

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110220\
 Data File : BM027672.D
 Acq On : 02 Nov 2020 11:52
 Operator : JU/CG
 Sample : L4214-01
 Misc : LOD-MDL-SOIL 8PPM
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 02 12:36:25 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	18597	20.00	ng	0.00
21) Naphthalene-d8	11.245	136	69511	20.00	ng	# 0.00
39) Acenaphthene-d10	15.010	164	44274	20.00	ng	0.00
64) Phenanthrene-d10	17.727	188	102408	20.00	ng	# 0.00
76) Chrysene-d12	21.821	240	110815	20.00	ng	0.00
86) Perylene-d12	24.280	264	118986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.869	112	179173	152.23	ng	0.00
7) Phenol-d6	7.522	99	236215	142.80	ng	0.00
23) Nitrobenzene-d5	9.575	82	184405	121.02	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	88856	168.07	ng	0.00
45) 2-Fluorobiphenyl	13.651	172	359807	115.96	ng	0.00
79) Terphenyl-d14	20.286	244	611387	108.83	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.575	88	3823	7.56	ng	# 53
3) Pyridine	4.022	79	11120	7.68	ng	# 44
4) n-Nitrosodimethylamine	3.928	42	9057	10.08	ng	# 34
6) Aniline	7.704	93	16591	8.89	ng	98
8) 2-Chlorophenol	7.951	128	9678	8.19	ng	91
9) Benzaldehyde	7.510	77	10426	12.24	ng	94
10) Phenol	7.545	94	12921	8.26	ng	87
11) bis(2-Chloroethyl)ether	7.798	93	9705	8.08	ng	90
12) 1,3-Dichlorobenzene	8.293	146	11372	7.89	ng	97
13) 1,4-Dichlorobenzene	8.440	146	11353	7.83	ng	96
14) 1,2-Dichlorobenzene	8.763	146	10563	7.66	ng	93
15) Benzyl Alcohol	8.634	79	10990	8.30	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.928	45	14329	7.46	ng	71
17) 2-Methylphenol	8.828	107	8510	8.09	ng	94
18) Hexachloroethane	9.510	117	4458	7.77	ng	97
19) n-Nitroso-di-n-propyla...	9.210	70	8433	7.79	ng	# 62
20) 3+4-Methylphenols	9.157	107	10707	7.66	ng	94
22) Acetophenone	9.228	105	16667	8.44	ng	# 73
24) Nitrobenzene	9.616	77	14622	9.33	ng	97
25) Isophorone	10.145	82	22106	8.36	ng	98
26) 2-Nitrophenol	10.339	139	4012	7.78	ng	94
27) 2,4-Dimethylphenol	10.381	122	9464	9.35	ng	96
28) bis(2-Chloroethoxy)met...	10.622	93	11849	7.45	ng	# 90
29) 2,4-Dichlorophenol	10.875	162	8796	8.03	ng	96
30) 1,2,4-Trichlorobenzene	11.104	180	10629	7.97	ng	92
31) Naphthalene	11.292	128	30661	8.35	ng	98
32) Benzoic acid	10.381	122	9464	15.89	ng	# 15
33) 4-Chloroaniline	11.386	127	12747	7.89	ng	# 96
34) Hexachlorobutadiene	11.581	225	7024	8.12	ng	97
35) Caprolactam	12.110	113	2815	7.71	ng	# 71
36) 4-Chloro-3-methylphenol	12.469	107	10538	8.27	ng	87
37) 2-Methylnaphthalene	12.875	142	21843	8.38	ng	94
38) 1-Methylnaphthalene	13.092	142	20526	8.31	ng	# 97
40) 1,2,4,5-Tetrachloroben...	13.227	216	11868	8.48	ng	# 98
41) Hexachlorocyclopentadiene	13.216	237	7724	10.15	ng	97
43) 2,4,6-Trichlorophenol	13.457	196	6426	7.07	ng	93

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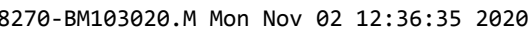
Instrument :
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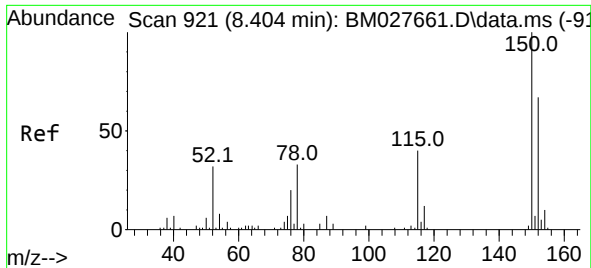
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.522	196	7450	7.65	ng	91
46) 1,1'-Biphenyl	13.857	154	28473	8.42	ng	98
47) 2-Chloronaphthalene	13.904	162	22596	8.06	ng #	91
48) 2-Nitroaniline	14.086	65	6303	6.68	ng	98
49) Acenaphthylene	14.739	152	34000	8.03	ng	99
50) Dimethylphthalate	14.451	163	27252	7.68	ng	97
51) 2,6-Dinitrotoluene	14.569	165	5372	7.71	ng #	83
52) Acenaphthene	15.074	154	22076	7.96	ng	100
53) 3-Nitroaniline	14.892	138	5740	7.26	ng #	94
54) 2,4-Dinitrophenol	15.092	184	2369	8.05	ng #	5
55) Dibenzofuran	15.404	168	34720	8.41	ng	90
56) 4-Nitrophenol	15.169	139	4487	7.00	ng #	75
57) 2,4-Dinitrotoluene	15.339	165	6897	7.30	ng #	81
58) Fluorene	16.045	166	27828	8.22	ng	95
59) 2,3,4,6-Tetrachlorophenol	15.616	232	7062	8.26	ng #	91
60) Diethylphthalate	15.792	149	28196	7.80	ng #	95
61) 4-Chlorophenyl-phenyle...	16.033	204	13947	8.01	ng	90
62) 4-Nitroaniline	16.039	138	5763	6.43	ng #	81
63) Azobenzene	16.321	77	31165	8.32	ng	83
65) 4,6-Dinitro-2-methylph...	16.098	198	3443	8.35	ng	85
66) n-Nitrosodiphenylamine	16.233	169	24437	7.91	ng	95
67) 4-Bromophenyl-phenylether	16.915	248	8200	7.49	ng #	86
68) Hexachlorobenzene	17.039	284	9546	7.52	ng #	88
69) Atrazine	17.163	200	7965	7.61	ng	94
70) Pentachlorophenol	17.363	266	4997	7.26	ng	89
71) Phenanthrene	17.768	178	45885	7.94	ng	97
72) Anthracene	17.857	178	46502	8.23	ng	98
73) Carbazole	18.110	167	42130	7.84	ng	98
74) Di-n-butylphthalate	18.657	149	45412	7.20	ng #	97
75) Fluoranthene	19.739	202	55284	8.14	ng	100
77) Benzidine	19.904	184	28377	9.00	ng	97
78) Pyrene	20.098	202	57889	7.53	ng	99
80) Butylbenzylphthalate	20.956	149	17689	6.08	ng	96
81) Benzo(a)anthracene	21.809	228	59559	7.96	ng	98
82) 3,3'-Dichlorobenzidine	21.727	252	20834	8.12	ng #	97
83) Chrysene	21.862	228	57386	7.95	ng	98
84) Bis(2-ethylhexyl)phtha...	21.715	149	28329	6.66	ng	95
85) Di-n-octyl phthalate	22.662	149	48349	6.74	ng #	85
87) Indeno(1,2,3-cd)pyrene	26.809	276	68288	7.85	ng #	96
88) Benzo(b)fluoranthene	23.580	252	59939	7.39	ng	98
89) Benzo(k)fluoranthene	23.580	252	59939	7.76	ng	98
90) Benzo(a)pyrene	24.168	252	54508	7.28	ng	97
91) Dibenzo(a,h)anthracene	26.827	278	56545	7.95	ng #	94
92) Benzo(g,h,i)perylene	27.603	276	57748	8.30	ng	93

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

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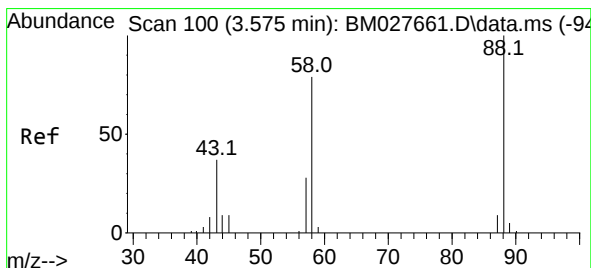
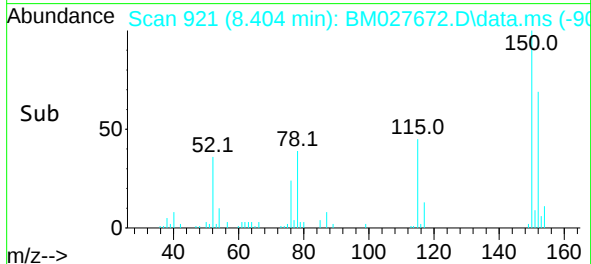
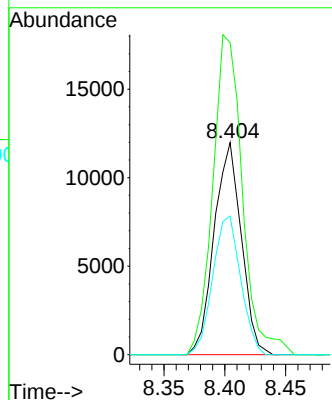
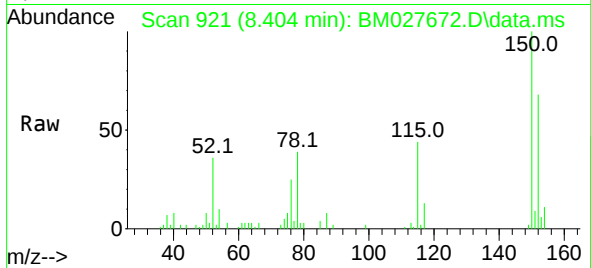




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.404 min Scan# 921
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

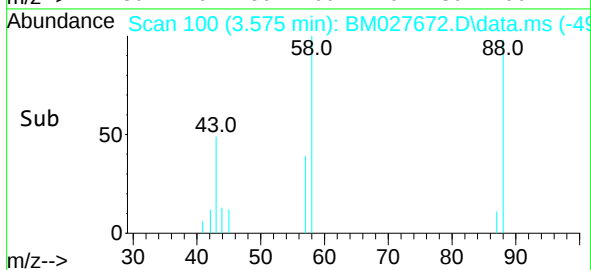
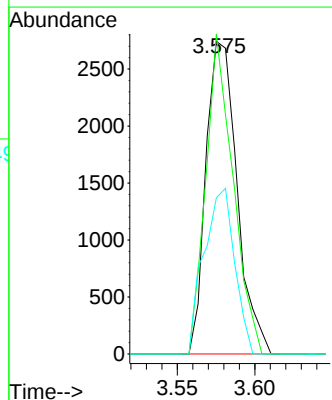
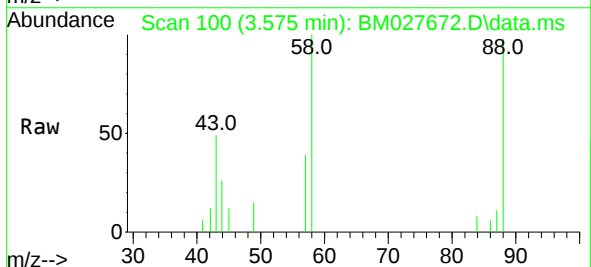
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BNA_M
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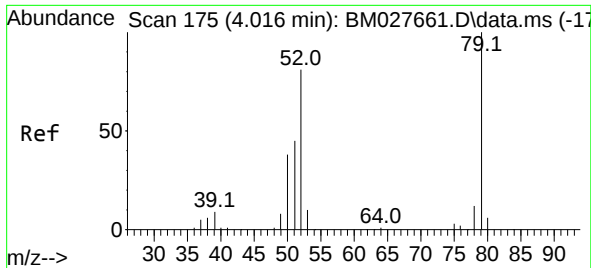
Tgt Ion:152 Resp: 18597
Ion Ratio Lower Upper
152 100
150 147.1 120.6 181.0
115 65.3 47.2 70.8



#2
1,4-Dioxane
Concen: 7.56 ng
RT: 3.575 min Scan# 100
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion: 88 Resp: 3823
Ion Ratio Lower Upper
88 100
58 89.7 46.2 69.2#
43 52.2 19.0 28.6#

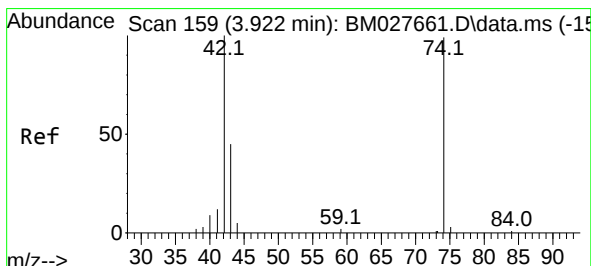
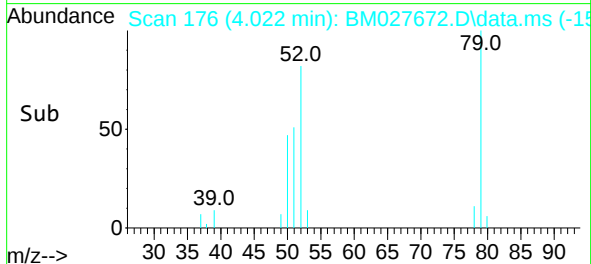
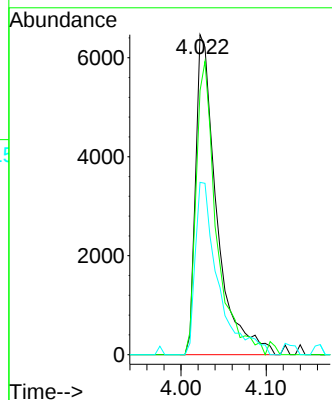
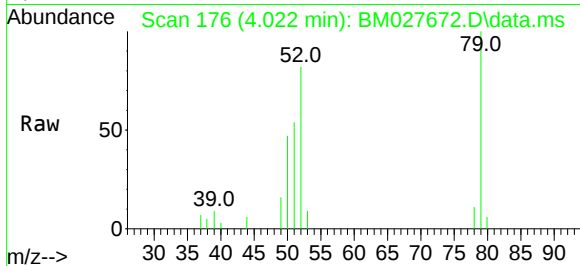




#3
Pyridine
Concen: 7.68 ng
RT: 4.022 min Scan# 176
Delta R.T. 0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

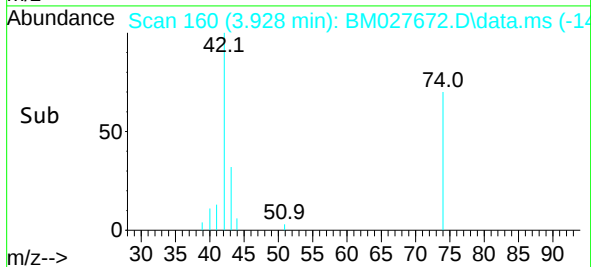
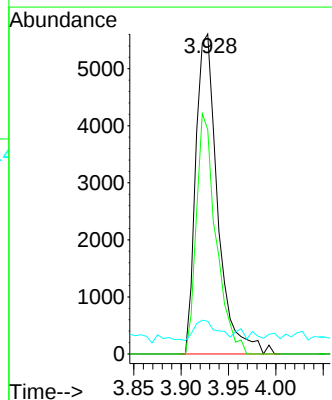
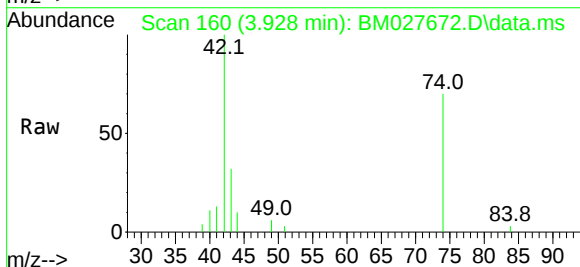
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

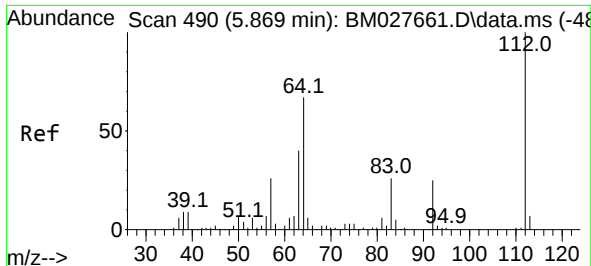
Tgt Ion	Ratio	Lower	Upper
79	100		
52	82.5	35.8	53.8#
51	53.9	21.0	31.6#



#4
n-Nitrosodimethylamine
Concen: 10.08 ng
RT: 3.928 min Scan# 160
Delta R.T. 0.006 min
Lab File: BM027672.D
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Tgt Ion	Ratio	Lower	Upper
42	100		
74	70.2	127.8	191.6#
44	10.2	4.1	6.1#

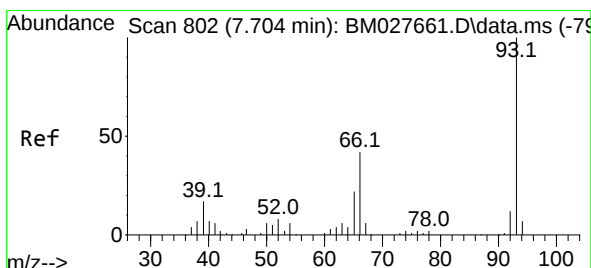
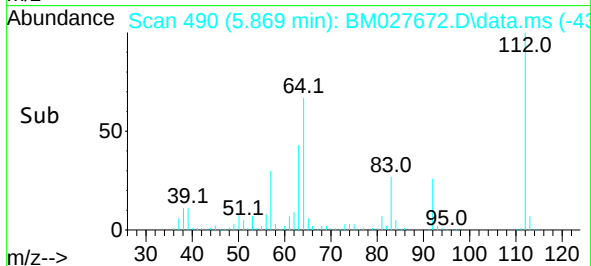
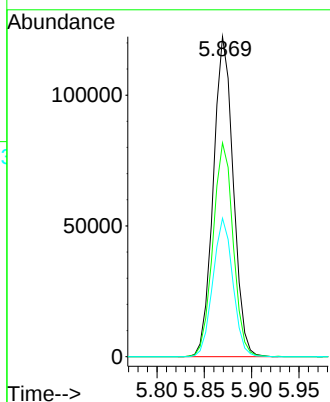
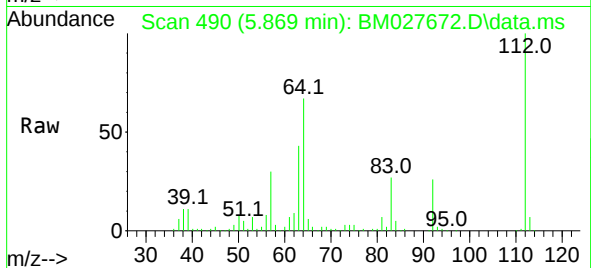




#5
2-Fluorophenol
Concen: 152.23 ng
RT: 5.869 min Scan# 490
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

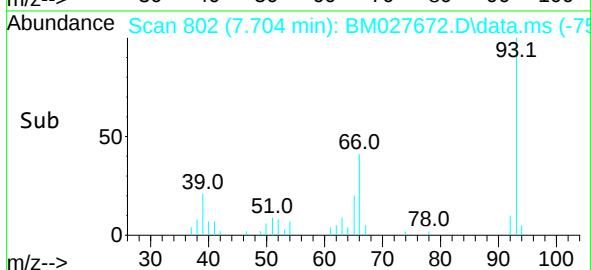
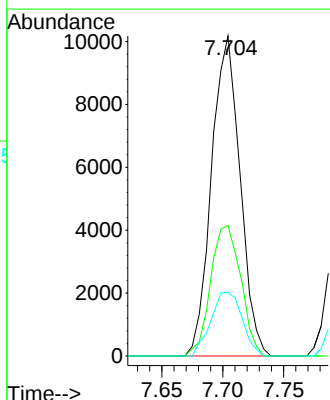
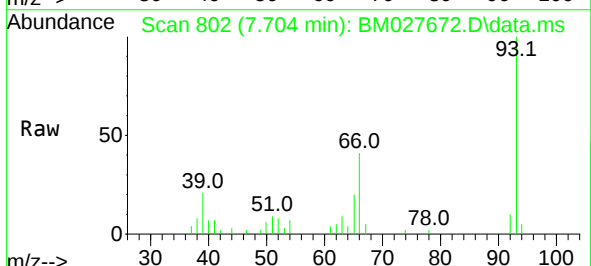
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ClientSampleId :
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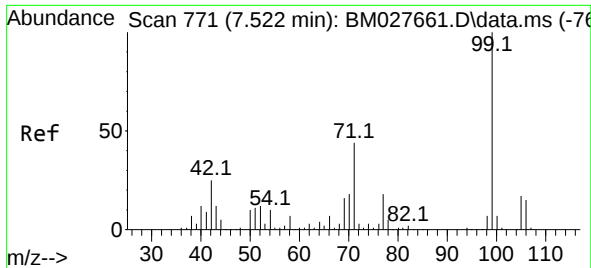
Tgt Ion:112 Resp: 179173
Ion Ratio Lower Upper
112 100
64 66.8 50.6 76.0
63 43.2 31.0 46.6



#6
Aniline
Concen: 8.89 ng
RT: 7.704 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion: 93 Resp: 16591
Ion Ratio Lower Upper
93 100
66 40.8 33.3 49.9
65 19.9 17.4 26.0

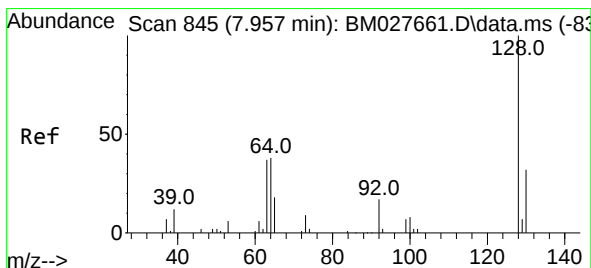
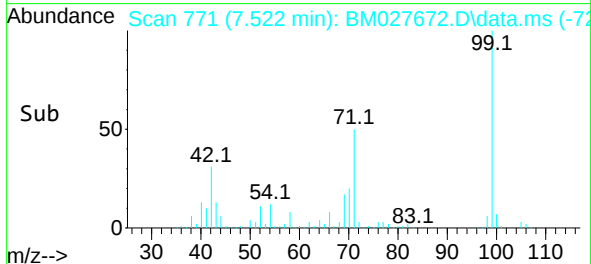
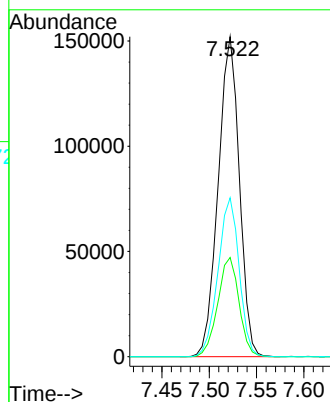
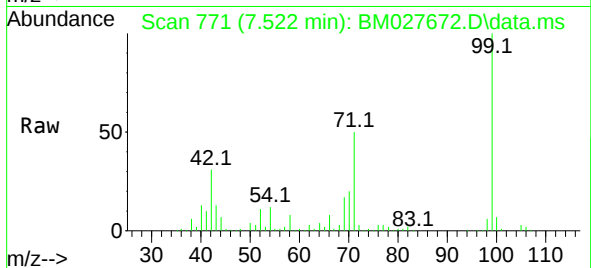




#7
Phenol-d6
Concen: 142.80 ng
RT: 7.522 min Scan# 771
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

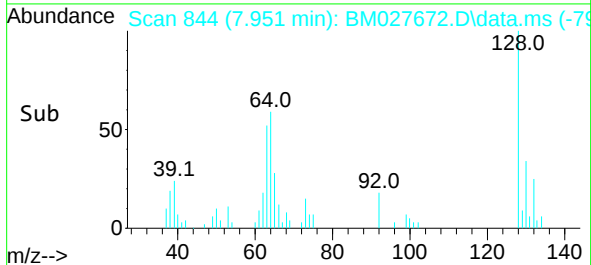
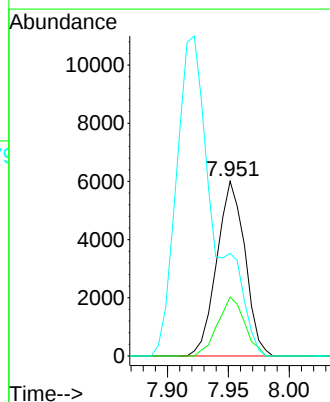
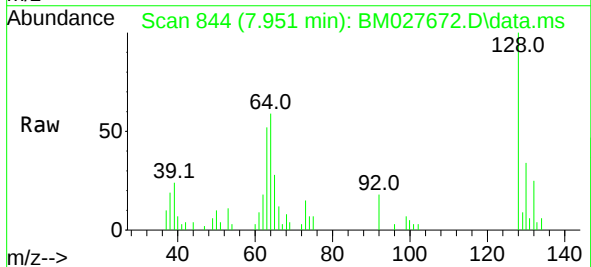
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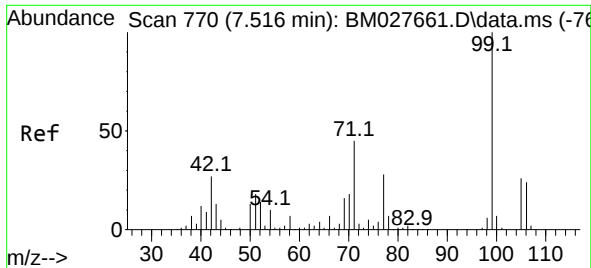
Tgt Ion:	99	Resp:	236215
Ion Ratio	Lower	Upper	
99	100		
42	31.0	13.5	20.3#
71	49.6	39.4	59.0



#8
2-Chlorophenol
Concen: 8.19 ng
RT: 7.951 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	128	Resp:	9678
Ion Ratio	Lower	Upper	
128	100		
130	33.7	11.5	51.5
64	58.7	30.1	70.1

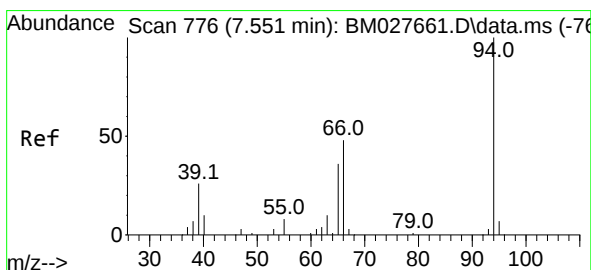
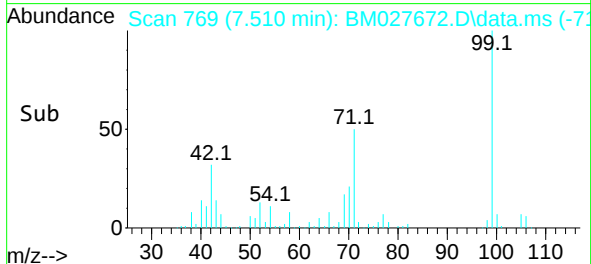
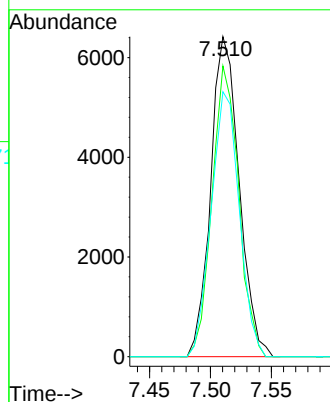
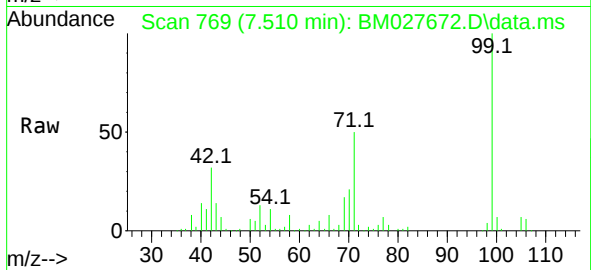




#9
Benzaldehyde
Concen: 12.24 ng
RT: 7.510 min Scan# 769
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

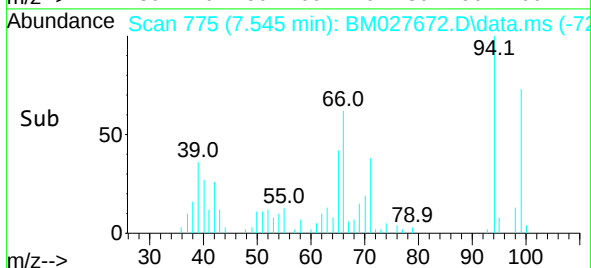
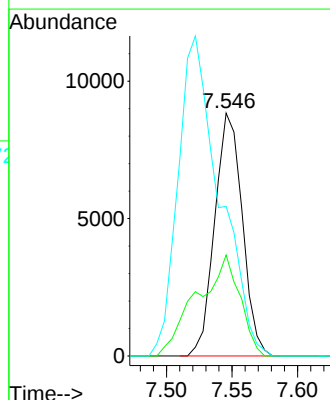
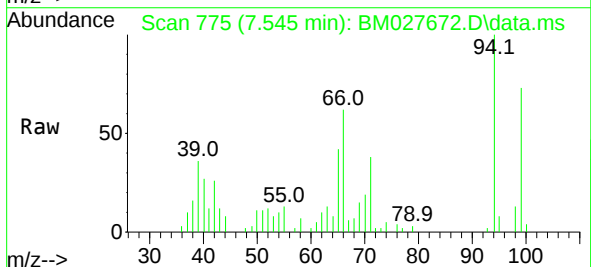
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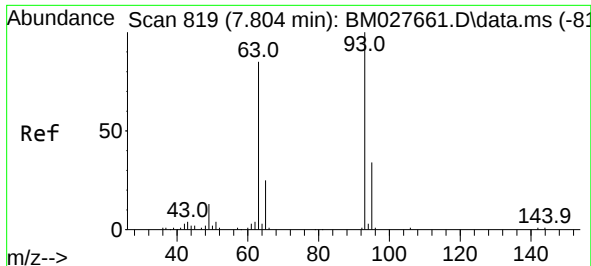
Tgt Ion:	77	Resp:	10426
Ion Ratio	Lower	Upper	
77	100		
105	90.9	64.7	104.7
106	82.8	57.5	97.5



#10
Phenol
Concen: 8.26 ng
RT: 7.545 min Scan# 775
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

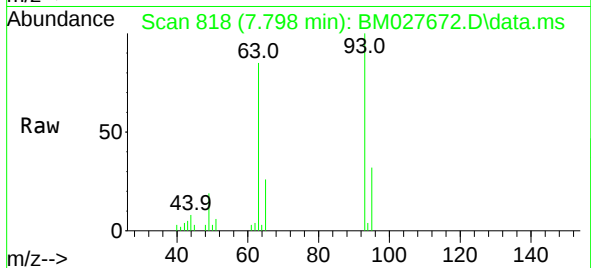
Tgt Ion:	94	Resp:	12921
Ion Ratio	Lower	Upper	
94	100		
65	41.6	16.4	56.4
66	61.6	30.2	70.2



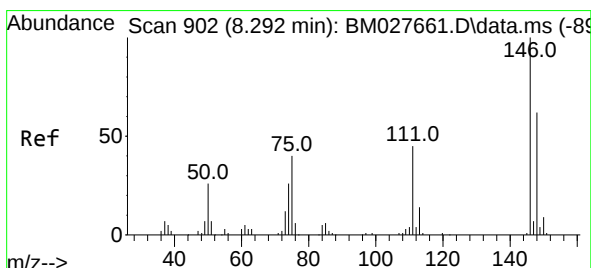
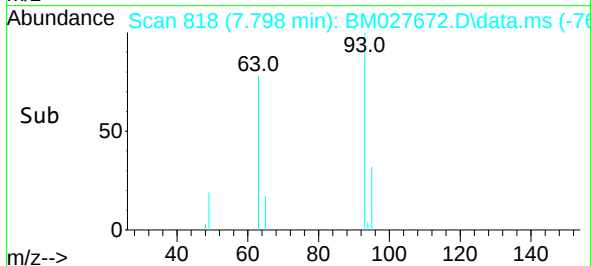
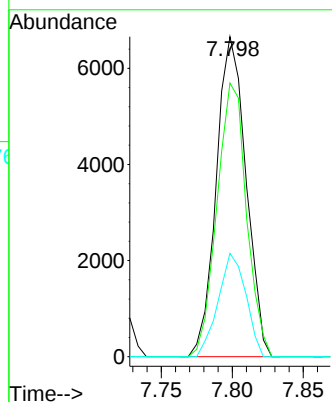


#11
bis(2-Chloroethyl)ether
Concen: 8.08 ng
RT: 7.798 min Scan# 818
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

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

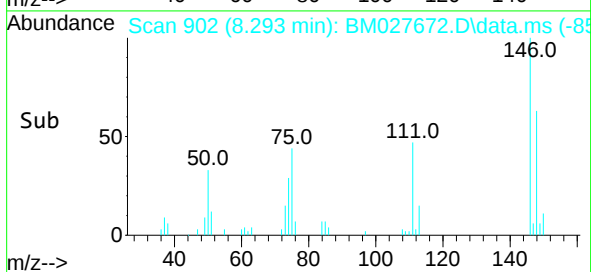
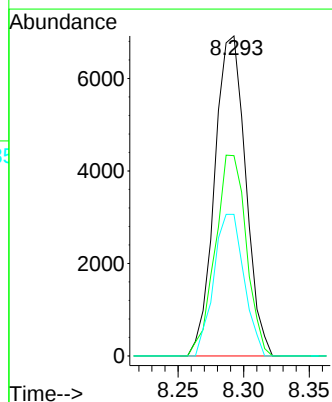
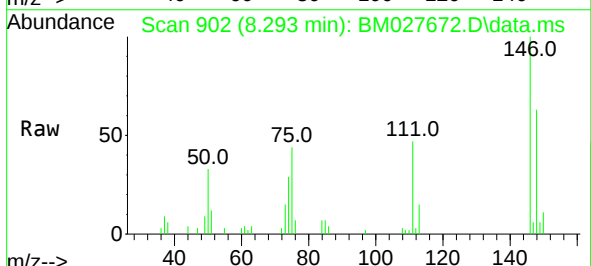


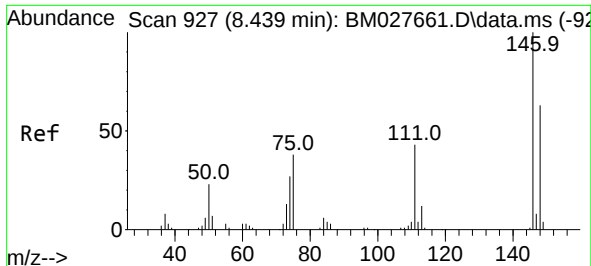
Tgt Ion:	93	Resp:	9705
Ion	Ratio	Lower	Upper
93	100		
63	85.5	53.1	93.1
95	32.3	12.1	52.1



#12
1,3-Dichlorobenzene
Concen: 7.89 ng
RT: 8.293 min Scan# 902
Delta R.T. 0.001 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	146	Resp:	11372
Ion	Ratio	Lower	Upper
146	100		
148	62.6	51.6	77.4
75	44.2	33.0	49.6

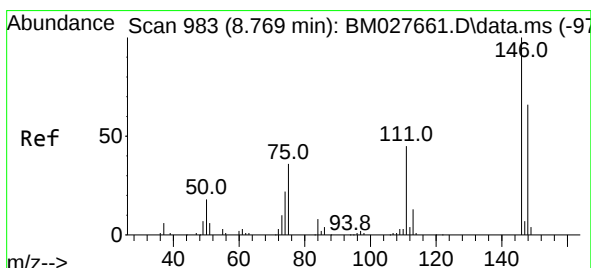
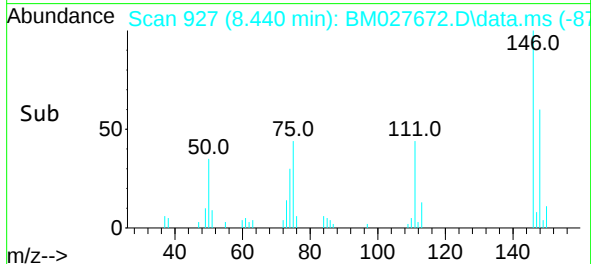
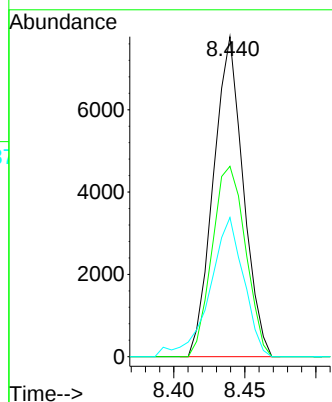
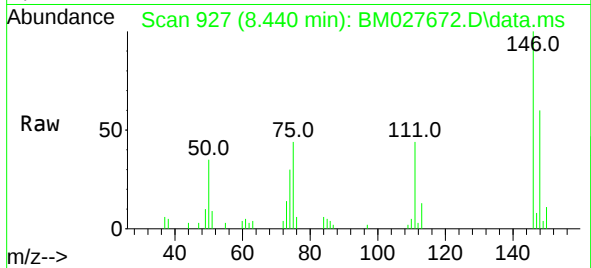




#13
1,4-Dichlorobenzene
Concen: 7.83 ng
RT: 8.440 min Scan# 927
Delta R.T. 0.001 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

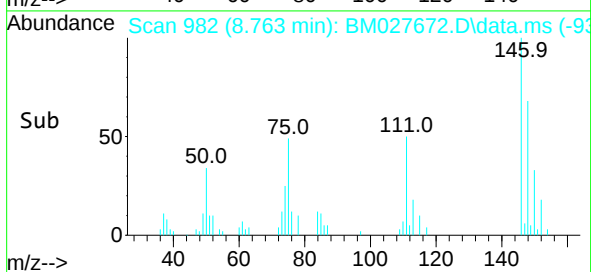
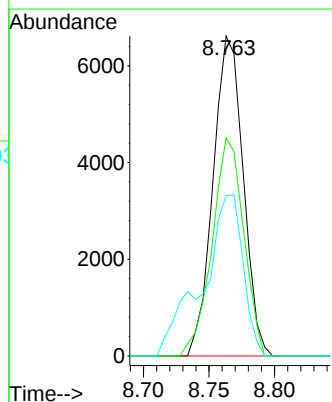
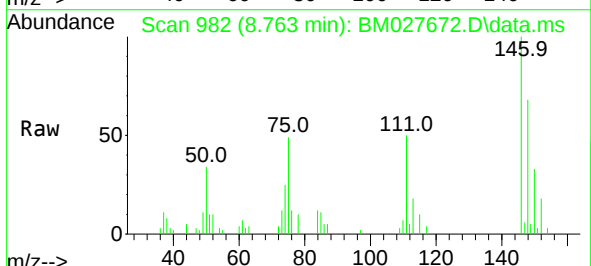
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

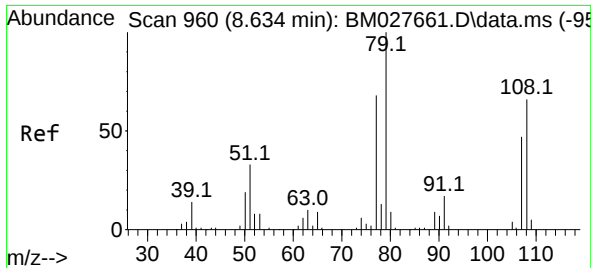
Tgt Ion:146 Resp: 11353
Ion Ratio Lower Upper
146 100
148 59.5 51.4 77.0
111 43.5 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 7.66 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:146 Resp: 10563
Ion Ratio Lower Upper
146 100
148 68.2 51.3 76.9
111 50.2 35.4 53.0

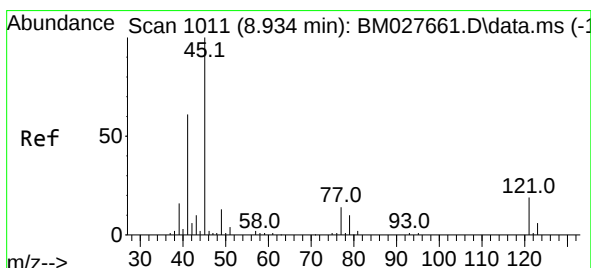
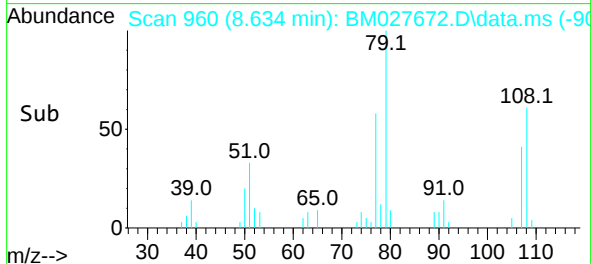
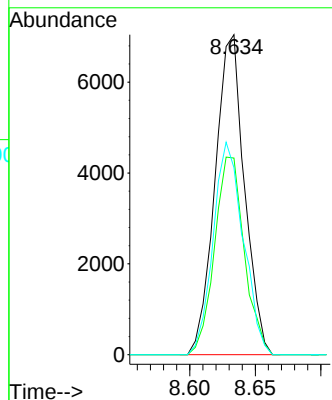
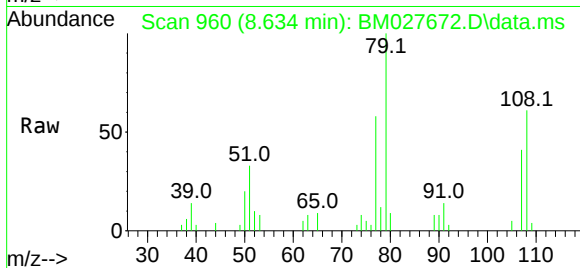




#15
Benzyl Alcohol
Concen: 8.30 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

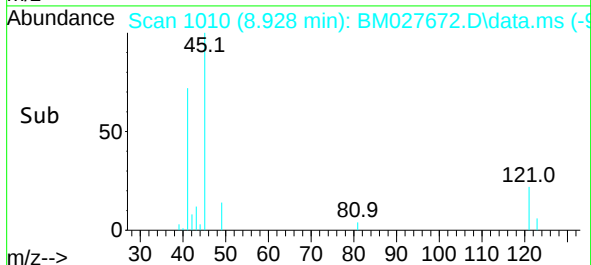
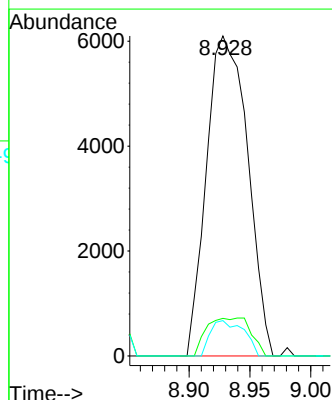
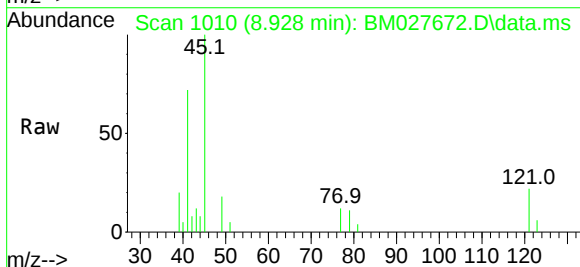
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

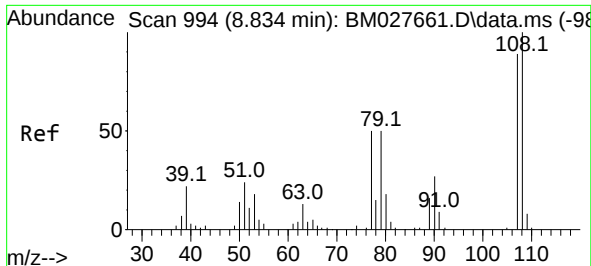
Tgt Ion:	79	Resp:	10990
Ion	Ratio	Lower	Upper
79	100		
108	61.5	49.0	73.4
77	58.5	55.2	82.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.46 ng
RT: 8.928 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	45	Resp:	14329
Ion	Ratio	Lower	Upper
45	100		
77	11.8	9.5	49.5
79	11.0	1.8	41.8

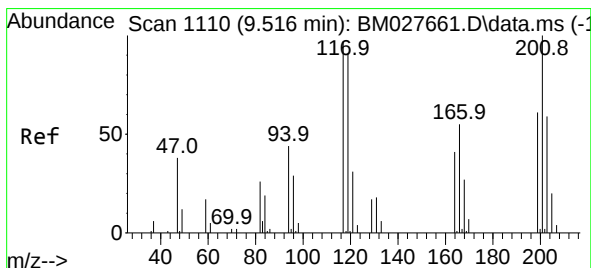
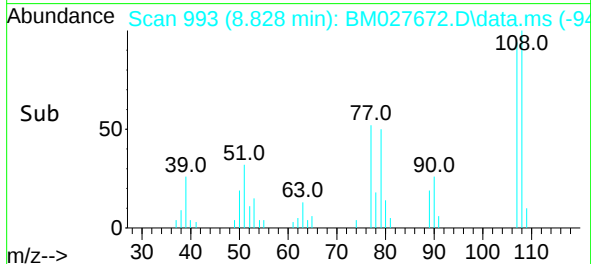
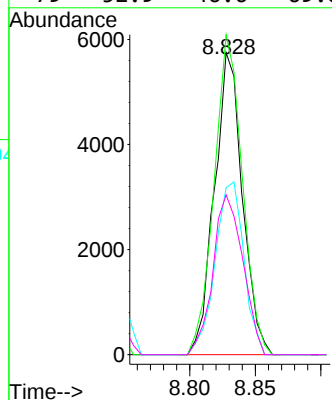
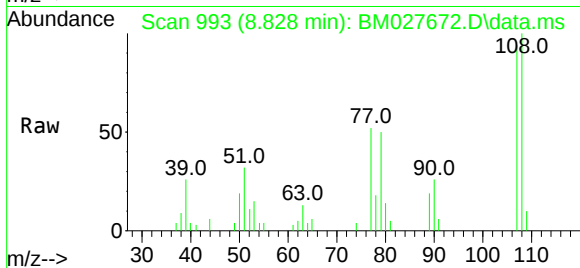




#17
2-Methylphenol
Concen: 8.09 ng
RT: 8.828 min Scan# 993
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

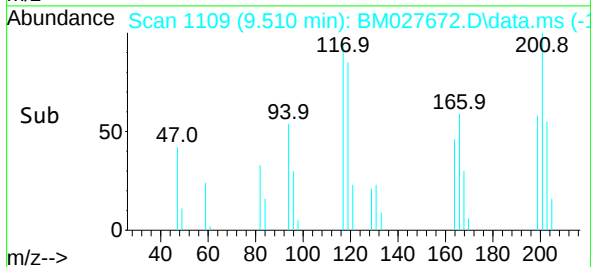
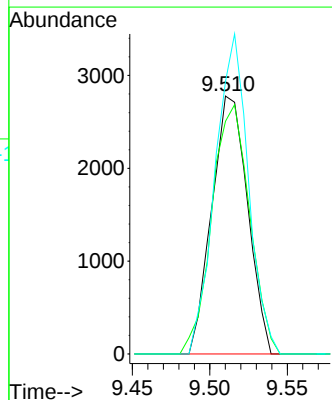
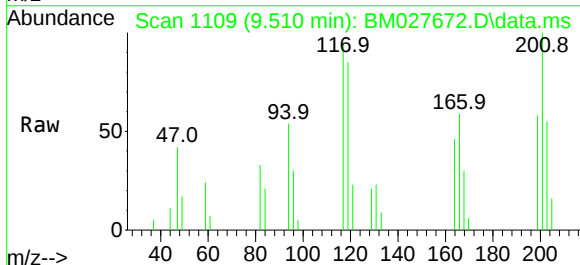
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

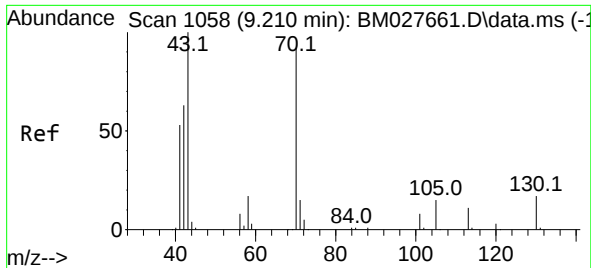
Tgt Ion:	107	Resp:	8510
Ion	Ratio	Lower	Upper
107	100		
108	105.9	87.8	131.6
77	55.2	50.9	76.3
79	52.9	46.6	69.8



#18
Hexachloroethane
Concen: 7.77 ng
RT: 9.510 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	117	Resp:	4458
Ion	Ratio	Lower	Upper
117	100		
119	90.2	73.1	109.7
201	105.5	88.7	133.1

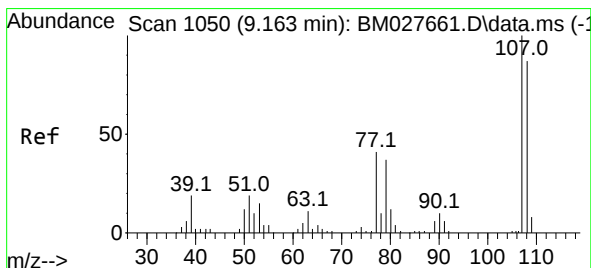
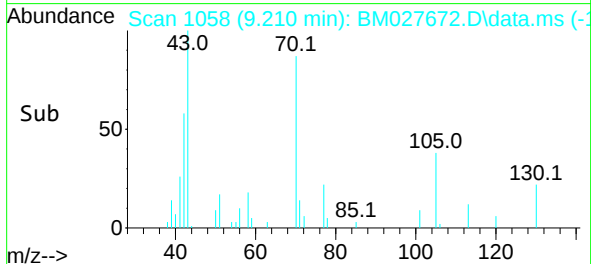
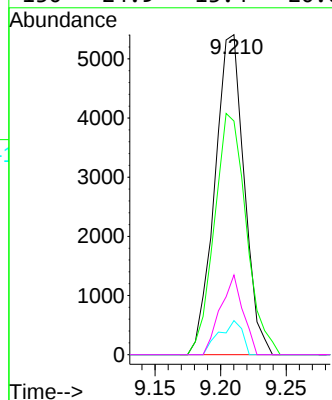
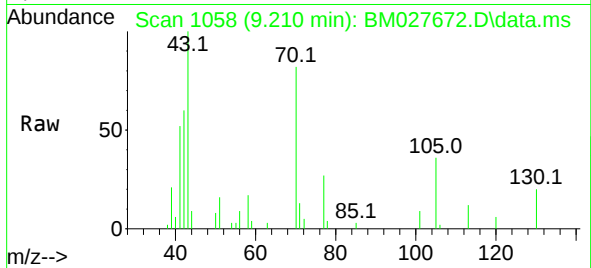




#19
n-Nitroso-di-n-propylamine
Concen: 7.79 ng
RT: 9.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

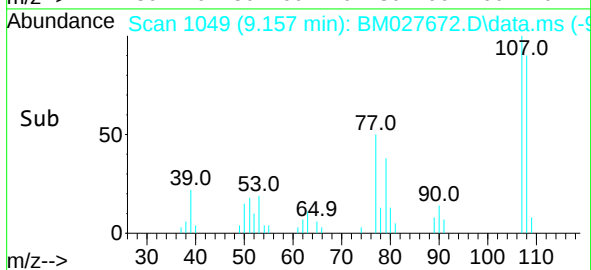
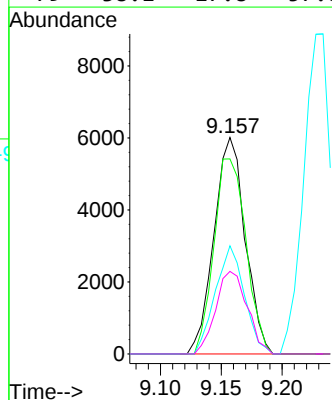
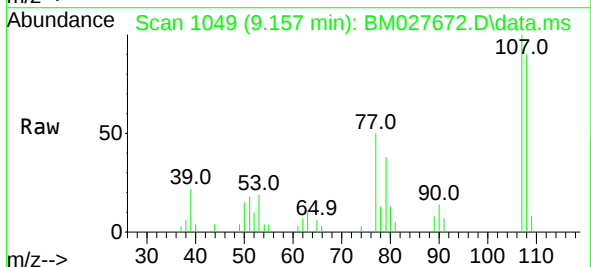
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

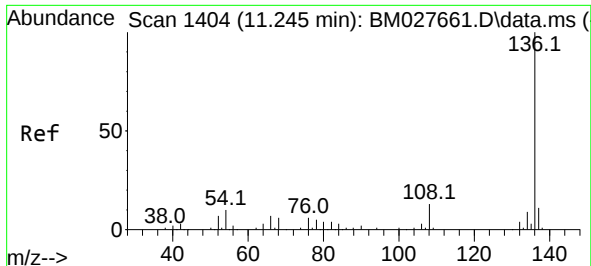
Tgt Ion:	70	Resp:	8433
Ion	Ratio	Lower	Upper
70	100		
42	73.0	31.9	47.9#
101	10.7	7.0	10.4#
130	24.9	13.4	20.0#



#20
3+4-Methylphenols
Concen: 7.66 ng
RT: 9.157 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	107	Resp:	10707
Ion	Ratio	Lower	Upper
107	100		
108	90.1	64.5	104.5
77	50.0	24.2	64.2
79	38.1	17.8	57.8

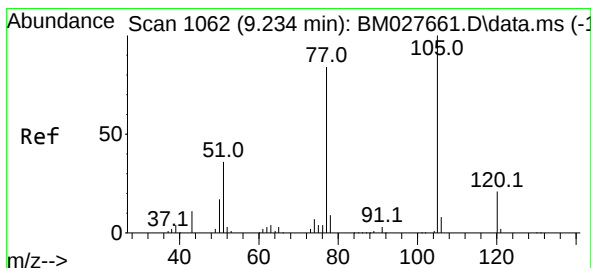
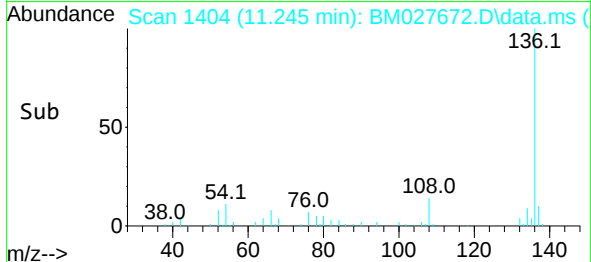
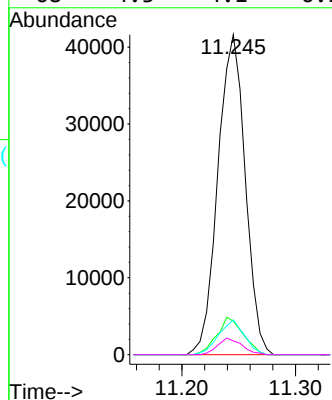
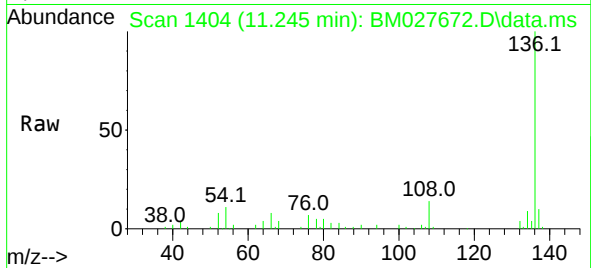




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.245 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

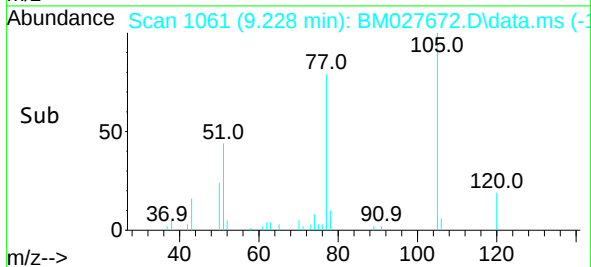
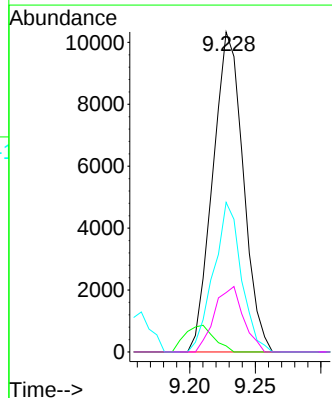
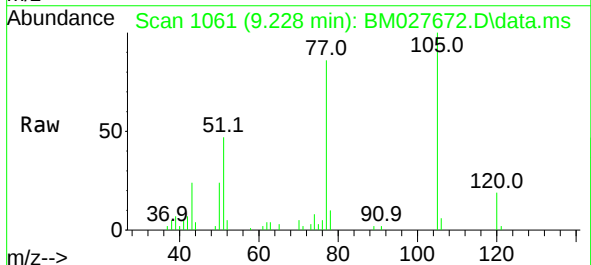
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

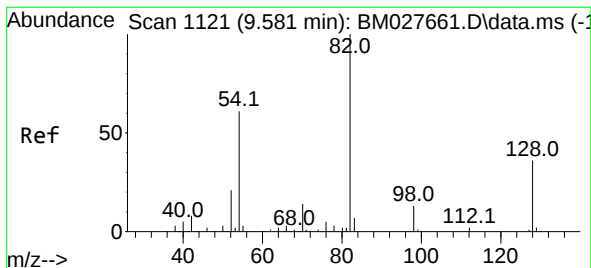
Tgt Ion:	136	Resp:	69511
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	10.9	4.6	7.0#
68	4.3	4.1	6.1



#22
Acetophenone
Concen: 8.44 ng
RT: 9.228 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	105	Resp:	16667
Ion Ratio	Lower	Upper	
105	100		
71	1.9	7.6	11.4#
51	46.7	18.6	28.0#
120	18.6	17.3	25.9

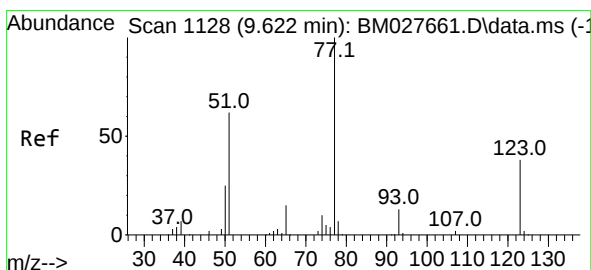
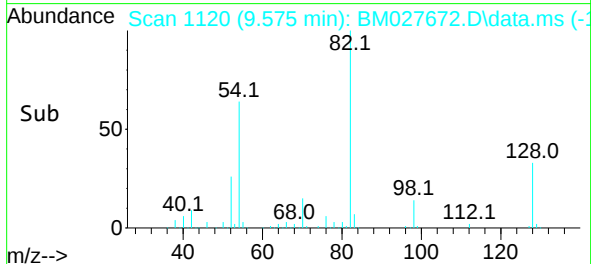
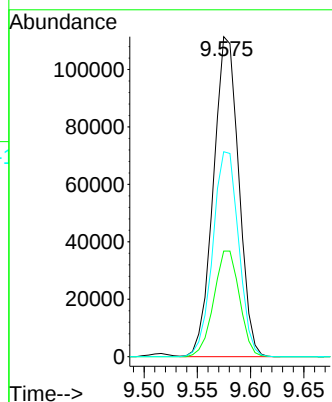
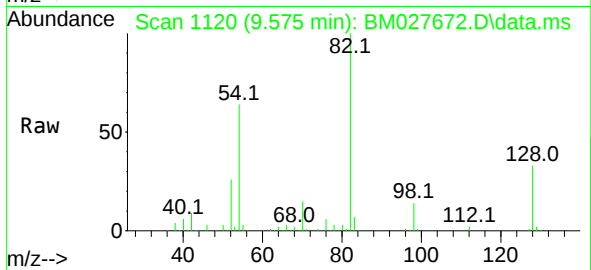




#23
Nitrobenzene-d5
Concen: 121.02 ng
RT: 9.575 min Scan# 1120
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

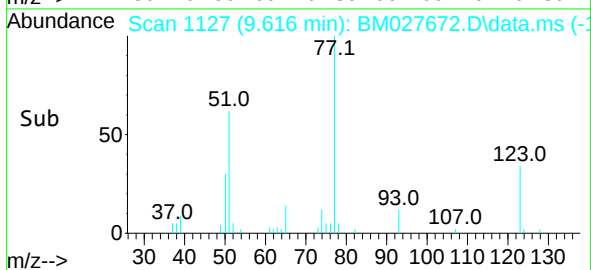
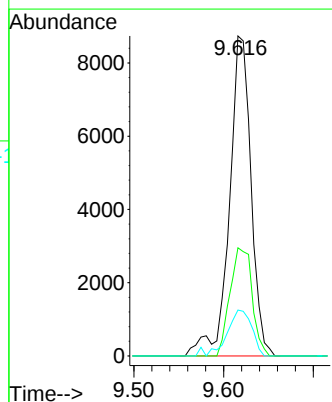
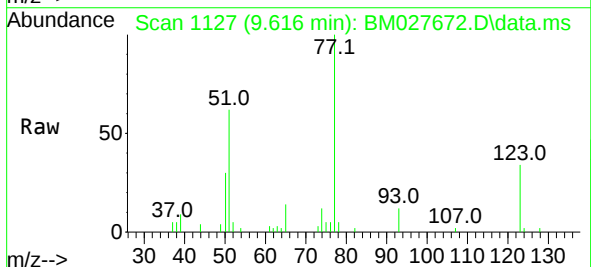
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

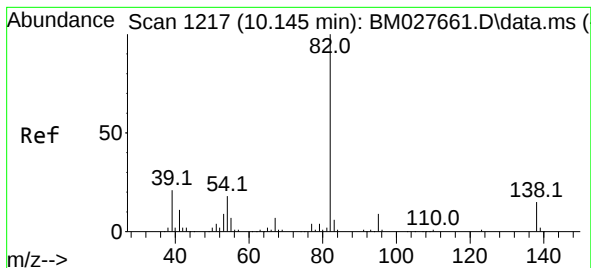
Tgt Ion: 82 Resp: 184405
Ion Ratio Lower Upper
82 100
128 33.0 27.4 41.0
54 64.0 31.4 47.0#



#24
Nitrobenzene
Concen: 9.33 ng
RT: 9.616 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion: 77 Resp: 14622
Ion Ratio Lower Upper
77 100
123 33.8 29.1 43.7
65 14.3 11.3 16.9

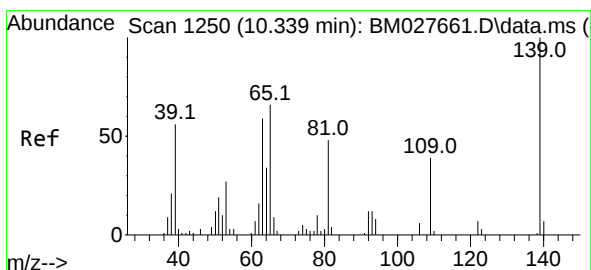
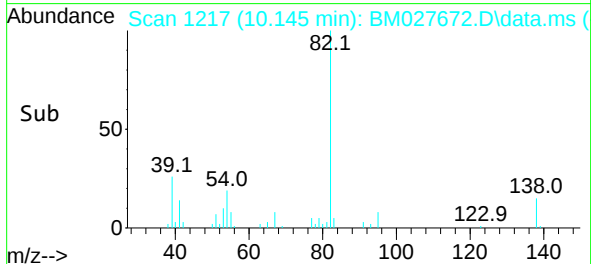
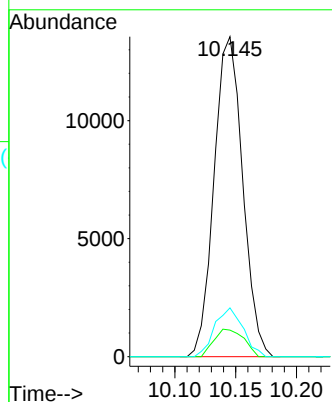
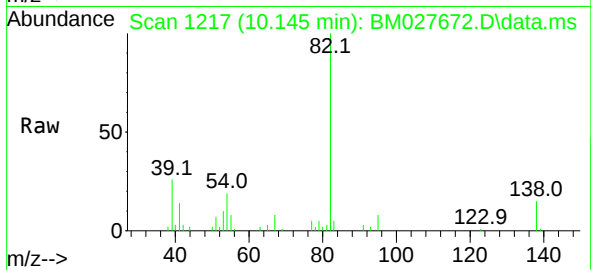




#25
Isophorone
Concen: 8.36 ng
RT: 10.145 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

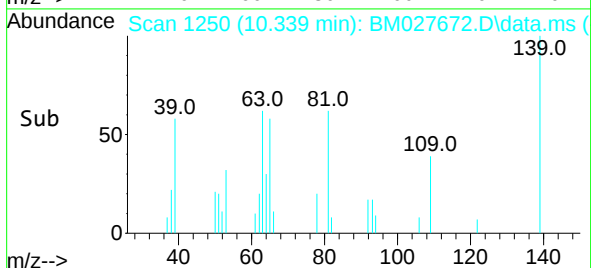
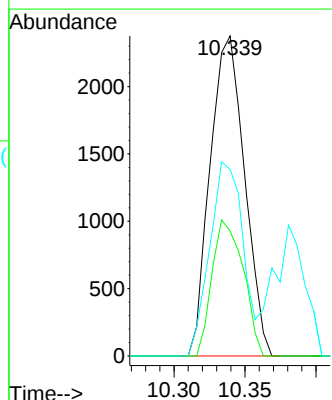
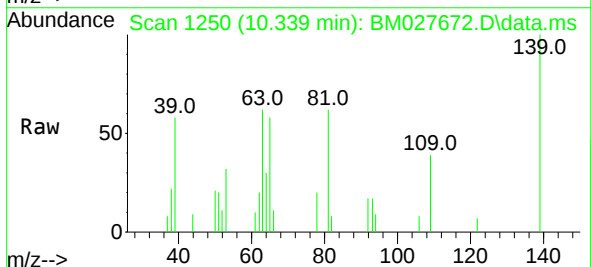
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

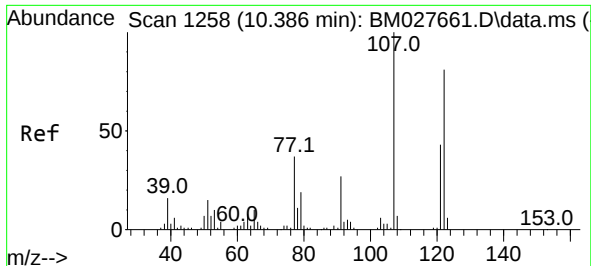
Tgt Ion: 82 Resp: 22106
Ion Ratio Lower Upper
82 100
95 8.3 6.8 10.2
138 15.2 13.1 19.7



#26
2-Nitrophenol
Concen: 7.78 ng
RT: 10.339 min Scan# 1250
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:139 Resp: 4012
Ion Ratio Lower Upper
139 100
109 39.0 33.8 50.8
65 58.3 51.0 76.6

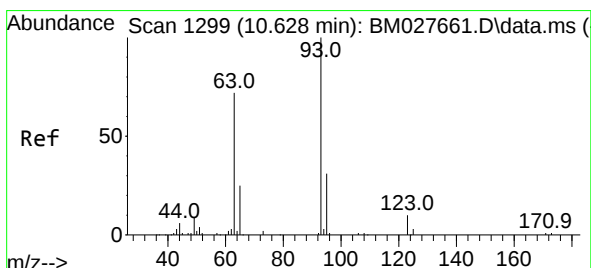
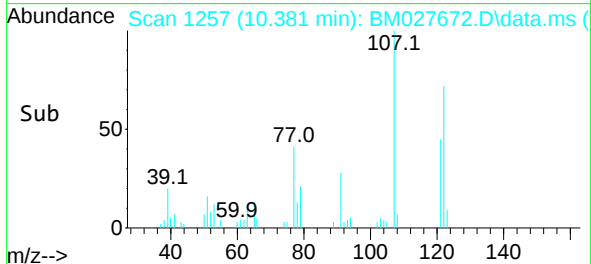
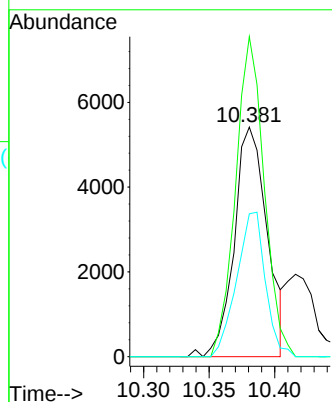
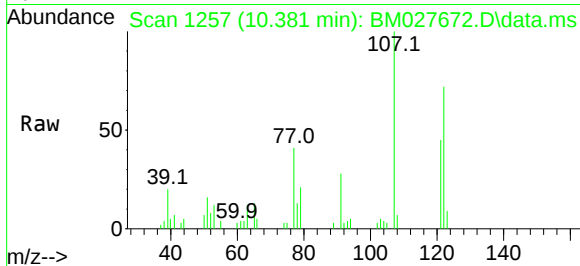




#27
2,4-Dimethylphenol
Concen: 9.35 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.005 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

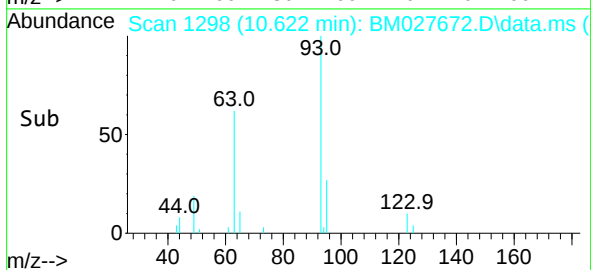
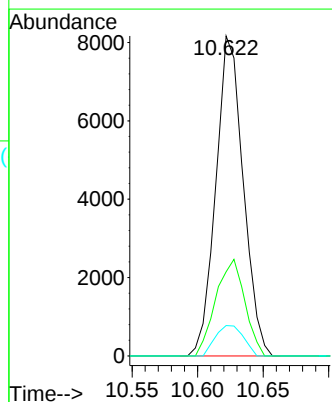
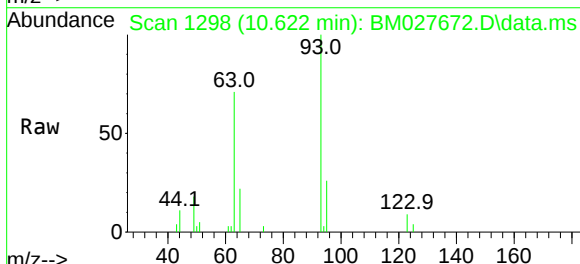
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

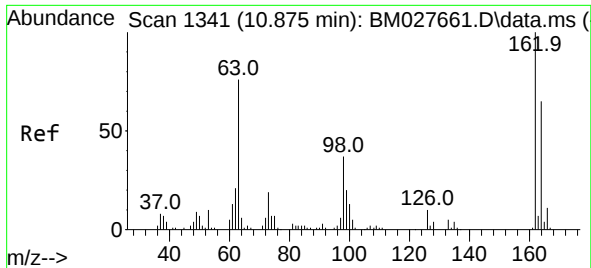
Tgt Ion:122 Resp: 9464
Ion Ratio Lower Upper
122 100
107 139.4 106.6 159.8
121 62.2 48.8 73.2



#28
bis(2-Chloroethoxy)methane
Concen: 7.45 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion: 93 Resp: 11849
Ion Ratio Lower Upper
93 100
95 26.3 26.5 39.7#
123 9.5 8.6 12.8

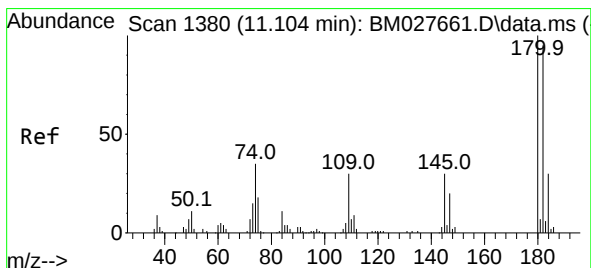
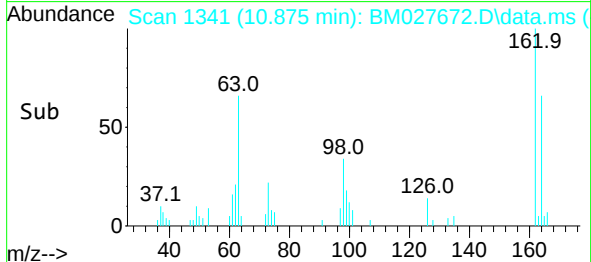
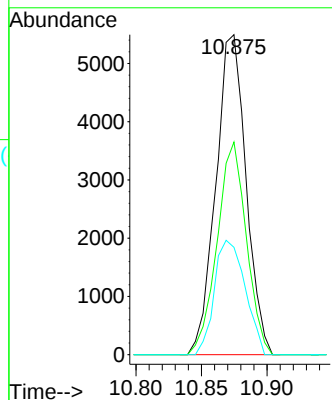
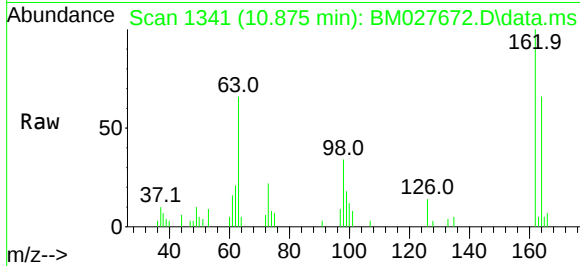




#29
2,4-Dichlorophenol
Concen: 8.03 ng
RT: 10.875 min Scan# 1341
Delta R.T. -0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

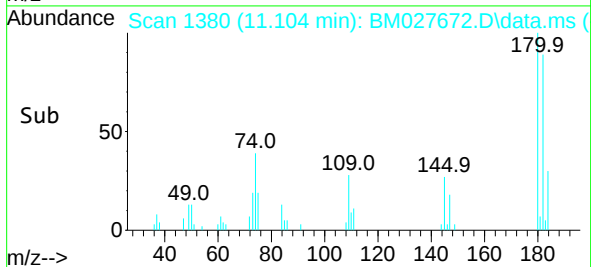
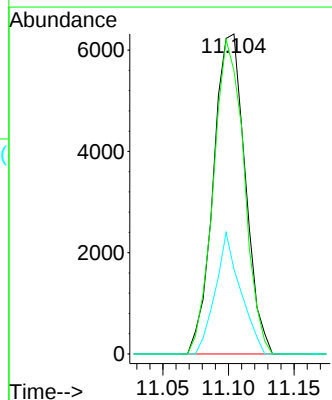
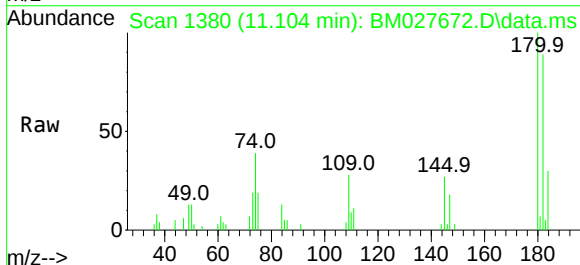
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

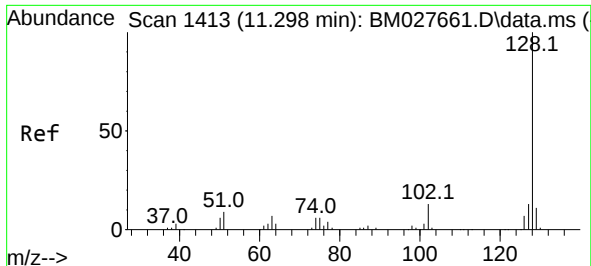
Tgt Ion:	162	Resp:	8796
Ion	Ratio	Lower	Upper
162	100		
164	66.5	43.2	83.2
98	33.5	15.7	55.7



#30
1,2,4-Trichlorobenzene
Concen: 7.97 ng
RT: 11.104 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

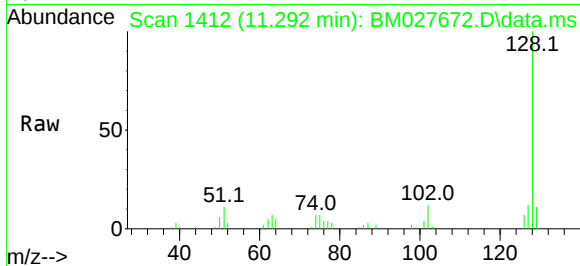
Tgt Ion:	180	Resp:	10629
Ion	Ratio	Lower	Upper
180	100		
182	88.5	77.7	116.5
145	26.5	23.4	35.0



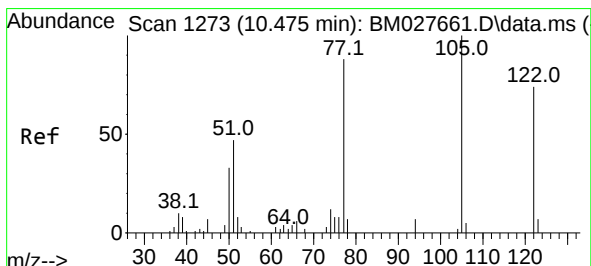
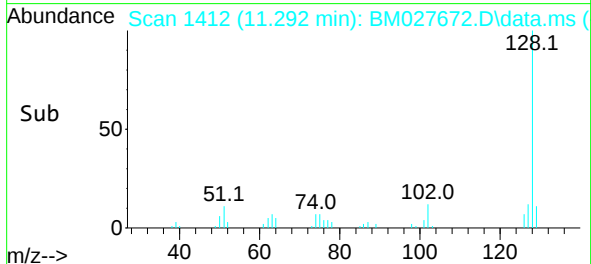
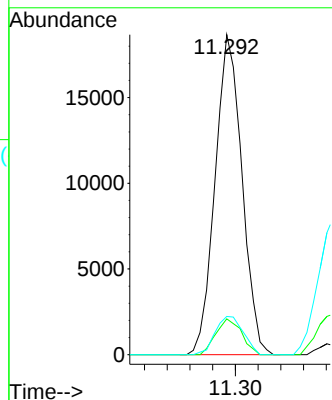


#31
Naphthalene
Concen: 8.35 ng
RT: 11.292 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

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

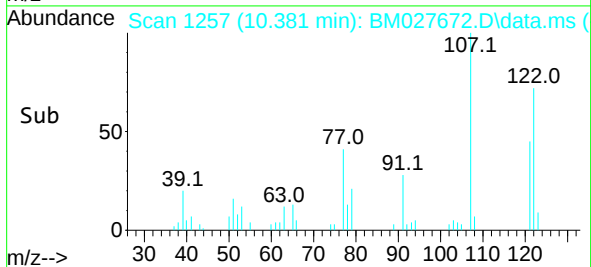
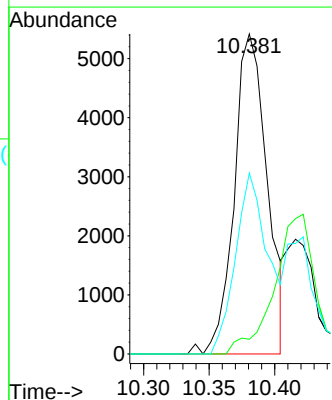
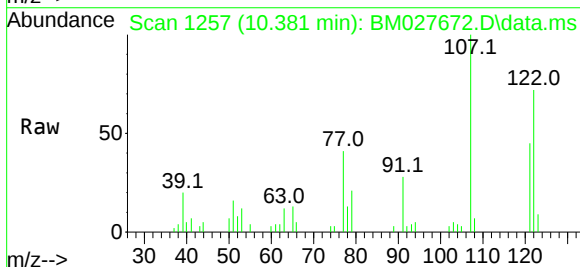


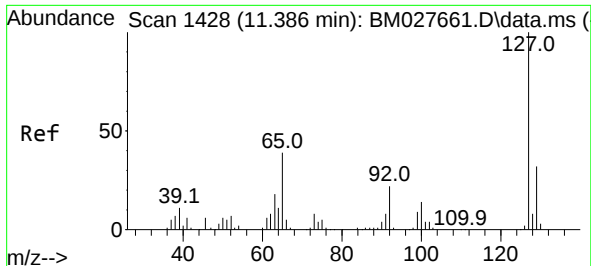
Tgt Ion:128 Resp: 30661
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 12.0 10.6 15.8



#32
Benzoic acid
Concen: 15.89 ng
RT: 10.381 min Scan# 1257
Delta R.T. -0.094 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:122 Resp: 9464
Ion Ratio Lower Upper
122 100
105 4.6 114.0 154.0#
77 56.5 101.8 141.8#

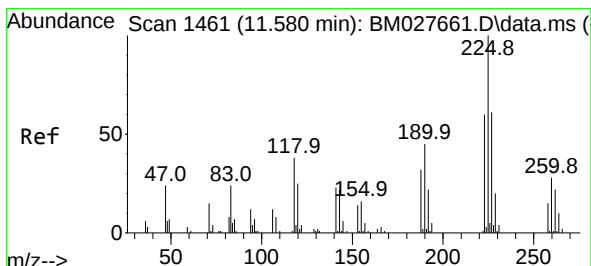
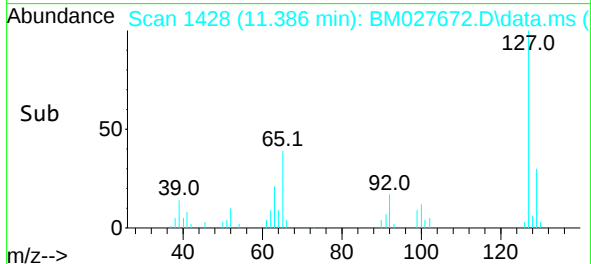
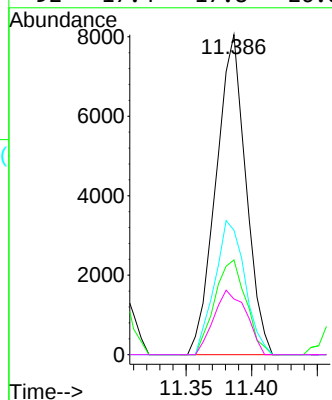
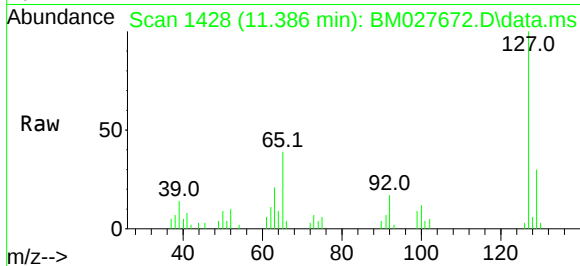




#33
4-Chloroaniline
Concen: 7.89 ng
RT: 11.386 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

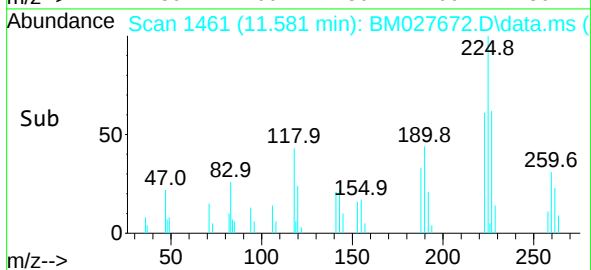
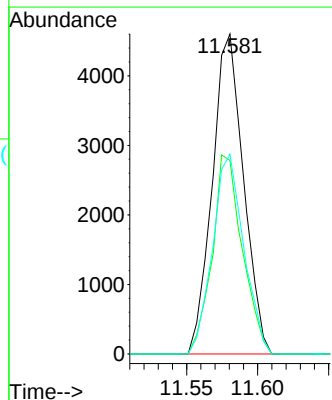
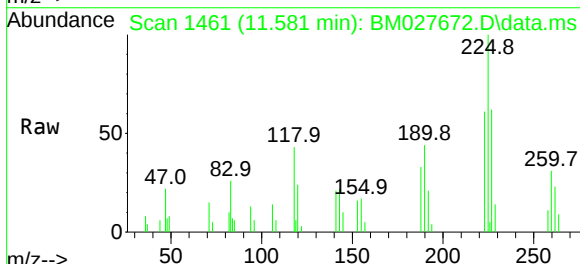
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

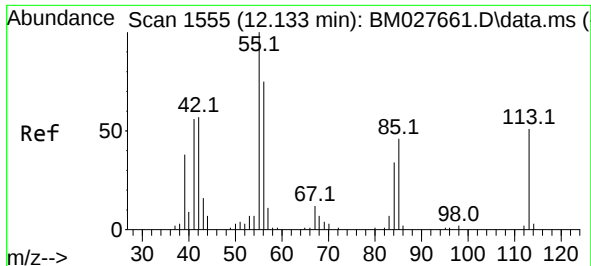
Tgt Ion:	127	Resp:	12747
Ion	Ratio	Lower	Upper
127	100		
129	29.6	24.7	37.1
65	38.9	30.2	45.4
92	17.4	17.8	26.8



#34
Hexachlorobutadiene
Concen: 8.12 ng
RT: 11.581 min Scan# 1461
Delta R.T. 0.001 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	225	Resp:	7024
Ion	Ratio	Lower	Upper
225	100		
223	60.5	51.0	76.4
227	62.4	50.6	75.8

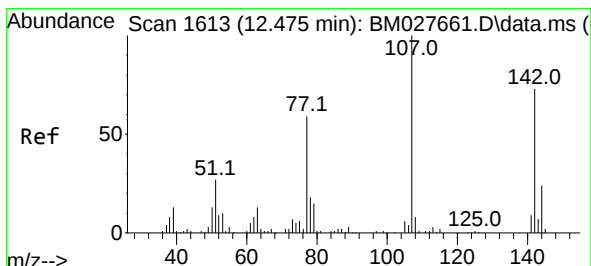
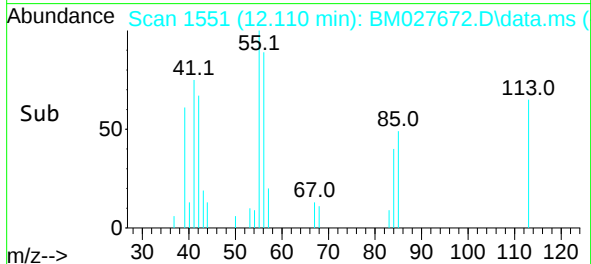
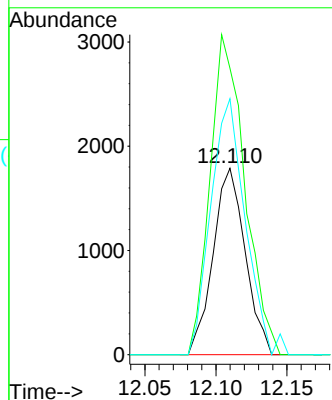
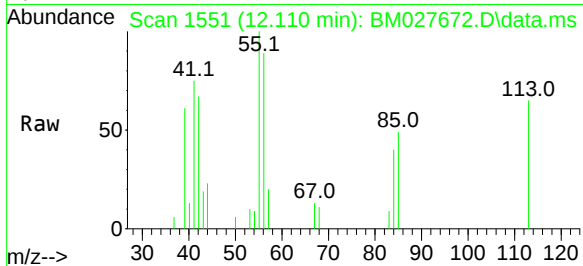




#35
Caprolactam
Concen: 7.71 ng
RT: 12.110 min Scan# 1551
Delta R.T. -0.023 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

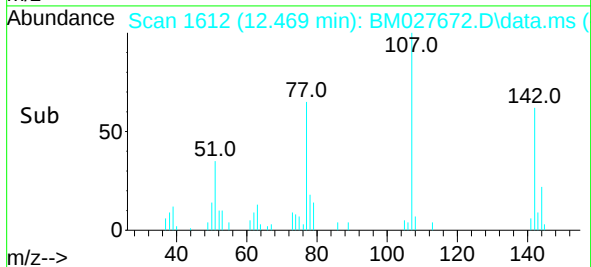
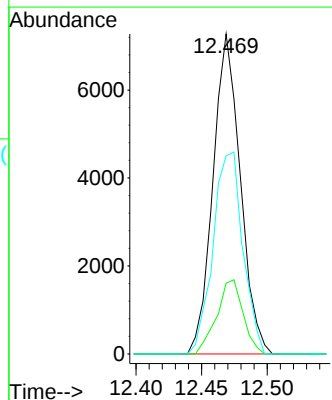
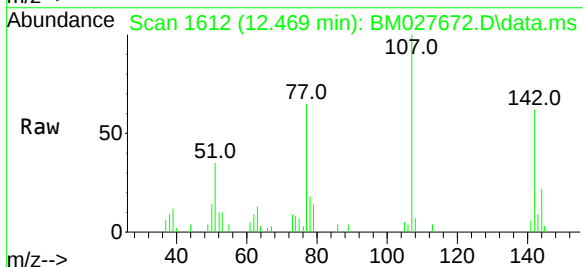
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

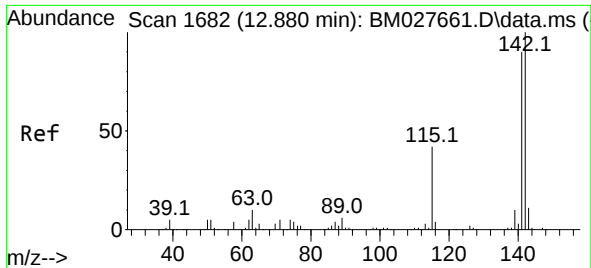
Tgt Ion:113 Resp: 2815
Ion Ratio Lower Upper
113 100
55 153.7 103.2 143.2#
56 137.4 84.2 124.2#



#36
4-Chloro-3-methylphenol
Concen: 8.27 ng
RT: 12.469 min Scan# 1612
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:107 Resp: 10538
Ion Ratio Lower Upper
107 100
144 22.1 20.1 30.1
142 61.9 60.3 90.5

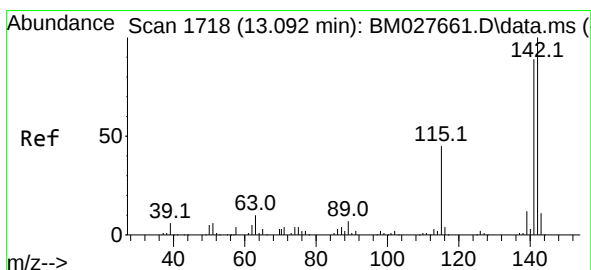
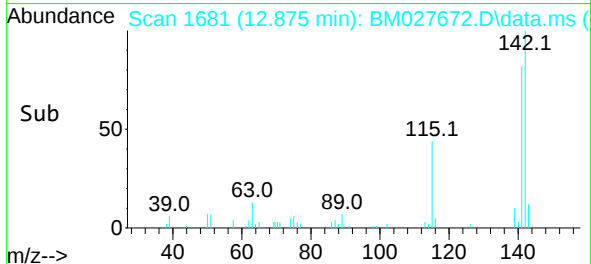
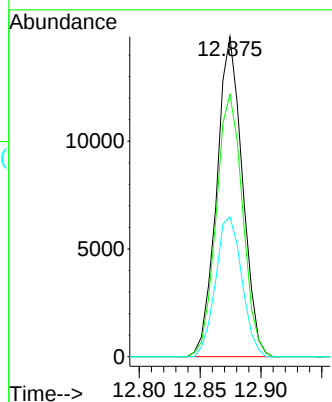
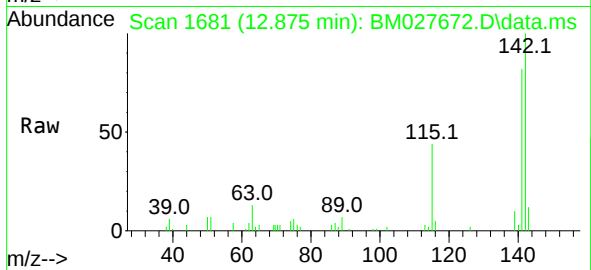




#37
2-Methylnaphthalene
Concen: 8.38 ng
RT: 12.875 min Scan# 1681
Delta R.T. -0.005 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

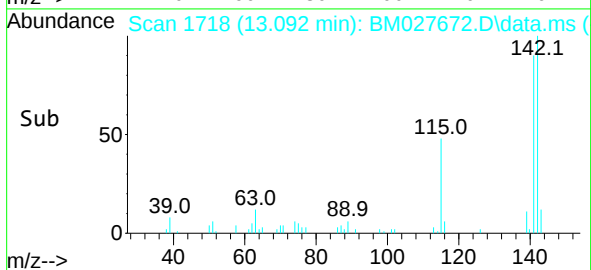
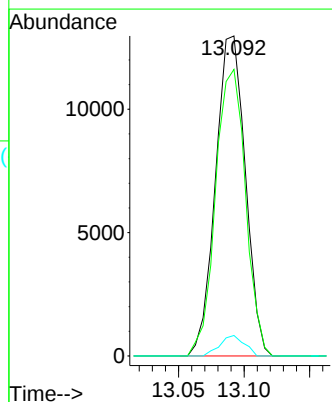
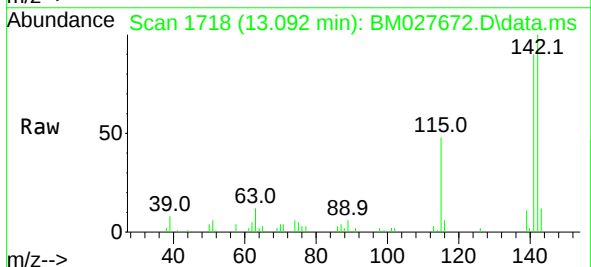
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

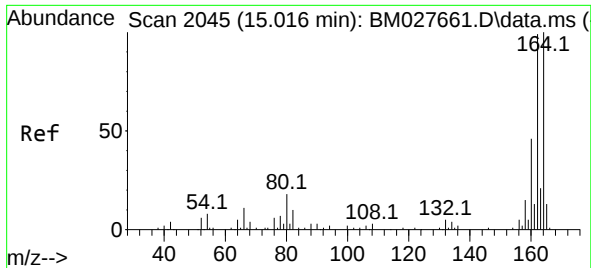
Tgt Ion:142 Resp: 21843
Ion Ratio Lower Upper
142 100
141 82.0 70.3 105.5
115 43.7 32.2 48.4



#38
1-Methylnaphthalene
Concen: 8.31 ng
RT: 13.092 min Scan# 1718
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:142 Resp: 20526
Ion Ratio Lower Upper
142 100
141 89.5 73.8 110.6
116 6.4 3.5 5.3#

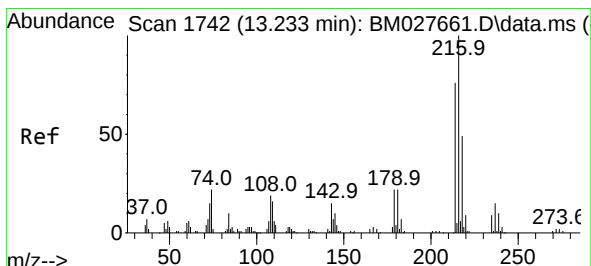
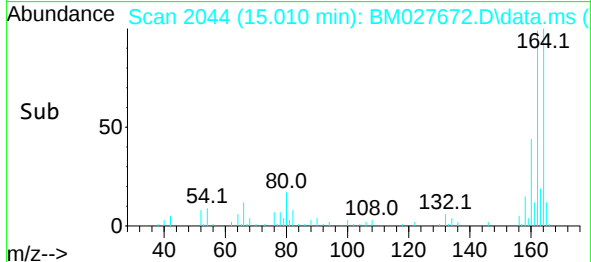
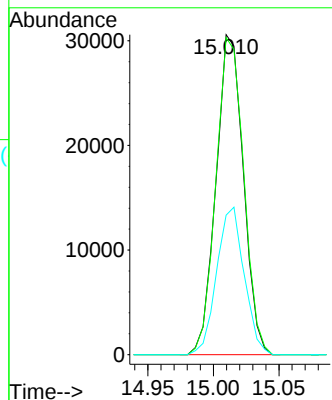
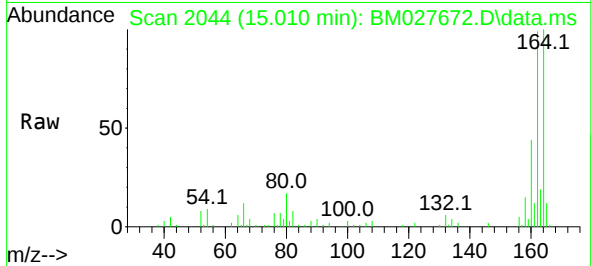




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.010 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

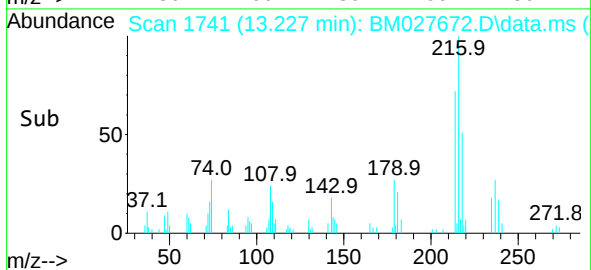
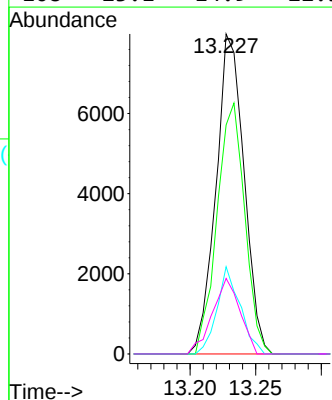
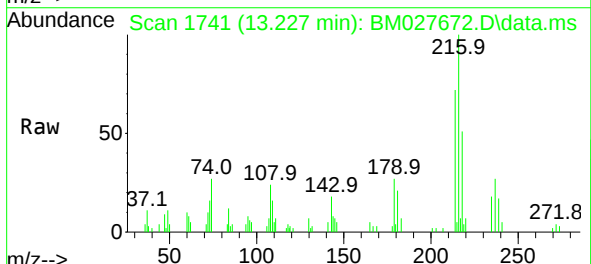
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

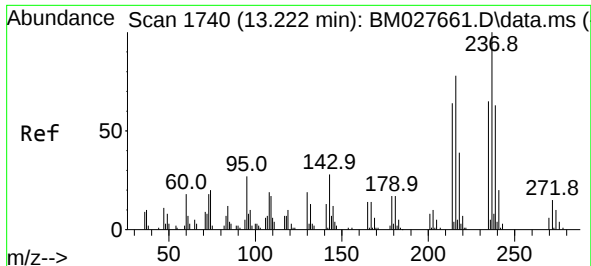
Tgt Ion:164 Resp: 44274
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 43.6 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.48 ng
RT: 13.227 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:216 Resp: 11868
Ion Ratio Lower Upper
216 100
214 77.5 62.1 93.1
179 22.5 17.2 25.8
108 23.1 14.9 22.3#

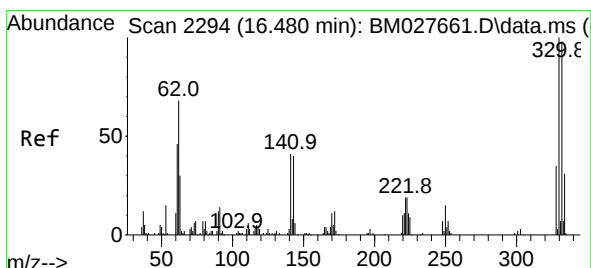
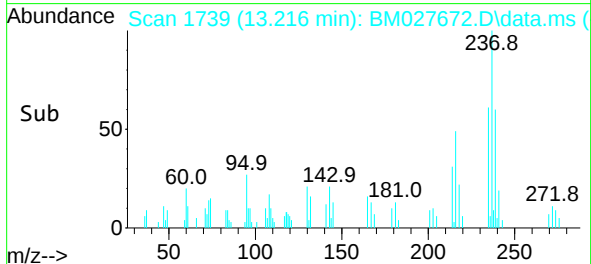
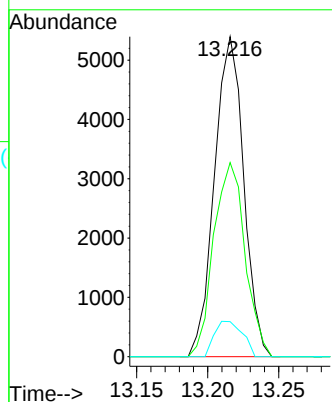
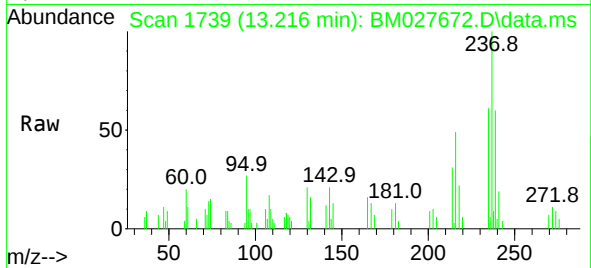




#41
Hexachlorocyclopentadiene
Concen: 10.15 ng
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

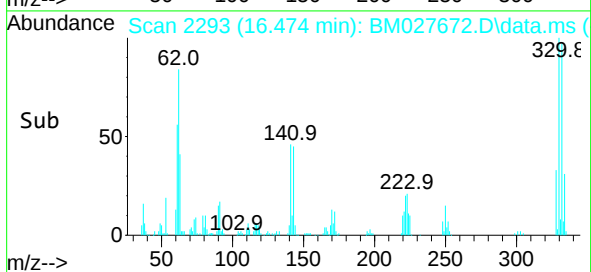
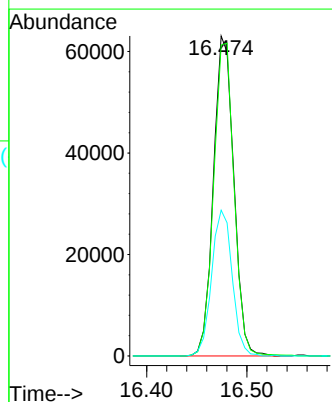
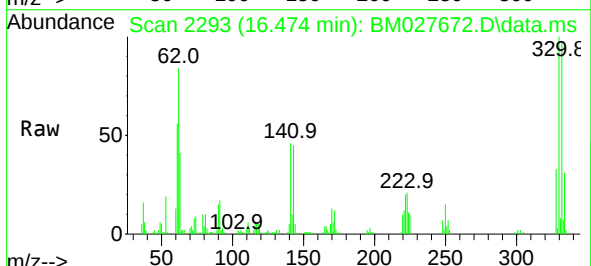
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

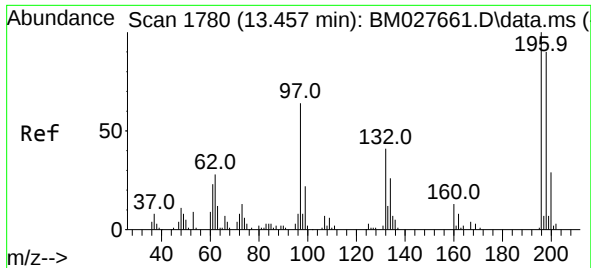
Tgt Ion:	237	Resp:	7724
Ion Ratio	Lower	Upper	
237	100		
235	60.7	43.1	83.1
272	11.0	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 168.07 ng
RT: 16.474 min Scan# 2293
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	330	Resp:	88856
Ion Ratio	Lower	Upper	
330	100		
332	98.2	77.8	116.8
141	46.0	28.4	42.6#

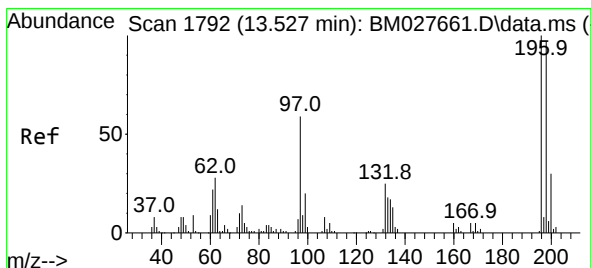
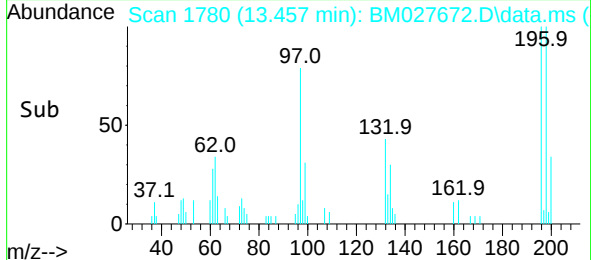
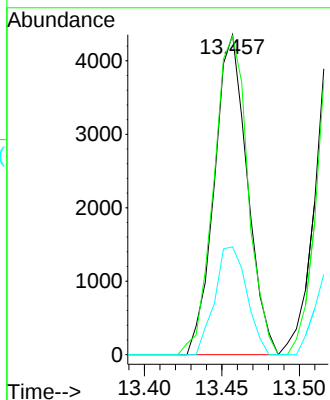
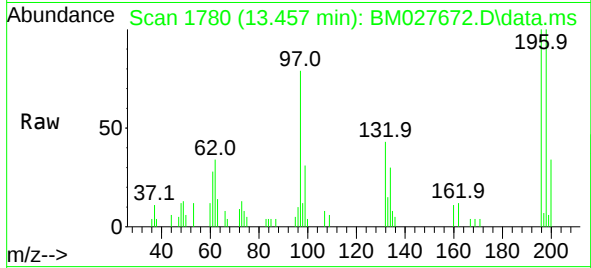




#43
2,4,6-Trichlorophenol
Concen: 7.07 ng
RT: 13.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

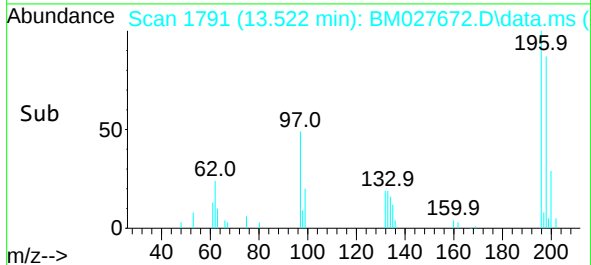
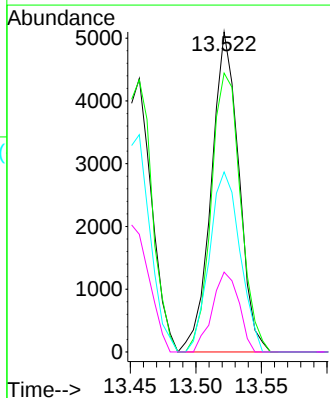
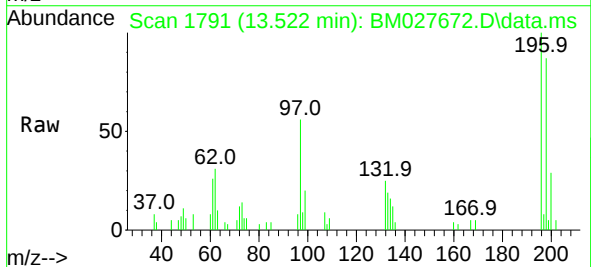
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

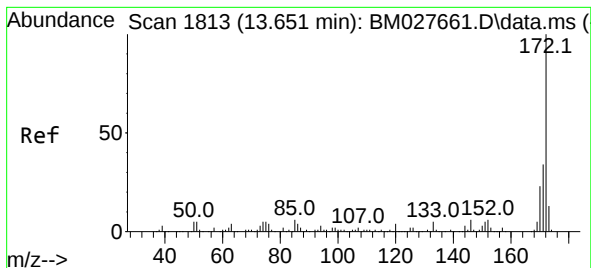
Tgt Ion:196	Resp:	6426
Ion Ratio	Lower	Upper
196	100	
198	99.6	74.9 112.3
200	33.7	23.7 35.5



#44
2,4,5-Trichlorophenol
Concen: 7.65 ng
RT: 13.522 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:196	Resp:	7450
Ion Ratio	Lower	Upper
196	100	
198	87.1	79.0 118.6
97	56.3	40.5 60.7
132	24.9	19.3 28.9

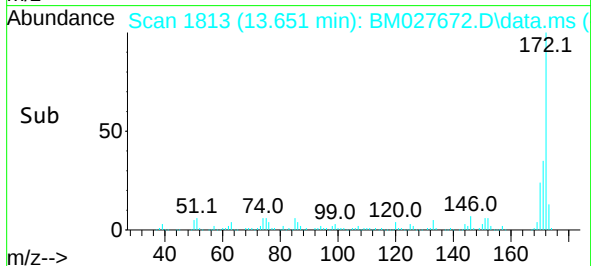
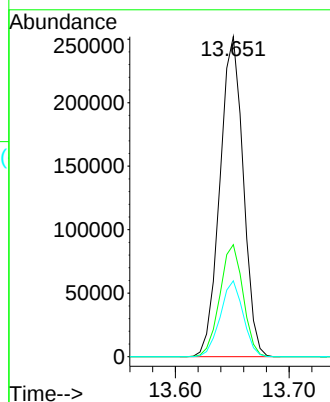
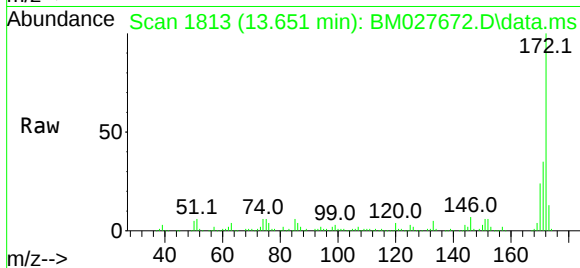




#45
2-Fluorobiphenyl
Concen: 115.96 ng
RT: 13.651 min Scan# 1813
Delta R.T. -0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

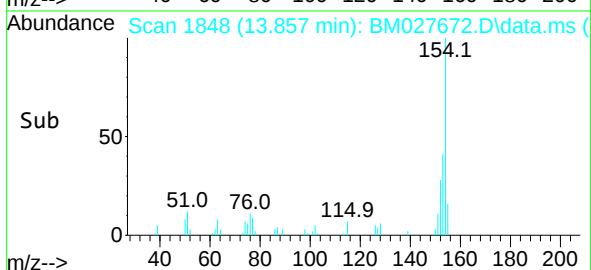
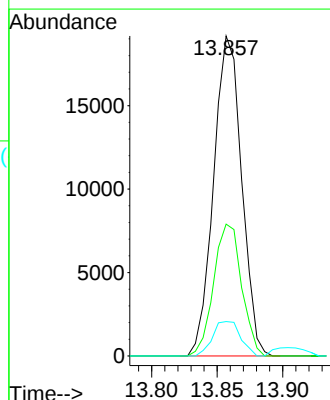
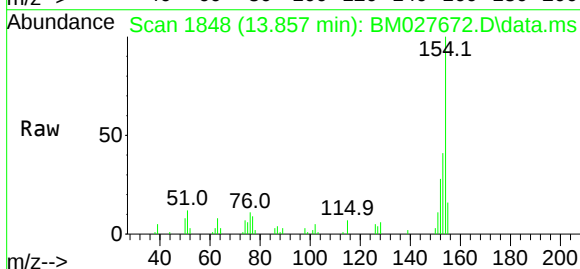
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

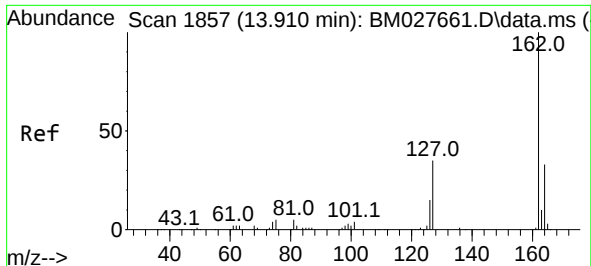
Tgt Ion:	172	Resp:	359807
Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.7	18.6	27.8



#46
1,1'-Biphenyl
Concen: 8.42 ng
RT: 13.857 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	154	Resp:	28473
Ion	Ratio	Lower	Upper
154	100		
153	41.2	20.0	60.0
76	10.7	0.0	32.0

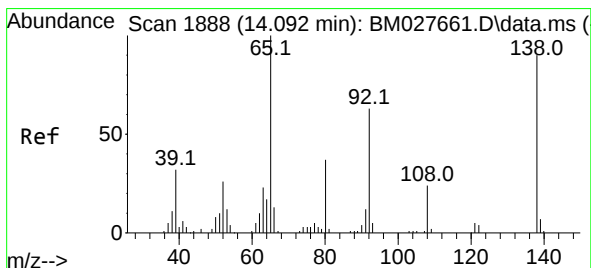
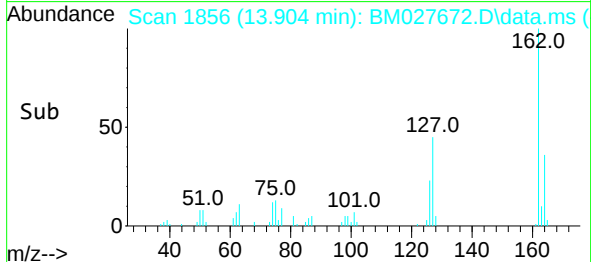
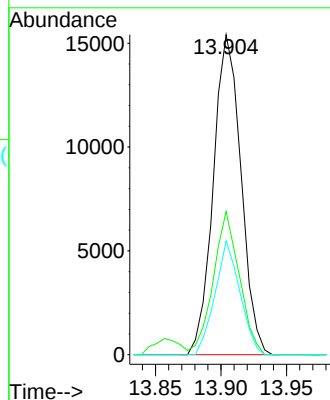
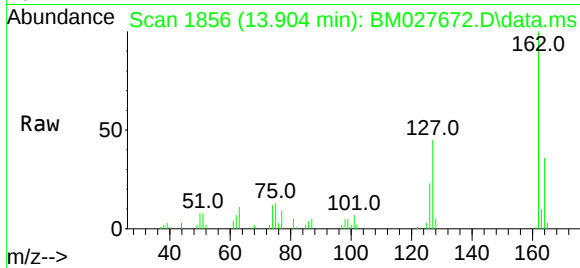




#47
2-Chloronaphthalene
Concen: 8.06 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

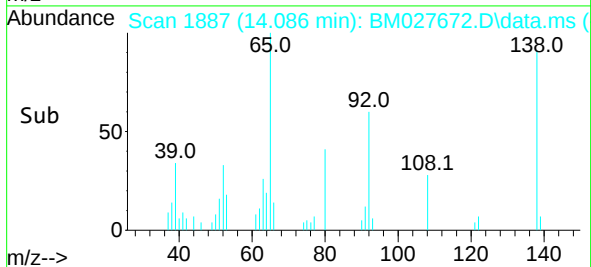
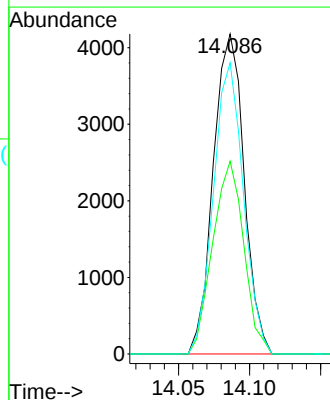
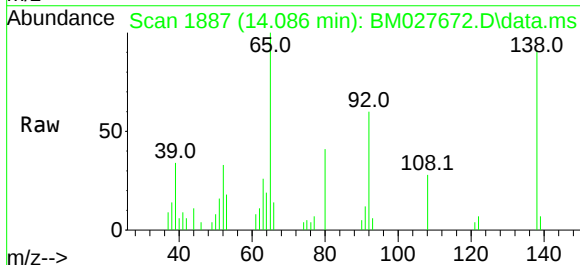
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

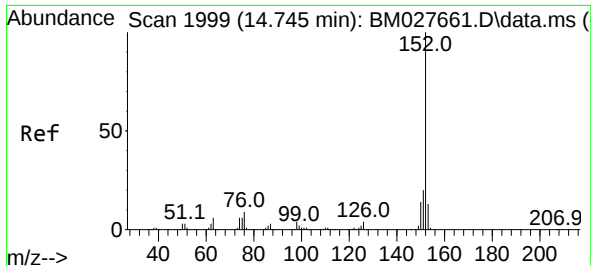
Tgt Ion:	162	Resp:	22596
Ion	Ratio	Lower	Upper
162	100		
127	44.8	29.6	44.4#
164	35.6	26.2	39.4



#48
2-Nitroaniline
Concen: 6.68 ng
RT: 14.086 min Scan# 1887
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	65	Resp:	6303
Ion	Ratio	Lower	Upper
65	100		
92	60.3	51.5	77.3
138	91.0	72.7	109.1

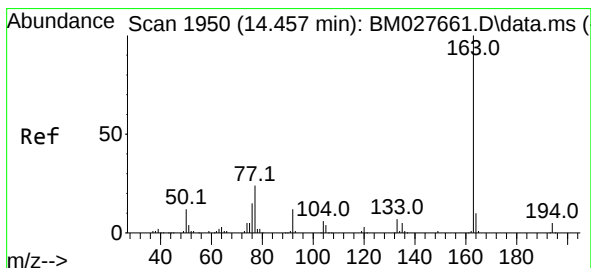
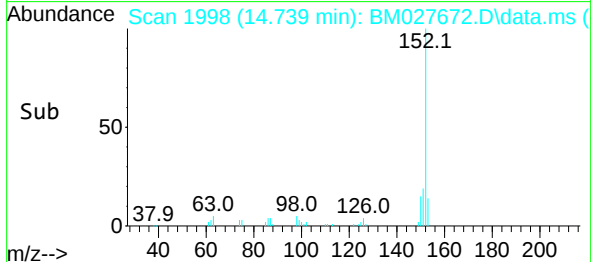
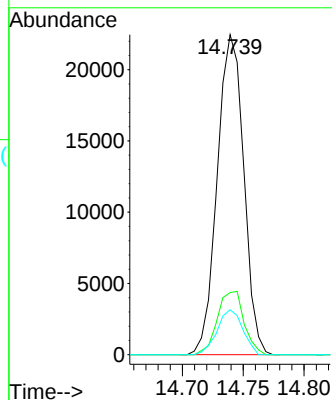
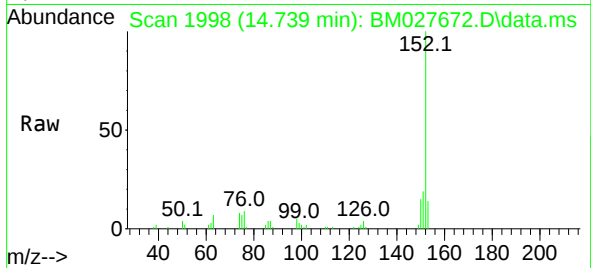




#49
Acenaphthylene
Concen: 8.03 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

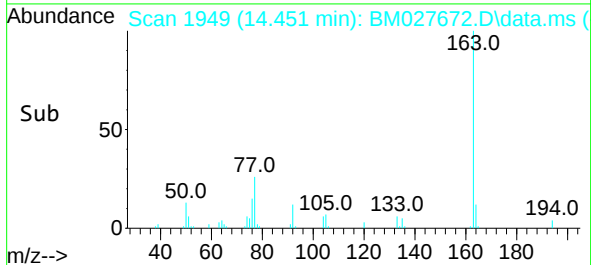
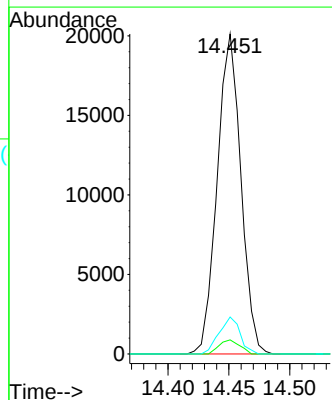
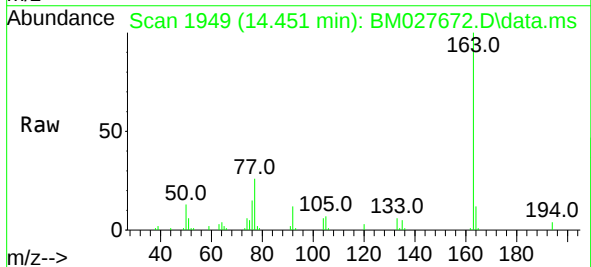
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

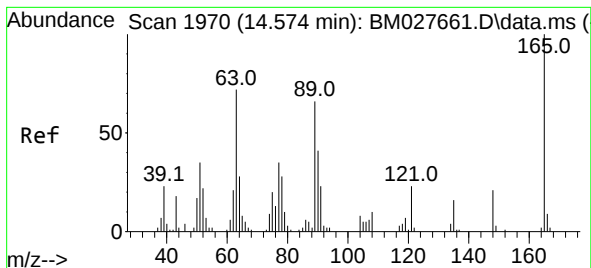
Tgt Ion:152	Resp:	34000
Ion Ratio	Lower	Upper
152	100	
151	19.4	15.8 23.6
153	14.1	10.4 15.6



#50
Dimethylphthalate
Concen: 7.68 ng
RT: 14.451 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:163	Resp:	27252
Ion Ratio	Lower	Upper
163	100	
194	4.4	3.4 5.2
164	11.6	8.1 12.1

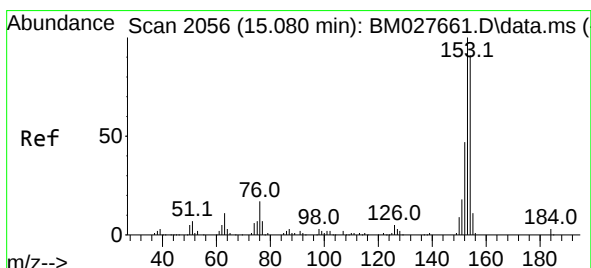
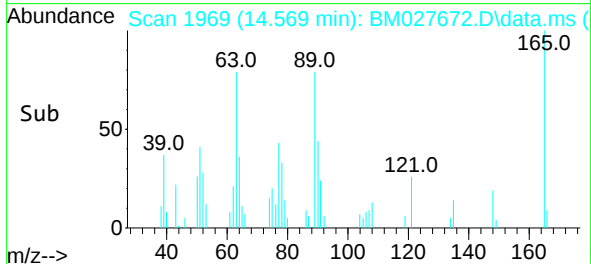
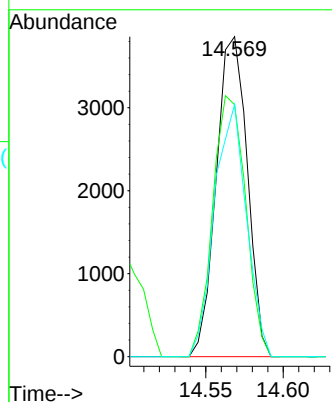
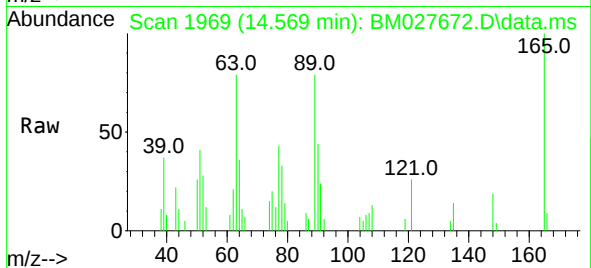




#51
2,6-Dinitrotoluene
Concen: 7.71 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.005 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

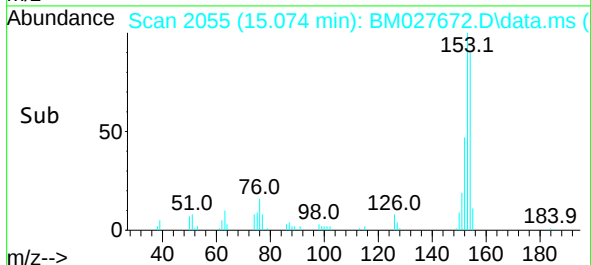
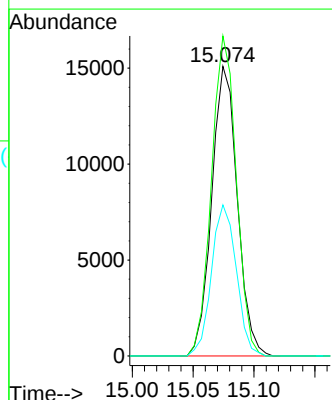
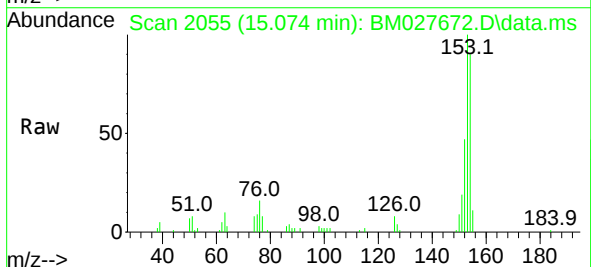
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

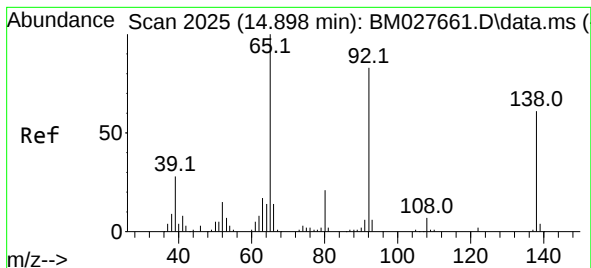
Tgt Ion:165 Resp: 5372
Ion Ratio Lower Upper
165 100
63 78.7 51.1 76.7#
89 78.9 53.3 79.9



#52
Acenaphthene
Concen: 7.96 ng
RT: 15.074 min Scan# 2055
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:154 Resp: 22076
Ion Ratio Lower Upper
154 100
153 110.5 88.3 132.5
152 52.2 41.4 62.2

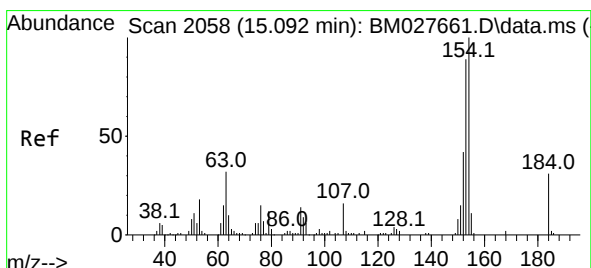
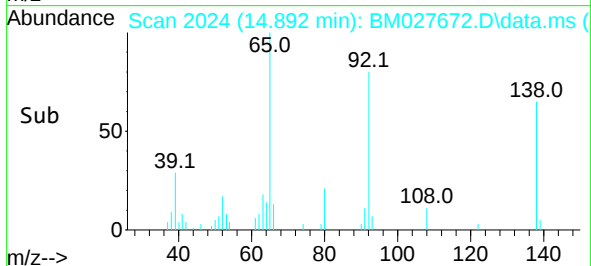
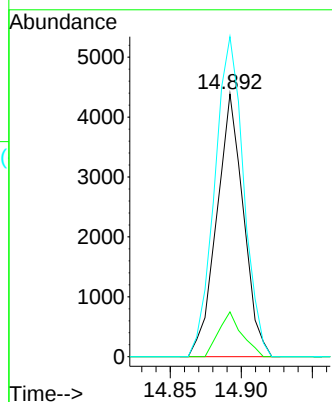
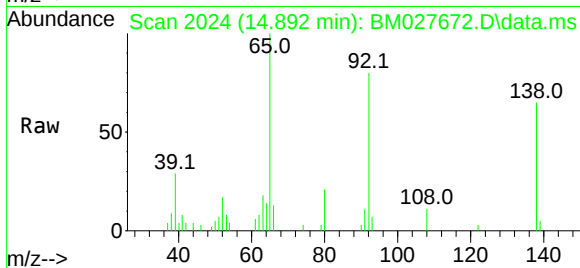




#53
3-Nitroaniline
Concen: 7.26 ng
RT: 14.892 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

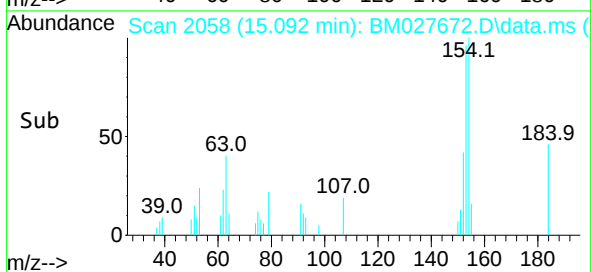
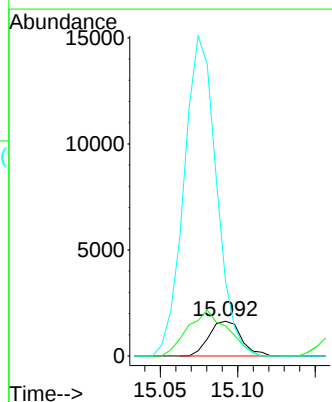
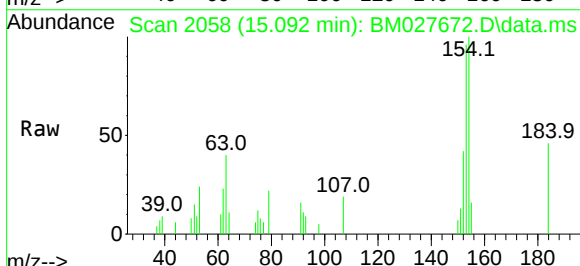
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

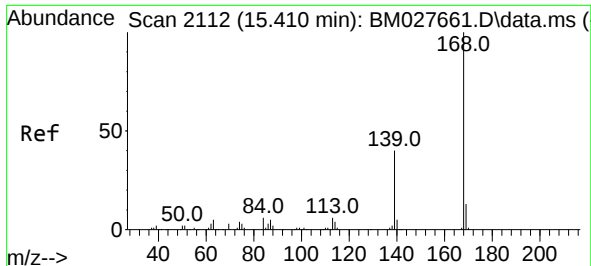
Tgt Ion:138 Resp: 5740
Ion Ratio Lower Upper
138 100
108 17.1 8.6 13.0#
92 121.8 102.1 153.1



#54
2,4-Dinitrophenol
Concen: 8.05 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:184 Resp: 2369
Ion Ratio Lower Upper
184 100
63 86.7 60.2 90.2
154 215.9 52.9 79.3#

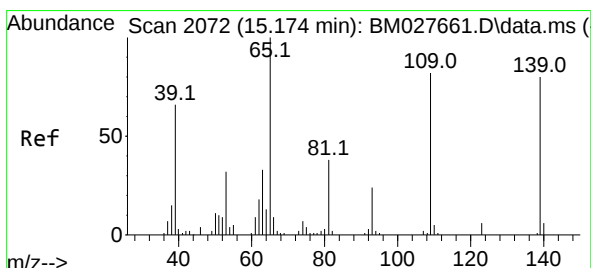
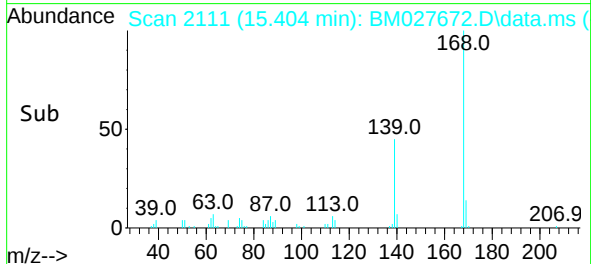
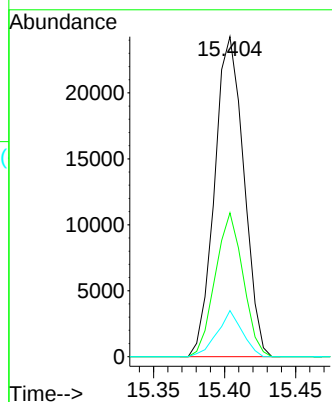
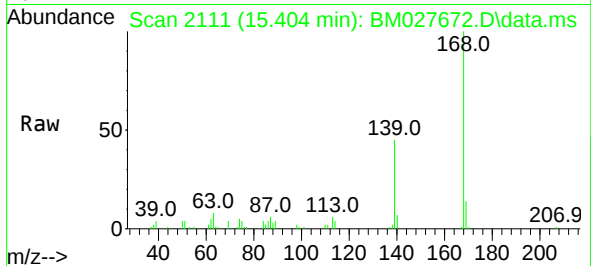




#55
Dibenzenofuran
Concen: 8.41 ng
RT: 15.404 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

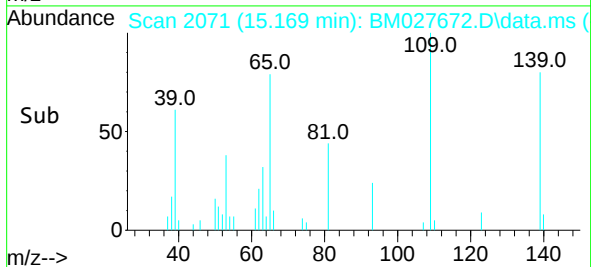
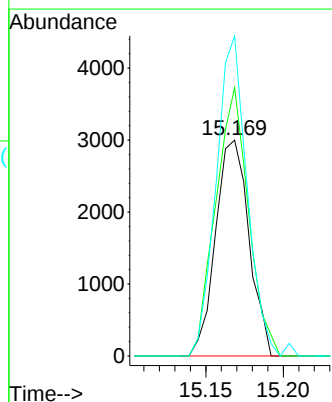
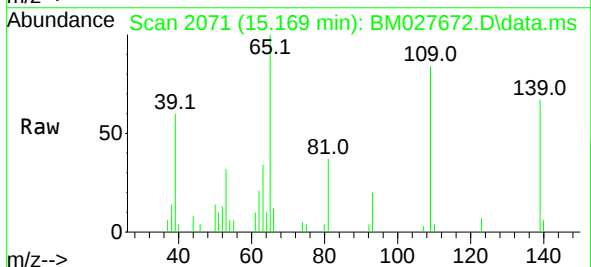
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

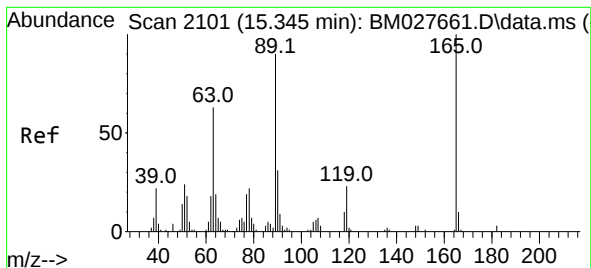
Tgt Ion:168 Resp: 34720
Ion Ratio Lower Upper
168 100
139 45.0 30.2 45.4
169 14.4 10.6 16.0



#56
4-Nitrophenol
Concen: 7.00 ng
RT: 15.169 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:139 Resp: 4487
Ion Ratio Lower Upper
139 100
109 124.4 77.0 117.0#
65 148.3 103.4 143.4#

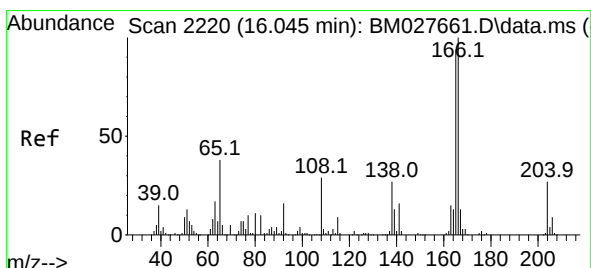
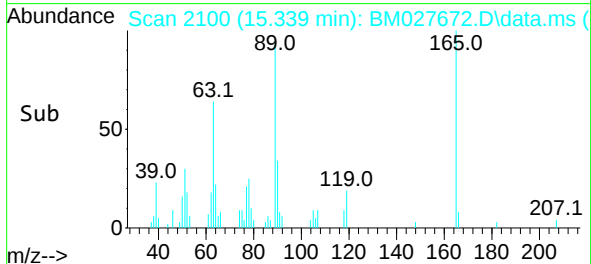
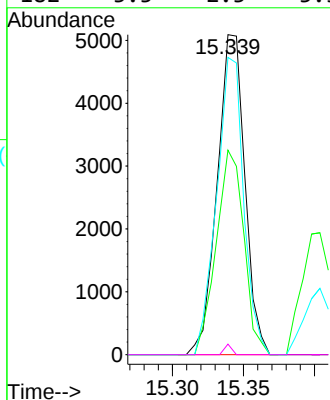
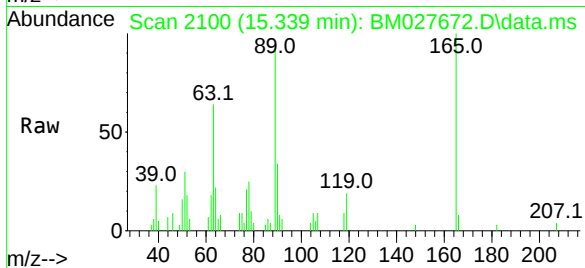




#57
2,4-Dinitrotoluene
Concen: 7.30 ng
RT: 15.339 min Scan# 2100
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

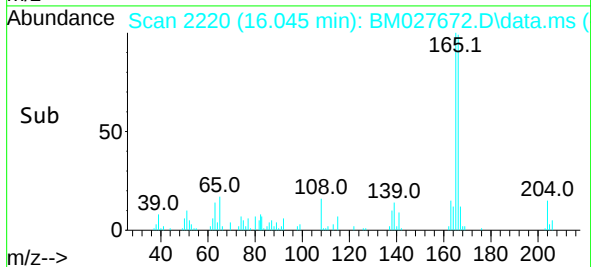
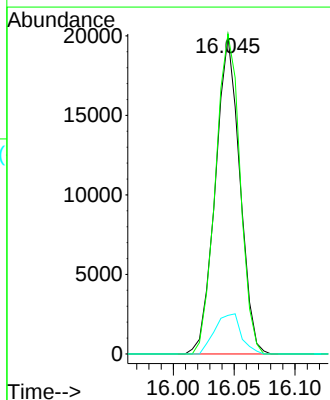
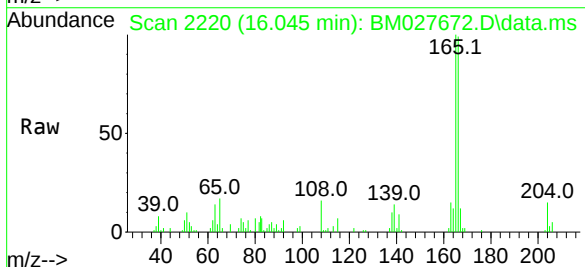
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

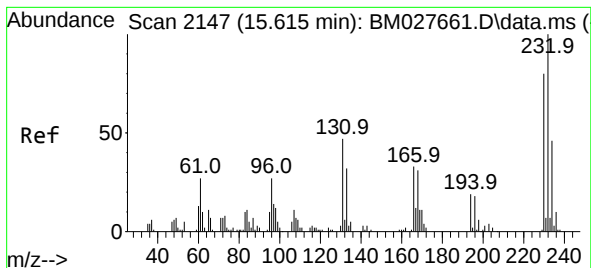
Tgt Ion:	165	Resp:	6897
Ion Ratio	Lower	Upper	
165	100		
63	63.9	38.8	58.2#
89	92.9	62.6	94.0
182	3.3	2.3	3.5



#58
Fluorene
Concen: 8.22 ng
RT: 16.045 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	166	Resp:	27828
Ion Ratio	Lower	Upper	
166	100		
165	100.6	76.2	114.2
167	12.1	10.7	16.1

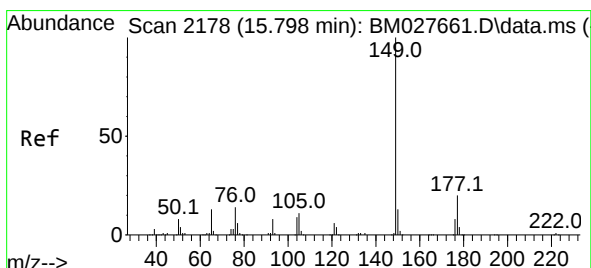
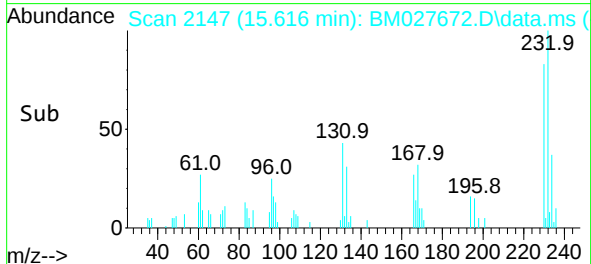
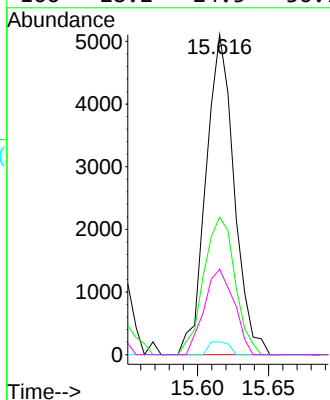
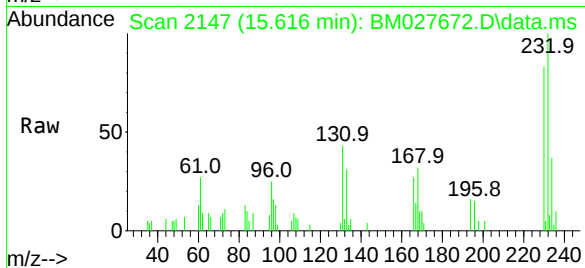




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.26 ng
RT: 15.616 min Scan# 2147
Delta R.T. 0.001 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

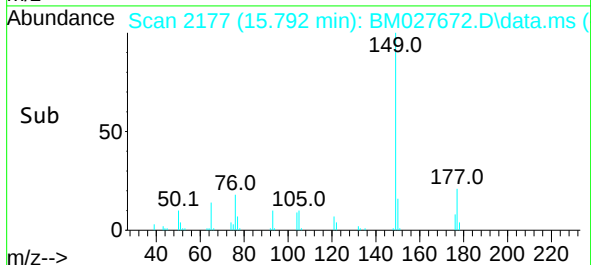
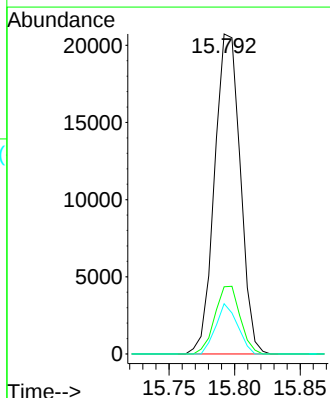
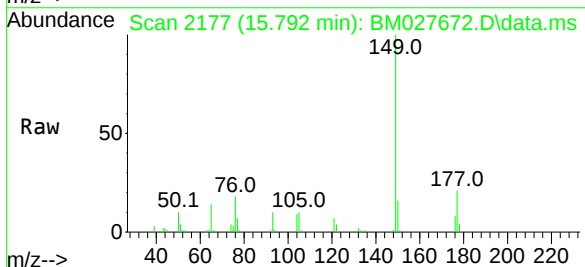
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

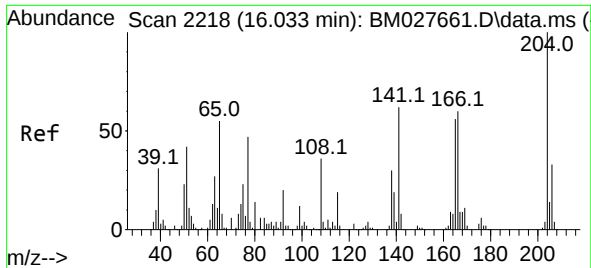
Tgt Ion:	232	Resp:	7062
Ion	Ratio	Lower	Upper
232	100		
131	47.7	32.2	48.2
130	2.9	1.8	2.8#
166	28.2	24.5	36.7



#60
Diethylphthalate
Concen: 7.80 ng
RT: 15.792 min Scan# 2177
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	149	Resp:	28196
Ion	Ratio	Lower	Upper
149	100		
177	21.0	18.2	27.4
150	15.7	10.2	15.4#

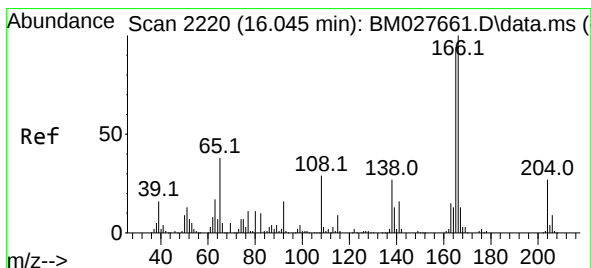
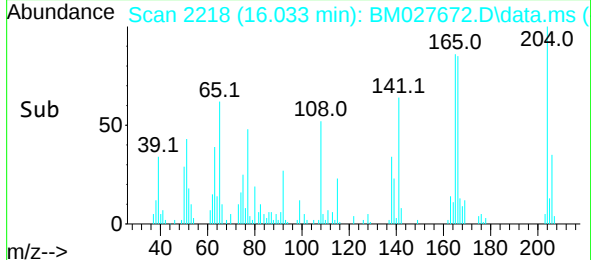
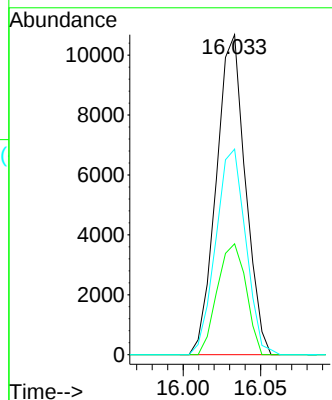
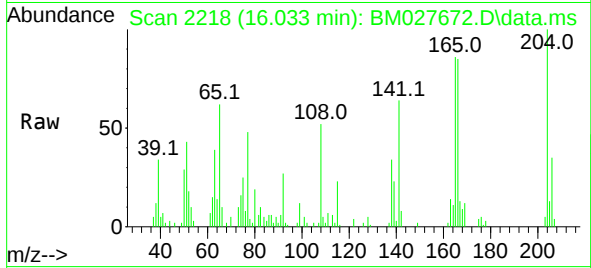




#61
4-Chlorophenyl-phenylether
Concen: 8.01 ng
RT: 16.033 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

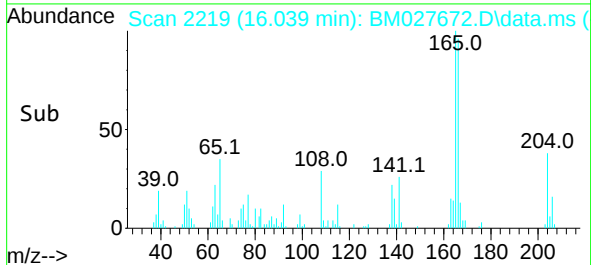
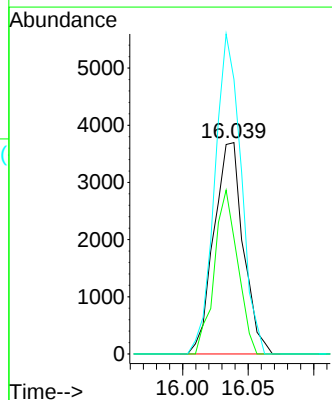
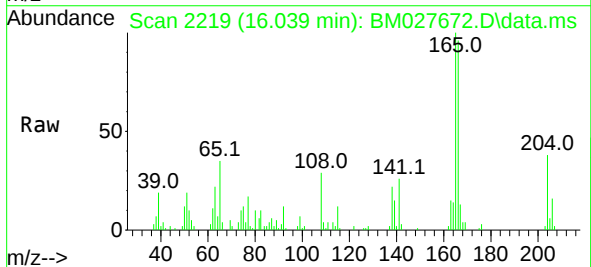
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

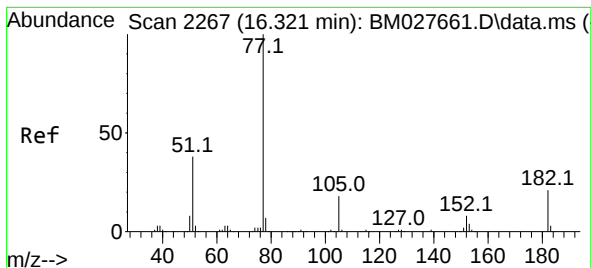
Tgt Ion:204 Resp: 13947
Ion Ratio Lower Upper
204 100
206 34.6 26.1 39.1
141 64.3 43.7 65.5



#62
4-Nitroaniline
Concen: 6.43 ng
RT: 16.039 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:138 Resp: 5763
Ion Ratio Lower Upper
138 100
92 54.7 35.5 75.5
108 129.9 80.5 120.5#

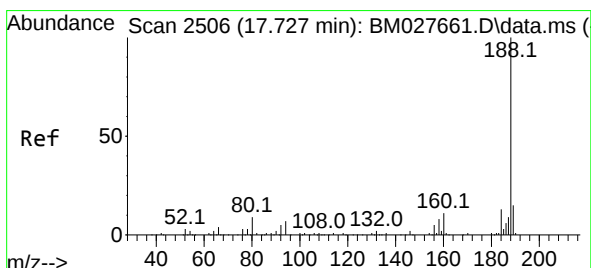
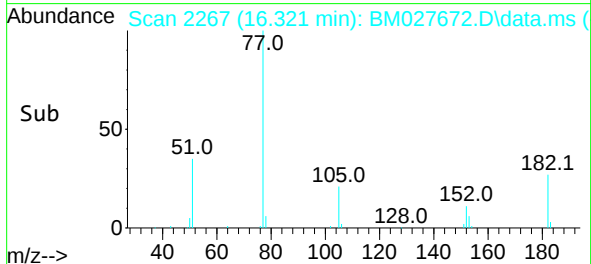
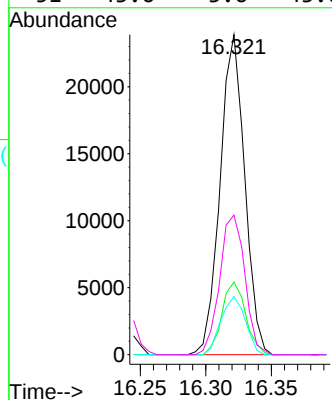
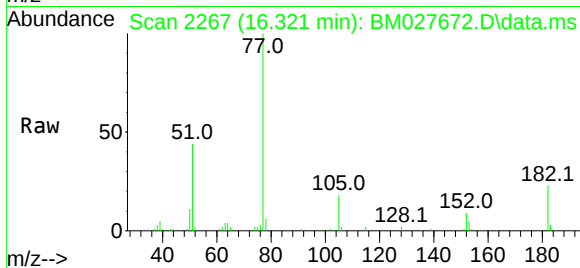




#63
Azobenzene
Concen: 8.32 ng
RT: 16.321 min Scan# 2267
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

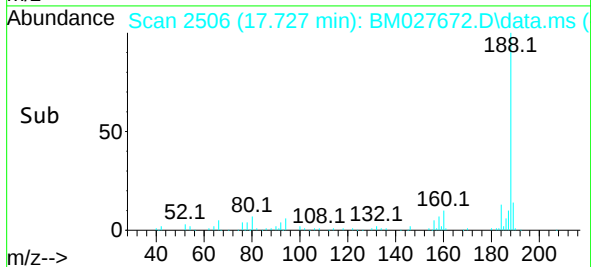
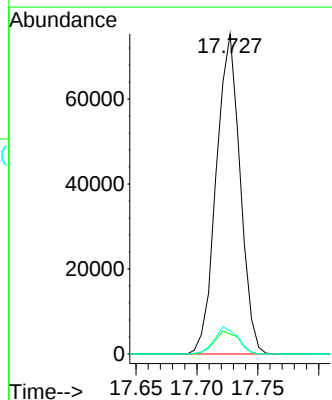
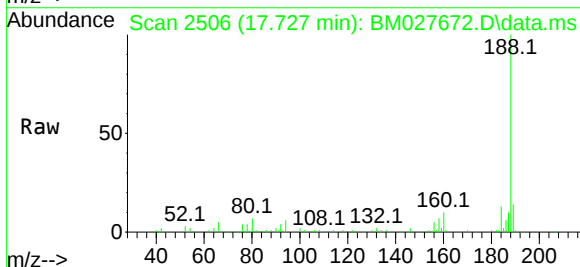
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

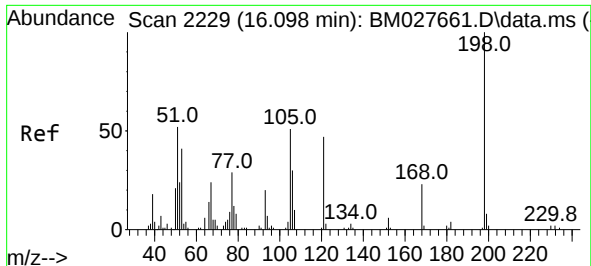
Tgt Ion: 77	Resp: 31165
Ion Ratio	Lower Upper
77 100	
182 22.7	5.8 45.8
105 18.1	0.0 37.2
51 43.6	3.6 43.6



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.727 min Scan# 2506
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion: 188	Resp: 102408
Ion Ratio	Lower Upper
188 100	
94 6.2	6.2 9.4#
80 7.2	7.5 11.3#

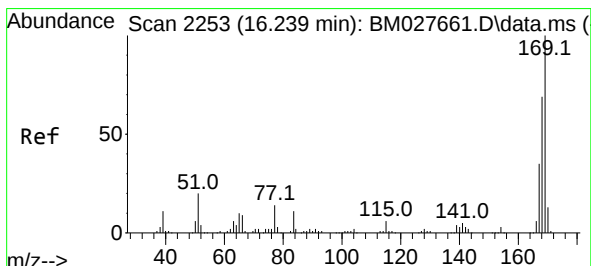
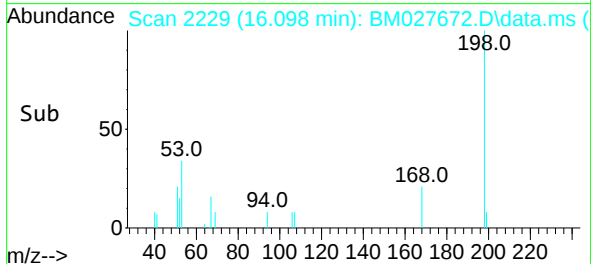
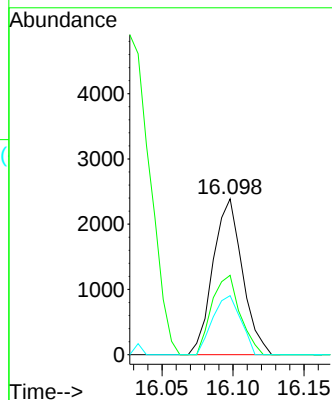
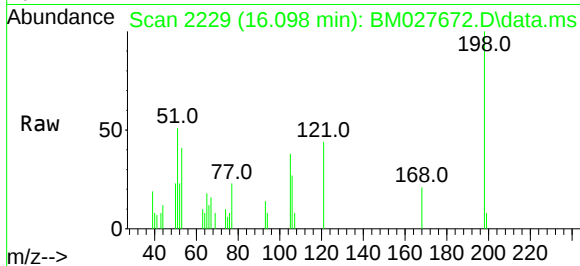




#65
4,6-Dinitro-2-methylphenol
Concen: 8.35 ng
RT: 16.098 min Scan# 2229
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

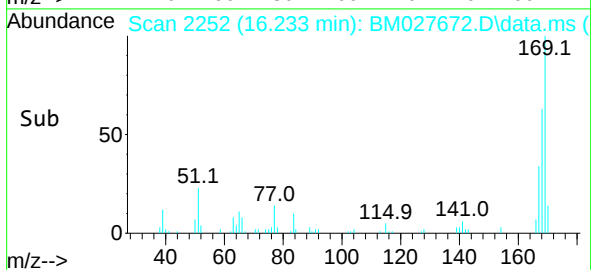
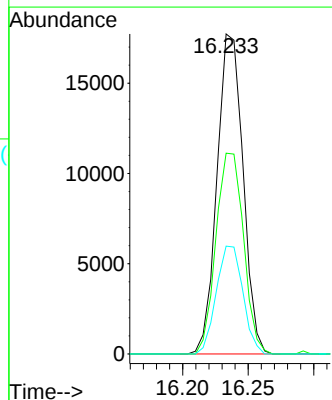
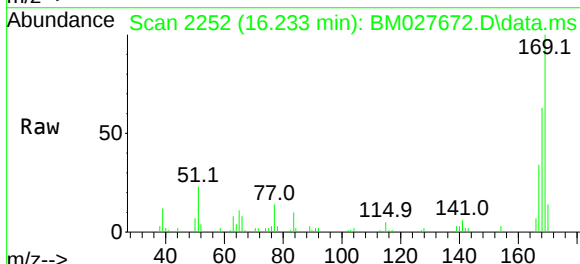
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

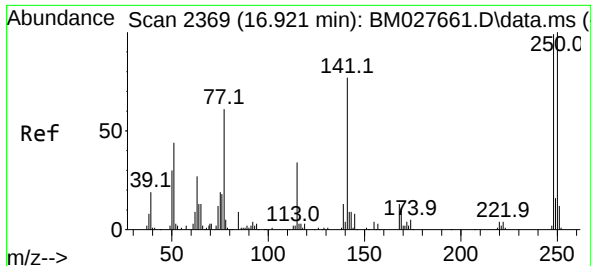
Tgt Ion:198 Resp: 3443
Ion Ratio Lower Upper
198 100
51 50.9 13.0 53.0
105 37.9 18.7 58.7



#66
n-Nitrosodiphenylamine
Concen: 7.91 ng
RT: 16.233 min Scan# 2252
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:169 Resp: 24437
Ion Ratio Lower Upper
169 100
168 62.8 53.8 80.8
167 33.7 29.0 43.4

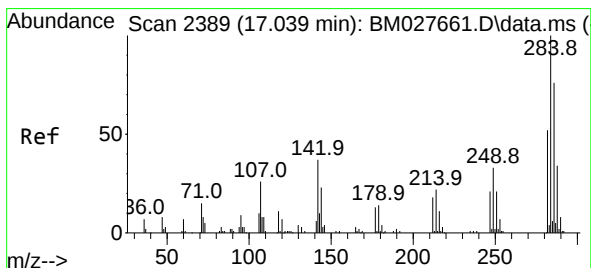
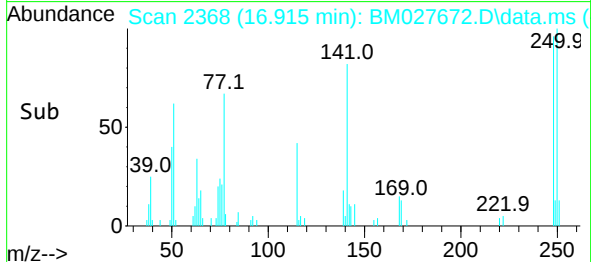
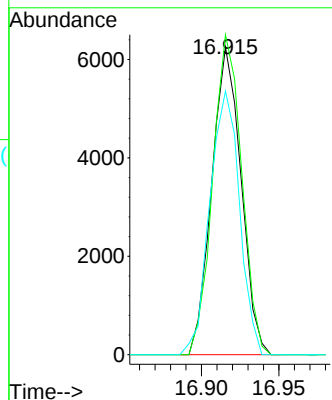
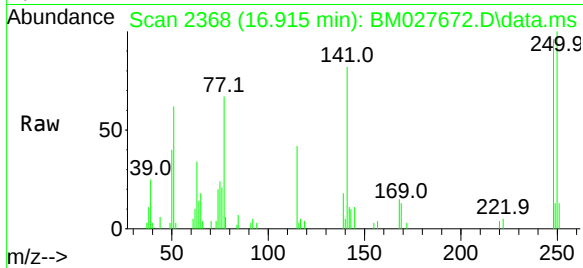




#67
4-Bromophenyl-phenylether
Concen: 7.49 ng
RT: 16.915 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

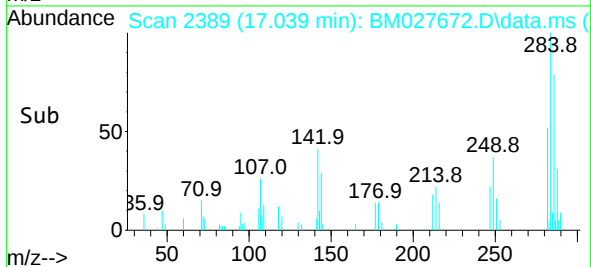
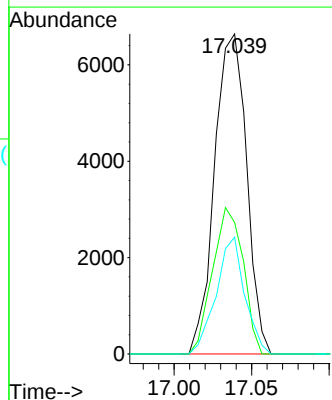
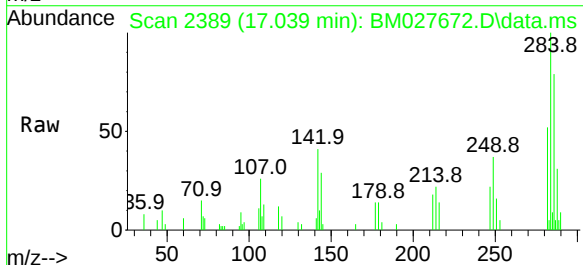
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

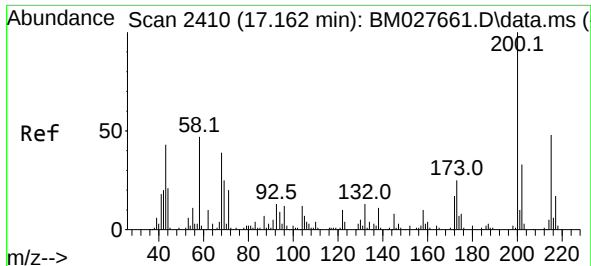
Tgt Ion:248 Resp: 8200
Ion Ratio Lower Upper
248 100
250 104.1 79.1 118.7
141 85.8 51.8 77.8#



#68
Hexachlorobenzene
Concen: 7.52 ng
RT: 17.039 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:284 Resp: 9546
Ion Ratio Lower Upper
284 100
142 41.1 26.1 39.1#
249 36.5 25.6 38.4

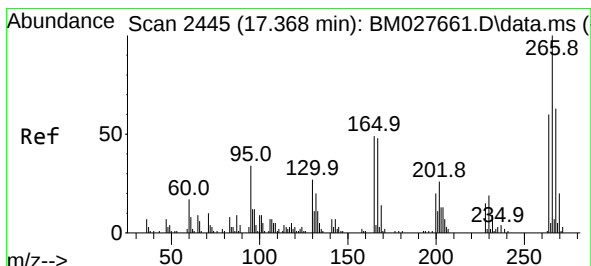
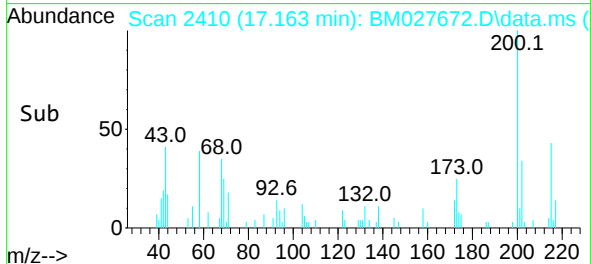
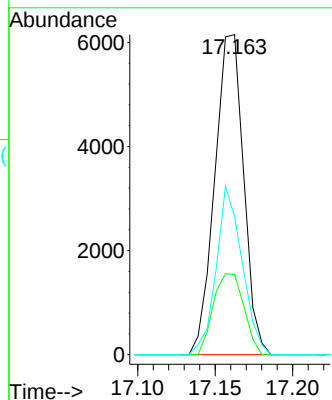
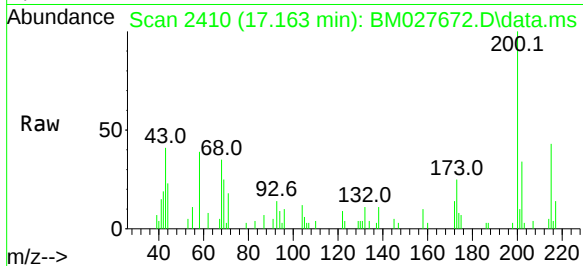




#69
Atrazine
Concen: 7.61 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

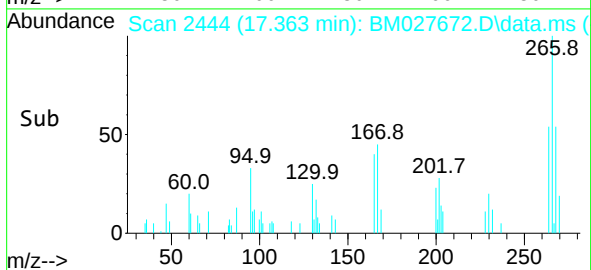
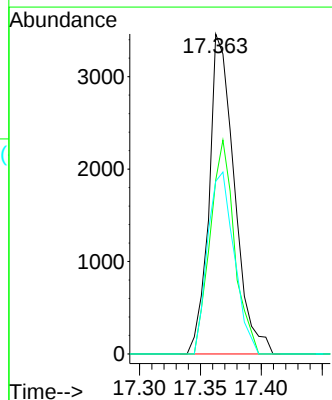
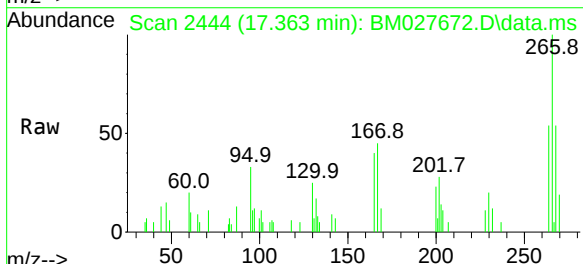
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

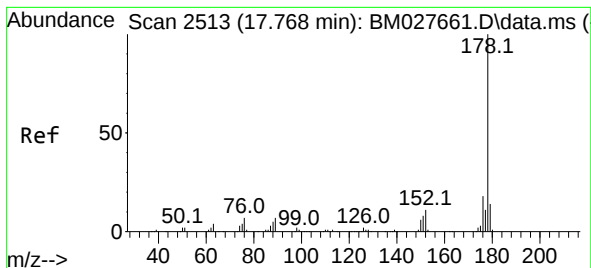
Tgt Ion:	200	Resp:	7965
Ion Ratio	Lower	Upper	
200	100		
173	25.1	4.9	44.9
215	43.1	29.0	69.0



#70
Pentachlorophenol
Concen: 7.26 ng
RT: 17.363 min Scan# 2444
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	266	Resp:	4997
Ion Ratio	Lower	Upper	
266	100		
268	54.3	49.9	74.9
264	54.0	50.6	76.0

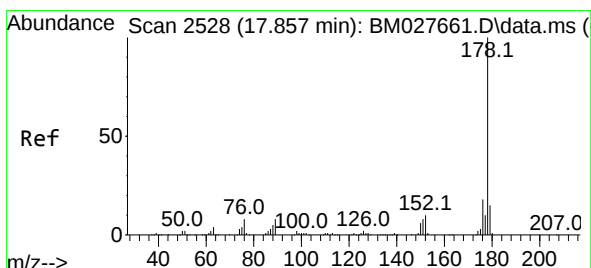
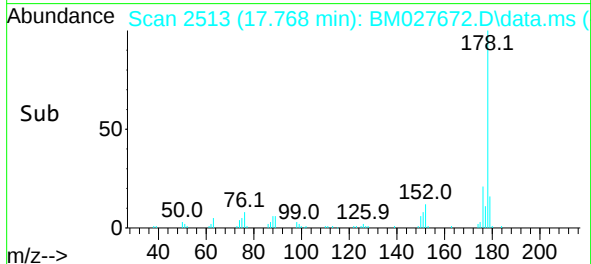
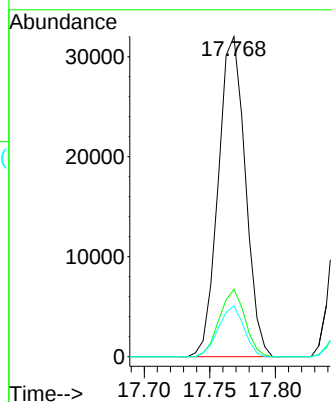
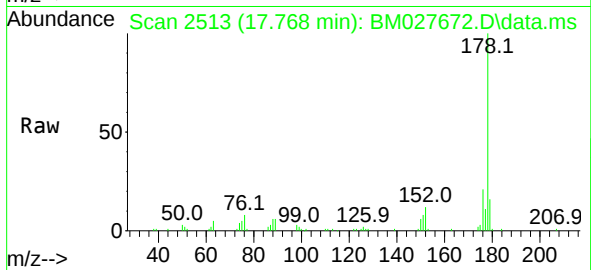




#71
Phenanthrene
Concen: 7.94 ng
RT: 17.768 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

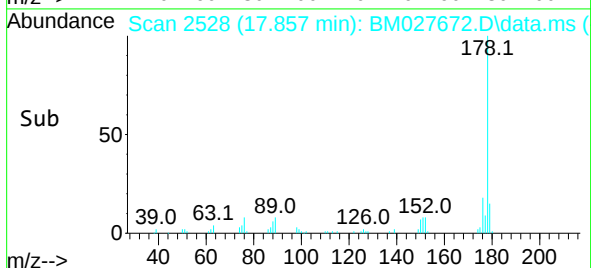
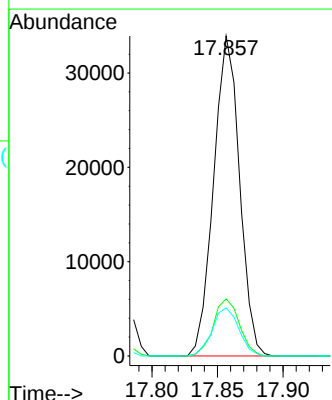
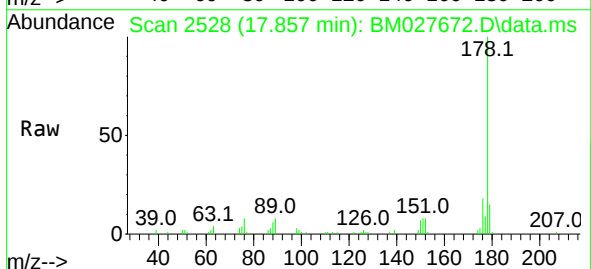
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

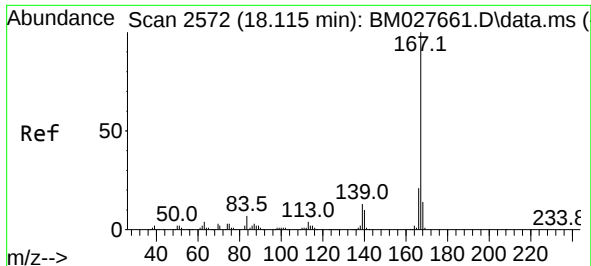
Tgt Ion:178 Resp: 45885
Ion Ratio Lower Upper
178 100
176 21.1 15.0 22.6
179 15.8 12.2 18.4



#72
Anthracene
Concen: 8.23 ng
RT: 17.857 min Scan# 2528
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:178 Resp: 46502
Ion Ratio Lower Upper
178 100
176 17.8 15.0 22.4
179 15.0 12.5 18.7

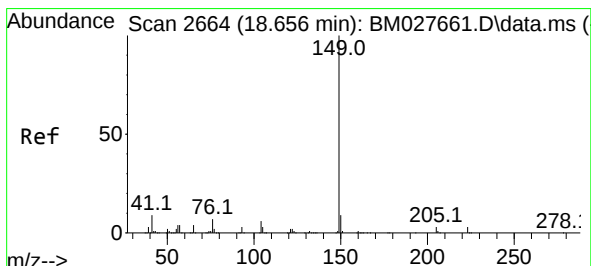
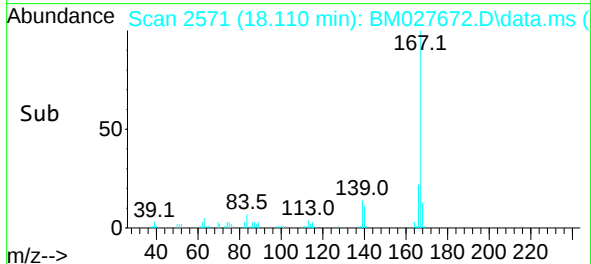
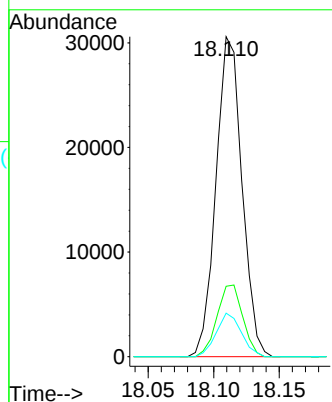
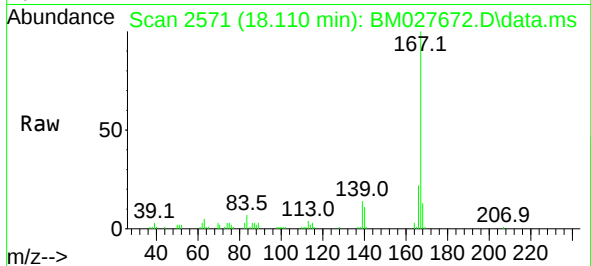




#73
Carbazole
Concen: 7.84 ng
RT: 18.110 min Scan# 2571
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

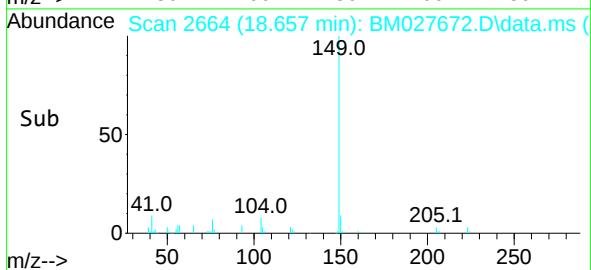
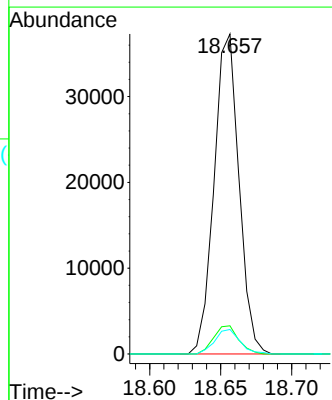
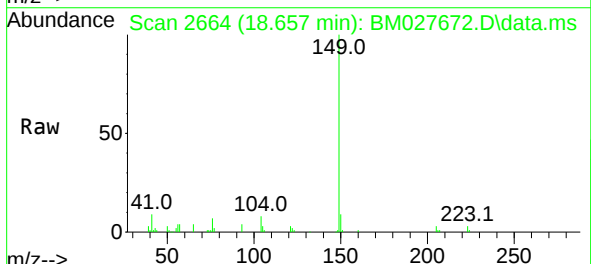
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

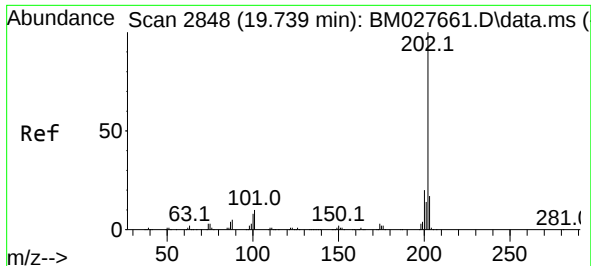
Tgt Ion:167 Resp: 42130
Ion Ratio Lower Upper
167 100
166 22.0 16.9 25.3
139 13.6 9.9 14.9



#74
Di-n-butylphthalate
Concen: 7.20 ng
RT: 18.657 min Scan# 2664
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:149 Resp: 45412
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.0
104 7.6 4.7 7.1#

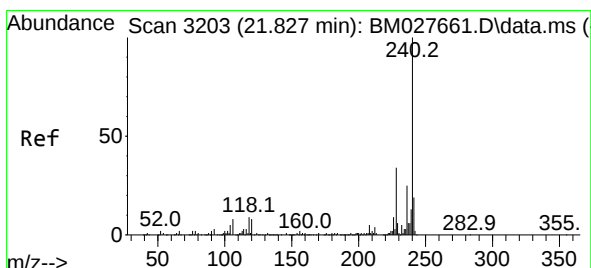
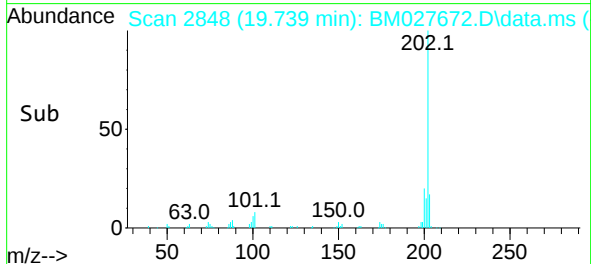
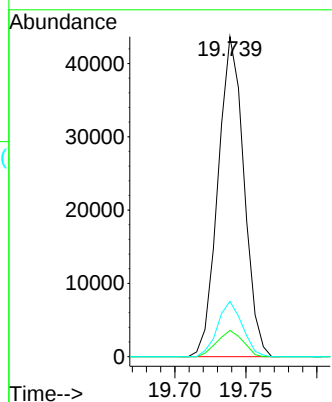
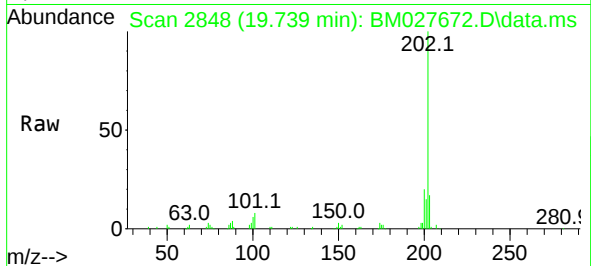




#75
Fluoranthene
Concen: 8.14 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

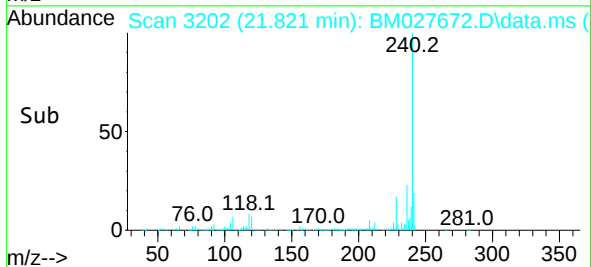
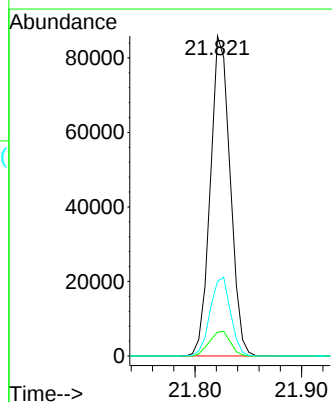
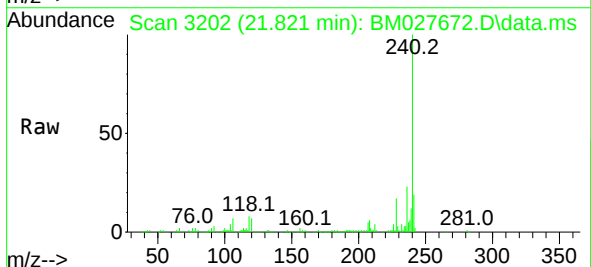
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

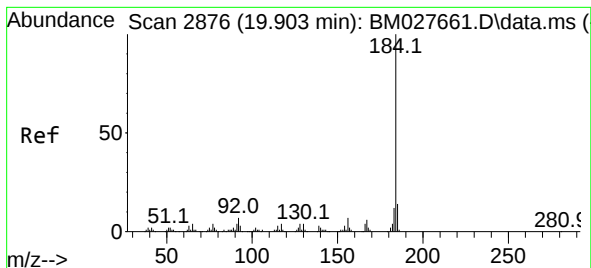
Tgt Ion:202	Resp:	55284
Ion Ratio	Lower	Upper
202	100	
101	8.2	0.0 28.5
203	17.3	0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.821 min Scan# 3202
Delta R.T. -0.006 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:240	Resp:	110815
Ion Ratio	Lower	Upper
240	100	
120	7.5	6.4 9.6
236	23.3	20.1 30.1





#77

Benzidine

Concen: 9.00 ng

RT: 19.904 min Scan# 2876

Delta R.T. 0.000 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

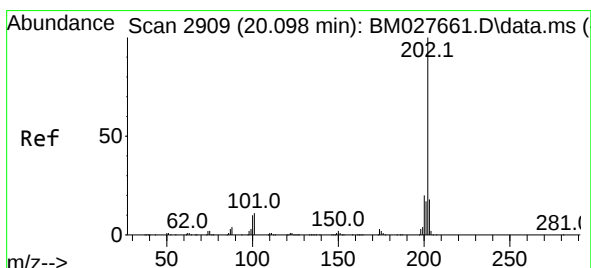
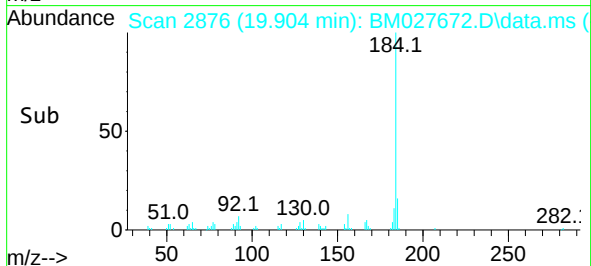
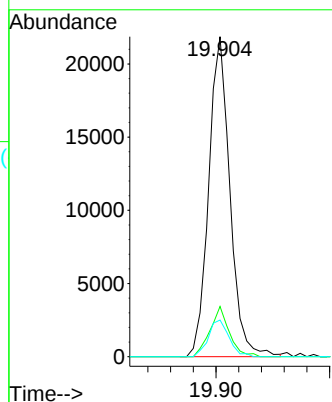
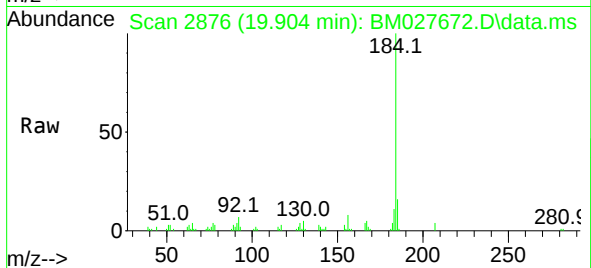
Tgt Ion:184 Resp: 28377

Ion Ratio Lower Upper

184 100

185 15.7 11.0 16.6

183 11.4 9.7 14.5



#78

Pyrene

Concen: 7.53 ng

RT: 20.098 min Scan# 2909

Delta R.T. 0.000 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

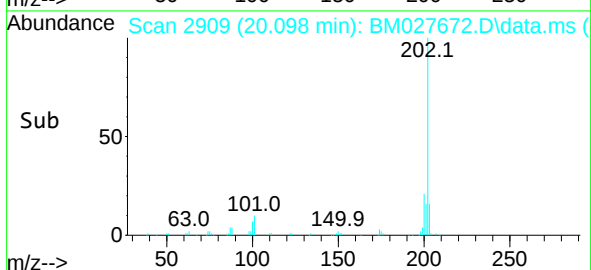
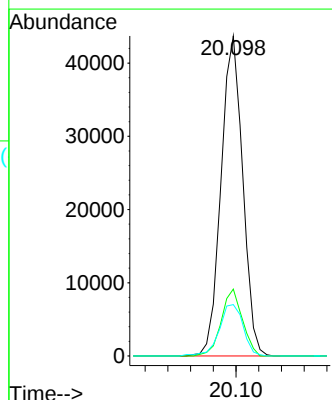
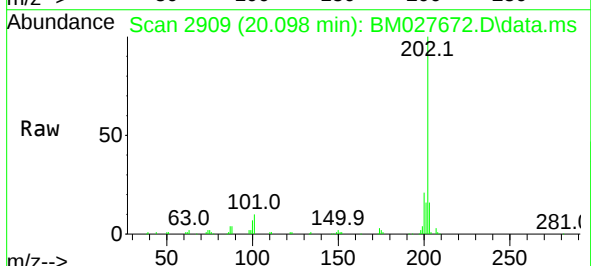
Tgt Ion:202 Resp: 57889

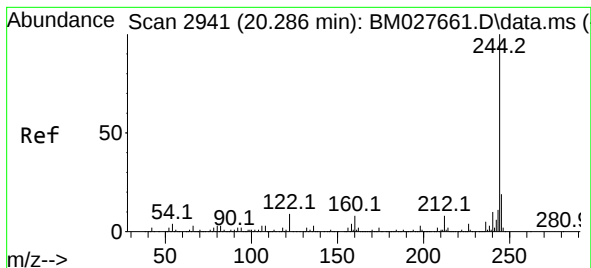
Ion Ratio Lower Upper

202 100

200 20.9 16.6 24.8

203 16.0 13.8 20.6

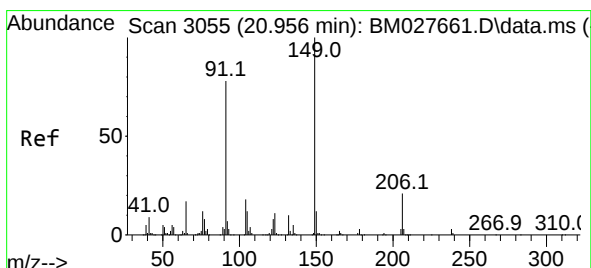
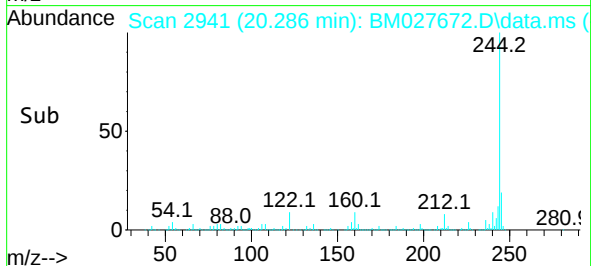
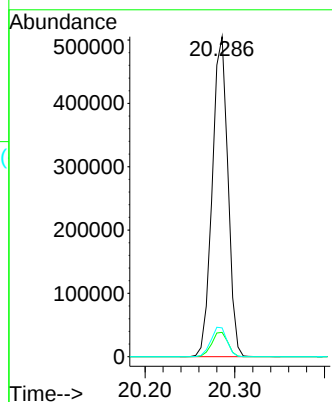
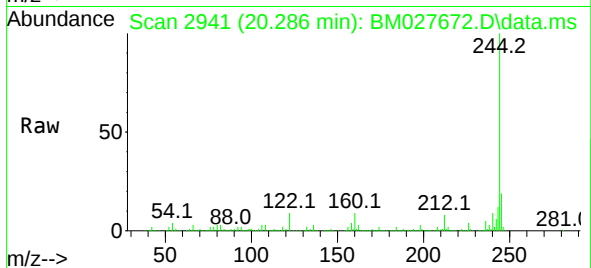




#79
 Terphenyl-d14
 Concen: 108.83 ng
 RT: 20.286 min Scan# 2941
 Delta R.T. 0.000 min
 Lab File: BM027672.D
 Acq: 02 Nov 2020 11:52

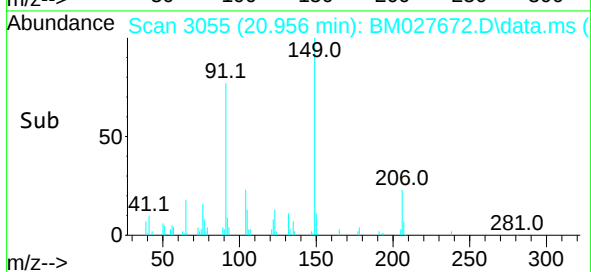
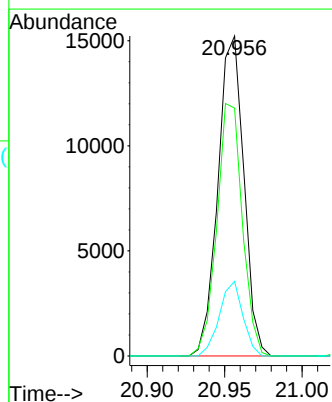
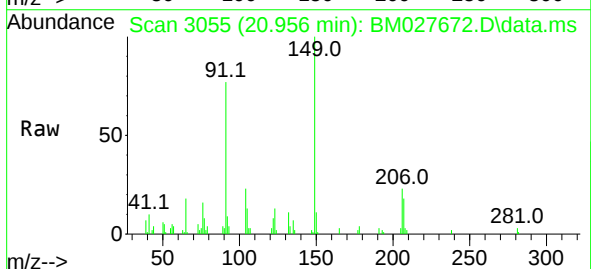
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

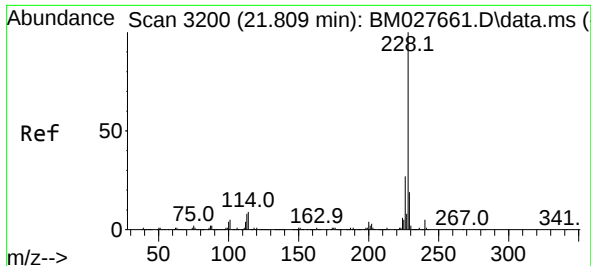
Tgt Ion:244 Resp: 611387
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.8
 122 9.0 6.5 9.7



#80
 Butylbenzylphthalate
 Concen: 6.08 ng
 RT: 20.956 min Scan# 3055
 Delta R.T. 0.000 min
 Lab File: BM027672.D
 Acq: 02 Nov 2020 11:52

Tgt Ion:149 Resp: 17689
 Ion Ratio Lower Upper
 149 100
 91 77.4 58.1 87.1
 206 23.3 18.7 28.1

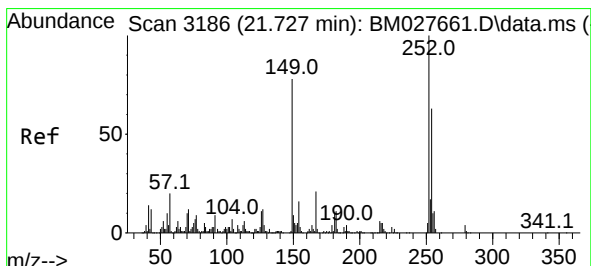
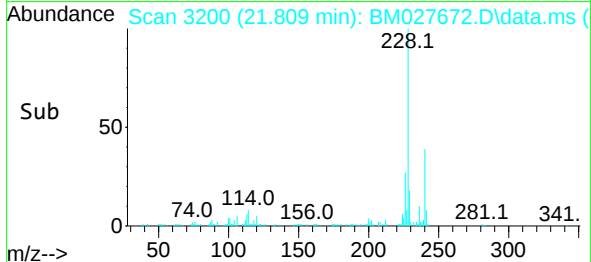
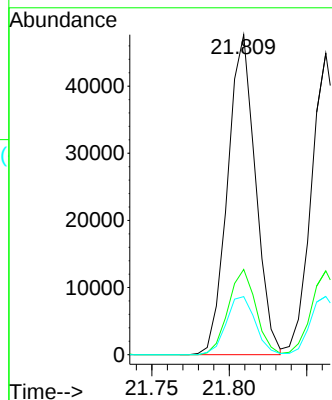
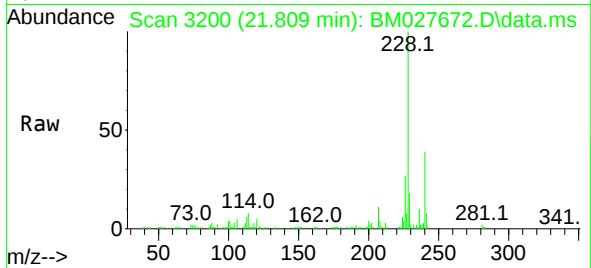




#81
Benzo(a)anthracene
Concen: 7.96 ng
RT: 21.809 min Scan# 3200
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

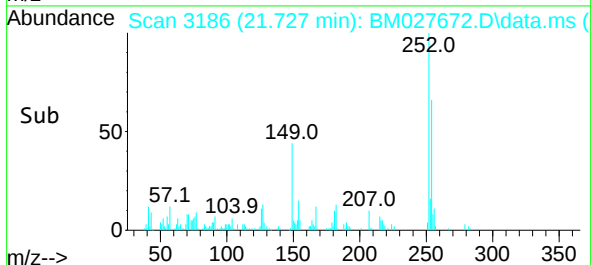
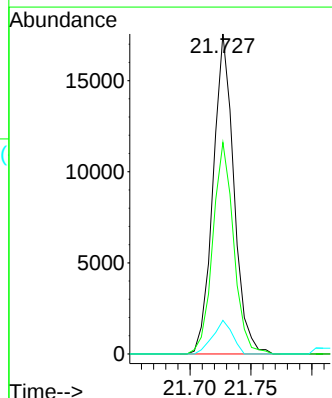
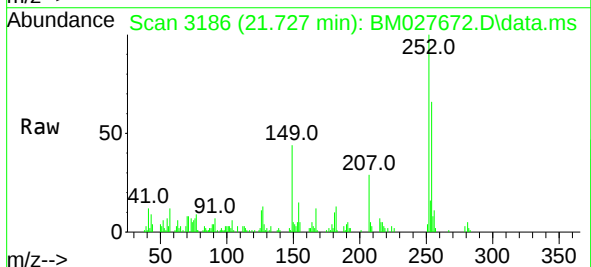
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

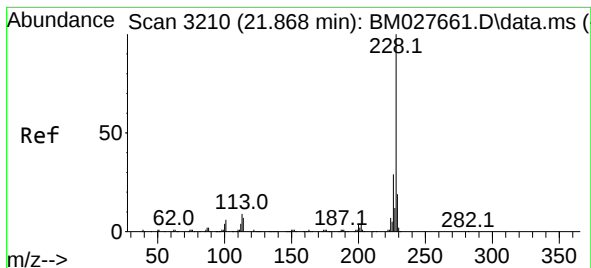
Tgt Ion:	228	Resp:	59559
Ion Ratio	Lower	Upper	
228	100		
226	26.6	21.1	31.7
229	18.1	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 8.12 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:	252	Resp:	20834
Ion Ratio	Lower	Upper	
252	100		
254	66.1	51.4	77.0
126	10.5	6.8	10.2#





#83

Chrysene

Concen: 7.95 ng

RT: 21.862 min Scan# 3209

Delta R.T. -0.006 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

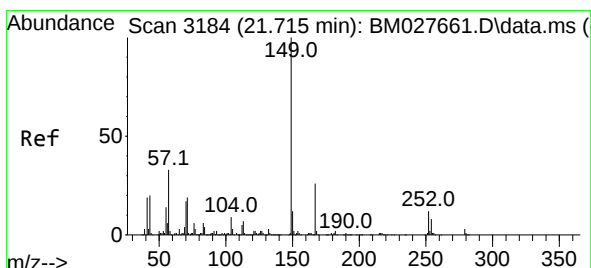
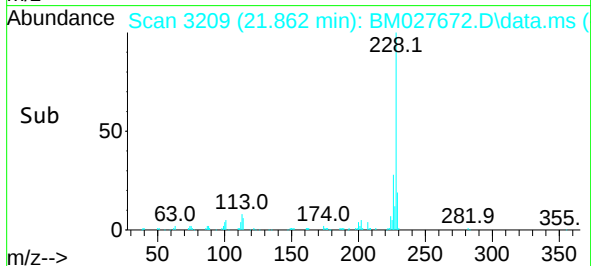
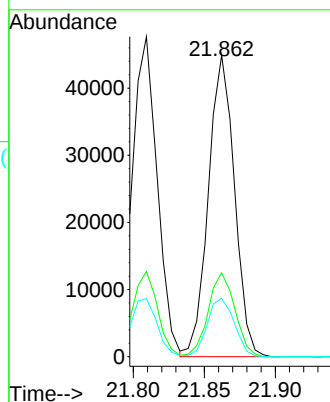
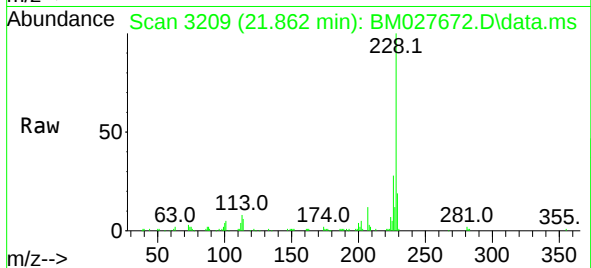
Tgt Ion:	228	Resp:	57386
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.4	35.0
229	19.3	15.7	23.5

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.66 ng

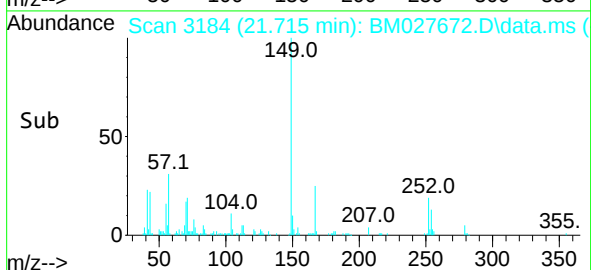
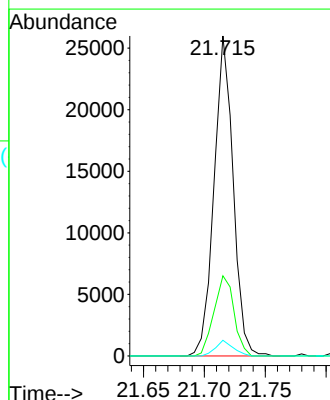
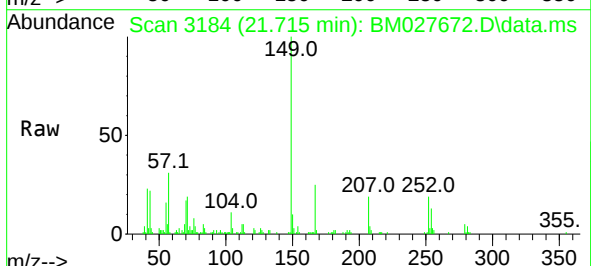
RT: 21.715 min Scan# 3184

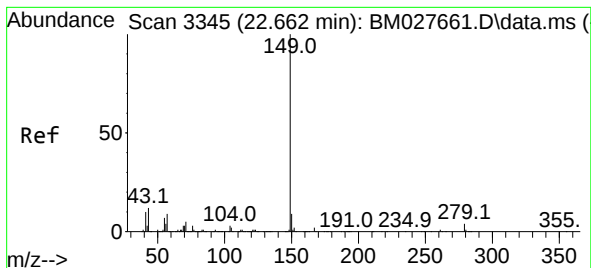
Delta R.T. 0.000 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

Tgt Ion:	149	Resp:	28329
Ion Ratio	Lower	Upper	
149	100		
167	25.1	22.7	34.1
279	4.9	4.0	6.0

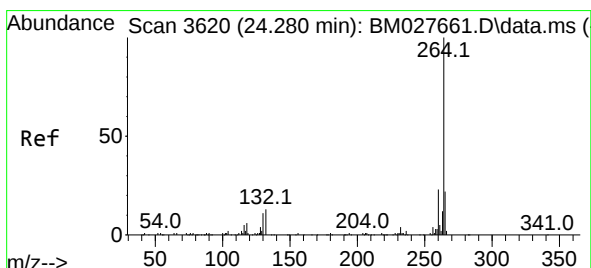
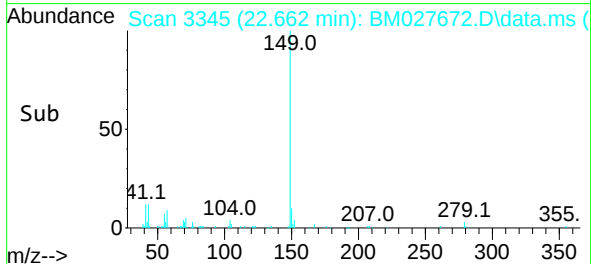
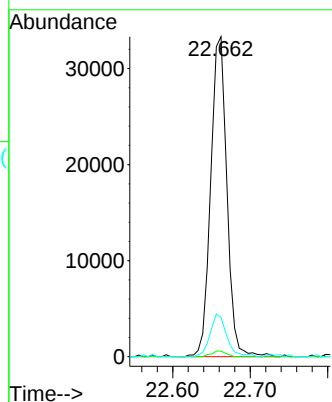
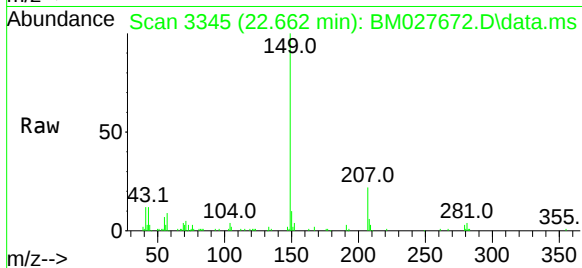




#85
Di-n-octyl phthalate
Concen: 6.74 ng
RT: 22.662 min Scan# 3345
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

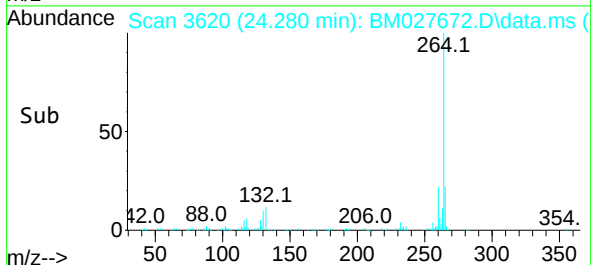
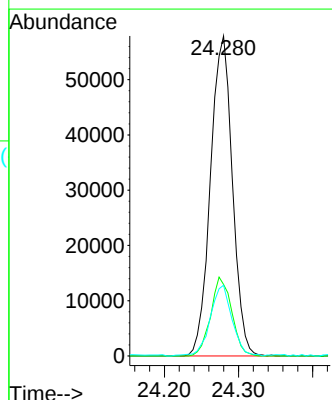
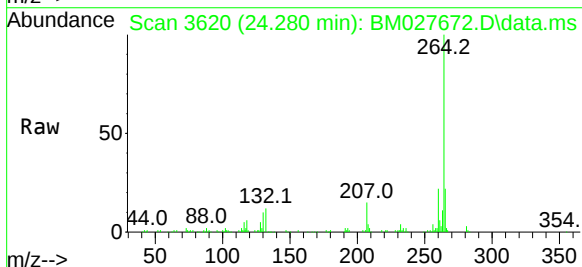
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020

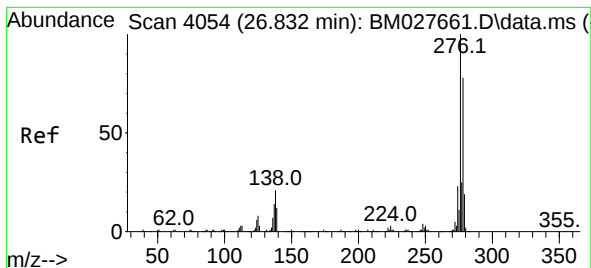
Tgt Ion:149 Resp: 48349
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.7 5.8 8.6#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.280 min Scan# 3620
Delta R.T. 0.000 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:264 Resp: 118986
Ion Ratio Lower Upper
264 100
260 22.4 19.0 28.4
265 22.1 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.85 ng

RT: 26.809 min Scan# 4050

Delta R.T. -0.023 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

Tgt Ion:276 Resp: 68288

Ion Ratio Lower Upper

276 100

138 21.5 14.2 21.4#

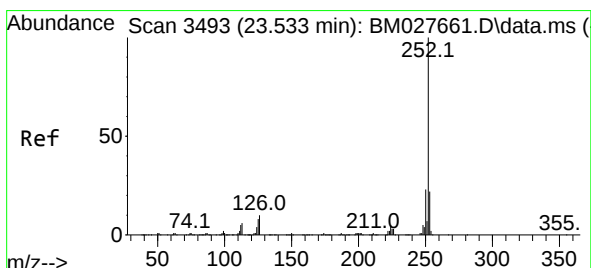
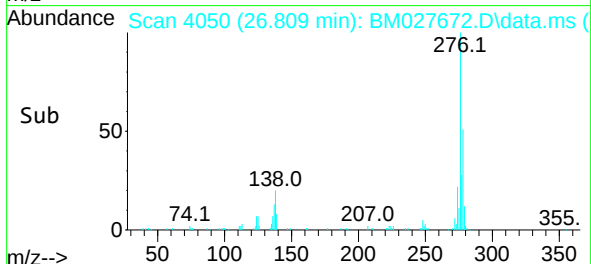
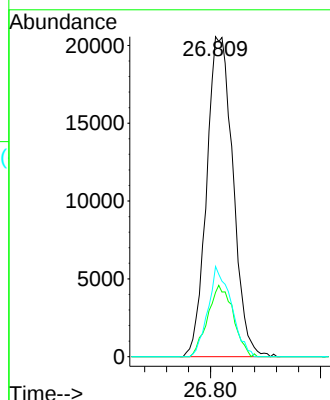
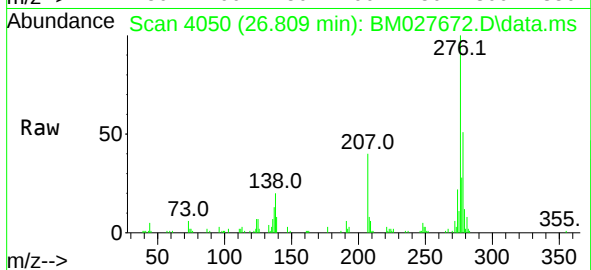
277 24.9 19.8 29.8

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2020



#88

Benzo(b)fluoranthene

Concen: 7.39 ng

RT: 23.580 min Scan# 3501

Delta R.T. 0.047 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

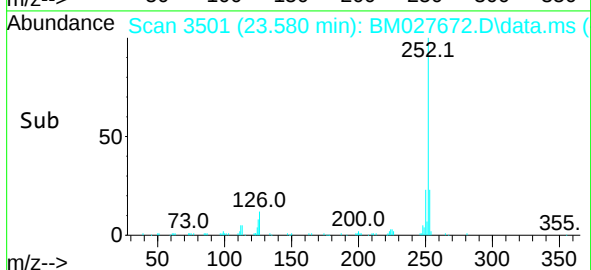
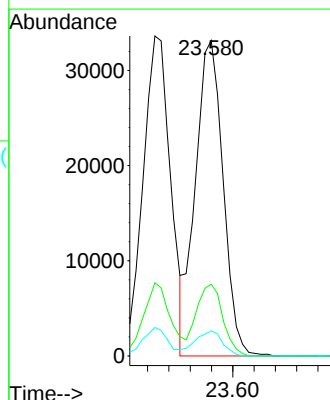
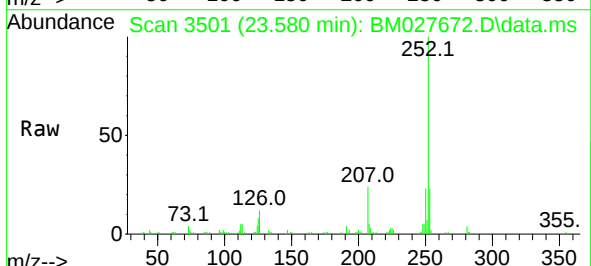
Tgt Ion:252 Resp: 59939

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 8.0 5.7 8.5





#89

Benzo(k)fluoranthene

Concen: 7.76 ng

RT: 23.580 min Scan# 3501

Delta R.T. -0.006 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

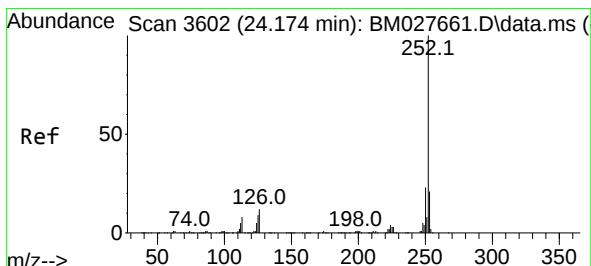
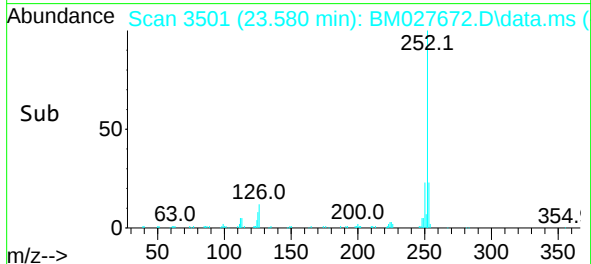
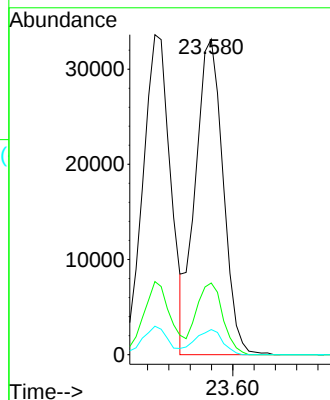
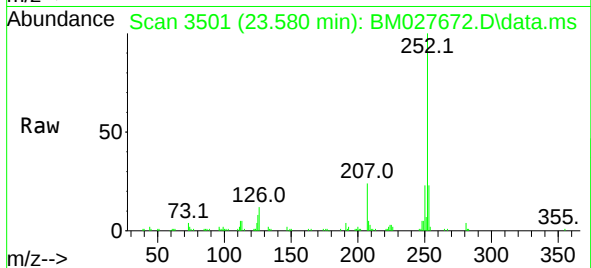
Tgt Ion:252 Resp: 59939

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 8.0 5.6 8.4



#90

Benzo(a)pyrene

Concen: 7.28 ng

RT: 24.168 min Scan# 3601

Delta R.T. -0.006 min

Lab File: BM027672.D

Acq: 02 Nov 2020 11:52

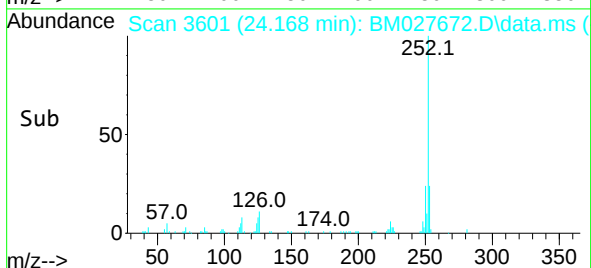
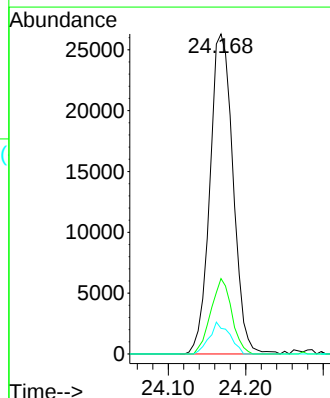
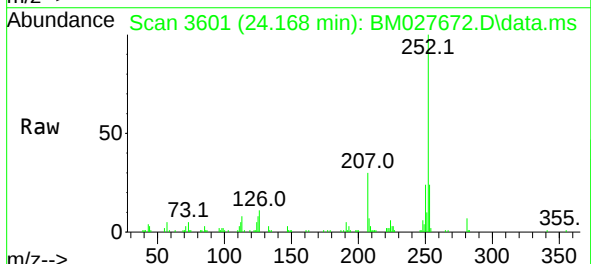
Tgt Ion:252 Resp: 54508

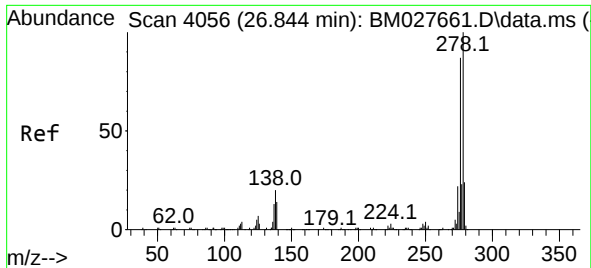
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 8.0 6.6 9.8

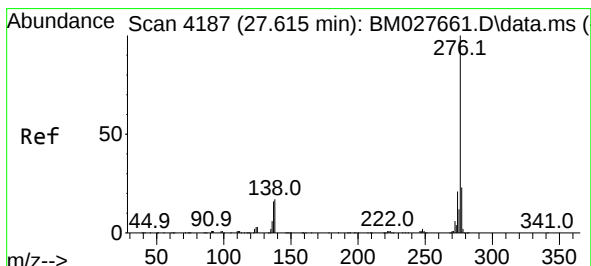
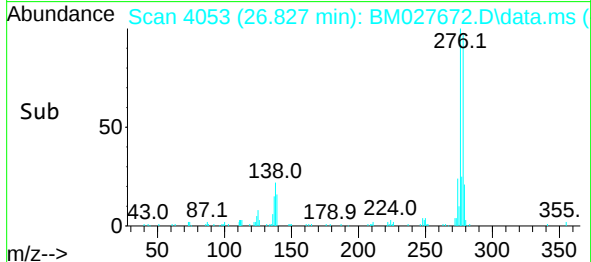
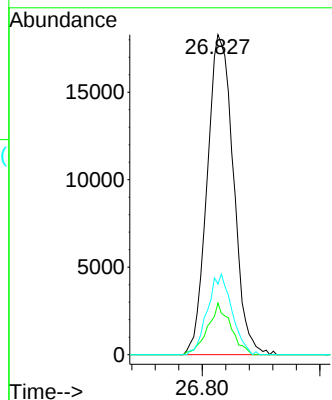
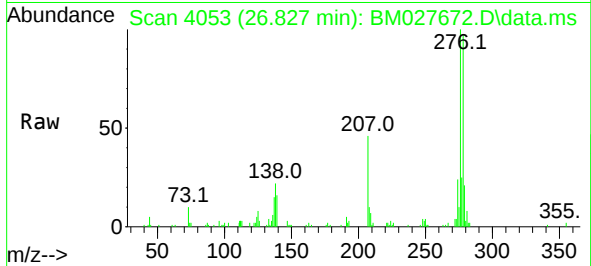




#91
Dibenzo(a,h)anthracene
Concen: 7.95 ng
RT: 26.827 min Scan# 4053
Delta R.T. -0.018 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

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

Tgt Ion:278 Resp: 56545
Ion Ratio Lower Upper
278 100
139 16.1 9.0 13.6#
279 22.0 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 8.30 ng
RT: 27.603 min Scan# 4185
Delta R.T. -0.012 min
Lab File: BM027672.D
Acq: 02 Nov 2020 11:52

Tgt Ion:276 Resp: 57748
Ion Ratio Lower Upper
276 100
277 19.1 18.6 28.0
138 17.1 12.2 18.2

