

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031040.D
 Acq On : 21 Jul 2021 11:57
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL-10PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Quant Time: Jul 21 12:27:06 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	7.634	152	53734	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	240348	20.000	ng	# 0.00
39) Acenaphthene-d10	14.263	164	179934	20.000	ng	-0.01
64) Phenanthrene-d10	17.015	188	422606	20.000	ng	0.00
76) Chrysene-d12	21.197	240	521702	20.000	ng	-0.01
86) Perylene-d12	23.380	264	573516	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	320562	107.126	ng	0.00
7) Phenol-d6	6.816	99	453964	104.652	ng	0.00
23) Nitrobenzene-d5	8.781	82	332991	69.563	ng	-0.01
42) 2,4,6-Tribromophenol	15.762	330	239213	101.809	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	781310	64.788	ng	0.00
79) Terphenyl-d14	19.650	244	1739611	65.974	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	14312	11.903	ng	97
3) Pyridine	3.628	79	31937	9.389	ng	# 87
4) n-Nitrosodimethylamine	3.546	42	19647	10.162	ng	# 93
6) Aniline	6.975	93	52536	11.281	ng	95
8) 2-Chlorophenol	7.204	128	34909	9.911	ng	94
9) Benzaldehyde	6.792	77	31805	12.305	ng	96
10) Phenol	6.839	94	40368	9.605	ng	84
11) bis(2-Chloroethyl)ether	7.075	93	30602	9.836	ng	99
12) 1,3-Dichlorobenzene	7.528	146	39580	10.334	ng	95
13) 1,4-Dichlorobenzene	7.669	146	38349	9.839	ng	97
14) 1,2-Dichlorobenzene	7.981	146	38304	10.061	ng	96
15) Benzyl Alcohol	7.875	79	34669	9.494	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.169	45	40614	10.434	ng	95
17) 2-Methylphenol	8.075	107	28537	9.706	ng	# 87
18) Hexachloroethane	8.698	117	15072	10.018	ng	88
19) n-Nitroso-di-n-propyla...	8.439	70	29011	9.470	ng	# 94
20) 3+4-Methylphenols	8.398	107	39746	9.560	ng	96
22) Acetophenone	8.451	105	60335	10.141	ng	94
24) Nitrobenzene	8.822	77	47831	9.895	ng	97
25) Isophorone	9.345	82	76406	8.926	ng	99
26) 2-Nitrophenol	9.528	139	17445	8.571	ng	# 84
27) 2,4-Dimethylphenol	9.592	122	33975	10.595	ng	99
28) bis(2-Chloroethoxy)met...	9.833	93	43527	10.085	ng	97
29) 2,4-Dichlorophenol	10.051	162	33900	8.937	ng	97
30) 1,2,4-Trichlorobenzene	10.269	180	39970	9.596	ng	95
31) Naphthalene	10.451	128	118100	9.550	ng	98
32) Benzoic acid	9.669	122	19779	7.239	ng	# 83
33) 4-Chloroaniline	10.569	127	52413	9.824	ng	98
34) Hexachlorobutadiene	10.733	225	25449	9.515	ng	91
35) Caprolactam	11.333	113	11561	9.067	ng	93
36) 4-Chloro-3-methylphenol	11.692	107	39410	9.105	ng	92
37) 2-Methylnaphthalene	12.069	142	90724	9.518	ng	96
38) 1-Methylnaphthalene	12.292	142	82777	9.120	ng	# 99
40) 1,2,4,5-Tetrachloroben...	12.439	216	48083	9.591	ng	# 97
41) Hexachlorocyclopentadiene	12.416	237	30424	10.909	ng	97
43) 2,4,6-Trichlorophenol	12.686	196	29985	8.515	ng	98

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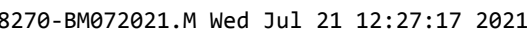
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

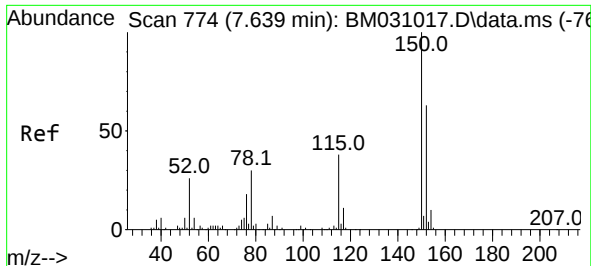
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	33196	8.514	ng	# 92
46) 1,1'-Biphenyl	13.098	154	122309	9.586	ng	99
47) 2-Chloronaphthalene	13.133	162	92861	9.292	ng	# 93
48) 2-Nitroaniline	13.345	65	27996	8.791	ng	94
49) Acenaphthylene	13.986	152	146083	9.145	ng	98
50) Dimethylphthalate	13.733	163	124179	9.201	ng	100
51) 2,6-Dinitrotoluene	13.845	165	26045	8.615	ng	# 80
52) Acenaphthene	14.327	154	90689	9.022	ng	96
53) 3-Nitroaniline	14.174	138	26924	8.815	ng	98
54) 2,4-Dinitrophenol	14.386	184	13309	7.465	ng	93
55) Dibenzofuran	14.668	168	148490	9.007	ng	92
56) 4-Nitrophenol	14.486	139	23516	8.707	ng	88
57) 2,4-Dinitrotoluene	14.639	165	35036	8.323	ng	# 82
58) Fluorene	15.315	166	122984	8.843	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.810	232	30905	8.506	ng	94
60) Diethylphthalate	15.110	149	134506	9.296	ng	97
61) 4-Chlorophenyl-phenyle...	15.321	204	62635	9.095	ng	# 88
62) 4-Nitroaniline	15.339	138	29624	8.793	ng	88
63) Azobenzene	15.615	77	130466	9.059	ng	95
65) 4,6-Dinitro-2-methylph...	15.398	198	19014	7.174	ng	83
66) n-Nitrosodiphenylamine	15.533	169	108637	8.746	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	38688	8.848	ng	# 91
68) Hexachlorobenzene	16.315	284	43729	8.875	ng	92
69) Atrazine	16.492	200	43737	9.591	ng	99
70) Pentachlorophenol	16.662	266	27318	8.480	ng	97
71) Phenanthrene	17.056	178	210462	8.993	ng	99
72) Anthracene	17.145	178	213456	9.250	ng	99
73) Carbazole	17.421	167	202675	8.872	ng	99
74) Di-n-butylphthalate	17.998	149	236709	8.821	ng	# 98
75) Fluoranthene	19.074	202	262495	8.963	ng	99
77) Benzidine	19.268	184	148983	11.567	ng	98
78) Pyrene	19.439	202	280554	8.612	ng	97
80) Butylbenzylphthalate	20.356	149	116074	8.345	ng	99
81) Benzo(a)anthracene	21.186	228	307680	8.899	ng	98
82) 3,3'-Dichlorobenzidine	21.127	252	112335	11.852	ng	97
83) Chrysene	21.239	228	303958	9.049	ng	97
84) Bis(2-ethylhexyl)phtha...	21.139	149	188746	8.758	ng	95
85) Di-n-octyl phthalate	22.003	149	328293	8.896	ng	97
87) Indeno(1,2,3-cd)pyrene	25.538	276	374438	9.137	ng	99
88) Benzo(b)fluoranthene	22.727	252	341732	8.992	ng	98
89) Benzo(k)fluoranthene	22.774	252	323647	9.106	ng	98
90) Benzo(a)pyrene	23.285	252	324771	9.493	ng	99
91) Dibenzo(a,h)anthracene	25.556	278	316911	8.933	ng	99
92) Benzo(g,h,i)perylene	26.197	276	310247	9.179	ng	98

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

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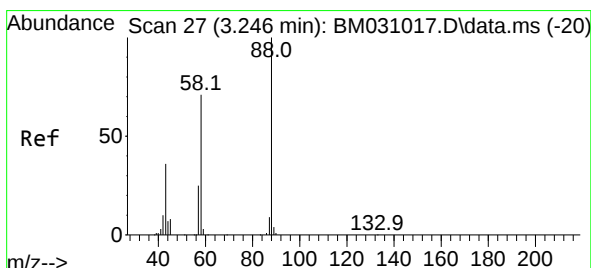
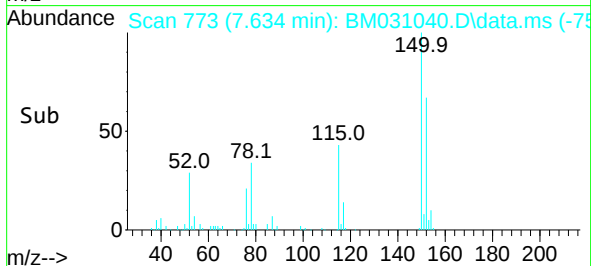
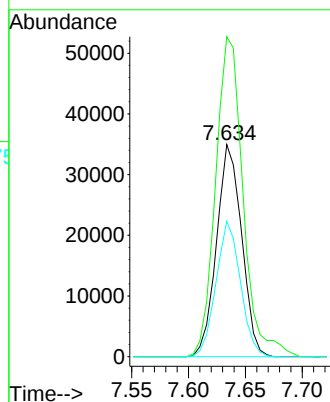
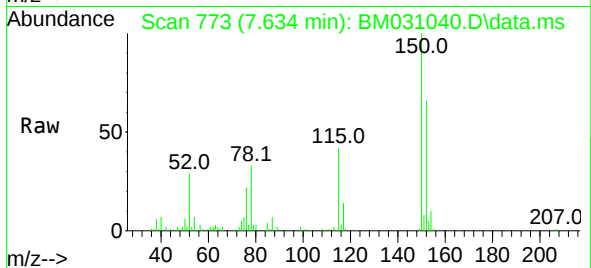




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.005 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

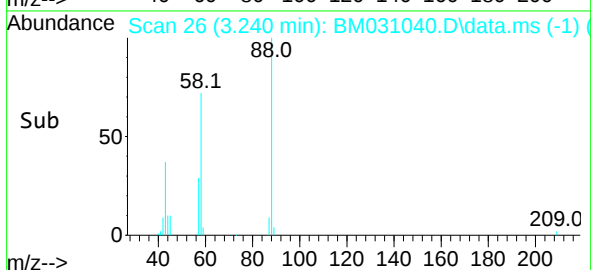
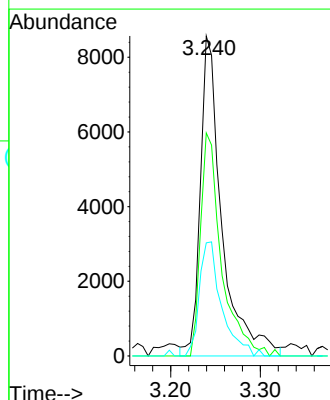
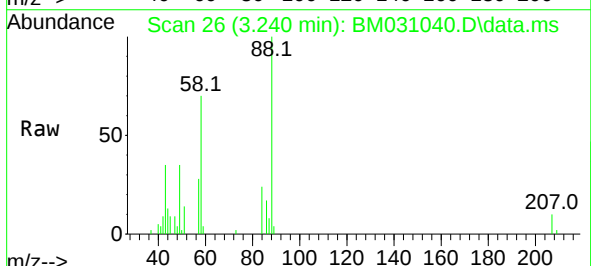
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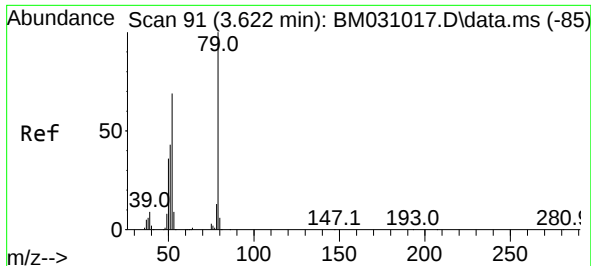
Tgt Ion:	152	Resp:	53734
Ion Ratio	Lower	Upper	
152	100		
150	150.9	125.9	188.9
115	63.8	44.6	67.0



#2
1,4-Dioxane
Concen: 11.903 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:	88	Resp:	14312
Ion Ratio	Lower	Upper	
88	100		
58	67.6	53.6	80.4
43	36.7	25.8	38.6

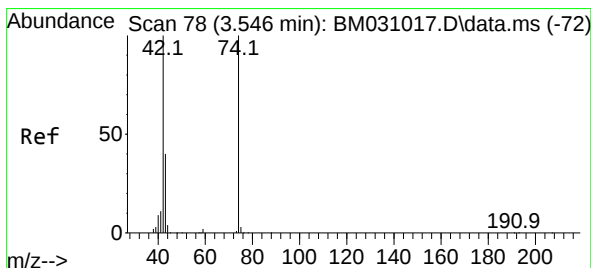
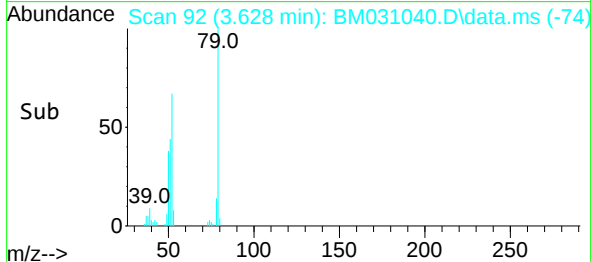
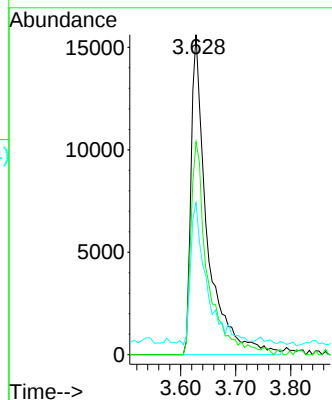
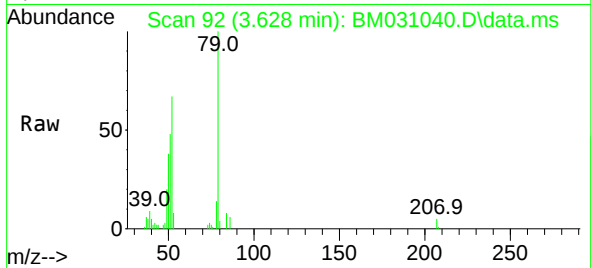




#3
Pyridine
Concen: 9.389 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

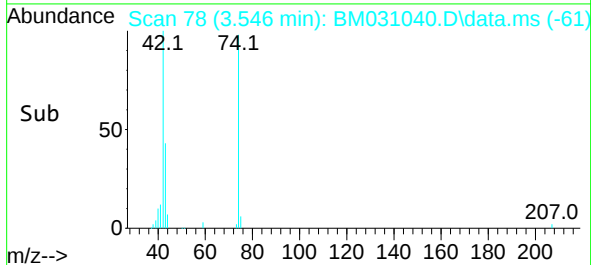
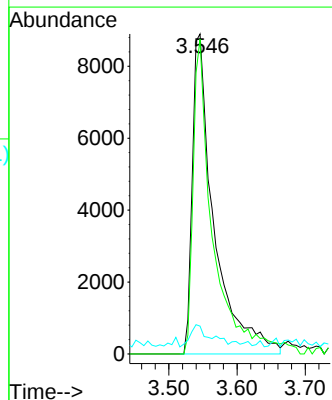
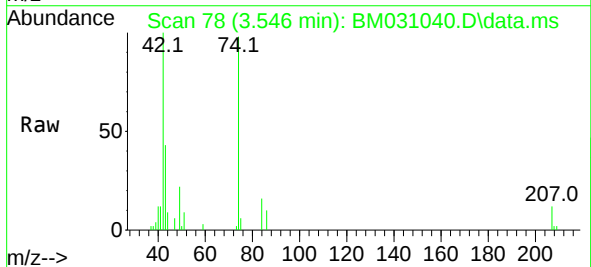
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

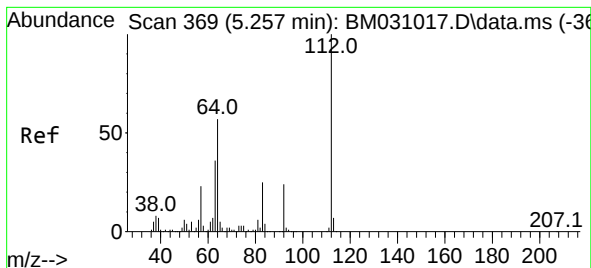
Tgt Ion: 79 Resp: 31937
Ion Ratio Lower Upper
79 100
52 66.6 48.2 72.2
51 47.5 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 10.162 ng
RT: 3.546 min Scan# 78
Delta R.T. -0.000 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 42 Resp: 19647
Ion Ratio Lower Upper
42 100
74 98.4 84.1 126.1
44 8.7 4.5 6.7#

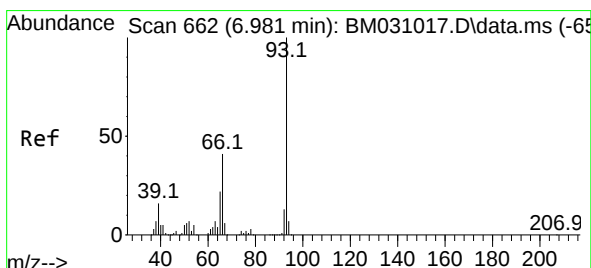
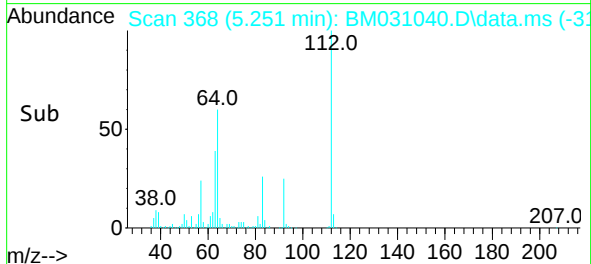
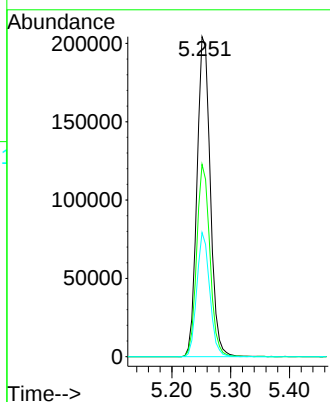
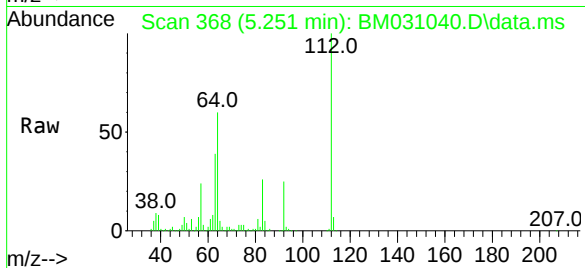




#5
2-Fluorophenol
Concen: 107.126 ng
RT: 5.251 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

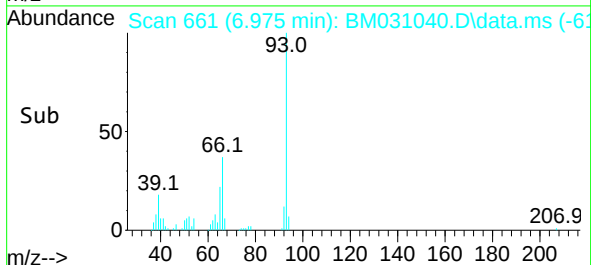
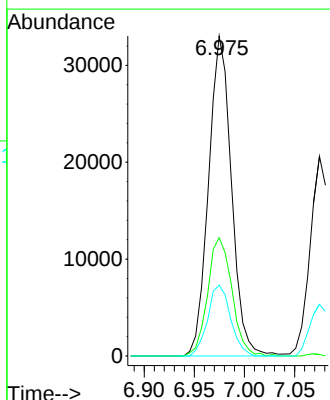
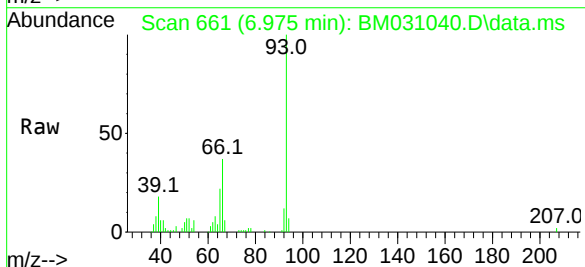
Instrument :
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ClientSampleId :
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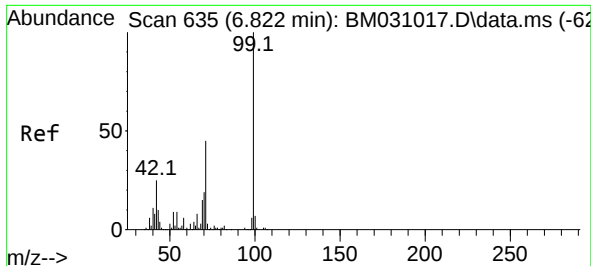
Tgt Ion:	112	Resp:	320562
Ion Ratio	Lower	Upper	
112	100		
64	60.1	47.1	70.7
63	38.8	27.3	40.9



#6
Aniline
Concen: 11.281 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031040.D
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Tgt Ion:	93	Resp:	52536
Ion Ratio	Lower	Upper	
93	100		
66	36.9	32.7	49.1
65	22.1	16.8	25.2

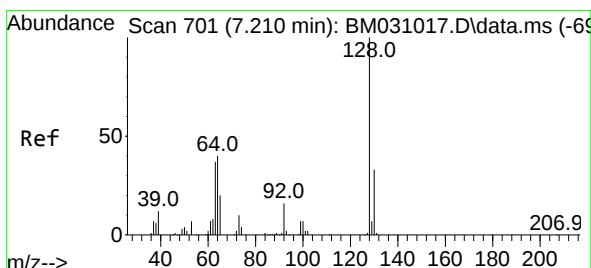
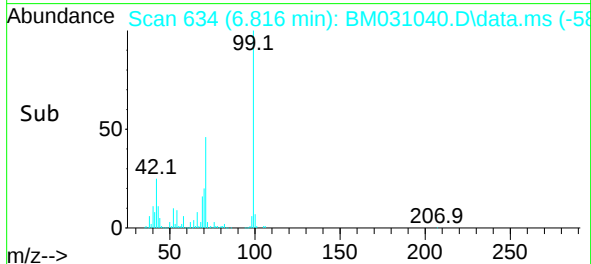
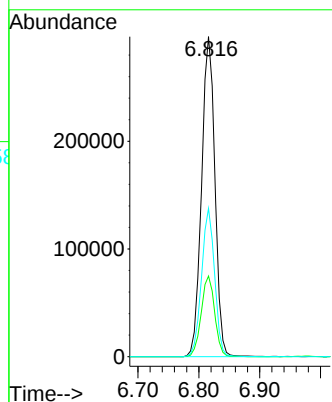
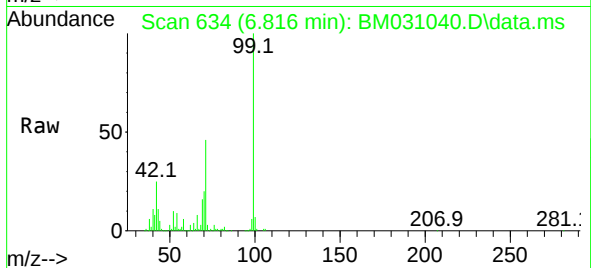




#7
Phenol-d6
Concen: 104.652 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

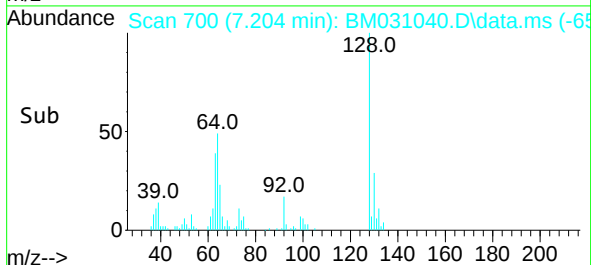
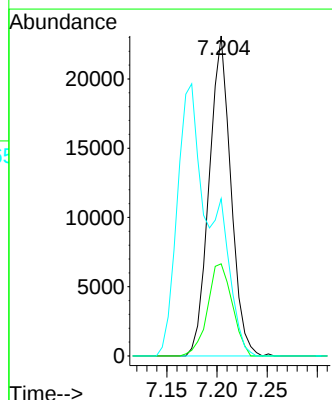
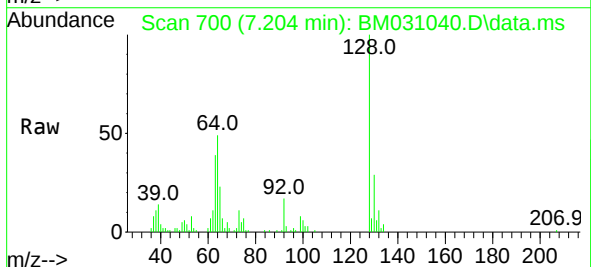
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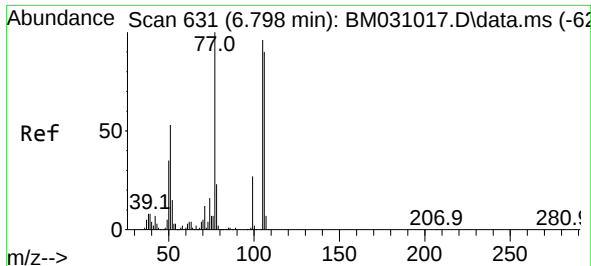
Tgt Ion: 99 Resp: 453964
Ion Ratio Lower Upper
99 100
42 25.2 18.0 27.0
71 46.4 30.9 46.3#



#8
2-Chlorophenol
Concen: 9.911 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 128 Resp: 34909
Ion Ratio Lower Upper
128 100
130 28.8 13.5 53.5
64 49.1 25.7 65.7

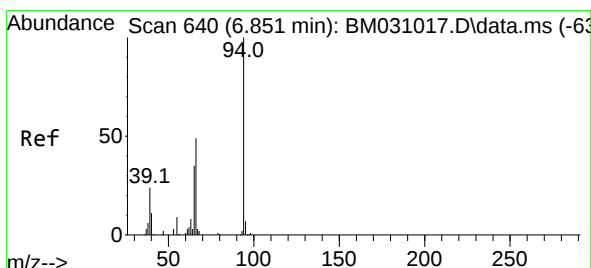
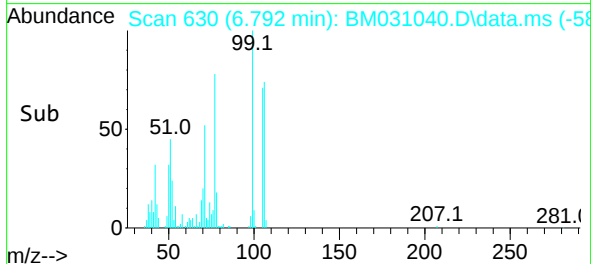
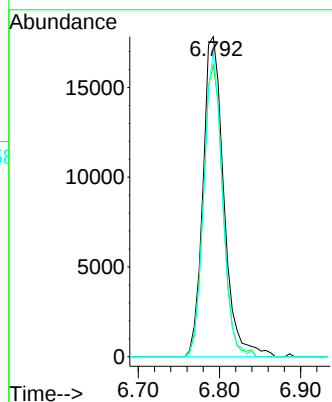
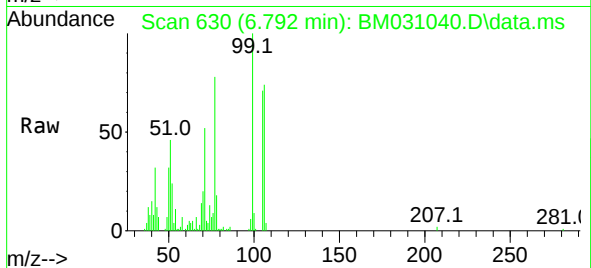




#9
Benzaldehyde
Concen: 12.305 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031040.D
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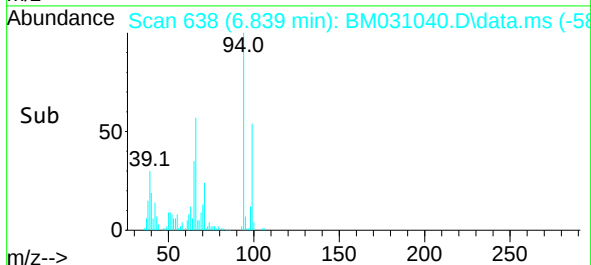
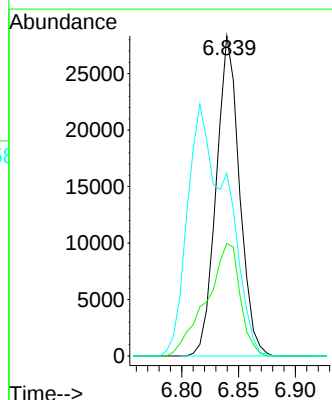
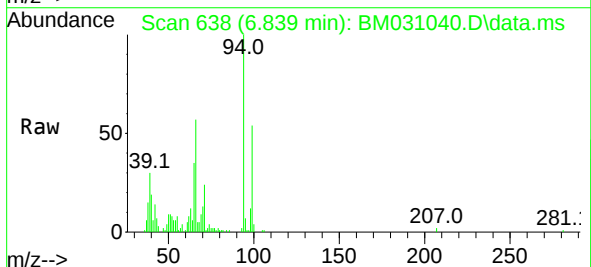
Instrument :
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ClientSampleId :
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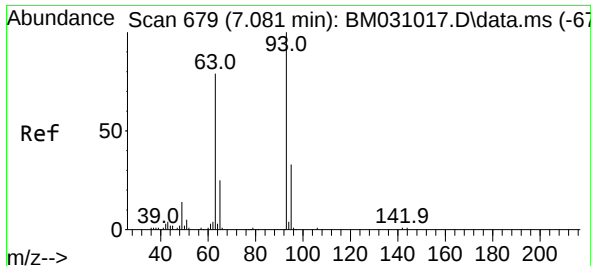
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Ion Ratio Lower Upper
77 100
105 91.1 71.2 111.2
106 95.2 68.6 108.6



#10
Phenol
Concen: 9.605 ng
RT: 6.839 min Scan# 638
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

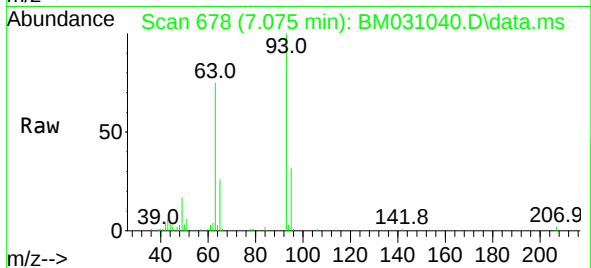
Tgt Ion: 94 Resp: 40368
Ion Ratio Lower Upper
94 100
65 35.2 11.9 51.9
66 57.1 22.6 62.6



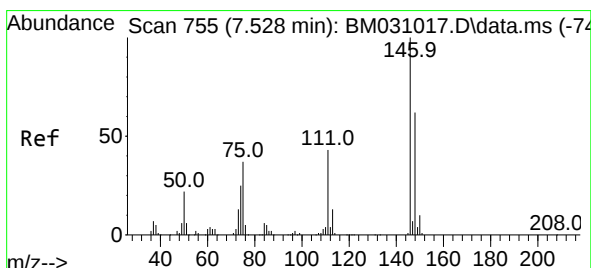
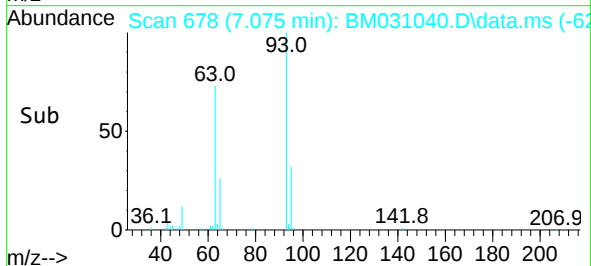
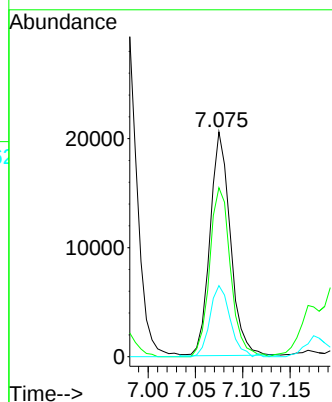


#11
bis(2-Chloroethyl)ether
Concen: 9.836 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

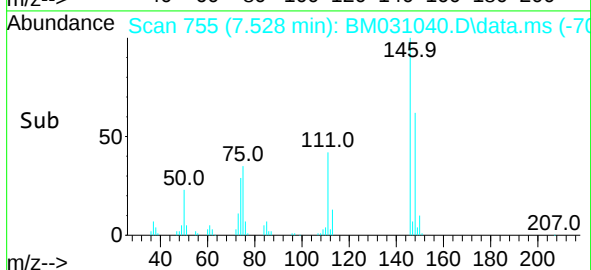
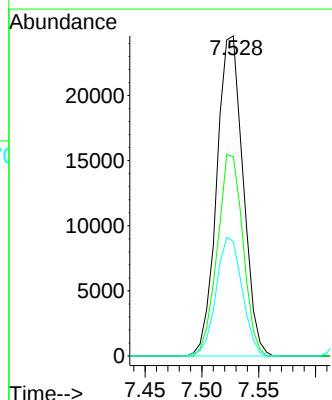
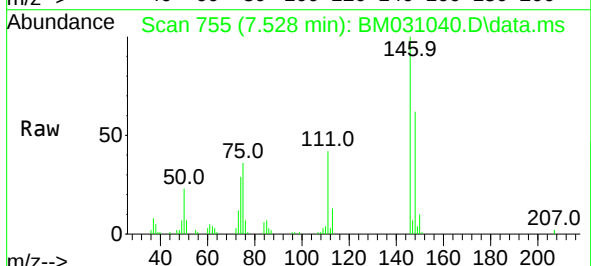


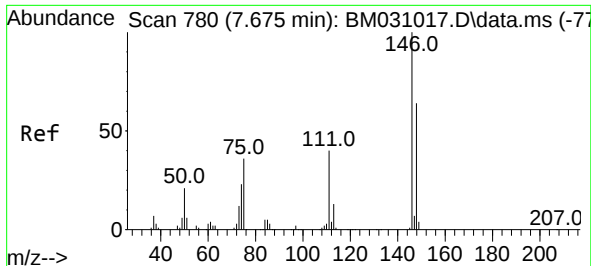
Tgt Ion: 93 Resp: 30602
Ion Ratio Lower Upper
93 100
63 75.1 54.3 94.3
95 31.6 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 10.334 ng
RT: 7.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 146 Resp: 39580
Ion Ratio Lower Upper
146 100
148 62.3 52.2 78.4
75 35.8 25.8 38.8

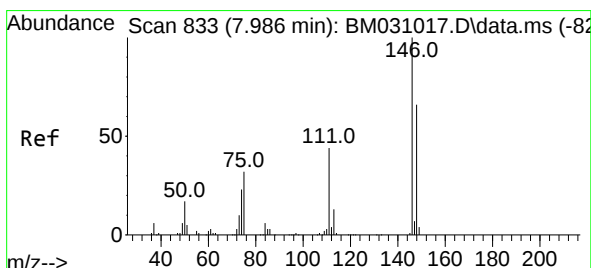
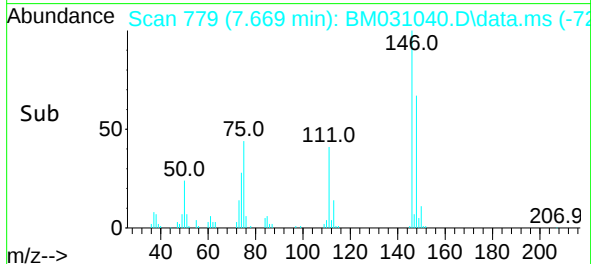
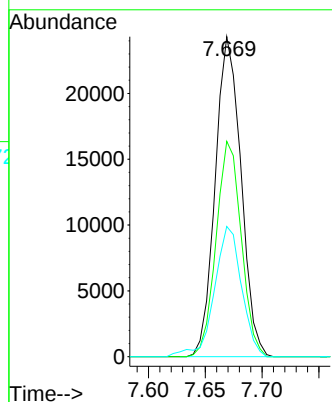
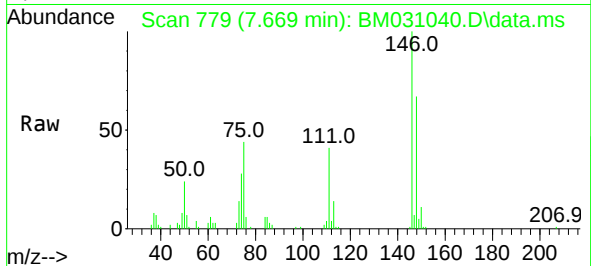




#13
1,4-Dichlorobenzene
Concen: 9.839 ng
RT: 7.669 min Scan# 779
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

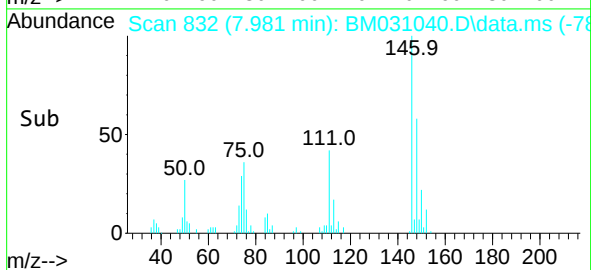
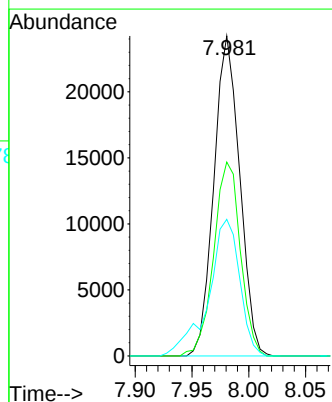
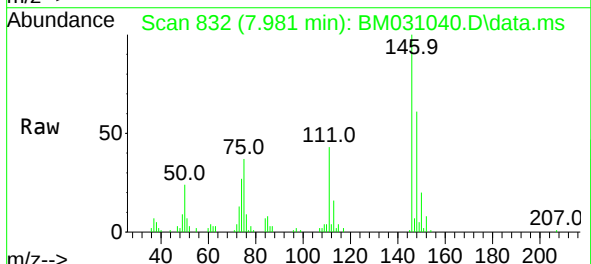
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

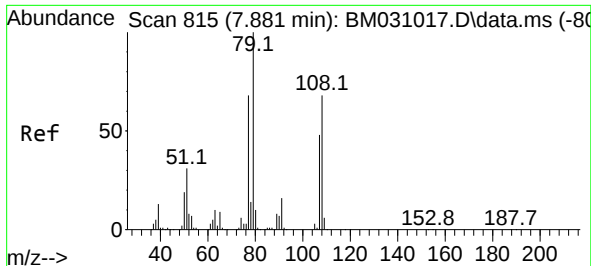
Tgt Ion:	146	Resp:	38349
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.8	77.8
111	40.7	31.0	46.6



#14
1,2-Dichlorobenzene
Concen: 10.061 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:	146	Resp:	38304
Ion Ratio	Lower	Upper	
146	100		
148	60.6	51.7	77.5
111	42.7	32.6	49.0





#15

Benzyl Alcohol

Concen: 9.494 ng

RT: 7.875 min Scan# 814

Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

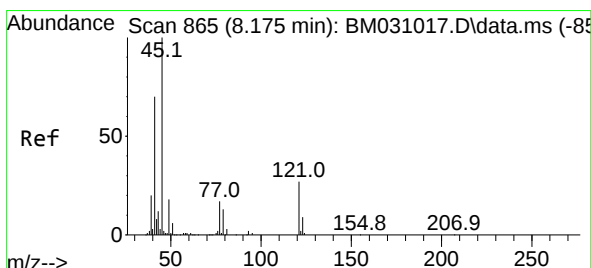
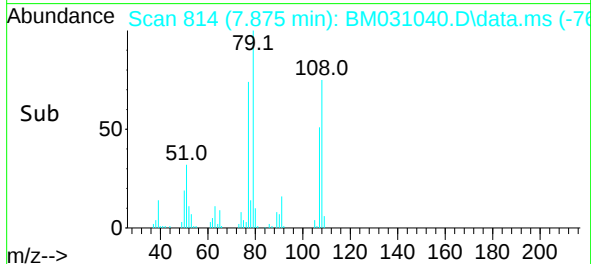
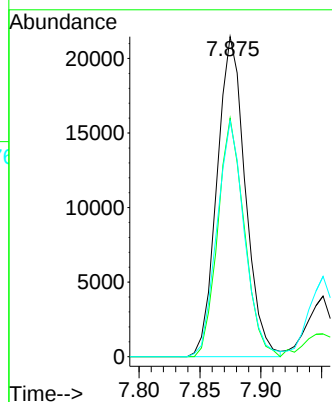
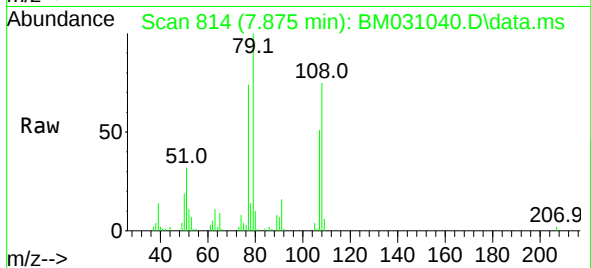
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion: 79	Resp: 34669
Ion Ratio	Lower Upper
79	100
108	74.5 57.0 85.4
77	73.7 54.6 81.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 10.434 ng

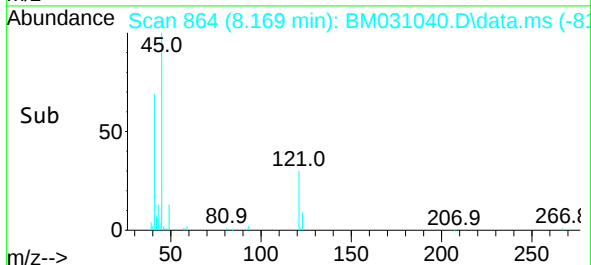
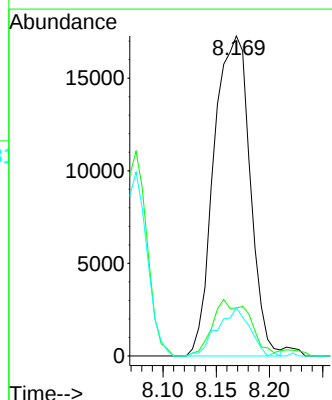
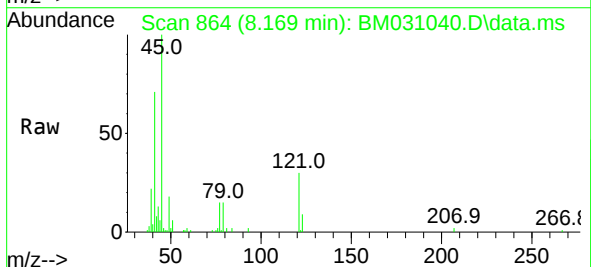
RT: 8.169 min Scan# 864

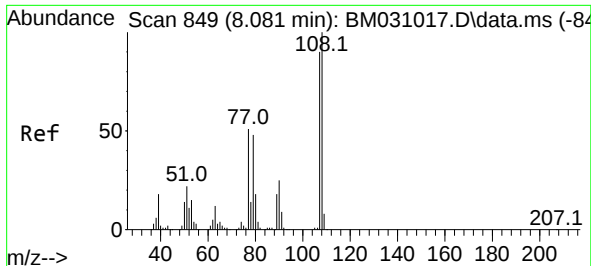
Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

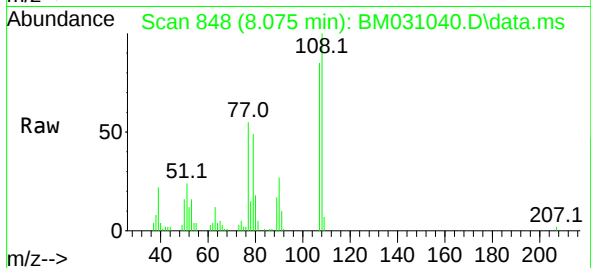
Tgt Ion: 45	Resp: 40614
Ion Ratio	Lower Upper
45	100
77	15.0 0.0 38.0
79	15.1 0.0 34.1



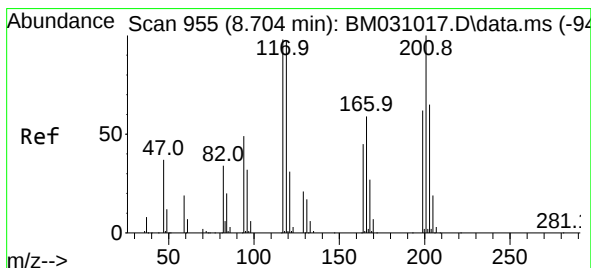
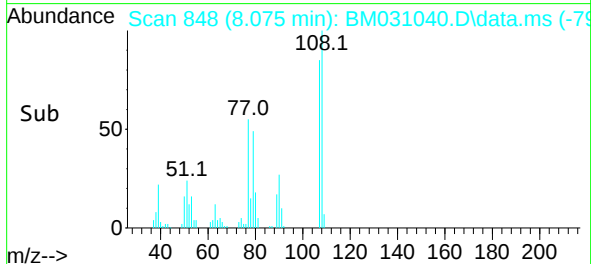
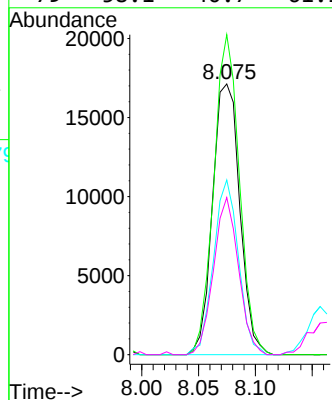


#17
2-Methylphenol
Concen: 9.706 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

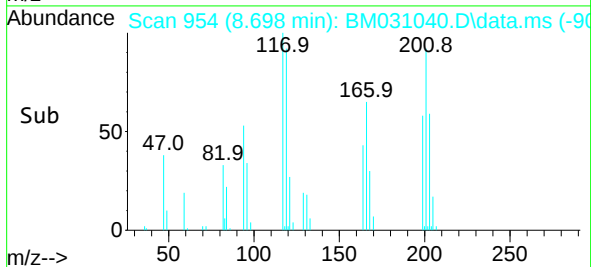
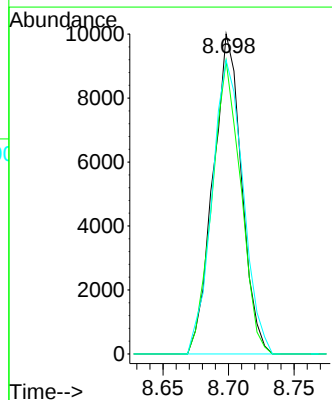
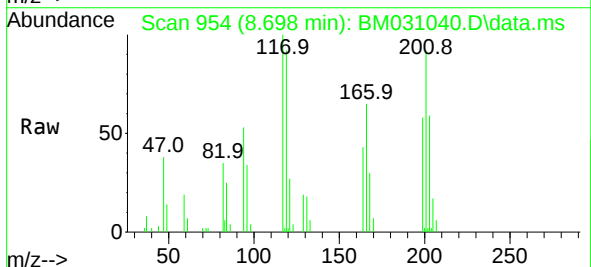


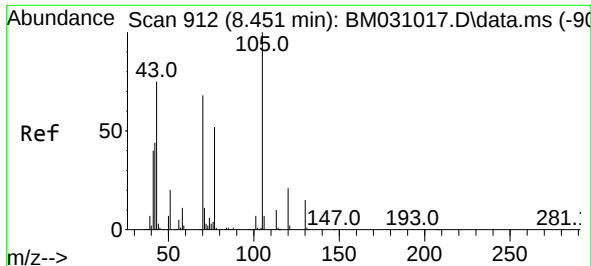
Tgt Ion	Ratio	Lower	Upper
107	100		
108	118.2	85.0	127.6
77	64.6	41.3	61.9#
79	58.1	40.7	61.1



#18
Hexachloroethane
Concen: 10.018 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	76.2	114.2
201	91.8	89.8	134.6



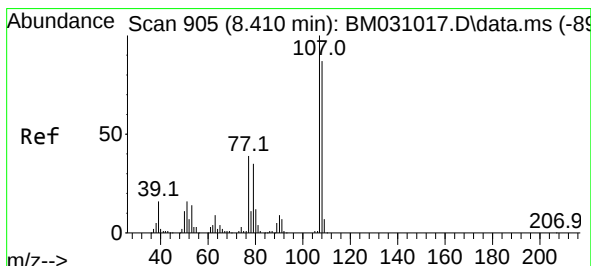
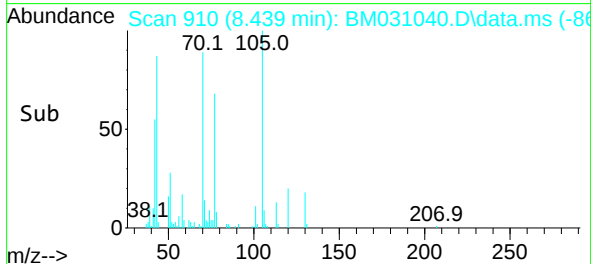
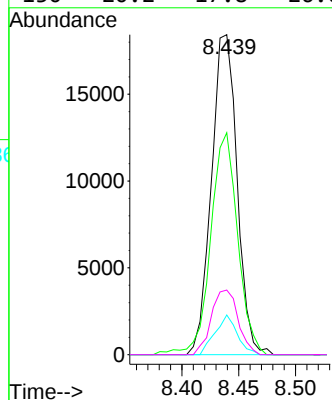
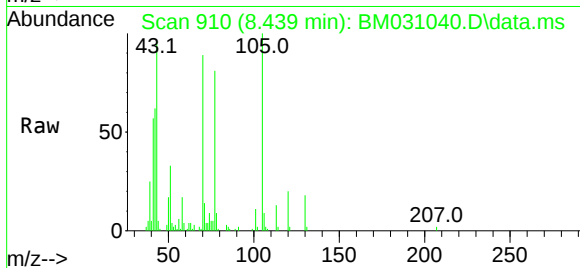


#19

n-Nitroso-di-n-propylamine
Concen: 9.470 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

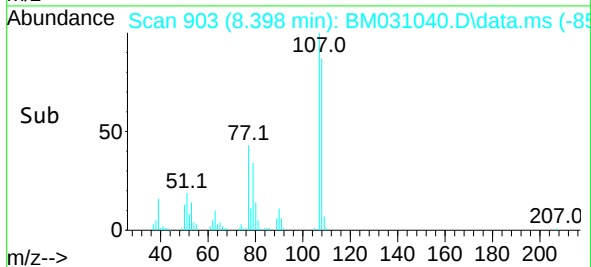
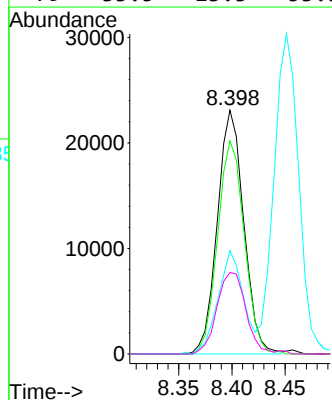
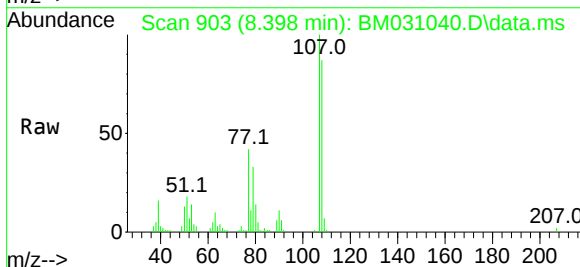
Tgt Ion:	70	Resp:	29011
Ion Ratio	Lower	Upper	
70	100		
42	69.4	51.4	77.0
101	12.4	8.1	12.1#
130	20.2	17.8	26.6

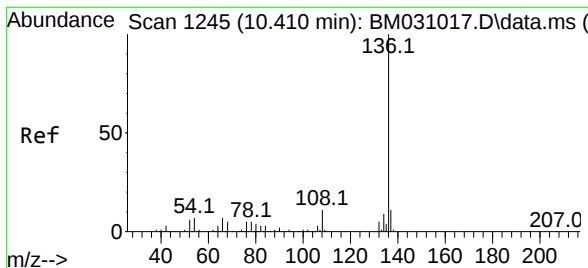


#20

3+4-Methylphenols
Concen: 9.560 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

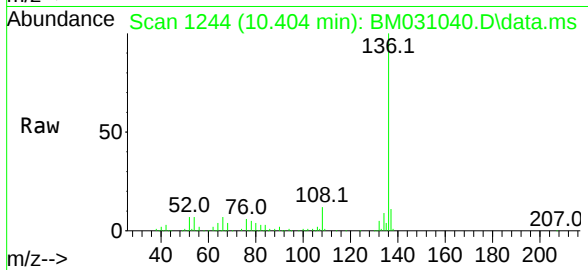
Tgt Ion:	107	Resp:	39746
Ion Ratio	Lower	Upper	
107	100		
108	87.5	69.9	109.9
77	42.5	17.3	57.3
79	33.5	13.3	53.3



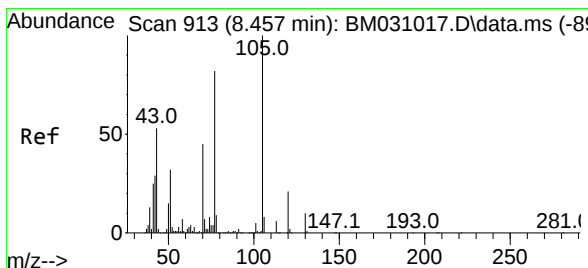
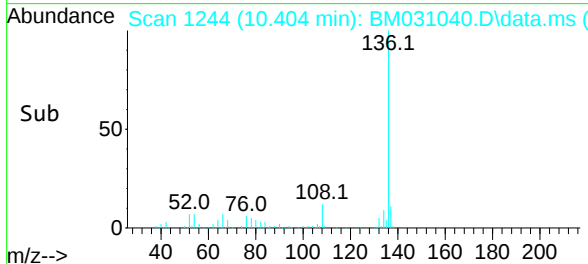
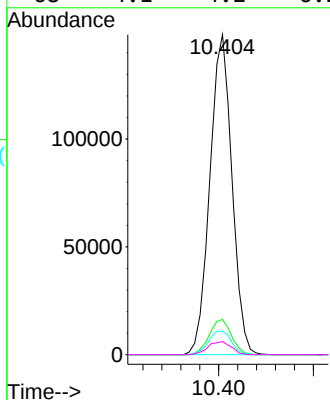


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

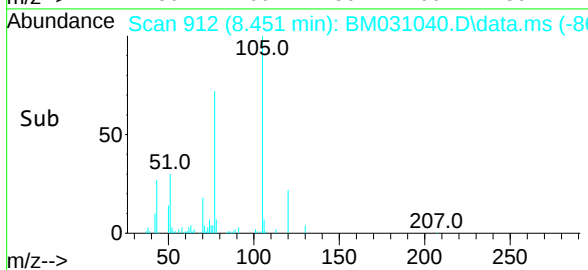
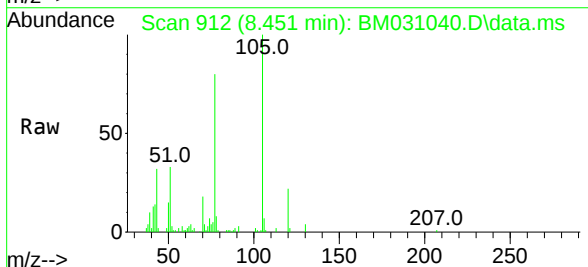
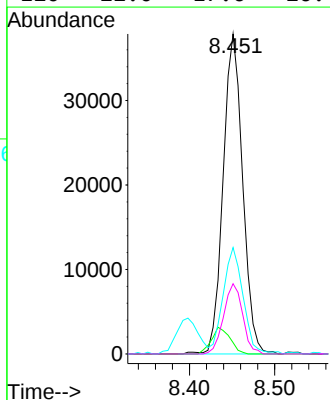


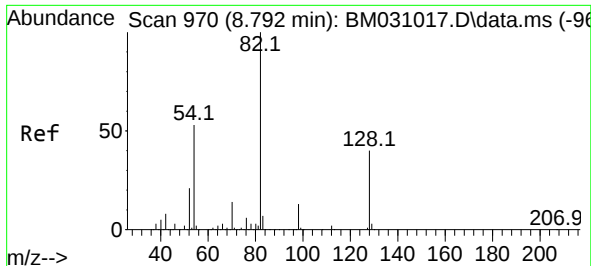
Tgt Ion:136 Resp: 240348
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.3 5.5 8.3
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 10.141 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:105 Resp: 60335
Ion Ratio Lower Upper
105 100
71 3.6 3.4 5.0
51 33.2 22.2 33.4
120 22.0 17.6 26.4

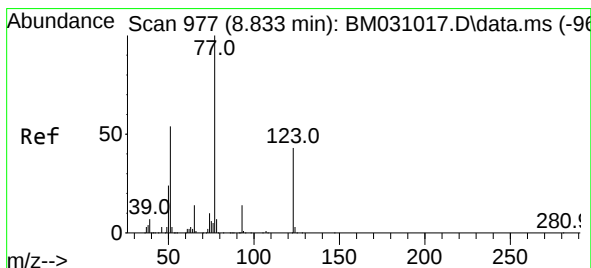
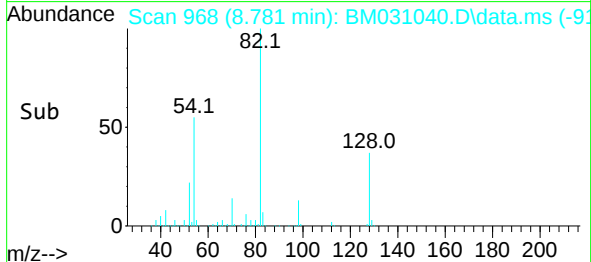
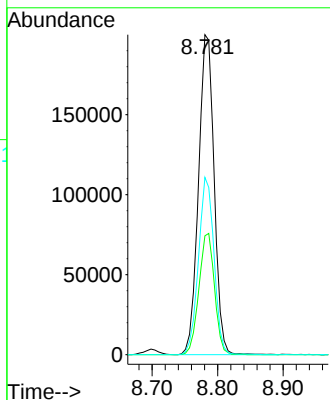
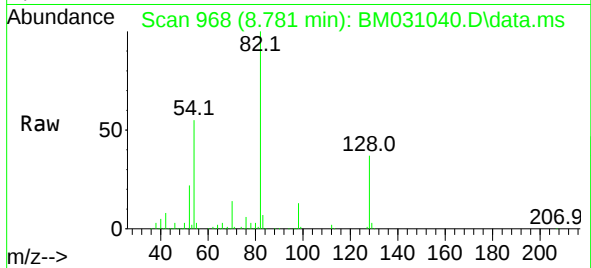




#23
Nitrobenzene-d5
Concen: 69.563 ng
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

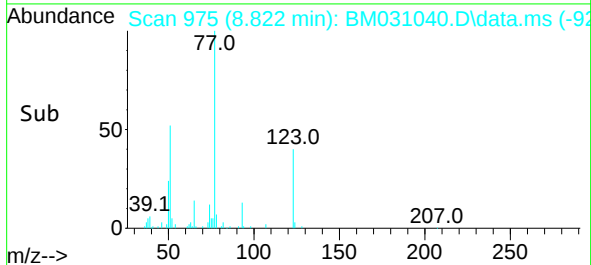
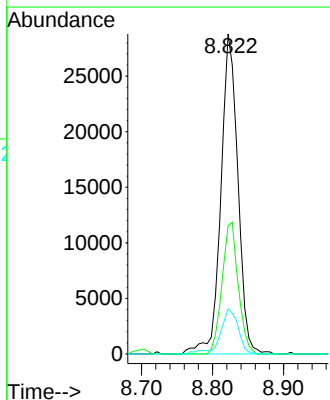
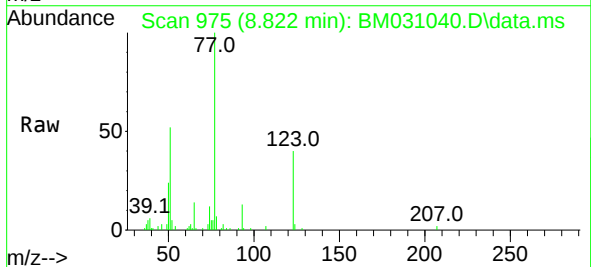
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

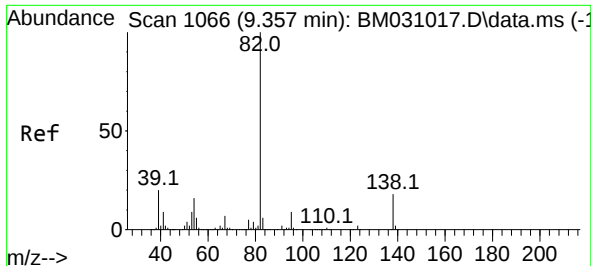
Tgt Ion: 82 Resp: 332991
Ion Ratio Lower Upper
82 100
128 37.2 31.1 46.7
54 55.4 37.3 55.9



#24
Nitrobenzene
Concen: 9.895 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 77 Resp: 47831
Ion Ratio Lower Upper
77 100
123 40.1 34.0 51.0
65 14.1 11.0 16.4

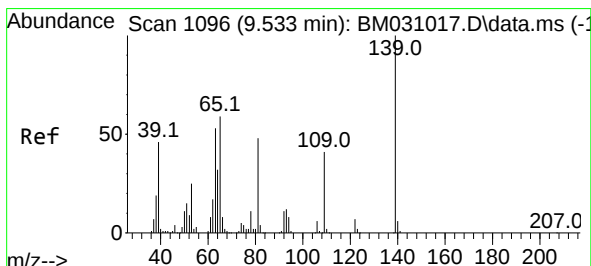
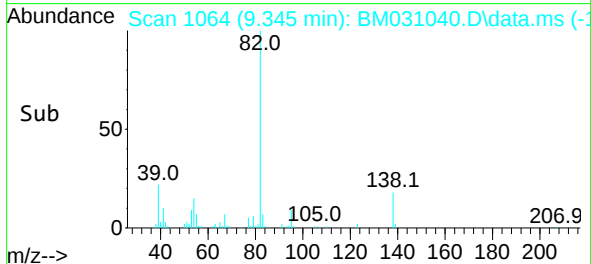
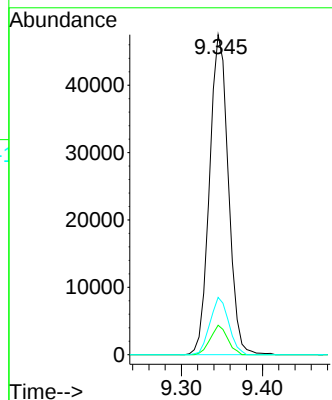
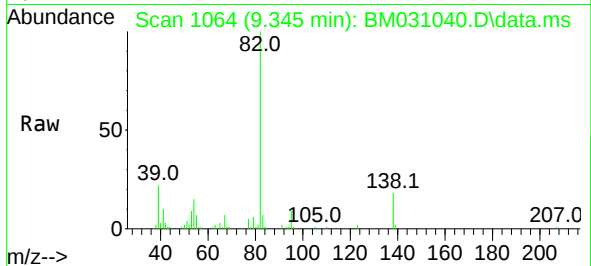




#25
Isophorone
Concen: 8.926 ng
RT: 9.345 min Scan# 1064
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

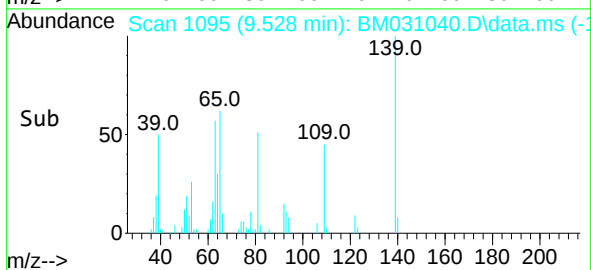
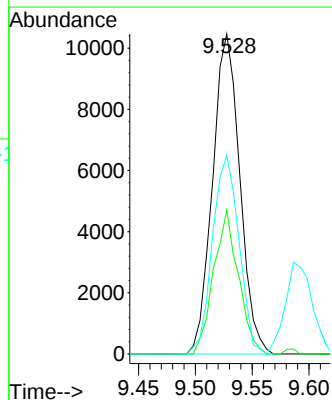
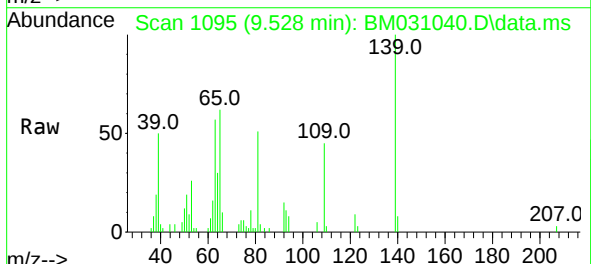
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

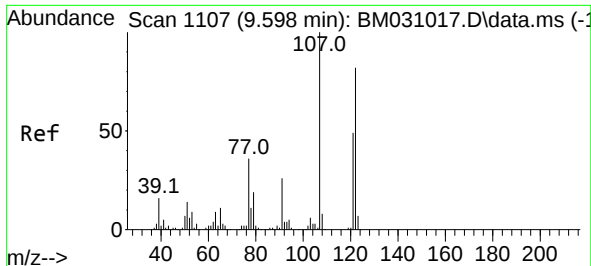
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.2	6.3	9.5
138	17.9	14.5	21.7



#26
2-Nitrophenol
Concen: 8.571 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.0	26.7	40.1#
65	62.1	41.9	62.9

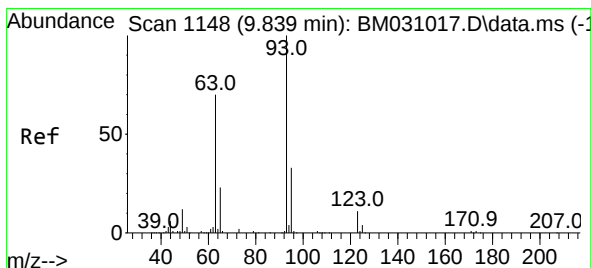
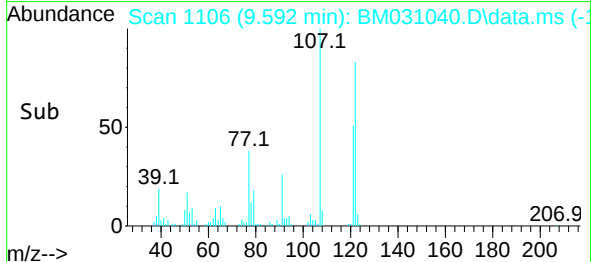
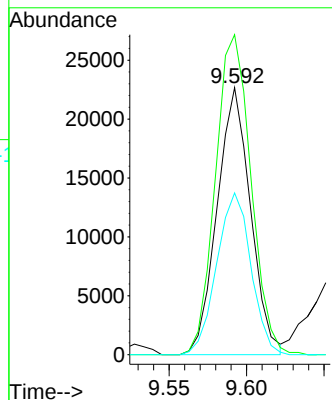
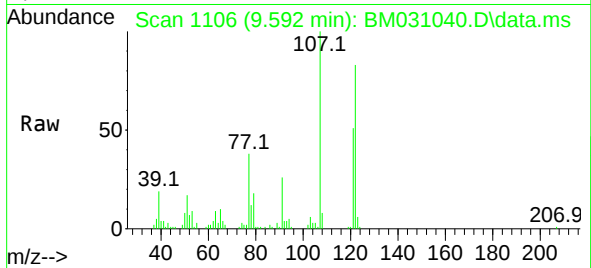




#27
2,4-Dimethylphenol
Concen: 10.595 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

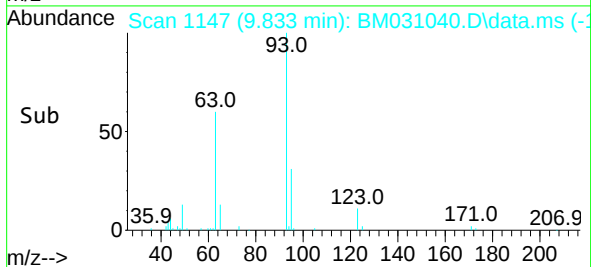
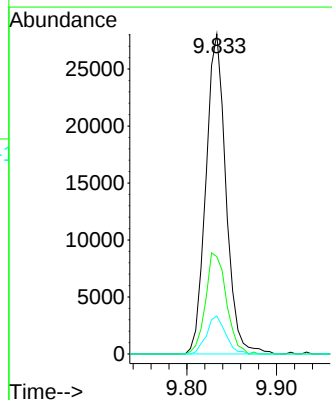
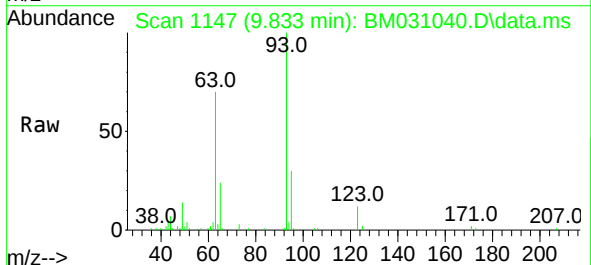
Instrument :
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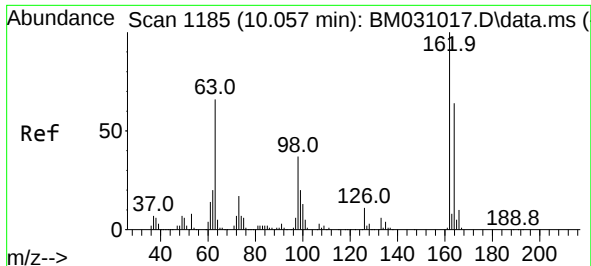
Tgt Ion:122 Resp: 33975
Ion Ratio Lower Upper
122 100
107 119.8 95.0 142.6
121 60.6 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 10.085 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 93 Resp: 43527
Ion Ratio Lower Upper
93 100
95 30.4 26.2 39.2
123 11.8 9.3 13.9

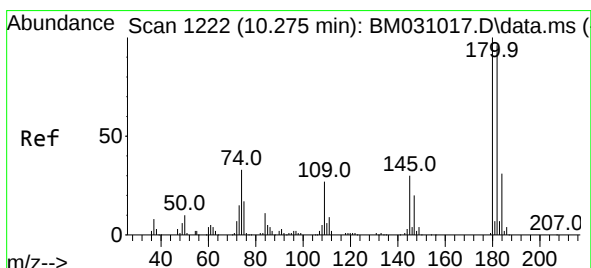
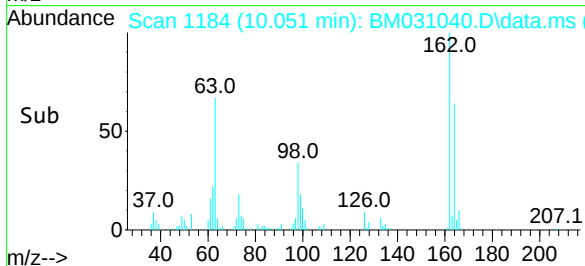
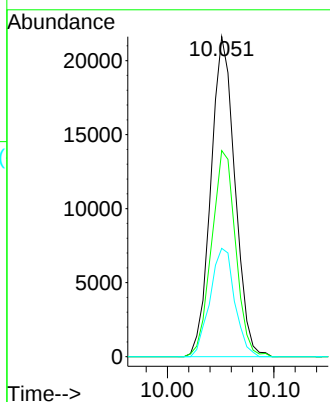
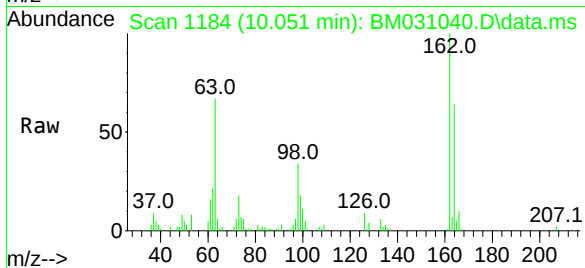




#29
2,4-Dichlorophenol
Concen: 8.937 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

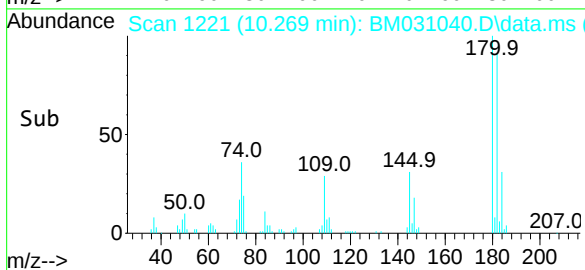
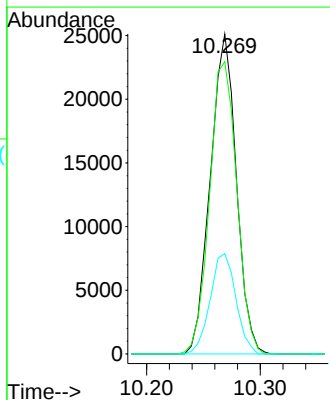
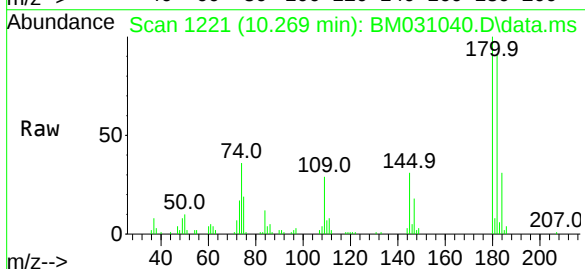
Instrument :
BNA_M
ClientSampleId :
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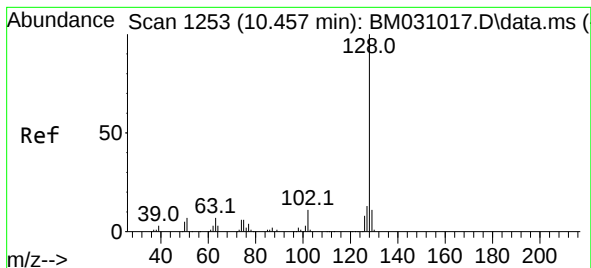
Tgt Ion:	162	Resp:	33900
Ion Ratio	Lower	Upper	
162	100		
164	64.4	46.5	86.5
98	33.8	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 9.596 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:	180	Resp:	39970
Ion Ratio	Lower	Upper	
180	100		
182	91.4	76.3	114.5
145	31.4	22.3	33.5

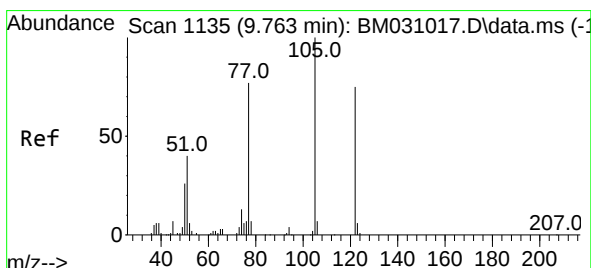
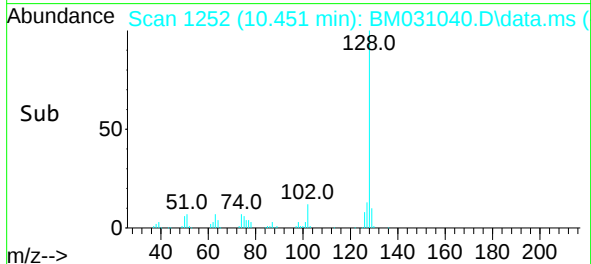
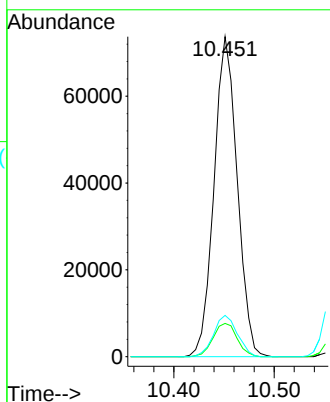
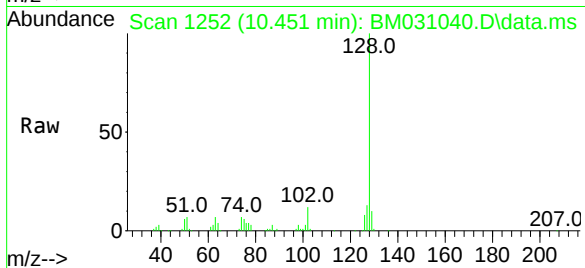




#31
Naphthalene
Concen: 9.550 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

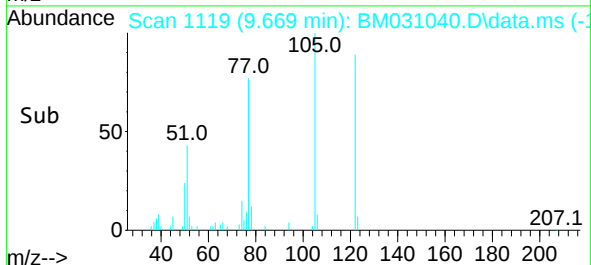
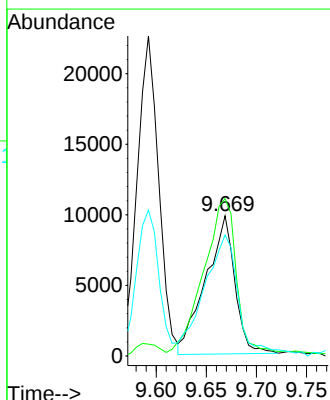
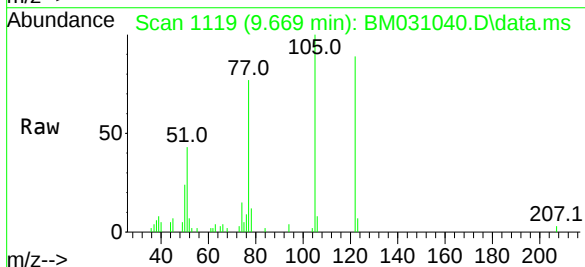
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

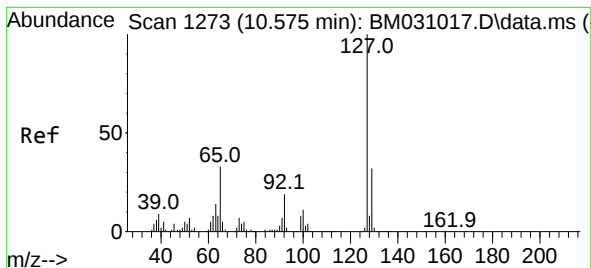
Tgt Ion:128 Resp: 118100
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.6
127 12.9 10.8 16.2



#32
Benzoic acid
Concen: 7.239 ng
RT: 9.669 min Scan# 1119
Delta R.T. -0.094 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:122 Resp: 19779
Ion Ratio Lower Upper
122 100
105 112.3 107.3 147.3
77 86.2 88.0 128.0#

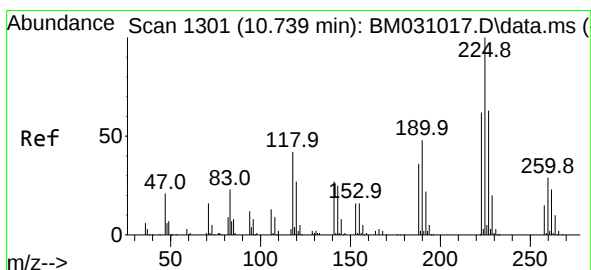
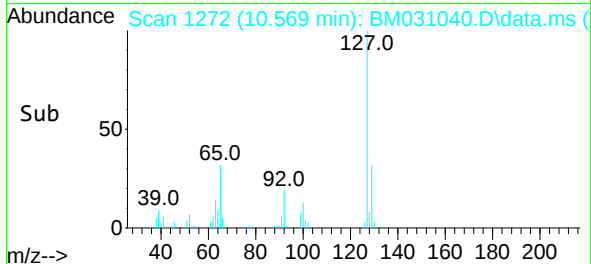
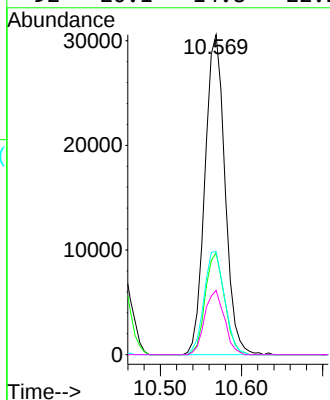
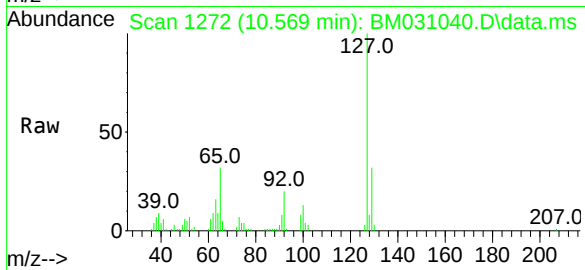




#33
4-Chloroaniline
Concen: 9.824 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

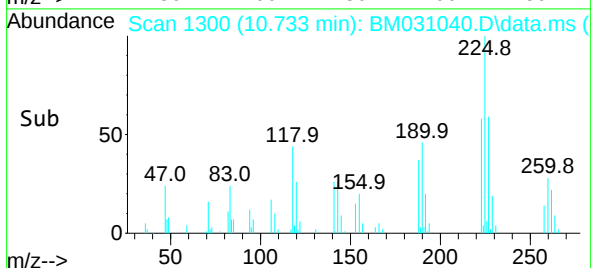
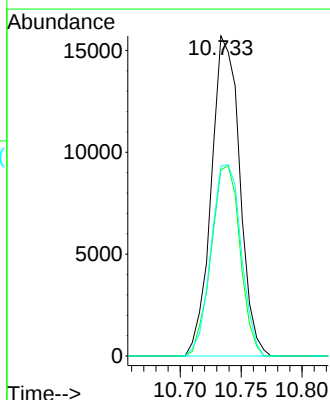
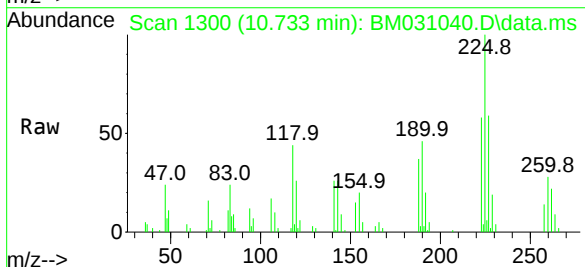
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

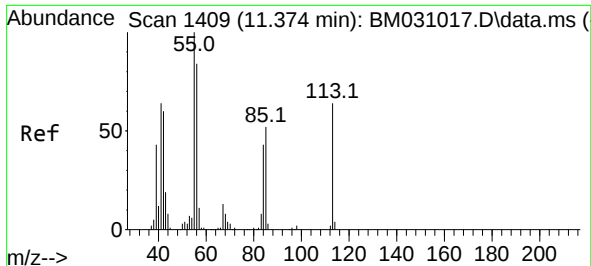
Tgt Ion:127	Resp:	52413
Ion Ratio	Lower	Upper
127 100		
129 31.8	26.8	40.2
65 32.2	25.2	37.8
92 20.1	14.8	22.2



#34
Hexachlorobutadiene
Concen: 9.515 ng
RT: 10.733 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:225	Resp:	25449
Ion Ratio	Lower	Upper
225 100		
223 58.1	52.1	78.1
227 59.4	53.8	80.6

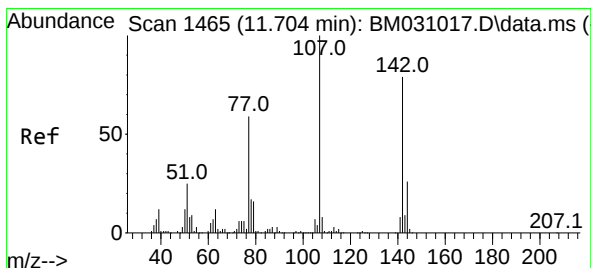
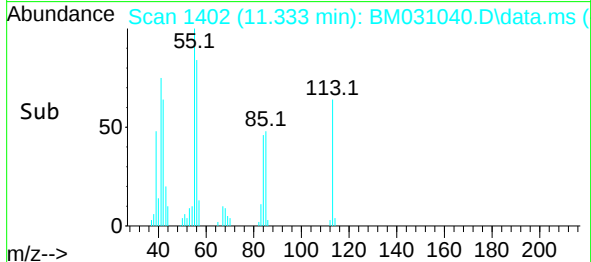
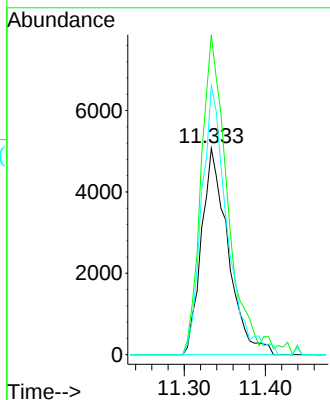
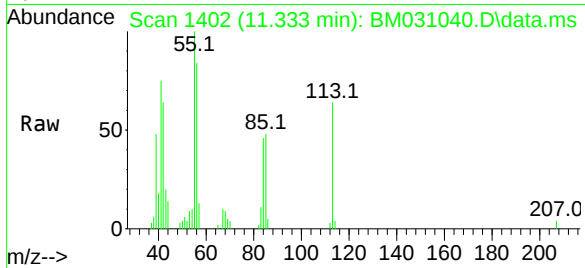




#35
Caprolactam
Concen: 9.067 ng
RT: 11.333 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

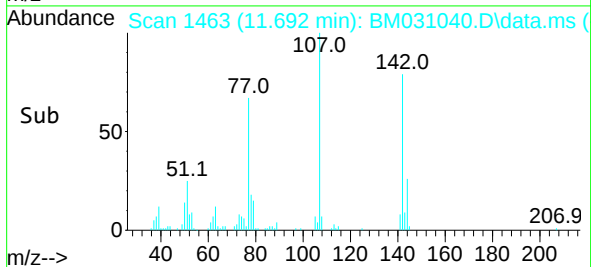
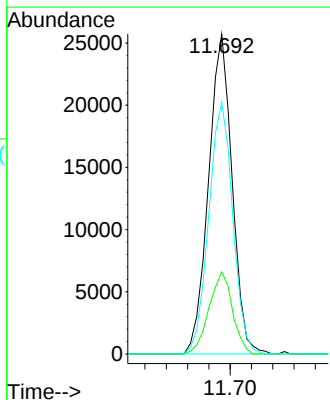
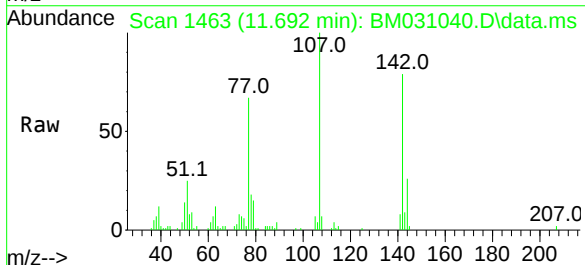
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

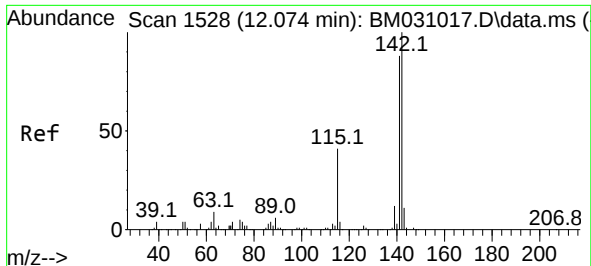
Tgt Ion:113 Resp: 11561
Ion Ratio Lower Upper
113 100
55 155.1 132.0 172.0
56 130.2 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 9.105 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:107 Resp: 39410
Ion Ratio Lower Upper
107 100
144 25.6 22.3 33.5
142 78.6 69.3 103.9

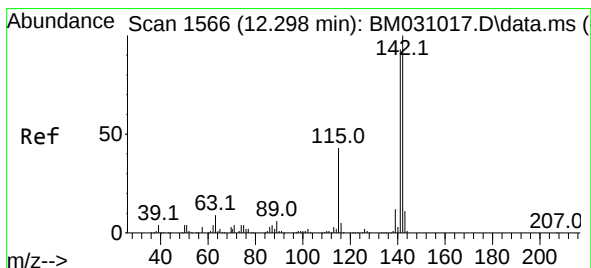
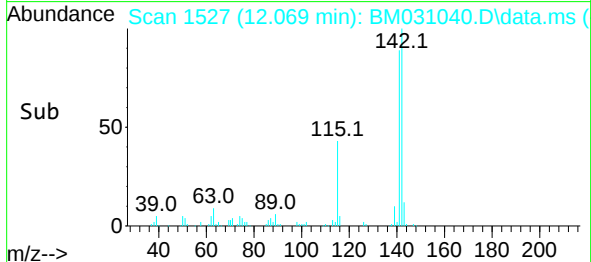
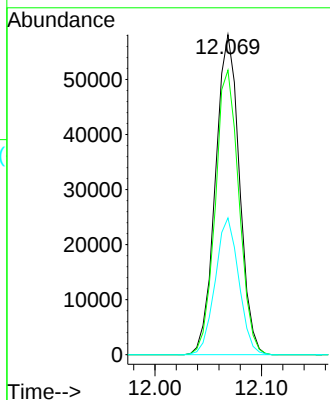
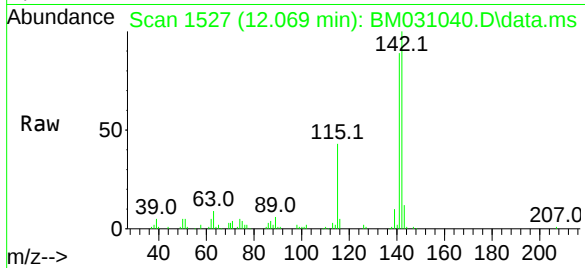




#37
2-Methylnaphthalene
Concen: 9.518 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

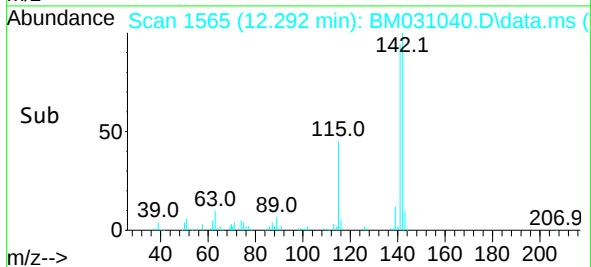
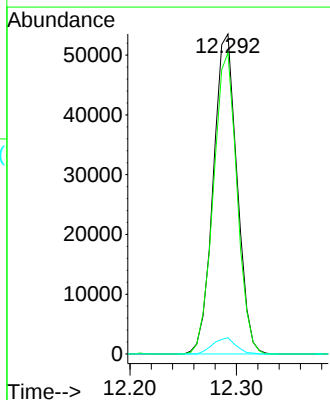
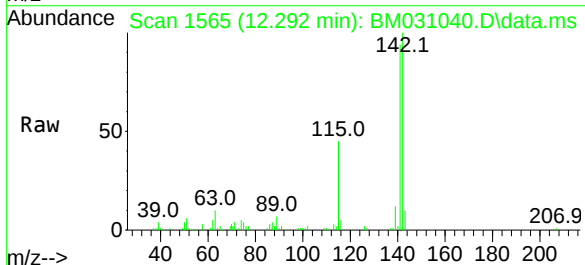
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

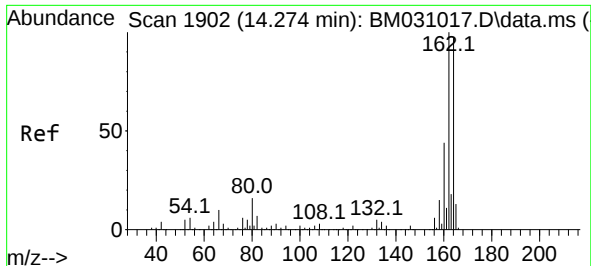
Tgt Ion:142 Resp: 90724
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 42.7 29.1 43.7



#38
1-Methylnaphthalene
Concen: 9.120 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

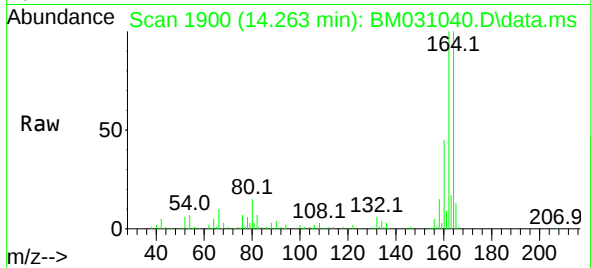
Tgt Ion:142 Resp: 82777
Ion Ratio Lower Upper
142 100
141 94.1 74.2 111.4
116 5.1 3.0 4.6#



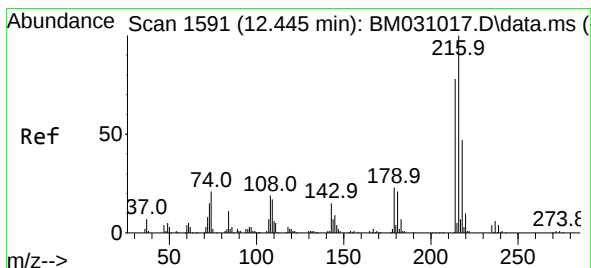
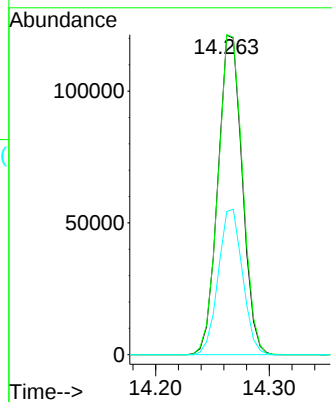
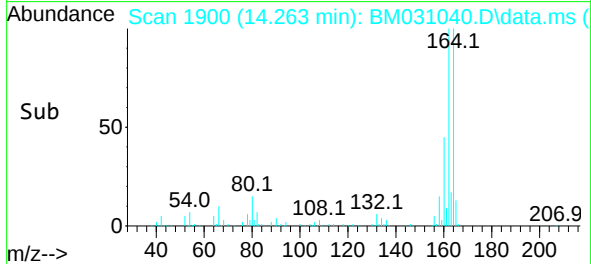


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

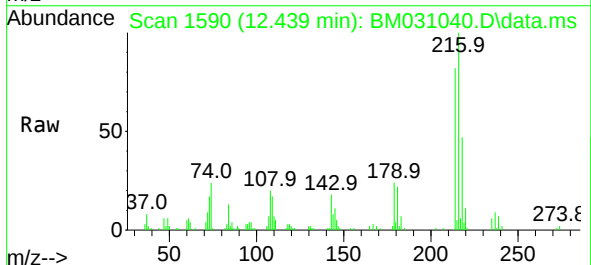
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



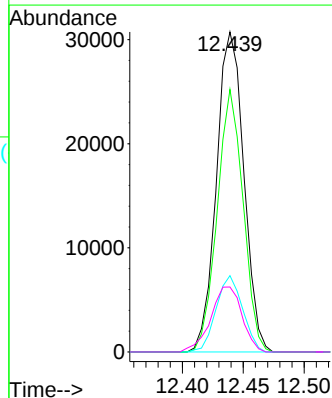
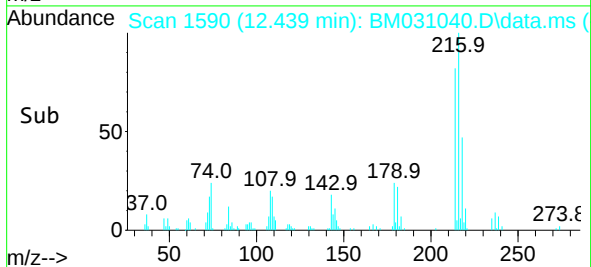
Tgt Ion:164 Resp: 179934
Ion Ratio Lower Upper
164 100
162 100.1 83.4 125.0
160 44.8 37.2 55.8

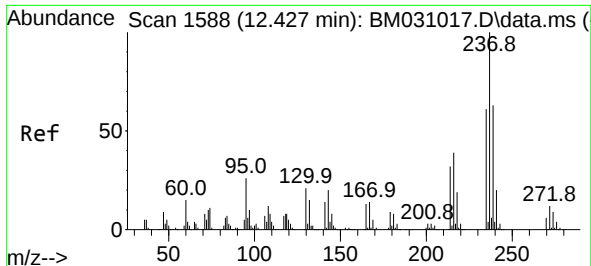


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.591 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57



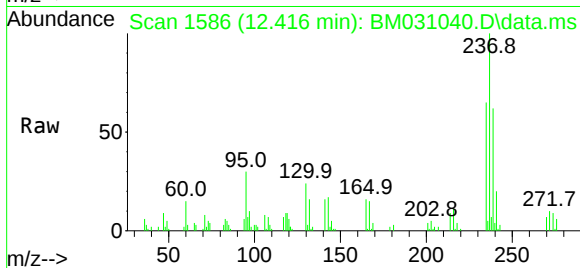
Tgt Ion:216 Resp: 48083
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 23.0 17.6 26.4
108 23.2 14.9 22.3#



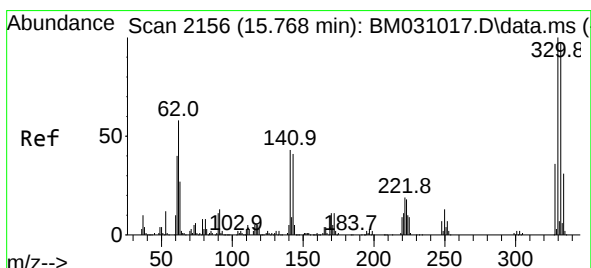
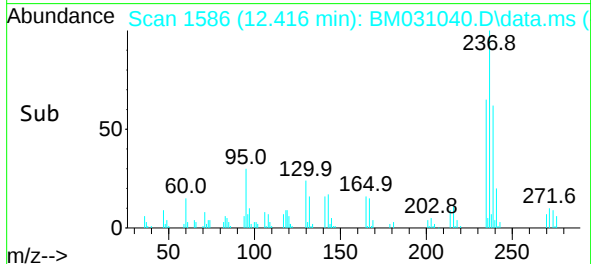
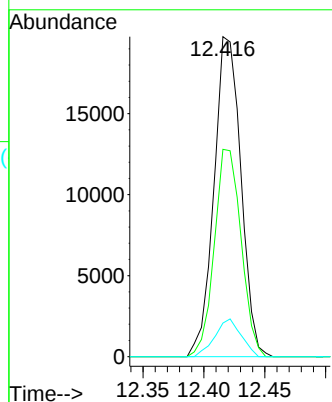


#41
Hexachlorocyclopentadiene
Concen: 10.909 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

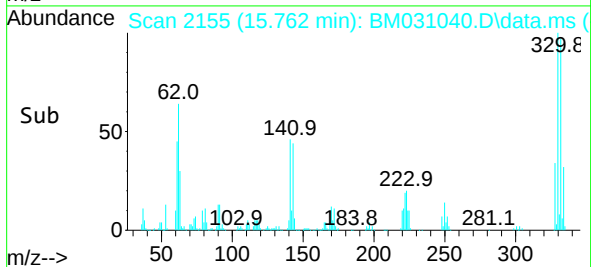
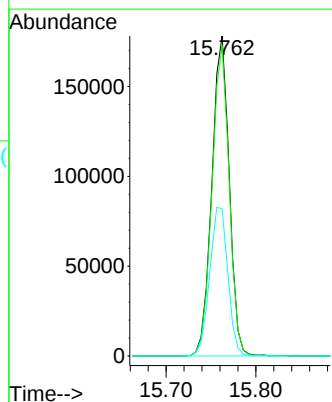
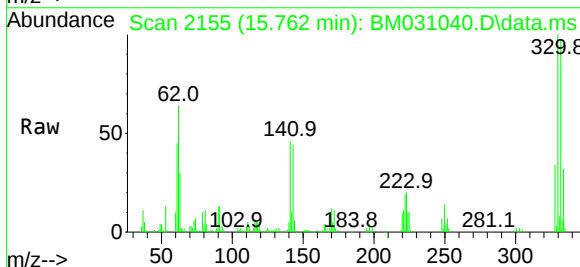


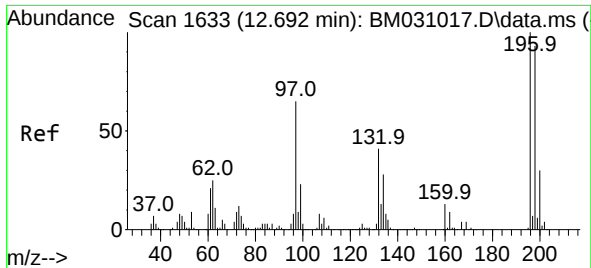
Tgt Ion:	237	Resp:	30424
Ion Ratio	Lower	Upper	
237	100		
235	64.8	42.4	82.4
272	10.5	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 101.809 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:	330	Resp:	239213
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.0	115.4
141	48.8	30.2	45.2#

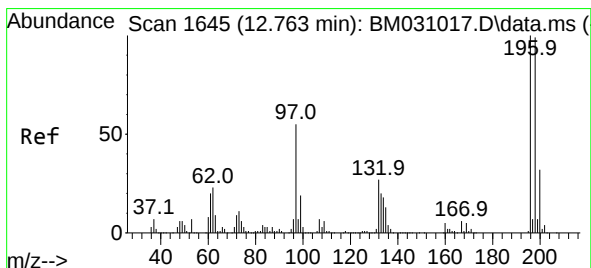
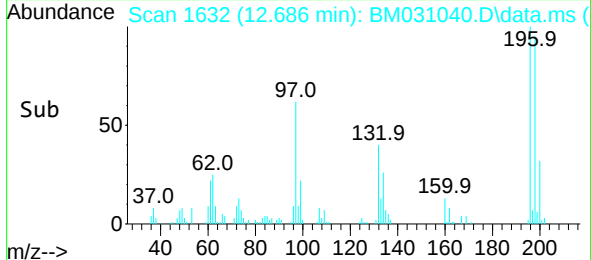
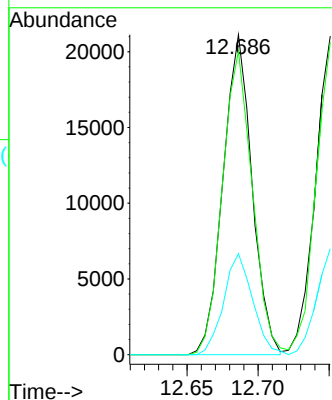
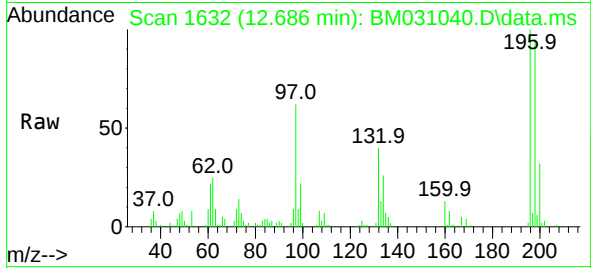




#43
2,4,6-Trichlorophenol
Concen: 8.515 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

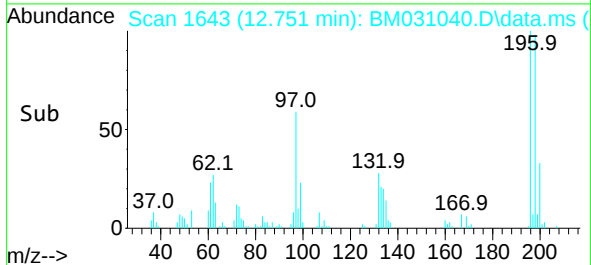
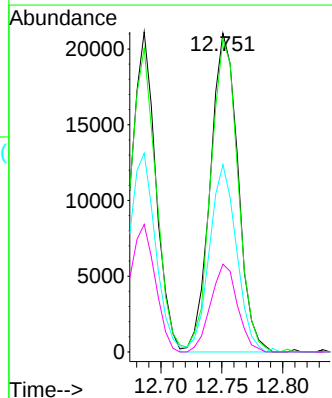
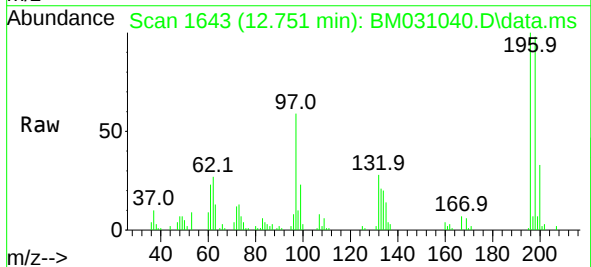
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

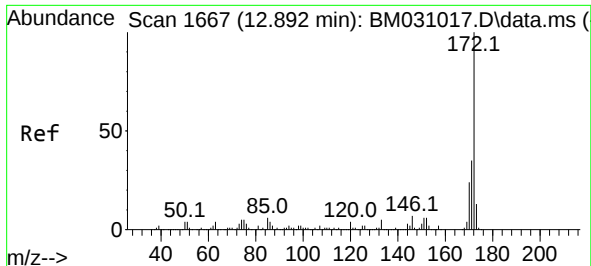
Tgt Ion:196 Resp: 29985
Ion Ratio Lower Upper
196 100
198 94.9 77.6 116.4
200 31.6 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 8.514 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

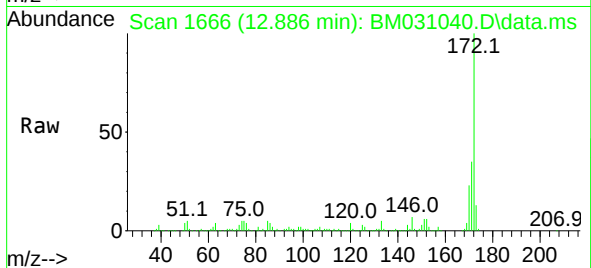
Tgt Ion:196 Resp: 33196
Ion Ratio Lower Upper
196 100
198 98.1 77.0 115.4
97 58.8 36.6 55.0#
132 27.6 18.2 27.2#



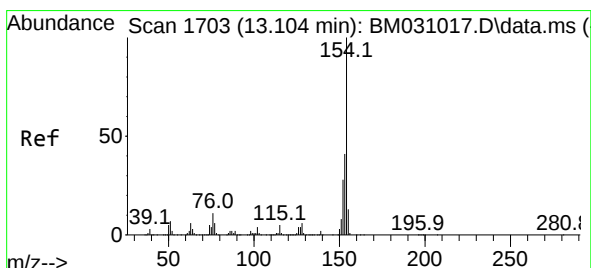
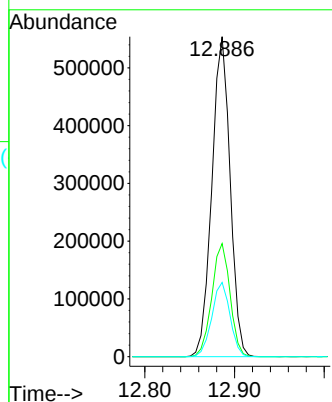
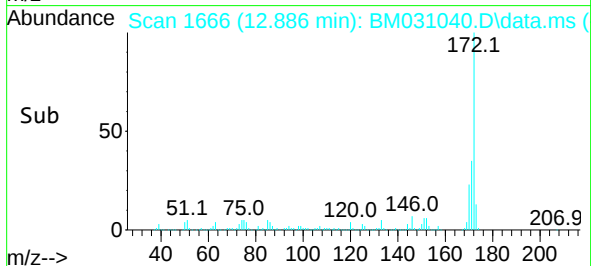


#45
2-Fluorobiphenyl
Concen: 64.788 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

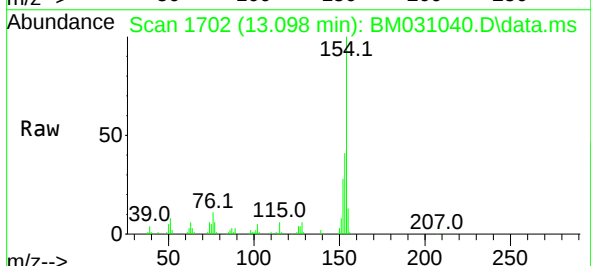
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



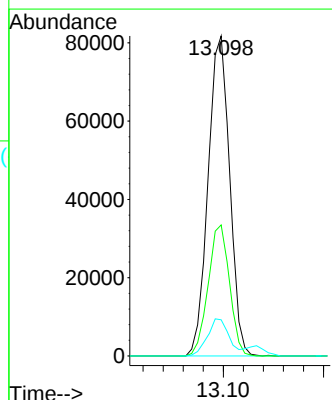
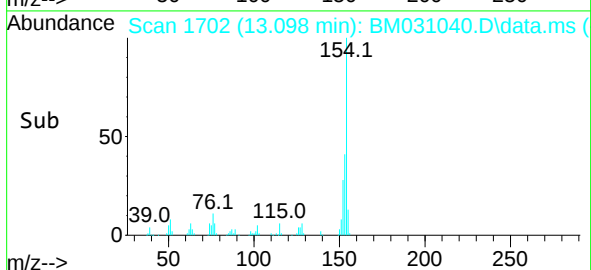
Tgt Ion:172 Resp: 781310
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.2 18.4 27.6

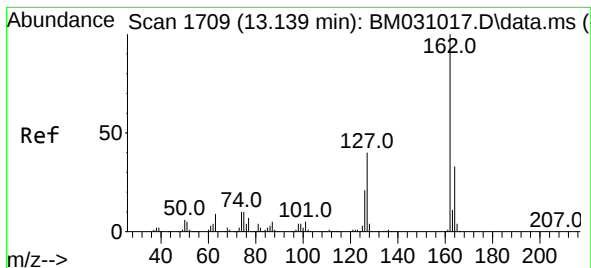


#46
1,1'-Biphenyl
Concen: 9.586 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57



Tgt Ion:154 Resp: 122309
Ion Ratio Lower Upper
154 100
153 41.0 20.7 60.7
76 11.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 9.292 ng

RT: 13.133 min Scan# 1708

Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

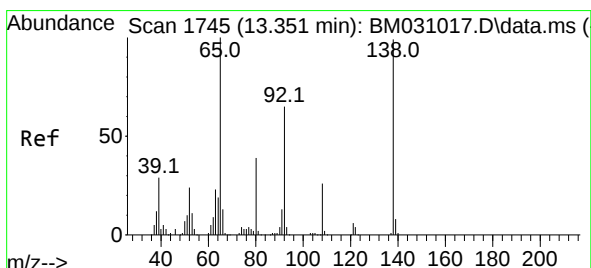
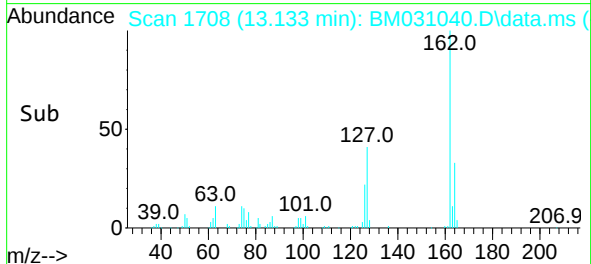
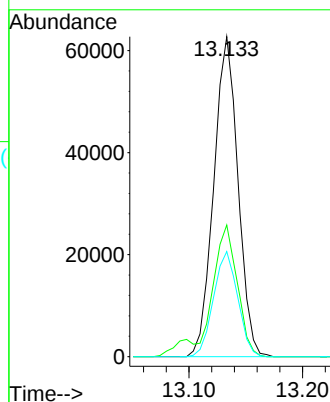
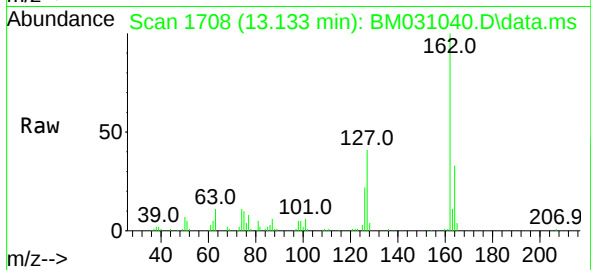
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:	162	Resp:	92861
Ion Ratio	Lower	Upper	
162	100		
127	41.1	27.1	40.7#
164	32.8	26.1	39.1



#48

2-Nitroaniline

Concen: 8.791 ng

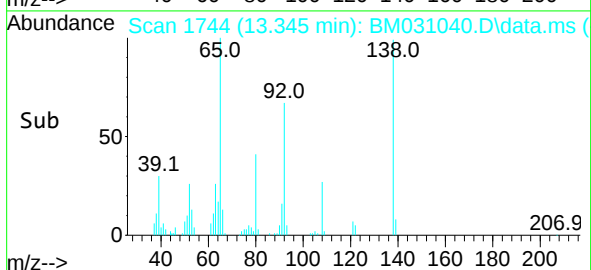
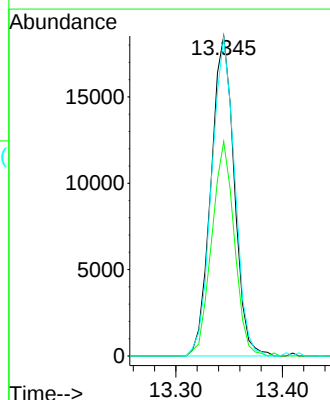
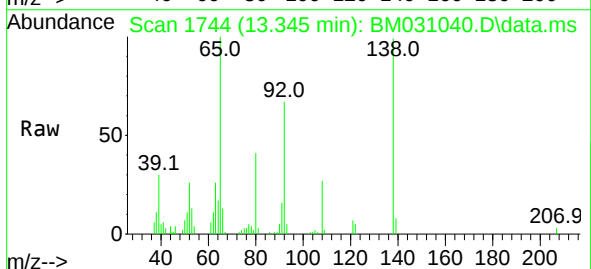
RT: 13.345 min Scan# 1744

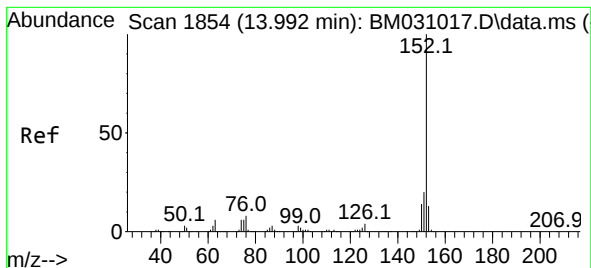
Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

Tgt Ion:	65	Resp:	27996
Ion Ratio	Lower	Upper	
65	100		
92	67.0	55.5	83.3
138	99.5	85.7	128.5





#49

Acenaphthylene

Concen: 9.145 ng

RT: 13.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

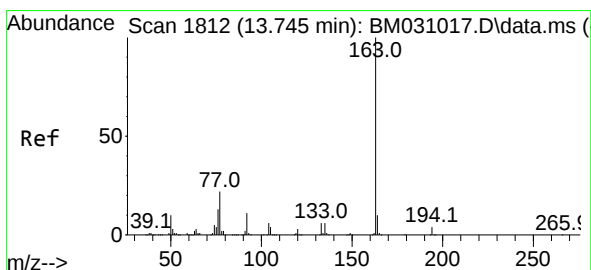
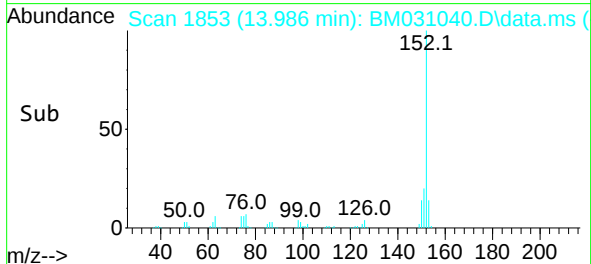
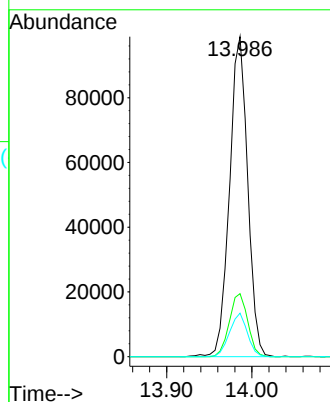
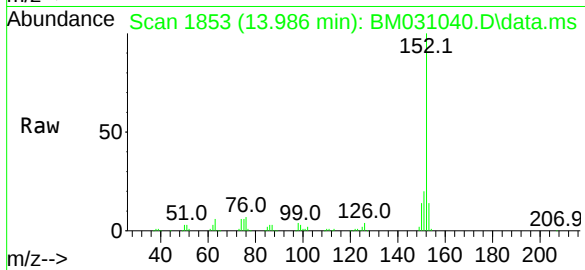
Tgt Ion:152 Resp: 146083

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

153 13.6 10.2 15.4



#50

Dimethylphthalate

Concen: 9.201 ng

RT: 13.733 min Scan# 1810

Delta R.T. -0.012 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

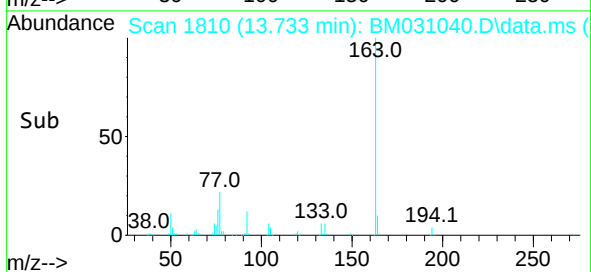
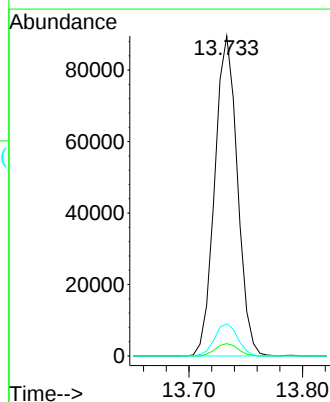
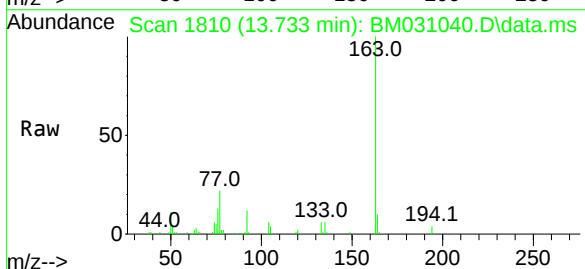
Tgt Ion:163 Resp: 124179

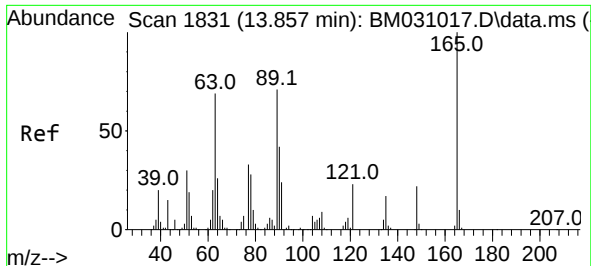
Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

164 10.0 7.9 11.9

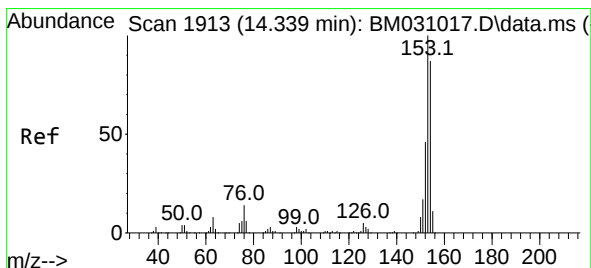
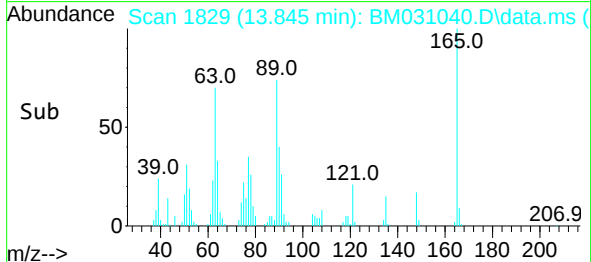
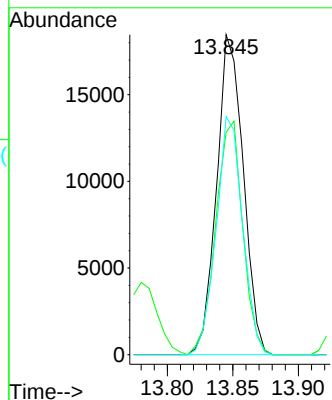
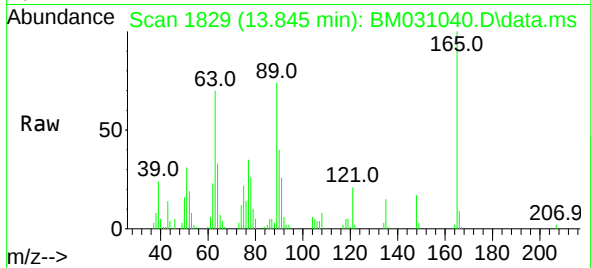




#51
2,6-Dinitrotoluene
Concen: 8.615 ng
RT: 13.845 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

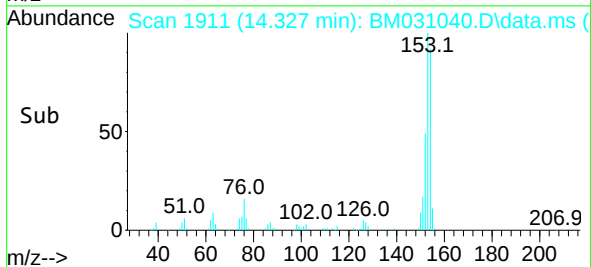
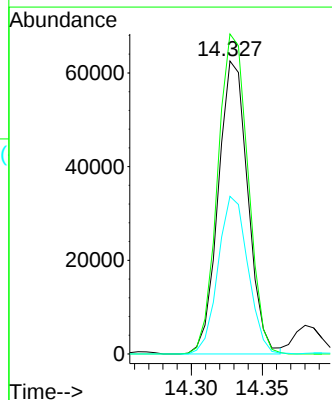
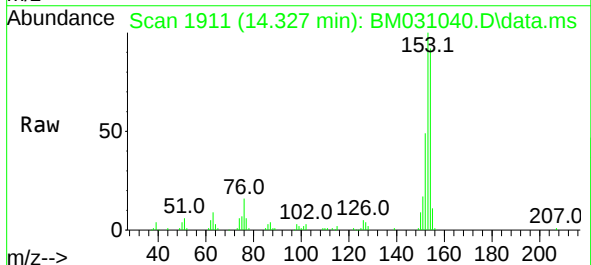
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

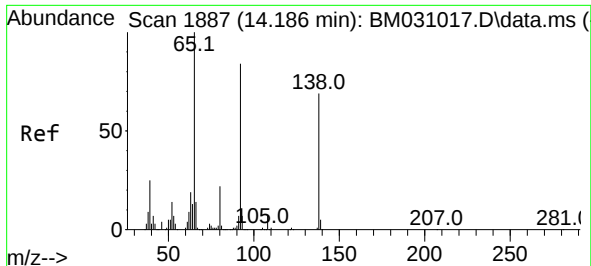
Tgt Ion:165	Resp:	26045
Ion Ratio	Lower	Upper
165	100	
63	69.5	45.3 67.9#
89	74.4	46.3 69.5#



#52
Acenaphthene
Concen: 9.022 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:154	Resp:	90689
Ion Ratio	Lower	Upper
154	100	
153	109.2	92.2 138.2
152	53.8	43.4 65.2

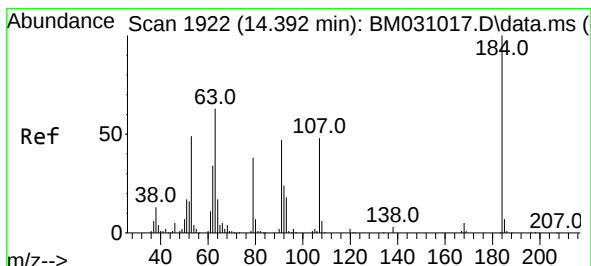
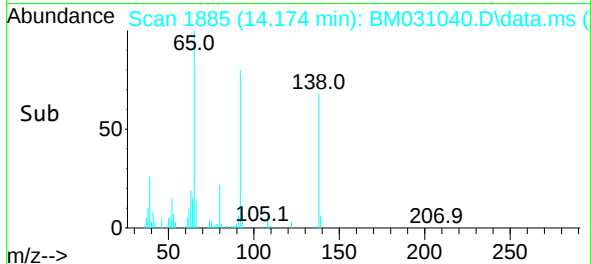
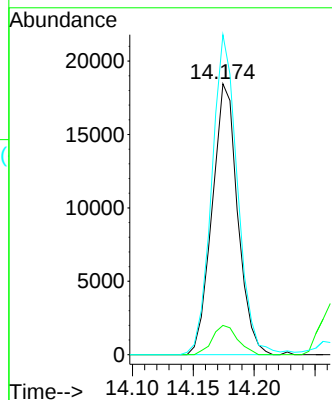
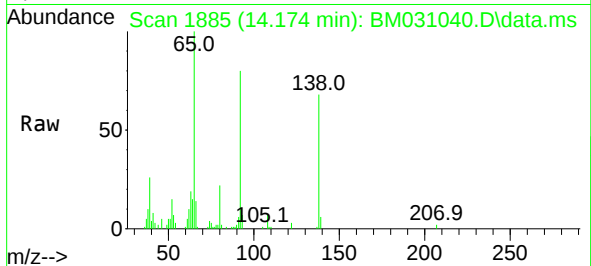




#53
3-Nitroaniline
Concen: 8.815 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

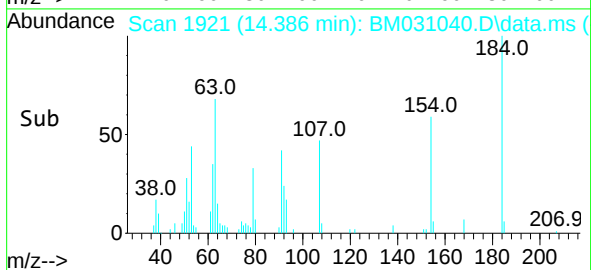
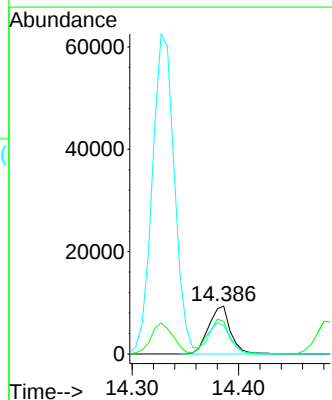
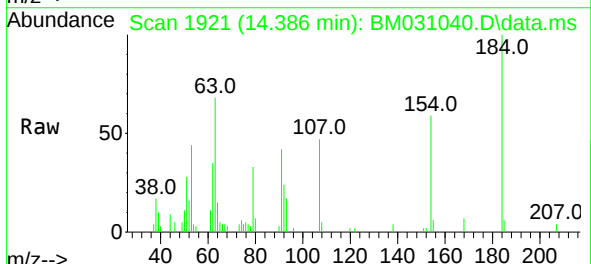
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

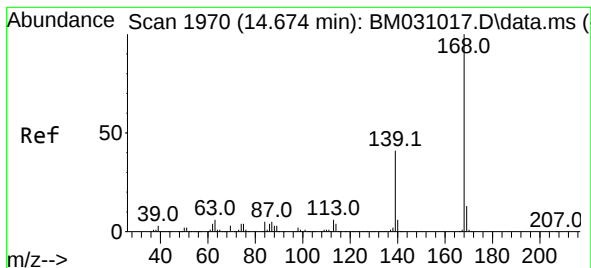
Tgt Ion:138 Resp: 26924
Ion Ratio Lower Upper
138 100
108 10.8 7.7 11.5
92 118.1 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 7.465 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

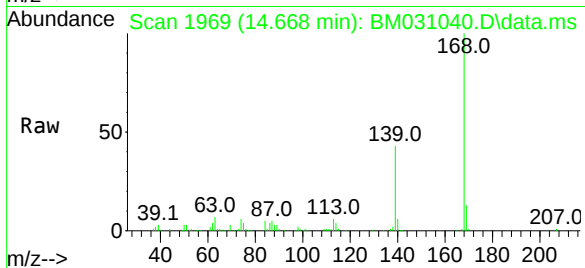
Tgt Ion:184 Resp: 13309
Ion Ratio Lower Upper
184 100
63 68.3 54.2 81.2
154 59.4 56.1 84.1



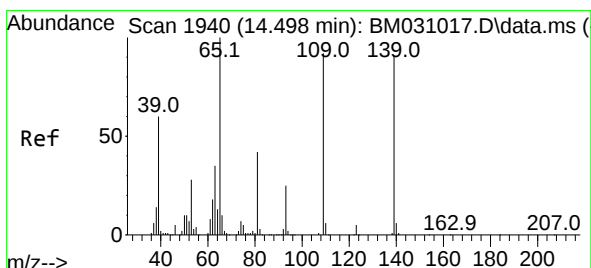
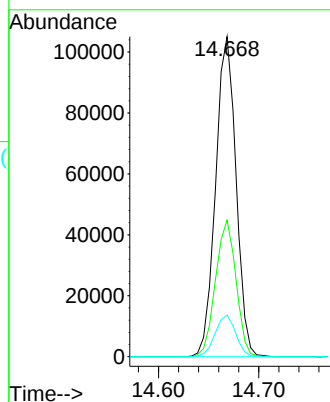
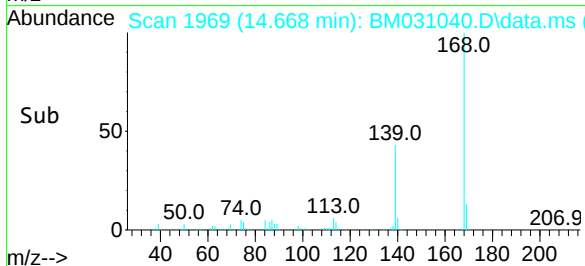


#55
Dibenzofuran
Concen: 9.007 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

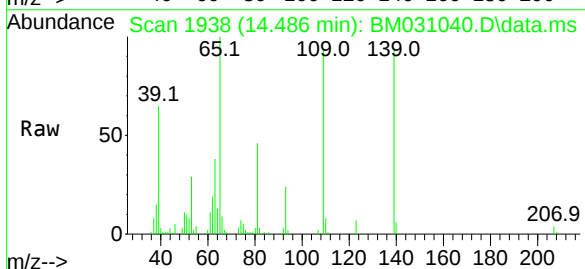
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



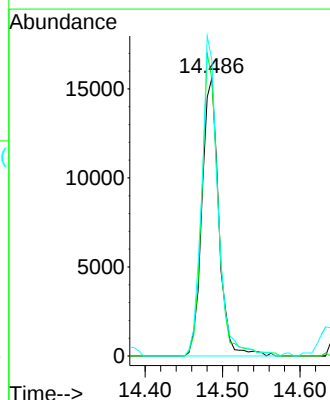
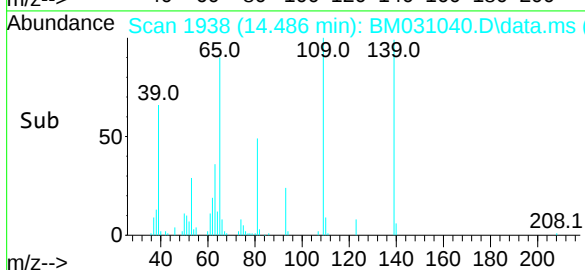
Tgt Ion:168 Resp: 148490
Ion Ratio Lower Upper
168 100
139 42.6 29.4 44.0
169 13.0 10.8 16.2

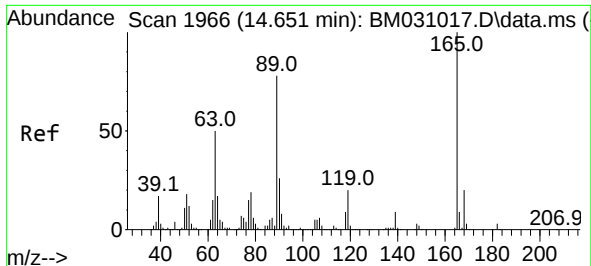


#56
4-Nitrophenol
Concen: 8.707 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57



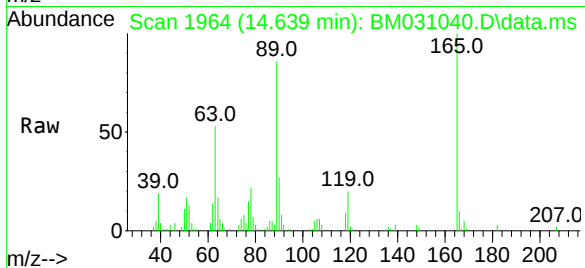
Tgt Ion:139 Resp: 23516
Ion Ratio Lower Upper
139 100
109 99.7 64.5 104.5
65 106.5 78.9 118.9



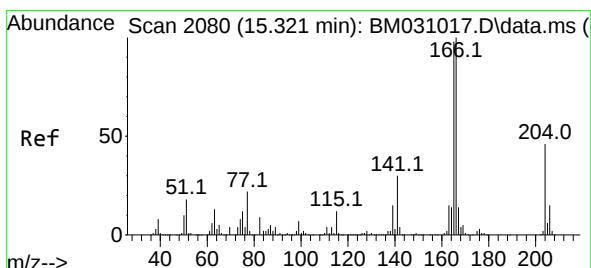
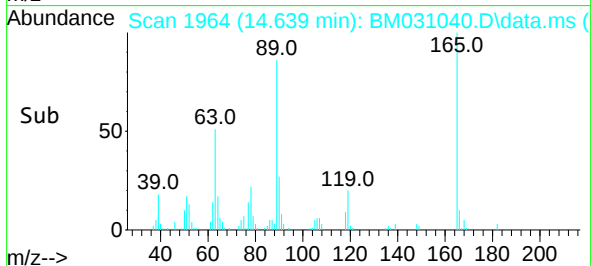
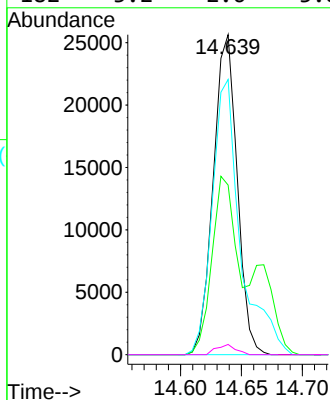


#57
2,4-Dinitrotoluene
Concen: 8.323 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

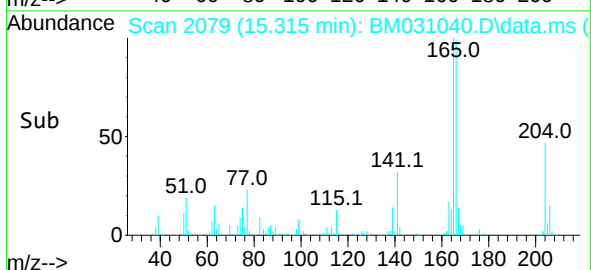
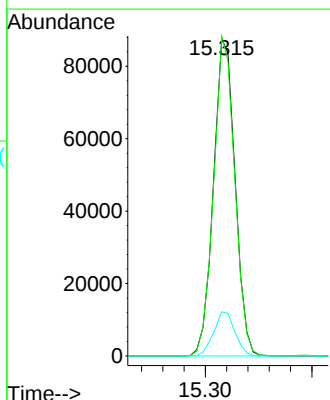
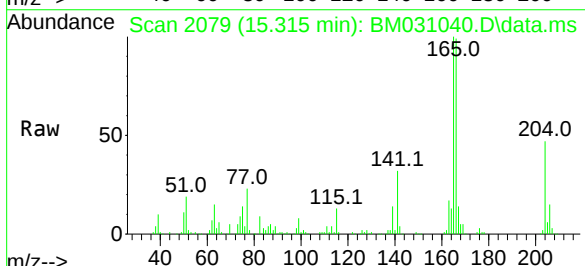


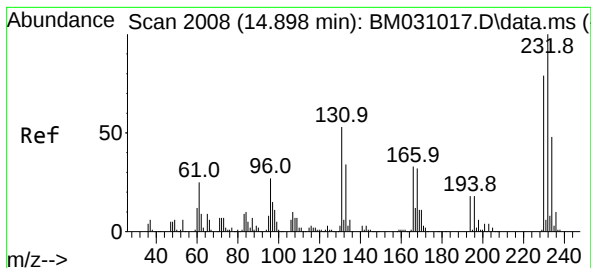
Tgt Ion:	165	Resp:	35036
Ion Ratio	Lower	Upper	
165	100		
63	53.0	35.0	52.4#
89	86.0	55.2	82.8#
182	3.2	2.6	3.8



#58
Fluorene
Concen: 8.843 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:	166	Resp:	122984
Ion Ratio	Lower	Upper	
166	100		
165	100.8	79.0	118.6
167	13.9	10.8	16.2

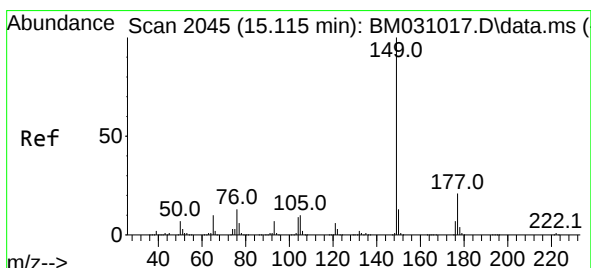
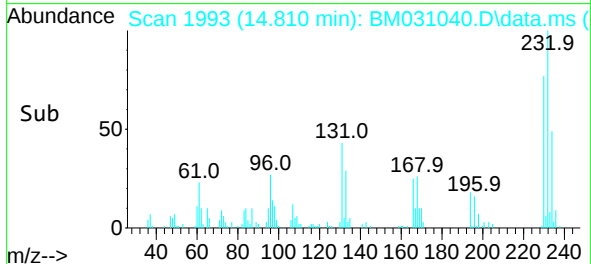
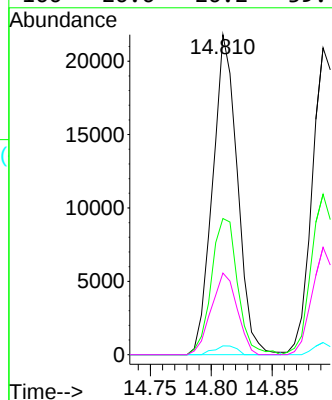
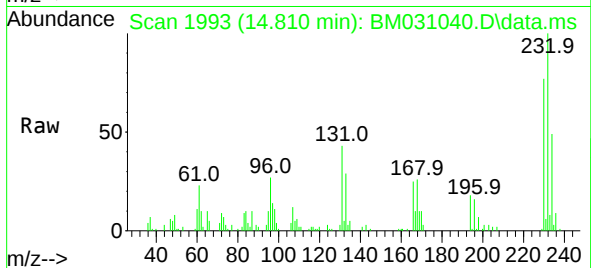




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.506 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.088 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

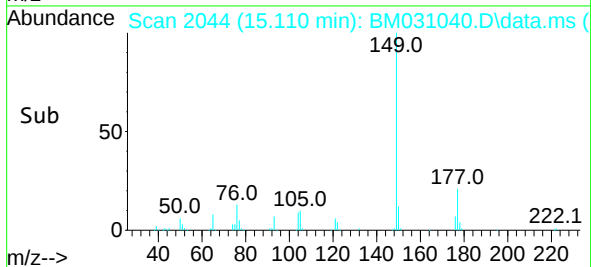
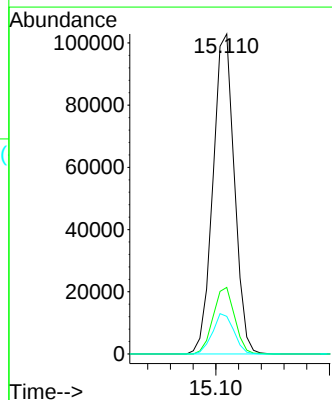
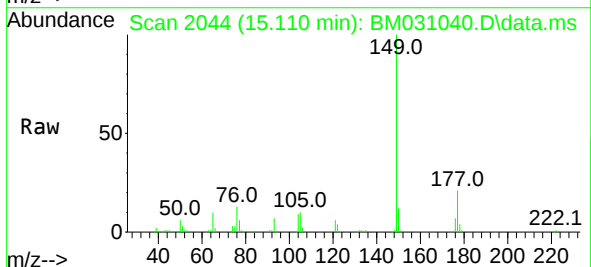
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

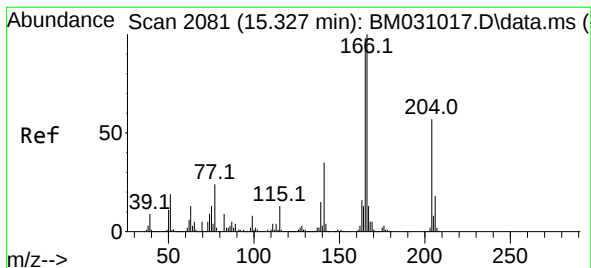
Tgt Ion:232	Resp:	30905
Ion Ratio	Lower	Upper
232	100	
131	45.1	34.4 51.6
130	2.5	2.2 3.2
166	26.6	26.2 39.4



#60
Diethylphthalate
Concen: 9.296 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:149	Resp:	134506
Ion Ratio	Lower	Upper
149	100	
177	20.8	17.9 26.9
150	11.7	10.3 15.5

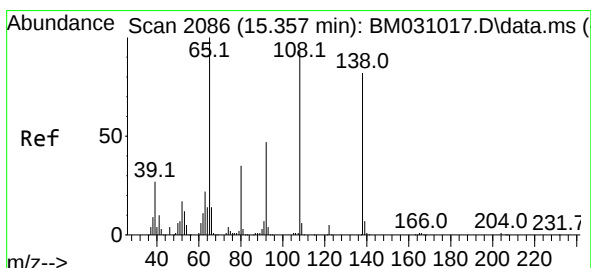
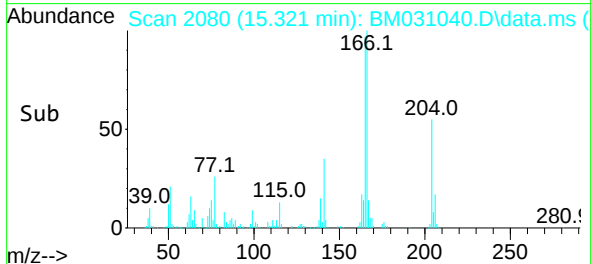
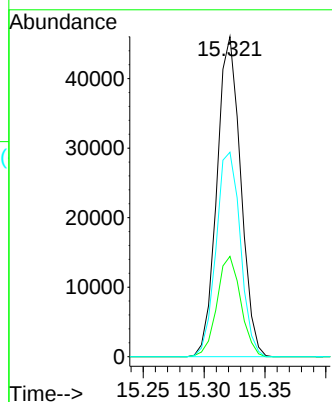
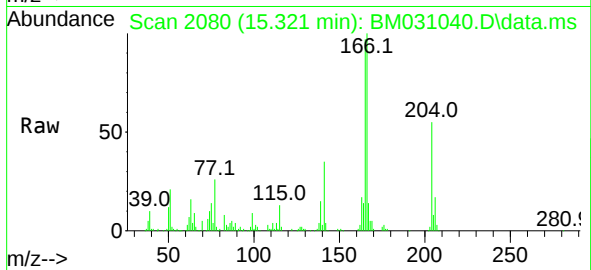




#61
4-Chlorophenyl-phenylether
Concen: 9.095 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

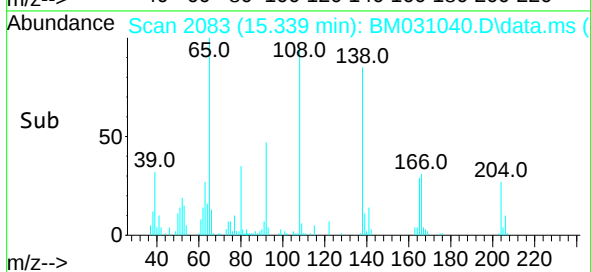
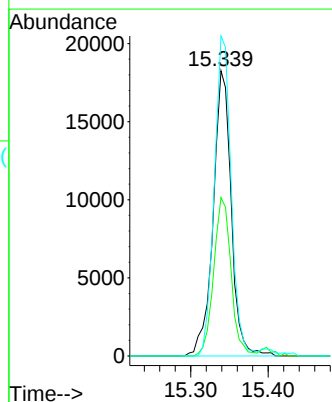
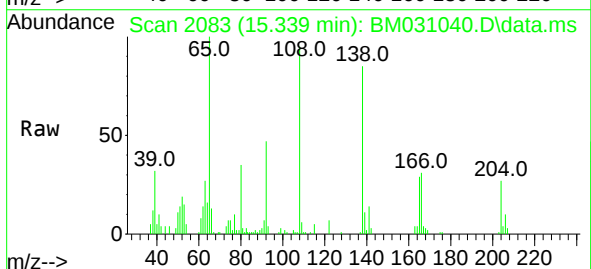
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

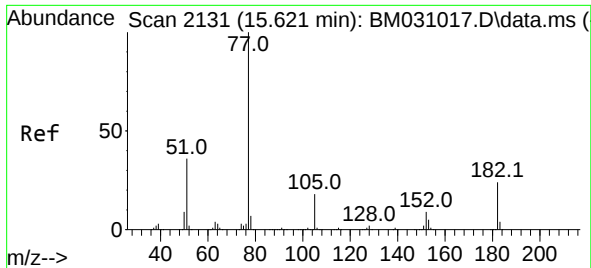
Tgt Ion:204 Resp: 62635
Ion Ratio Lower Upper
204 100
206 31.4 25.5 38.3
141 63.9 40.3 60.5#



#62
4-Nitroaniline
Concen: 8.793 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:138 Resp: 29624
Ion Ratio Lower Upper
138 100
92 55.5 33.4 73.4
108 112.2 75.5 115.5

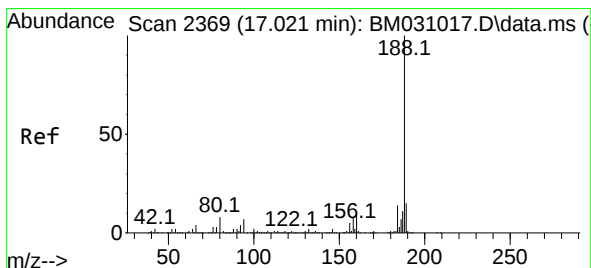
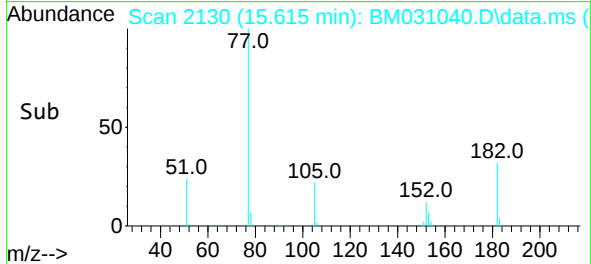
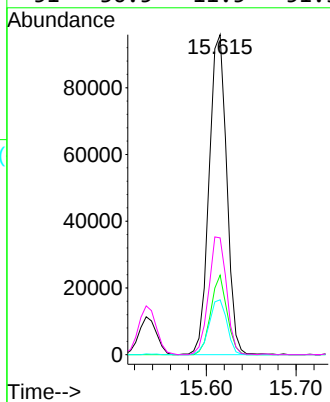
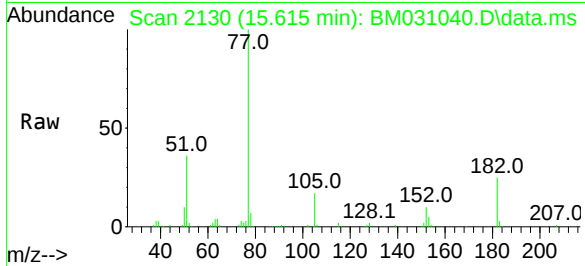




#63
Azobenzene
Concen: 9.059 ng
RT: 15.615 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

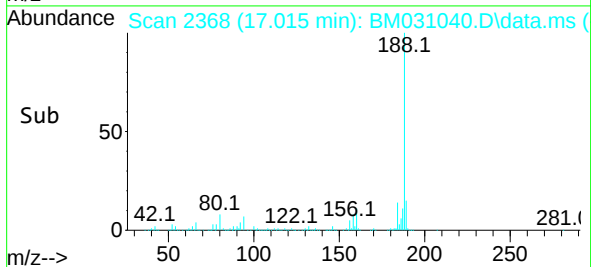
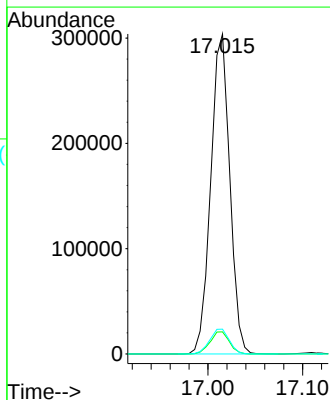
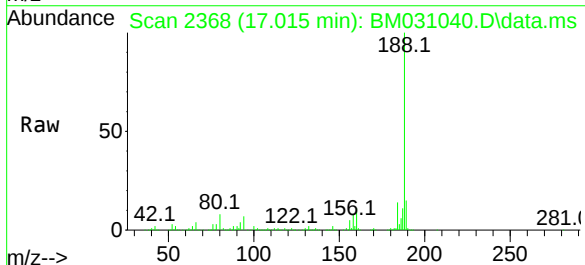
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

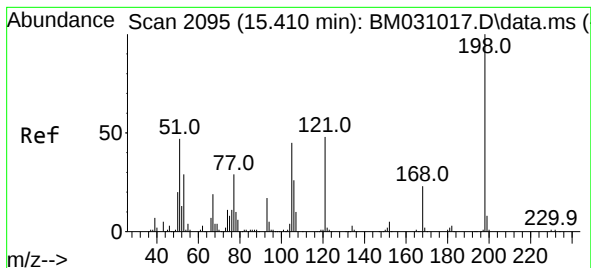
Tgt Ion: 77	Resp: 130466
Ion Ratio	Lower Upper
77 100	
182 24.9	6.8 46.8
105 17.2	0.0 36.6
51 36.5	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion: 188	Resp: 422606
Ion Ratio	Lower Upper
188 100	
94 6.9	6.0 9.0
80 7.8	6.6 9.8

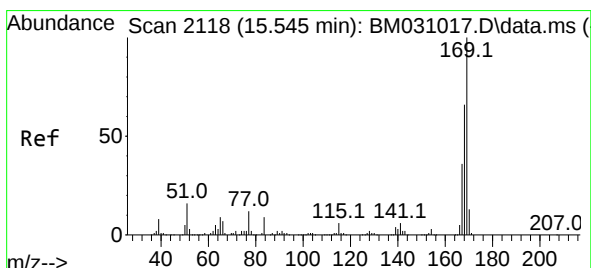
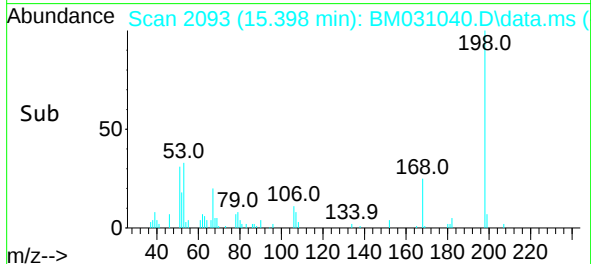
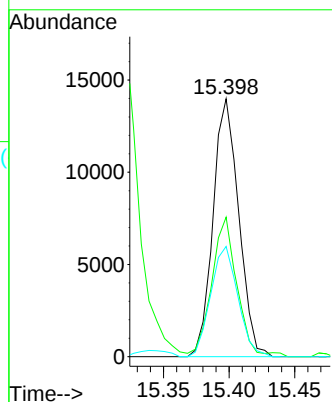
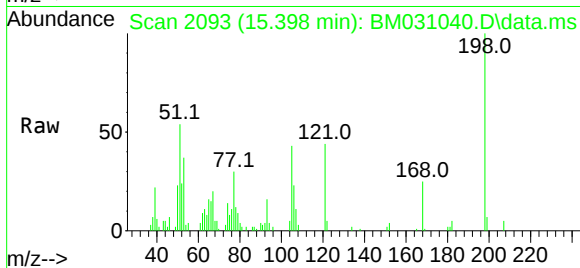




#65
4,6-Dinitro-2-methylphenol
Concen: 7.174 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

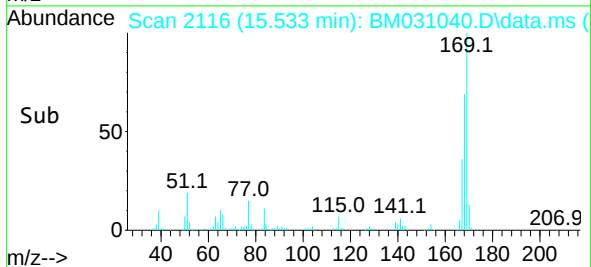
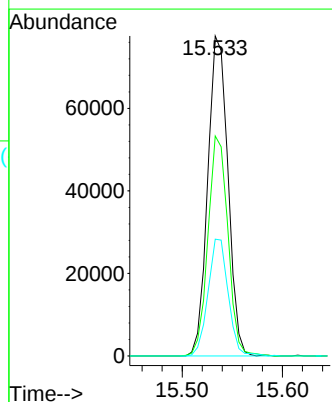
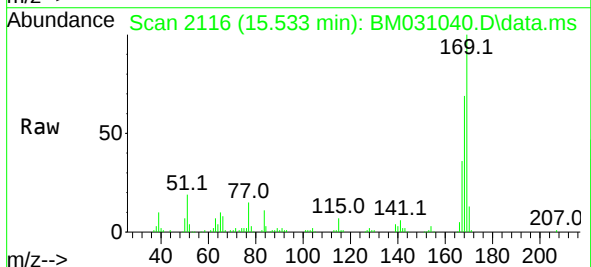
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

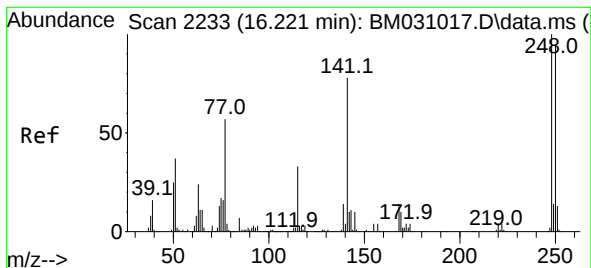
Tgt Ion:198 Resp: 19014
Ion Ratio Lower Upper
198 100
51 54.1 18.9 58.9
105 42.7 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 8.746 ng
RT: 15.533 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:169 Resp: 108637
Ion Ratio Lower Upper
169 100
168 68.8 54.2 81.2
167 36.5 29.0 43.6

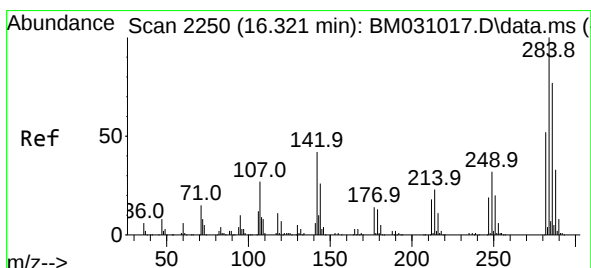
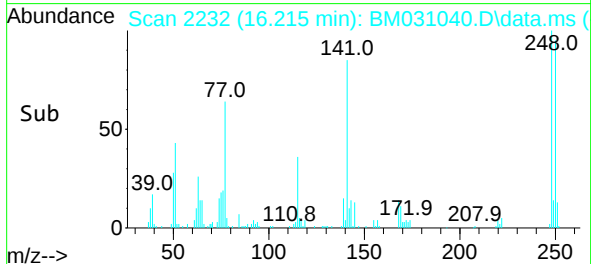
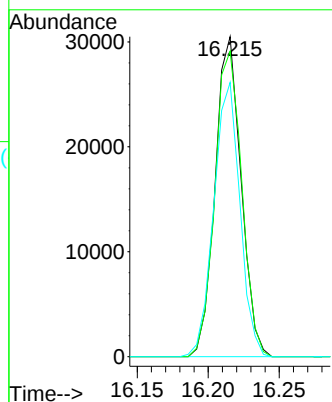
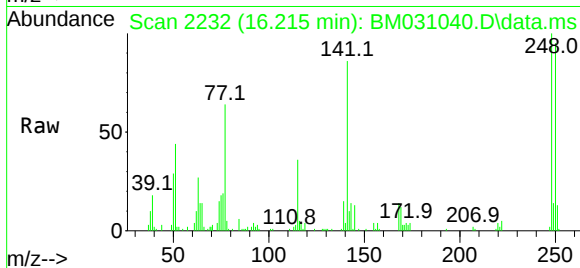




#67
4-Bromophenyl-phenylether
Concen: 8.848 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

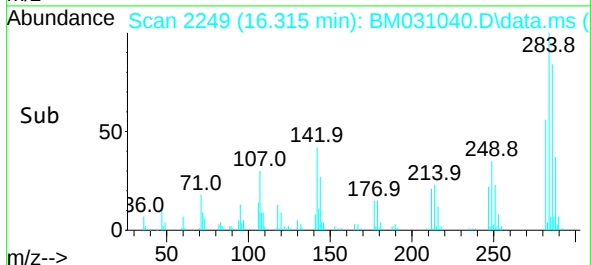
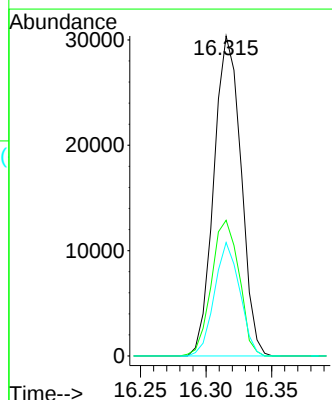
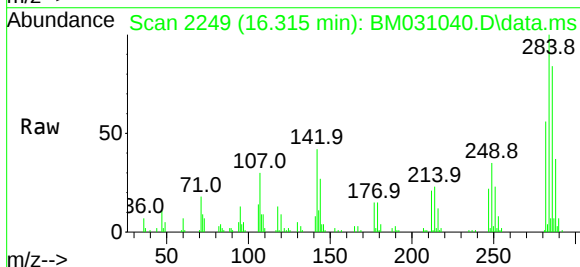
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

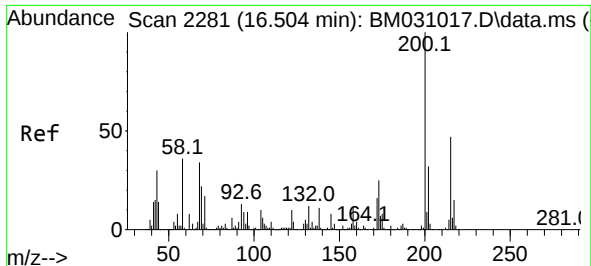
Tgt Ion:248 Resp: 38688
Ion Ratio Lower Upper
248 100
250 95.5 77.9 116.9
141 85.7 56.2 84.2#



#68
Hexachlorobenzene
Concen: 8.875 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:284 Resp: 43729
Ion Ratio Lower Upper
284 100
142 42.4 29.0 43.4
249 35.5 26.0 39.0

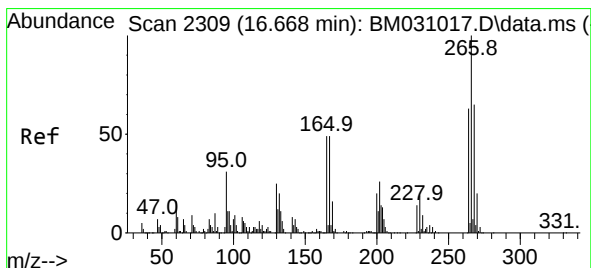
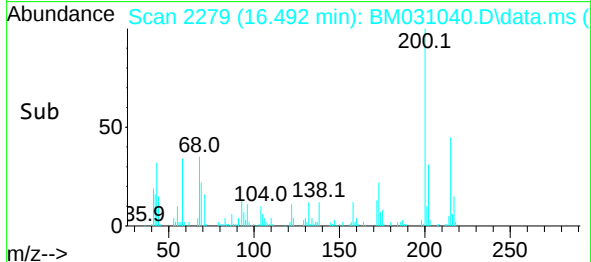
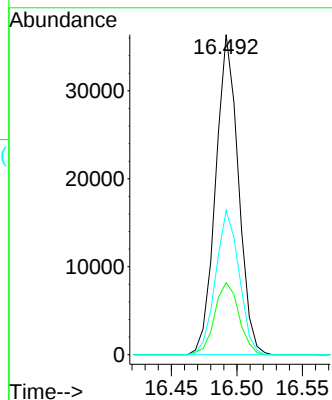
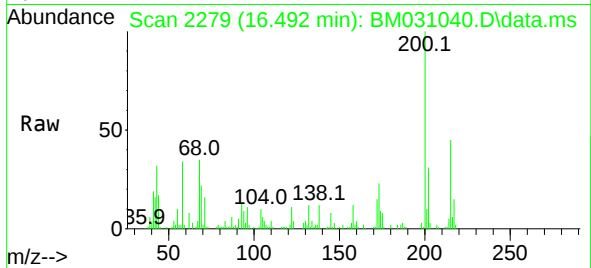




#69
Atrazine
Concen: 9.591 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

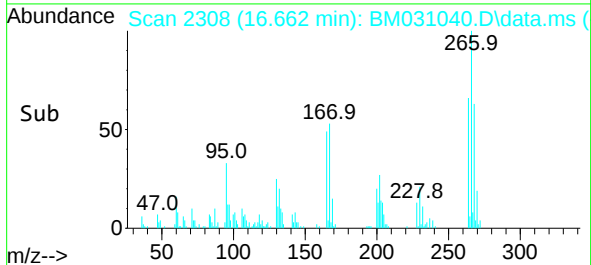
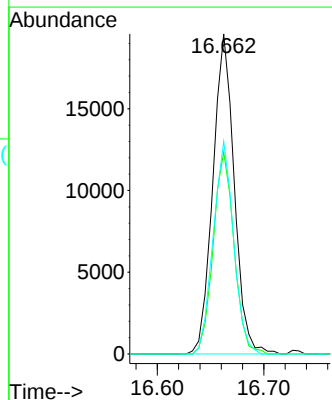
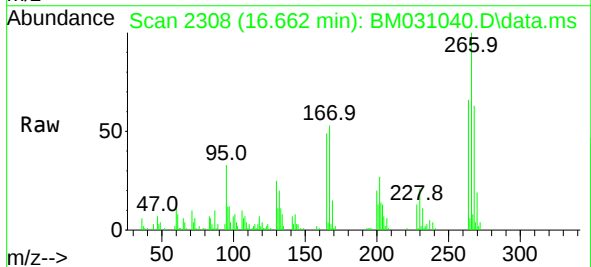
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

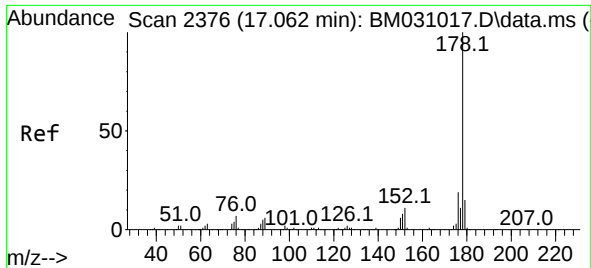
Tgt Ion:200 Resp: 43737
Ion Ratio Lower Upper
200 100
173 22.5 3.8 43.8
215 45.1 24.8 64.8



#70
Pentachlorophenol
Concen: 8.480 ng
RT: 16.662 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:266 Resp: 27318
Ion Ratio Lower Upper
266 100
268 63.1 52.8 79.2
264 66.4 51.9 77.9

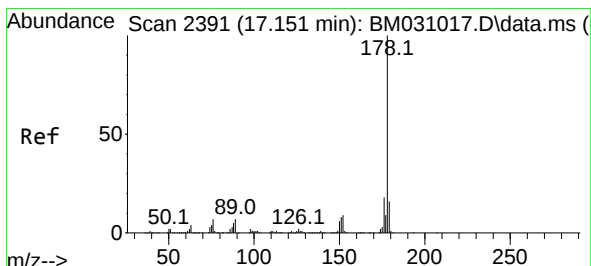
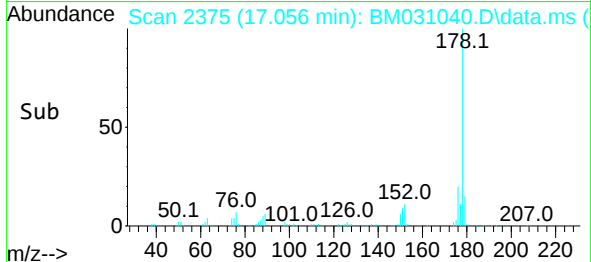
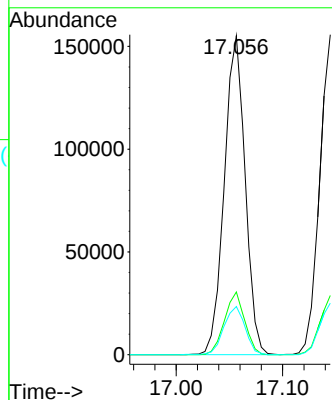
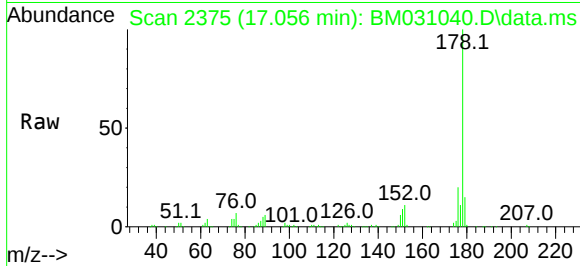




#71
Phenanthrene
Concen: 8.993 ng
RT: 17.056 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

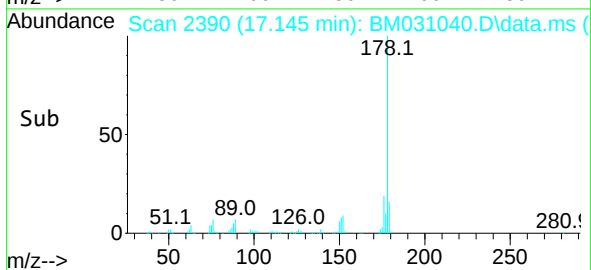
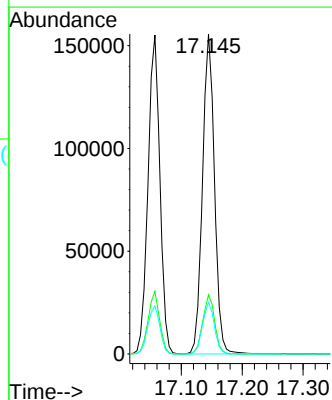
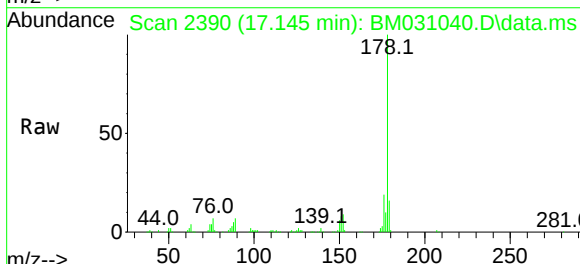
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

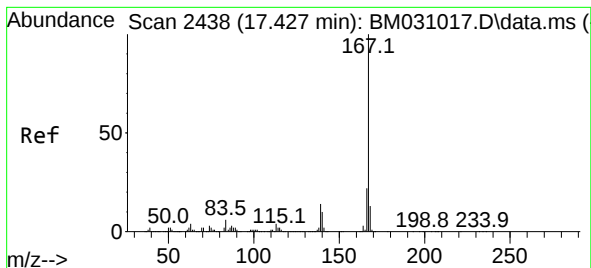
Tgt Ion:178 Resp: 210462
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.1 12.2 18.4



#72
Anthracene
Concen: 9.250 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:178 Resp: 213456
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 16.1 12.5 18.7





#73

Carbazole

Concen: 8.872 ng

RT: 17.421 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

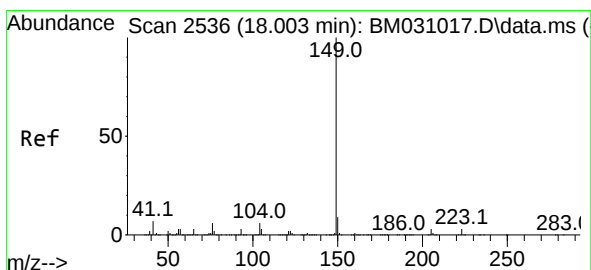
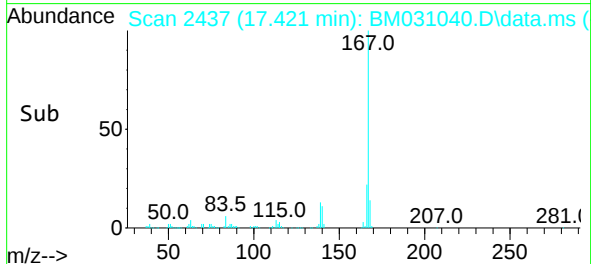
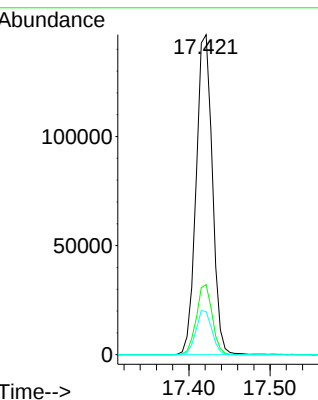
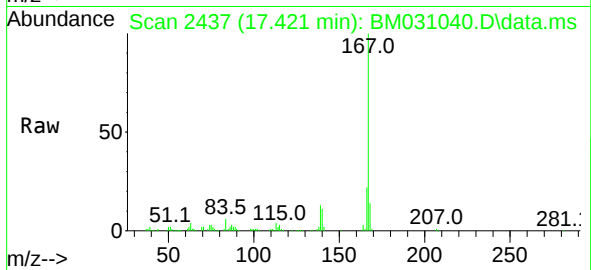
Tgt Ion:167 Resp: 202675

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.5 9.8 14.6



#74

Di-n-butylphthalate

Concen: 8.821 ng

RT: 17.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

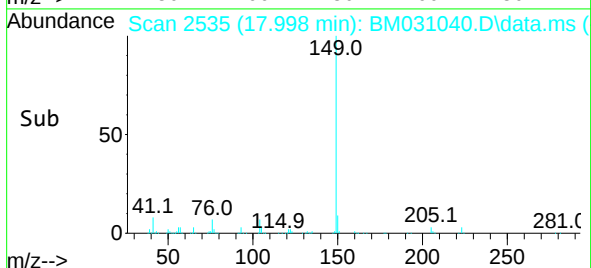
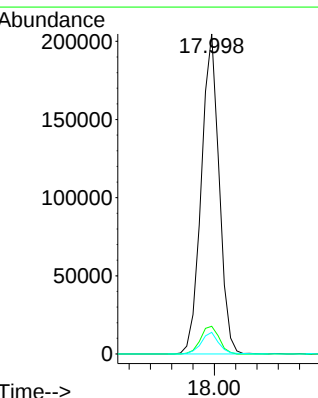
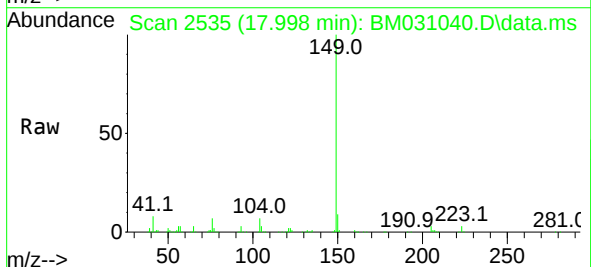
Tgt Ion:149 Resp: 236709

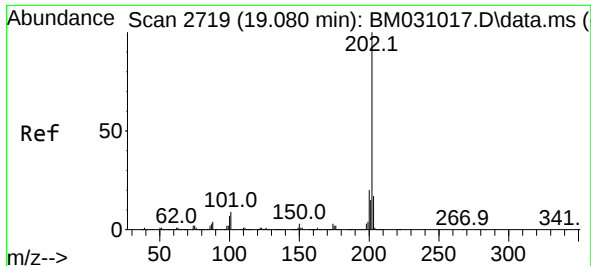
Ion Ratio Lower Upper

149 100

150 8.6 7.2 10.8

104 6.7 4.3 6.5#

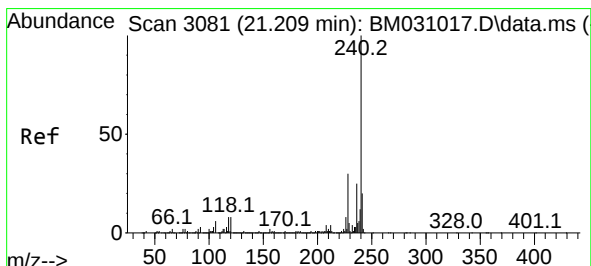
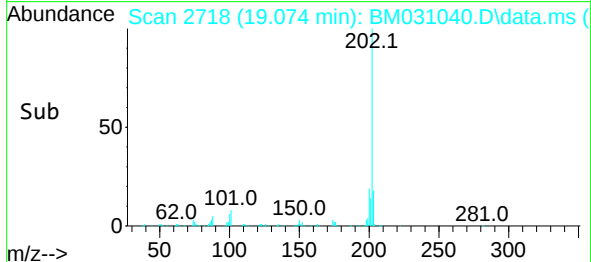
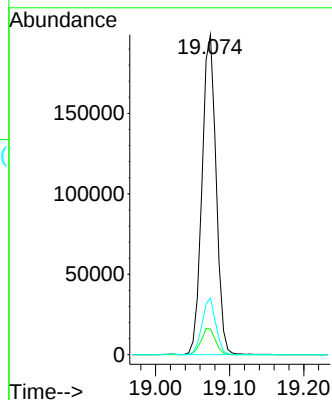
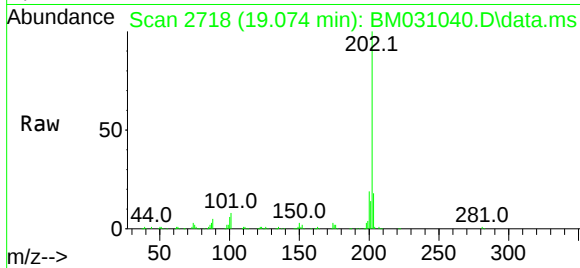




#75
Fluoranthene
Concen: 8.963 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

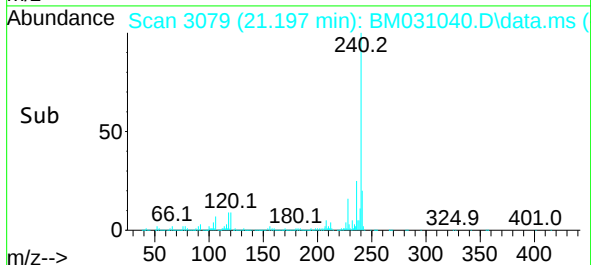
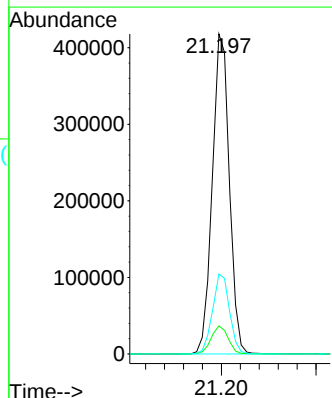
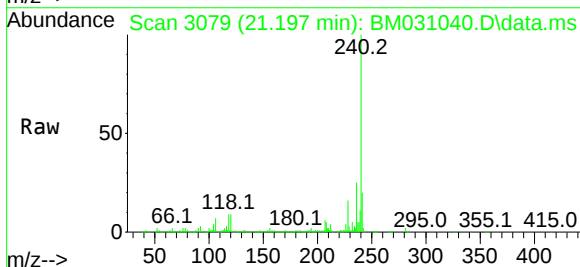
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

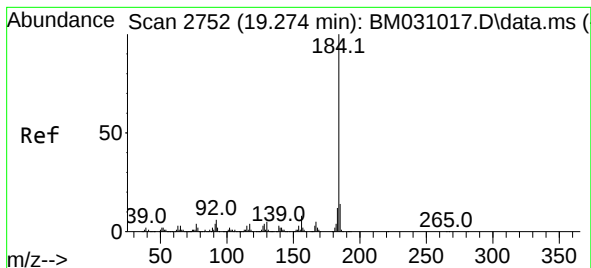
Tgt Ion:202 Resp: 262495
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.8 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.197 min Scan# 3079
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:240 Resp: 521702
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.0 21.0 31.4





#77

Benzidine

Concen: 11.567 ng

RT: 19.268 min Scan# 2751

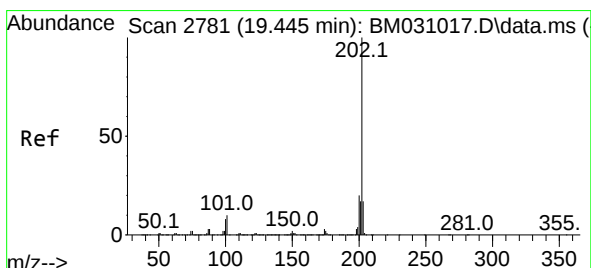
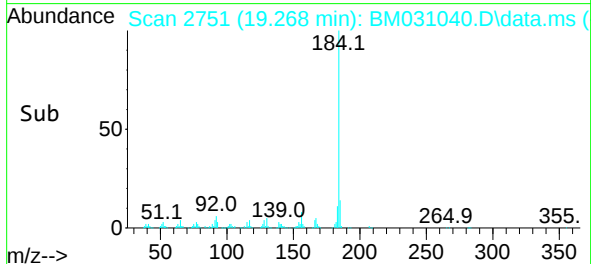
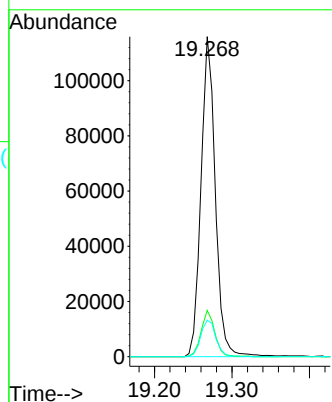
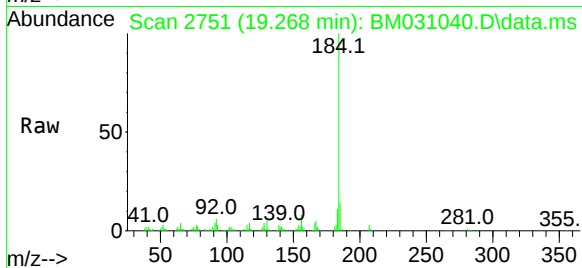
Delta R.T. -0.006 min

Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

Tgt Ion:184 Resp: 148983

Ion	Ratio	Lower	Upper
184	100		
185	14.4	10.9	16.3
183	11.4	9.8	14.8



#78

Pyrene

Concen: 8.612 ng

RT: 19.439 min Scan# 2780

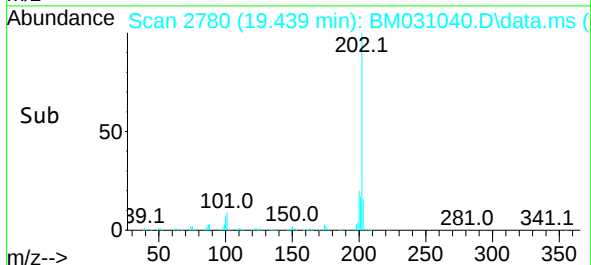
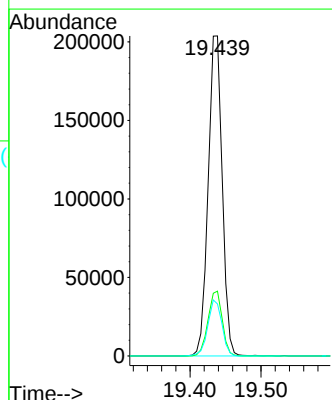
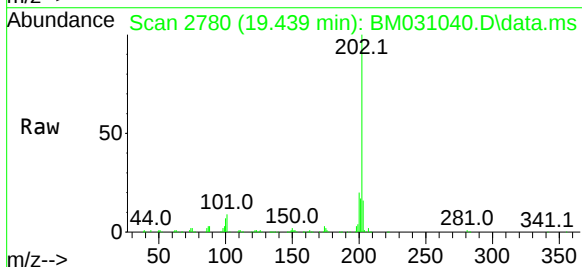
Delta R.T. -0.006 min

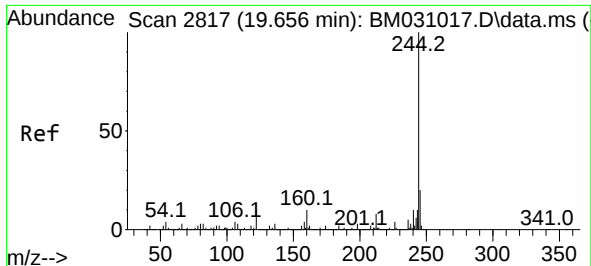
Lab File: BM031040.D

Acq: 21 Jul 2021 11:57

Tgt Ion:202 Resp: 280554

Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.3	25.9
203	16.3	13.9	20.9



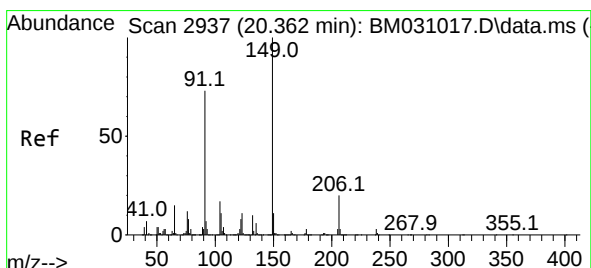
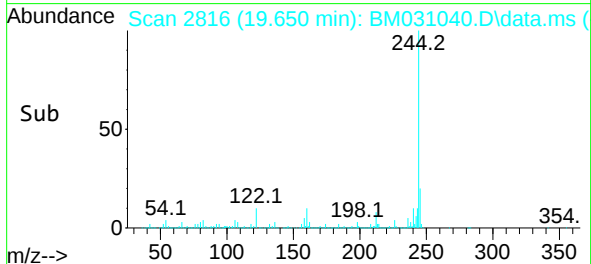
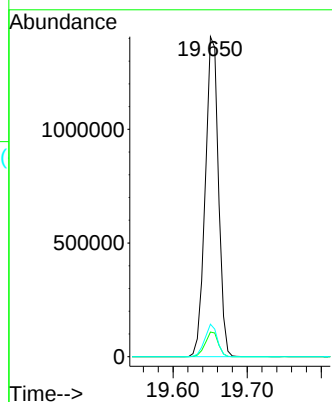
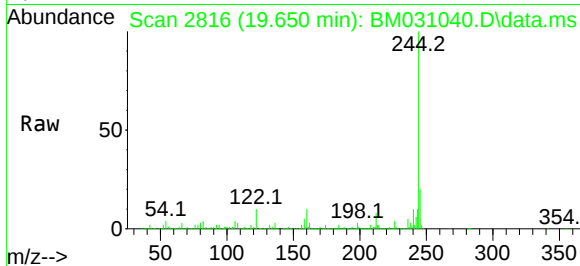


#79
 Terphenyl-d14
 Concen: 65.974 ng
 RT: 19.650 min Scan# 2816
 Delta R.T. -0.006 min
 Lab File: BM031040.D
 Acq: 21 Jul 2021 11:57

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Tgt Ion:244 Resp: 1739611

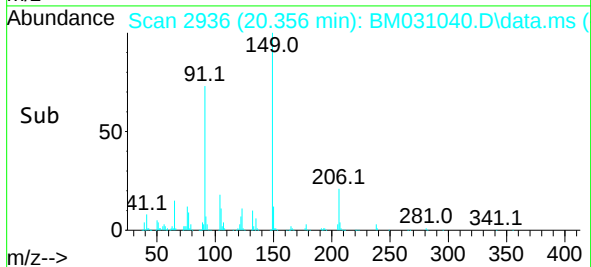
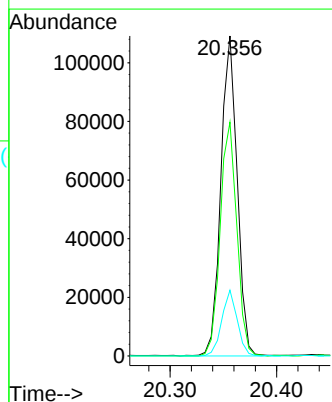
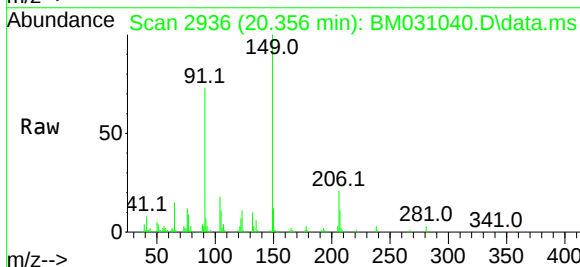
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	10.1	6.9	10.3

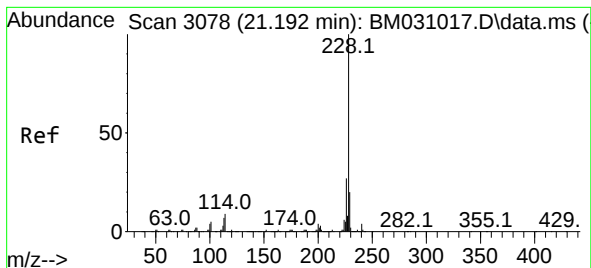


#80
 Butylbenzylphthalate
 Concen: 8.345 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031040.D
 Acq: 21 Jul 2021 11:57

Tgt Ion:149 Resp: 116074

Ion	Ratio	Lower	Upper
149	100		
91	73.0	57.4	86.0
206	20.6	16.6	25.0

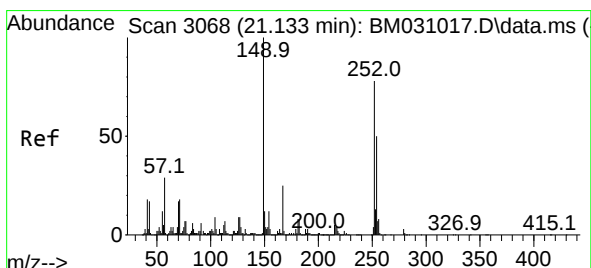
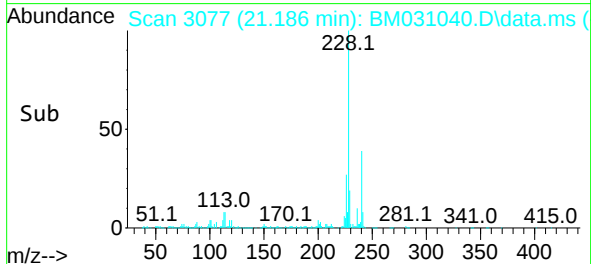
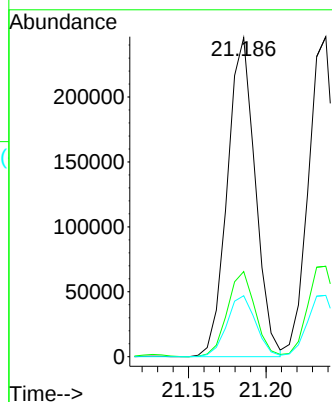
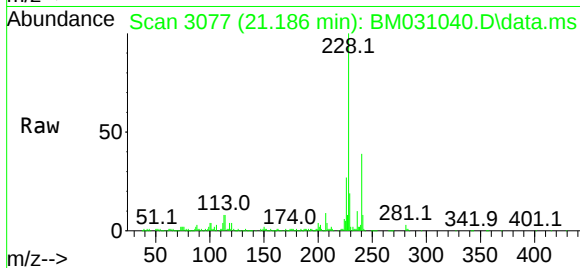




#81
Benzo(a)anthracene
Concen: 8.899 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

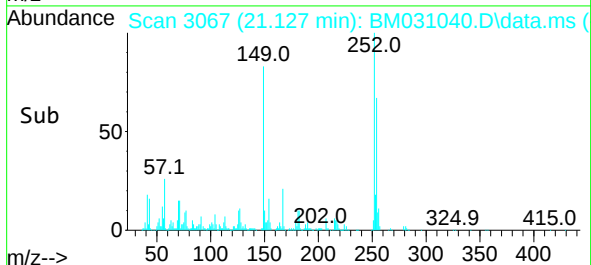
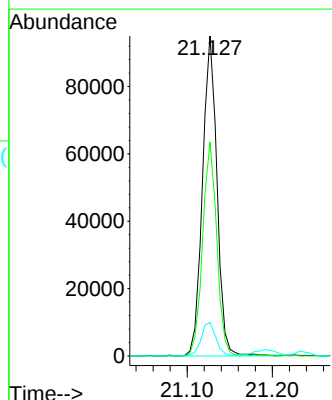
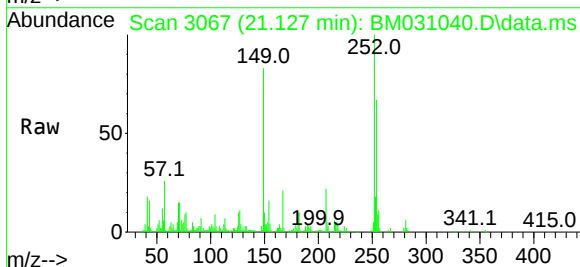
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

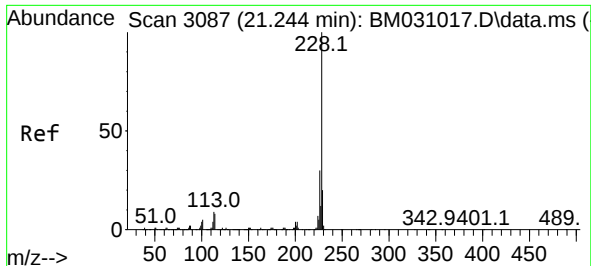
Tgt Ion:228 Resp: 307680
Ion Ratio Lower Upper
228 100
226 26.7 22.3 33.5
229 19.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 11.852 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:252 Resp: 112335
Ion Ratio Lower Upper
252 100
254 66.8 51.5 77.3
126 10.5 8.6 13.0

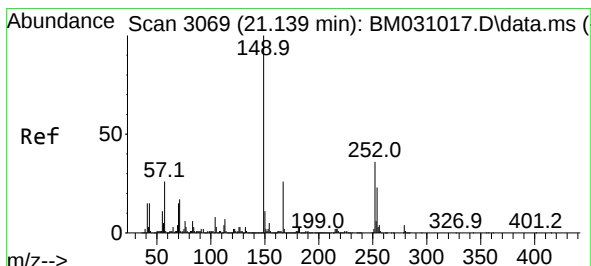
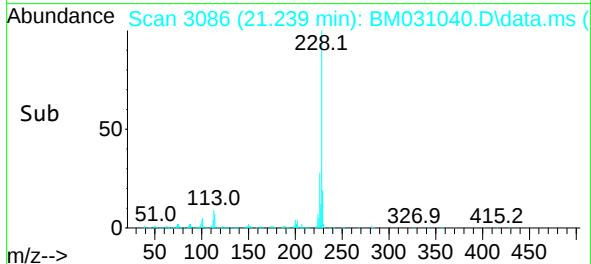
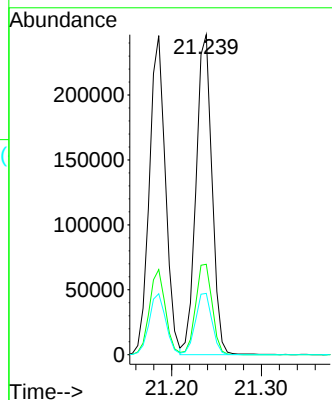
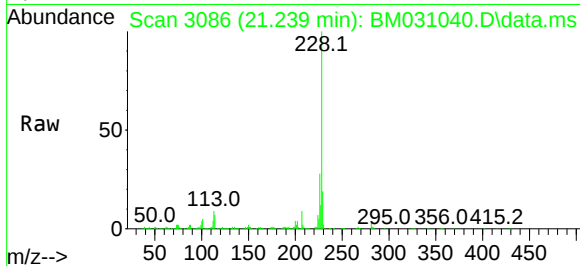




#83
Chrysene
Concen: 9.049 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

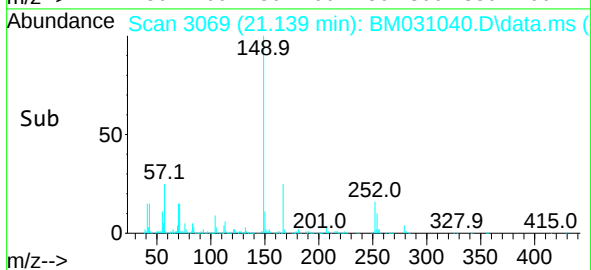
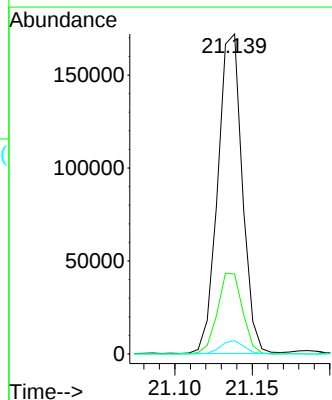
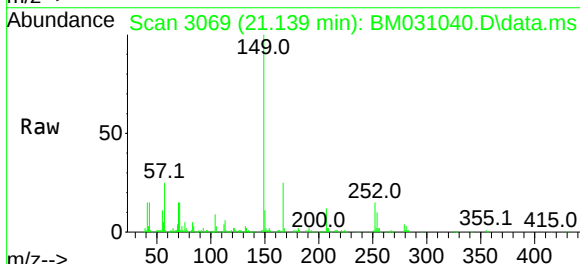
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

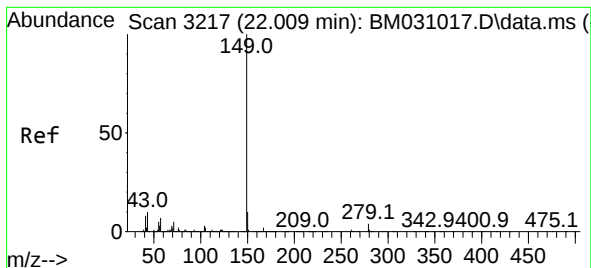
Tgt Ion:228 Resp: 303958
Ion Ratio Lower Upper
228 100
226 28.2 24.6 36.8
229 19.1 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 8.758 ng
RT: 21.139 min Scan# 3069
Delta R.T. -0.000 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:149 Resp: 188746
Ion Ratio Lower Upper
149 100
167 25.0 22.6 33.8
279 4.1 3.8 5.8

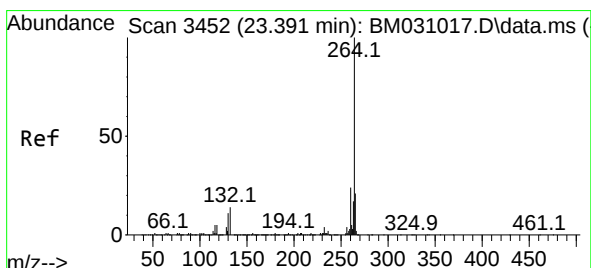
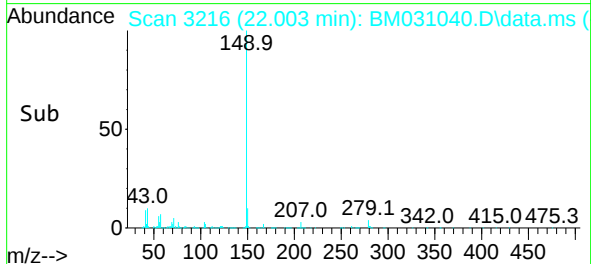
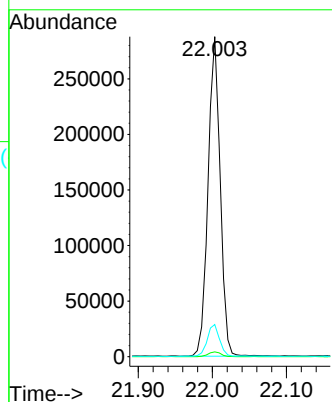
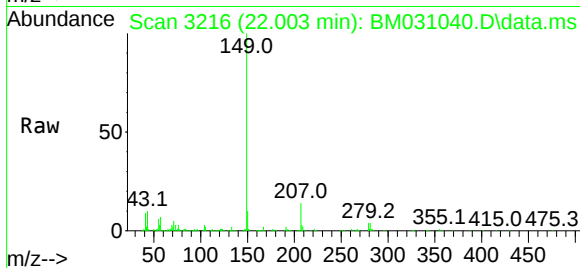




#85
Di-n-octyl phthalate
Concen: 8.896 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

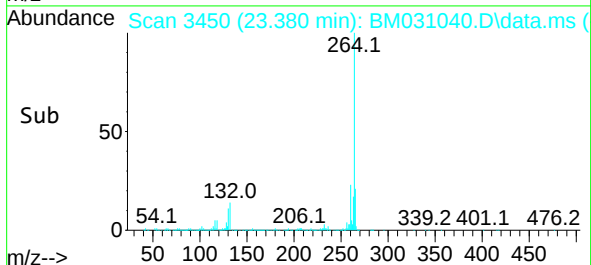
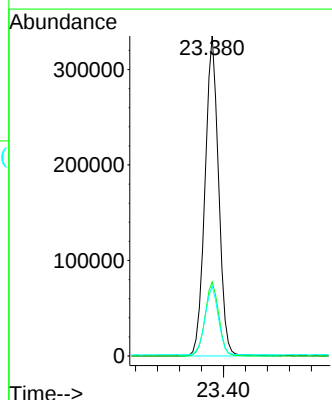
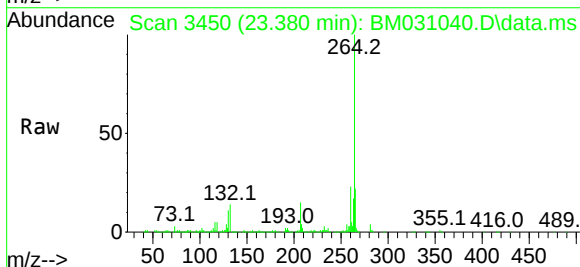
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

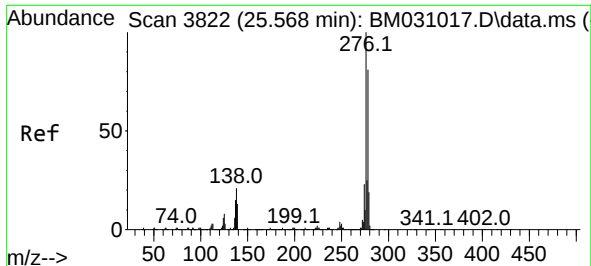
Tgt Ion:149 Resp: 328293
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.6 7.4 11.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:264 Resp: 573516
Ion Ratio Lower Upper
264 100
260 23.1 19.8 29.8
265 21.9 17.7 26.5

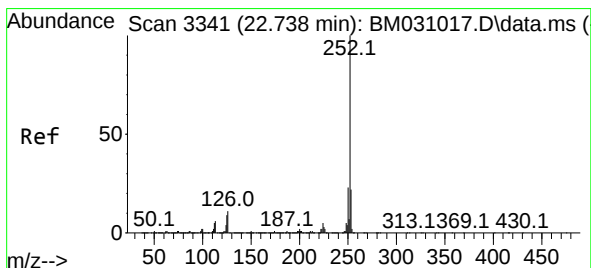
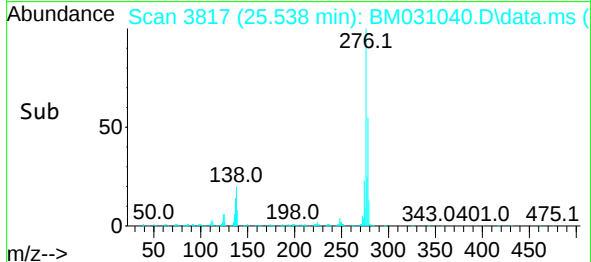
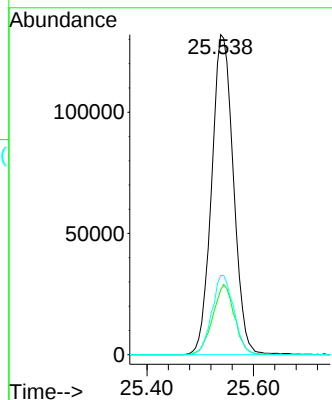
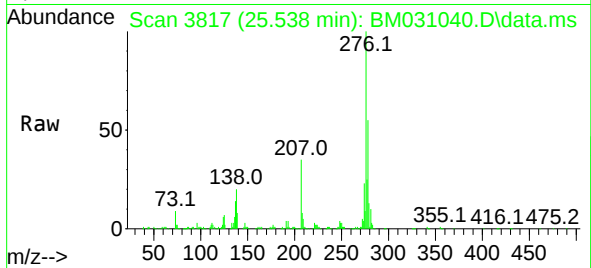




#87
Indeno(1,2,3-cd)pyrene
Concen: 9.137 ng
RT: 25.538 min Scan# 3817
Delta R.T. -0.029 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

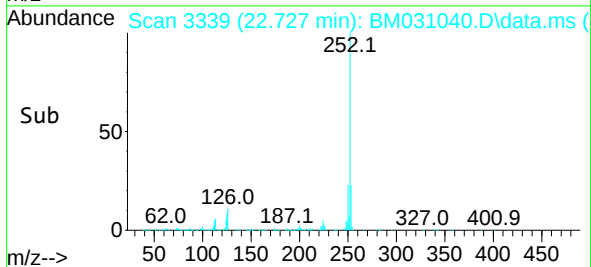
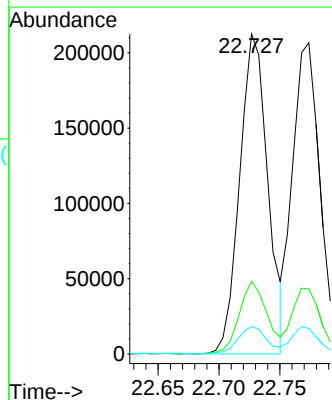
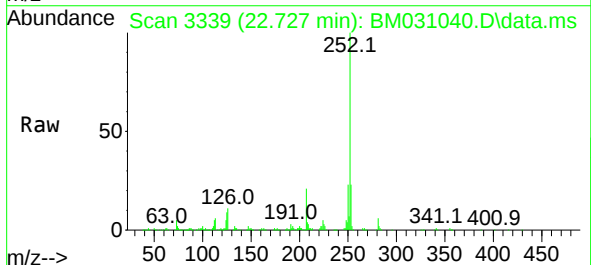
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

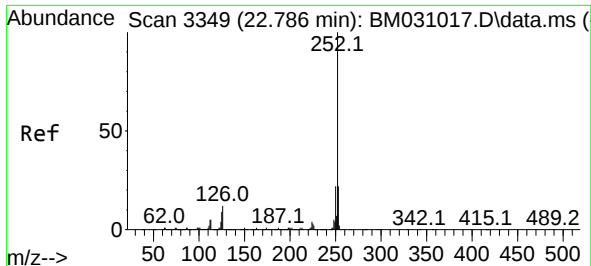
Tgt Ion:276 Resp: 374438
Ion Ratio Lower Upper
276 100
138 21.9 17.1 25.7
277 25.1 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 8.992 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:252 Resp: 341732
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.0
125 8.6 6.8 10.2

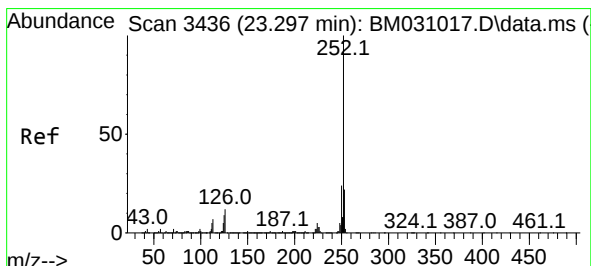
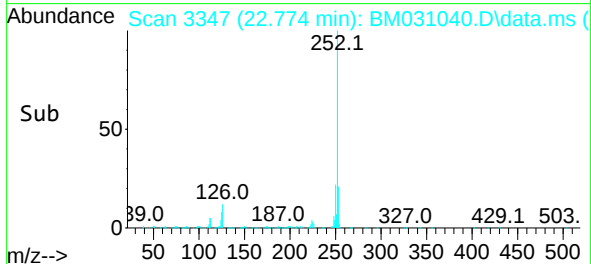
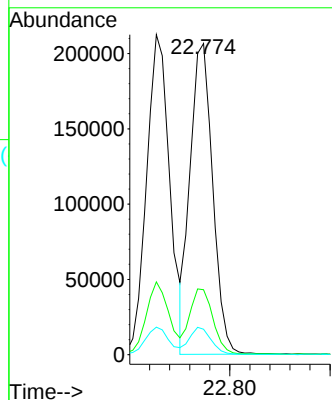
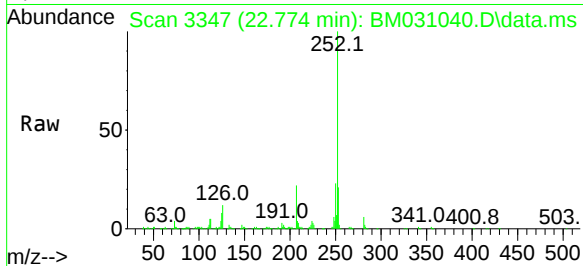




#89
Benzo(k)fluoranthene
Concen: 9.106 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

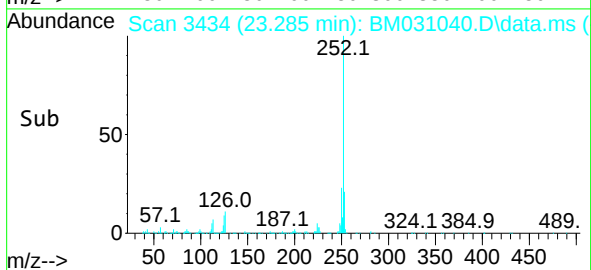
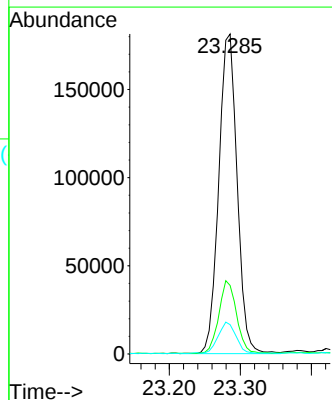
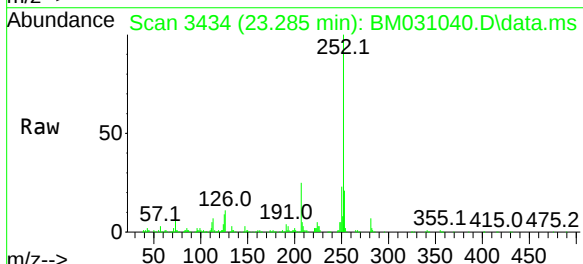
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

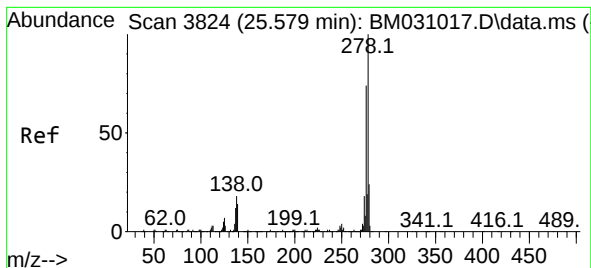
Tgt Ion:252 Resp: 323647
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 8.2 6.2 9.2



#90
Benzo(a)pyrene
Concen: 9.493 ng
RT: 23.285 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:252 Resp: 324771
Ion Ratio Lower Upper
252 100
253 21.4 17.7 26.5
125 9.1 7.3 10.9

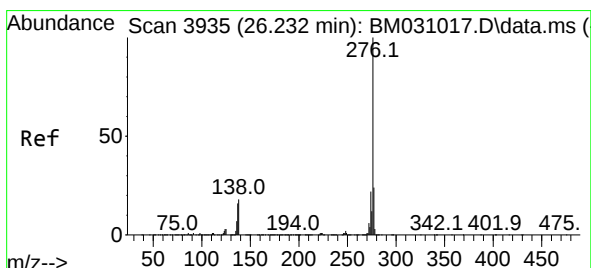
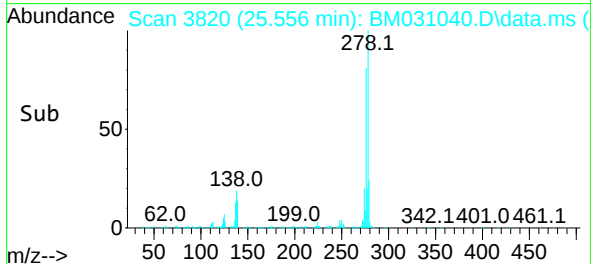
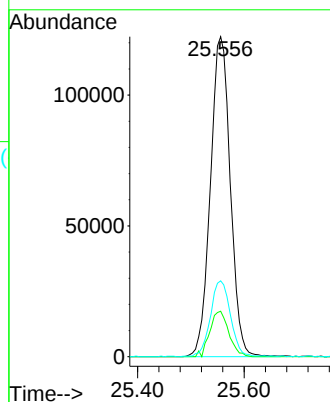
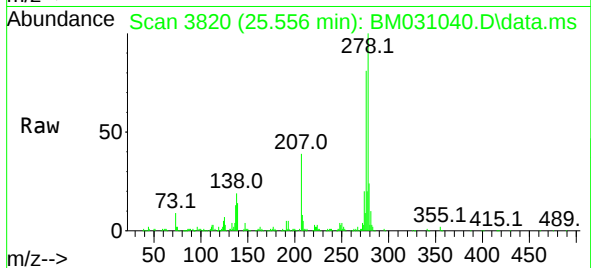




#91
Dibenzo(a,h)anthracene
Concen: 8.933 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.024 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Tgt Ion:278 Resp: 316911
Ion Ratio Lower Upper
278 100
139 14.2 11.0 16.4
279 23.7 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 9.179 ng
RT: 26.197 min Scan# 3929
Delta R.T. -0.035 min
Lab File: BM031040.D
Acq: 21 Jul 2021 11:57

Tgt Ion:276 Resp: 310247
Ion Ratio Lower Upper
276 100
277 24.1 19.4 29.2
138 19.3 14.4 21.6

