

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
 Data File : BM027685.D
 Acq On : 03 Nov 2020 11:57
 Operator : JU/CG
 Sample : L4214-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Quant Time: Nov 03 12:45:33 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:06:47 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.398	152	29901	20.00	ng	0.00
21) Naphthalene-d8	11.239	136	110011	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	68408	20.00	ng	0.00
64) Phenanthrene-d10	17.721	188	151557	20.00	ng	0.00
76) Chrysene-d12	21.827	240	151101	20.00	ng	0.00
86) Perylene-d12	24.280	264	154069	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	277321	146.54	ng	0.00
7) Phenol-d6	7.522	99	368659	138.61	ng	0.00
23) Nitrobenzene-d5	9.575	82	286187	118.68	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	137120	167.86	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	579597	120.90	ng	0.00
79) Terphenyl-d14	20.286	244	889262	116.09	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.575	88	6376	7.85	ng	# 71
3) Pyridine	4.022	79	17420	7.48	ng	# 45
4) n-Nitrosodimethylamine	3.922	42	11583	8.02	ng	# 44
6) Aniline	7.698	93	25050	8.35	ng	95
8) 2-Chlorophenol	7.951	128	14931	7.86	ng	94
9) Benzaldehyde	7.510	77	16573	12.10	ng	90
10) Phenol	7.545	94	19590	7.79	ng	92
11) bis(2-Chloroethyl)ether	7.798	93	14821	7.68	ng	# 80
12) 1,3-Dichlorobenzene	8.287	146	17856	7.70	ng	93
13) 1,4-Dichlorobenzene	8.440	146	17744	7.61	ng	99
14) 1,2-Dichlorobenzene	8.763	146	17017	7.67	ng	97
15) Benzyl Alcohol	8.628	79	16602	7.80	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.928	45	23464	7.60	ng	73
17) 2-Methylphenol	8.828	107	13225	7.82	ng	98
18) Hexachloroethane	9.510	117	7143	7.74	ng	92
19) n-Nitroso-di-n-propyla...	9.204	70	13523	7.77	ng	# 66
20) 3+4-Methylphenols	9.157	107	17145	7.63	ng	97
22) Acetophenone	9.228	105	25856	8.28	ng	# 80
24) Nitrobenzene	9.616	77	22307	8.99	ng	96
25) Isophorone	10.139	82	35470	8.48	ng	99
26) 2-Nitrophenol	10.334	139	6400	7.84	ng	# 87
27) 2,4-Dimethylphenol	10.381	122	15814	9.87	ng	99
28) bis(2-Chloroethoxy)met...	10.622	93	20319	8.07	ng	95
29) 2,4-Dichlorophenol	10.869	162	13398	7.73	ng	97
30) 1,2,4-Trichlorobenzene	11.098	180	16499	7.81	ng	99
31) Naphthalene	11.292	128	48261	8.30	ng	98
32) Benzoic acid	10.422	122	4165	4.42	ng	96
33) 4-Chloroaniline	11.381	127	19930	7.79	ng	96
34) Hexachlorobutadiene	11.580	225	10971	8.01	ng	96
35) Caprolactam	12.104	113	4220	7.30	ng	# 51
36) 4-Chloro-3-methylphenol	12.469	107	15928	7.90	ng	93
37) 2-Methylnaphthalene	12.875	142	35334	8.57	ng	96
38) 1-Methylnaphthalene	13.086	142	32078	8.20	ng	95
40) 1,2,4,5-Tetrachloroben...	13.227	216	18618	8.61	ng	# 98
41) Hexachlorocyclopentadiene	13.216	237	11492	9.77	ng	88
43) 2,4,6-Trichlorophenol	13.457	196	10811	7.70	ng	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
 Data File : BM027685.D
 Acq On : 03 Nov 2020 11:57
 Operator : JU/CG
 Sample : L4214-03
 Misc : MDL-MDL-SOIL-8PPM
 ALS Vial : 6 Sample Multiplier: 1

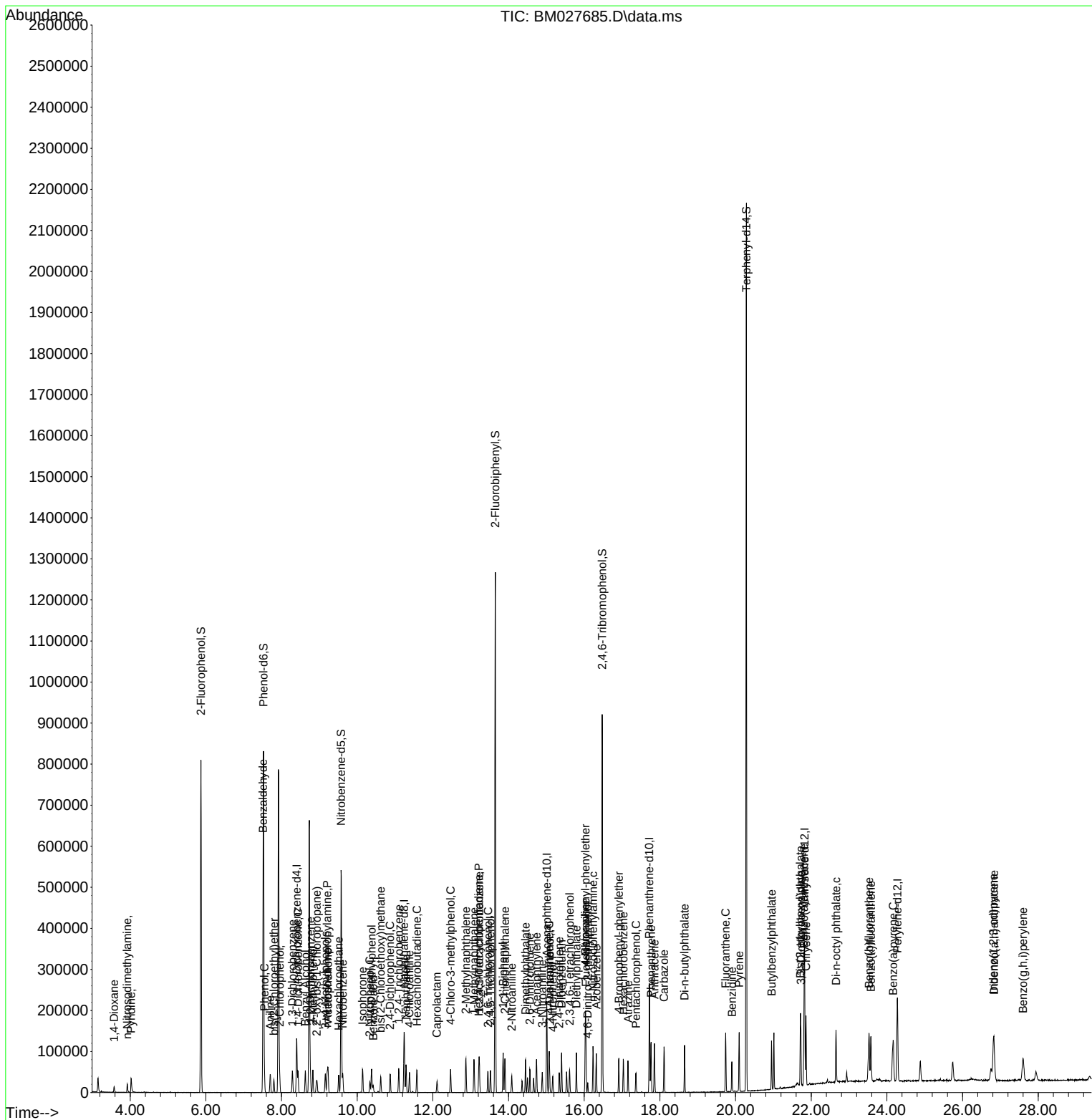
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

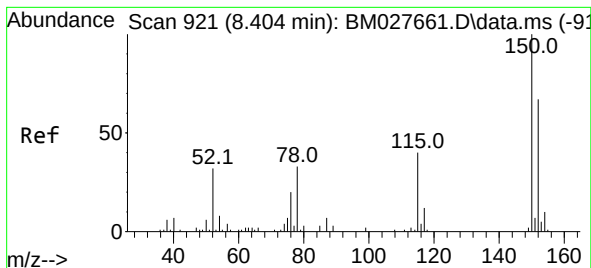
Quant Time: Nov 03 12:45:33 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:06:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	12203	8.11	ng	# 91
46) 1,1'-Biphenyl	13.857	154	44677	8.55	ng	98
47) 2-Chloronaphthalene	13.904	162	34598	7.99	ng	94
48) 2-Nitroaniline	14.086	65	10013	6.87	ng	99
49) Acenaphthylene	14.739	152	53418	8.17	ng	98
50) Dimethylphthalate	14.451	163	44008	8.03	ng	99
51) 2,6-Dinitrotoluene	14.563	165	8688	8.07	ng	# 78
52) Acenaphthene	15.074	154	34154	7.97	ng	98
53) 3-Nitroaniline	14.892	138	8524	6.98	ng	# 87
54) 2,4-Dinitrophenol	15.086	184	3412	7.50	ng	# 1
55) Dibenzofuran	15.404	168	53411	8.37	ng	95
56) 4-Nitrophenol	15.169	139	6978	7.05	ng	# 89
57) 2,4-Dinitrotoluene	15.339	165	10586	7.26	ng	# 78
58) Fluorene	16.045	166	43724	8.36	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.616	232	10561	8.00	ng	94
60) Diethylphthalate	15.792	149	44828	8.02	ng	97
61) 4-Chlorophenyl-phenyle...	16.033	204	22268	8.27	ng	94
62) 4-Nitroaniline	16.033	138	8855	6.40	ng	90
63) Azobenzene	16.321	77	48186	8.33	ng	# 83
65) 4,6-Dinitro-2-methylph...	16.092	198	5072	8.31	ng	# 76
66) n-Nitrosodiphenylamine	16.233	169	36975	8.08	ng	98
67) 4-Bromophenyl-phenylether	16.915	248	13127	8.10	ng	# 85
68) Hexachlorobenzene	17.033	284	15255	8.11	ng	93
69) Atrazine	17.162	200	12055	7.78	ng	98
70) Pentachlorophenol	17.368	266	7934	7.79	ng	97
71) Phenanthrene	17.768	178	69412	8.11	ng	97
72) Anthracene	17.857	178	69339	8.29	ng	97
73) Carbazole	18.109	167	62671	7.89	ng	96
74) Di-n-butylphthalate	18.651	149	71388	7.65	ng	# 98
75) Fluoranthene	19.739	202	80069	7.97	ng	98
77) Benzidine	19.903	184	37582	8.74	ng	97
78) Pyrene	20.098	202	83520	7.97	ng	98
80) Butylbenzylphthalate	20.950	149	28914	7.29	ng	92
81) Benzo(a)anthracene	21.809	228	81853	8.02	ng	97
82) 3,3'-Dichlorobenzidine	21.727	252	29553	8.44	ng	98
83) Chrysene	21.862	228	78311	7.96	ng	98
84) Bis(2-ethylhexyl)phtha...	21.709	149	45566	7.86	ng	# 94
85) Di-n-octyl phthalate	22.656	149	76956	7.86	ng	# 85
87) Indeno(1,2,3-cd)pyrene	26.815	276	87719	7.79	ng	97
88) Benzo(b)fluoranthene	23.527	252	80400	7.65	ng	100
89) Benzo(k)fluoranthene	23.580	252	81372	8.14	ng	99
90) Benzo(a)pyrene	24.168	252	72522	7.48	ng	98
91) Dibenzo(a,h)anthracene	26.832	278	72849	7.91	ng	99
92) Benzo(g,h,i)perylene	27.597	276	72628	8.06	ng	98

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

Quant Time: Nov 03 12:45:33 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 03 12:06:47 2020
Response via : Initial Calibration

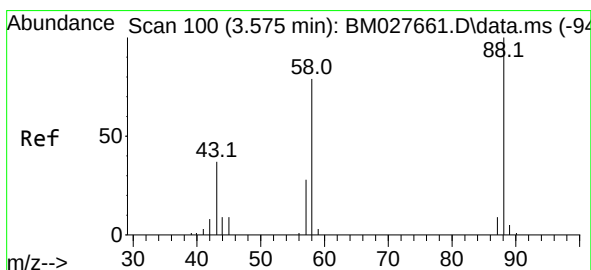
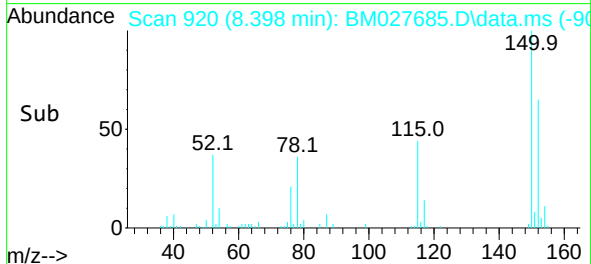
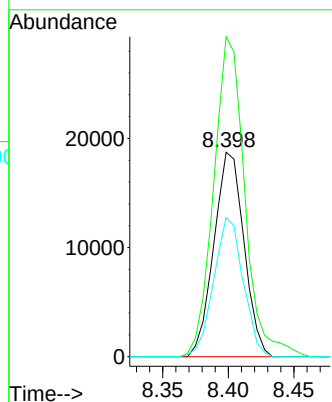
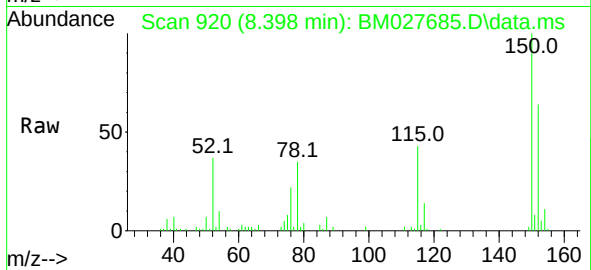




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.398 min Scan# 920
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

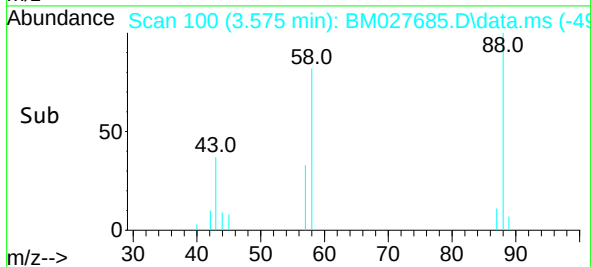
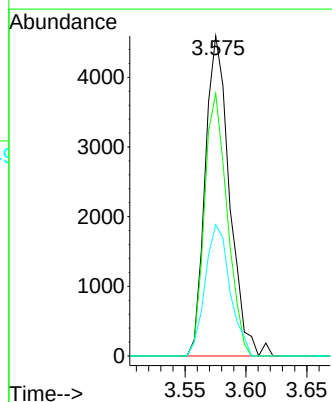
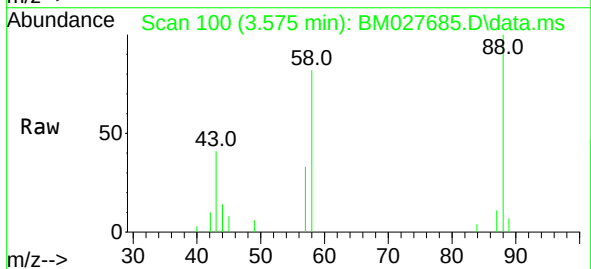
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

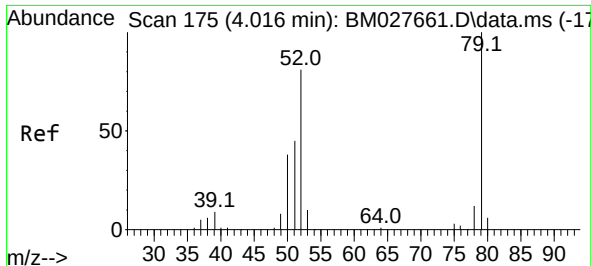
Tgt Ion:152 Resp: 29901
Ion Ratio Lower Upper
152 100
150 156.5 120.6 181.0
115 68.0 47.2 70.8



#2
1,4-Dioxane
Concen: 7.85 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 88 Resp: 6376
Ion Ratio Lower Upper
88 100
58 76.5 46.2 69.2#
43 41.8 19.0 28.6#

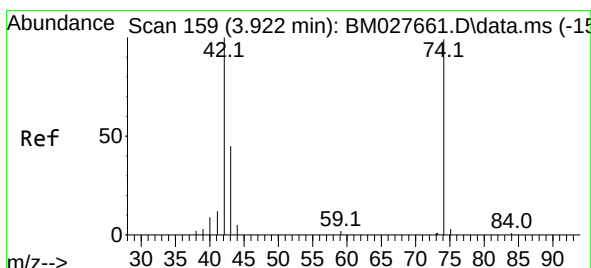
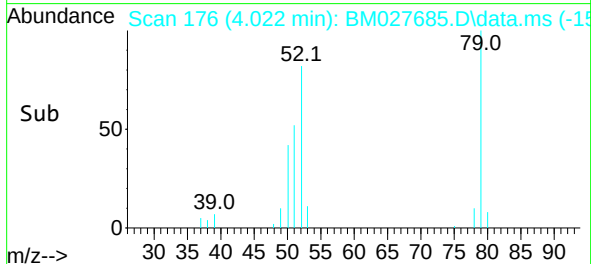
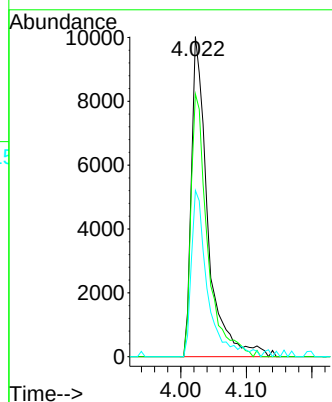
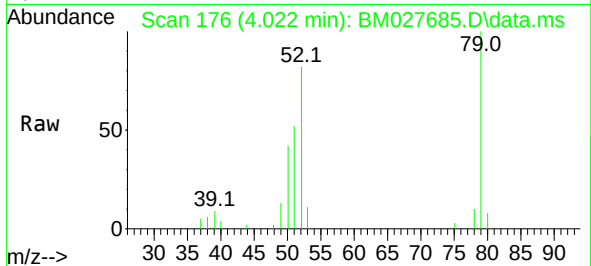




#3
Pyridine
Concen: 7.48 ng
RT: 4.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

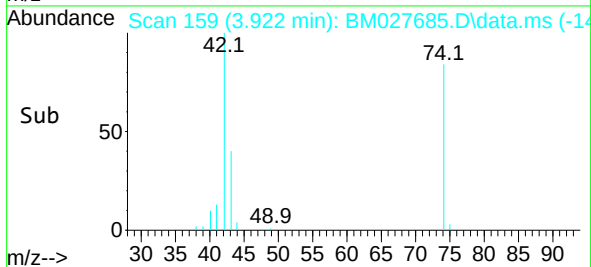
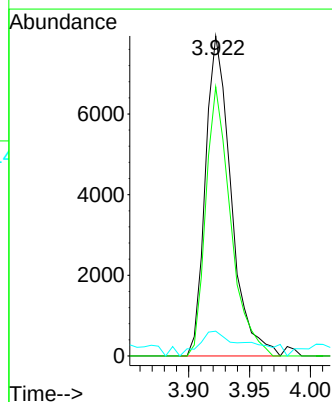
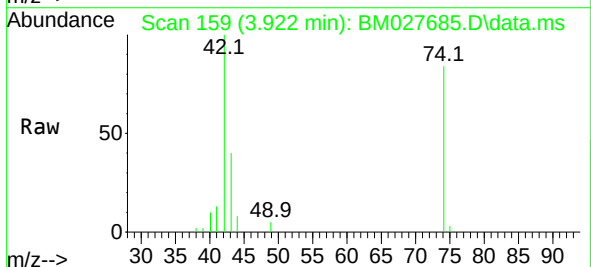
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

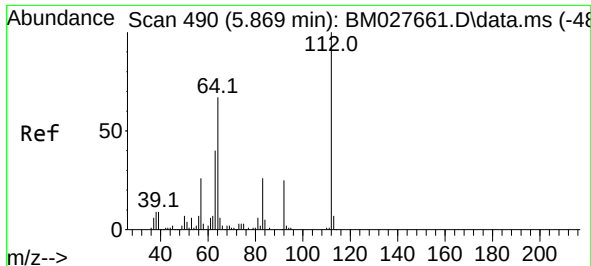
Tgt Ion: 79 Resp: 17420
Ion Ratio Lower Upper
79 100
52 82.1 35.8 53.8#
51 52.0 21.0 31.6#



#4
n-Nitrosodimethylamine
Concen: 8.02 ng
RT: 3.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 42 Resp: 11583
Ion Ratio Lower Upper
42 100
74 84.1 127.8 191.6#
44 7.8 4.1 6.1#

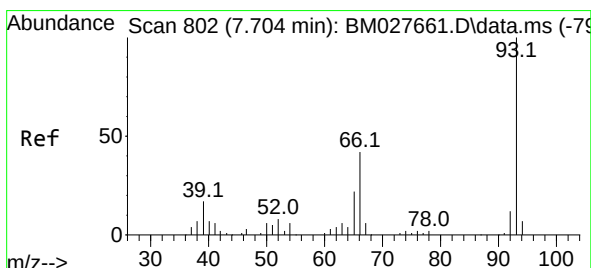
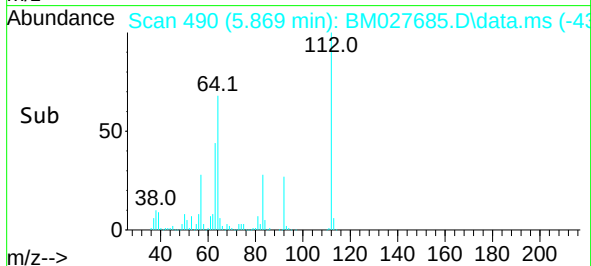
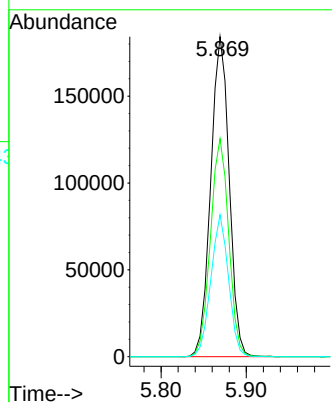
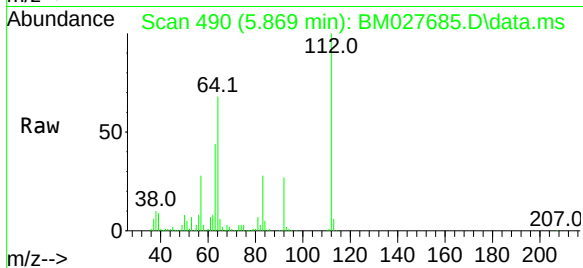




#5
2-Fluorophenol
Concen: 146.54 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

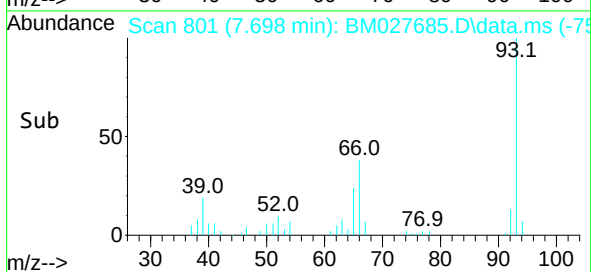
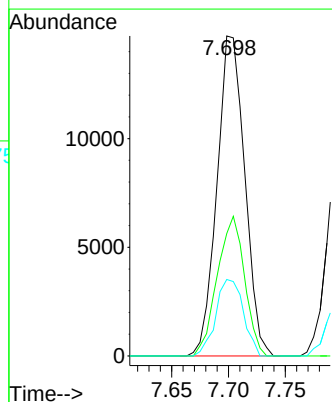
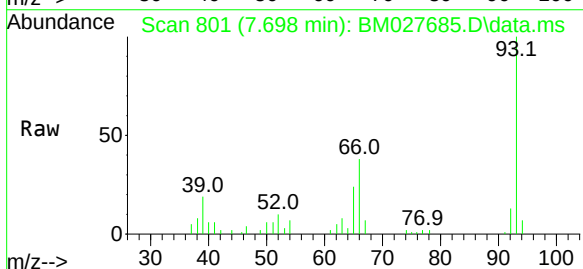
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

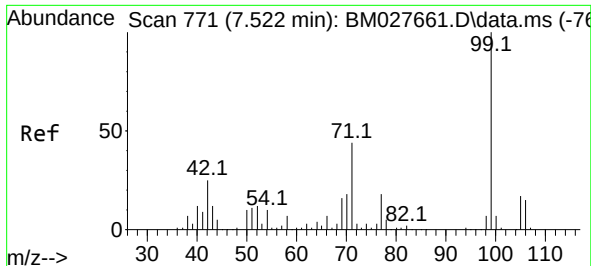
Tgt Ion:	112	Resp:	277321
Ion	Ratio	Lower	Upper
112	100		
64	68.2	50.6	76.0
63	44.3	31.0	46.6



#6
Aniline
Concen: 8.35 ng
RT: 7.698 min Scan# 801
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	93	Resp:	25050
Ion	Ratio	Lower	Upper
93	100		
66	38.3	33.3	49.9
65	23.9	17.4	26.0

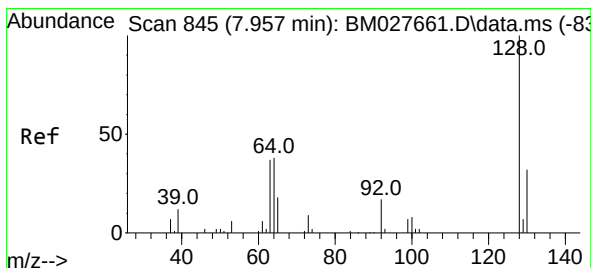
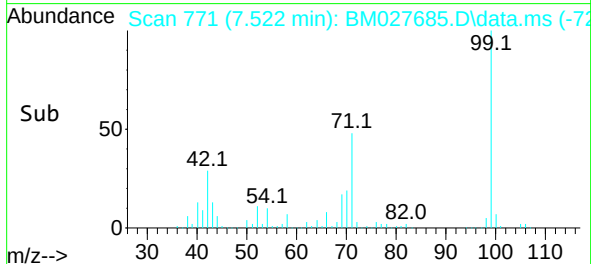
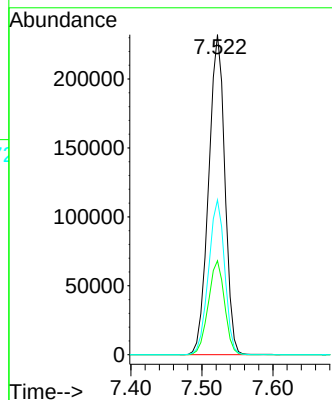
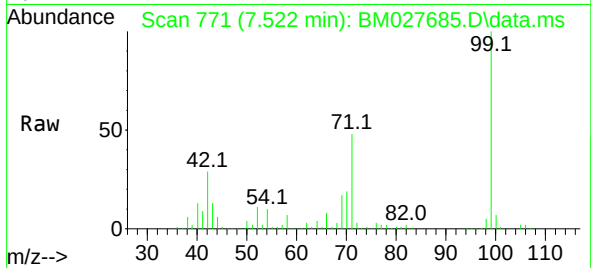




#7
Phenol-d6
Concen: 138.61 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

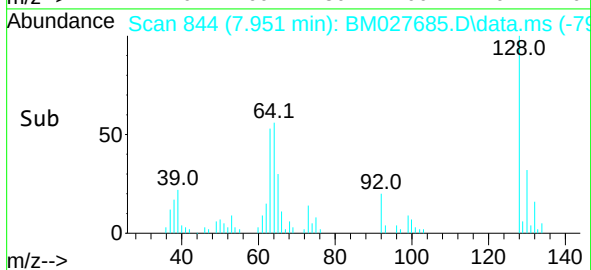
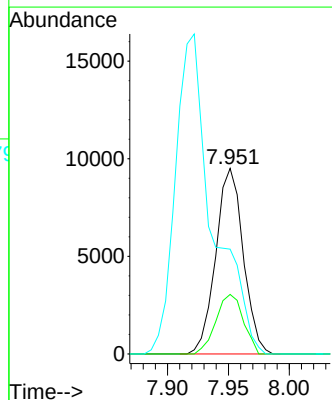
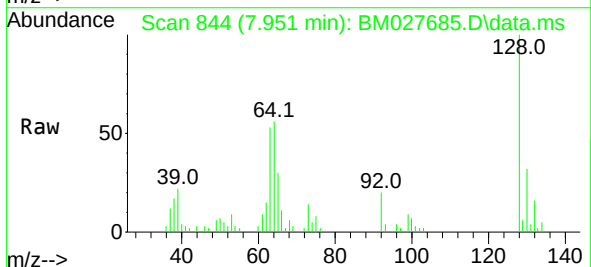
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

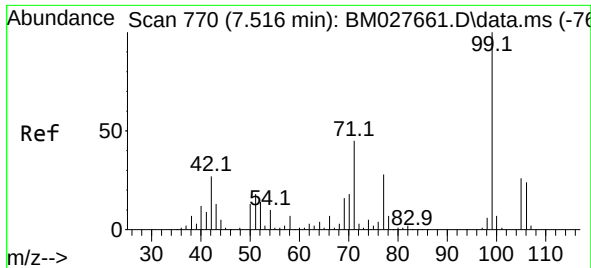
Tgt Ion: 99 Resp: 368659
Ion Ratio Lower Upper
99 100
42 29.3 13.5 20.3#
71 48.3 39.4 59.0



#8
2-Chlorophenol
Concen: 7.86 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:128 Resp: 14931
Ion Ratio Lower Upper
128 100
130 32.1 11.5 51.5
64 56.4 30.1 70.1

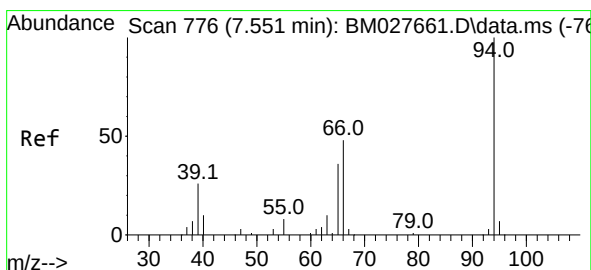
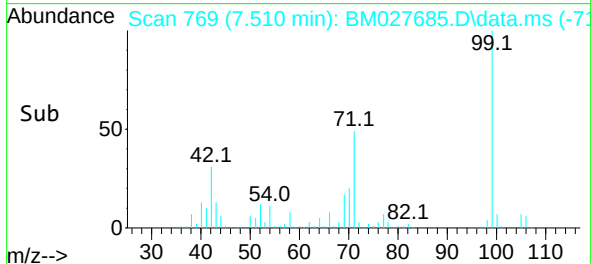
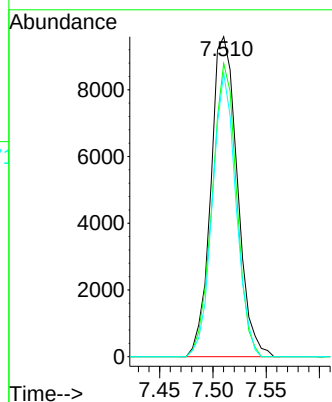
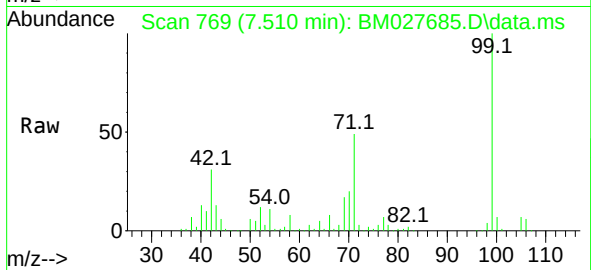




#9
Benzaldehyde
Concen: 12.10 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

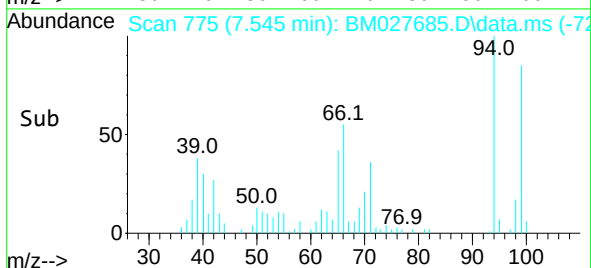
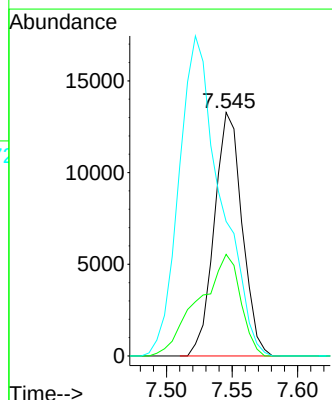
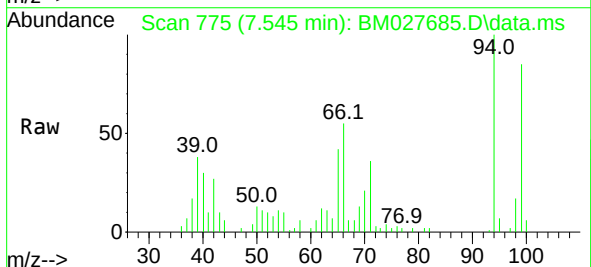
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

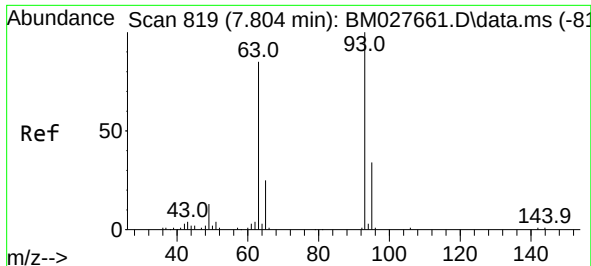
Tgt Ion:	77	Resp:	16573
Ion Ratio	Lower	Upper	
77	100		
105	91.6	64.7	104.7
106	88.6	57.5	97.5



#10
Phenol
Concen: 7.79 ng
RT: 7.545 min Scan# 775
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	94	Resp:	19590
Ion Ratio	Lower	Upper	
94	100		
65	41.7	16.4	56.4
66	55.3	30.2	70.2

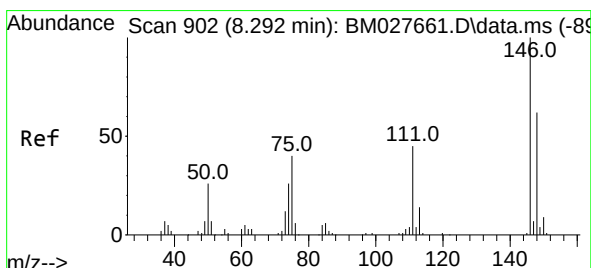
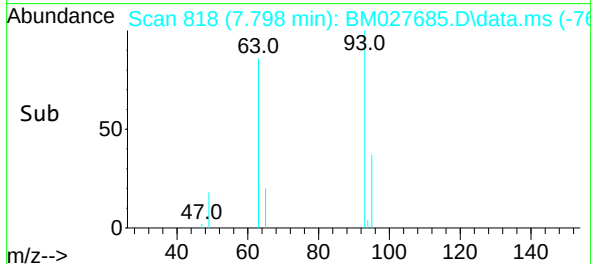
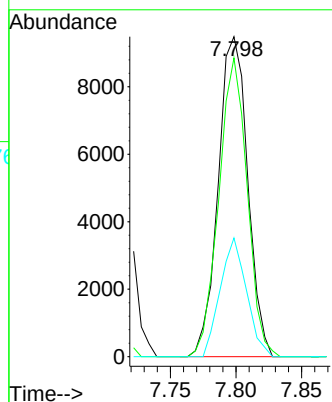
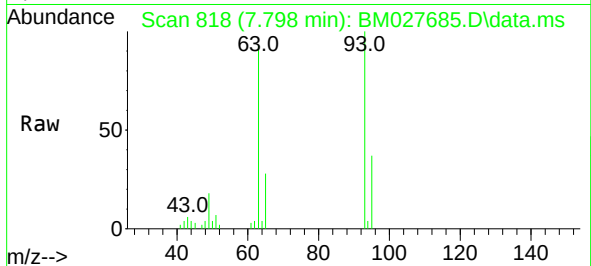




#11
bis(2-Chloroethyl)ether
Concen: 7.68 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

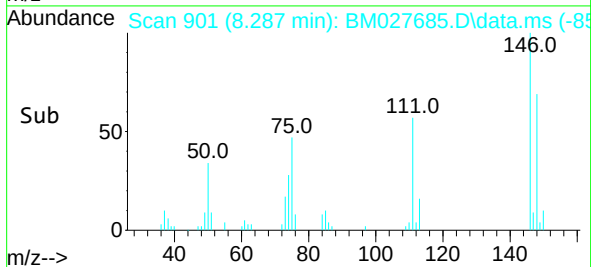
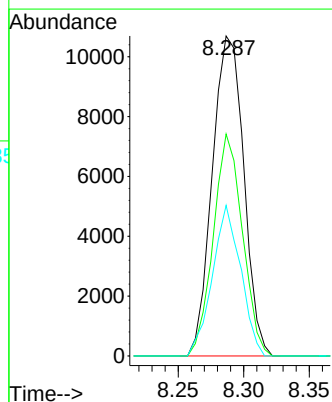
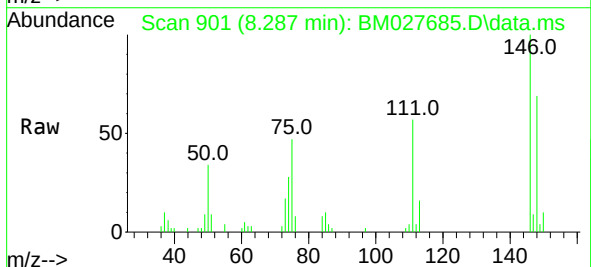
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

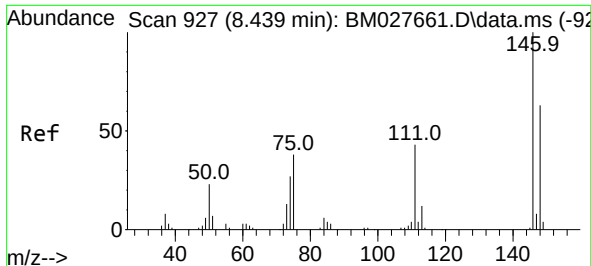
Tgt Ion: 93	Resp: 14821
Ion Ratio	Lower Upper
93 100	
63 93.4	53.1 93.1#
95 37.1	12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 7.70 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 146	Resp: 17856
Ion Ratio	Lower Upper
146 100	
148 69.4	51.6 77.4
75 47.0	33.0 49.6

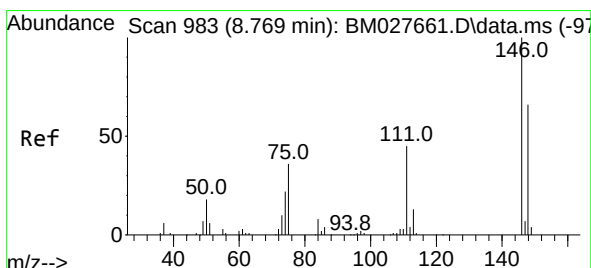
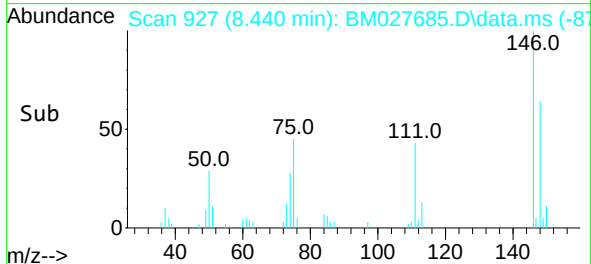
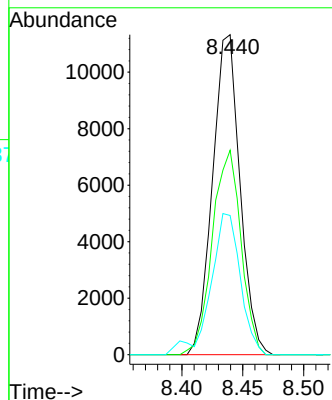
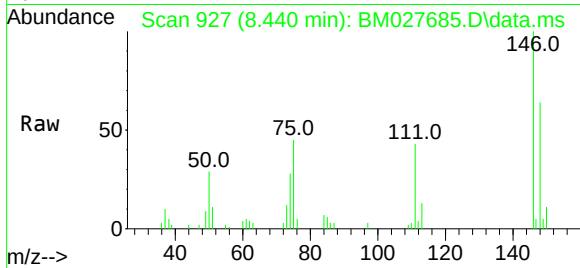




#13
1,4-Dichlorobenzene
Concen: 7.61 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.001 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

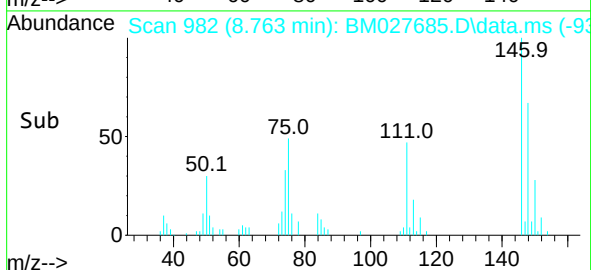
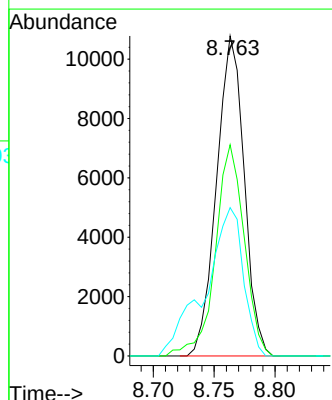
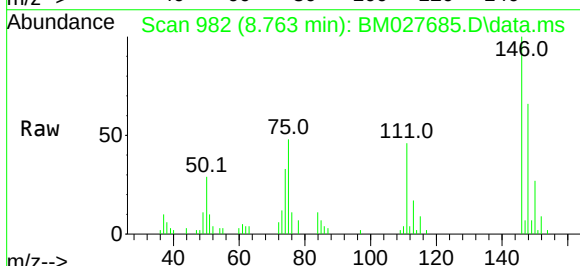
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

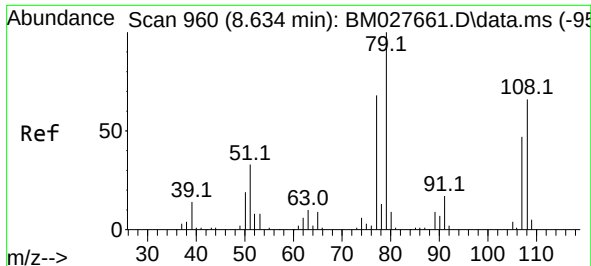
Tgt Ion:146 Resp: 17744
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.0
111 43.5 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 7.67 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:146 Resp: 17017
Ion Ratio Lower Upper
146 100
148 66.0 51.3 76.9
111 46.3 35.4 53.0

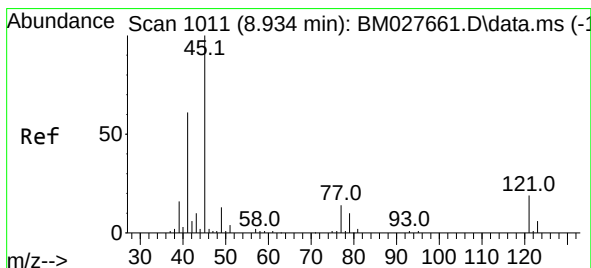
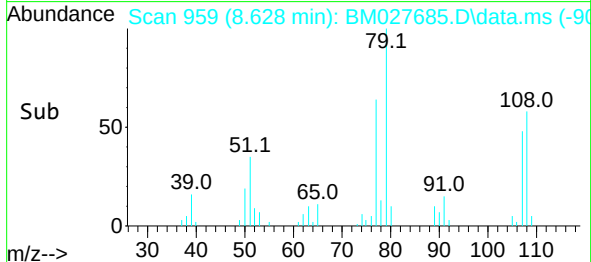
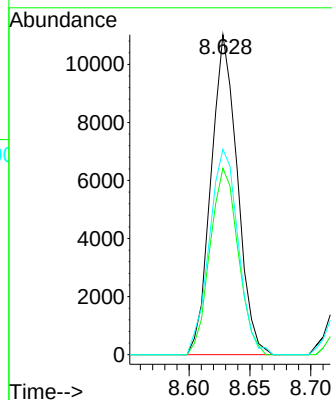
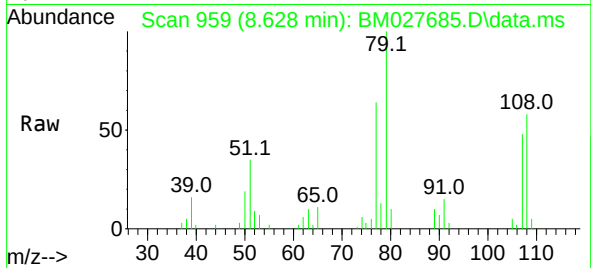




#15
Benzyl Alcohol
Concen: 7.80 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

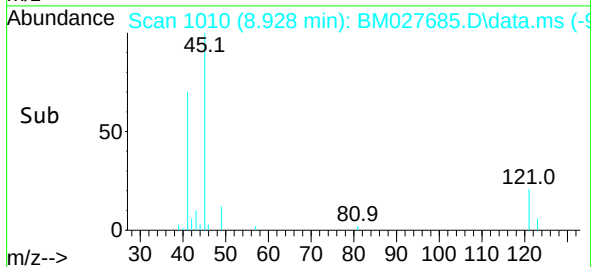
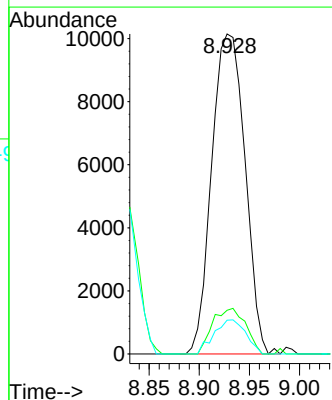
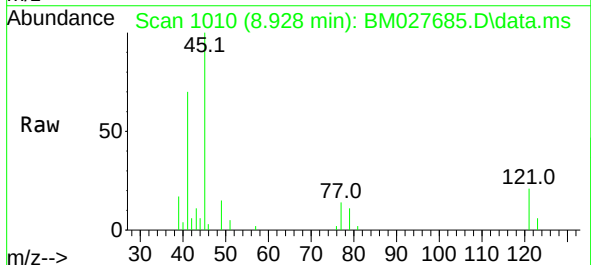
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

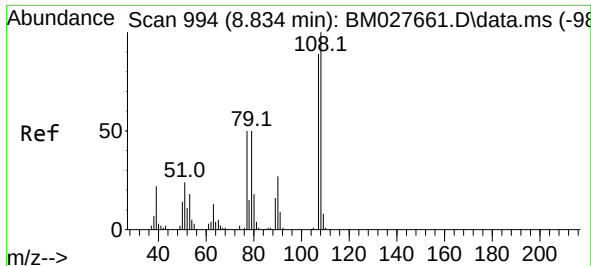
Tgt Ion:	79	Resp:	16602
Ion Ratio	Lower	Upper	
79	100		
108	58.3	49.0	73.4
77	64.1	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.60 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	45	Resp:	23464
Ion Ratio	Lower	Upper	
45	100		
77	13.6	9.5	49.5
79	10.5	1.8	41.8

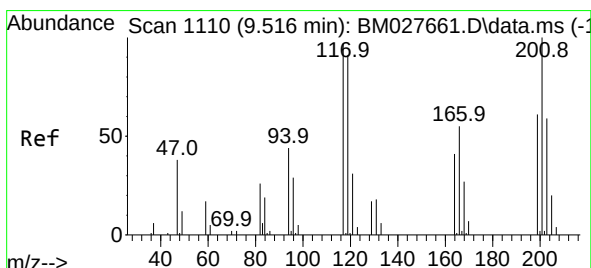
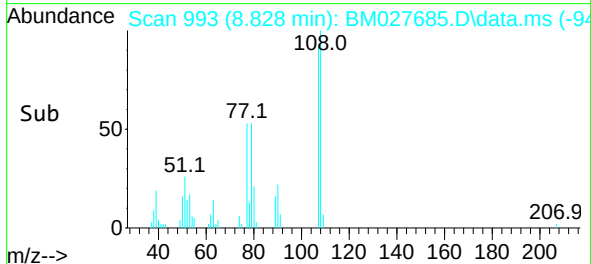
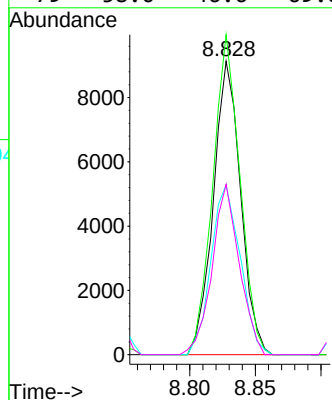
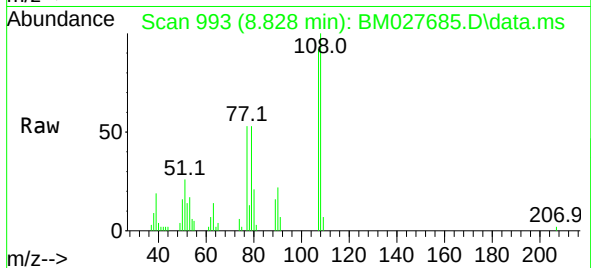




#17
2-Methylphenol
Concen: 7.82 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

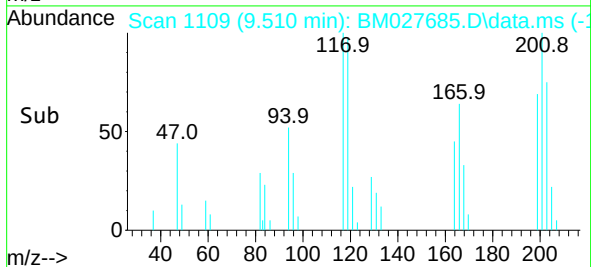
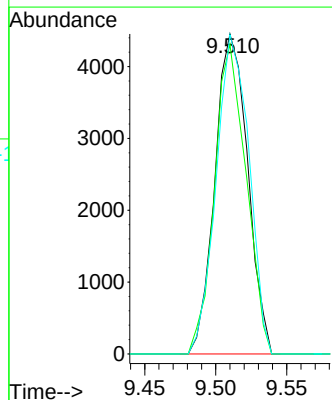
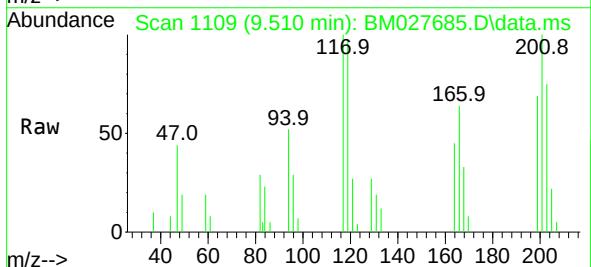
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

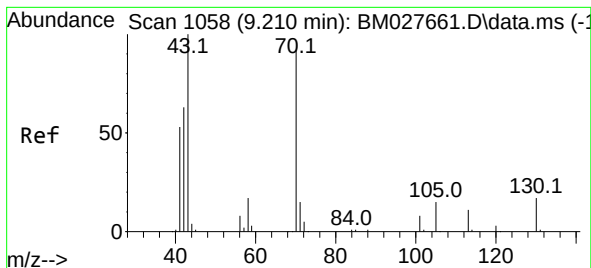
Tgt Ion:	107	Resp:	13225
Ion	Ratio	Lower	Upper
107	100		
108	109.0	87.8	131.6
77	57.9	50.9	76.3
79	58.0	46.6	69.8



#18
Hexachloroethane
Concen: 7.74 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	117	Resp:	7143
Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.1	109.7
201	99.7	88.7	133.1

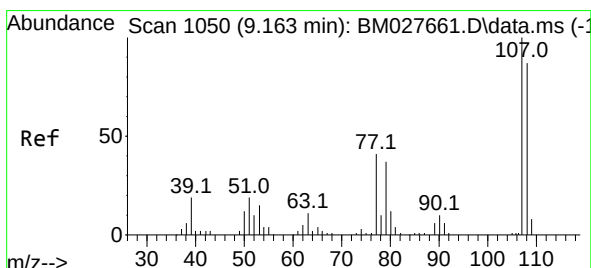
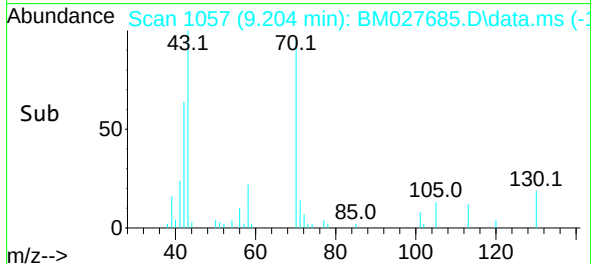
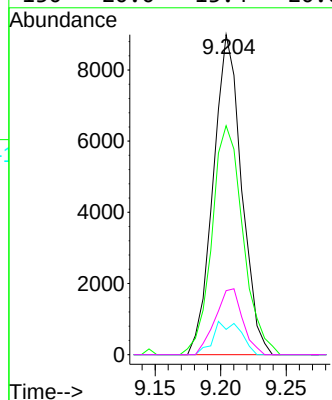
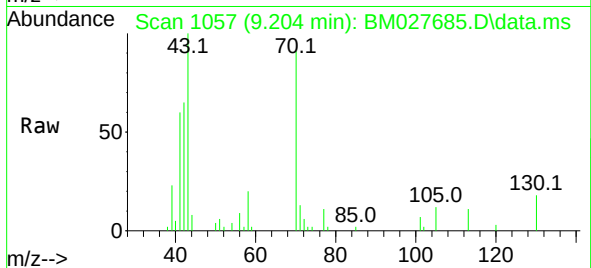




#19
n-Nitroso-di-n-propylamine
Concen: 7.77 ng
RT: 9.204 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

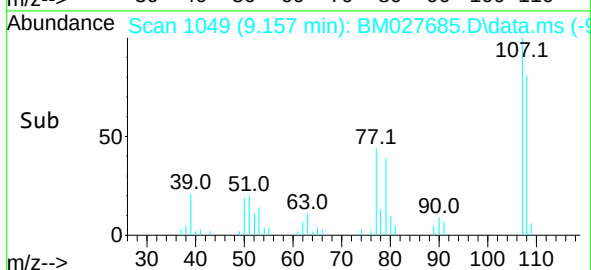
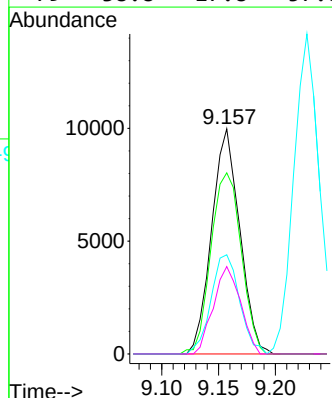
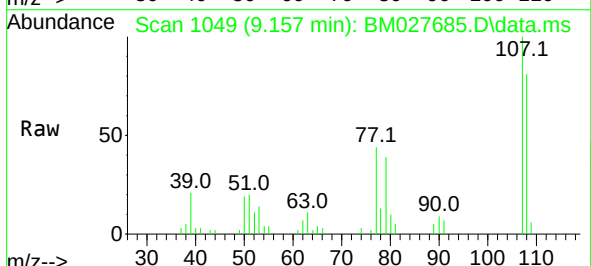
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

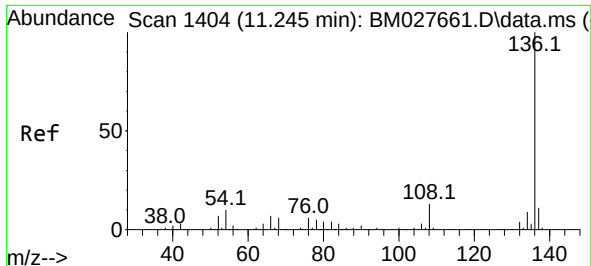
Tgt Ion:	70	Resp:	13523
Ion	Ratio	Lower	Upper
70	100		
42	71.6	31.9	47.9#
101	7.9	7.0	10.4
130	20.0	13.4	20.0



#20
3+4-Methylphenols
Concen: 7.63 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	107	Resp:	17145
Ion	Ratio	Lower	Upper
107	100		
108	80.5	64.5	104.5
77	44.1	24.2	64.2
79	38.8	17.8	57.8

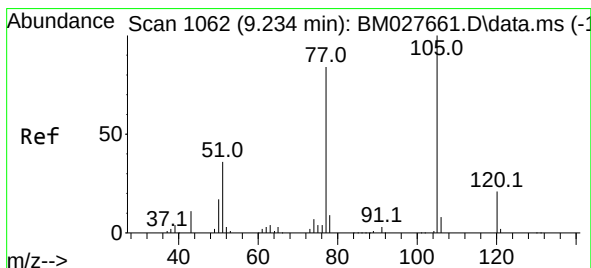
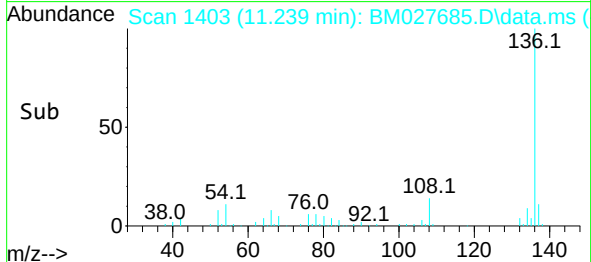
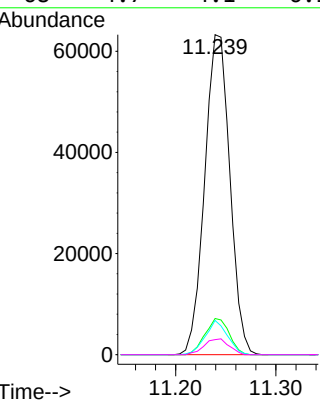
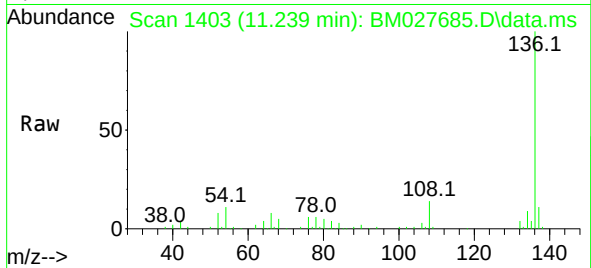




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.239 min Scan# 1403
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

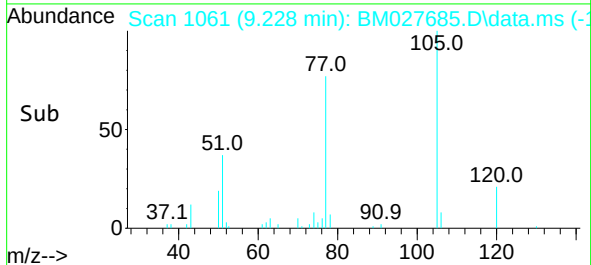
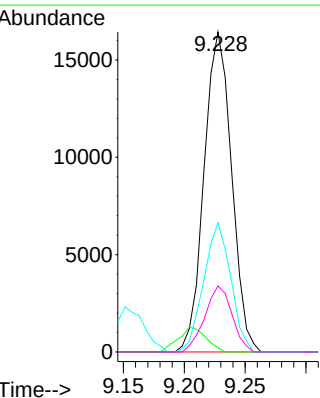
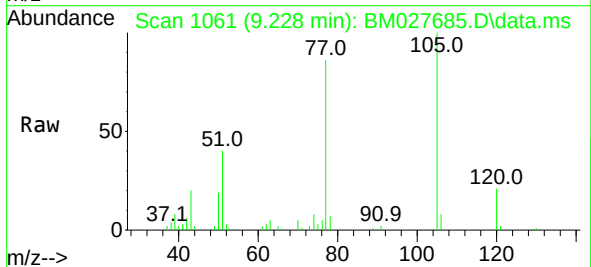
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

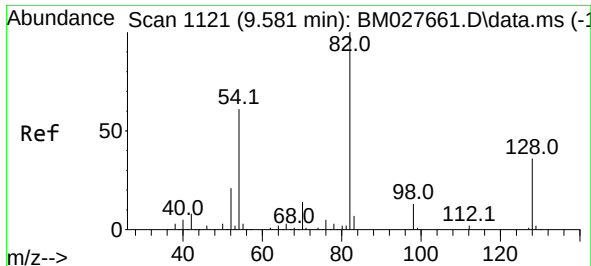
Tgt Ion:136	Resp: 110011
Ion Ratio	Lower Upper
136	100
137	11.3 8.6 12.8
54	10.7 4.6 7.0#
68	4.7 4.1 6.1



#22
Acetophenone
Concen: 8.28 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:105	Resp: 25856
Ion Ratio	Lower Upper
105	100
71	1.4 7.6 11.4#
51	40.5 18.6 28.0#
120	20.7 17.3 25.9

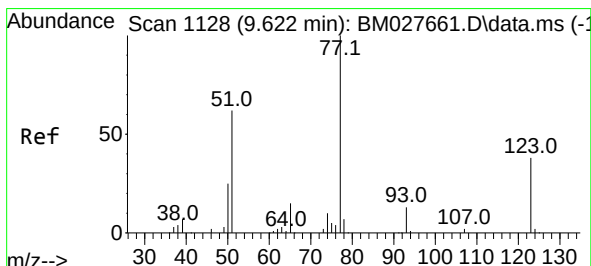
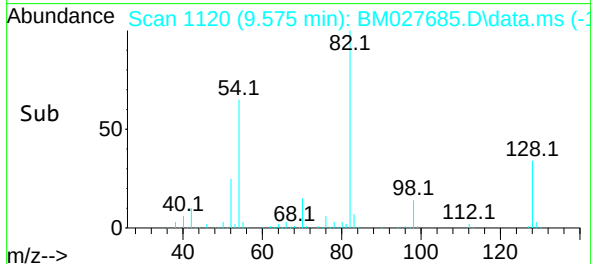
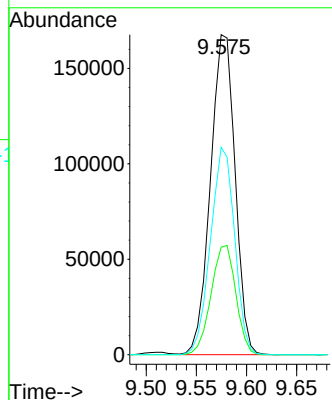
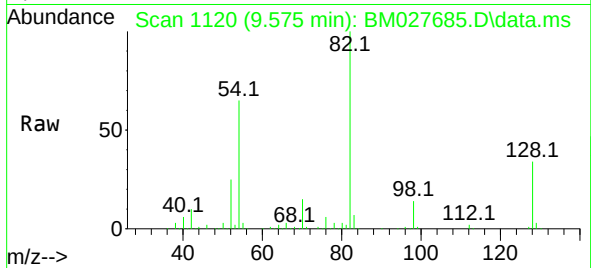




#23
Nitrobenzene-d5
Concen: 118.68 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

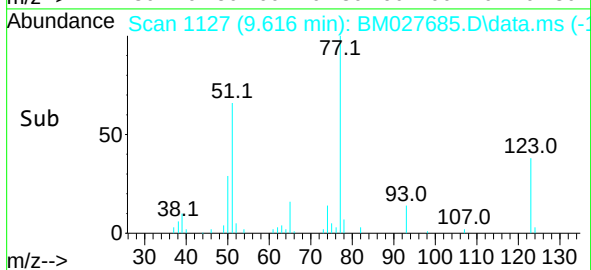
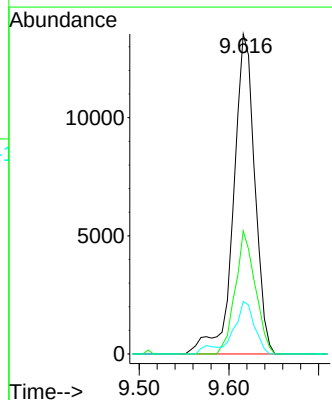
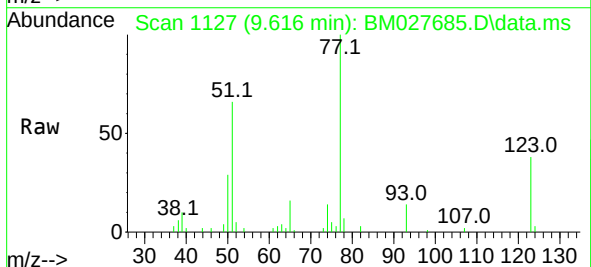
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

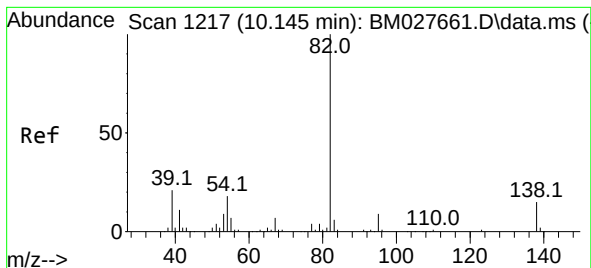
Tgt Ion: 82 Resp: 286187
Ion Ratio Lower Upper
82 100
128 33.6 27.4 41.0
54 64.8 31.4 47.0#



#24
Nitrobenzene
Concen: 8.99 ng
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 77 Resp: 22307
Ion Ratio Lower Upper
77 100
123 38.5 29.1 43.7
65 16.4 11.3 16.9





#25

Isophorone

Concen: 8.48 ng

RT: 10.139 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BM027685.D

Acq: 03 Nov 2020 11:57

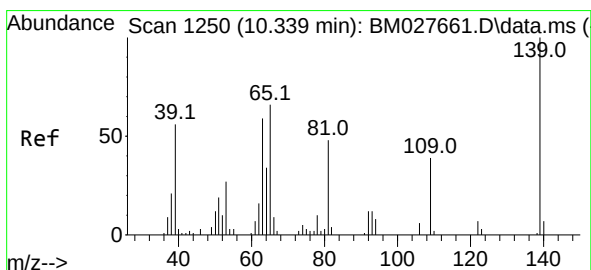
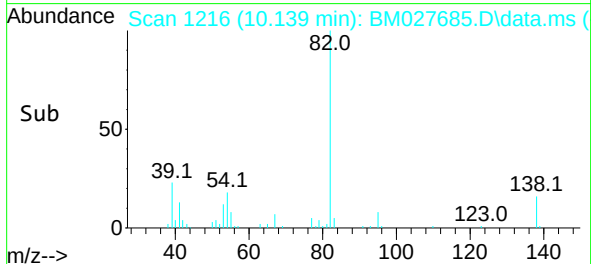
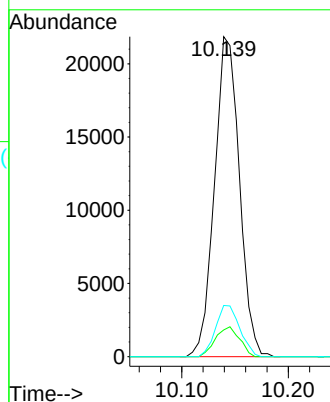
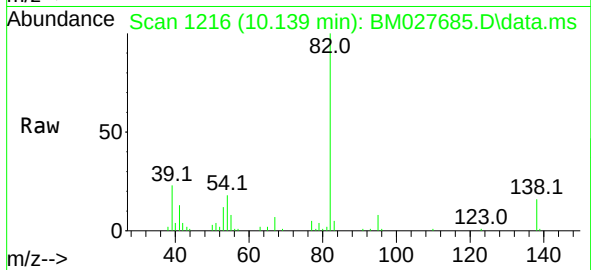
Tgt Ion:	82	Resp:	35470
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.8	10.2
138	16.0	13.1	19.7

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020



#26

2-Nitrophenol

Concen: 7.84 ng

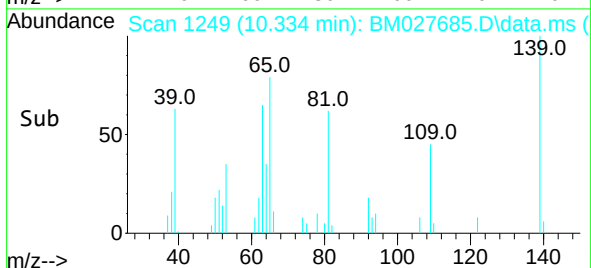
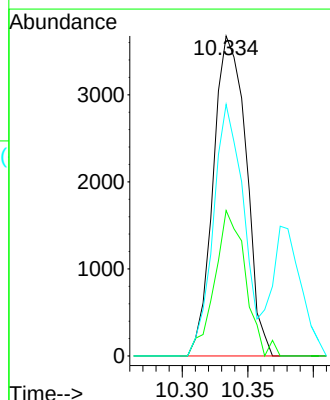
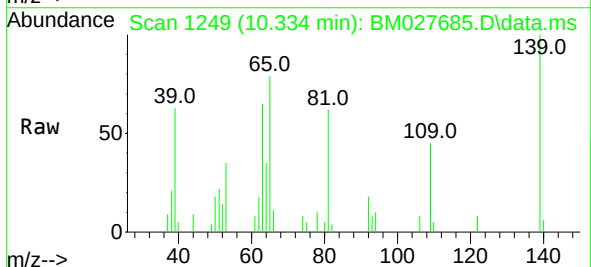
RT: 10.334 min Scan# 1249

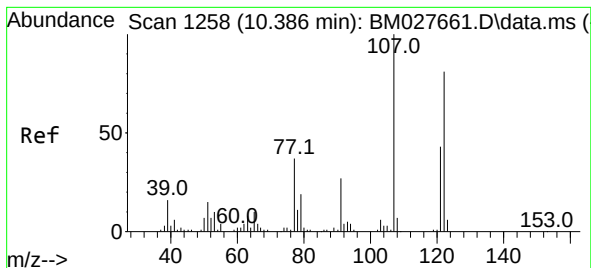
Delta R.T. -0.005 min

Lab File: BM027685.D

Acq: 03 Nov 2020 11:57

Tgt Ion:	139	Resp:	6400
Ion	Ratio	Lower	Upper
139	100		
109	45.5	33.8	50.8
65	78.6	51.0	76.6#

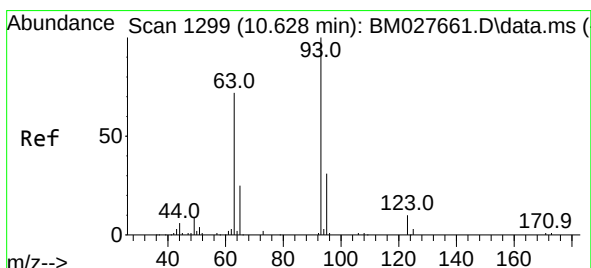
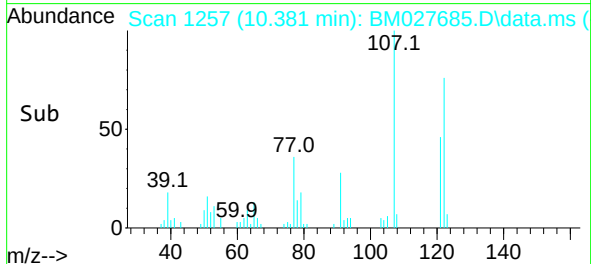
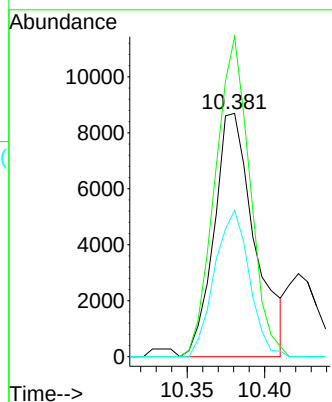
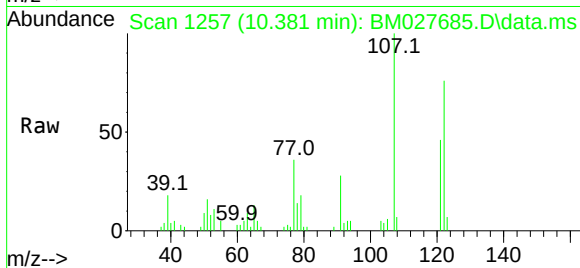




#27
2,4-Dimethylphenol
Concen: 9.87 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

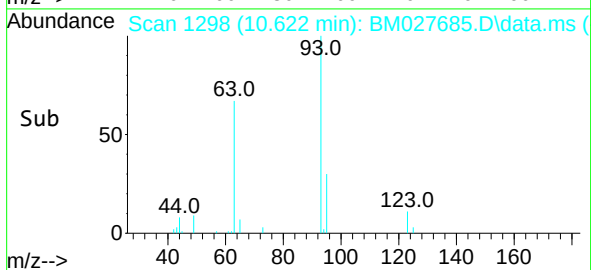
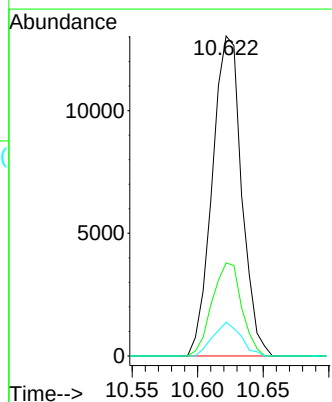
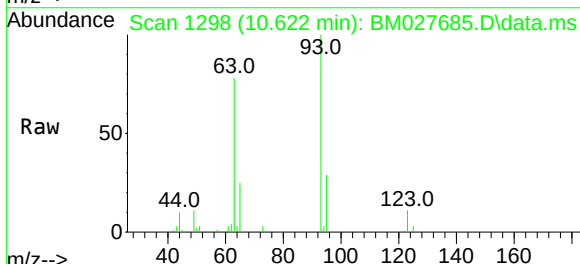
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

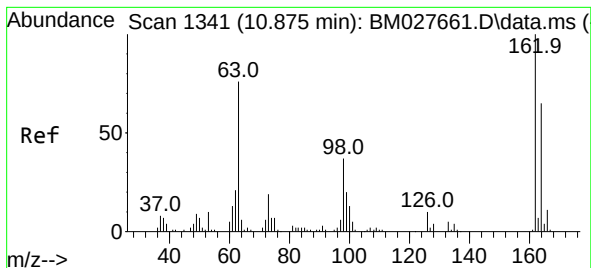
Tgt Ion:122 Resp: 15814
Ion Ratio Lower Upper
122 100
107 131.5 106.6 159.8
121 60.2 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 8.07 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 93 Resp: 20319
Ion Ratio Lower Upper
93 100
95 29.1 26.5 39.7
123 10.6 8.6 12.8

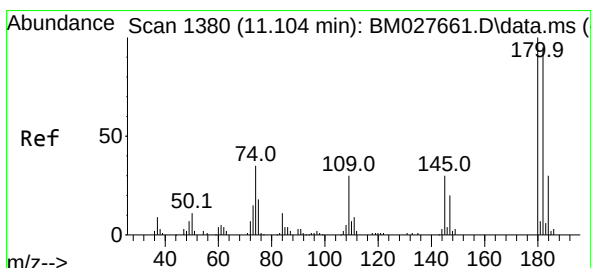
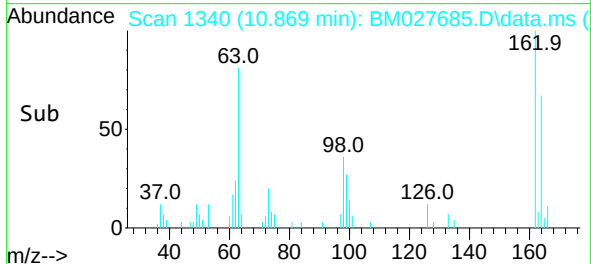
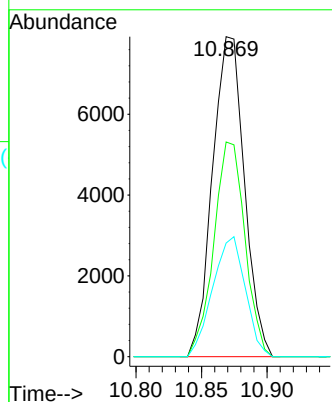
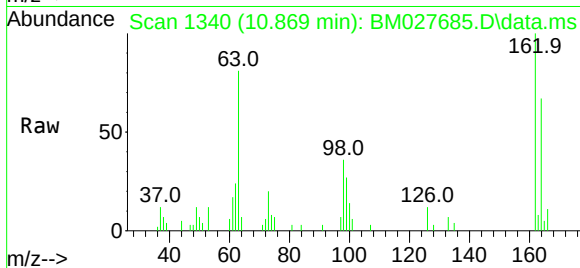




#29
2,4-Dichlorophenol
Concen: 7.73 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

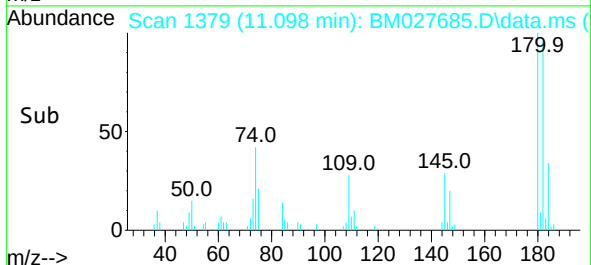
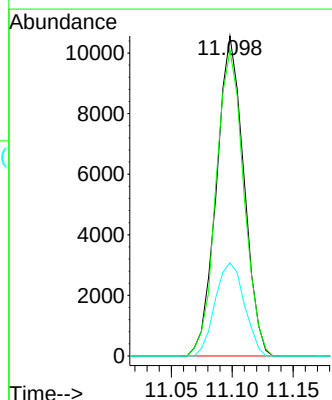
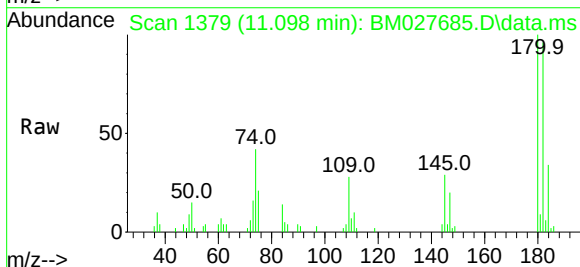
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

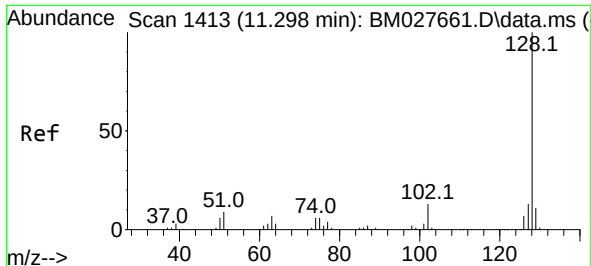
Tgt Ion:	162	Resp:	13398
Ion Ratio	Lower	Upper	
162	100		
164	67.1	43.2	83.2
98	35.5	15.7	55.7



#30
1,2,4-Trichlorobenzene
Concen: 7.81 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	180	Resp:	16499
Ion Ratio	Lower	Upper	
180	100		
182	95.5	77.7	116.5
145	29.1	23.4	35.0

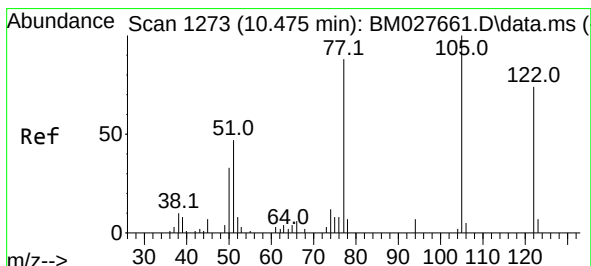
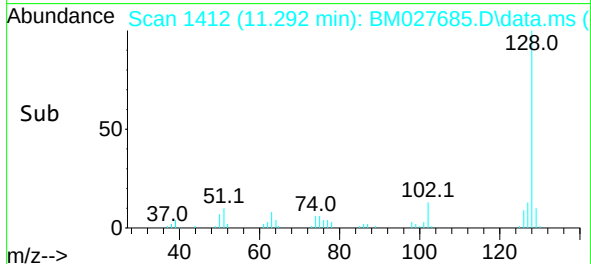
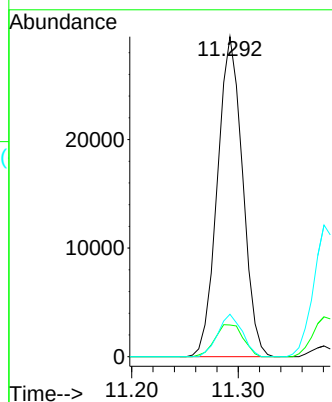
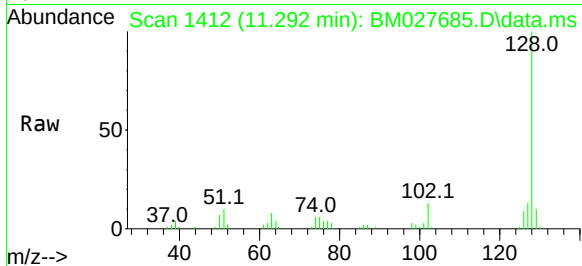




#31
Naphthalene
Concen: 8.30 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

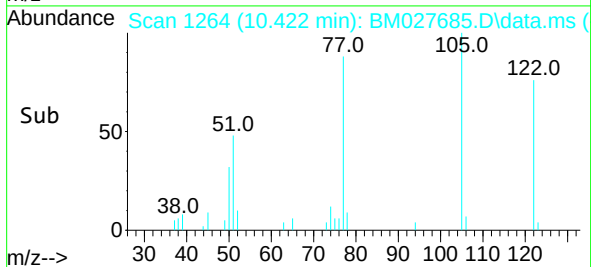
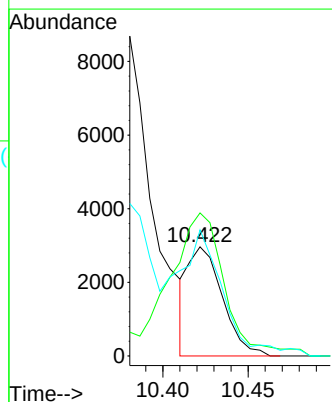
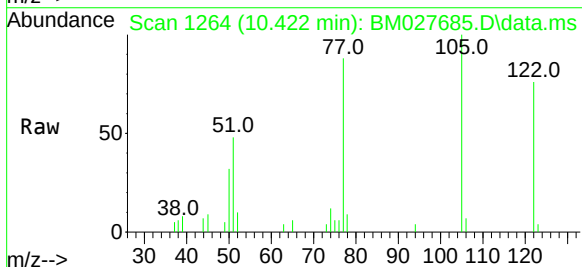
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

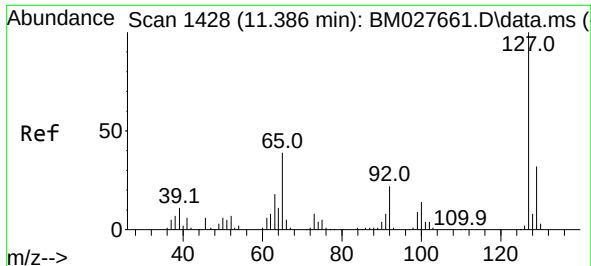
Tgt Ion:128 Resp: 48261
Ion Ratio Lower Upper
128 100
129 9.9 9.0 13.4
127 13.2 10.6 15.8



#32
Benzoic acid
Concen: 4.42 ng
RT: 10.422 min Scan# 1264
Delta R.T. -0.053 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:122 Resp: 4165
Ion Ratio Lower Upper
122 100
105 131.0 114.0 154.0
77 115.4 101.8 141.8

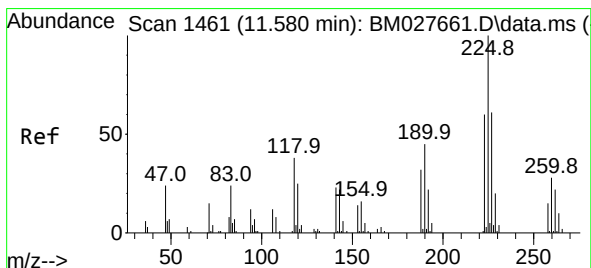
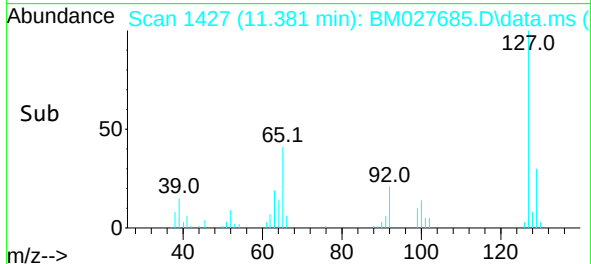
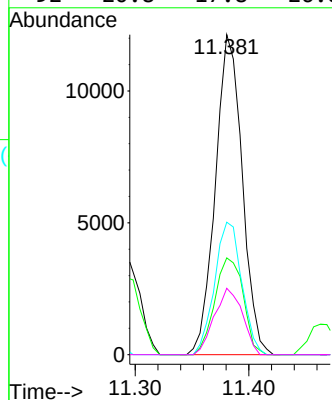
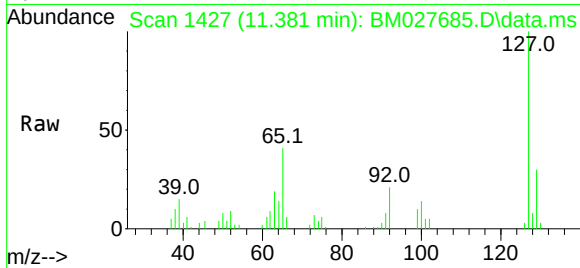




#33
4-Chloroaniline
Concen: 7.79 ng
RT: 11.381 min Scan# 1427
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

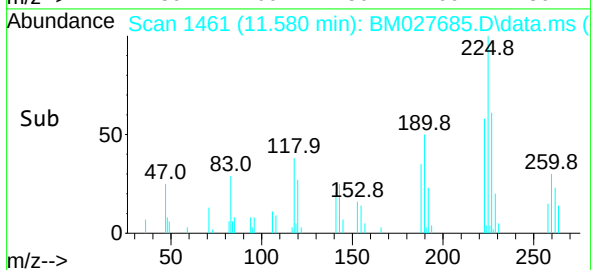
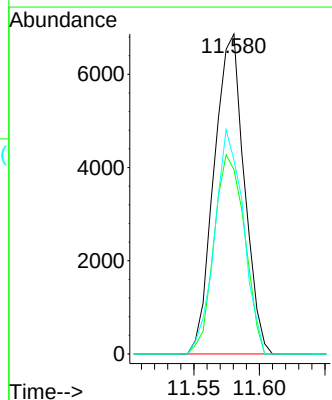
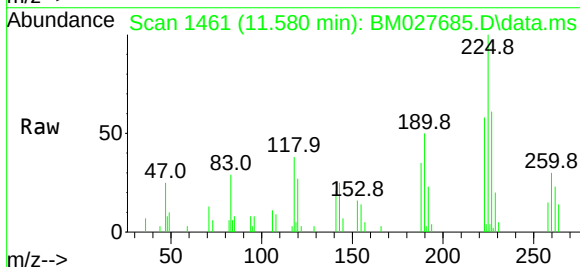
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

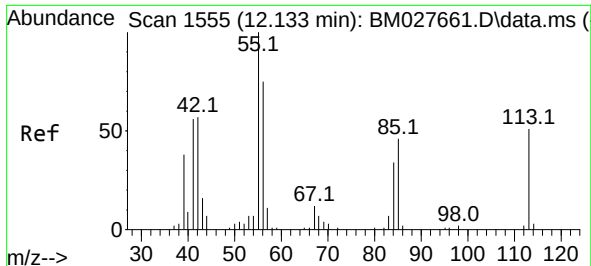
Tgt Ion:	127	Resp:	19930
Ion Ratio	Lower	Upper	
127	100		
129	30.3	24.7	37.1
65	41.4	30.2	45.4
92	20.8	17.8	26.8



#34
Hexachlorobutadiene
Concen: 8.01 ng
RT: 11.580 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	225	Resp:	10971
Ion Ratio	Lower	Upper	
225	100		
223	57.6	51.0	76.4
227	63.0	50.6	75.8

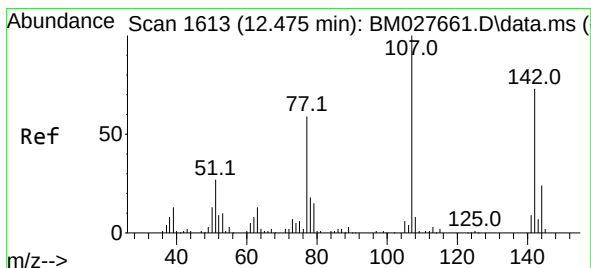
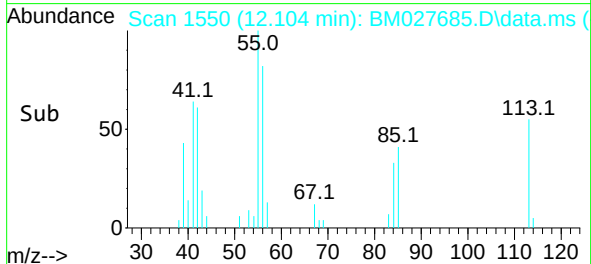
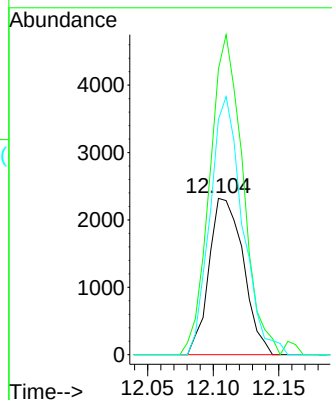
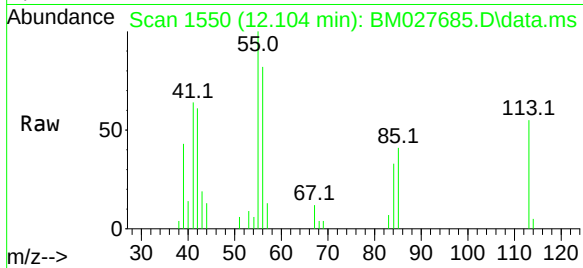




#35
Caprolactam
Concen: 7.30 ng
RT: 12.104 min Scan# 1550
Delta R.T. -0.029 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

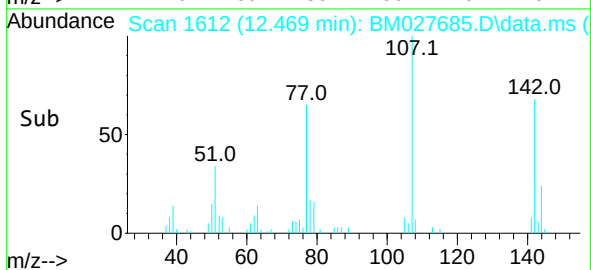
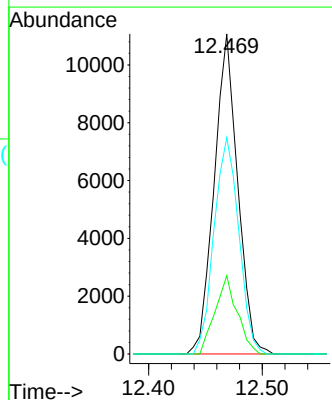
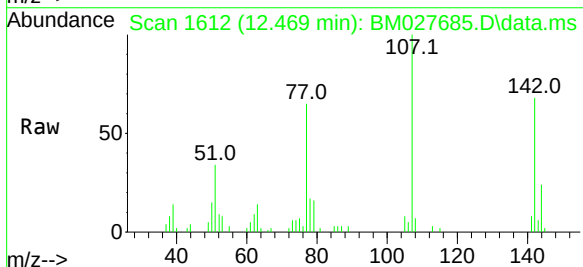
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

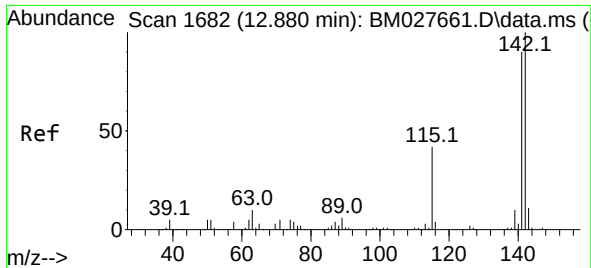
Tgt Ion:113 Resp: 4220
Ion Ratio Lower Upper
113 100
55 182.6 103.2 143.2#
56 150.5 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 7.90 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:107 Resp: 15928
Ion Ratio Lower Upper
107 100
144 24.4 20.1 30.1
142 67.6 60.3 90.5

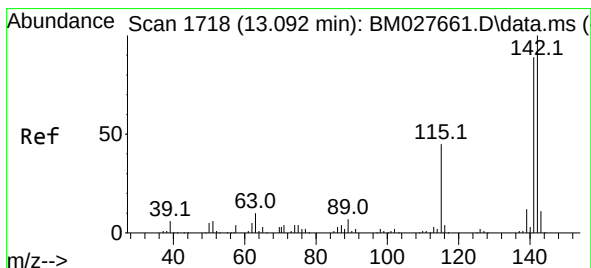
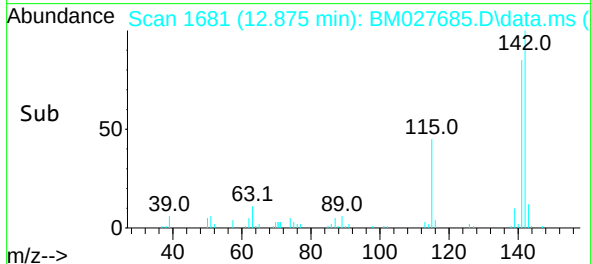
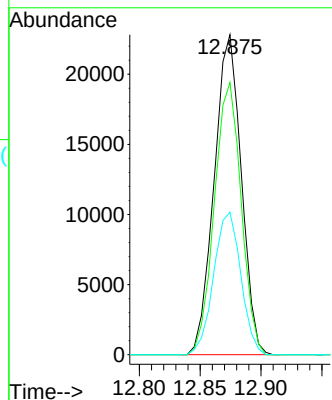
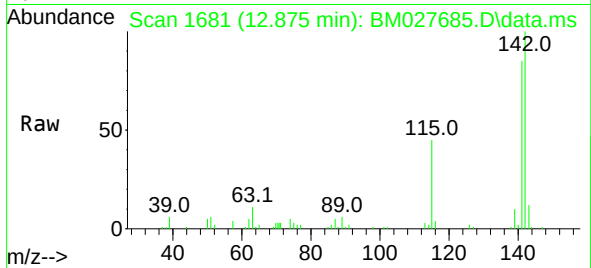




#37
2-Methylnaphthalene
Concen: 8.57 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

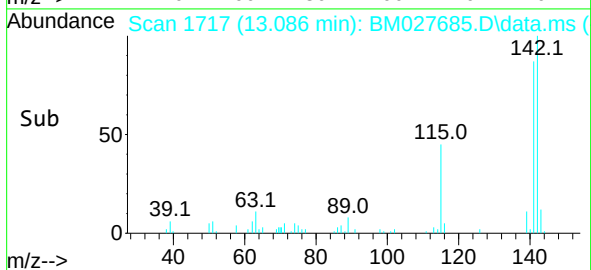
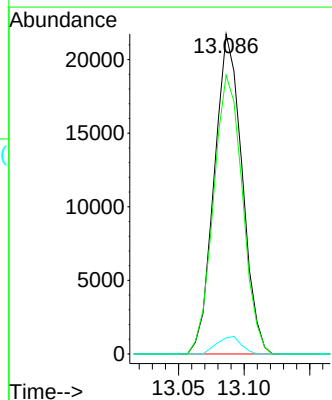
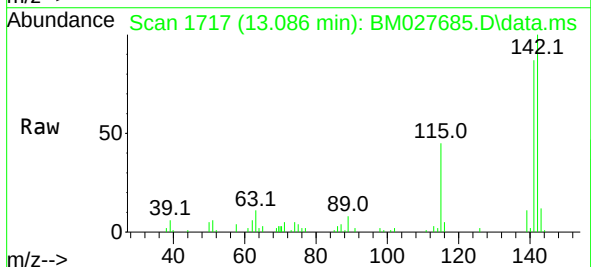
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

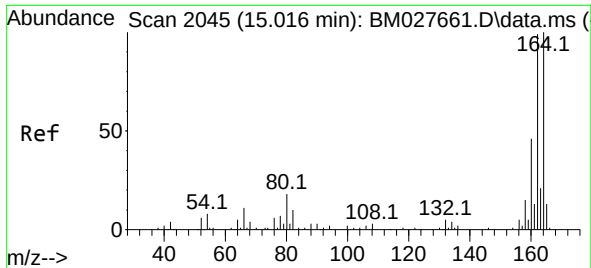
Tgt Ion:142 Resp: 35334
Ion Ratio Lower Upper
142 100
141 85.1 70.3 105.5
115 44.5 32.2 48.4



#38
1-Methylnaphthalene
Concen: 8.20 ng
RT: 13.086 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:142 Resp: 32078
Ion Ratio Lower Upper
142 100
141 87.1 73.8 110.6
116 5.0 3.5 5.3

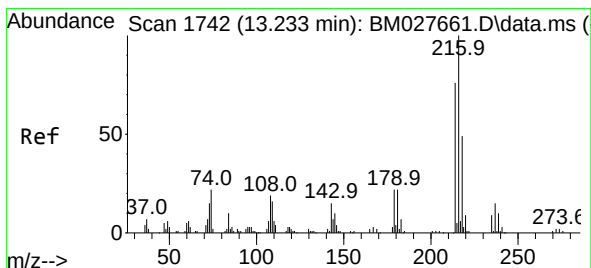
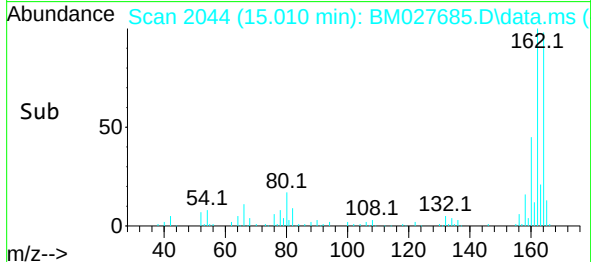
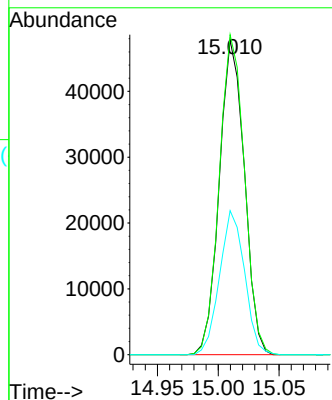
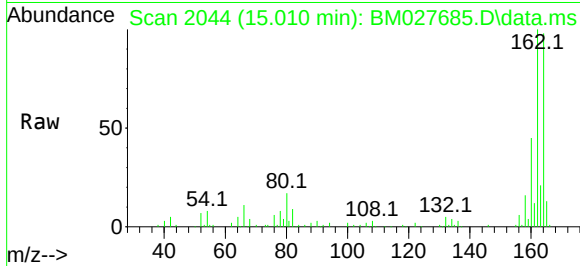




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

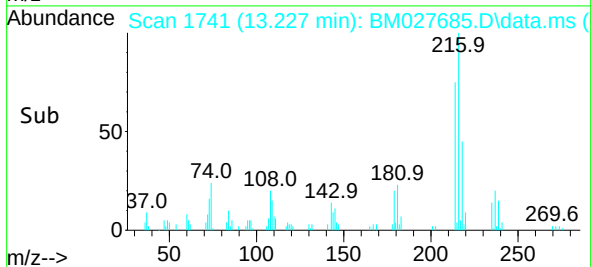
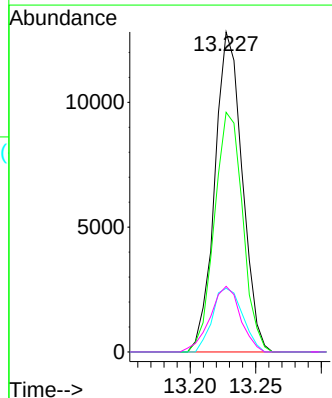
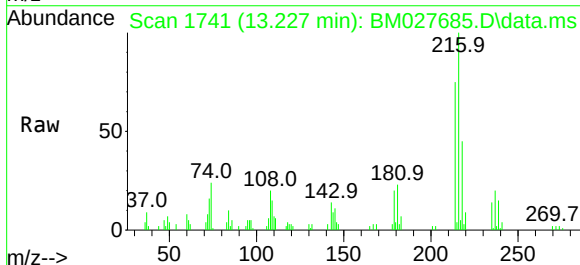
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

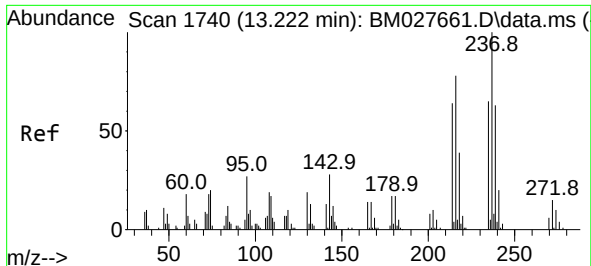
Tgt Ion:164 Resp: 68408
Ion Ratio Lower Upper
164 100
162 101.7 80.4 120.6
160 45.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.61 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:216 Resp: 18618
Ion Ratio Lower Upper
216 100
214 77.2 62.1 93.1
179 21.9 17.2 25.8
108 22.7 14.9 22.3#

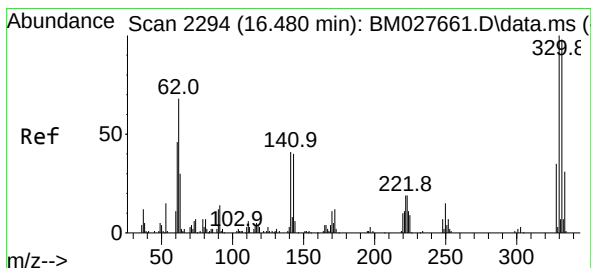
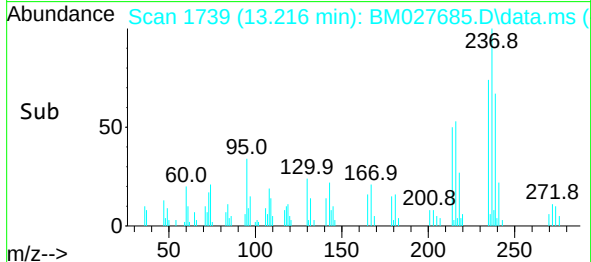
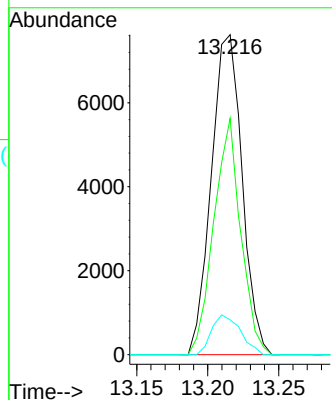
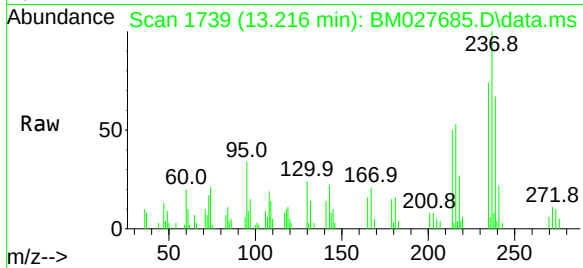




#41
Hexachlorocyclopentadiene
Concen: 9.77 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

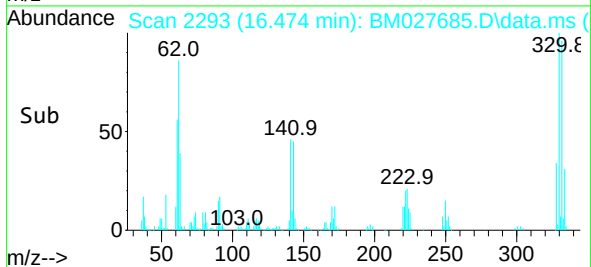
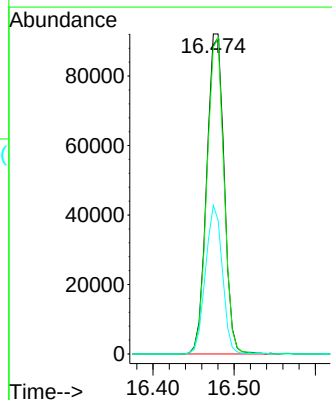
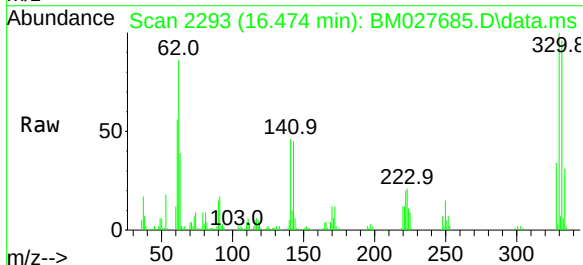
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

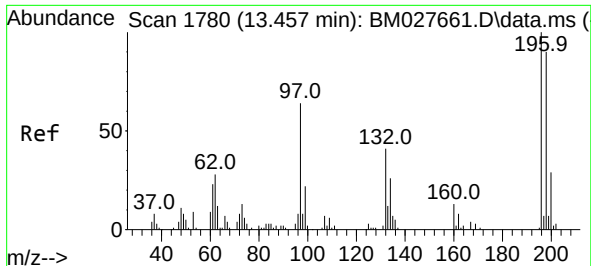
Tgt Ion:	237	Resp:	11492
Ion Ratio	Lower	Upper	
237	100		
235	73.8	43.1	83.1
272	10.8	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 167.86 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	330	Resp:	137120
Ion Ratio	Lower	Upper	
330	100		
332	96.6	77.8	116.8
141	45.0	28.4	42.6#

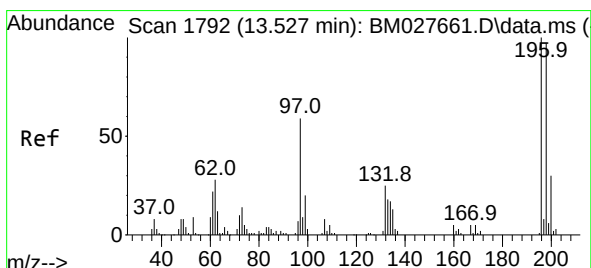
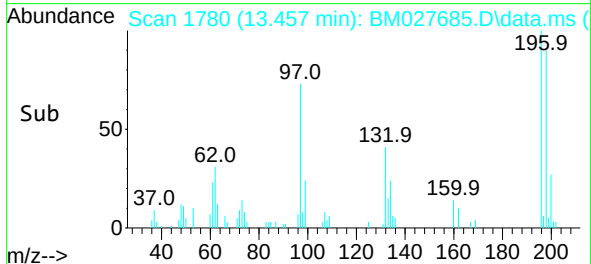
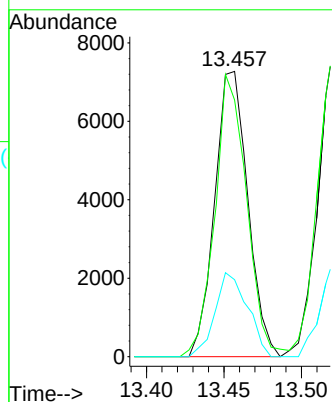
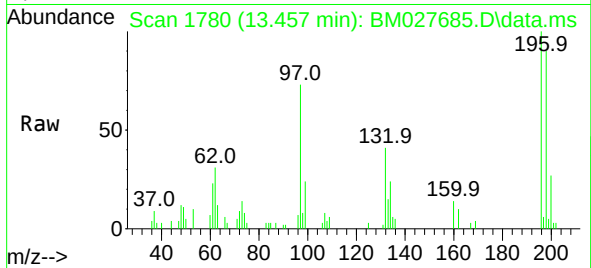




#43
2,4,6-Trichlorophenol
Concen: 7.70 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

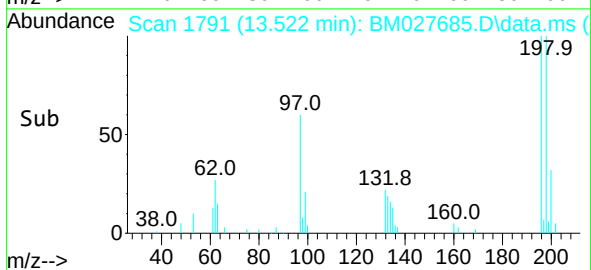
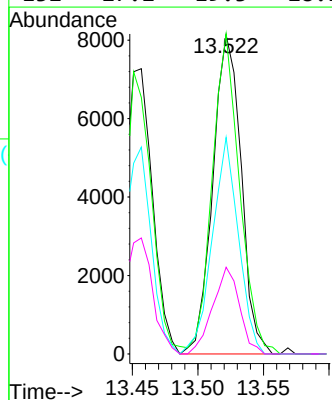
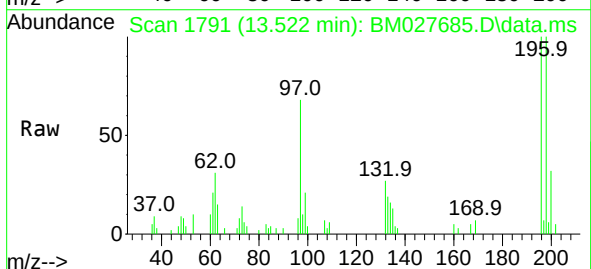
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

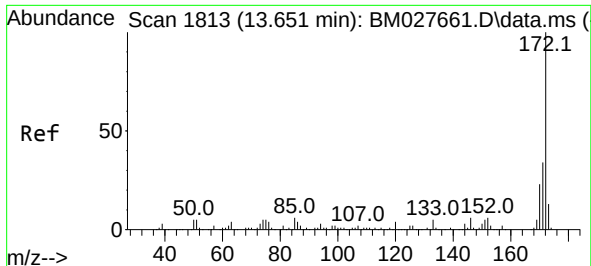
Tgt Ion:196 Resp: 10811
Ion Ratio Lower Upper
196 100
198 89.9 74.9 112.3
200 27.0 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 8.11 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:196 Resp: 12203
Ion Ratio Lower Upper
196 100
198 100.3 79.0 118.6
97 67.8 40.5 60.7#
132 27.2 19.3 28.9

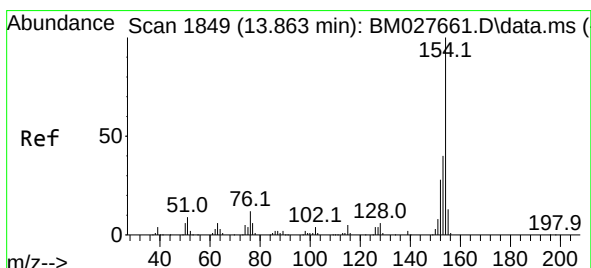
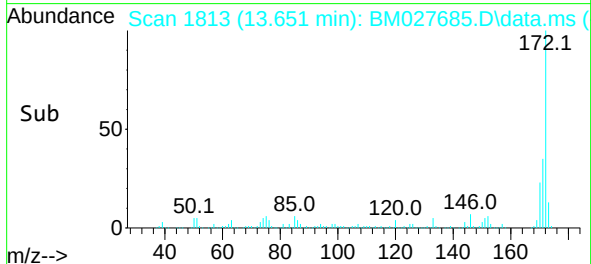
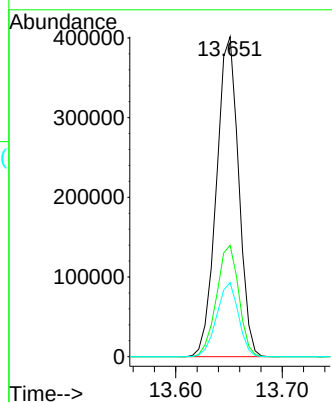
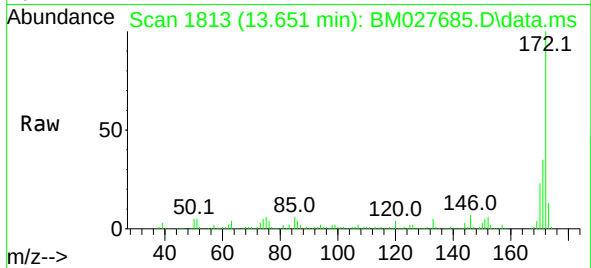




#45
2-Fluorobiphenyl
Concen: 120.90 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

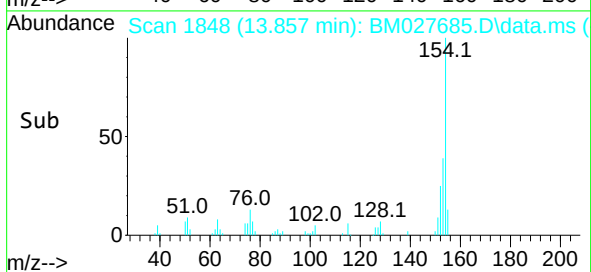
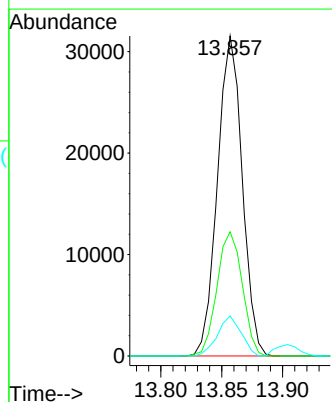
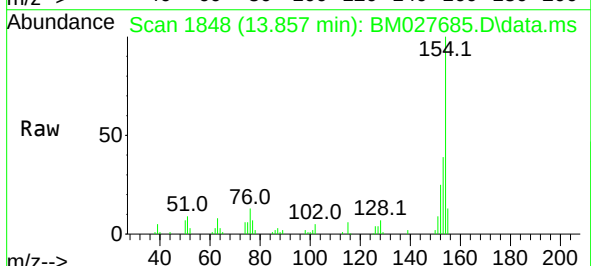
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

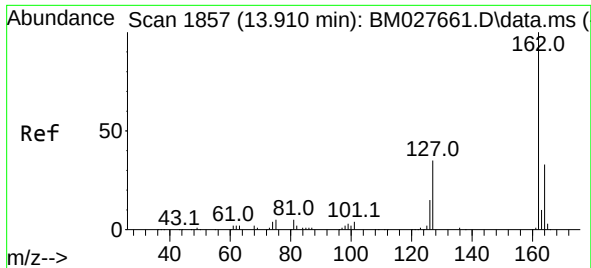
Tgt Ion:	172	Resp:	579597
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.1	18.6	27.8



#46
1,1'-Biphenyl
Concen: 8.55 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	154	Resp:	44677
Ion	Ratio	Lower	Upper
154	100		
153	38.8	20.0	60.0
76	12.5	0.0	32.0

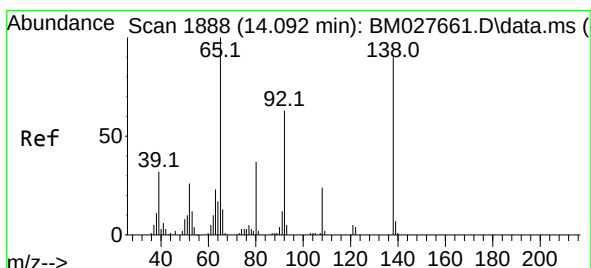
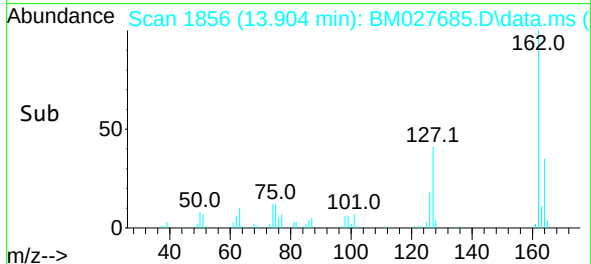
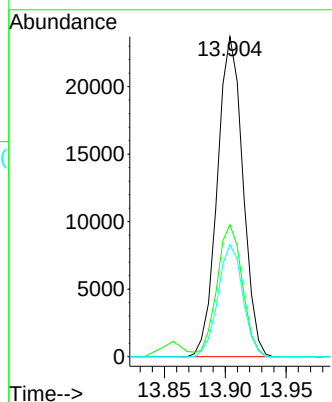
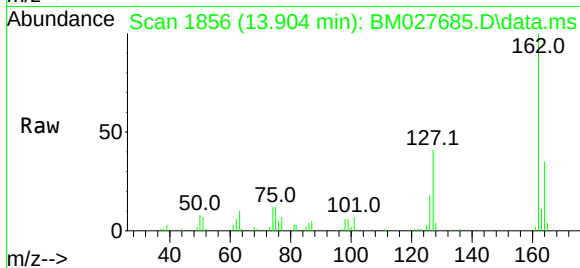




#47
2-Chloronaphthalene
Concen: 7.99 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

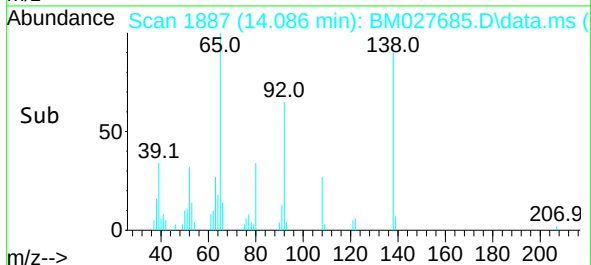
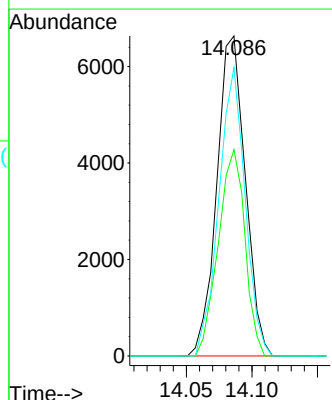
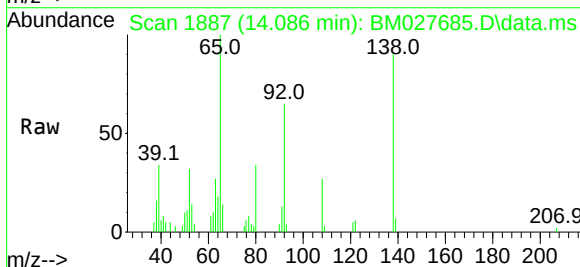
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

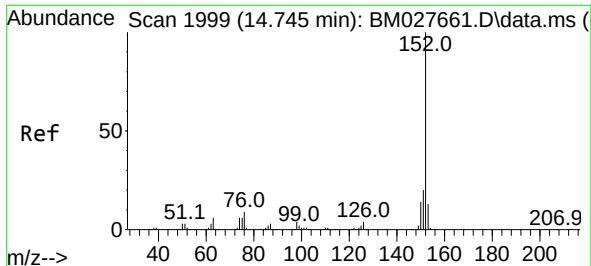
Tgt Ion:	162	Resp:	34598
Ion Ratio	Lower	Upper	
162	100		
127	41.3	29.6	44.4
164	35.0	26.2	39.4



#48
2-Nitroaniline
Concen: 6.87 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	65	Resp:	10013
Ion Ratio	Lower	Upper	
65	100		
92	64.5	51.5	77.3
138	90.1	72.7	109.1

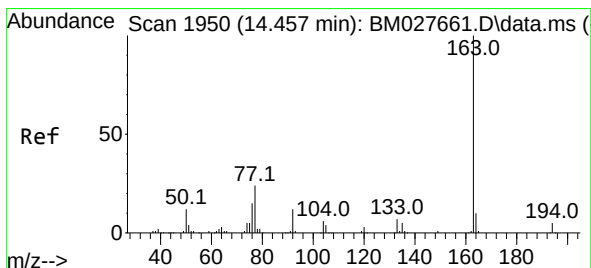
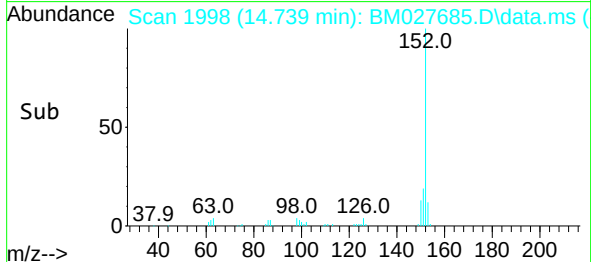
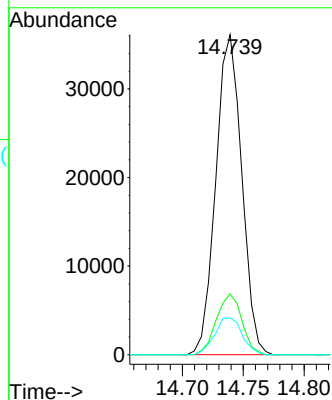
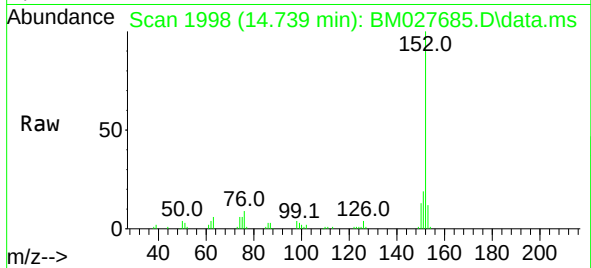




#49
Acenaphthylene
Concen: 8.17 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

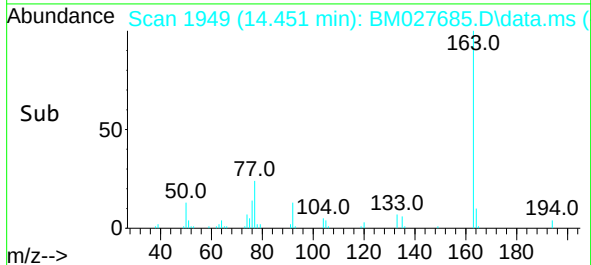
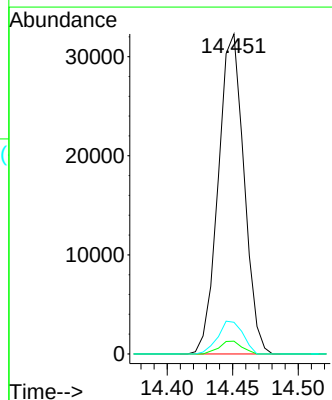
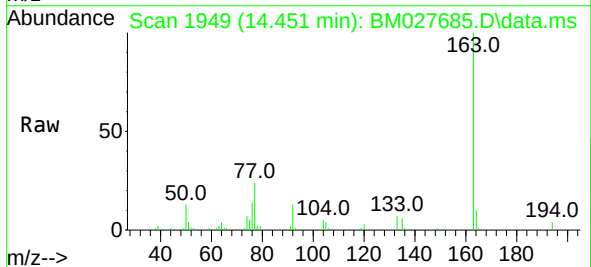
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

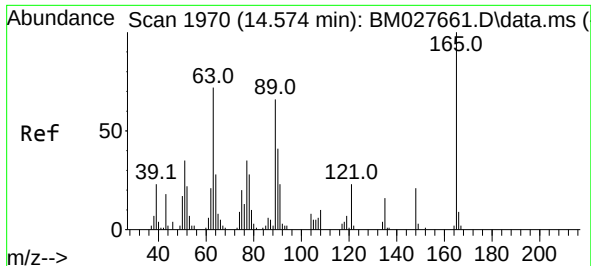
Tgt Ion:152	Resp:	53418
Ion Ratio	Lower	Upper
152	100	
151	19.0	15.8 23.6
153	11.5	10.4 15.6



#50
Dimethylphthalate
Concen: 8.03 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:163	Resp:	44008
Ion Ratio	Lower	Upper
163	100	
194	4.0	3.4 5.2
164	9.9	8.1 12.1

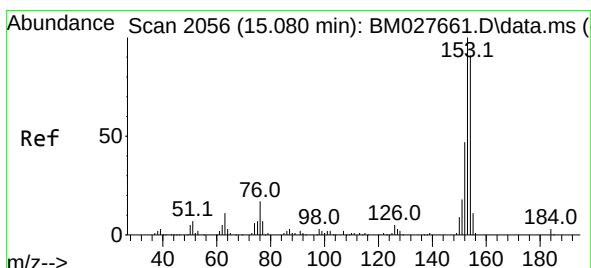
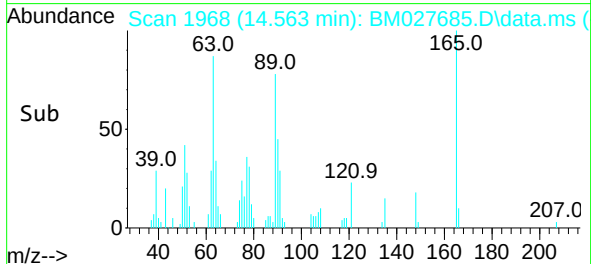
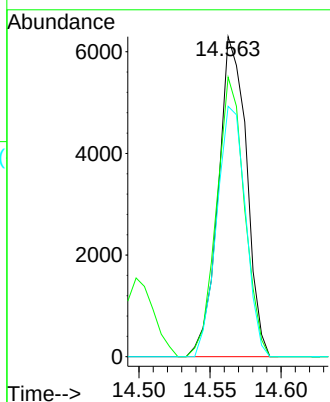
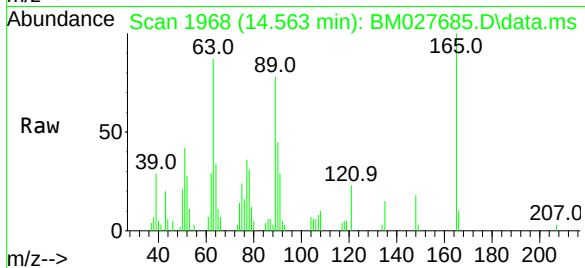




#51
2,6-Dinitrotoluene
Concen: 8.07 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.011 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

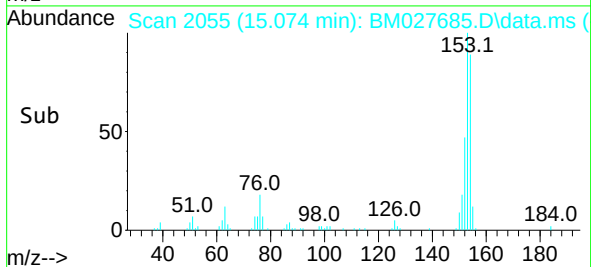
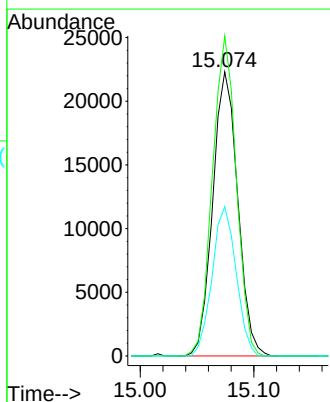
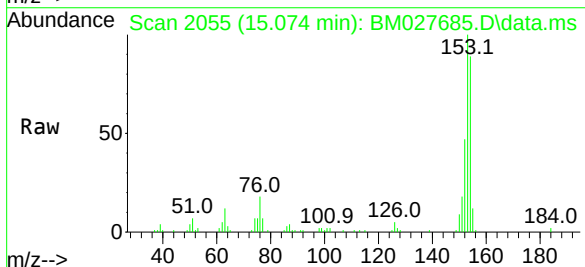
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

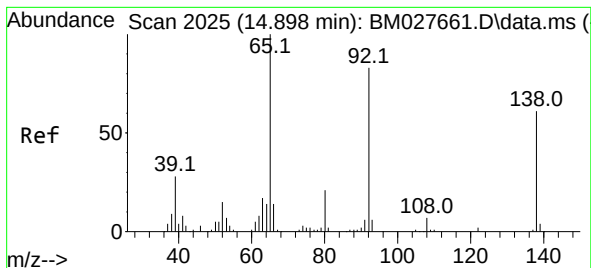
Tgt Ion:165 Resp: 8688
Ion Ratio Lower Upper
165 100
63 87.3 51.1 76.7#
89 78.3 53.3 79.9



#52
Acenaphthene
Concen: 7.97 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:154 Resp: 34154
Ion Ratio Lower Upper
154 100
153 112.6 88.3 132.5
152 52.6 41.4 62.2

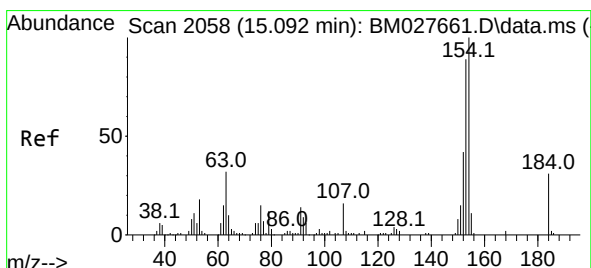
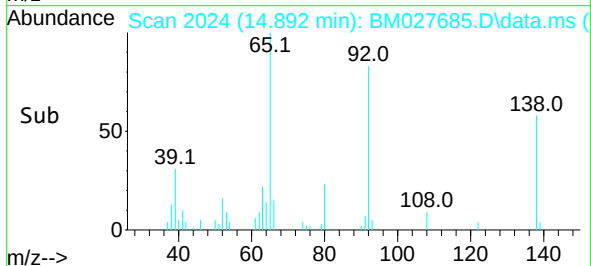
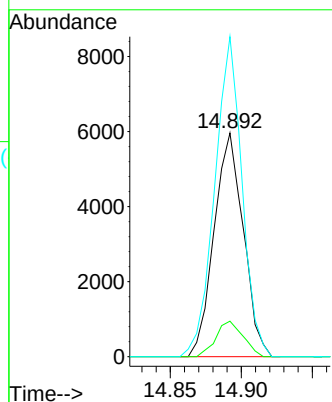
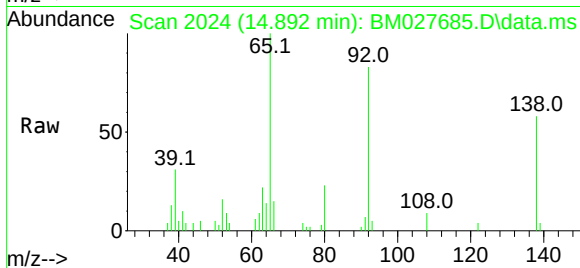




#53
3-Nitroaniline
Concen: 6.98 ng
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

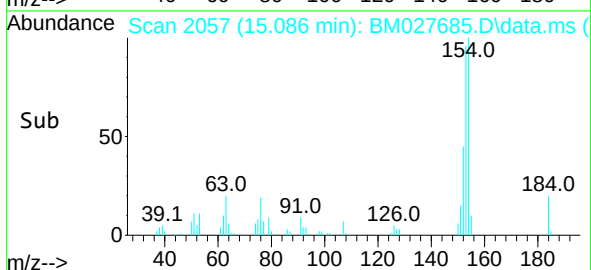
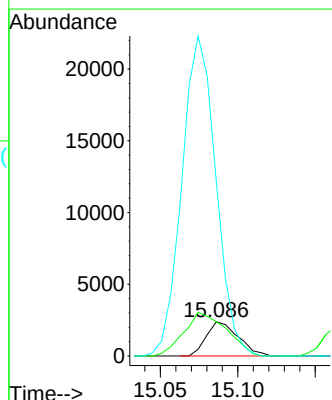
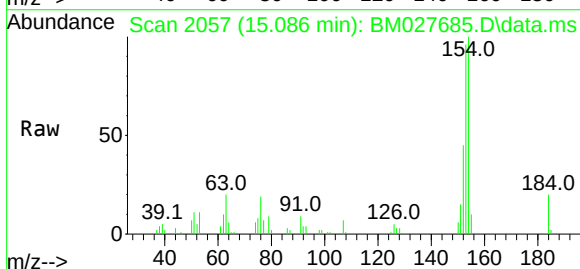
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

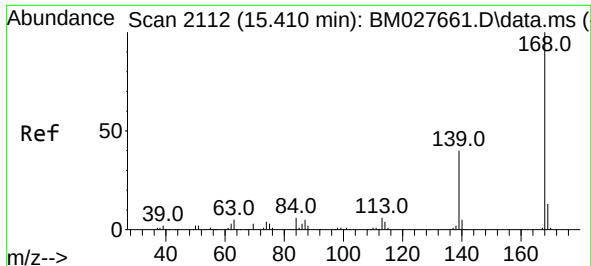
Tgt Ion:138 Resp: 8524
Ion Ratio Lower Upper
138 100
108 15.9 8.6 13.0#
92 143.1 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 7.50 ng
RT: 15.086 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:184 Resp: 3412
Ion Ratio Lower Upper
184 100
63 100.8 60.2 90.2#
154 510.9 52.9 79.3#

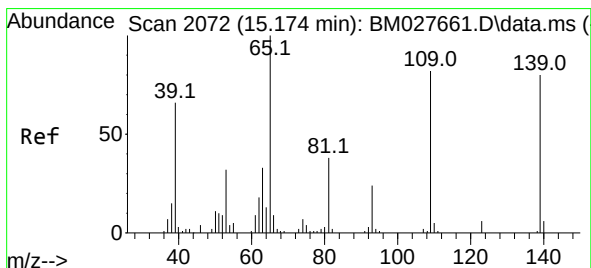
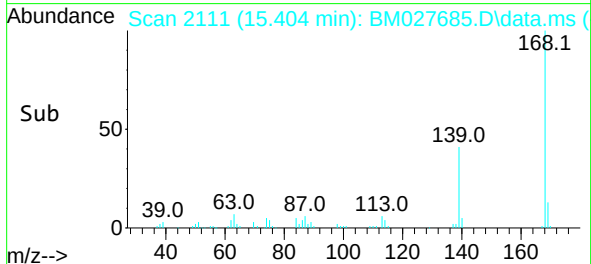
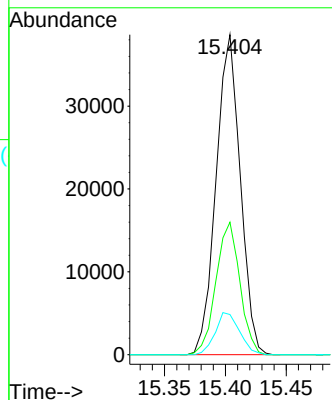
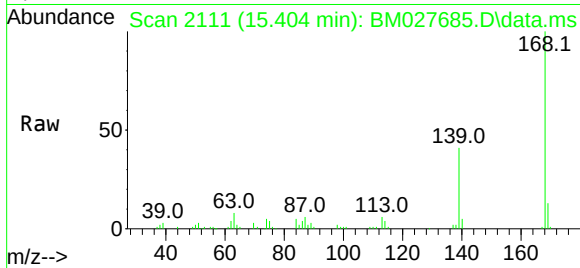




#55
Dibenzenofuran
Concen: 8.37 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

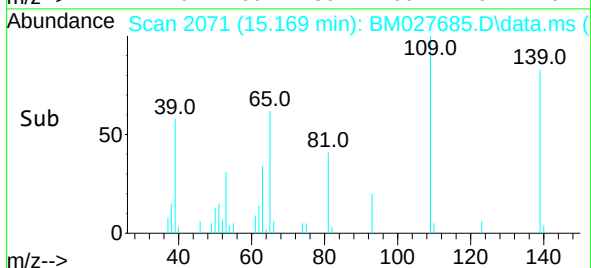
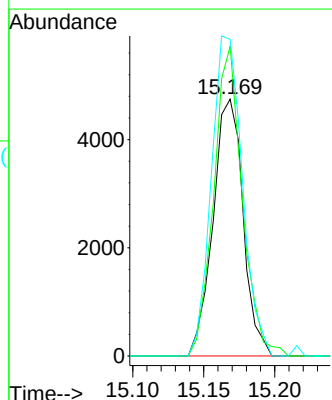
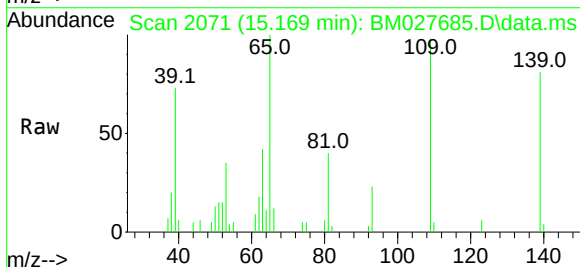
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

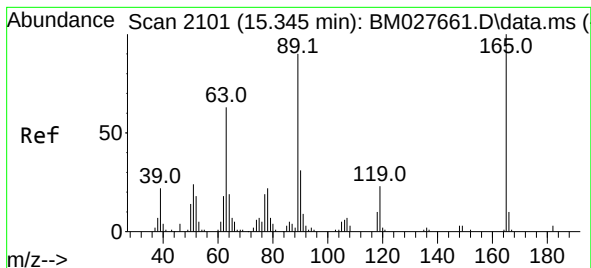
Tgt Ion:168 Resp: 53411
Ion Ratio Lower Upper
168 100
139 41.4 30.2 45.4
169 12.5 10.6 16.0



#56
4-Nitrophenol
Concen: 7.05 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:139 Resp: 6978
Ion Ratio Lower Upper
139 100
109 120.6 77.0 117.0#
65 123.3 103.4 143.4

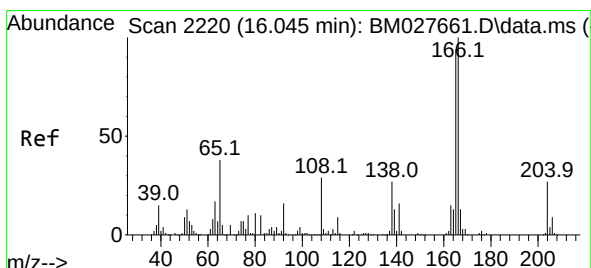
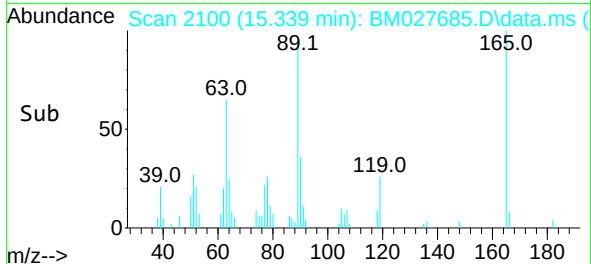
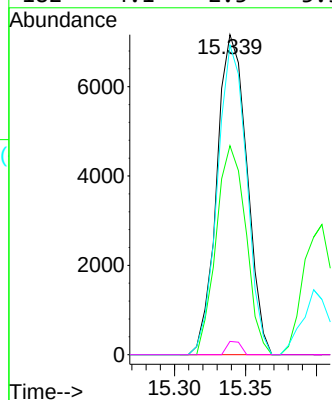
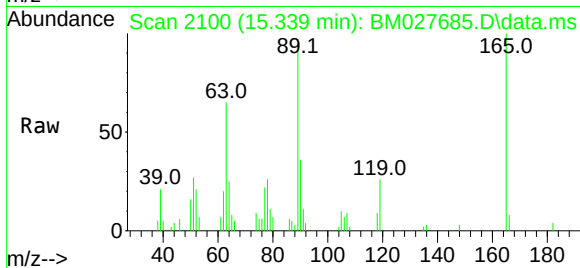




#57
2,4-Dinitrotoluene
Concen: 7.26 ng
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

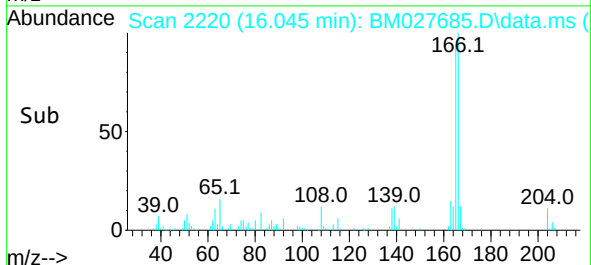
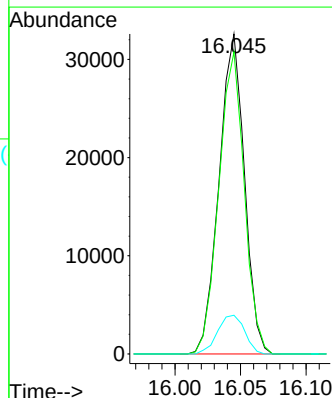
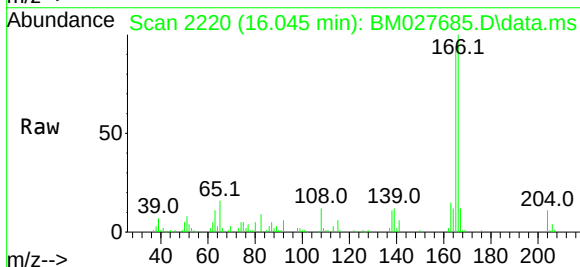
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

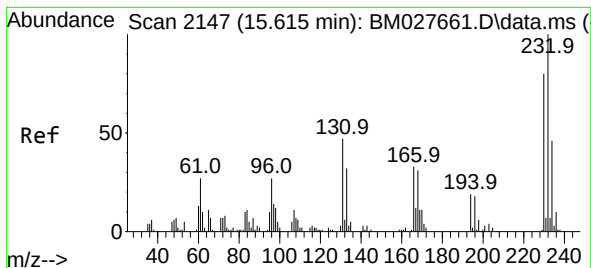
Tgt Ion:	165	Resp:	10586
Ion Ratio	Lower	Upper	
165	100		
63	65.3	38.8	58.2#
89	96.8	62.6	94.0#
182	4.1	2.3	3.5#



#58
Fluorene
Concen: 8.36 ng
RT: 16.045 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	166	Resp:	43724
Ion Ratio	Lower	Upper	
166	100		
165	94.4	76.2	114.2
167	12.1	10.7	16.1

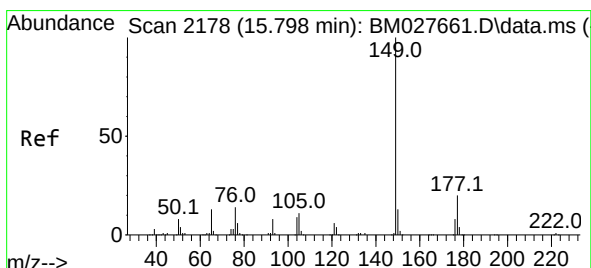
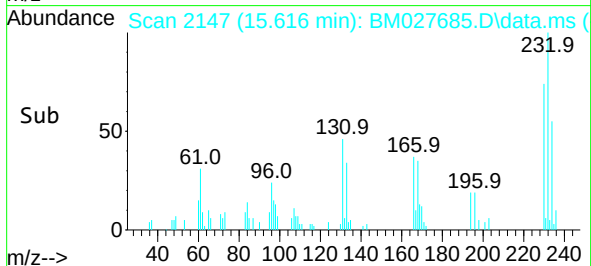
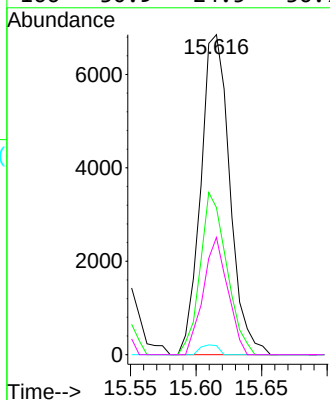
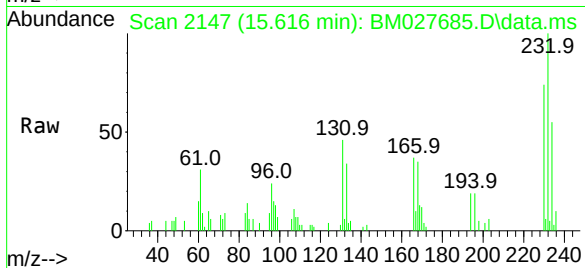




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.00 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

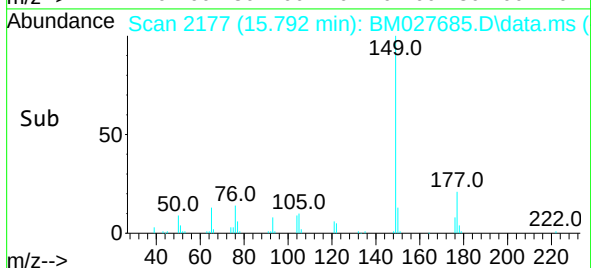
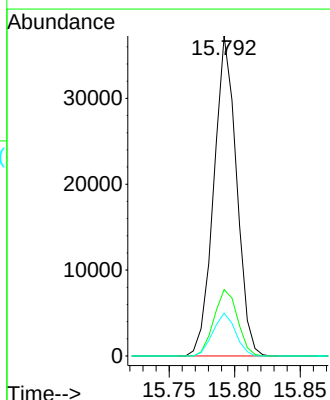
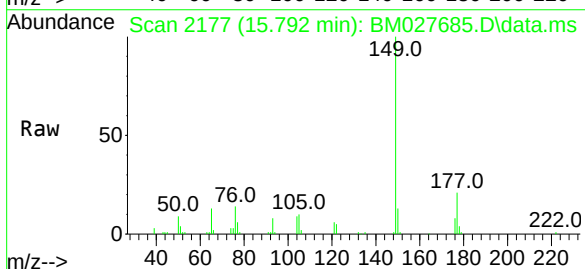
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

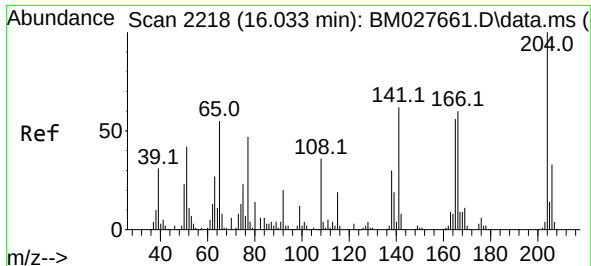
Tgt Ion:	232	Resp:	10561
Ion Ratio	Lower	Upper	
232	100		
131	46.4	32.2	48.2
130	1.9	1.8	2.8
166	30.9	24.5	36.7



#60
Diethylphthalate
Concen: 8.02 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	149	Resp:	44828
Ion Ratio	Lower	Upper	
149	100		
177	20.8	18.2	27.4
150	13.4	10.2	15.4

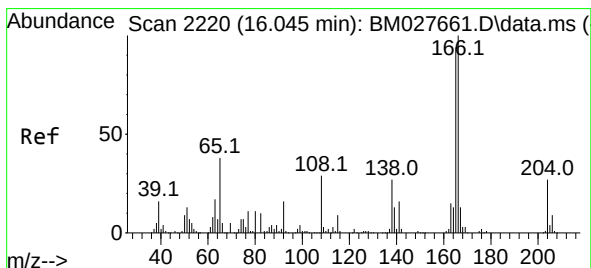
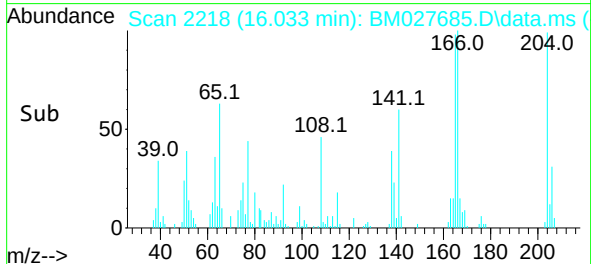
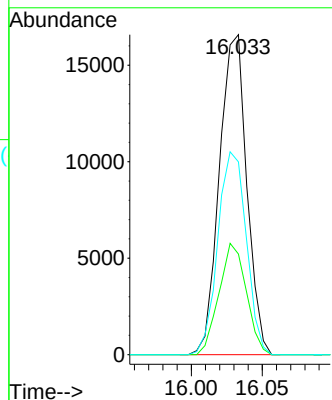
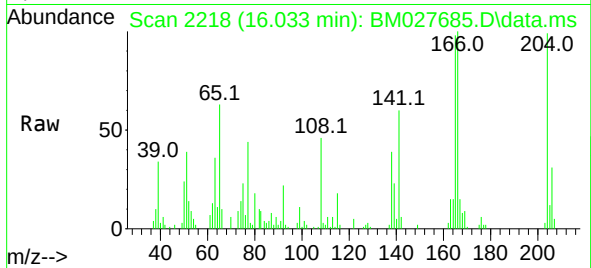




#61
4-Chlorophenyl-phenylether
Concen: 8.27 ng
RT: 16.033 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

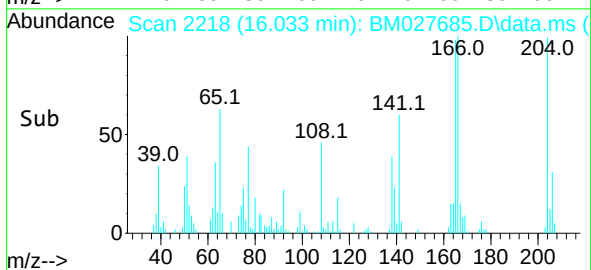
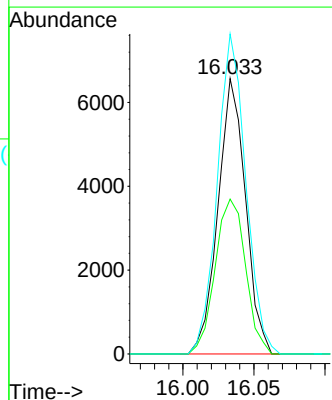
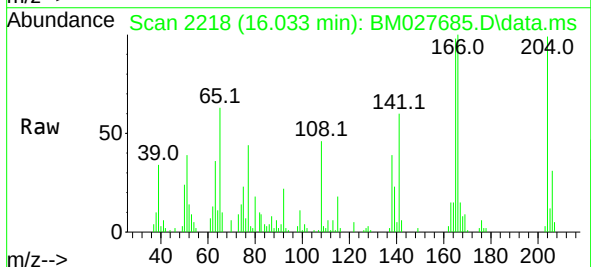
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

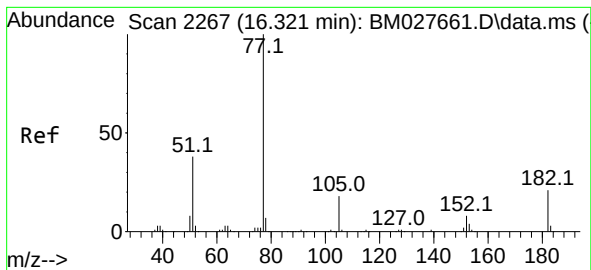
Tgt Ion:204 Resp: 22268
Ion Ratio Lower Upper
204 100
206 31.5 26.1 39.1
141 60.3 43.7 65.5



#62
4-Nitroaniline
Concen: 6.40 ng
RT: 16.033 min Scan# 2218
Delta R.T. -0.012 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:138 Resp: 8855
Ion Ratio Lower Upper
138 100
92 56.2 35.5 75.5
108 116.2 80.5 120.5

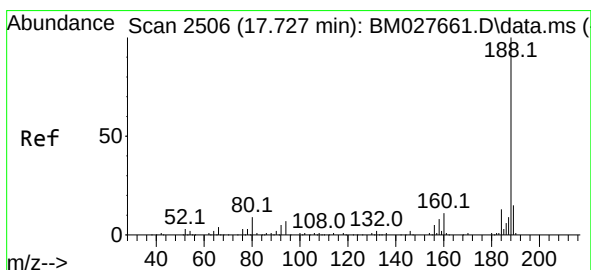
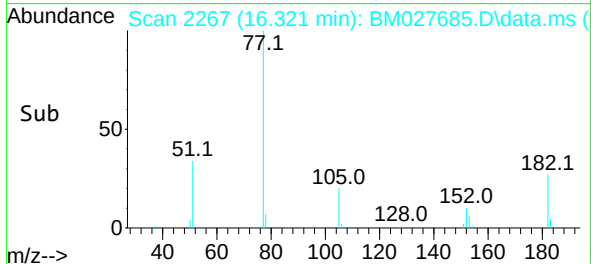
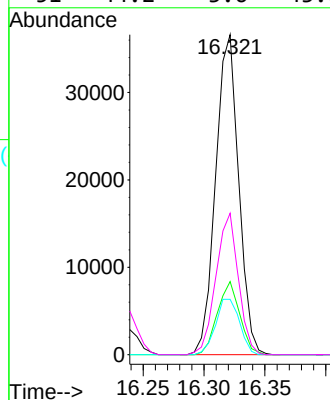
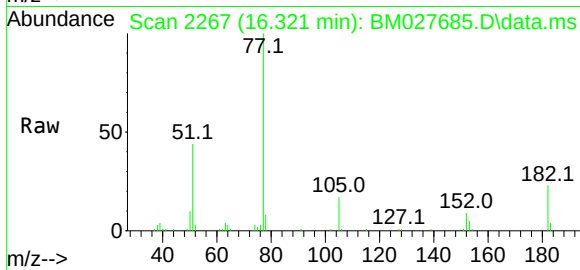




#63
Azobenzene
Concen: 8.33 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

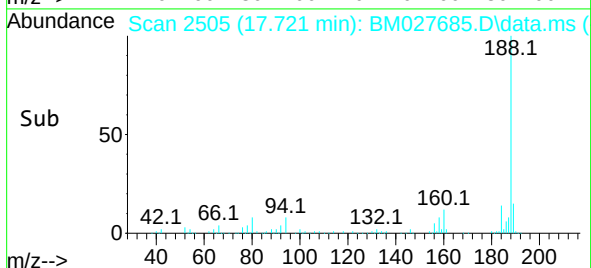
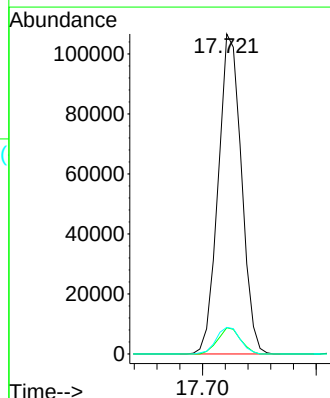
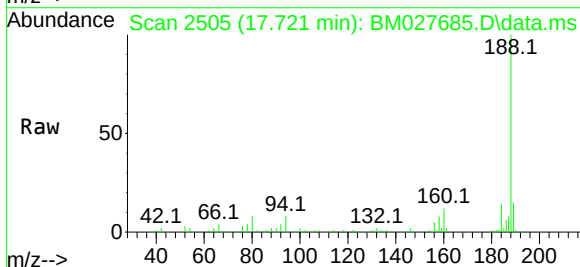
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

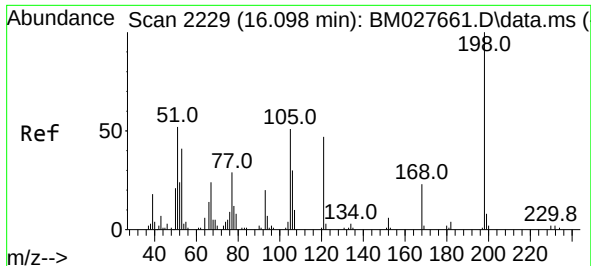
Tgt Ion: 77	Resp: 48186
Ion Ratio	Lower Upper
77 100	
182 22.9	5.8 45.8
105 17.3	0.0 37.2
51 44.2	3.6 43.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.721 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion: 188	Resp: 151557
Ion Ratio	Lower Upper
188 100	
94 8.2	6.2 9.4
80 8.3	7.5 11.3

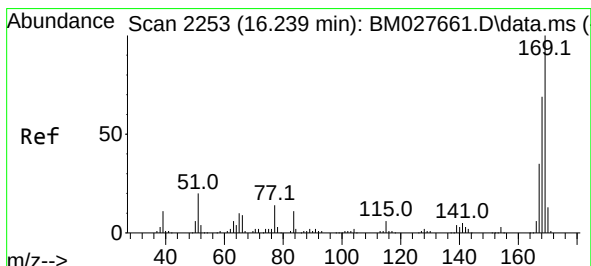
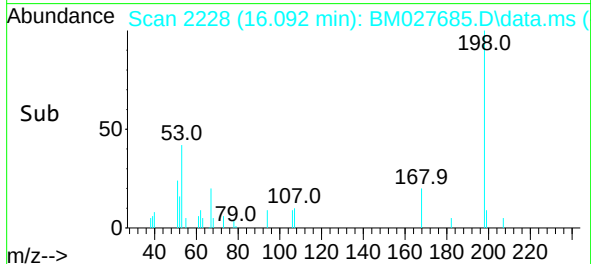
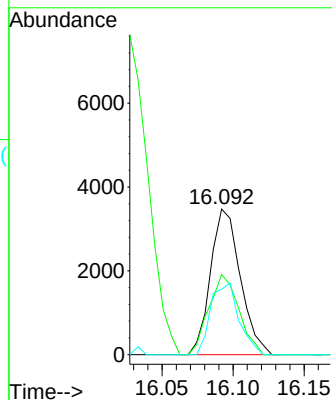
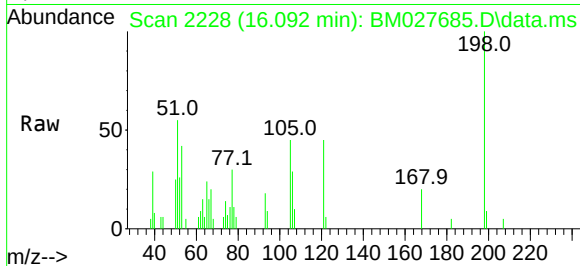




#65
4,6-Dinitro-2-methylphenol
Concen: 8.31 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

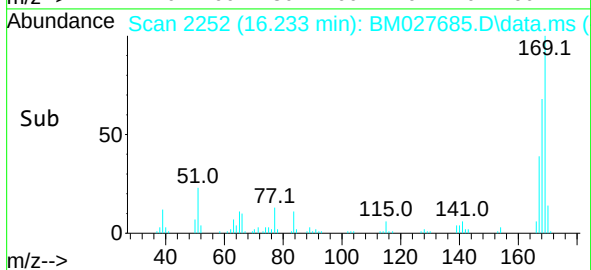
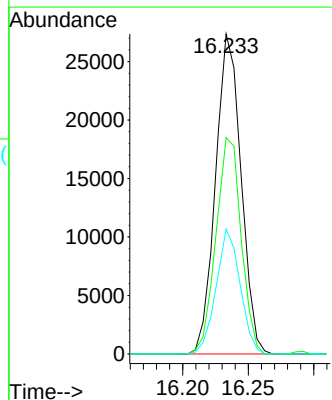
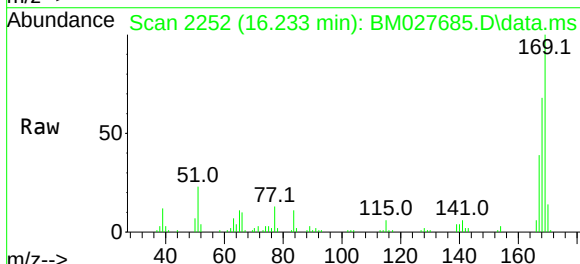
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

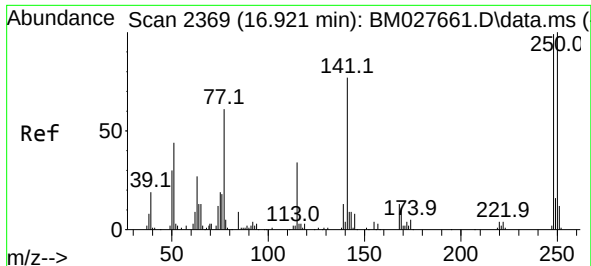
Tgt Ion:198 Resp: 5072
Ion Ratio Lower Upper
198 100
51 55.0 13.0 53.0#
105 45.1 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 8.08 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:169 Resp: 36975
Ion Ratio Lower Upper
169 100
168 67.6 53.8 80.8
167 39.1 29.0 43.4

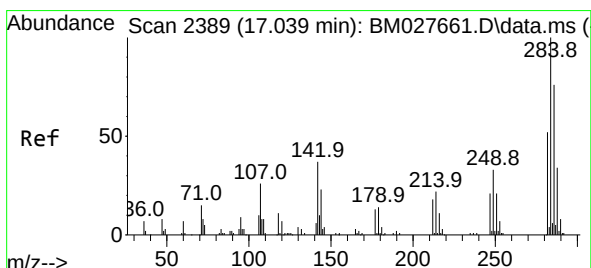
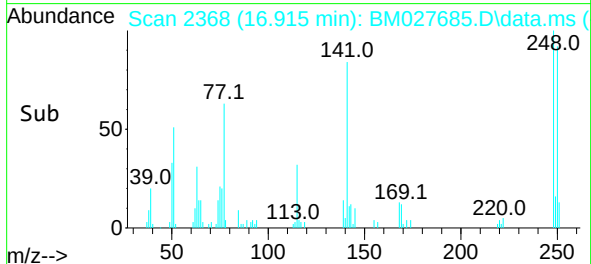
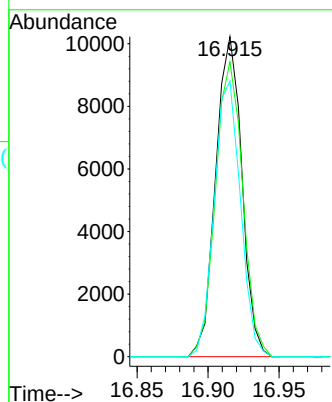
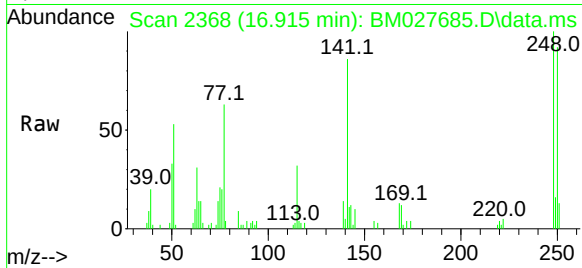




#67
4-Bromophenyl-phenylether
Concen: 8.10 ng
RT: 16.915 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

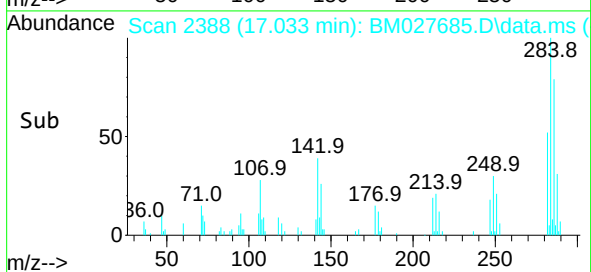
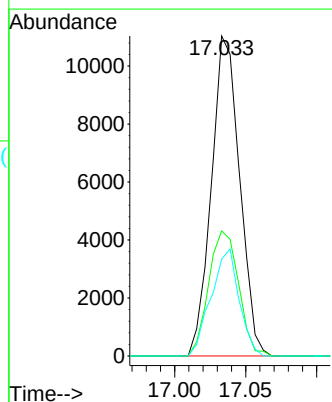
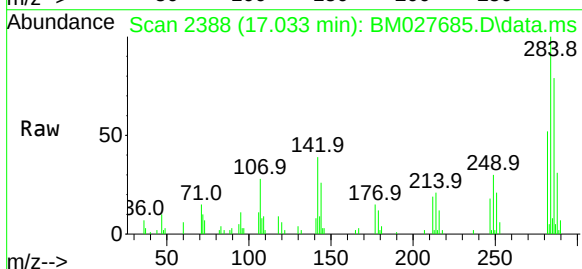
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

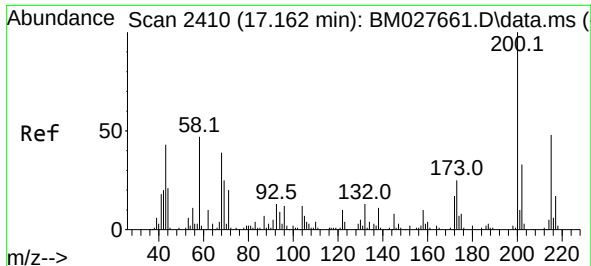
Tgt Ion:248 Resp: 13127
Ion Ratio Lower Upper
248 100
250 92.2 79.1 118.7
141 86.1 51.8 77.8#



#68
Hexachlorobenzene
Concen: 8.11 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:284 Resp: 15255
Ion Ratio Lower Upper
284 100
142 39.1 26.1 39.1
249 30.3 25.6 38.4

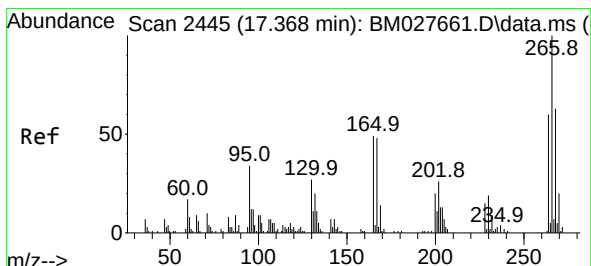
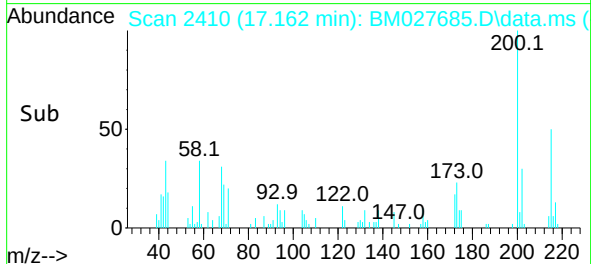
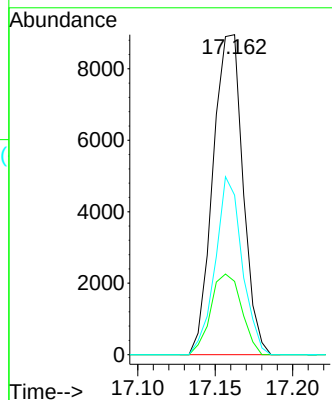
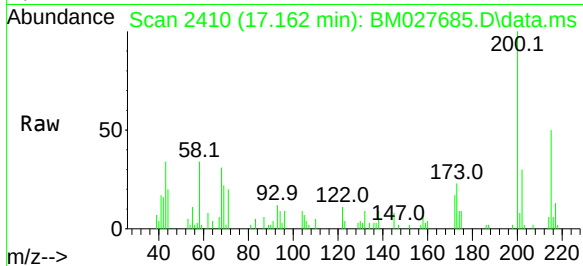




#69
Atrazine
Concen: 7.78 ng
RT: 17.162 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

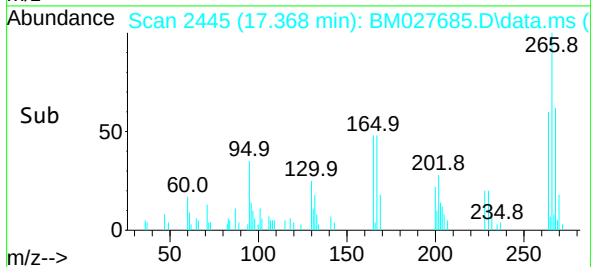
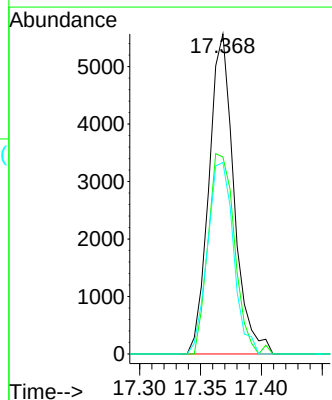
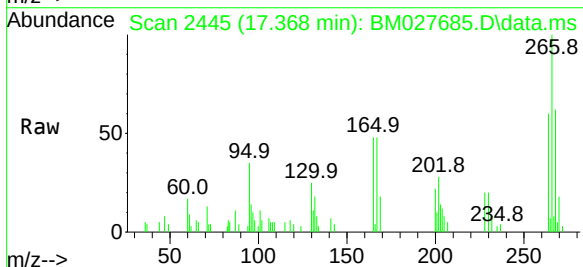
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

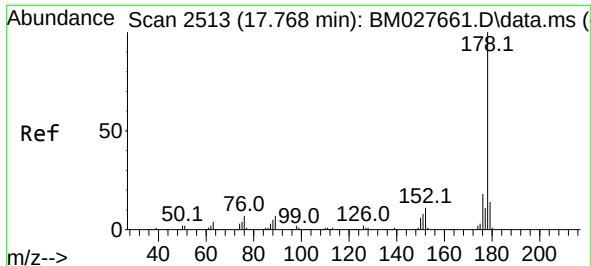
Tgt Ion:	200	Resp:	12055
Ion Ratio	Lower	Upper	
200	100		
173	22.9	4.9	44.9
215	49.8	29.0	69.0



#70
Pentachlorophenol
Concen: 7.79 ng
RT: 17.368 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	266	Resp:	7934
Ion Ratio	Lower	Upper	
266	100		
268	61.5	49.9	74.9
264	59.9	50.6	76.0

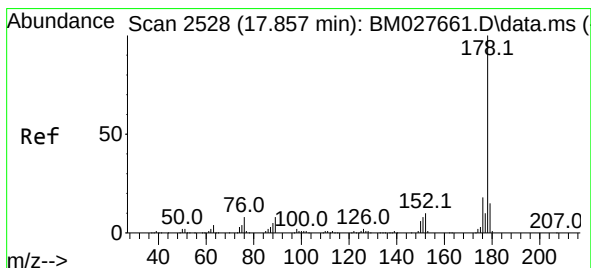
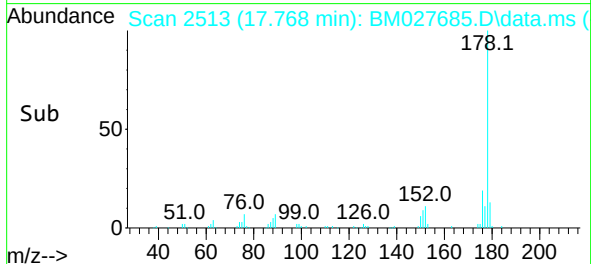
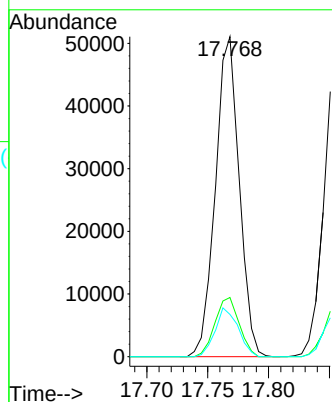
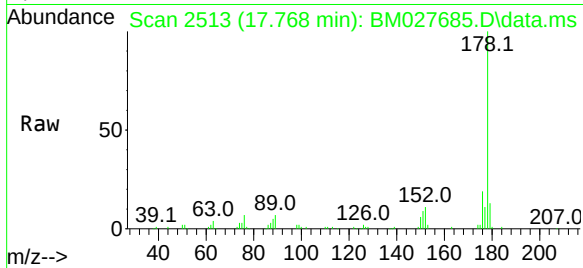




#71
Phenanthrene
Concen: 8.11 ng
RT: 17.768 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

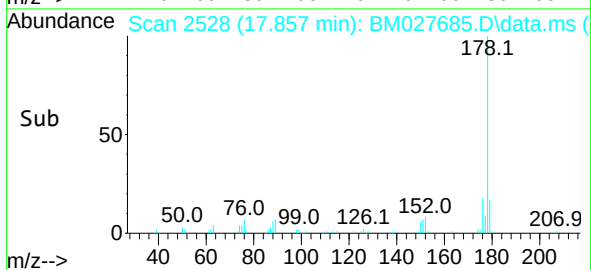
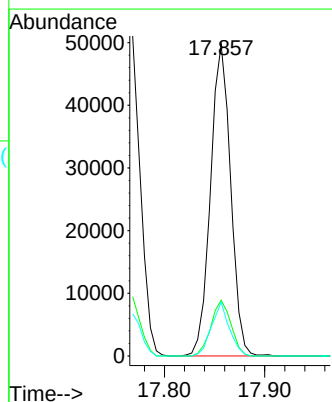
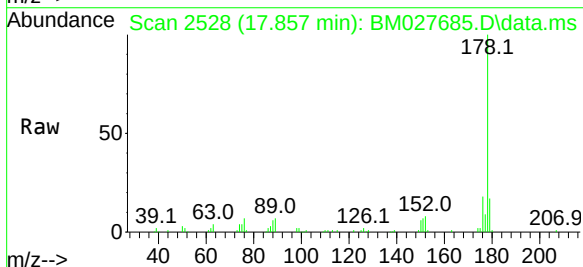
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

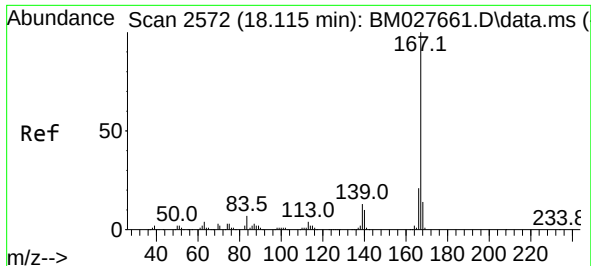
Tgt Ion:178 Resp: 69412
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 13.2 12.2 18.4



#72
Anthracene
Concen: 8.29 ng
RT: 17.857 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:178 Resp: 69339
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 17.3 12.5 18.7

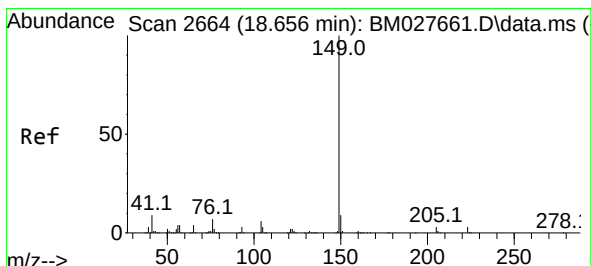
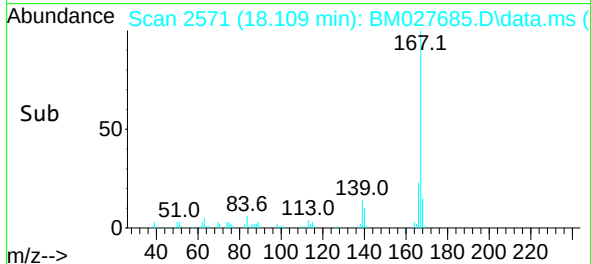
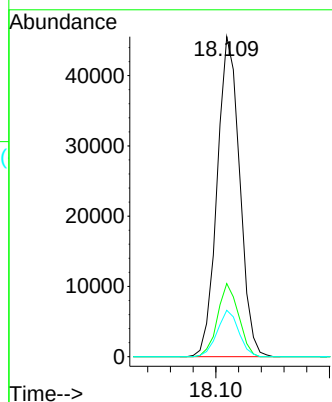
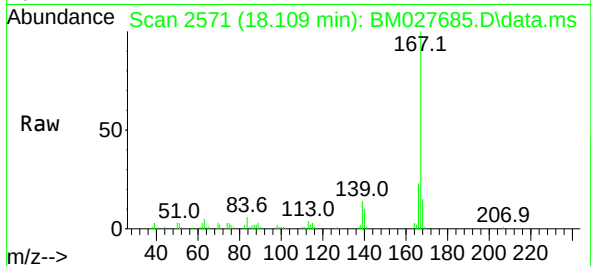




#73
 Carbazole
 Concen: 7.89 ng
 RT: 18.109 min Scan# 2571
 Delta R.T. -0.006 min
 Lab File: BM027685.D
 Acq: 03 Nov 2020 11:57

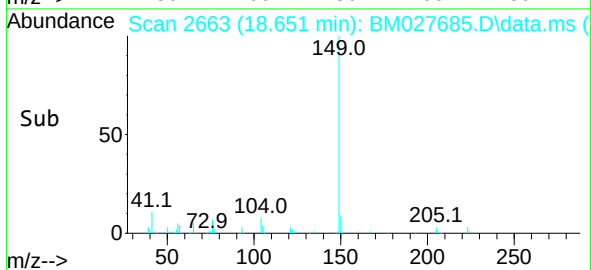
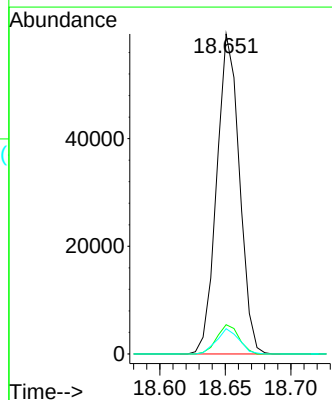
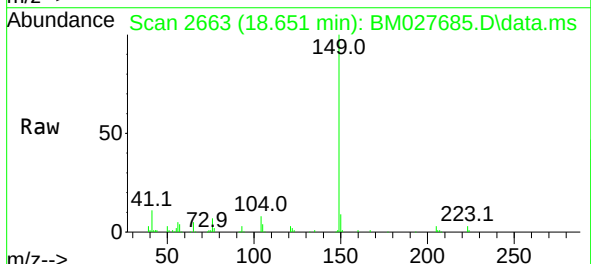
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

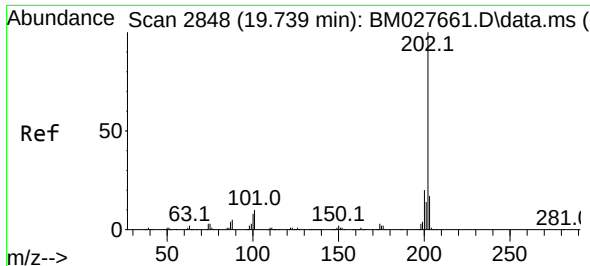
Tgt Ion:167 Resp: 62671
 Ion Ratio Lower Upper
 167 100
 166 22.9 16.9 25.3
 139 14.5 9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 7.65 ng
 RT: 18.651 min Scan# 2663
 Delta R.T. -0.006 min
 Lab File: BM027685.D
 Acq: 03 Nov 2020 11:57

Tgt Ion:149 Resp: 71388
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 7.9 4.7 7.1#

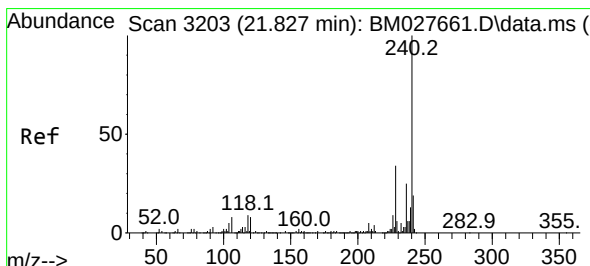
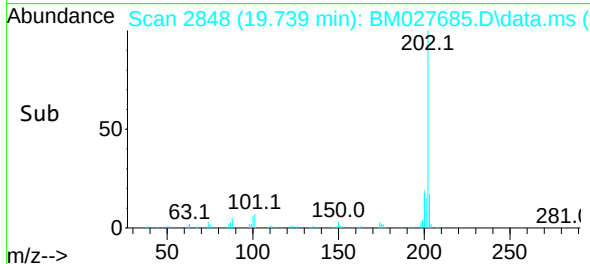
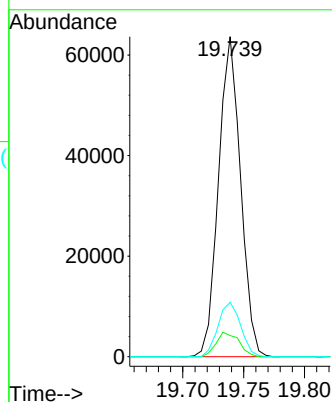
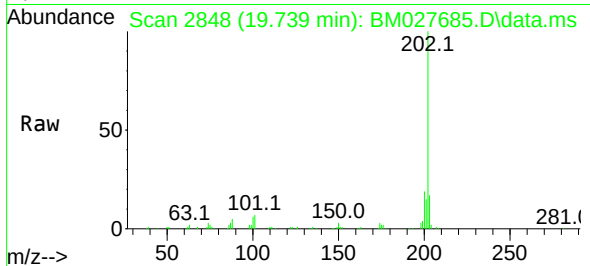




#75
Fluoranthene
Concen: 7.97 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

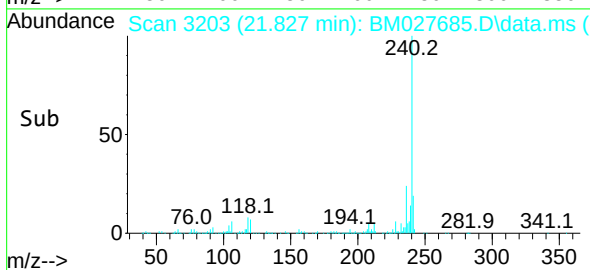
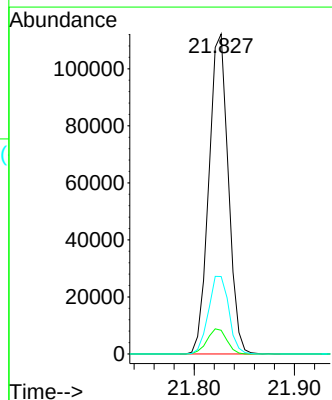
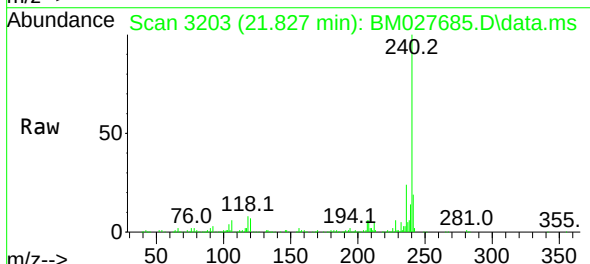
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

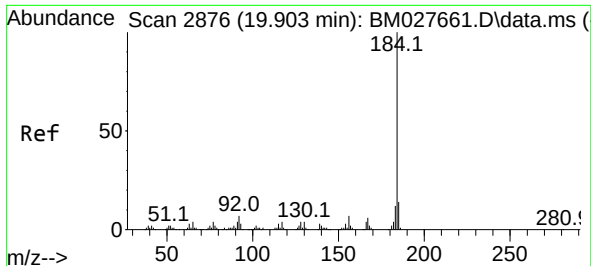
Tgt Ion:	202	Resp:	80069
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	28.5
203	17.0	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3203
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	240	Resp:	151101
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.4	9.6
236	24.2	20.1	30.1

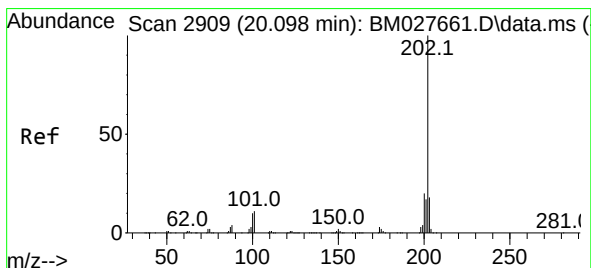
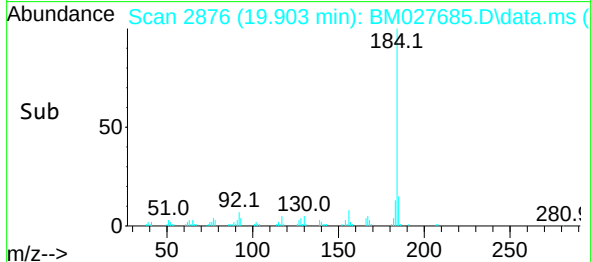
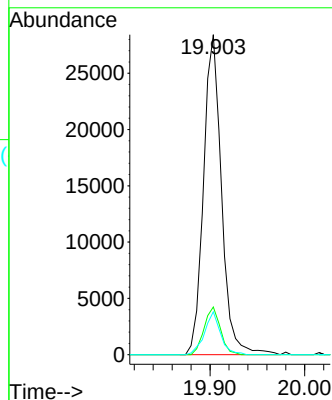
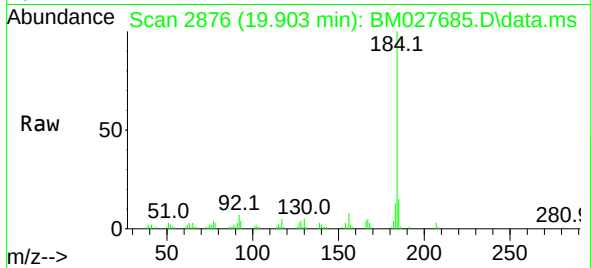




#77
Benzidine
Concen: 8.74 ng
RT: 19.903 min Scan# 2876
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

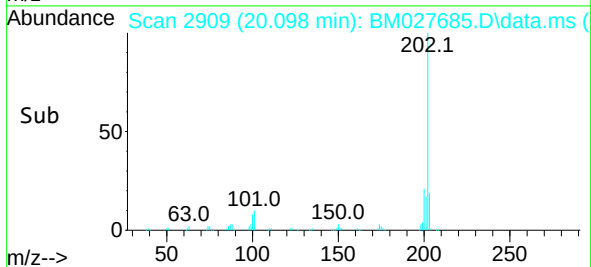
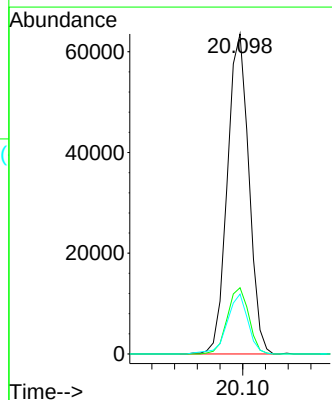
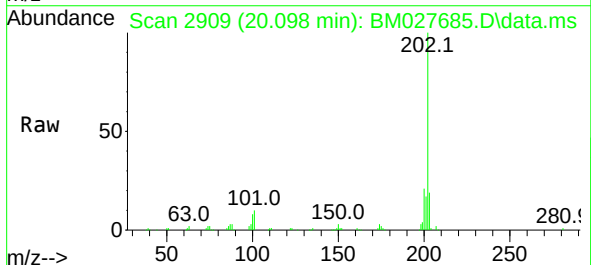
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

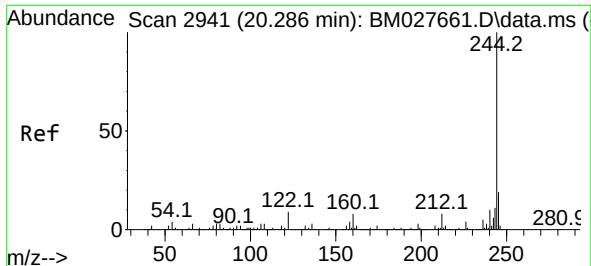
Tgt Ion:184 Resp: 37582
Ion Ratio Lower Upper
184 100
185 14.9 11.0 16.6
183 13.4 9.7 14.5



#78
Pyrene
Concen: 7.97 ng
RT: 20.098 min Scan# 2909
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:202 Resp: 83520
Ion Ratio Lower Upper
202 100
200 20.7 16.6 24.8
203 18.7 13.8 20.6

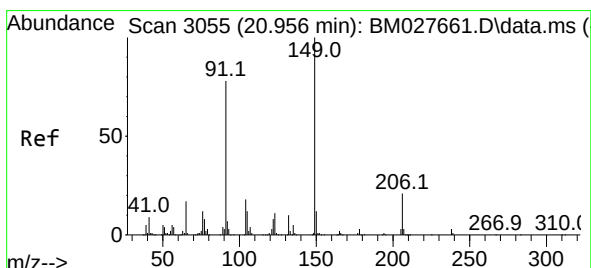
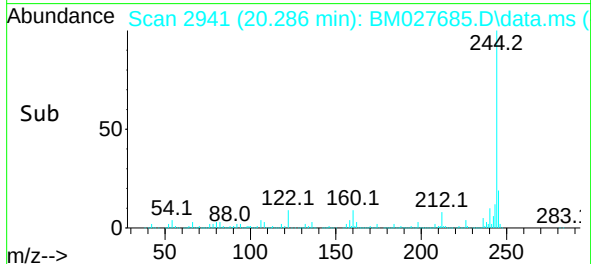
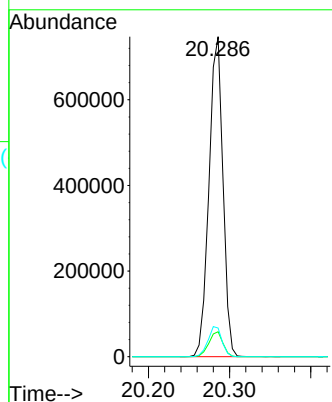
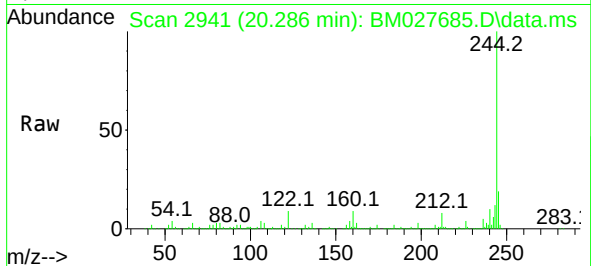




#79
 Terphenyl-d14
 Concen: 116.09 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027685.D
 Acq: 03 Nov 2020 11:57

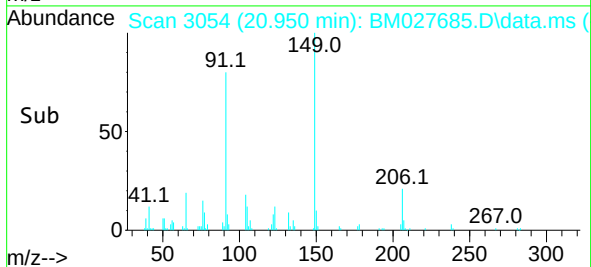
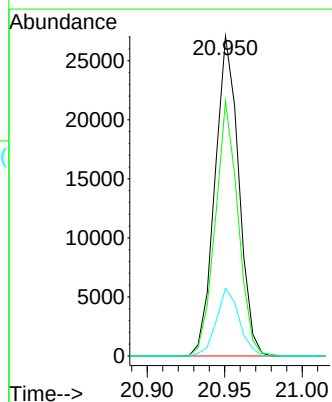
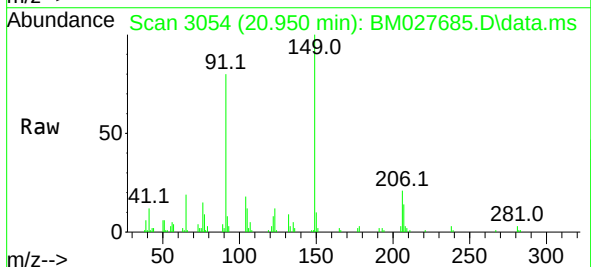
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

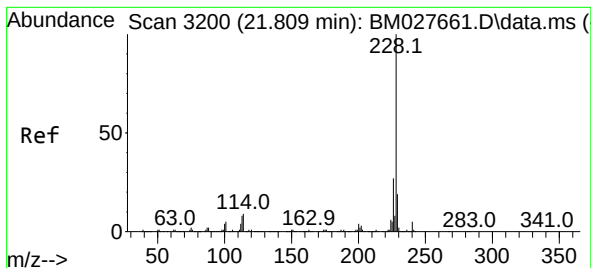
Tgt Ion:244 Resp: 889262
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 9.0 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 7.29 ng
 RT: 20.950 min Scan# 3054
 Delta R.T. -0.006 min
 Lab File: BM027685.D
 Acq: 03 Nov 2020 11:57

Tgt Ion:149 Resp: 28914
 Ion Ratio Lower Upper
 149 100
 91 79.7 58.1 87.1
 206 21.1 18.7 28.1





#81

Benzo(a)anthracene

Concen: 8.02 ng

RT: 21.809 min Scan# 3200

Delta R.T. 0.000 min

Lab File: BM027685.D

Acq: 03 Nov 2020 11:57

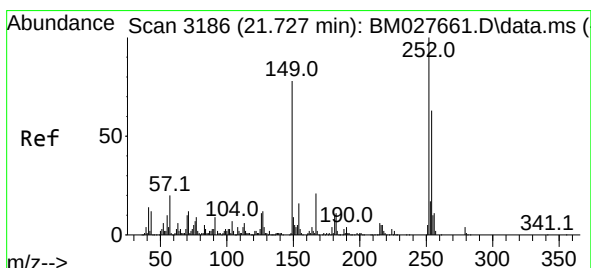
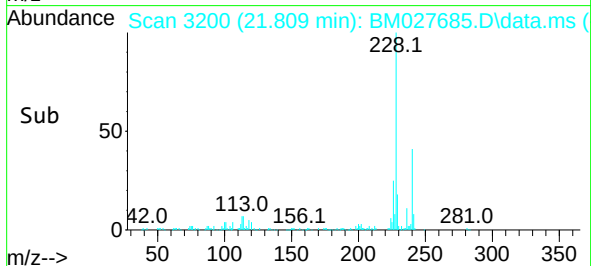
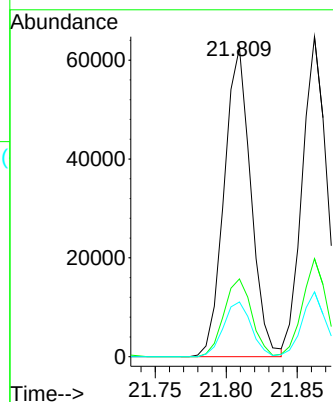
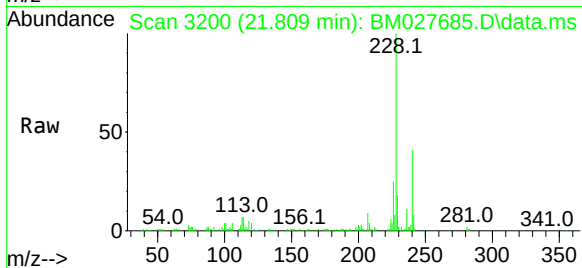
Tgt Ion:228 Resp: 81853

Ion Ratio Lower Upper

228 100

226 25.2 21.1 31.7

229 17.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 8.44 ng

RT: 21.727 min Scan# 3186

Delta R.T. 0.000 min

Lab File: BM027685.D

Acq: 03 Nov 2020 11:57

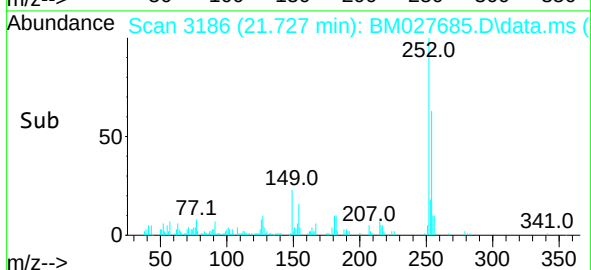
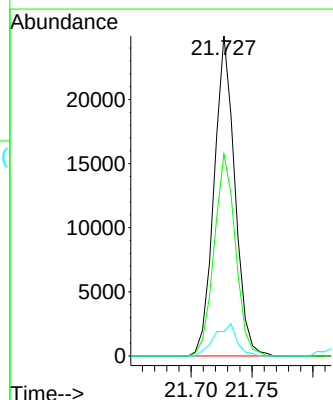
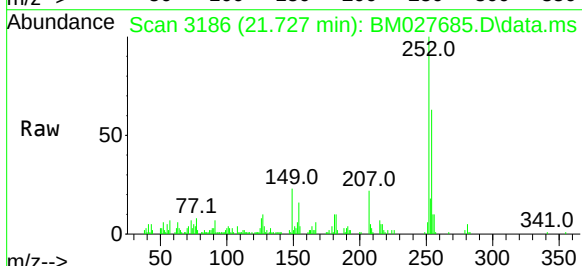
Tgt Ion:252 Resp: 29553

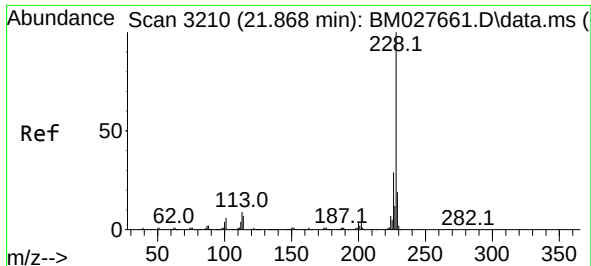
Ion Ratio Lower Upper

252 100

254 63.1 51.4 77.0

126 7.6 6.8 10.2

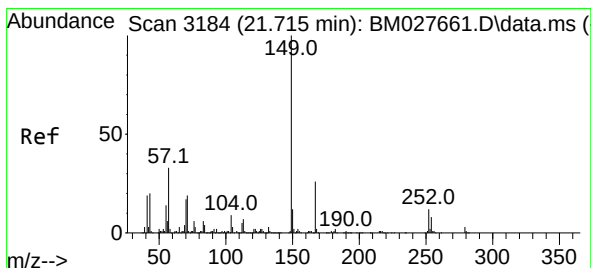
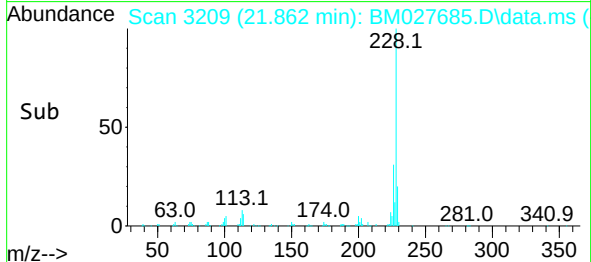
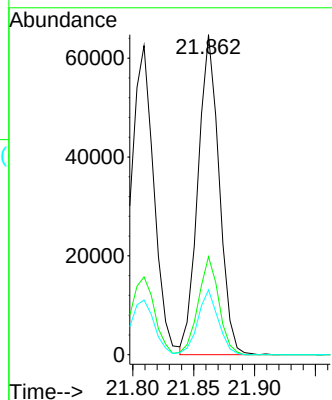
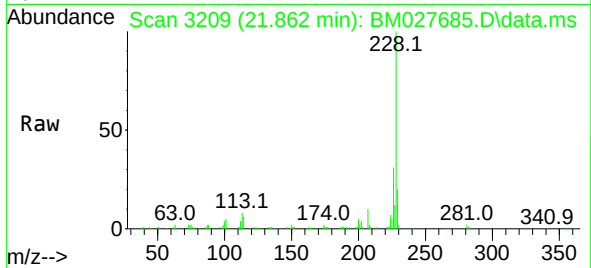




#83
Chrysene
Concen: 7.96 ng
RT: 21.862 min Scan# 3209
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

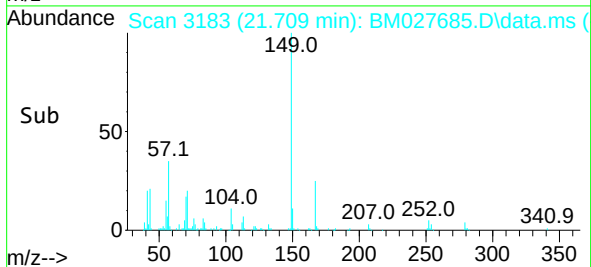
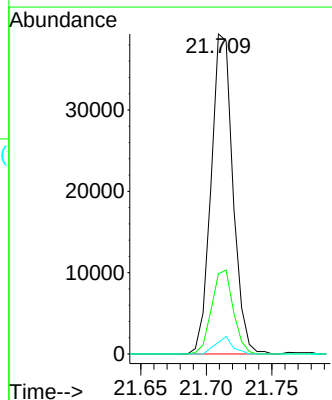
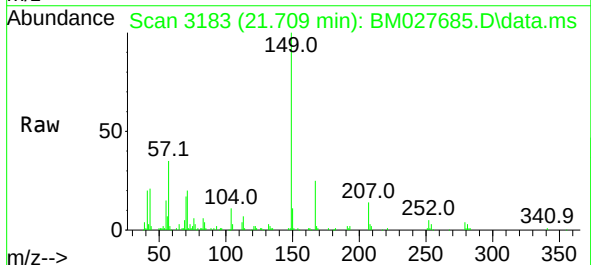
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

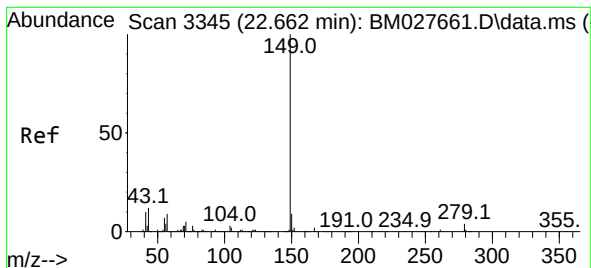
Tgt Ion:228 Resp: 78311
Ion Ratio Lower Upper
228 100
226 30.7 23.4 35.0
229 20.2 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 7.86 ng
RT: 21.709 min Scan# 3183
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:149 Resp: 45566
Ion Ratio Lower Upper
149 100
167 25.0 22.7 34.1
279 3.6 4.0 6.0#

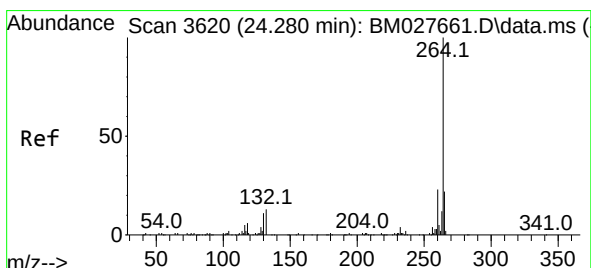
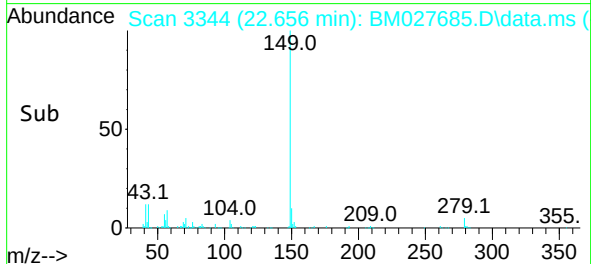
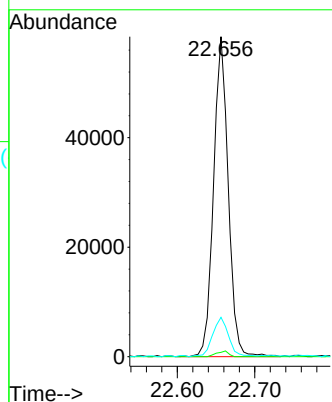
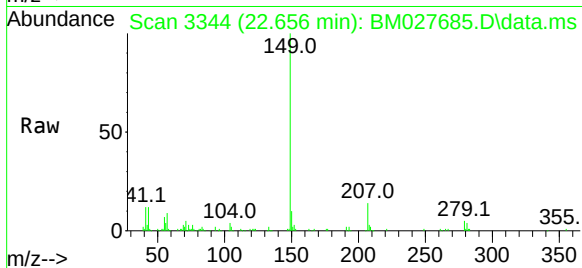




#85
Di-n-octyl phthalate
Concen: 7.86 ng
RT: 22.656 min Scan# 3344
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

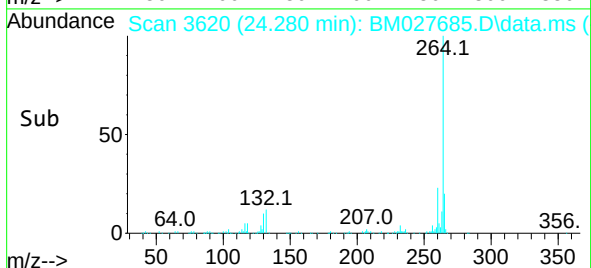
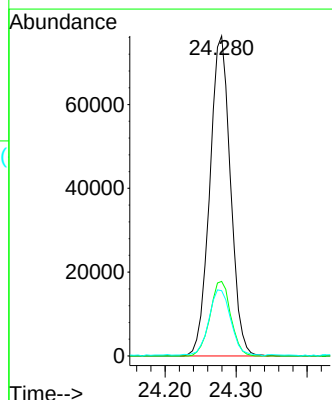
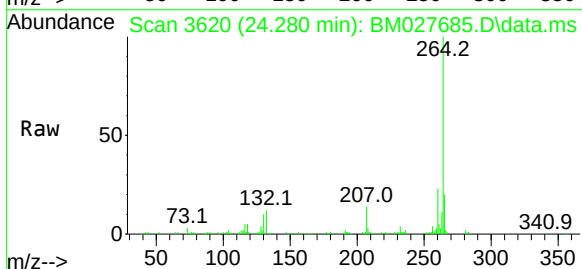
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

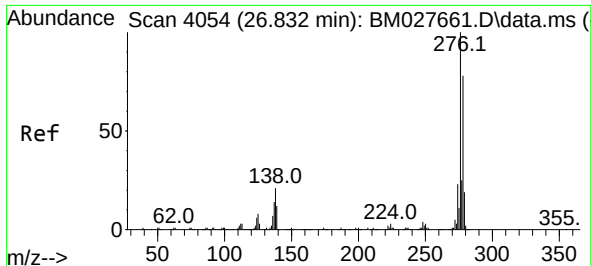
Tgt Ion:149 Resp: 76956
Ion Ratio Lower Upper
149 100
167 1.4 1.3 1.9
43 13.5 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:264 Resp: 154069
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.4
265 20.4 17.7 26.5

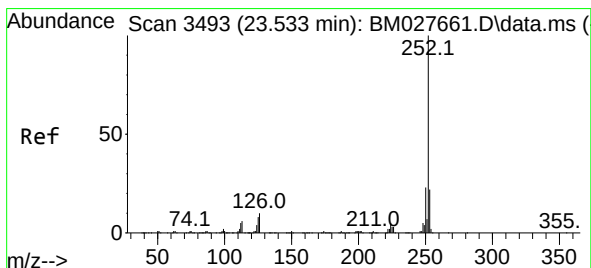
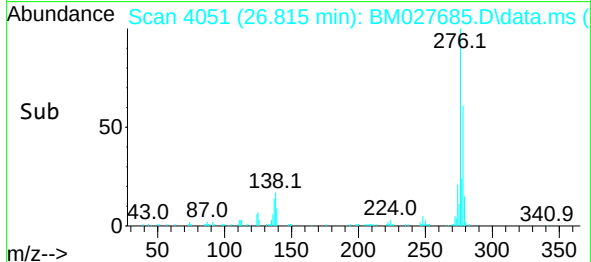
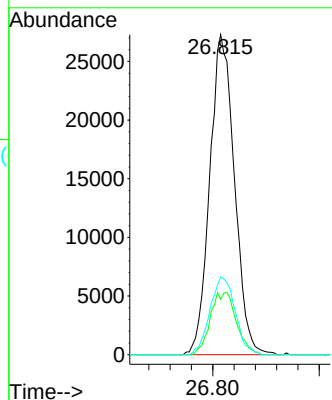
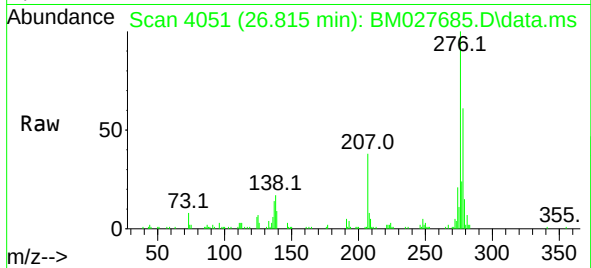




#87
Indeno(1,2,3-cd)pyrene
Concen: 7.79 ng
RT: 26.815 min Scan# 4051
Delta R.T. -0.018 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

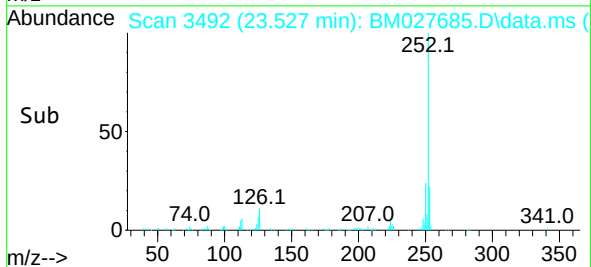
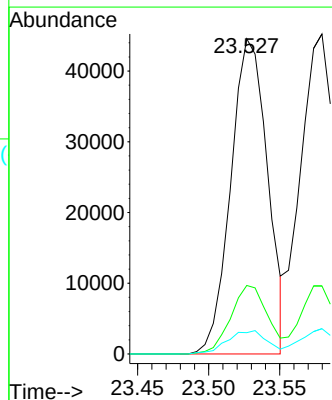
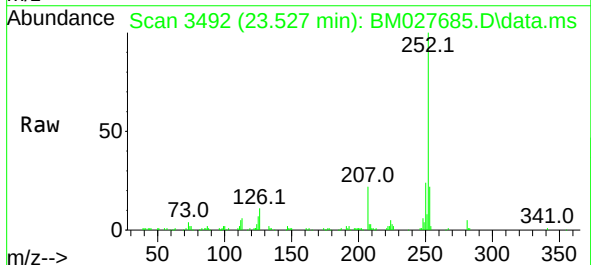
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

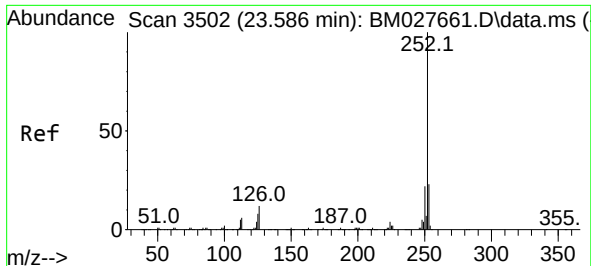
Tgt Ion:276	Resp:	87719
Ion Ratio	Lower	Upper
276	100	
138	20.5	14.2 21.4
277	24.9	19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 7.65 ng
RT: 23.527 min Scan# 3492
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:252	Resp:	80400
Ion Ratio	Lower	Upper
252	100	
253	21.7	17.4 26.0
125	6.7	5.7 8.5

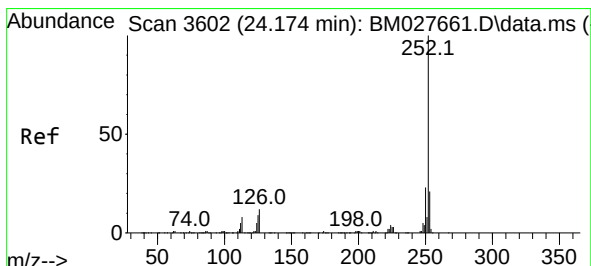
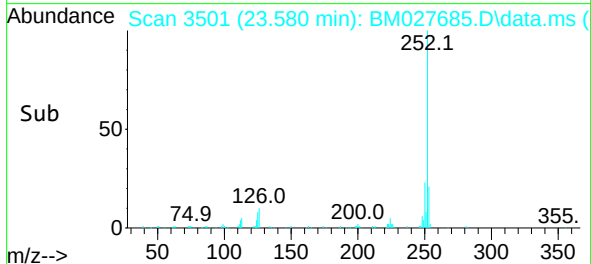
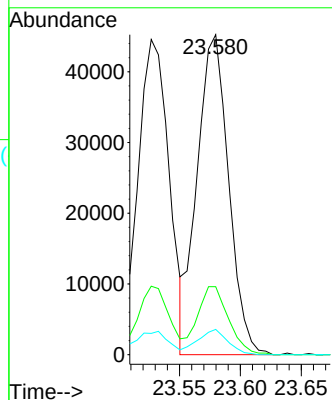
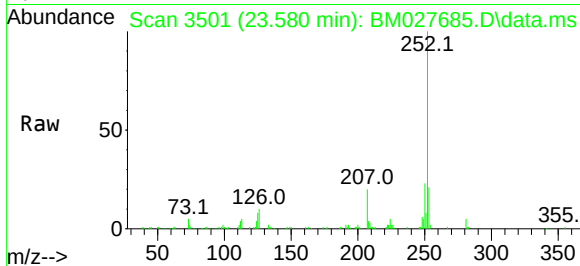




#89
Benzo(k)fluoranthene
Concen: 8.14 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

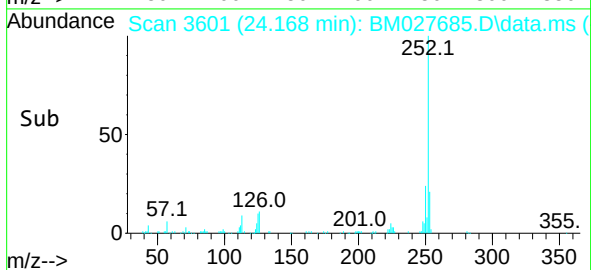
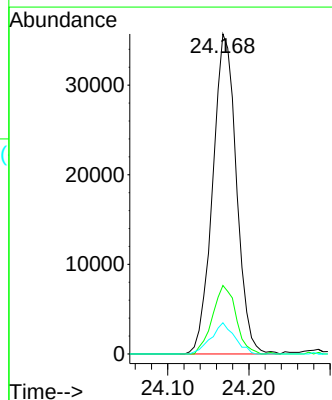
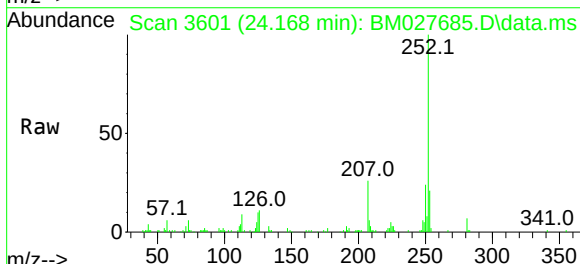
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

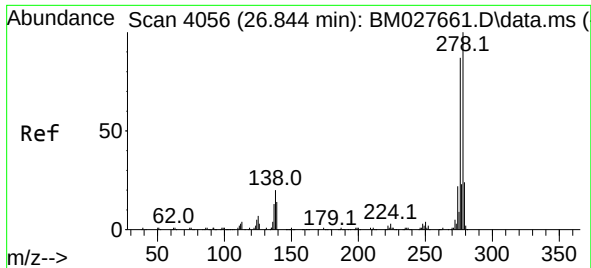
Tgt Ion:252 Resp: 81372
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.0
125 7.9 5.6 8.4



#90
Benzo(a)pyrene
Concen: 7.48 ng
RT: 24.168 min Scan# 3601
Delta R.T. -0.006 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:252 Resp: 72522
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 9.8 6.6 9.8

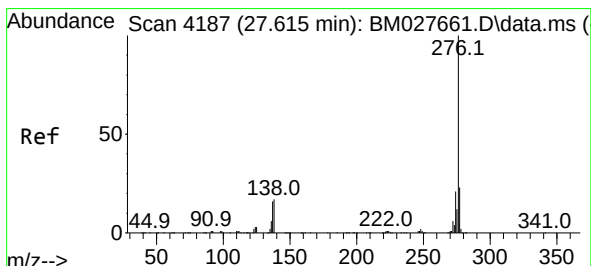
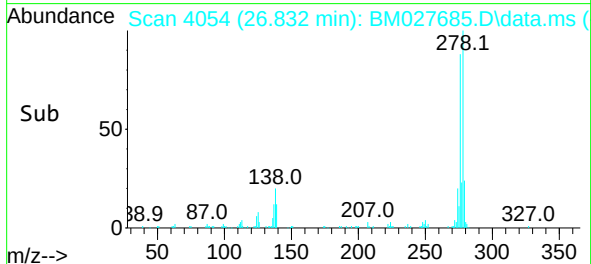
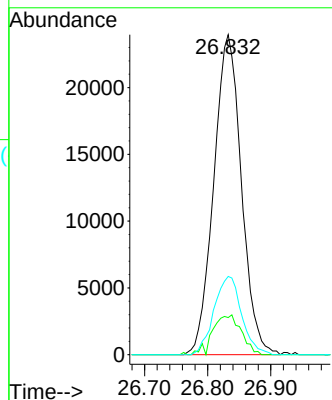
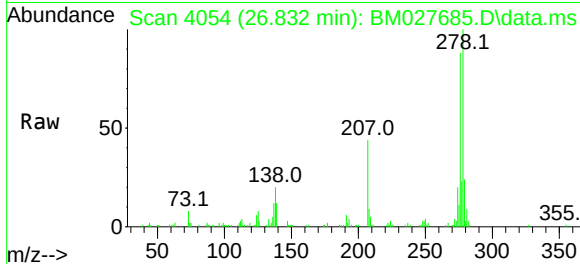




#91
Dibenzo(a,h)anthracene
Concen: 7.91 ng
RT: 26.832 min Scan# 4054
Delta R.T. -0.012 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

Tgt Ion:	278	Resp:	72849
Ion Ratio	Lower	Upper	
278	100		
139	11.6	9.0	13.6
279	24.5	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 8.06 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BM027685.D
Acq: 03 Nov 2020 11:57

Tgt Ion:	276	Resp:	72628
Ion Ratio	Lower	Upper	
276	100		
277	24.7	18.6	28.0
138	15.5	12.2	18.2

