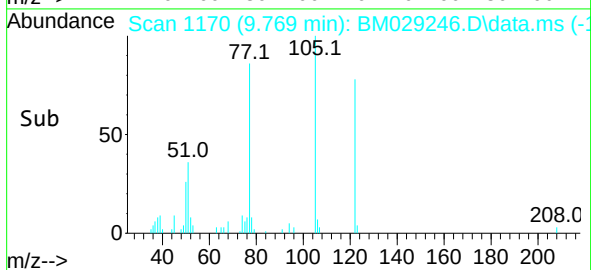
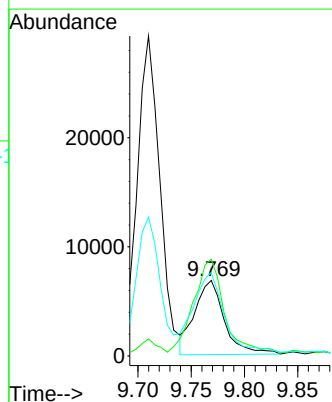
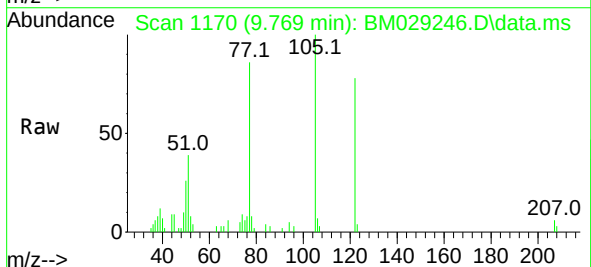
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

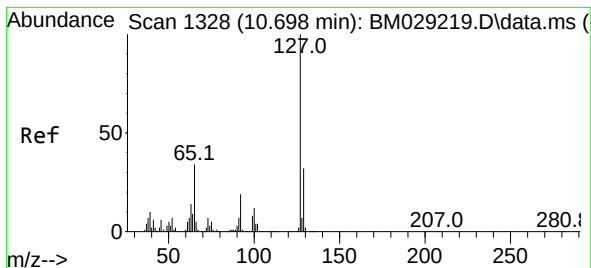
Tgt Ion:128 Resp: 163623
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.6
127 14.2 10.7 16.1



#32
Benzoic acid
Concen: 4.24 ng
RT: 9.769 min Scan# 1170
Delta R.T. -0.059 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:122 Resp: 13229
Ion Ratio Lower Upper
122 100
105 127.9 108.2 148.2
77 110.5 86.0 126.0

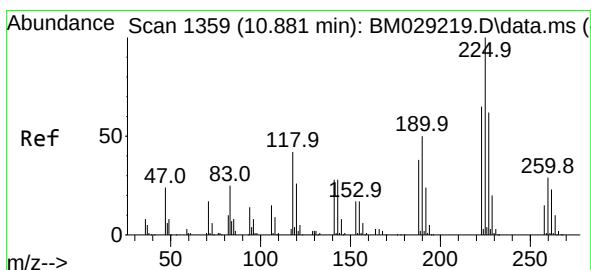
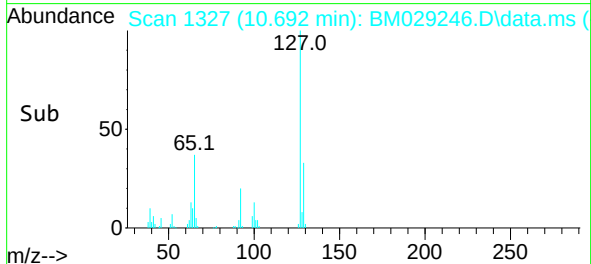
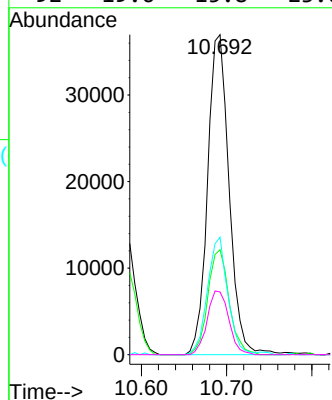
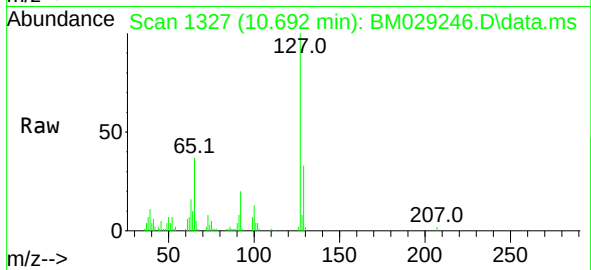




#33
4-Chloroaniline
Concen: 7.97 ng
RT: 10.692 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

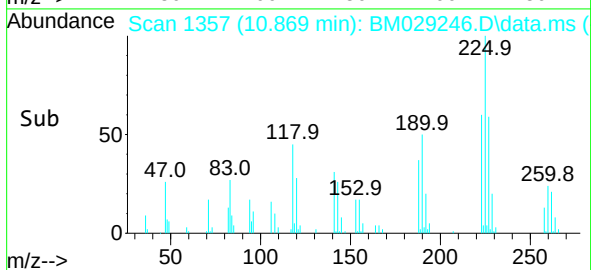
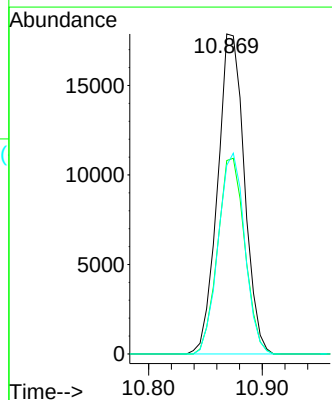
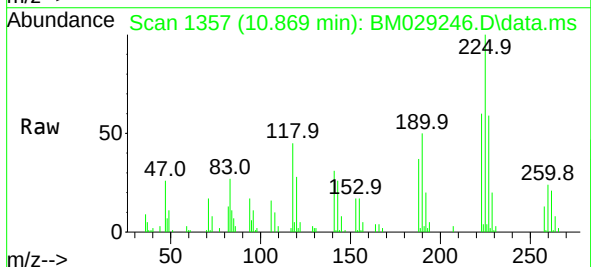
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

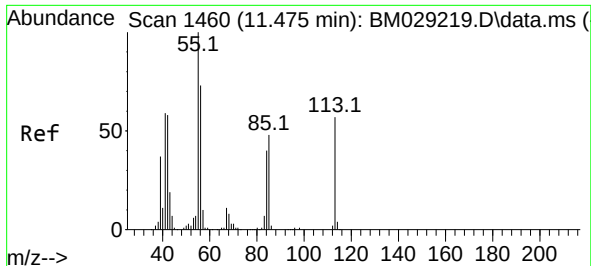
Tgt Ion:127	Resp: 64924
Ion Ratio	Lower Upper
127 100	
129 32.8	25.4 38.0
65 36.7	28.6 42.8
92 19.6	15.8 23.6



#34
Hexachlorobutadiene
Concen: 7.60 ng
RT: 10.869 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:225	Resp: 29300
Ion Ratio	Lower Upper
225 100	
223 60.5	51.8 77.8
227 60.7	52.2 78.4

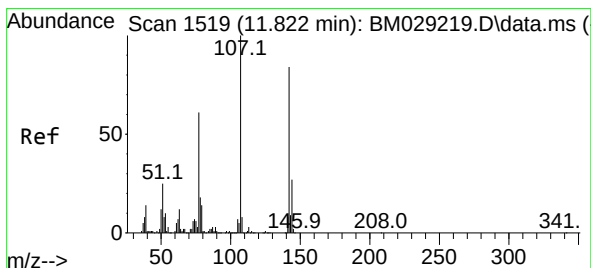
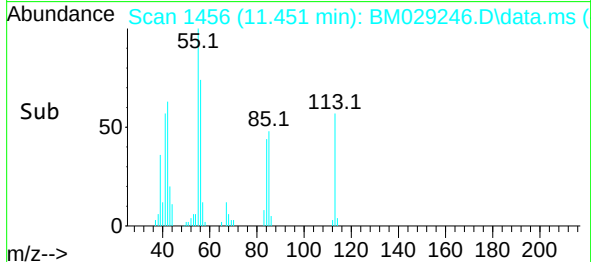
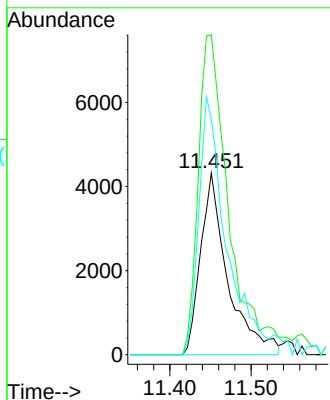
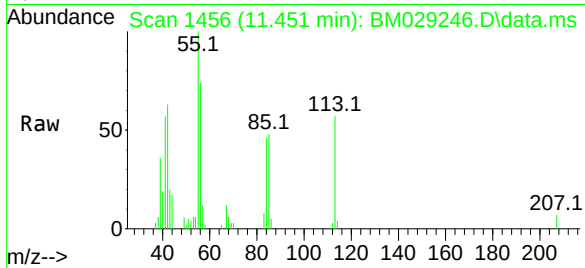




#35
Caprolactam
Concen: 5.68 ng
RT: 11.451 min Scan# 1456
Delta R.T. -0.012 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

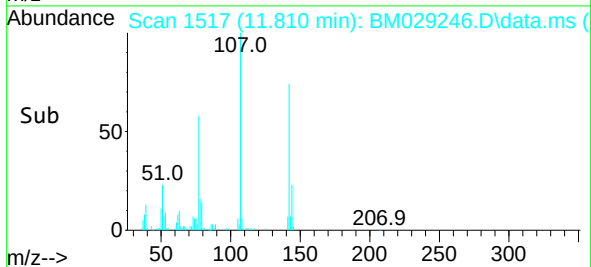
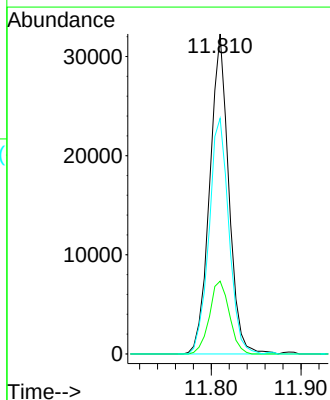
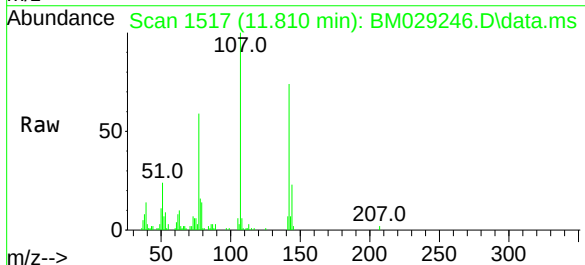
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

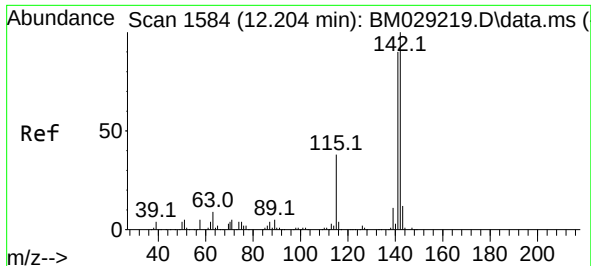
Tgt Ion:	113	Resp:	10075
Ion	Ratio	Lower	Upper
113	100		
55	176.2	149.4	189.4
56	129.6	110.8	150.8



#36
4-Chloro-3-methylphenol
Concen: 7.60 ng
RT: 11.810 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:	107	Resp:	47390
Ion	Ratio	Lower	Upper
107	100		
144	22.8	22.7	34.1
142	73.6	67.0	100.4

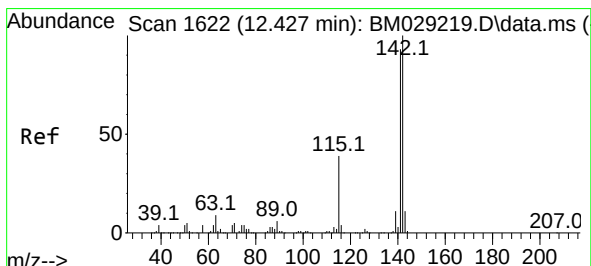
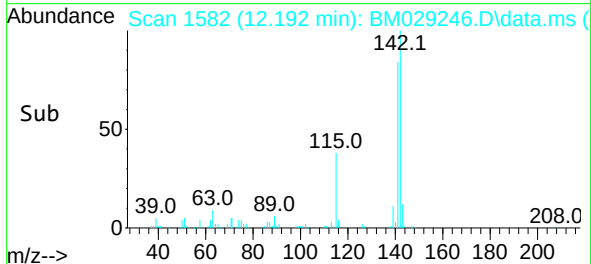
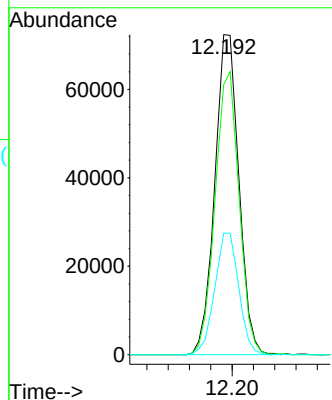
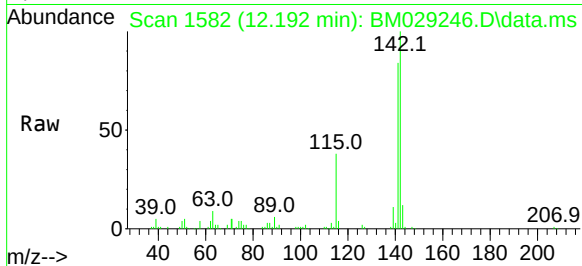




#37
2-Methylnaphthalene
Concen: 7.89 ng
RT: 12.192 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

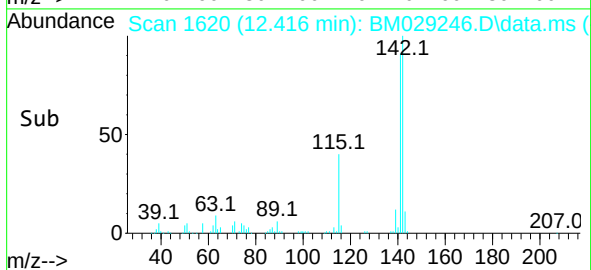
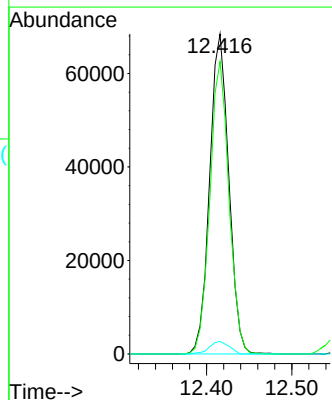
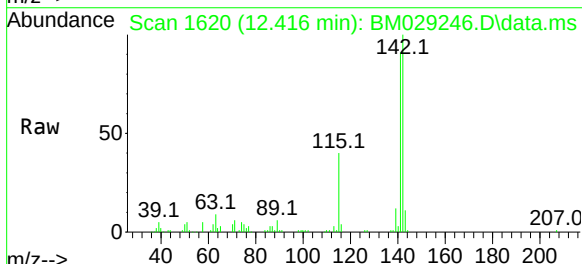
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

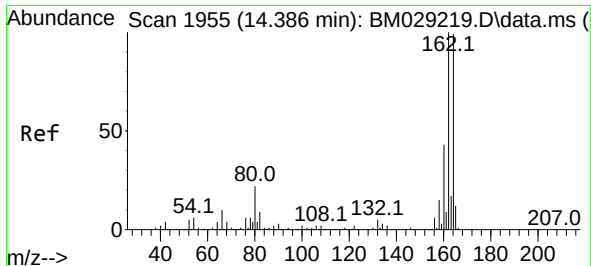
Tgt Ion:142 Resp: 113668
Ion Ratio Lower Upper
142 100
141 84.4 72.0 108.0
115 37.9 29.8 44.6



#38
1-Methylnaphthalene
Concen: 7.80 ng
RT: 12.416 min Scan# 1620
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

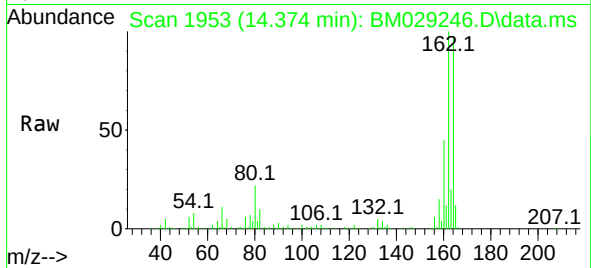
Tgt Ion:142 Resp: 106947
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
116 3.9 3.2 4.8



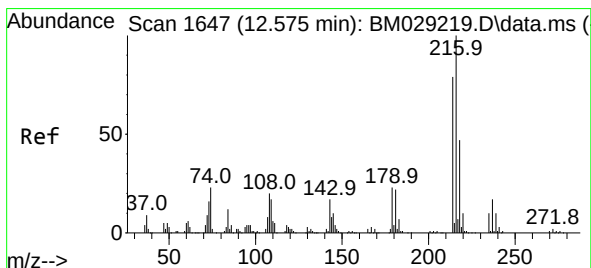
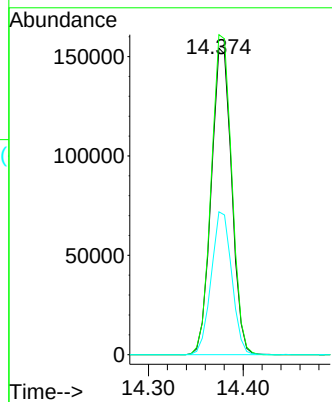
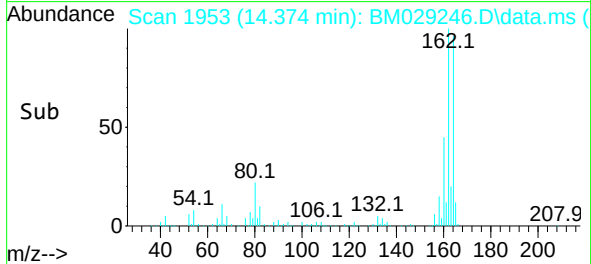


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.374 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

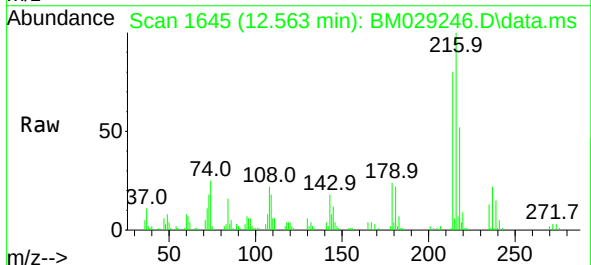
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021



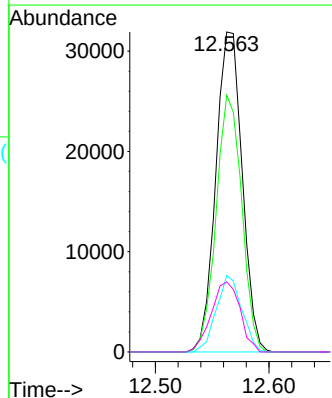
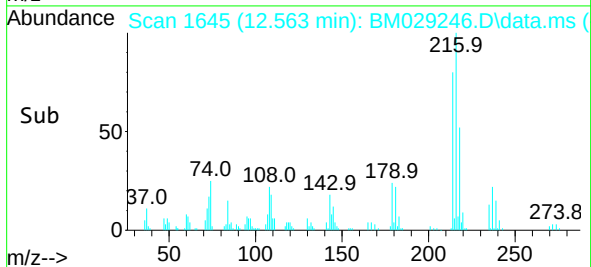
Tgt Ion:164 Resp: 230523
Ion Ratio Lower Upper
164 100
162 104.4 84.4 126.6
160 46.6 36.6 54.8

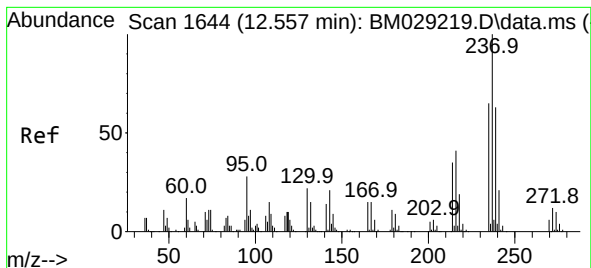


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.98 ng
RT: 12.563 min Scan# 1645
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01



Tgt Ion:216 Resp: 51547
Ion Ratio Lower Upper
216 100
214 77.8 62.3 93.5
179 23.1 18.6 27.8
108 23.9 18.2 27.4

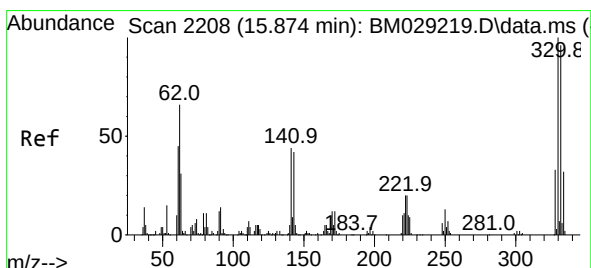
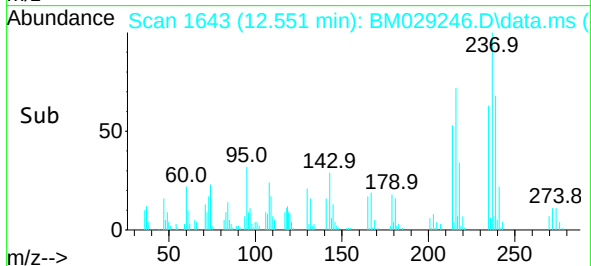
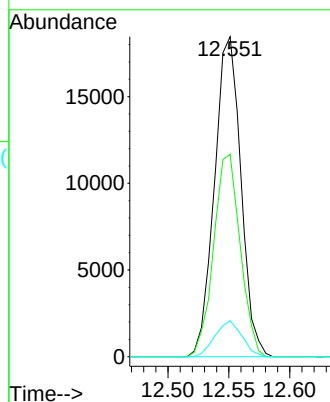
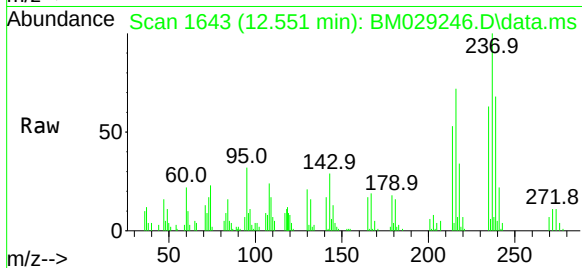




#41
Hexachlorocyclopentadiene
Concen: 7.86 ng
RT: 12.551 min Scan# 1643
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

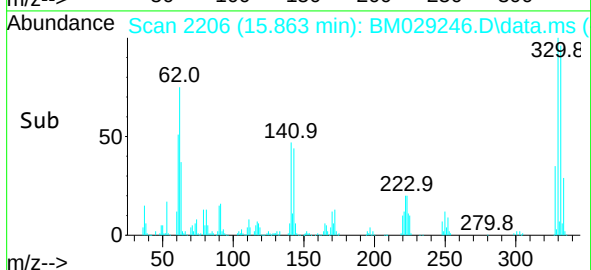
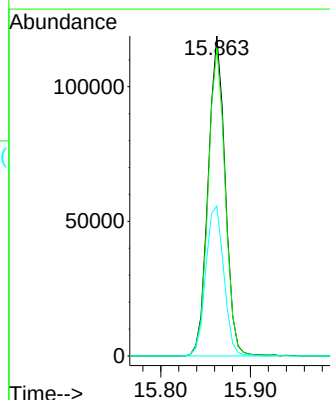
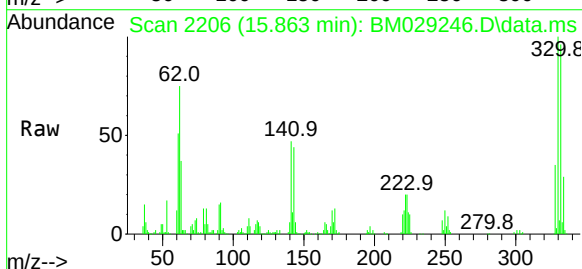
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

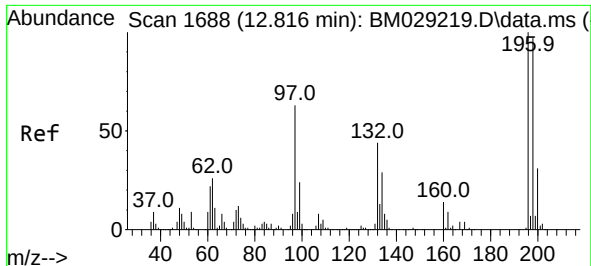
Tgt Ion:237	Resp:	27851
Ion Ratio	Lower	Upper
237	100	
235	63.2	41.8 81.8
272	11.2	0.0 31.1



#42
2,4,6-Tribromophenol
Concen: 73.30 ng
RT: 15.863 min Scan# 2206
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:330	Resp:	156482
Ion Ratio	Lower	Upper
330	100	
332	96.3	77.1 115.7
141	49.8	39.2 58.8

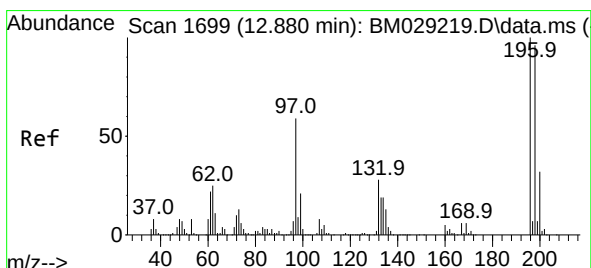
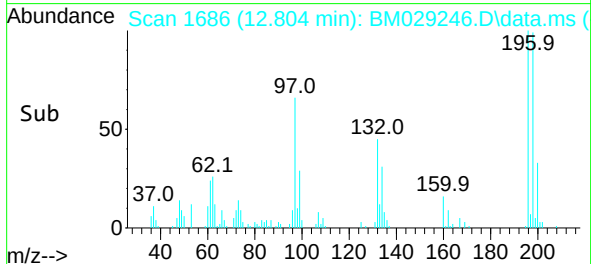
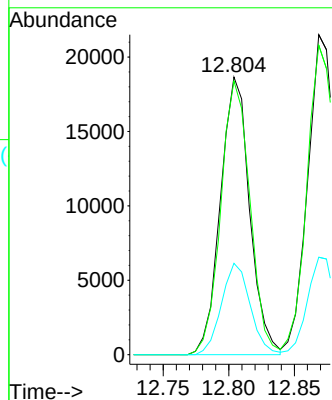
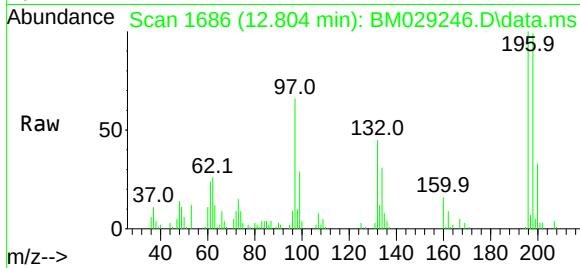




#43
2,4,6-Trichlorophenol
Concen: 6.89 ng
RT: 12.804 min Scan# 1686
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

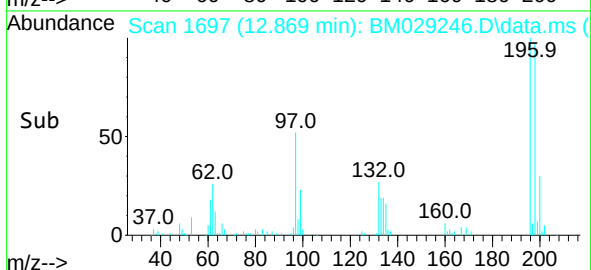
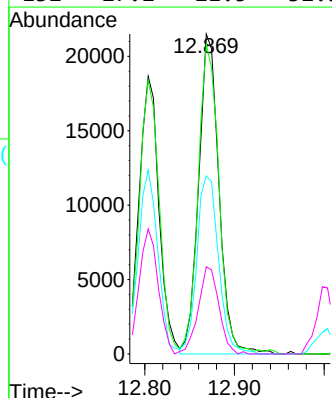
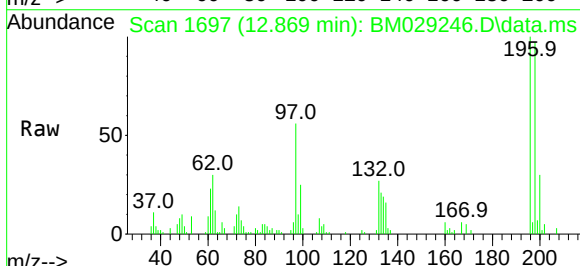
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

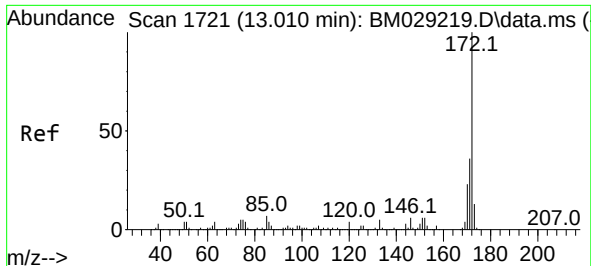
Tgt Ion:196 Resp: 28986
Ion Ratio Lower Upper
196 100
198 98.5 75.3 112.9
200 32.9 25.2 37.8



#44
2,4,5-Trichlorophenol
Concen: 7.24 ng
RT: 12.869 min Scan# 1697
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:196 Resp: 33844
Ion Ratio Lower Upper
196 100
198 96.7 74.6 112.0
97 55.7 46.4 69.6
132 27.2 21.5 32.3

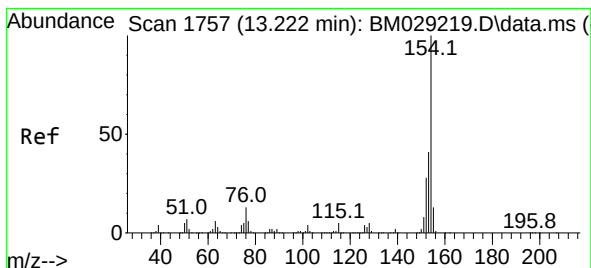
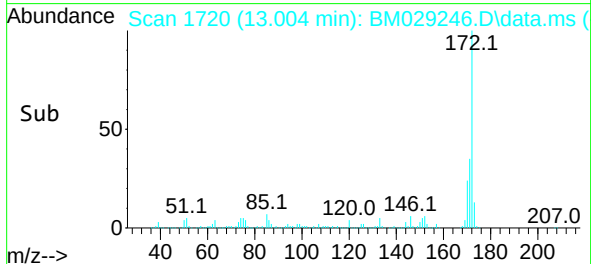
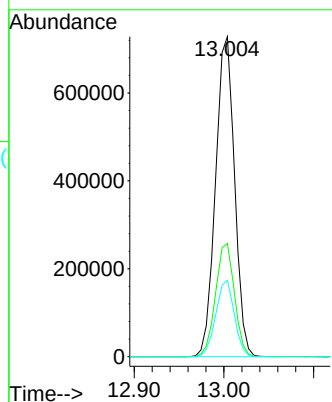
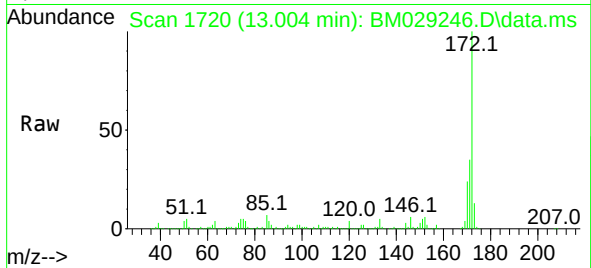




#45
2-Fluorobiphenyl
Concen: 65.92 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

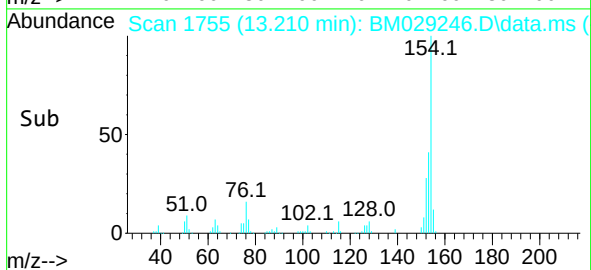
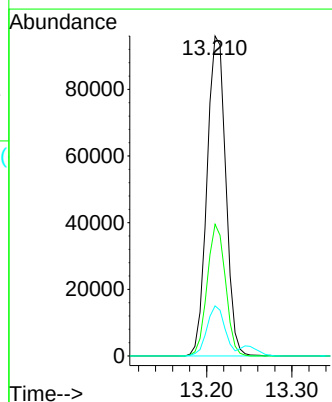
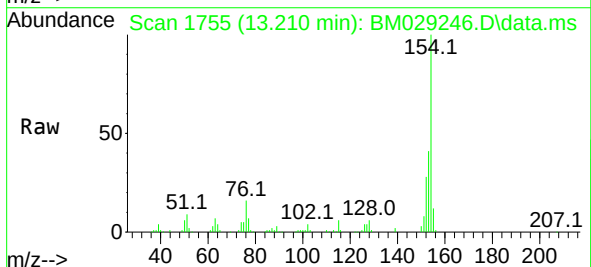
Instrument :
BNA_M
ClientSampleId :
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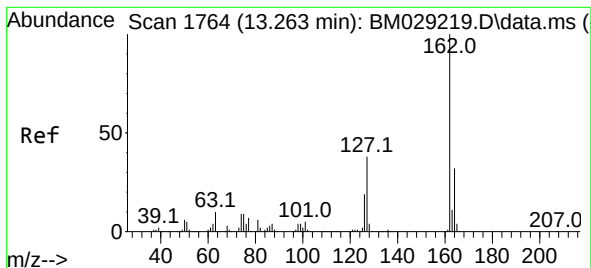
Tgt Ion:172 Resp: 1071400
Ion Ratio Lower Upper
172 100
171 35.3 28.7 43.1
170 23.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 8.35 ng
RT: 13.210 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:154 Resp: 146305
Ion Ratio Lower Upper
154 100
153 41.1 21.5 61.5
76 15.6 0.0 33.6





#47

2-Chloronaphthalene

Concen: 8.05 ng

RT: 13.251 min Scan# 1762

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

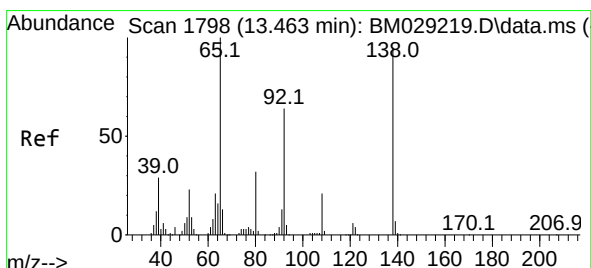
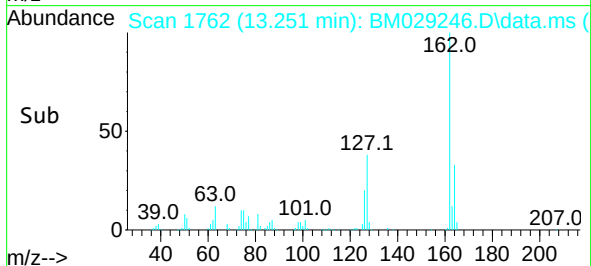
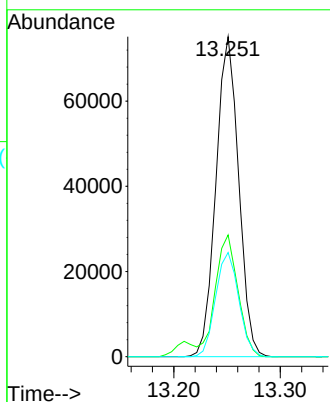
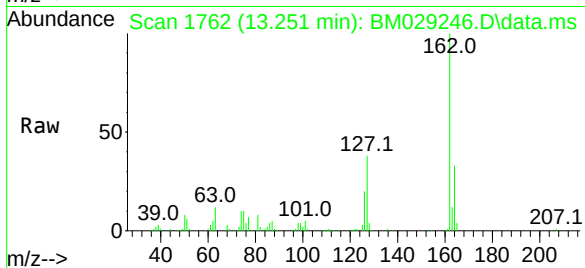
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT1-2021

Tgt Ion:	162	Resp:	111028
Ion Ratio	Lower	Upper	
162	100		
127	38.1	30.4	45.6
164	32.6	26.3	39.5



#48

2-Nitroaniline

Concen: 7.01 ng

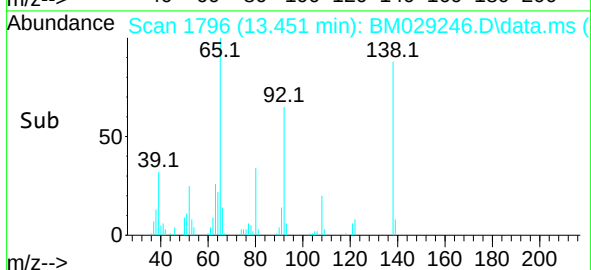
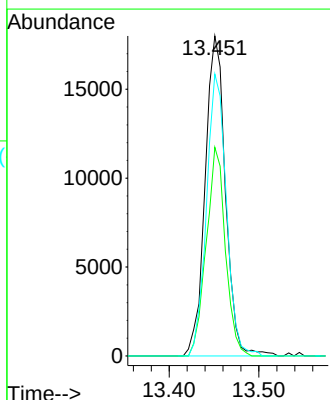
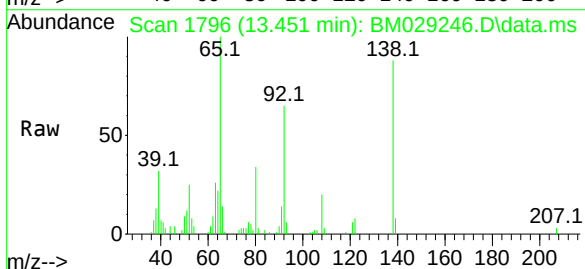
RT: 13.451 min Scan# 1796

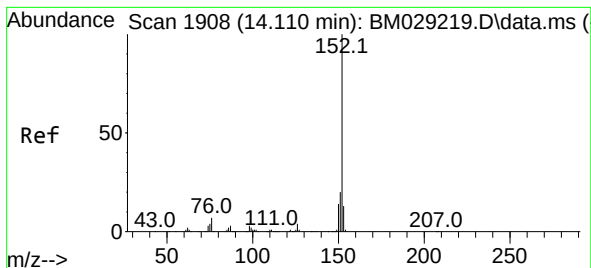
Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

Tgt Ion:	65	Resp:	28344
Ion Ratio	Lower	Upper	
65	100		
92	65.2	52.4	78.6
138	88.1	75.0	112.6





#49

Acenaphthylene

Concen: 7.79 ng

RT: 14.098 min Scan# 1906

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

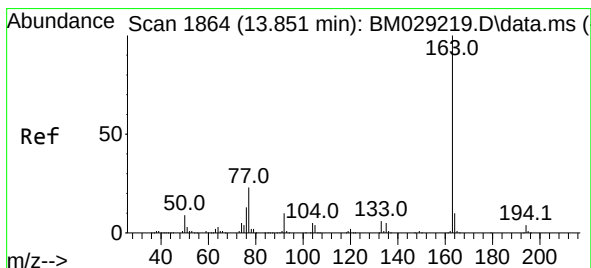
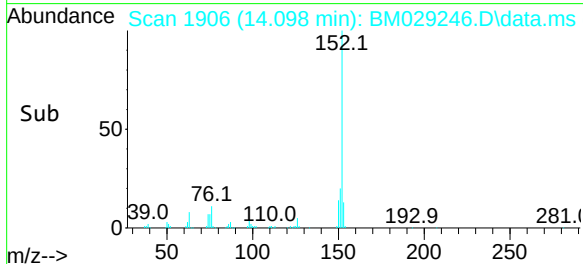
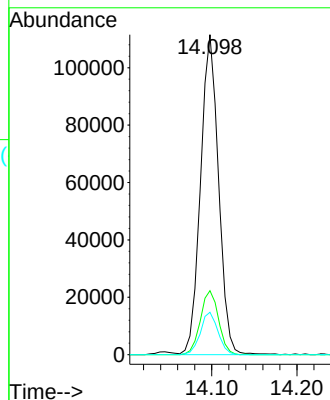
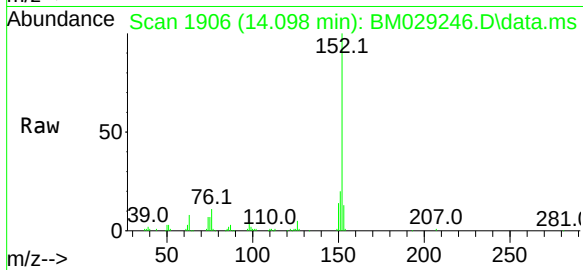
Tgt Ion:152 Resp: 163451

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 8.29 ng

RT: 13.839 min Scan# 1862

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

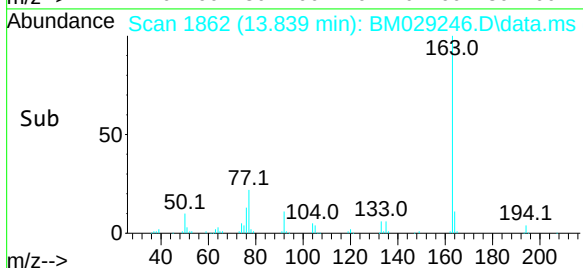
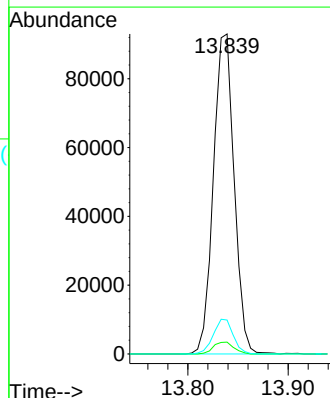
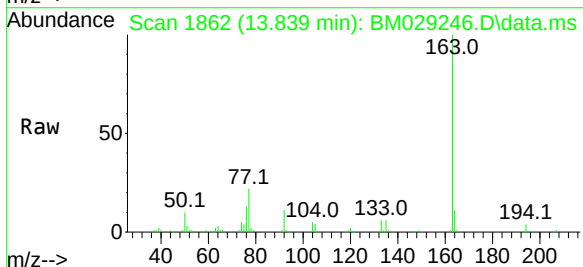
Tgt Ion:163 Resp: 133598

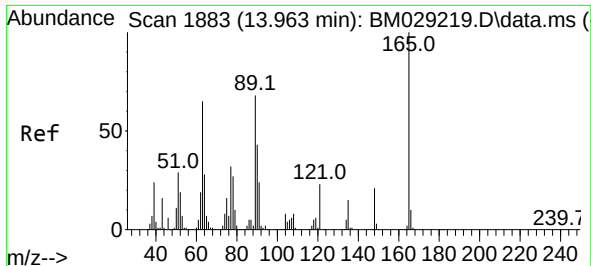
Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 10.6 7.9 11.9

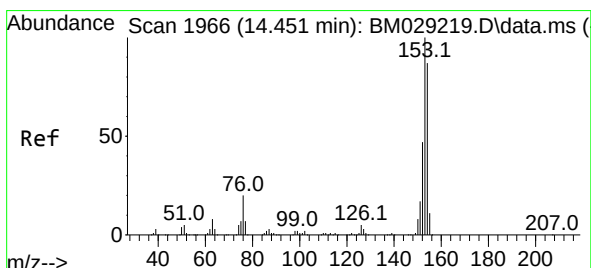
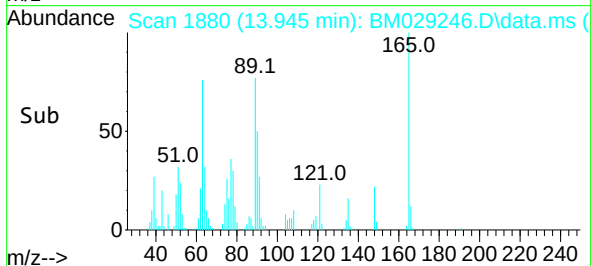
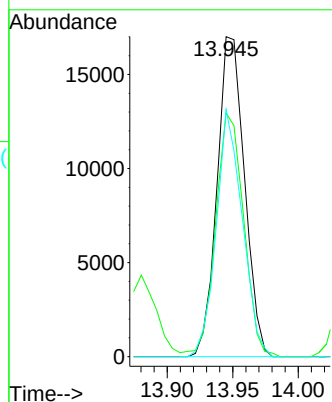
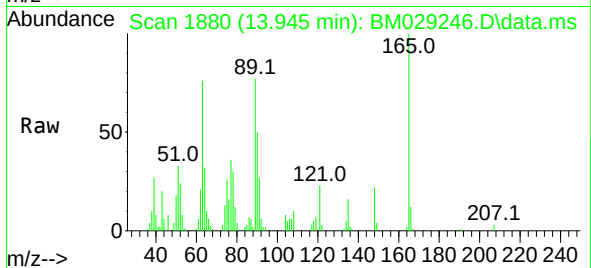




#51
2,6-Dinitrotoluene
Concen: 7.10 ng
RT: 13.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

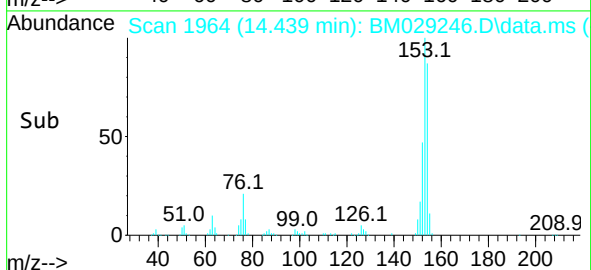
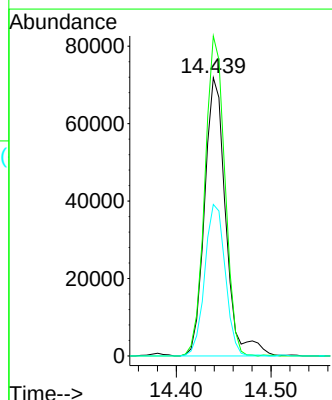
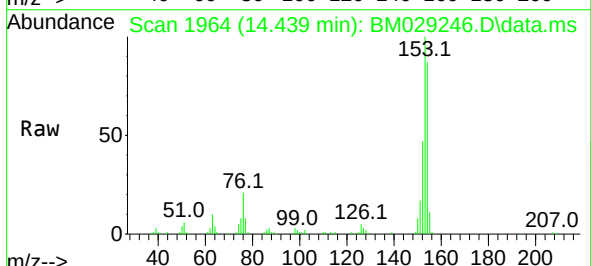
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

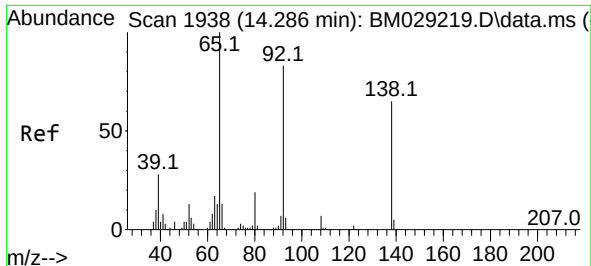
Tgt Ion:165 Resp: 24727
Ion Ratio Lower Upper
165 100
63 76.2 51.4 77.2
89 77.2 51.4 77.2#



#52
Acenaphthene
Concen: 8.35 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:154 Resp: 111367
Ion Ratio Lower Upper
154 100
153 115.0 90.5 135.7
152 54.5 43.4 65.2

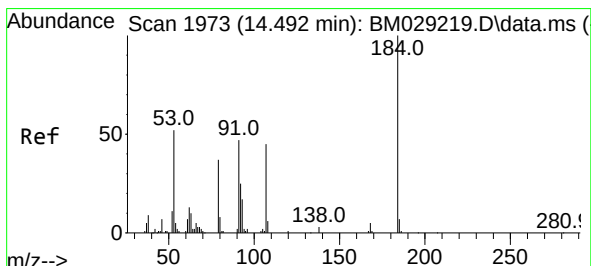
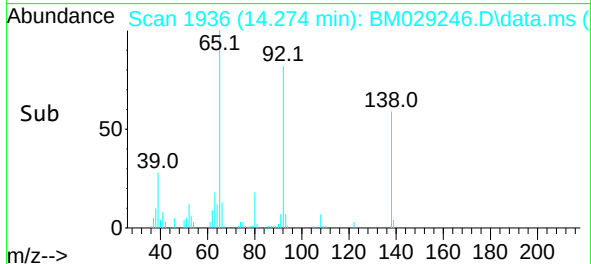
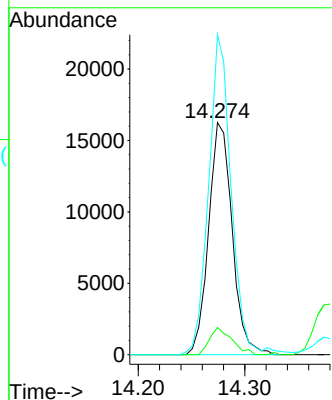
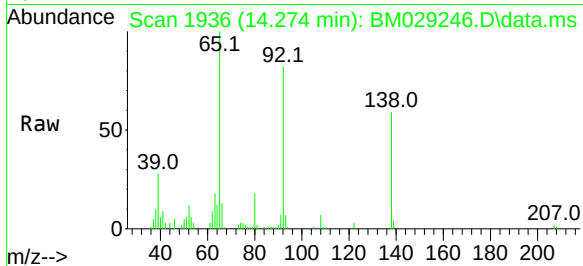




#53
3-Nitroaniline
Concen: 7.07 ng
RT: 14.274 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

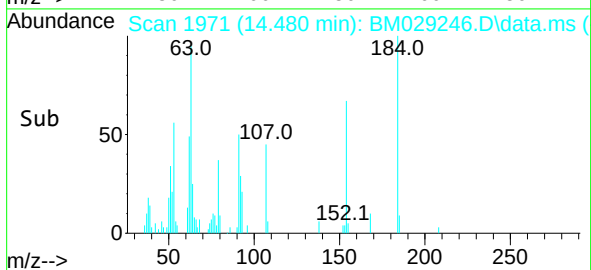
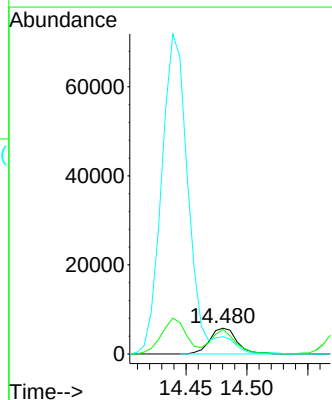
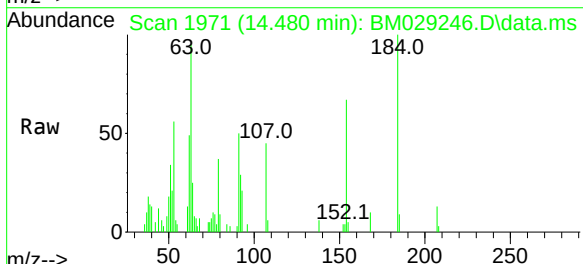
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

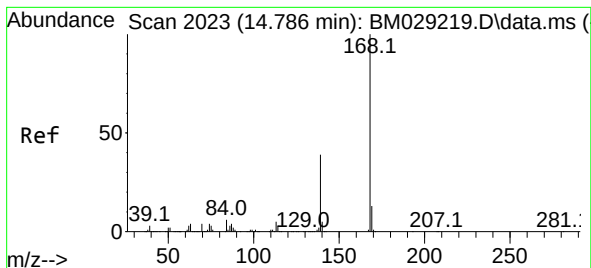
Tgt Ion:138 Resp: 24955
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 137.9 101.4 152.0



#54
2,4-Dinitrophenol
Concen: 5.14 ng
RT: 14.480 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:184 Resp: 8955
Ion Ratio Lower Upper
184 100
63 95.2 61.9 92.9#
154 67.1 52.3 78.5

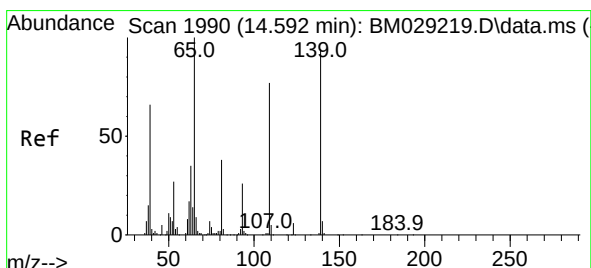
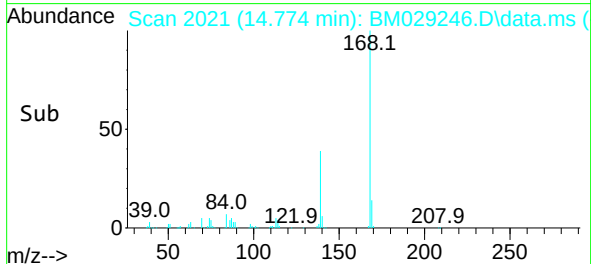
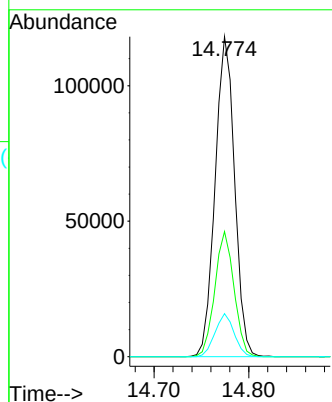
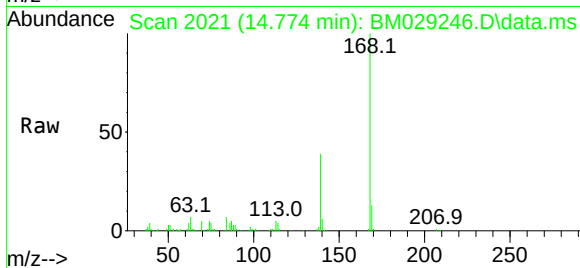




#55
Dibenzofuran
Concen: 8.04 ng
RT: 14.774 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

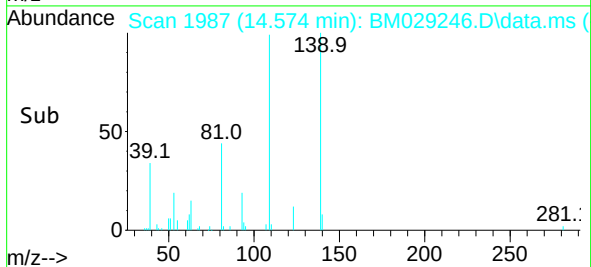
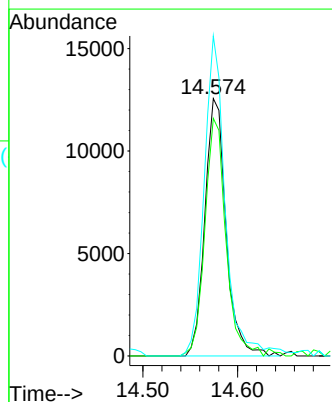
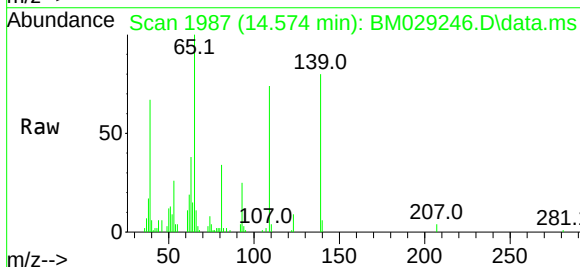
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

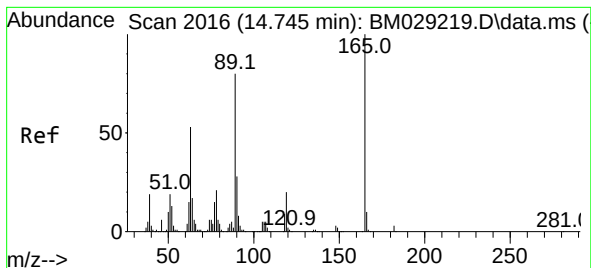
Tgt Ion:168 Resp: 168681
Ion Ratio Lower Upper
168 100
139 39.1 30.6 46.0
169 13.5 10.2 15.4



#56
4-Nitrophenol
Concen: 6.08 ng
RT: 14.574 min Scan# 1987
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:139 Resp: 19598
Ion Ratio Lower Upper
139 100
109 92.3 69.5 109.5
65 124.3 98.1 138.1

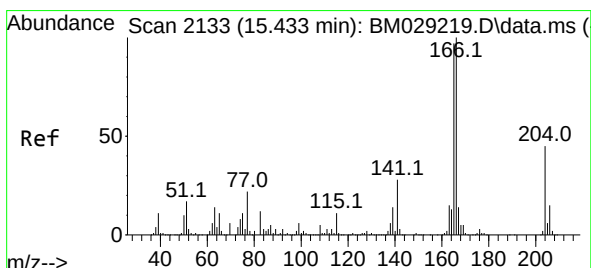
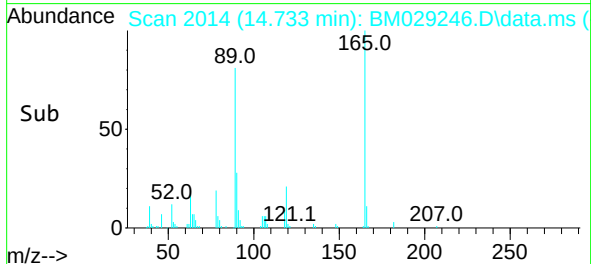
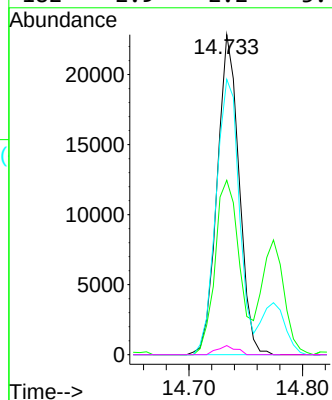
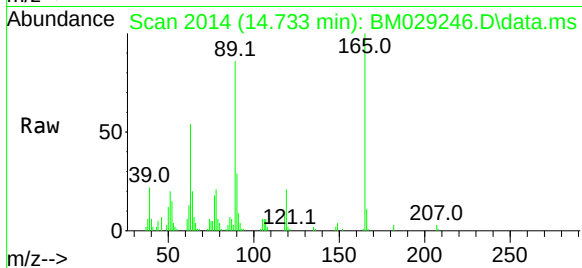




#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 14.733 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

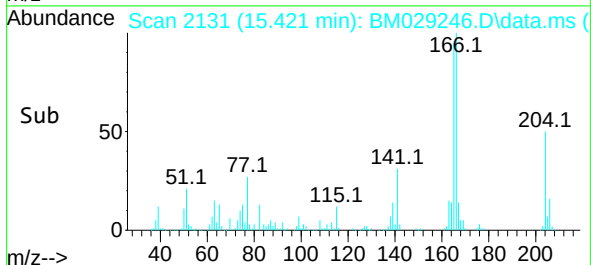
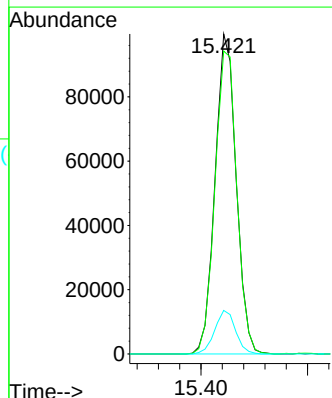
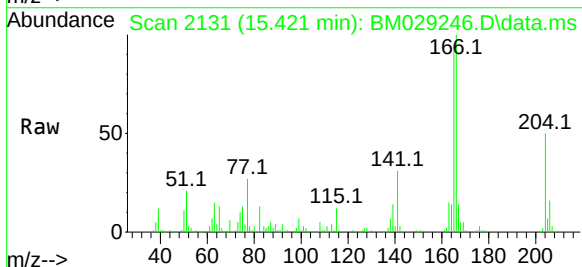
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

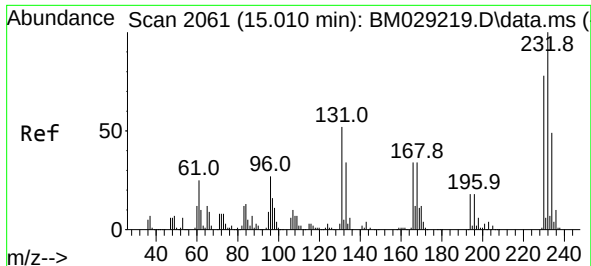
Tgt Ion:165	Resp:	30630
Ion Ratio	Lower	Upper
165	100	
63	54.5	42.2 63.4
89	86.0	65.6 98.4
182	2.9	2.2 3.4



#58
Fluorene
Concen: 8.03 ng
RT: 15.421 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:166	Resp:	136578
Ion Ratio	Lower	Upper
166	100	
165	94.6	79.6 119.4
167	13.6	11.0 16.6

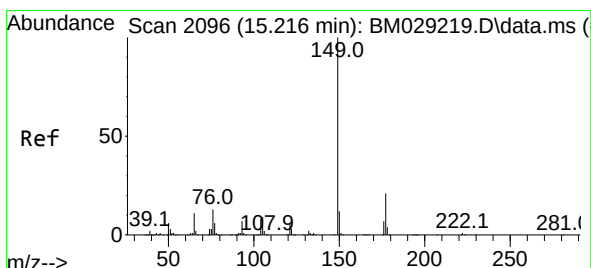
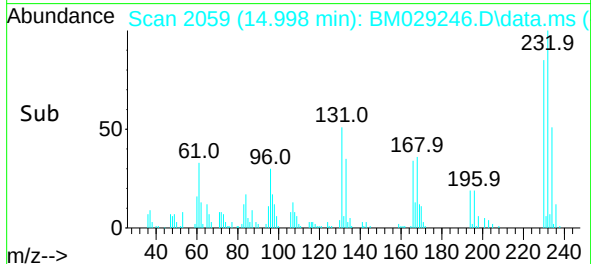
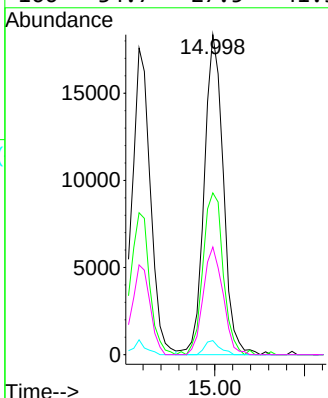
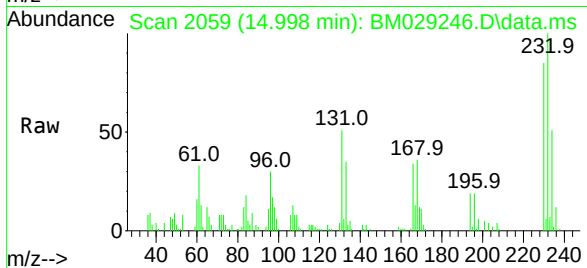




#59
2,3,4,6-Tetrachlorophenol
Concen: 7.08 ng
RT: 14.998 min Scan# 2059
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

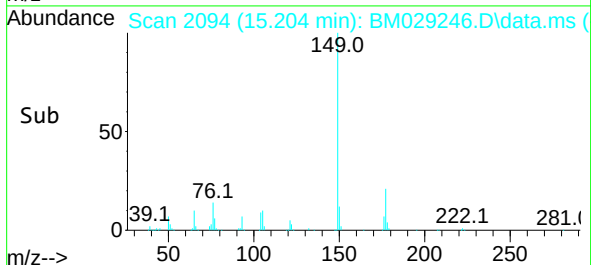
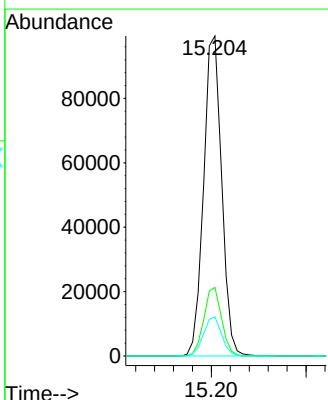
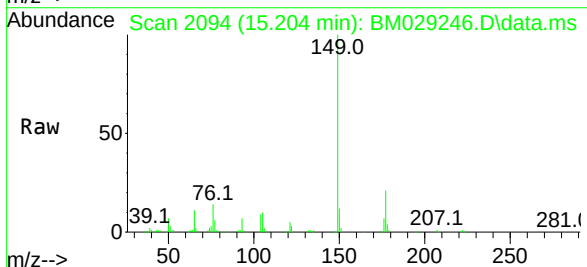
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

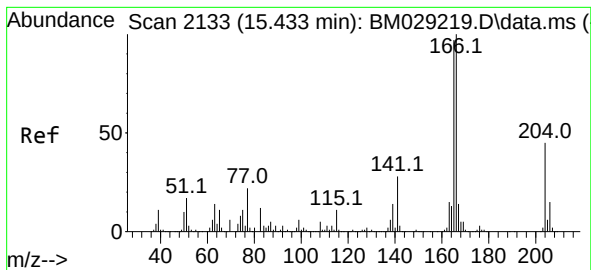
Tgt Ion:232	Resp:	27120
Ion Ratio	Lower	Upper
232	100	
131	53.7	41.1 61.7
130	3.5	2.6 3.8
166	34.7	27.5 41.3



#60
Diethylphthalate
Concen: 8.26 ng
RT: 15.204 min Scan# 2094
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:149	Resp:	131071
Ion Ratio	Lower	Upper
149	100	
177	21.4	17.3 25.9
150	12.2	9.8 14.6

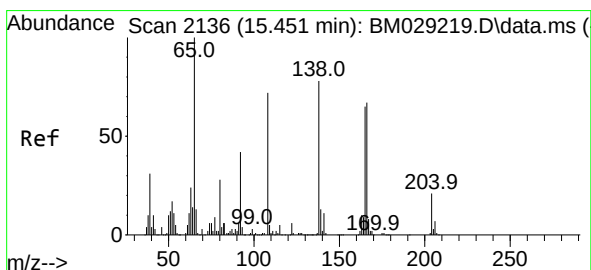
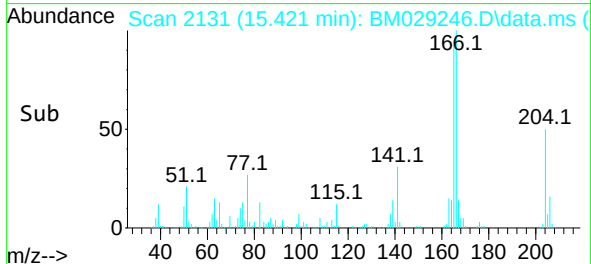
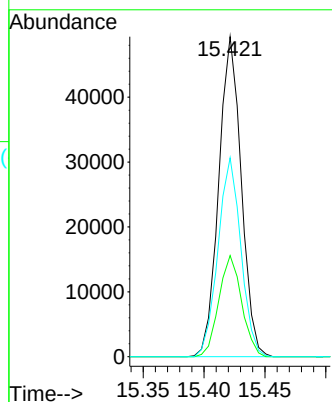
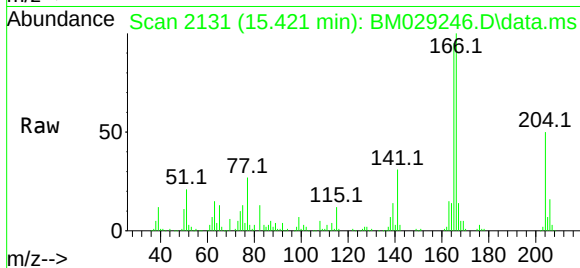




#61
4-Chlorophenyl-phenylether
Concen: 8.09 ng
RT: 15.421 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

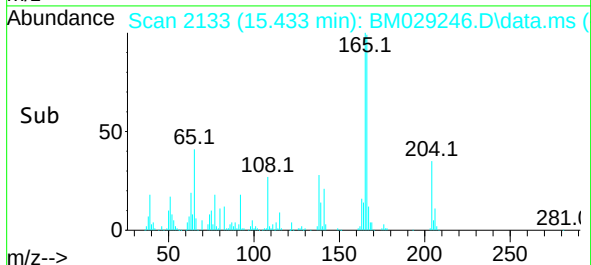
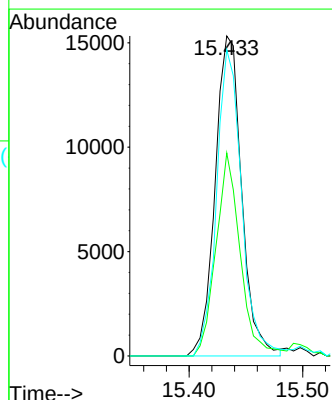
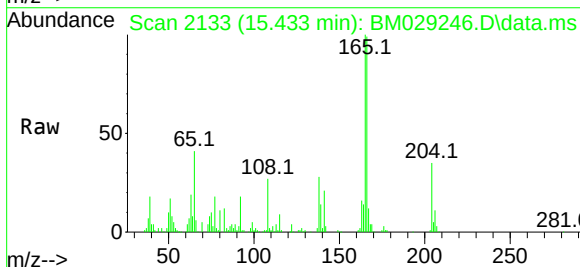
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

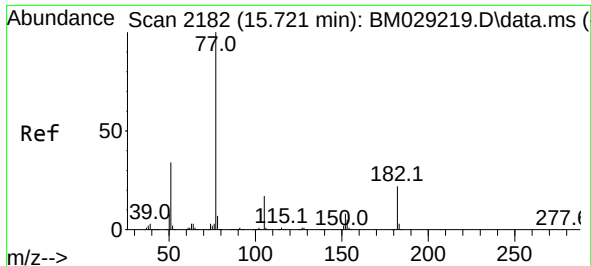
Tgt Ion:204 Resp: 63491
Ion Ratio Lower Upper
204 100
206 31.6 26.7 40.1
141 62.2 48.4 72.6



#62
4-Nitroaniline
Concen: 6.70 ng
RT: 15.433 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:138 Resp: 24891
Ion Ratio Lower Upper
138 100
92 63.4 38.2 78.2
108 95.7 71.7 111.7

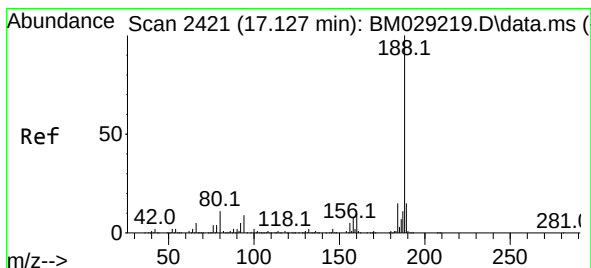
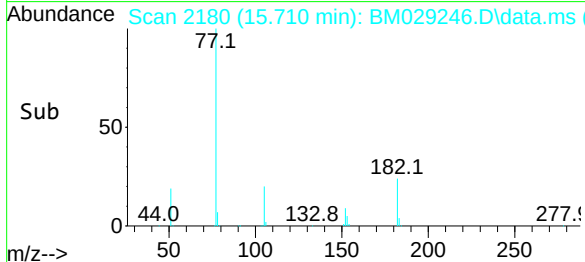
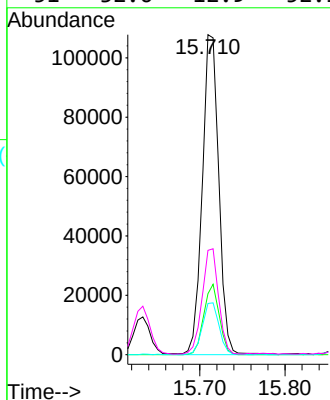
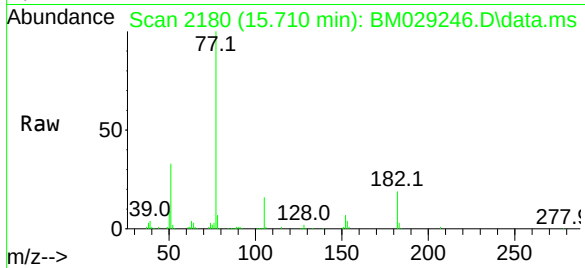




#63
Azobenzene
Concen: 8.02 ng
RT: 15.710 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

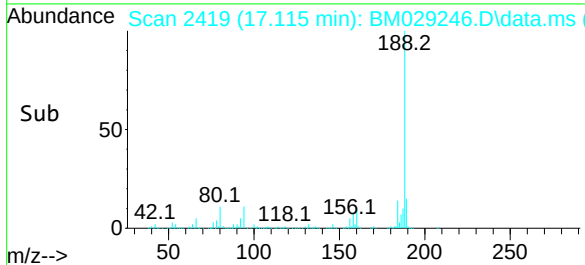
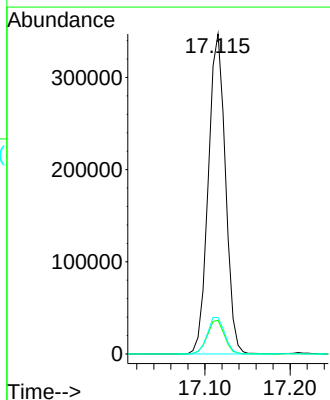
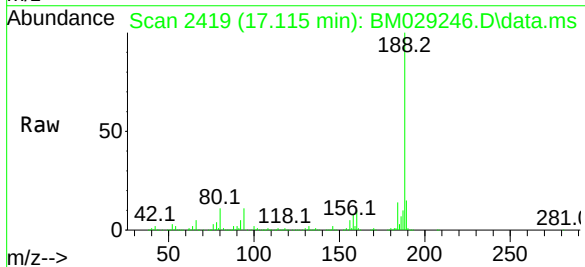
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

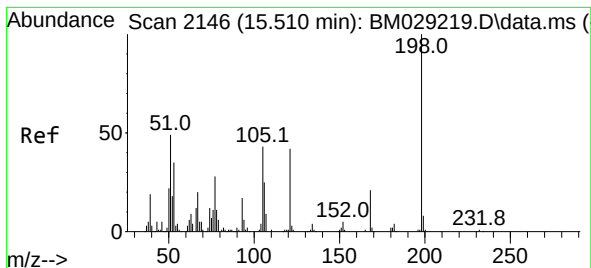
Tgt Ion: 77	Resp: 145437
Ion Ratio	Lower Upper
77 100	
182 19.0	2.3 42.3
105 16.0	0.0 36.4
51 32.6	12.9 52.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.115 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion: 188	Resp: 485109
Ion Ratio	Lower Upper
188 100	
94 10.5	8.1 12.1
80 11.4	9.2 13.8

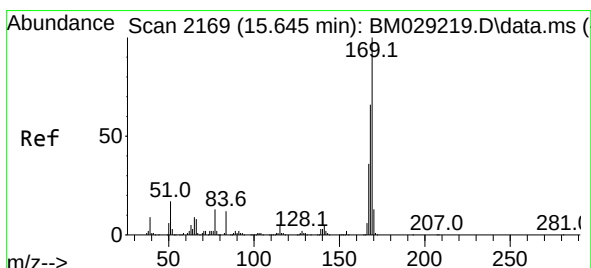
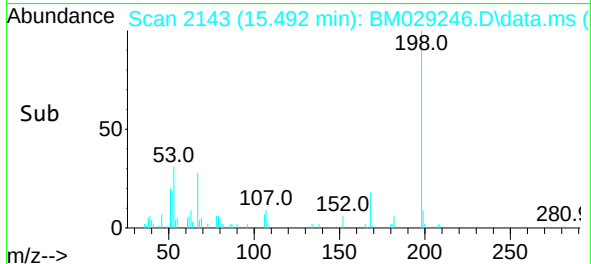
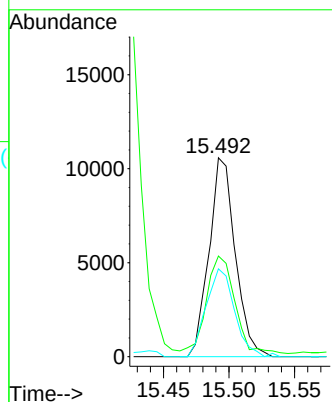
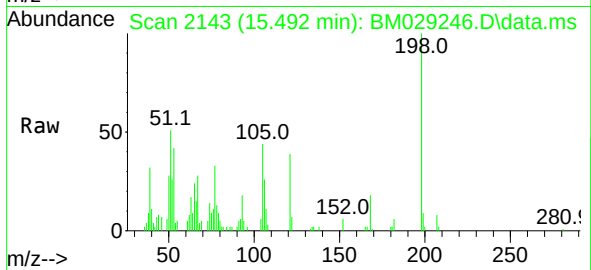




#65
4,6-Dinitro-2-methylphenol
Concen: 5.45 ng
RT: 15.492 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

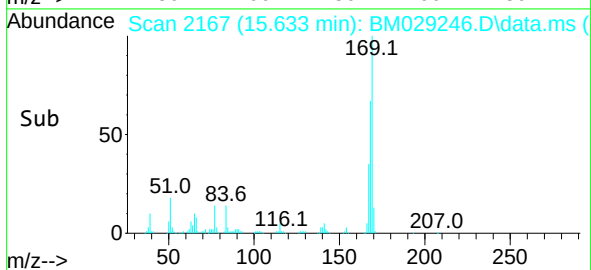
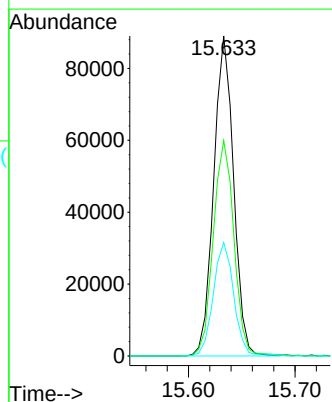
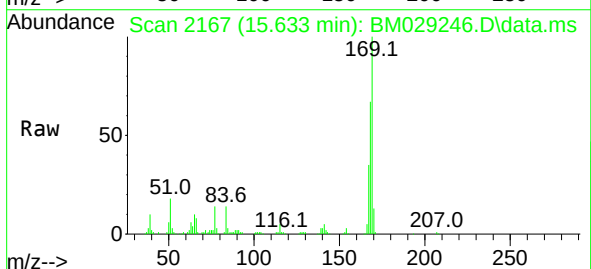
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

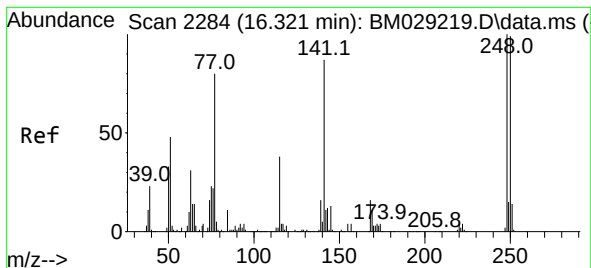
Tgt Ion:198 Resp: 14728
Ion Ratio Lower Upper
198 100
51 50.6 35.1 75.1
105 44.2 29.4 69.4



#66
n-Nitrosodiphenylamine
Concen: 7.43 ng
RT: 15.633 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:169 Resp: 115341
Ion Ratio Lower Upper
169 100
168 67.3 54.6 81.8
167 35.5 29.4 44.0

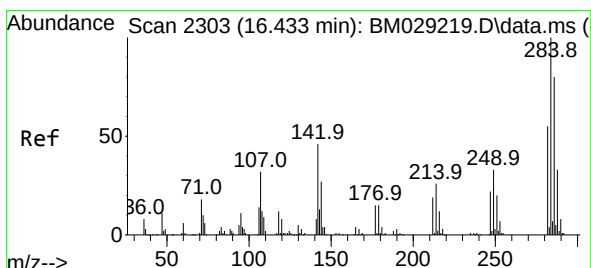
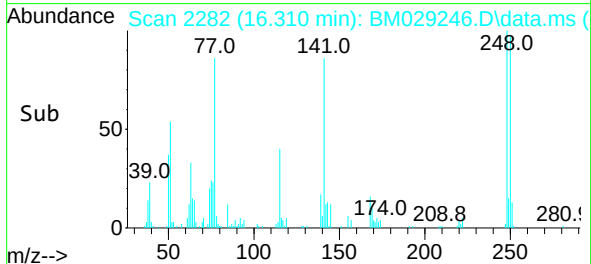
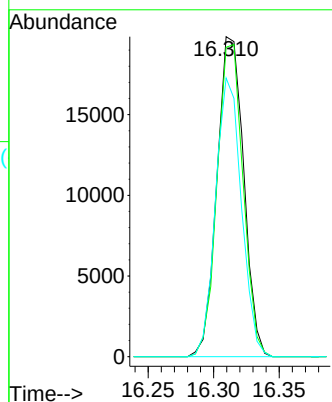
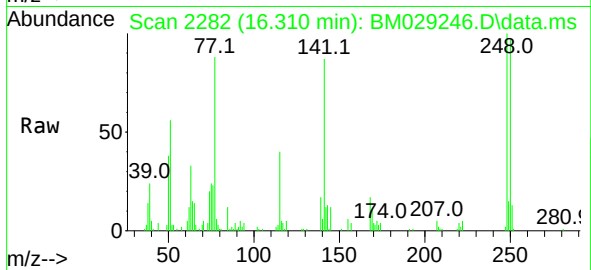




#67
4-Bromophenyl-phenylether
Concen: 6.33 ng
RT: 16.310 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

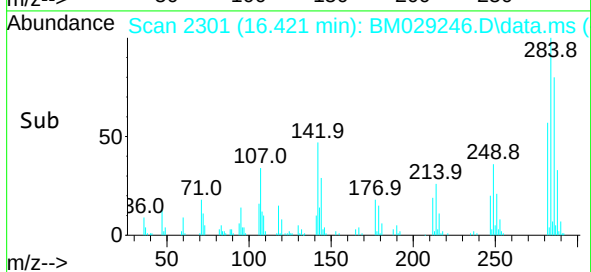
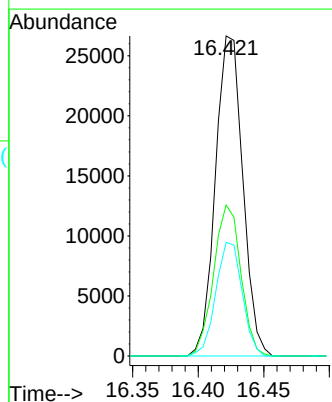
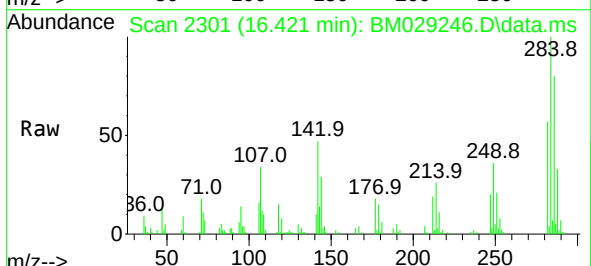
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

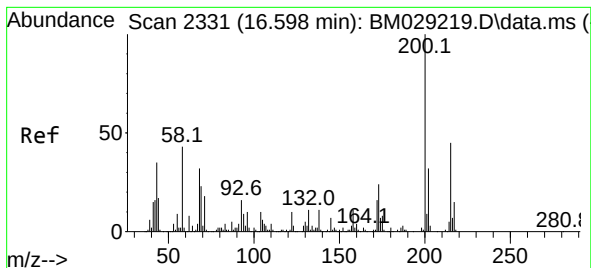
Tgt Ion:248 Resp: 28134
Ion Ratio Lower Upper
248 100
250 96.7 78.4 117.6
141 87.1 67.1 100.7



#68
Hexachlorobenzene
Concen: 7.39 ng
RT: 16.421 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:284 Resp: 38660
Ion Ratio Lower Upper
284 100
142 47.2 33.4 50.2
249 35.5 25.9 38.9





#69

Atrazine

Concen: 6.55 ng

RT: 16.580 min Scan# 2328

Delta R.T. -0.006 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

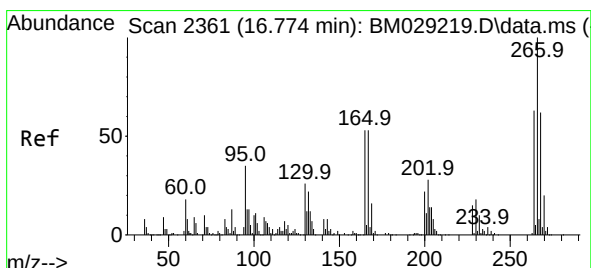
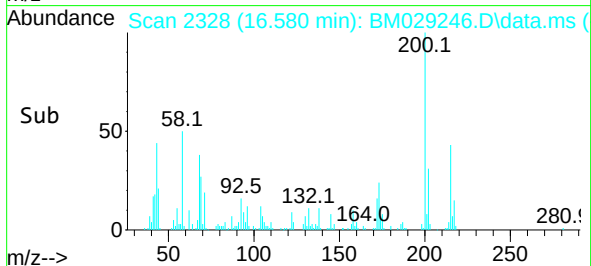
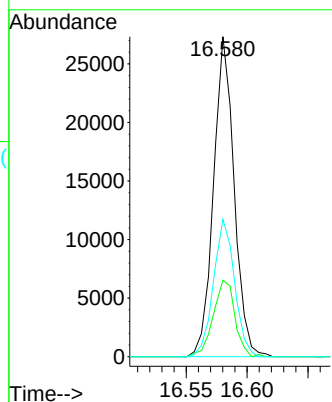
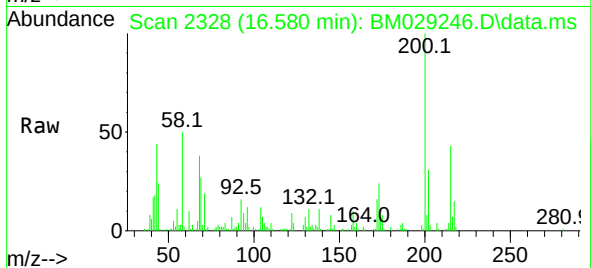
Tgt Ion:200 Resp: 32114

Ion Ratio Lower Upper

200 100

173 23.9 6.1 46.1

215 42.9 23.8 63.8



#70

Pentachlorophenol

Concen: 5.78 ng

RT: 16.762 min Scan# 2359

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

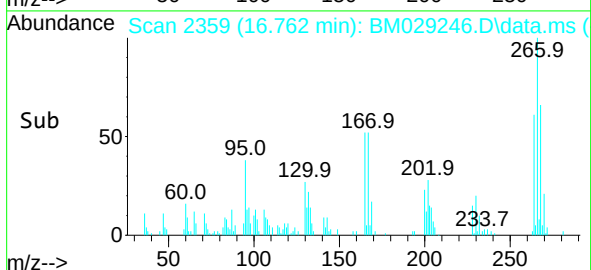
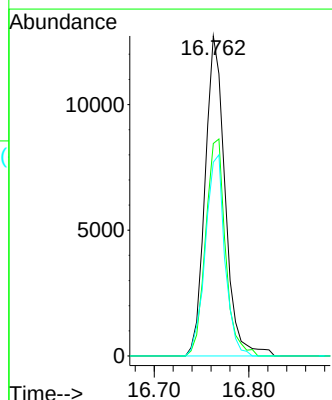
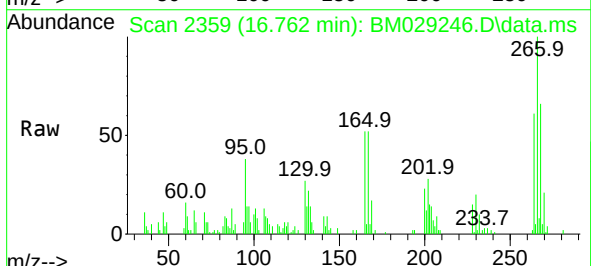
Tgt Ion:266 Resp: 18625

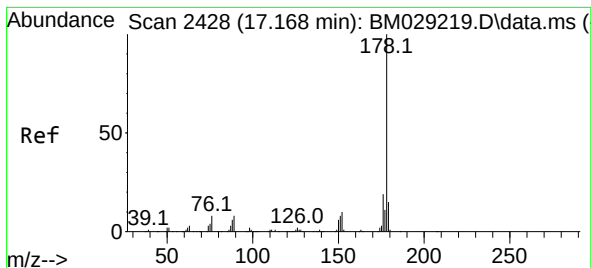
Ion Ratio Lower Upper

266 100

268 66.4 52.2 78.2

264 60.6 50.9 76.3

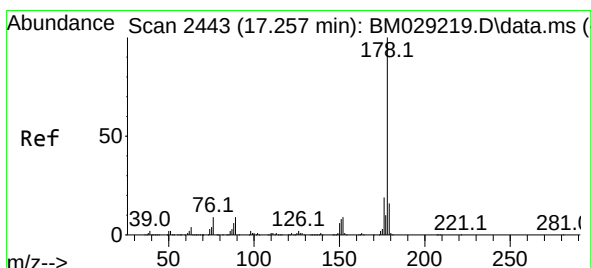
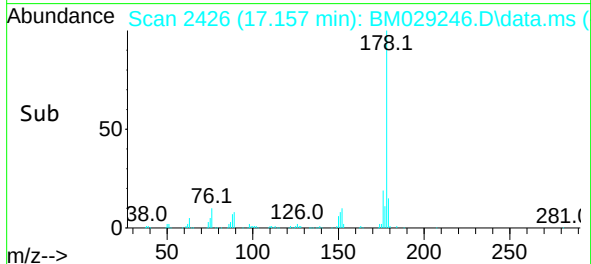
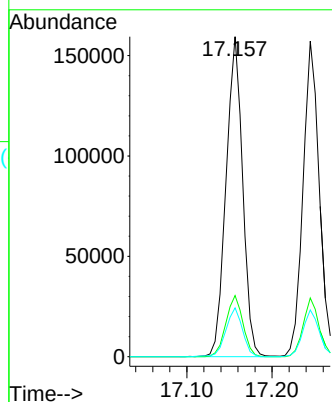
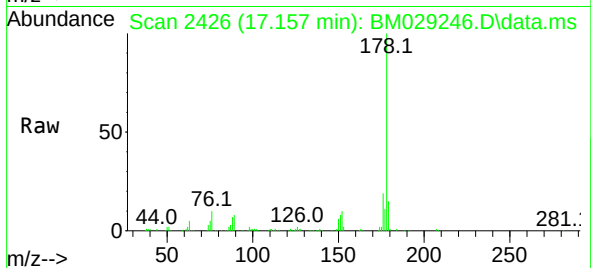




#71
Phenanthrene
Concen: 7.69 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

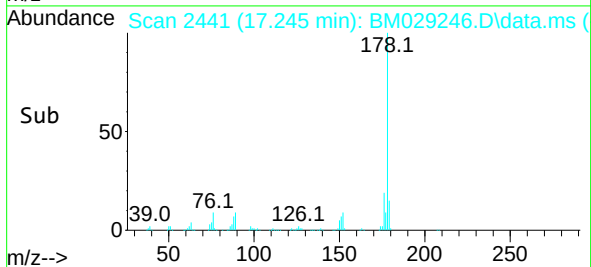
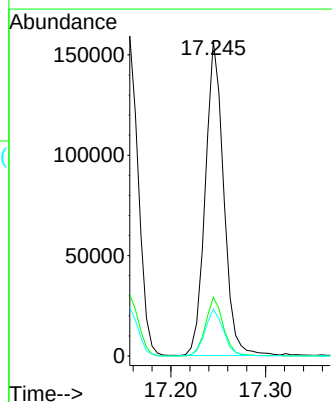
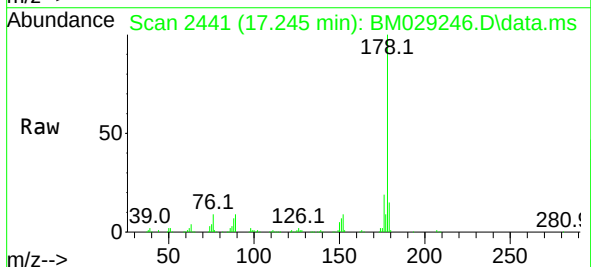
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

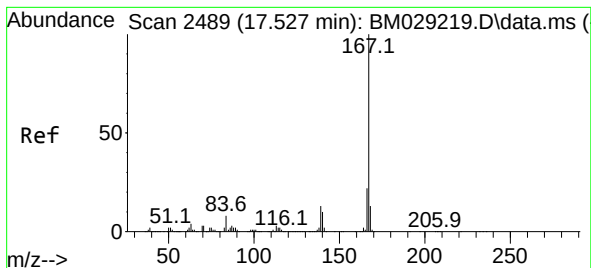
Tgt Ion:178 Resp: 216350
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.3 11.9 17.9



#72
Anthracene
Concen: 7.72 ng
RT: 17.245 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:178 Resp: 211000
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 14.8 12.1 18.1





#73

Carbazole

Concen: 7.14 ng

RT: 17.515 min Scan# 2487

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

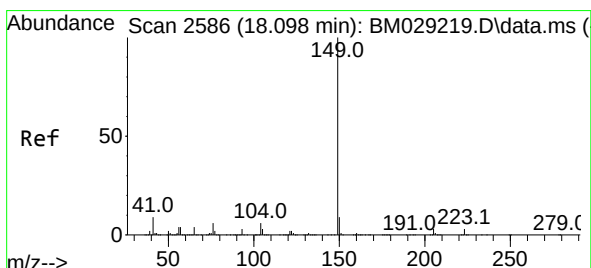
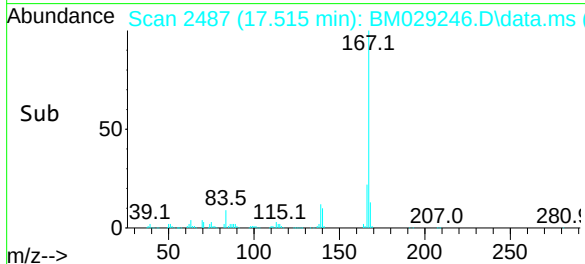
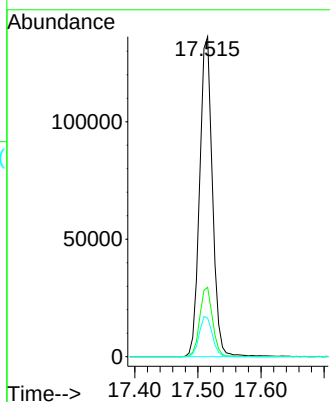
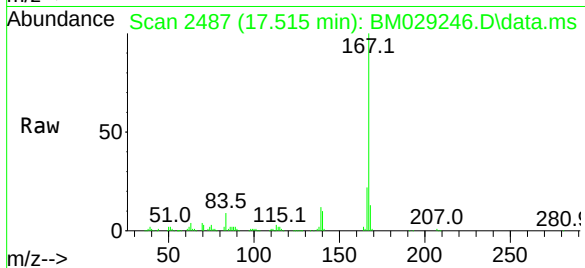
Tgt Ion:167 Resp: 191935

Ion Ratio Lower Upper

167 100

166 21.7 17.5 26.3

139 12.0 10.6 15.8



#74

Di-n-butylphthalate

Concen: 7.07 ng

RT: 18.086 min Scan# 2584

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

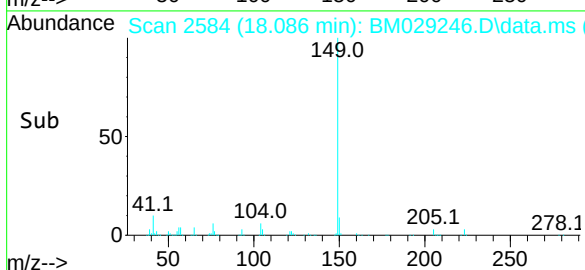
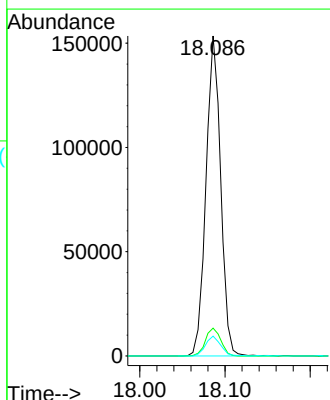
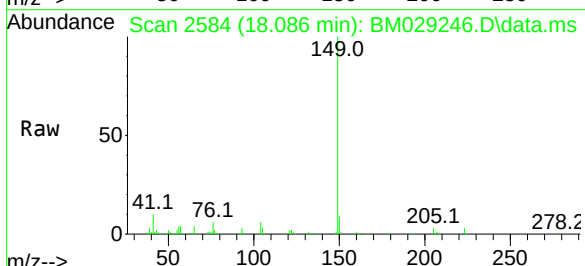
Tgt Ion:149 Resp: 183454

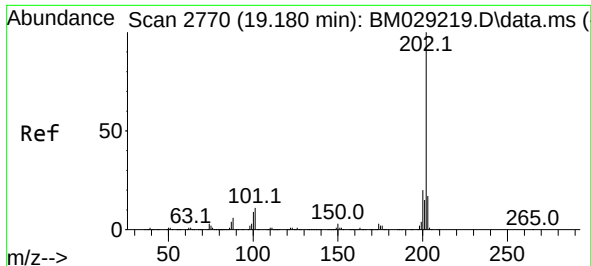
Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

104 6.2 4.6 6.8

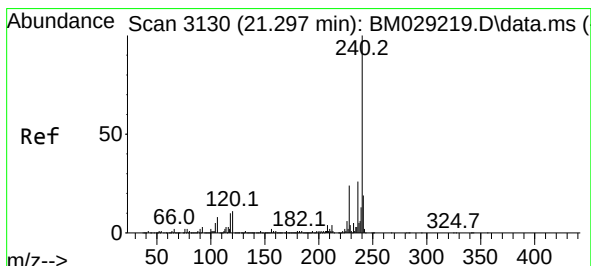
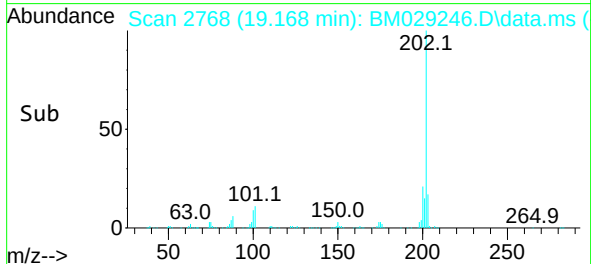
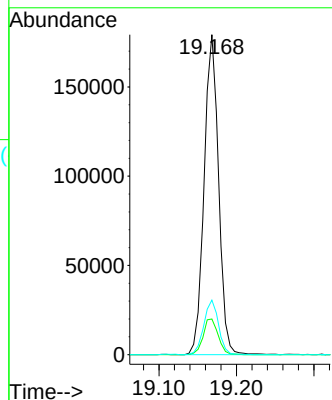
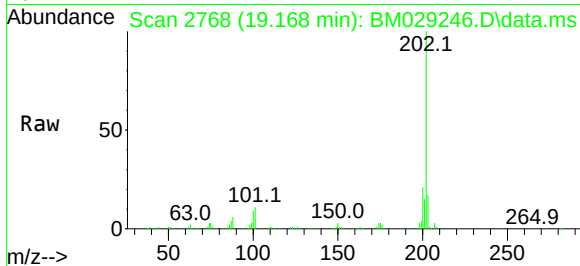




#75
Fluoranthene
Concen: 7.48 ng
RT: 19.168 min Scan# 2768
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

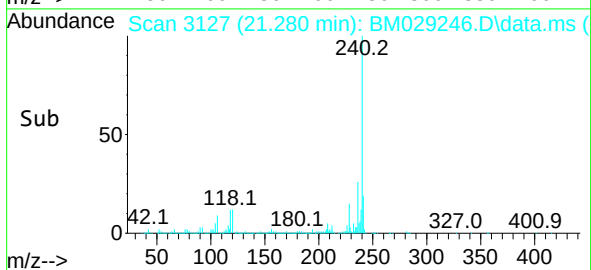
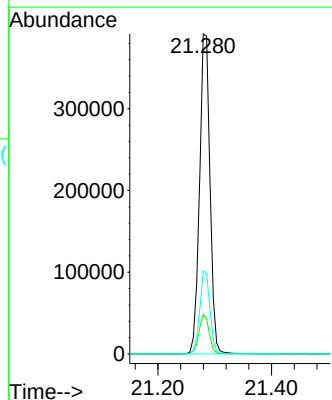
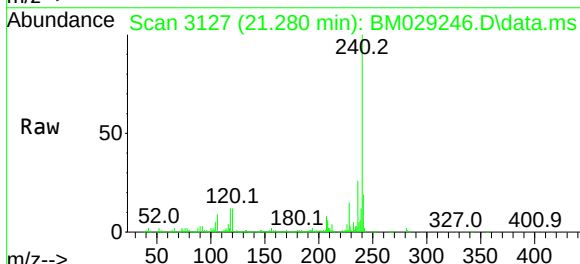
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

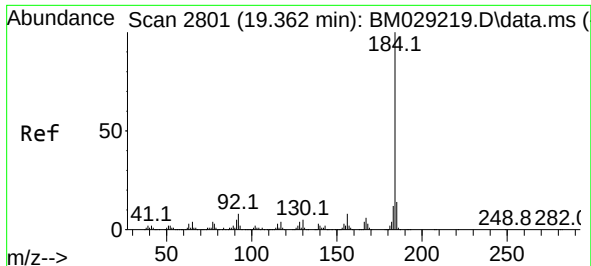
Tgt Ion:202 Resp: 232400
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.5
203 17.0 0.0 37.7



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.280 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:240 Resp: 503148
Ion Ratio Lower Upper
240 100
120 12.4 9.0 13.6
236 26.0 20.3 30.5

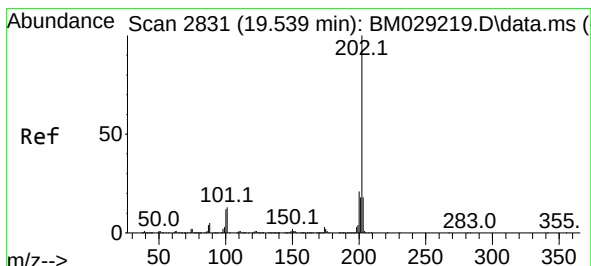
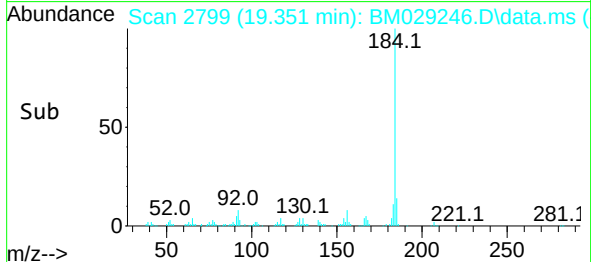
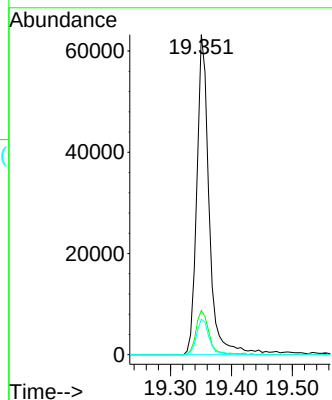
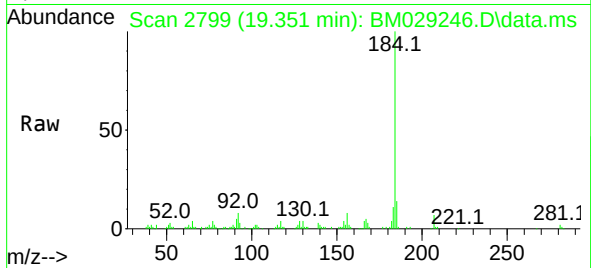




#77
Benzidine
Concen: 6.15 ng
RT: 19.351 min Scan# 2799
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

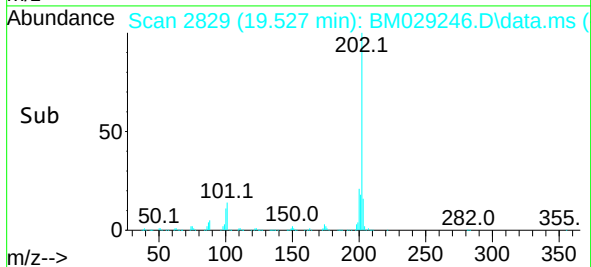
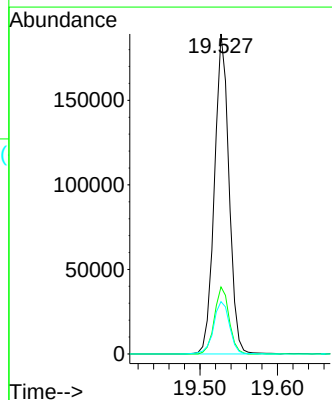
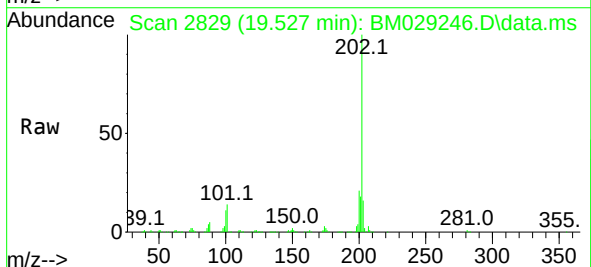
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

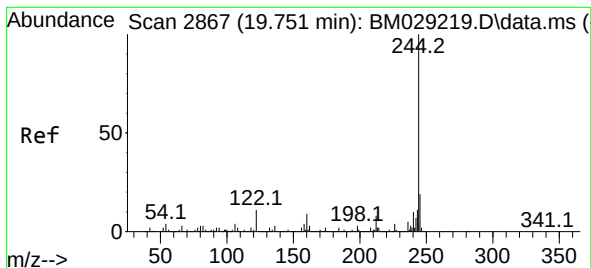
Tgt Ion:184 Resp: 89433
Ion Ratio Lower Upper
184 100
185 13.8 11.3 16.9
183 11.0 9.8 14.6



#78
Pyrene
Concen: 7.25 ng
RT: 19.527 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:202 Resp: 247100
Ion Ratio Lower Upper
202 100
200 20.9 17.0 25.6
203 16.4 14.1 21.1





#79

Terphenyl-d14

Concen: 62.95 ng

RT: 19.739 min Scan# 2865

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

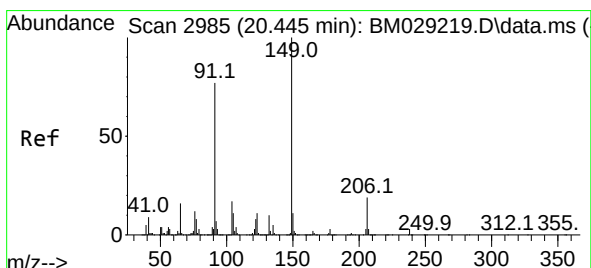
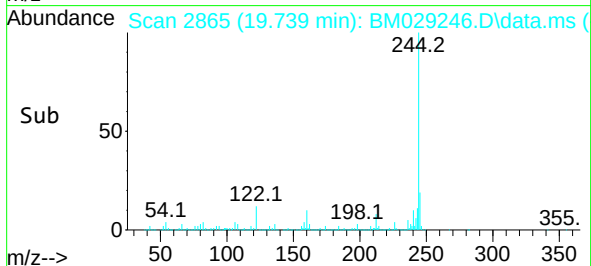
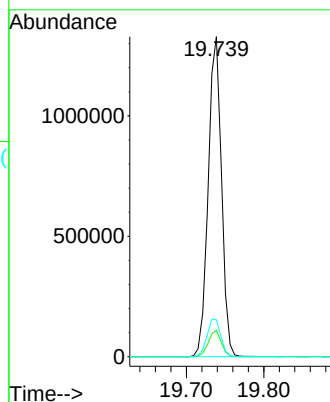
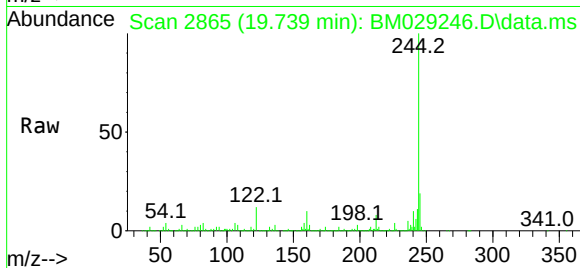
Tgt Ion:244 Resp: 1576739

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

122 11.5 9.2 13.8



#80

Butylbenzylphthalate

Concen: 6.45 ng

RT: 20.433 min Scan# 2983

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

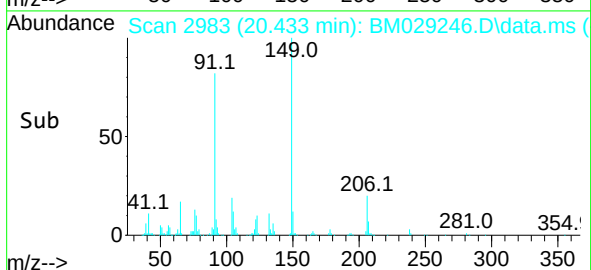
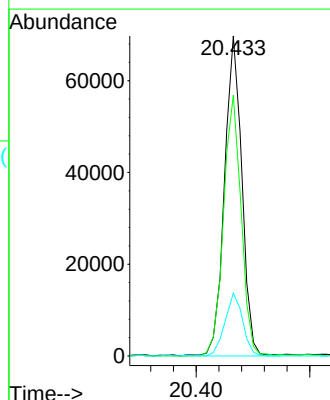
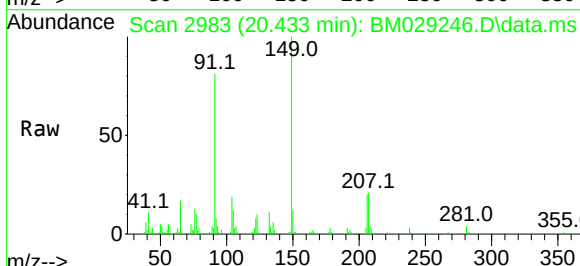
Tgt Ion:149 Resp: 74280

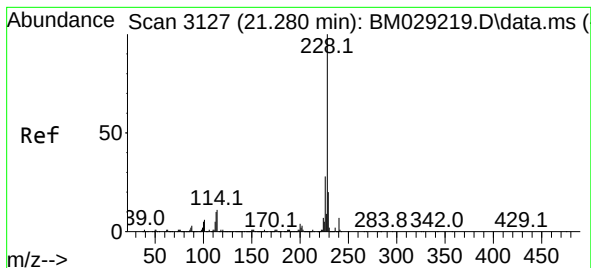
Ion Ratio Lower Upper

149 100

91 81.4 60.5 90.7

206 19.6 15.7 23.5





#81

Benzo(a)anthracene

Concen: 7.27 ng

RT: 21.268 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

Tgt Ion:228 Resp: 238675

Ion Ratio Lower Upper

228 100

226 28.9 21.9 32.9

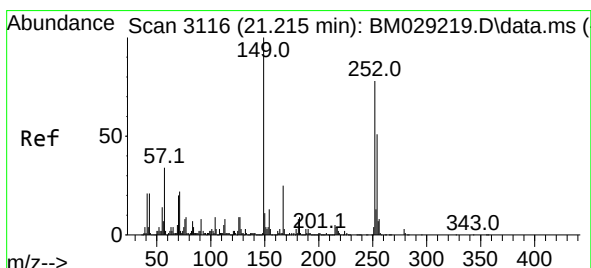
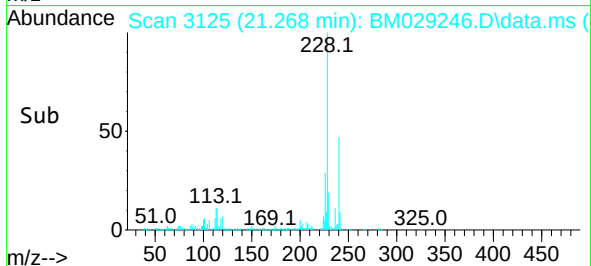
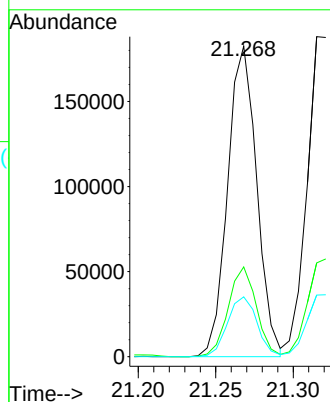
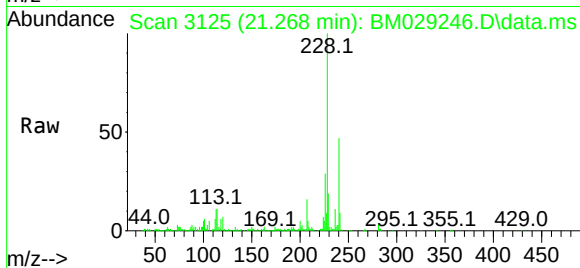
229 19.3 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT1-2021



#82

3,3'-Dichlorobenzidine

Concen: 7.78 ng

RT: 21.203 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BM029246.D

Acq: 29 Mar 2021 14:01

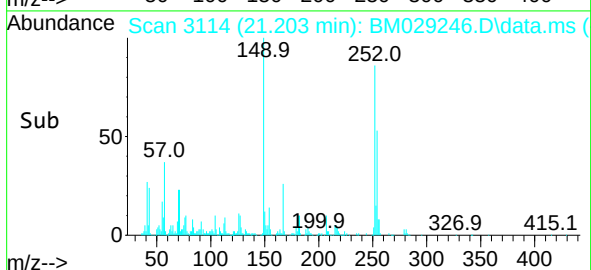
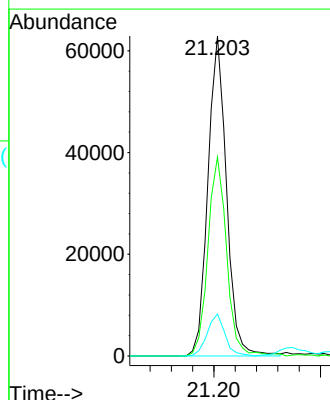
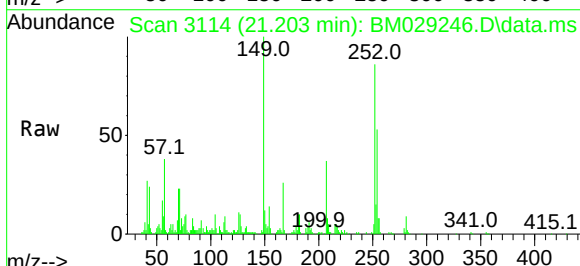
Tgt Ion:252 Resp: 76401

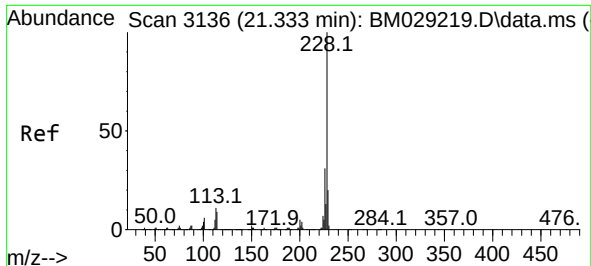
Ion Ratio Lower Upper

252 100

254 62.1 52.6 78.8

126 13.1 10.8 16.2

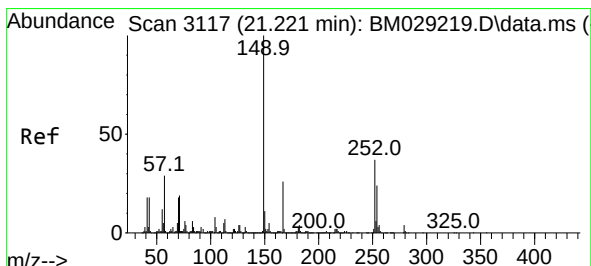
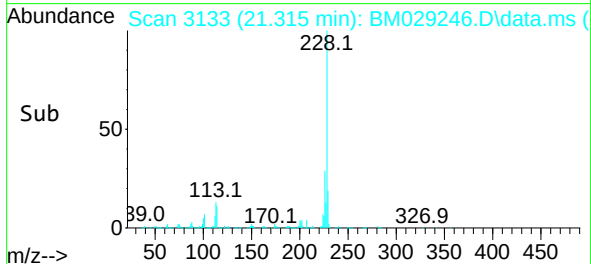
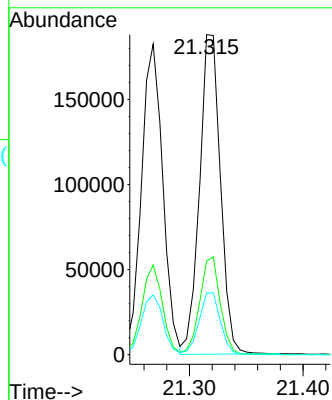
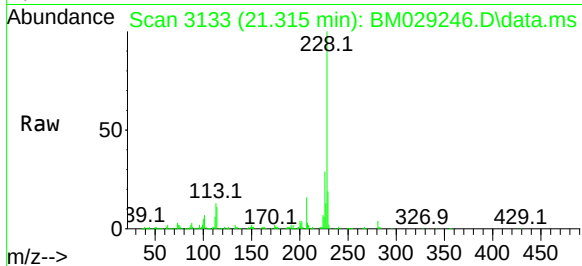




#83
Chrysene
Concen: 7.32 ng
RT: 21.315 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

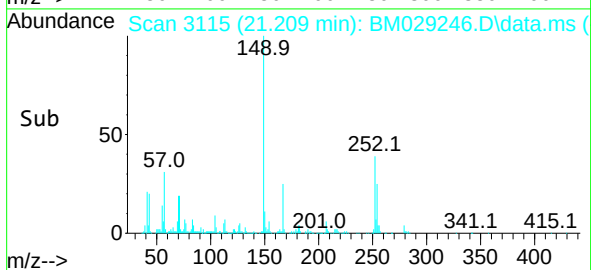
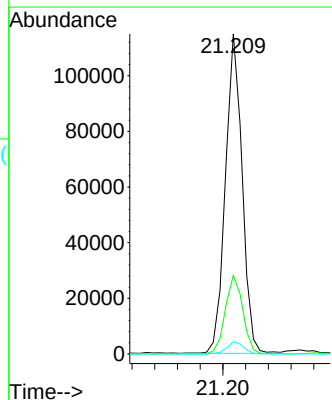
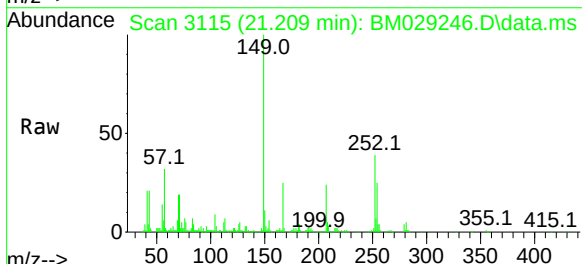
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

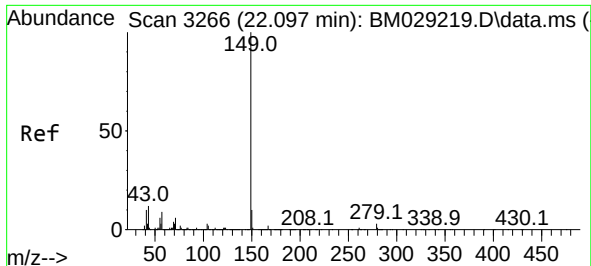
Tgt Ion:228 Resp: 240564
Ion Ratio Lower Upper
228 100
226 29.3 24.7 37.1
229 19.2 15.8 23.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.10 ng
RT: 21.209 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:149 Resp: 117490
Ion Ratio Lower Upper
149 100
167 24.6 20.6 31.0
279 3.8 3.3 4.9

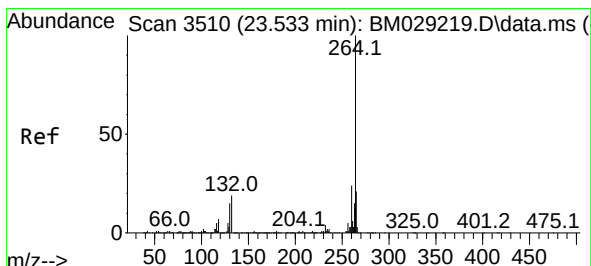
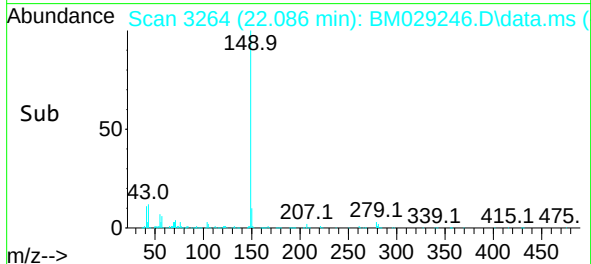
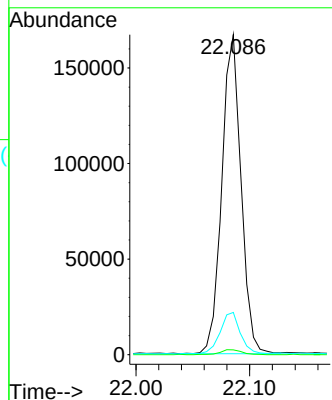
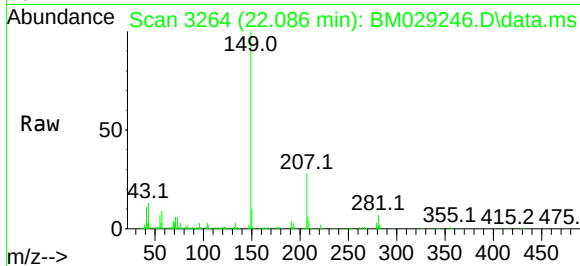




#85
Di-n-octyl phthalate
Concen: 7.32 ng
RT: 22.086 min Scan# 3264
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

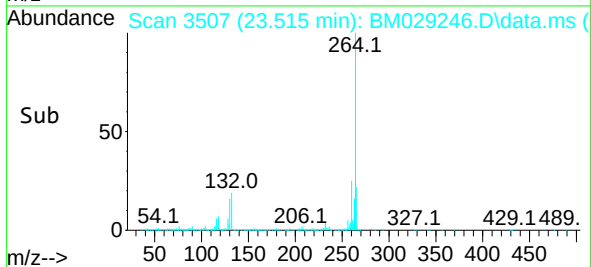
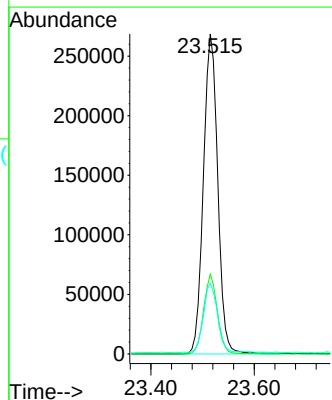
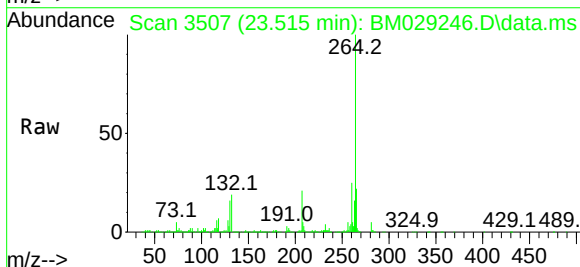
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

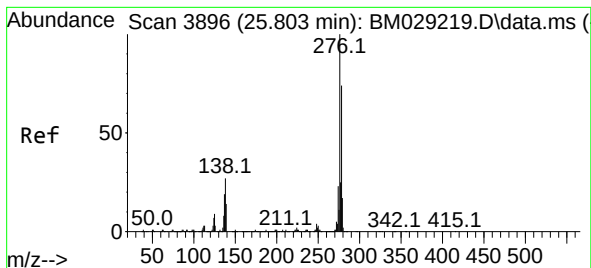
Tgt Ion:149 Resp: 196187
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 13.7 9.8 14.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:264 Resp: 517390
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.0 17.8 26.8

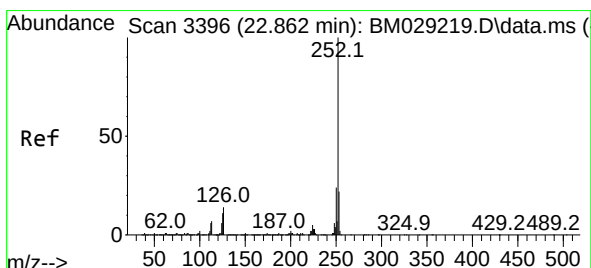
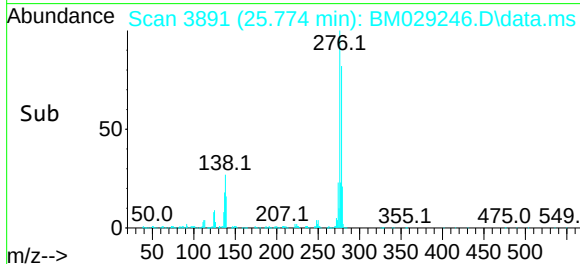
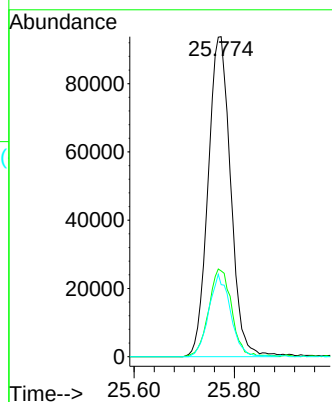
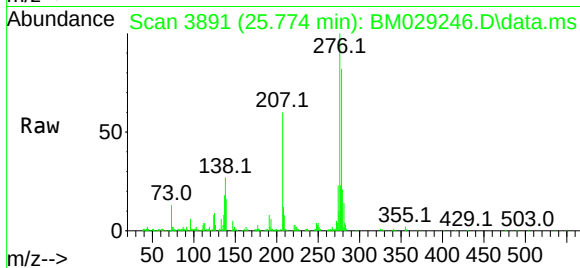




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.73 ng
RT: 25.774 min Scan# 3891
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

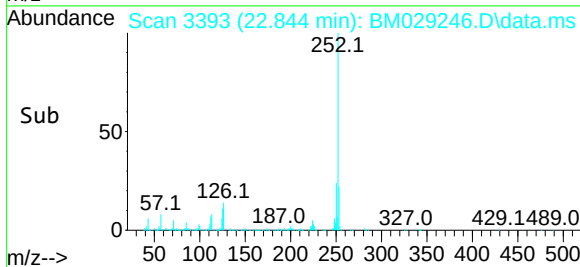
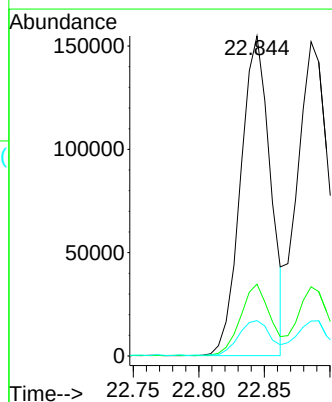
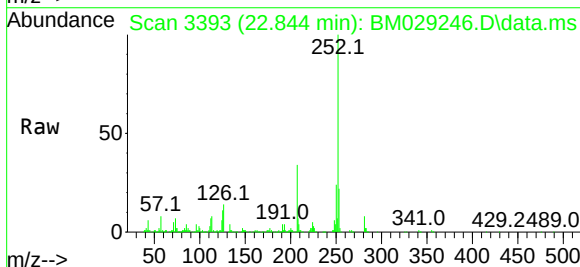
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

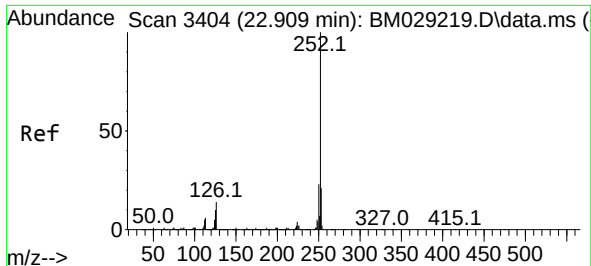
Tgt Ion:276 Resp: 292373
Ion Ratio Lower Upper
276 100
138 27.8 22.6 34.0
277 24.7 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 7.26 ng
RT: 22.844 min Scan# 3393
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:252 Resp: 244289
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 11.1 9.0 13.4

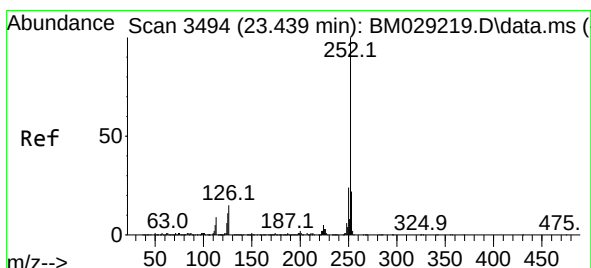
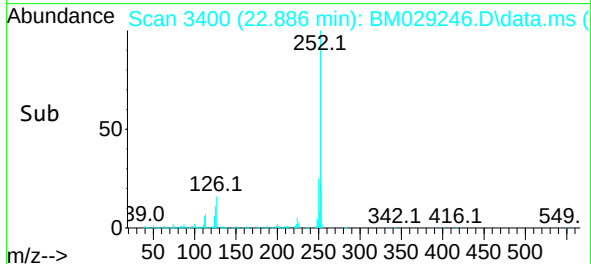
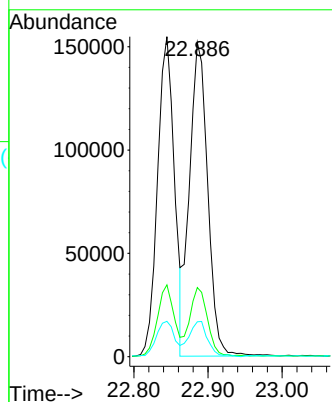
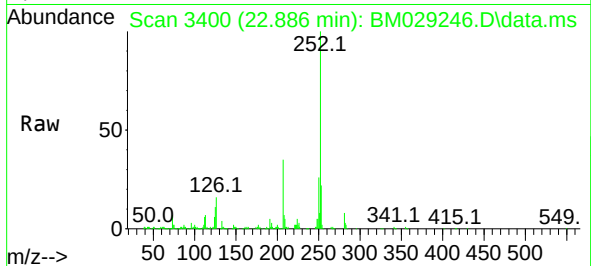




#89
Benzo(k)fluoranthene
Concen: 7.94 ng
RT: 22.886 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

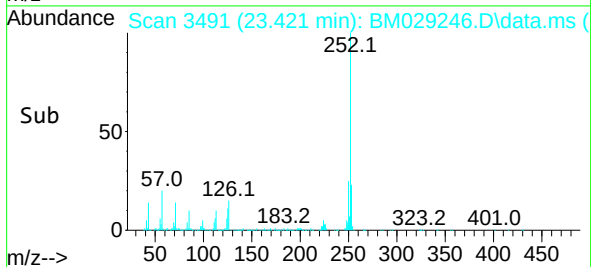
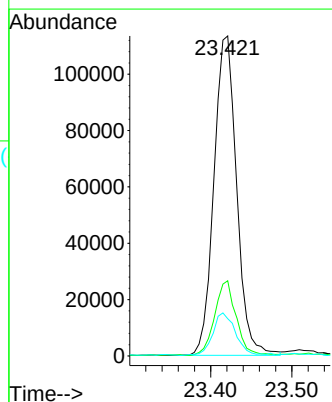
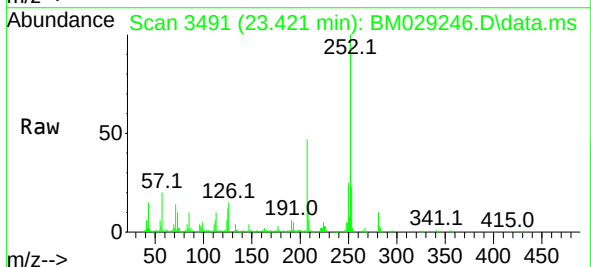
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

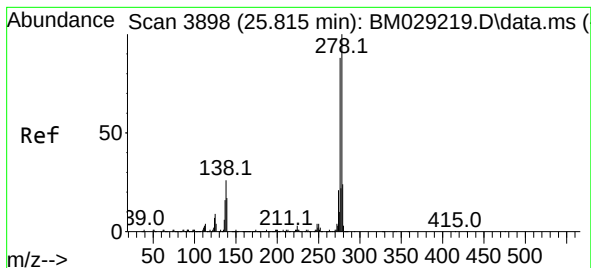
Tgt Ion:252 Resp: 259610
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 11.1 8.7 13.1



#90
Benzo(a)pyrene
Concen: 7.23 ng
RT: 23.421 min Scan# 3491
Delta R.T. -0.000 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:252 Resp: 220551
Ion Ratio Lower Upper
252 100
253 23.5 17.0 25.4
125 11.7 9.5 14.3

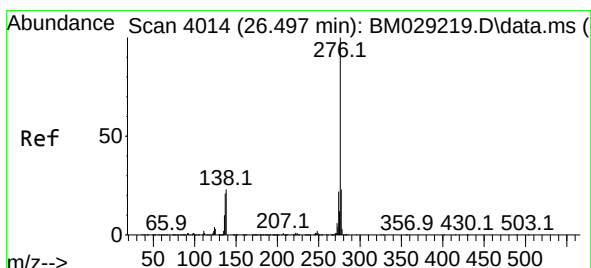
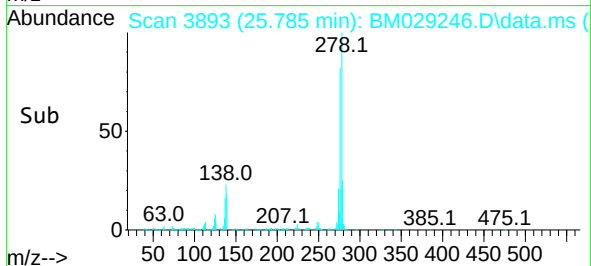
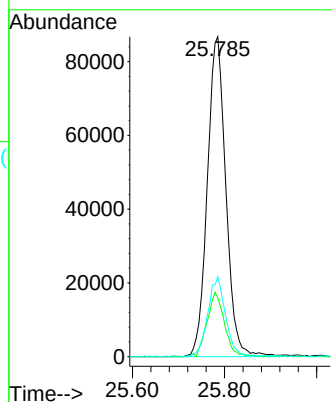
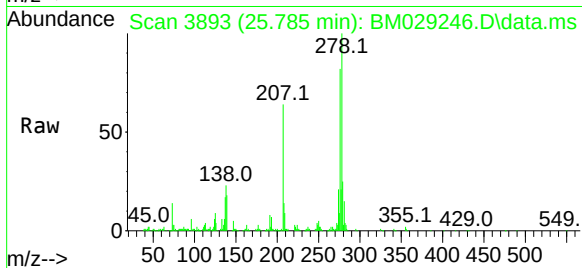




#91
Dibenzo(a,h)anthracene
Concen: 7.51 ng
RT: 25.785 min Scan# 3893
Delta R.T. -0.006 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT1-2021

Tgt Ion:278 Resp: 243333
Ion Ratio Lower Upper
278 100
139 18.4 14.8 22.2
279 25.0 19.3 28.9



#92
Benzo(g,h,i)perylene
Concen: 7.71 ng
RT: 26.456 min Scan# 4007
Delta R.T. -0.018 min
Lab File: BM029246.D
Acq: 29 Mar 2021 14:01

Tgt Ion:276 Resp: 244776
Ion Ratio Lower Upper
276 100
277 24.4 18.7 28.1
138 24.7 19.0 28.4

