

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031045.D
 Acq On : 21 Jul 2021 16:14
 Operator : CG/JU
 Sample : M2940-03
 Misc : MDL-MDL-SOIL- 4PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Quant Time: Jul 21 17:05:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 11:41:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	53572	20.000	ng	0.00
21) Naphthalene-d8	10.398	136	227532	20.000	ng	-0.01
39) Acenaphthene-d10	14.268	164	160811	20.000	ng	0.00
64) Phenanthrene-d10	17.009	188	364397	20.000	ng	-0.01
76) Chrysene-d12	21.197	240	437727	20.000	ng	-0.01
86) Perylene-d12	23.380	264	484179	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	330316	110.720	ng	0.00
7) Phenol-d6	6.816	99	468808	108.401	ng	0.00
23) Nitrobenzene-d5	8.780	82	285976	63.106	ng	-0.01
42) 2,4,6-Tribromophenol	15.757	330	224761	107.034	ng	-0.01
45) 2-Fluorobiphenyl	12.886	172	660913	61.322	ng	0.00
79) Terphenyl-d14	19.650	244	1315926	59.480	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5866	4.893	ng	# 85
3) Pyridine	3.634	79	10737	3.166	ng	# 72
4) n-Nitrosodimethylamine	3.546	42	7014	3.639	ng	# 77
6) Aniline	6.975	93	19924	4.291	ng	96
8) 2-Chlorophenol	7.198	128	13313	3.791	ng	90
9) Benzaldehyde	6.792	77	13283	5.155	ng	97
10) Phenol	6.839	94	15697	3.746	ng	81
11) bis(2-Chloroethyl)ether	7.075	93	11748	3.787	ng	97
12) 1,3-Dichlorobenzene	7.522	146	15222	3.986	ng	95
13) 1,4-Dichlorobenzene	7.669	146	14946	3.846	ng	90
14) 1,2-Dichlorobenzene	7.981	146	14632	3.855	ng	97
15) Benzyl Alcohol	7.875	79	13392	3.678	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.169	45	16759	4.319	ng	98
17) 2-Methylphenol	8.069	107	10929	3.728	ng	93
18) Hexachloroethane	8.692	117	5576	3.717	ng	87
19) n-Nitroso-di-n-propyla...	8.433	70	11226	3.675	ng	# 92
20) 3+4-Methylphenols	8.392	107	14401	3.474	ng	92
22) Acetophenone	8.451	105	23030	4.089	ng	# 98
24) Nitrobenzene	8.822	77	18996	4.151	ng	92
25) Isophorone	9.345	82	27899	3.443	ng	99
26) 2-Nitrophenol	9.527	139	6196	3.216	ng	90
27) 2,4-Dimethylphenol	9.586	122	13304	4.382	ng	95
28) bis(2-Chloroethoxy)met...	9.833	93	17042	4.171	ng	# 97
29) 2,4-Dichlorophenol	10.051	162	12606	3.511	ng	93
30) 1,2,4-Trichlorobenzene	10.269	180	15205	3.856	ng	92
31) Naphthalene	10.451	128	44610	3.810	ng	97
32) Benzoic acid	9.645	122	6247	2.415	ng	85
33) 4-Chloroaniline	10.569	127	18963	3.755	ng	98
34) Hexachlorobutadiene	10.739	225	9449	3.732	ng	98
35) Caprolactam	11.333	113	4087	3.386	ng	97
36) 4-Chloro-3-methylphenol	11.692	107	14321	3.495	ng	94
37) 2-Methylnaphthalene	12.069	142	32663	3.620	ng	98
38) 1-Methylnaphthalene	12.069	142	32663	3.801	ng	97
40) 1,2,4,5-Tetrachloroben...	12.439	216	17471	3.899	ng	97
41) Hexachlorocyclopentadiene	12.416	237	11502	4.615	ng	95
43) 2,4,6-Trichlorophenol	12.686	196	10167	3.230	ng	99

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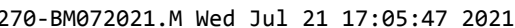
Instrument :
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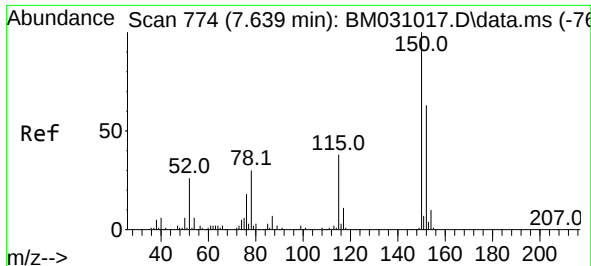
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	11651	3.344	ng	# 85
46) 1,1'-Biphenyl	13.092	154	45365	3.978	ng	98
47) 2-Chloronaphthalene	13.133	162	34050	3.812	ng	95
48) 2-Nitroaniline	13.345	65	8737	3.070	ng	93
49) Acenaphthylene	13.986	152	53137	3.722	ng	98
50) Dimethylphthalate	13.733	163	44376	3.679	ng	99
51) 2,6-Dinitrotoluene	13.845	165	8659	3.205	ng	# 70
52) Acenaphthene	14.327	154	32679	3.638	ng	96
53) 3-Nitroaniline	14.174	138	8410	3.081	ng	97
54) 2,4-Dinitrophenol	14.386	184	3882	2.436	ng	92
55) Dibenzofuran	14.668	168	54415	3.693	ng	92
56) 4-Nitrophenol	14.480	139	6973	2.889	ng	91
57) 2,4-Dinitrotoluene	14.633	165	10813	2.874	ng	# 82
58) Fluorene	15.315	166	44160	3.553	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.892	232	10226	3.149	ng	92
60) Diethylphthalate	15.104	149	45639	3.529	ng	96
61) 4-Chlorophenyl-phenylether	15.321	204	22817	3.707	ng	# 89
62) 4-Nitroaniline	15.339	138	9433	3.133	ng	96
63) Azobenzene	15.609	77	42616	3.311	ng	96
65) 4,6-Dinitro-2-methylph...	15.398	198	5148	2.252	ng	78
66) n-Nitrosodiphenylamine	15.533	169	37757	3.525	ng	97
67) 4-Bromophenyl-phenylether	16.215	248	13352	3.541	ng	96
68) Hexachlorobenzene	16.315	284	15731	3.703	ng	99
69) Atrazine	16.492	200	14832	3.772	ng	97
70) Pentachlorophenol	16.662	266	8230	2.963	ng	90
71) Phenanthrene	17.051	178	75257	3.730	ng	98
72) Anthracene	17.145	178	72424	3.640	ng	99
73) Carbazole	17.415	167	69101	3.508	ng	97
74) Di-n-butylphthalate	17.998	149	75177	3.249	ng	99
75) Fluoranthene	19.074	202	88625	3.510	ng	100
77) Benzidine	19.268	184	44784	4.144	ng	99
78) Pyrene	19.433	202	95019	3.476	ng	99
80) Butylbenzylphthalate	20.356	149	35886	3.075	ng	97
81) Benzo(a)anthracene	21.186	228	103678	3.574	ng	97
82) 3,3'-Dichlorobenzidine	21.127	252	35044	4.407	ng	97
83) Chrysene	21.233	228	101519	3.602	ng	97
84) Bis(2-ethylhexyl)phtha...	21.139	149	56175	3.107	ng	96
85) Di-n-octyl phthalate	22.003	149	99728	3.221	ng	98
87) Indeno(1,2,3-cd)pyrene	25.538	276	123833	3.579	ng	98
88) Benzo(b)fluoranthene	22.727	252	112380	3.503	ng	100
89) Benzo(k)fluoranthene	22.774	252	105914	3.530	ng	99
90) Benzo(a)pyrene	23.280	252	103977	3.600	ng	97
91) Dibenzo(a,h)anthracene	25.550	278	104026	3.473	ng	98
92) Benzo(g,h,i)perylene	26.197	276	104243	3.653	ng	97

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

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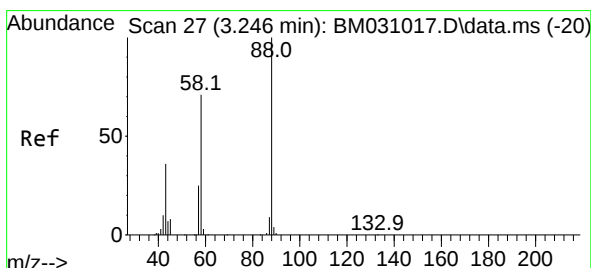
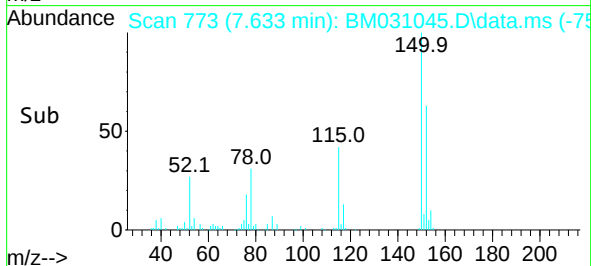
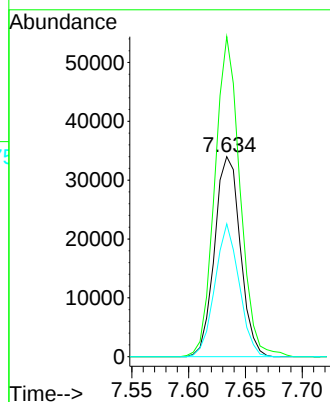
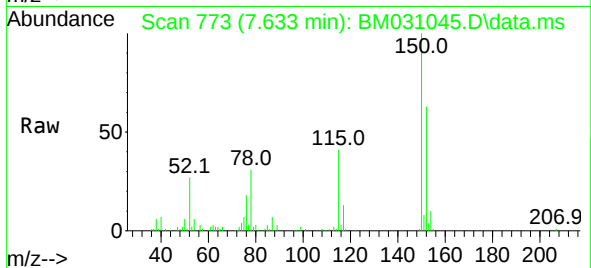




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.633 min Scan# 773
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

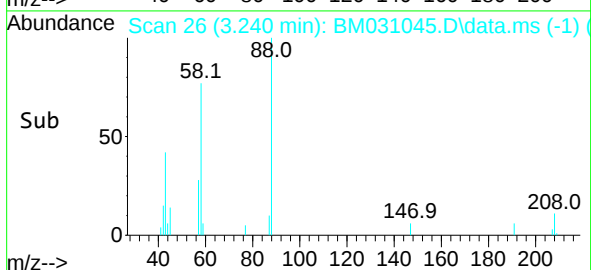
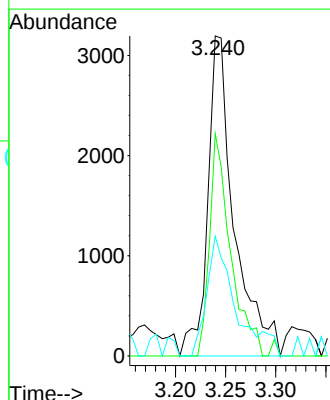
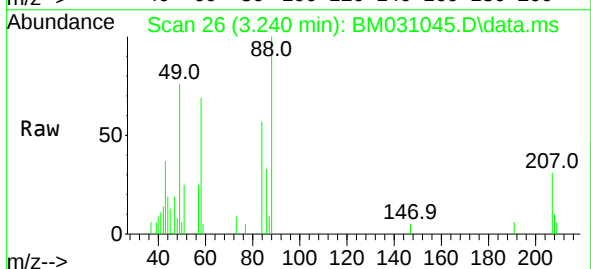
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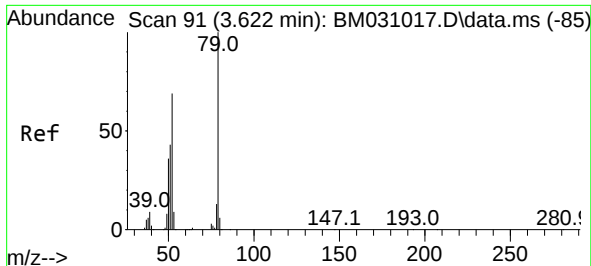
Tgt Ion:152 Resp: 53572
Ion Ratio Lower Upper
152 100
150 160.0 125.9 188.9
115 66.4 44.6 67.0



#2
1,4-Dioxane
Concen: 4.893 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 88 Resp: 5866
Ion Ratio Lower Upper
88 100
58 55.2 53.6 80.4
43 40.6 25.8 38.6#

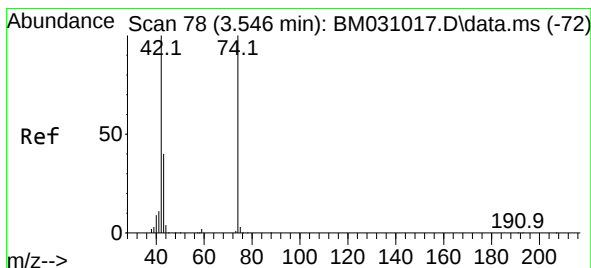
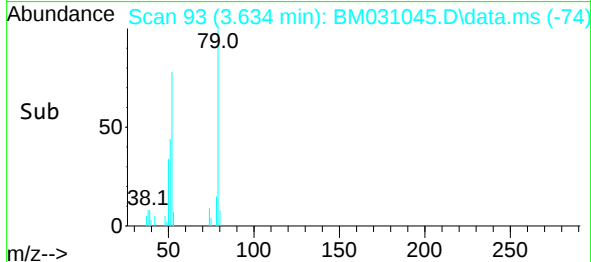
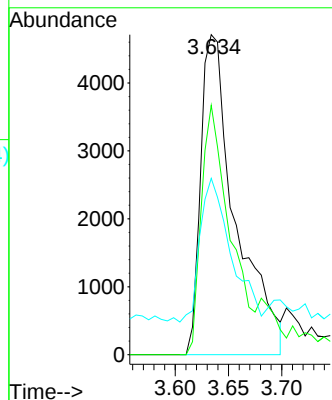
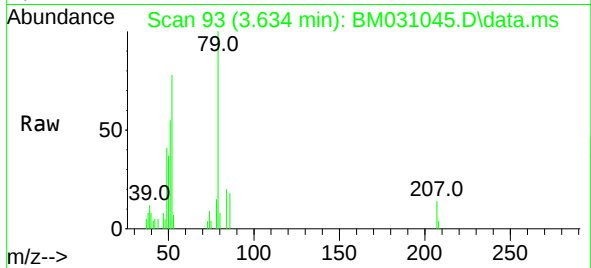




#3
Pyridine
Concen: 3.166 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

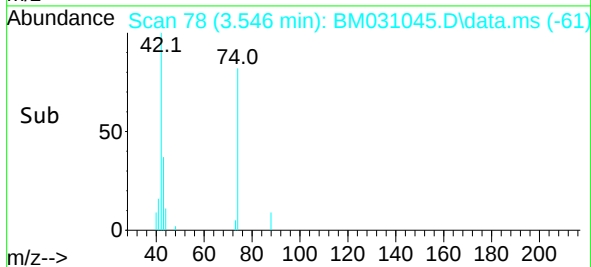
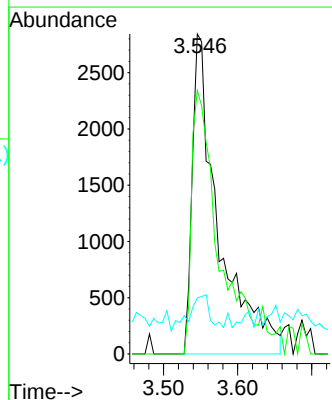
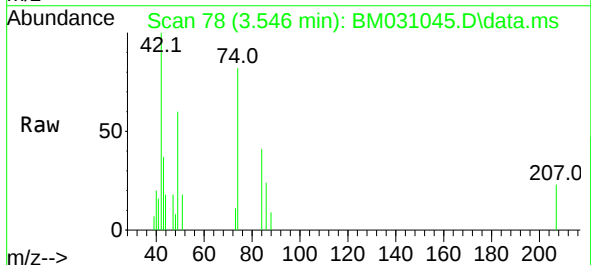
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

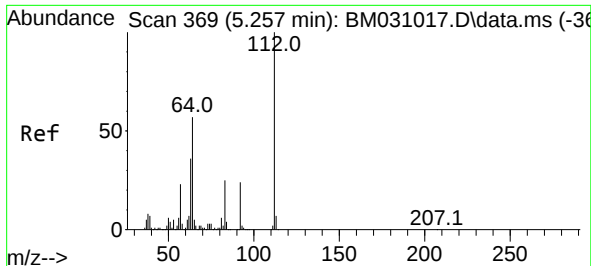
Tgt Ion: 79 Resp: 10737
Ion Ratio Lower Upper
79 100
52 77.9 48.2 72.2#
51 55.1 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 3.639 ng
RT: 3.546 min Scan# 78
Delta R.T. -0.000 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 42 Resp: 7014
Ion Ratio Lower Upper
42 100
74 82.3 84.1 126.1#
44 17.6 4.5 6.7#

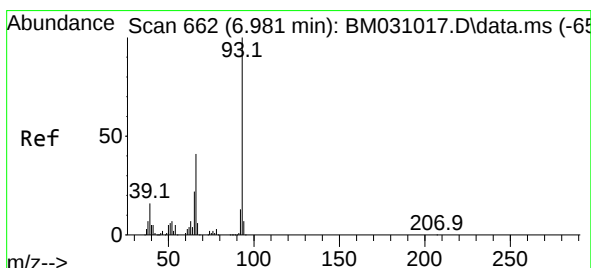
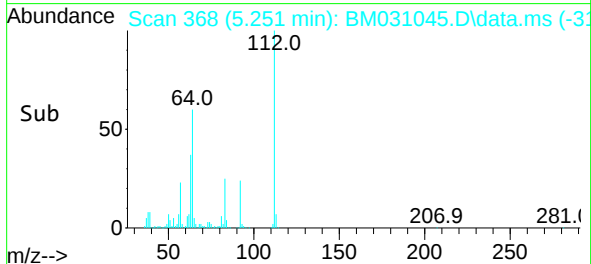
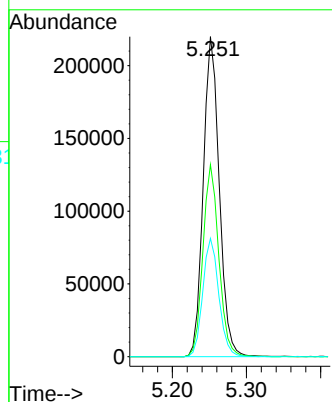
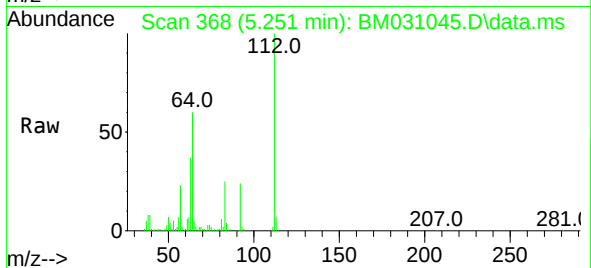




#5
2-Fluorophenol
Concen: 110.720 ng
RT: 5.251 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

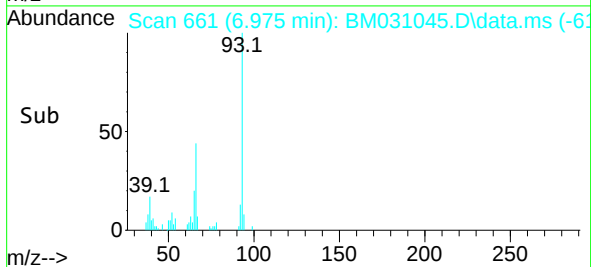
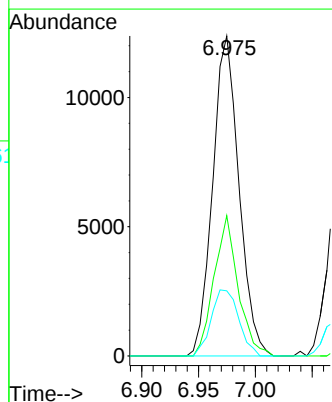
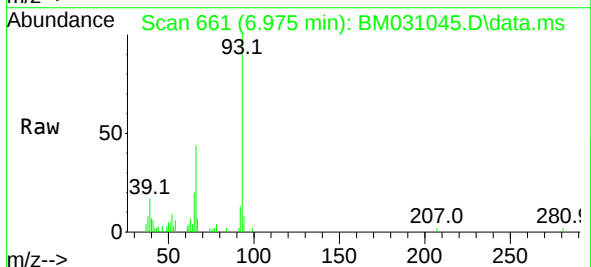
Instrument :
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ClientSampleId :
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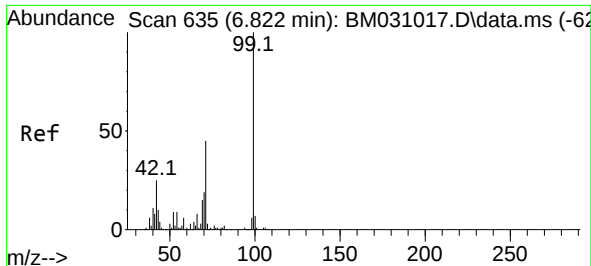
Tgt Ion:	112	Resp:	330316
Ion	Ratio	Lower	Upper
112	100		
64	60.0	47.1	70.7
63	36.9	27.3	40.9



#6
Aniline
Concen: 4.291 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	93	Resp:	19924
Ion	Ratio	Lower	Upper
93	100		
66	43.9	32.7	49.1
65	20.4	16.8	25.2

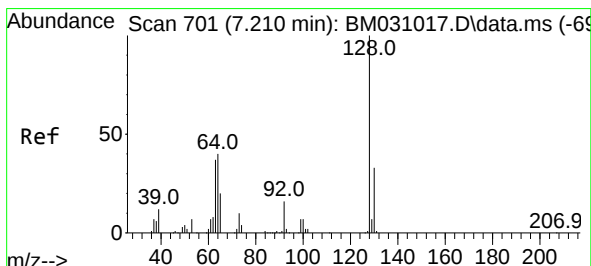
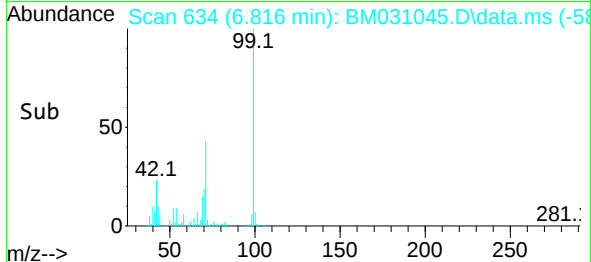
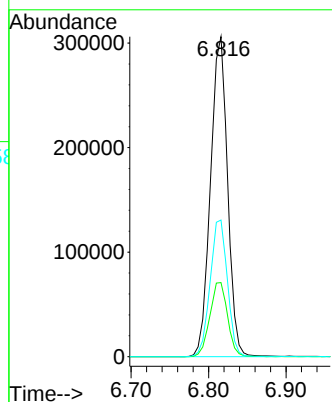
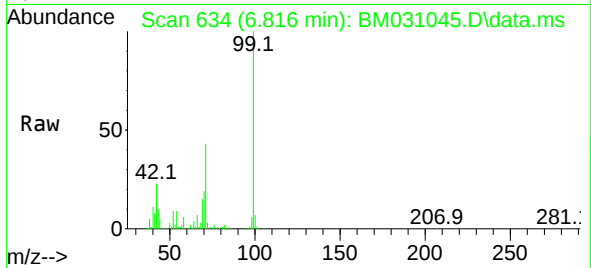




#7
Phenol-d6
Concen: 108.401 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

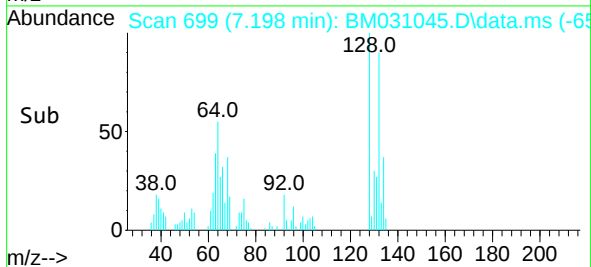
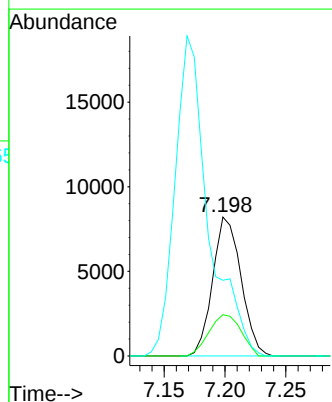
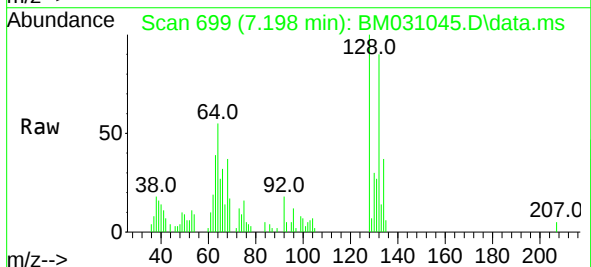
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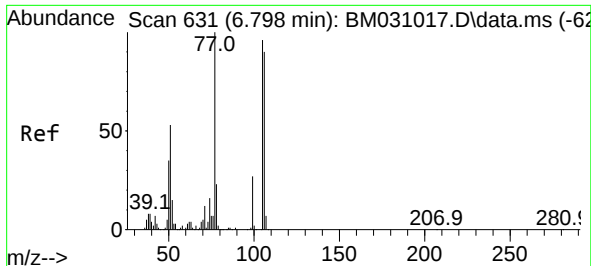
Tgt Ion: 99 Resp: 468808
Ion Ratio Lower Upper
99 100
42 23.2 18.0 27.0
71 42.7 30.9 46.3



#8
2-Chlorophenol
Concen: 3.791 ng
RT: 7.198 min Scan# 699
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 128 Resp: 13313
Ion Ratio Lower Upper
128 100
130 29.8 13.5 53.5
64 54.5 25.7 65.7

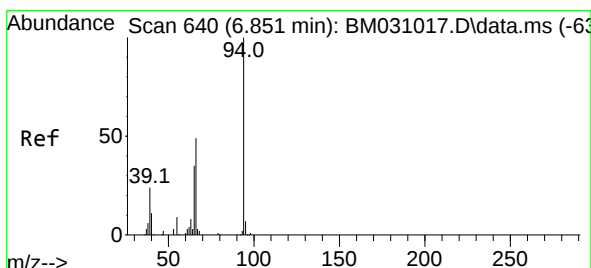
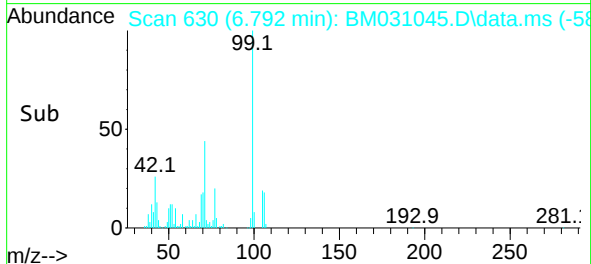
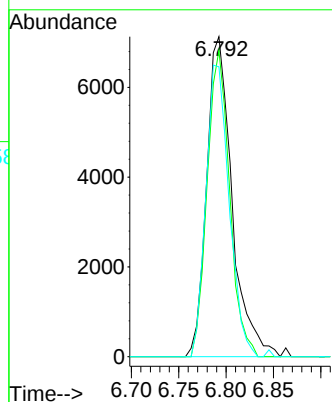
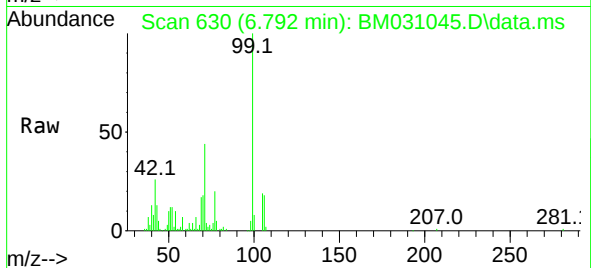




#9
Benzaldehyde
Concen: 5.155 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

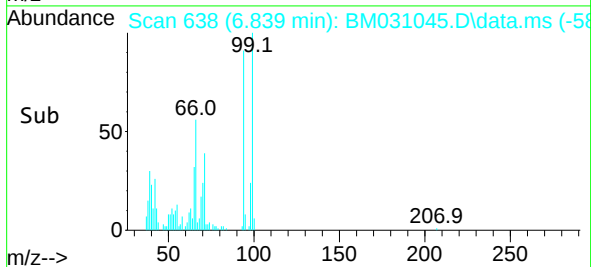
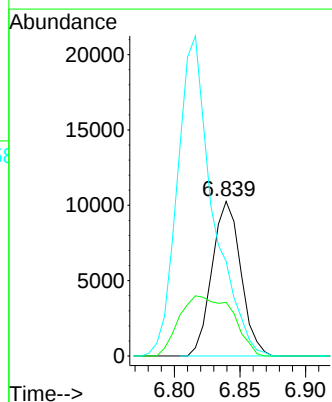
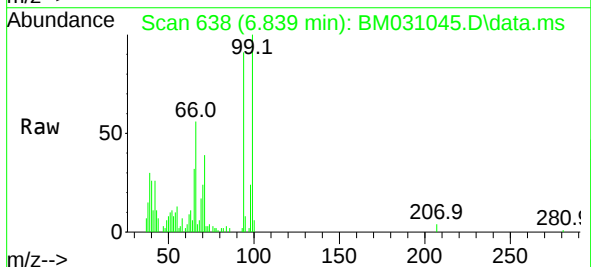
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ClientSampleId :
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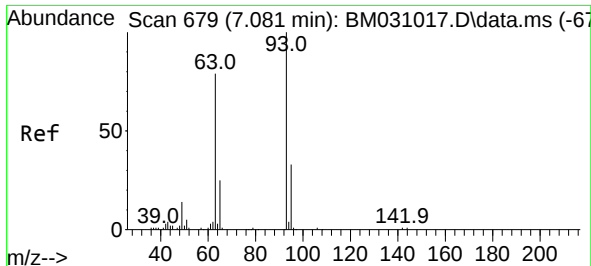
Tgt Ion: 77	Resp: 13283
Ion Ratio	Lower Upper
77 100	
105 95.7	71.2 111.2
106 90.6	68.6 108.6



#10
Phenol
Concen: 3.746 ng
RT: 6.839 min Scan# 638
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 94	Resp: 15697
Ion Ratio	Lower Upper
94 100	
65 34.6	11.9 51.9
66 61.1	22.6 62.6

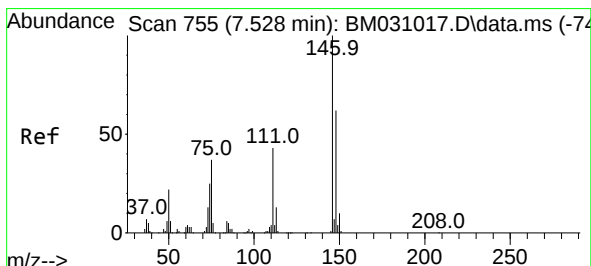
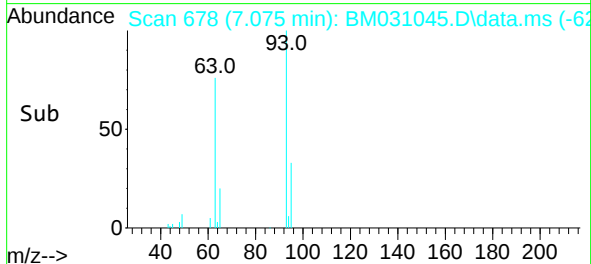
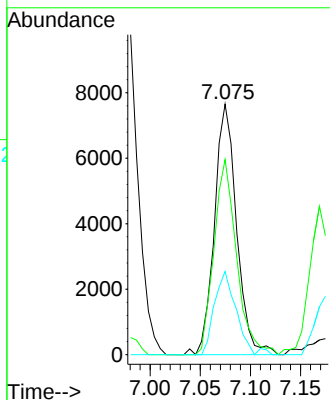
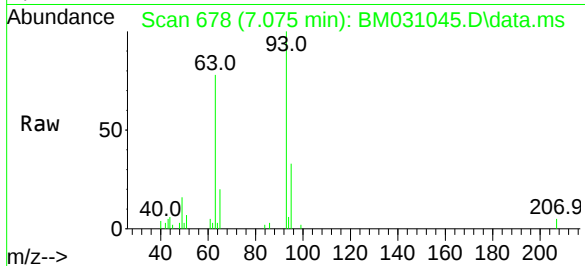




#11
bis(2-Chloroethyl)ether
Concen: 3.787 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

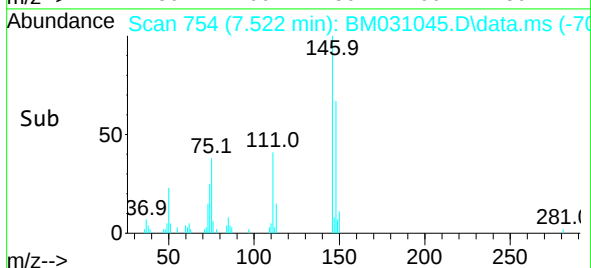
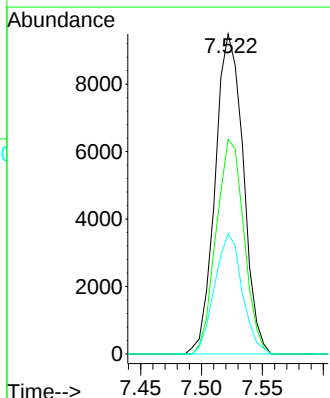
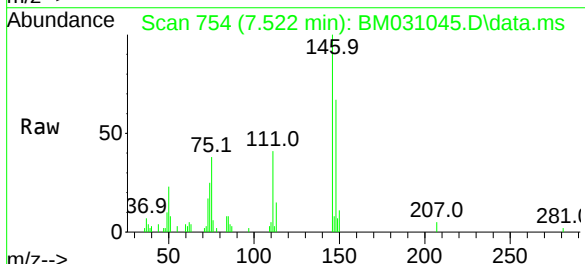
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

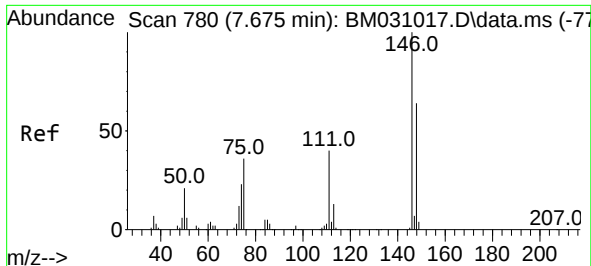
Tgt Ion:	93	Resp:	11748
Ion	Ratio	Lower	Upper
93	100		
63	77.9	54.3	94.3
95	33.2	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 3.986 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	146	Resp:	15222
Ion	Ratio	Lower	Upper
146	100		
148	67.0	52.2	78.4
75	37.6	25.8	38.8

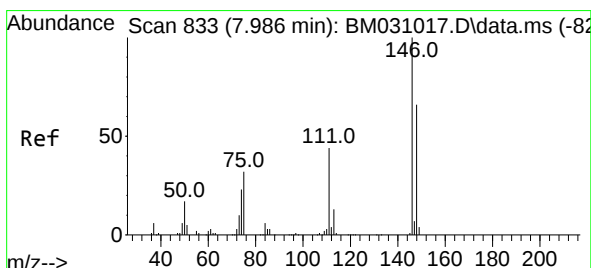
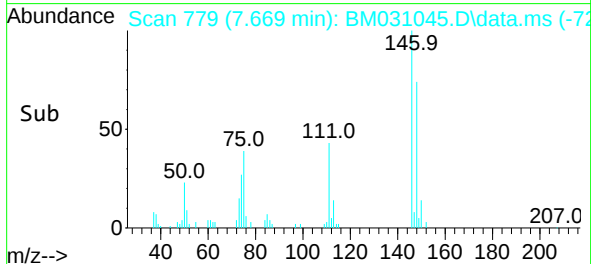
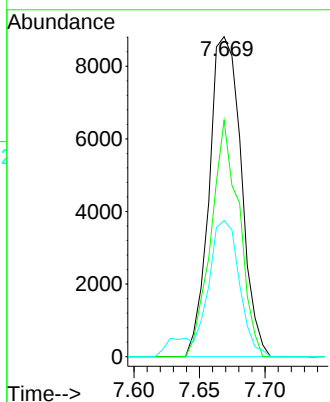
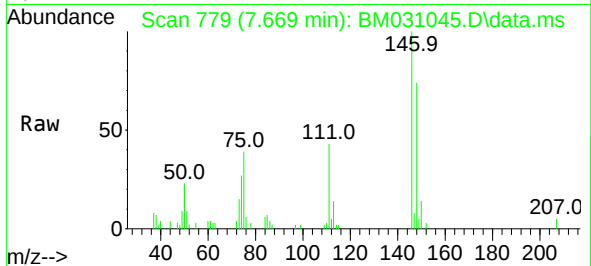




#13
1,4-Dichlorobenzene
Concen: 3.846 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

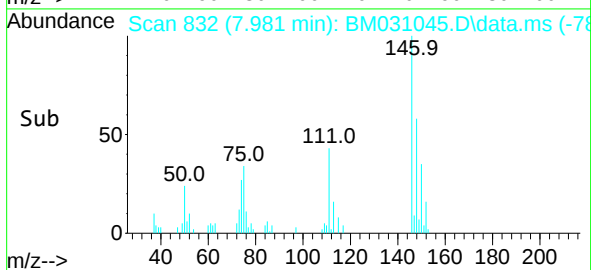
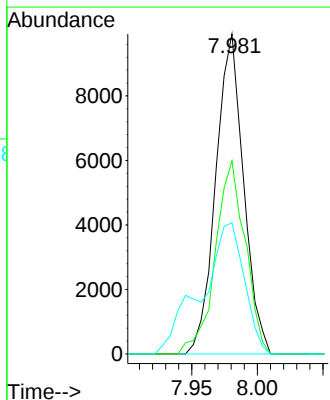
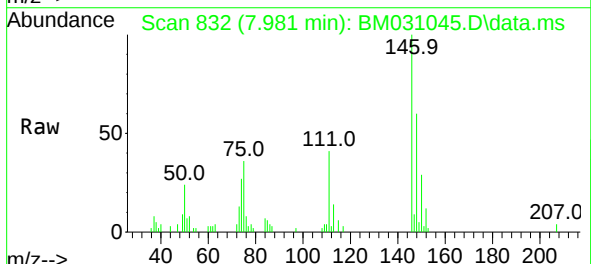
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

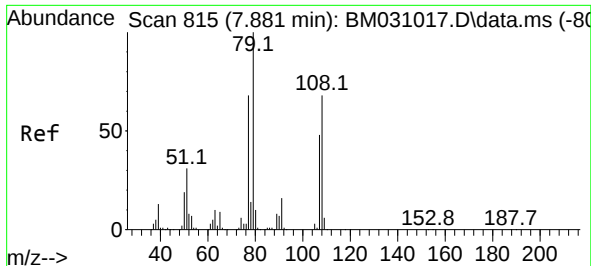
Tgt Ion:146	Resp:	14946
Ion Ratio	Lower	Upper
146	100	
148	73.9	51.8 77.8
111	42.5	31.0 46.6



#14
1,2-Dichlorobenzene
Concen: 3.855 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:146	Resp:	14632
Ion Ratio	Lower	Upper
146	100	
148	60.4	51.7 77.5
111	41.0	32.6 49.0





#15

Benzyl Alcohol

Concen: 3.678 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

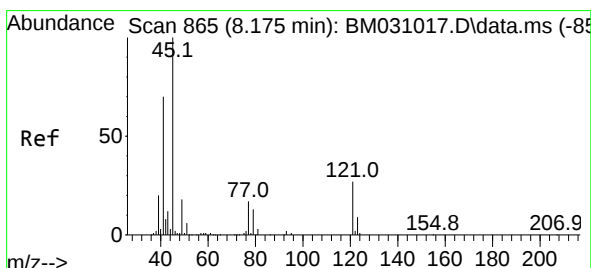
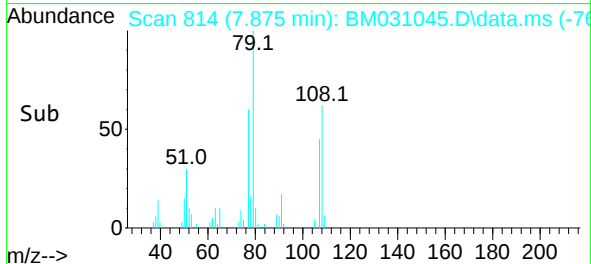
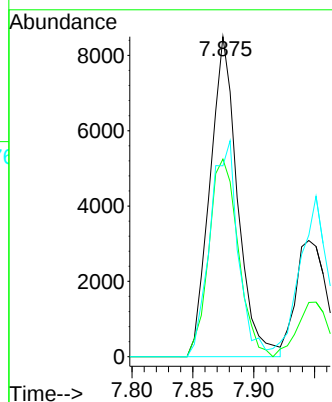
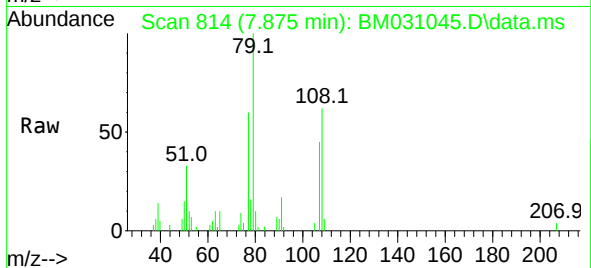
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	79	Resp:	13392
Ion	Ratio	Lower	Upper
79	100		
108	61.8	57.0	85.4
77	59.7	54.6	81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.319 ng

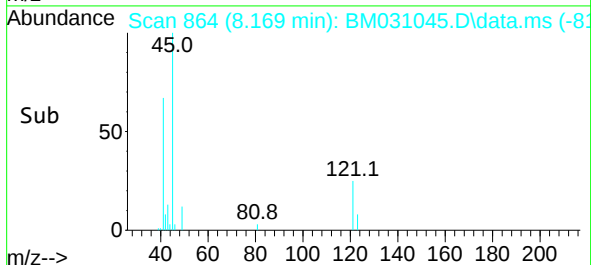
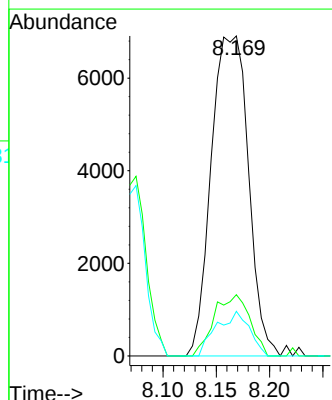
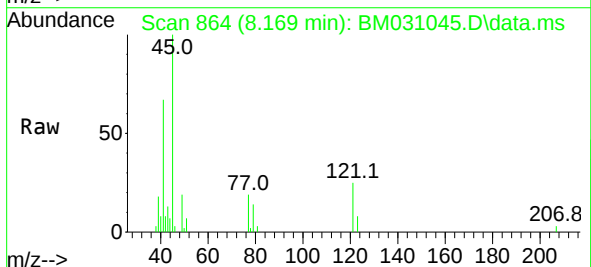
RT: 8.169 min Scan# 864

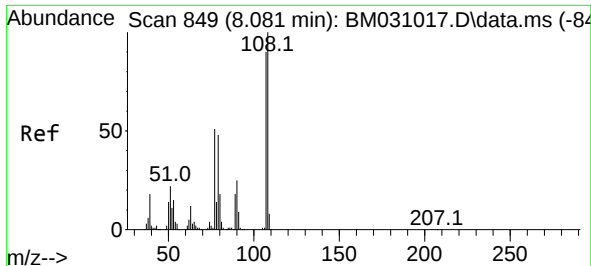
Delta R.T. -0.006 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

Tgt Ion:	45	Resp:	16759
Ion	Ratio	Lower	Upper
45	100		
77	19.2	0.0	38.0
79	13.9	0.0	34.1

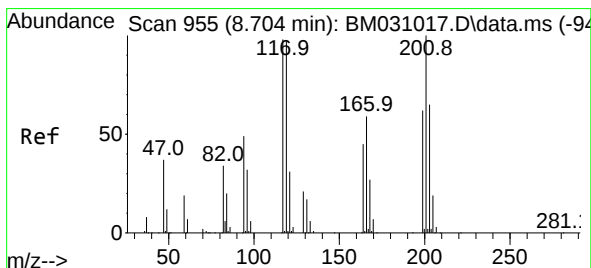
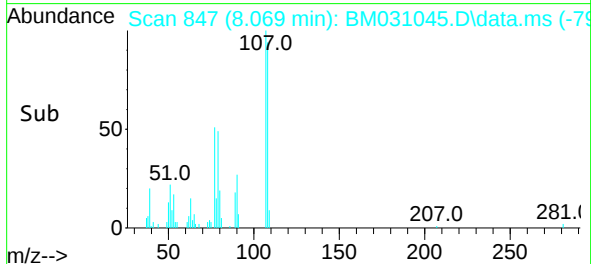
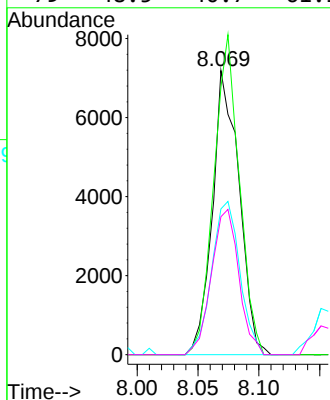
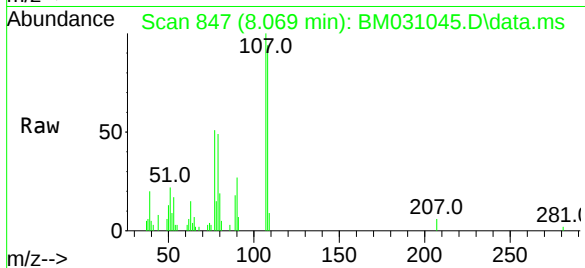




#17
2-Methylphenol
Concen: 3.728 ng
RT: 8.069 min Scan# 847
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

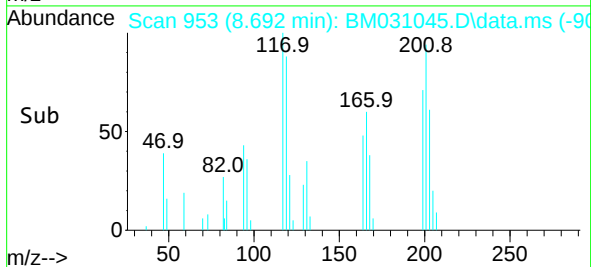
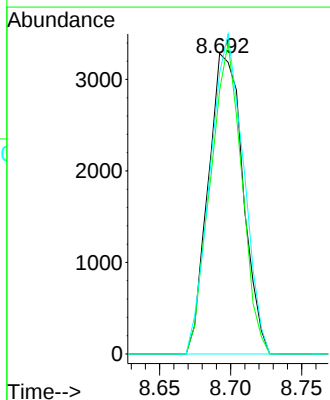
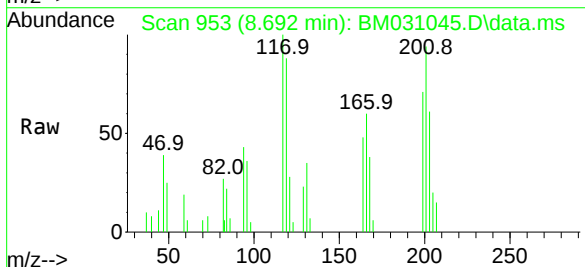
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

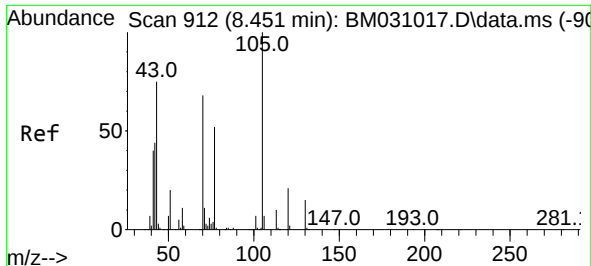
Tgt Ion:	107	Resp:	10929
Ion	Ratio	Lower	Upper
107	100		
108	94.1	85.0	127.6
77	51.3	41.3	61.9
79	48.5	40.7	61.1



#18
Hexachloroethane
Concen: 3.717 ng
RT: 8.692 min Scan# 953
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	117	Resp:	5576
Ion	Ratio	Lower	Upper
117	100		
119	87.8	76.2	114.2
201	93.6	89.8	134.6

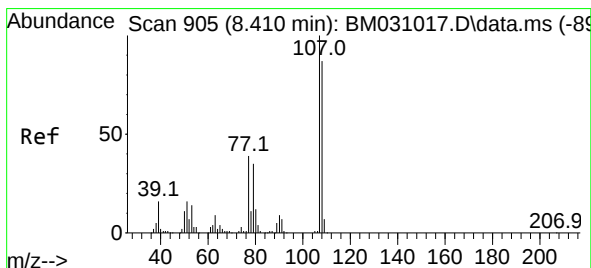
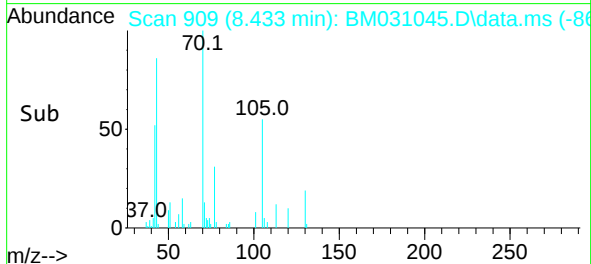
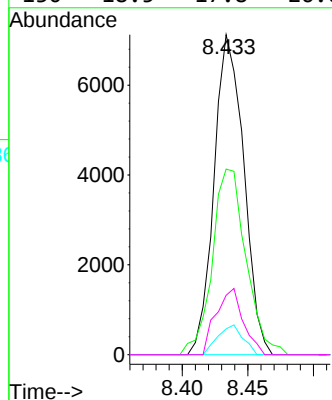
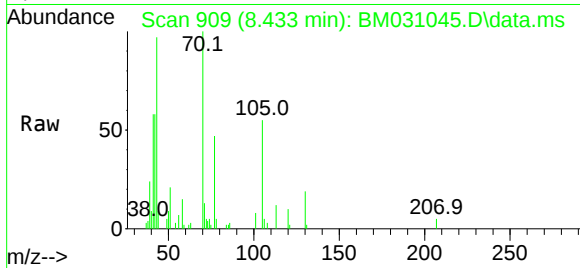




#19
n-Nitroso-di-n-propylamine
Concen: 3.675 ng
RT: 8.433 min Scan# 909
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

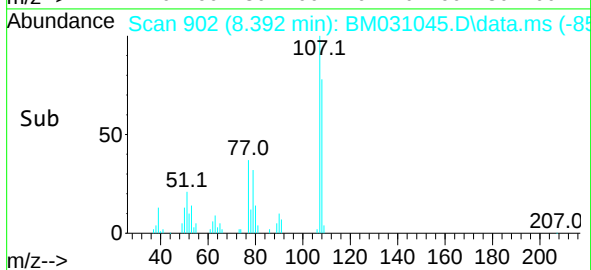
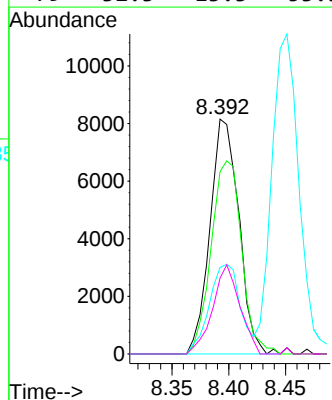
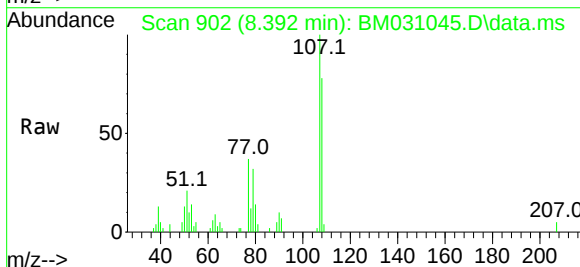
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

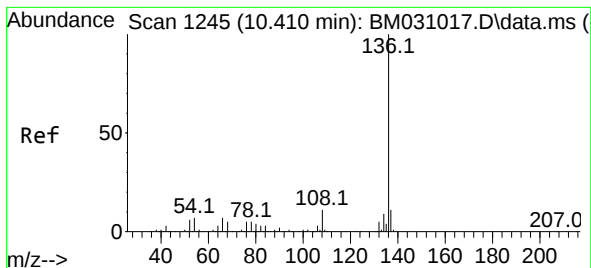
Tgt Ion:	70	Resp:	11226
Ion Ratio	Lower	Upper	
70	100		
42	58.0	51.4	77.0
101	8.0	8.1	12.1#
130	18.5	17.8	26.6



#20
3+4-Methylphenols
Concen: 3.474 ng
RT: 8.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

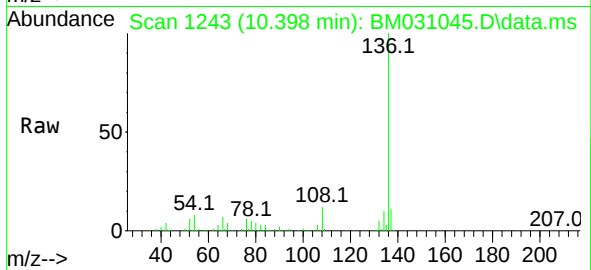
Tgt Ion:	107	Resp:	14401
Ion Ratio	Lower	Upper	
107	100		
108	77.6	69.9	109.9
77	36.8	17.3	57.3
79	32.3	13.3	53.3



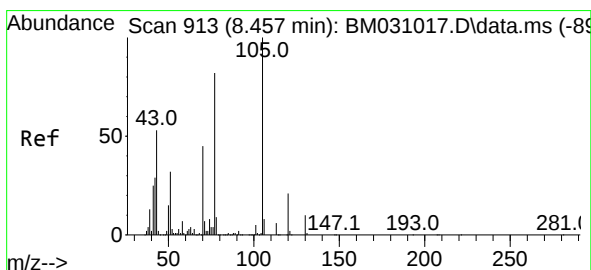
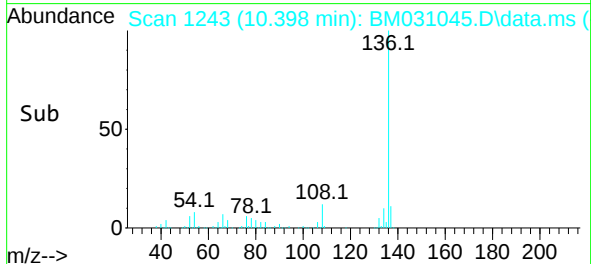
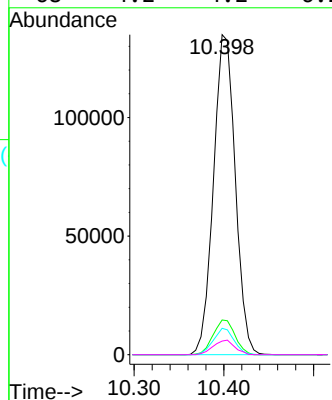


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.398 min Scan# 1243
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

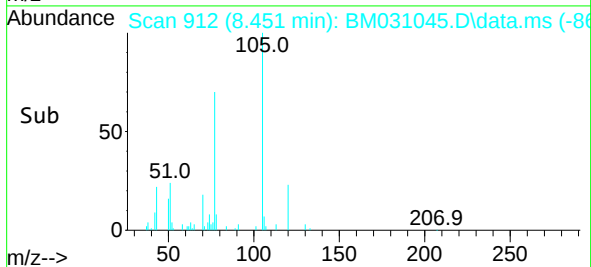
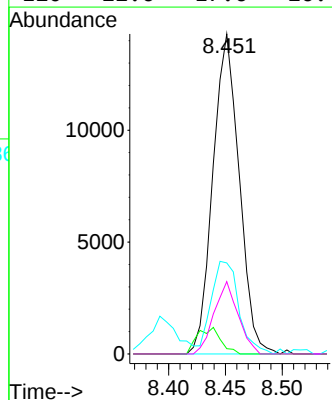
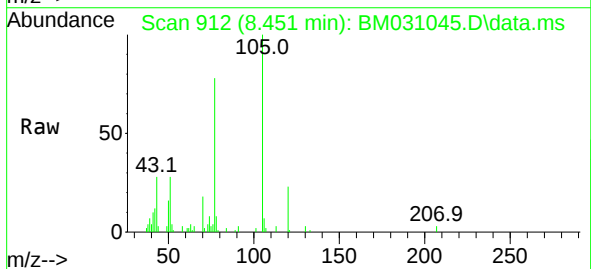


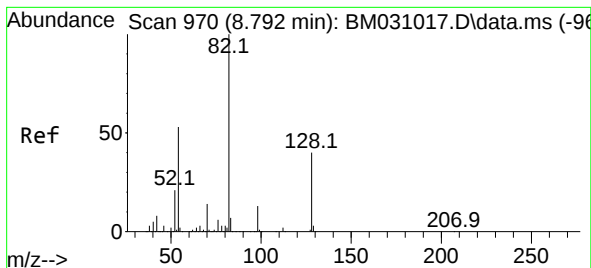
Tgt Ion:136 Resp: 227532
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.3 5.5 8.3
68 4.2 4.2 6.2



#22
Acetophenone
Concen: 4.089 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:105 Resp: 23030
Ion Ratio Lower Upper
105 100
71 1.7 3.4 5.0#
51 28.5 22.2 33.4
120 22.6 17.6 26.4

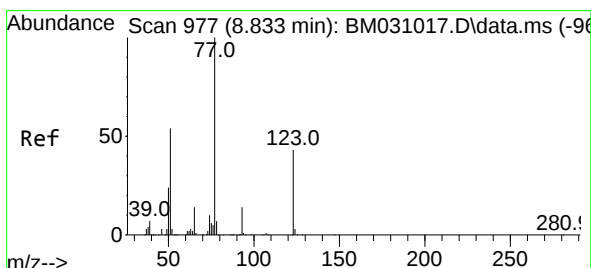
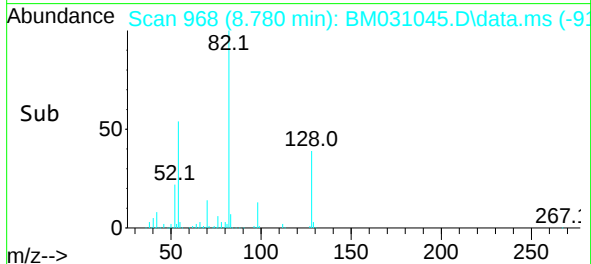
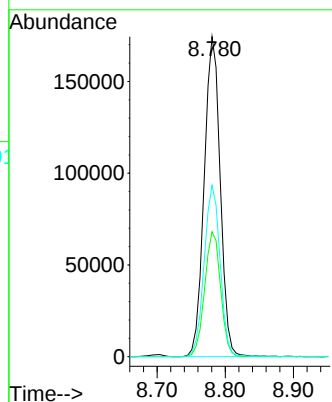
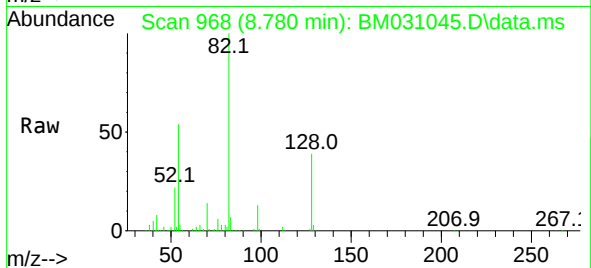




#23
Nitrobenzene-d5
Concen: 63.106 ng
RT: 8.780 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

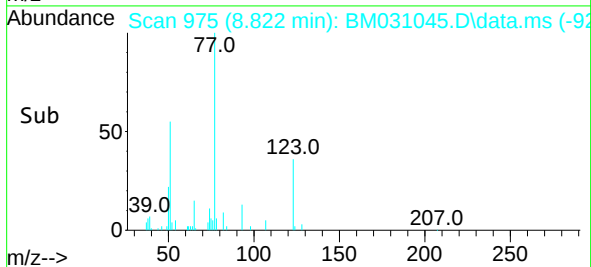
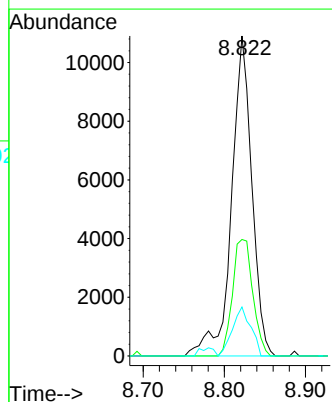
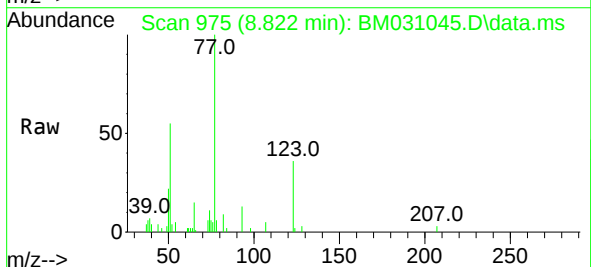
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

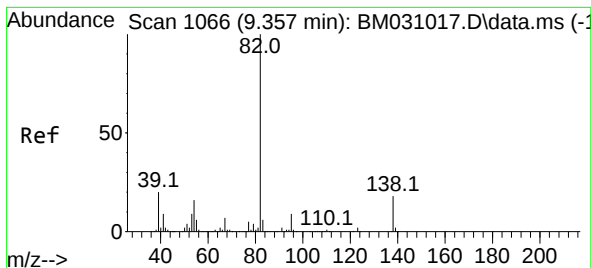
Tgt Ion: 82 Resp: 285976
Ion Ratio Lower Upper
82 100
128 39.0 31.1 46.7
54 53.6 37.3 55.9



#24
Nitrobenzene
Concen: 4.151 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 77 Resp: 18996
Ion Ratio Lower Upper
77 100
123 36.4 34.0 51.0
65 15.3 11.0 16.4





#25

Isophorone

Concen: 3.443 ng

RT: 9.345 min Scan# 1064

Delta R.T. -0.012 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

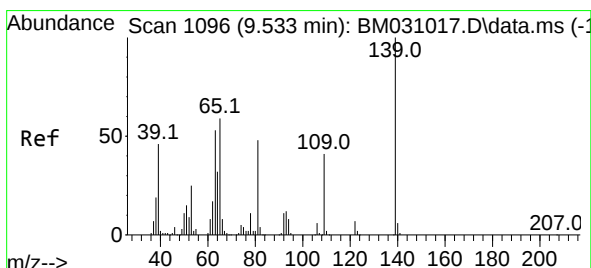
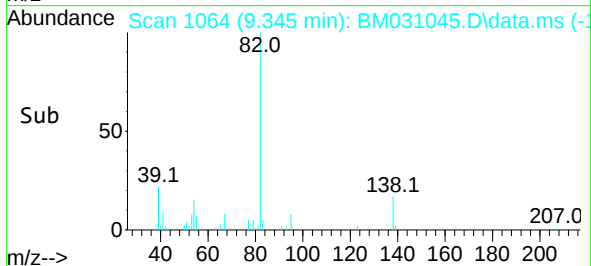
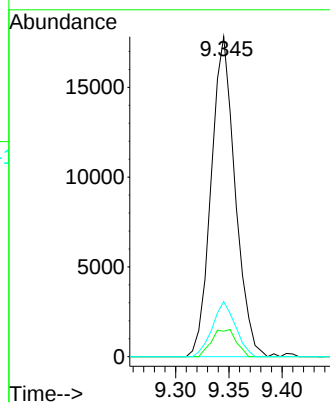
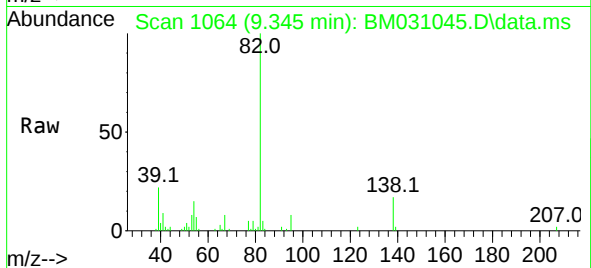
Tgt Ion:	82	Resp:	27899
Ion	Ratio	Lower	Upper
82	100		
95	7.9	6.3	9.5
138	17.2	14.5	21.7

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#26

2-Nitrophenol

Concen: 3.216 ng

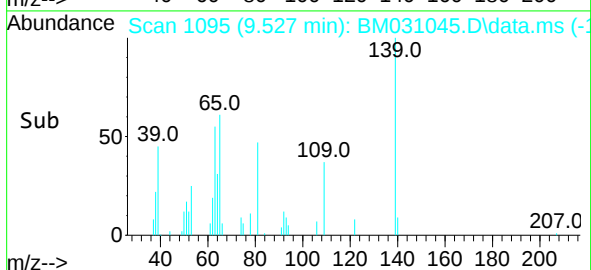
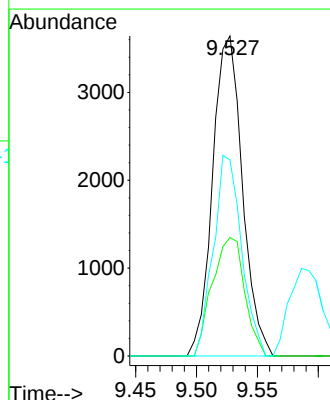
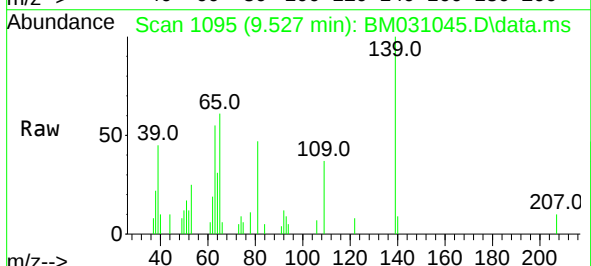
RT: 9.527 min Scan# 1095

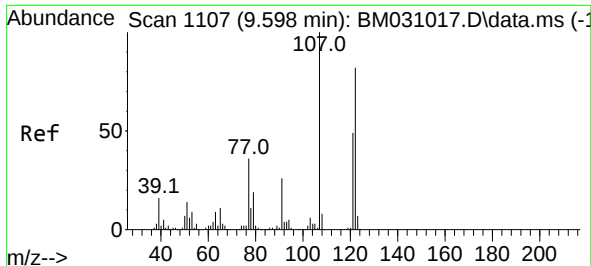
Delta R.T. -0.006 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

Tgt Ion:	139	Resp:	6196
Ion	Ratio	Lower	Upper
139	100		
109	37.0	26.7	40.1
65	61.2	41.9	62.9

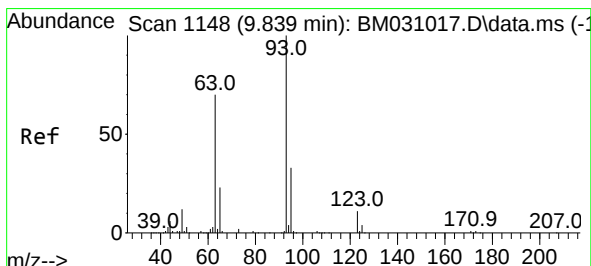
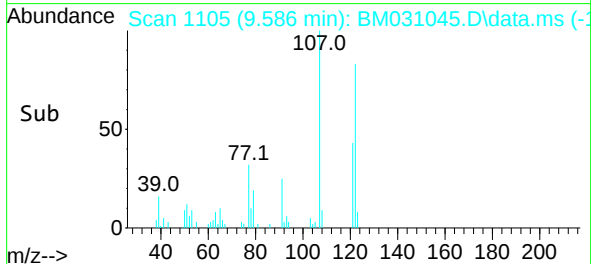
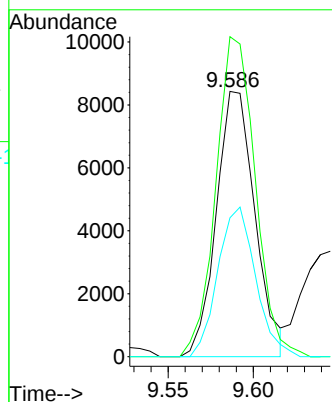
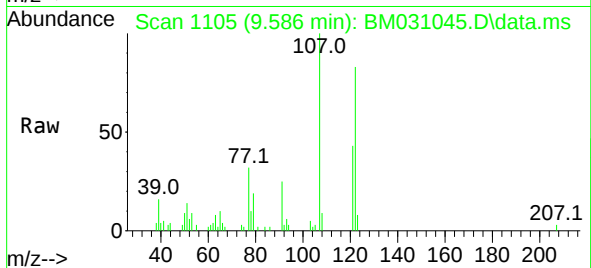




#27
2,4-Dimethylphenol
Concen: 4.382 ng
RT: 9.586 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

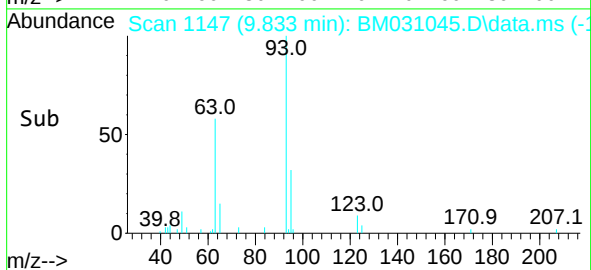
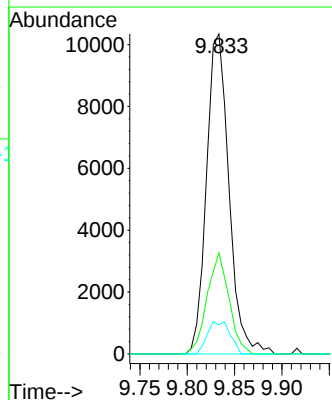
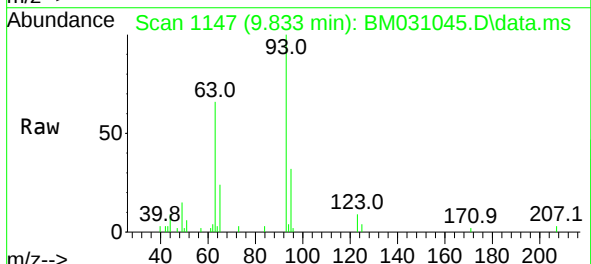
Instrument :
BNA_M
ClientSampleId :
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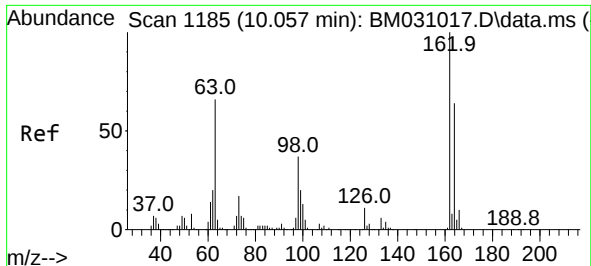
Tgt Ion:	122	Resp:	13304
Ion	Ratio	Lower	Upper
122	100		
107	120.7	95.0	142.6
121	52.3	48.1	72.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.171 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	93	Resp:	17042
Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.2	39.2
123	9.1	9.3	13.9#

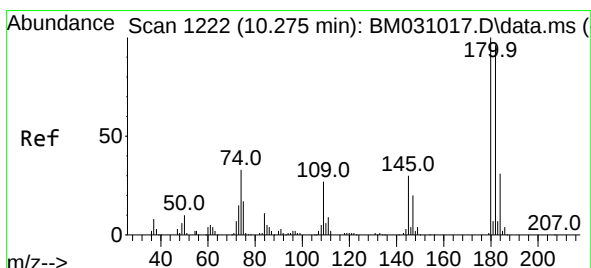
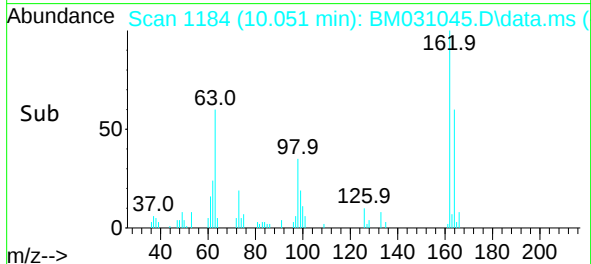
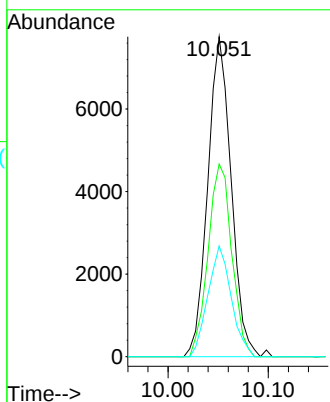
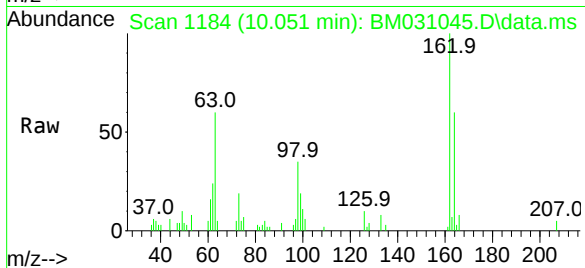




#29
2,4-Dichlorophenol
Concen: 3.511 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

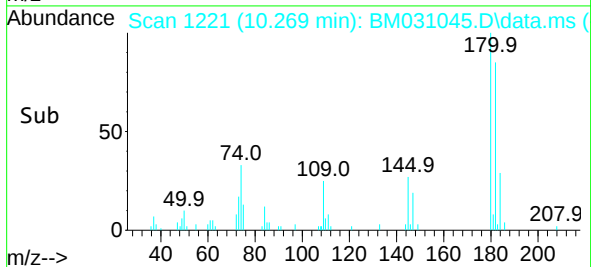
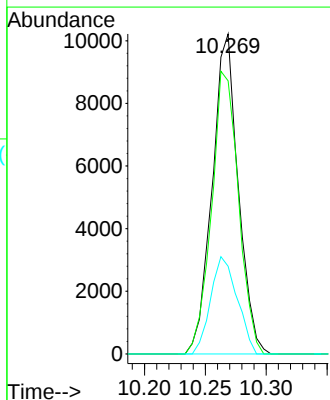
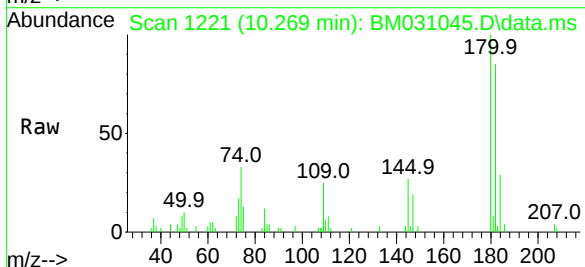
Instrument :
BNA_M
ClientSampleId :
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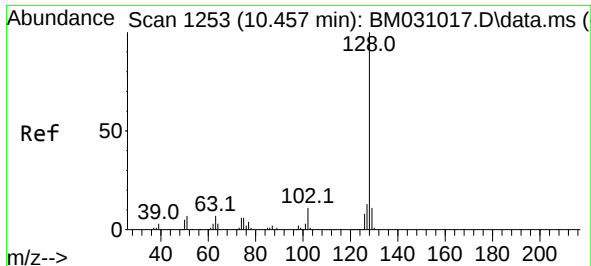
Tgt Ion:	162	Resp:	12606
Ion Ratio	Lower	Upper	
162	100		
164	60.2	46.5	86.5
98	34.6	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 3.856 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	180	Resp:	15205
Ion Ratio	Lower	Upper	
180	100		
182	85.3	76.3	114.5
145	27.4	22.3	33.5

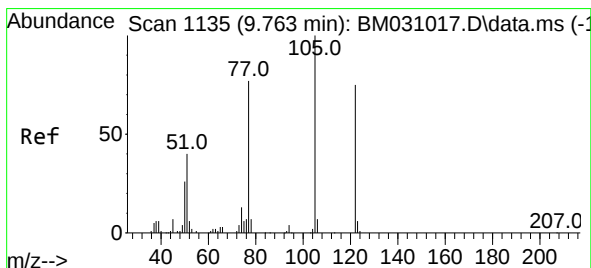
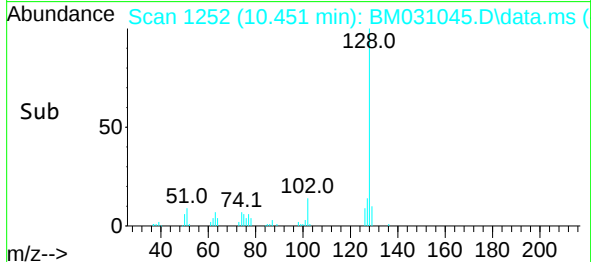
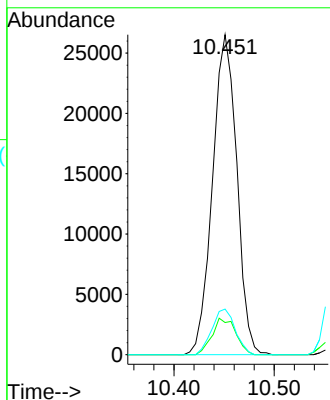
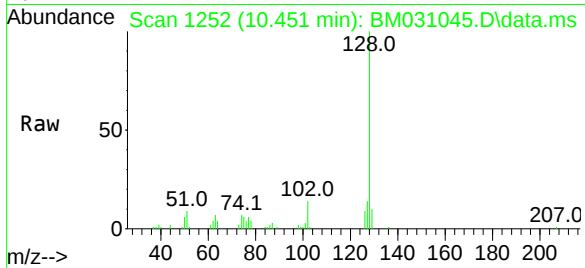




#31
Naphthalene
Concen: 3.810 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

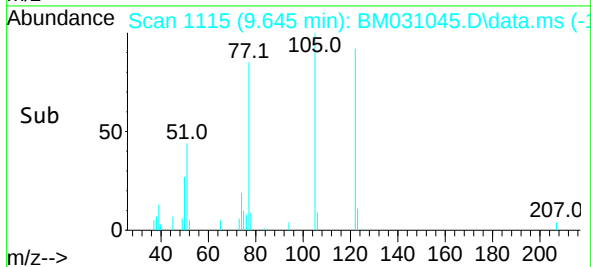
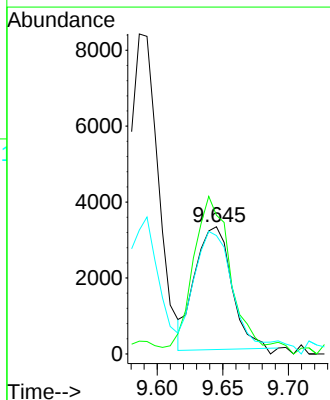
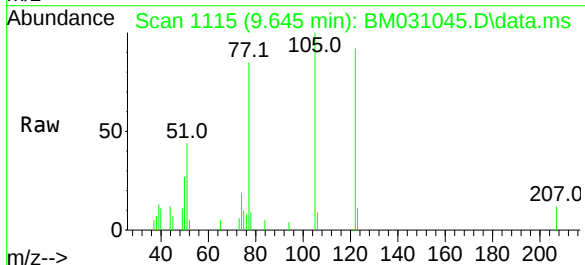
Instrument :
BNA_M
ClientSampleId :
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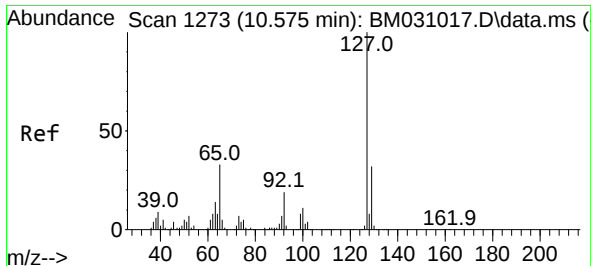
Tgt Ion:128	Resp:	44610
Ion Ratio	Lower	Upper
128	100	
129	10.0	9.0 13.6
127	14.2	10.8 16.2



#32
Benzoic acid
Concen: 2.415 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.118 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:122	Resp:	6247
Ion Ratio	Lower	Upper
122	100	
105	109.1	107.3 147.3
77	93.0	88.0 128.0

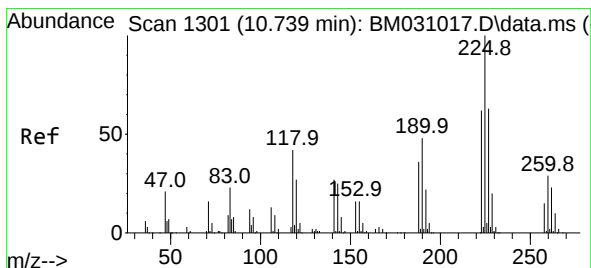
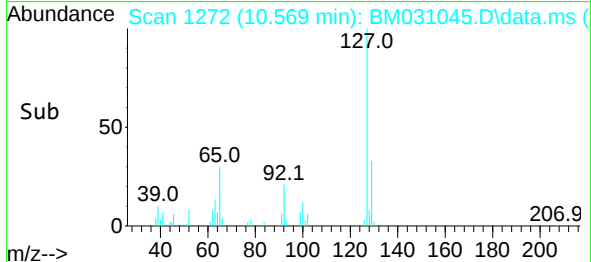
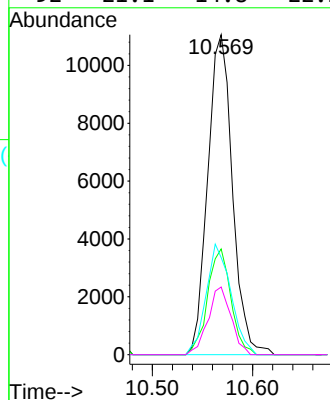
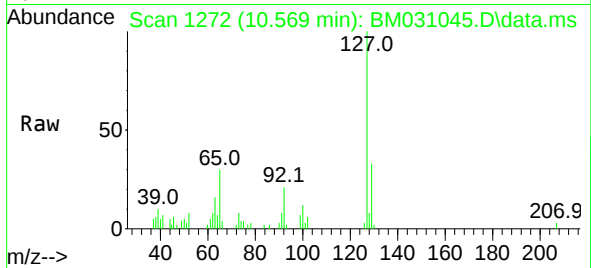




#33
4-Chloroaniline
Concen: 3.755 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

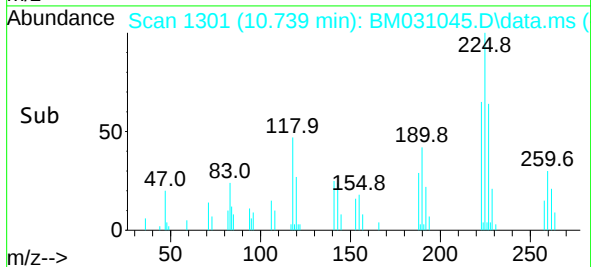
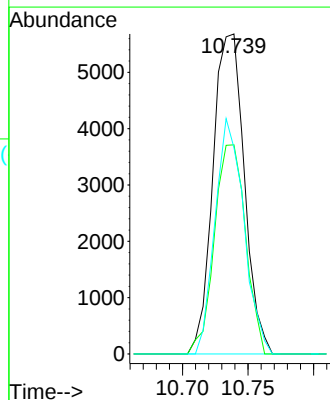
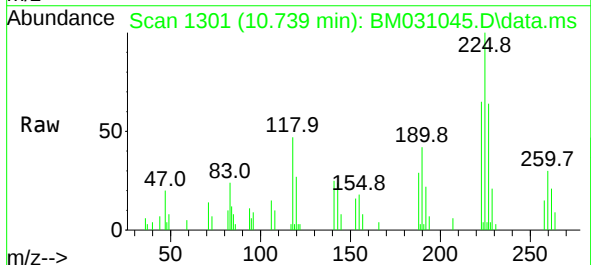
Instrument :
BNA_M
ClientSampleId :
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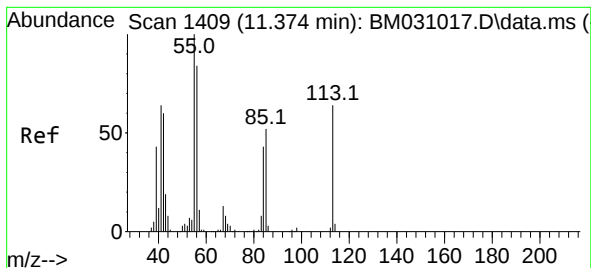
Tgt Ion:127	Resp:	18963
Ion Ratio	Lower	Upper
127	100	
129	33.1	26.8 40.2
65	30.3	25.2 37.8
92	21.1	14.8 22.2



#34
Hexachlorobutadiene
Concen: 3.732 ng
RT: 10.739 min Scan# 1301
Delta R.T. -0.000 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:225	Resp:	9449
Ion Ratio	Lower	Upper
225	100	
223	65.4	52.1 78.1
227	64.5	53.8 80.6

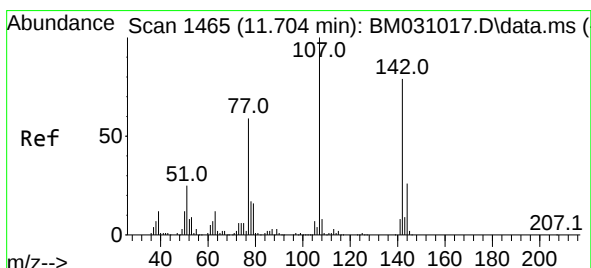
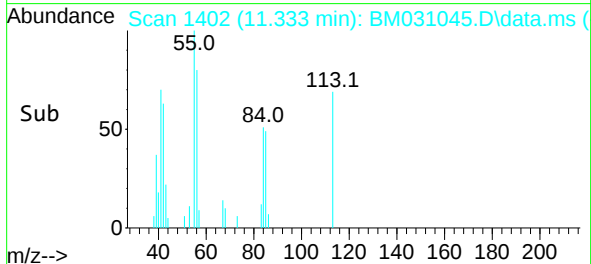
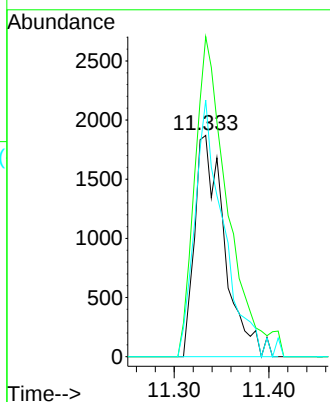
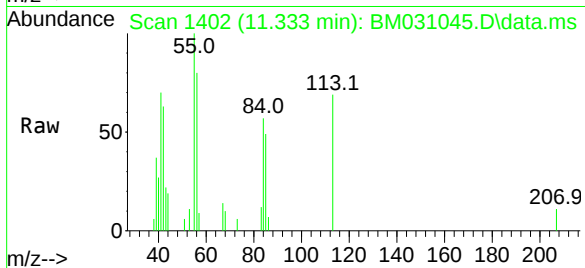




#35
Caprolactam
Concen: 3.386 ng
RT: 11.333 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

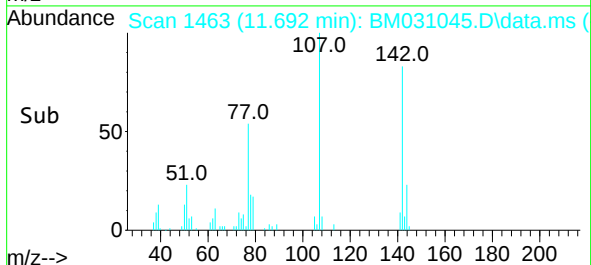
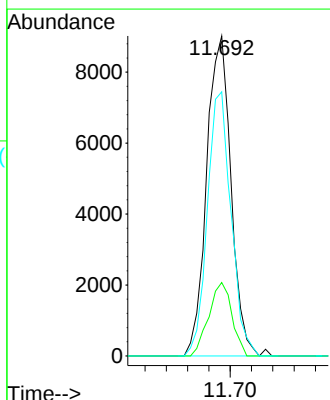
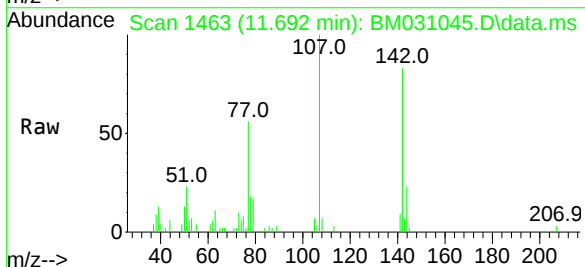
Instrument :
BNA_M
ClientSampleId :
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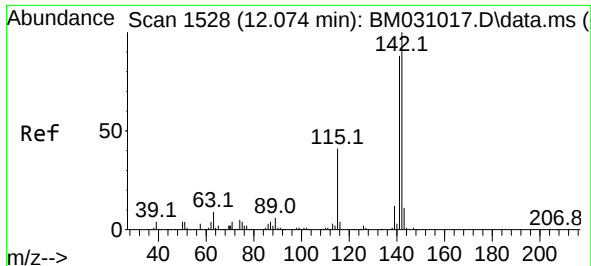
Tgt Ion:113 Resp: 4087
Ion Ratio Lower Upper
113 100
55 144.6 132.0 172.0
56 115.9 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 3.495 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:107 Resp: 14321
Ion Ratio Lower Upper
107 100
144 23.0 22.3 33.5
142 82.6 69.3 103.9

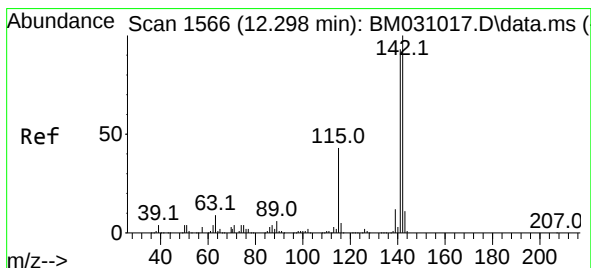
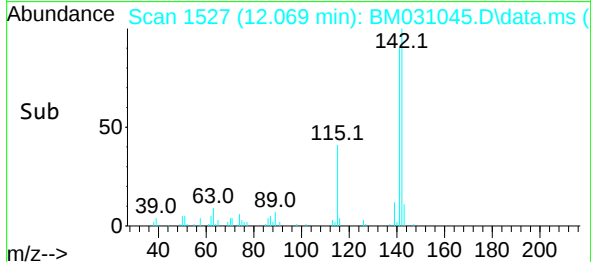
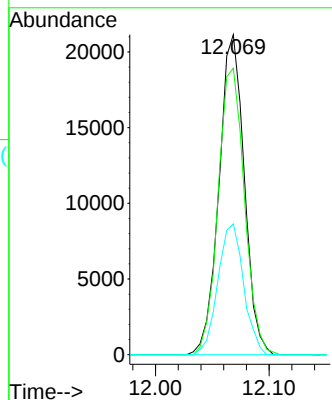
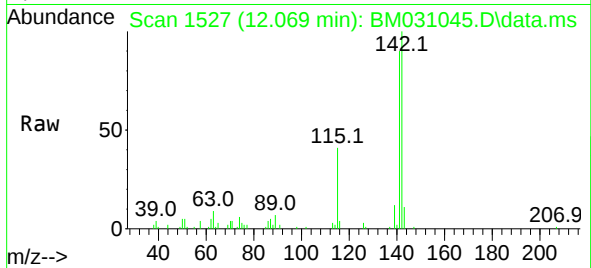




#37
2-Methylnaphthalene
Concen: 3.620 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

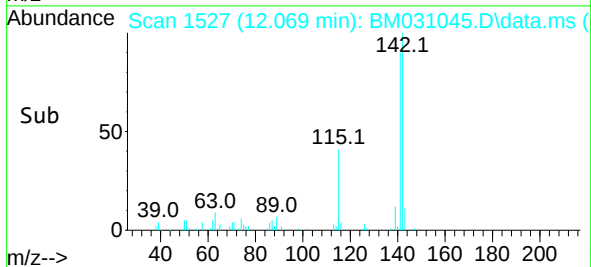
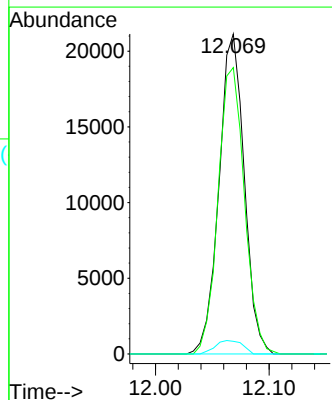
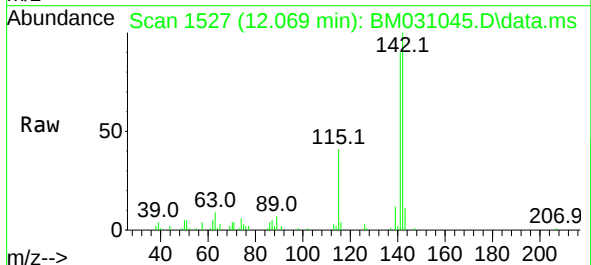
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

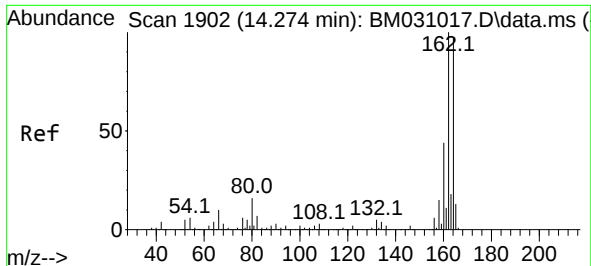
Tgt Ion:142 Resp: 32663
Ion Ratio Lower Upper
142 100
141 89.5 71.7 107.5
115 40.9 29.1 43.7



#38
1-Methylnaphthalene
Concen: 3.801 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.229 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:142 Resp: 32663
Ion Ratio Lower Upper
142 100
141 89.5 74.2 111.4
116 4.0 3.0 4.6

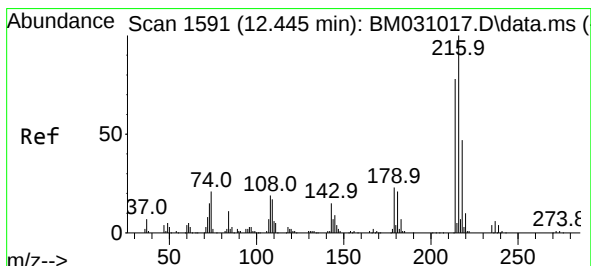
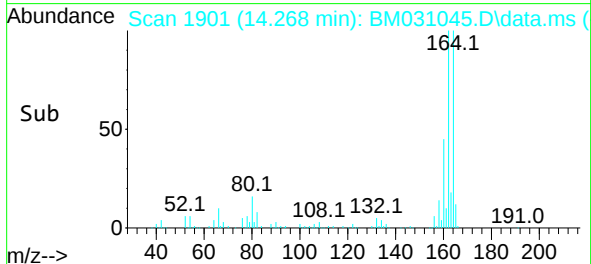
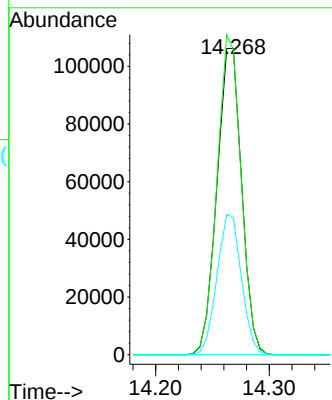
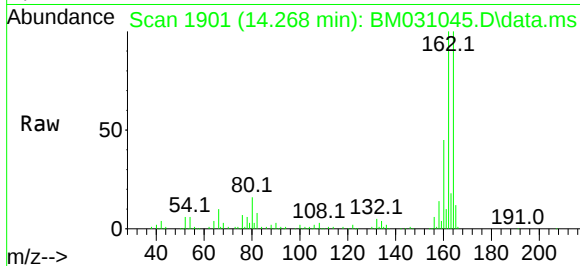




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

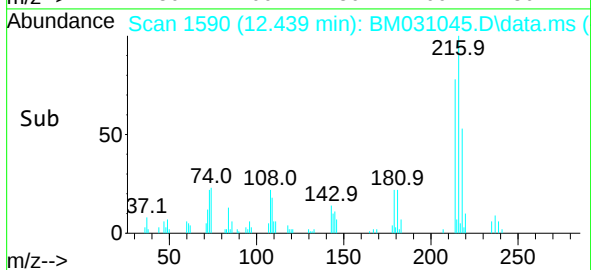
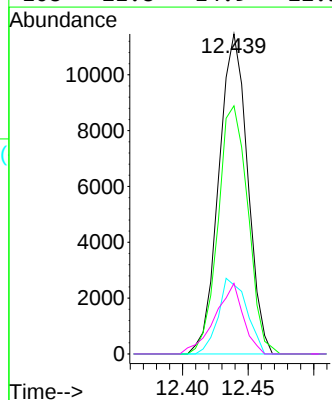
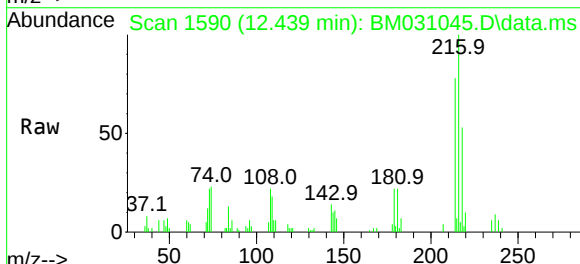
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

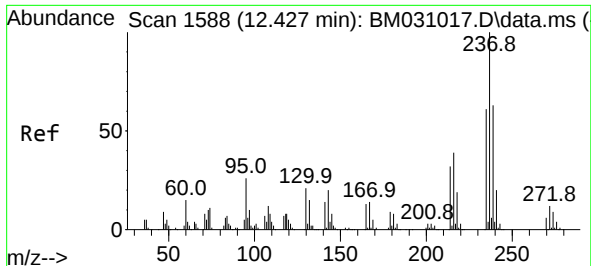
Tgt Ion:164 Resp: 160811
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 44.9 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.899 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:216 Resp: 17471
Ion Ratio Lower Upper
216 100
214 80.4 63.0 94.4
179 23.2 17.6 26.4
108 21.8 14.9 22.3

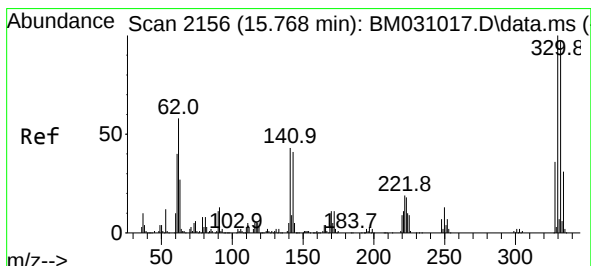
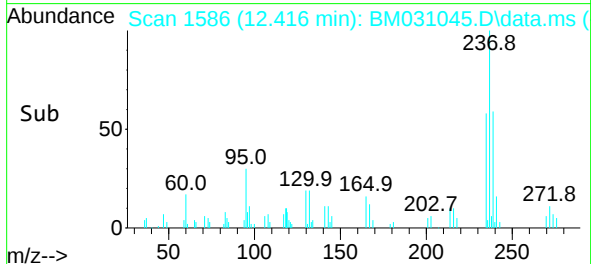
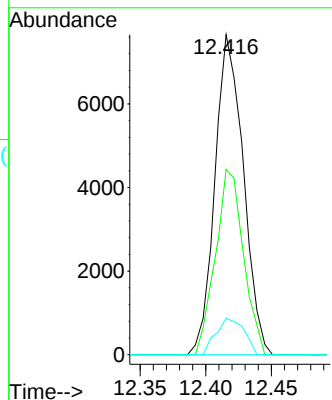
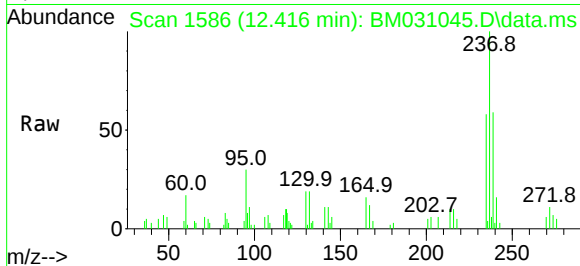




#41
Hexachlorocyclopentadiene
Concen: 4.615 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

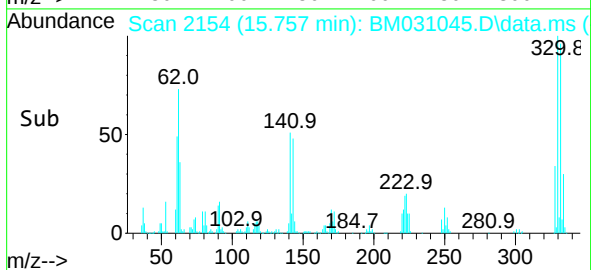
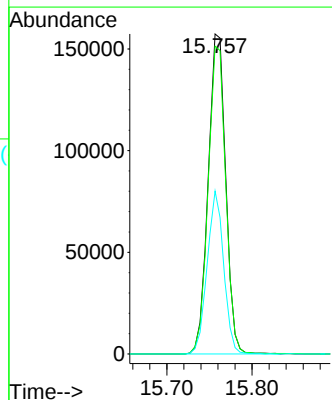
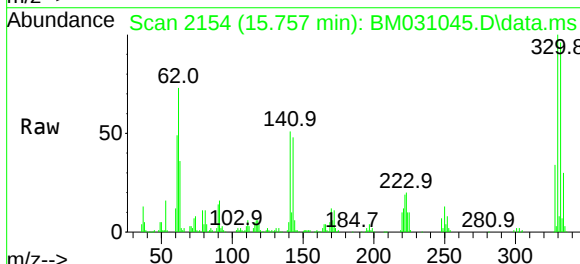
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

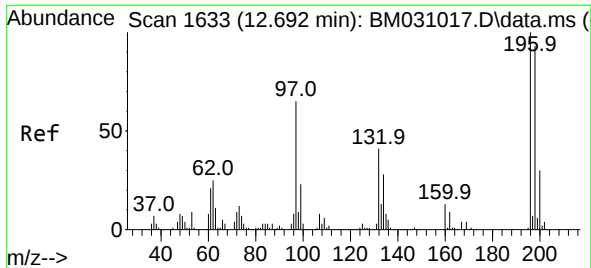
Tgt Ion:237 Resp: 11502
Ion Ratio Lower Upper
237 100
235 57.9 42.4 82.4
272 11.3 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 107.034 ng
RT: 15.757 min Scan# 2154
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:330 Resp: 224761
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 48.1 30.2 45.2#

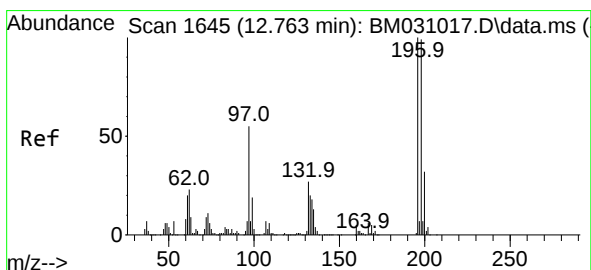
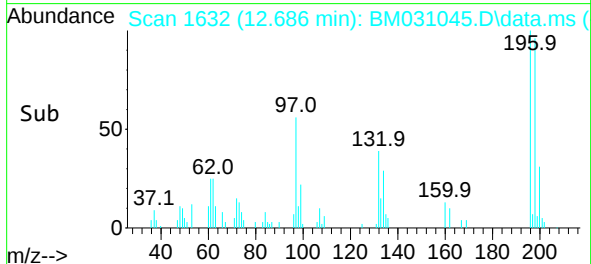
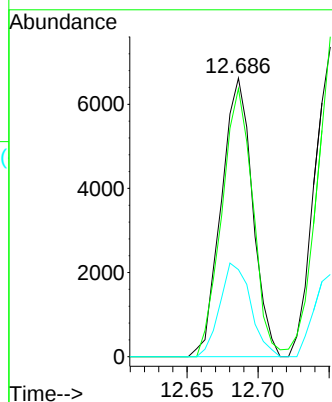
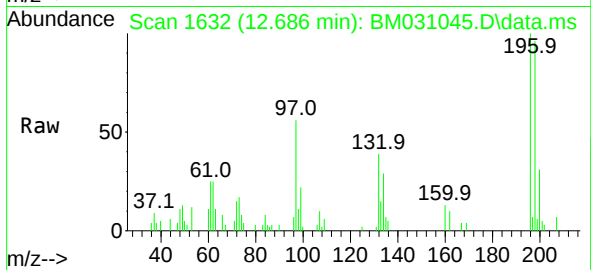




#43
2,4,6-Trichlorophenol
Concen: 3.230 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

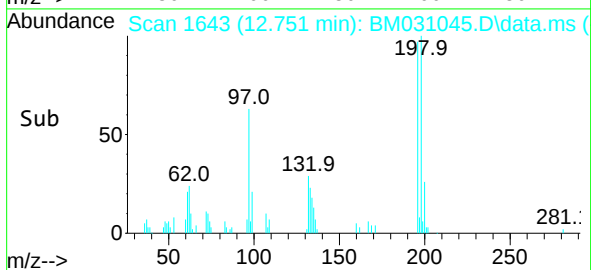
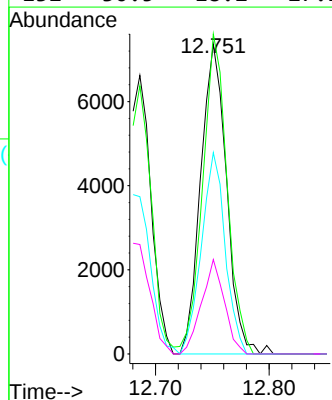
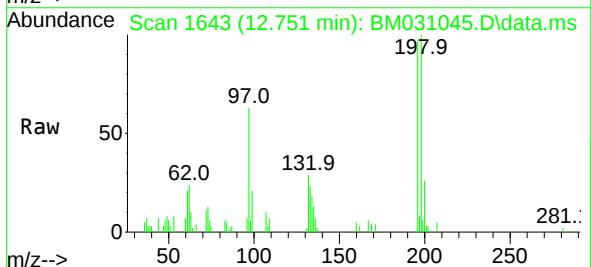
Instrument :
BNA_M
ClientSampleId :
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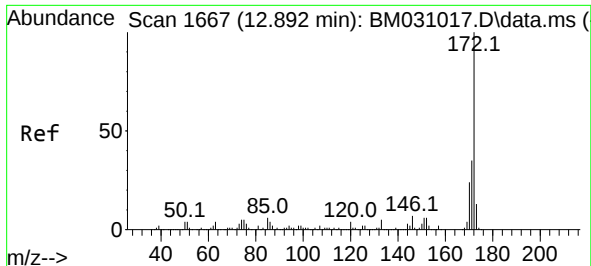
Tgt Ion:196	Resp:	10167
Ion Ratio	Lower	Upper
196	100	
198	96.3	77.6 116.4
200	31.2	24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 3.344 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

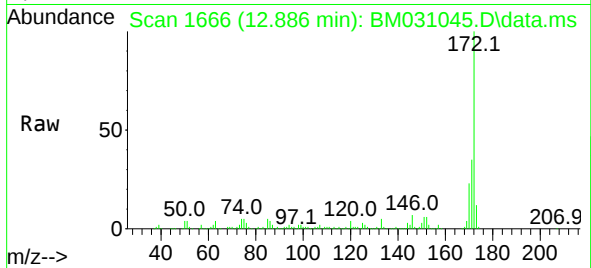
Tgt Ion:196	Resp:	11651
Ion Ratio	Lower	Upper
196	100	
198	103.3	77.0 115.4
97	65.0	36.6 55.0#
132	30.5	18.2 27.2#



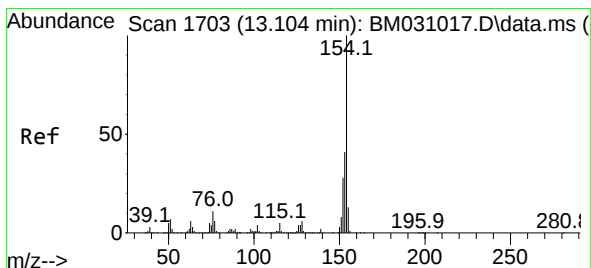
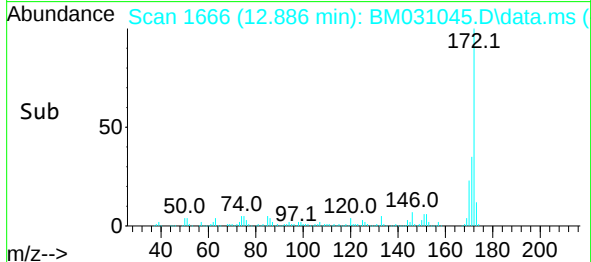
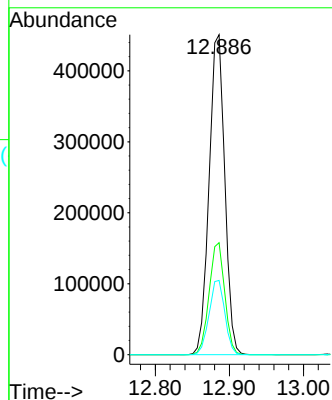


#45
2-Fluorobiphenyl
Concen: 61.322 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

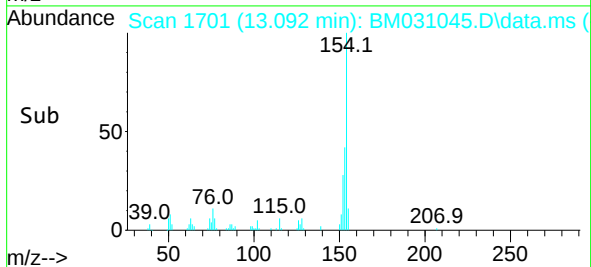
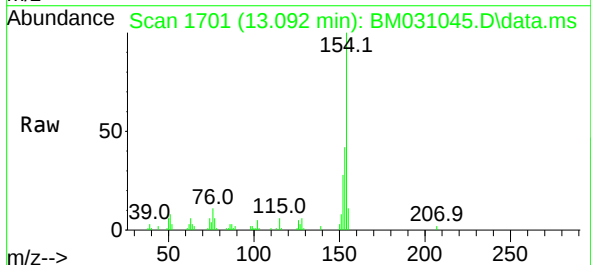
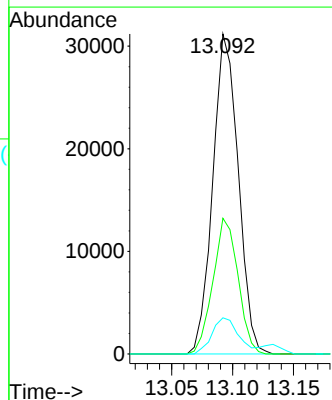


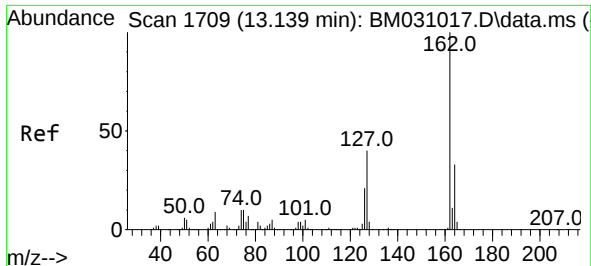
Tgt Ion:172 Resp: 660913
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 18.4 27.6



#46
1,1'-Biphenyl
Concen: 3.978 ng
RT: 13.092 min Scan# 1701
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:154 Resp: 45365
Ion Ratio Lower Upper
154 100
153 42.4 20.7 60.7
76 11.3 0.0 31.0

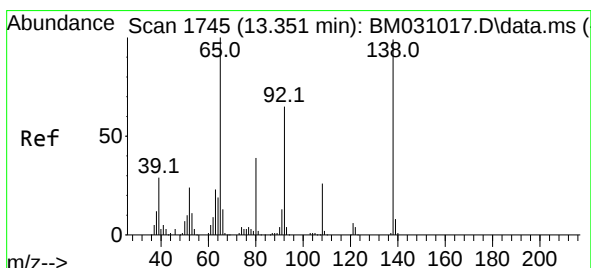
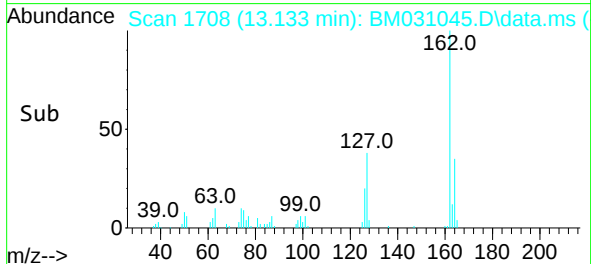
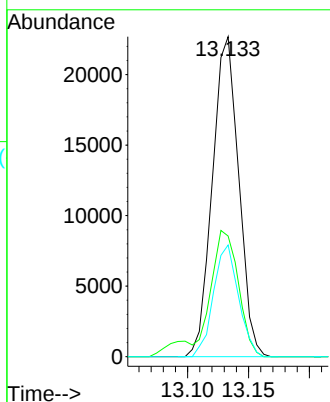
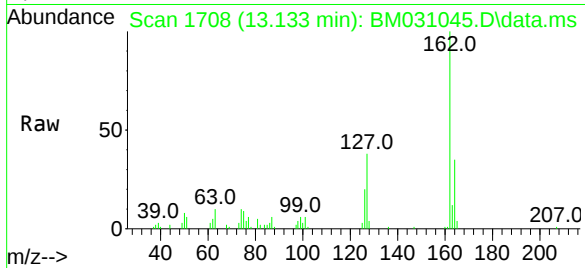




#47
2-Chloronaphthalene
Concen: 3.812 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

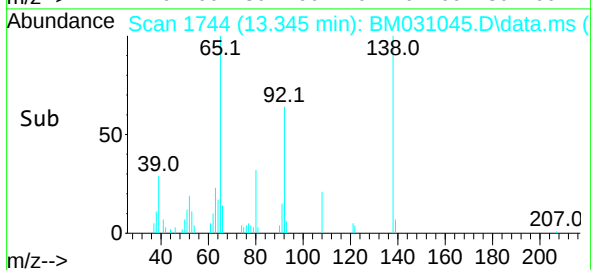
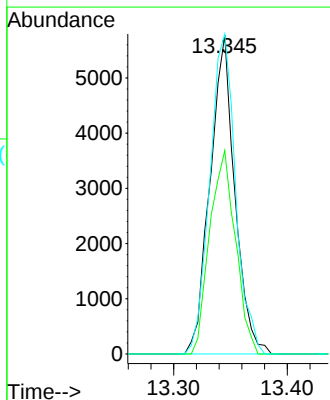
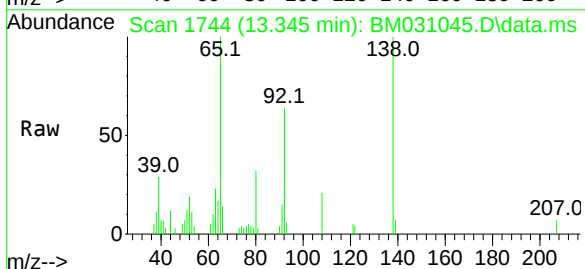
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

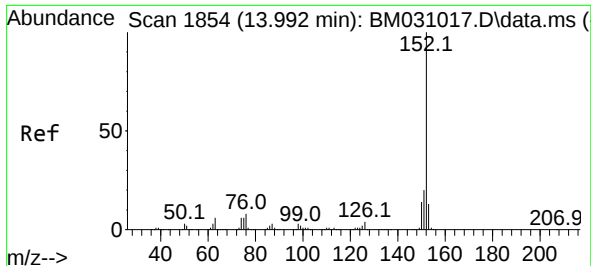
Tgt Ion:	162	Resp:	34050
Ion Ratio	Lower	Upper	
162	100		
127	37.7	27.1	40.7
164	34.9	26.1	39.1



#48
2-Nitroaniline
Concen: 3.070 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:	65	Resp:	8737
Ion Ratio	Lower	Upper	
65	100		
92	63.8	55.5	83.3
138	100.4	85.7	128.5

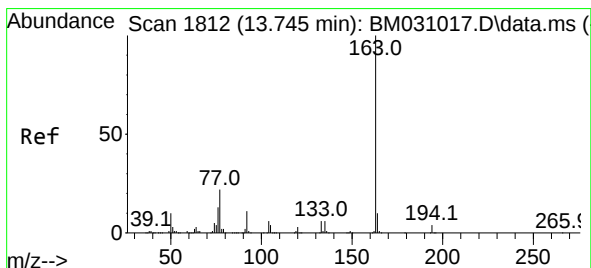
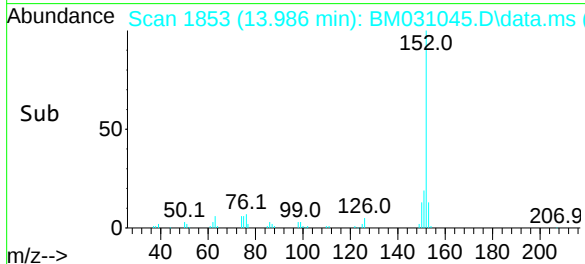
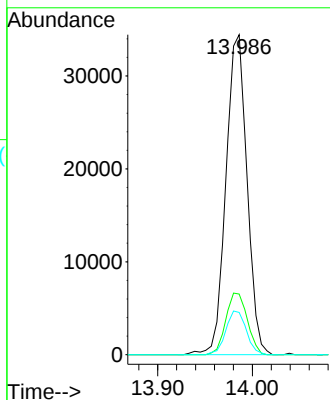
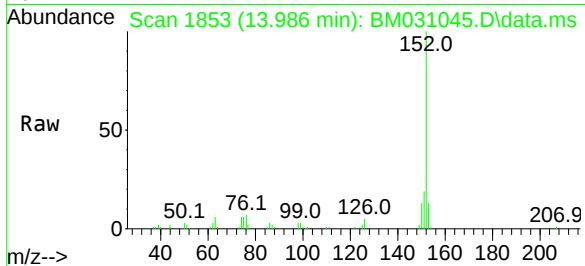




#49
Acenaphthylene
Concen: 3.722 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

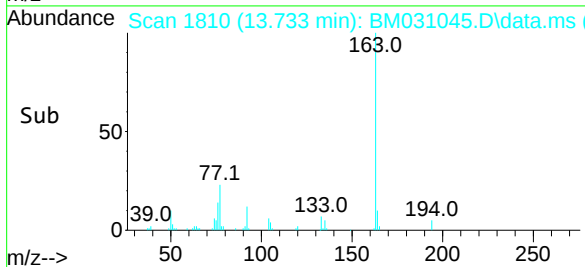
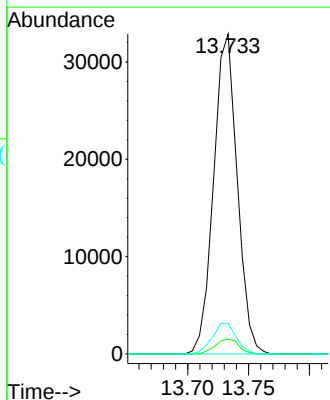
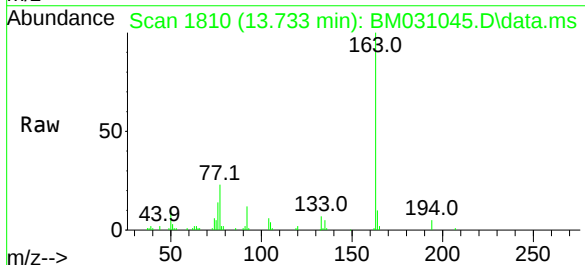
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

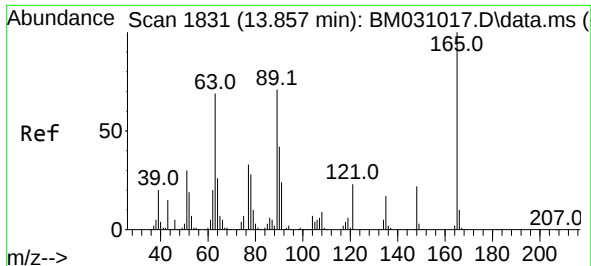
Tgt Ion:152 Resp: 53137
Ion Ratio Lower Upper
152 100
151 19.0 16.3 24.5
153 13.2 10.2 15.4



#50
Dimethylphthalate
Concen: 3.679 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:163 Resp: 44376
Ion Ratio Lower Upper
163 100
194 4.6 3.3 4.9
164 9.7 7.9 11.9

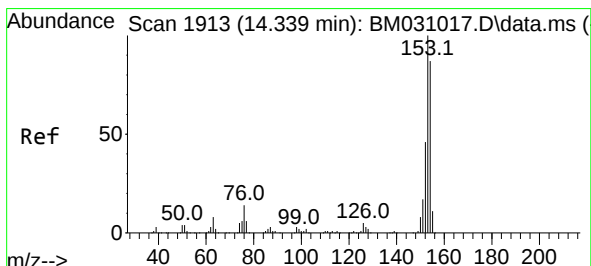
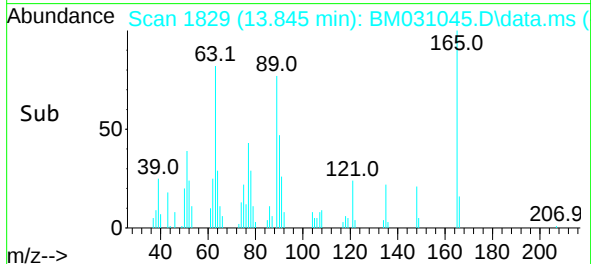
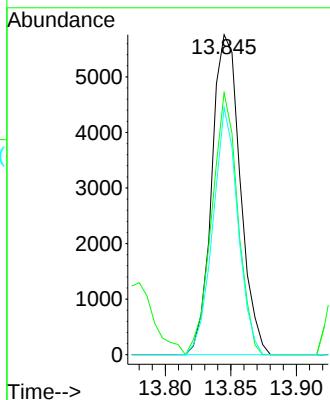
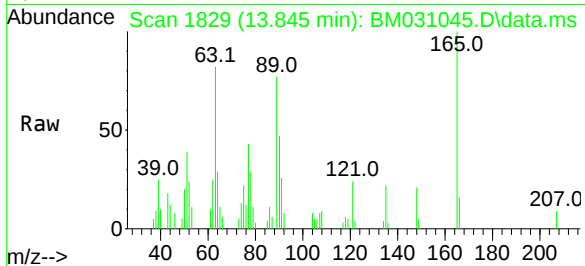




#51
2,6-Dinitrotoluene
Concen: 3.205 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

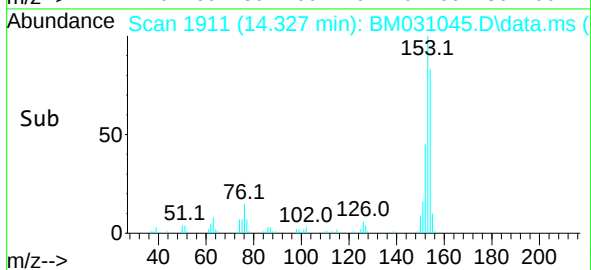
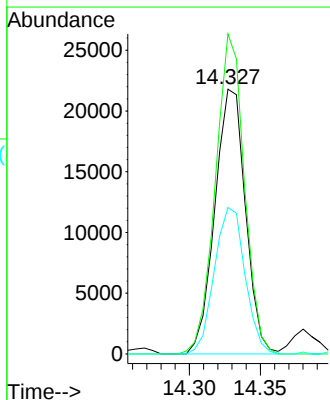
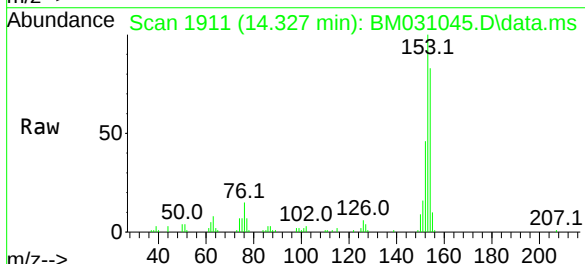
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

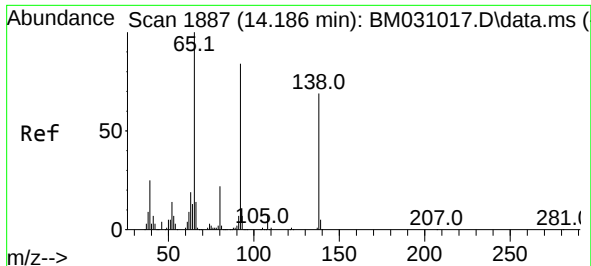
Tgt Ion:165	Resp:	8659
Ion Ratio	Lower	Upper
165	100	
63	81.8	45.3 67.9#
89	77.2	46.3 69.5#



#52
Acenaphthene
Concen: 3.638 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:154	Resp:	32679
Ion Ratio	Lower	Upper
154	100	
153	120.8	92.2 138.2
152	55.3	43.4 65.2

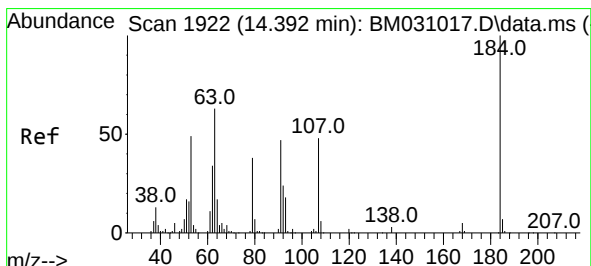
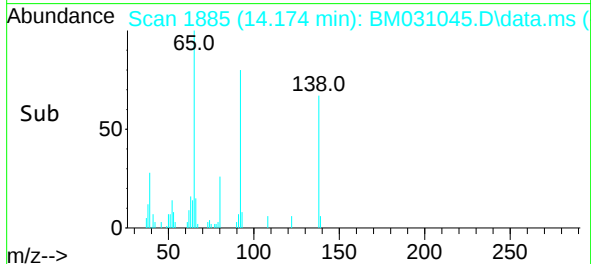
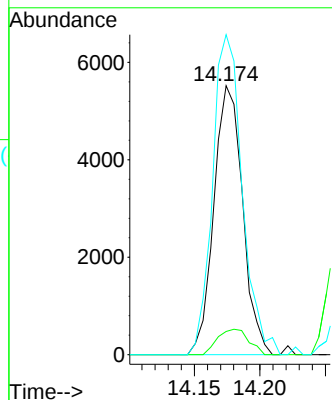
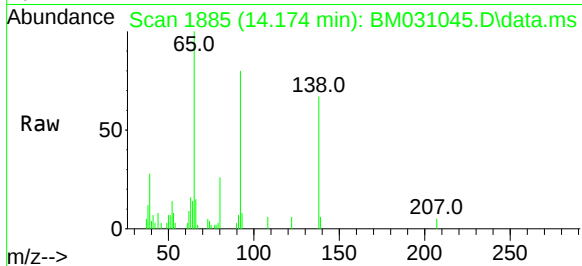




#53
3-Nitroaniline
Concen: 3.081 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

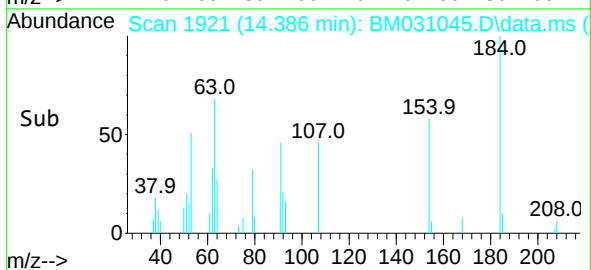
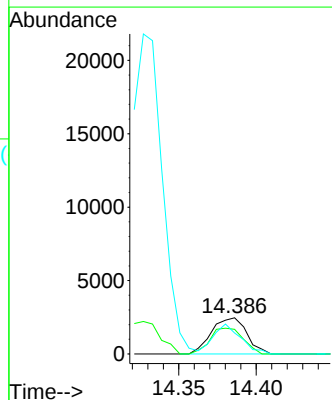
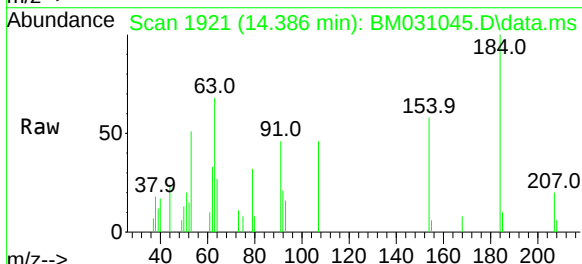
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

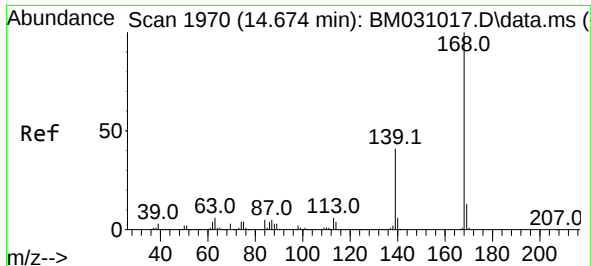
Tgt Ion:138 Resp: 8410
Ion Ratio Lower Upper
138 100
108 8.7 7.7 11.5
92 119.0 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 2.436 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:184 Resp: 3882
Ion Ratio Lower Upper
184 100
63 68.4 54.2 81.2
154 58.2 56.1 84.1

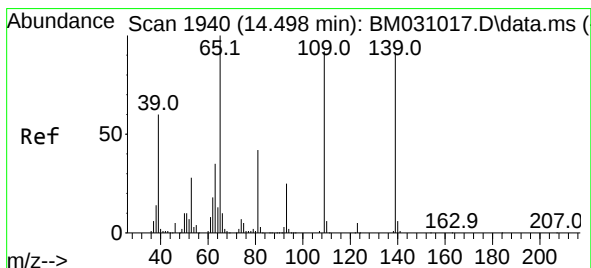
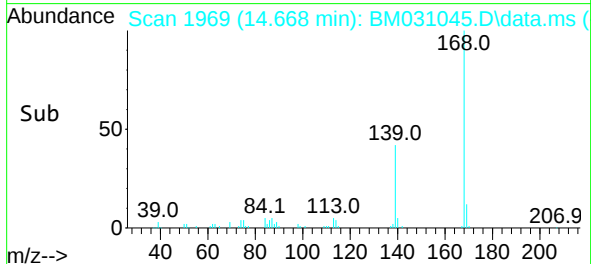
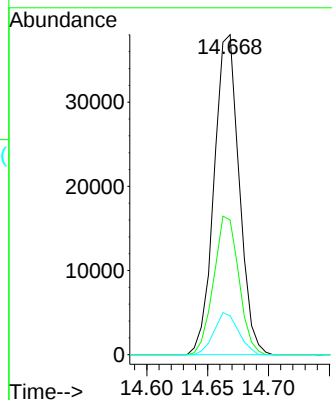
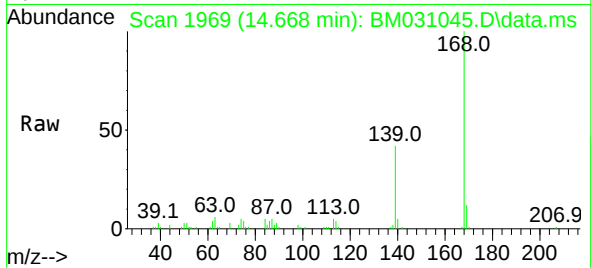




#55
Dibenzenofuran
Concen: 3.693 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

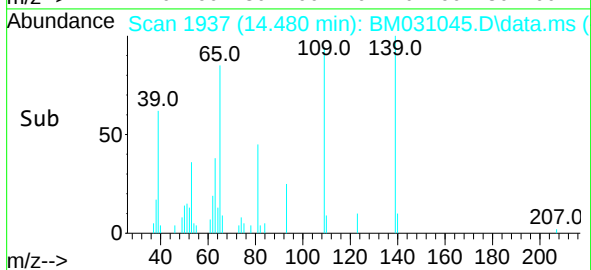
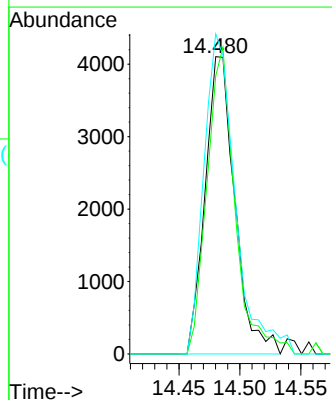
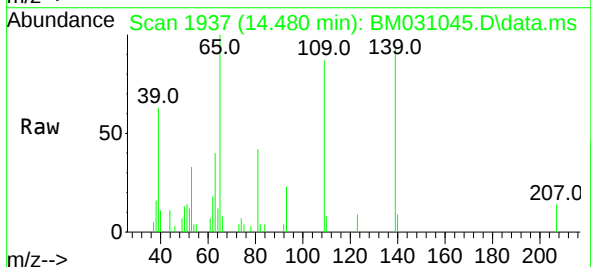
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

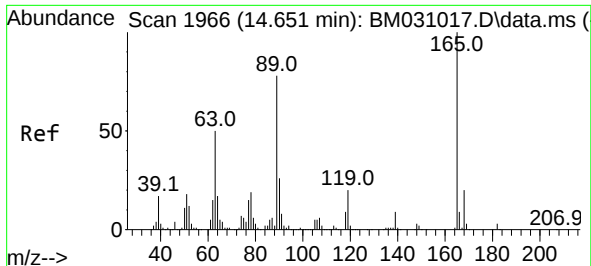
Tgt Ion:168 Resp: 54415
Ion Ratio Lower Upper
168 100
139 42.1 29.4 44.0
169 12.2 10.8 16.2



#56
4-Nitrophenol
Concen: 2.889 ng
RT: 14.480 min Scan# 1937
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:139 Resp: 6973
Ion Ratio Lower Upper
139 100
109 93.5 64.5 104.5
65 107.7 78.9 118.9

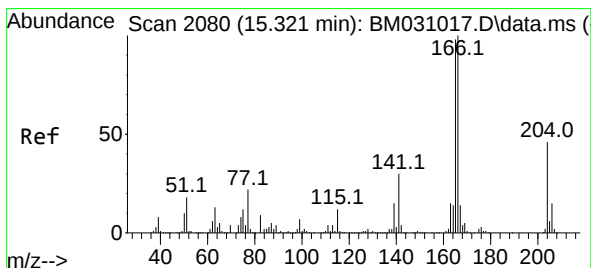
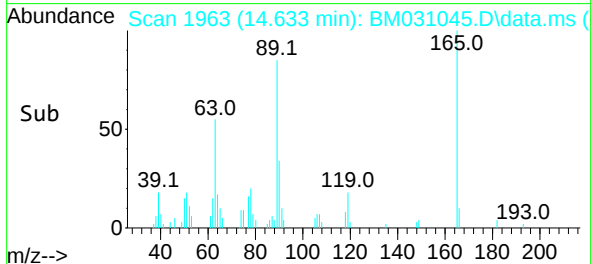
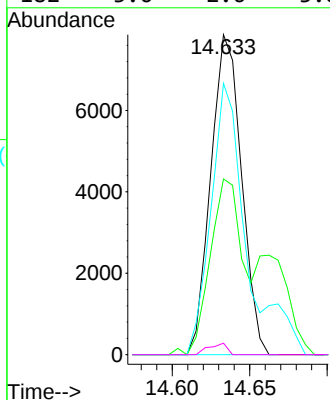
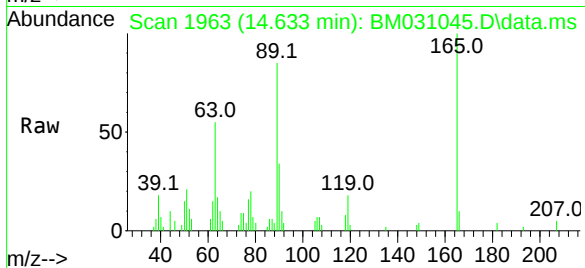




#57
2,4-Dinitrotoluene
Concen: 2.874 ng
RT: 14.633 min Scan# 1963
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

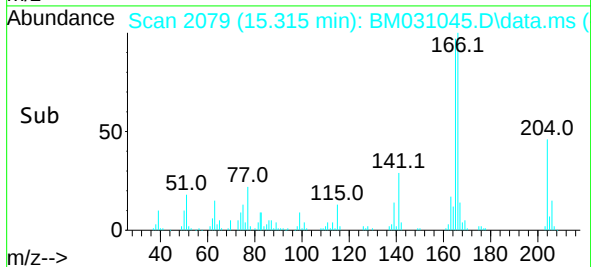
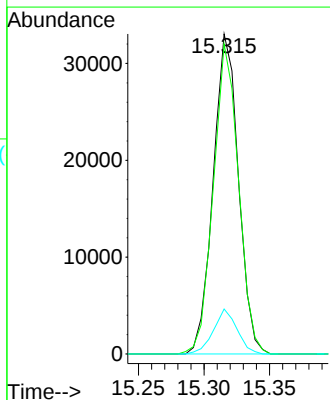
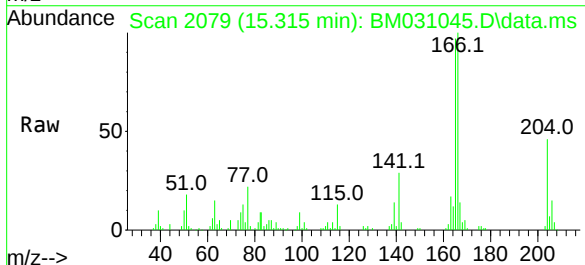
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

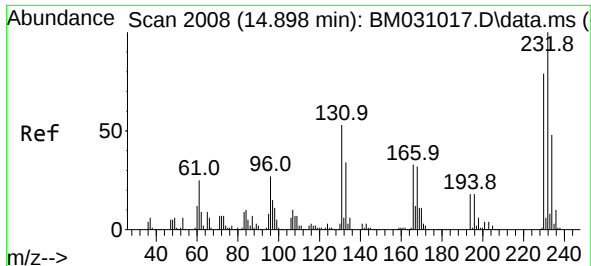
Tgt Ion:165	Resp:	10813
Ion Ratio	Lower	Upper
165	100	
63	54.9	35.0 52.4#
89	84.8	55.2 82.8#
182	3.6	2.6 3.8



#58
Fluorene
Concen: 3.553 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:166	Resp:	44160
Ion Ratio	Lower	Upper
166	100	
165	96.9	79.0 118.6
167	14.1	10.8 16.2

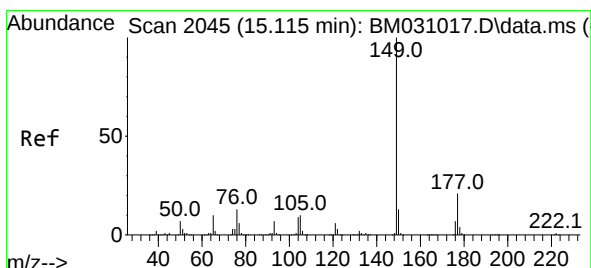
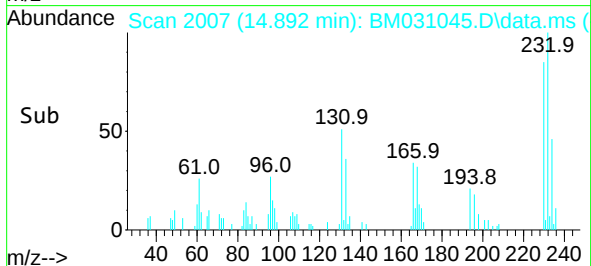
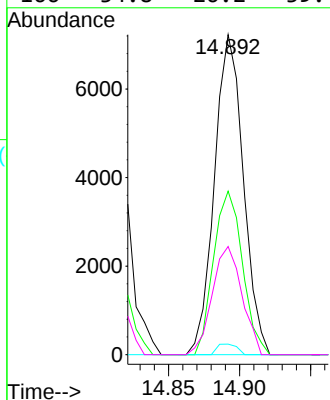
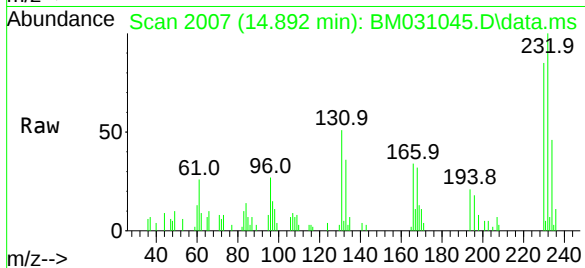




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.149 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

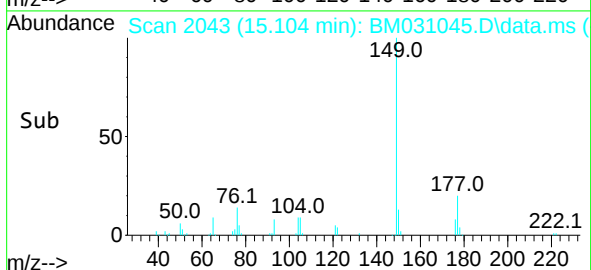
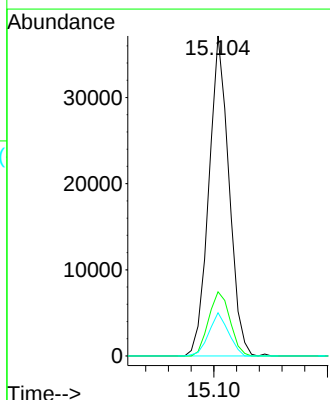
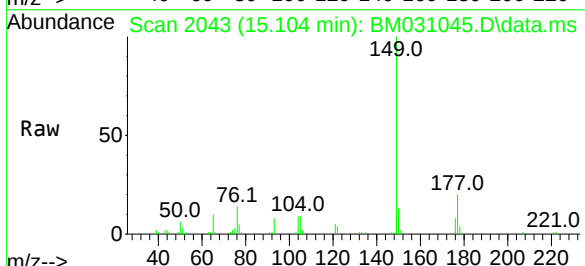
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

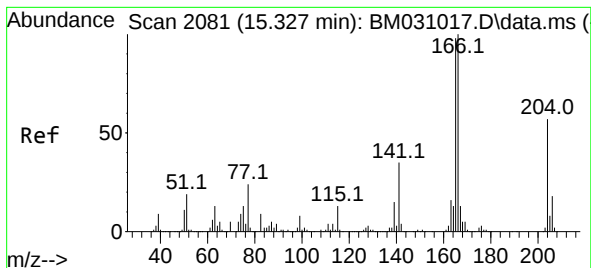
Tgt Ion:232	Resp:	10226
Ion Ratio	Lower	Upper
232	100	
131	51.1	34.4 51.6
130	2.3	2.2 3.2
166	34.8	26.2 39.4



#60
Diethylphthalate
Concen: 3.529 ng
RT: 15.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:149	Resp:	45639
Ion Ratio	Lower	Upper
149	100	
177	20.0	17.9 26.9
150	13.5	10.3 15.5

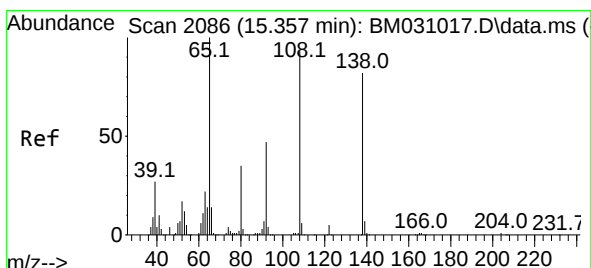
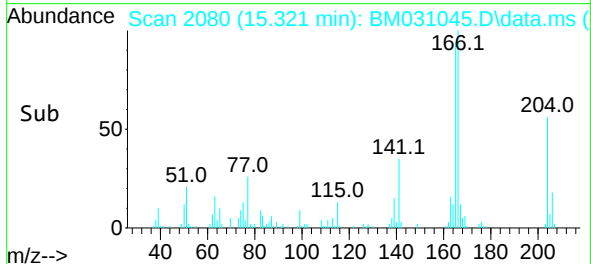
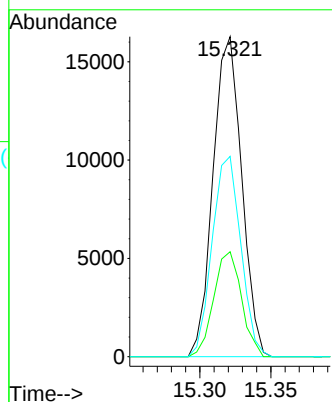
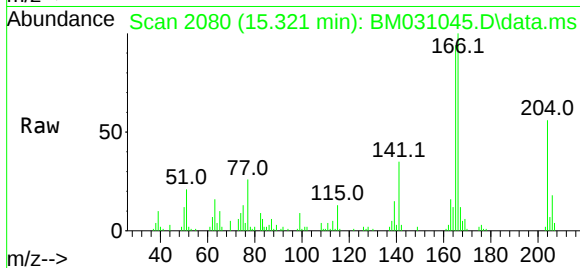




#61
4-Chlorophenyl-phenylether
Concen: 3.707 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

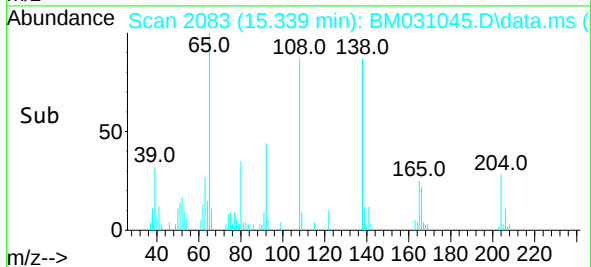
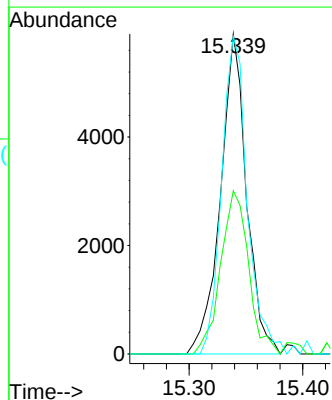
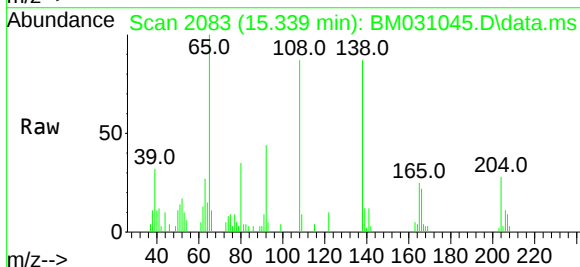
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

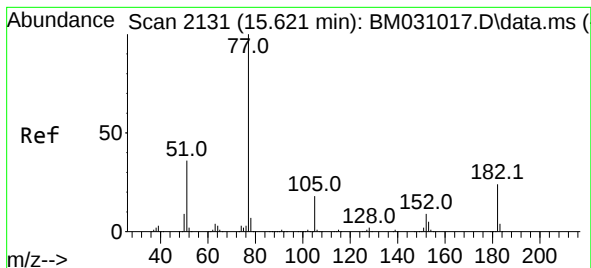
Tgt Ion:204 Resp: 22817
Ion Ratio Lower Upper
204 100
206 32.8 25.5 38.3
141 62.6 40.3 60.5#



#62
4-Nitroaniline
Concen: 3.133 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:138 Resp: 9433
Ion Ratio Lower Upper
138 100
92 51.0 33.4 73.4
108 99.3 75.5 115.5

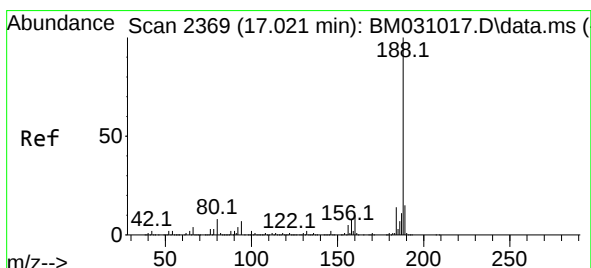
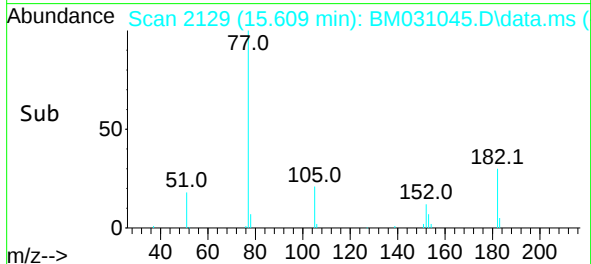
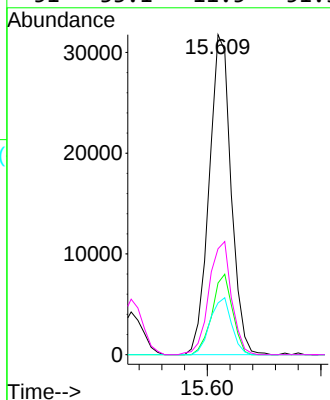
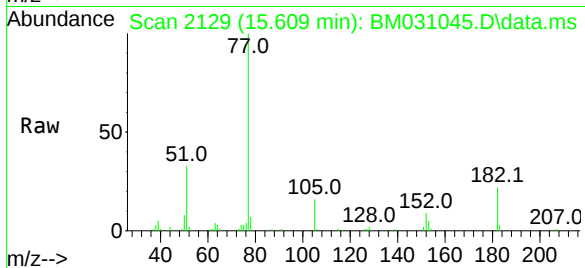




#63
Azobenzene
Concen: 3.311 ng
RT: 15.609 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

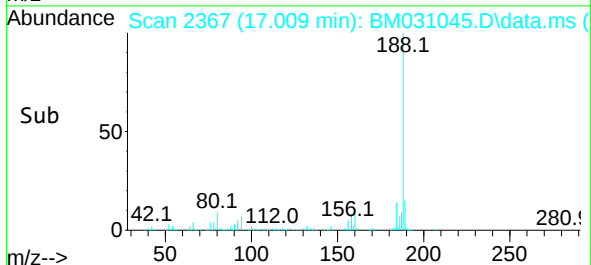
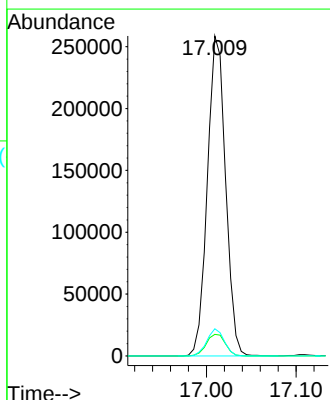
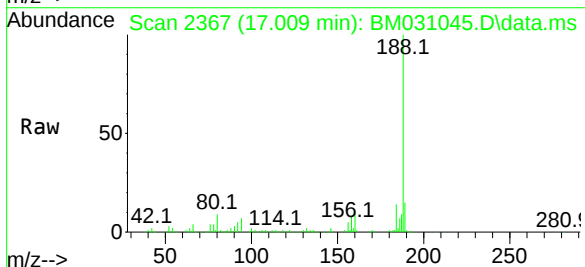
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

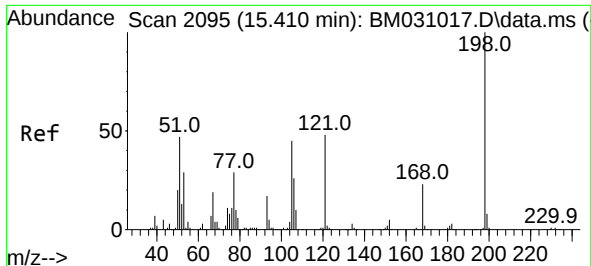
Tgt Ion: 77	Resp: 42616
Ion Ratio	Lower Upper
77 100	
182 22.4	6.8 46.8
105 16.1	0.0 36.6
51 33.1	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.009 min Scan# 2367
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion: 188	Resp: 364397
Ion Ratio	Lower Upper
188 100	
94 6.8	6.0 9.0
80 8.5	6.6 9.8

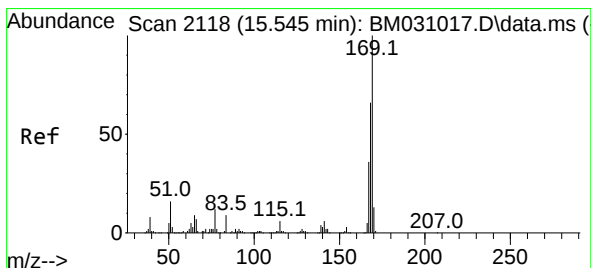
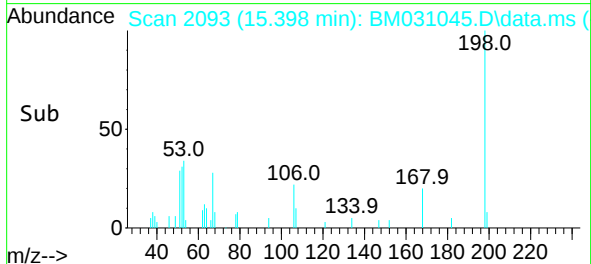
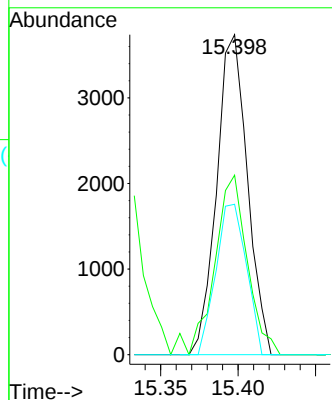
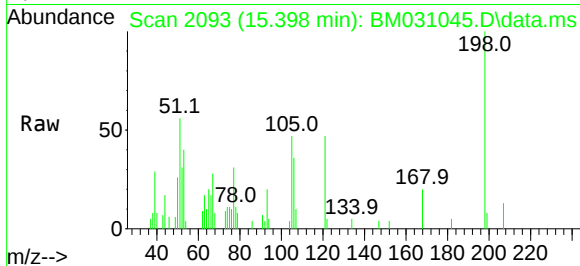




#65
4,6-Dinitro-2-methylphenol
Concen: 2.252 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

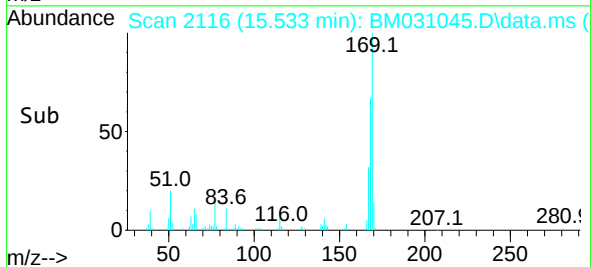
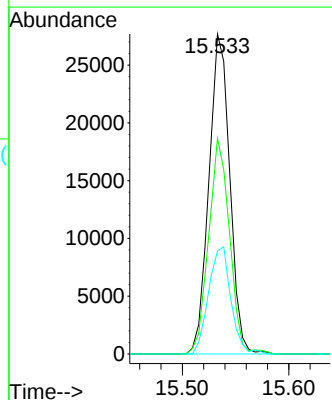
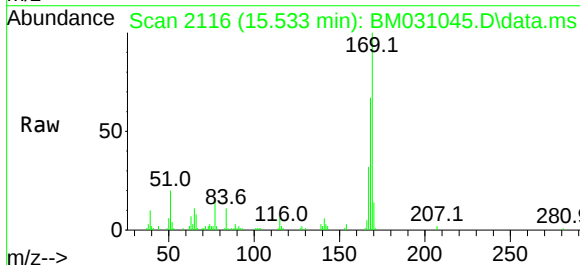
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

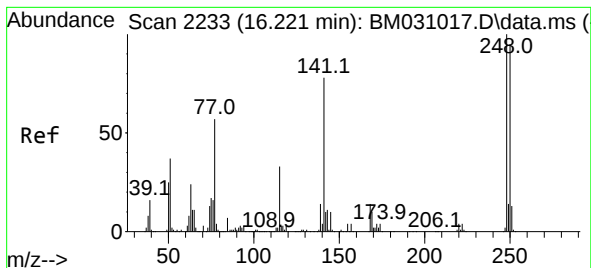
Tgt Ion:198 Resp: 5148
Ion Ratio Lower Upper
198 100
51 56.1 18.9 58.9
105 47.0 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 3.525 ng
RT: 15.533 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:169 Resp: 37757
Ion Ratio Lower Upper
169 100
168 67.4 54.2 81.2
167 32.2 29.0 43.6

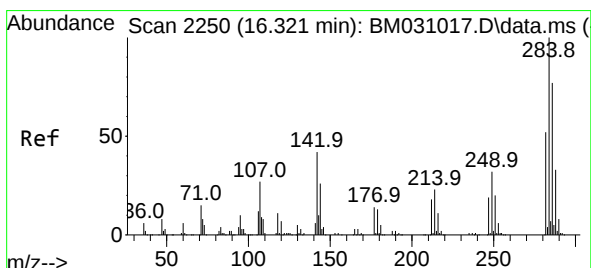
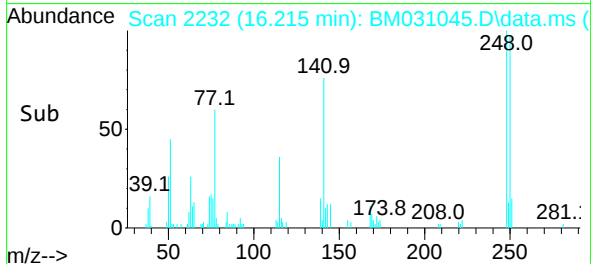
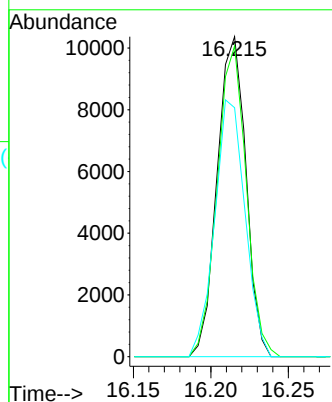
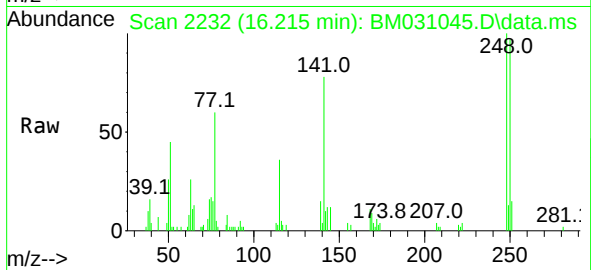




#67
4-Bromophenyl-phenylether
Concen: 3.541 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

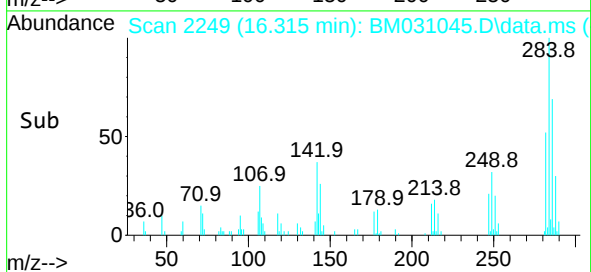
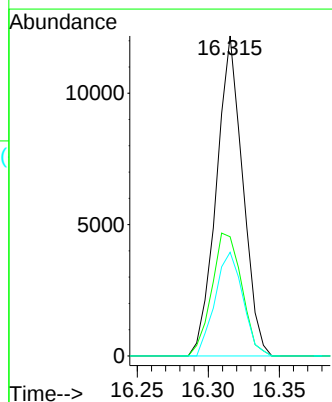
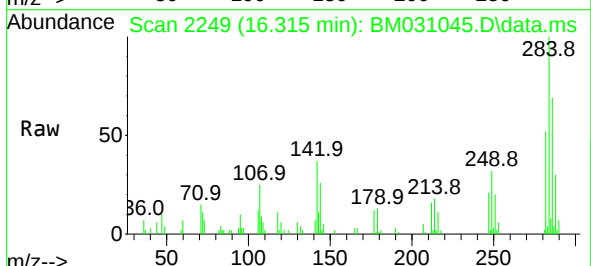
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

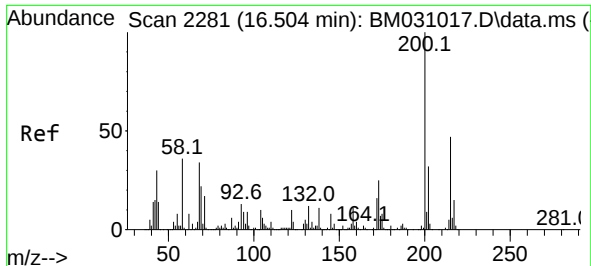
Tgt Ion:248	Resp:	13352
Ion Ratio	Lower	Upper
248	100	
250	97.1	77.9 116.9
141	77.8	56.2 84.2



#68
Hexachlorobenzene
Concen: 3.703 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:284	Resp:	15731
Ion Ratio	Lower	Upper
284	100	
142	37.2	29.0 43.4
249	32.4	26.0 39.0

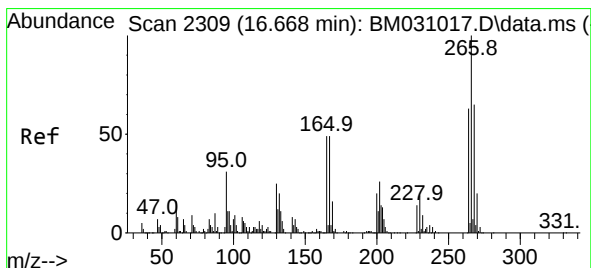
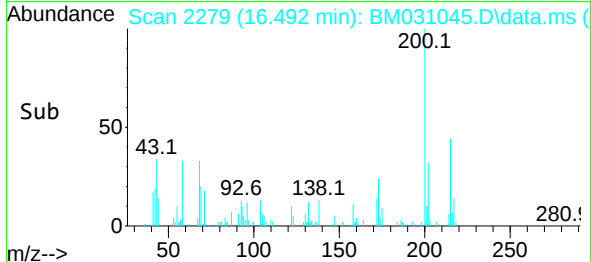
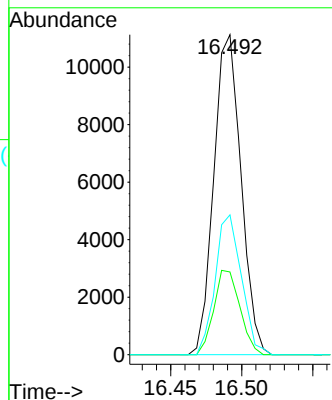
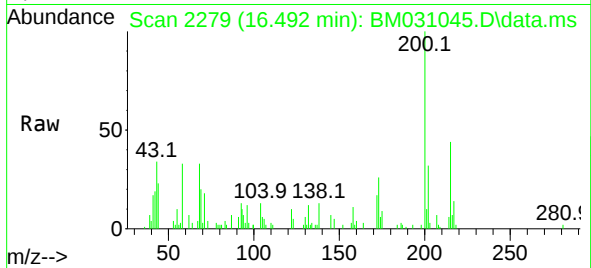




#69
Atrazine
Concen: 3.772 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

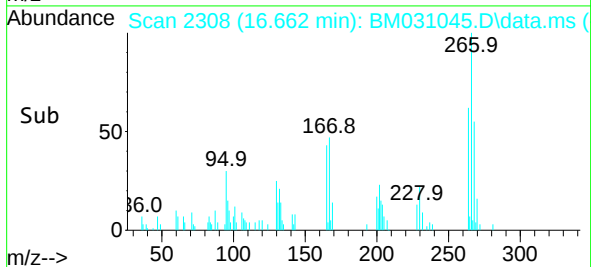
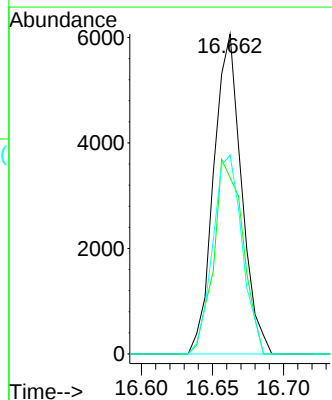
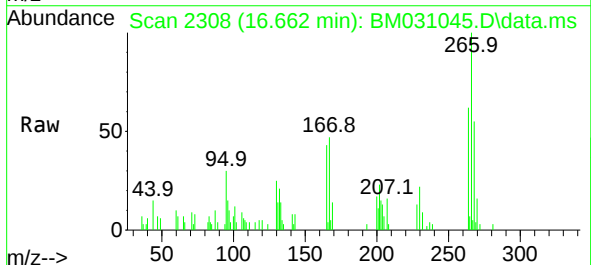
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

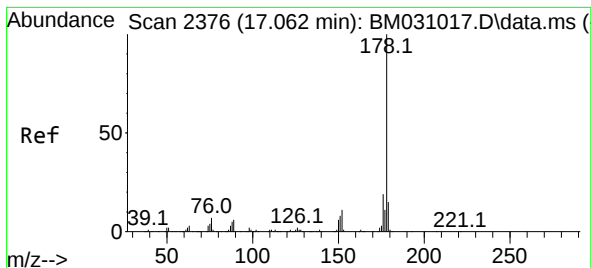
Tgt Ion:200 Resp: 14832
Ion Ratio Lower Upper
200 100
173 25.9 3.8 43.8
215 43.7 24.8 64.8



#70
Pentachlorophenol
Concen: 2.963 ng
RT: 16.662 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:266 Resp: 8230
Ion Ratio Lower Upper
266 100
268 55.1 52.8 79.2
264 69.5 51.9 77.9

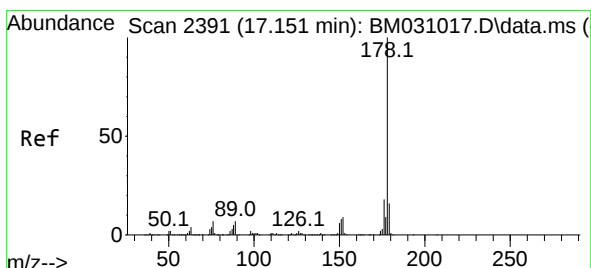
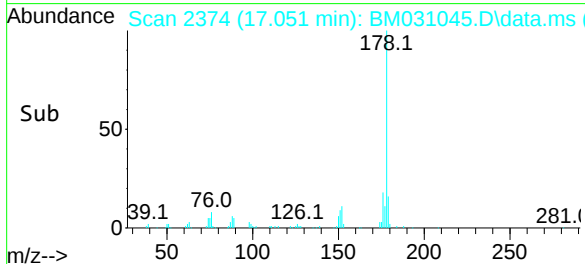
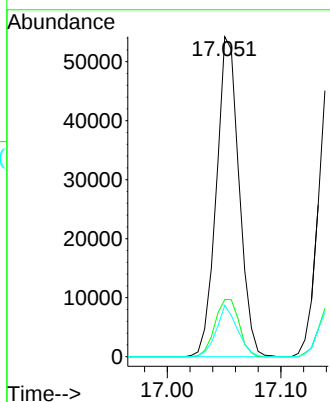
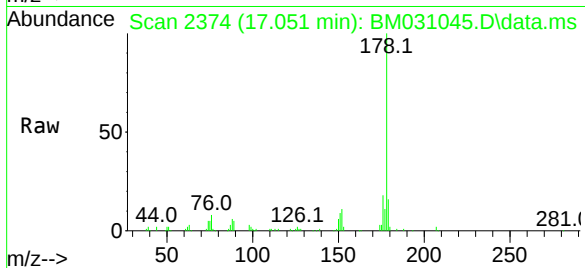




#71
Phenanthrene
Concen: 3.730 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

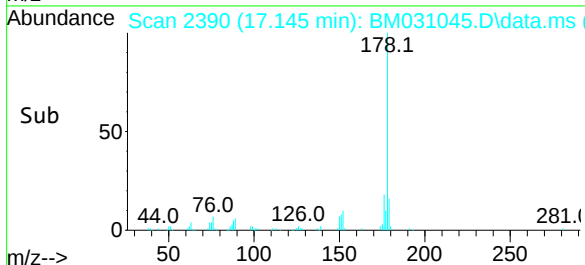
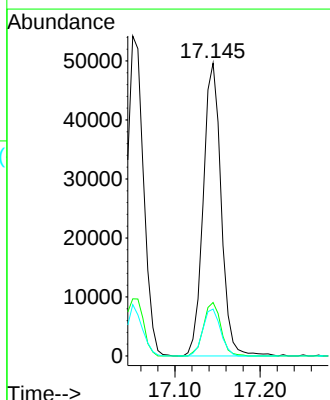
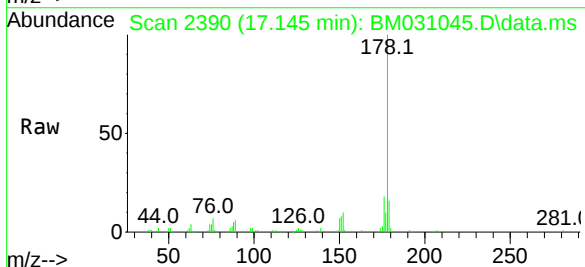
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

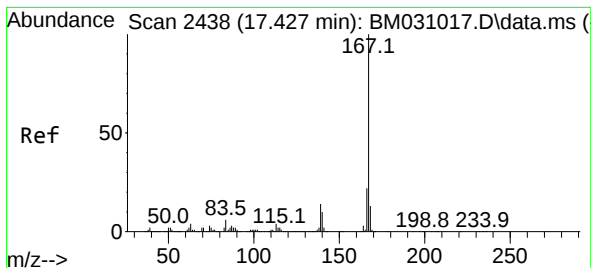
Tgt Ion:178 Resp: 75257
Ion Ratio Lower Upper
178 100
176 17.9 15.4 23.0
179 16.1 12.2 18.4



#72
Anthracene
Concen: 3.640 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:178 Resp: 72424
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 16.0 12.5 18.7





#73

Carbazole

Concen: 3.508 ng

RT: 17.415 min Scan# 2436

Delta R.T. -0.012 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

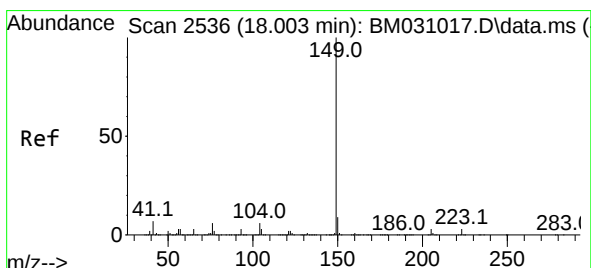
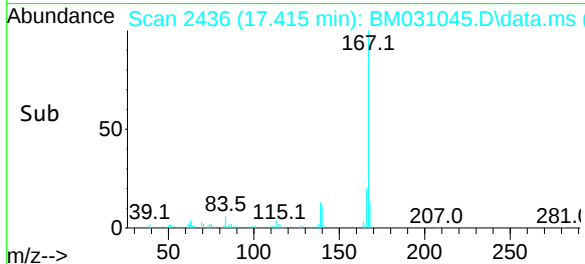
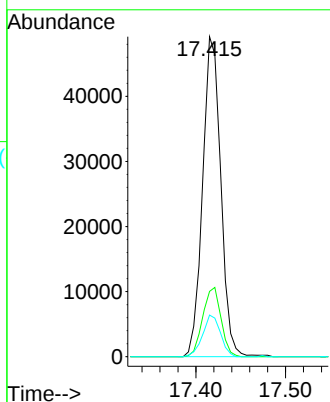
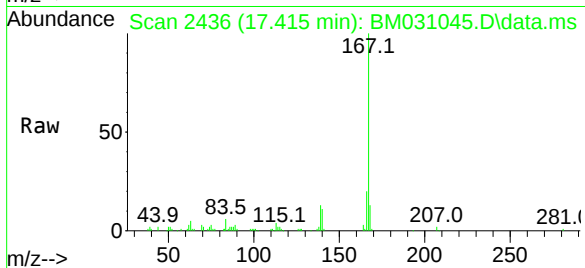
Tgt Ion:167 Resp: 69101

Ion Ratio Lower Upper

167 100

166 20.4 17.4 26.0

139 13.0 9.8 14.6



#74

Di-n-butylphthalate

Concen: 3.249 ng

RT: 17.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

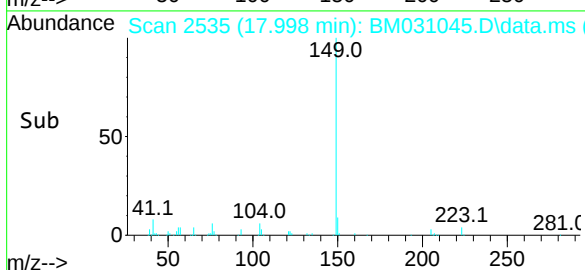
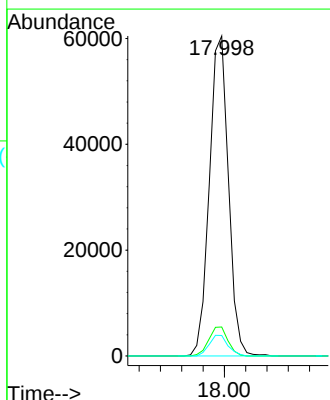
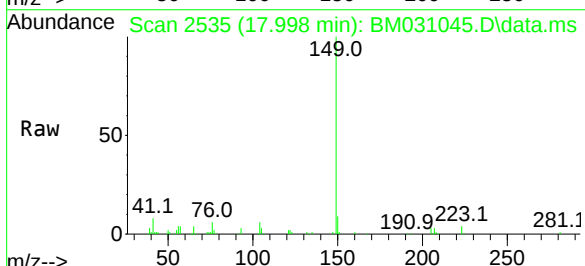
Tgt Ion:149 Resp: 75177

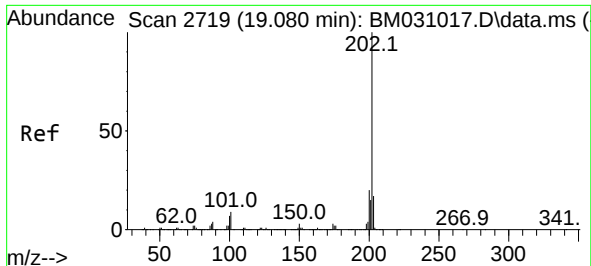
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.4 4.3 6.5

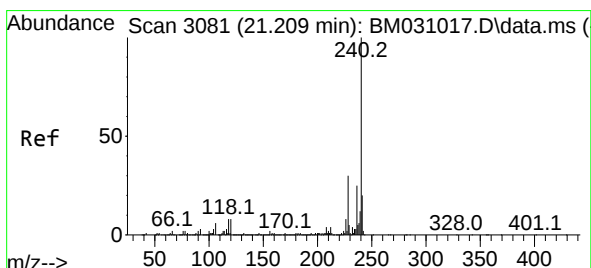
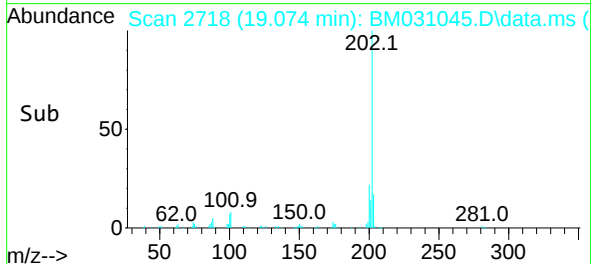
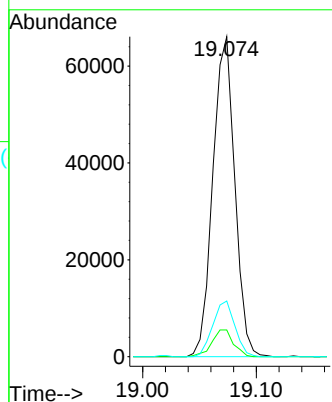
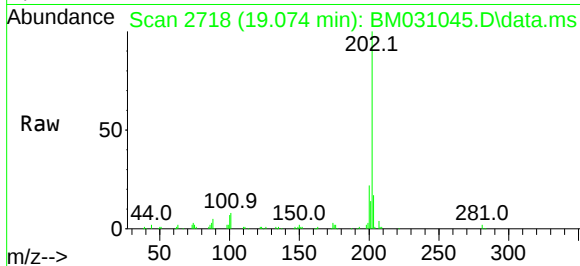




#75
Fluoranthene
Concen: 3.510 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

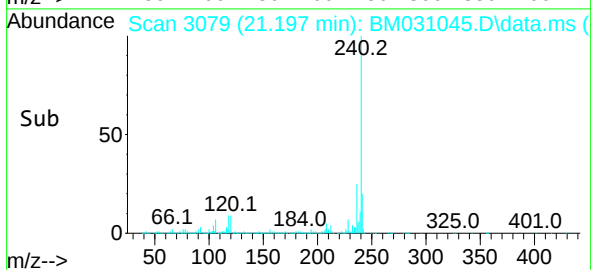
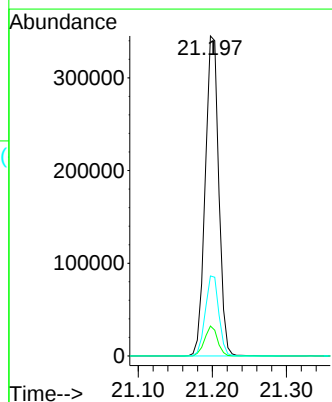
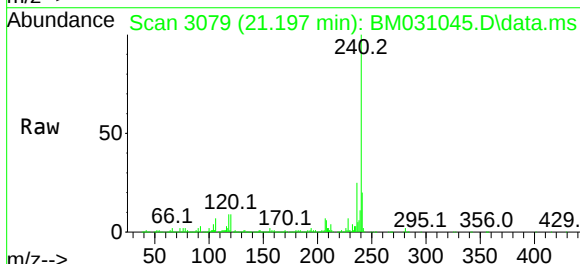
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

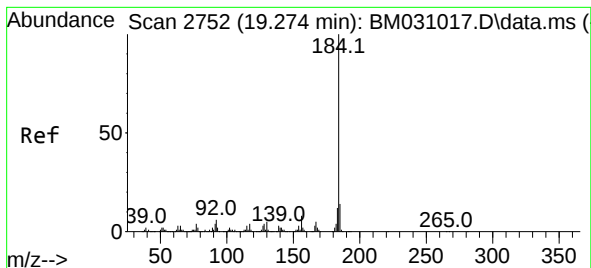
Tgt Ion:202 Resp: 88625
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.6
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.197 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:240 Resp: 437727
Ion Ratio Lower Upper
240 100
120 9.3 7.0 10.6
236 25.0 21.0 31.4





#77

Benzidine

Concen: 4.144 ng

RT: 19.268 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

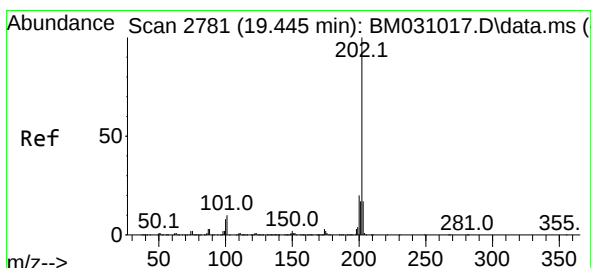
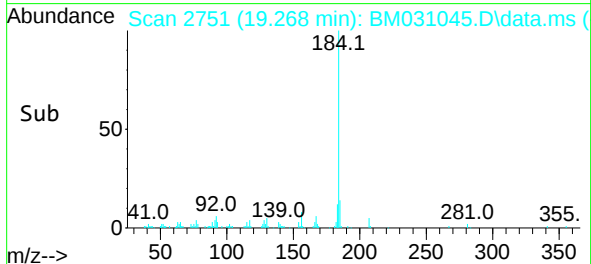
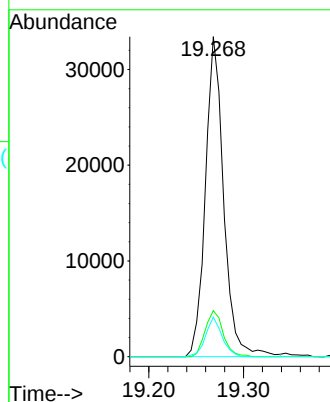
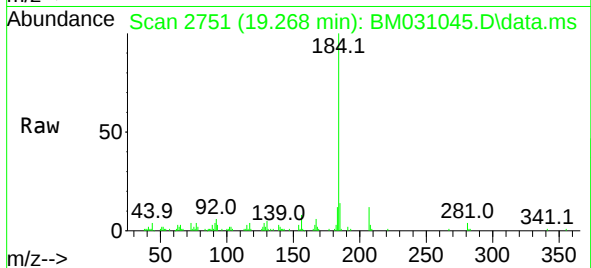
Tgt Ion:	184	Resp:	44784
Ion Ratio	Lower	Upper	
184	100		
185	14.4	10.9	16.3
183	12.4	9.8	14.8

Instrument :

BNA_M

ClientSampleId :

MDL-SOIL-03-QT3-2021



#78

Pyrene

Concen: 3.476 ng

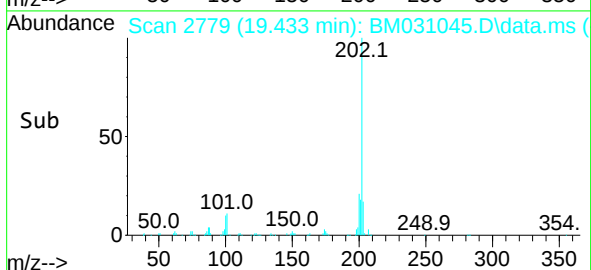
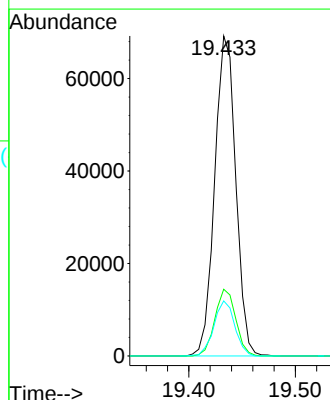
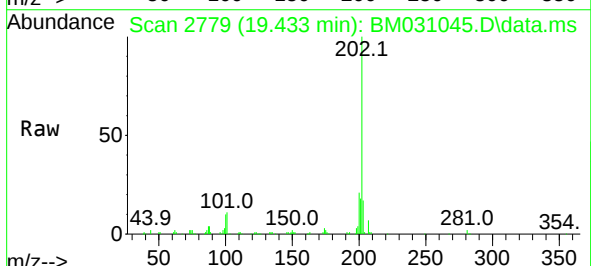
RT: 19.433 min Scan# 2779

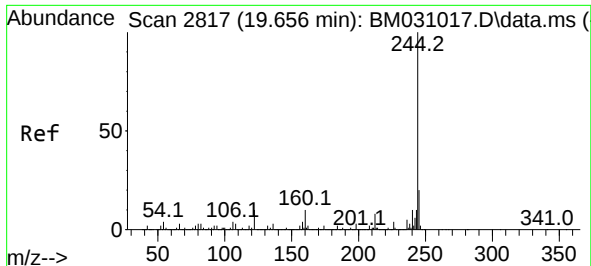
Delta R.T. -0.012 min

Lab File: BM031045.D

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Tgt Ion:	202	Resp:	95019
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.3	25.9
203	17.2	13.9	20.9

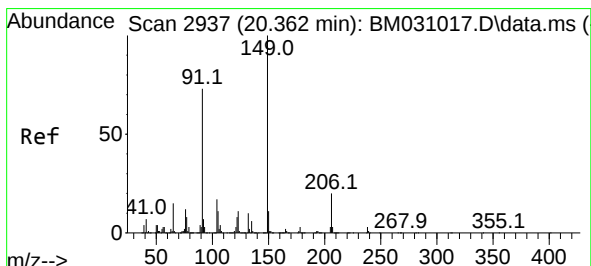
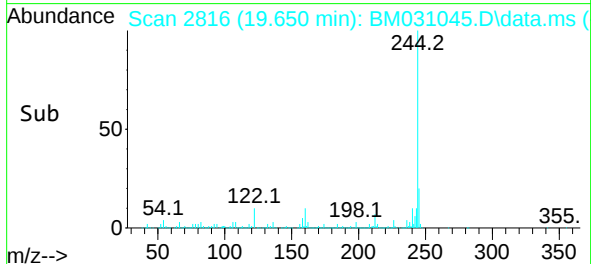
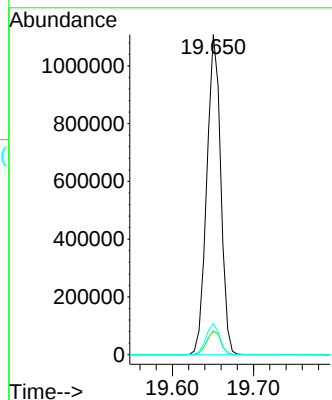
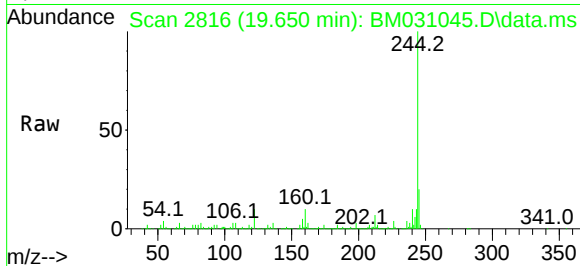




#79
 Terphenyl-d14
 Concen: 59.480 ng
 RT: 19.650 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

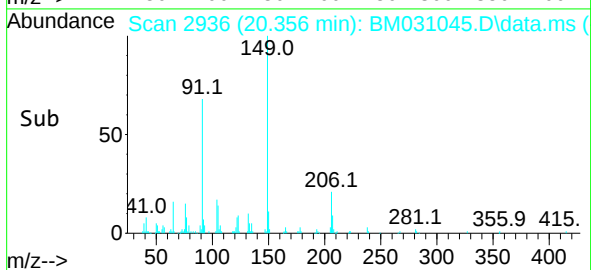
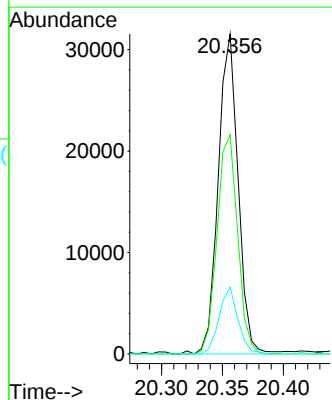
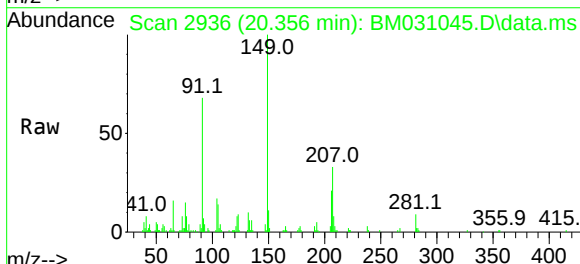
Instrument :
 BNA_M
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

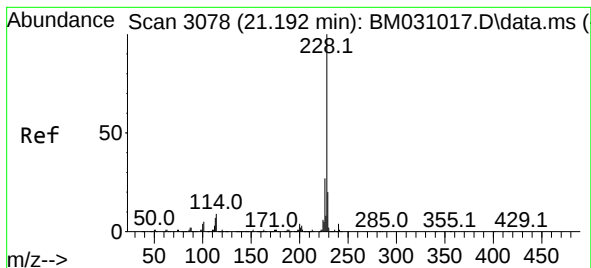
Tgt Ion:244 Resp: 1315926
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 9.8 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 3.075 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031045.D
 Acq: 21 Jul 2021 16:14

Tgt Ion:149 Resp: 35886
 Ion Ratio Lower Upper
 149 100
 91 68.4 57.4 86.0
 206 20.9 16.6 25.0

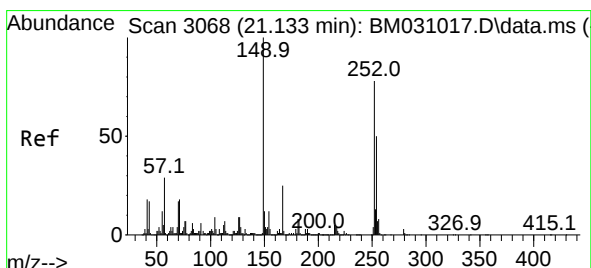
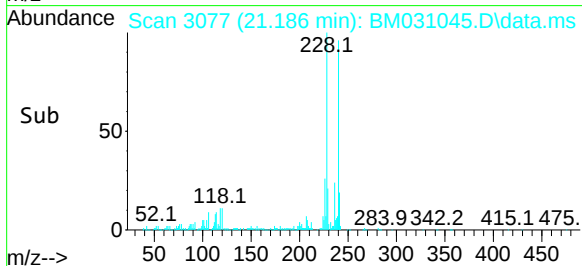
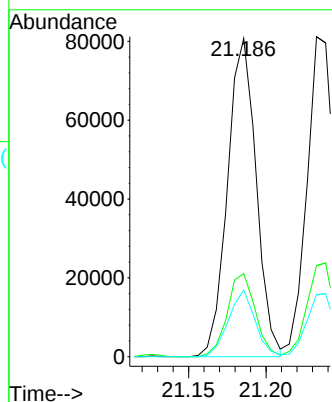
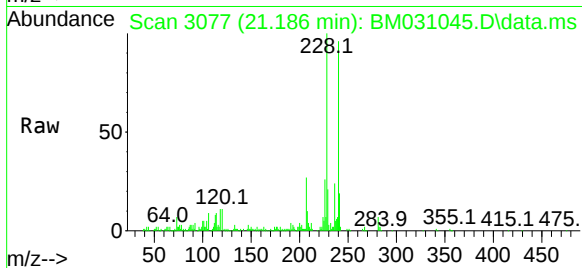




#81
Benzo(a)anthracene
Concen: 3.574 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

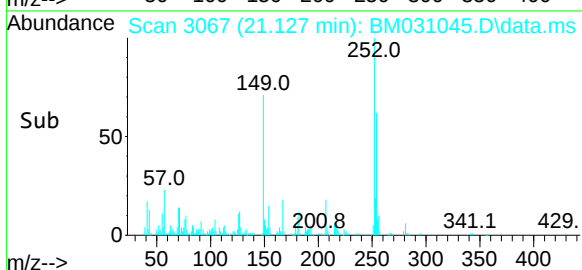
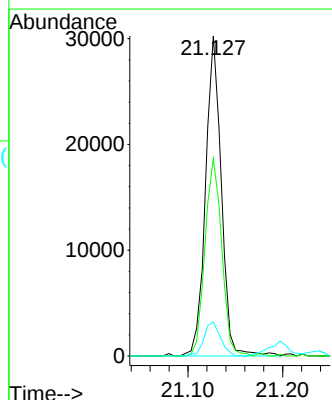
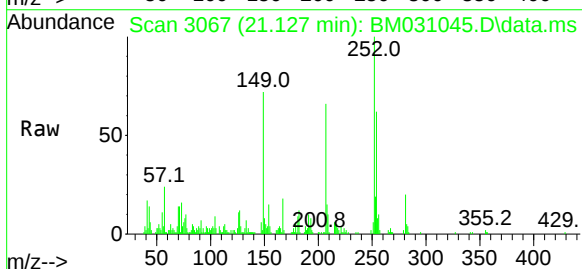
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

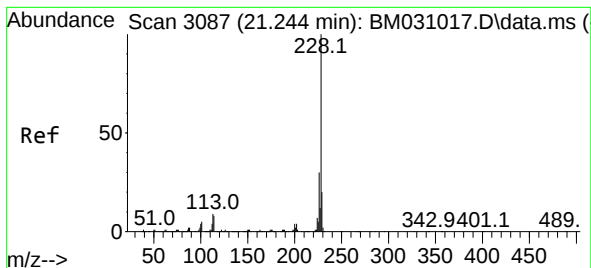
Tgt Ion:228 Resp: 103678
Ion Ratio Lower Upper
228 100
226 26.1 22.3 33.5
229 20.9 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 4.407 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:252 Resp: 35044
Ion Ratio Lower Upper
252 100
254 61.7 51.5 77.3
126 10.6 8.6 13.0





#83

Chrysene

Concen: 3.602 ng

RT: 21.233 min Scan# 3085

Delta R.T. -0.012 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

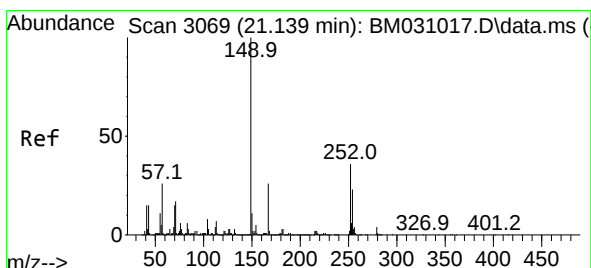
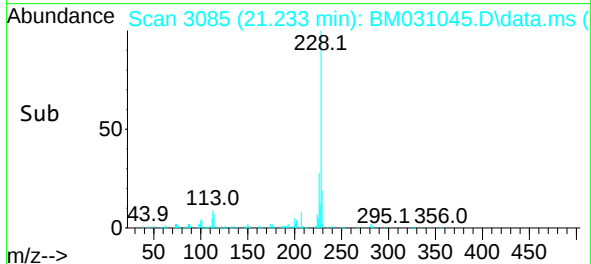
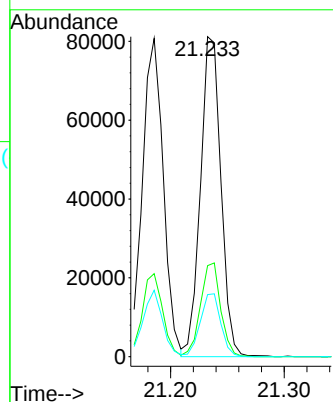
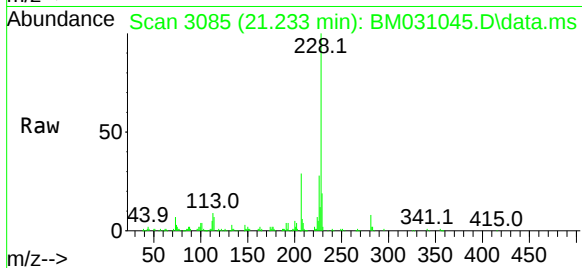
Tgt Ion:228 Resp: 101519

Ion Ratio Lower Upper

228 100

226 28.4 24.6 36.8

229 19.4 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.107 ng

RT: 21.139 min Scan# 3069

Delta R.T. -0.000 min

Lab File: BM031045.D

Acq: 21 Jul 2021 16:14

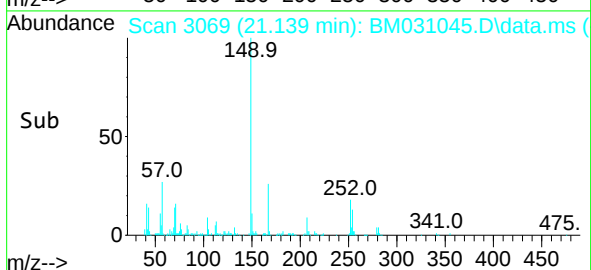
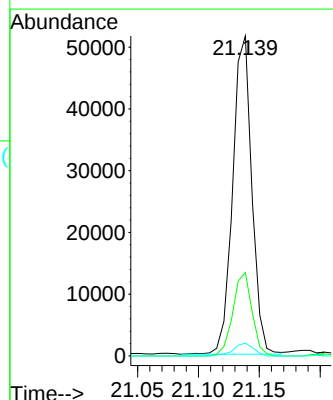
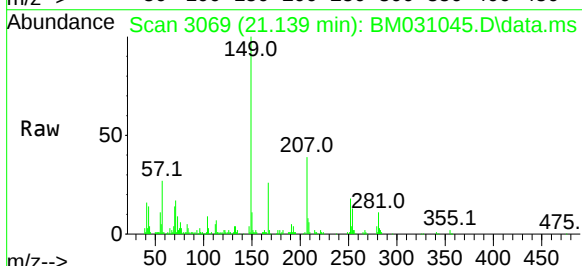
Tgt Ion:149 Resp: 56175

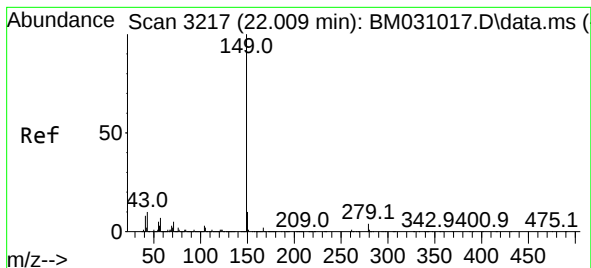
Ion Ratio Lower Upper

149 100

167 26.1 22.6 33.8

279 4.0 3.8 5.8

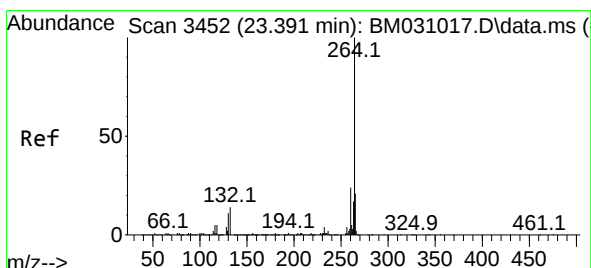
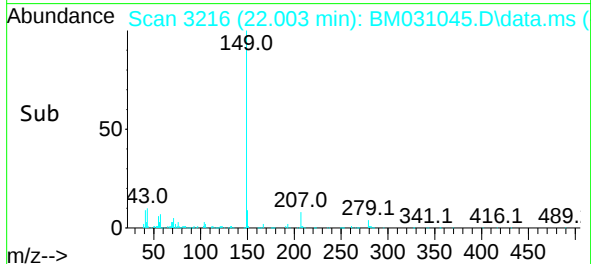
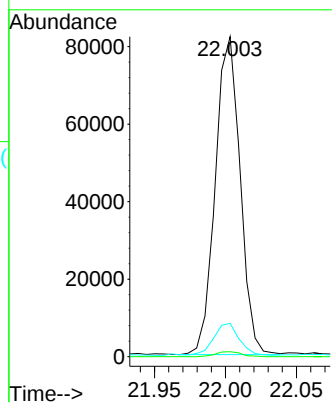
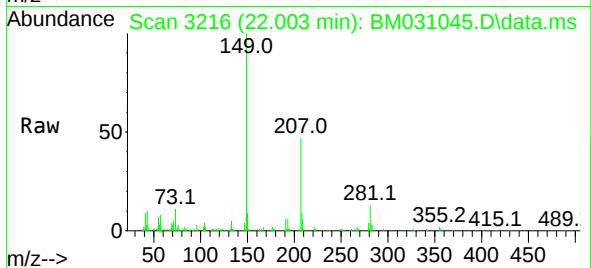




#85
Di-n-octyl phthalate
Concen: 3.221 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

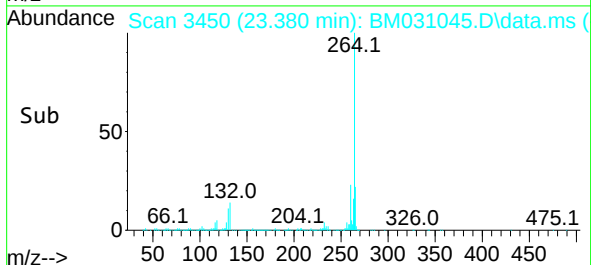
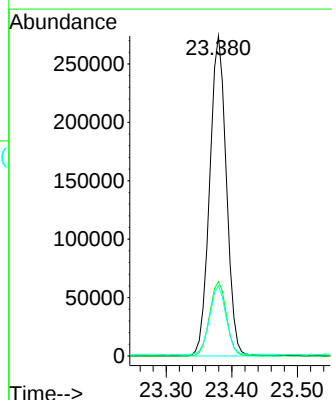
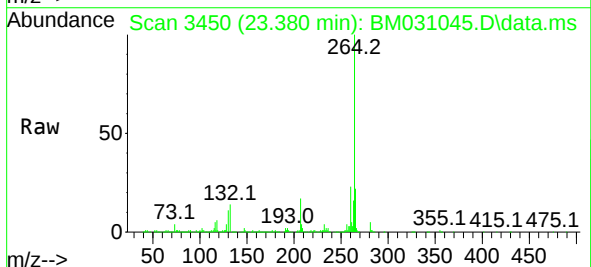
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

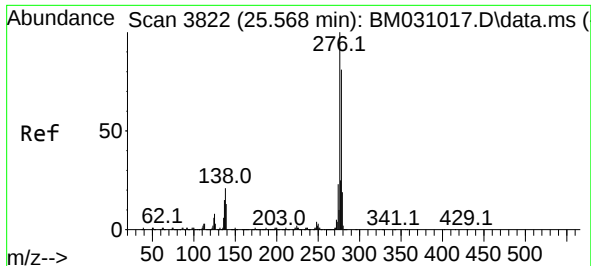
Tgt Ion:149 Resp: 99728
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.2 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:264 Resp: 484179
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.8
265 21.9 17.7 26.5

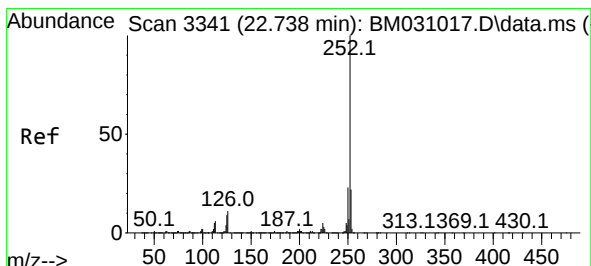
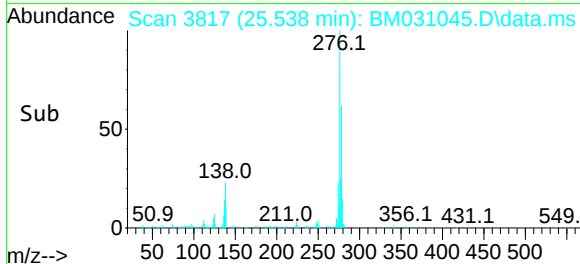
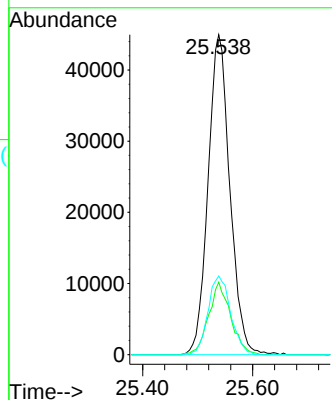
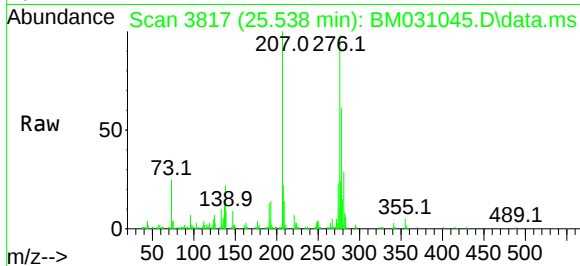




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.579 ng
RT: 25.538 min Scan# 3817
Delta R.T. -0.029 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

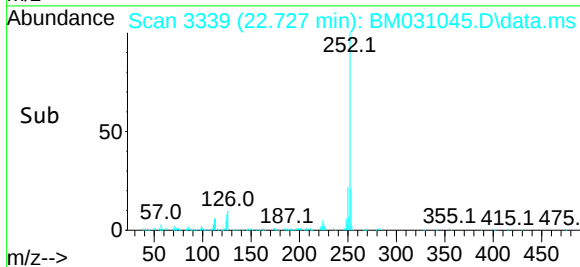
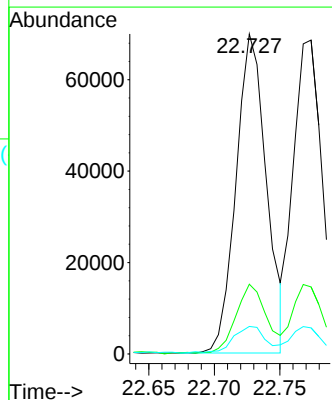
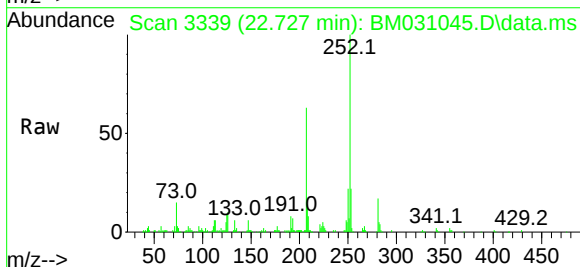
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

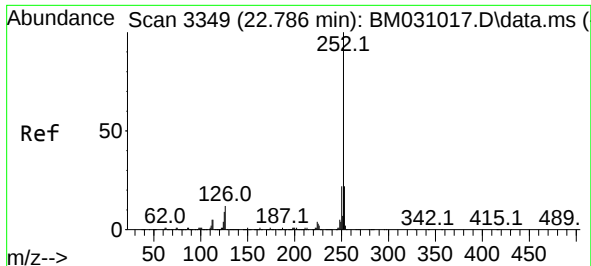
Tgt Ion:276 Resp: 123833
Ion Ratio Lower Upper
276 100
138 22.9 17.1 25.7
277 25.6 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 3.503 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:252 Resp: 112380
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.6 6.8 10.2

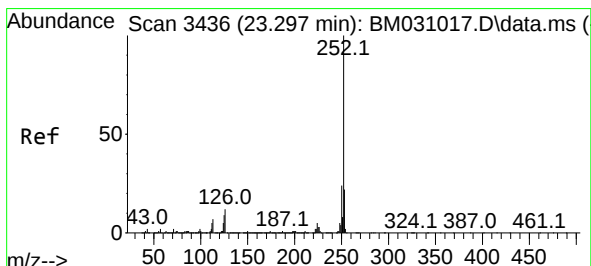
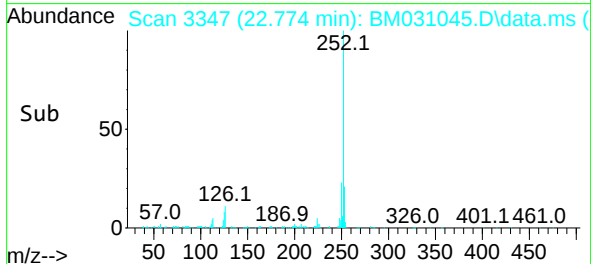
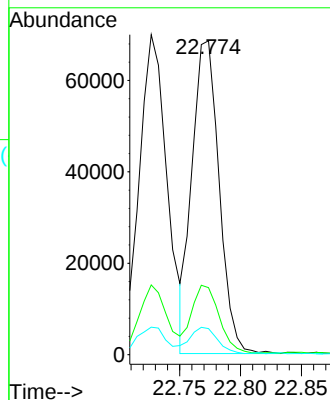
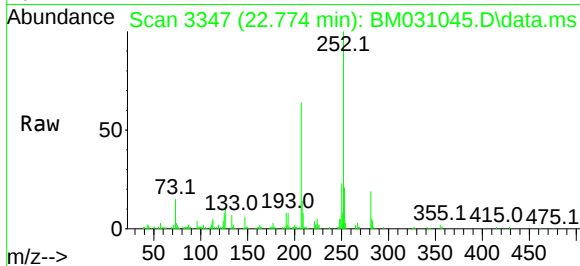




#89
Benzo(k)fluoranthene
Concen: 3.530 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

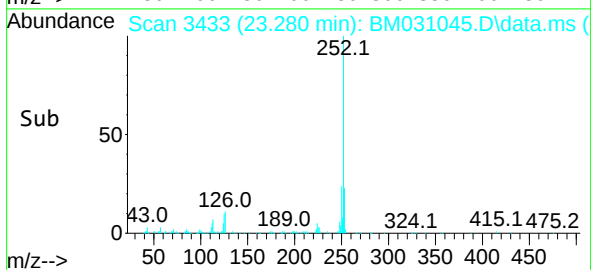
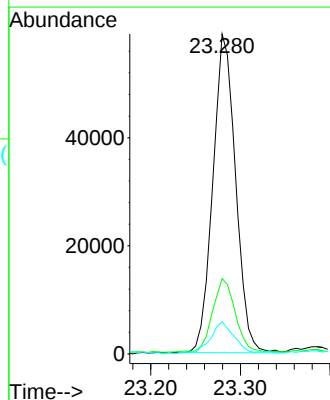
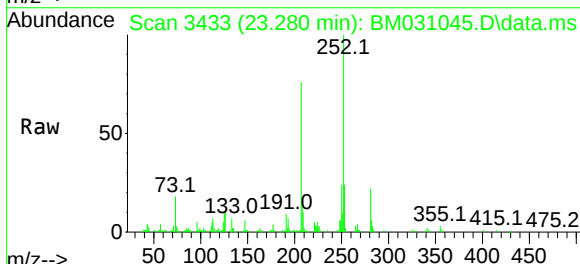
Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

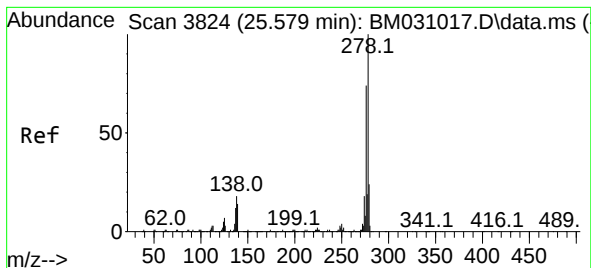
Tgt Ion:252 Resp: 105914
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.2
125 8.3 6.2 9.2



#90
Benzo(a)pyrene
Concen: 3.600 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.018 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:252 Resp: 103977
Ion Ratio Lower Upper
252 100
253 23.6 17.7 26.5
125 10.0 7.3 10.9

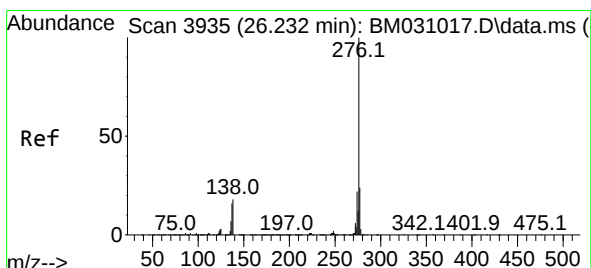
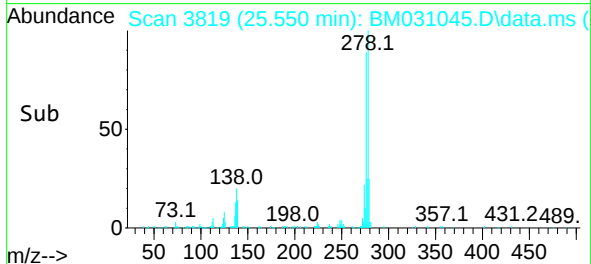
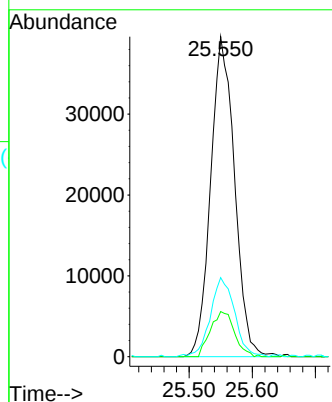
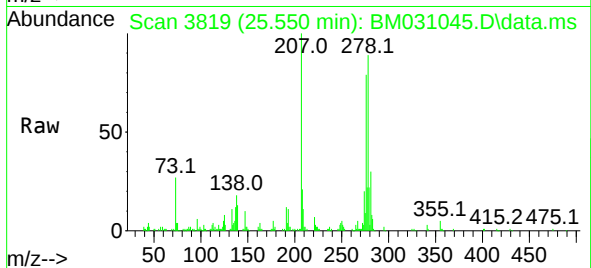




#91
Dibenzo(a,h)anthracene
Concen: 3.473 ng
RT: 25.550 min Scan# 3819
Delta R.T. -0.029 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-03-QT3-2021

Tgt Ion:278 Resp: 104026
Ion Ratio Lower Upper
278 100
139 14.1 11.0 16.4
279 24.7 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 3.653 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BM031045.D
Acq: 21 Jul 2021 16:14

Tgt Ion:276 Resp: 104243
Ion Ratio Lower Upper
276 100
277 22.1 19.4 29.2
138 18.1 14.4 21.6

