

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110320\
 Data File : BM027684.D
 Acq On : 03 Nov 2020 11:21
 Operator : JU/CG
 Sample : L4214-03
 Misc : MDL-MDL-SOIL-4PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Nov 03 12:07:09 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	8.399	152	24764	20.00	ng	0.00
21) Naphthalene-d8	11.240	136	88316	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	54811	20.00	ng	0.00
64) Phenanthrene-d10	17.722	188	123952	20.00	ng	0.00
76) Chrysene-d12	21.821	240	127612	20.00	ng	0.00
86) Perylene-d12	24.274	264	136618	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	223334	142.50	ng	0.00
7) Phenol-d6	7.522	99	293463	133.22	ng	0.00
23) Nitrobenzene-d5	9.575	82	227118	117.32	ng	0.00
42) 2,4,6-Tribromophenol	16.475	330	111473	170.32	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	453836	118.15	ng	0.00
79) Terphenyl-d14	20.286	244	722689	111.71	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	2383	3.54	ng	# 54
3) Pyridine	4.028	79	6212	3.22	ng	# 48
4) n-Nitrosodimethylamine	3.922	42	5209	4.36	ng	# 32
6) Aniline	7.705	93	9244	3.72	ng	93
8) 2-Chlorophenol	7.952	128	5711	3.63	ng	94
9) Benzaldehyde	7.510	77	6814	6.01	ng	94
10) Phenol	7.546	94	7436	3.57	ng	83
11) bis(2-Chloroethyl)ether	7.799	93	5892	3.68	ng	95
12) 1,3-Dichlorobenzene	8.287	146	7376	3.84	ng	92
13) 1,4-Dichlorobenzene	8.440	146	7296	3.78	ng	95
14) 1,2-Dichlorobenzene	8.763	146	6998	3.81	ng	94
15) Benzyl Alcohol	8.628	79	6790	3.85	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.928	45	9835	3.85	ng	73
17) 2-Methylphenol	8.828	107	5021	3.59	ng	97
18) Hexachloroethane	9.510	117	2797	3.66	ng	# 84
19) n-Nitroso-di-n-propyla...	9.204	70	4911	3.41	ng	# 40
20) 3+4-Methylphenols	9.157	107	6647	3.57	ng	93
22) Acetophenone	9.228	105	9847	3.93	ng	# 76
24) Nitrobenzene	9.616	77	9917	4.98	ng	94
25) Isophorone	10.140	82	13091	3.90	ng	97
26) 2-Nitrophenol	10.334	139	2271	3.47	ng	96
27) 2,4-Dimethylphenol	10.381	122	7044	5.48	ng	84
28) bis(2-Chloroethoxy)met...	10.622	93	7216	3.57	ng	# 92
29) 2,4-Dichlorophenol	10.875	162	5197	3.73	ng	95
30) 1,2,4-Trichlorobenzene	11.098	180	6606	3.90	ng	# 94
31) Naphthalene	11.293	128	17913	3.84	ng	97
32) Benzoic acid	10.381	122	7044	9.31	ng	# 23
33) 4-Chloroaniline	11.387	127	7459	3.63	ng	# 94
34) Hexachlorobutadiene	11.575	225	4323	3.93	ng	# 86
35) Caprolactam	12.110	113	1539	3.32	ng	# 76
36) 4-Chloro-3-methylphenol	12.463	107	5837	3.61	ng	94
37) 2-Methylnaphthalene	12.875	142	13077	3.95	ng	91
38) 1-Methylnaphthalene	13.087	142	11917	3.80	ng	97
40) 1,2,4,5-Tetrachloroben...	13.234	216	7004	4.04	ng	# 98
41) Hexachlorocyclopentadiene	13.216	237	4469	4.74	ng	90
43) 2,4,6-Trichlorophenol	13.451	196	3875	3.44	ng	94

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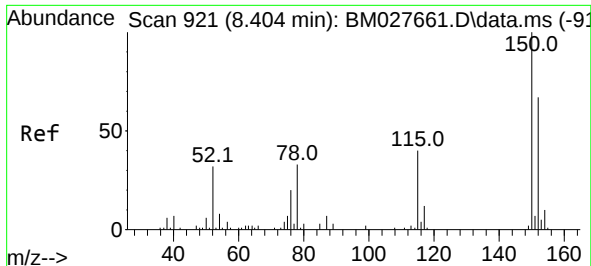
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:06:47 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	4381	3.63	ng	93
46) 1,1'-Biphenyl	13.857	154	17667	4.22	ng	92
47) 2-Chloronaphthalene	13.904	162	13245	3.82	ng	94
48) 2-Nitroaniline	14.086	65	3603	3.09	ng #	81
49) Acenaphthylene	14.739	152	19962	3.81	ng	96
50) Dimethylphthalate	14.451	163	16342	3.72	ng	100
51) 2,6-Dinitrotoluene	14.563	165	3123	3.62	ng #	75
52) Acenaphthene	15.075	154	13151	3.83	ng	95
53) 3-Nitroaniline	14.892	138	3062	3.13	ng #	85
54) 2,4-Dinitrophenol	15.092	184	1254	3.44	ng #	39
55) Dibenzofuran	15.404	168	19986	3.91	ng	96
56) 4-Nitrophenol	15.163	139	2547	3.21	ng	91
57) 2,4-Dinitrotoluene	15.333	165	3762	3.22	ng #	97
58) Fluorene	16.045	166	16981	4.05	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.616	232	3687	3.48	ng #	91
60) Diethylphthalate	15.792	149	17207	3.84	ng	99
61) 4-Chlorophenyl-phenyle...	16.028	204	8421	3.91	ng #	86
62) 4-Nitroaniline	16.028	138	3294	2.97	ng	89
63) Azobenzene	16.322	77	18343	3.96	ng #	83
65) 4,6-Dinitro-2-methylph...	16.092	198	1802	3.61	ng	82
66) n-Nitrosodiphenylamine	16.233	169	13993	3.74	ng	98
67) 4-Bromophenyl-phenylether	16.916	248	5064	3.82	ng #	75
68) Hexachlorobenzene	17.033	284	5938	3.86	ng #	81
69) Atrazine	17.157	200	4620	3.65	ng	92
70) Pentachlorophenol	17.369	266	2975	3.57	ng	96
71) Phenanthrene	17.769	178	26385	3.77	ng	97
72) Anthracene	17.857	178	26631	3.89	ng	99
73) Carbazole	18.110	167	23766	3.66	ng #	97
74) Di-n-butylphthalate	18.651	149	26779	3.51	ng #	98
75) Fluoranthene	19.739	202	30384	3.70	ng	99
77) Benzidine	19.904	184	13559	3.73	ng #	96
78) Pyrene	20.098	202	31570	3.57	ng	98
80) Butylbenzylphthalate	20.951	149	10171	3.04	ng	94
81) Benzo(a)anthracene	21.809	228	31847	3.70	ng	100
82) 3,3'-Dichlorobenzidine	21.727	252	10847	3.67	ng	96
83) Chrysene	21.862	228	31600	3.80	ng	99
84) Bis(2-ethylhexyl)phtha...	21.715	149	17096	3.49	ng #	96
85) Di-n-octyl phthalate	22.657	149	28248	3.42	ng #	83
87) Indeno(1,2,3-cd)pyrene	26.821	276	38098	3.81	ng	98
88) Benzo(b)fluoranthene	23.580	252	33007	3.54	ng	99
89) Benzo(k)fluoranthene	23.580	252	33007	3.72	ng	99
90) Benzo(a)pyrene	24.168	252	30811	3.58	ng	96
91) Dibenzo(a,h)anthracene	26.827	278	32139	3.94	ng	97
92) Benzo(g,h,i)perylene	27.597	276	32320	4.04	ng	96

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

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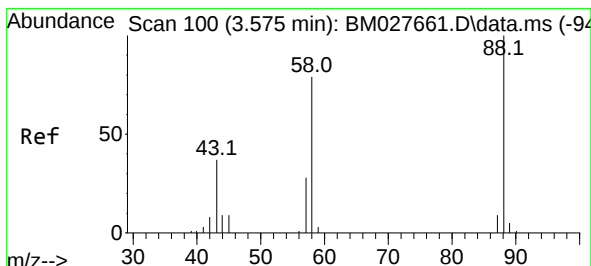
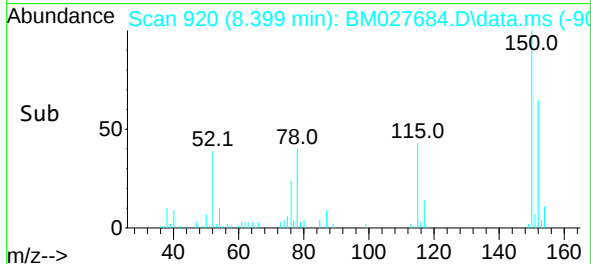
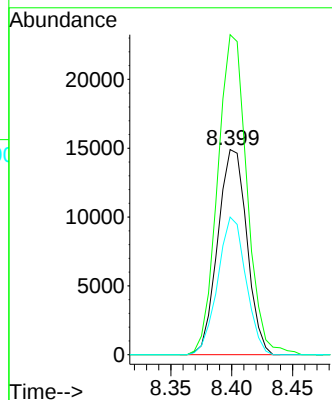
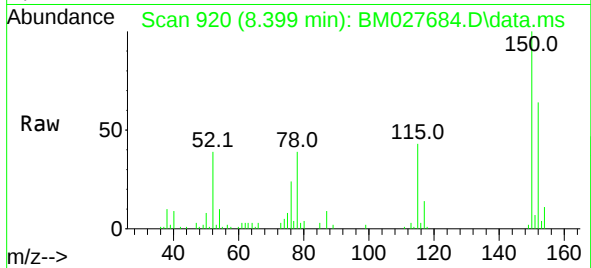




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.399 min Scan# 920
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

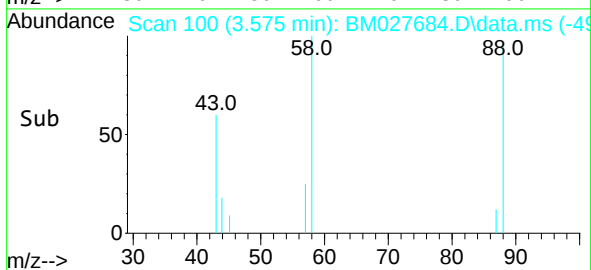
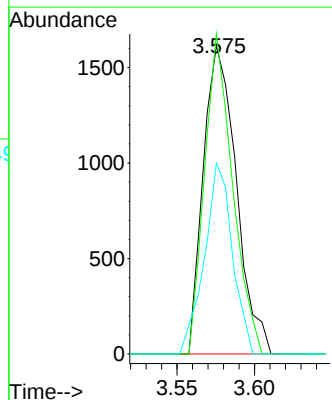
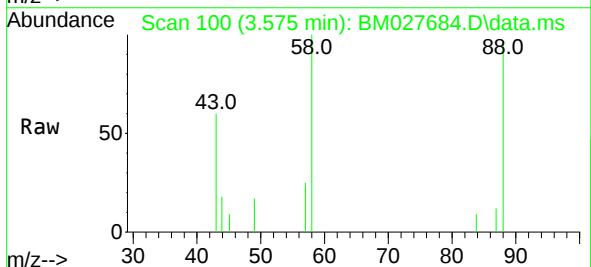
Instrument :
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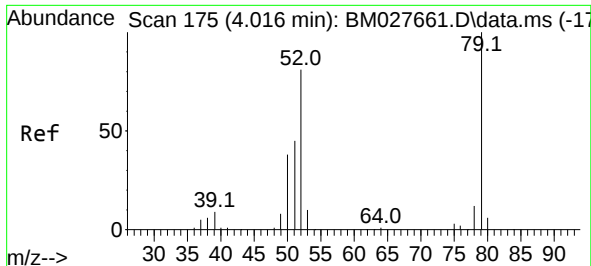
Tgt Ion:152 Resp: 24764
Ion Ratio Lower Upper
152 100
150 156.1 120.6 181.0
115 67.1 47.2 70.8



#2
1,4-Dioxane
Concen: 3.54 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

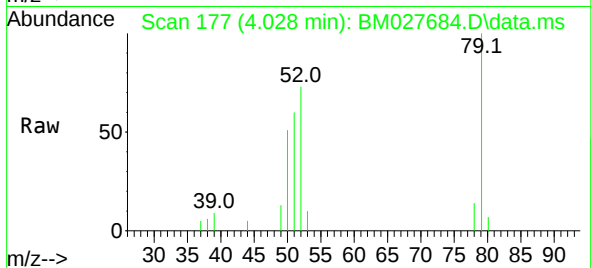
Tgt Ion: 88 Resp: 2383
Ion Ratio Lower Upper
88 100
58 88.2 46.2 69.2#
43 52.5 19.0 28.6#



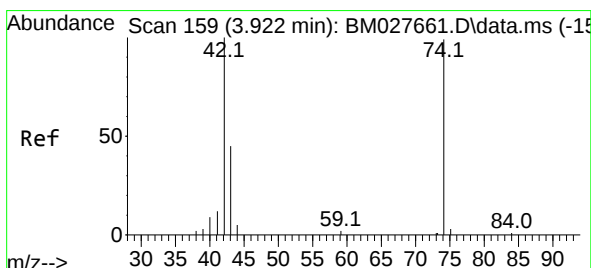
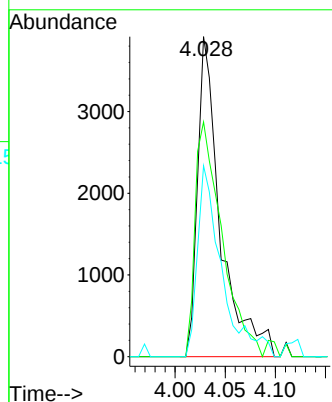
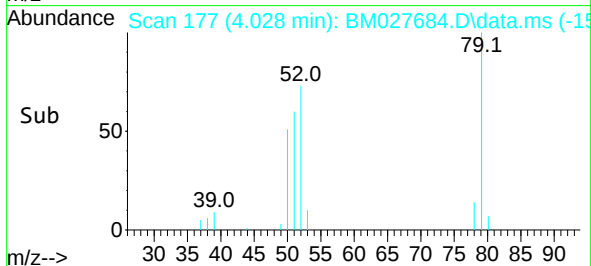


#3
Pyridine
Concen: 3.22 ng
RT: 4.028 min Scan# 177
Delta R.T. 0.012 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

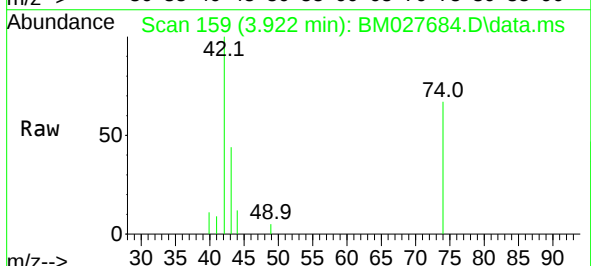
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ClientSampleId :
MDL-SOIL-03-QT4-2020



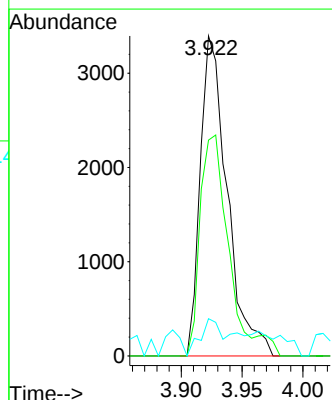
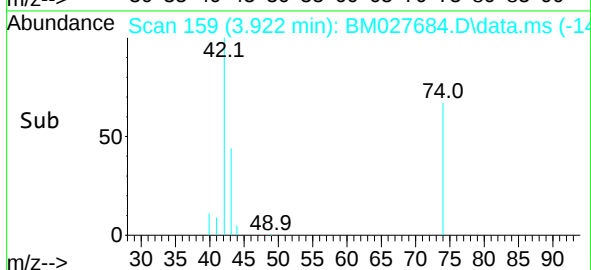
Tgt Ion: 79 Resp: 6212
Ion Ratio Lower Upper
79 100
52 73.4 35.8 53.8#
51 59.7 21.0 31.6#

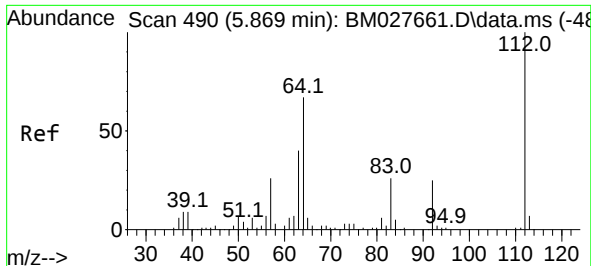


#4
n-Nitrosodimethylamine
Concen: 4.36 ng
RT: 3.922 min Scan# 159
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21



Tgt Ion: 42 Resp: 5209
Ion Ratio Lower Upper
42 100
74 67.5 127.8 191.6#
44 11.6 4.1 6.1#

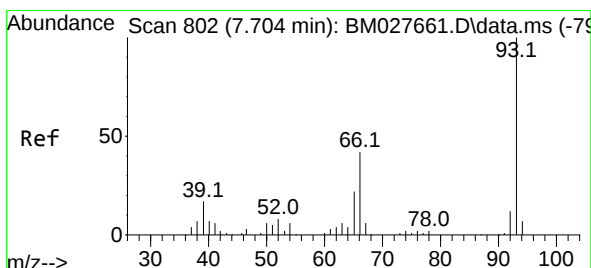
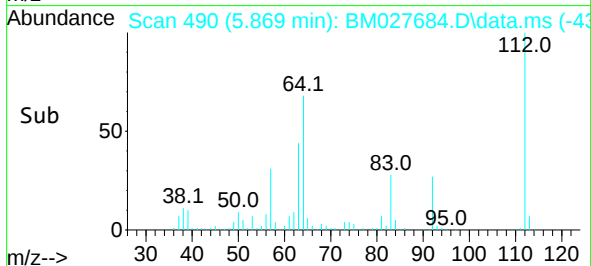
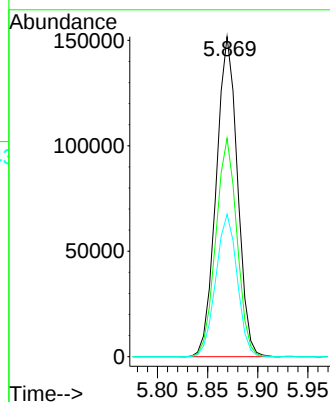
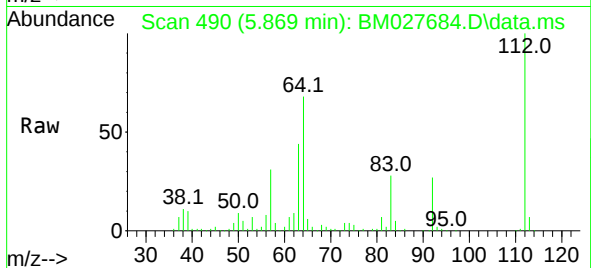




#5
2-Fluorophenol
Concen: 142.50 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

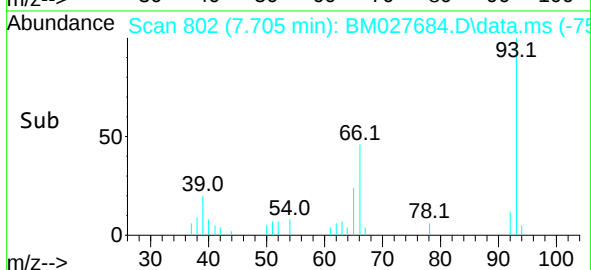
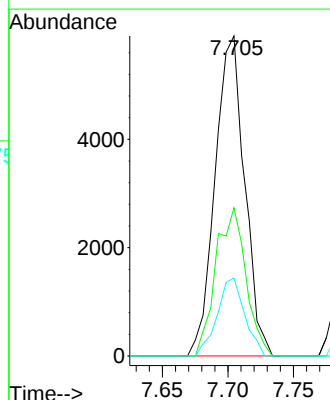
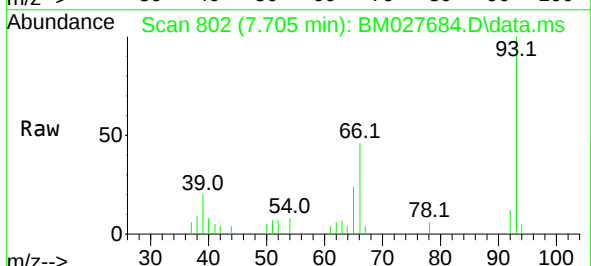
Instrument :
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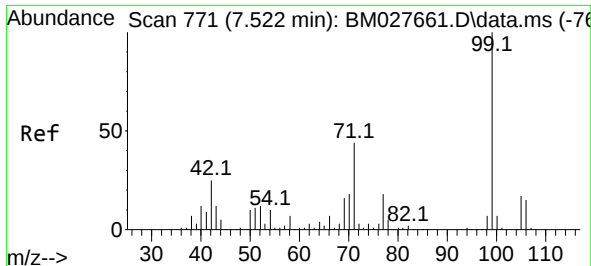
Tgt Ion:112 Resp: 223334
Ion Ratio Lower Upper
112 100
64 68.2 50.6 76.0
63 44.5 31.0 46.6



#6
Aniline
Concen: 3.72 ng
RT: 7.705 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion: 93 Resp: 9244
Ion Ratio Lower Upper
93 100
66 46.3 33.3 49.9
65 24.3 17.4 26.0

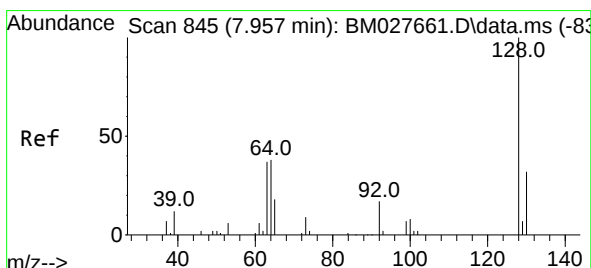
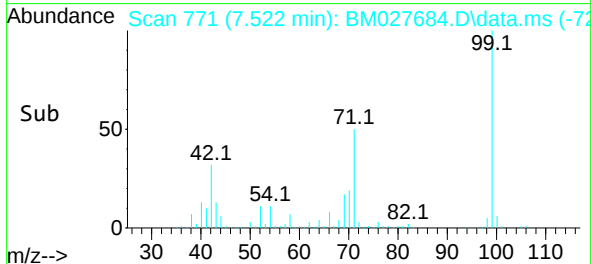
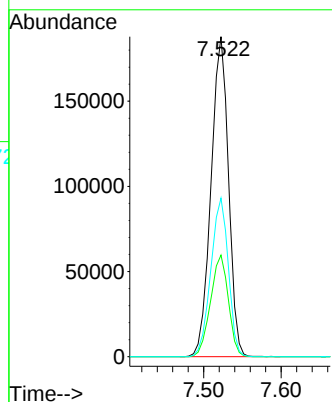
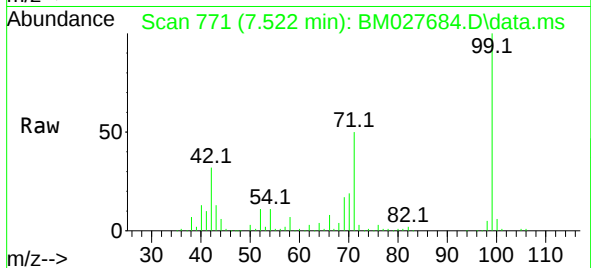




#7
Phenol-d6
Concen: 133.22 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

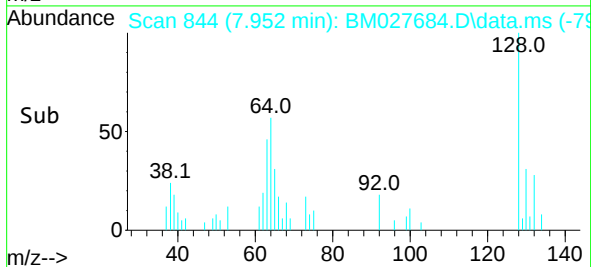
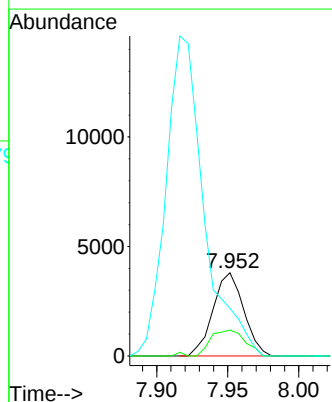
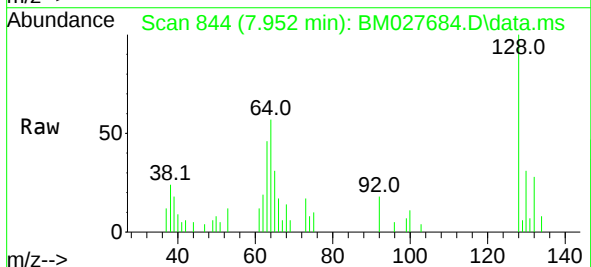
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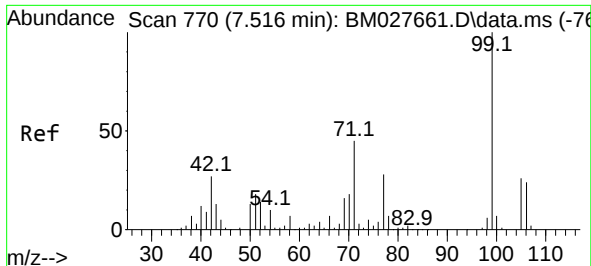
Tgt Ion: 99 Resp: 293463
Ion Ratio Lower Upper
99 100
42 31.8 13.5 20.3#
71 49.5 39.4 59.0



#8
2-Chlorophenol
Concen: 3.63 ng
RT: 7.952 min Scan# 844
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

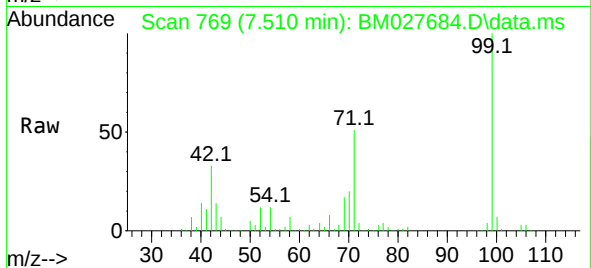
Tgt Ion: 128 Resp: 5711
Ion Ratio Lower Upper
128 100
130 31.1 11.5 51.5
64 57.1 30.1 70.1



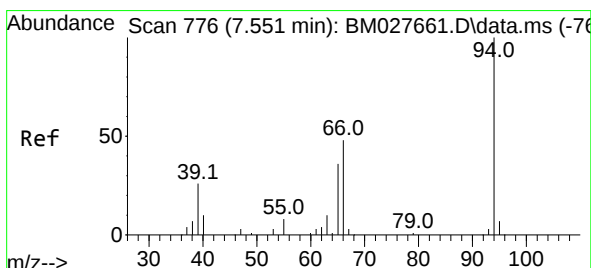
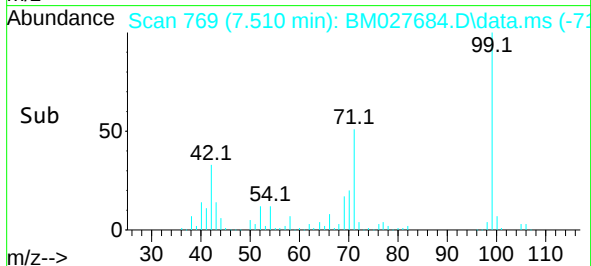
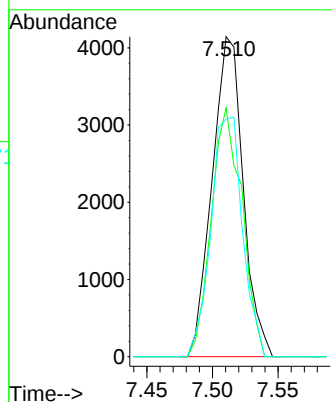


#9
Benzaldehyde
Concen: 6.01 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

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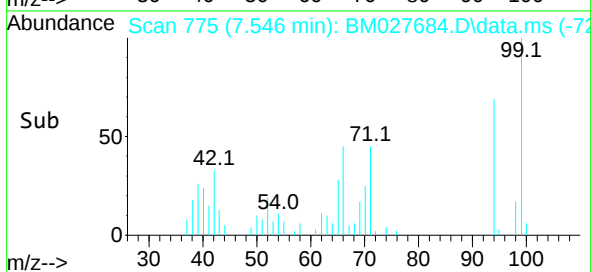
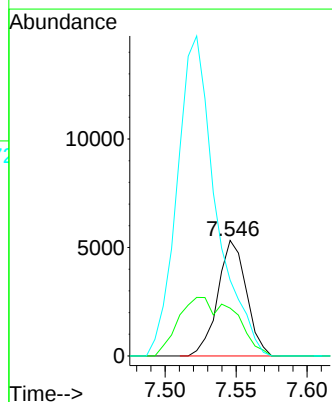
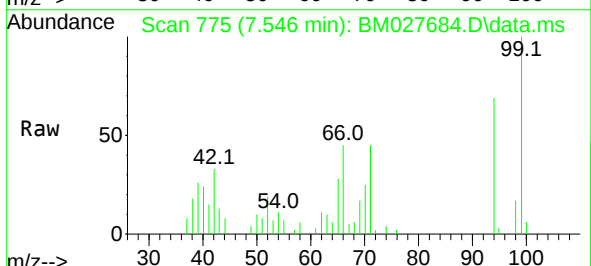


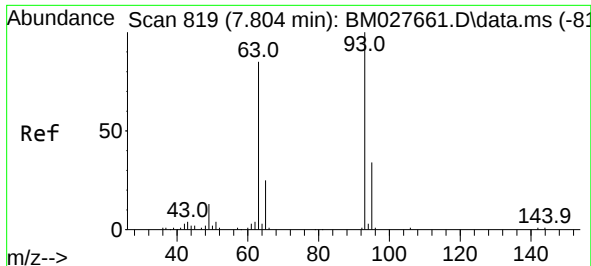
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Ion Ratio	Lower Upper
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105 77.8	64.7 104.7
106 74.3	57.5 97.5



#10
Phenol
Concen: 3.57 ng
RT: 7.546 min Scan# 775
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

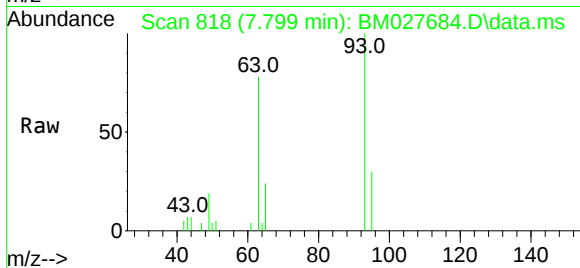
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Ion Ratio	Lower Upper
94 100	
65 41.5	16.4 56.4
66 65.7	30.2 70.2



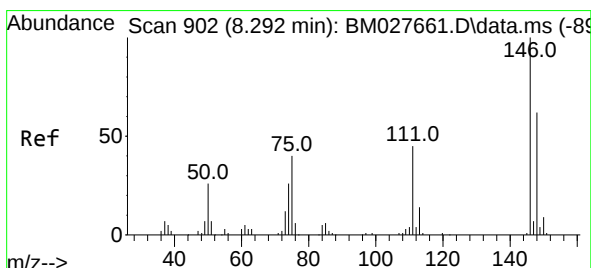
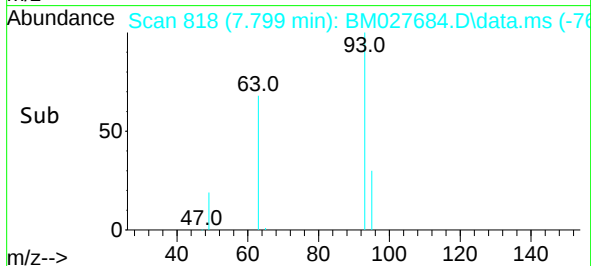
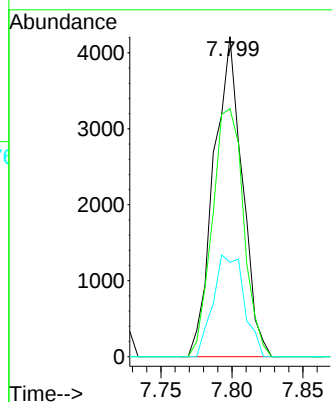


#11
bis(2-Chloroethyl)ether
Concen: 3.68 ng
RT: 7.799 min Scan# 818
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

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

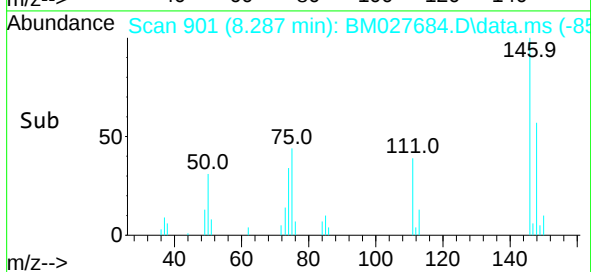
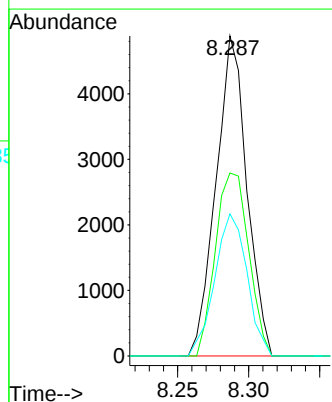
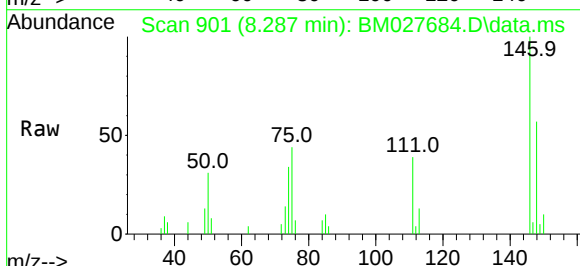


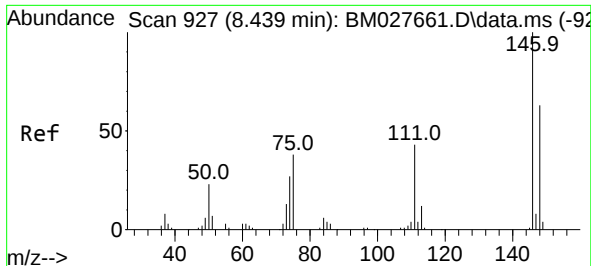
Tgt Ion:	93	Resp:	5892
Ion	Ratio	Lower	Upper
93	100		
63	77.5	53.1	93.1
95	29.6	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 3.84 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	146	Resp:	7376
Ion	Ratio	Lower	Upper
146	100		
148	57.2	51.6	77.4
75	44.4	33.0	49.6

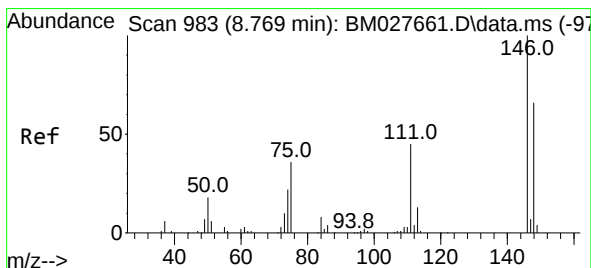
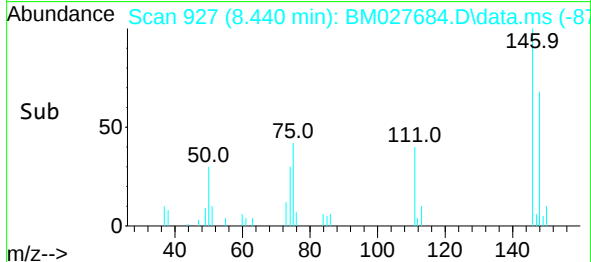
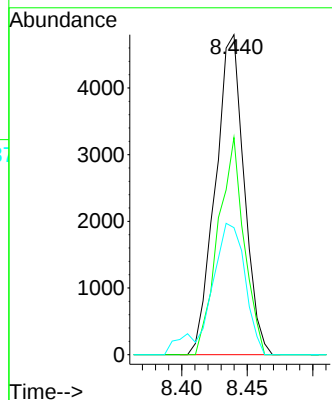
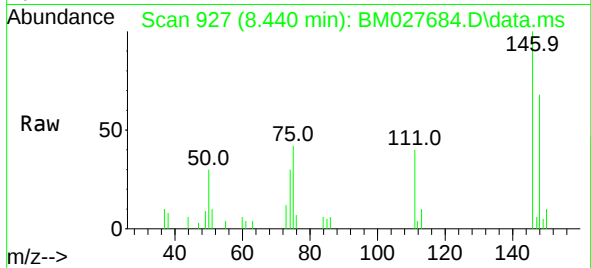




#13
1,4-Dichlorobenzene
Concen: 3.78 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.001 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

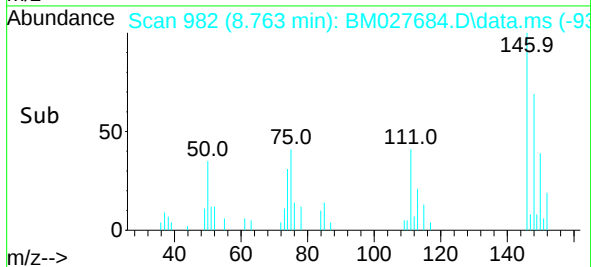
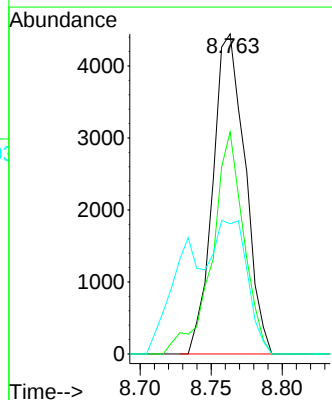
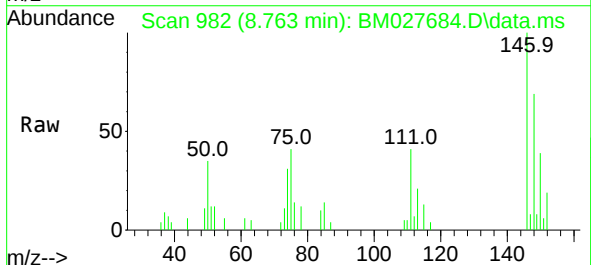
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

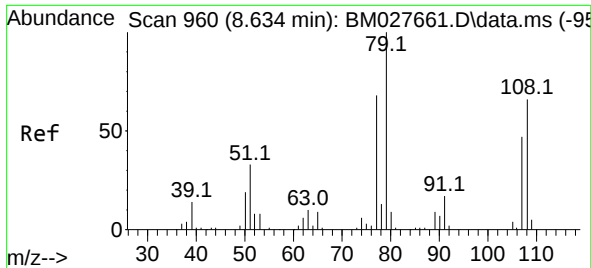
Tgt Ion:	146	Resp:	7296
Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.4	77.0
111	39.7	34.4	51.6



#14
1,2-Dichlorobenzene
Concen: 3.81 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	146	Resp:	6998
Ion	Ratio	Lower	Upper
146	100		
148	69.4	51.3	76.9
111	40.7	35.4	53.0

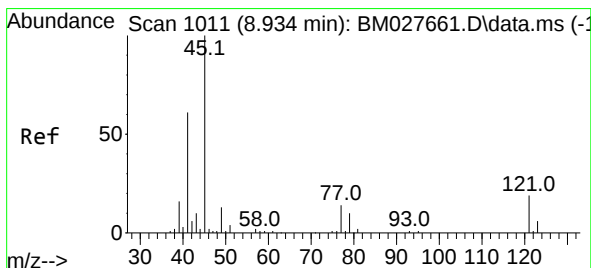
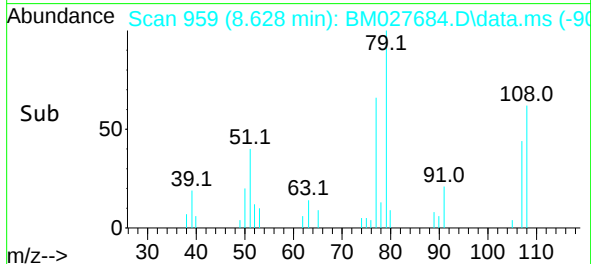
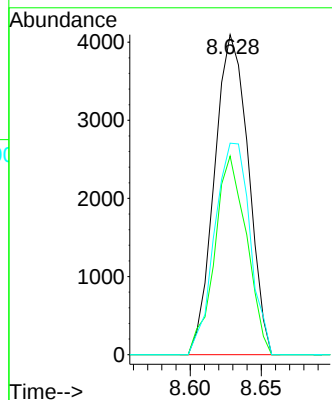
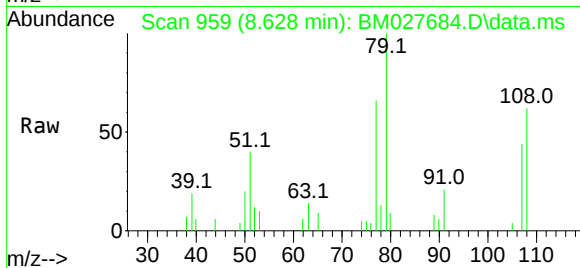




#15
Benzyl Alcohol
Concen: 3.85 ng
RT: 8.628 min Scan# 959
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

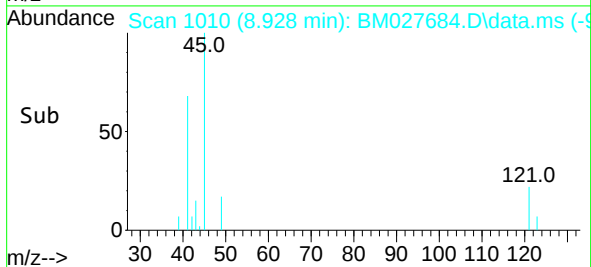
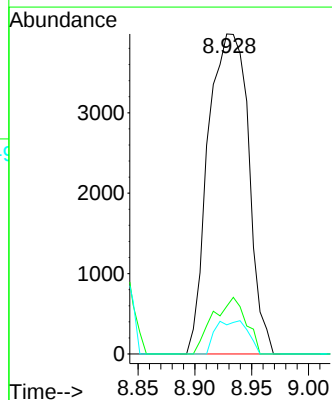
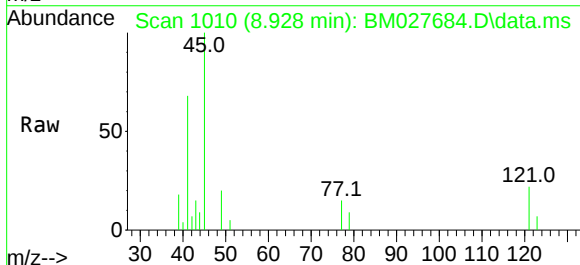
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

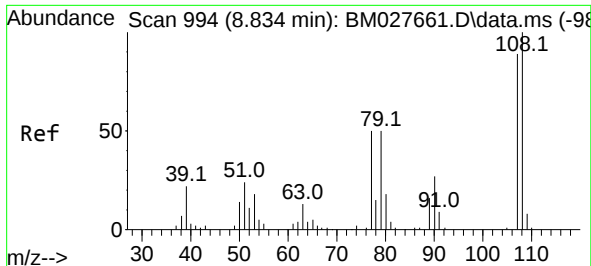
Tgt Ion: 79	Resp: 6790
Ion Ratio	Lower Upper
79 100	
108 62.0	49.0 73.4
77 66.1	55.2 82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.85 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion: 45	Resp: 9835
Ion Ratio	Lower Upper
45 100	
77 14.9	9.5 49.5
79 9.1	1.8 41.8

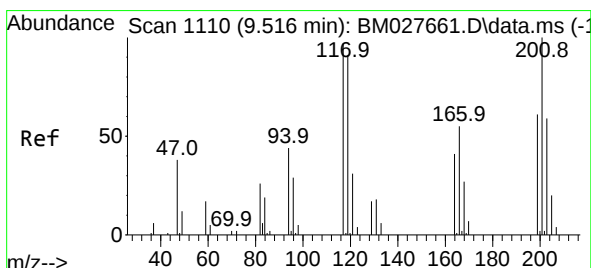
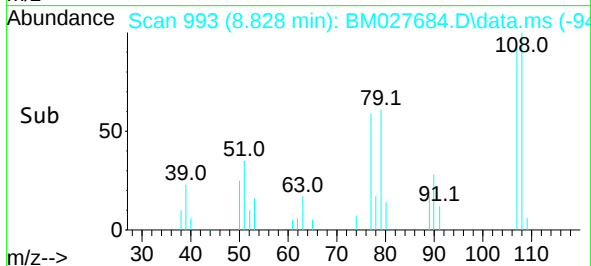
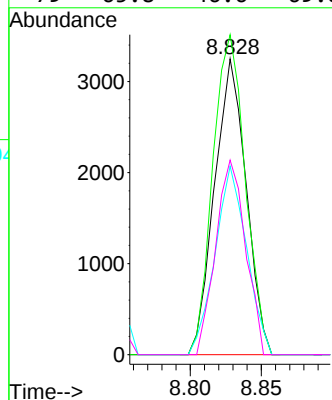
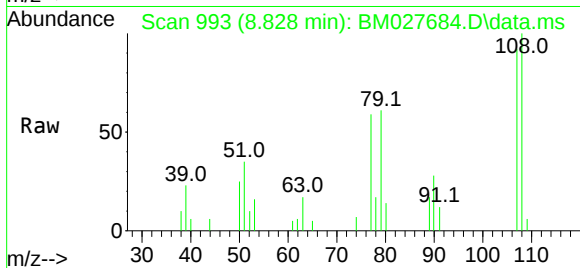




#17
2-Methylphenol
Concen: 3.59 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

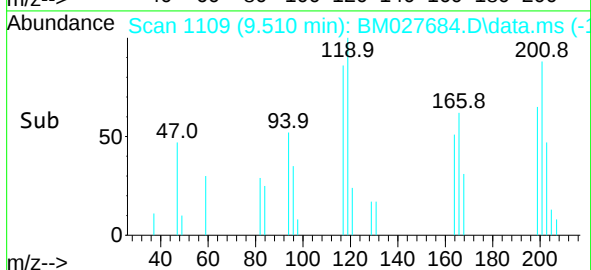
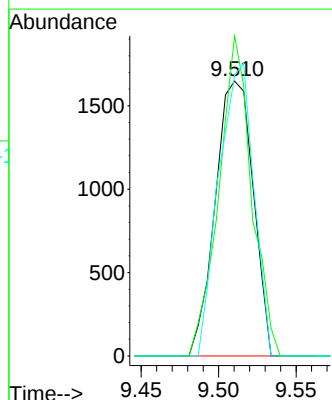
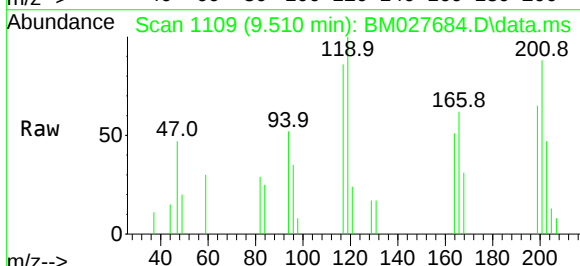
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

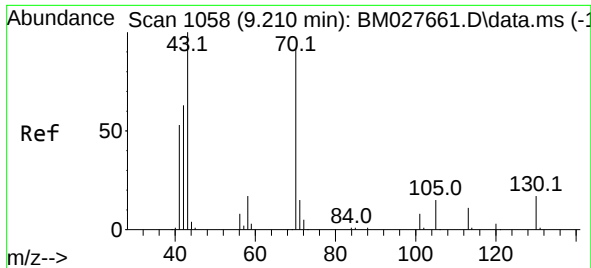
Tgt Ion:	107	Resp:	5021
Ion	Ratio	Lower	Upper
107	100		
108	108.2	87.8	131.6
77	63.7	50.9	76.3
79	65.8	46.6	69.8



#18
Hexachloroethane
Concen: 3.66 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	117	Resp:	2797
Ion	Ratio	Lower	Upper
117	100		
119	116.4	73.1	109.7#
201	102.1	88.7	133.1

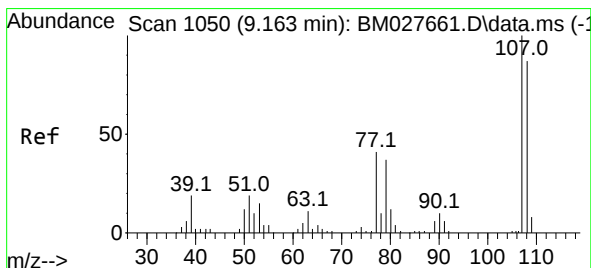
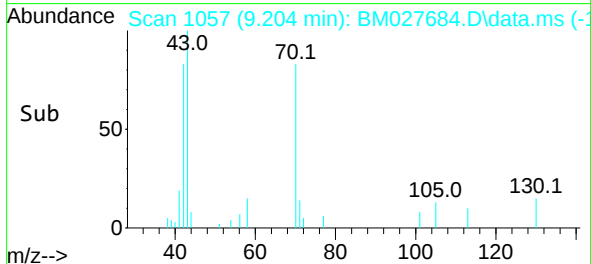
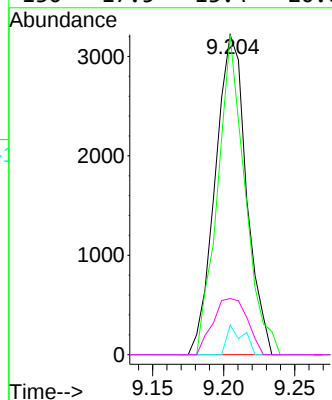
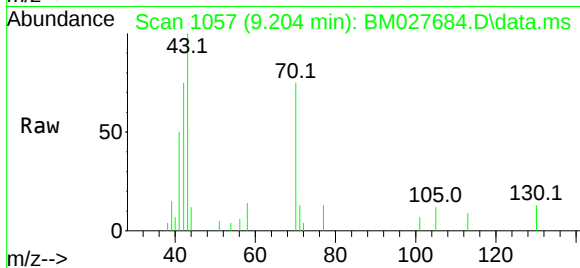




#19
n-Nitroso-di-n-propylamine
Concen: 3.41 ng
RT: 9.204 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

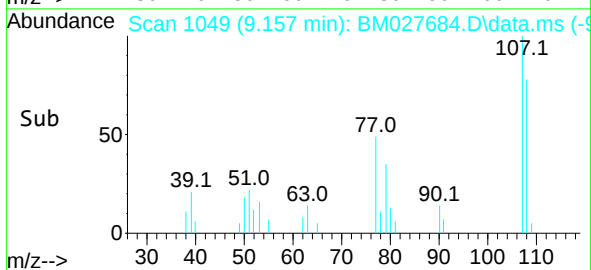
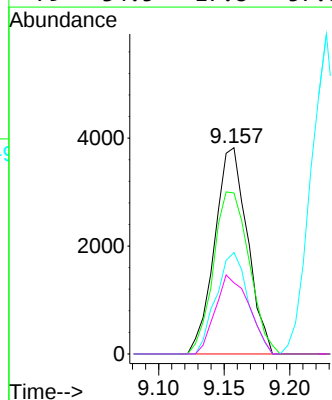
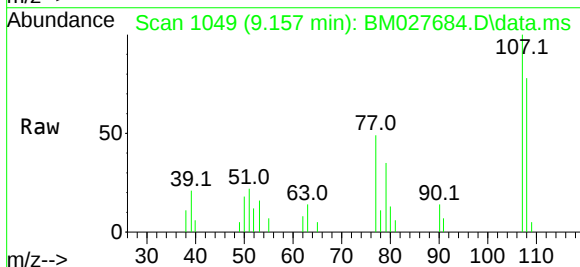
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

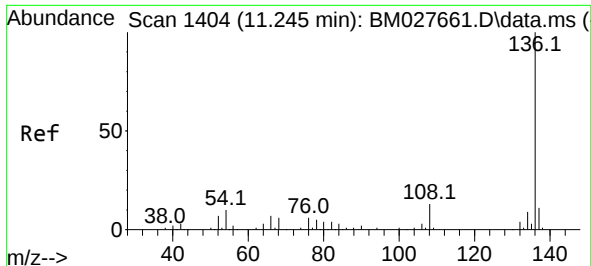
Tgt Ion: 70	Resp: 4911
Ion Ratio	Lower Upper
70 100	
42 99.9	31.9 47.9#
101 9.3	7.0 10.4
130 17.5	13.4 20.0



#20
3+4-Methylphenols
Concen: 3.57 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt	Ion:107	Resp:	6647
Ion	Ratio	Lower	Upper
107	100		
108	78.0	64.5	104.5
77	49.2	24.2	64.2
79	34.5	17.8	57.8

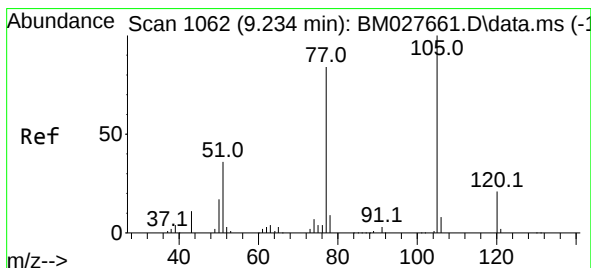
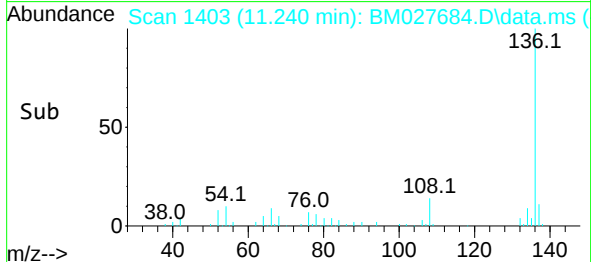
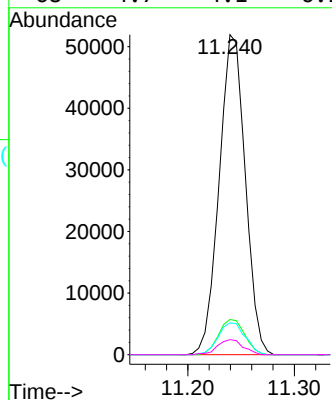
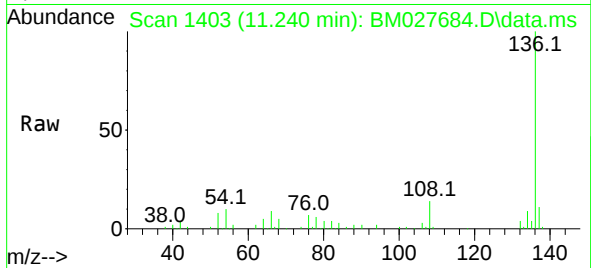




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.240 min Scan# 1403
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

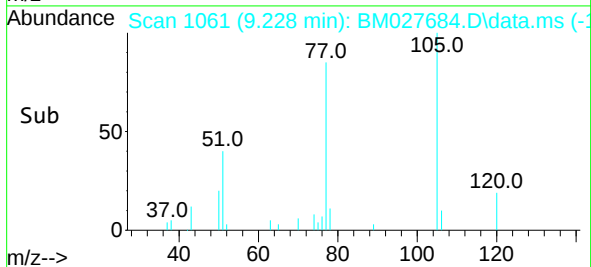
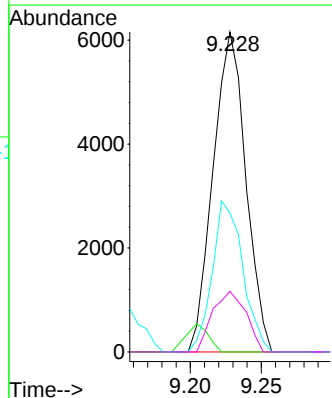
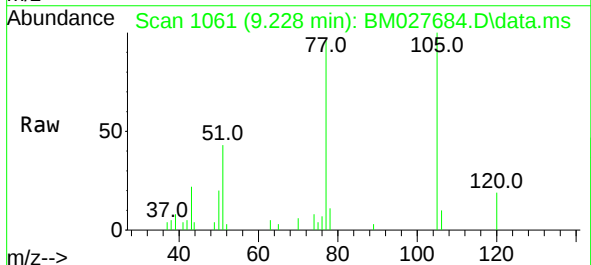
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

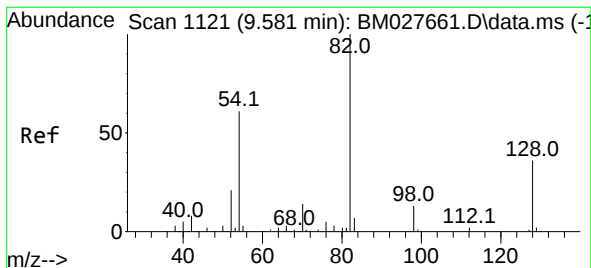
Tgt Ion:136	Resp:	88316
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 12.8
54	9.9	4.6 7.0#
68	4.7	4.1 6.1



#22
Acetophenone
Concen: 3.93 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:105	Resp:	9847
Ion Ratio	Lower	Upper
105	100	
71	0.0	7.6 11.4#
51	43.4	18.6 28.0#
120	19.0	17.3 25.9

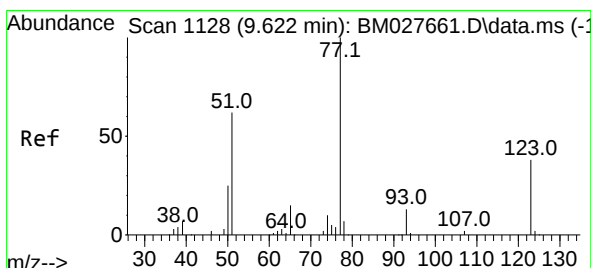
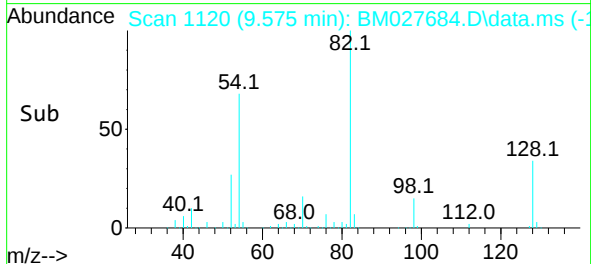
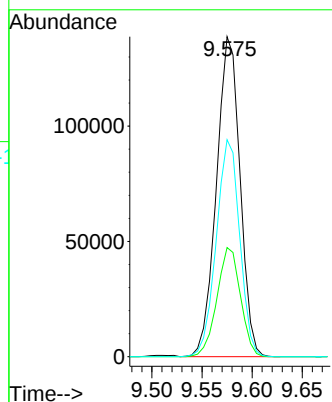
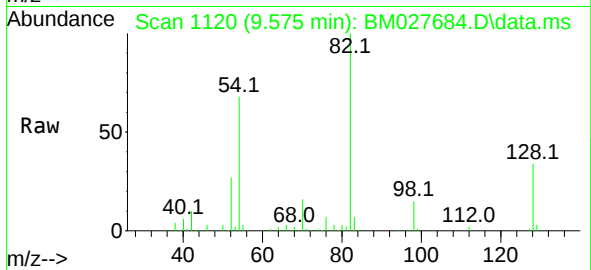




#23
Nitrobenzene-d5
Concen: 117.32 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

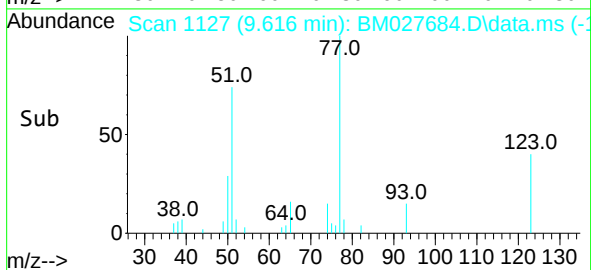
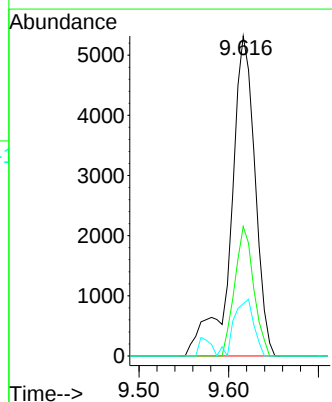
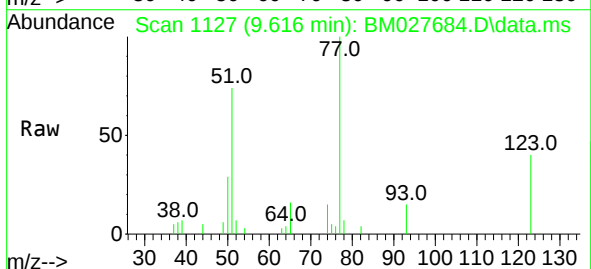
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

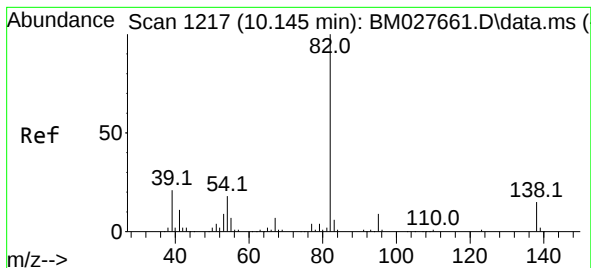
Tgt Ion: 82 Resp: 227118
Ion Ratio Lower Upper
82 100
128 34.1 27.4 41.0
54 67.8 31.4 47.0#



#24
Nitrobenzene
Concen: 4.98 ng
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion: 77 Resp: 9917
Ion Ratio Lower Upper
77 100
123 40.4 29.1 43.7
65 16.3 11.3 16.9





#25

Isophorone

Concen: 3.90 ng

RT: 10.140 min Scan# 1216

Delta R.T. -0.005 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

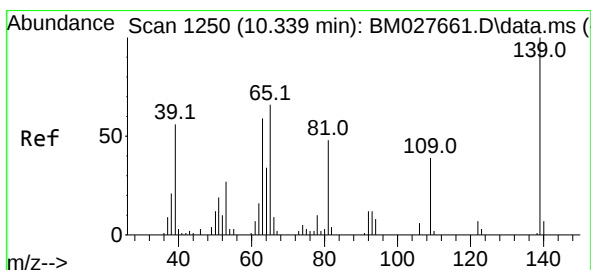
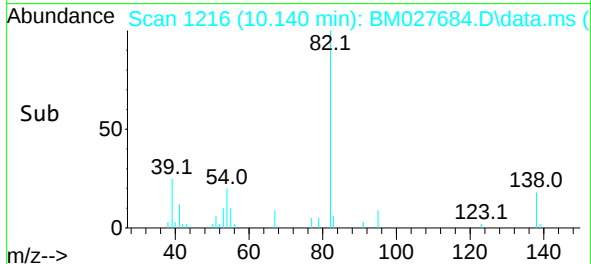
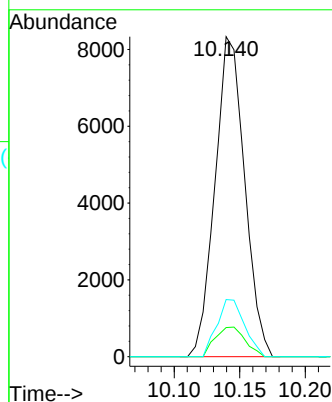
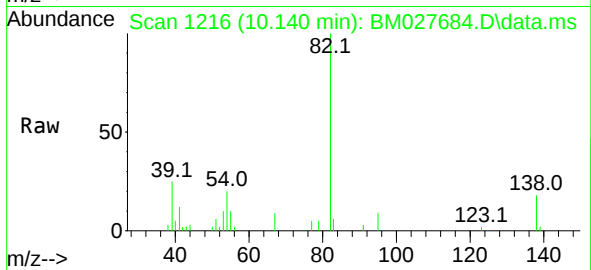
Tgt Ion:	82	Resp:	13091
Ion	Ratio	Lower	Upper
82	100		
95	9.1	6.8	10.2
138	17.8	13.1	19.7

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020



#26

2-Nitrophenol

Concen: 3.47 ng

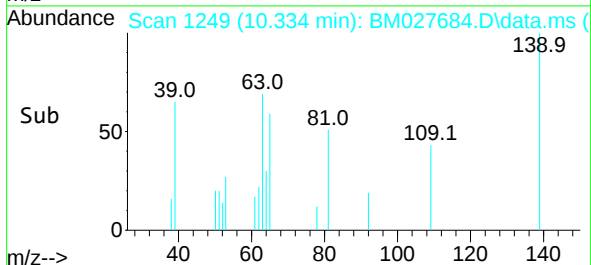
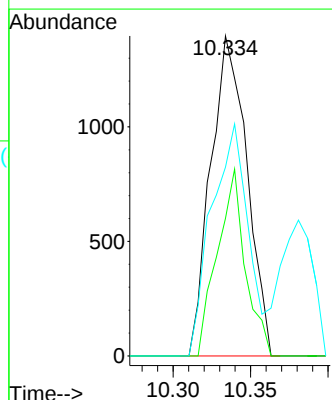
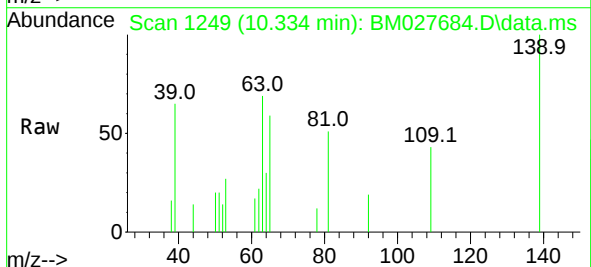
RT: 10.334 min Scan# 1249

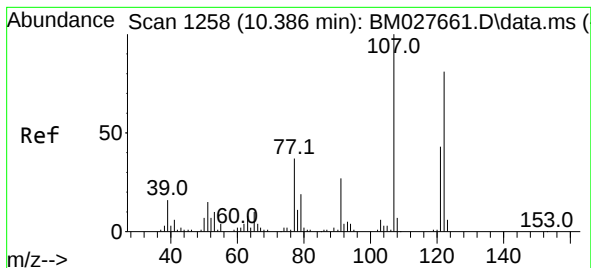
Delta R.T. -0.005 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:	139	Resp:	2271
Ion	Ratio	Lower	Upper
139	100		
109	43.0	33.8	50.8
65	59.0	51.0	76.6

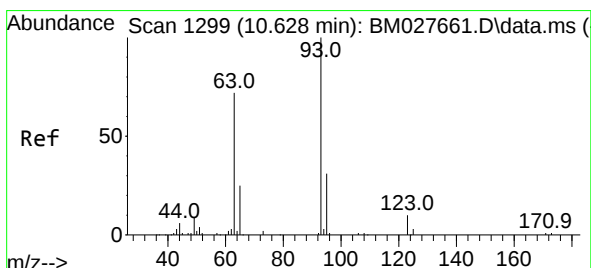
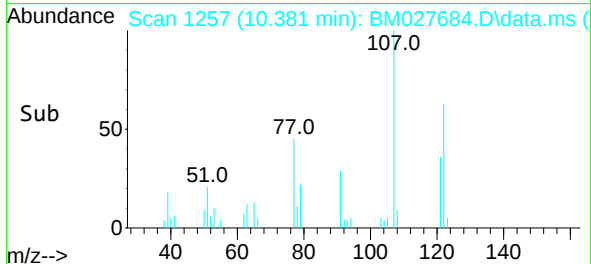
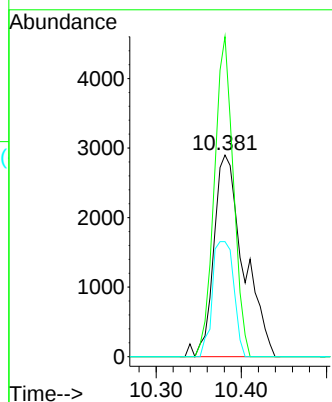
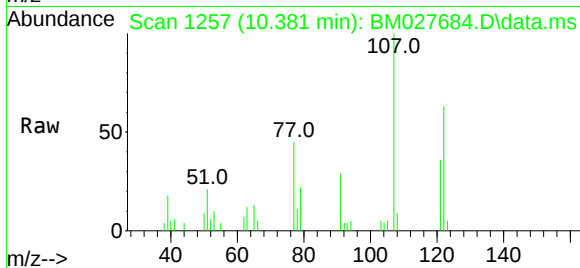




#27
2,4-Dimethylphenol
Concen: 5.48 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

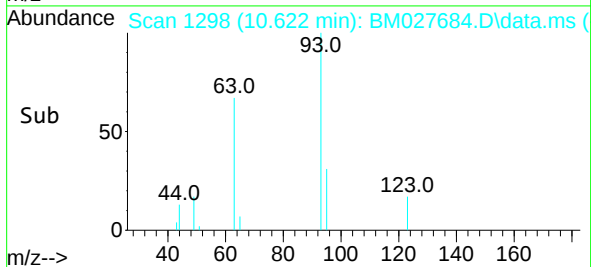
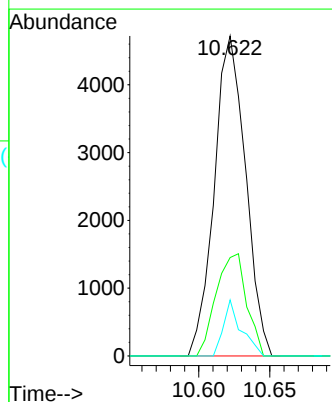
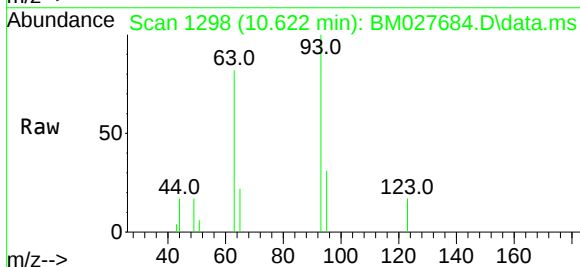
Instrument :
BNA_M
ClientSampleId :
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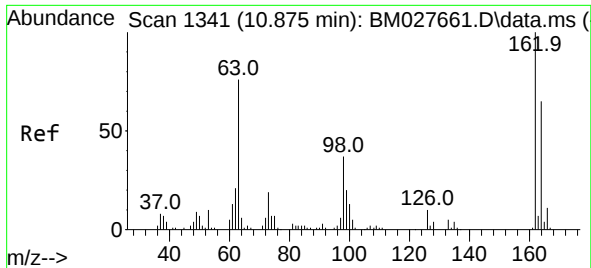
Tgt Ion:122 Resp: 7044
Ion Ratio Lower Upper
122 100
107 158.7 106.6 159.8
121 57.1 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 3.57 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion: 93 Resp: 7216
Ion Ratio Lower Upper
93 100
95 30.8 26.5 39.7
123 17.5 8.6 12.8#

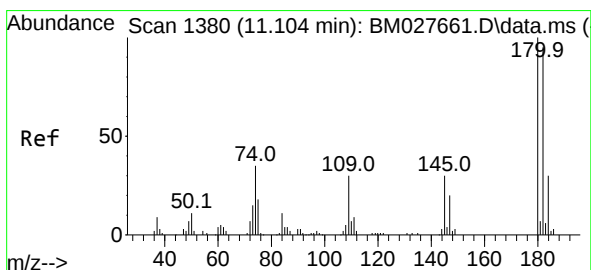
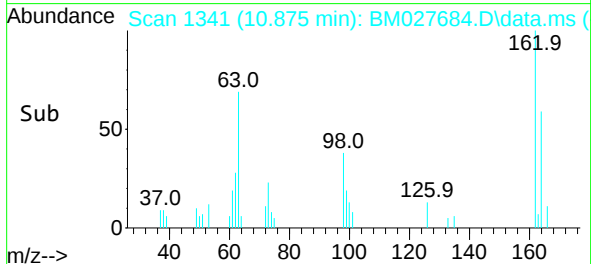
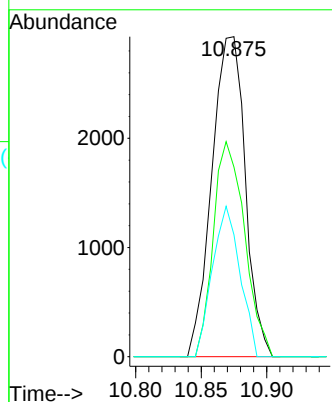
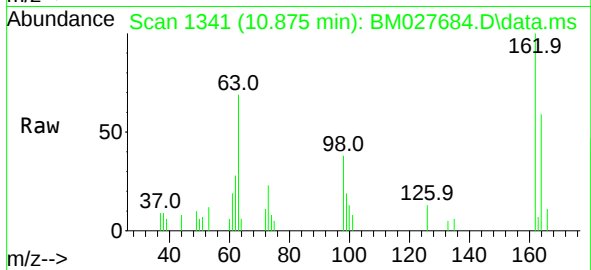




#29
2,4-Dichlorophenol
Concen: 3.73 ng
RT: 10.875 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

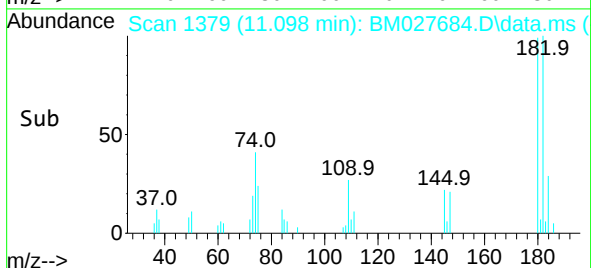
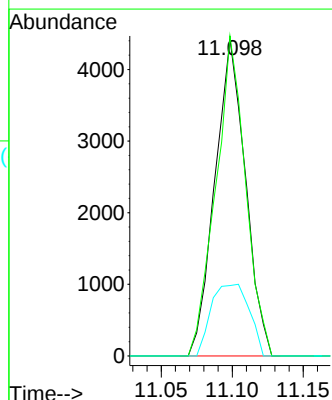
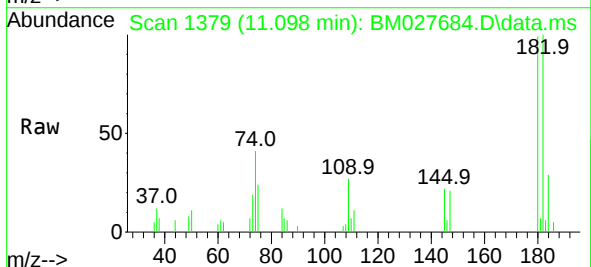
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

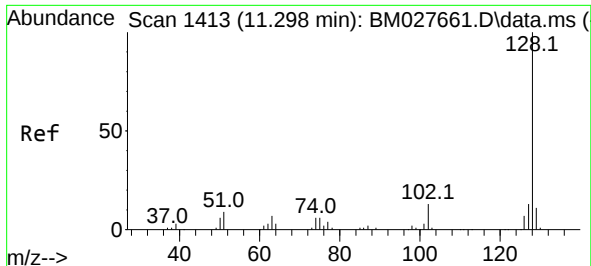
Tgt Ion:	162	Resp:	5197
Ion	Ratio	Lower	Upper
162	100		
164	59.2	43.2	83.2
98	38.1	15.7	55.7



#30
1,2,4-Trichlorobenzene
Concen: 3.90 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	180	Resp:	6606
Ion	Ratio	Lower	Upper
180	100		
182	100.9	77.7	116.5
145	22.2	23.4	35.0#

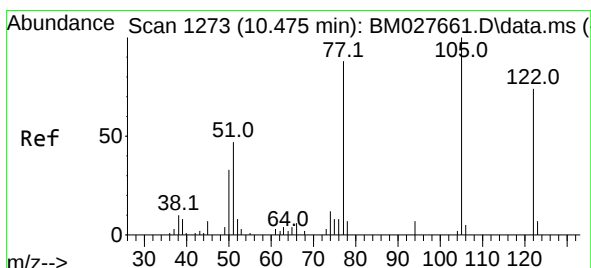
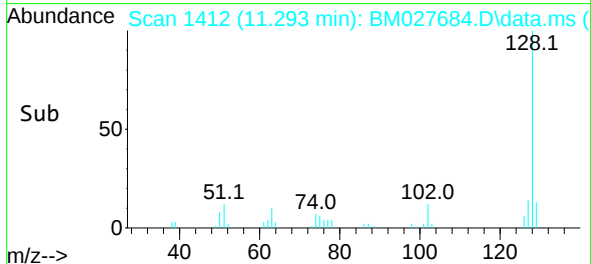
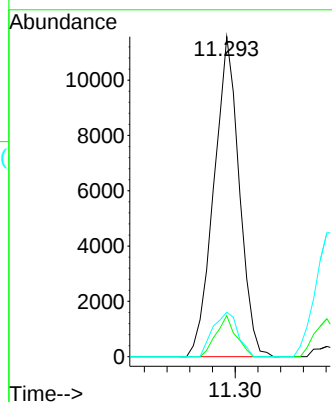
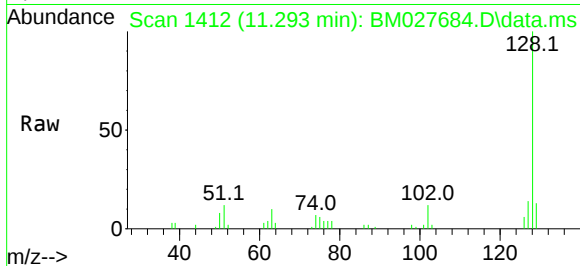




#31
Naphthalene
Concen: 3.84 ng
RT: 11.293 min Scan# 1412
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

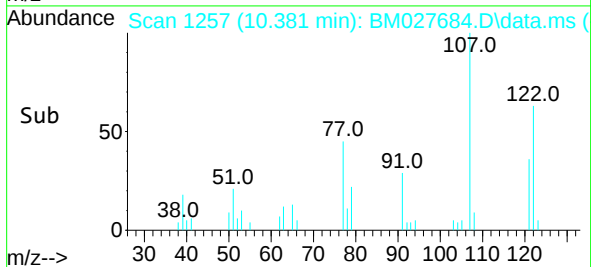
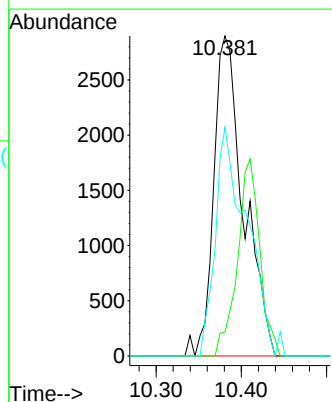
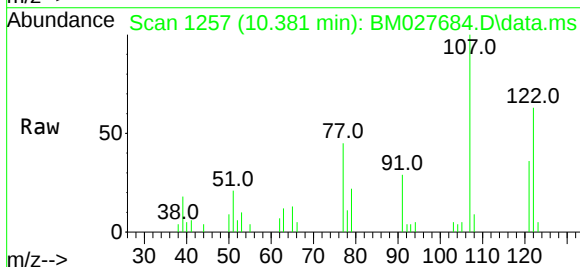
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

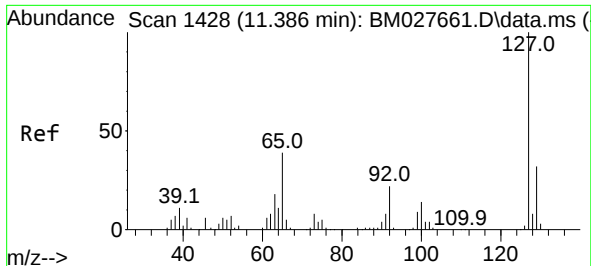
Tgt Ion:128 Resp: 17913
Ion Ratio Lower Upper
128 100
129 12.9 9.0 13.4
127 13.9 10.6 15.8



#32
Benzoic acid
Concen: 9.31 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.094 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:122 Resp: 7044
Ion Ratio Lower Upper
122 100
105 7.5 114.0 154.0#
77 71.5 101.8 141.8#

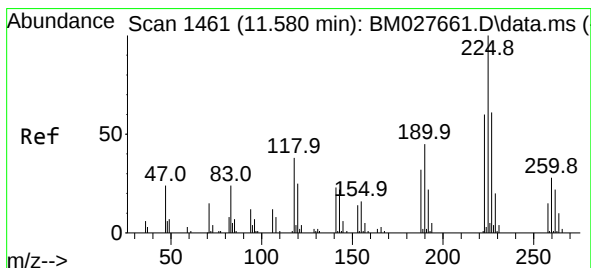
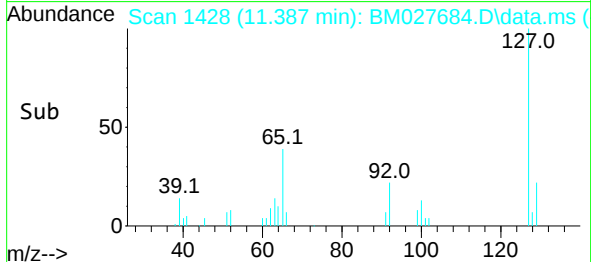
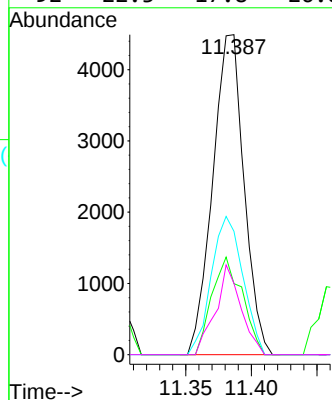
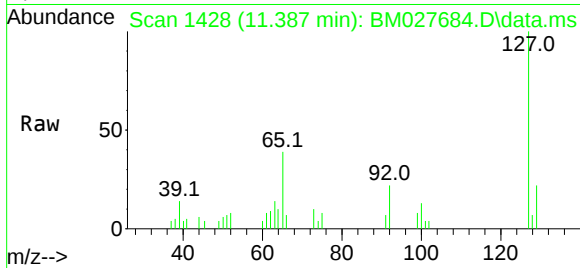




#33
4-Chloroaniline
Concen: 3.63 ng
RT: 11.387 min Scan# 1428
Delta R.T. 0.001 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

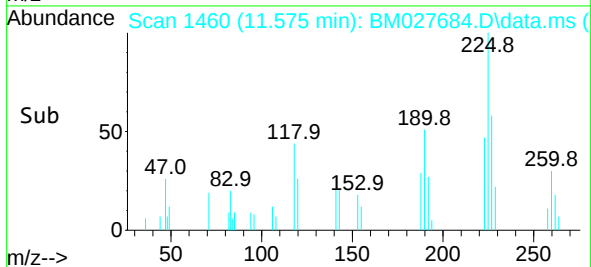
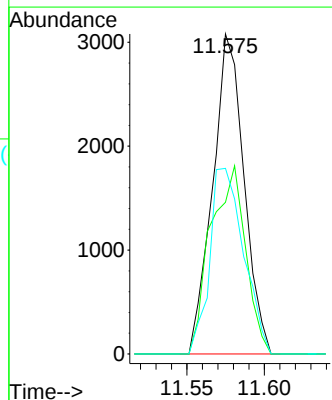
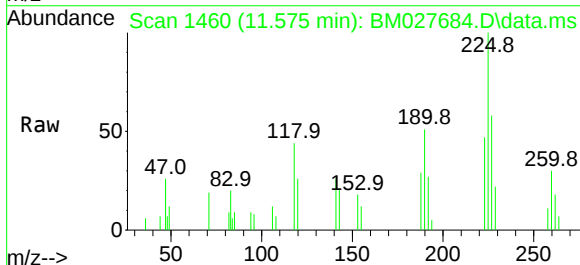
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

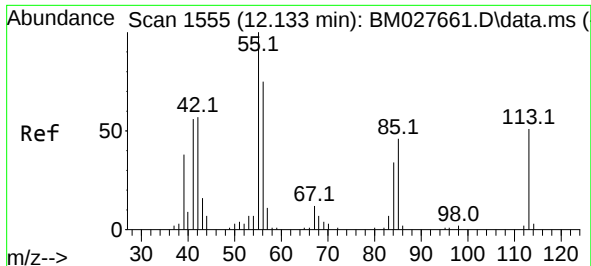
Tgt Ion:	127	Resp:	7459
Ion	Ratio	Lower	Upper
127	100		
129	22.2	24.7	37.1#
65	38.6	30.2	45.4
92	22.3	17.8	26.8



#34
Hexachlorobutadiene
Concen: 3.93 ng
RT: 11.575 min Scan# 1460
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	225	Resp:	4323
Ion	Ratio	Lower	Upper
225	100		
223	47.4	51.0	76.4#
227	58.0	50.6	75.8

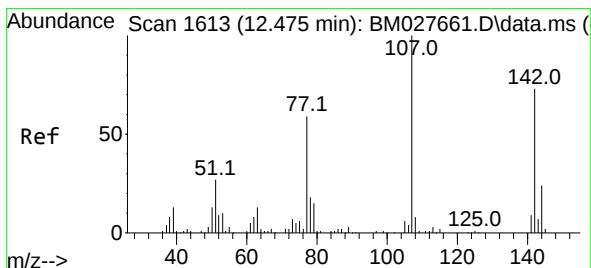
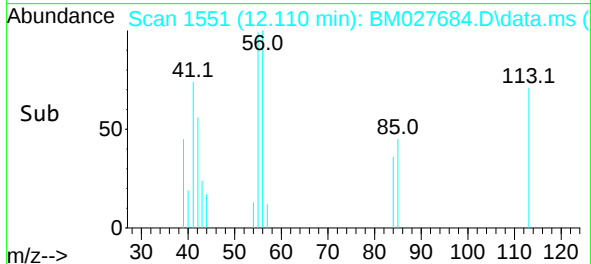
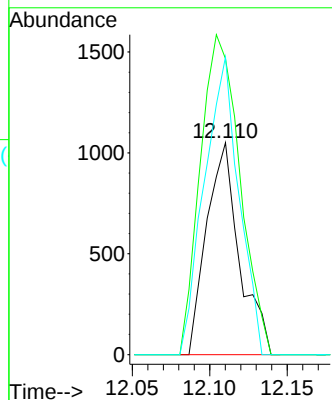
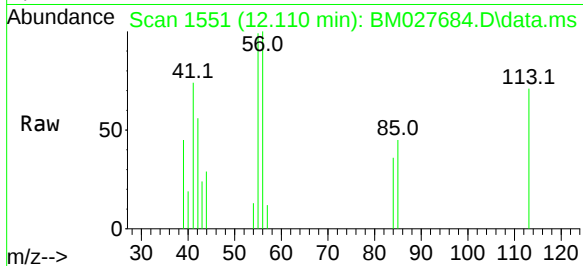




#35
Caprolactam
Concen: 3.32 ng
RT: 12.110 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

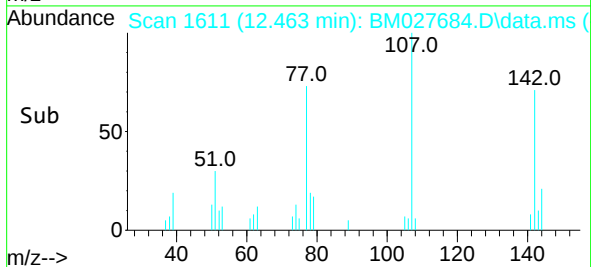
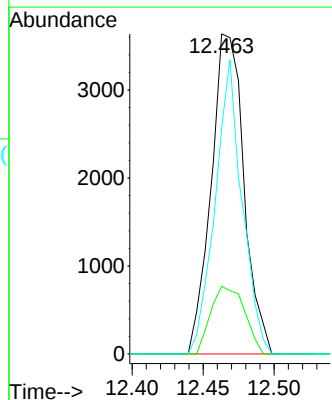
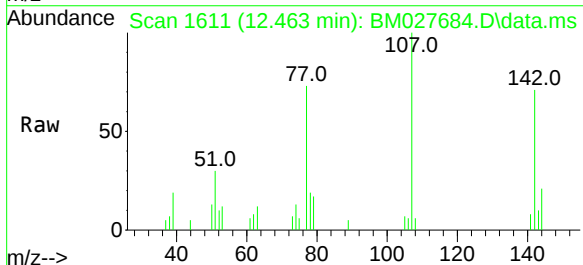
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

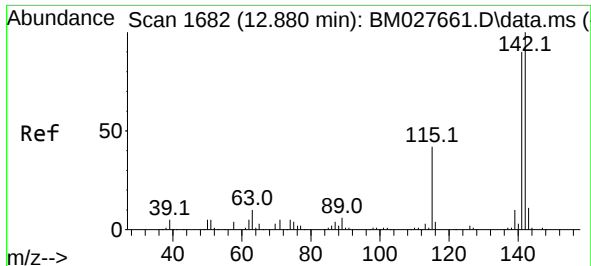
Tgt Ion:113 Resp: 1539
Ion Ratio Lower Upper
113 100
55 139.6 103.2 143.2
56 140.4 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 3.61 ng
RT: 12.463 min Scan# 1611
Delta R.T. -0.012 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:107 Resp: 5837
Ion Ratio Lower Upper
107 100
144 21.2 20.1 30.1
142 70.7 60.3 90.5

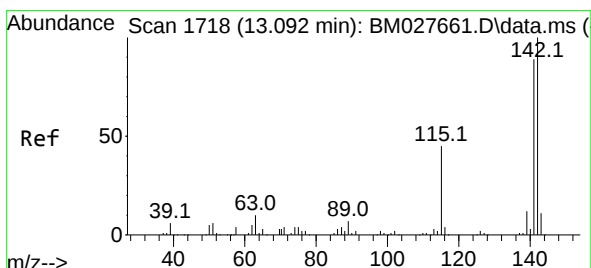
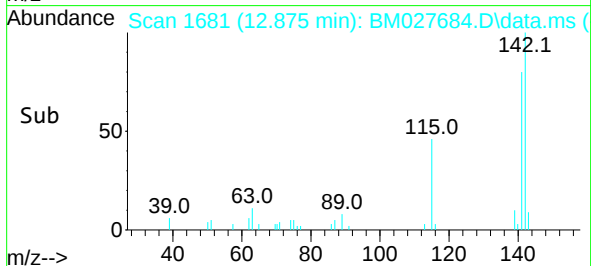
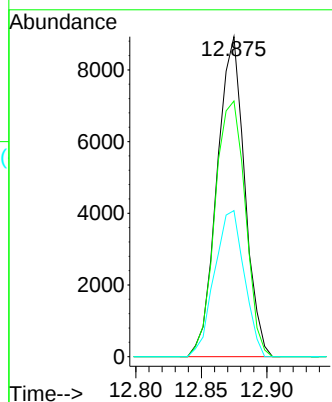
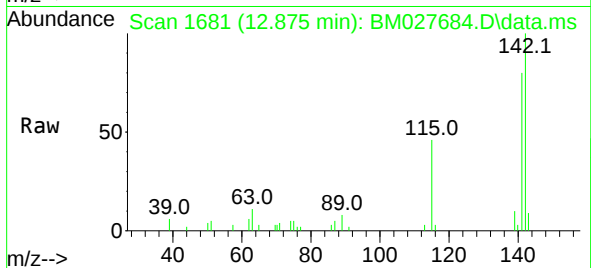




#37
2-Methylnaphthalene
Concen: 3.95 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

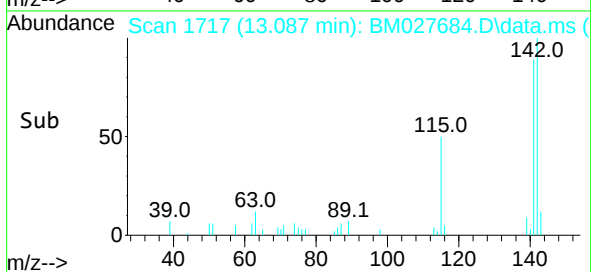
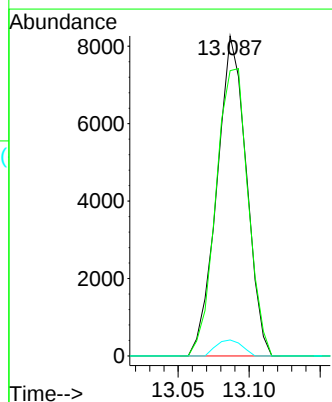
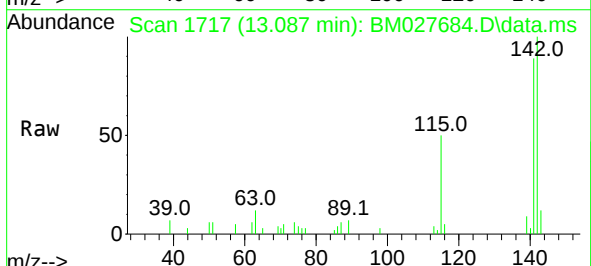
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

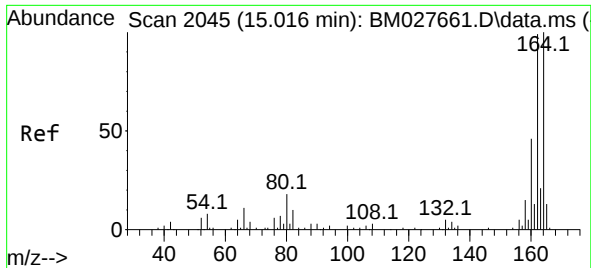
Tgt Ion:142 Resp: 13077
Ion Ratio Lower Upper
142 100
141 79.9 70.3 105.5
115 45.7 32.2 48.4



#38
1-Methylnaphthalene
Concen: 3.80 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:142 Resp: 11917
Ion Ratio Lower Upper
142 100
141 89.1 73.8 110.6
116 5.0 3.5 5.3

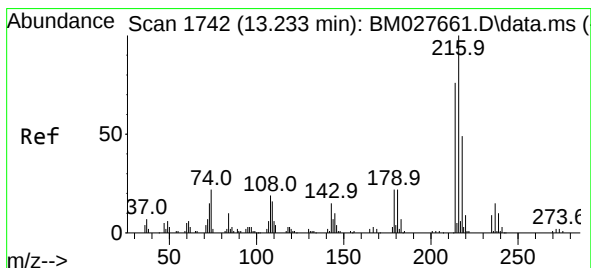
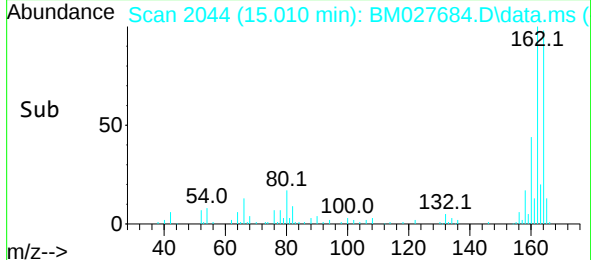
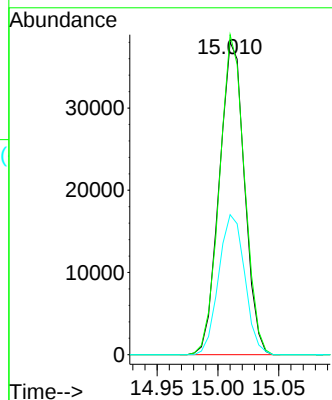
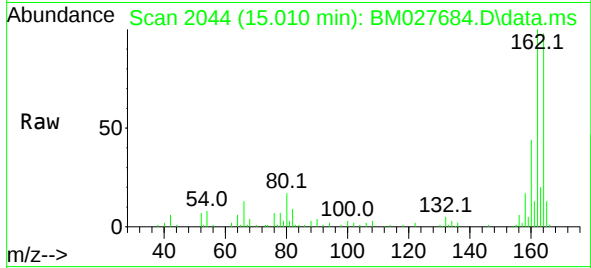




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

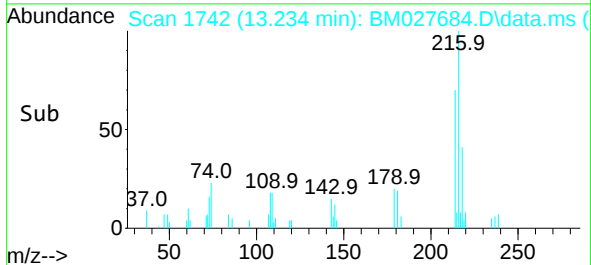
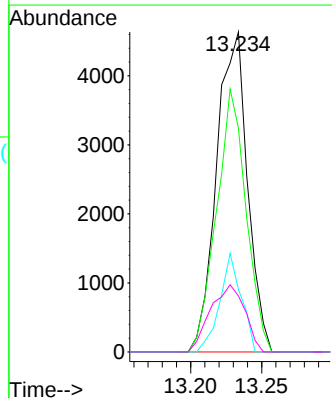
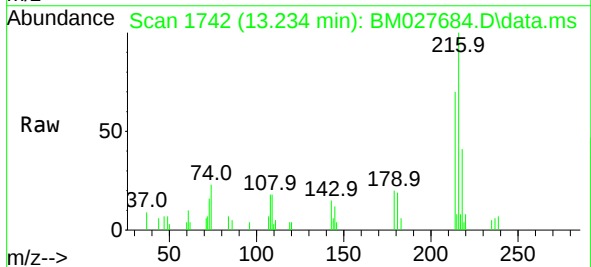
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

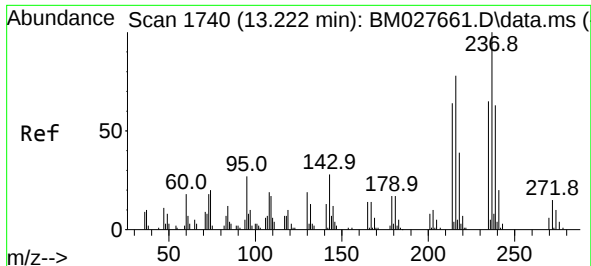
Tgt Ion:164 Resp: 54811
Ion Ratio Lower Upper
164 100
162 102.4 80.4 120.6
160 44.8 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.04 ng
RT: 13.234 min Scan# 1742
Delta R.T. 0.001 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:216 Resp: 7004
Ion Ratio Lower Upper
216 100
214 78.6 62.1 93.1
179 21.4 17.2 25.8
108 23.3 14.9 22.3#

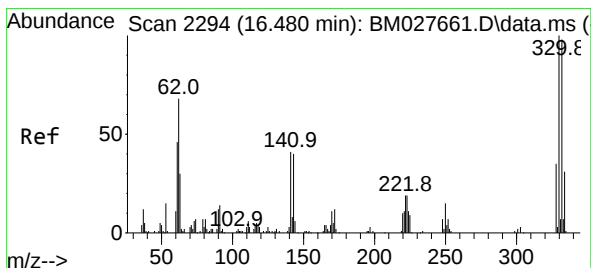
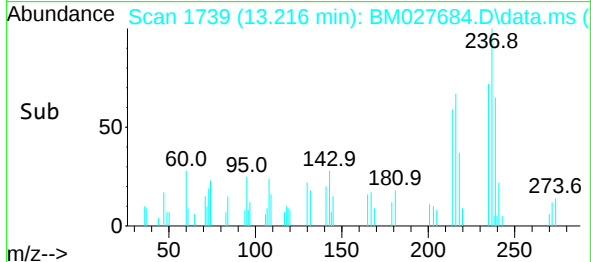
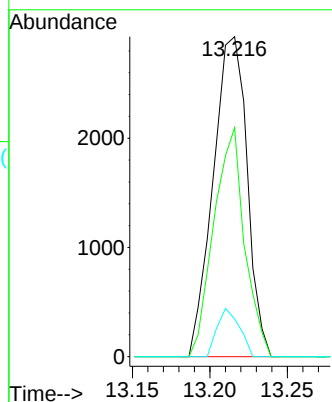
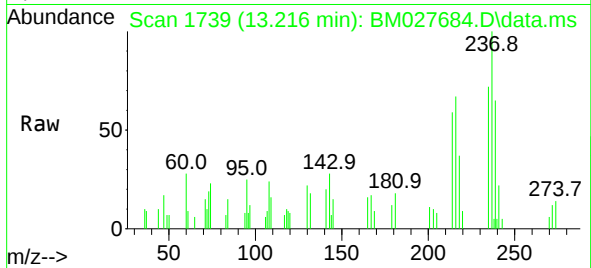




#41
Hexachlorocyclopentadiene
Concen: 4.74 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

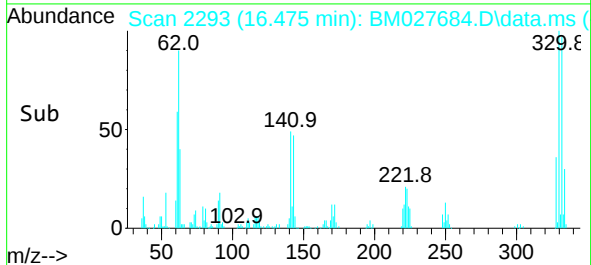
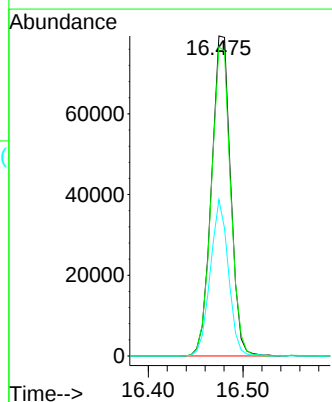
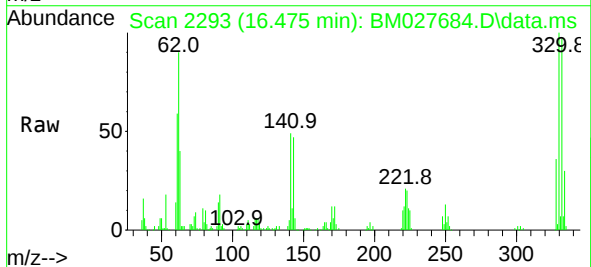
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

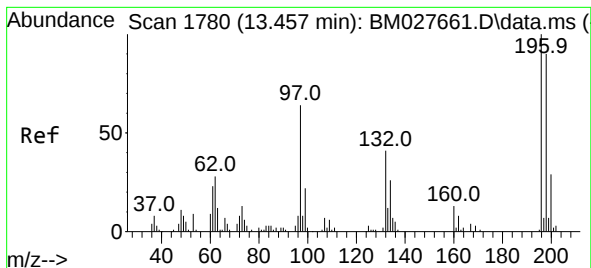
Tgt Ion:237 Resp: 4469
Ion Ratio Lower Upper
237 100
235 71.5 43.1 83.1
272 11.8 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 170.32 ng
RT: 16.475 min Scan# 2293
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:330 Resp: 111473
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 46.2 28.4 42.6#

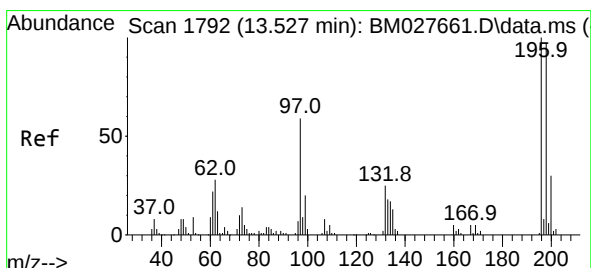
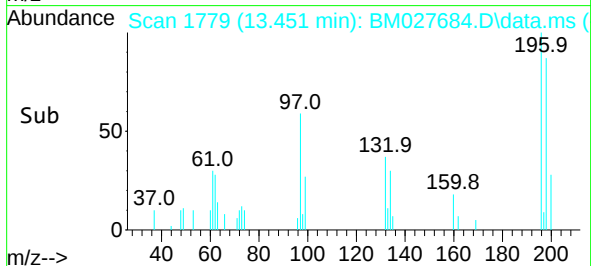
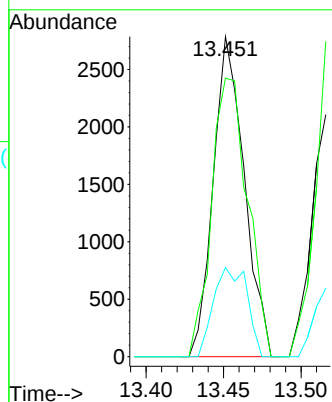
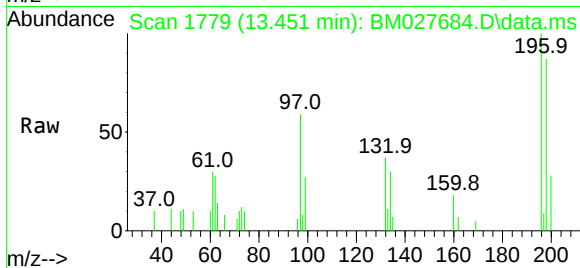




#43
2,4,6-Trichlorophenol
Concen: 3.44 ng
RT: 13.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

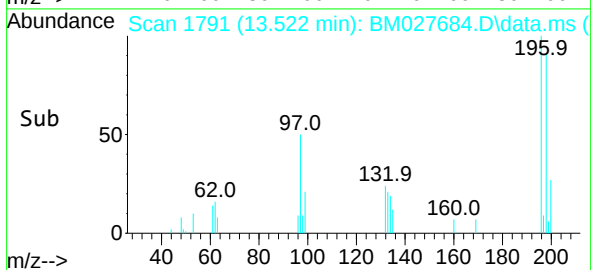
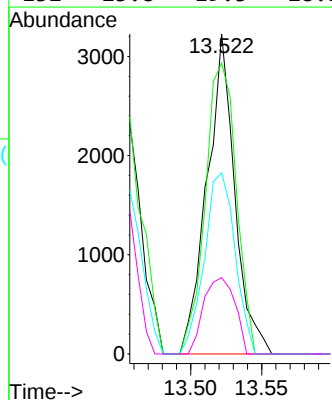
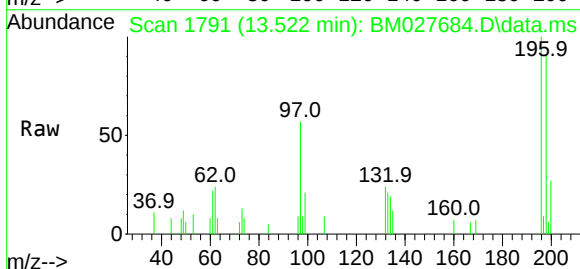
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

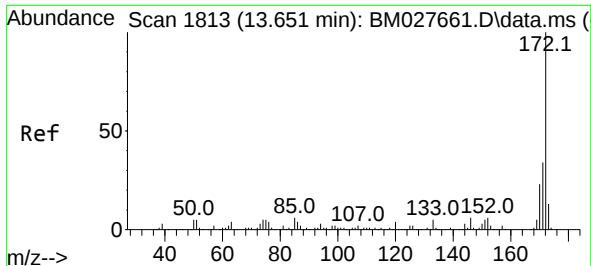
Tgt Ion:196 Resp: 3875
Ion Ratio Lower Upper
196 100
198 87.0 74.9 112.3
200 27.9 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 3.63 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:196 Resp: 4381
Ion Ratio Lower Upper
196 100
198 90.9 79.0 118.6
97 56.6 40.5 60.7
132 23.8 19.3 28.9

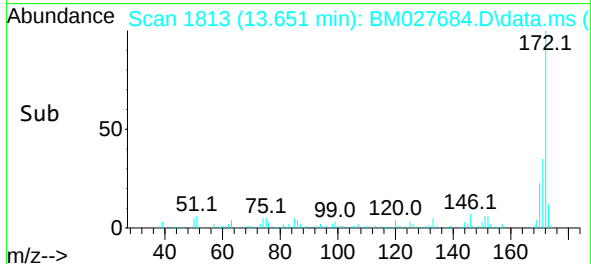
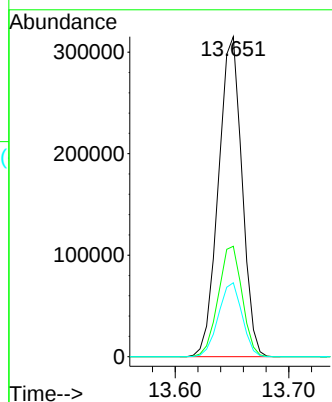
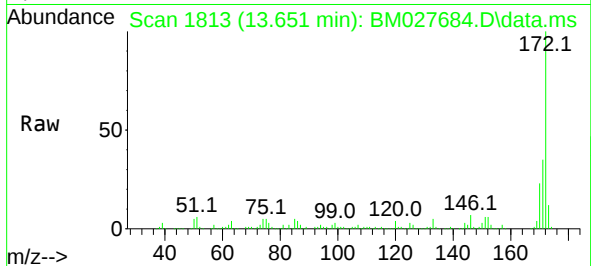




#45
2-Fluorobiphenyl
Concen: 118.15 ng
RT: 13.651 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

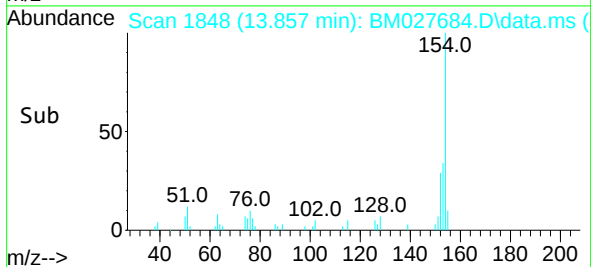
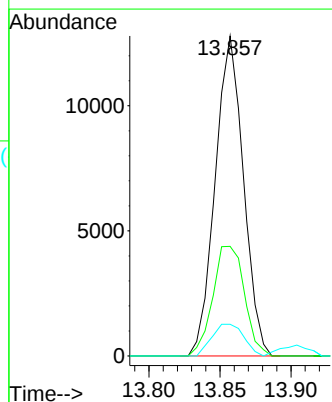
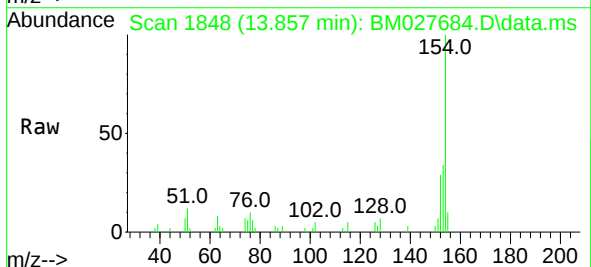
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

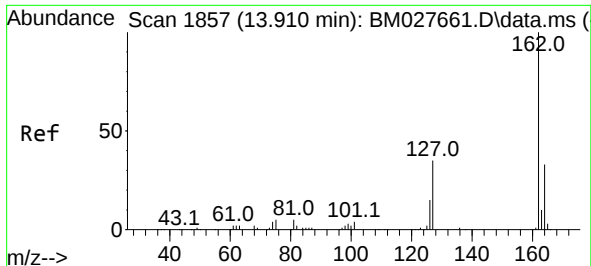
Tgt Ion:172	Resp: 453836
Ion Ratio	Lower Upper
172	100
171	34.5 27.8 41.8
170	23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.22 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

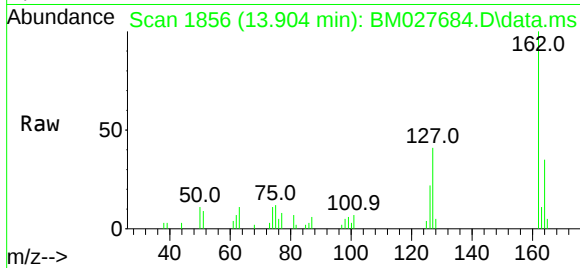
Tgt Ion:154	Resp: 17667
Ion Ratio	Lower Upper
154	100
153	34.2 20.0 60.0
76	9.9 0.0 32.0



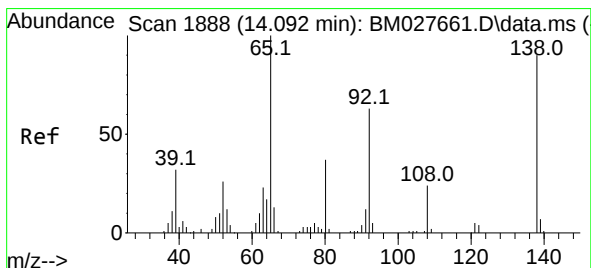
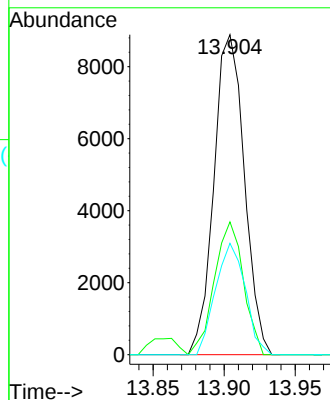
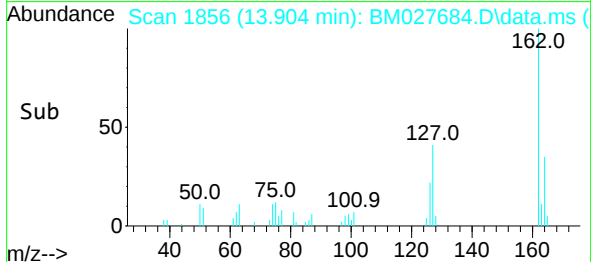


#47
2-Chloronaphthalene
Concen: 3.82 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

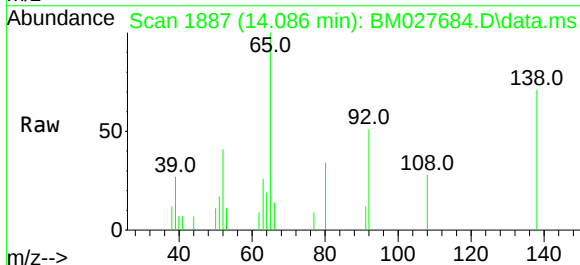
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020



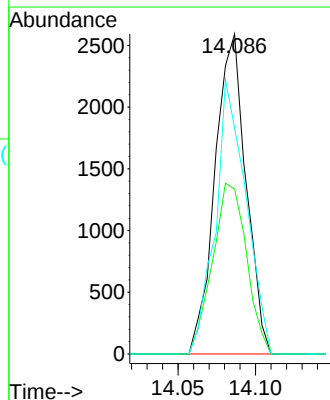
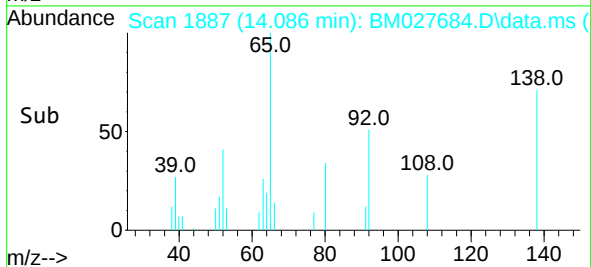
Tgt Ion:	162	Resp:	13245
Ion	Ratio	Lower	Upper
162	100		
127	41.5	29.6	44.4
164	34.8	26.2	39.4

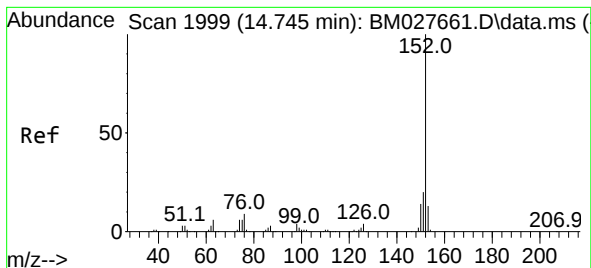


#48
2-Nitroaniline
Concen: 3.09 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21



Tgt Ion:	65	Resp:	3603
Ion	Ratio	Lower	Upper
65	100		
92	51.5	51.5	77.3#
138	70.7	72.7	109.1#





#49

Acenaphthylene

Concen: 3.81 ng

RT: 14.739 min Scan# 1998

Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

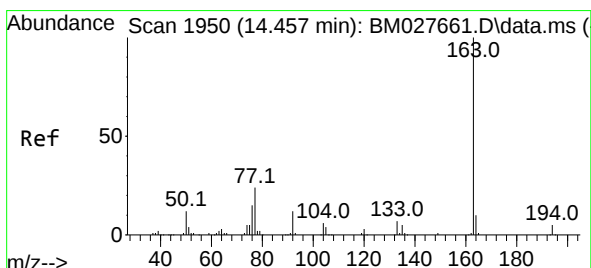
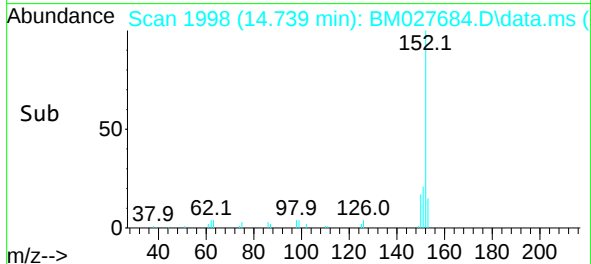
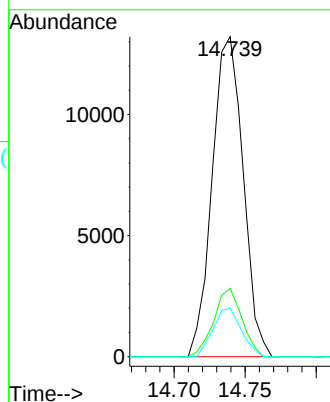
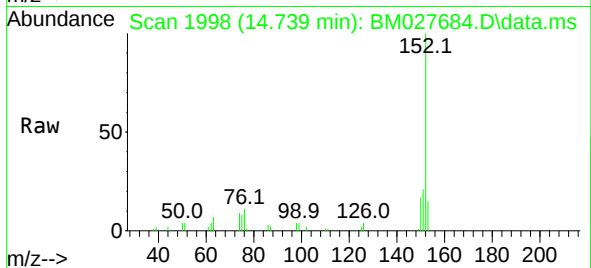
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:152	Resp:	19962
Ion Ratio	Lower	Upper
152	100	
151	21.3	15.8 23.6
153	15.3	10.4 15.6



#50

Dimethylphthalate

Concen: 3.72 ng

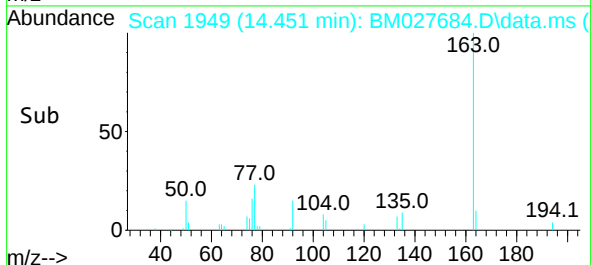
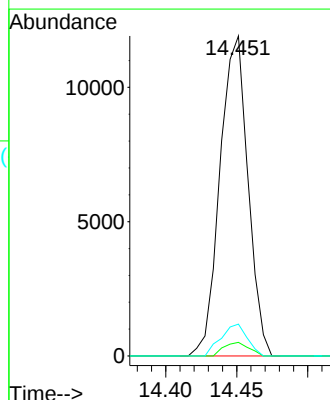
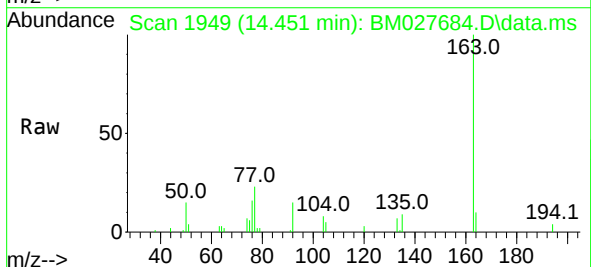
RT: 14.451 min Scan# 1949

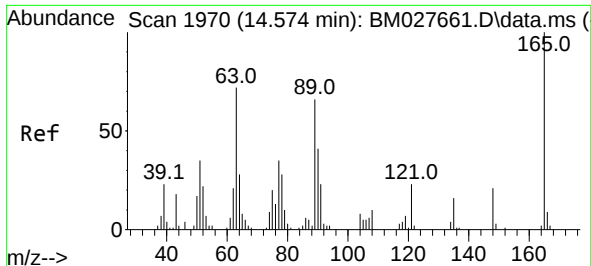
Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:163	Resp:	16342
Ion Ratio	Lower	Upper
163	100	
194	4.3	3.4 5.2
164	9.9	8.1 12.1

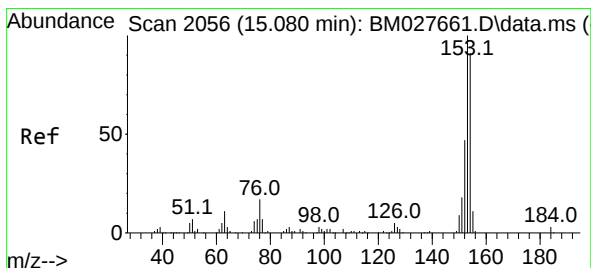
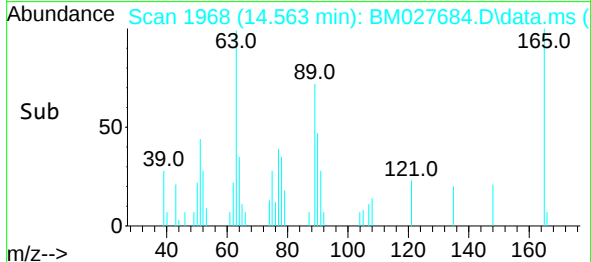
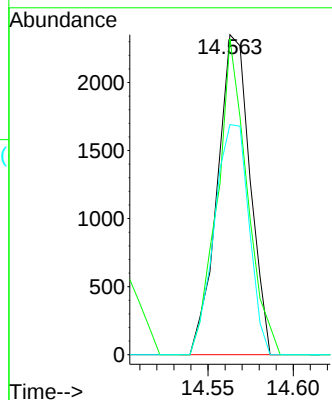
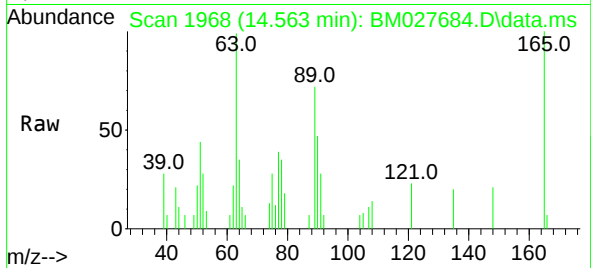




#51
2,6-Dinitrotoluene
Concen: 3.62 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.011 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

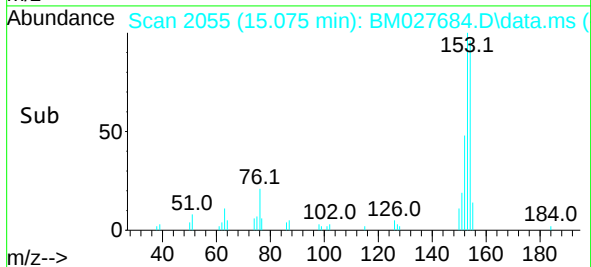
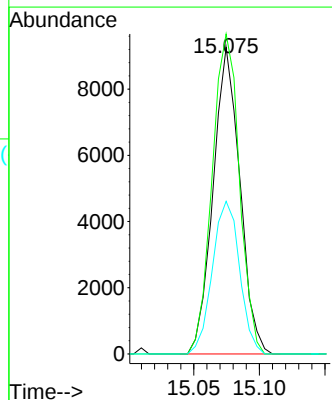
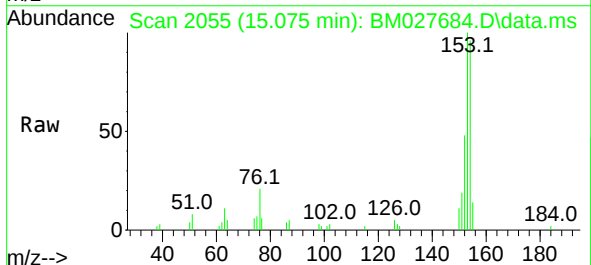
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

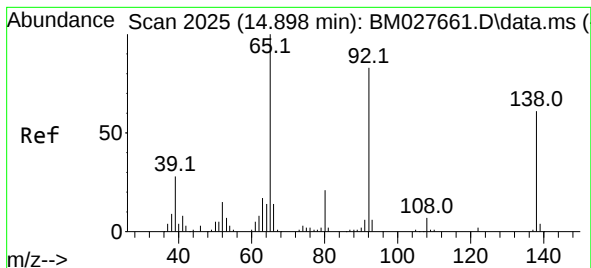
Tgt Ion:165 Resp: 3123
Ion Ratio Lower Upper
165 100
63 98.7 51.1 76.7#
89 71.9 53.3 79.9



#52
Acenaphthene
Concen: 3.83 ng
RT: 15.075 min Scan# 2055
Delta R.T. -0.005 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:154 Resp: 13151
Ion Ratio Lower Upper
154 100
153 104.4 88.3 132.5
152 49.8 41.4 62.2

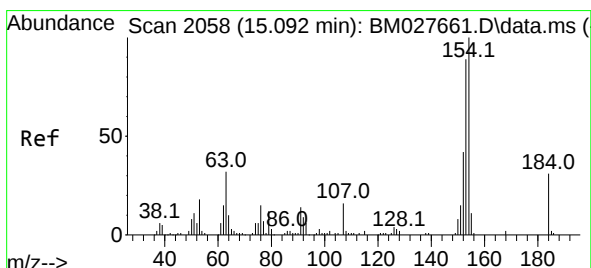
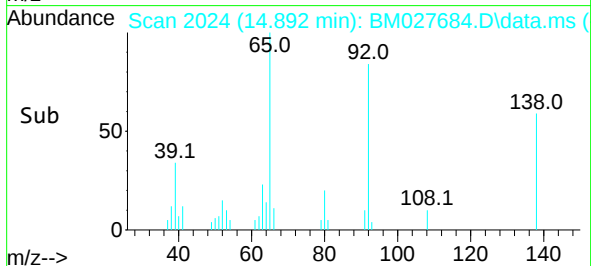
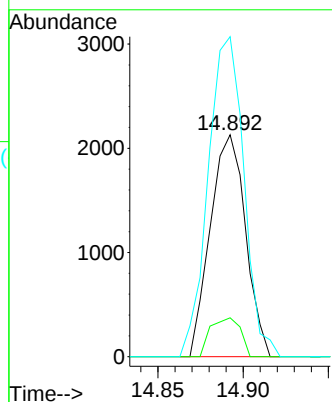
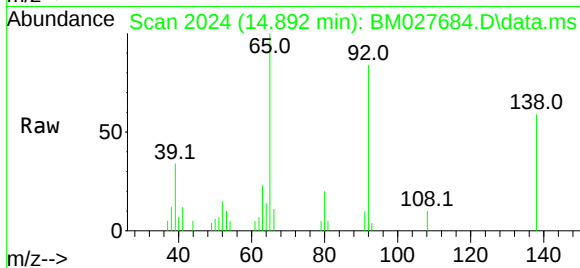




#53
3-Nitroaniline
Concen: 3.13 ng
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

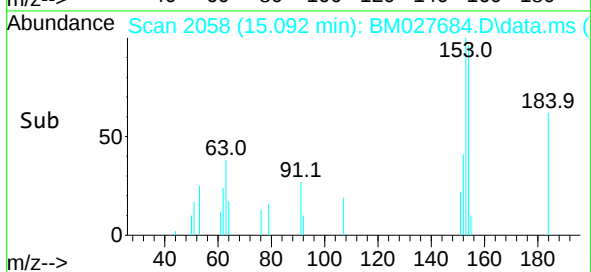
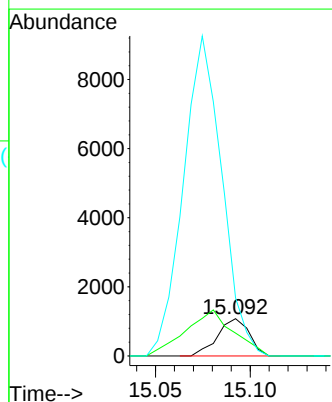
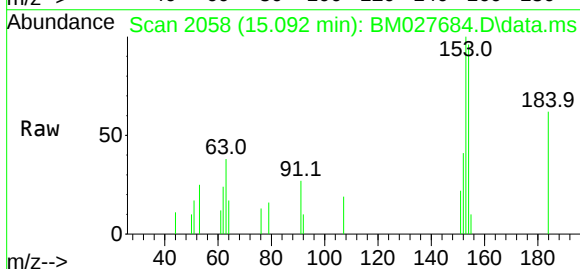
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

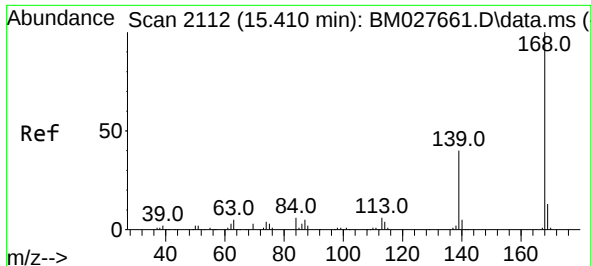
Tgt Ion:138 Resp: 3062
Ion Ratio Lower Upper
138 100
108 17.5 8.6 13.0#
92 144.2 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 3.44 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

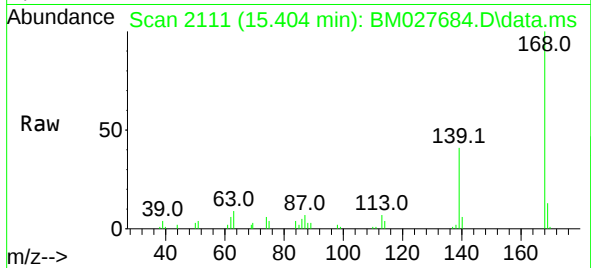
Tgt Ion:184 Resp: 1254
Ion Ratio Lower Upper
184 100
63 61.4 60.2 90.2
154 155.6 52.9 79.3#



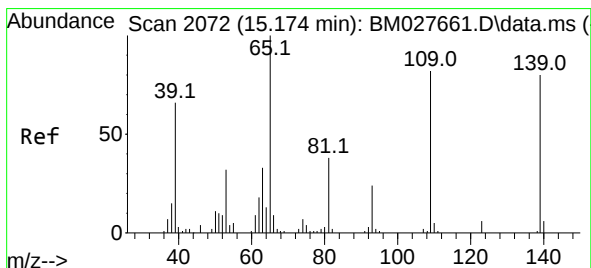
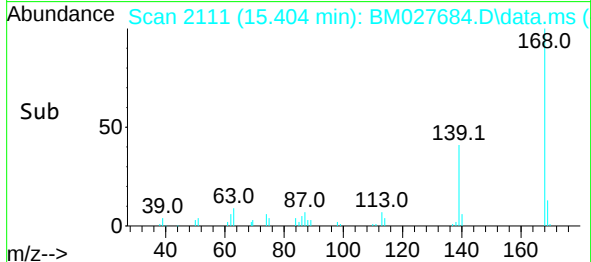
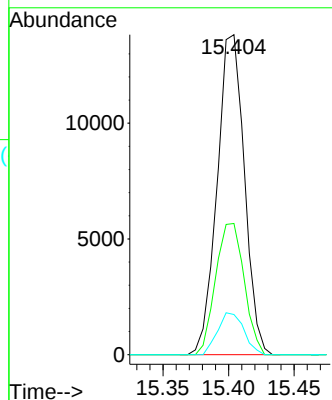


#55
Dibenzofuran
Concen: 3.91 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

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

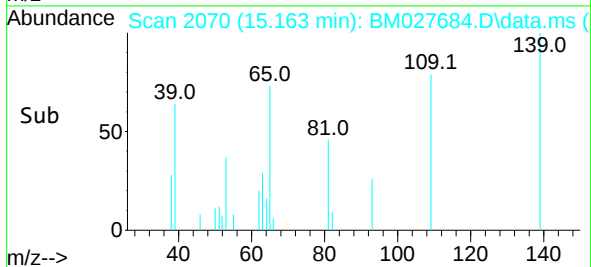
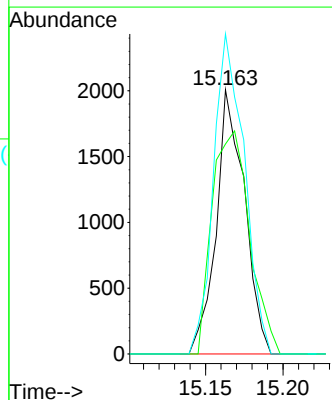
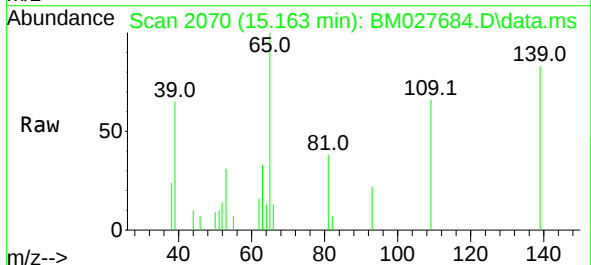


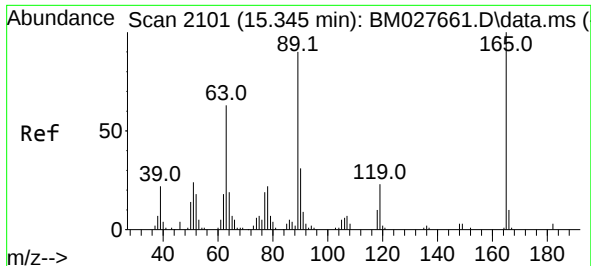
Tgt Ion:168 Resp: 19986
Ion Ratio Lower Upper
168 100
139 41.0 30.2 45.4
169 12.5 10.6 16.0



#56
4-Nitrophenol
Concen: 3.21 ng
RT: 15.163 min Scan# 2070
Delta R.T. -0.011 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:139 Resp: 2547
Ion Ratio Lower Upper
139 100
109 79.4 77.0 117.0
65 121.1 103.4 143.4

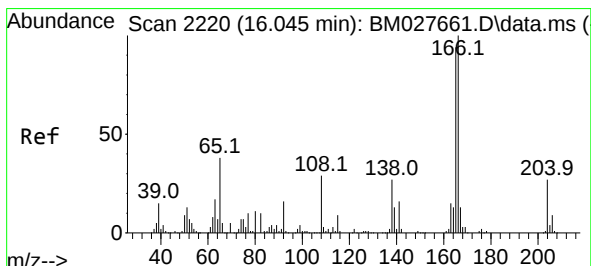
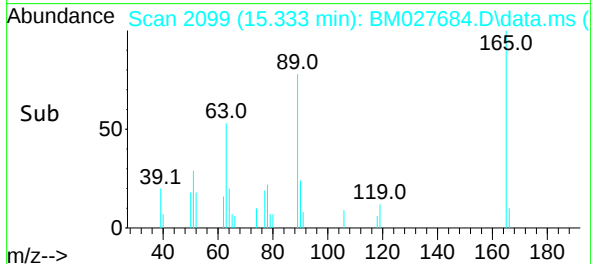
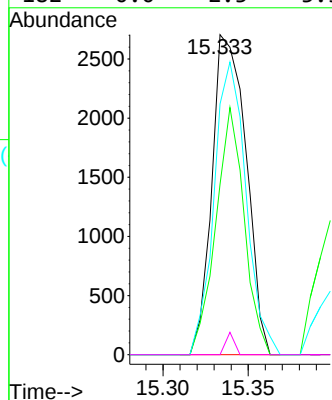
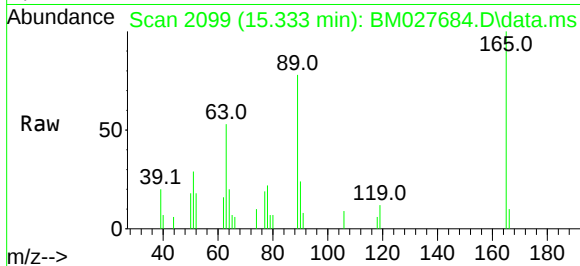




#57
2,4-Dinitrotoluene
Concen: 3.22 ng
RT: 15.333 min Scan# 2099
Delta R.T. -0.012 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

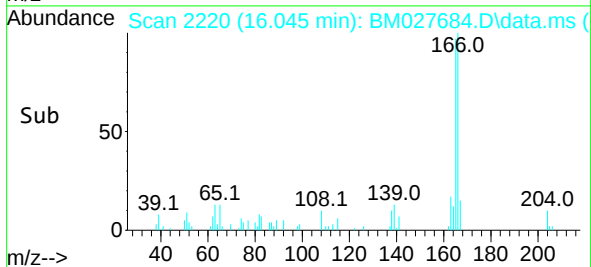
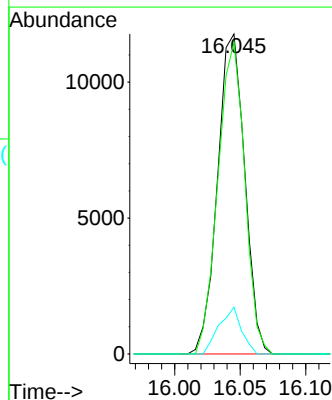
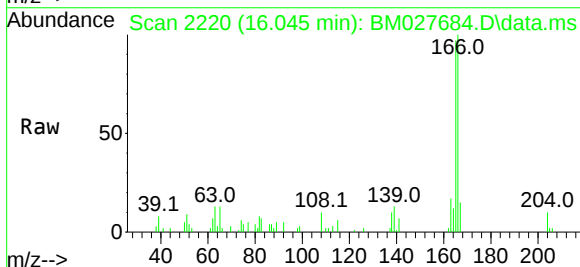
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

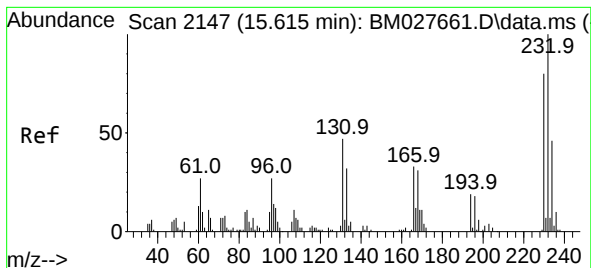
Tgt Ion:	165	Resp:	3762
Ion Ratio	Lower	Upper	
165	100		
63	53.3	38.8	58.2
89	78.3	62.6	94.0
182	0.0	2.3	3.5#



#58
Fluorene
Concen: 4.05 ng
RT: 16.045 min Scan# 2220
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	166	Resp:	16981
Ion Ratio	Lower	Upper	
166	100		
165	97.4	76.2	114.2
167	14.6	10.7	16.1

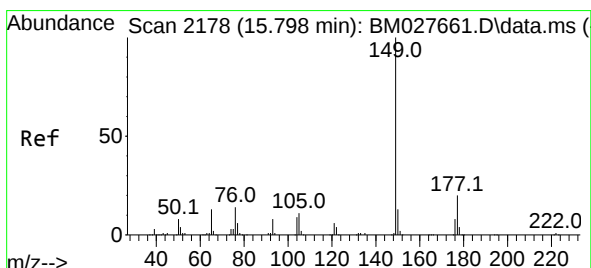
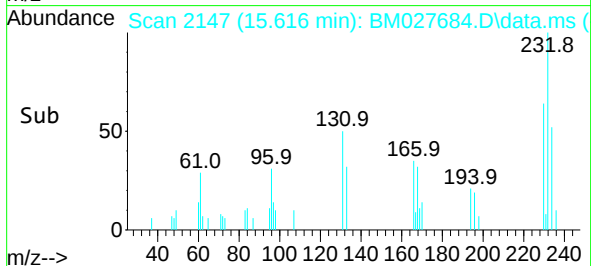
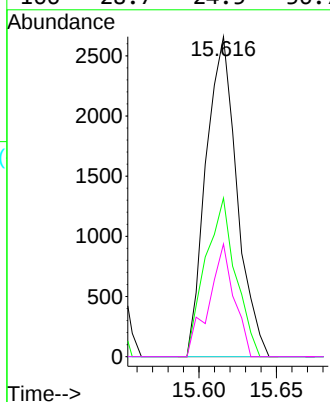
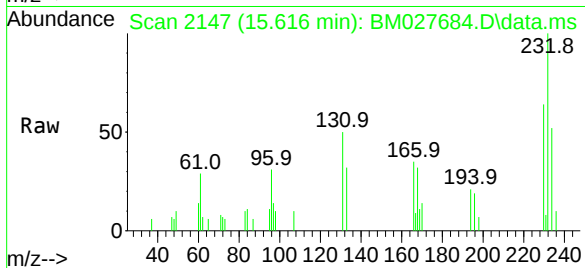




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.48 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

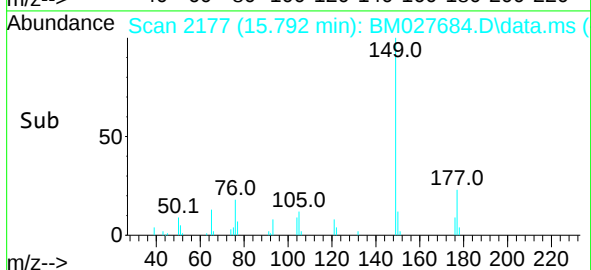
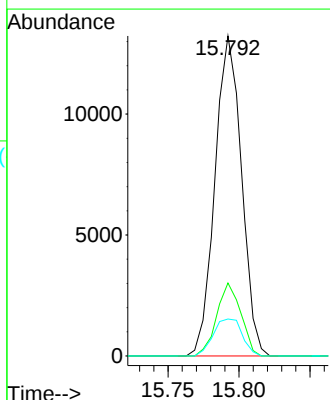
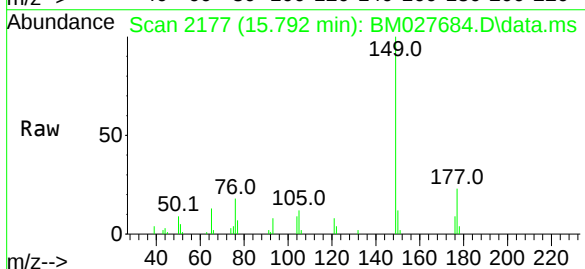
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

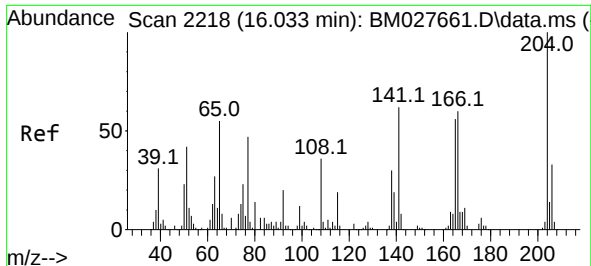
Tgt Ion:	232	Resp:	3687
Ion	Ratio	Lower	Upper
232	100		
131	48.4	32.2	48.2#
130	0.0	1.8	2.8#
166	28.7	24.5	36.7



#60
Diethylphthalate
Concen: 3.84 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	149	Resp:	17207
Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.2	27.4
150	11.6	10.2	15.4

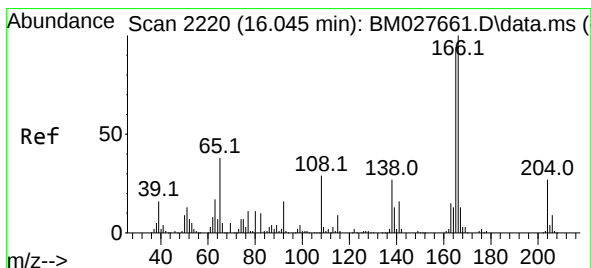
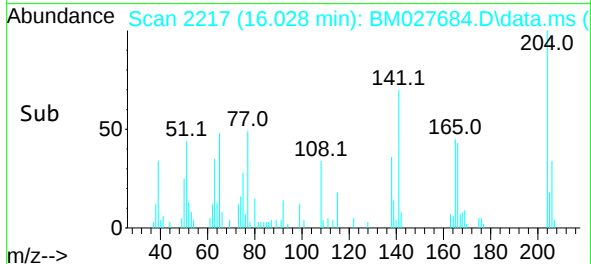
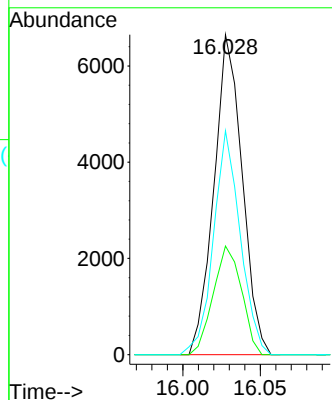
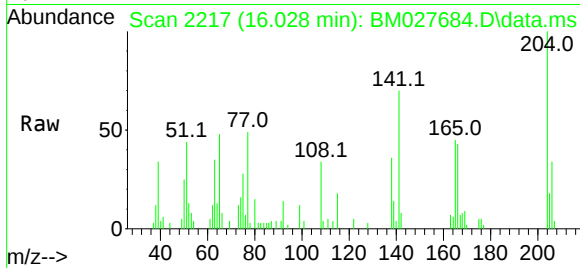




#61
4-Chlorophenyl-phenylether
Concen: 3.91 ng
RT: 16.028 min Scan# 2217
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

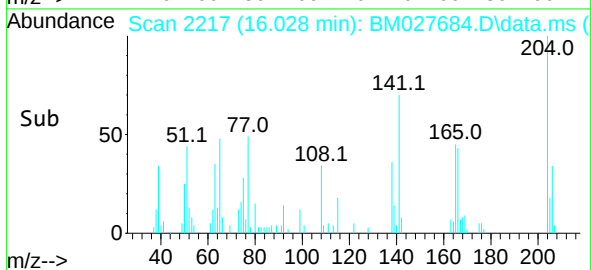
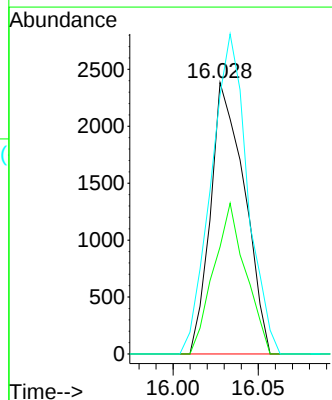
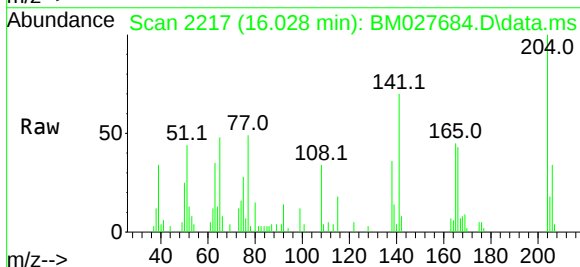
Instrument :
BNA_M
ClientSampleId :
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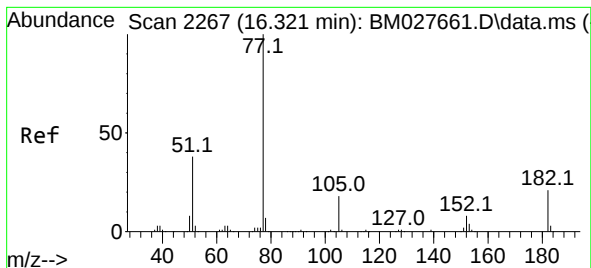
Tgt Ion:204 Resp: 8421
Ion Ratio Lower Upper
204 100
206 33.9 26.1 39.1
141 70.0 43.7 65.5#



#62
4-Nitroaniline
Concen: 2.97 ng
RT: 16.028 min Scan# 2217
Delta R.T. -0.017 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:138 Resp: 3294
Ion Ratio Lower Upper
138 100
92 39.4 35.5 75.5
108 95.4 80.5 120.5

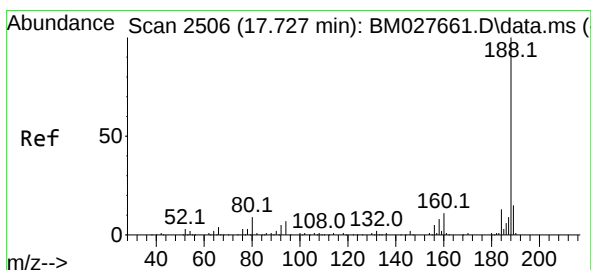
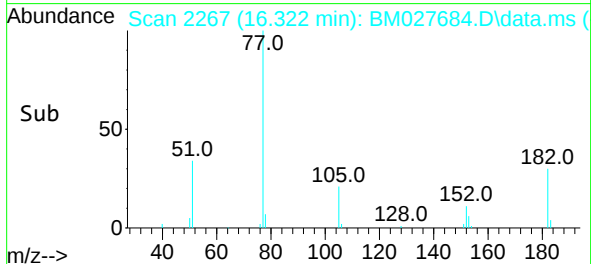
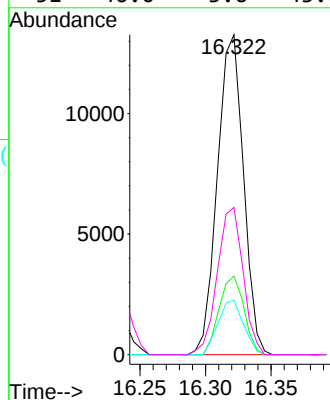
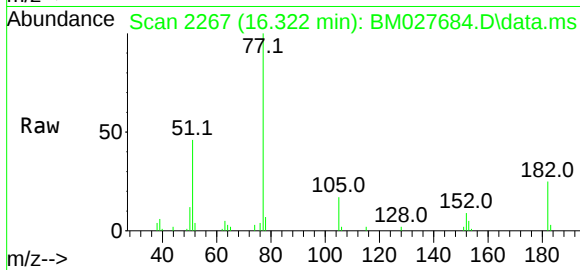




#63
Azobenzene
Concen: 3.96 ng
RT: 16.322 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

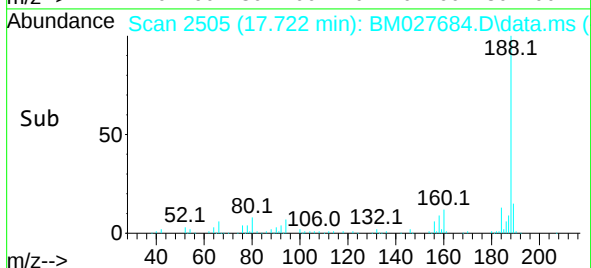
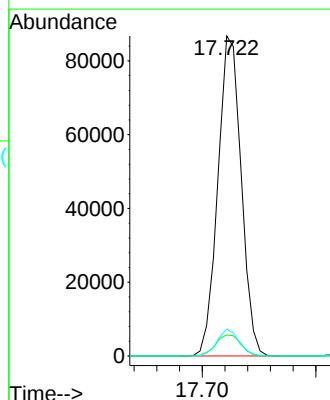
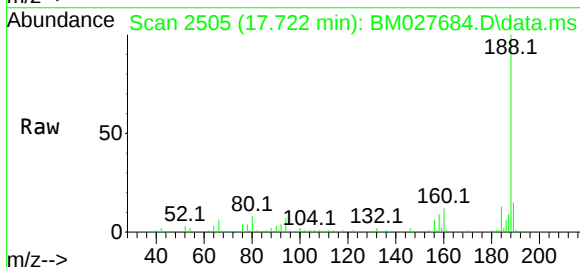
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

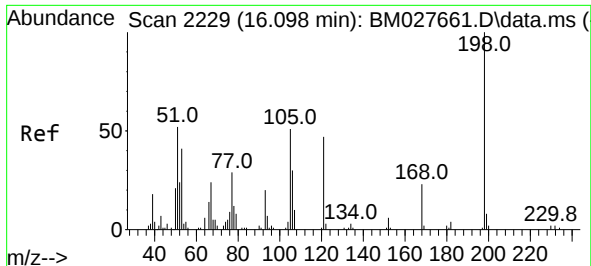
Tgt Ion:	77	Resp:	18343
Ion Ratio	Lower	Upper	
77	100		
182	24.6	5.8	45.8
105	17.1	0.0	37.2
51	46.0	3.6	43.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.722 min Scan# 2505
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	188	Resp:	123952
Ion Ratio	Lower	Upper	
188	100		
94	6.5	6.2	9.4
80	8.4	7.5	11.3

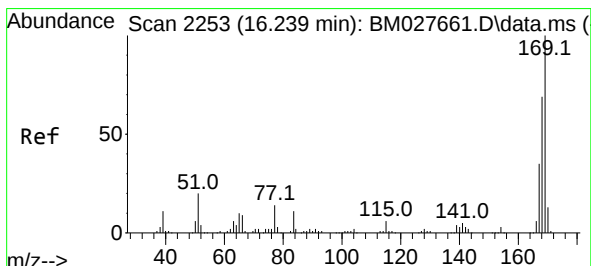
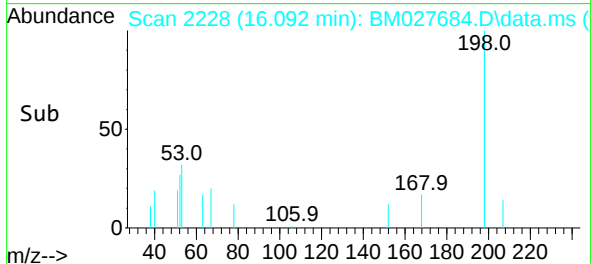
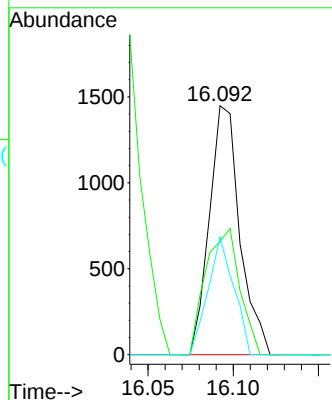
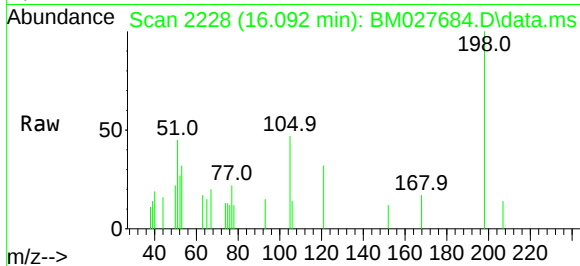




#65
4,6-Dinitro-2-methylphenol
Concen: 3.61 ng
RT: 16.092 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

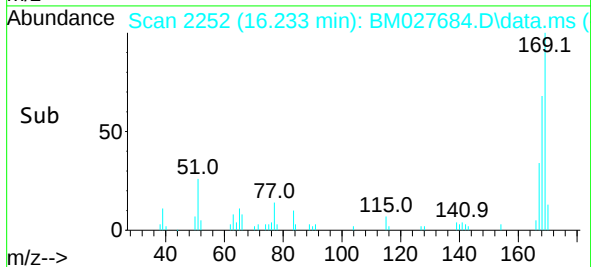
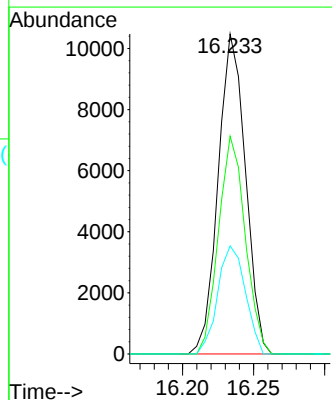
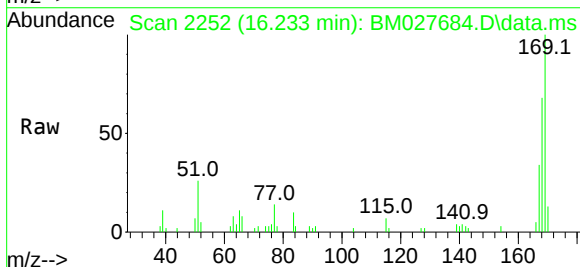
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

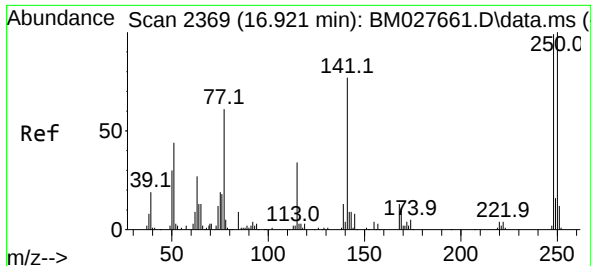
Tgt Ion:198 Resp: 1802
Ion Ratio Lower Upper
198 100
51 45.5 13.0 53.0
105 47.2 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 3.74 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:169 Resp: 13993
Ion Ratio Lower Upper
169 100
168 68.1 53.8 80.8
167 33.8 29.0 43.4

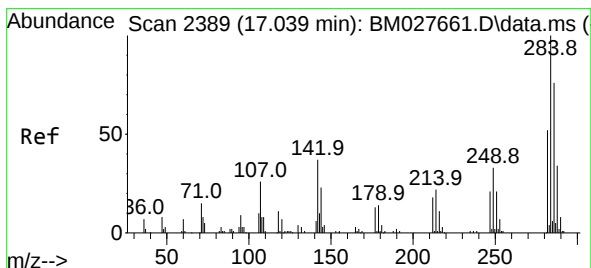
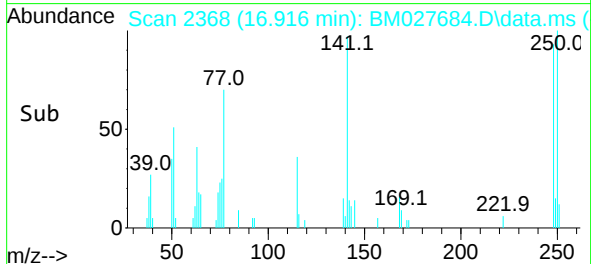
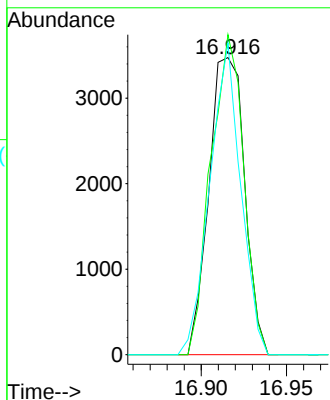
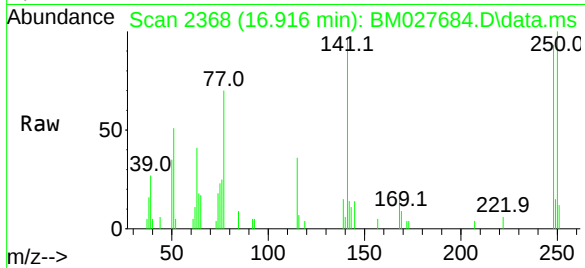




#67
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 16.916 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

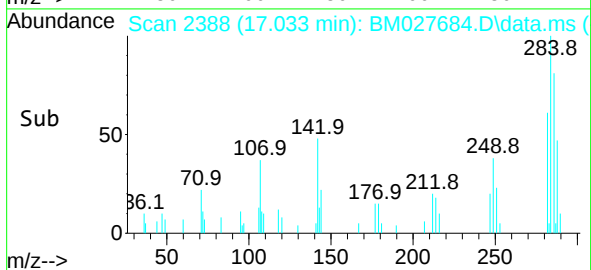
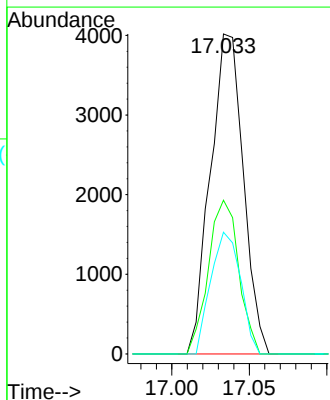
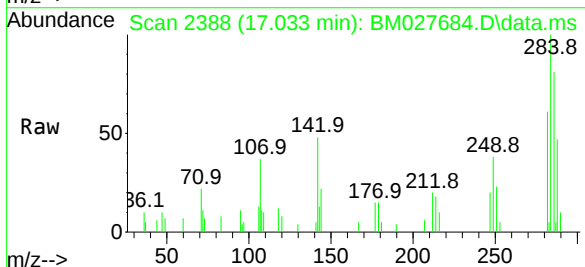
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

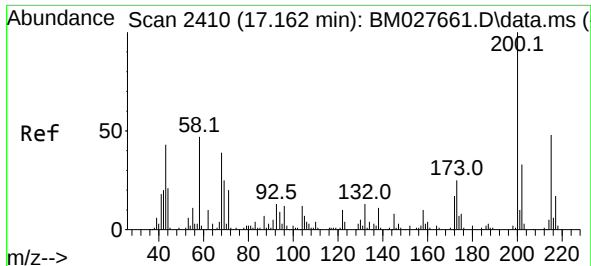
Tgt Ion:248 Resp: 5064
Ion Ratio Lower Upper
248 100
250 107.7 79.1 118.7
141 104.9 51.8 77.8#



#68
Hexachlorobenzene
Concen: 3.86 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:284 Resp: 5938
Ion Ratio Lower Upper
284 100
142 48.0 26.1 39.1#
249 38.0 25.6 38.4





#69

Atrazine

Concen: 3.65 ng

RT: 17.157 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:200 Resp: 4620

Ion Ratio Lower Upper

200 100

173 22.3 4.9 44.9

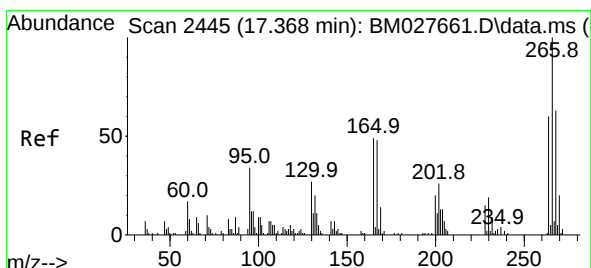
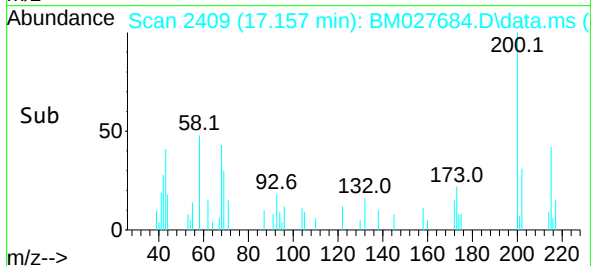
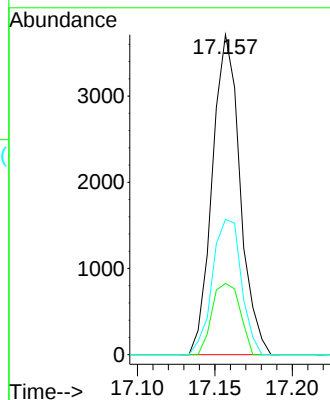
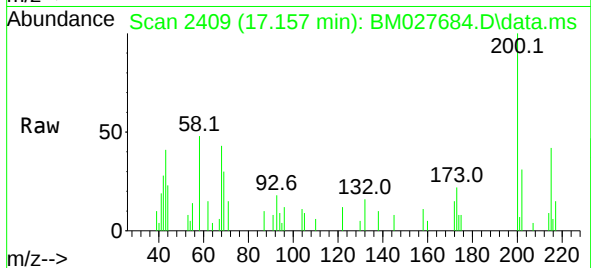
215 42.3 29.0 69.0

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020



#70

Pentachlorophenol

Concen: 3.57 ng

RT: 17.369 min Scan# 2445

Delta R.T. 0.000 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

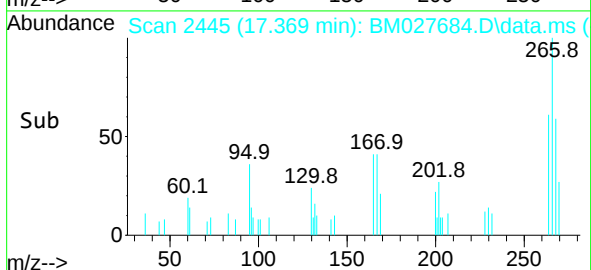
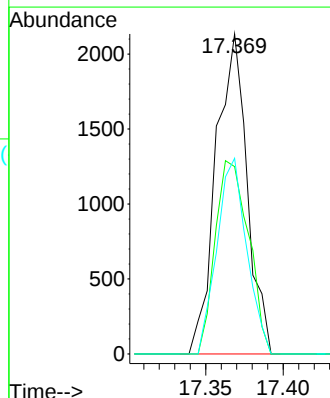
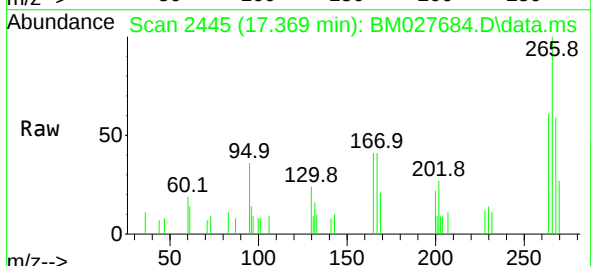
Tgt Ion:266 Resp: 2975

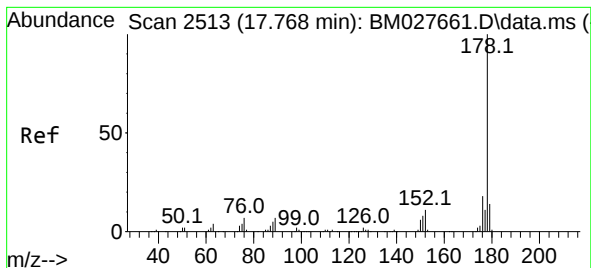
Ion Ratio Lower Upper

266 100

268 58.5 49.9 74.9

264 61.2 50.6 76.0





#71

Phenanthrene

Concen: 3.77 ng

RT: 17.769 min Scan# 2513

Delta R.T. 0.000 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

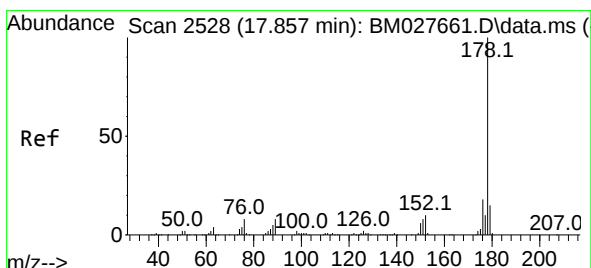
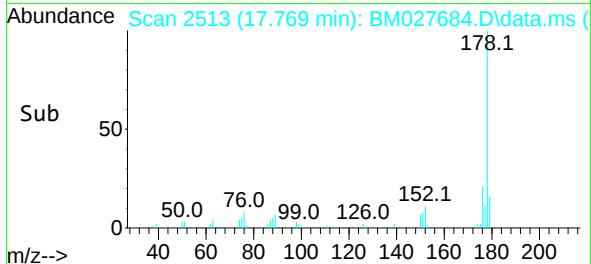
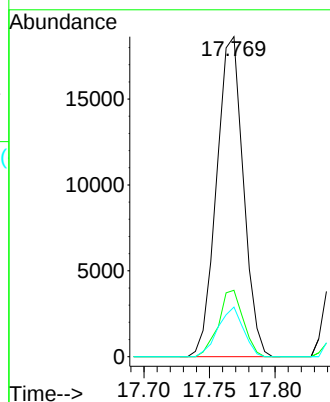
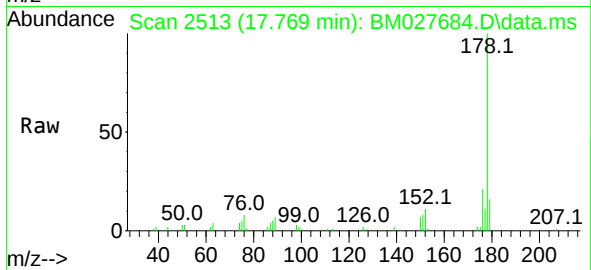
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:178	Resp:	26385
Ion Ratio	Lower	Upper
178	100	
176	20.8	15.0 22.6
179	15.5	12.2 18.4



#72

Anthracene

Concen: 3.89 ng

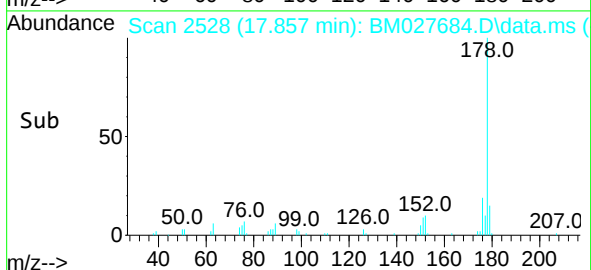
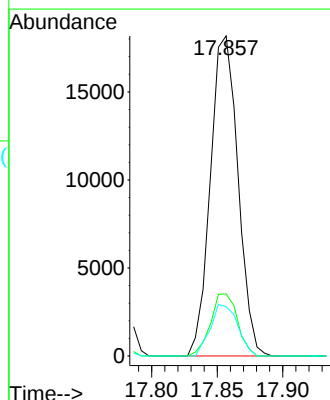
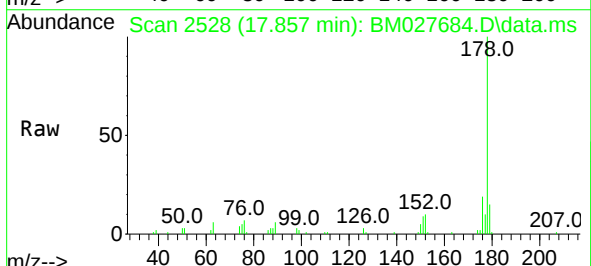
RT: 17.857 min Scan# 2528

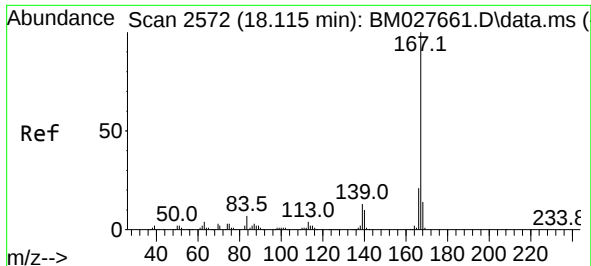
Delta R.T. 0.000 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:178	Resp:	26631
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.0 22.4
179	15.4	12.5 18.7

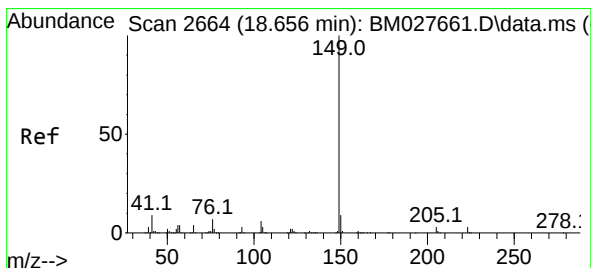
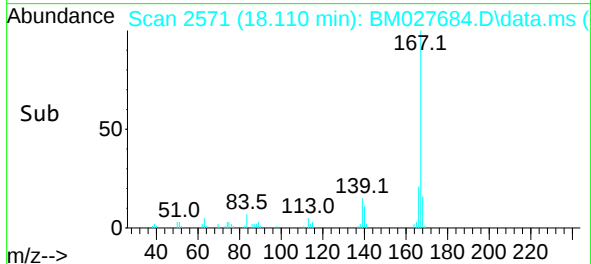
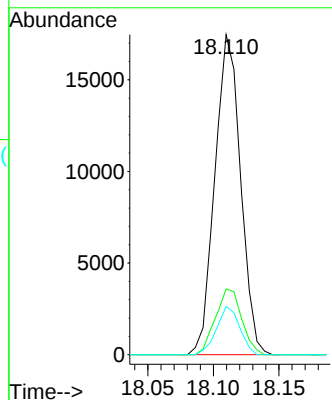
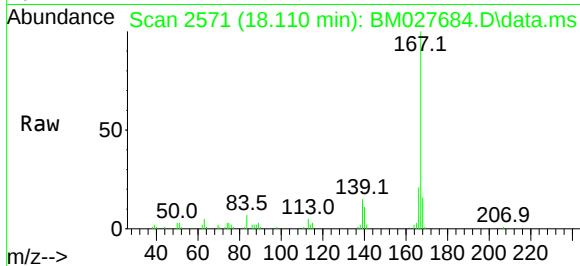




#73
Carbazole
Concen: 3.66 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

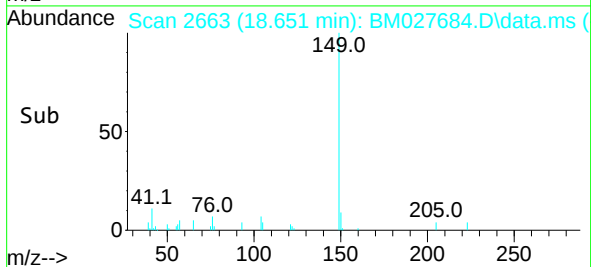
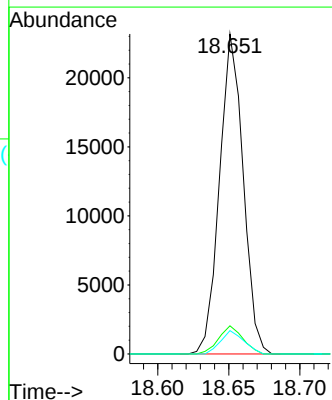
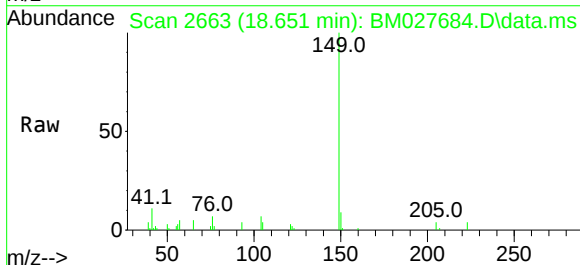
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

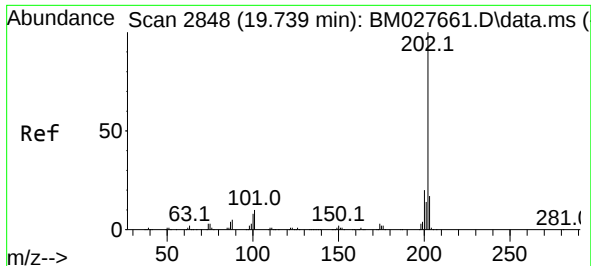
Tgt Ion:167 Resp: 23766
Ion Ratio Lower Upper
167 100
166 20.5 16.9 25.3
139 15.0 9.9 14.9#



#74
Di-n-butylphthalate
Concen: 3.51 ng
RT: 18.651 min Scan# 2663
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:149 Resp: 26779
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 7.3 4.7 7.1#

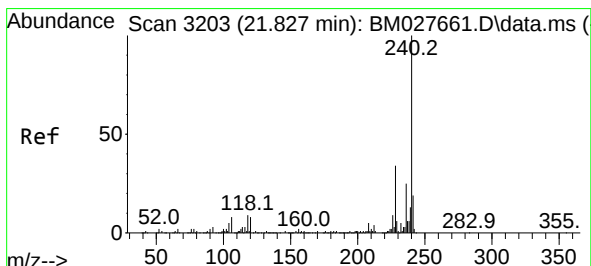
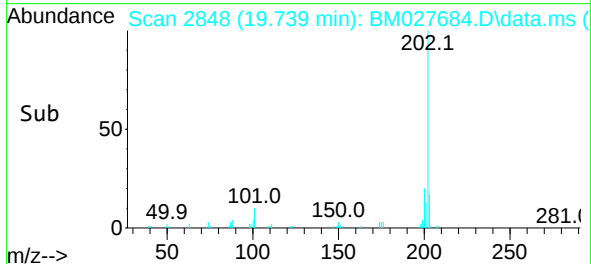
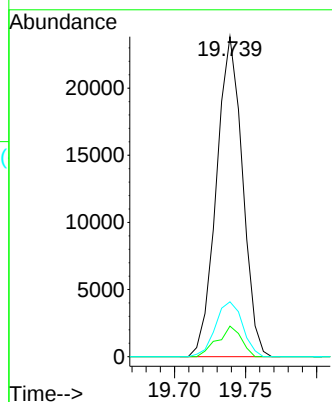
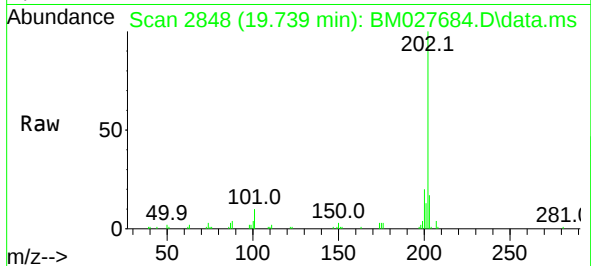




#75
Fluoranthene
Concen: 3.70 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

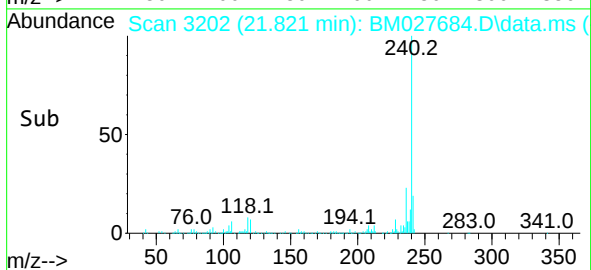
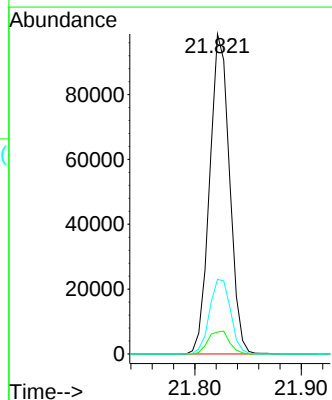
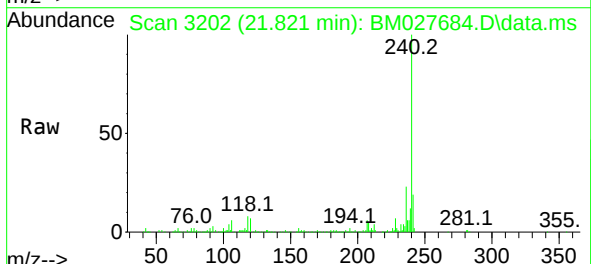
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

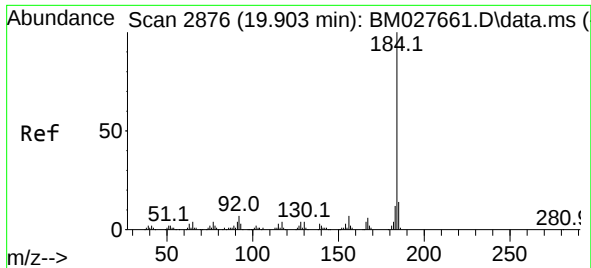
Tgt Ion:202	Resp:	30384
Ion Ratio	Lower	Upper
202	100	
101	9.6	0.0 28.5
203	17.2	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.821 min Scan# 3202
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:240	Resp:	127612
Ion Ratio	Lower	Upper
240	100	
120	6.9	6.4 9.6
236	23.3	20.1 30.1

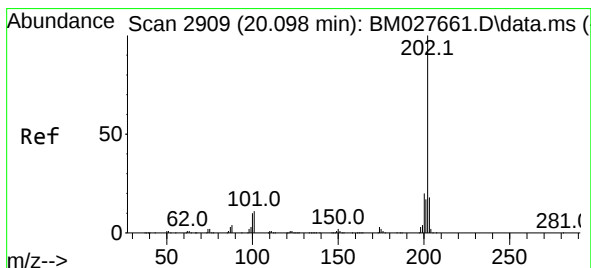
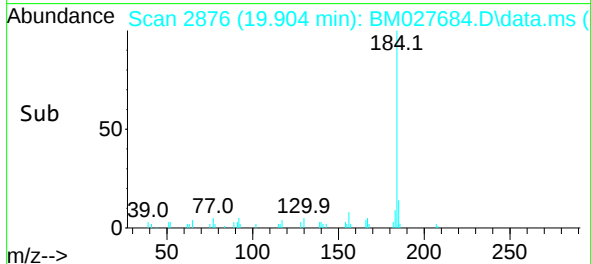
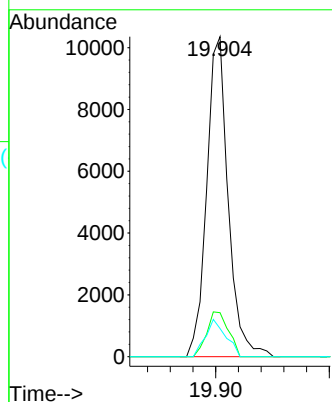
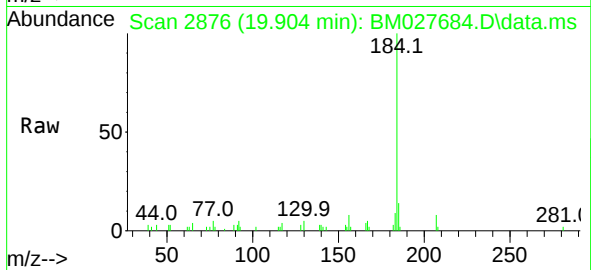




#77
Benzidine
Concen: 3.73 ng
RT: 19.904 min Scan# 2876
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

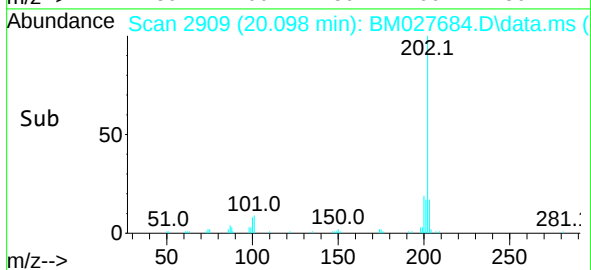
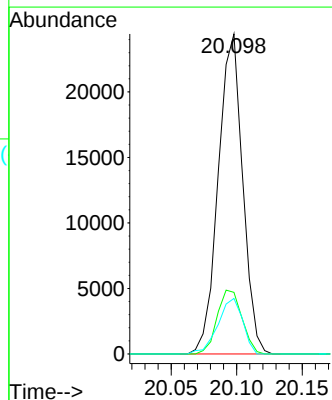
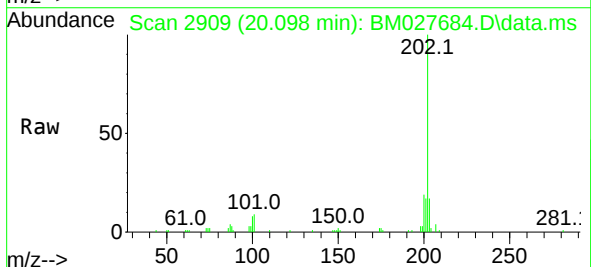
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

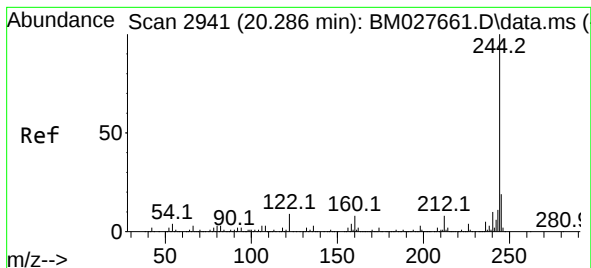
Tgt Ion:184 Resp: 13559
Ion Ratio Lower Upper
184 100
185 13.8 11.0 16.6
183 8.8 9.7 14.5#



#78
Pyrene
Concen: 3.57 ng
RT: 20.098 min Scan# 2909
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:202 Resp: 31570
Ion Ratio Lower Upper
202 100
200 19.2 16.6 24.8
203 17.4 13.8 20.6

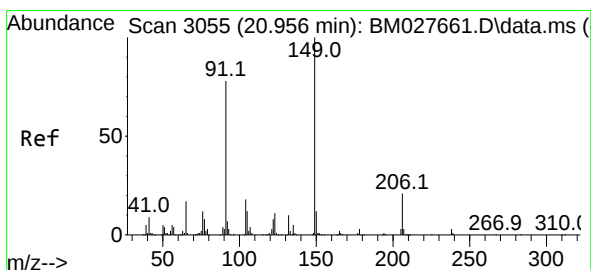
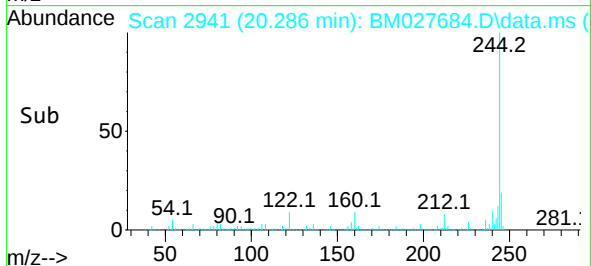
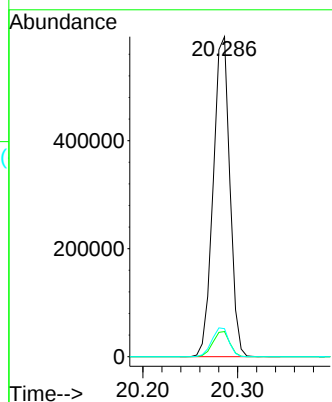
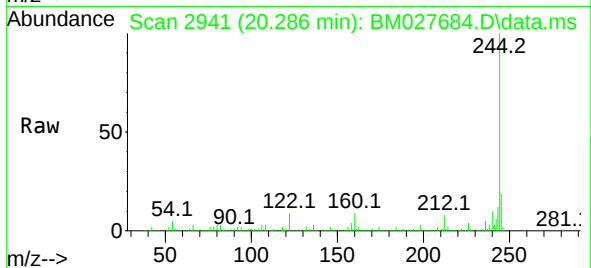




#79
 Terphenyl-d14
 Concen: 111.71 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027684.D
 Acq: 03 Nov 2020 11:21

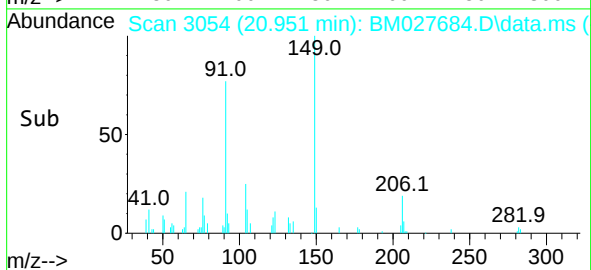
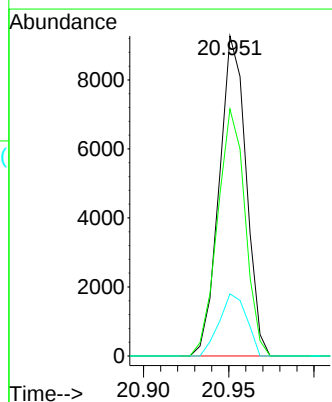
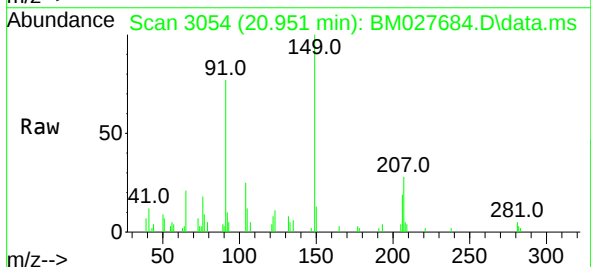
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

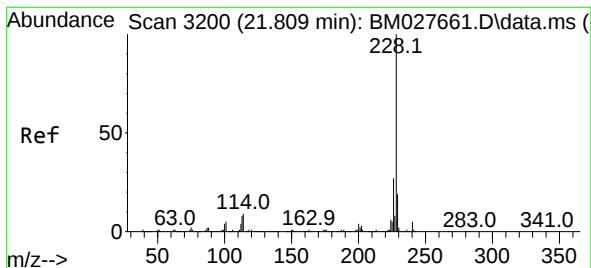
Tgt Ion:244	Resp:	722689
Ion Ratio	Lower	Upper
244	100	
212	7.9	5.8 8.8
122	8.8	6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 3.04 ng
 RT: 20.951 min Scan# 3054
 Delta R.T. -0.006 min
 Lab File: BM027684.D
 Acq: 03 Nov 2020 11:21

Tgt Ion:149	Resp:	10171
Ion Ratio	Lower	Upper
149	100	
91	77.2	58.1 87.1
206	19.4	18.7 28.1

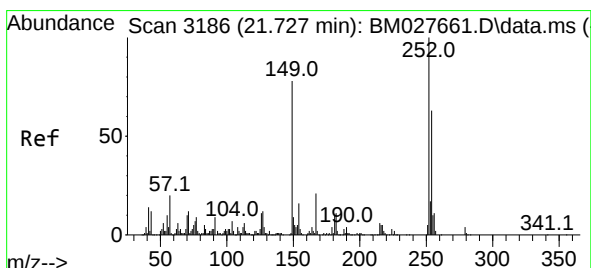
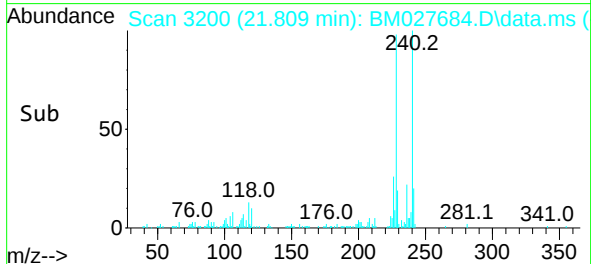
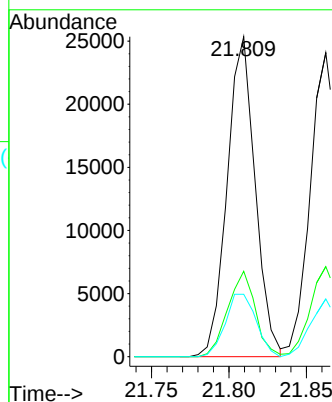
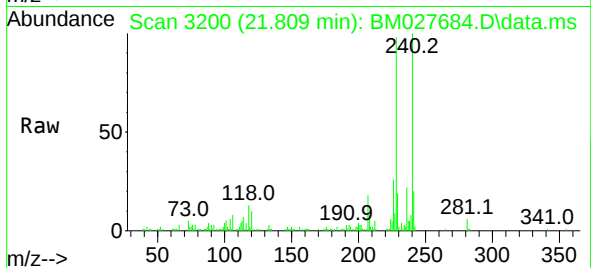




#81
Benzo(a)anthracene
Concen: 3.70 ng
RT: 21.809 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

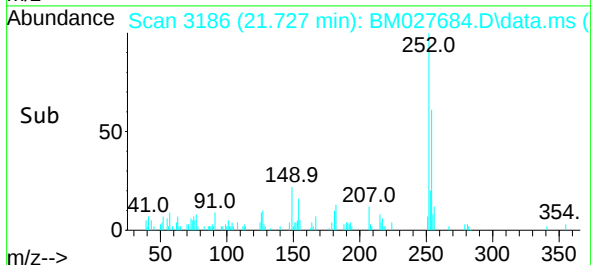
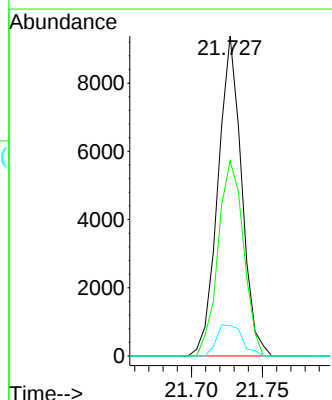
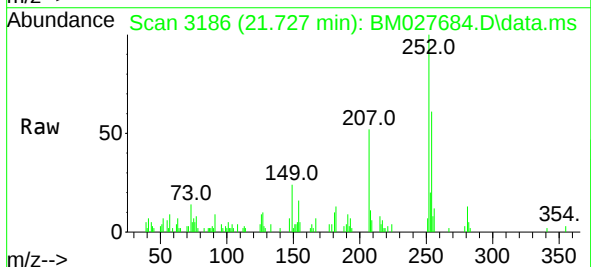
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

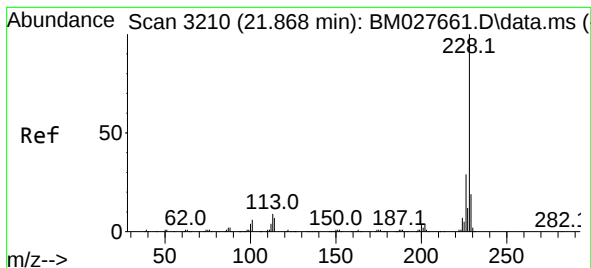
Tgt Ion:228 Resp: 31847
Ion Ratio Lower Upper
228 100
226 26.7 21.1 31.7
229 19.5 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 3.67 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.000 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:252 Resp: 10847
Ion Ratio Lower Upper
252 100
254 61.0 51.4 77.0
126 9.4 6.8 10.2





#83

Chrysene

Concen: 3.80 ng

RT: 21.862 min Scan# 3209

Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

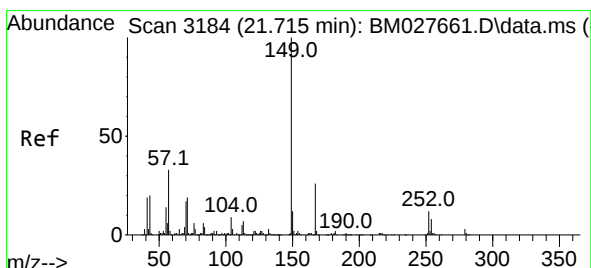
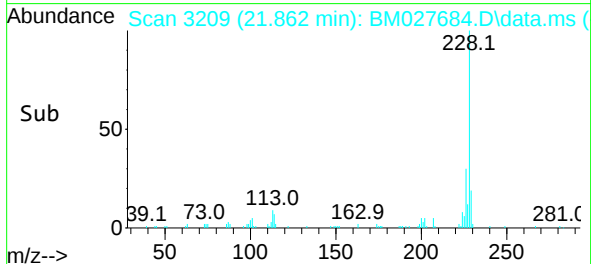
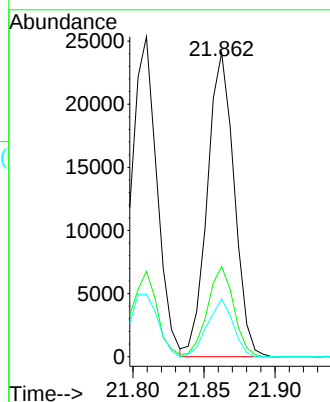
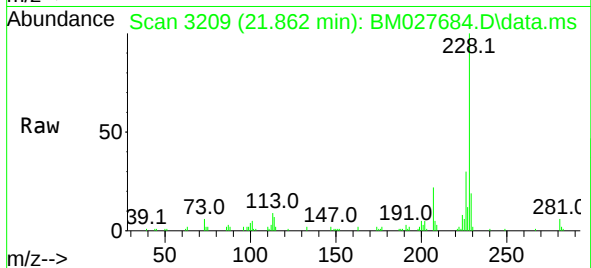
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020

Tgt Ion:	228	Resp:	31600
Ion Ratio	Lower	Upper	
228	100		
226	29.7	23.4	35.0
229	19.0	15.7	23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.49 ng

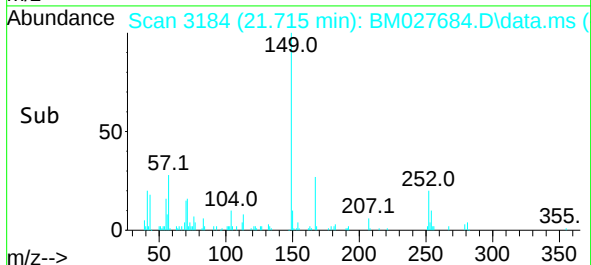
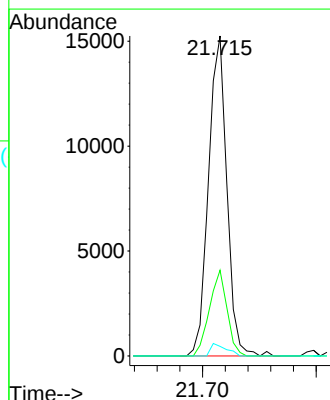
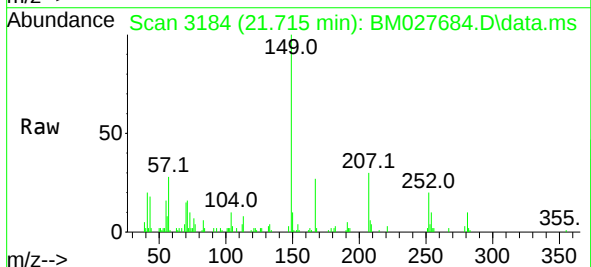
RT: 21.715 min Scan# 3184

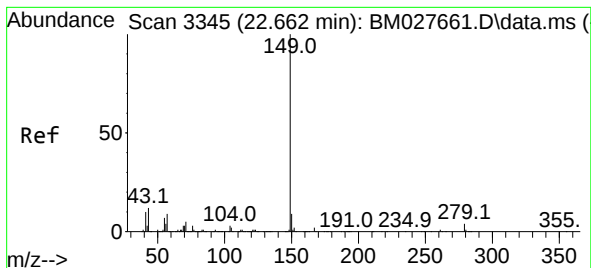
Delta R.T. 0.000 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:	149	Resp:	17096
Ion Ratio	Lower	Upper	
149	100		
167	26.8	22.7	34.1
279	3.0	4.0	6.0#

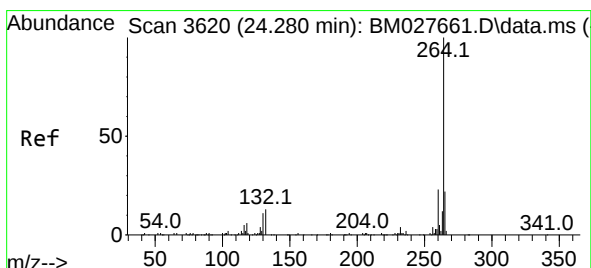
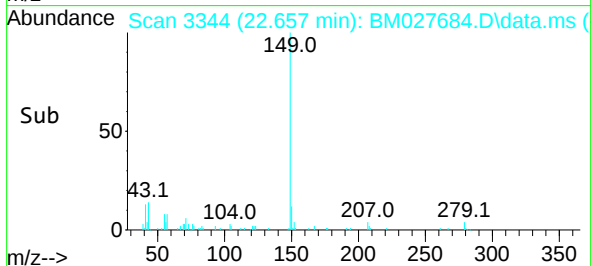
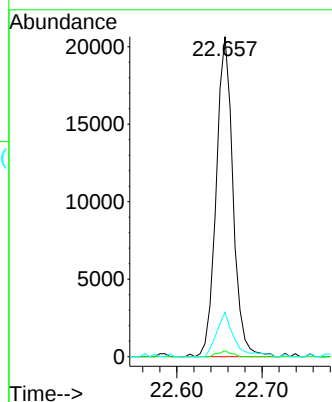
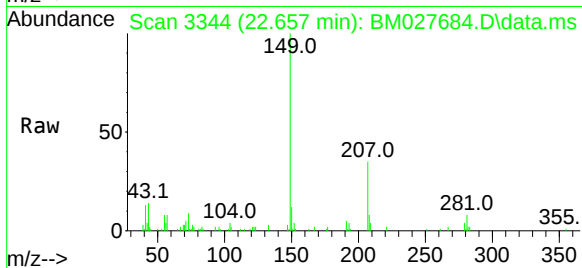




#85
Di-n-octyl phthalate
Concen: 3.42 ng
RT: 22.657 min Scan# 3344
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

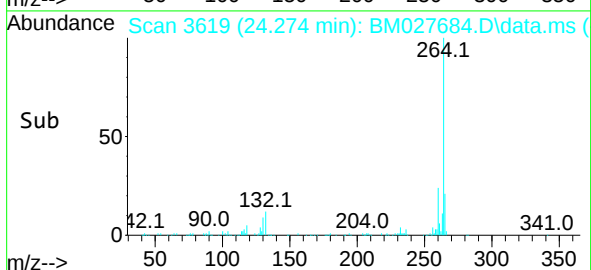
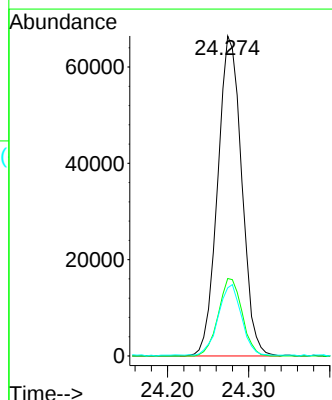
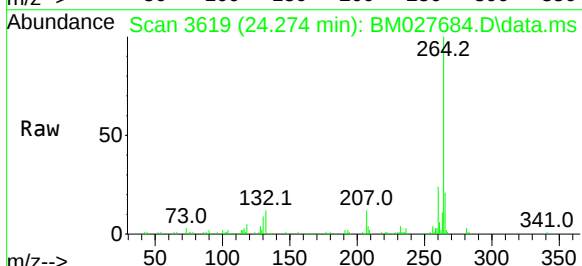
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT4-2020

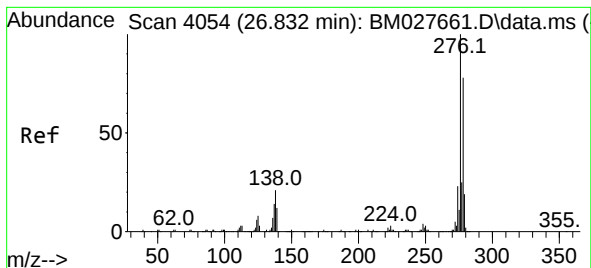
Tgt Ion:149 Resp: 28248
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.5 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.274 min Scan# 3619
Delta R.T. -0.006 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:264 Resp: 136618
Ion Ratio Lower Upper
264 100
260 24.2 19.0 28.4
265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.81 ng

RT: 26.821 min Scan# 4052

Delta R.T. -0.011 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

Tgt Ion:276 Resp: 38098

Ion Ratio Lower Upper

276 100

138 19.5 14.2 21.4

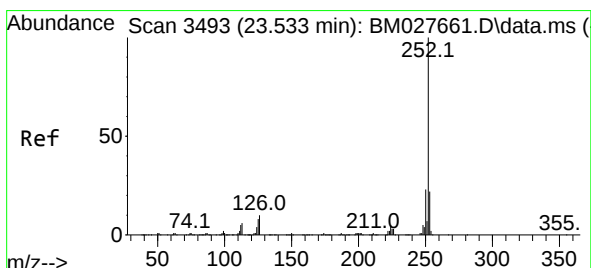
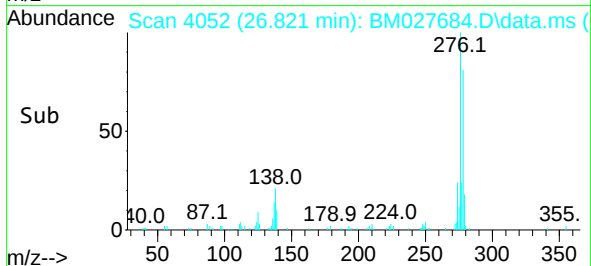
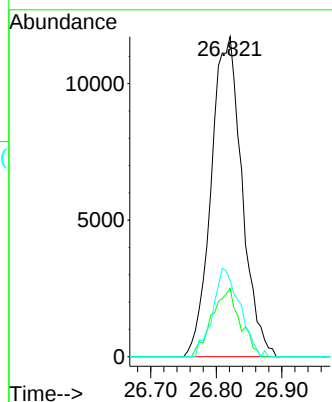
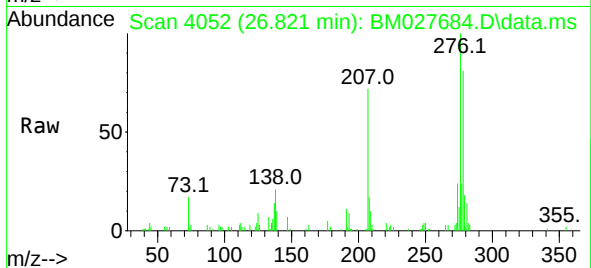
277 24.5 19.8 29.8

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 3.54 ng

RT: 23.580 min Scan# 3501

Delta R.T. 0.047 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

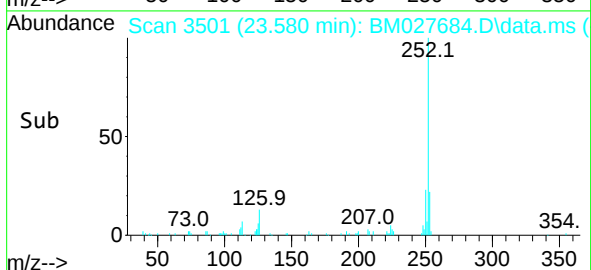
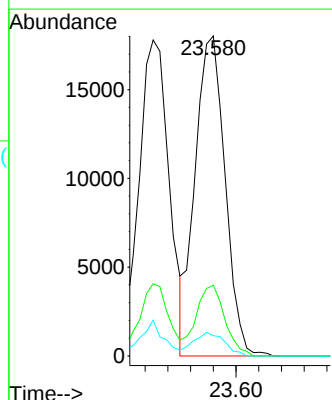
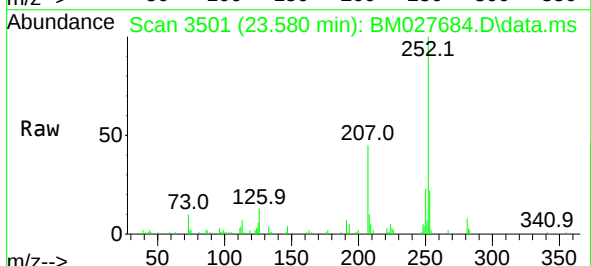
Tgt Ion:252 Resp: 33007

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 6.3 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 3.72 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

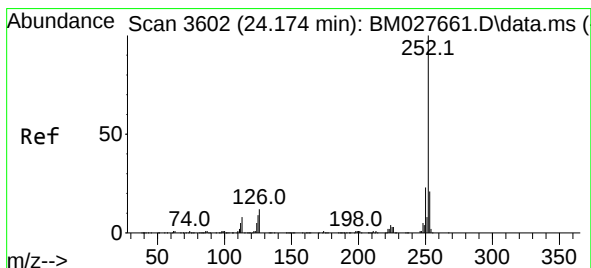
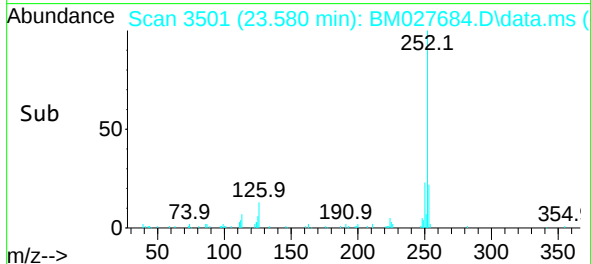
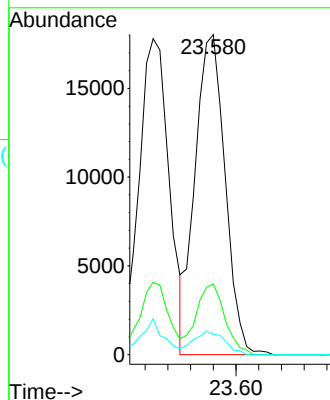
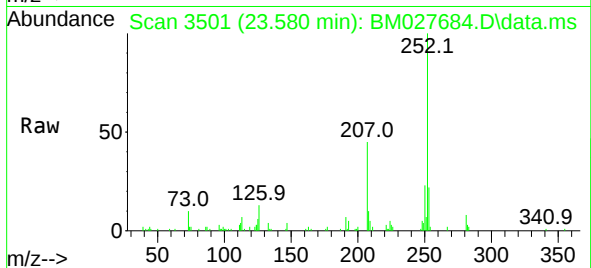
Tgt Ion:252 Resp: 33007

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 6.3 5.6 8.4



#90

Benzo(a)pyrene

Concen: 3.58 ng

RT: 24.168 min Scan# 3601

Delta R.T. -0.006 min

Lab File: BM027684.D

Acq: 03 Nov 2020 11:21

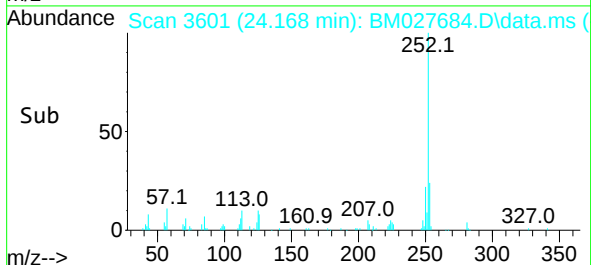
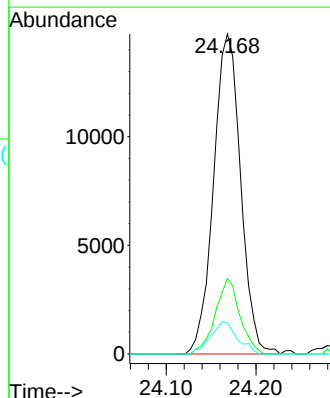
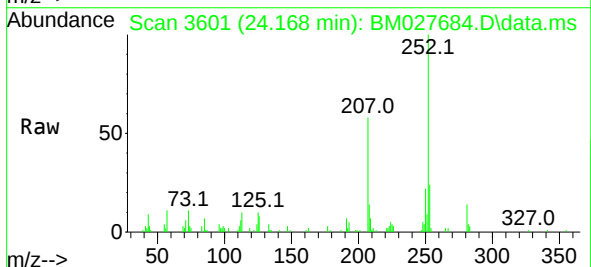
Tgt Ion:252 Resp: 30811

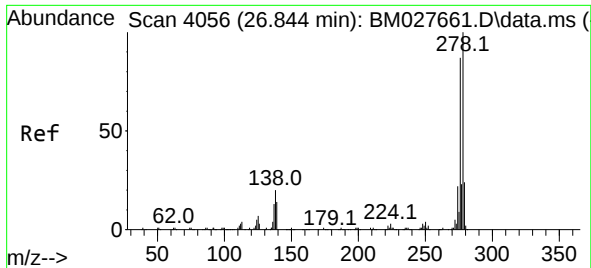
Ion Ratio Lower Upper

252 100

253 23.5 17.4 26.2

125 9.6 6.6 9.8

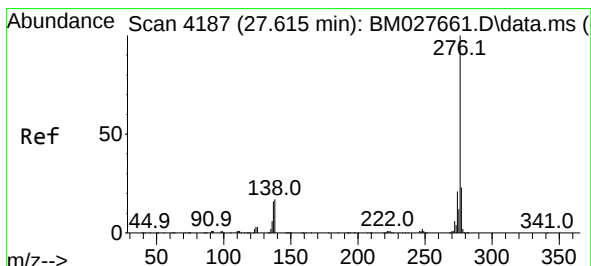
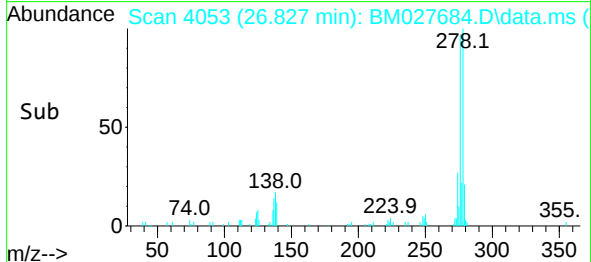
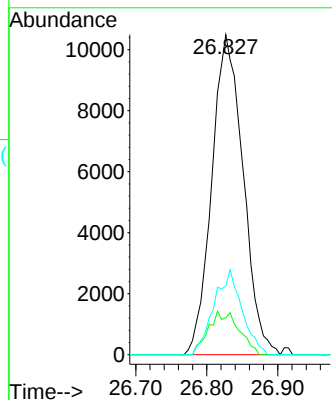
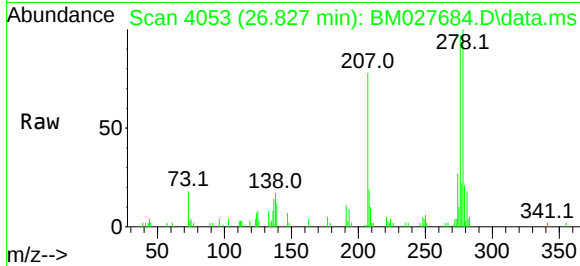




#91
Dibenzo(a,h)anthracene
Concen: 3.94 ng
RT: 26.827 min Scan# 4053
Delta R.T. -0.017 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

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

Tgt Ion:	278	Resp:	32139
Ion Ratio	Lower	Upper	
278	100		
139	11.6	9.0	13.6
279	21.5	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 4.04 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.017 min
Lab File: BM027684.D
Acq: 03 Nov 2020 11:21

Tgt Ion:	276	Resp:	32320
Ion Ratio	Lower	Upper	
276	100		
277	24.8	18.6	28.0
138	16.9	12.2	18.2

