

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
 Data File : BM031916.D
 Acq On : 26 Aug 2021 16:26
 Operator : CG/JU
 Sample : M2262-03
 Misc : MDL-MDL-SOIL-4ppm
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Quant Time: Aug 26 17:27:19 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 16:22:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	52994	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	204917	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	123061	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	233951	20.000	ng	0.00
76) Chrysene-d12	21.121	240	201128	20.000	ng	0.00
86) Perylene-d12	23.262	264	205970	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.151	112	378675	114.131	ng	0.00
7) Phenol-d6	6.716	99	505662	106.288	ng	0.00
23) Nitrobenzene-d5	8.669	82	458088	101.120	ng	0.00
42) 2,4,6-Tribromophenol	15.657	330	147288	110.875	ng	0.00
45) 2-Fluorobiphenyl	12.768	172	999029	109.791	ng	0.00
79) Terphenyl-d14	19.562	244	1469531	117.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	5306	4.026	ng	# 79
3) Pyridine	3.569	79	12819	3.705	ng	# 86
4) n-Nitrosodimethylamine	3.487	42	6587	3.539	ng	# 67
6) Aniline	6.869	93	21859	4.299	ng	95
8) 2-Chlorophenol	7.087	128	14455	3.762	ng	97
9) Benzaldehyde	6.687	77	14886	5.102	ng	92
10) Phenol	6.739	94	18364	3.891	ng	96
11) bis(2-Chloroethyl)ether	6.969	93	14172	3.934	ng	92
12) 1,3-Dichlorobenzene	7.404	146	15987	3.922	ng	93
13) 1,4-Dichlorobenzene	7.551	146	16568	3.961	ng	96
14) 1,2-Dichlorobenzene	7.857	146	15939	3.939	ng	96
15) Benzyl Alcohol	7.769	79	12065	3.363	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.051	45	19825	4.008	ng	97
17) 2-Methylphenol	7.969	107	11656	3.648	ng	93
18) Hexachloroethane	8.569	117	6027	3.692	ng	93
19) n-Nitroso-di-n-propyla...	8.328	70	10870	3.224	ng	91
20) 3+4-Methylphenols	8.298	107	14746	3.341	ng	96
22) Acetophenone	8.339	105	22850	4.104	ng	94
24) Nitrobenzene	8.710	77	18854	4.094	ng	98
25) Isophorone	9.233	82	28202	3.538	ng	98
26) 2-Nitrophenol	9.416	139	6478	3.399	ng	# 82
27) 2,4-Dimethylphenol	9.480	122	11699	4.020	ng	92
28) bis(2-Chloroethoxy)met...	9.722	93	17447	4.162	ng	96
29) 2,4-Dichlorophenol	9.951	162	11238	3.441	ng	94
30) 1,2,4-Trichlorobenzene	10.139	180	14481	4.062	ng	94
31) Naphthalene	10.322	128	44780	3.947	ng	99
32) Benzoic acid	9.580	122	4208	1.801	ng	# 74
33) 4-Chloroaniline	10.463	127	17694	3.834	ng	93
34) Hexachlorobutadiene	10.604	225	8295	3.840	ng	97
35) Caprolactam	11.269	113	2513	2.454	ng	# 73
36) 4-Chloro-3-methylphenol	11.592	107	13023	3.407	ng	94
37) 2-Methylnaphthalene	11.945	142	31092	3.780	ng	94
38) 1-Methylnaphthalene	12.169	142	28895	3.681	ng	95
40) 1,2,4,5-Tetrachloroben...	12.321	216	14672	4.130	ng	98
41) Hexachlorocyclopentadiene	12.292	237	5679	3.450	ng	93
43) 2,4,6-Trichlorophenol	12.586	196	8409	3.328	ng	95

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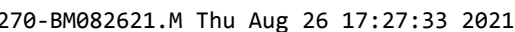
Instrument :
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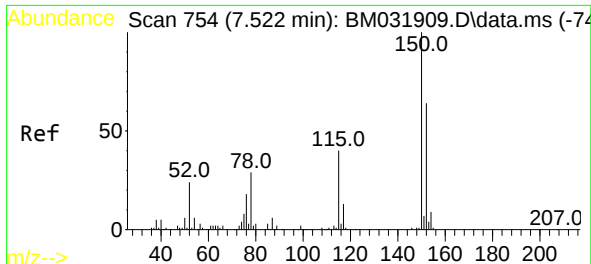
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	9366	3.412	ng	96
46) 1,1'-Biphenyl	12.980	154	40158	4.167	ng	100
47) 2-Chloronaphthalene	13.021	162	29908	3.937	ng	98
48) 2-Nitroaniline	13.251	65	7922	3.263	ng	94
49) Acenaphthylene	13.874	152	44860	3.738	ng	99
50) Dimethylphthalate	13.633	163	36766	3.866	ng	98
51) 2,6-Dinitrotoluene	13.757	165	6633	3.109	ng	89
52) Acenaphthene	14.221	154	28114	3.821	ng	99
53) 3-Nitroaniline	14.092	138	6435	3.067	ng #	84
54) 2,4-Dinitrophenol	14.327	184	1998	1.678	ng #	82
55) Dibenzofuran	14.562	168	44751	3.741	ng	99
56) 4-Nitrophenol	14.457	139	3417	2.035	ng #	72
57) 2,4-Dinitrotoluene	14.557	165	8579	2.961	ng #	84
58) Fluorene	15.215	166	35062	3.622	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.798	232	7731	3.327	ng #	92
60) Diethylphthalate	15.010	149	36525	3.669	ng	98
61) 4-Chlorophenyl-phenyle...	15.215	204	17581	3.768	ng	96
62) 4-Nitroaniline	15.268	138	5138	2.503	ng	91
63) Azobenzene	15.509	77	36328	3.309	ng	95
65) 4,6-Dinitro-2-methylph...	15.333	198	3194	2.047	ng	86
66) n-Nitrosodiphenylamine	15.439	169	28997	3.681	ng	94
67) 4-Bromophenyl-phenylether	16.109	248	9567	3.843	ng	91
68) Hexachlorobenzene	16.215	284	10546	3.963	ng	97
69) Atrazine	16.404	200	9572	3.891	ng	94
70) Pentachlorophenol	16.574	266	4557	2.739	ng	93
71) Phenanthrene	16.951	178	53802	3.872	ng	100
72) Anthracene	17.051	178	52118	3.848	ng	98
73) Carbazole	17.333	167	43361	3.331	ng	98
74) Di-n-butylphthalate	17.898	149	49919	3.194	ng	98
75) Fluoranthene	18.980	202	54908	3.631	ng	99
77) Benzidine	19.192	184	23687	4.799	ng	97
78) Pyrene	19.345	202	56345	3.524	ng	99
80) Butylbenzylphthalate	20.268	149	21499	3.165	ng	96
81) Benzo(a)anthracene	21.103	228	53744	3.751	ng	98
82) 3,3'-Dichlorobenzidine	21.056	252	18431	4.644	ng	98
83) Chrysene	21.156	228	54467	3.903	ng	98
84) Bis(2-ethylhexyl)phtha...	21.050	149	29981	3.055	ng	99
85) Di-n-octyl phthalate	21.909	149	52517	3.388	ng	96
87) Indeno(1,2,3-cd)pyrene	25.379	276	61095	4.264	ng	96
88) Benzo(b)fluoranthene	22.627	252	55008	3.610	ng	98
89) Benzo(k)fluoranthene	22.668	252	50066	3.432	ng	98
90) Benzo(a)pyrene	23.168	252	52907	3.957	ng #	97
91) Dibenzo(a,h)anthracene	25.391	278	51883	4.175	ng #	95
92) Benzo(g,h,i)perylene	26.021	276	52365	4.474	ng	96

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

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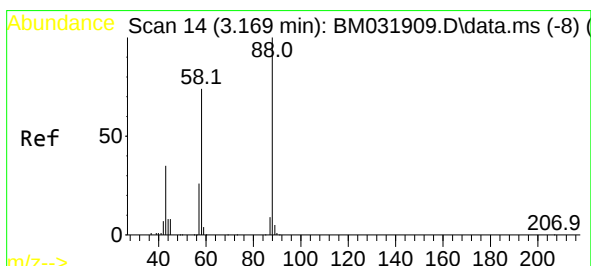
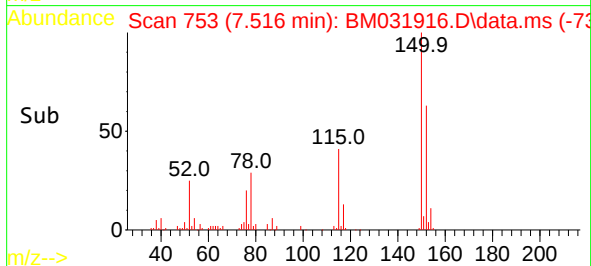
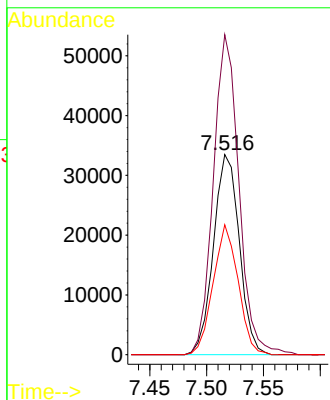
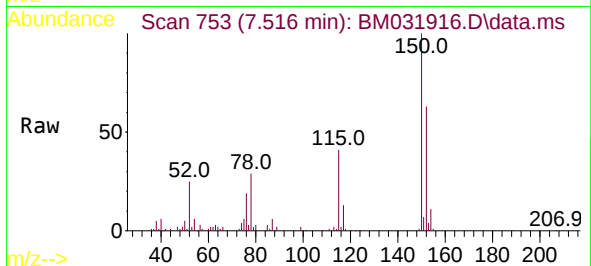




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

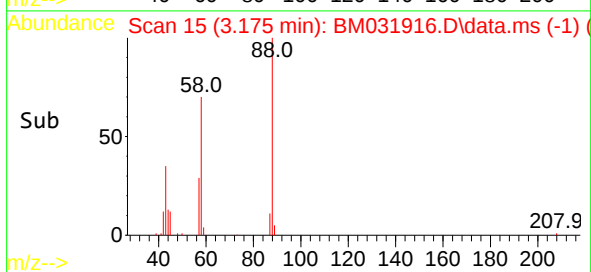
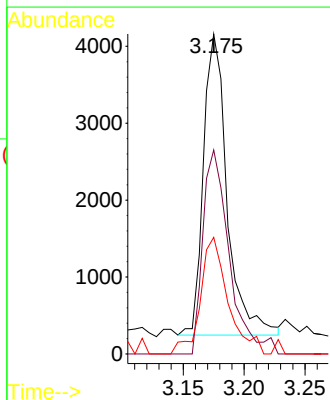
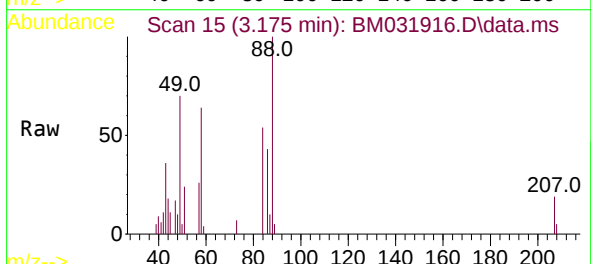
Instrument :
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ClientSampleId :
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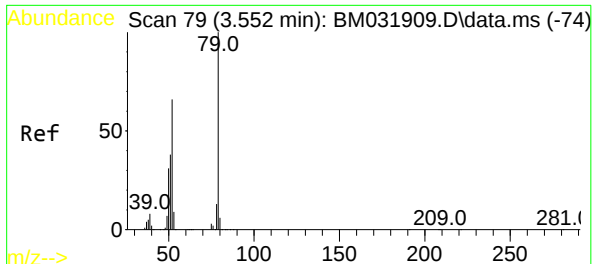
Tgt Ion:152 Resp: 52994
Ion Ratio Lower Upper
152 100
150 159.9 122.4 183.6
115 64.9 53.8 80.8



#2
1,4-Dioxane
Concen: 4.026 ng
RT: 3.175 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 88 Resp: 5306
Ion Ratio Lower Upper
88 100
58 75.1 50.4 75.6
43 44.9 22.2 33.2#

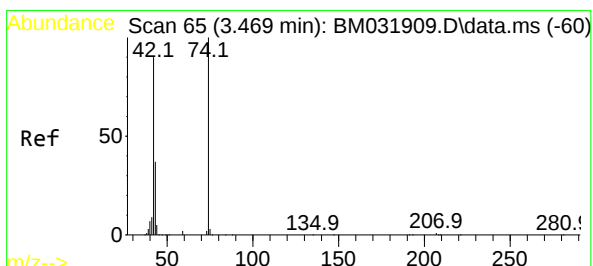
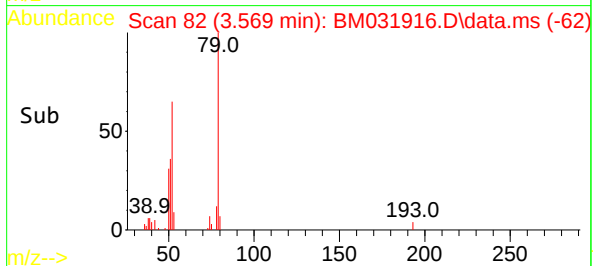
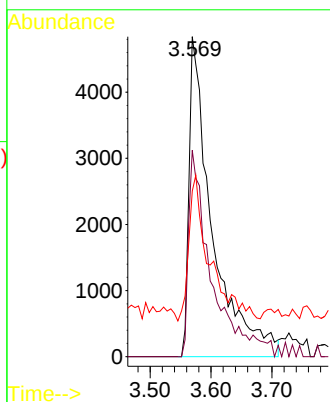
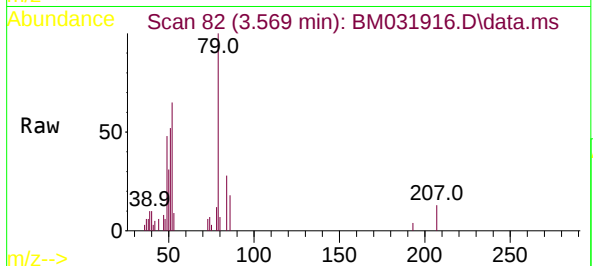




#3
Pyridine
Concen: 3.705 ng
RT: 3.569 min Scan# 82
Delta R.T. 0.018 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

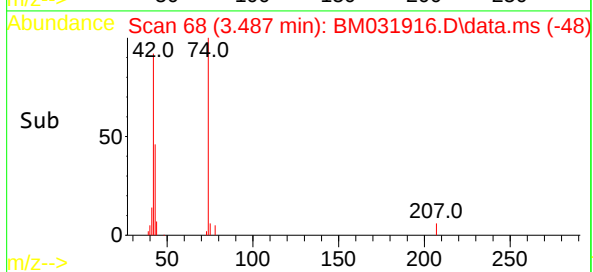
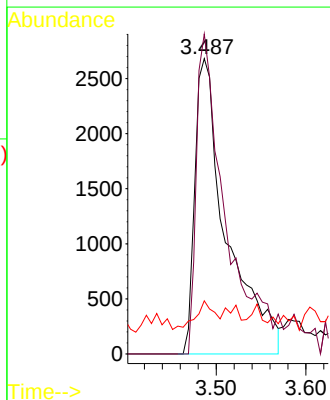
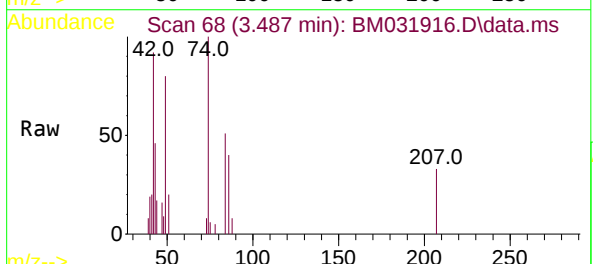
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

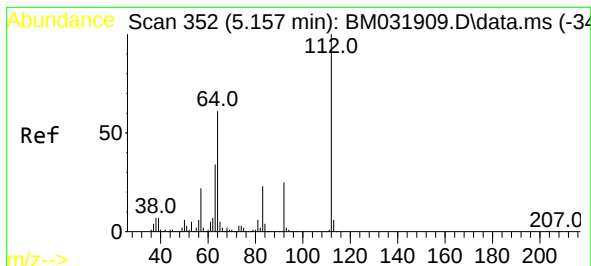
Tgt Ion: 79	Resp: 12819
Ion Ratio	Lower Upper
79 100	
52 64.5	48.6 73.0
51 51.8	27.4 41.2#



#4
n-Nitrosodimethylamine
Concen: 3.539 ng
RT: 3.487 min Scan# 68
Delta R.T. 0.018 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 42	Resp: 6587
Ion Ratio	Lower Upper
42 100	
74 108.3	99.5 149.3
44 18.0	57.3 85.9#

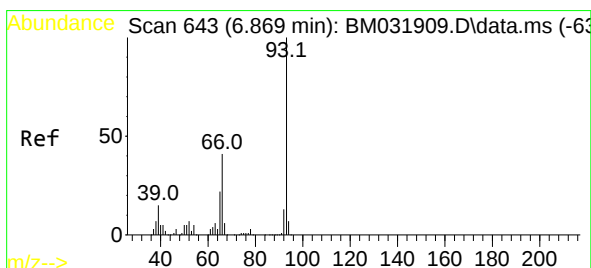
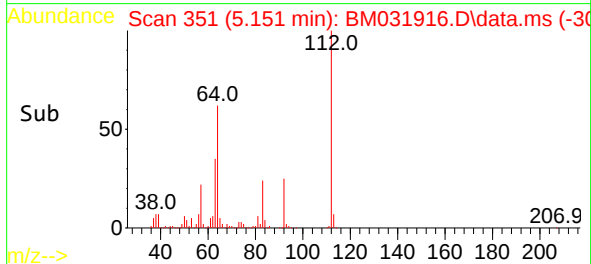
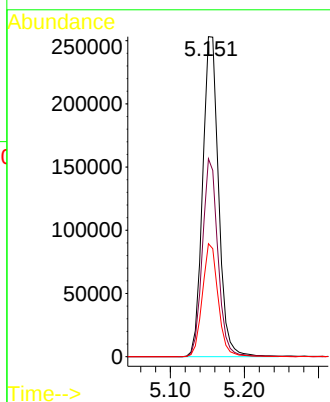
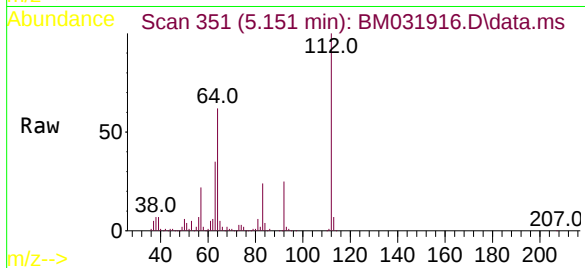




#5
2-Fluorophenol
Concen: 114.131 ng
RT: 5.151 min Scan# 351
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

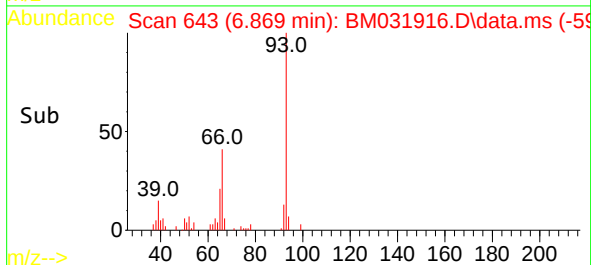
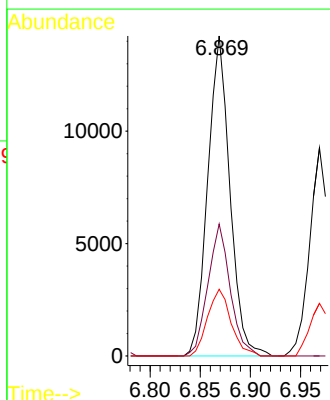
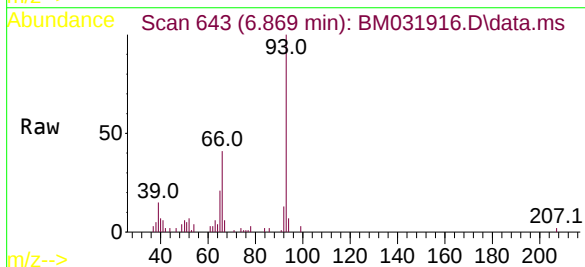
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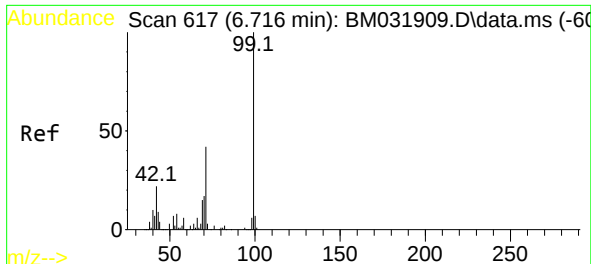
Tgt Ion:112 Resp: 378675
Ion Ratio Lower Upper
112 100
64 61.8 53.7 80.5
63 35.3 33.9 50.9



#6
Aniline
Concen: 4.299 ng
RT: 6.869 min Scan# 643
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 93 Resp: 21859
Ion Ratio Lower Upper
93 100
66 41.3 35.3 52.9
65 20.8 18.7 28.1

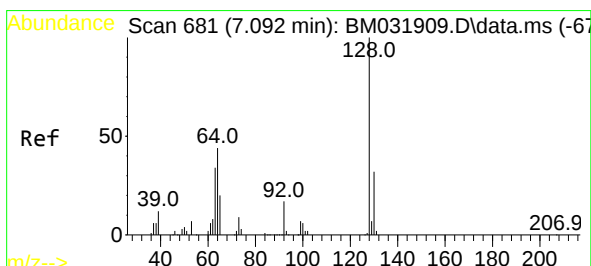
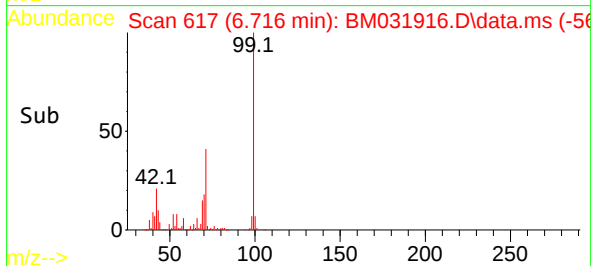
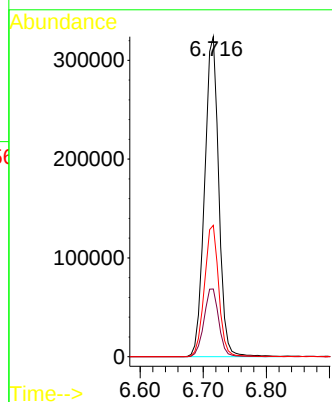
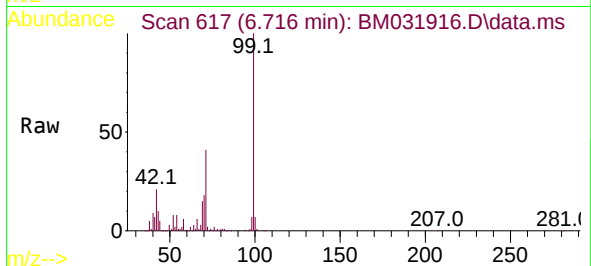




#7
Phenol-d6
Concen: 106.288 ng
RT: 6.716 min Scan# 617
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

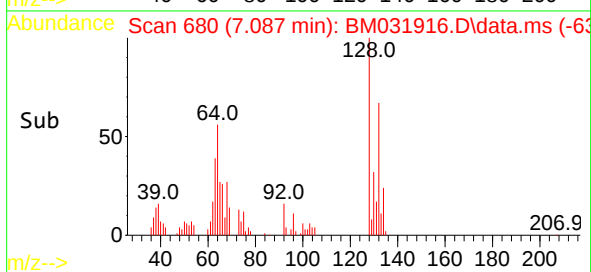
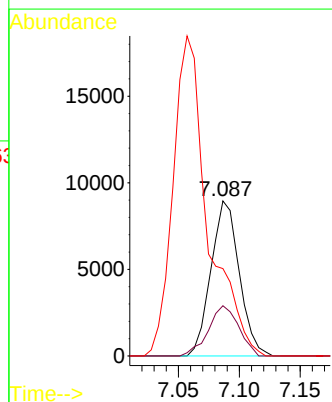
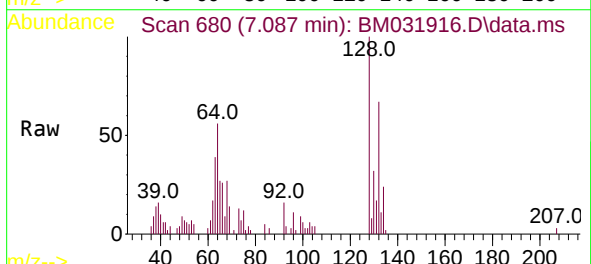
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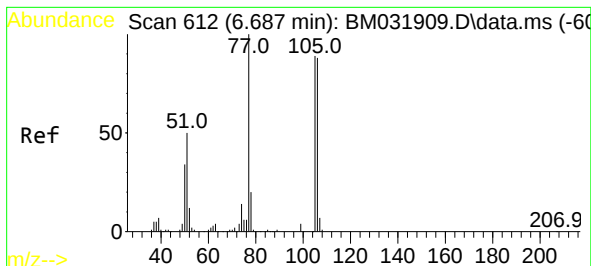
Tgt Ion: 99 Resp: 505662
Ion Ratio Lower Upper
99 100
42 21.2 23.0 34.6#
71 41.1 37.8 56.8



#8
2-Chlorophenol
Concen: 3.762 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 128 Resp: 14455
Ion Ratio Lower Upper
128 100
130 32.4 13.0 53.0
64 56.4 33.4 73.4





#9

Benzaldehyde

Concen: 5.102 ng

RT: 6.687 min Scan# 612

Delta R.T. -0.000 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

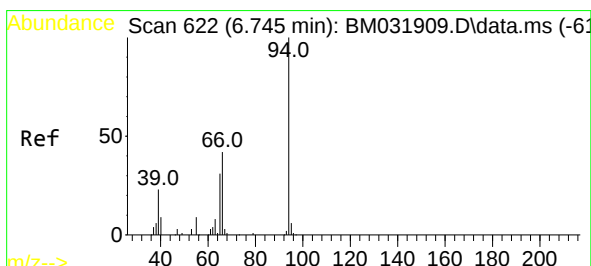
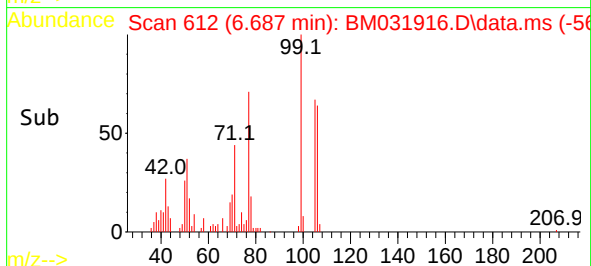
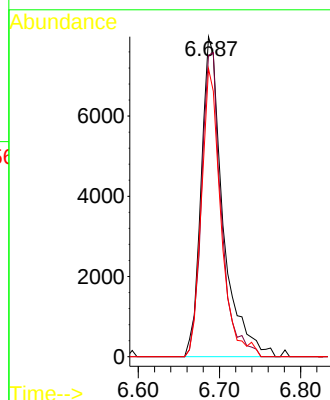
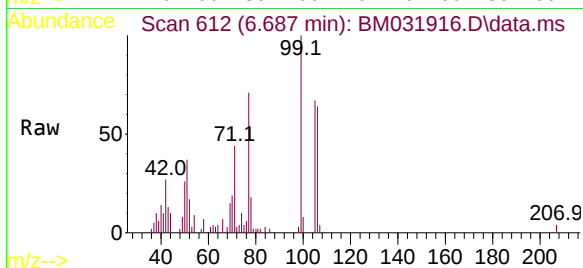
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	77	Resp:	14886
Ion Ratio	Lower	Upper	
77	100		
105	94.1	68.9	108.9
106	90.0	61.2	101.2



#10

Phenol

Concen: 3.891 ng

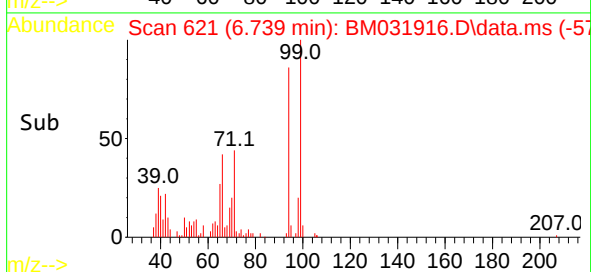
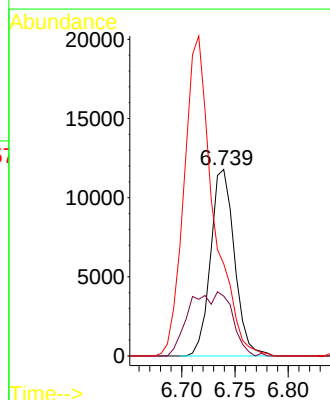
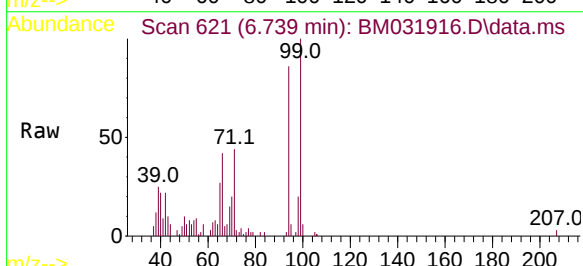
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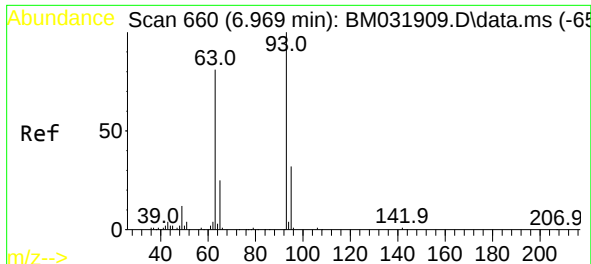
Delta R.T. -0.006 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

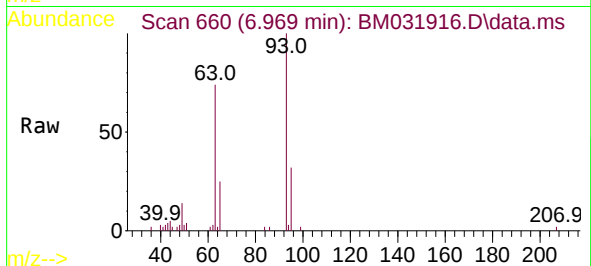
Tgt Ion:	94	Resp:	18364
Ion Ratio	Lower	Upper	
94	100		
65	32.1	16.9	56.9
66	49.4	30.0	70.0





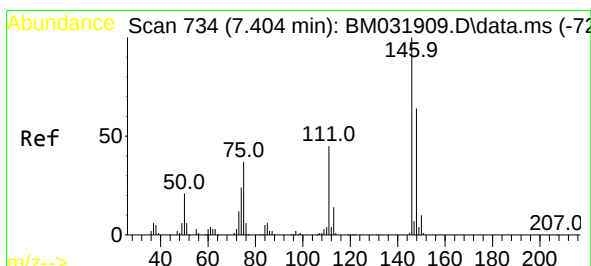
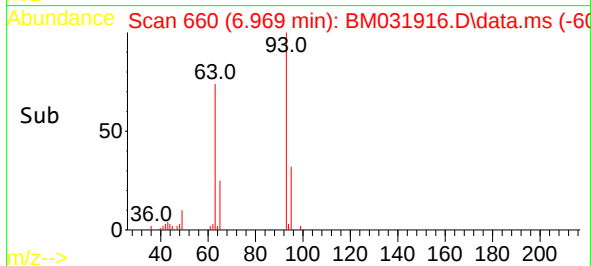
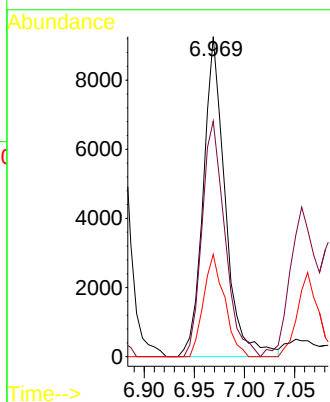
#11
bis(2-Chloroethyl)ether
Concen: 3.934 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion: 93 Resp: 14172

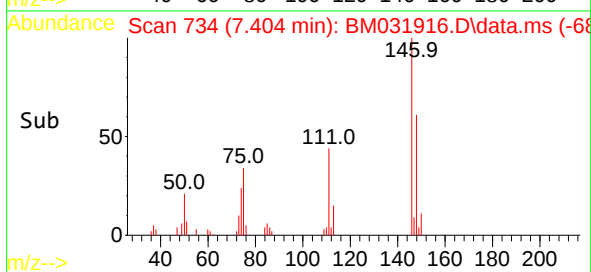
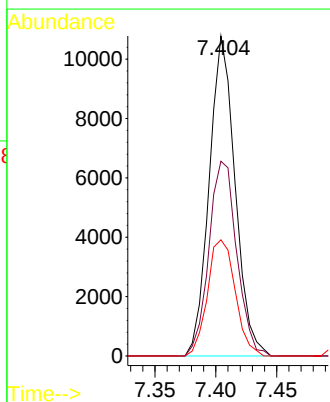
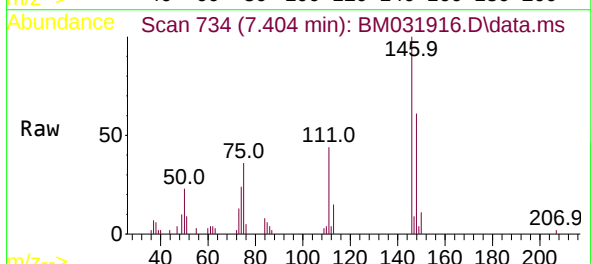
Ion	Ratio	Lower	Upper
93	100		
63	73.6	63.7	103.7
95	32.0	12.4	52.4

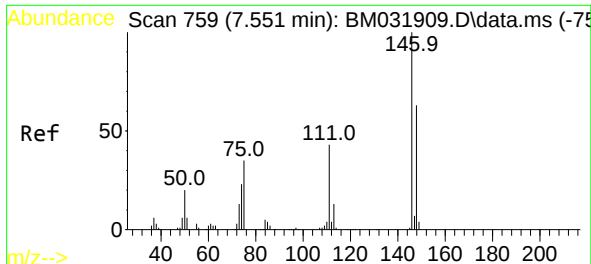


#12
1,3-Dichlorobenzene
Concen: 3.922 ng
RT: 7.404 min Scan# 734
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 146 Resp: 15987

Ion	Ratio	Lower	Upper
146	100		
148	60.9	52.3	78.5
75	36.3	34.2	51.2

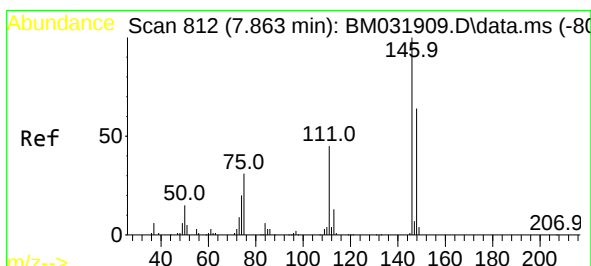
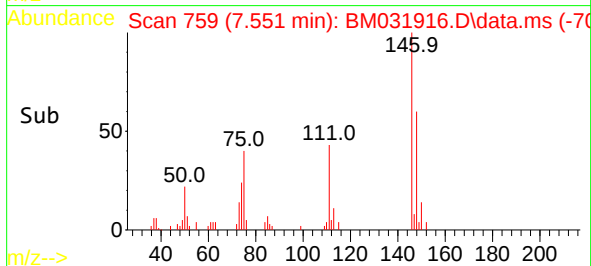
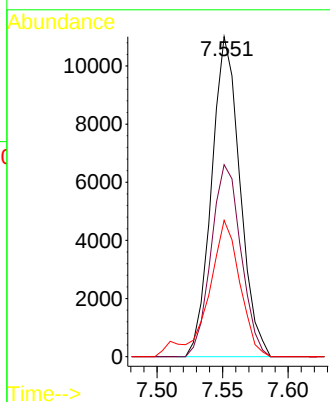
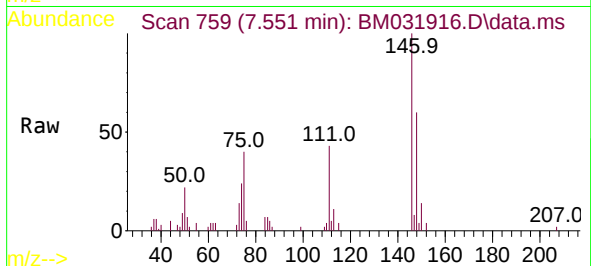




#13
1,4-Dichlorobenzene
Concen: 3.961 ng
RT: 7.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

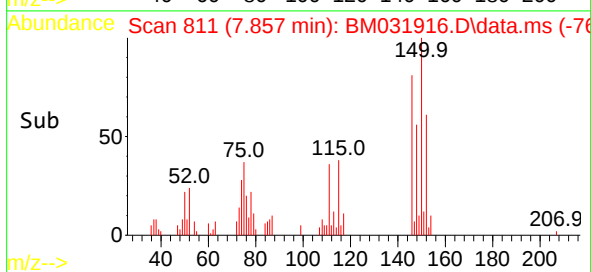
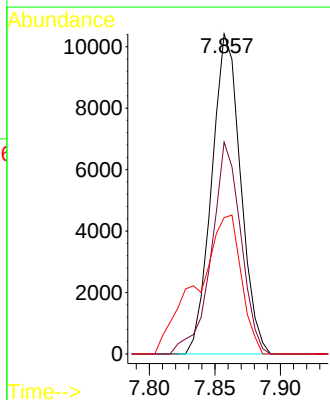
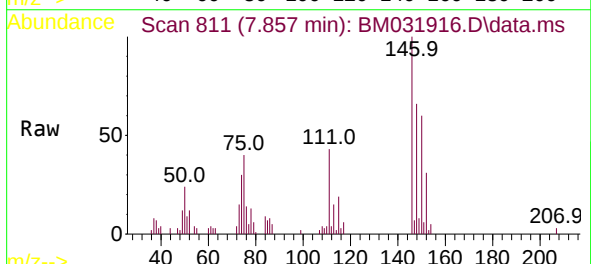
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

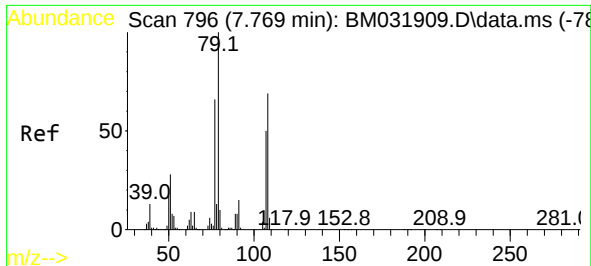
Tgt Ion:146 Resp: 16568
Ion Ratio Lower Upper
146 100
148 60.0 51.1 76.7
111 42.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 3.939 ng
RT: 7.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:146 Resp: 15939
Ion Ratio Lower Upper
146 100
148 66.2 51.7 77.5
111 42.6 38.2 57.2

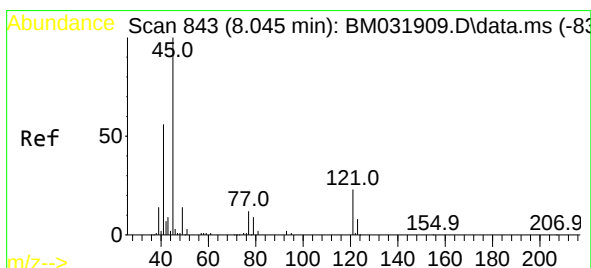
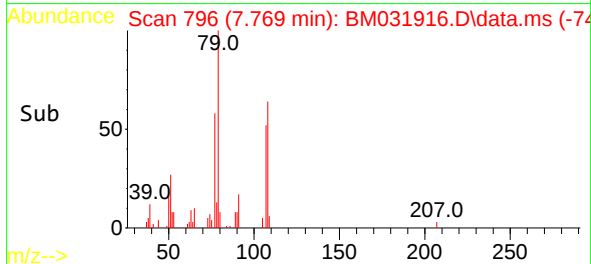
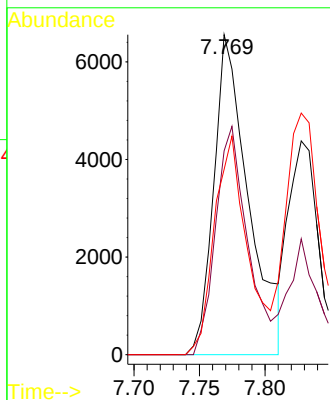
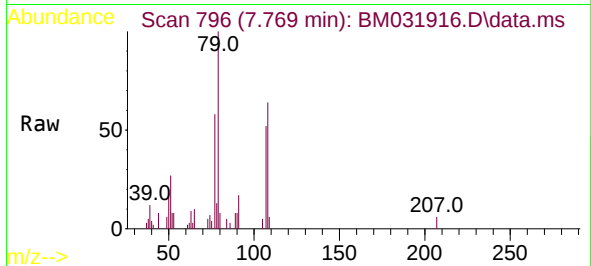




#15
Benzyl Alcohol
Concen: 3.363 ng
RT: 7.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

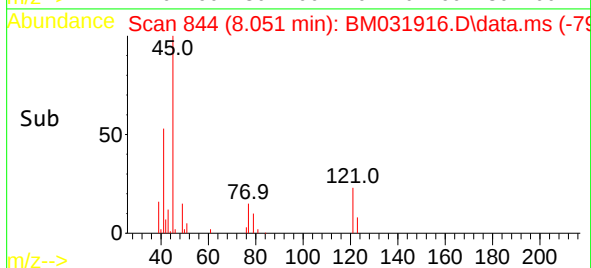
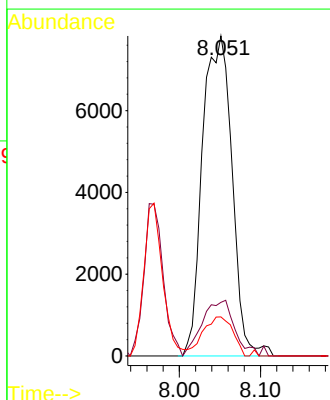
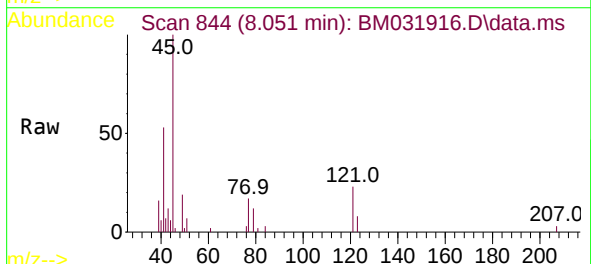
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

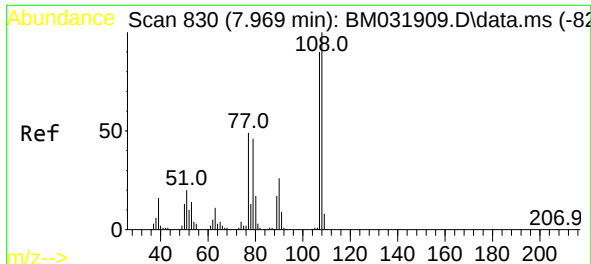
Tgt Ion:	79	Resp:	12065
Ion	Ratio	Lower	Upper
79	100		
108	63.7	53.6	80.4
77	57.9	57.7	86.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.008 ng
RT: 8.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

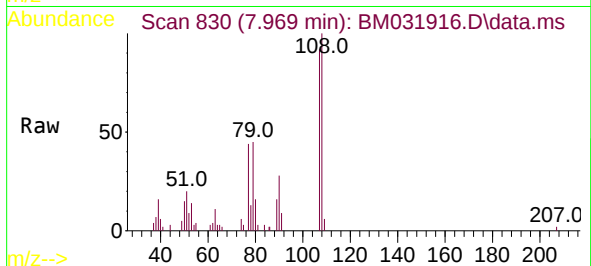
Tgt Ion:	45	Resp:	19825
Ion	Ratio	Lower	Upper
45	100		
77	16.8	0.0	36.1
79	12.2	0.0	30.5



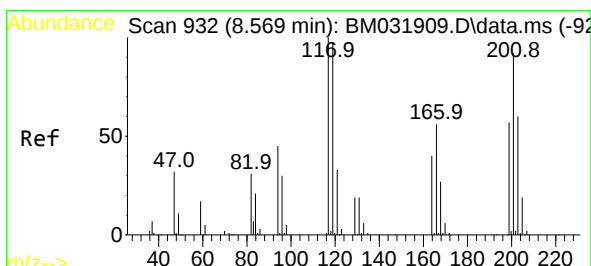
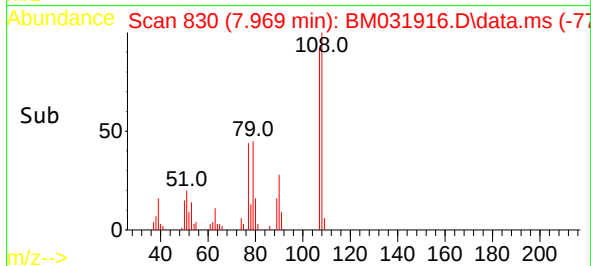
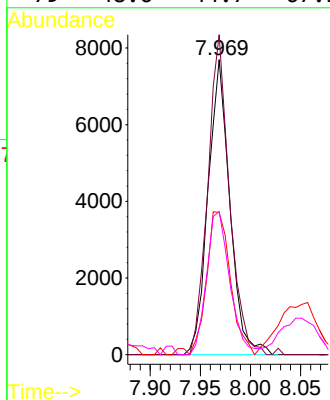


#17
2-Methylphenol
Concen: 3.648 ng
RT: 7.969 min Scan# 830
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

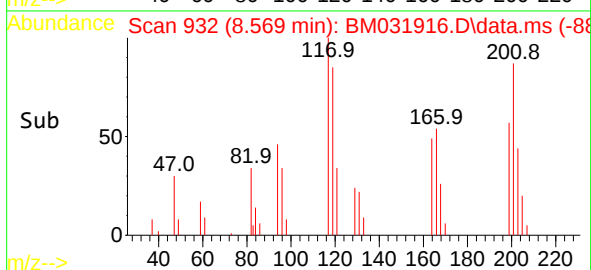
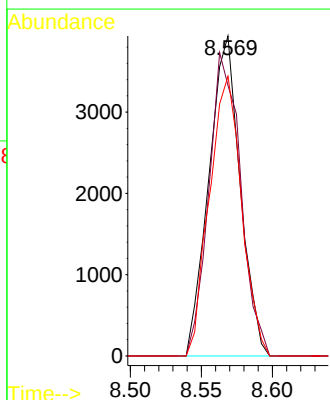
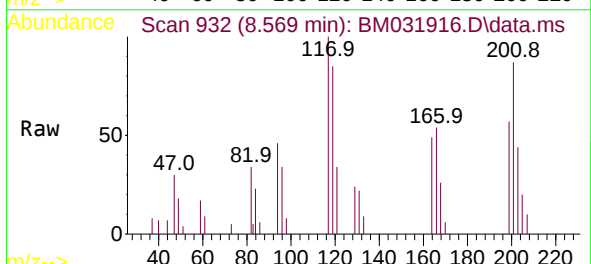


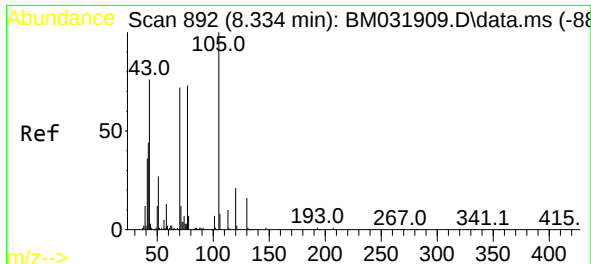
Tgt Ion:	107	Resp:	11656
Ion	Ratio	Lower	Upper
107	100		
108	108.5	87.9	131.9
77	48.2	48.2	72.2
79	48.6	44.7	67.1



#18
Hexachloroethane
Concen: 3.692 ng
RT: 8.569 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	117	Resp:	6027
Ion	Ratio	Lower	Upper
117	100		
119	84.5	77.7	116.5
201	87.4	70.2	105.2



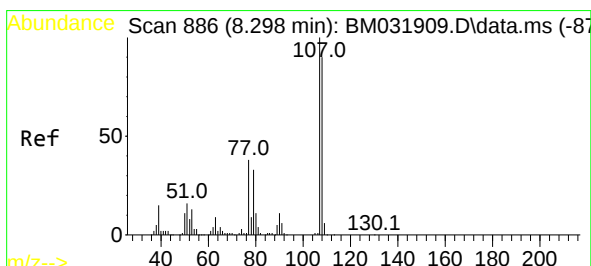
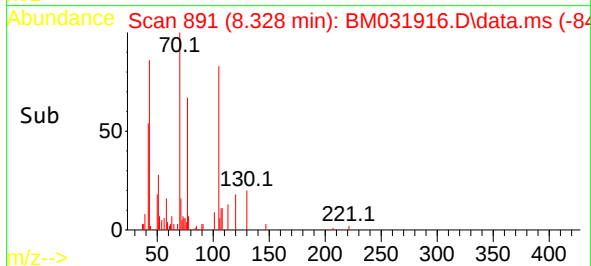
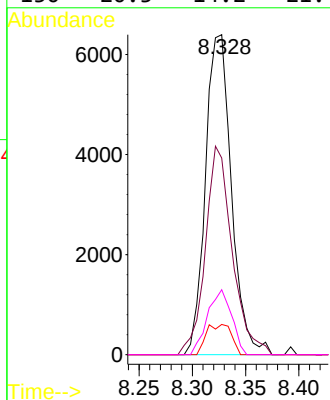
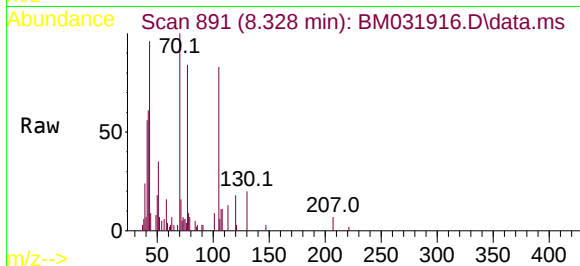


#19

n-Nitroso-di-n-propylamine
 Concen: 3.224 ng
 RT: 8.328 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: BM031916.D
 Acq: 26 Aug 2021 16:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

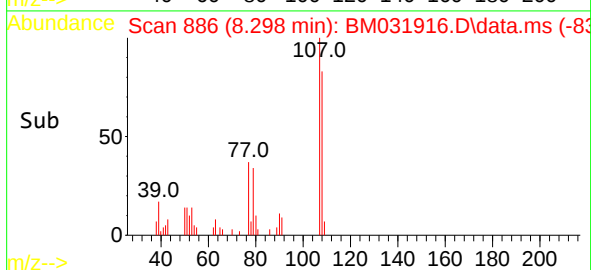
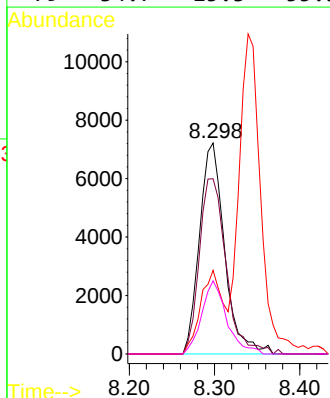
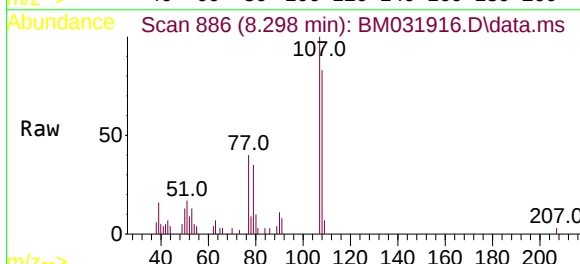
Tgt Ion:	70	Resp:	10870
Ion	Ratio	Lower	Upper
70	100		
42	61.4	56.3	84.5
101	9.5	7.8	11.6
130	20.3	14.2	21.4

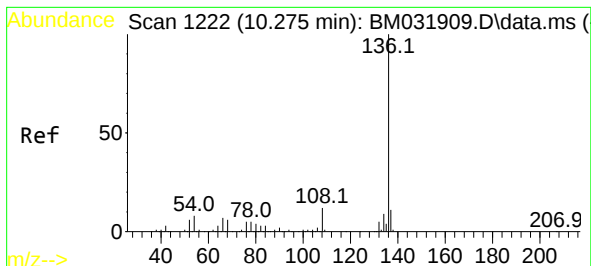


#20

3+4-Methylphenols
 Concen: 3.341 ng
 RT: 8.298 min Scan# 886
 Delta R.T. -0.000 min
 Lab File: BM031916.D
 Acq: 26 Aug 2021 16:26

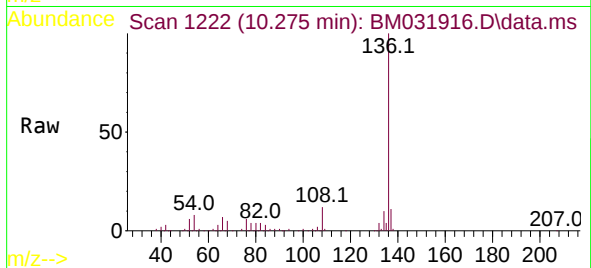
Tgt Ion:	107	Resp:	14746
Ion	Ratio	Lower	Upper
107	100		
108	83.1	67.6	107.6
77	39.6	21.9	61.9
79	34.7	15.3	55.3



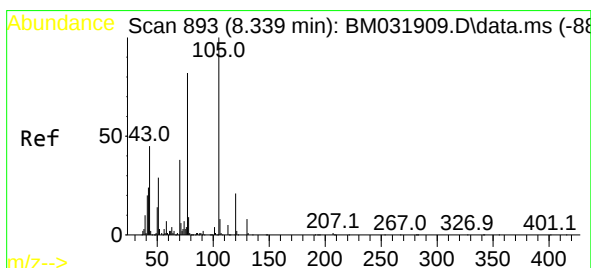
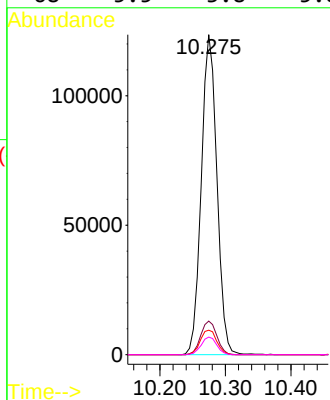
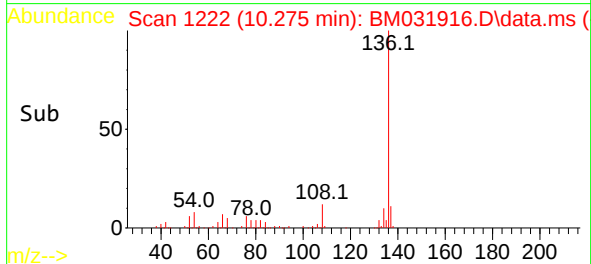


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

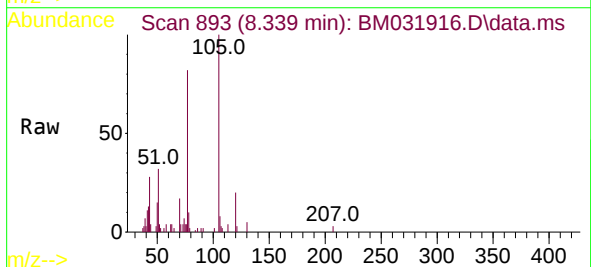
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021



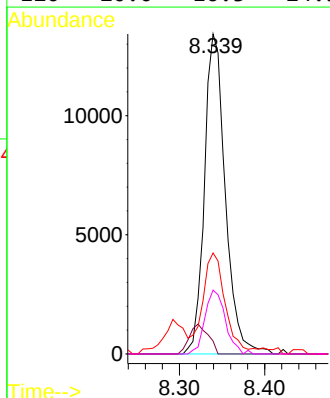
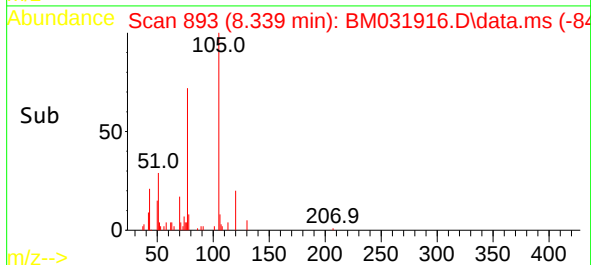
Tgt Ion:	136	Resp:	204917
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	7.6	7.4	11.0
68	5.5	3.8	5.8

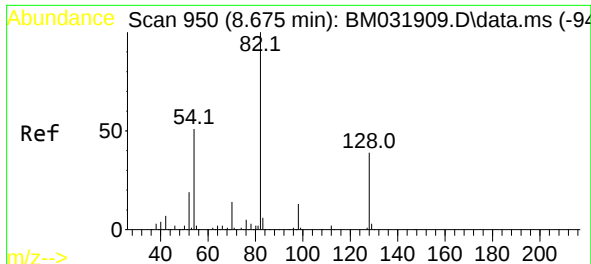


#22
Acetophenone
Concen: 4.104 ng
RT: 8.339 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26



Tgt Ion:	105	Resp:	22850
Ion	Ratio	Lower	Upper
105	100		
71	4.1	3.8	5.6
51	31.6	29.5	44.3
120	20.0	16.3	24.5

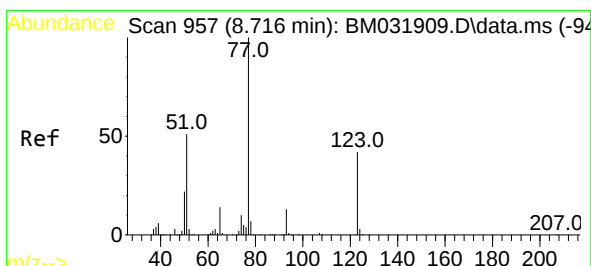
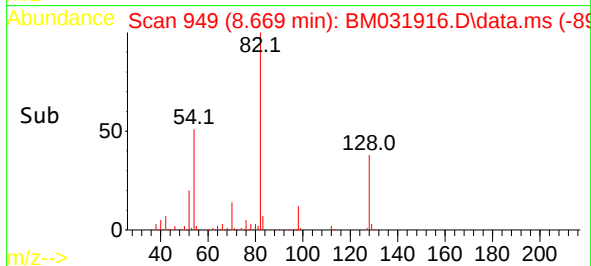
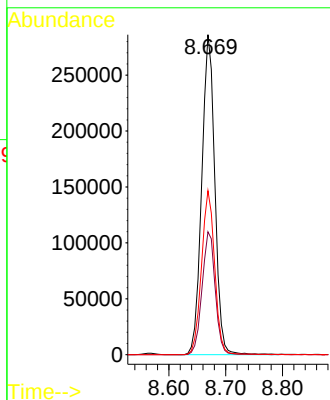
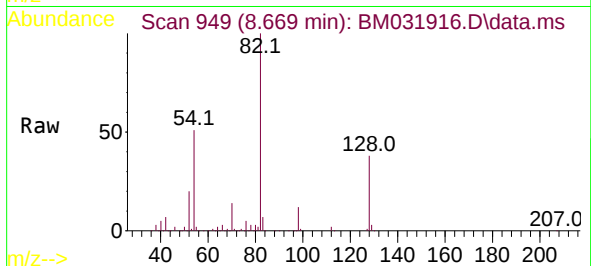




#23
Nitrobenzene-d5
Concen: 101.120 ng
RT: 8.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

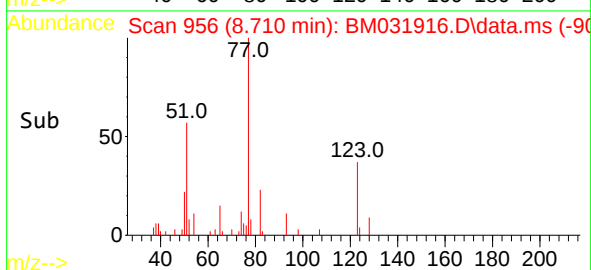
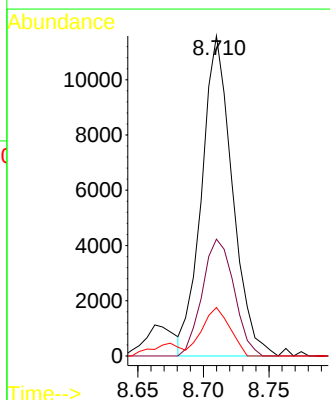
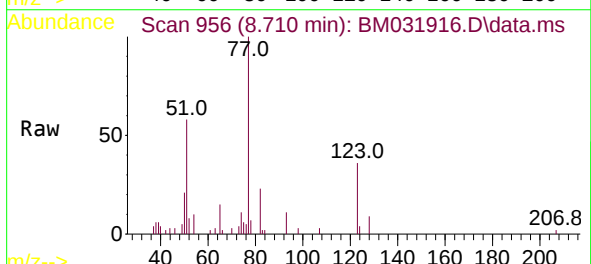
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

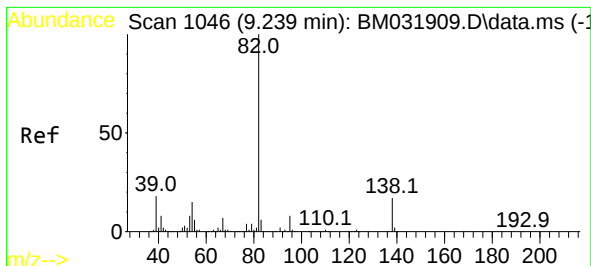
Tgt Ion: 82 Resp: 458088
Ion Ratio Lower Upper
82 100
128 38.4 29.0 43.6
54 51.2 45.8 68.8



#24
Nitrobenzene
Concen: 4.094 ng
RT: 8.710 min Scan# 956
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 77 Resp: 18854
Ion Ratio Lower Upper
77 100
123 36.5 30.1 45.1
65 15.1 11.7 17.5





#25

Isophorone

Concen: 3.538 ng

RT: 9.233 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

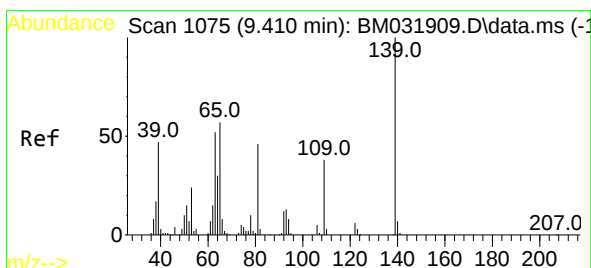
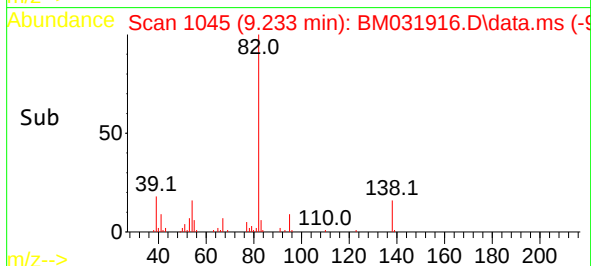
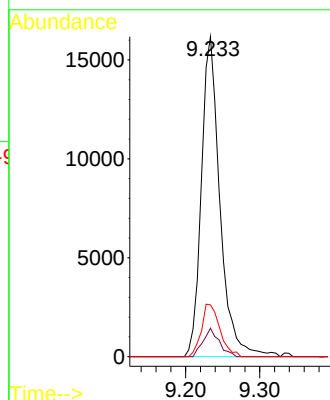
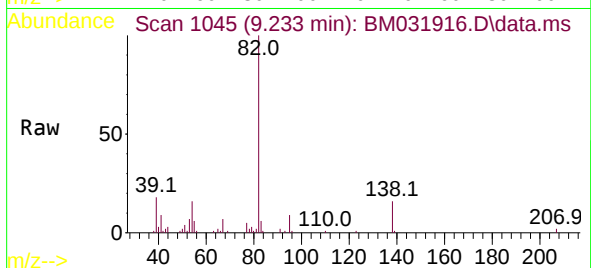
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	82	Resp:	28202
Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.4	9.6
138	16.2	12.4	18.6



#26

2-Nitrophenol

Concen: 3.399 ng

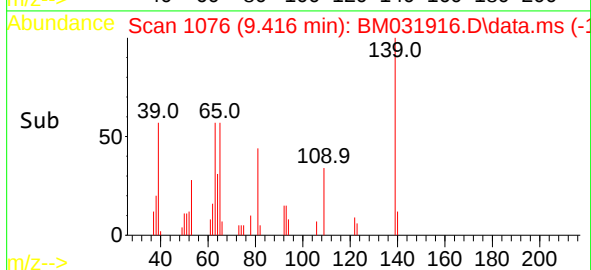
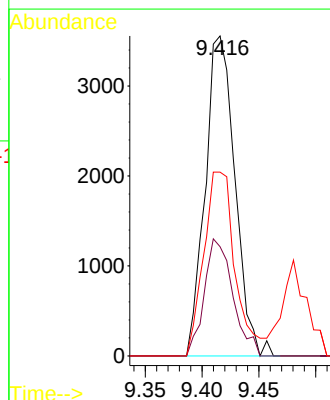
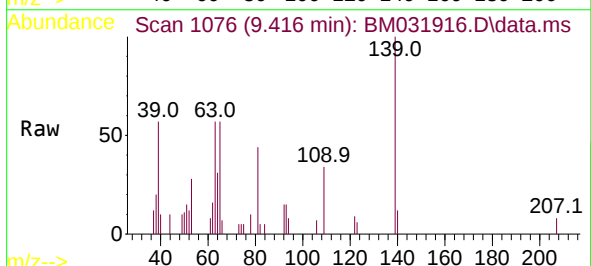
RT: 9.416 min Scan# 1076

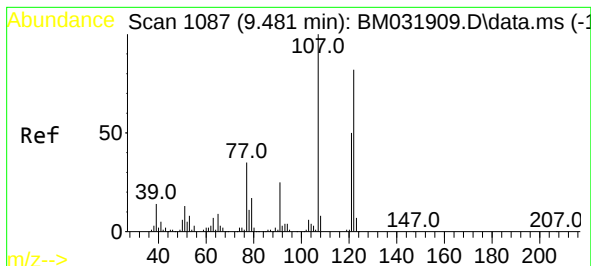
Delta R.T. 0.006 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

Tgt Ion:	139	Resp:	6478
Ion	Ratio	Lower	Upper
139	100		
109	34.1	34.8	52.2#
65	57.5	59.9	89.9#

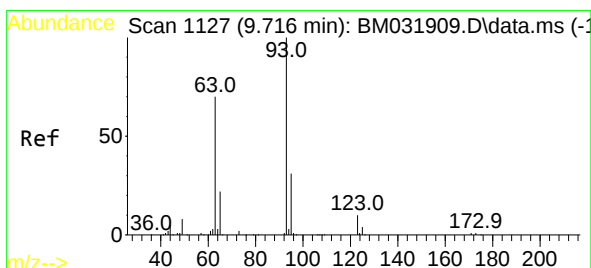
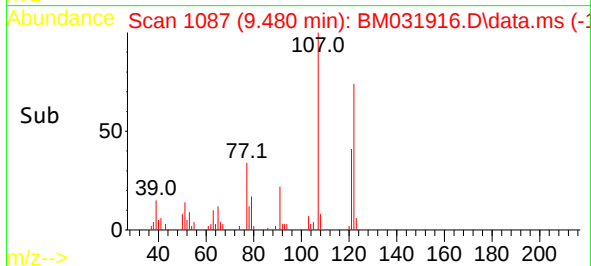
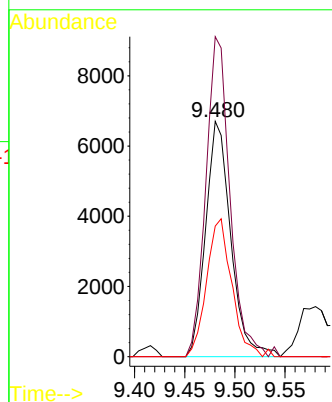
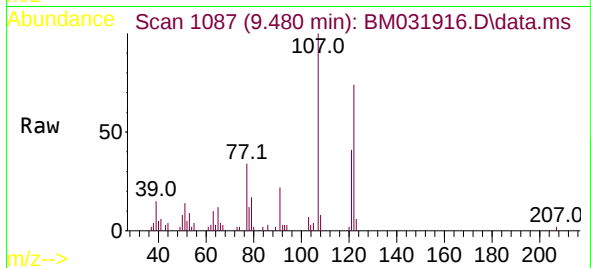




#27
2,4-Dimethylphenol
Concen: 4.020 ng
RT: 9.480 min Scan# 1087
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

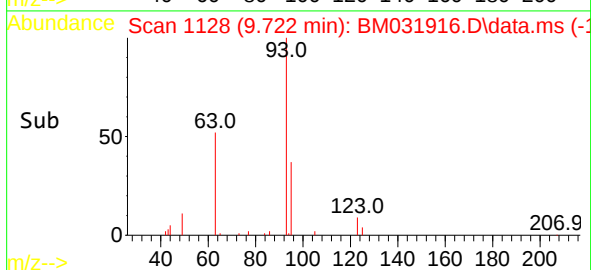
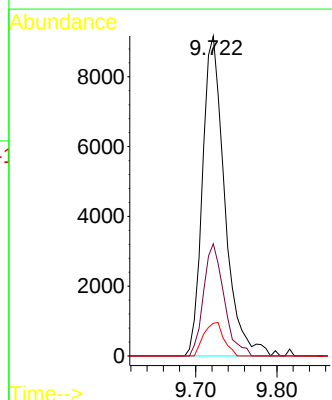
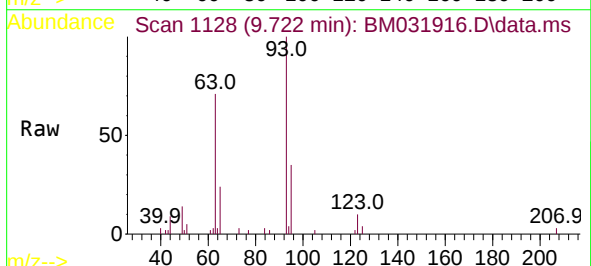
Instrument :
BNA_M
ClientSampleId :
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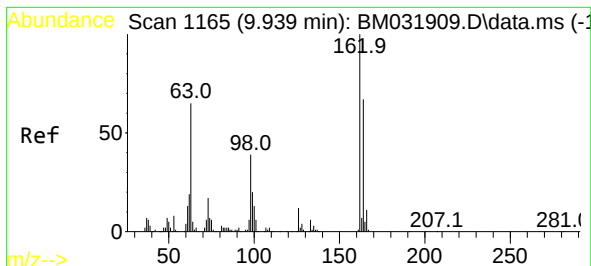
Tgt Ion:122 Resp: 11699
Ion Ratio Lower Upper
122 100
107 136.0 100.6 150.8
121 55.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.162 ng
RT: 9.722 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 93 Resp: 17447
Ion Ratio Lower Upper
93 100
95 35.1 25.8 38.8
123 10.2 8.8 13.2

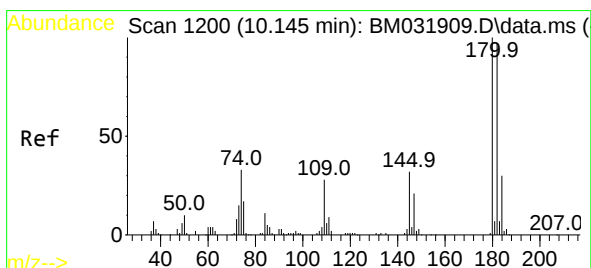
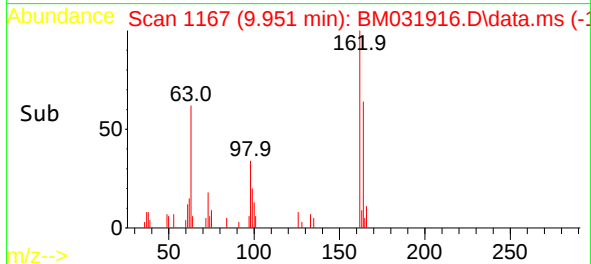
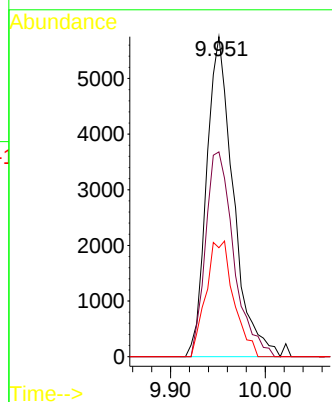
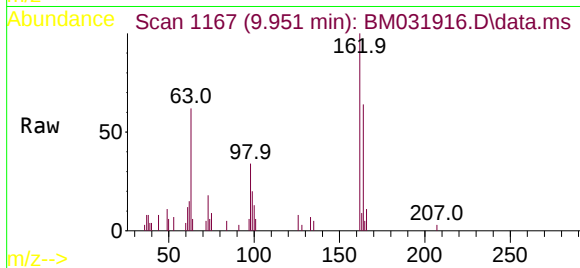




#29
2,4-Dichlorophenol
Concen: 3.441 ng
RT: 9.951 min Scan# 1167
Delta R.T. 0.012 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

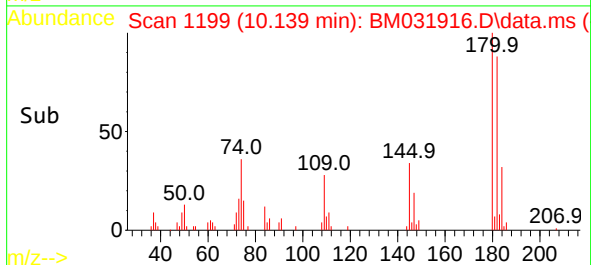
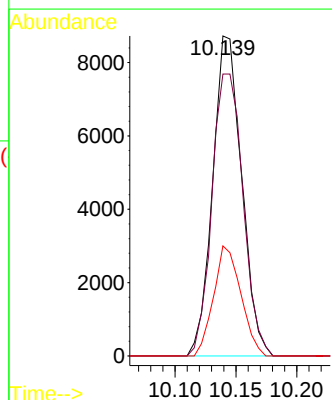
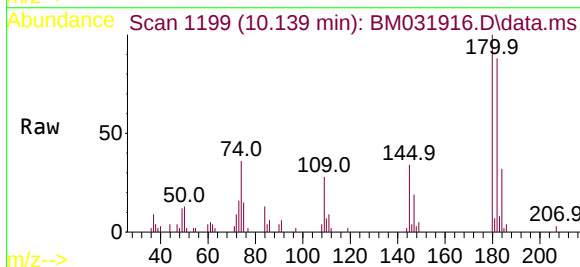
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

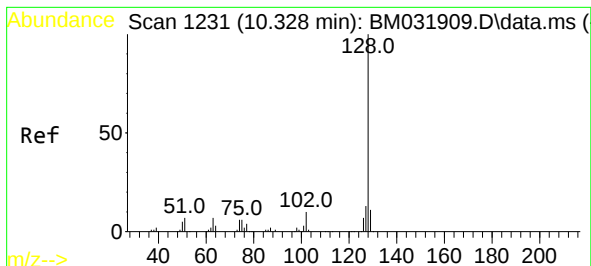
Tgt Ion:	162	Resp:	11238
Ion	Ratio	Lower	Upper
162	100		
164	64.0	47.4	87.4
98	34.0	18.9	58.9



#30
1,2,4-Trichlorobenzene
Concen: 4.062 ng
RT: 10.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	180	Resp:	14481
Ion	Ratio	Lower	Upper
180	100		
182	88.1	75.5	113.3
145	34.4	26.2	39.2

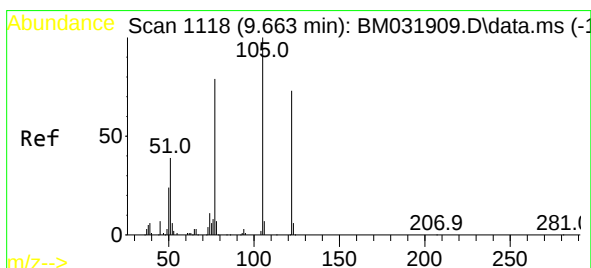
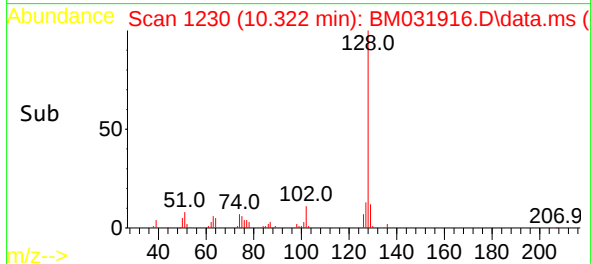
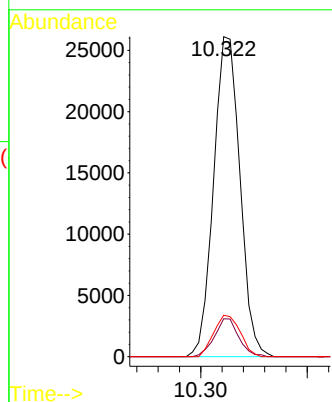
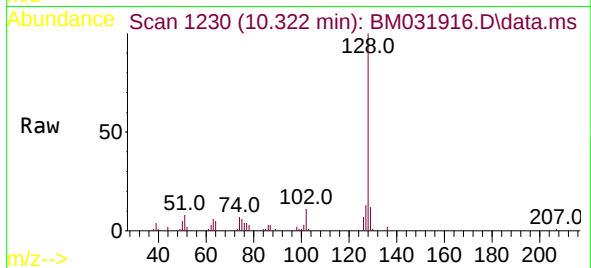




#31
Naphthalene
Concen: 3.947 ng
RT: 10.322 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

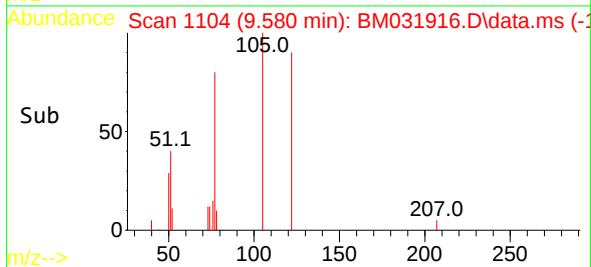
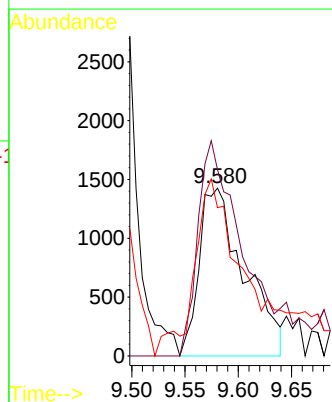
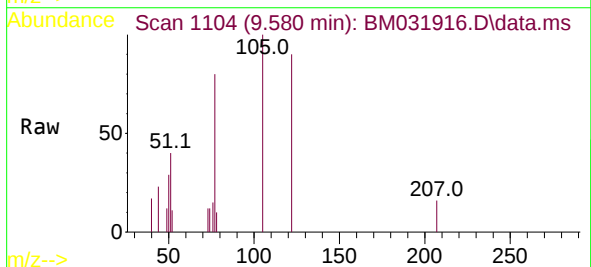
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

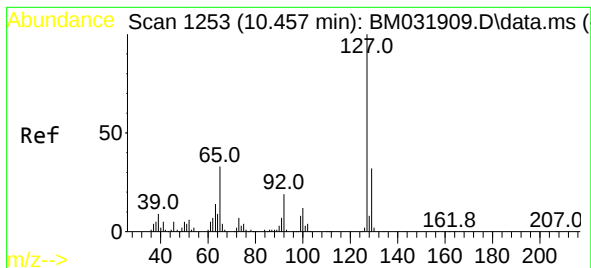
Tgt Ion:128 Resp: 44780
Ion Ratio Lower Upper
128 100
129 11.8 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 1.801 ng
RT: 9.580 min Scan# 1104
Delta R.T. -0.082 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:122 Resp: 4208
Ion Ratio Lower Upper
122 100
105 111.1 120.3 160.3#
77 88.4 100.0 140.0#

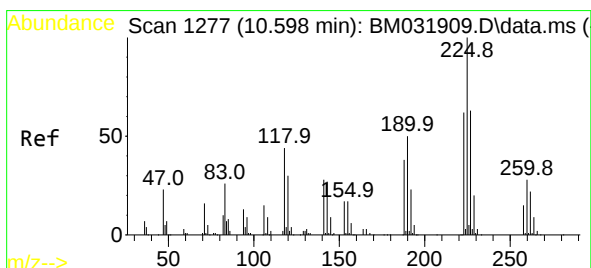
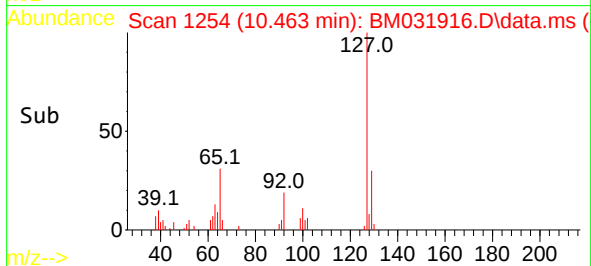
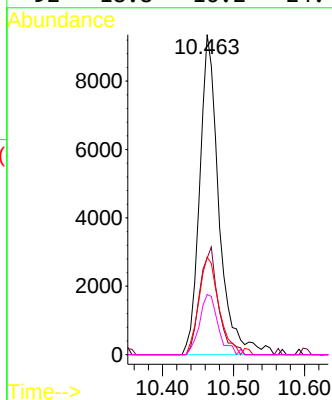
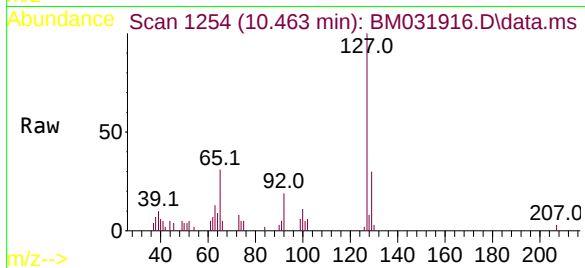




#33
4-Chloroaniline
Concen: 3.834 ng
RT: 10.463 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

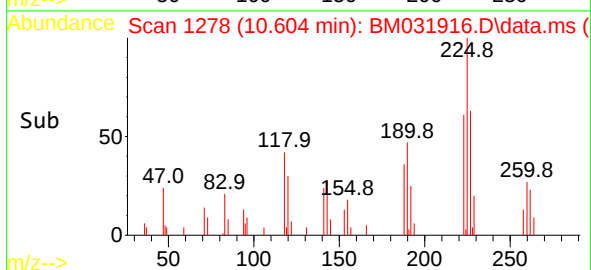
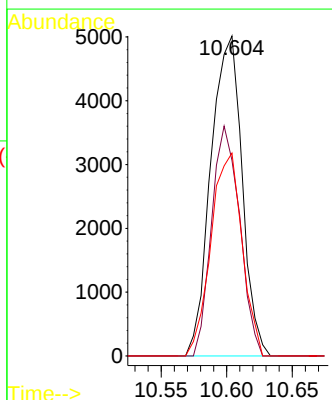
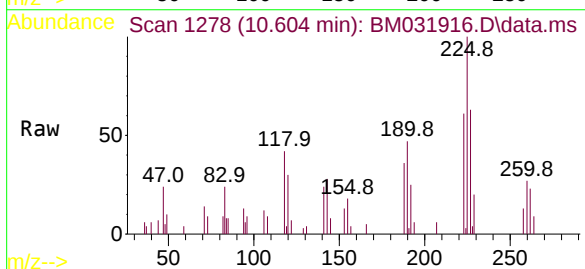
Instrument :
BNA_M
ClientSampleId :
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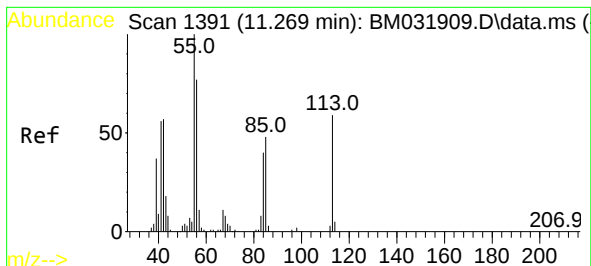
Tgt Ion:	127	Resp:	17694
Ion	Ratio	Lower	Upper
127	100		
129	30.1	25.6	38.4
65	30.5	30.4	45.6
92	18.8	16.2	24.4



#34
Hexachlorobutadiene
Concen: 3.840 ng
RT: 10.604 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	225	Resp:	8295
Ion	Ratio	Lower	Upper
225	100		
223	61.2	52.6	78.8
227	63.4	51.2	76.8

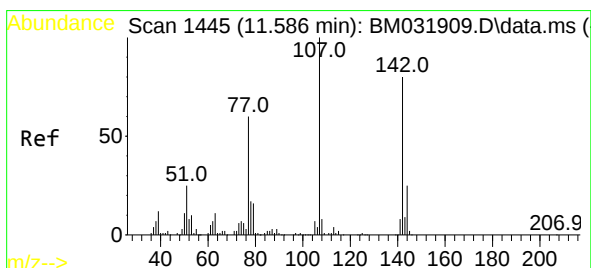
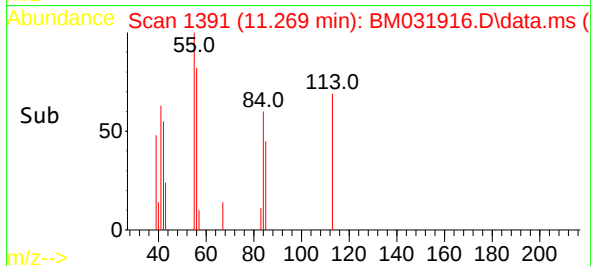
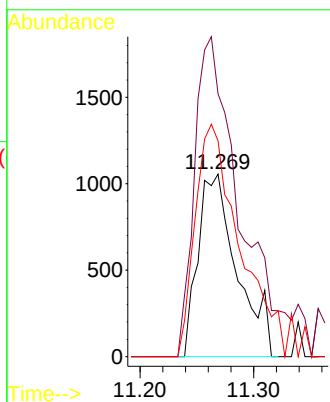
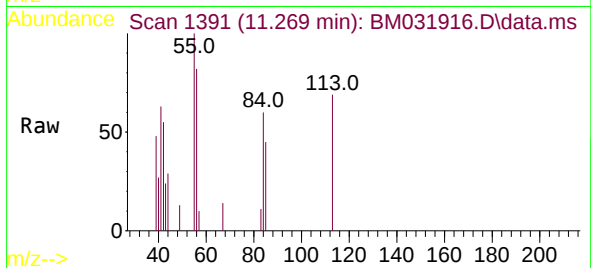




#35
Caprolactam
Concen: 2.454 ng
RT: 11.269 min Scan# 1391
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

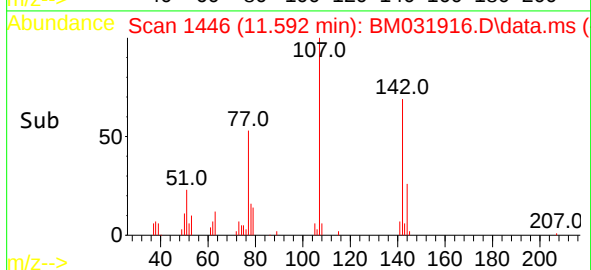
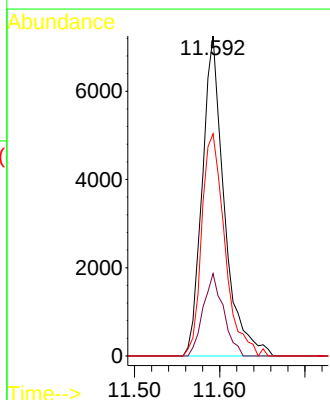
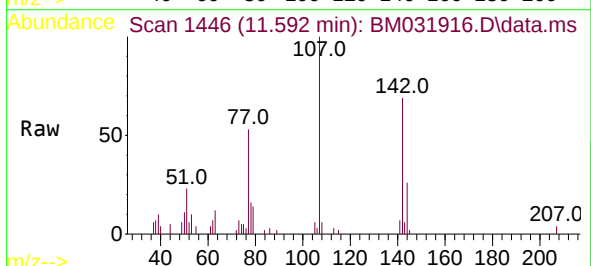
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

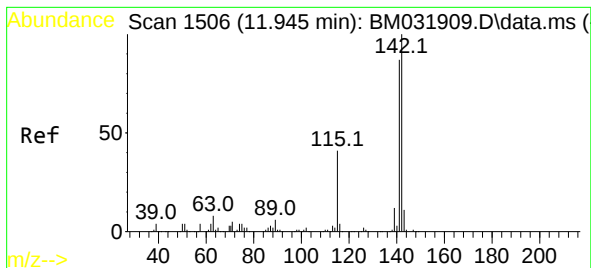
Tgt Ion:113 Resp: 2513
Ion Ratio Lower Upper
113 100
55 144.0 170.5 210.5#
56 118.2 125.2 165.2#



#36
4-Chloro-3-methylphenol
Concen: 3.407 ng
RT: 11.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:107 Resp: 13023
Ion Ratio Lower Upper
107 100
144 25.8 19.3 28.9
142 69.5 60.5 90.7

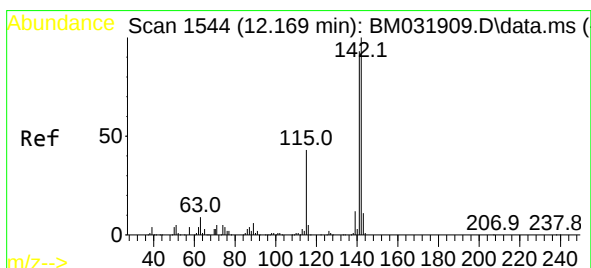
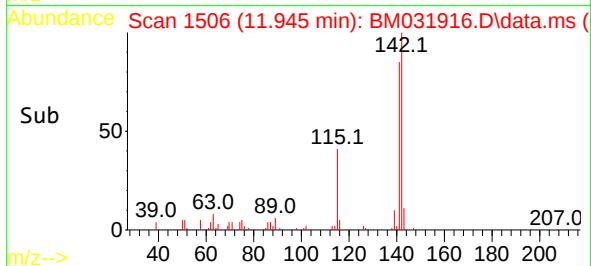
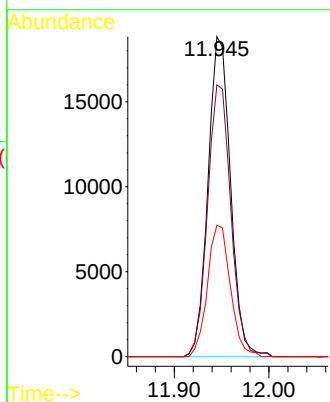
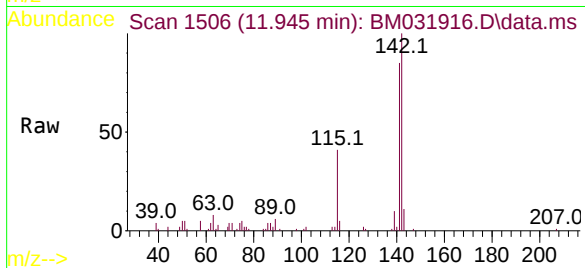




#37
2-Methylnaphthalene
Concen: 3.780 ng
RT: 11.945 min Scan# 1506
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

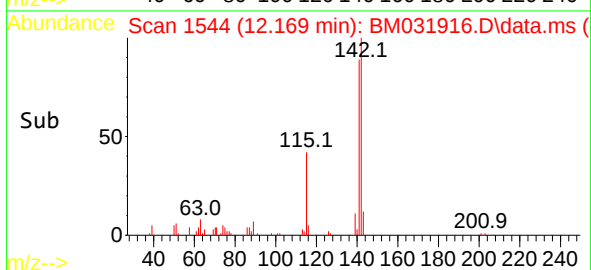
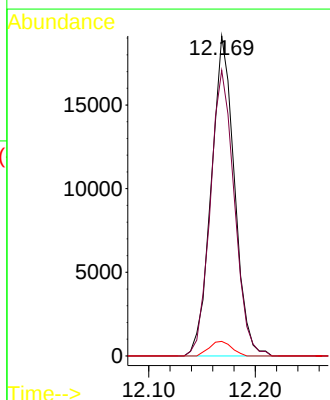
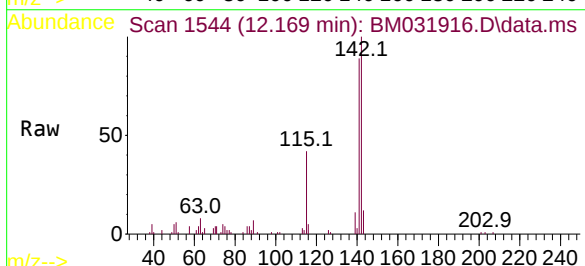
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

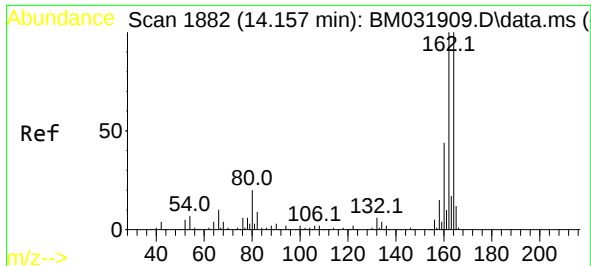
Tgt Ion:142	Resp:	31092
Ion Ratio	Lower	Upper
142	100	
141	84.9	71.8 107.6
115	41.1	36.3 54.5



#38
1-Methylnaphthalene
Concen: 3.681 ng
RT: 12.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:142	Resp:	28895
Ion Ratio	Lower	Upper
142	100	
141	89.3	75.6 113.4
116	4.5	4.0 6.0

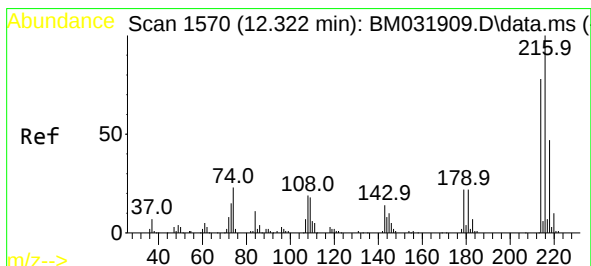
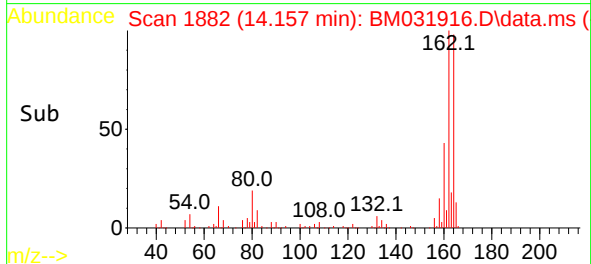
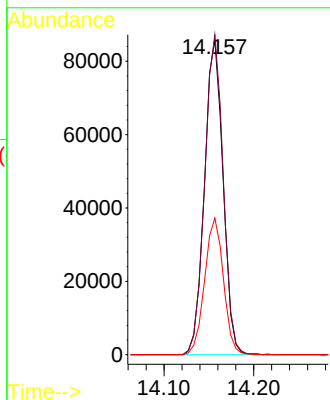
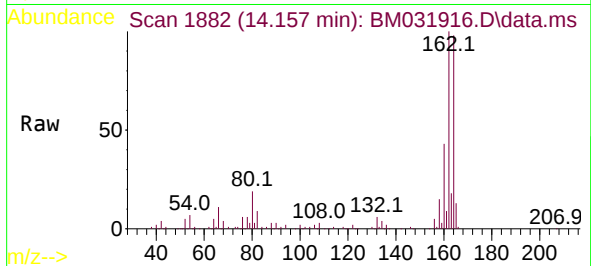




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

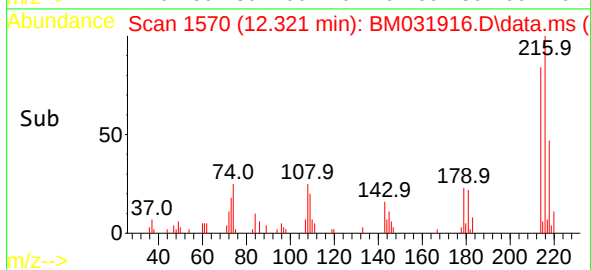
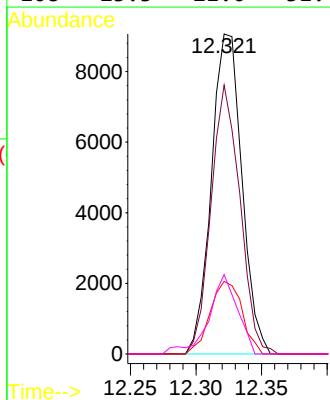
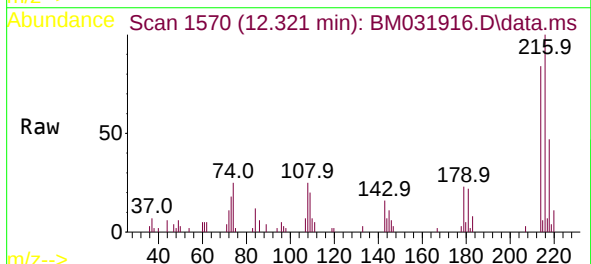
Instrument :
BNA_M
ClientSampleId :
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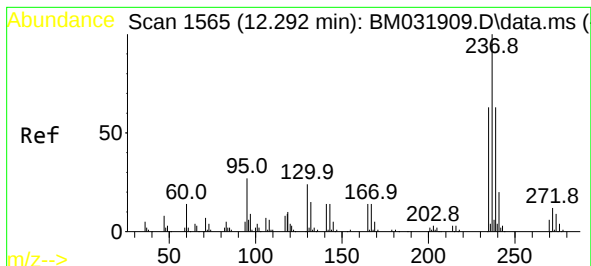
Tgt Ion:164 Resp: 123061
Ion Ratio Lower Upper
164 100
162 101.7 80.6 121.0
160 43.4 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.130 ng
RT: 12.321 min Scan# 1570
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:216 Resp: 14672
Ion Ratio Lower Upper
216 100
214 79.5 62.5 93.7
179 23.7 18.7 28.1
108 23.3 21.0 31.4

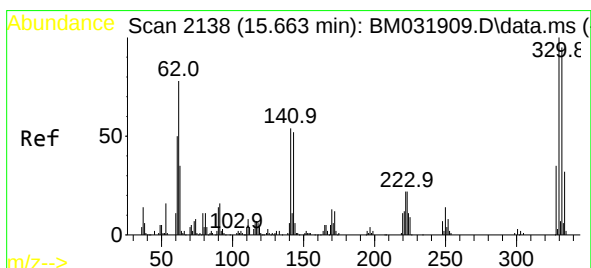
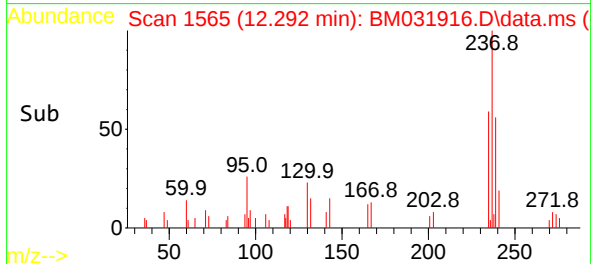
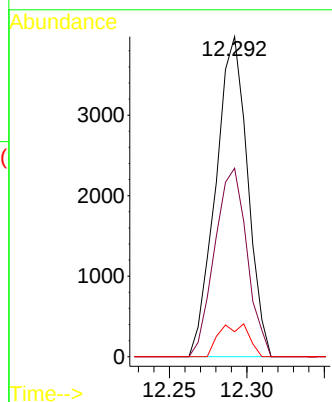
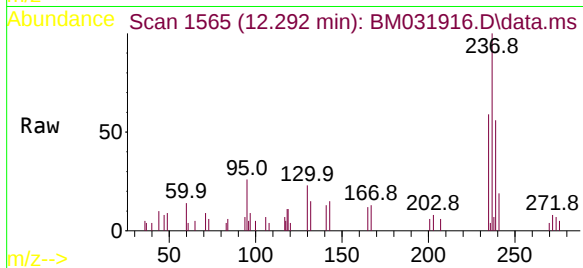




#41
Hexachlorocyclopentadiene
Concen: 3.450 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

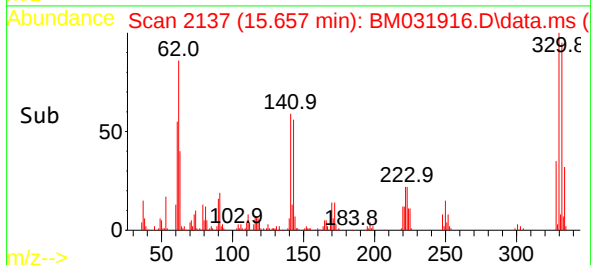
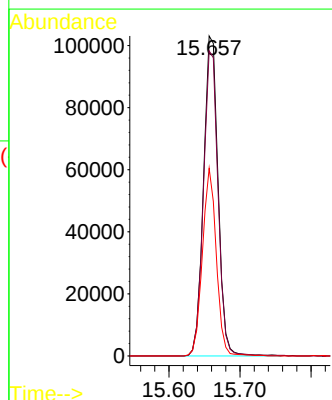
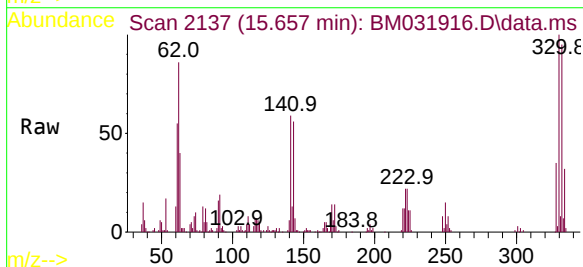
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

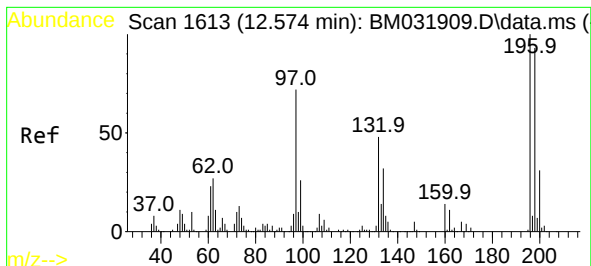
Tgt Ion:	237	Resp:	5679
Ion	Ratio	Lower	Upper
237	100		
235	58.9	44.4	84.4
272	7.8	0.0	31.4



#42
2,4,6-Tribromophenol
Concen: 110.875 ng
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	330	Resp:	147288
Ion	Ratio	Lower	Upper
330	100		
332	95.7	75.7	113.5
141	56.0	50.7	76.1

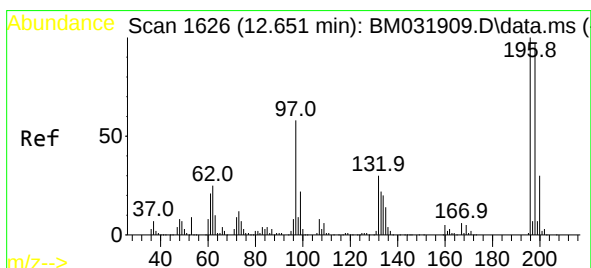
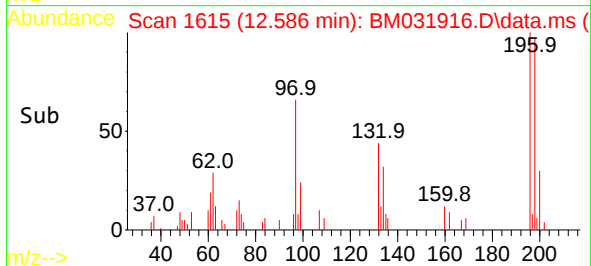
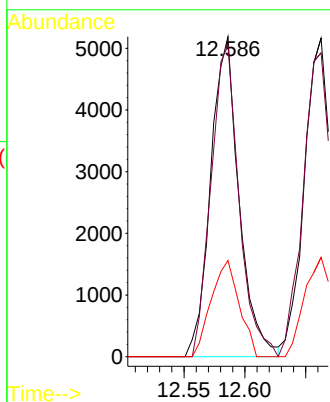
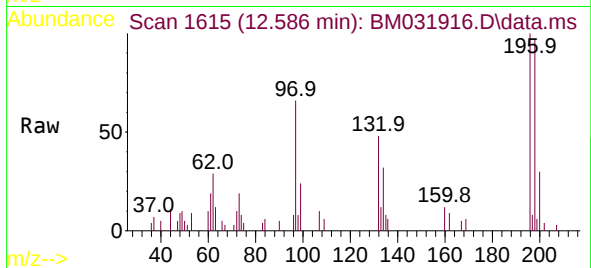




#43
2,4,6-Trichlorophenol
Concen: 3.328 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.012 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

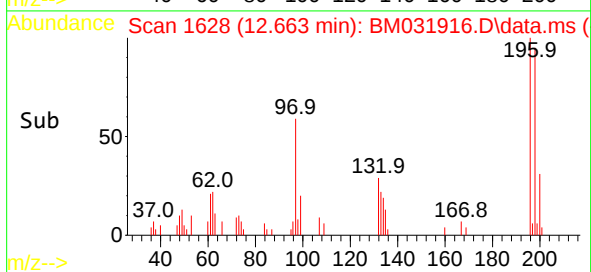
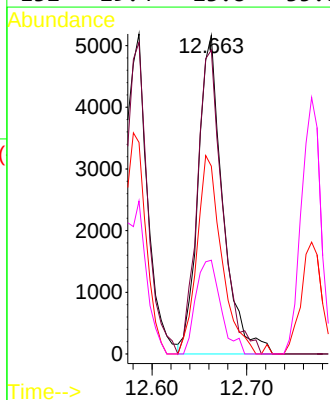
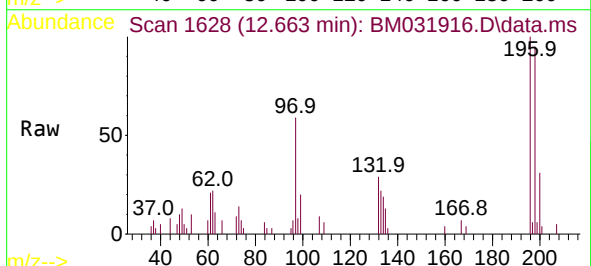
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

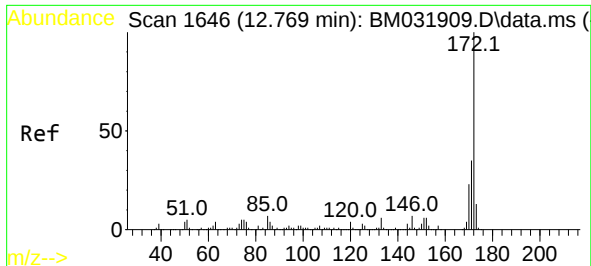
Tgt Ion:196	Resp:	8409
Ion Ratio	Lower	Upper
196	100	
198	97.3	73.6 110.4
200	30.1	22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 3.412 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.012 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:196	Resp:	9366
Ion Ratio	Lower	Upper
196	100	
198	95.3	77.0 115.4
97	58.9	53.9 80.9
132	29.4	23.8 35.8

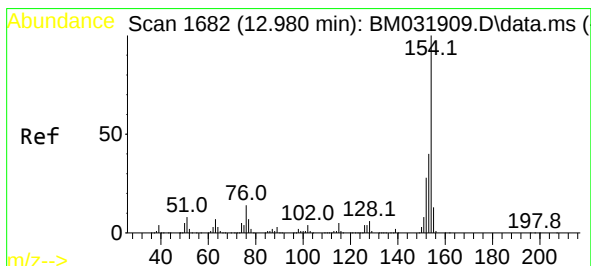
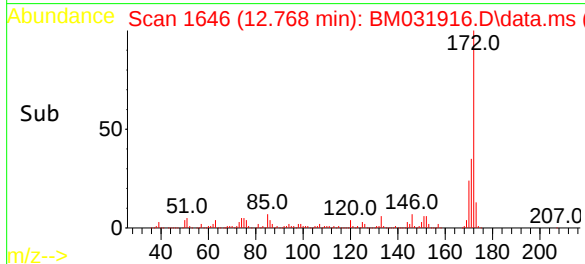
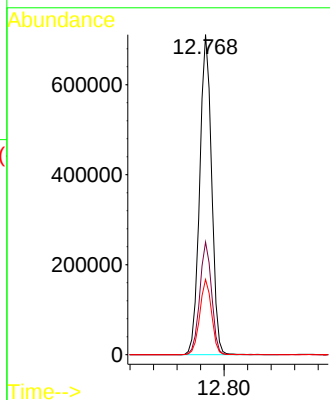
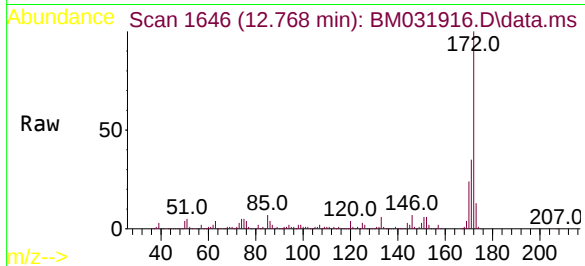




#45
2-Fluorobiphenyl
Concen: 109.791 ng
RT: 12.768 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

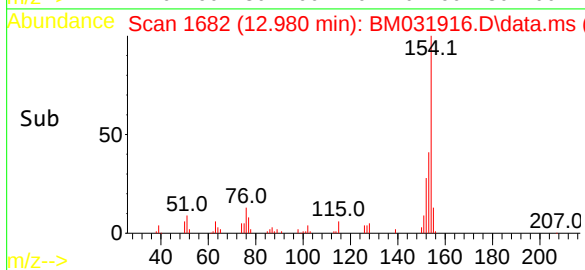
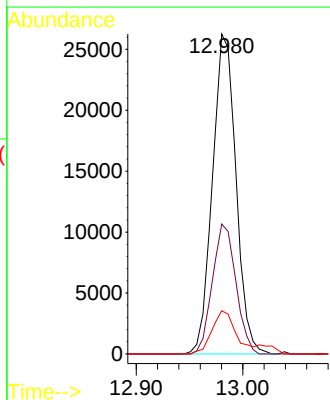
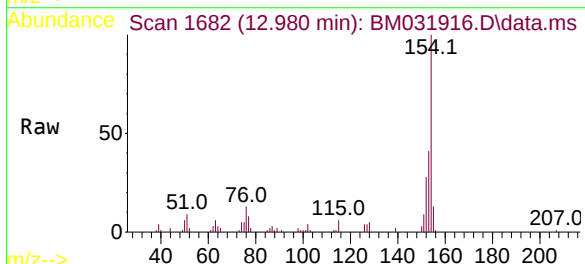
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

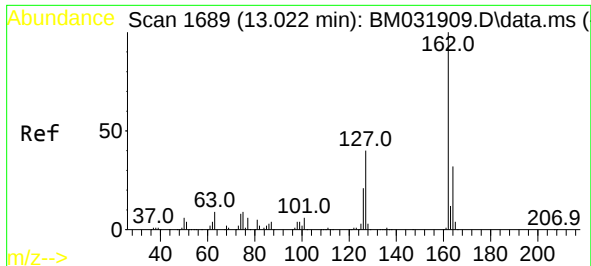
Tgt Ion:172 Resp: 999029
Ion Ratio Lower Upper
172 100
171 35.2 28.1 42.1
170 23.5 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.167 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:154 Resp: 40158
Ion Ratio Lower Upper
154 100
153 40.6 20.3 60.3
76 13.5 0.0 33.5

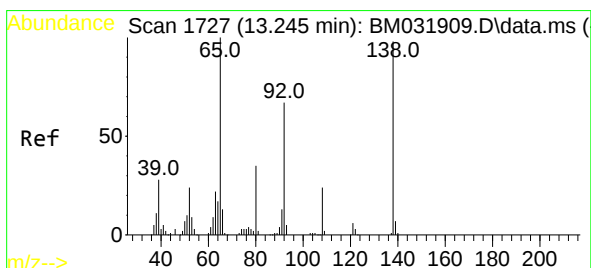
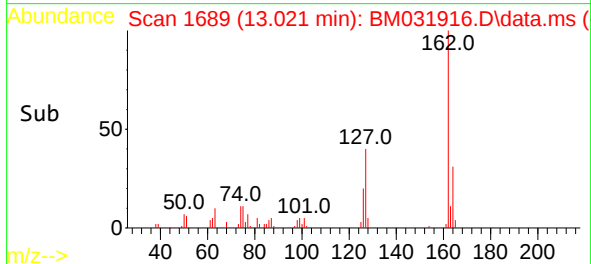
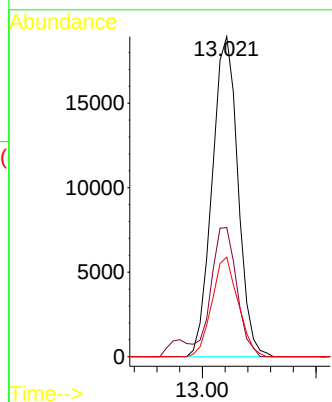
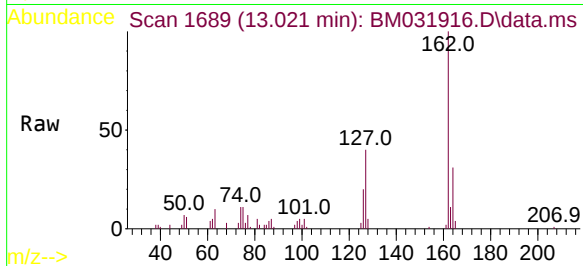




#47
2-Chloronaphthalene
Concen: 3.937 ng
RT: 13.021 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

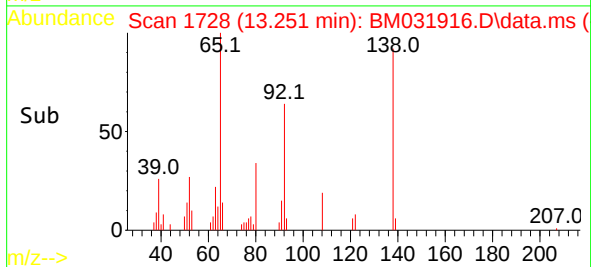
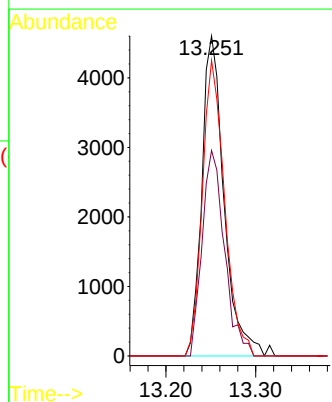
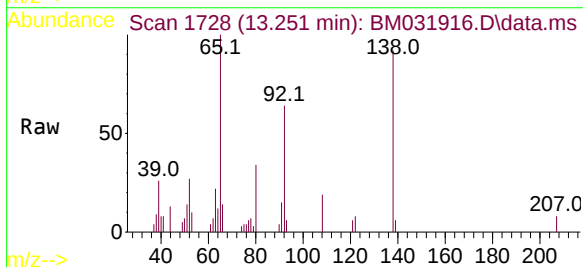
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

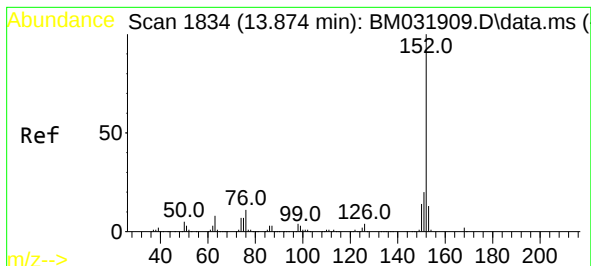
Tgt Ion:	162	Resp:	29908
Ion Ratio	Lower	Upper	
162	100		
127	40.3	33.2	49.8
164	31.1	25.7	38.5



#48
2-Nitroaniline
Concen: 3.263 ng
RT: 13.251 min Scan# 1728
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	65	Resp:	7922
Ion Ratio	Lower	Upper	
65	100		
92	64.2	51.2	76.8
138	92.4	66.8	100.2

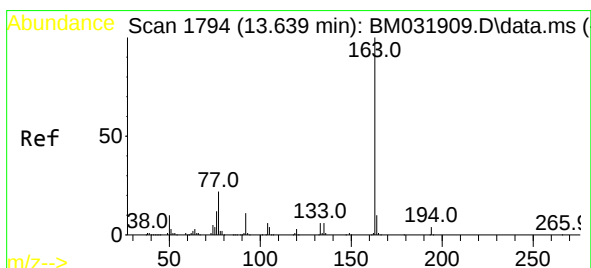
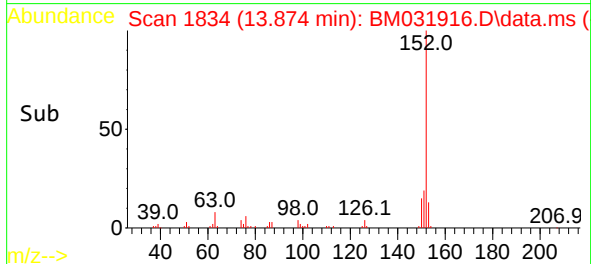
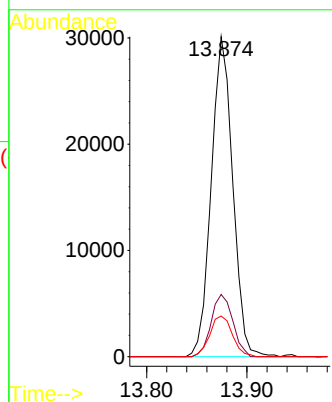
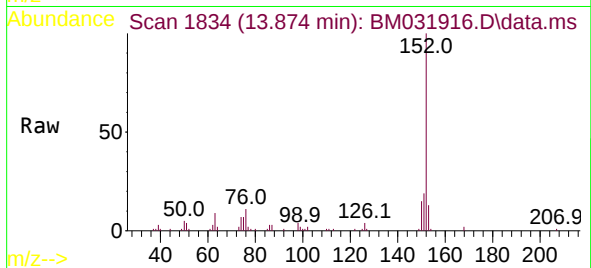




#49
Acenaphthylene
Concen: 3.738 ng
RT: 13.874 min Scan# 1834
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

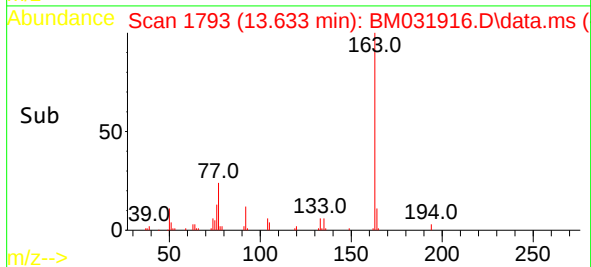
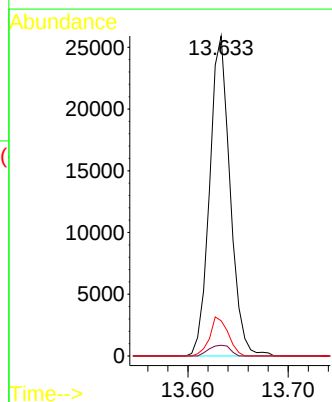
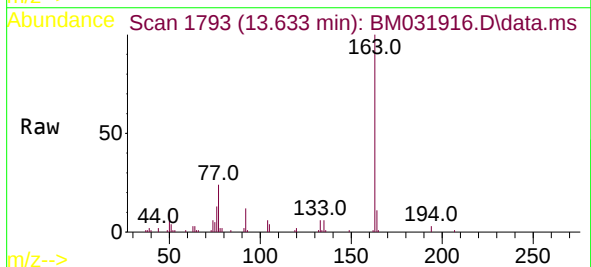
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

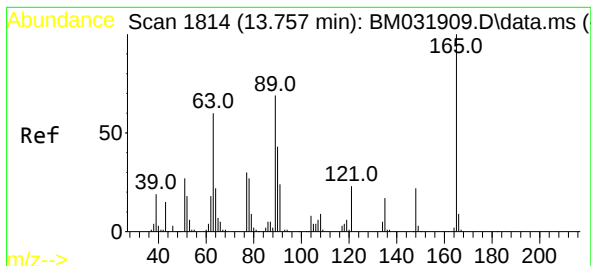
Tgt Ion:	152	Resp:	44860
Ion Ratio	Lower	Upper	
152	100		
151	19.5	15.7	23.5
153	12.7	10.6	15.8



#50
Dimethylphthalate
Concen: 3.866 ng
RT: 13.633 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	163	Resp:	36766
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.9	4.3
164	11.0	8.0	12.0

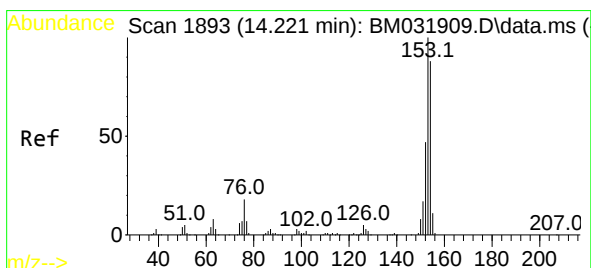
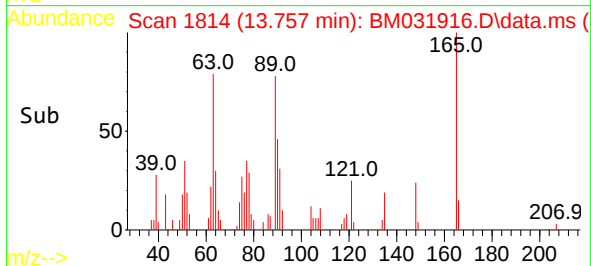
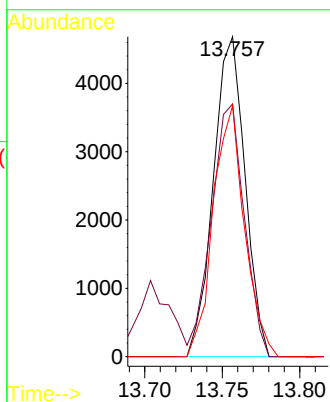
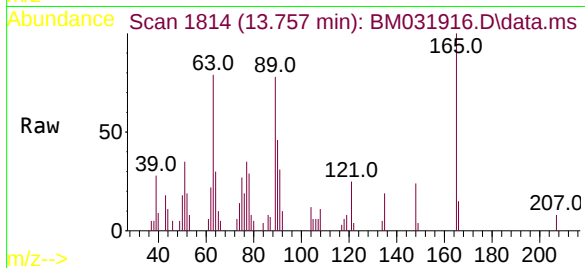




#51
2,6-Dinitrotoluene
Concen: 3.109 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

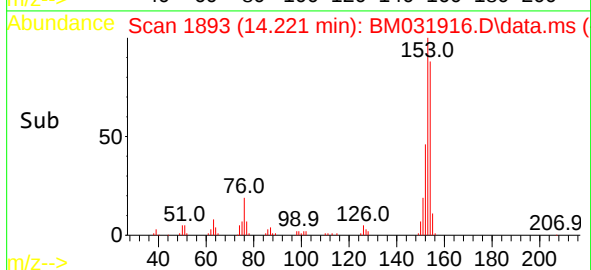
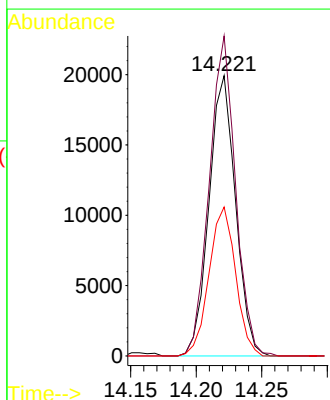
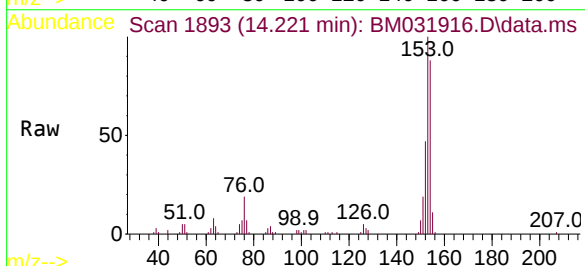
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

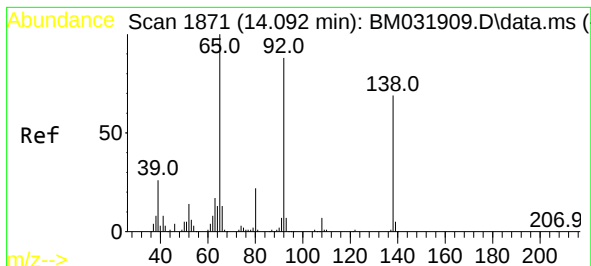
Tgt Ion:165 Resp: 6633
Ion Ratio Lower Upper
165 100
63 79.0 72.4 108.6
89 78.5 69.3 103.9



#52
Acenaphthene
Concen: 3.821 ng
RT: 14.221 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:154 Resp: 28114
Ion Ratio Lower Upper
154 100
153 114.2 92.4 138.6
152 53.2 43.7 65.5

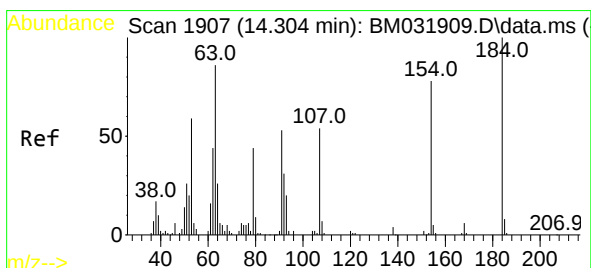
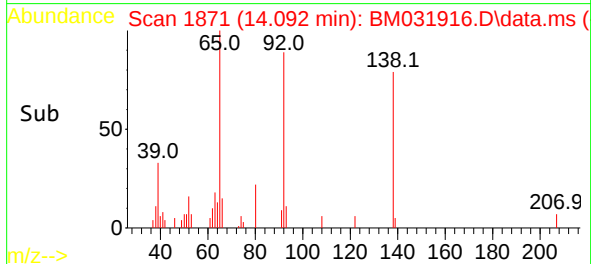
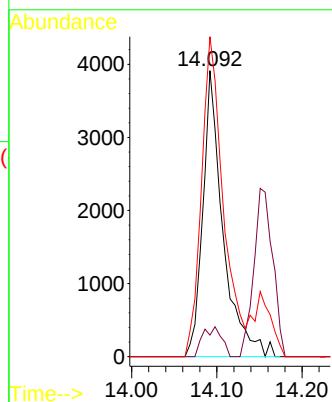
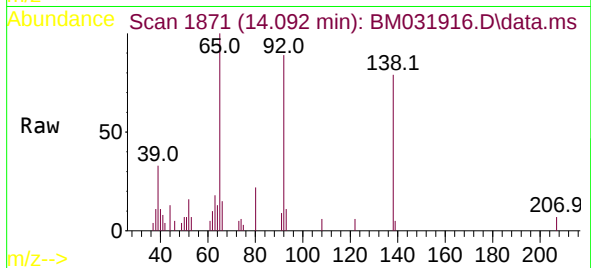




#53
3-Nitroaniline
Concen: 3.067 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

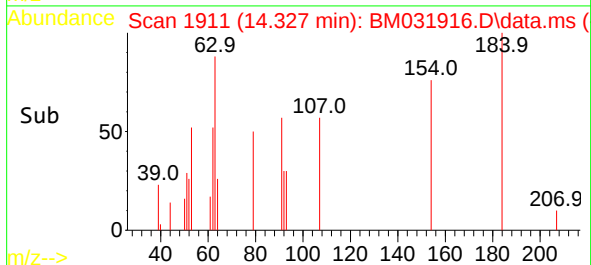
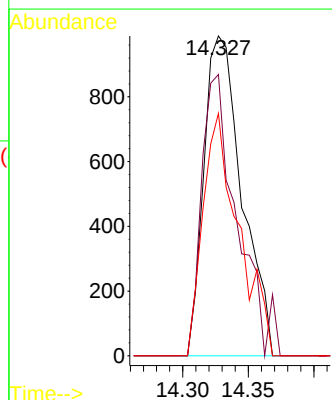
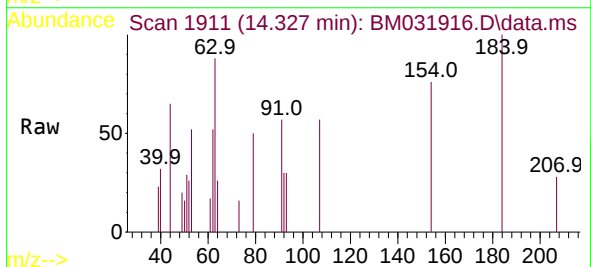
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

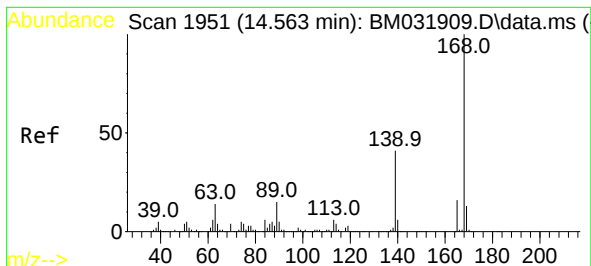
Tgt Ion:138 Resp: 6435
Ion Ratio Lower Upper
138 100
108 7.6 8.3 12.5#
92 111.9 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 1.678 ng
RT: 14.327 min Scan# 1911
Delta R.T. 0.023 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:184 Resp: 1998
Ion Ratio Lower Upper
184 100
63 88.0 93.8 140.6#
154 75.8 64.0 96.0

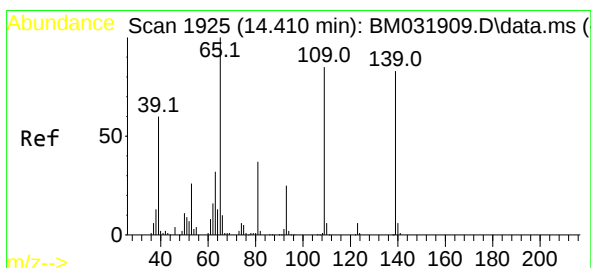
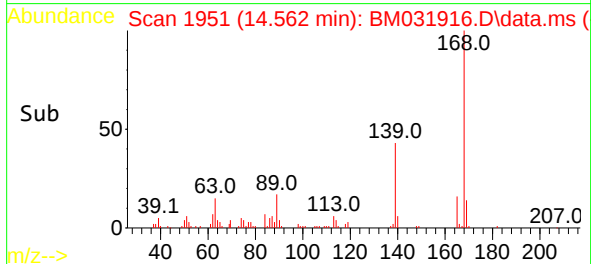
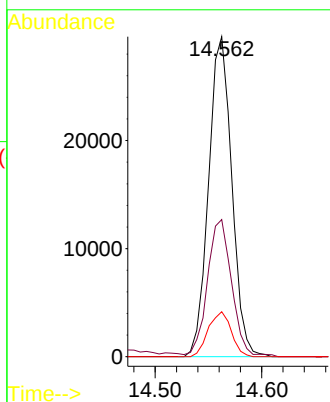
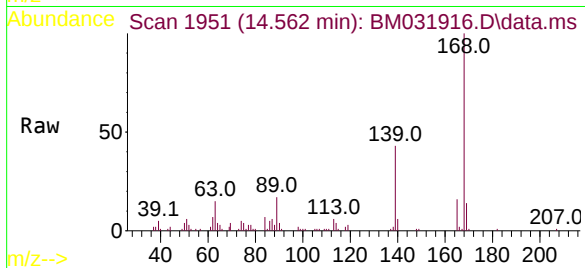




#55
Dibenzofuran
Concen: 3.741 ng
RT: 14.562 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

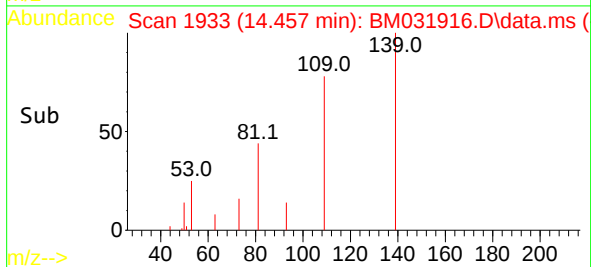
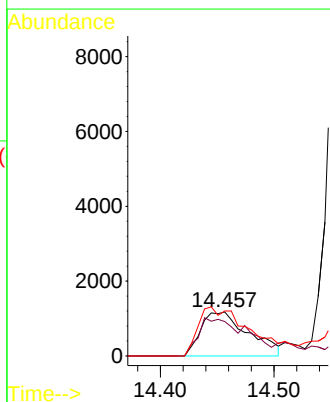
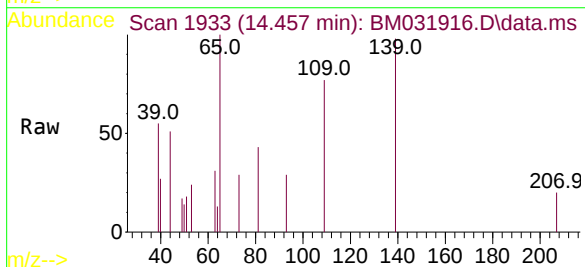
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

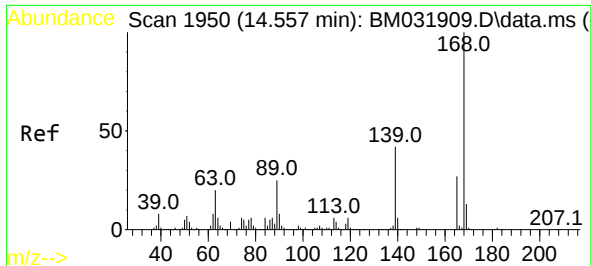
Tgt Ion:168 Resp: 44751
Ion Ratio Lower Upper
168 100
139 42.9 35.0 52.4
169 14.1 10.8 16.2



#56
4-Nitrophenol
Concen: 2.035 ng
RT: 14.457 min Scan# 1933
Delta R.T. 0.047 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:139 Resp: 3417
Ion Ratio Lower Upper
139 100
109 78.4 92.3 132.3#
65 102.4 110.5 150.5#

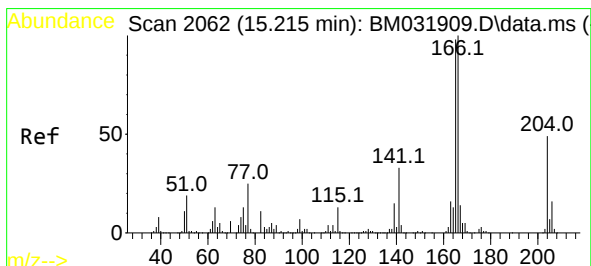
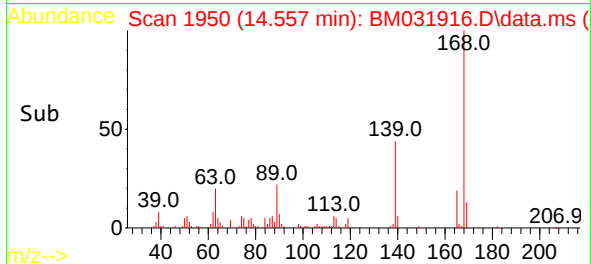
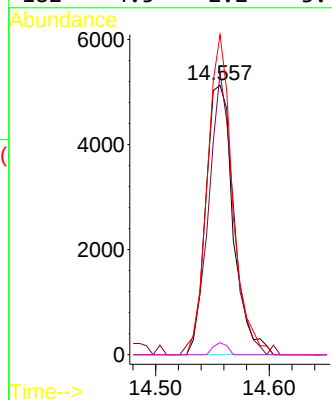
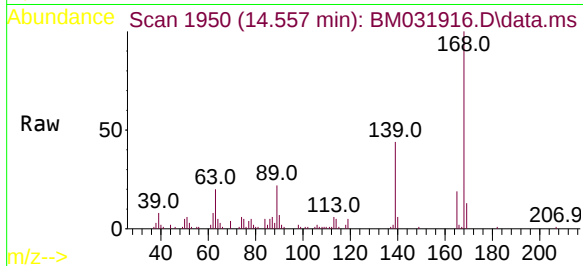




#57
2,4-Dinitrotoluene
Concen: 2.961 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

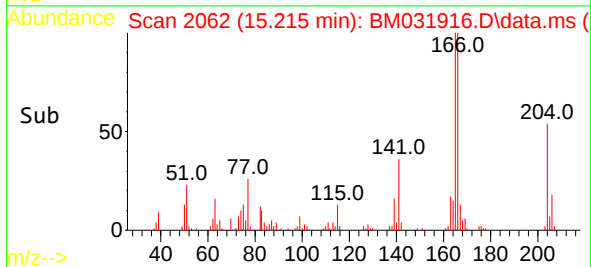
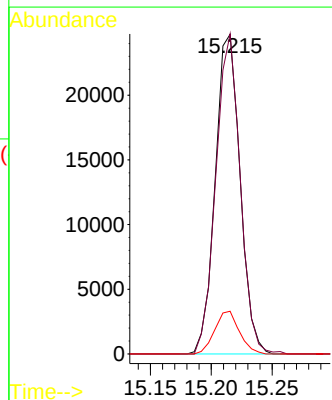
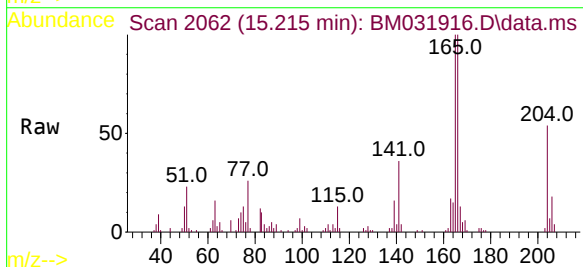
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

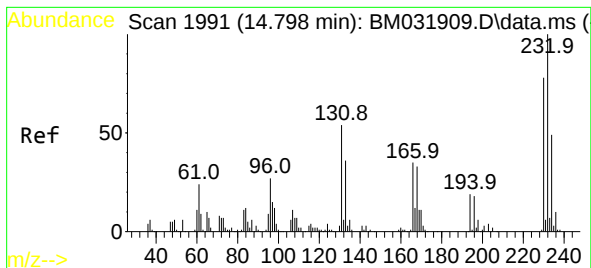
Tgt Ion:	165	Resp:	8579
Ion	Ratio	Lower	Upper
165	100		
63	104.7	70.3	105.5
89	118.8	83.1	124.7
182	4.5	2.2	3.4#



#58
Fluorene
Concen: 3.622 ng
RT: 15.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	166	Resp:	35062
Ion	Ratio	Lower	Upper
166	100		
165	100.1	79.3	118.9
167	13.4	10.6	16.0

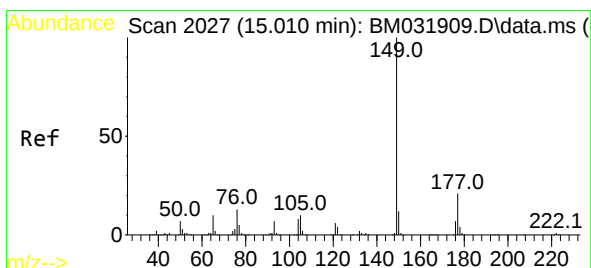
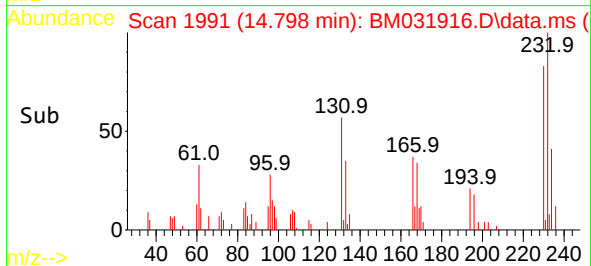
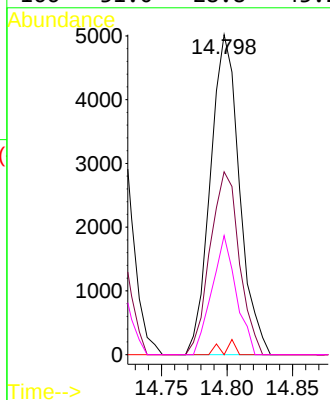
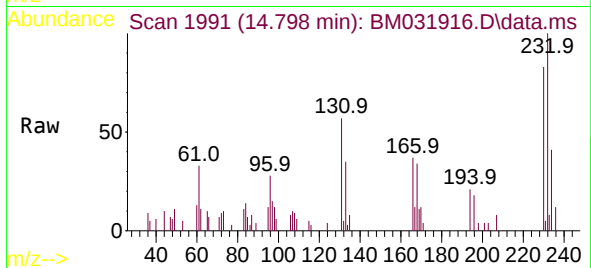




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.327 ng
RT: 14.798 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

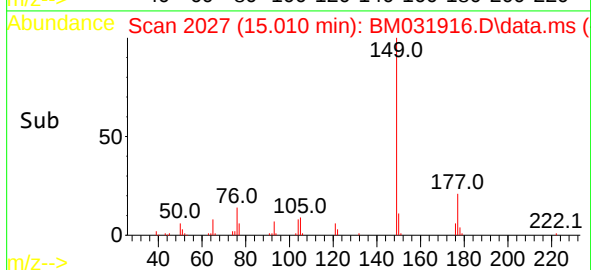
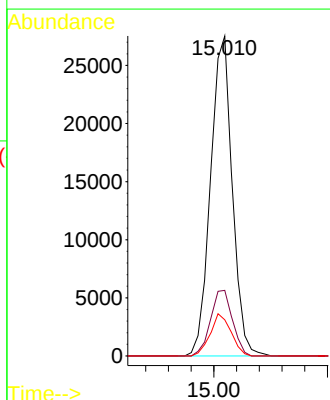
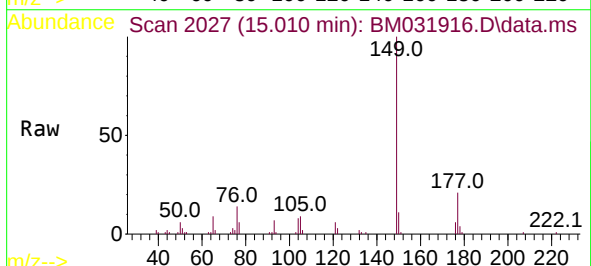
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

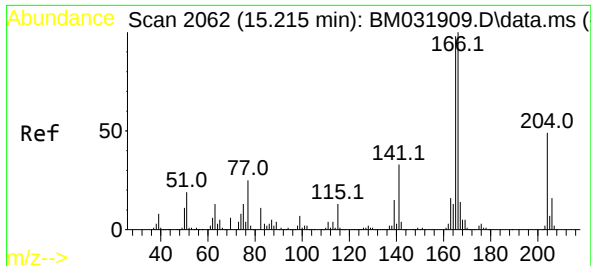
Tgt Ion:232	Resp:	7731
Ion Ratio	Lower	Upper
232	100	
131	57.4	50.6 75.8
130	0.8	3.0 4.4#
166	31.0	28.8 43.2



#60
Diethylphthalate
Concen: 3.669 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:149	Resp:	36525
Ion Ratio	Lower	Upper
149	100	
177	20.5	15.7 23.5
150	11.3	9.6 14.4

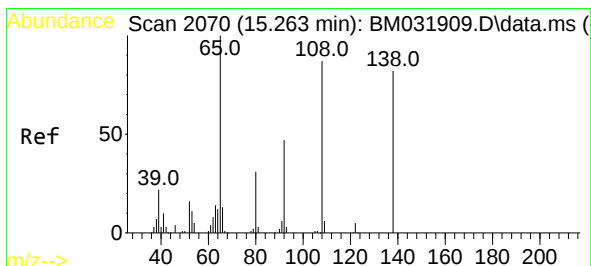
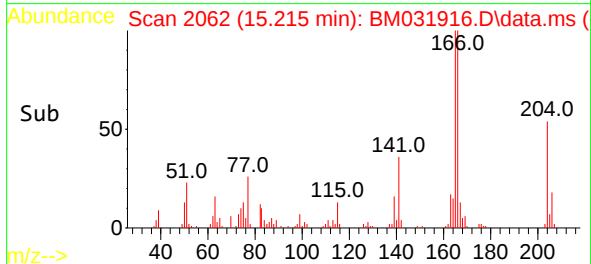
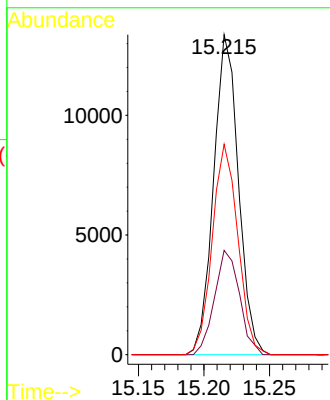
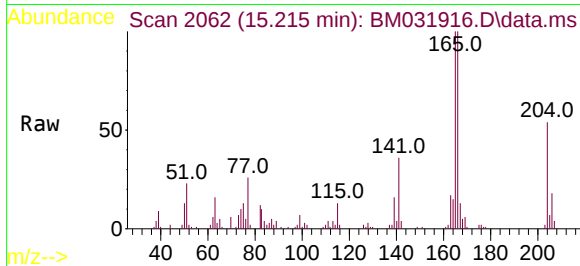




#61
4-Chlorophenyl-phenylether
Concen: 3.768 ng
RT: 15.215 min Scan# 2062
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

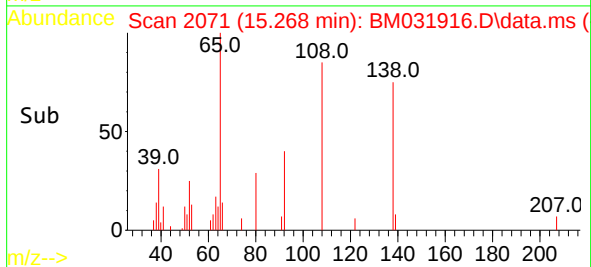
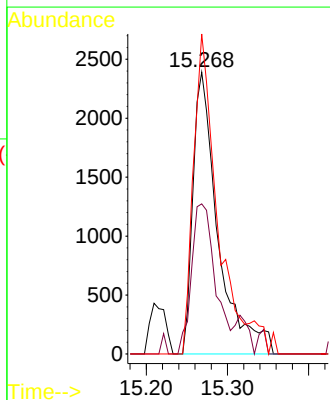
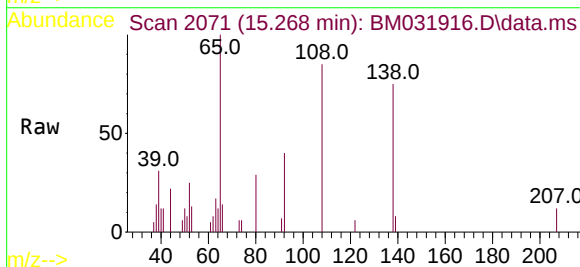
Instrument :
BNA_M
ClientSampleId :
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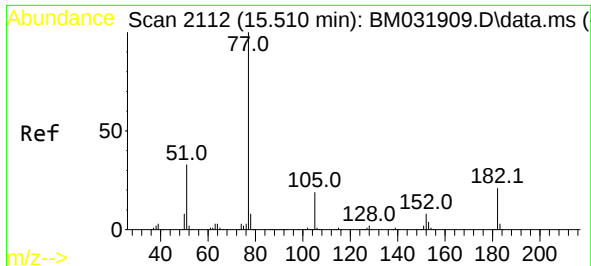
Tgt Ion:204 Resp: 17581
Ion Ratio Lower Upper
204 100
206 32.6 26.7 40.1
141 65.8 55.8 83.8



#62
4-Nitroaniline
Concen: 2.503 ng
RT: 15.268 min Scan# 2071
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:138 Resp: 5138
Ion Ratio Lower Upper
138 100
92 53.3 40.6 80.6
108 113.6 103.8 143.8

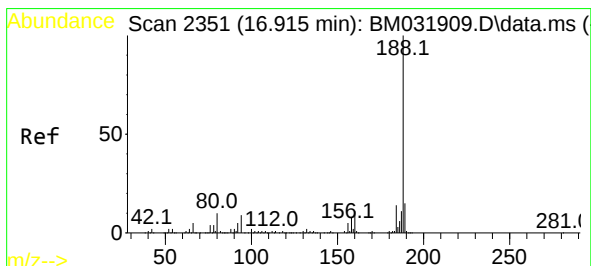
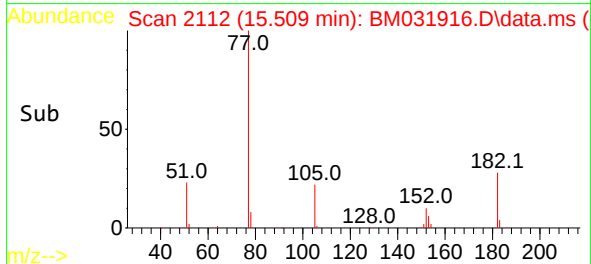
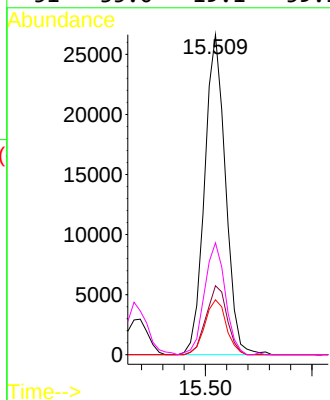
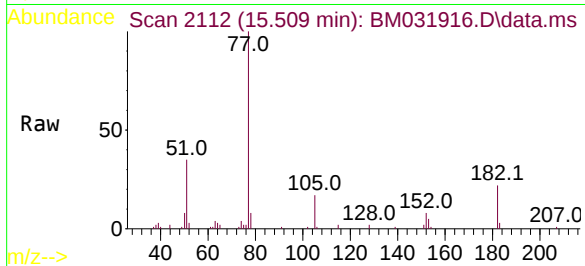




#63
Azobenzene
Concen: 3.309 ng
RT: 15.509 min Scan# 2112
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

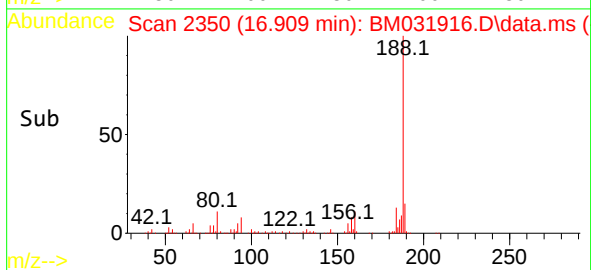
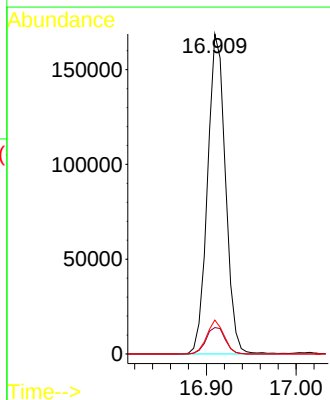
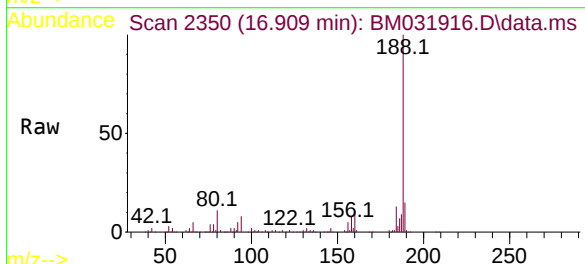
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

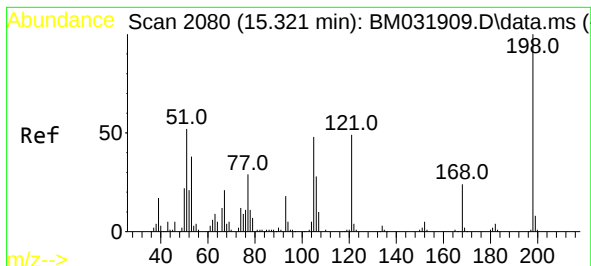
Tgt Ion: 77	Resp: 36328
Ion Ratio	Lower Upper
77 100	
182 21.5	0.0 39.3
105 17.2	0.0 36.1
51 35.0	19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.909 min Scan# 2350
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion: 188	Resp: 233951
Ion Ratio	Lower Upper
188 100	
94 8.2	6.3 9.5
80 10.6	7.3 10.9

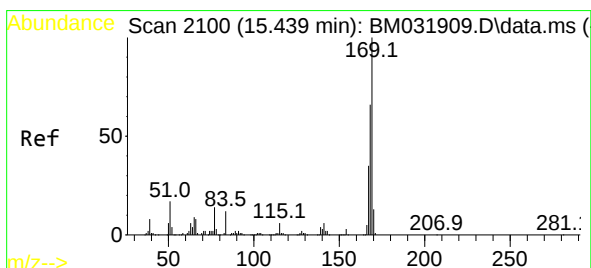
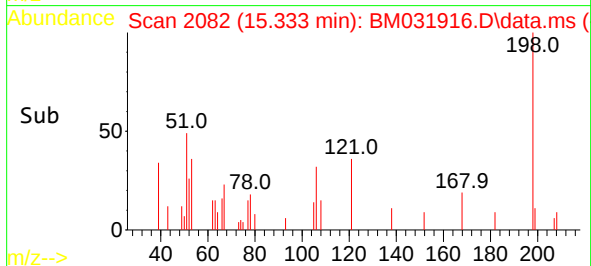
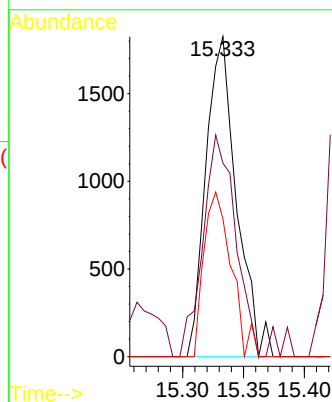
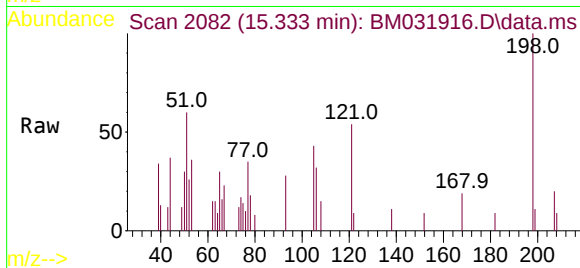




#65
4,6-Dinitro-2-methylphenol
Concen: 2.047 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.012 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

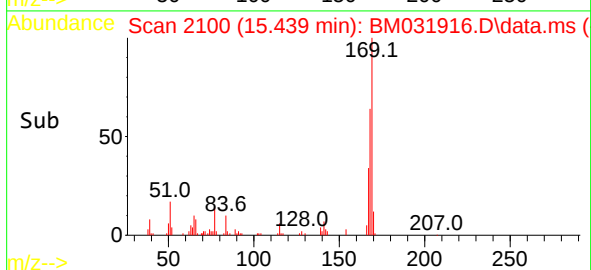
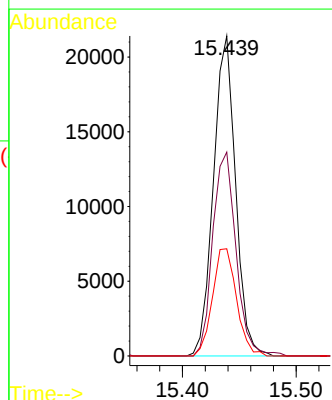
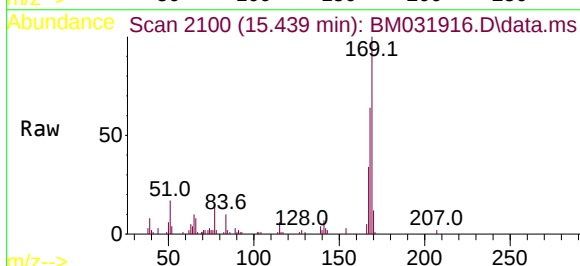
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

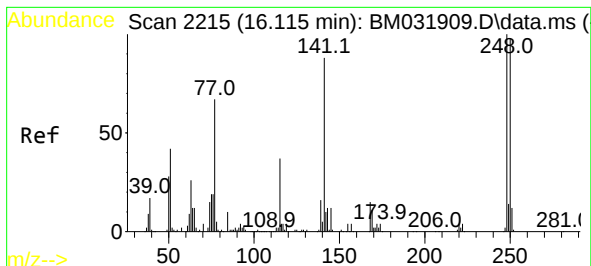
Tgt Ion:198 Resp: 3194
Ion Ratio Lower Upper
198 100
51 60.4 49.7 89.7
105 43.1 34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 3.681 ng
RT: 15.439 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:169 Resp: 28997
Ion Ratio Lower Upper
169 100
168 63.7 55.0 82.4
167 33.5 29.8 44.8

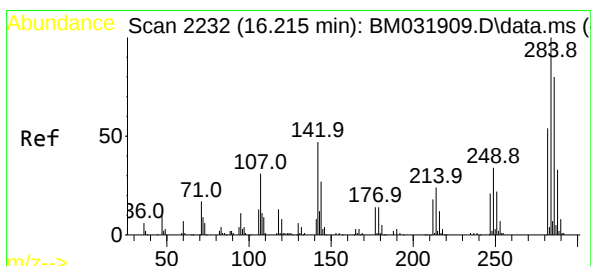
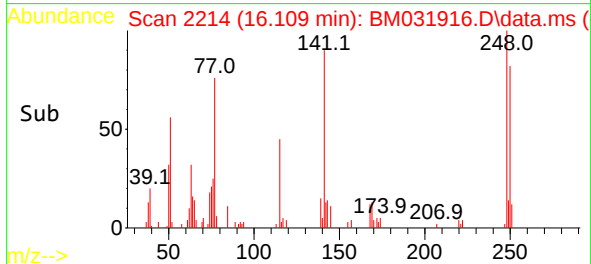
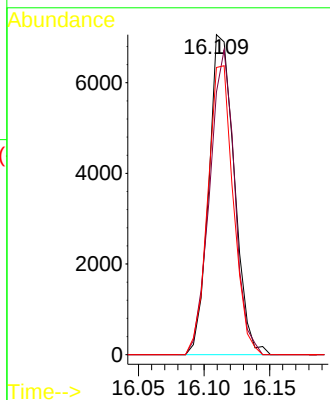
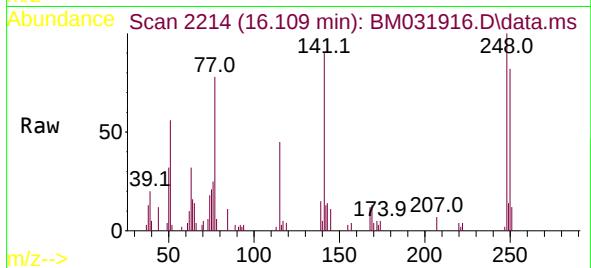




#67
4-Bromophenyl-phenylether
Concen: 3.843 ng
RT: 16.109 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

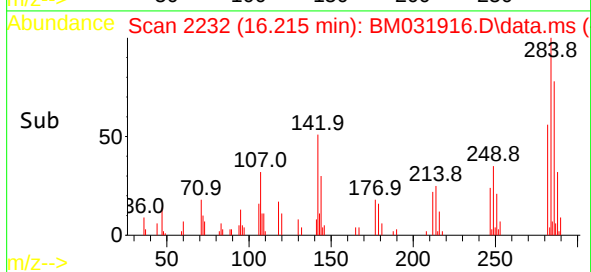
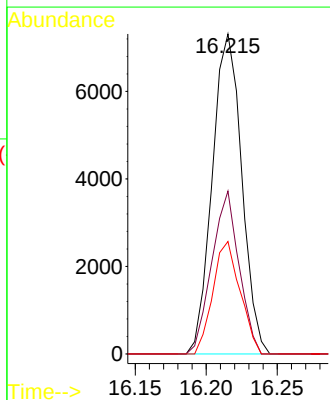
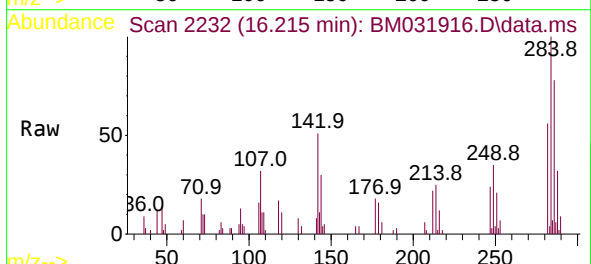
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

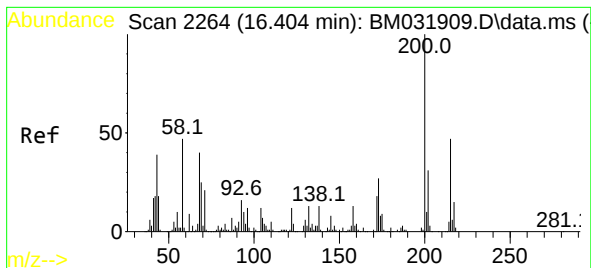
Tgt Ion:248 Resp: 9567
Ion Ratio Lower Upper
248 100
250 82.0 77.4 116.2
141 89.8 74.1 111.1



#68
Hexachlorobenzene
Concen: 3.963 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:284 Resp: 10546
Ion Ratio Lower Upper
284 100
142 50.9 43.0 64.6
249 35.2 27.6 41.4





#69

Atrazine

Concen: 3.891 ng

RT: 16.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

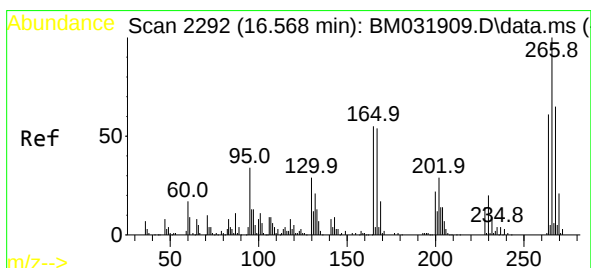
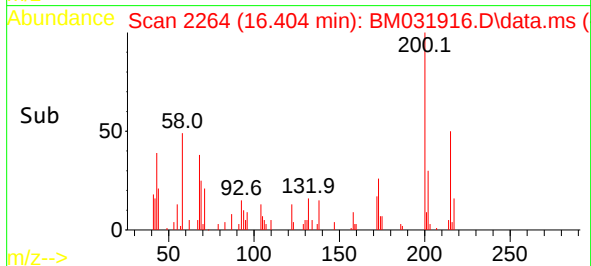
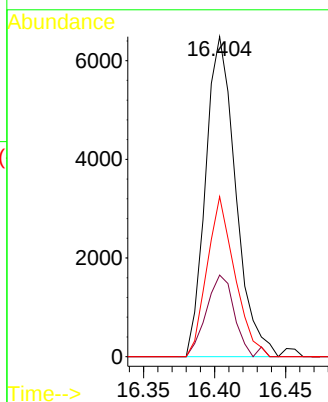
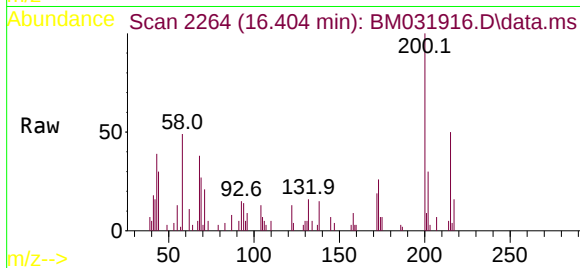
Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021

Tgt Ion:	200	Resp:	9572
Ion Ratio	Lower	Upper	
200	100		
173	25.5	5.8	45.8
215	50.0	23.6	63.6



#70

Pentachlorophenol

Concen: 2.739 ng

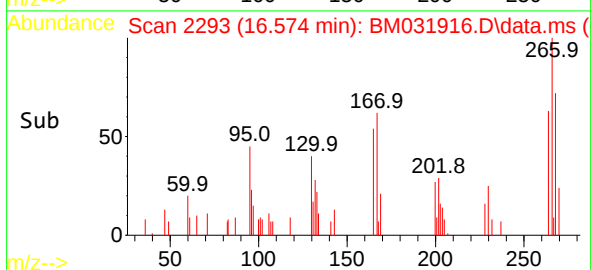
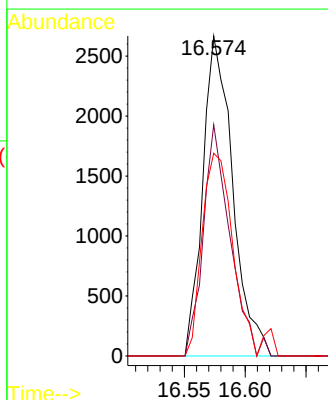
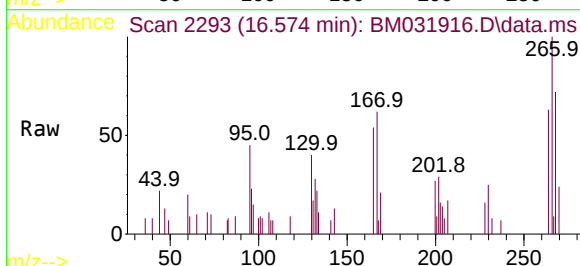
RT: 16.574 min Scan# 2293

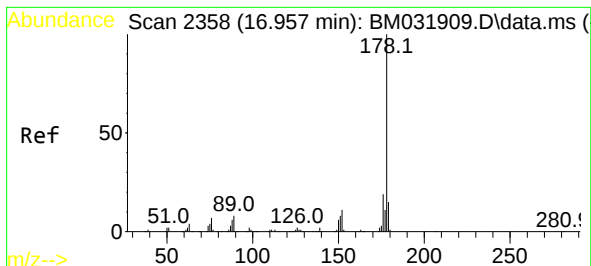
Delta R.T. 0.006 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

Tgt Ion:	266	Resp:	4557
Ion Ratio	Lower	Upper	
266	100		
268	72.3	50.3	75.5
264	63.3	52.1	78.1

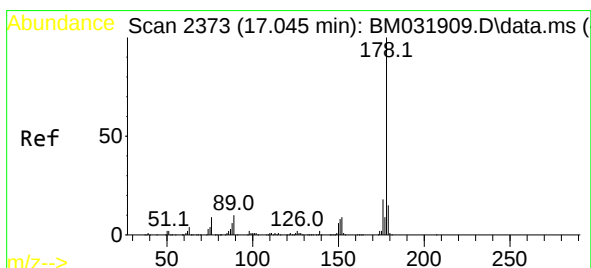
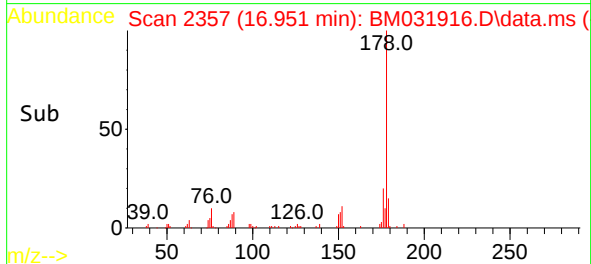
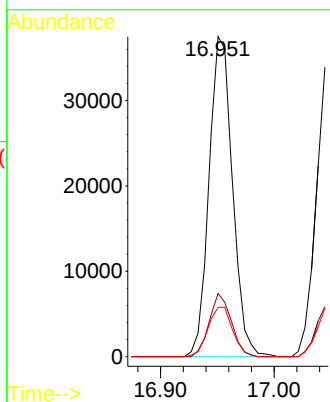
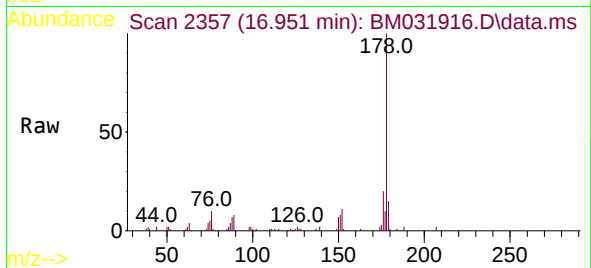




#71
Phenanthrene
Concen: 3.872 ng
RT: 16.951 min Scan# 2357
Delta R.T. -0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

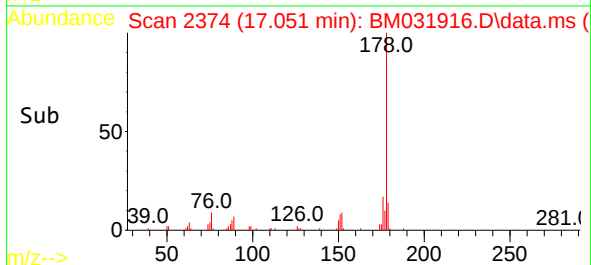
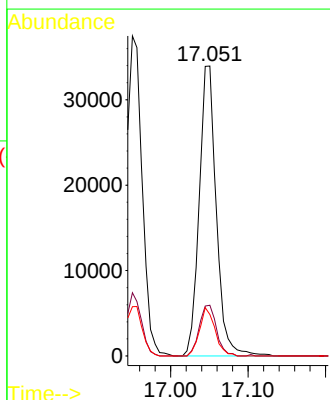
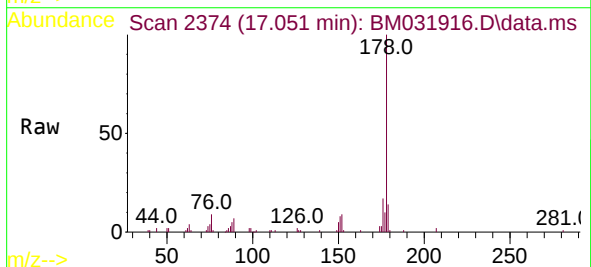
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

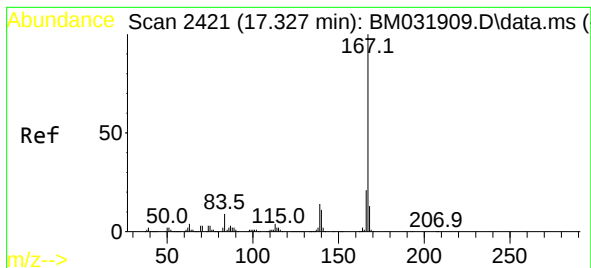
Tgt Ion:	178	Resp:	53802
Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.6	23.4
179	15.4	12.4	18.6



#72
Anthracene
Concen: 3.848 ng
RT: 17.051 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:	178	Resp:	52118
Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.8	22.2
179	14.3	12.3	18.5

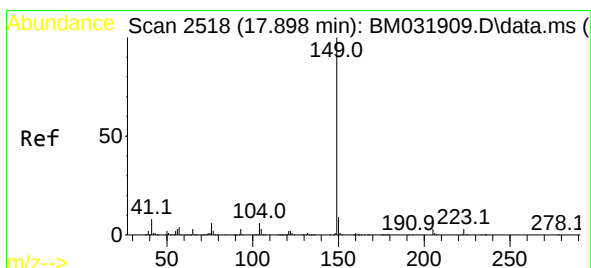
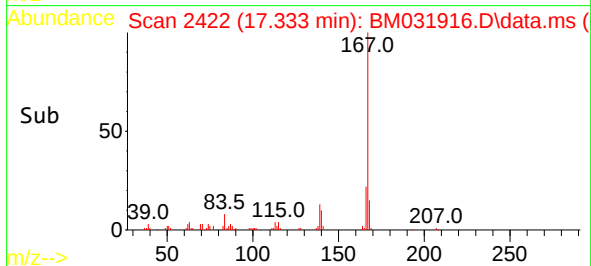
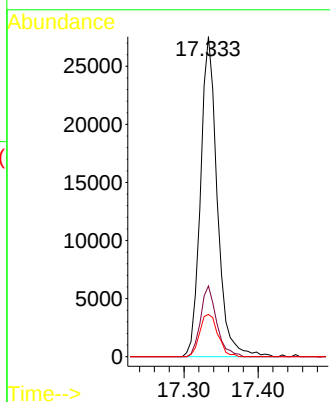
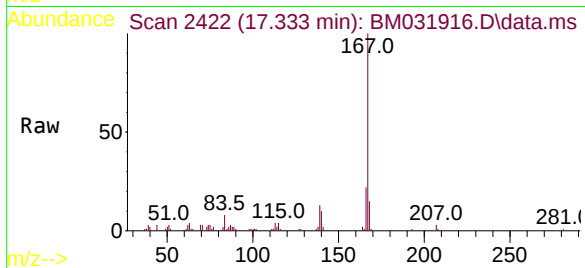




#73
Carbazole
Concen: 3.331 ng
RT: 17.333 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

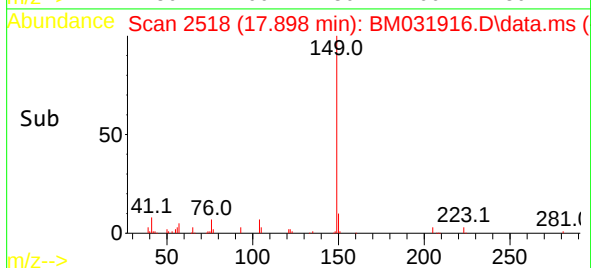
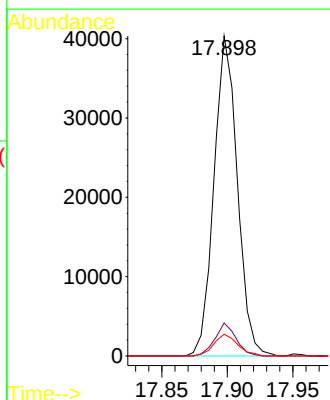
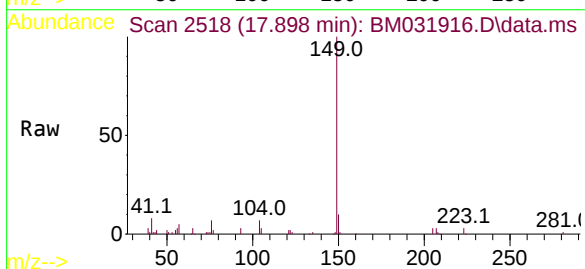
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

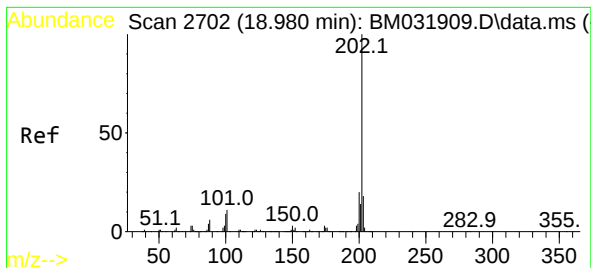
Tgt Ion:167 Resp: 43361
Ion Ratio Lower Upper
167 100
166 22.1 17.4 26.0
139 13.2 11.9 17.9



#74
Di-n-butylphthalate
Concen: 3.194 ng
RT: 17.898 min Scan# 2518
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:149 Resp: 49919
Ion Ratio Lower Upper
149 100
150 10.3 7.3 10.9
104 6.8 5.6 8.4

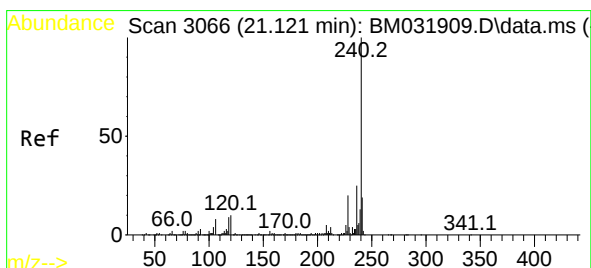
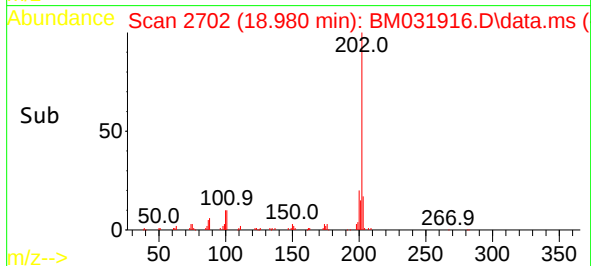
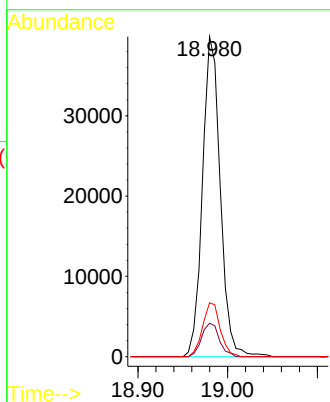
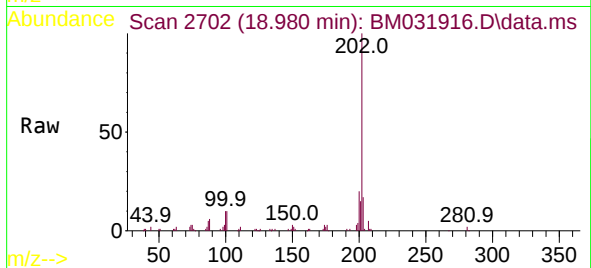




#75
Fluoranthene
Concen: 3.631 ng
RT: 18.980 min Scan# 2702
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

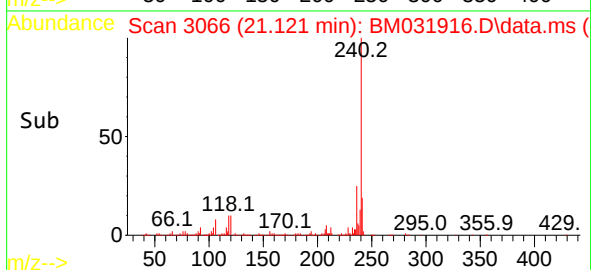
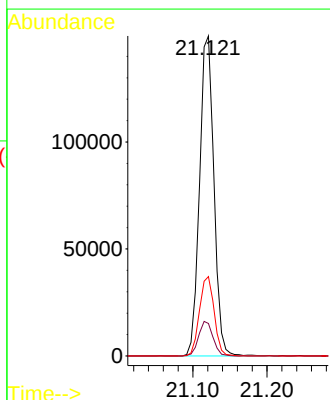
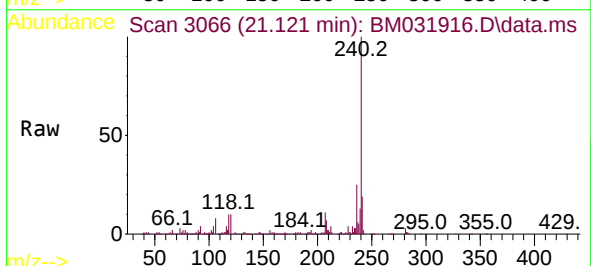
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

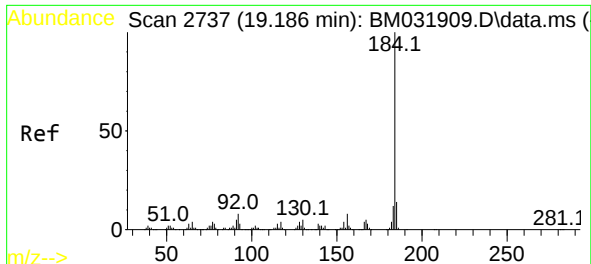
Tgt Ion:202 Resp: 54908
Ion Ratio Lower Upper
202 100
101 10.5 0.0 29.9
203 16.8 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.121 min Scan# 3066
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:240 Resp: 201128
Ion Ratio Lower Upper
240 100
120 10.1 7.8 11.6
236 24.8 20.9 31.3

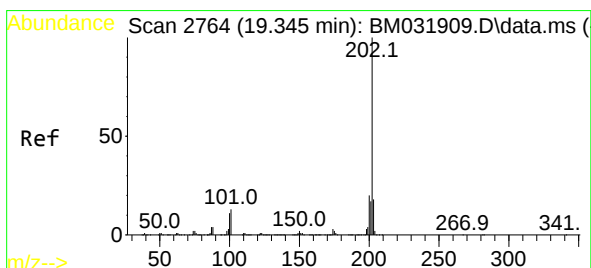
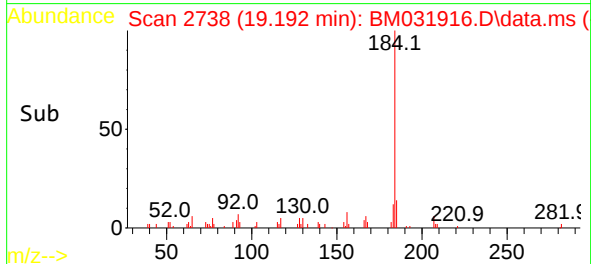
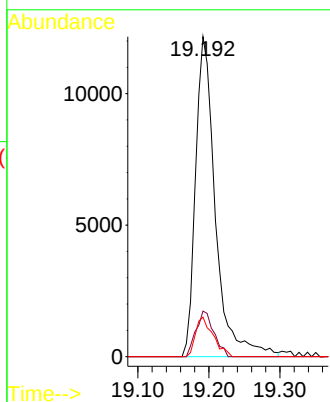
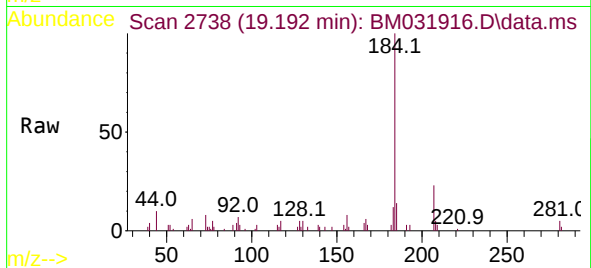




#77
Benzidine
Concen: 4.799 ng
RT: 19.192 min Scan# 2738
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

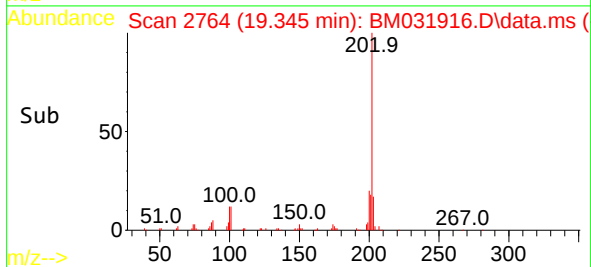
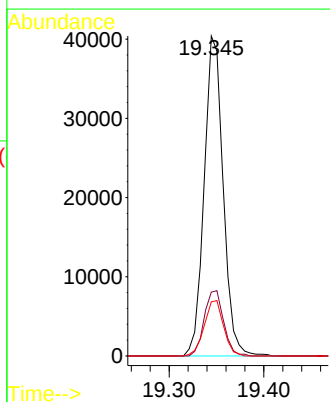
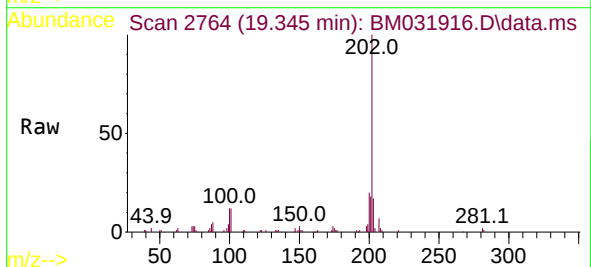
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

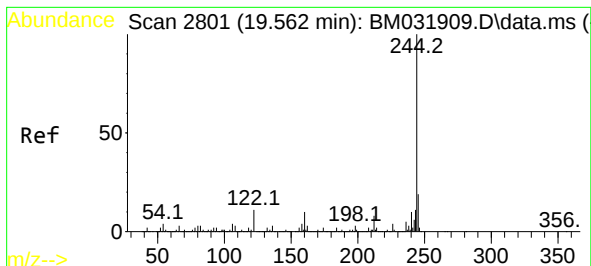
Tgt Ion:184	Resp:	23687
Ion Ratio	Lower	Upper
184	100	
185	14.2	10.6 16.0
183	12.3	9.0 13.4



#78
Pyrene
Concen: 3.524 ng
RT: 19.345 min Scan# 2764
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:202	Resp:	56345
Ion Ratio	Lower	Upper
202	100	
200	20.0	16.6 25.0
203	16.9	13.7 20.5



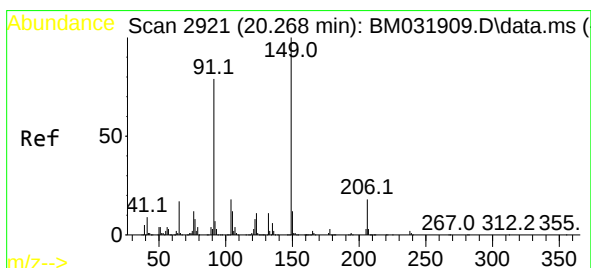
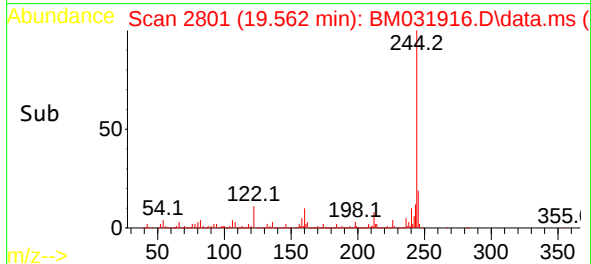
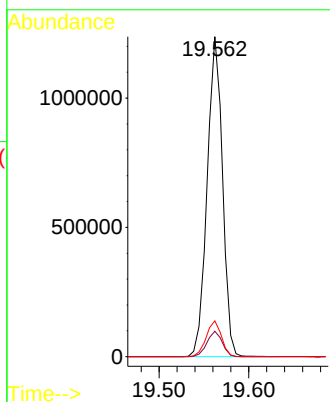
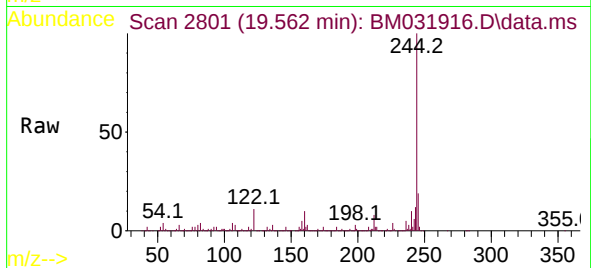


#79
 Terphenyl-d14
 Concen: 117.458 ng
 RT: 19.562 min Scan# 2801
 Delta R.T. -0.000 min
 Lab File: BM031916.D
 Acq: 26 Aug 2021 16:26

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Tgt Ion:244 Resp: 1469531

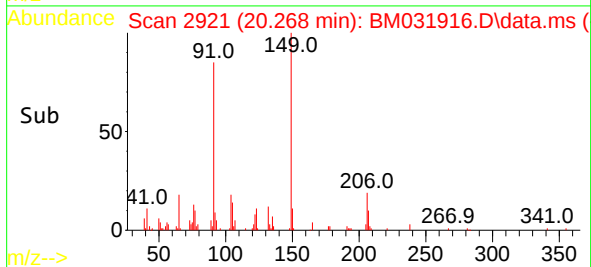
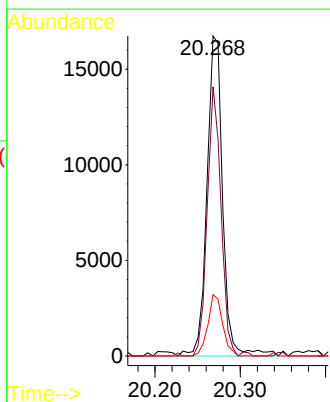
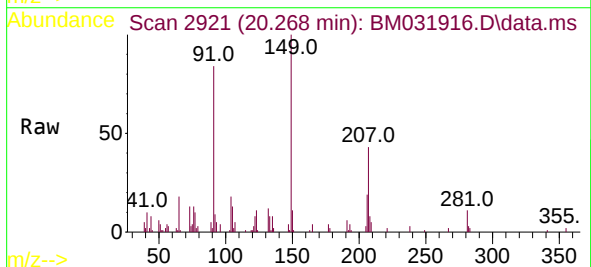
Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	11.2	8.7	13.1

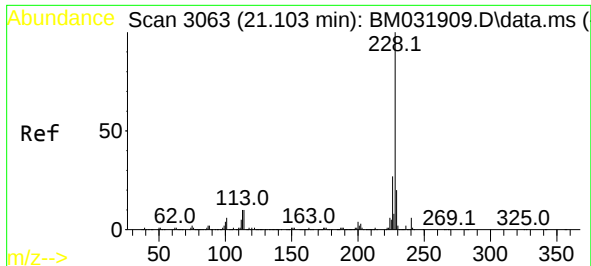


#80
 Butylbenzylphthalate
 Concen: 3.165 ng
 RT: 20.268 min Scan# 2921
 Delta R.T. -0.000 min
 Lab File: BM031916.D
 Acq: 26 Aug 2021 16:26

Tgt Ion:149 Resp: 21499

Ion	Ratio	Lower	Upper
149	100		
91	84.1	64.0	96.0
206	19.1	14.4	21.6

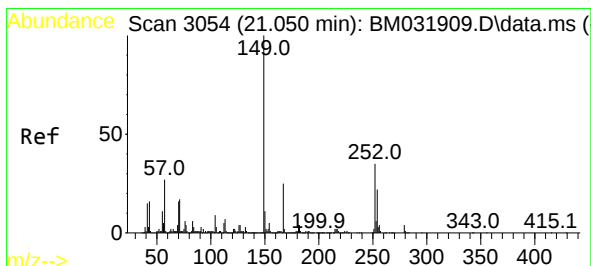
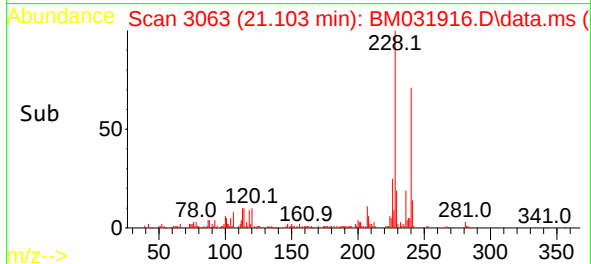
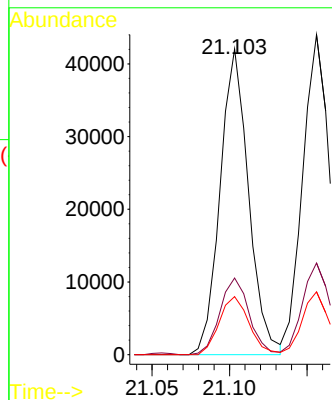
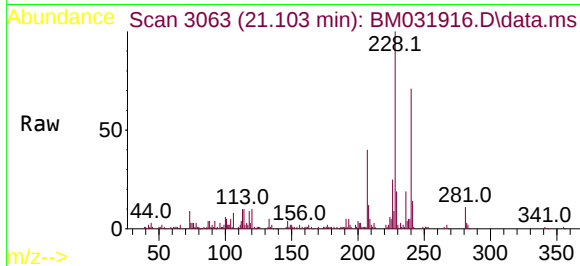




#81
Benzo(a)anthracene
Concen: 3.751 ng
RT: 21.103 min Scan# 3063
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

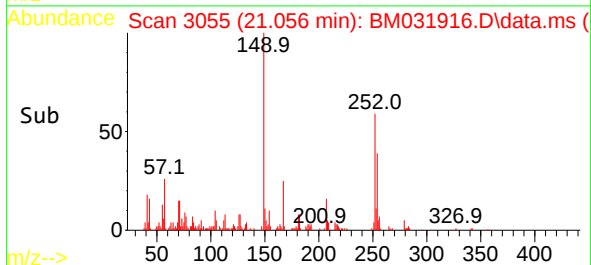
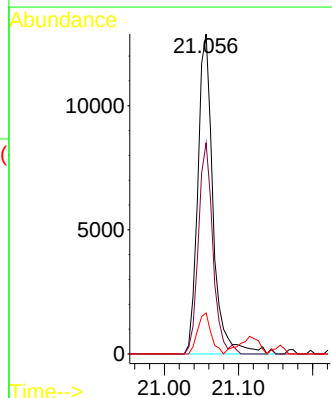
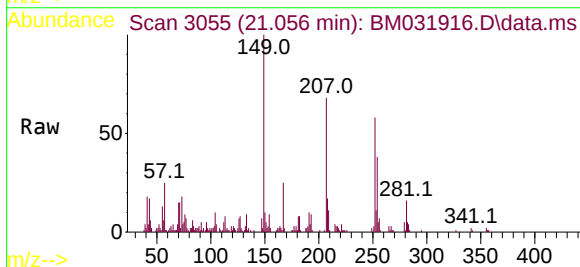
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

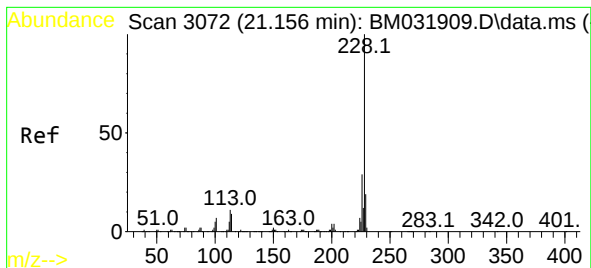
Tgt Ion:228 Resp: 53744
Ion Ratio Lower Upper
228 100
226 25.1 21.4 32.2
229 19.0 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 4.644 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:252 Resp: 18431
Ion Ratio Lower Upper
252 100
254 66.0 51.6 77.4
126 12.8 9.7 14.5





#83

Chrysene

Concen: 3.903 ng

RT: 21.156 min Scan# 3072

Delta R.T. -0.000 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

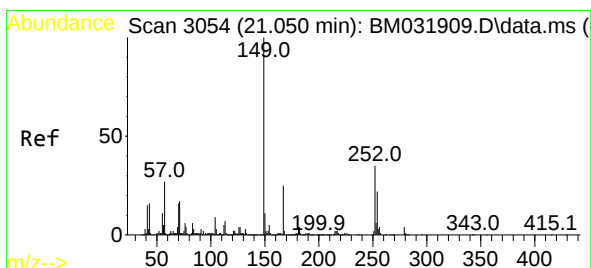
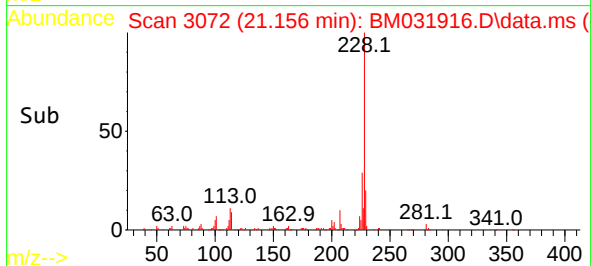
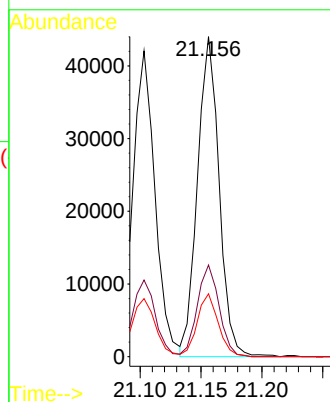
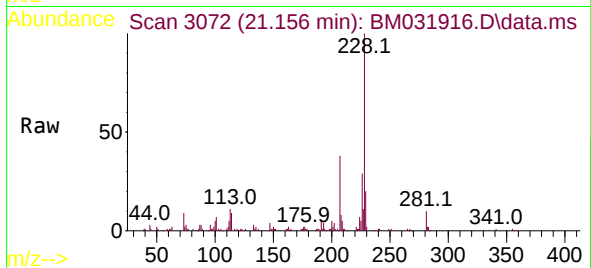
Tgt Ion:	228	Resp:	54467
Ion Ratio	Lower	Upper	
228	100		
226	28.7	24.0	36.0
229	19.7	16.0	24.0

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.055 ng

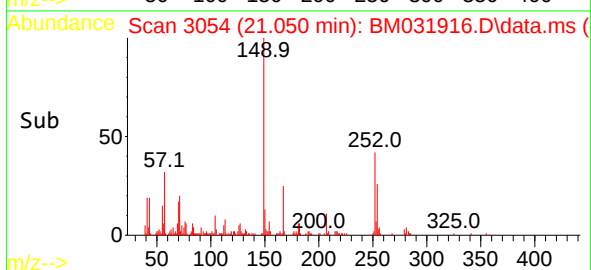
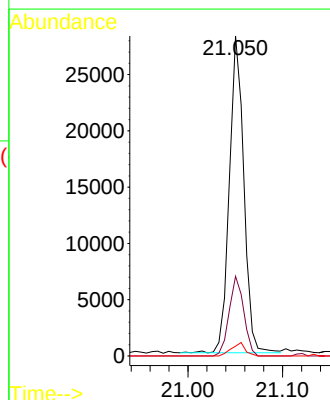
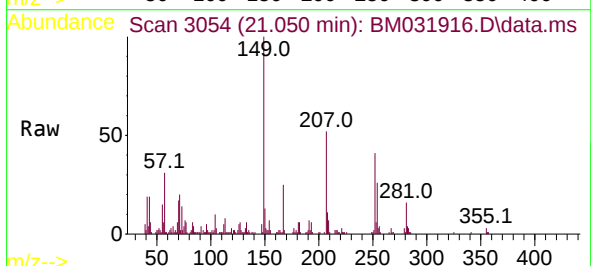
RT: 21.050 min Scan# 3054

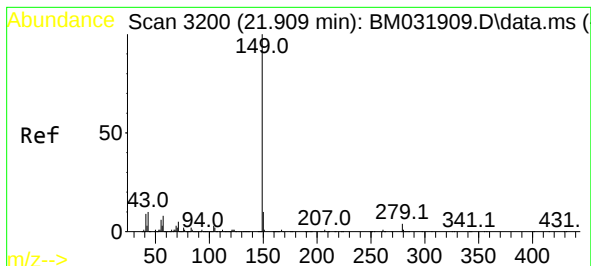
Delta R.T. -0.000 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

Tgt Ion:	149	Resp:	29981
Ion Ratio	Lower	Upper	
149	100		
167	24.9	19.7	29.5
279	3.0	2.6	4.0

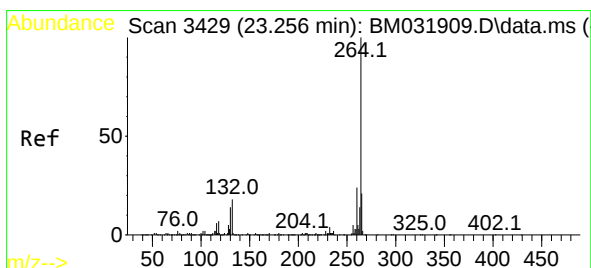
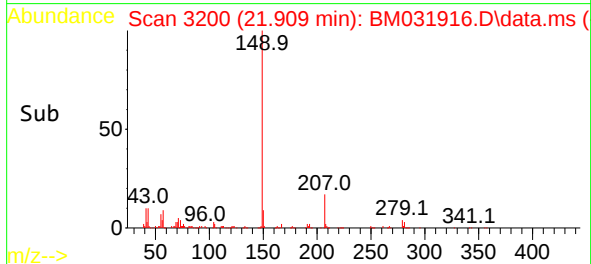
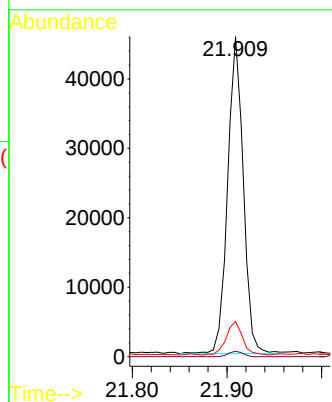
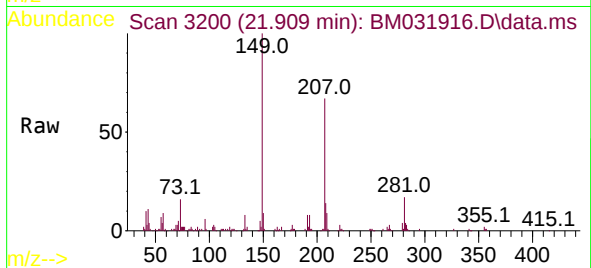




#85
Di-n-octyl phthalate
Concen: 3.388 ng
RT: 21.909 min Scan# 3200
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

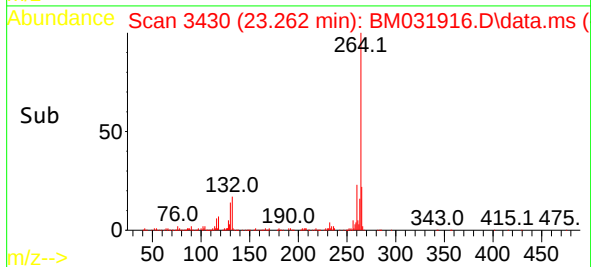
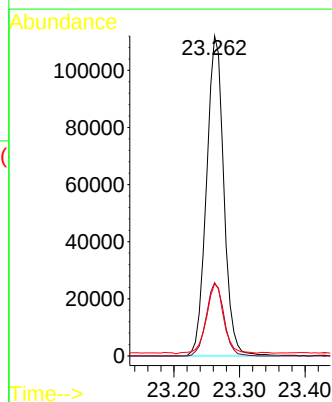
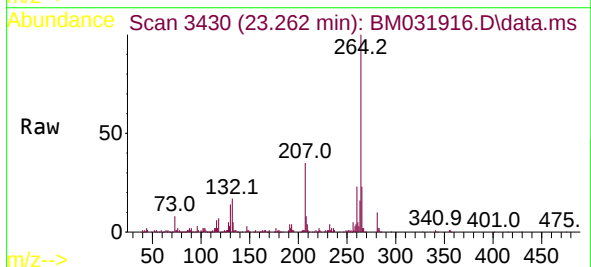
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

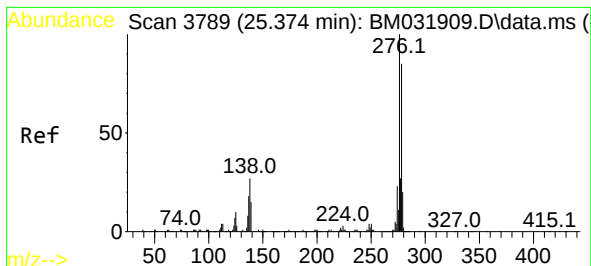
Tgt Ion:149 Resp: 52517
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 11.2 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.262 min Scan# 3430
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:264 Resp: 205970
Ion Ratio Lower Upper
264 100
260 22.9 19.3 28.9
265 22.6 18.3 27.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.264 ng

RT: 25.379 min Scan# 3790

Delta R.T. 0.006 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

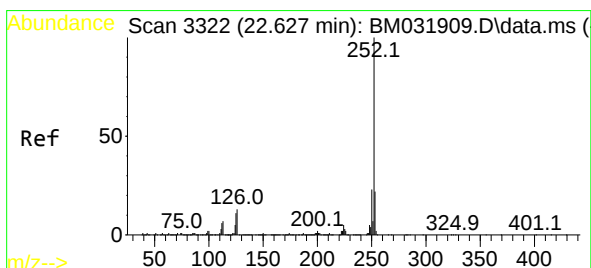
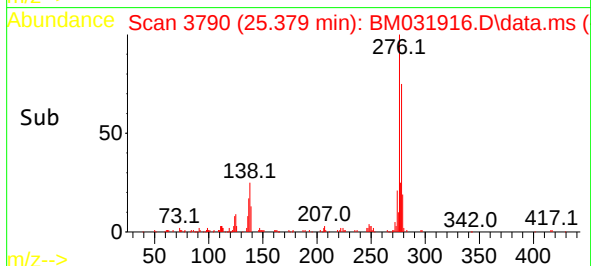
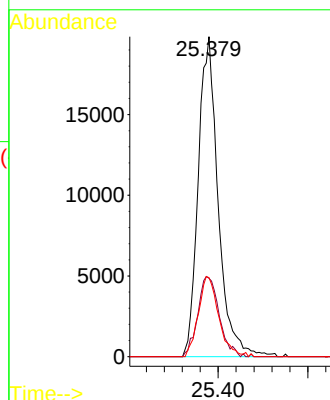
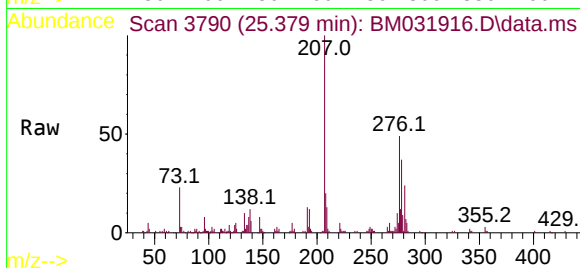
Tgt Ion:	276	Resp:	61095
Ion Ratio	Lower	Upper	
276	100		
138	26.9	18.4	27.6
277	25.7	20.1	30.1

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT2-2021



#88

Benzo(b)fluoranthene

Concen: 3.610 ng

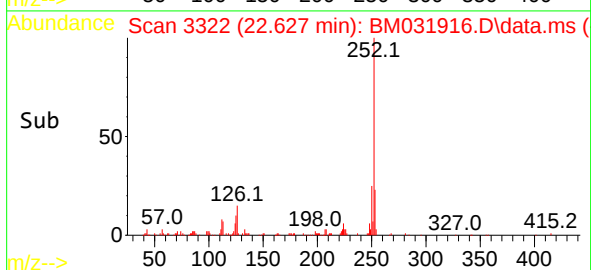
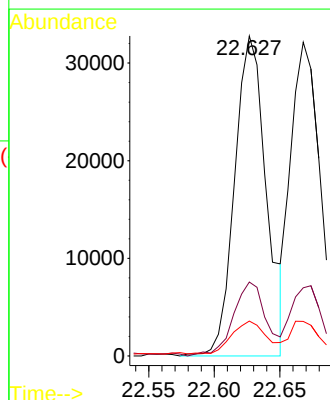
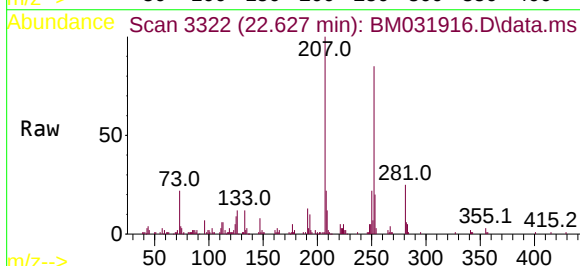
RT: 22.627 min Scan# 3322

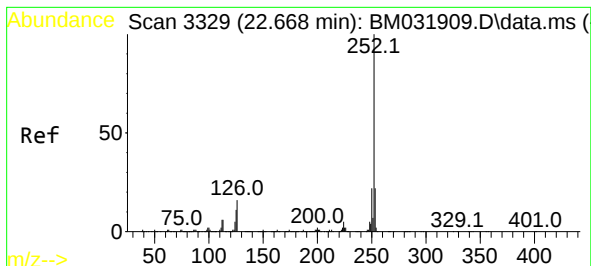
Delta R.T. -0.000 min

Lab File: BM031916.D

Acq: 26 Aug 2021 16:26

Tgt Ion:	252	Resp:	55008
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.0	27.0
125	10.9	7.5	11.3

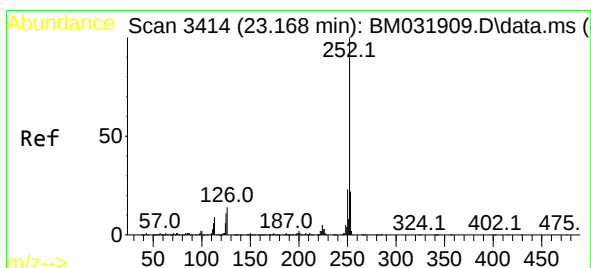
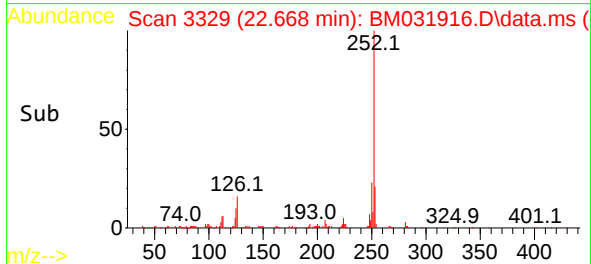
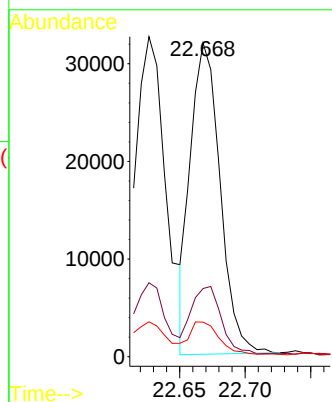
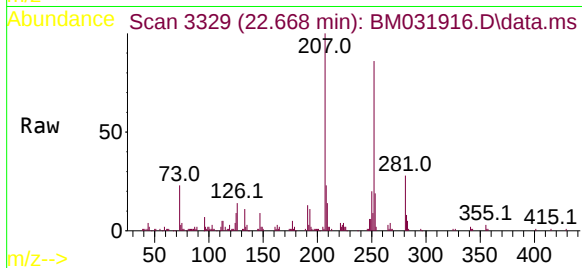




#89
Benzo(k)fluoranthene
Concen: 3.432 ng
RT: 22.668 min Scan# 3329
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

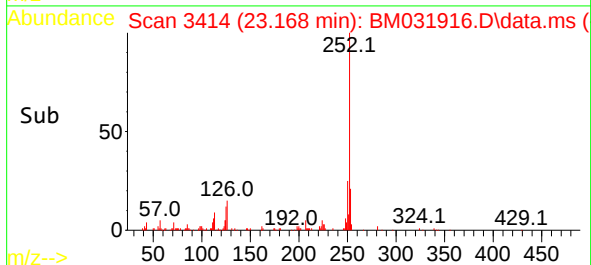
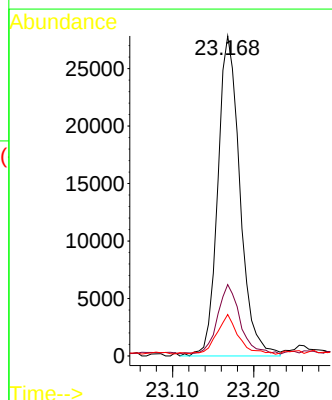
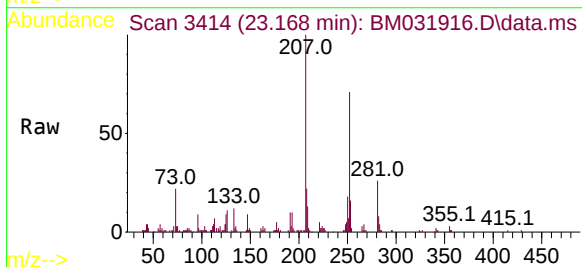
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

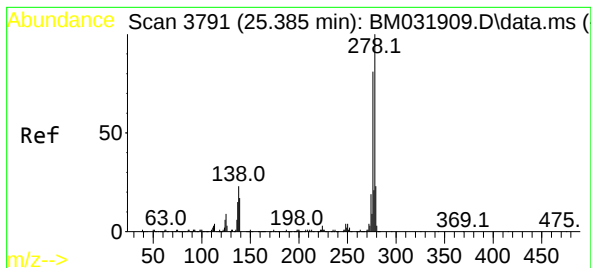
Tgt Ion:252 Resp: 50066
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 11.0 7.5 11.3



#90
Benzo(a)pyrene
Concen: 3.957 ng
RT: 23.168 min Scan# 3414
Delta R.T. -0.000 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:252 Resp: 52907
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 13.0 8.1 12.1#

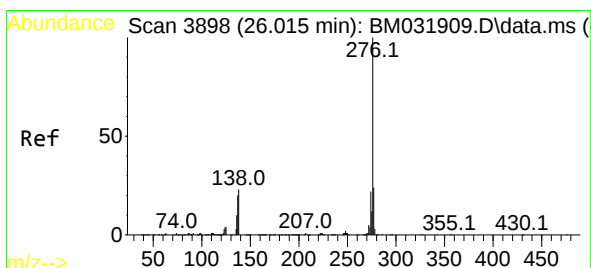
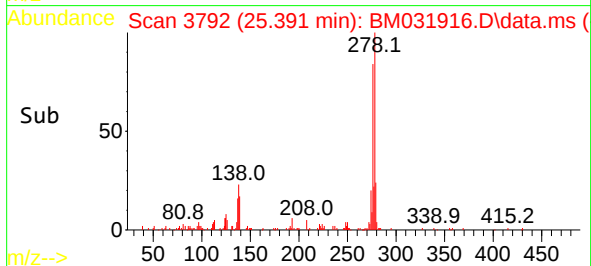
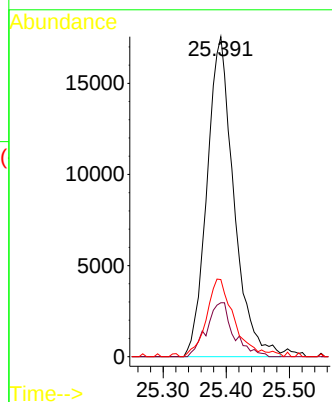
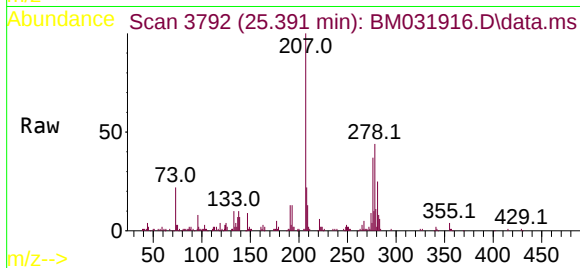




#91
Dibenzo(a,h)anthracene
Concen: 4.175 ng
RT: 25.391 min Scan# 3792
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT2-2021

Tgt Ion:278 Resp: 51883
Ion Ratio Lower Upper
278 100
139 16.9 10.9 16.3#
279 24.1 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 4.474 ng
RT: 26.021 min Scan# 3899
Delta R.T. 0.006 min
Lab File: BM031916.D
Acq: 26 Aug 2021 16:26

Tgt Ion:276 Resp: 52365
Ion Ratio Lower Upper
276 100
277 23.3 19.4 29.0
138 21.2 14.6 22.0

