

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027671.D
 Acq On : 02 Nov 2020 11:16
 Operator : JU/CG
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 4PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Quant Time: Nov 02 11:52:11 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 02 11:50:46 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.404	152	18010	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	63415	20.00	ng	# 0.00
39) Acenaphthene-d10	15.016	164	39679	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	85275	20.00	ng	# 0.00
76) Chrysene-d12	21.827	240	89886	20.00	ng	0.00
86) Perylene-d12	24.280	264	99272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	164522	144.34	ng	0.00
7) Phenol-d6	7.522	99	211694	132.14	ng	0.00
23) Nitrobenzene-d5	9.575	82	162411	116.84	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	73613	155.36	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	310495	111.66	ng	0.00
79) Terphenyl-d14	20.286	244	490206	107.58	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	2060	4.21	ng	# 75
3) Pyridine	4.028	79	4939	3.52	ng	# 36
4) n-Nitrosodimethylamine	3.928	42	3978	4.57	ng	# 45
6) Aniline	7.704	93	7034	3.89	ng	99
8) 2-Chlorophenol	7.951	128	4133	3.61	ng	86
9) Benzaldehyde	7.516	77	4682	5.67	ng	90
10) Phenol	7.545	94	5424	3.58	ng	# 65
11) bis(2-Chloroethyl)ether	7.798	93	3966	3.41	ng	87
12) 1,3-Dichlorobenzene	8.287	146	5114	3.66	ng	97
13) 1,4-Dichlorobenzene	8.434	146	5050	3.60	ng	91
14) 1,2-Dichlorobenzene	8.763	146	4902	3.67	ng	92
15) Benzyl Alcohol	8.634	79	4716	3.68	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.939	45	6490	3.49	ng	74
17) 2-Methylphenol	8.828	107	3612	3.55	ng	94
18) Hexachloroethane	9.510	117	1964	3.53	ng	# 87
19) n-Nitroso-di-n-propyla...	9.204	70	3799	3.63	ng	# 68
20) 3+4-Methylphenols	9.157	107	4661	3.44	ng	98
22) Acetophenone	9.228	105	7027	3.90	ng	# 77
24) Nitrobenzene	9.616	77	6589	4.61	ng	# 91
25) Isophorone	10.151	82	9266	3.84	ng	99
26) 2-Nitrophenol	10.334	139	1521	3.23	ng	# 85
27) 2,4-Dimethylphenol	10.381	122	5393	5.84	ng	# 80
28) bis(2-Chloroethoxy)met...	10.628	93	5333	3.67	ng	91
29) 2,4-Dichlorophenol	10.869	162	3304	3.31	ng	85
30) 1,2,4-Trichlorobenzene	11.098	180	4518	3.71	ng	# 84
31) Naphthalene	11.292	128	12988	3.87	ng	96
32) Benzoic acid	10.381	122	5393	9.92	ng	# 12
33) 4-Chloroaniline	11.386	127	5333	3.62	ng	94
34) Hexachlorobutadiene	11.586	225	3065	3.88	ng	# 80
35) Caprolactam	12.104	113	951	2.85	ng	# 56
36) 4-Chloro-3-methylphenol	12.469	107	4215	3.63	ng	94
37) 2-Methylnaphthalene	12.875	142	8952	3.77	ng	97
38) 1-Methylnaphthalene	12.875	142	8952	3.97	ng	99
40) 1,2,4,5-Tetrachloroben...	13.227	216	4843	3.86	ng	# 95
41) Hexachlorocyclopentadiene	13.216	237	3207	4.70	ng	91
43) 2,4,6-Trichlorophenol	13.522	196	2860	3.51	ng	88

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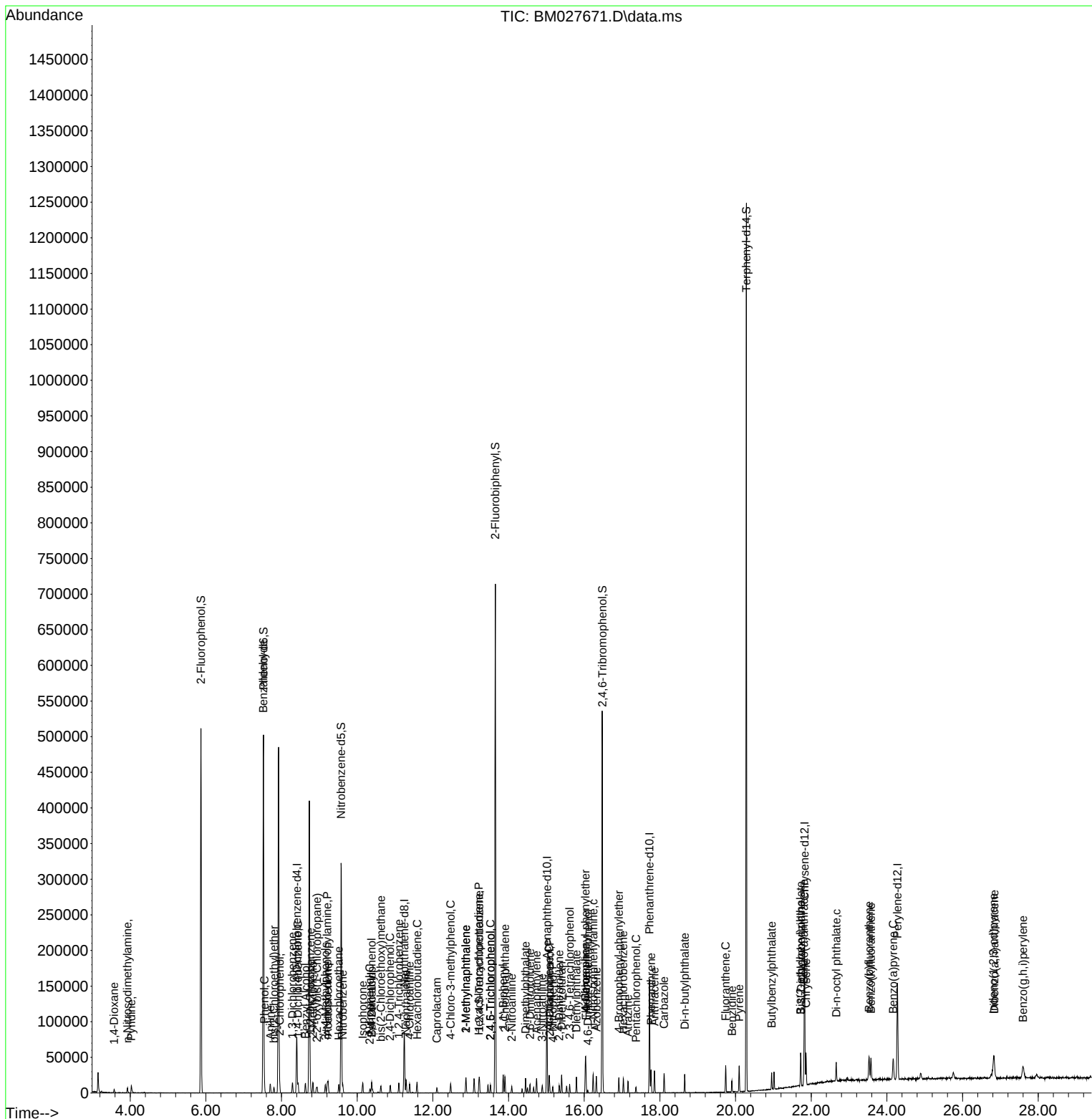
Quant Time: Nov 02 11:52:11 2020
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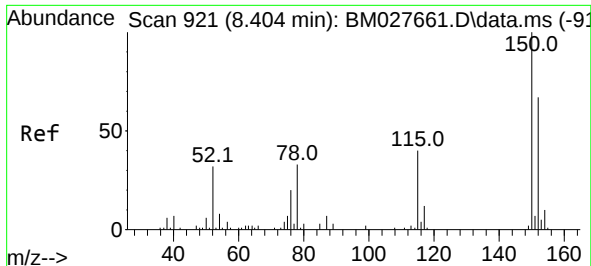
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	2860	3.28	ng	# 86
46) 1,1'-Biphenyl	13.857	154	12318	4.06	ng	97
47) 2-Chloronaphthalene	13.904	162	9313	3.71	ng	# 90
48) 2-Nitroaniline	14.086	65	2397	2.84	ng	97
49) Acenaphthylene	14.739	152	13281	3.50	ng	96
50) Dimethylphthalate	14.451	163	11309	3.56	ng	97
51) 2,6-Dinitrotoluene	14.569	165	2094	3.35	ng	# 63
52) Acenaphthene	15.074	154	8842	3.56	ng	90
53) 3-Nitroaniline	14.886	138	2069	2.92	ng	# 99
54) 2,4-Dinitrophenol	15.086	184	733	2.78	ng	# 1
55) Dibenzofuran	15.404	168	13934	3.77	ng	# 88
56) 4-Nitrophenol	15.169	139	1455	2.53	ng	# 79
57) 2,4-Dinitrotoluene	15.339	165	2486	2.94	ng	# 85
58) Fluorene	16.045	166	11645	3.84	ng	93
59) 2,3,4,6-Tetrachlorophenol	15.616	232	2769	3.61	ng	# 93
60) Diethylphthalate	15.792	149	11232	3.47	ng	# 91
61) 4-Chlorophenyl-phenyle...	16.033	204	5869	3.76	ng	# 84
62) 4-Nitroaniline	16.039	138	2369	2.95	ng	98
63) Azobenzene	16.321	77	12700	3.78	ng	# 78
65) 4,6-Dinitro-2-methylph...	16.098	198	1285	3.74	ng	90
66) n-Nitrosodiphenylamine	16.239	169	9574	3.72	ng	98
67) 4-Bromophenyl-phenylether	16.915	248	3341	3.66	ng	# 86
68) Hexachlorobenzene	17.033	284	4003	3.78	ng	# 85
69) Atrazine	17.157	200	3071	3.52	ng	86
70) Pentachlorophenol	17.368	266	1926	3.36	ng	91
71) Phenanthrene	17.768	178	18679	3.88	ng	98
72) Anthracene	17.857	178	17975	3.82	ng	98
73) Carbazole	18.109	167	16299	3.64	ng	# 95
74) Di-n-butylphthalate	18.657	149	16388	3.12	ng	# 95
75) Fluoranthene	19.739	202	21288	3.76	ng	99
77) Benzidine	19.903	184	9600	3.75	ng	98
78) Pyrene	20.098	202	22174	3.56	ng	94
80) Butylbenzylphthalate	20.956	149	6042	2.56	ng	96
81) Benzo(a)anthracene	21.809	228	22895	3.77	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	7667	3.68	ng	100
83) Chrysene	21.862	228	21679	3.70	ng	99
84) Bis(2-ethylhexyl)phtha...	21.715	149	9455	2.74	ng	98
85) Di-n-octyl phthalate	22.662	149	16458	2.83	ng	# 82
87) Indeno(1,2,3-cd)pyrene	26.815	276	26254	3.62	ng	95
88) Benzo(b)fluoranthene	23.527	252	23673	3.50	ng	# 97
89) Benzo(k)fluoranthene	23.580	252	22330	3.47	ng	# 98
90) Benzo(a)pyrene	24.168	252	20513	3.28	ng	# 98
91) Dibenzo(a,h)anthracene	26.838	278	22586	3.81	ng	# 96
92) Benzo(g,h,i)perylene	27.597	276	22609	3.89	ng	97

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

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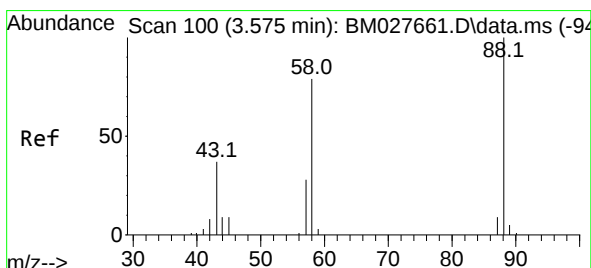
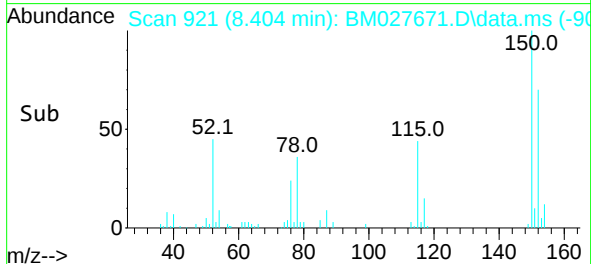
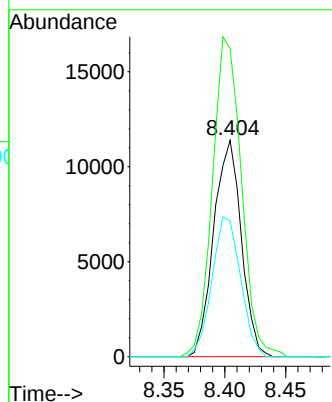
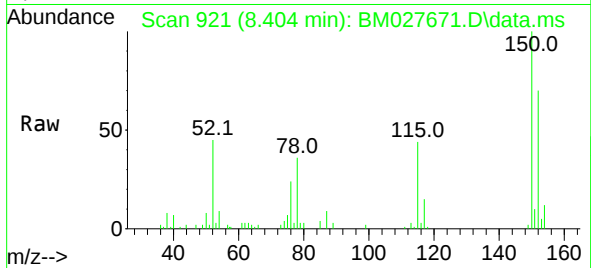




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

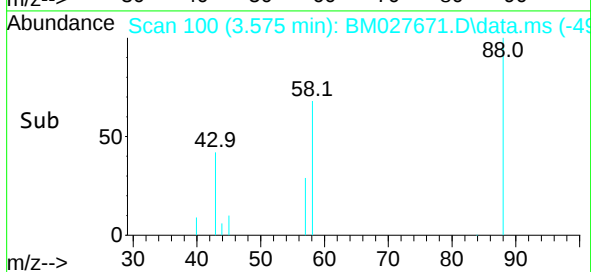
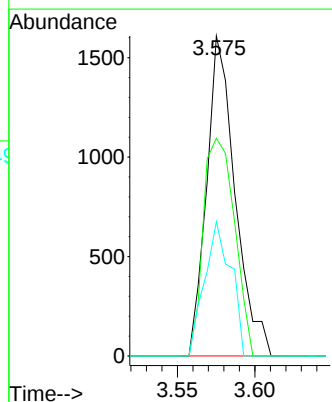
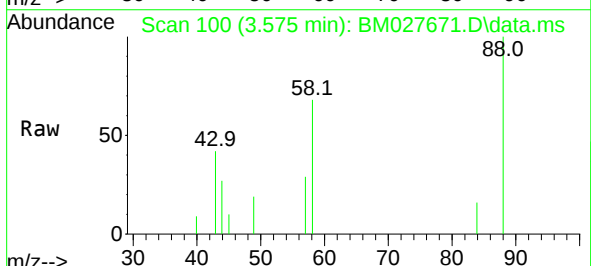
Instrument :
BNA_M
ClientSampleId :
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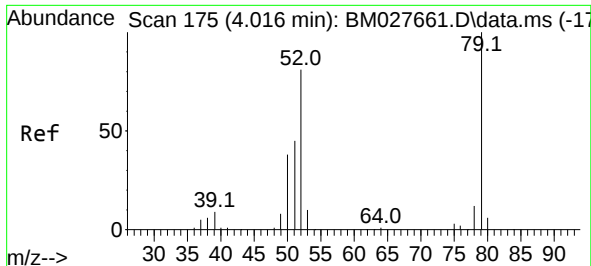
Tgt Ion:152 Resp: 18010
Ion Ratio Lower Upper
152 100
150 142.3 120.6 181.0
115 62.8 47.2 70.8



#2
1,4-Dioxane
Concen: 4.21 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

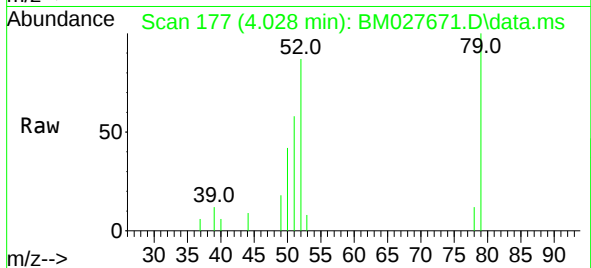
Tgt Ion: 88 Resp: 2060
Ion Ratio Lower Upper
88 100
58 74.3 46.2 69.2#
43 38.7 19.0 28.6#



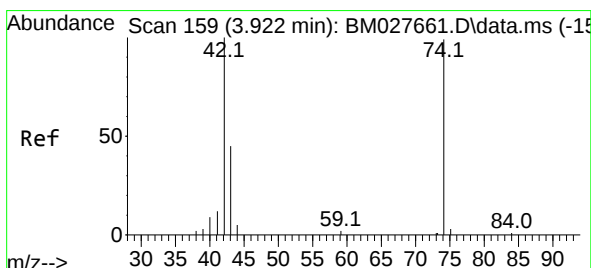
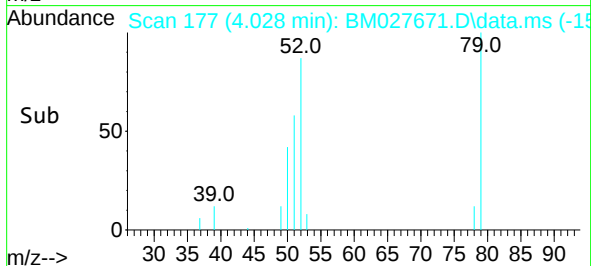
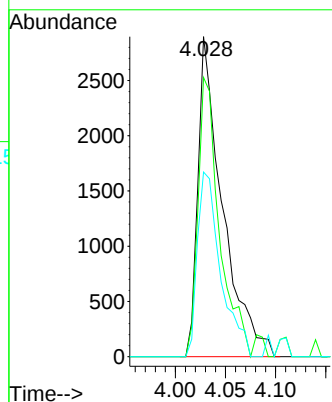


#3
Pyridine
Concen: 3.52 ng
RT: 4.028 min Scan# 177
Delta R.T. 0.012 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

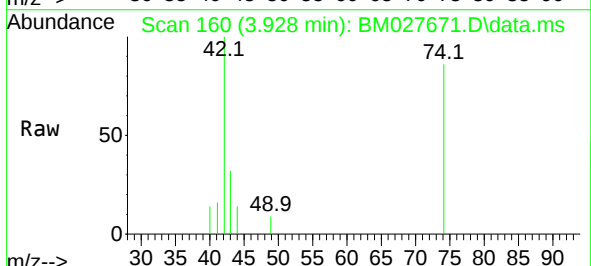
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



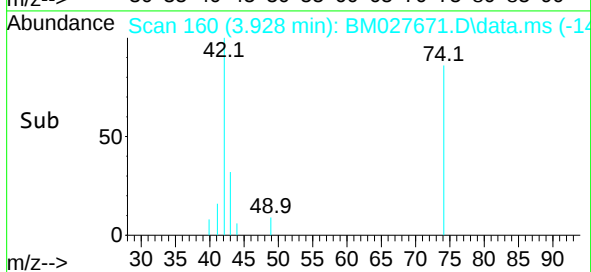
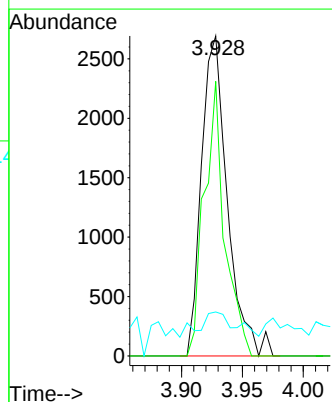
Tgt Ion	Ratio	Lower	Upper
79	100		
52	87.3	35.8	53.8#
51	57.7	21.0	31.6#

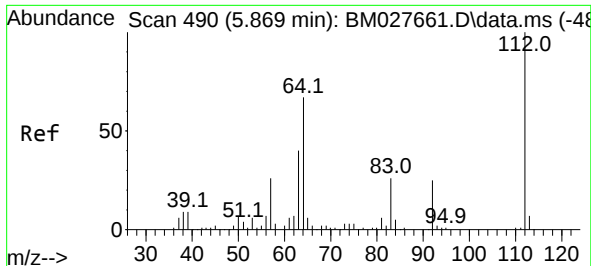


#4
n-Nitrosodimethylamine
Concen: 4.57 ng
RT: 3.928 min Scan# 160
Delta R.T. 0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16



Tgt Ion	Ratio	Lower	Upper
42	100		
74	85.8	127.8	191.6#
44	13.7	4.1	6.1#

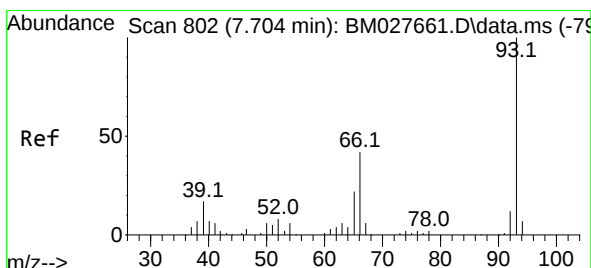
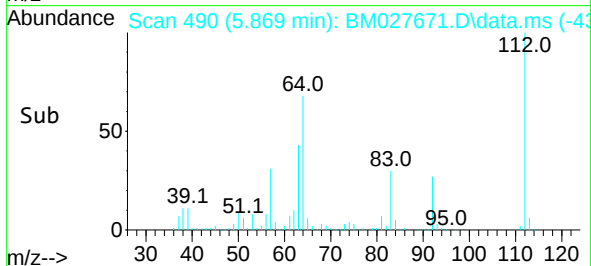
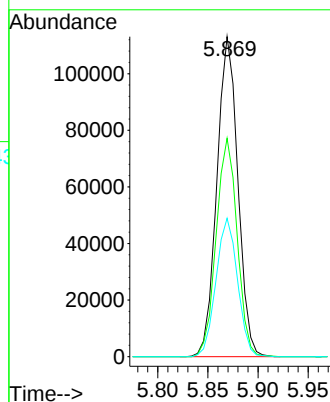
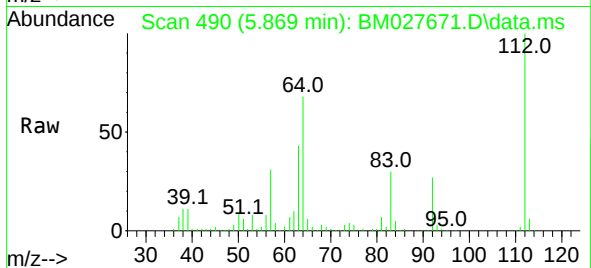




#5
2-Fluorophenol
Concen: 144.34 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

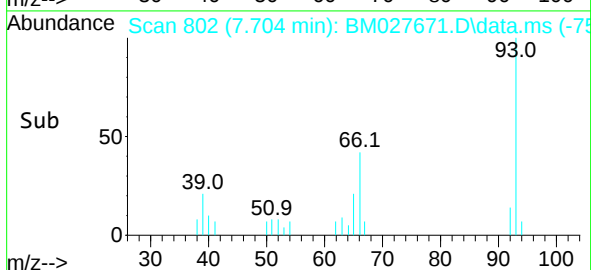
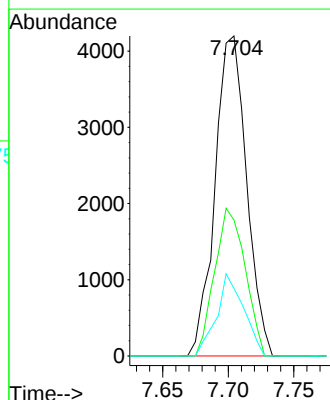
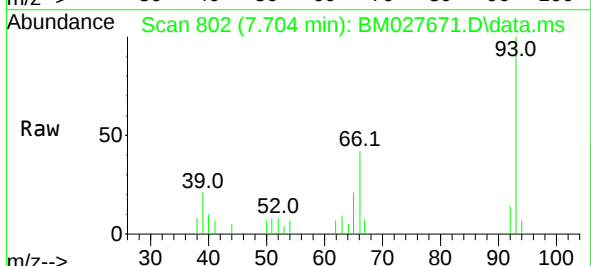
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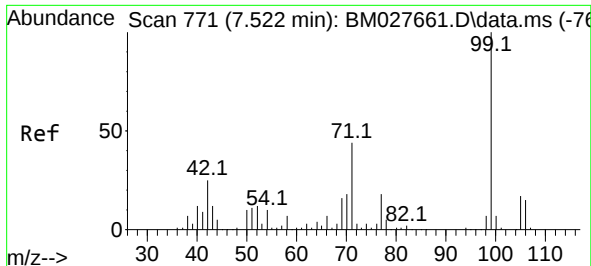
Tgt Ion:112 Resp: 164522
Ion Ratio Lower Upper
112 100
64 68.2 50.6 76.0
63 43.2 31.0 46.6



#6
Aniline
Concen: 3.89 ng
RT: 7.704 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 93 Resp: 7034
Ion Ratio Lower Upper
93 100
66 42.5 33.3 49.9
65 21.1 17.4 26.0

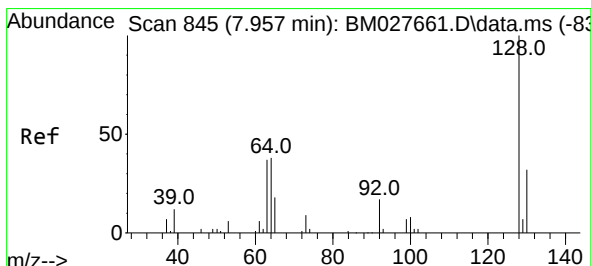
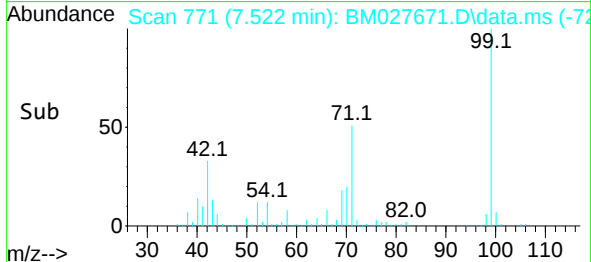
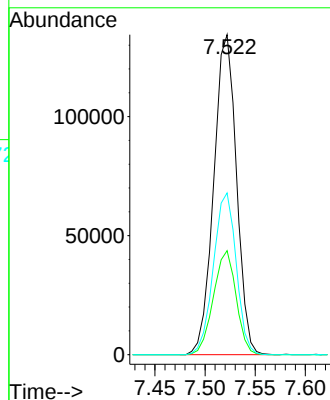
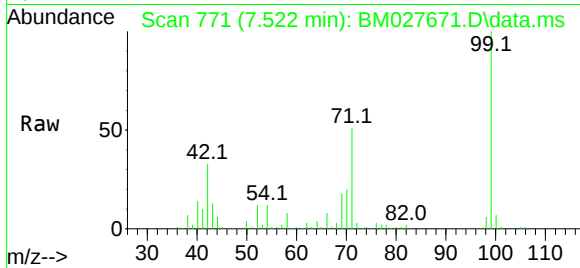




#7
Phenol-d6
Concen: 132.14 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

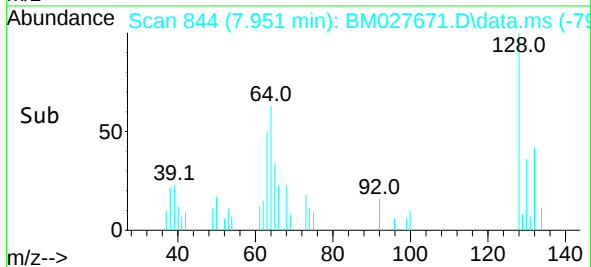
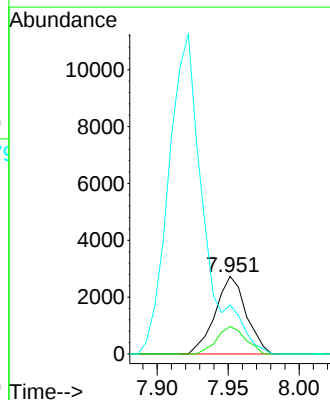
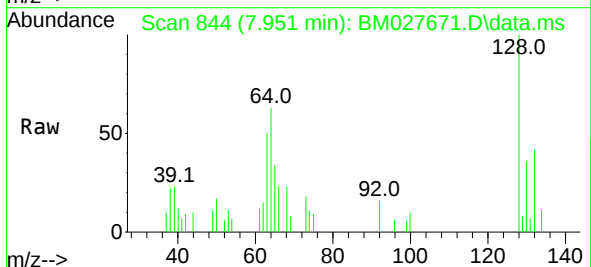
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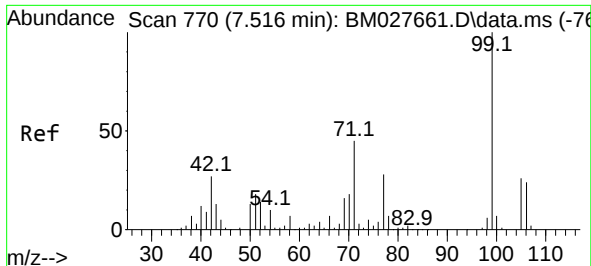
Tgt Ion:	99	Resp:	211694
Ion	Ratio	Lower	Upper
99	100		
42	32.5	13.5	20.3#
71	50.5	39.4	59.0



#8
2-Chlorophenol
Concen: 3.61 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	128	Resp:	4133
Ion	Ratio	Lower	Upper
128	100		
130	35.6	11.5	51.5
64	63.1	30.1	70.1

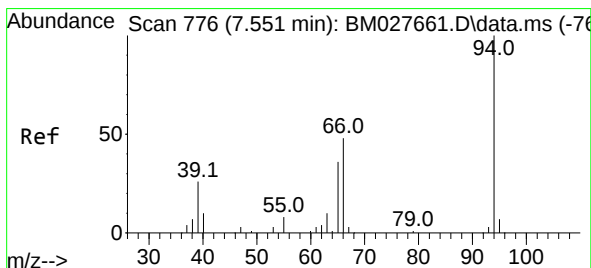
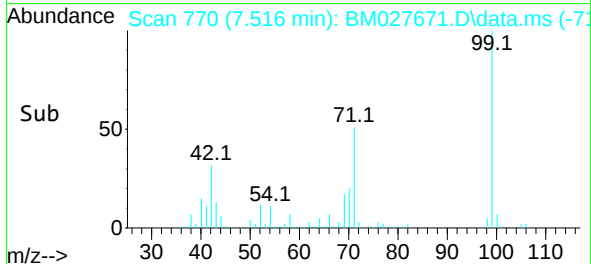
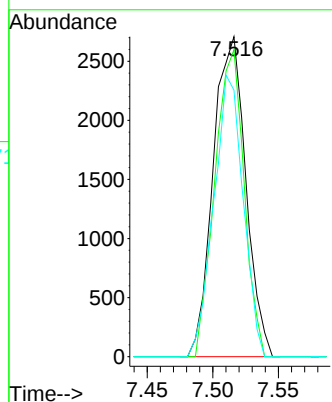
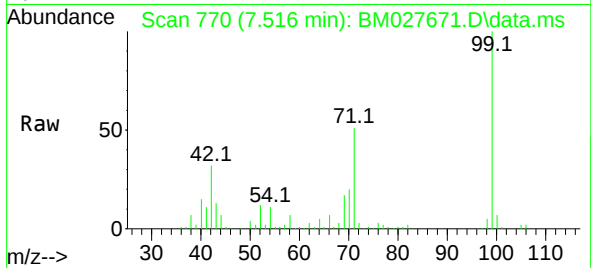




#9
Benzaldehyde
Concen: 5.67 ng
RT: 7.516 min Scan# 770
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

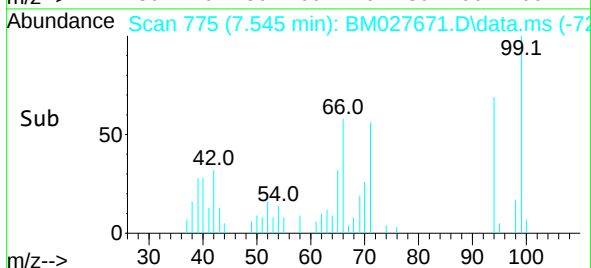
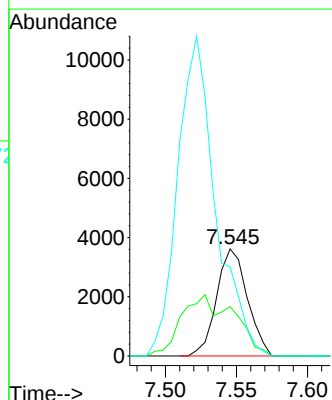
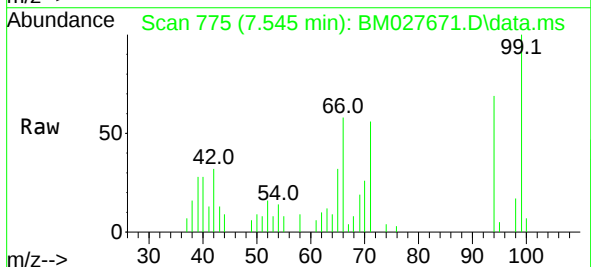
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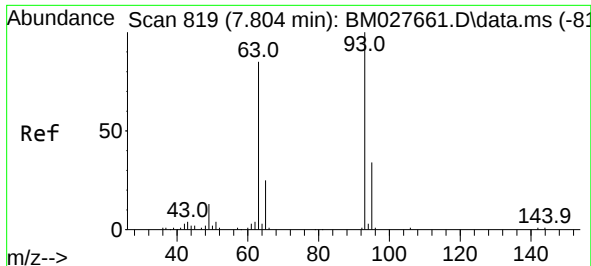
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Ion Ratio Lower Upper
77 100
105 95.9 64.7 104.7
106 83.3 57.5 97.5



#10
Phenol
Concen: 3.58 ng
RT: 7.545 min Scan# 775
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

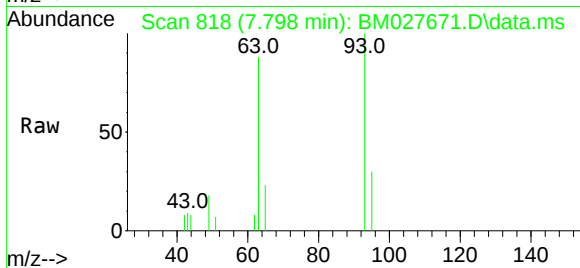
Tgt Ion: 94 Resp: 5424
Ion Ratio Lower Upper
94 100
65 46.1 16.4 56.4
66 83.3 30.2 70.2#



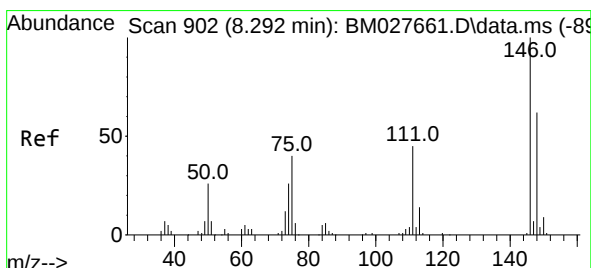
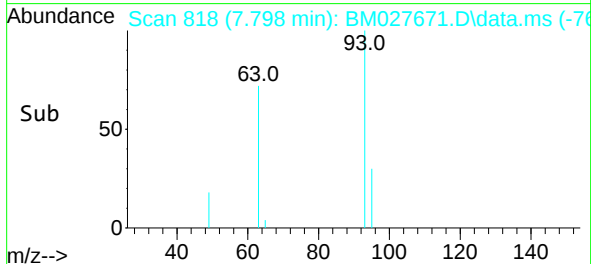
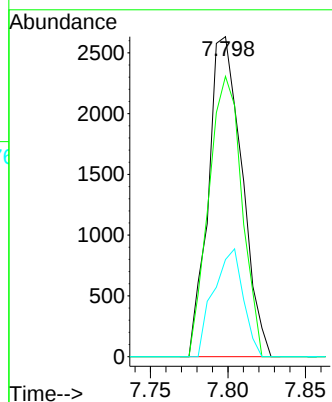


#11
bis(2-Chloroethyl)ether
Concen: 3.41 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

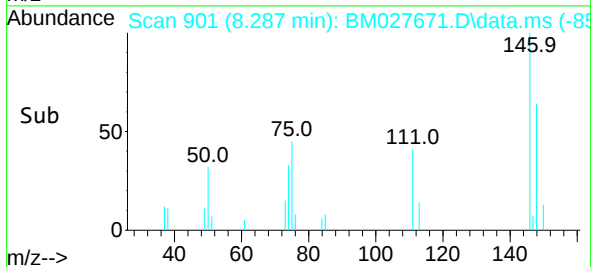
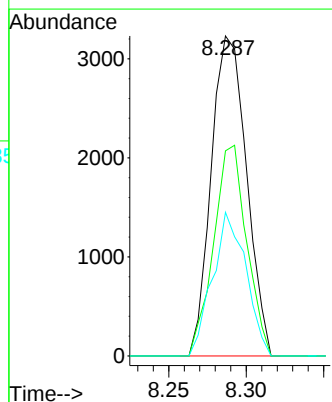
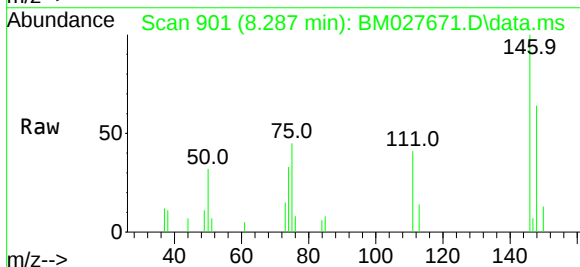


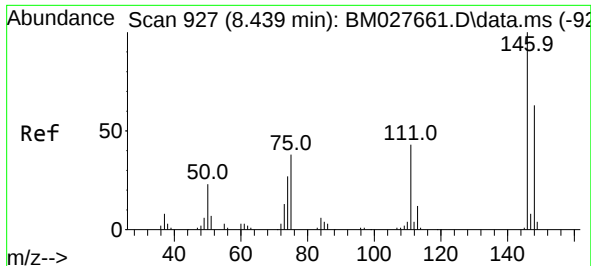
Tgt Ion:	93	Resp:	3966
Ion	Ratio	Lower	Upper
93	100		
63	87.6	53.1	93.1
95	30.3	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 3.66 ng
RT: 8.287 min Scan# 901
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	146	Resp:	5114
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
75	44.9	33.0	49.6

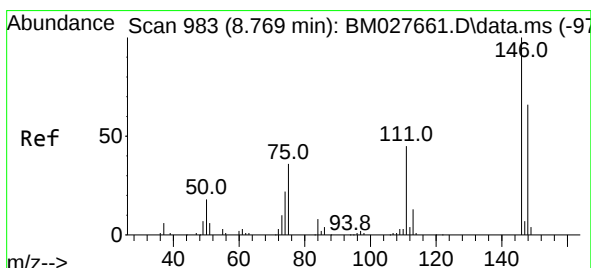
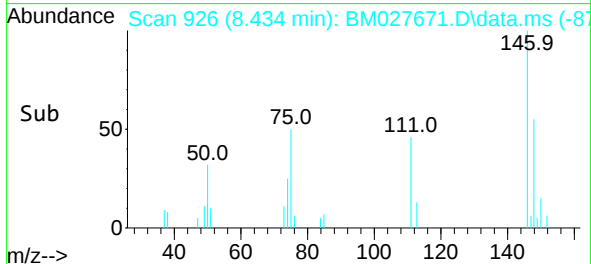
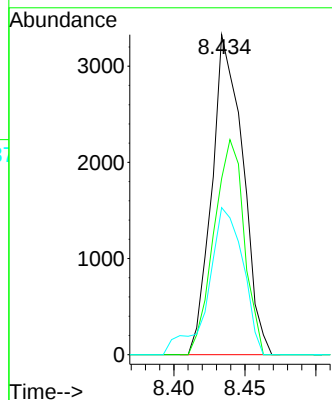
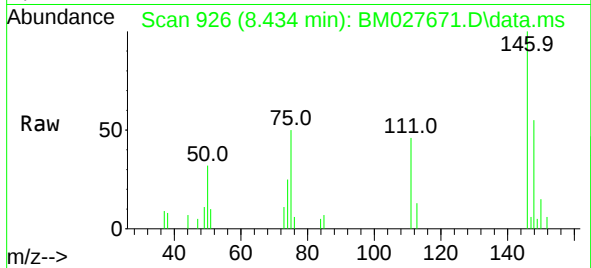




#13
1,4-Dichlorobenzene
Concen: 3.60 ng
RT: 8.434 min Scan# 926
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

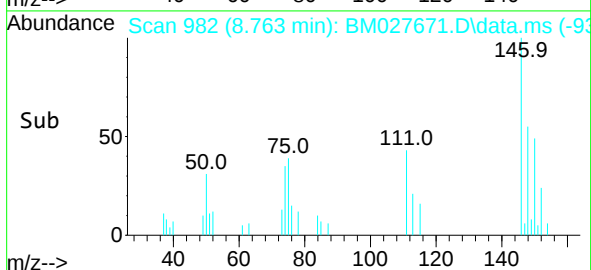
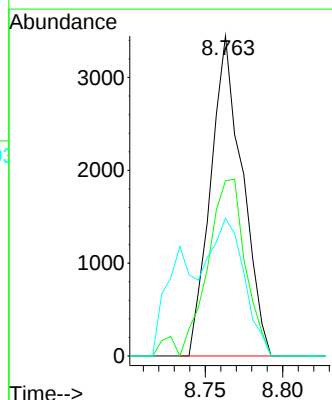
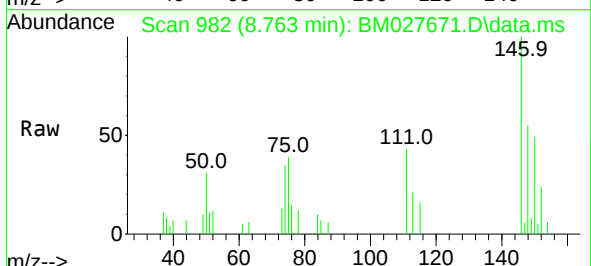
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

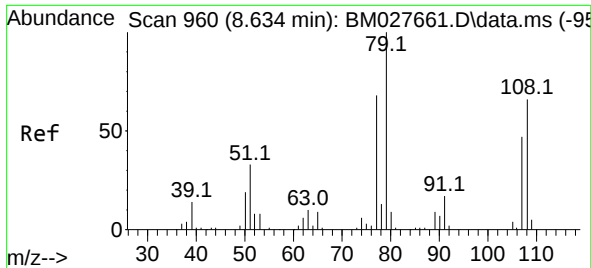
Tgt Ion:146 Resp: 5050
Ion Ratio Lower Upper
146 100
148 55.0 51.4 77.0
111 45.9 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 3.67 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:146 Resp: 4902
Ion Ratio Lower Upper
146 100
148 54.7 51.3 76.9
111 43.1 35.4 53.0

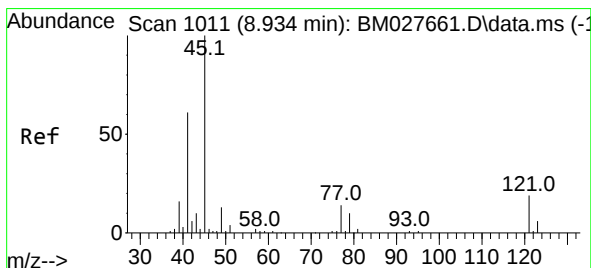
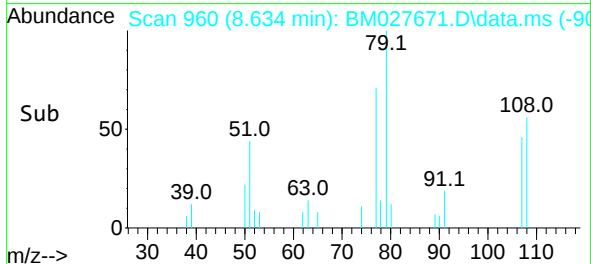
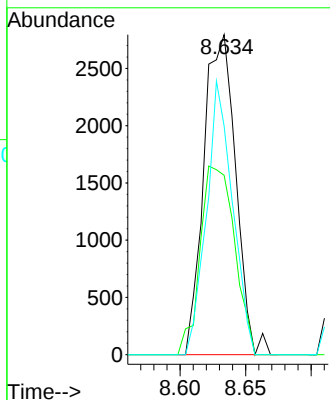
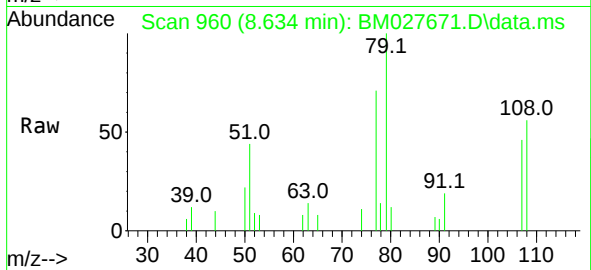




#15
Benzyl Alcohol
Concen: 3.68 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

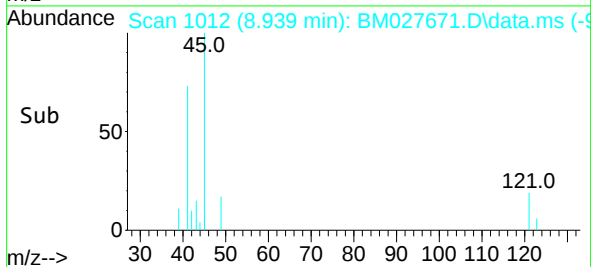
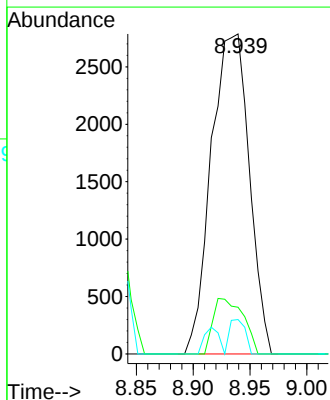
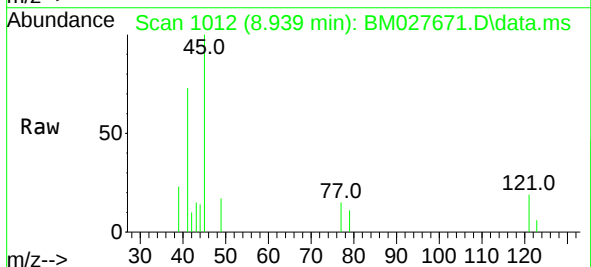
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

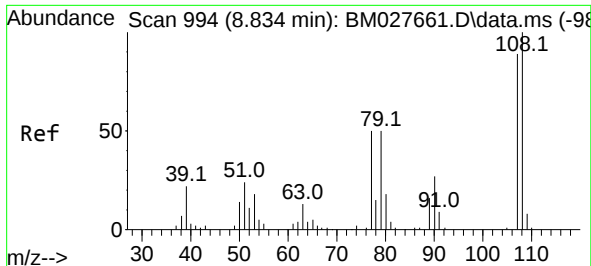
Tgt Ion: 79	Resp: 4716
Ion Ratio	Lower Upper
79 100	
108 56.0	49.0 73.4
77 71.4	55.2 82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.49 ng
RT: 8.939 min Scan# 1012
Delta R.T. 0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 45	Resp: 6490		
Ion Ratio	Lower	Upper	
45 100			
77 14.6	9.5	49.5	
79 10.7	1.8	41.8	

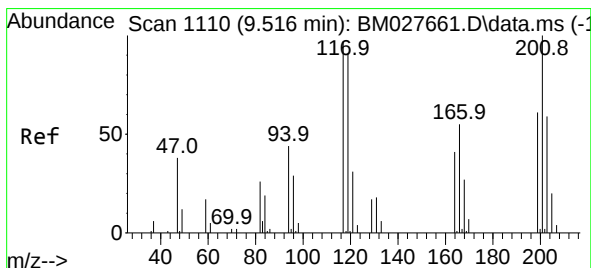
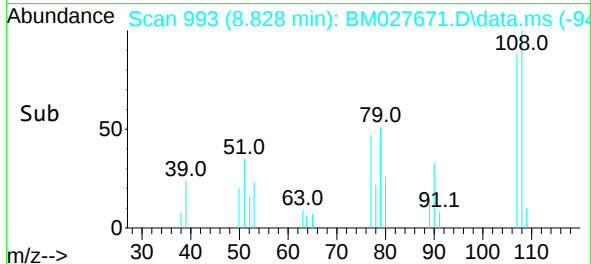
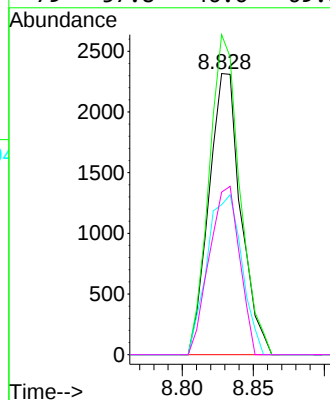
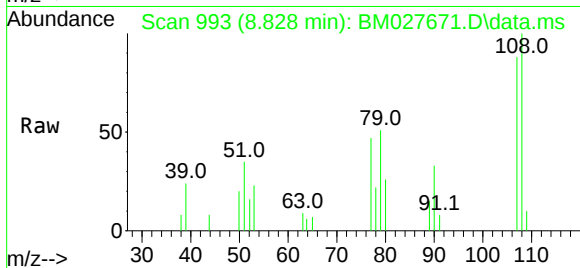




#17
2-Methylphenol
Concen: 3.55 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

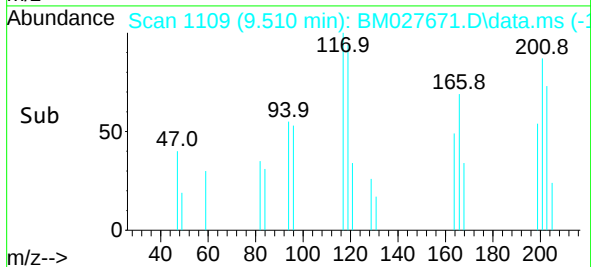
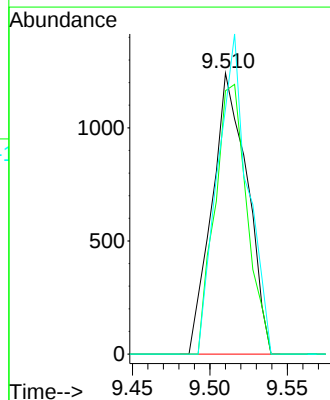
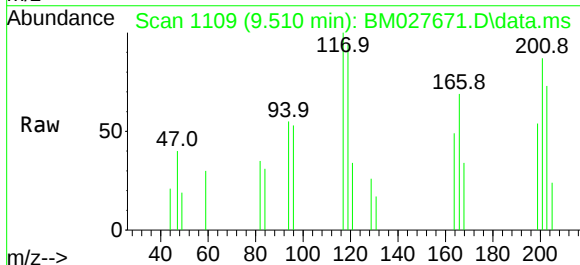
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

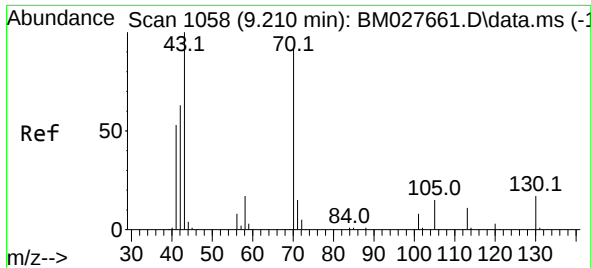
Tgt Ion:	107	Resp:	3612
Ion	Ratio	Lower	Upper
107	100		
108	113.8	87.8	131.6
77	53.3	50.9	76.3
79	57.8	46.6	69.8



#18
Hexachloroethane
Concen: 3.53 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	117	Resp:	1964
Ion	Ratio	Lower	Upper
117	100		
119	93.7	73.1	109.7
201	87.3	88.7	133.1#

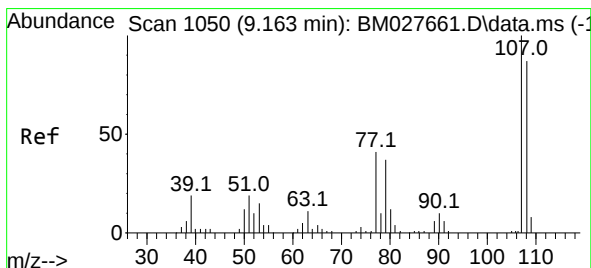
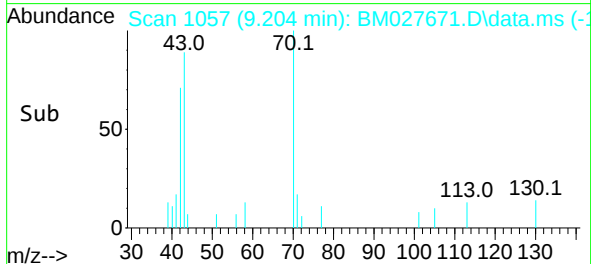
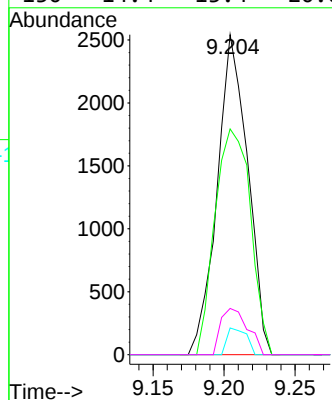
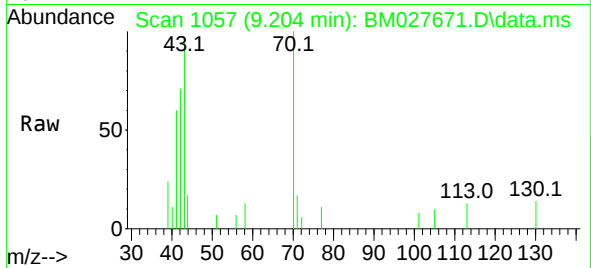




#19
n-Nitroso-di-n-propylamine
Concen: 3.63 ng
RT: 9.204 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

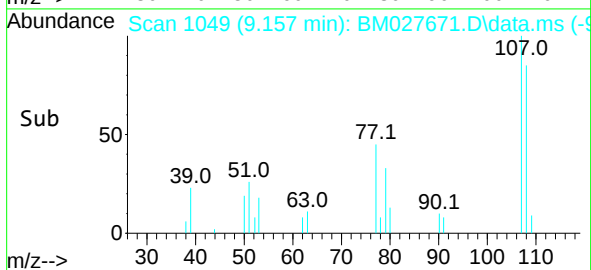
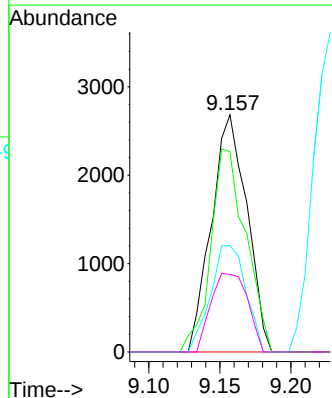
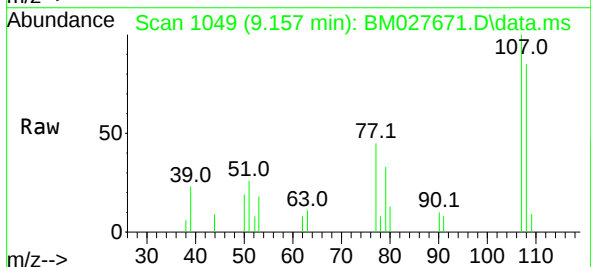
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

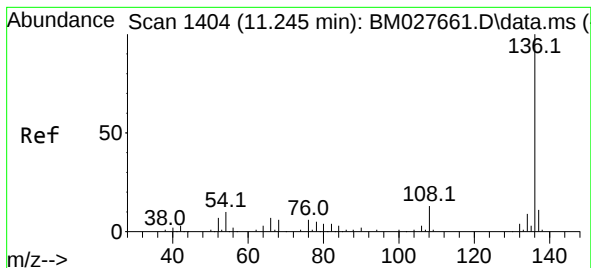
Tgt Ion: 70	Resp: 3799
Ion Ratio	Lower Upper
70 100	
42 70.6	31.9 47.9#
101 8.4	7.0 10.4
130 14.4	13.4 20.0



#20
3+4-Methylphenols
Concen: 3.44 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt	Ion:107	Resp:	4661
Ion	Ratio	Lower	Upper
107	100		
108	84.6	64.5	104.5
77	44.8	24.2	64.2
79	32.7	17.8	57.8

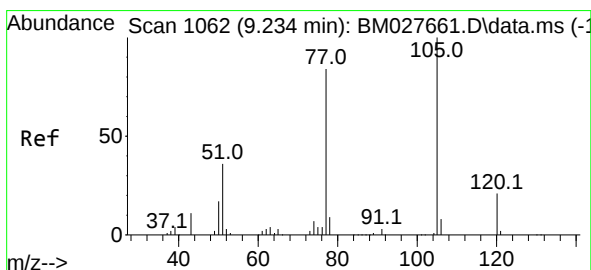
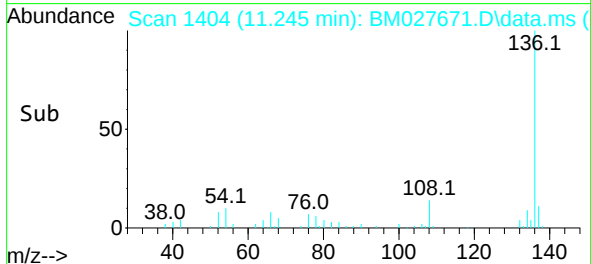
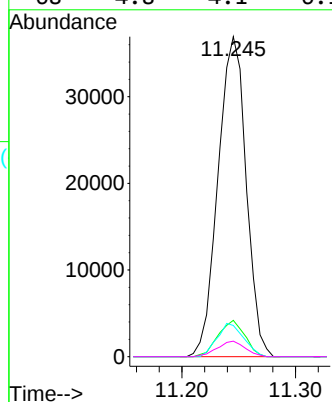
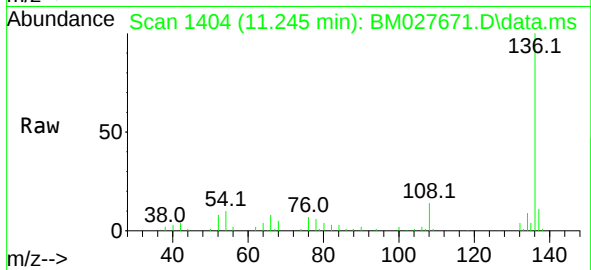




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.245 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

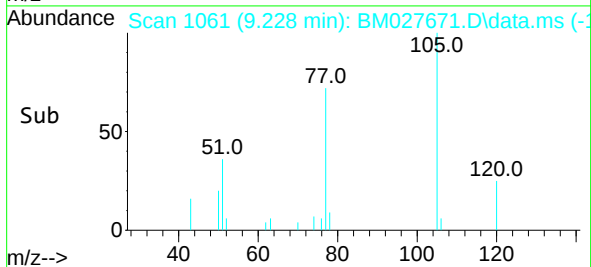
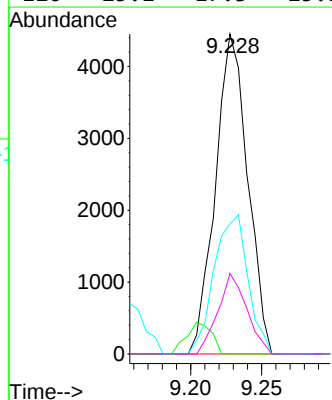
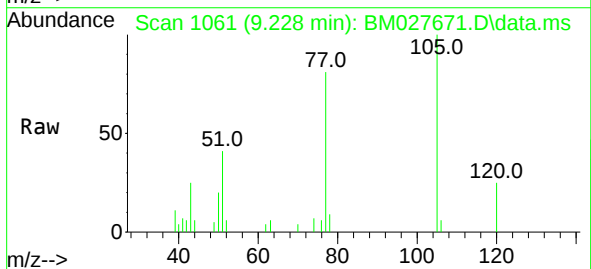
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

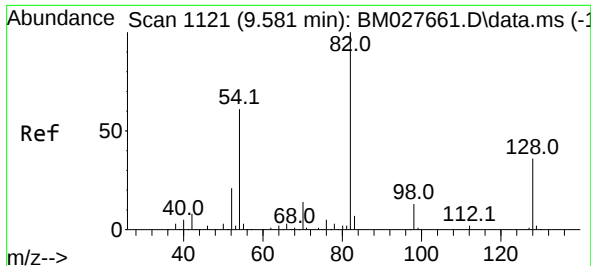
Tgt Ion:	136	Resp:	63415
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.6	12.8
54	9.7	4.6	7.0#
68	4.8	4.1	6.1



#22
Acetophenone
Concen: 3.90 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	105	Resp:	7027
Ion Ratio	Lower	Upper	
105	100		
71	0.0	7.6	11.4#
51	40.6	18.6	28.0#
120	25.1	17.3	25.9

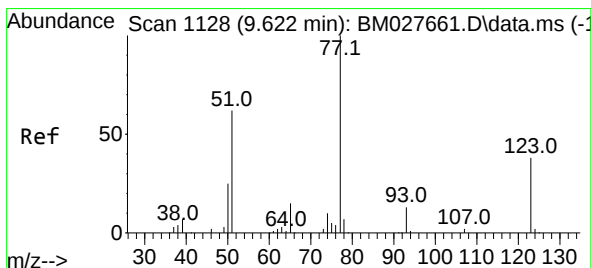
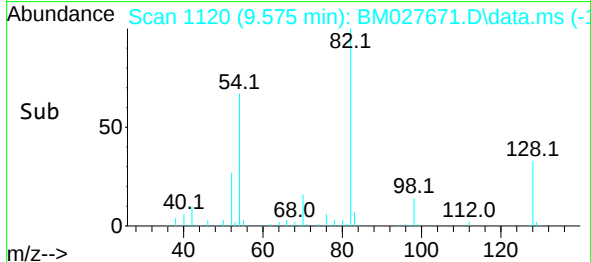
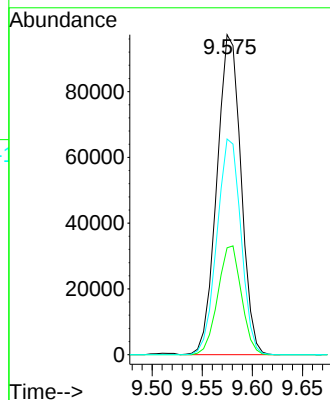
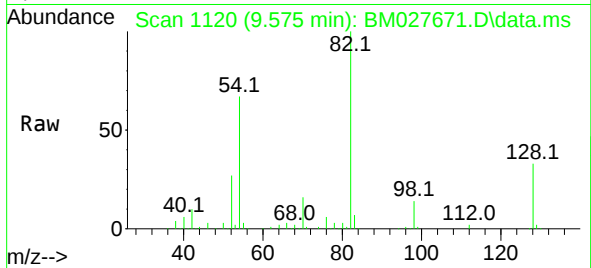




#23
Nitrobenzene-d5
Concen: 116.84 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

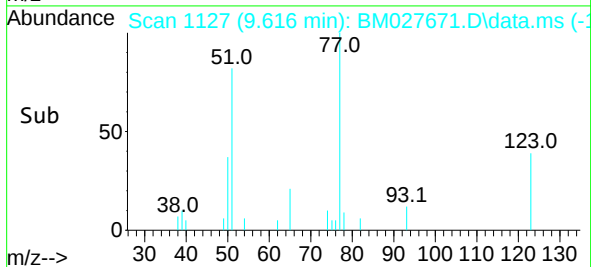
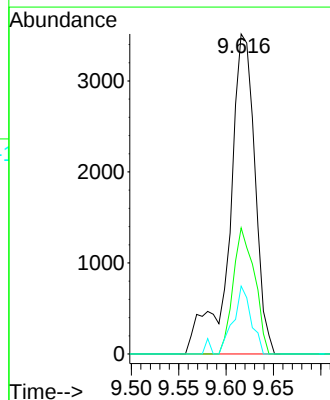
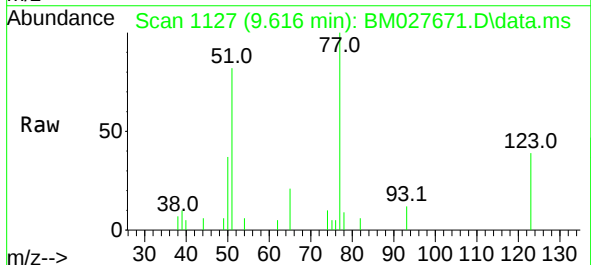
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

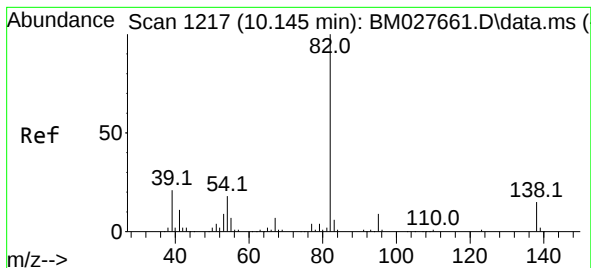
Tgt Ion: 82 Resp: 162411
Ion Ratio Lower Upper
82 100
128 33.4 27.4 41.0
54 67.4 31.4 47.0#



#24
Nitrobenzene
Concen: 4.61 ng
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 77 Resp: 6589
Ion Ratio Lower Upper
77 100
123 39.4 29.1 43.7
65 21.2 11.3 16.9#





#25

Isophorone

Concen: 3.84 ng

RT: 10.151 min Scan# 1218

Delta R.T. 0.006 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

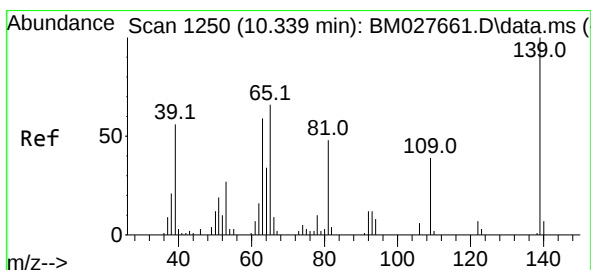
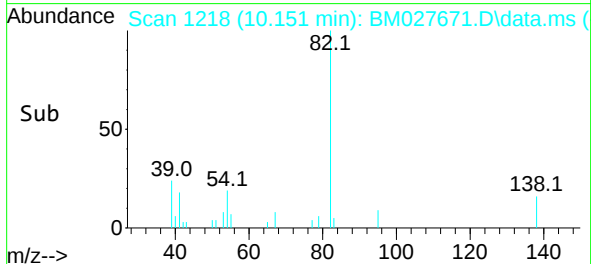
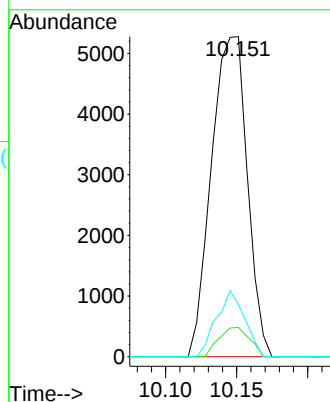
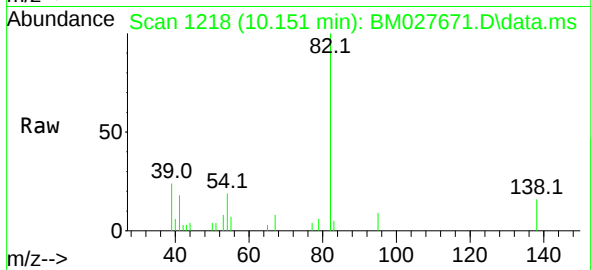
Tgt Ion: 82	Resp: 9266
Ion Ratio	Lower Upper
82 100	
95 9.2	6.8 10.2
138 16.3	13.1 19.7

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#26

2-Nitrophenol

Concen: 3.23 ng

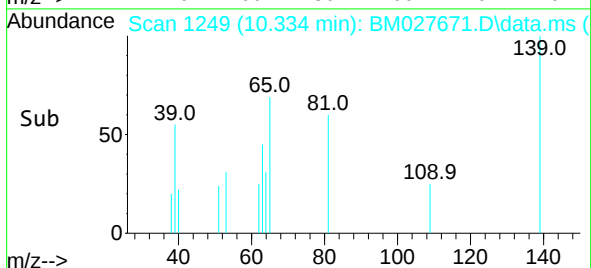
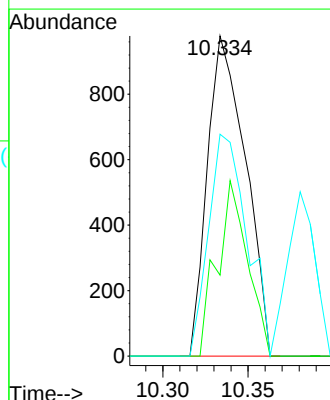
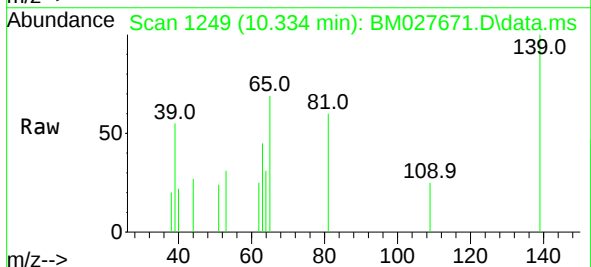
RT: 10.334 min Scan# 1249

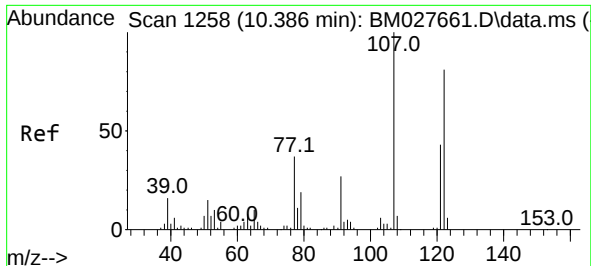
Delta R.T. -0.005 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

Tgt Ion: 139	Resp: 1521
Ion Ratio	Lower Upper
139 100	
109 25.3	33.8 50.8#
65 69.3	51.0 76.6

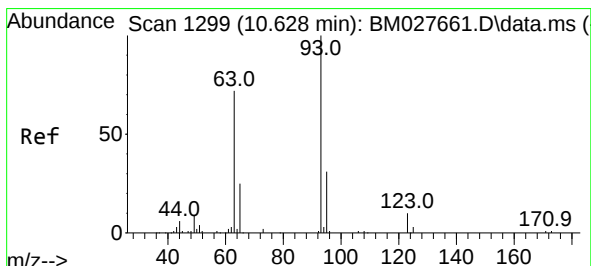
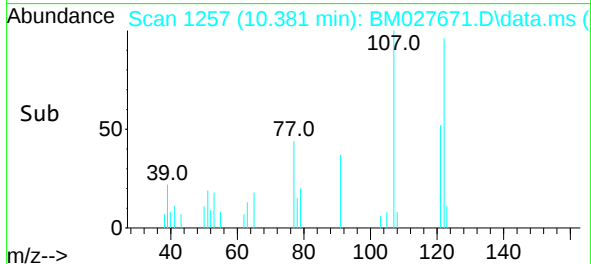
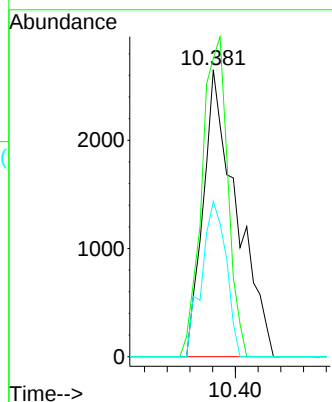
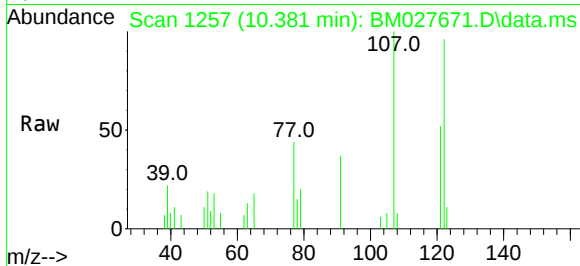




#27
2,4-Dimethylphenol
Concen: 5.84 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

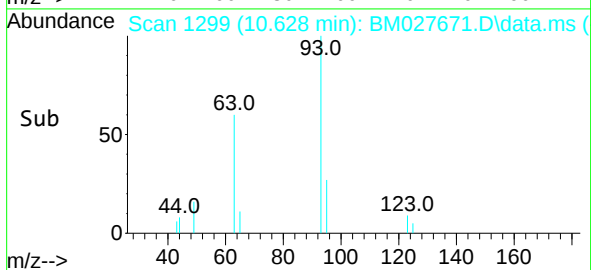
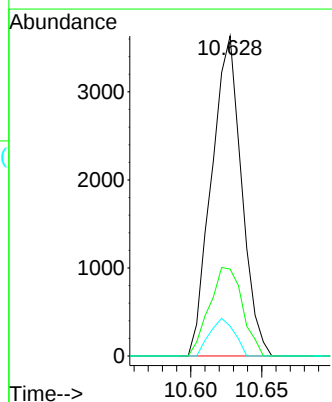
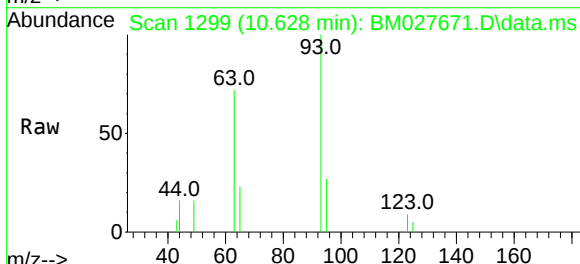
Instrument :
BNA_M
ClientSampleId :
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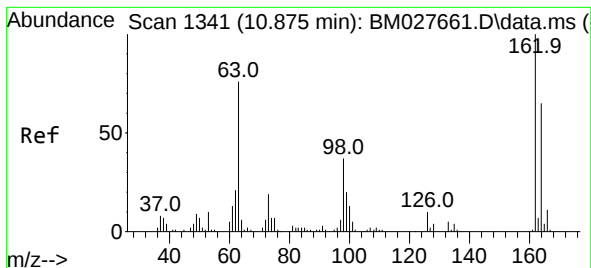
Tgt Ion:122 Resp: 5393
Ion Ratio Lower Upper
122 100
107 104.0 106.6 159.8#
121 54.1 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 3.67 ng
RT: 10.628 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion: 93 Resp: 5333
Ion Ratio Lower Upper
93 100
95 27.2 26.5 39.7
123 9.3 8.6 12.8

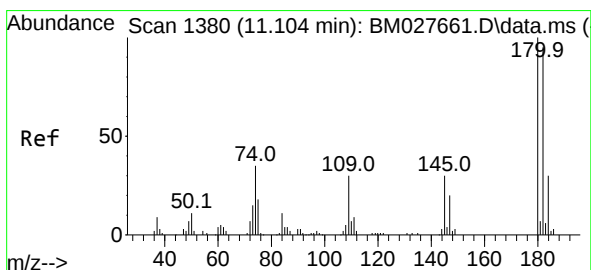
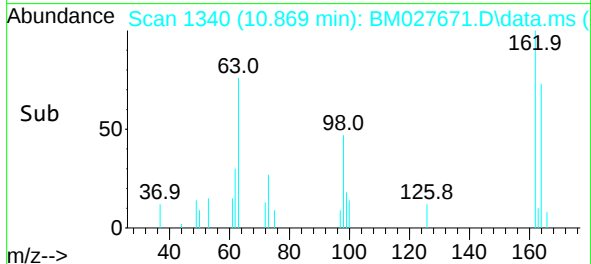
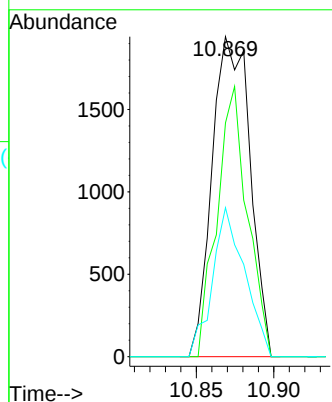
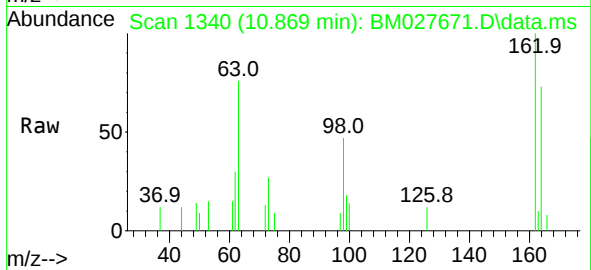




#29
2,4-Dichlorophenol
Concen: 3.31 ng
RT: 10.869 min Scan# 1340
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

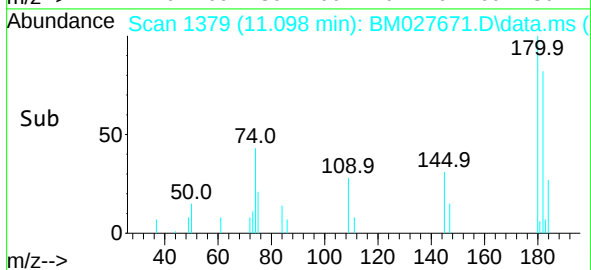
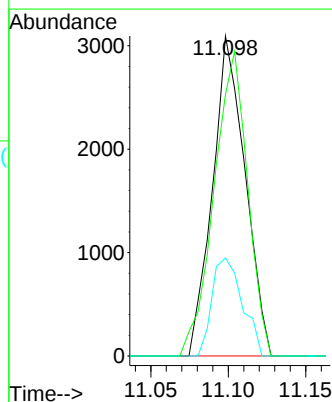
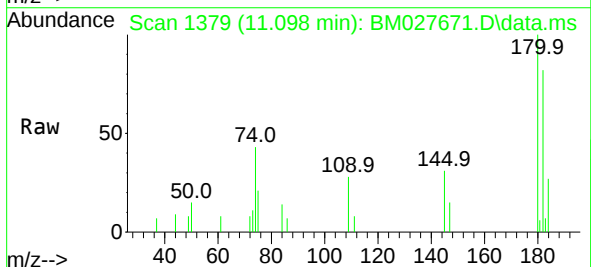
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

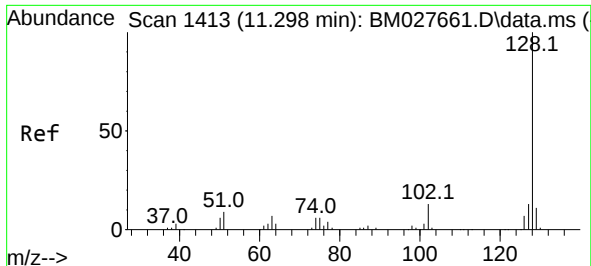
Tgt Ion:162 Resp: 3304
Ion Ratio Lower Upper
162 100
164 73.1 43.2 83.2
98 46.5 15.7 55.7



#30
1,2,4-Trichlorobenzene
Concen: 3.71 ng
RT: 11.098 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:180 Resp: 4518
Ion Ratio Lower Upper
180 100
182 77.3 77.7 116.5#
145 29.0 23.4 35.0

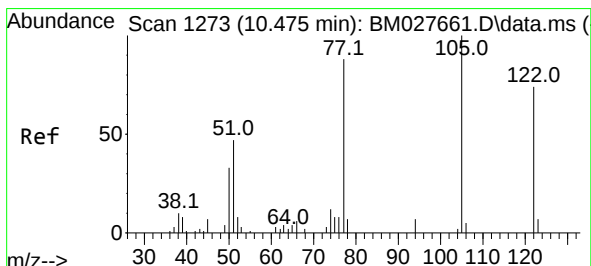
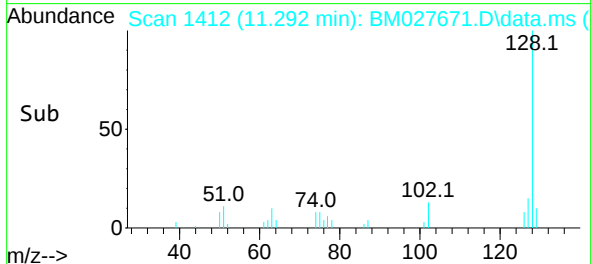
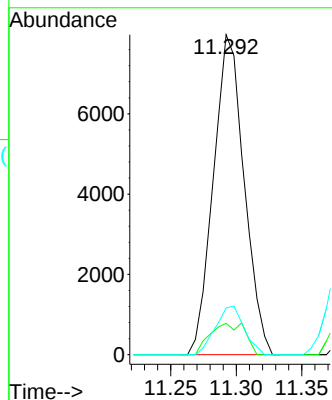
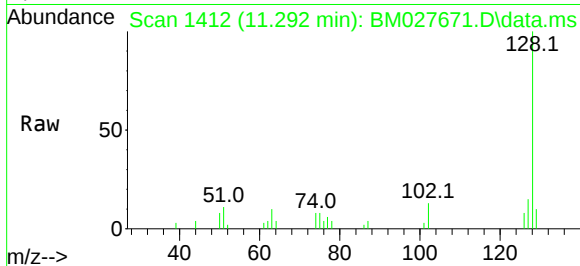




#31
Naphthalene
Concen: 3.87 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

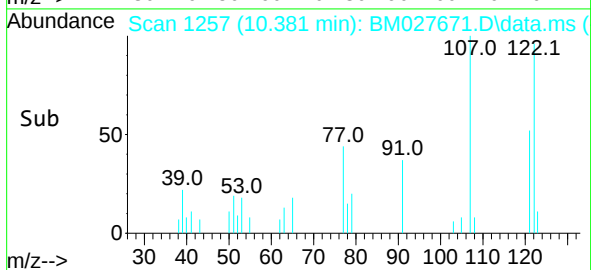
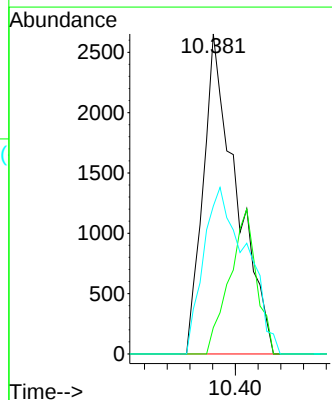
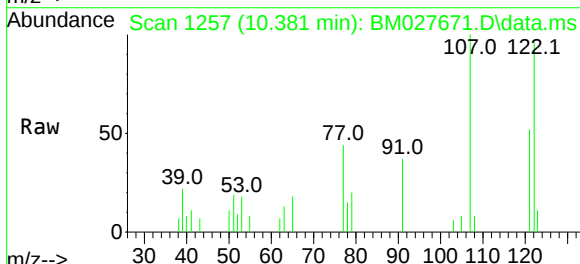
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

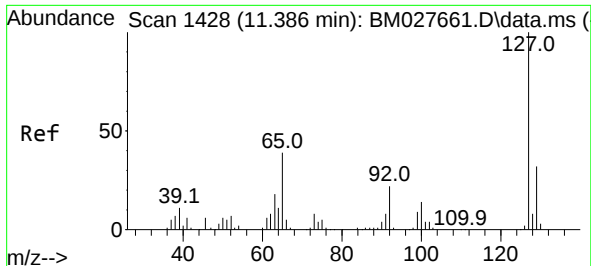
Tgt Ion:128 Resp: 12988
Ion Ratio Lower Upper
128 100
129 9.8 9.0 13.4
127 14.6 10.6 15.8



#32
Benzoic acid
Concen: 9.92 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.094 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:122 Resp: 5393
Ion Ratio Lower Upper
122 100
105 8.2 114.0 154.0#
77 46.2 101.8 141.8#

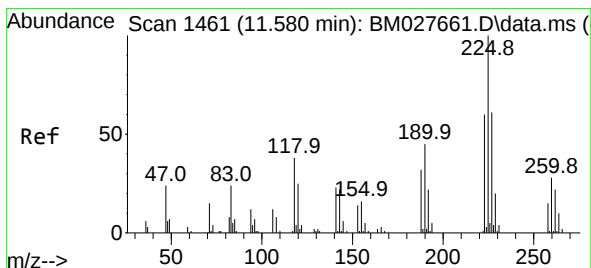
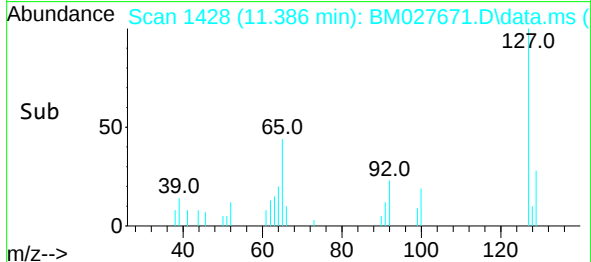
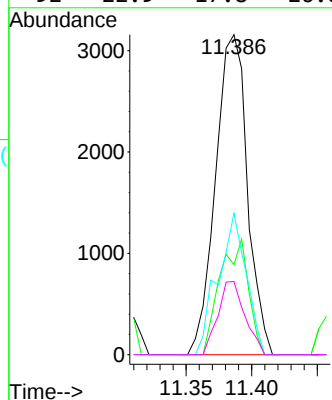
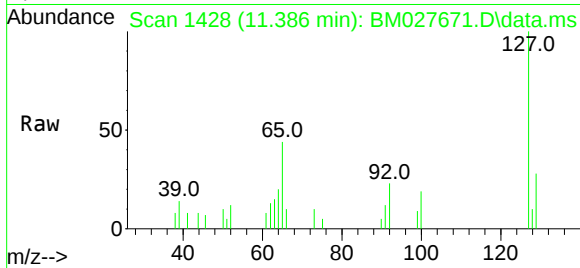




#33
4-Chloroaniline
Concen: 3.62 ng
RT: 11.386 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

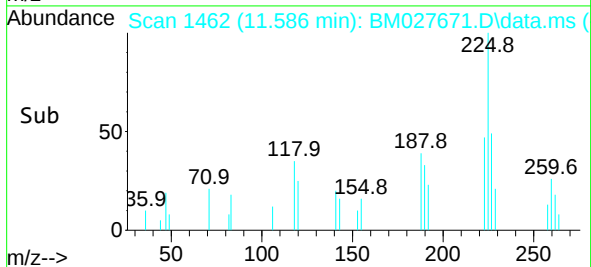
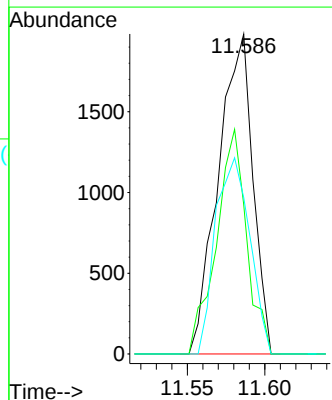
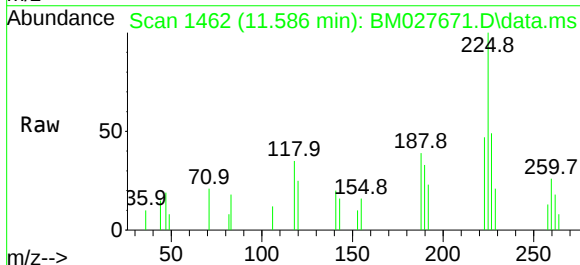
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

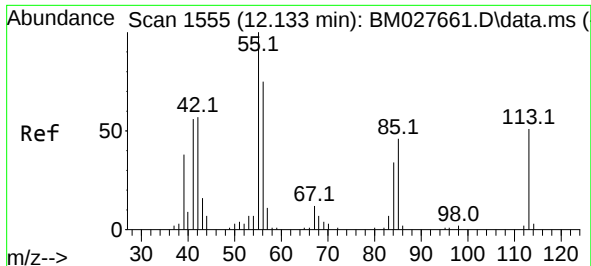
Tgt Ion:	127	Resp:	5333
Ion	Ratio	Lower	Upper
127	100		
129	28.2	24.7	37.1
65	44.2	30.2	45.4
92	22.9	17.8	26.8



#34
Hexachlorobutadiene
Concen: 3.88 ng
RT: 11.586 min Scan# 1462
Delta R.T. 0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	225	Resp:	3065
Ion	Ratio	Lower	Upper
225	100		
223	46.6	51.0	76.4#
227	48.9	50.6	75.8#

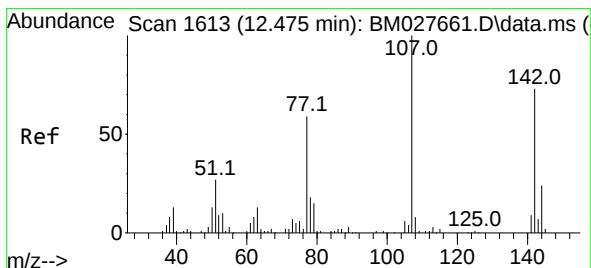
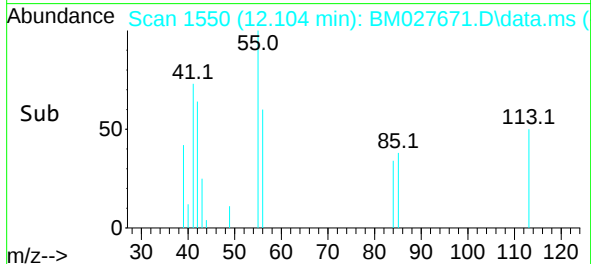
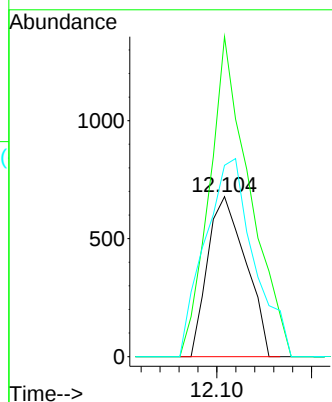
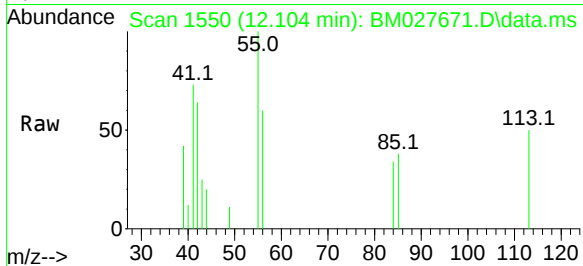




#35
Caprolactam
Concen: 2.85 ng
RT: 12.104 min Scan# 1550
Delta R.T. -0.029 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

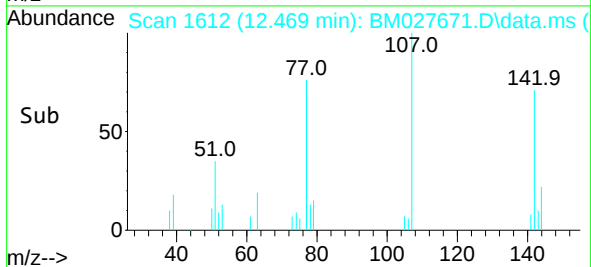
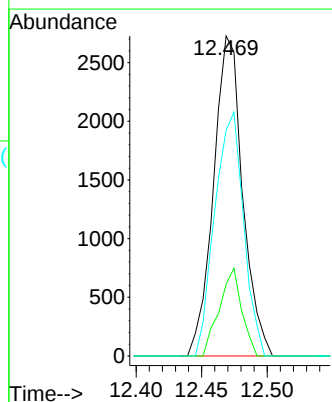
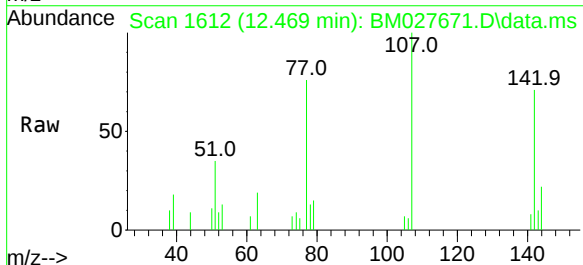
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

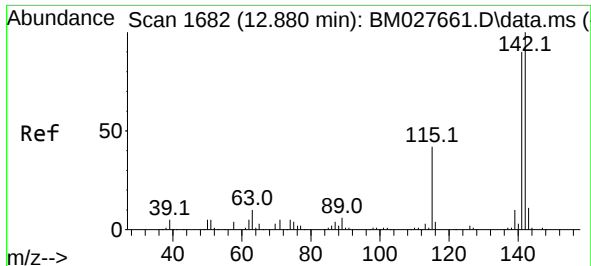
Tgt Ion:113 Resp: 951
Ion Ratio Lower Upper
113 100
55 200.0 103.2 143.2#
56 119.6 84.2 124.2



#36
4-Chloro-3-methylphenol
Concen: 3.63 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:107 Resp: 4215
Ion Ratio Lower Upper
107 100
144 22.4 20.1 30.1
142 70.6 60.3 90.5

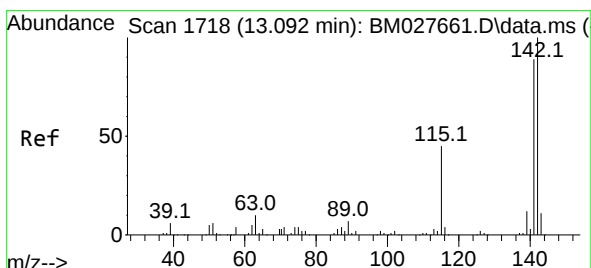
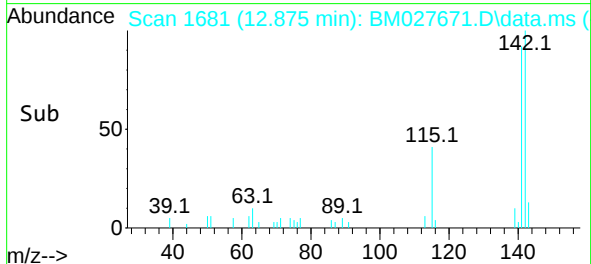
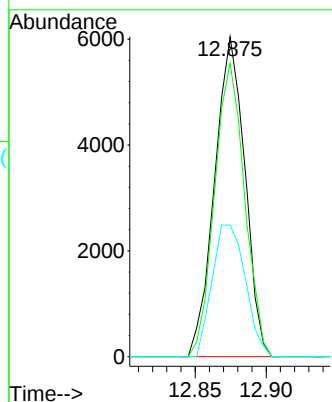
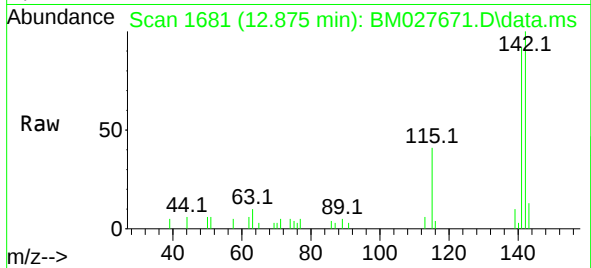




#37
2-Methylnaphthalene
Concen: 3.77 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

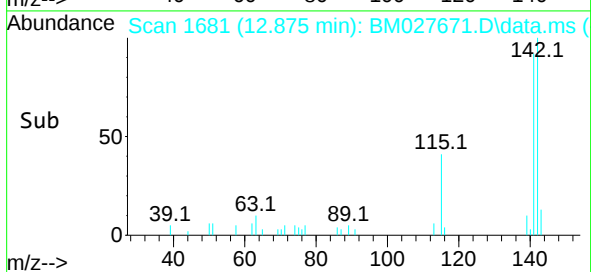
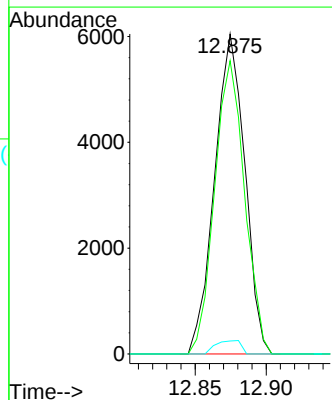
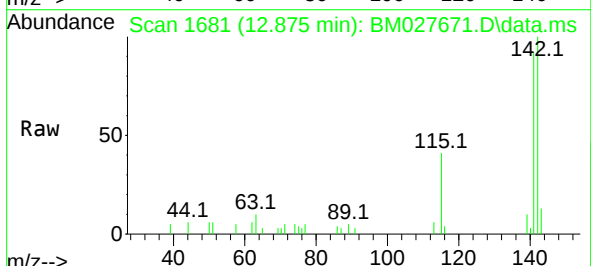
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

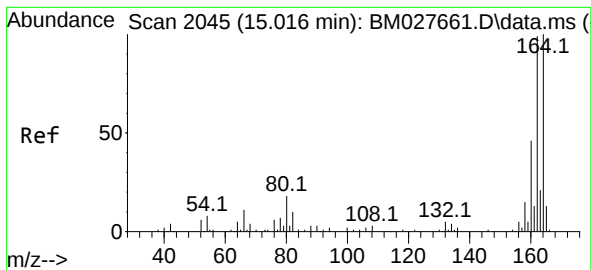
Tgt Ion:142	Resp:	8952
Ion Ratio	Lower	Upper
142	100	
141	91.7	70.3 105.5
115	41.1	32.2 48.4



#38
1-Methylnaphthalene
Concen: 3.97 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.217 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:142	Resp:	8952
Ion Ratio	Lower	Upper
142	100	
141	91.7	73.8 110.6
116	4.1	3.5 5.3

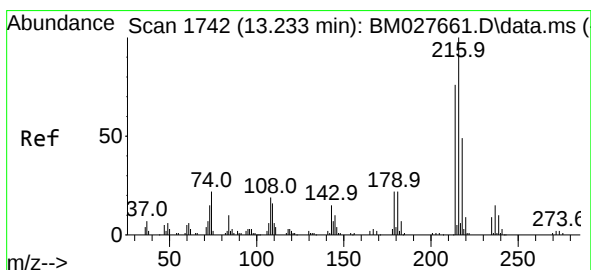
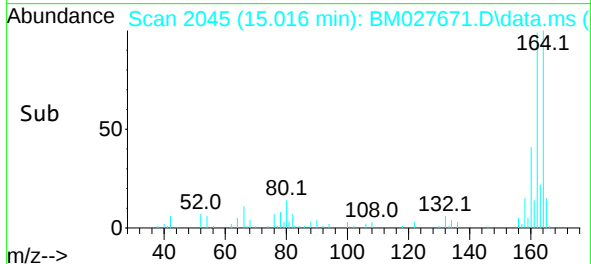
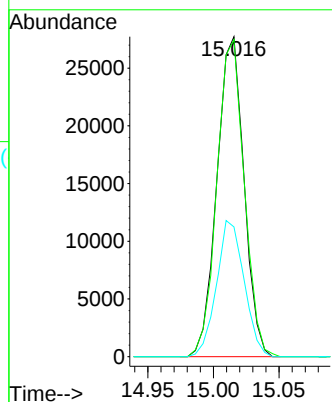
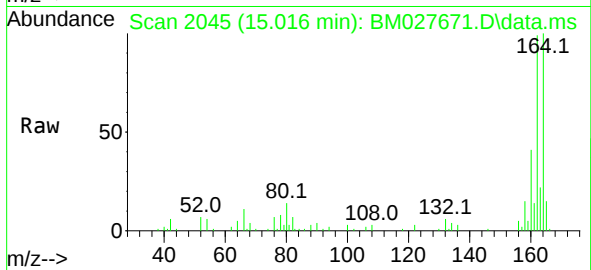




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.016 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

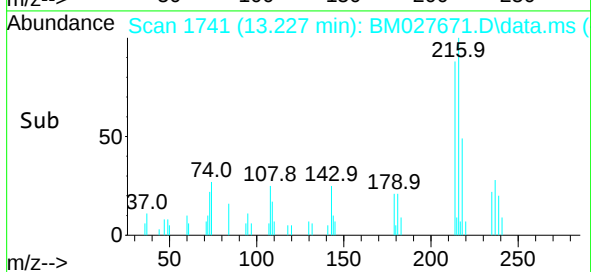
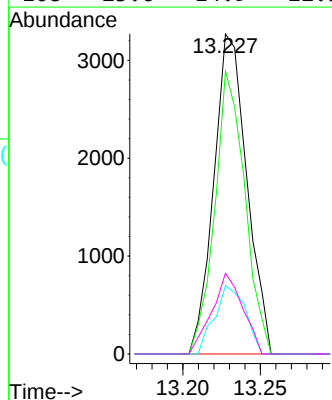
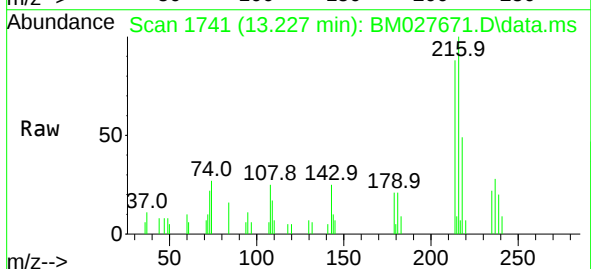
Instrument :
BNA_M
ClientSampleId :
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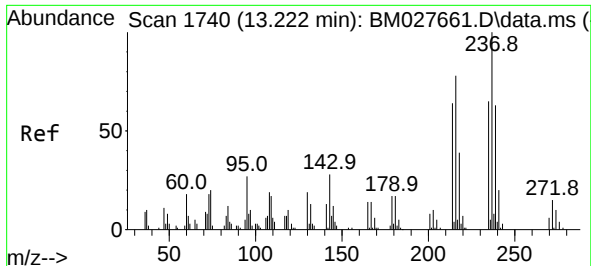
Tgt Ion:164 Resp: 39679
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 40.5 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.86 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:216 Resp: 4843
Ion Ratio Lower Upper
216 100
214 80.4 62.1 93.1
179 19.9 17.2 25.8
108 23.6 14.9 22.3#

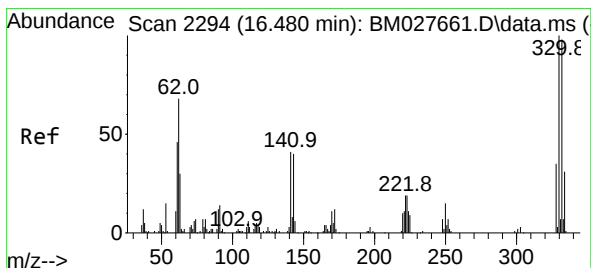
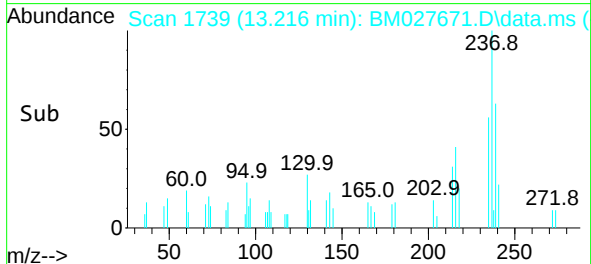
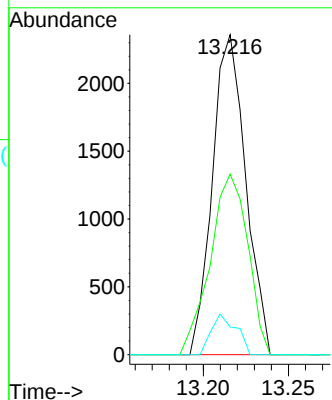
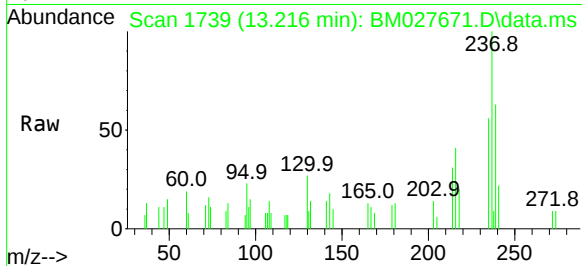




#41
Hexachlorocyclopentadiene
Concen: 4.70 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

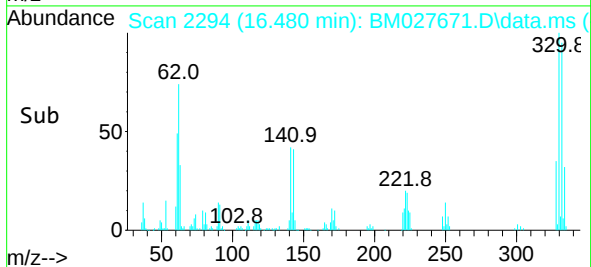
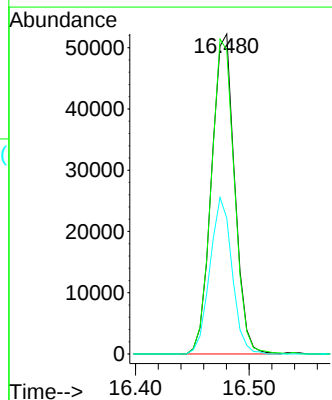
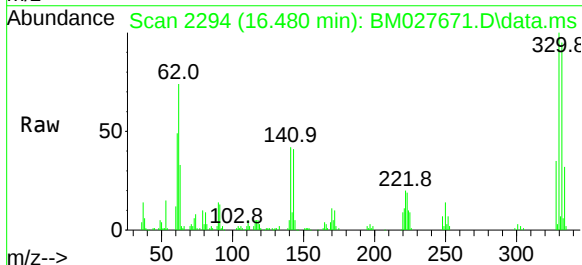
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

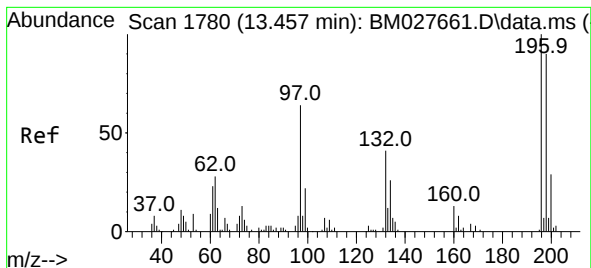
Tgt Ion:237	Resp:	3207
Ion Ratio	Lower	Upper
237	100	
235	56.5	43.1 83.1
272	8.6	0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 155.36 ng
RT: 16.480 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:330	Resp:	73613
Ion Ratio	Lower	Upper
330	100	
332	98.7	77.8 116.8
141	47.0	28.4 42.6#

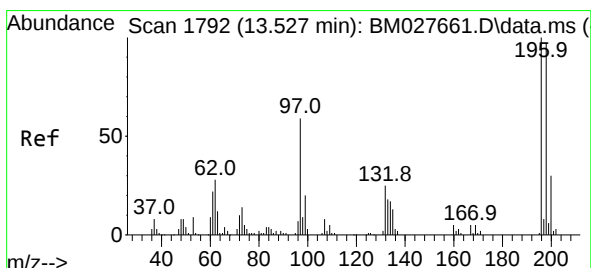
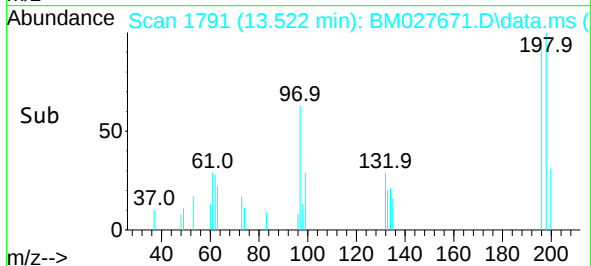
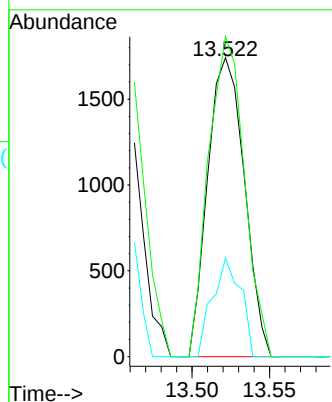
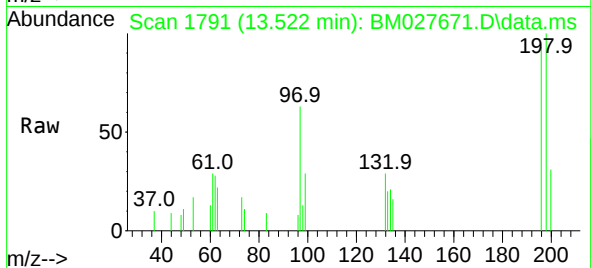




#43
2,4,6-Trichlorophenol
Concen: 3.51 ng
RT: 13.522 min Scan# 1791
Delta R.T. 0.065 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

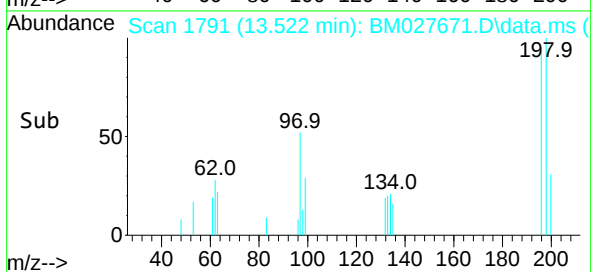
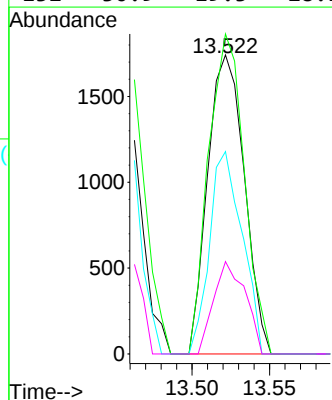
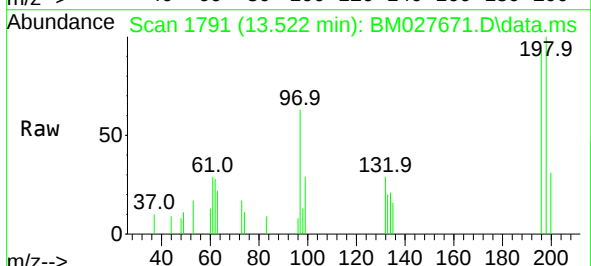
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

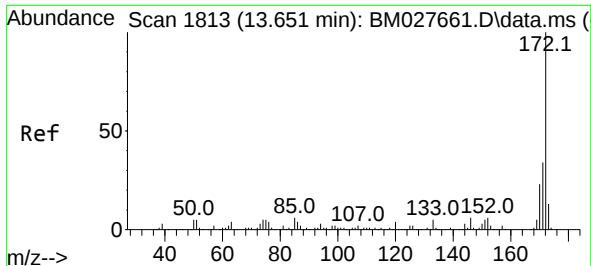
Tgt Ion:196 Resp: 2860
Ion Ratio Lower Upper
196 100
198 107.0 74.9 112.3
200 33.0 23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 3.28 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:196 Resp: 2860
Ion Ratio Lower Upper
196 100
198 107.0 79.0 118.6
97 67.7 40.5 60.7#
132 30.9 19.3 28.9#

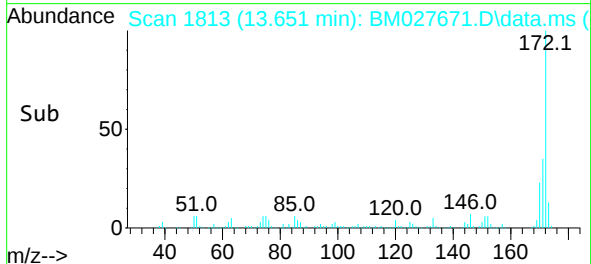
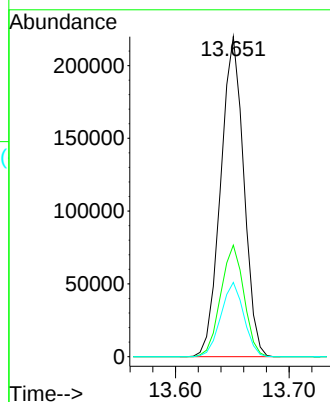
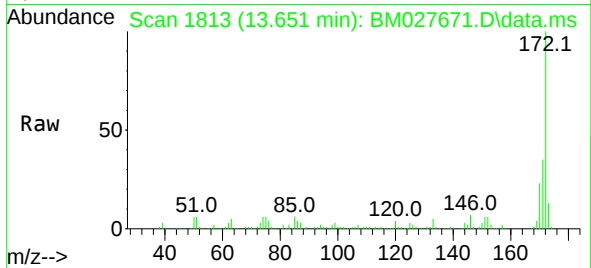




#45
2-Fluorobiphenyl
Concen: 111.66 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

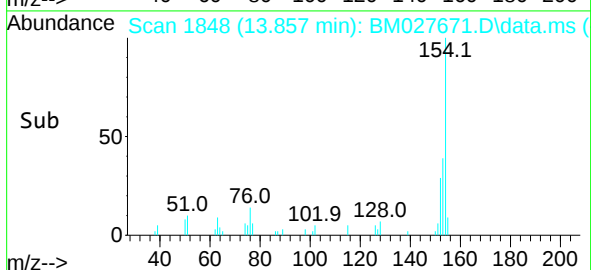
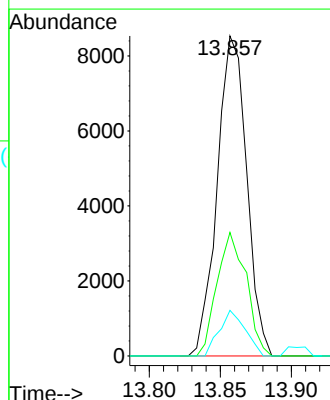
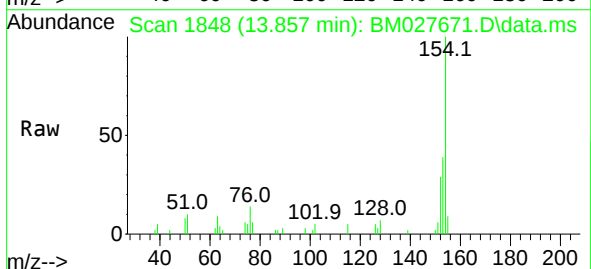
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

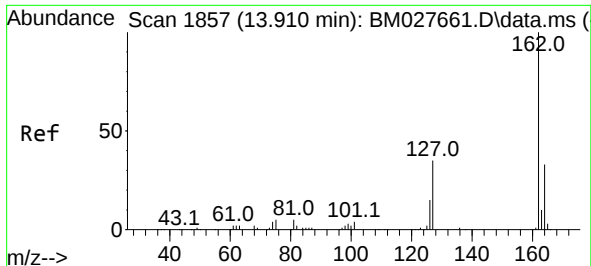
Tgt Ion:	172	Resp:	310495
Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.8
170	23.2	18.6	27.8



#46
1,1'-Biphenyl
Concen: 4.06 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	154	Resp:	12318
Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.0	60.0
76	14.2	0.0	32.0

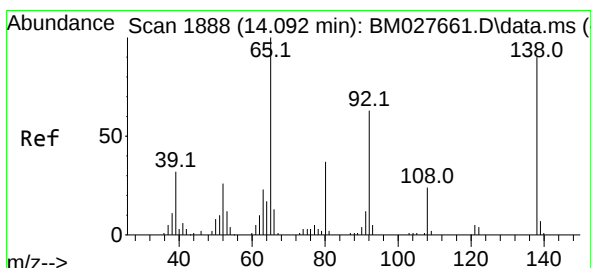
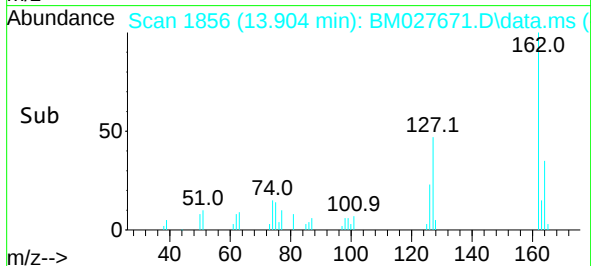
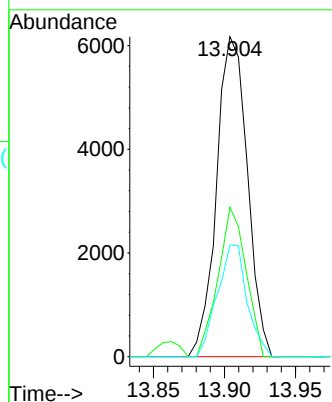
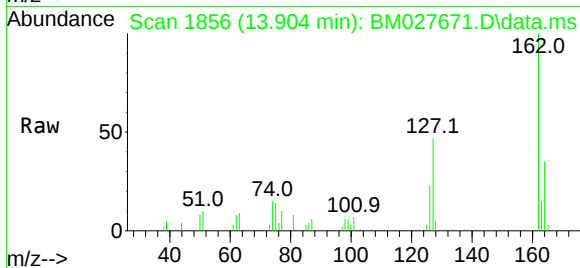




#47
2-Chloronaphthalene
Concen: 3.71 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

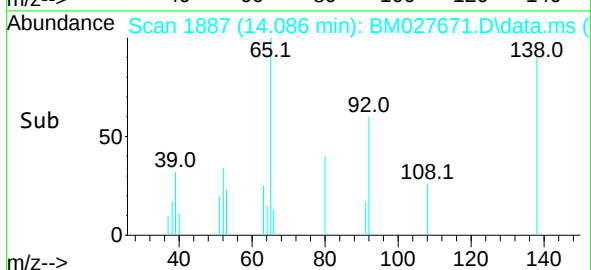
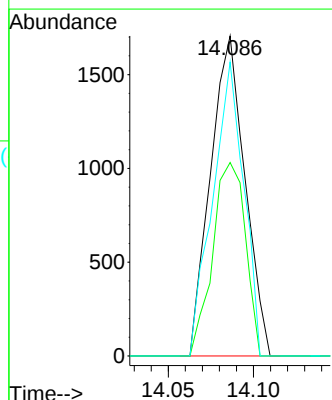
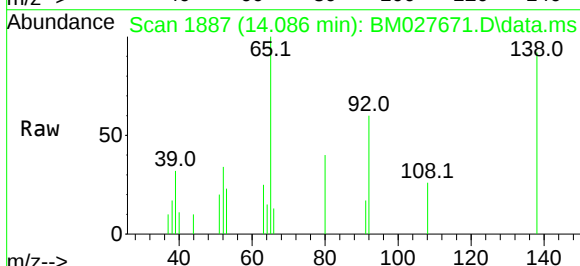
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

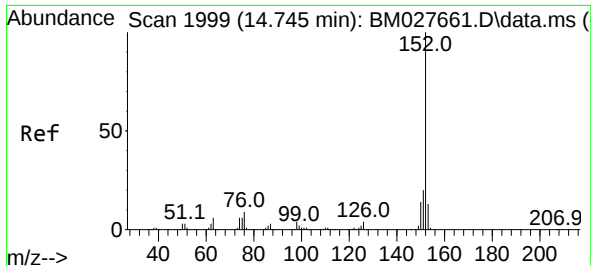
Tgt Ion:	162	Resp:	9313
Ion	Ratio	Lower	Upper
162	100		
127	46.7	29.6	44.4#
164	34.9	26.2	39.4



#48
2-Nitroaniline
Concen: 2.84 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	65	Resp:	2397
Ion	Ratio	Lower	Upper
65	100		
92	60.4	51.5	77.3
138	91.9	72.7	109.1

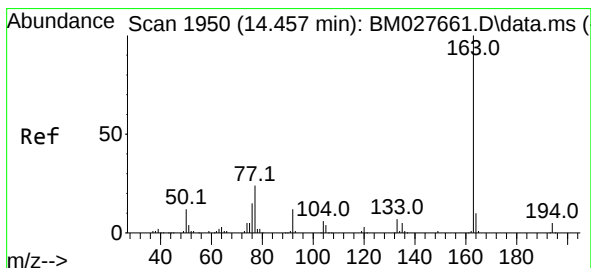
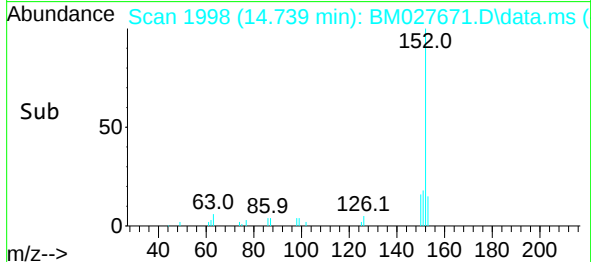
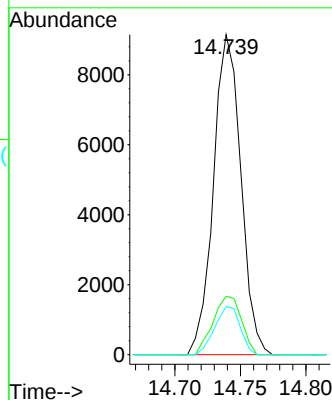
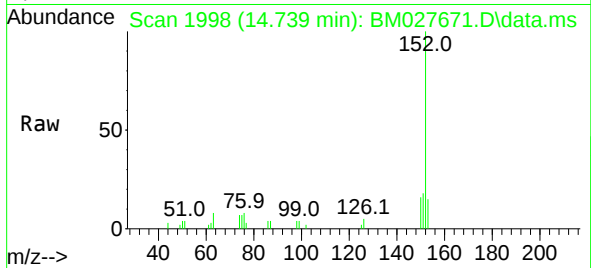




#49
Acenaphthylene
Concen: 3.50 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

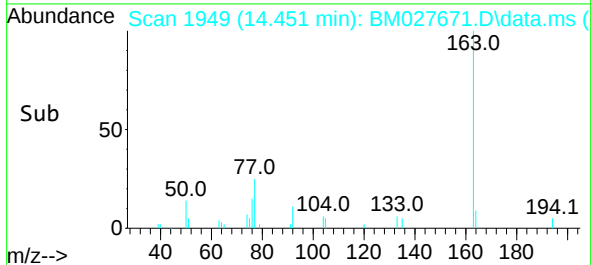
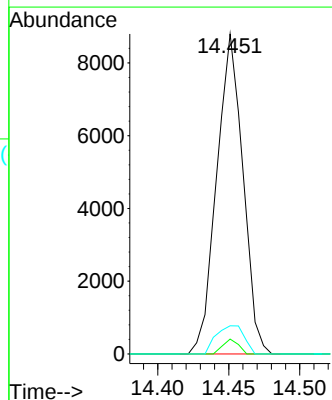
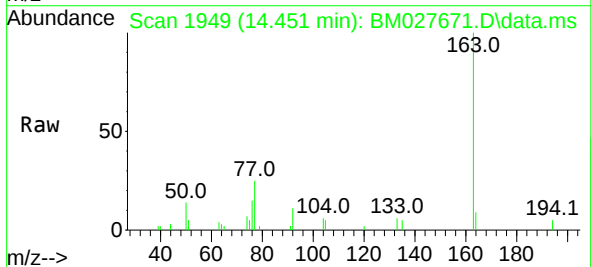
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

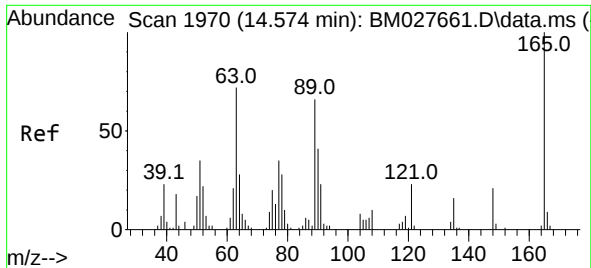
Tgt Ion:152	Resp:	13281
Ion Ratio	Lower	Upper
152	100	
151	18.3	15.8 23.6
153	15.0	10.4 15.6



#50
Dimethylphthalate
Concen: 3.56 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:163	Resp:	11309
Ion Ratio	Lower	Upper
163	100	
194	4.6	3.4 5.2
164	8.8	8.1 12.1

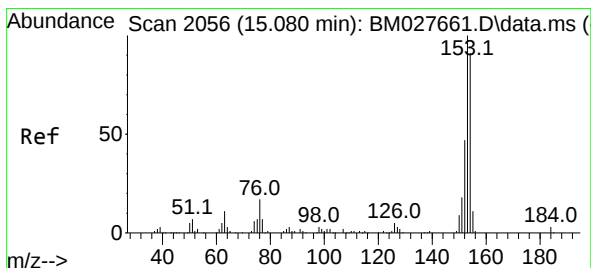
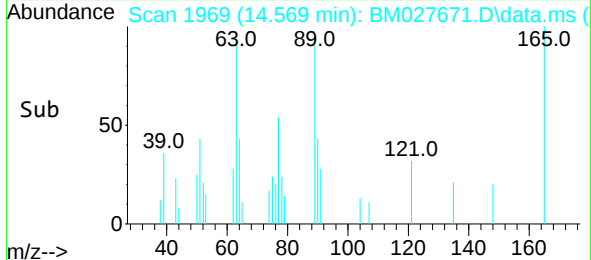
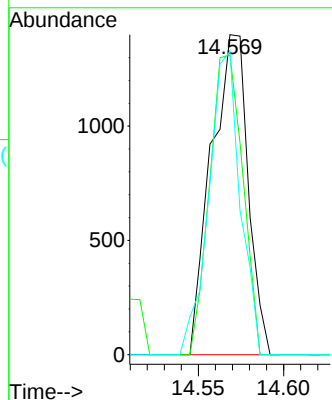
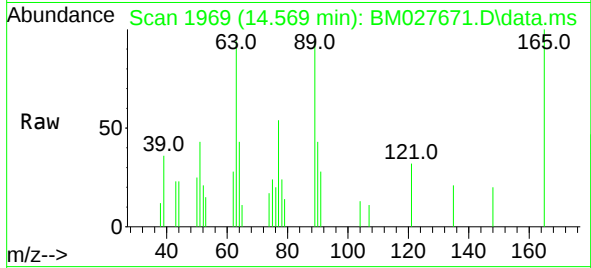




#51
2,6-Dinitrotoluene
Concen: 3.35 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

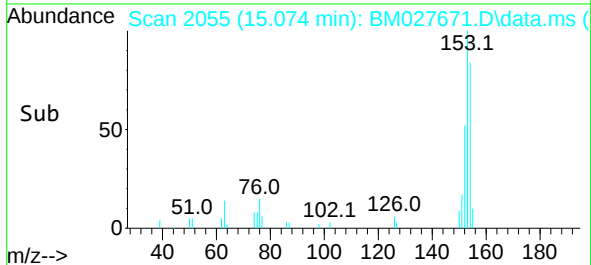
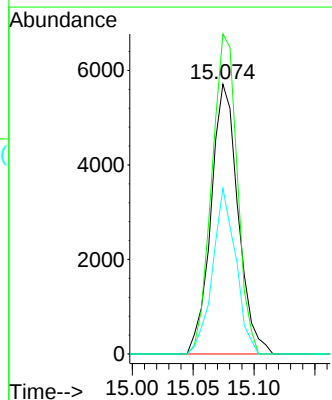
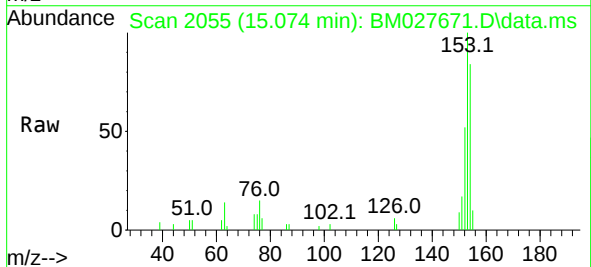
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

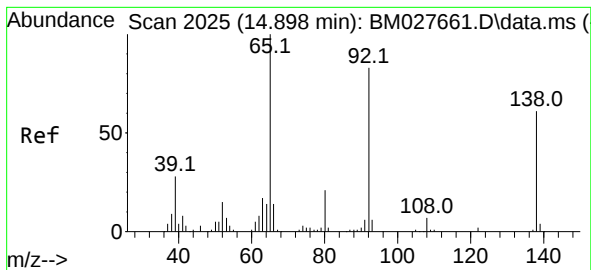
Tgt Ion:165 Resp: 2094
Ion Ratio Lower Upper
165 100
63 93.6 51.1 76.7#
89 94.8 53.3 79.9#



#52
Acenaphthene
Concen: 3.56 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:154 Resp: 8842
Ion Ratio Lower Upper
154 100
153 118.6 88.3 132.5
152 61.4 41.4 62.2

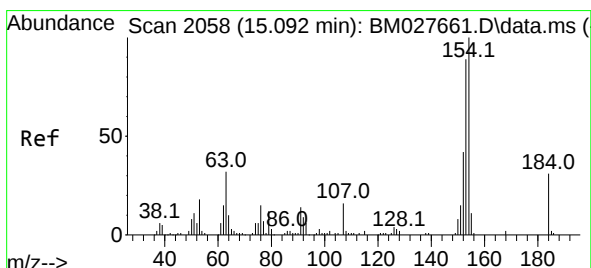
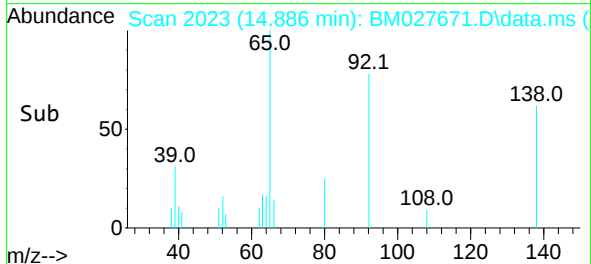
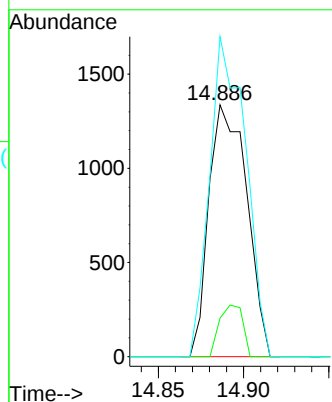
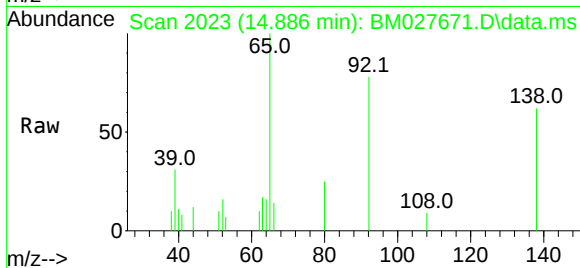




#53
3-Nitroaniline
Concen: 2.92 ng
RT: 14.886 min Scan# 2023
Delta R.T. -0.012 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

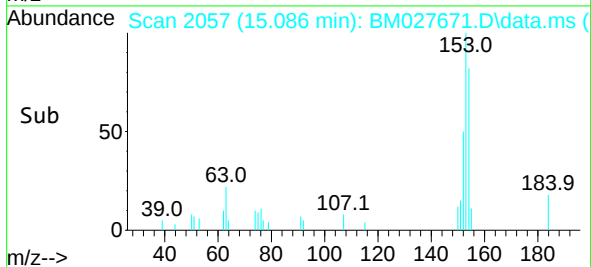
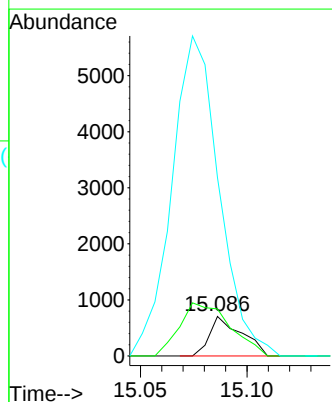
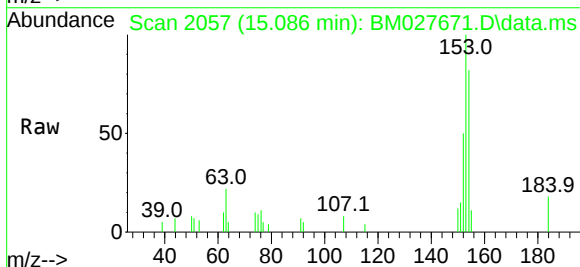
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

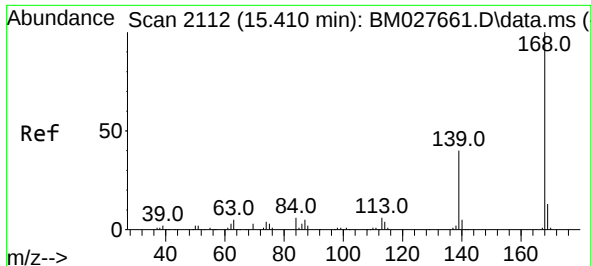
Tgt Ion:138 Resp: 2069
Ion Ratio Lower Upper
138 100
108 15.3 8.6 13.0#
92 127.1 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 2.78 ng
RT: 15.086 min Scan# 2057
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:184 Resp: 733
Ion Ratio Lower Upper
184 100
63 118.8 60.2 90.2#
154 451.0 52.9 79.3#

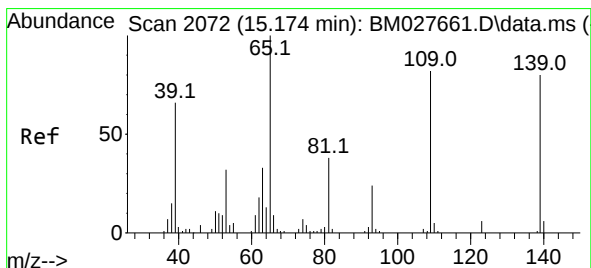
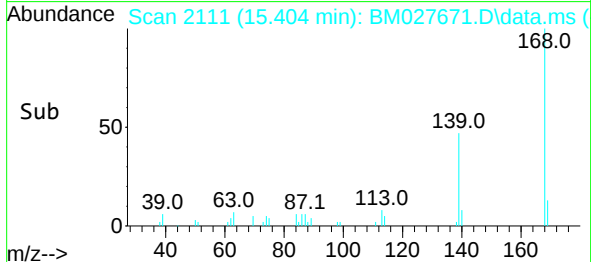
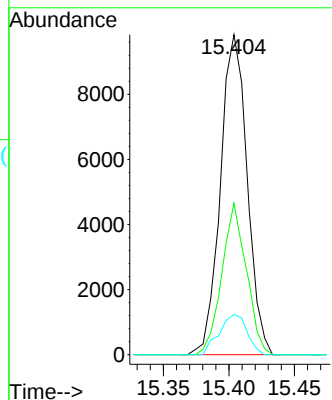
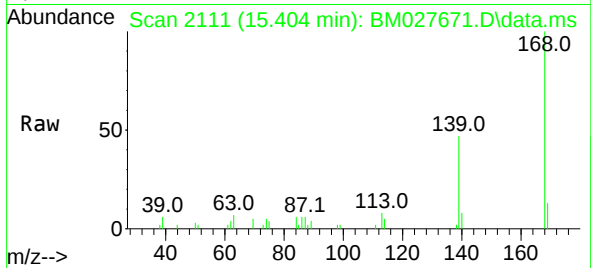




#55
Dibenzenofuran
Concen: 3.77 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

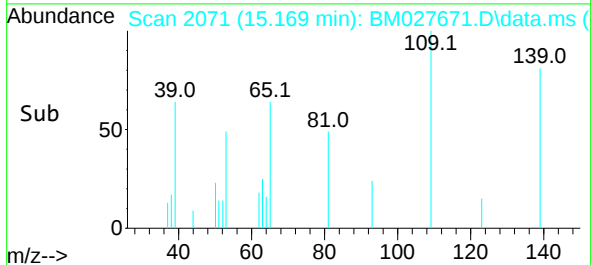
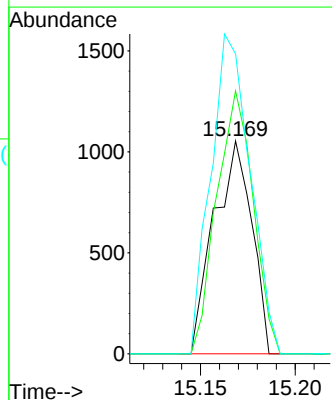
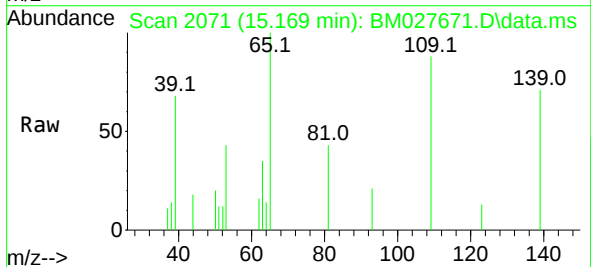
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

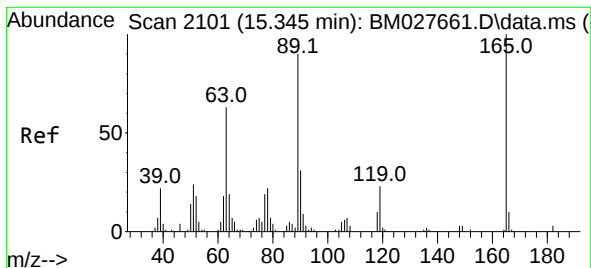
Tgt Ion:168 Resp: 13934
Ion Ratio Lower Upper
168 100
139 47.3 30.2 45.4#
169 12.6 10.6 16.0



#56
4-Nitrophenol
Concen: 2.53 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

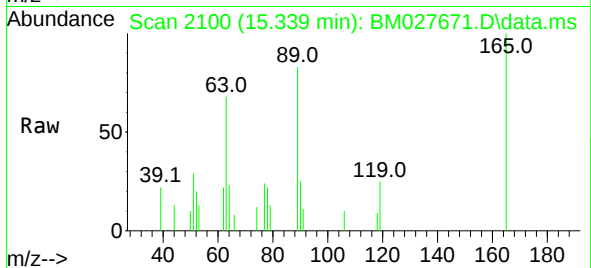
Tgt Ion:139 Resp: 1455
Ion Ratio Lower Upper
139 100
109 123.5 77.0 117.0#
65 141.0 103.4 143.4



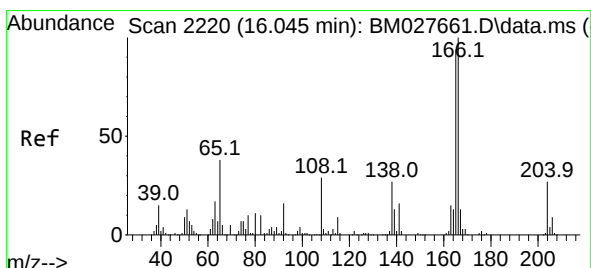
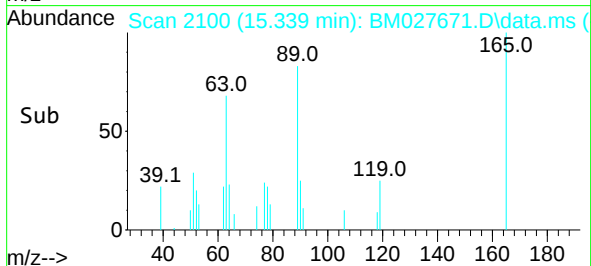
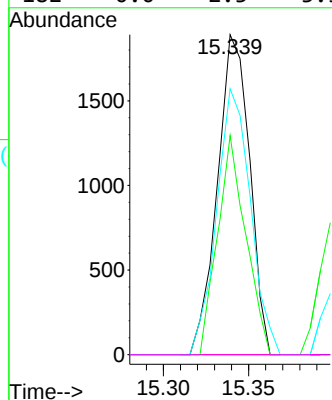


#57
2,4-Dinitrotoluene
Concen: 2.94 ng
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

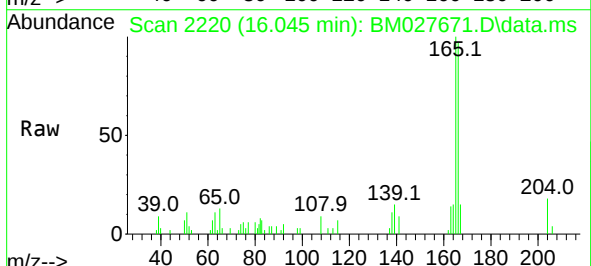
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



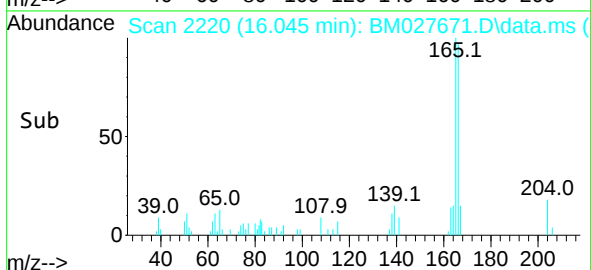
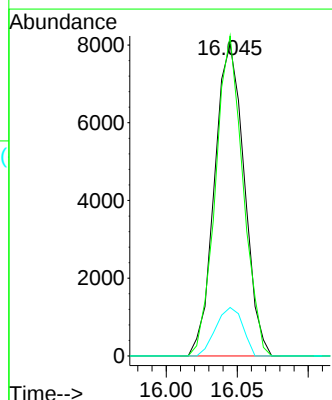
Tgt Ion:	165	Resp:	2486
Ion Ratio	Lower	Upper	
165	100		
63	68.5	38.8	58.2#
89	83.1	62.6	94.0
182	0.0	2.3	3.5#

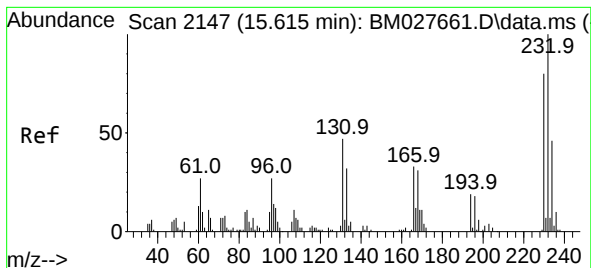


#58
Fluorene
Concen: 3.84 ng
RT: 16.045 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16



Tgt Ion:	166	Resp:	11645
Ion Ratio	Lower	Upper	
166	100		
165	102.6	76.2	114.2
167	15.6	10.7	16.1

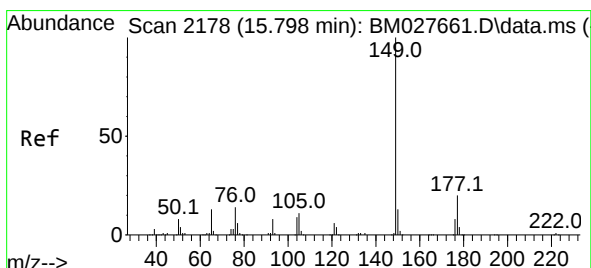
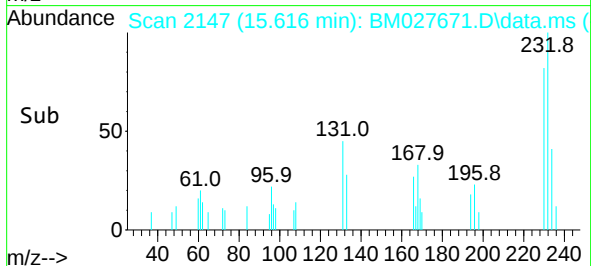
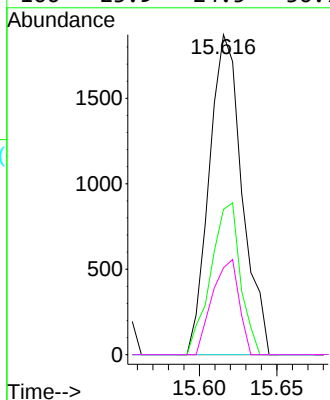
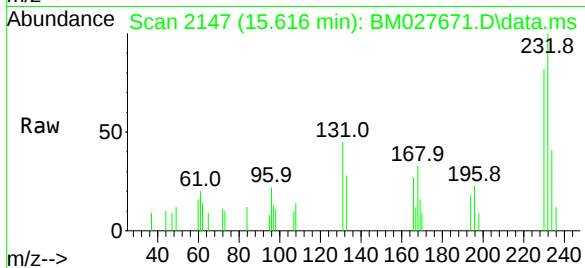




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.61 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

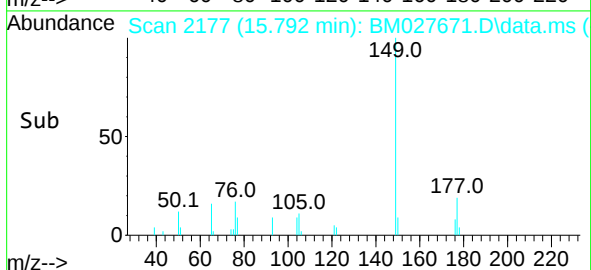
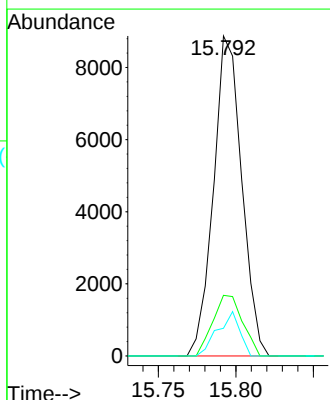
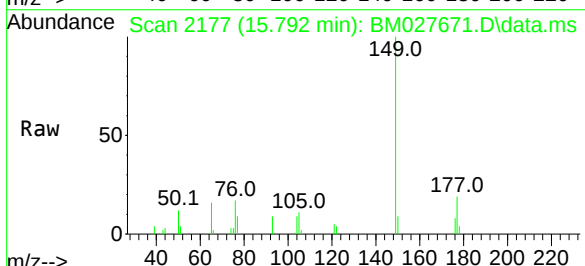
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

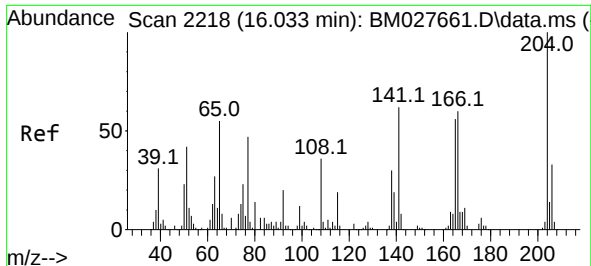
Tgt Ion:232	Resp:	2769
Ion Ratio	Lower	Upper
232	100	
131	42.5	32.2 48.2
130	0.0	1.8 2.8#
166	23.9	24.5 36.7#



#60
Diethylphthalate
Concen: 3.47 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:149	Resp:	11232
Ion Ratio	Lower	Upper
149	100	
177	19.0	18.2 27.4
150	8.7	10.2 15.4#

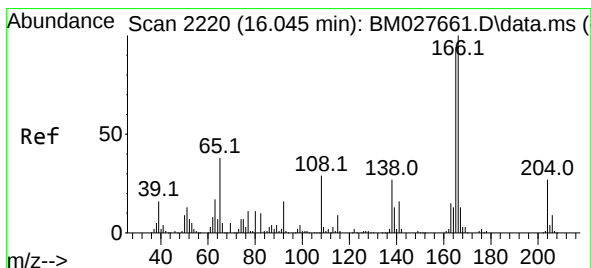
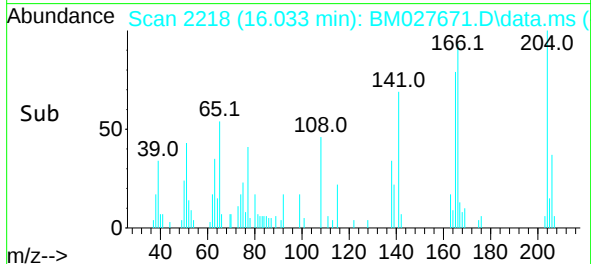
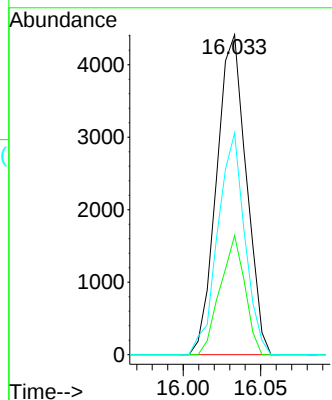
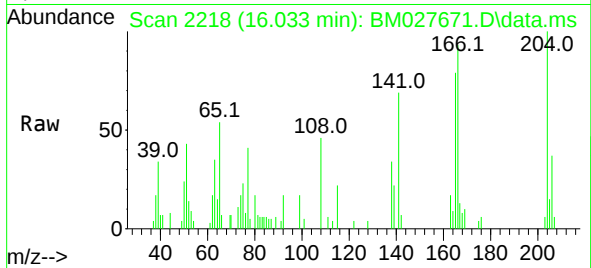




#61
4-Chlorophenyl-phenylether
Concen: 3.76 ng
RT: 16.033 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

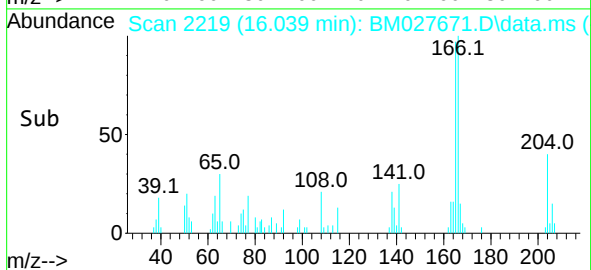
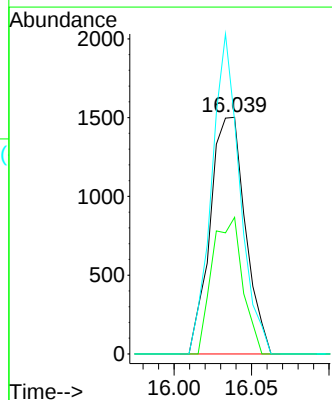
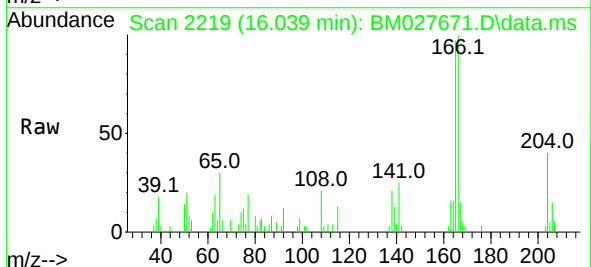
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

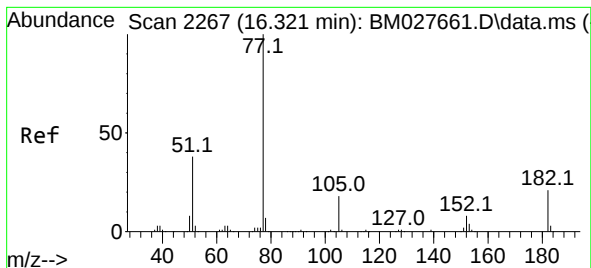
Tgt Ion:204 Resp: 5869
Ion Ratio Lower Upper
204 100
206 37.2 26.1 39.1
141 69.2 43.7 65.5#



#62
4-Nitroaniline
Concen: 2.95 ng
RT: 16.039 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:138 Resp: 2369
Ion Ratio Lower Upper
138 100
92 57.7 35.5 75.5
108 98.5 80.5 120.5

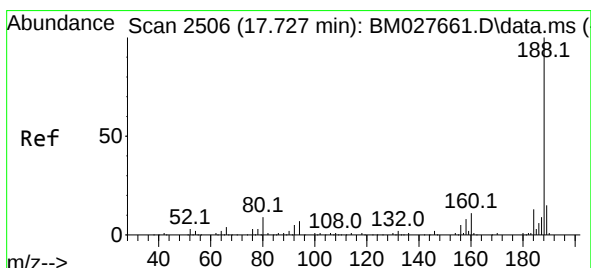
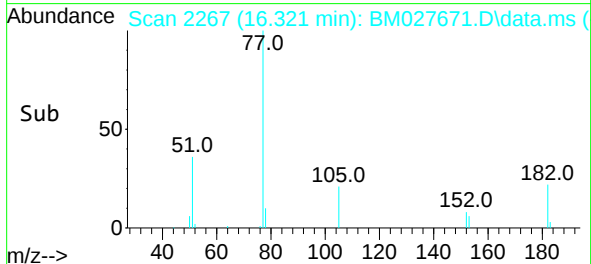
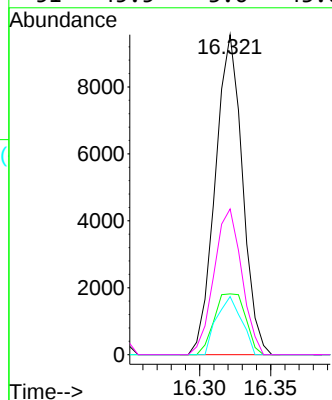
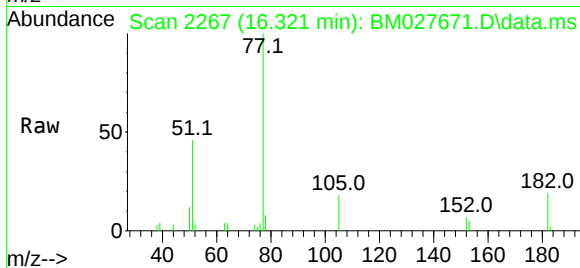




#63
Azobenzene
Concen: 3.78 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

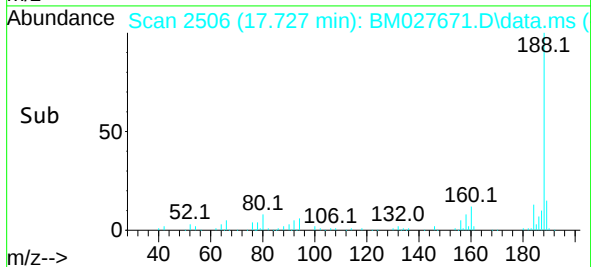
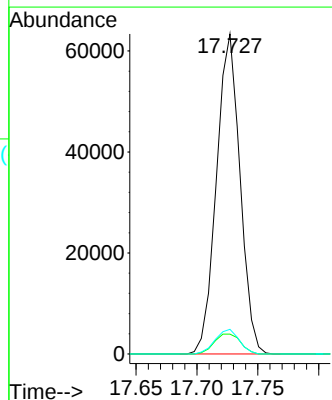
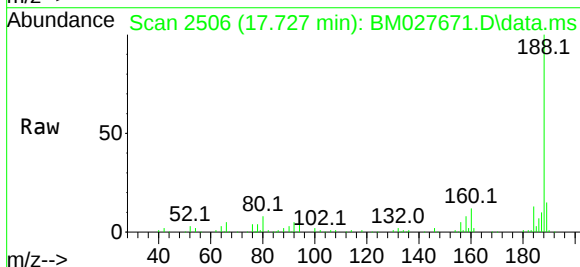
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

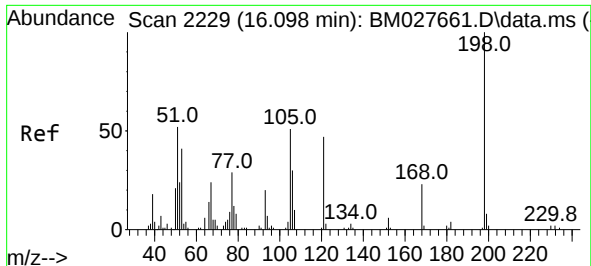
Tgt Ion:	77	Resp:	12700
Ion	Ratio	Lower	Upper
77	100		
182	19.0	5.8	45.8
105	18.2	0.0	37.2
51	45.5	3.6	43.6#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	188	Resp:	85275
Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.2	9.4#
80	7.7	7.5	11.3

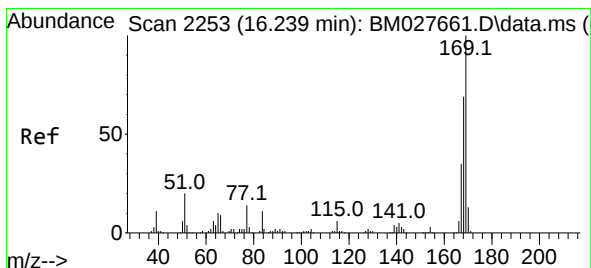
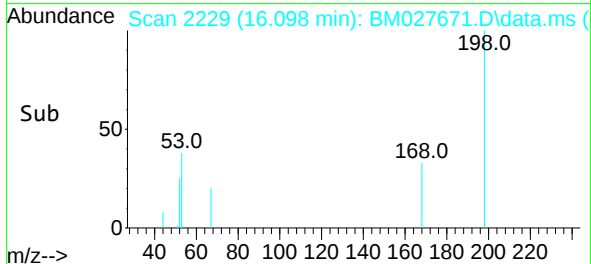
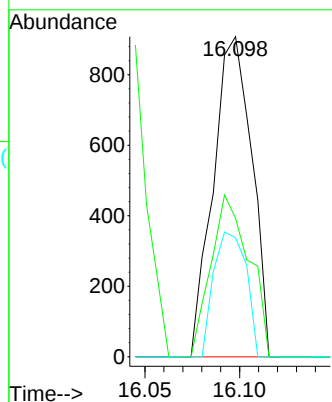
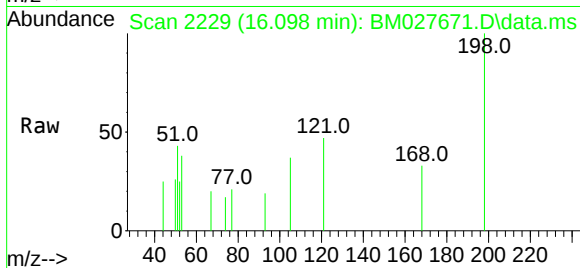




#65
4,6-Dinitro-2-methylphenol
Concen: 3.74 ng
RT: 16.098 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

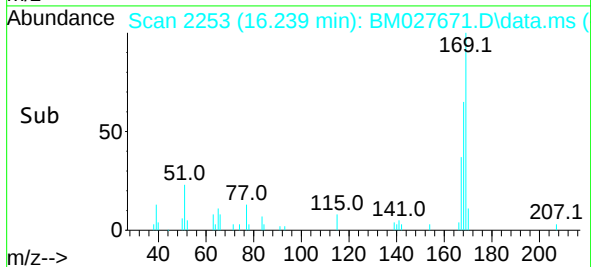
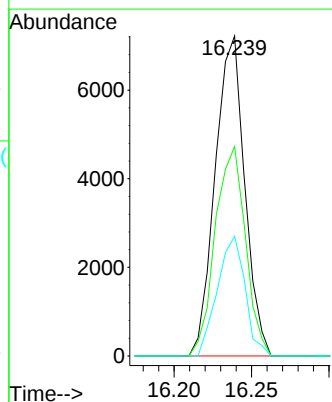
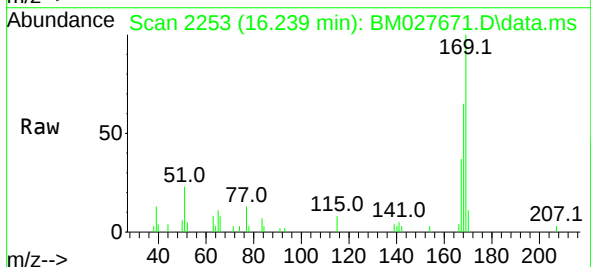
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

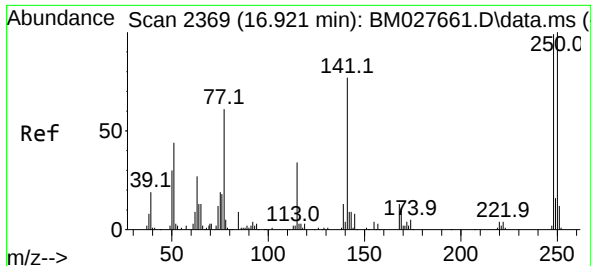
Tgt Ion:198 Resp: 1285
Ion Ratio Lower Upper
198 100
51 43.3 13.0 53.0
105 37.2 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 3.72 ng
RT: 16.239 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:169 Resp: 9574
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.8
167 37.4 29.0 43.4

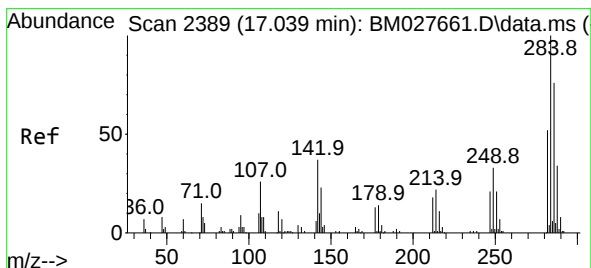
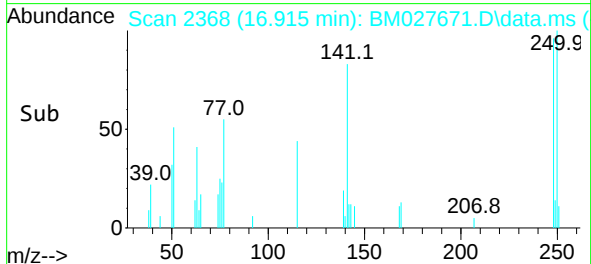
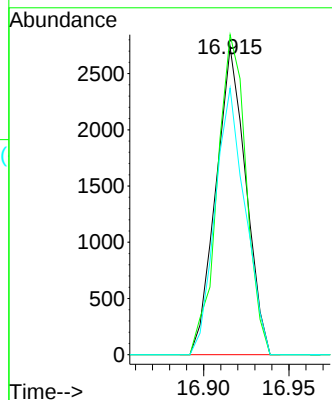
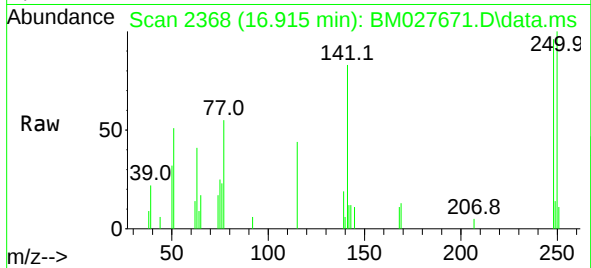




#67
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 16.915 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

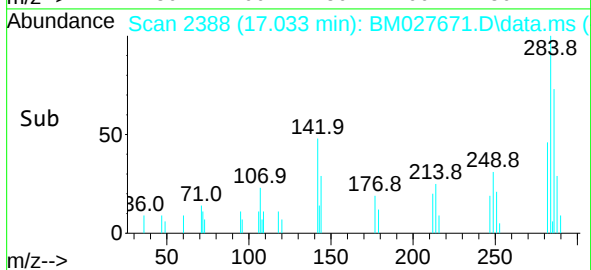
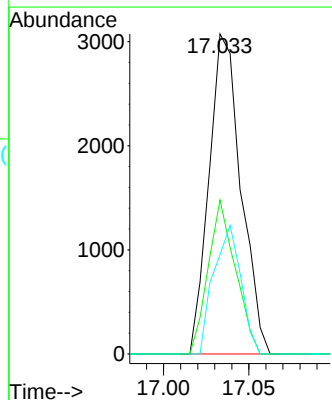
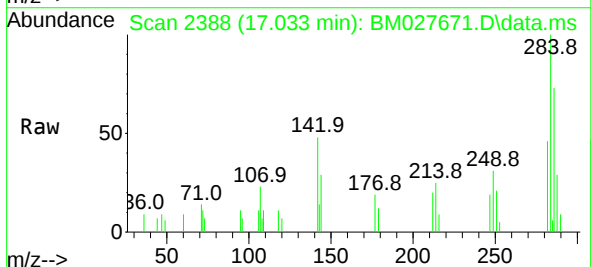
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

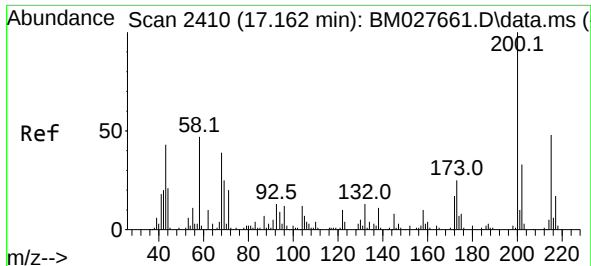
Tgt Ion:248 Resp: 3341
Ion Ratio Lower Upper
248 100
250 104.0 79.1 118.7
141 86.7 51.8 77.8#



#68
Hexachlorobenzene
Concen: 3.78 ng
RT: 17.033 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:284 Resp: 4003
Ion Ratio Lower Upper
284 100
142 48.2 26.1 39.1#
249 31.0 25.6 38.4

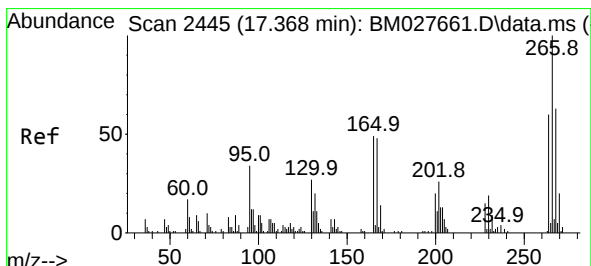
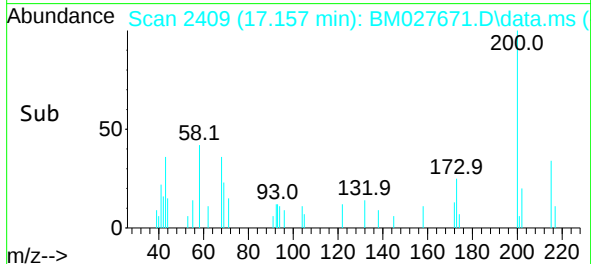
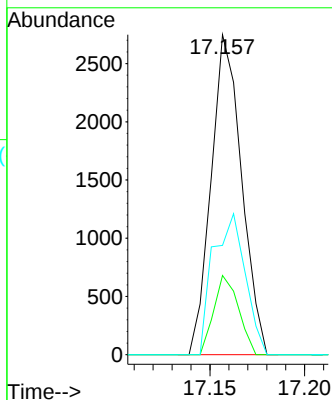
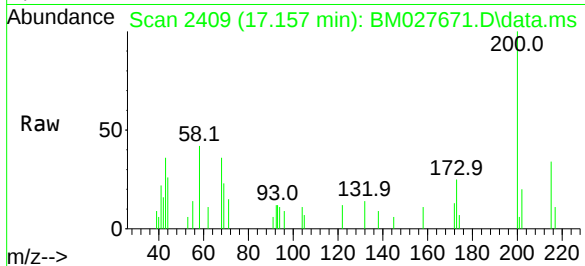




#69
Atrazine
Concen: 3.52 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

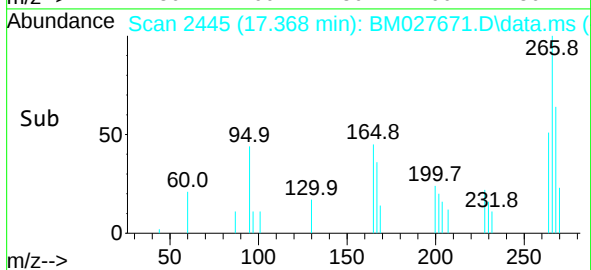
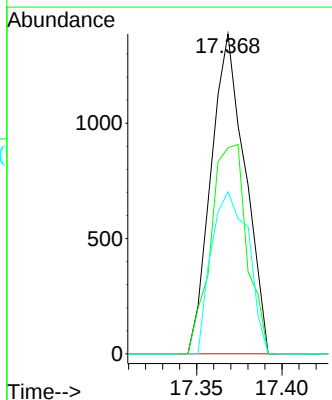
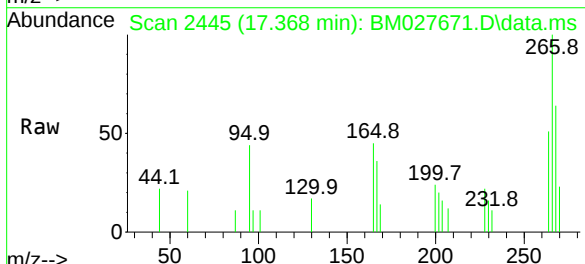
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

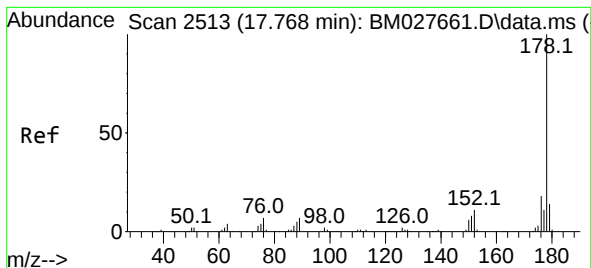
Tgt Ion:	200	Resp:	3071
Ion Ratio	Lower	Upper	
200	100		
173	24.8	4.9	44.9
215	34.2	29.0	69.0



#70
Pentachlorophenol
Concen: 3.36 ng
RT: 17.368 min Scan# 2445
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	266	Resp:	1926
Ion Ratio	Lower	Upper	
266	100		
268	64.5	49.9	74.9
264	50.7	50.6	76.0

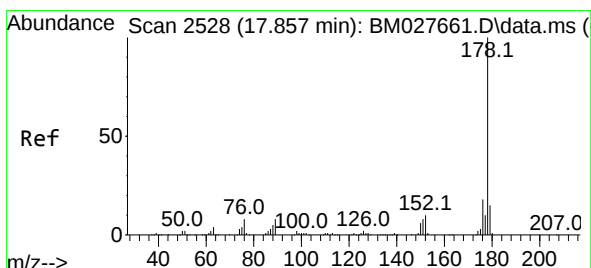
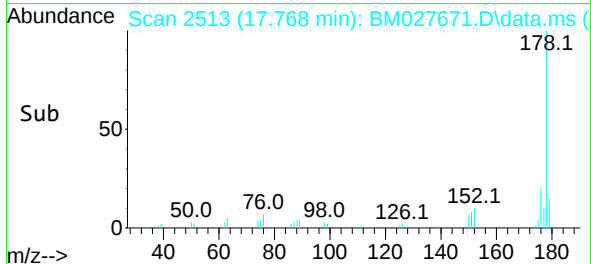
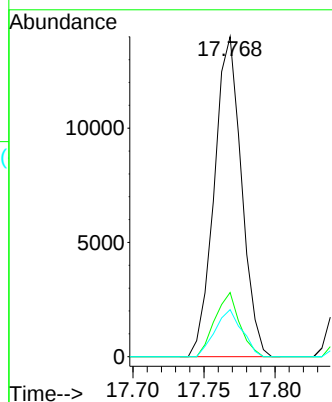
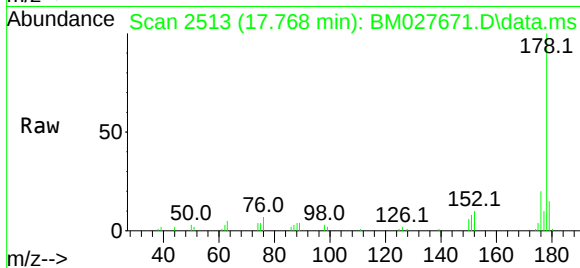




#71
Phenanthrene
Concen: 3.88 ng
RT: 17.768 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

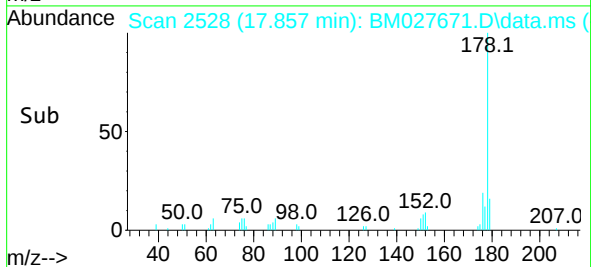
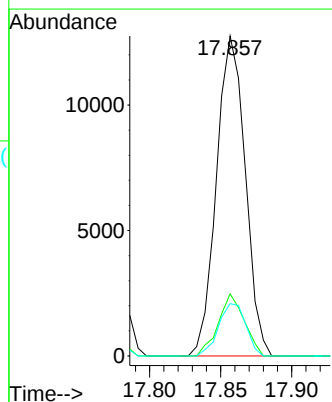
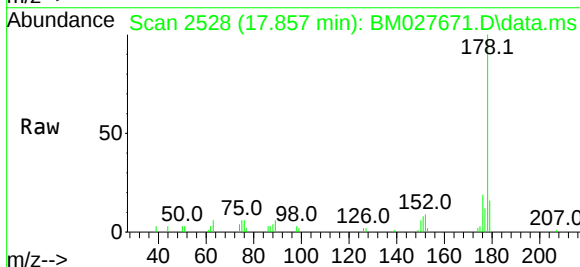
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

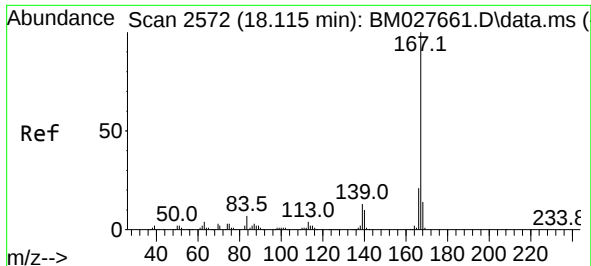
Tgt Ion:178 Resp: 18679
Ion Ratio Lower Upper
178 100
176 20.0 15.0 22.6
179 14.7 12.2 18.4



#72
Anthracene
Concen: 3.82 ng
RT: 17.857 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:178 Resp: 17975
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.4
179 16.3 12.5 18.7

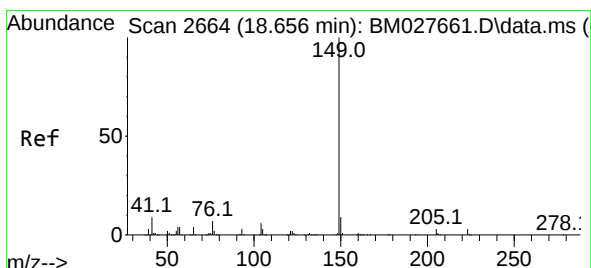
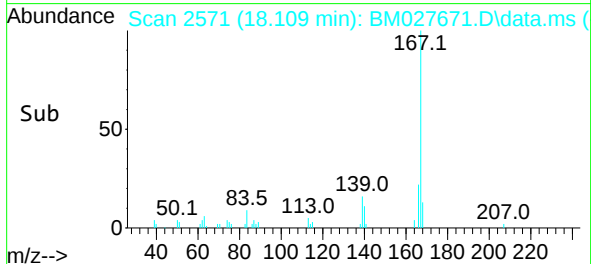
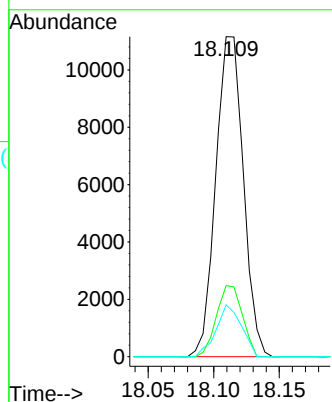
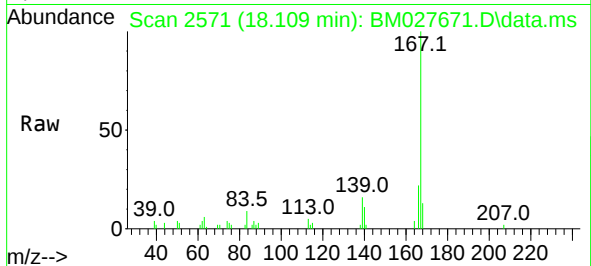




#73
Carbazole
Concen: 3.64 ng
RT: 18.109 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

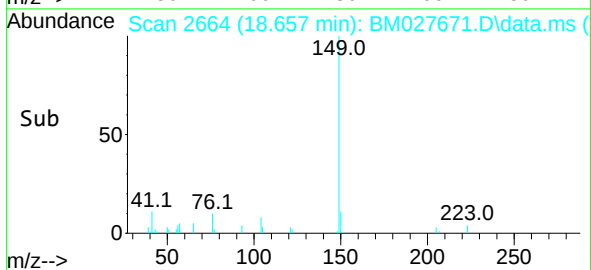
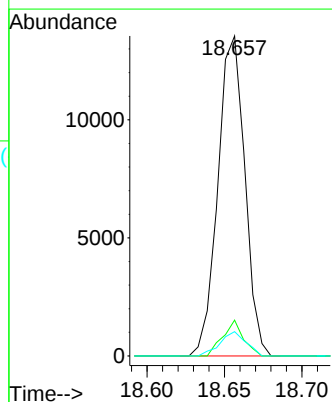
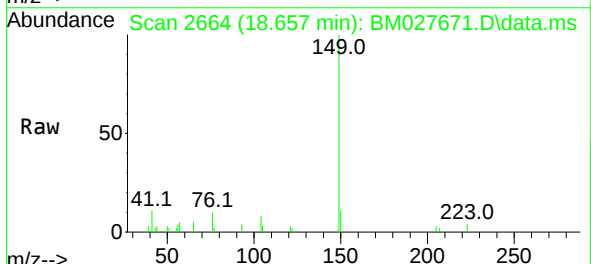
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

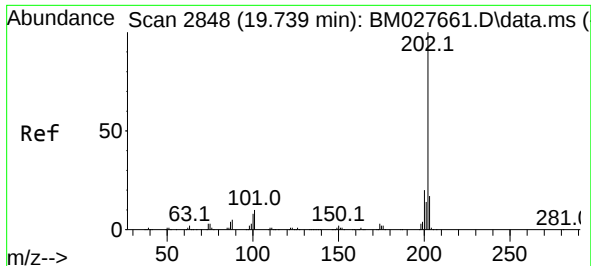
Tgt Ion:167 Resp: 16299
Ion Ratio Lower Upper
167 100
166 22.2 16.9 25.3
139 16.2 9.9 14.9#



#74
Di-n-butylphthalate
Concen: 3.12 ng
RT: 18.657 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:149 Resp: 16388
Ion Ratio Lower Upper
149 100
150 11.2 7.4 11.0#
104 7.6 4.7 7.1#

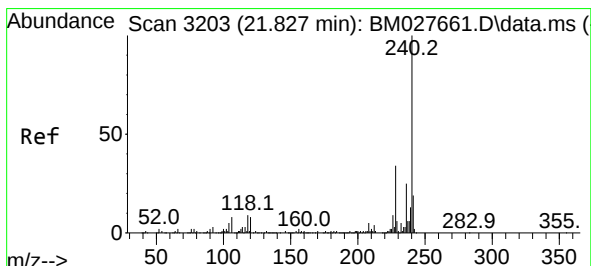
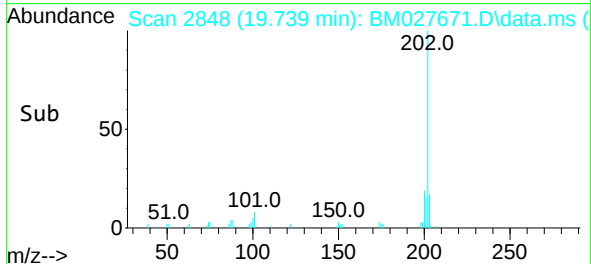
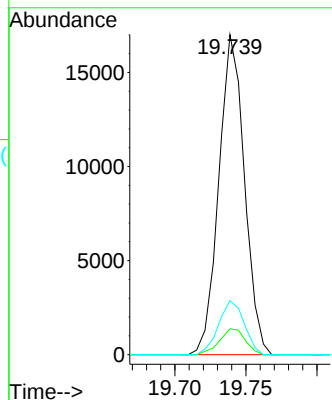
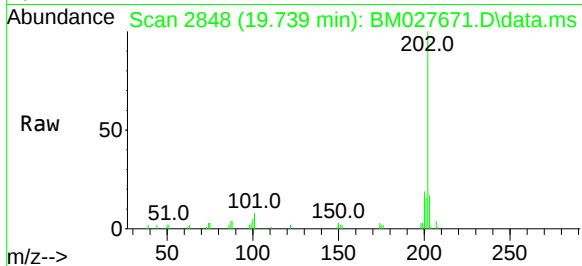




#75
Fluoranthene
Concen: 3.76 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

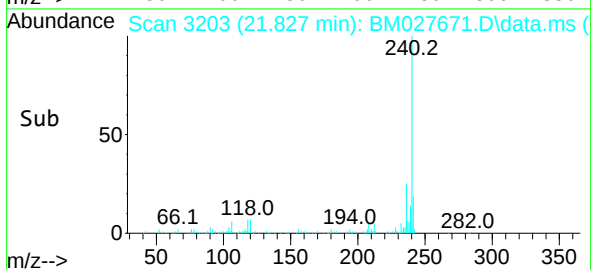
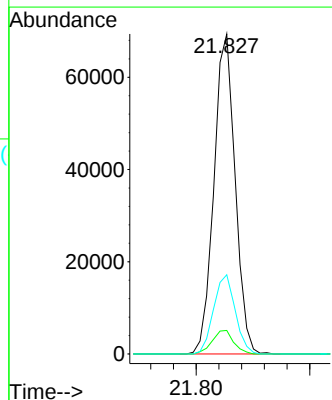
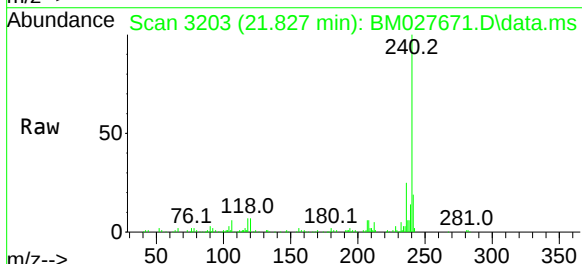
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

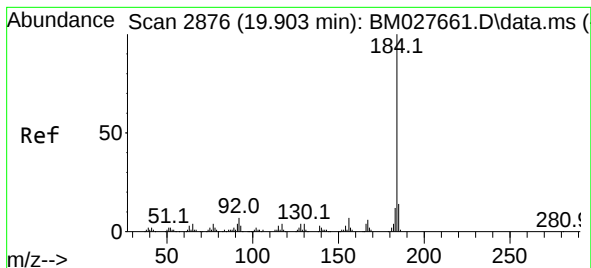
Tgt Ion:	202	Resp:	21288
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	28.5
203	16.8	0.0	37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.827 min Scan# 3203
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	240	Resp:	89886
Ion	Ratio	Lower	Upper
240	100		
120	7.4	6.4	9.6
236	24.8	20.1	30.1





#77

Benzidine

Concen: 3.75 ng

RT: 19.903 min Scan# 2876

Delta R.T. 0.000 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

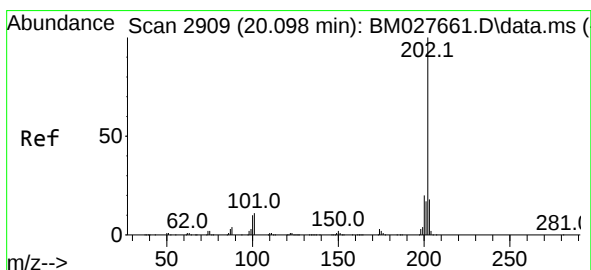
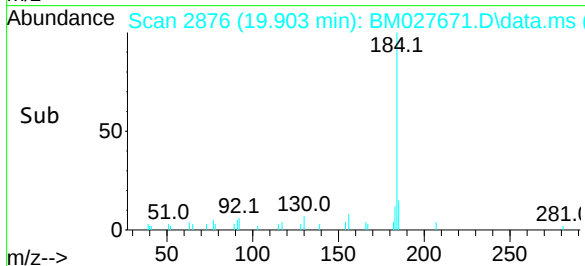
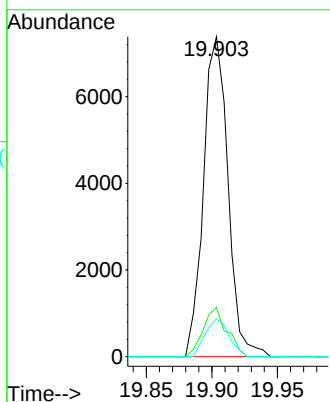
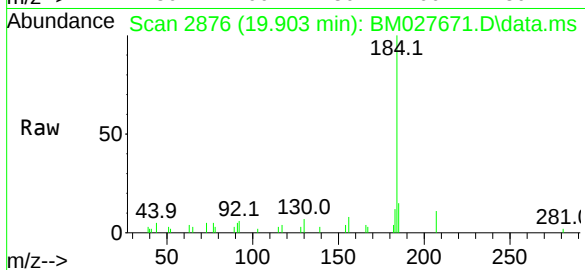
Tgt Ion:184 Resp: 9600

Ion Ratio Lower Upper

184 100

185 15.4 11.0 16.6

183 11.9 9.7 14.5



#78

Pyrene

Concen: 3.56 ng

RT: 20.098 min Scan# 2909

Delta R.T. 0.000 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

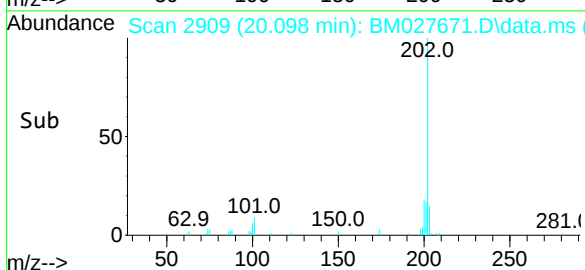
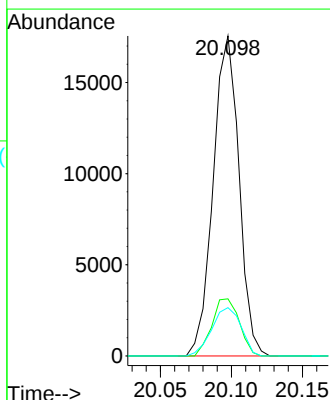
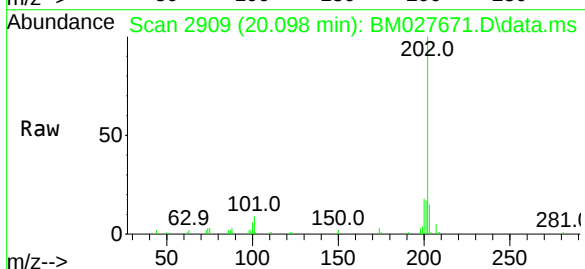
Tgt Ion:202 Resp: 22174

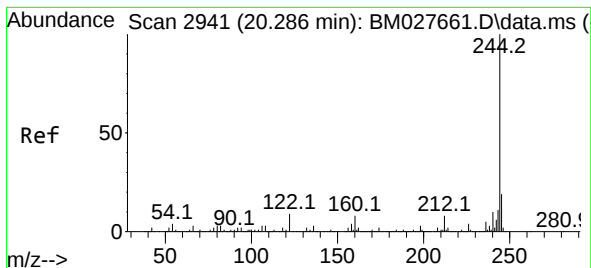
Ion Ratio Lower Upper

202 100

200 17.9 16.6 24.8

203 15.1 13.8 20.6

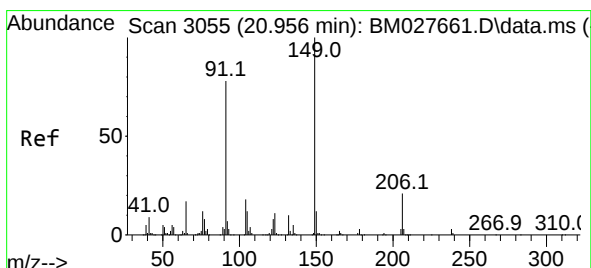
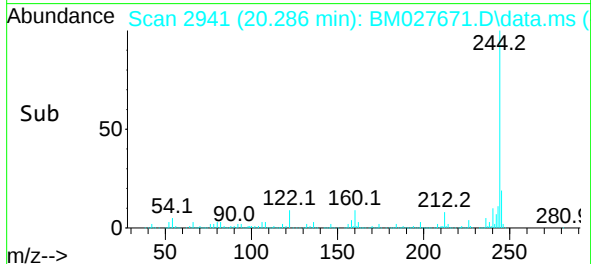
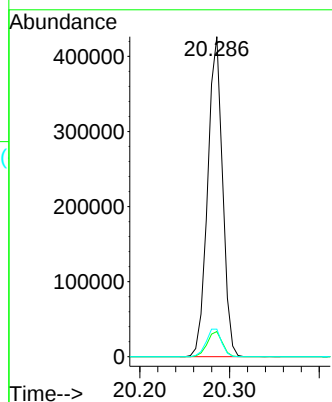
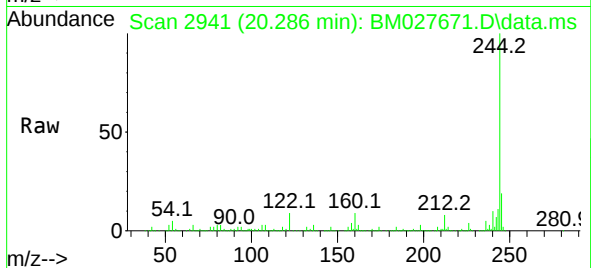




#79
 Terphenyl-d14
 Concen: 107.58 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027671.D
 Acq: 02 Nov 2020 11:16

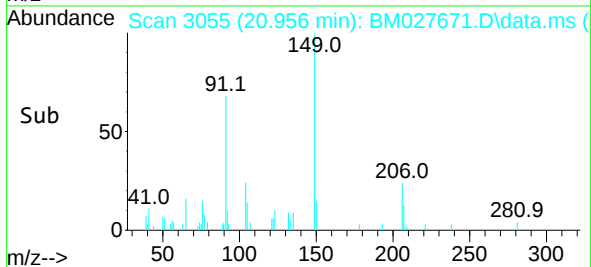
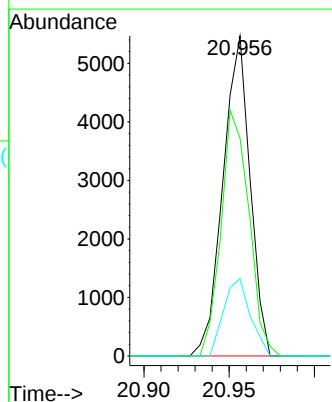
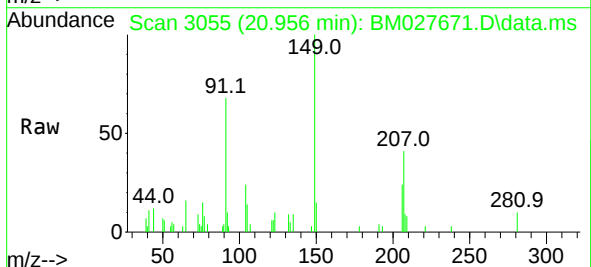
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

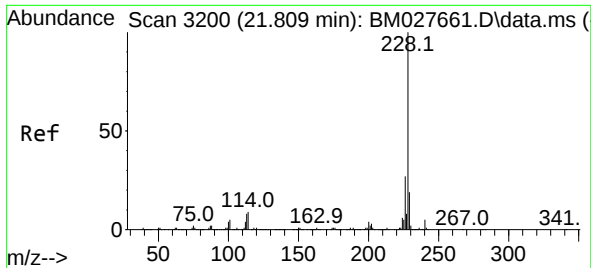
Tgt Ion:244 Resp: 490206
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.8 8.8
 122 8.6 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 2.56 ng
 RT: 20.956 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM027671.D
 Acq: 02 Nov 2020 11:16

Tgt Ion:149 Resp: 6042
 Ion Ratio Lower Upper
 149 100
 91 68.1 58.1 87.1
 206 24.1 18.7 28.1

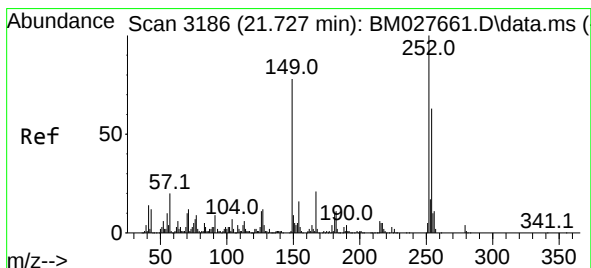
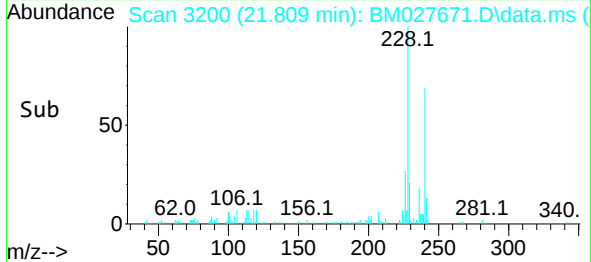
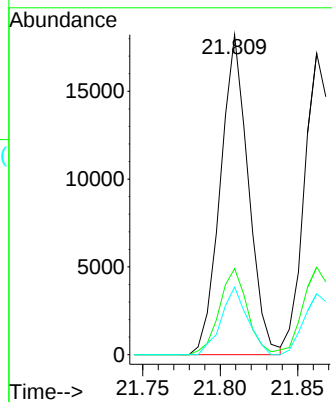
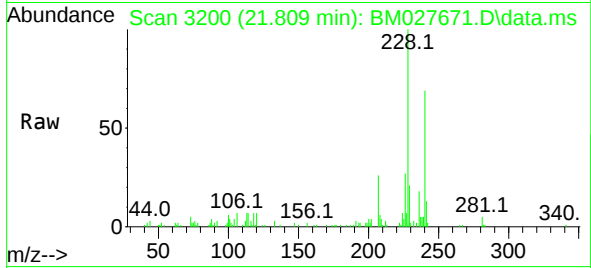




#81
Benzo(a)anthracene
Concen: 3.77 ng
RT: 21.809 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

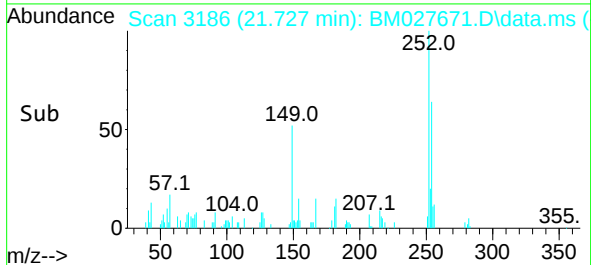
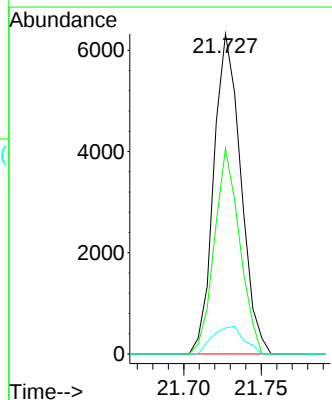
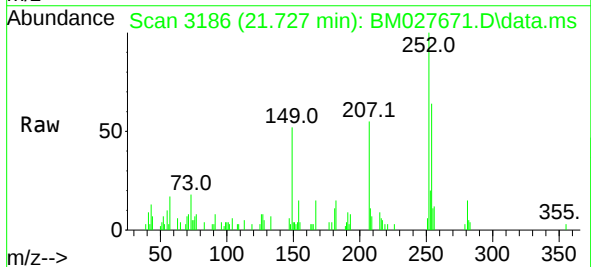
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

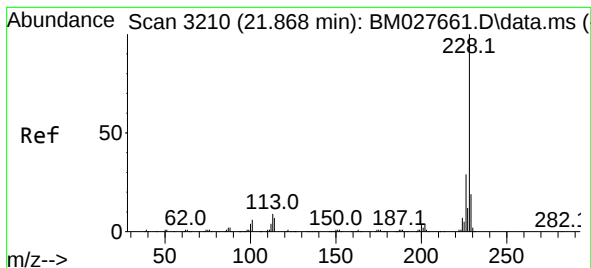
Tgt Ion:	228	Resp:	22895
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.1	31.7
229	21.1	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 3.68 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:	252	Resp:	7667
Ion Ratio	Lower	Upper	
252	100		
254	64.2	51.4	77.0
126	8.2	6.8	10.2





#83

Chrysene

Concen: 3.70 ng

RT: 21.862 min Scan# 3209

Delta R.T. -0.006 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

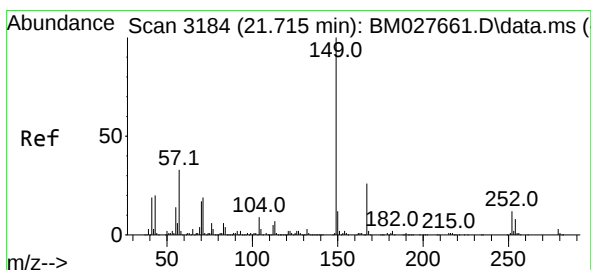
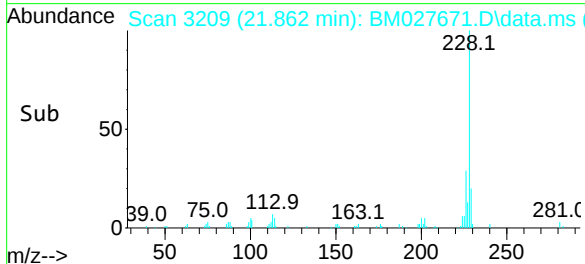
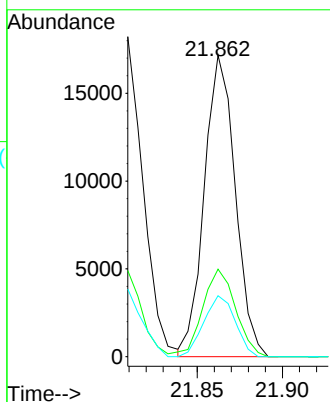
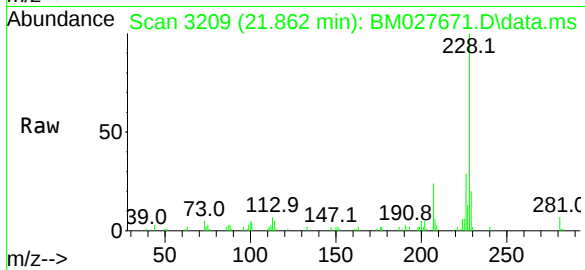
Tgt Ion:228 Resp: 21679

Ion Ratio Lower Upper

228 100

226 29.0 23.4 35.0

229 20.2 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.74 ng

RT: 21.715 min Scan# 3184

Delta R.T. 0.000 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

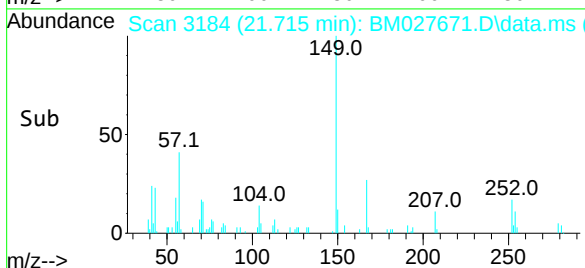
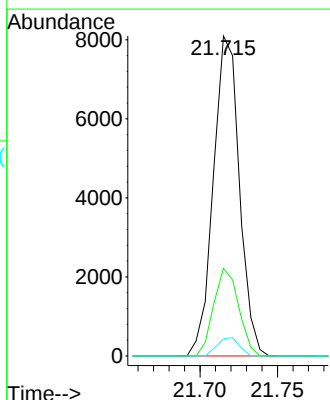
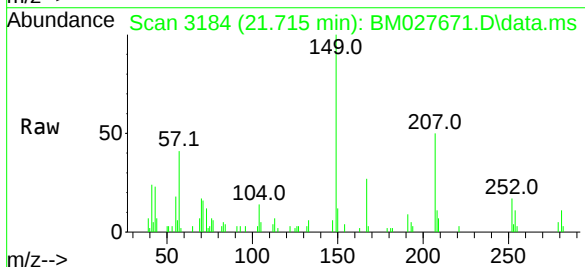
Tgt Ion:149 Resp: 9455

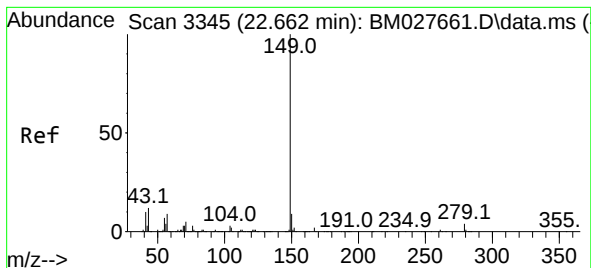
Ion Ratio Lower Upper

149 100

167 27.4 22.7 34.1

279 5.4 4.0 6.0

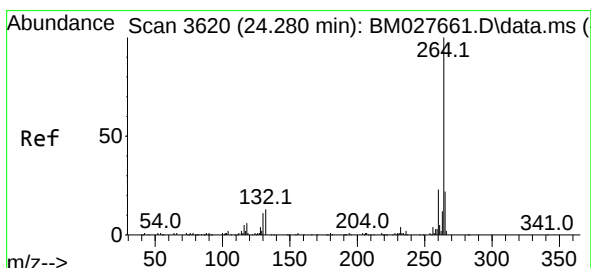
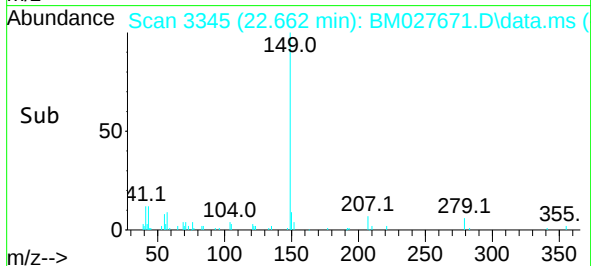
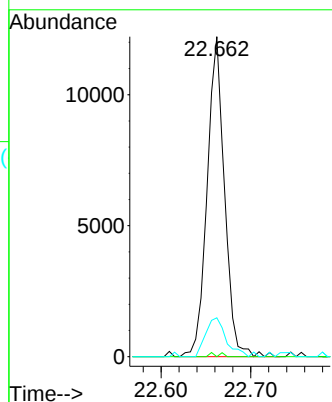
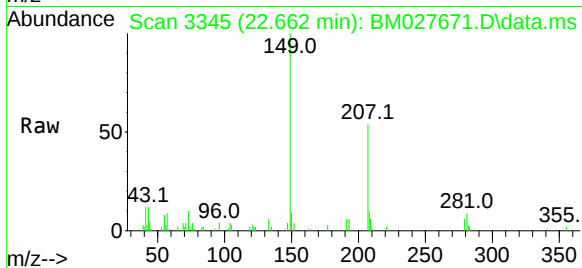




#85
Di-n-octyl phthalate
Concen: 2.83 ng
RT: 22.662 min Scan# 3345
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

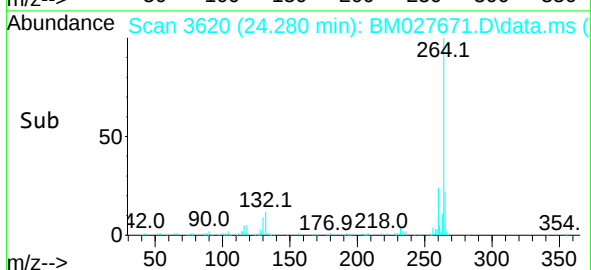
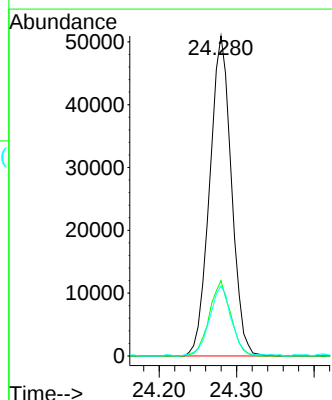
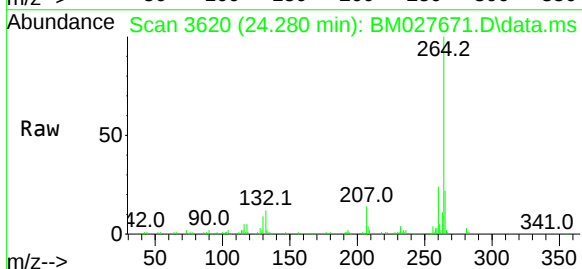
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

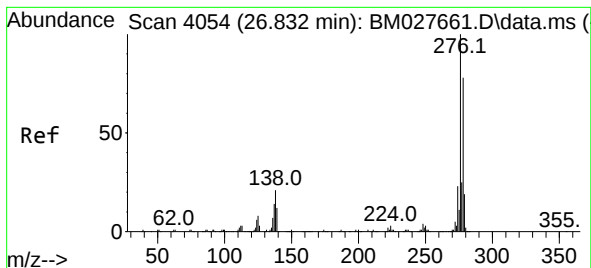
Tgt Ion:149 Resp: 16458
Ion Ratio Lower Upper
149 100
167 0.7 1.3 1.9#
43 14.6 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:264 Resp: 99272
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.62 ng

RT: 26.815 min Scan# 4051

Delta R.T. -0.018 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

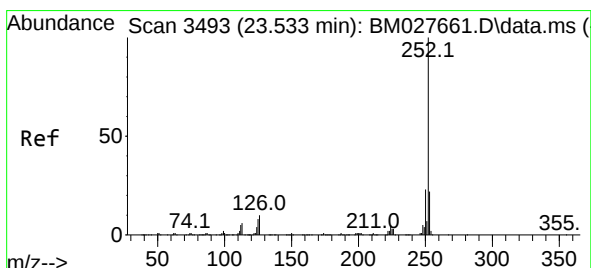
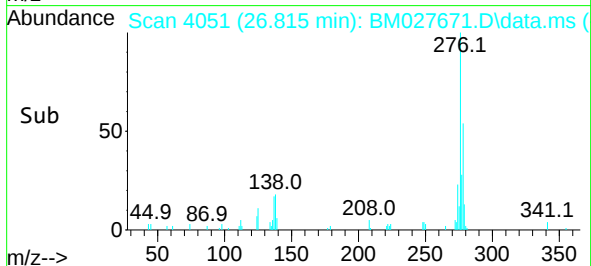
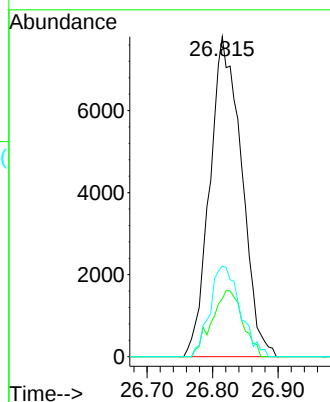
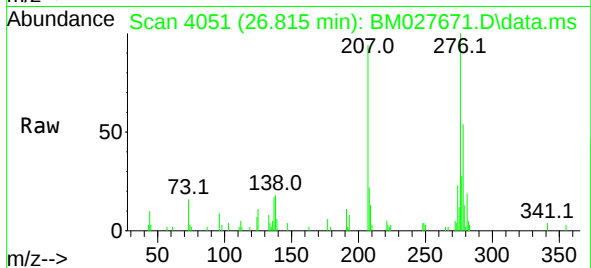
Tgt Ion:	276	Resp:	26254
Ion Ratio	Lower	Upper	
276	100		
138	20.0	14.2	21.4
277	27.0	19.8	29.8

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 3.50 ng

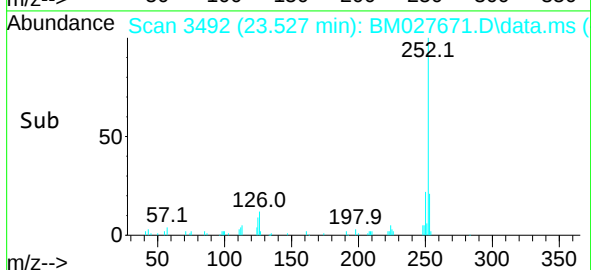
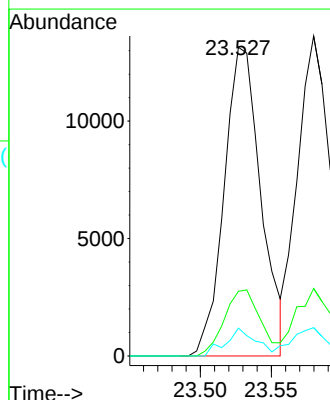
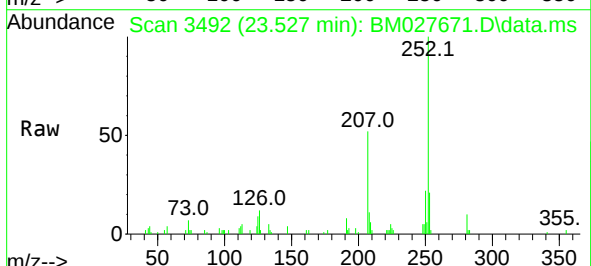
RT: 23.527 min Scan# 3492

Delta R.T. -0.006 min

Lab File: BM027671.D

Acq: 02 Nov 2020 11:16

Tgt Ion:	252	Resp:	23673
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.0
125	9.0	5.7	8.5

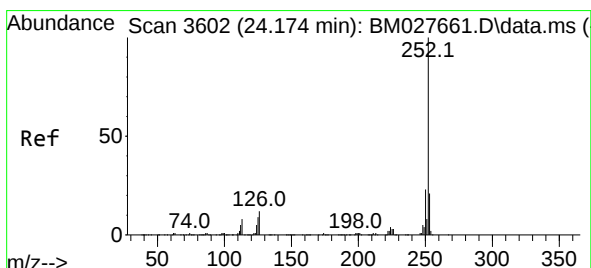
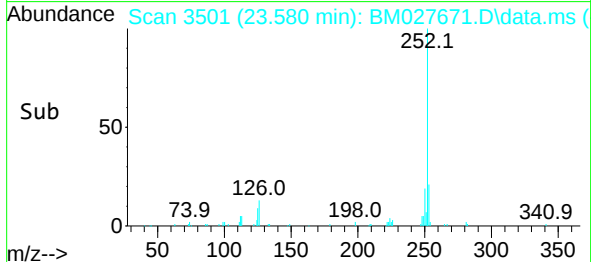
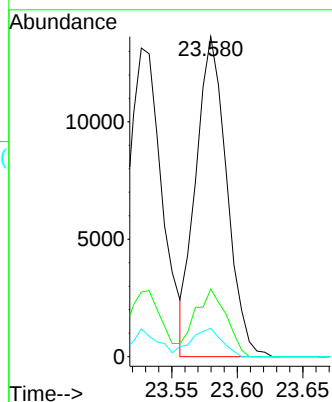
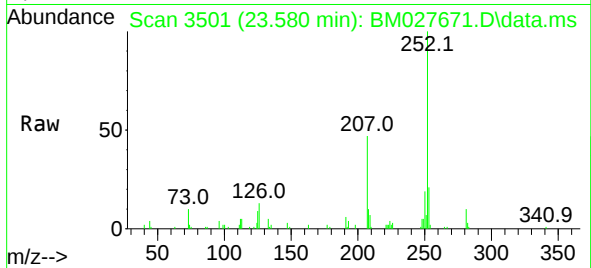




#89
Benzo(k)fluoranthene
Concen: 3.47 ng
RT: 23.580 min Scan# 3501
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

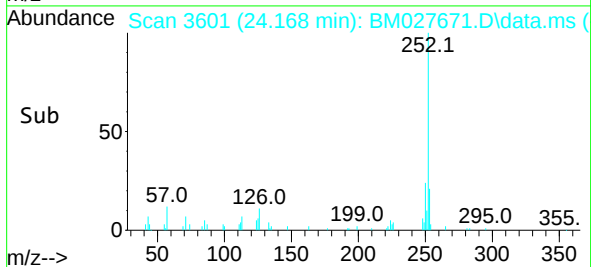
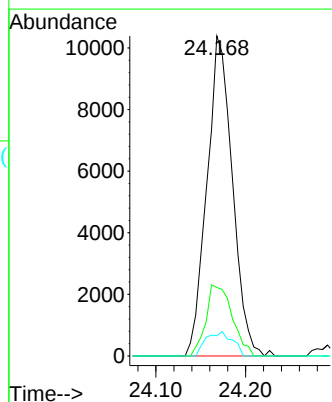
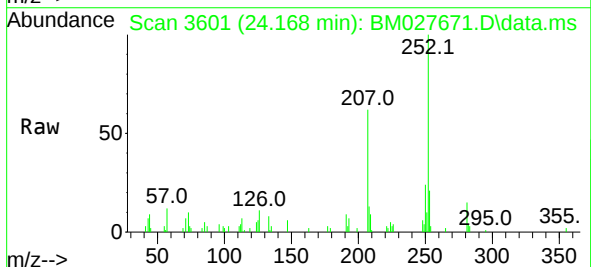
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

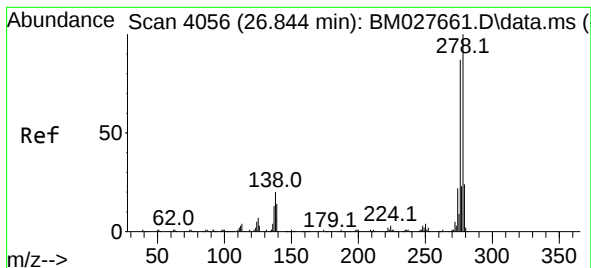
Tgt Ion:252 Resp: 22330
Ion Ratio Lower Upper
252 100
253 21.1 17.4 26.0
125 8.9 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 3.28 ng
RT: 24.168 min Scan# 3601
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:252 Resp: 20513
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 6.3 6.6 9.8#

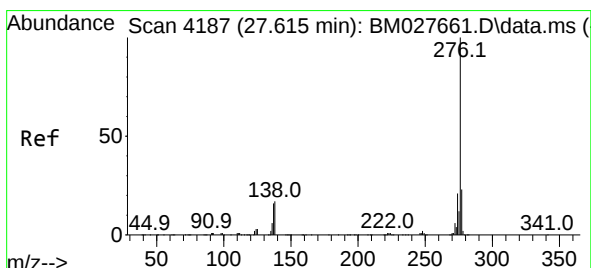
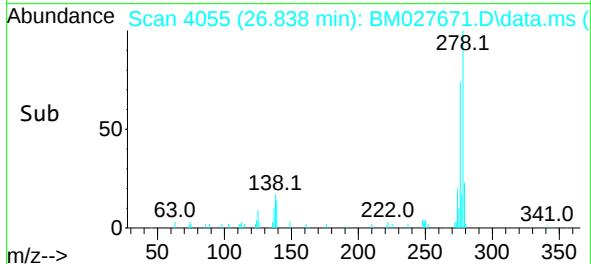
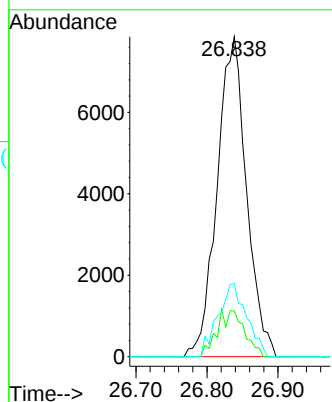
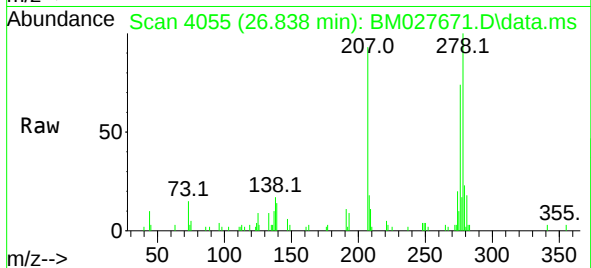




#91
Dibenzo(a,h)anthracene
Concen: 3.81 ng
RT: 26.838 min Scan# 4055
Delta R.T. -0.006 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

Tgt Ion:278 Resp: 22586
Ion Ratio Lower Upper
278 100
139 14.3 9.0 13.6#
279 22.9 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 3.89 ng
RT: 27.597 min Scan# 4184
Delta R.T. -0.018 min
Lab File: BM027671.D
Acq: 02 Nov 2020 11:16

Tgt Ion:276 Resp: 22609
Ion Ratio Lower Upper
276 100
277 24.1 18.6 28.0
138 17.0 12.2 18.2

