

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072121\
 Data File : BM031039.D
 Acq On : 21 Jul 2021 11:10
 Operator : CG/JU
 Sample : M2940-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 21 11:42:14 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	47014	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	204723	20.000	ng	# 0.00
39) Acenaphthene-d10	14.268	164	147849	20.000	ng	0.00
64) Phenanthrene-d10	17.009	188	353004	20.000	ng	-0.01
76) Chrysene-d12	21.203	240	436451	20.000	ng	0.00
86) Perylene-d12	23.380	264	518238	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	299018	114.210	ng	0.00
7) Phenol-d6	6.816	99	418793	110.344	ng	0.00
23) Nitrobenzene-d5	8.781	82	296277	72.664	ng	-0.01
42) 2,4,6-Tribromophenol	15.762	330	215364	111.550	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	695391	70.177	ng	0.00
79) Terphenyl-d14	19.656	244	1535589	69.612	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	5784	5.498	ng	# 93
3) Pyridine	3.634	79	12035	4.044	ng	# 89
4) n-Nitrosodimethylamine	3.546	42	8190	4.842	ng	# 77
6) Aniline	6.975	93	21153	5.191	ng	98
8) 2-Chlorophenol	7.204	128	14101	4.576	ng	98
9) Benzaldehyde	6.792	77	14502	6.413	ng	94
10) Phenol	6.840	94	17240	4.688	ng	78
11) bis(2-Chloroethyl)ether	7.075	93	13159	4.834	ng	97
12) 1,3-Dichlorobenzene	7.522	146	15850	4.730	ng	# 94
13) 1,4-Dichlorobenzene	7.675	146	16821	4.932	ng	92
14) 1,2-Dichlorobenzene	7.981	146	15590	4.680	ng	96
15) Benzyl Alcohol	7.875	79	14949	4.679	ng	91
16) 2,2'-oxybis(1-Chloropr...	8.157	45	17301	5.080	ng	97
17) 2-Methylphenol	8.075	107	11826	4.597	ng	93
18) Hexachloroethane	8.698	117	6353	4.826	ng	85
19) n-Nitroso-di-n-propyla...	8.434	70	11807	4.405	ng	# 98
20) 3+4-Methylphenols	8.398	107	16229	4.461	ng	93
22) Acetophenone	8.451	105	24547	4.844	ng	# 94
24) Nitrobenzene	8.822	77	19626	4.767	ng	96
25) Isophorone	9.345	82	29856	4.095	ng	98
26) 2-Nitrophenol	9.528	139	7185	4.144	ng	96
27) 2,4-Dimethylphenol	9.592	122	13468	4.931	ng	91
28) bis(2-Chloroethoxy)met...	9.833	93	17899	4.869	ng	95
29) 2,4-Dichlorophenol	10.051	162	13407	4.150	ng	96
30) 1,2,4-Trichlorobenzene	10.269	180	15541	4.381	ng	95
31) Naphthalene	10.451	128	47803	4.538	ng	97
32) Benzoic acid	9.645	122	7083	3.043	ng	88
33) 4-Chloroaniline	10.569	127	20985	4.618	ng	95
34) Hexachlorobutadiene	10.739	225	10092	4.430	ng	97
35) Caprolactam	11.333	113	4430	4.079	ng	# 77
36) 4-Chloro-3-methylphenol	11.692	107	15238	4.133	ng	87
37) 2-Methylnaphthalene	12.069	142	36512	4.497	ng	# 92
38) 1-Methylnaphthalene	12.286	142	32939	4.260	ng	97
40) 1,2,4,5-Tetrachloroben...	12.439	216	19468	4.726	ng	# 98
41) Hexachlorocyclopentadiene	12.416	237	12466	5.440	ng	95
43) 2,4,6-Trichlorophenol	12.686	196	11612	4.013	ng	95

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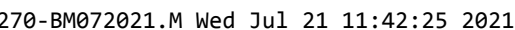
Instrument :
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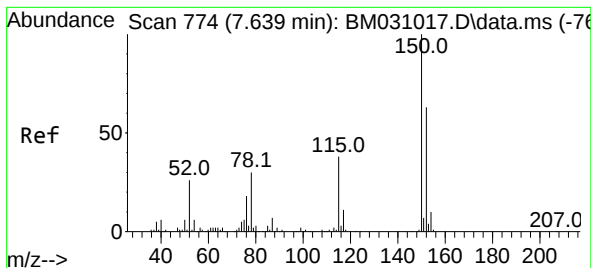
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13418	4.188	ng	# 88
46) 1,1'-Biphenyl	13.092	154	49286	4.701	ng	98
47) 2-Chloronaphthalene	13.133	162	37449	4.561	ng	97
48) 2-Nitroaniline	13.345	65	9571	3.658	ng	97
49) Acenaphthylene	13.986	152	58126	4.429	ng	99
50) Dimethylphthalate	13.733	163	49386	4.453	ng	97
51) 2,6-Dinitrotoluene	13.851	165	9375	3.774	ng	# 77
52) Acenaphthene	14.327	154	37048	4.485	ng	96
53) 3-Nitroaniline	14.174	138	9930	3.957	ng	84
54) 2,4-Dinitrophenol	14.380	184	4906	3.349	ng	88
55) Dibenzofuran	14.668	168	61280	4.524	ng	95
56) 4-Nitrophenol	14.486	139	7953	3.584	ng	# 72
57) 2,4-Dinitrotoluene	14.639	165	12922	3.736	ng	# 74
58) Fluorene	15.315	166	49506	4.332	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.810	232	11914	3.991	ng	95
60) Diethylphthalate	15.104	149	53174	4.472	ng	95
61) 4-Chlorophenyl-phenyle...	15.321	204	25756	4.552	ng	# 83
62) 4-Nitroaniline	15.339	138	11269	4.071	ng	# 83
63) Azobenzene	15.610	77	50452	4.263	ng	92
65) 4,6-Dinitro-2-methylph...	15.398	198	7022	3.172	ng	92
66) n-Nitrosodiphenylamine	15.533	169	43432	4.186	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	14810	4.055	ng	# 89
68) Hexachlorobenzene	16.315	284	17389	4.225	ng	# 88
69) Atrazine	16.492	200	16479	4.326	ng	93
70) Pentachlorophenol	16.662	266	10347	3.845	ng	96
71) Phenanthrene	17.057	178	84894	4.343	ng	98
72) Anthracene	17.145	178	83071	4.309	ng	99
73) Carbazole	17.415	167	77803	4.077	ng	# 96
74) Di-n-butylphthalate	17.998	149	89120	3.976	ng	98
75) Fluoranthene	19.074	202	104318	4.264	ng	99
77) Benzidine	19.268	184	55434	5.145	ng	99
78) Pyrene	19.433	202	109326	4.011	ng	99
80) Butylbenzylphthalate	20.356	149	43544	3.742	ng	99
81) Benzo(a)anthracene	21.186	228	124659	4.310	ng	98
82) 3,3'-Dichlorobenzidine	21.127	252	43797	5.524	ng	99
83) Chrysene	21.239	228	123482	4.394	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	68558	3.803	ng	94
85) Di-n-octyl phthalate	22.003	149	122586	3.971	ng	# 95
87) Indeno(1,2,3-cd)pyrene	25.538	276	163779	4.423	ng	99
88) Benzo(b)fluoranthene	22.733	252	135263	3.939	ng	99
89) Benzo(k)fluoranthene	22.774	252	133882	4.169	ng	99
90) Benzo(a)pyrene	23.286	252	134897	4.364	ng	99
91) Dibenzo(a,h)anthracene	25.556	278	141230	4.406	ng	98
92) Benzo(g,h,i)perylene	26.203	276	138186	4.524	ng	97

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

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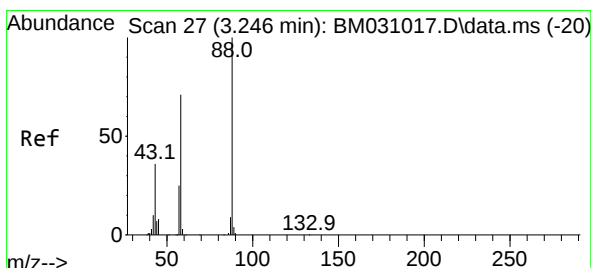
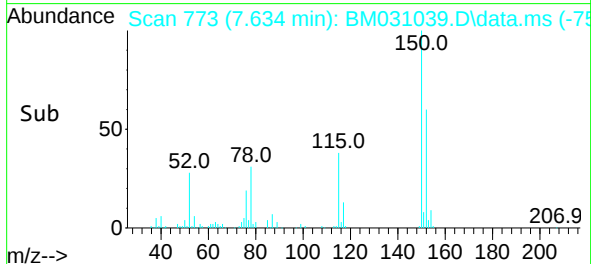
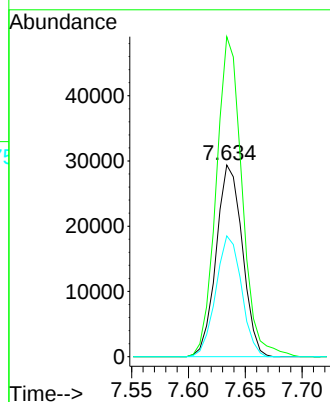
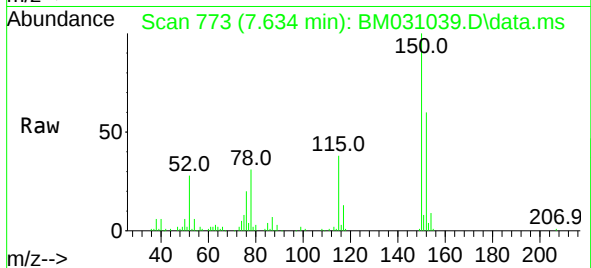




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.005 min
Lab File: BM031039.D
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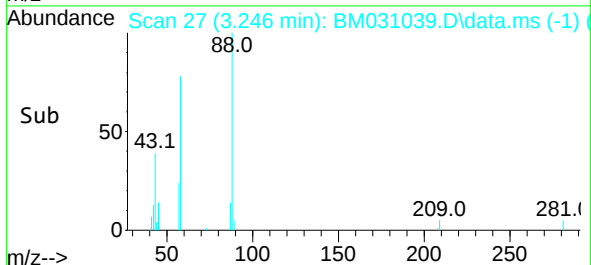
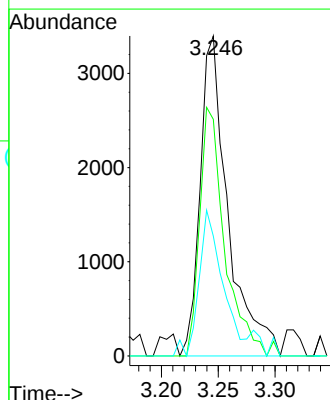
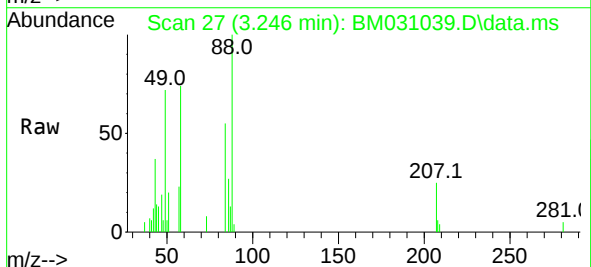
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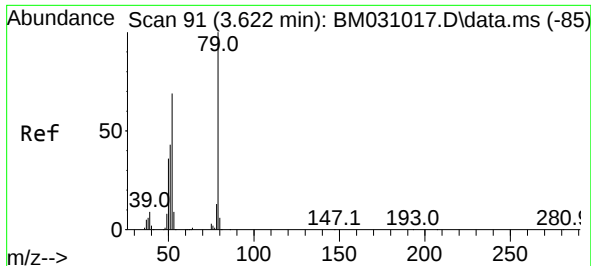
Tgt Ion:152 Resp: 47014
Ion Ratio Lower Upper
152 100
150 167.0 125.9 188.9
115 63.0 44.6 67.0



#2
1,4-Dioxane
Concen: 5.498 ng
RT: 3.246 min Scan# 27
Delta R.T. 0.000 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 88 Resp: 5784
Ion Ratio Lower Upper
88 100
58 70.6 53.6 80.4
43 39.3 25.8 38.6#

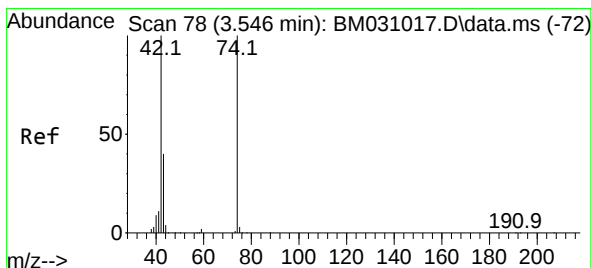
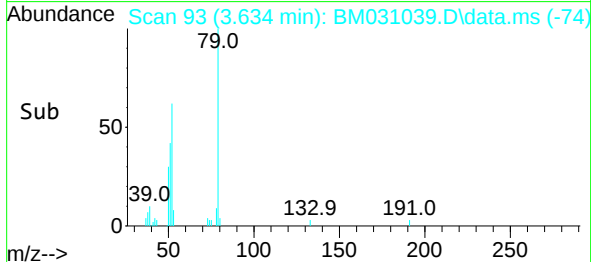
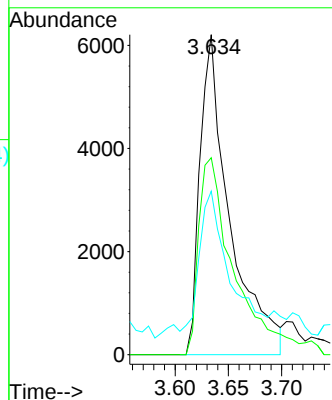
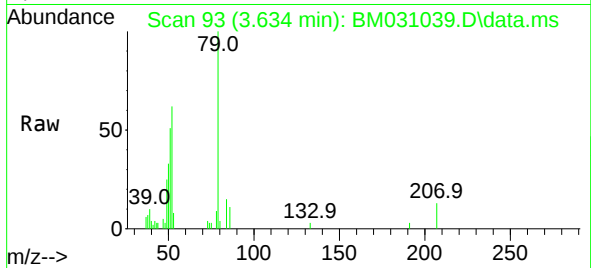




#3
Pyridine
Concen: 4.044 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

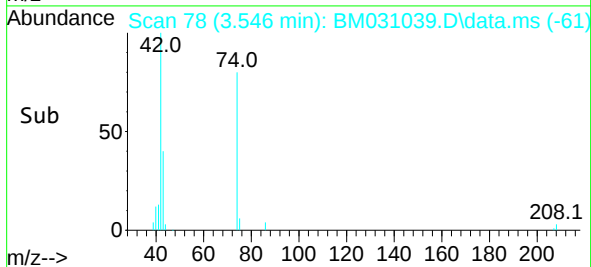
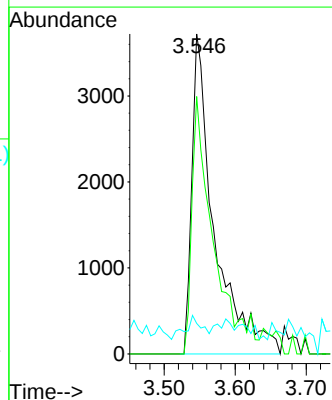
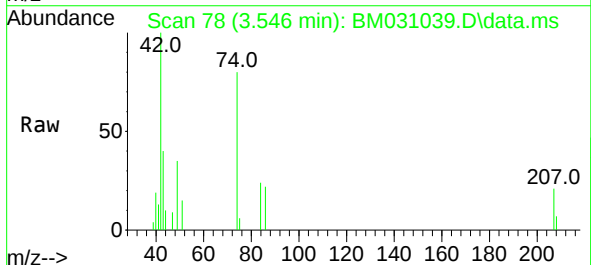
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

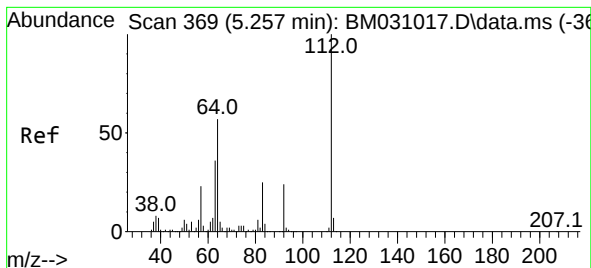
Tgt Ion: 79 Resp: 12035
Ion Ratio Lower Upper
79 100
52 61.6 48.2 72.2
51 51.1 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 4.842 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 42 Resp: 8190
Ion Ratio Lower Upper
42 100
74 80.5 84.1 126.1#
44 9.6 4.5 6.7#

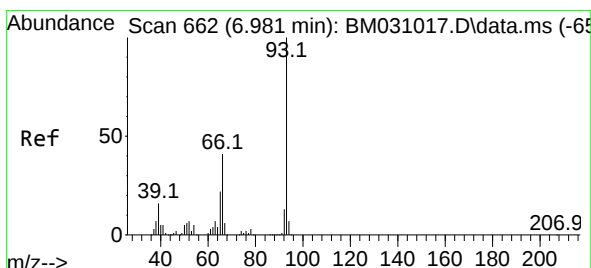
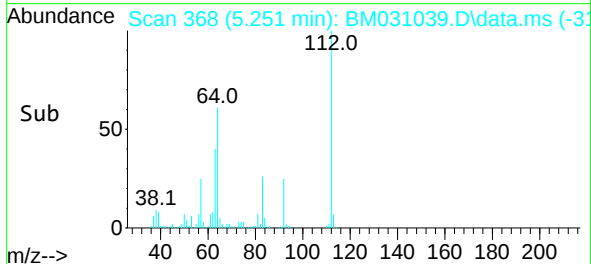
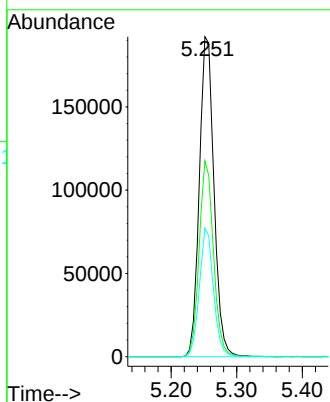
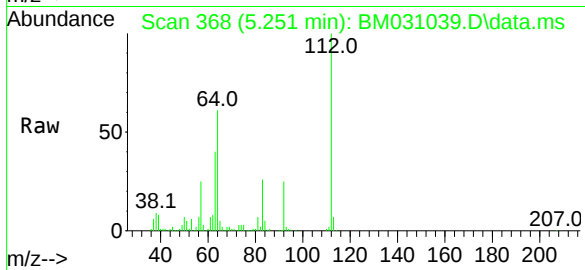




#5
2-Fluorophenol
Concen: 114.210 ng
RT: 5.251 min Scan# 368
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

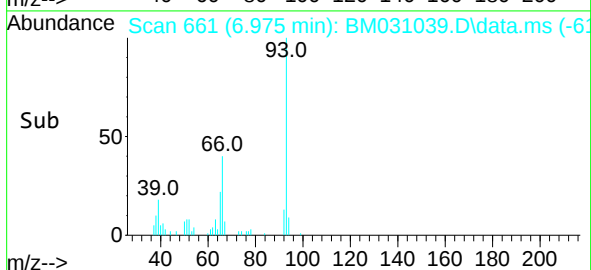
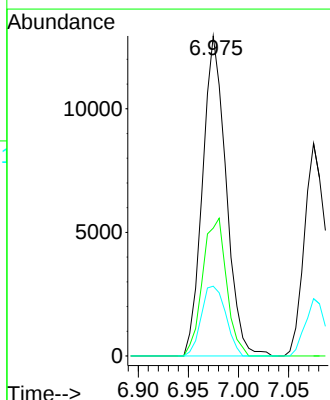
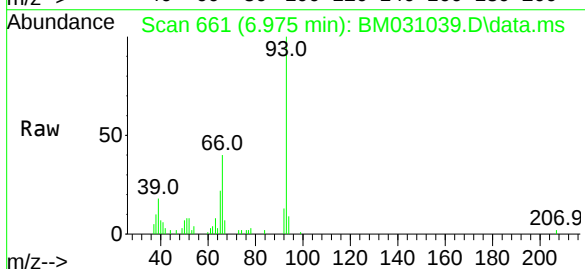
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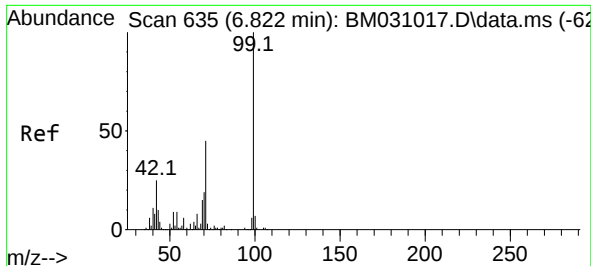
Tgt Ion:	112	Resp:	299018
Ion Ratio	Lower	Upper	
112	100		
64	61.2	47.1	70.7
63	40.2	27.3	40.9



#6
Aniline
Concen: 5.191 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:	93	Resp:	21153
Ion Ratio	Lower	Upper	
93	100		
66	39.9	32.7	49.1
65	21.8	16.8	25.2

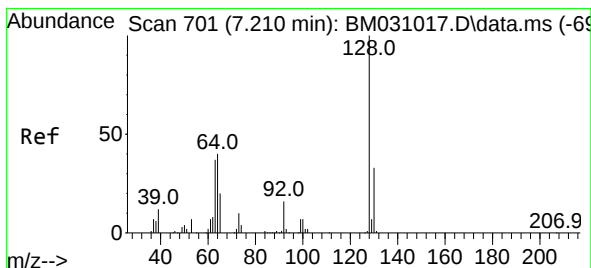
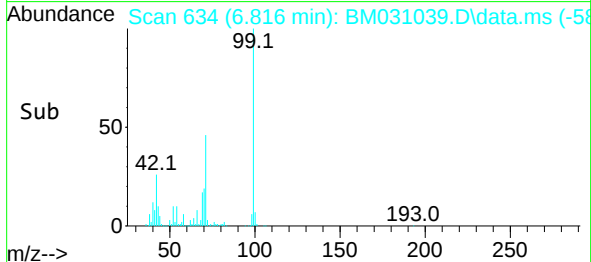
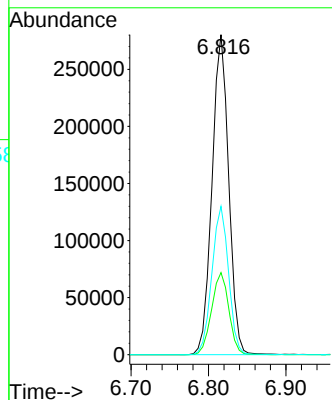
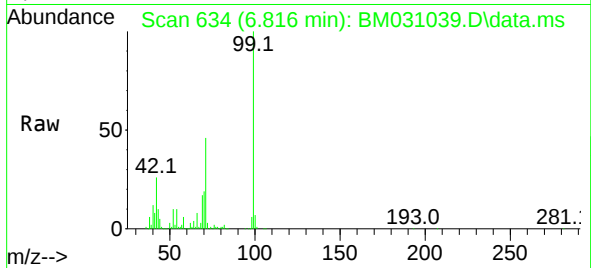




#7
Phenol-d6
Concen: 110.344 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

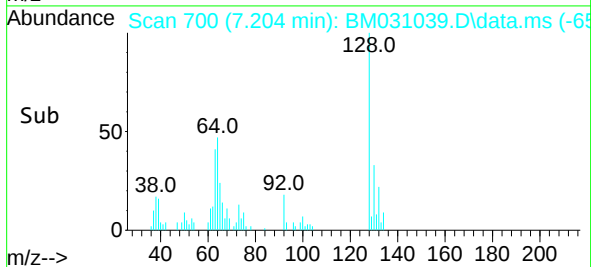
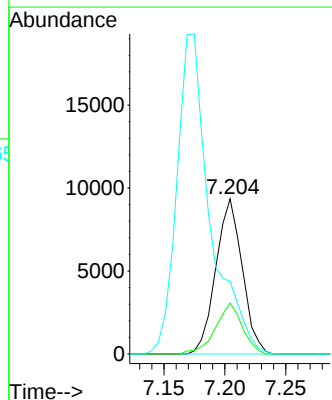
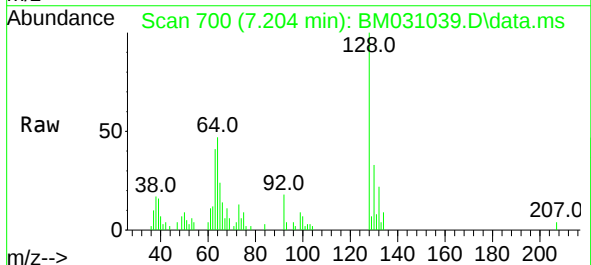
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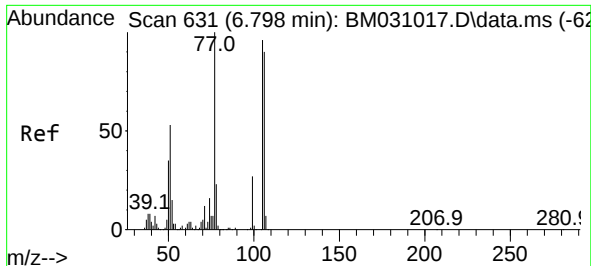
Tgt Ion: 99 Resp: 418793
Ion Ratio Lower Upper
99 100
42 25.6 18.0 27.0
71 46.3 30.9 46.3#



#8
2-Chlorophenol
Concen: 4.576 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 128 Resp: 14101
Ion Ratio Lower Upper
128 100
130 32.8 13.5 53.5
64 46.9 25.7 65.7

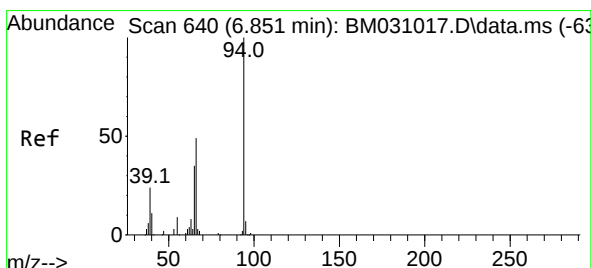
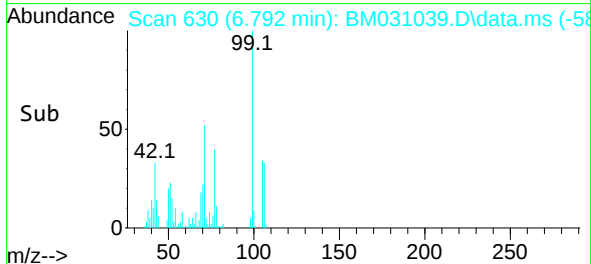
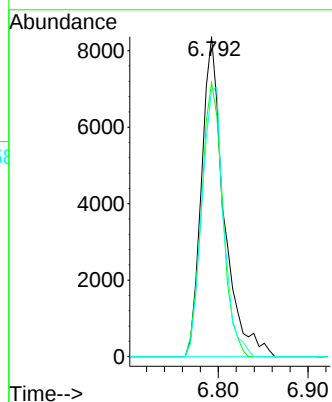
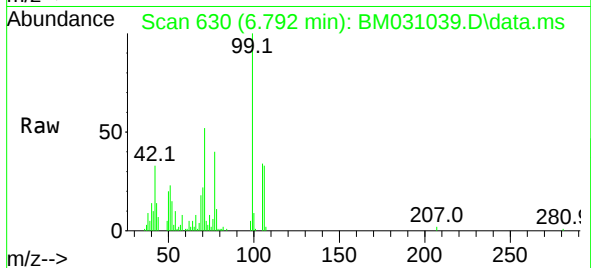




#9
Benzaldehyde
Concen: 6.413 ng
RT: 6.792 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031039.D
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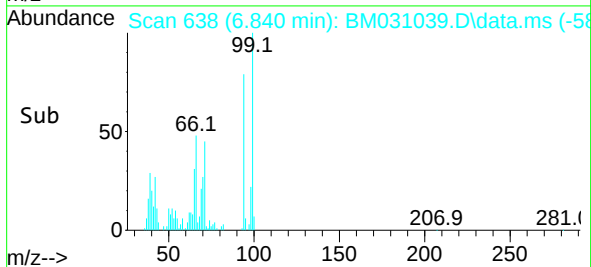
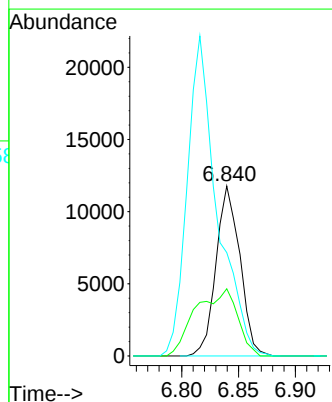
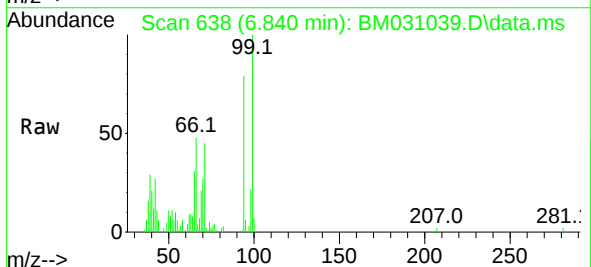
Instrument :
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ClientSampleId :
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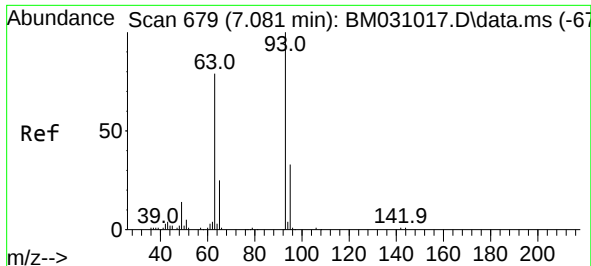
Tgt Ion: 77 Resp: 14502
Ion Ratio Lower Upper
77 100
105 85.6 71.2 111.2
106 83.3 68.6 108.6



#10
Phenol
Concen: 4.688 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 94 Resp: 17240
Ion Ratio Lower Upper
94 100
65 39.5 11.9 51.9
66 60.8 22.6 62.6

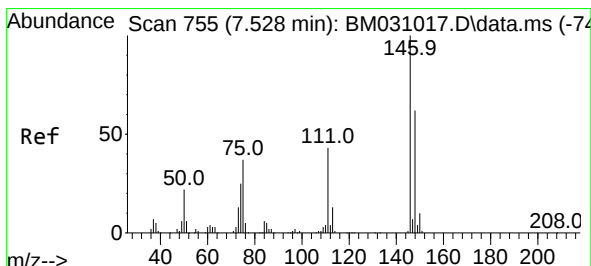
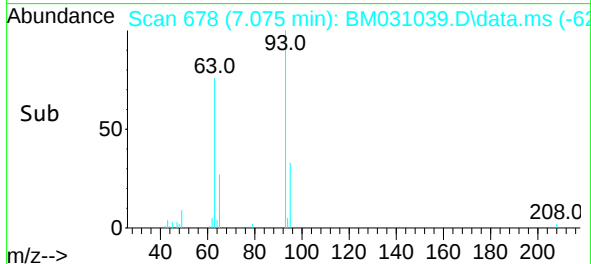
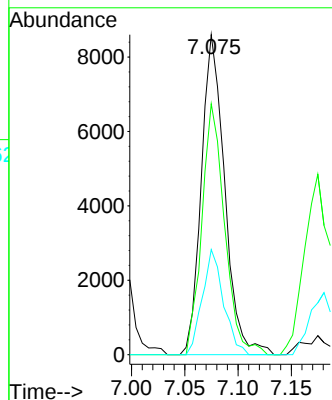
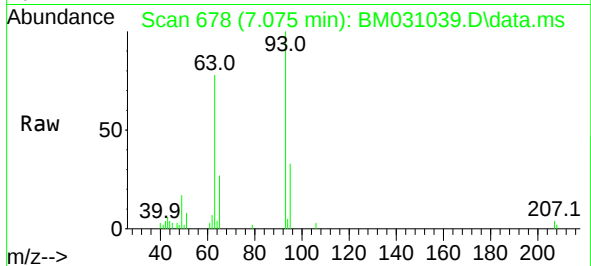




#11
bis(2-Chloroethyl)ether
Concen: 4.834 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

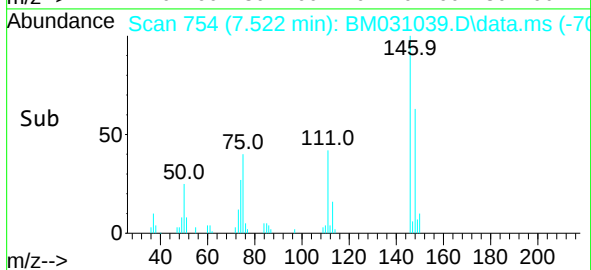
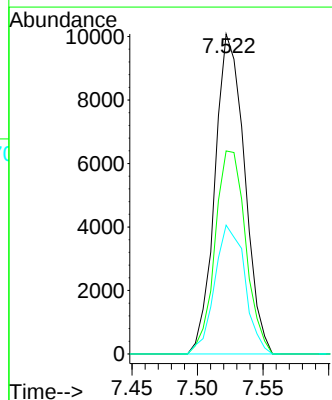
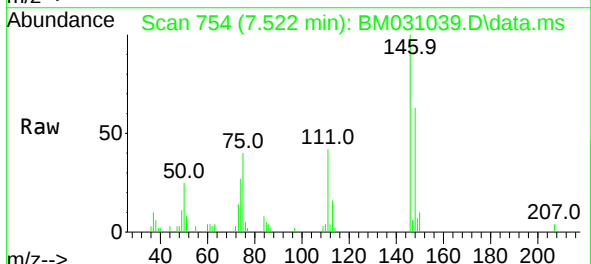
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

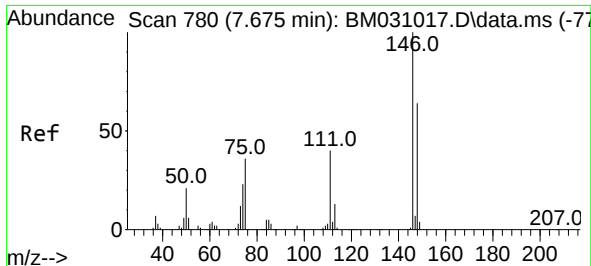
Tgt Ion: 93	Resp:	13159	
Ion	Ratio	Lower	Upper
93	100		
63	78.4	54.3	94.3
95	32.9	12.7	52.7



#12
1,3-Dichlorobenzene
Concen: 4.730 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:146	Resp:	15850	
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.2	78.4
75	40.2	25.8	38.8#

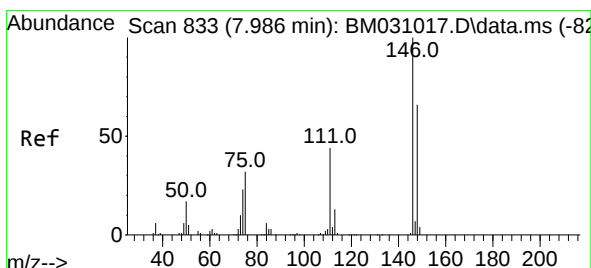
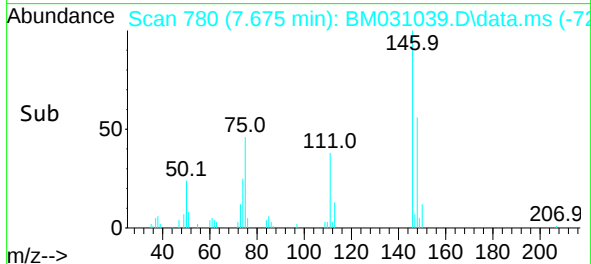
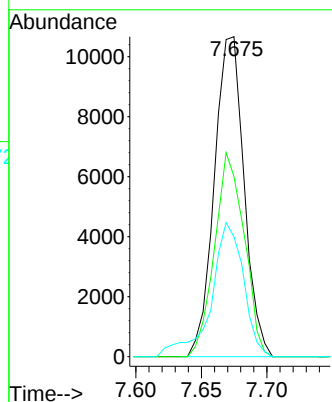
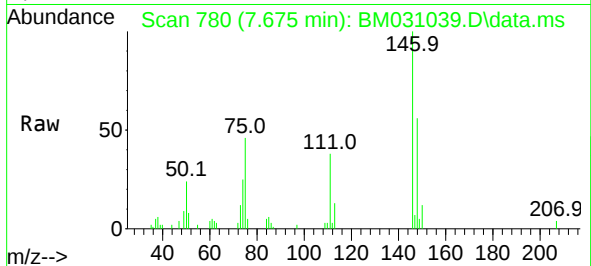




#13
1,4-Dichlorobenzene
Concen: 4.932 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

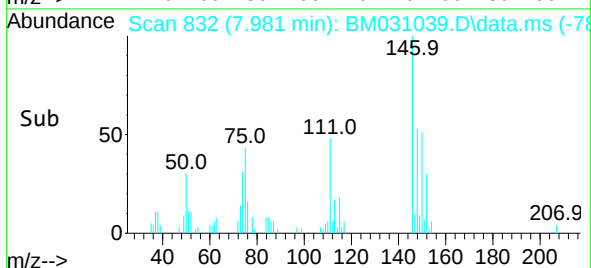
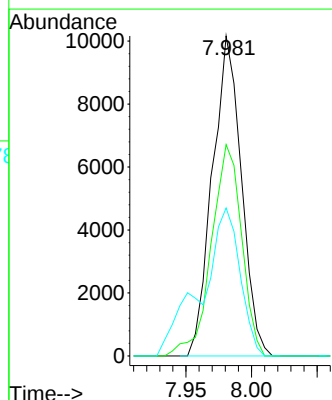
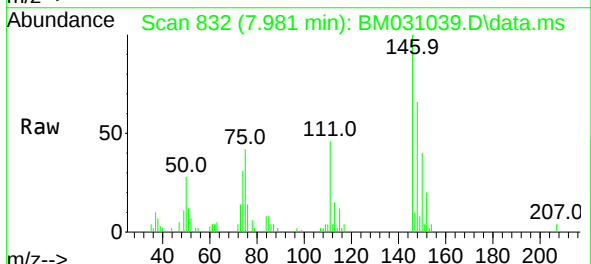
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

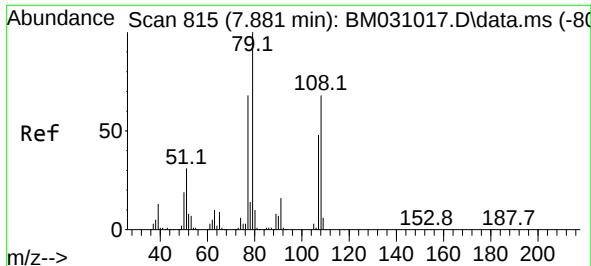
Tgt Ion	Ratio	Lower	Upper
146	100		
148	56.3	51.8	77.8
111	37.5	31.0	46.6



#14
1,2-Dichlorobenzene
Concen: 4.680 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.7	77.5
111	46.2	32.6	49.0

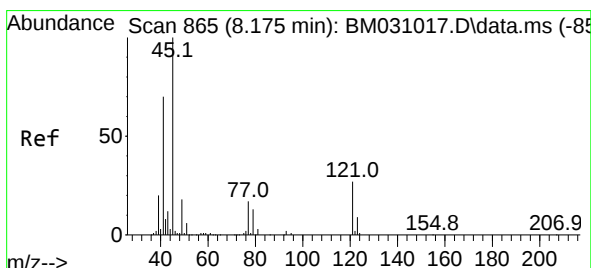
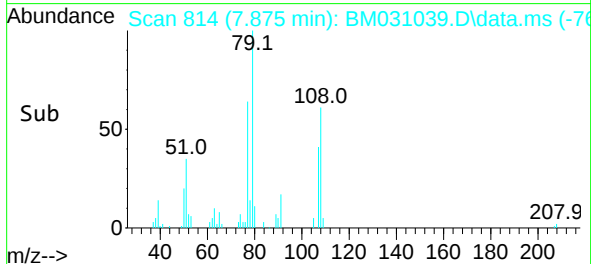
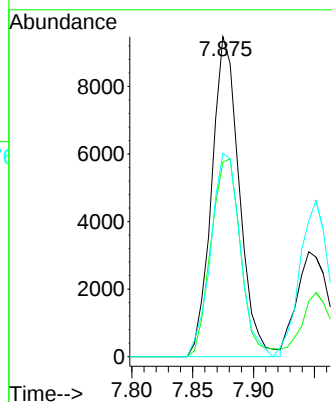
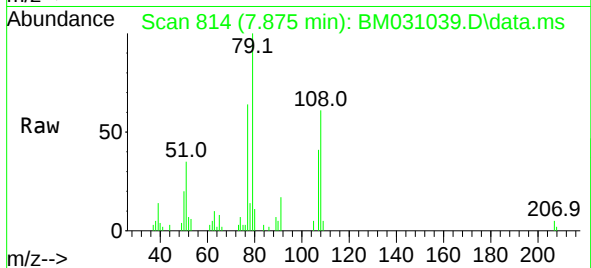




#15
Benzyl Alcohol
Concen: 4.679 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

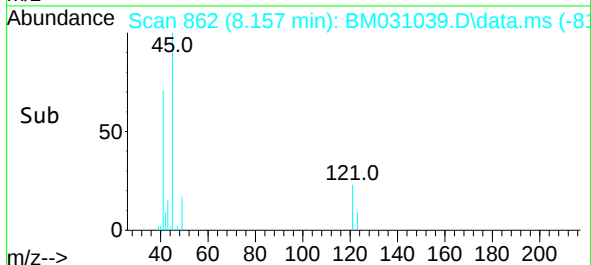
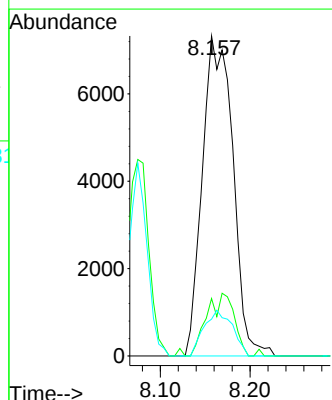
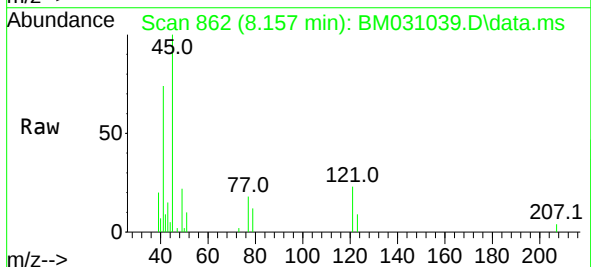
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

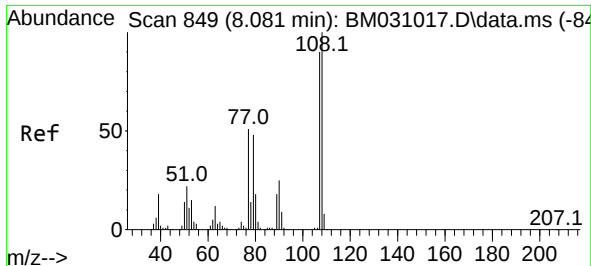
Tgt Ion:	79	Resp:	14949
Ion	Ratio	Lower	Upper
79	100		
108	60.8	57.0	85.4
77	63.6	54.6	81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.080 ng
RT: 8.157 min Scan# 862
Delta R.T. -0.018 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

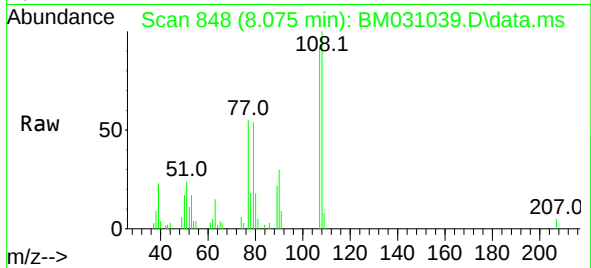
Tgt Ion:	45	Resp:	17301
Ion	Ratio	Lower	Upper
45	100		
77	18.0	0.0	38.0
79	11.5	0.0	34.1



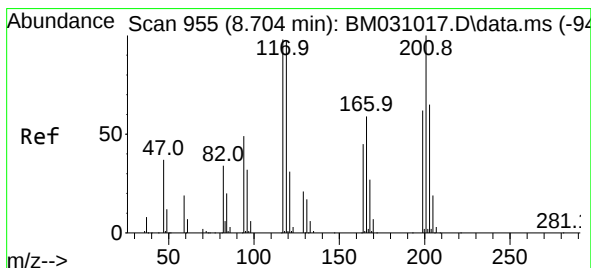
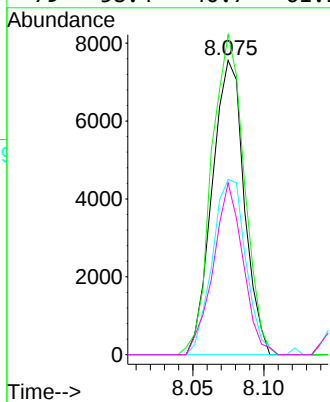
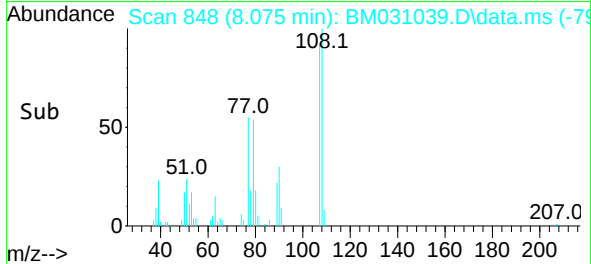


#17
2-Methylphenol
Concen: 4.597 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

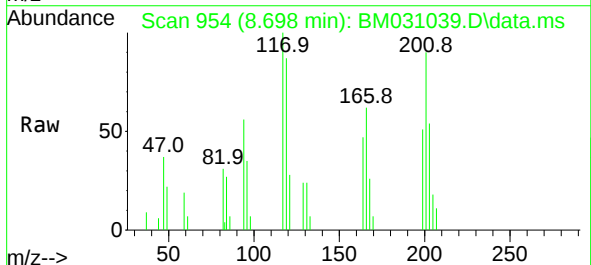
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



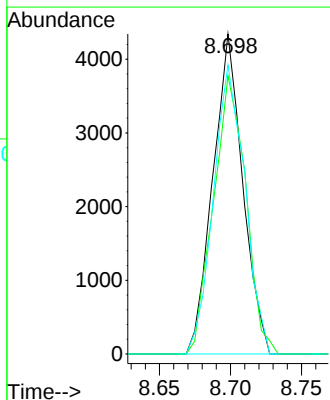
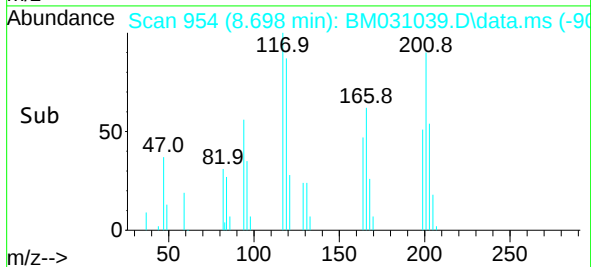
Tgt Ion	Ratio	Lower	Upper
107	100		
108	108.7	85.0	127.6
77	59.6	41.3	61.9
79	58.4	40.7	61.1

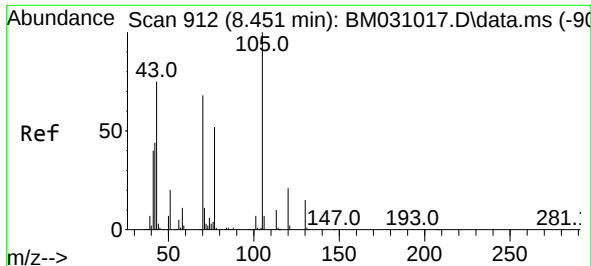


#18
Hexachloroethane
Concen: 4.826 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10



Tgt Ion	Ratio	Lower	Upper
117	100		
119	86.9	76.2	114.2
201	90.3	89.8	134.6

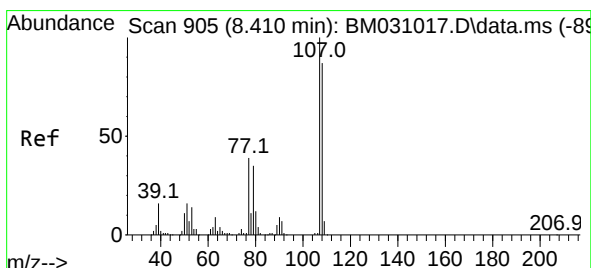
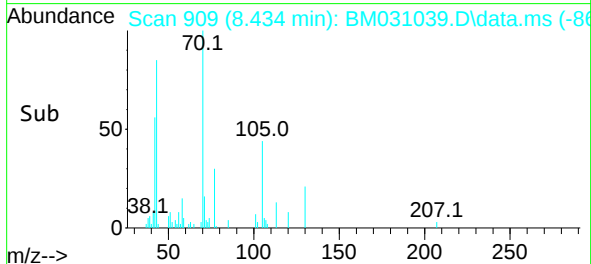
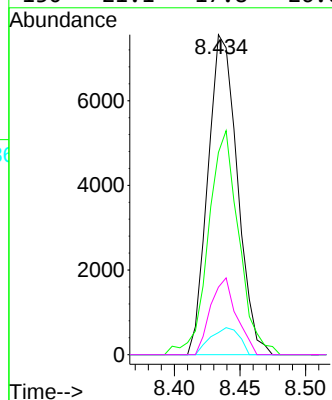
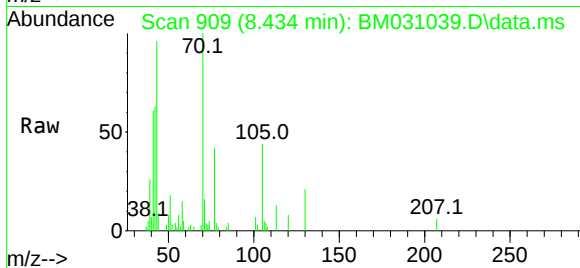




#19
n-Nitroso-di-n-propylamine
Concen: 4.405 ng
RT: 8.434 min Scan# 909
Delta R.T. -0.018 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

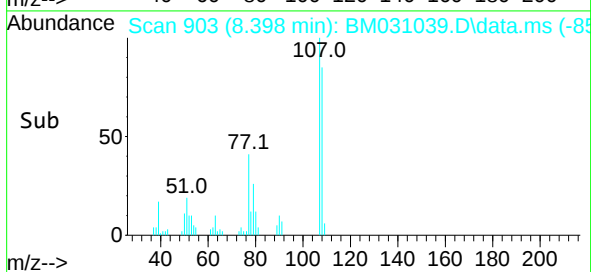
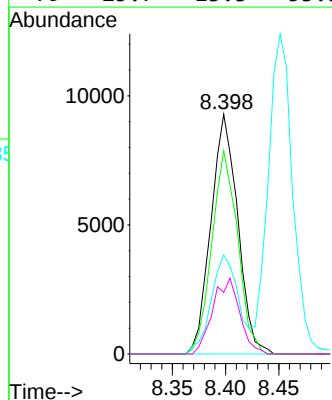
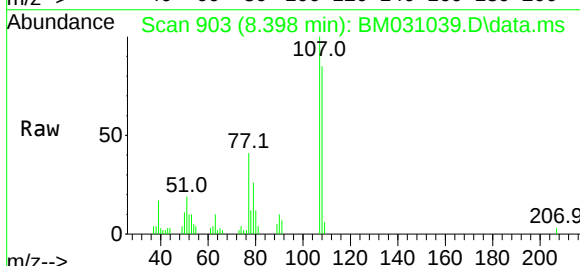
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

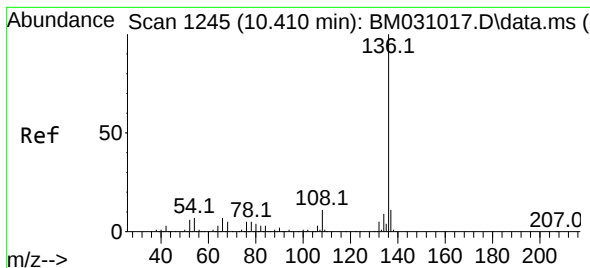
Tgt Ion:	70	Resp:	11807
Ion	Ratio	Lower	Upper
70	100		
42	63.2	51.4	77.0
101	6.9	8.1	12.1#
130	21.1	17.8	26.6



#20
3+4-Methylphenols
Concen: 4.461 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

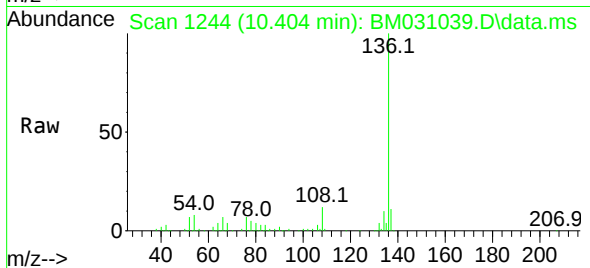
Tgt Ion:	107	Resp:	16229
Ion	Ratio	Lower	Upper
107	100		
108	84.7	69.9	109.9
77	41.3	17.3	57.3
79	25.7	13.3	53.3



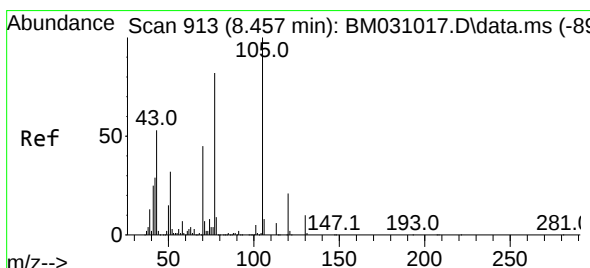
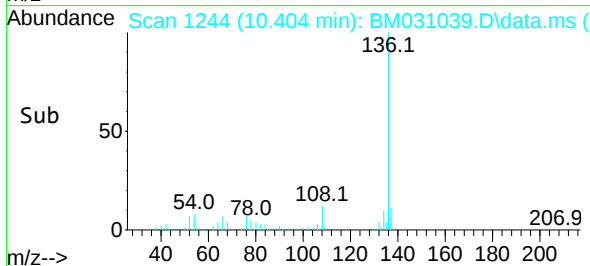
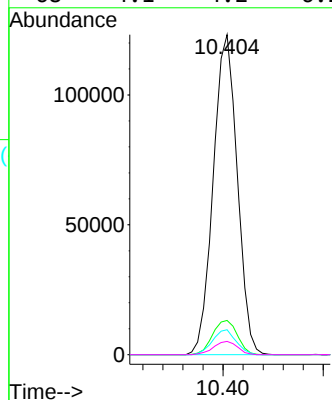


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

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

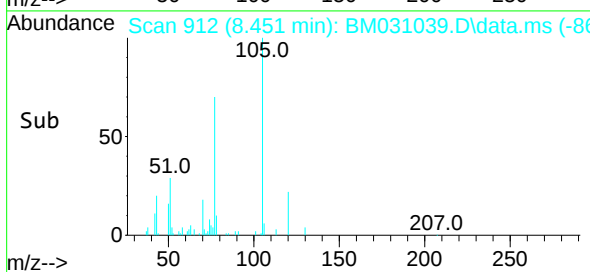
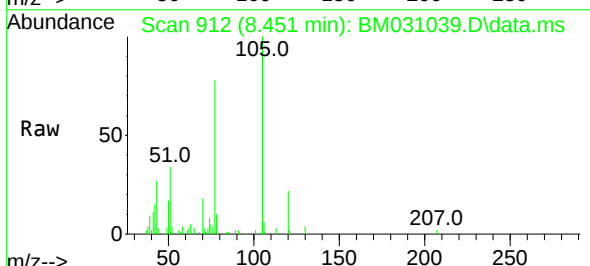
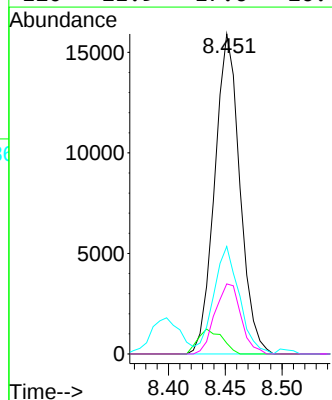


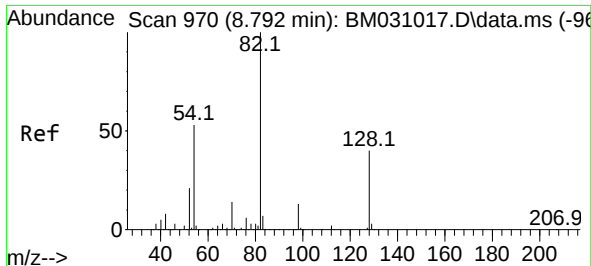
Tgt Ion:136 Resp: 204723
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.8 5.5 8.3
68 4.1 4.2 6.2#



#22
Acetophenone
Concen: 4.844 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:105 Resp: 24547
Ion Ratio Lower Upper
105 100
71 3.4 3.4 5.0#
51 33.6 22.2 33.4#
120 21.9 17.6 26.4

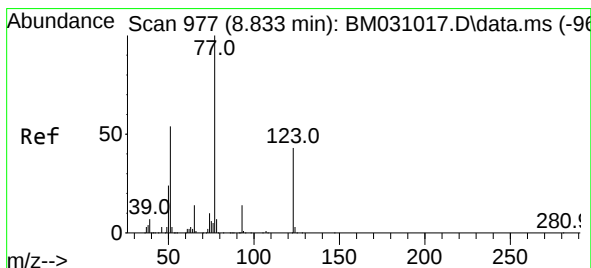
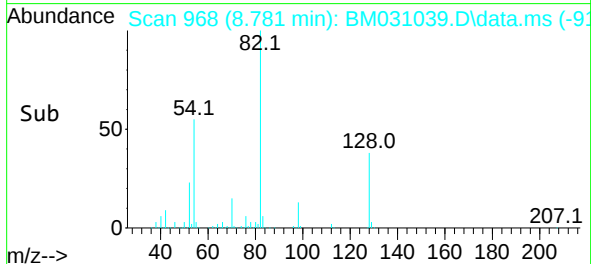
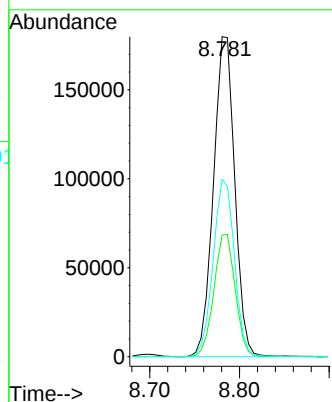
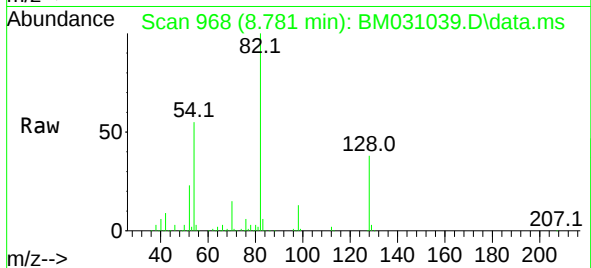




#23
Nitrobenzene-d5
Concen: 72.664 ng
RT: 8.781 min Scan# 968
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

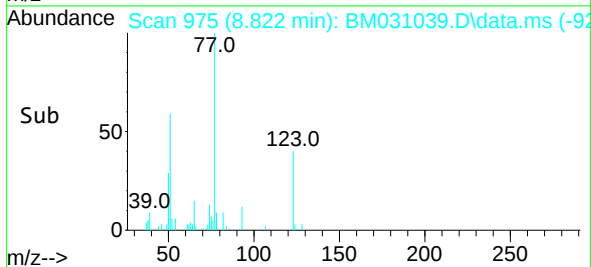
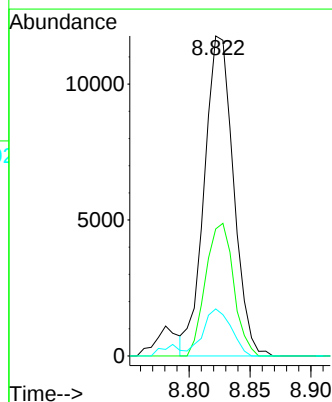
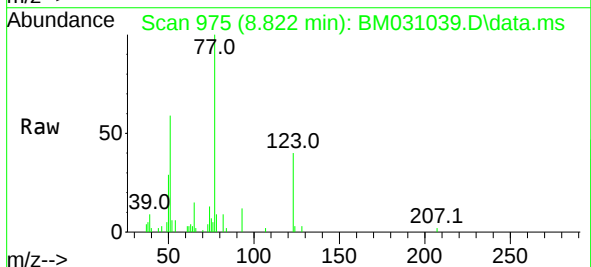
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

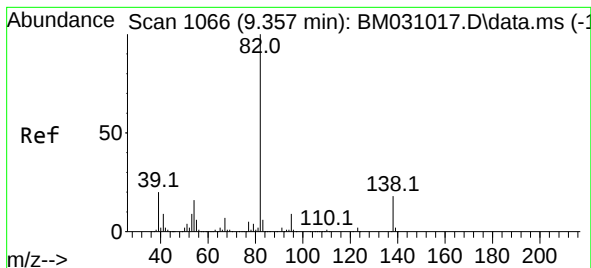
Tgt Ion: 82 Resp: 296277
Ion Ratio Lower Upper
82 100
128 38.0 31.1 46.7
54 55.4 37.3 55.9



#24
Nitrobenzene
Concen: 4.767 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 77 Resp: 19626
Ion Ratio Lower Upper
77 100
123 39.7 34.0 51.0
65 14.7 11.0 16.4





#25

Isophorone

Concen: 4.095 ng

RT: 9.345 min Scan# 1064

Delta R.T. -0.012 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

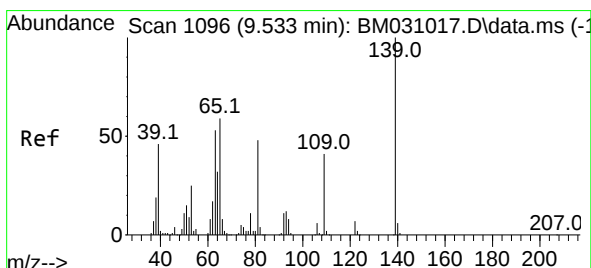
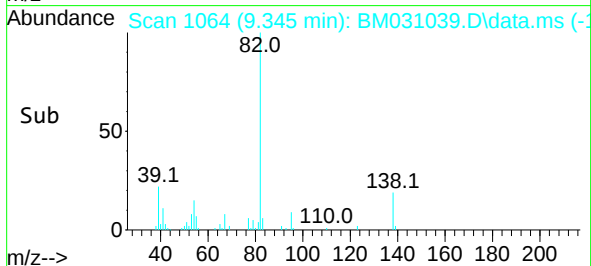
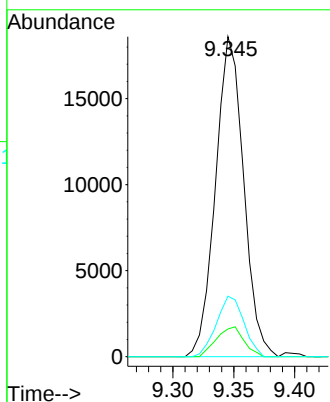
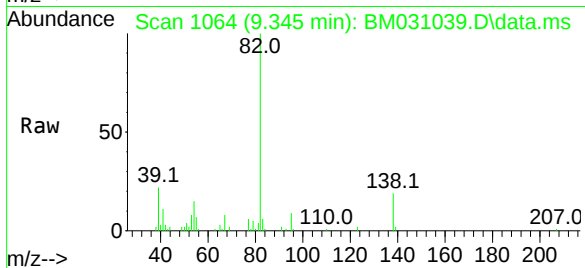
Tgt Ion:	82	Resp:	29856
Ion	Ratio	Lower	Upper
82	100		
95	8.6	6.3	9.5
138	18.9	14.5	21.7

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#26

2-Nitrophenol

Concen: 4.144 ng

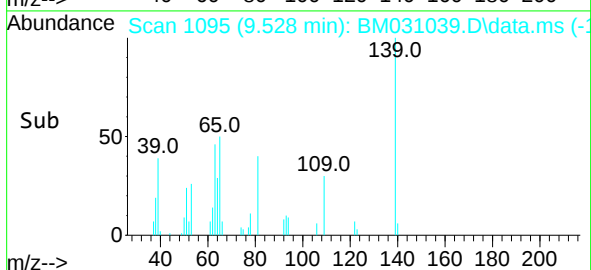
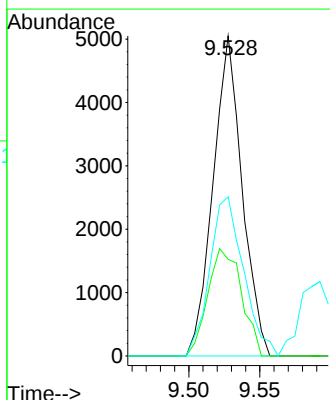
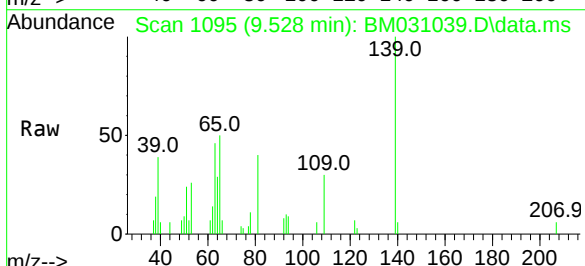
RT: 9.528 min Scan# 1095

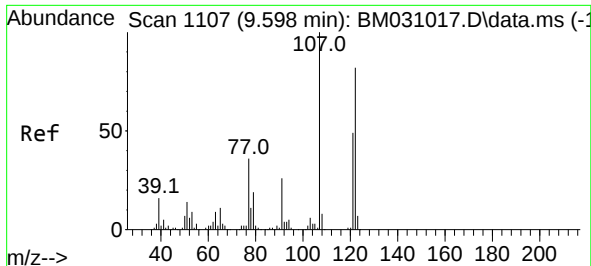
Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:	139	Resp:	7185
Ion	Ratio	Lower	Upper
139	100		
109	30.2	26.7	40.1
65	49.8	41.9	62.9

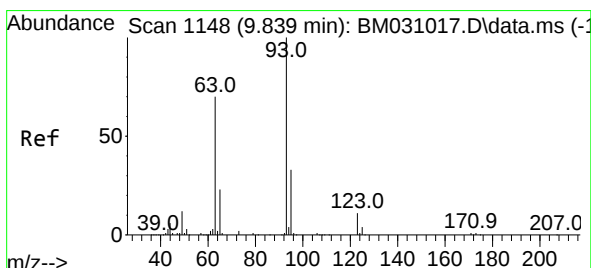
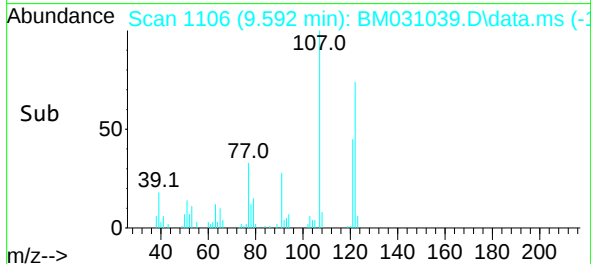
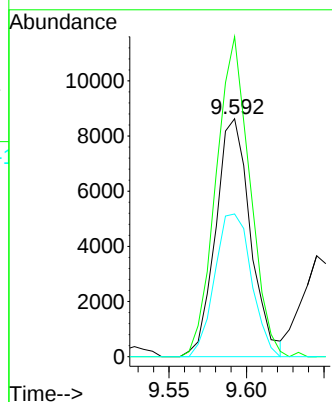
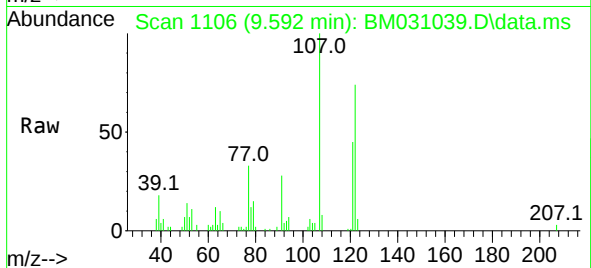




#27
2,4-Dimethylphenol
Concen: 4.931 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

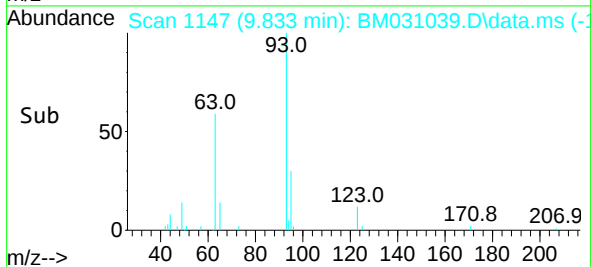
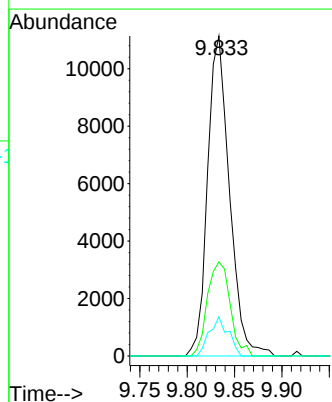
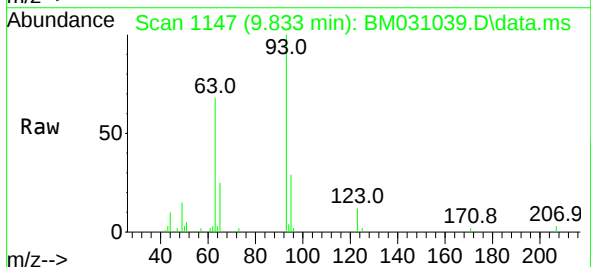
Instrument :
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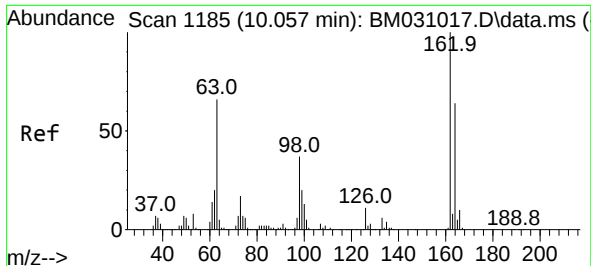
Tgt Ion:122 Resp: 13468
Ion Ratio Lower Upper
122 100
107 134.5 95.0 142.6
121 60.0 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.869 ng
RT: 9.833 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 93 Resp: 17899
Ion Ratio Lower Upper
93 100
95 29.4 26.2 39.2
123 12.3 9.3 13.9

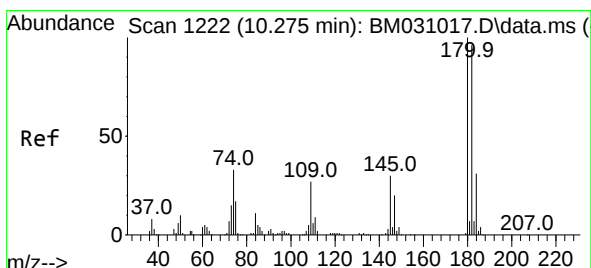
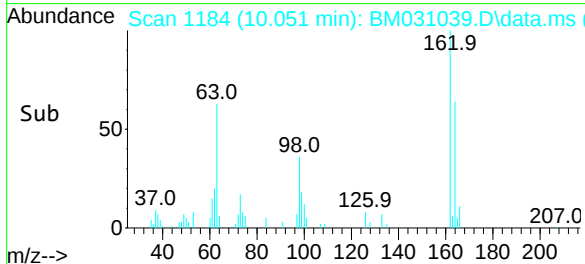
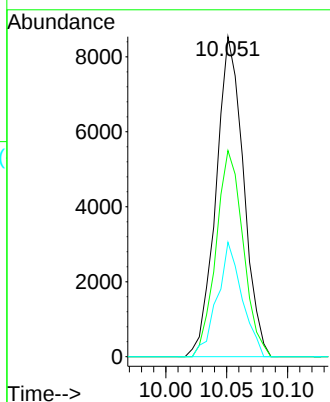
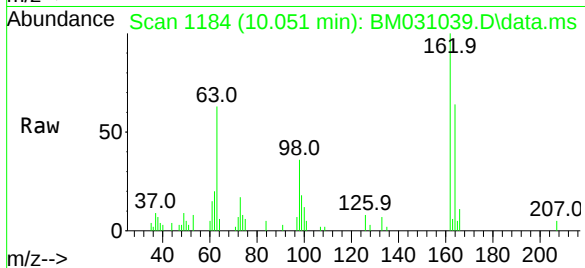




#29
2,4-Dichlorophenol
Concen: 4.150 ng
RT: 10.051 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

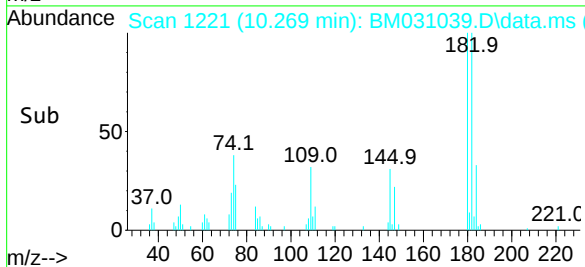
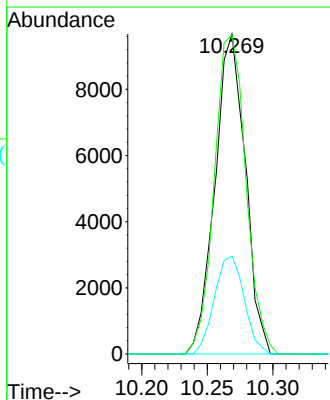
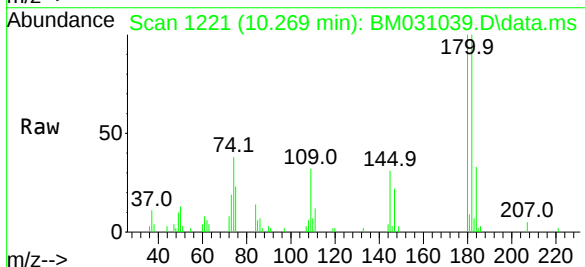
Instrument :
BNA_M
ClientSampleId :
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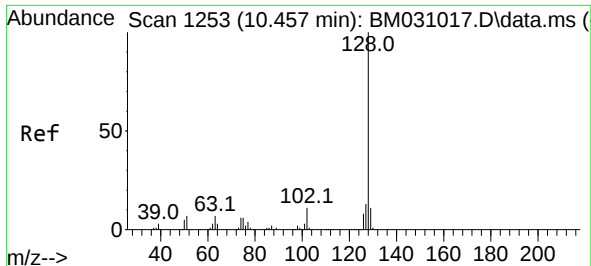
Tgt Ion:162 Resp: 13407
Ion Ratio Lower Upper
162 100
164 64.4 46.5 86.5
98 35.8 12.1 52.1



#30
1,2,4-Trichlorobenzene
Concen: 4.381 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:180 Resp: 15541
Ion Ratio Lower Upper
180 100
182 99.8 76.3 114.5
145 30.6 22.3 33.5

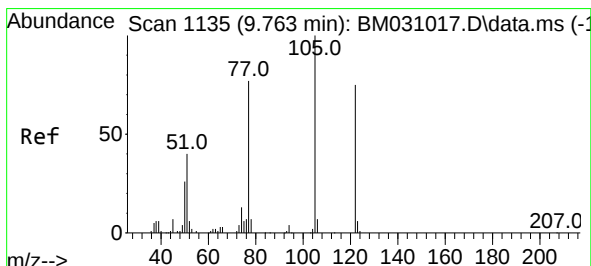
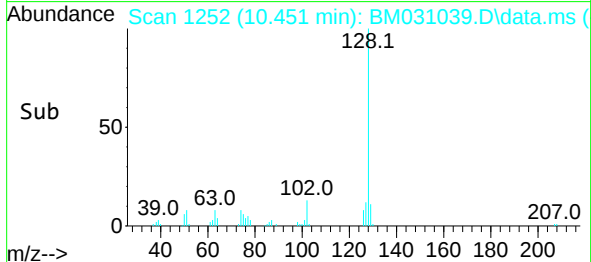
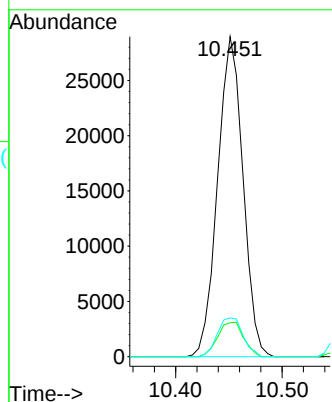
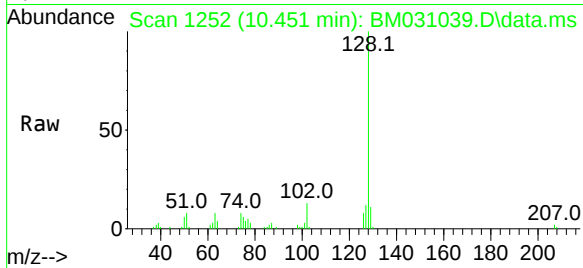




#31
Naphthalene
Concen: 4.538 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

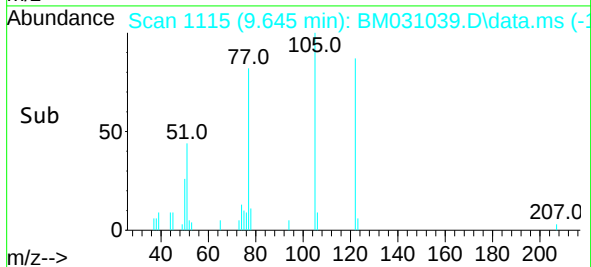
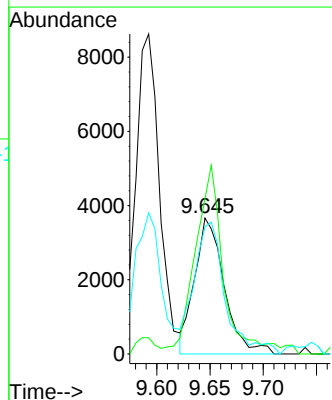
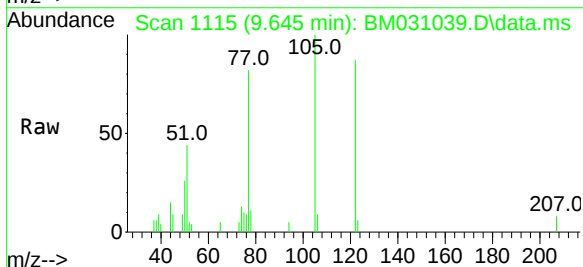
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

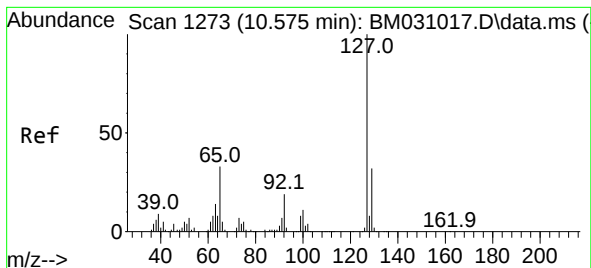
Tgt Ion:	128	Resp:	47803
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.0	13.6
127	12.1	10.8	16.2



#32
Benzoic acid
Concen: 3.043 ng
RT: 9.645 min Scan# 1115
Delta R.T. -0.118 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:	122	Resp:	7083
Ion Ratio	Lower	Upper	
122	100		
105	114.4	107.3	147.3
77	93.5	88.0	128.0

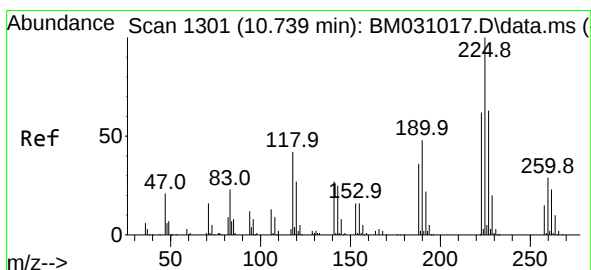
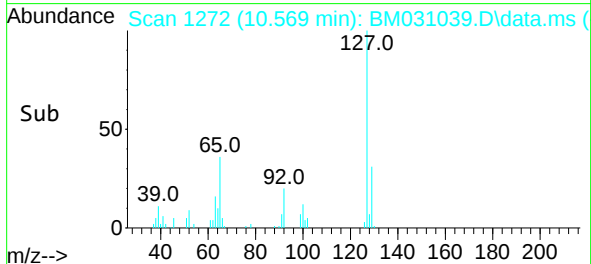
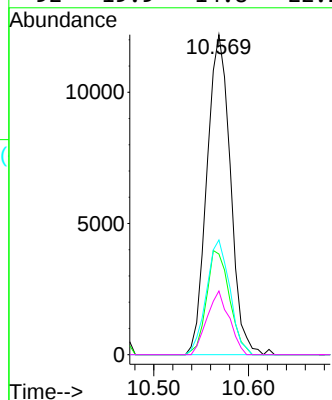
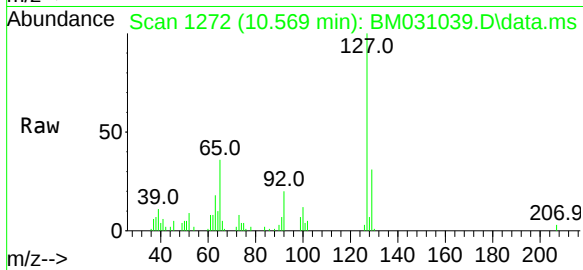




#33
4-Chloroaniline
Concen: 4.618 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

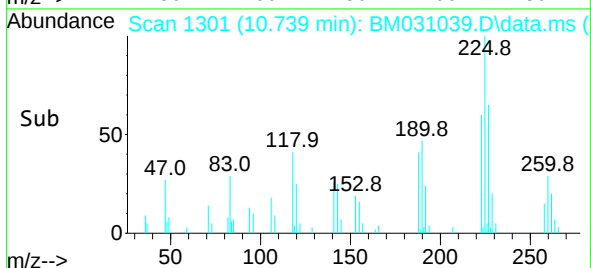
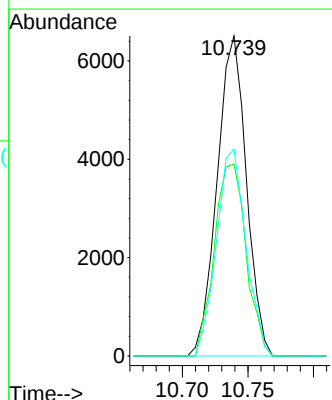
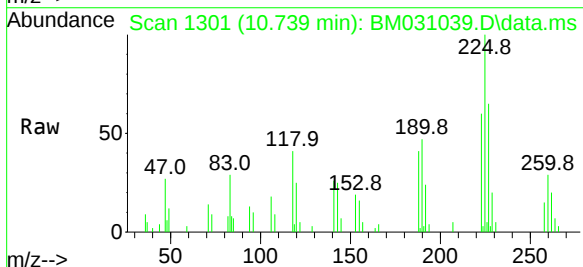
Instrument :
BNA_M
ClientSampleId :
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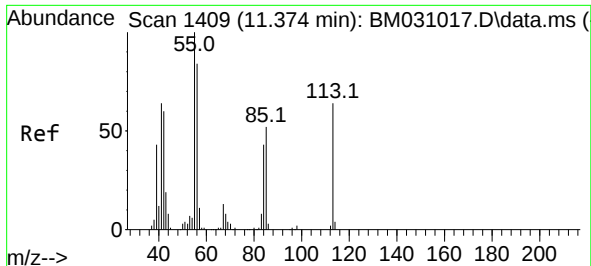
Tgt Ion:127	Resp:	20985
Ion Ratio	Lower	Upper
127 100		
129 31.5	26.8	40.2
65 35.9	25.2	37.8
92 19.9	14.8	22.2



#34
Hexachlorobutadiene
Concen: 4.430 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:225	Resp:	10092
Ion Ratio	Lower	Upper
225 100		
223 62.9	52.1	78.1
227 64.7	53.8	80.6

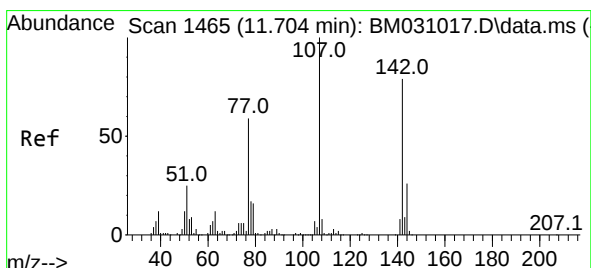
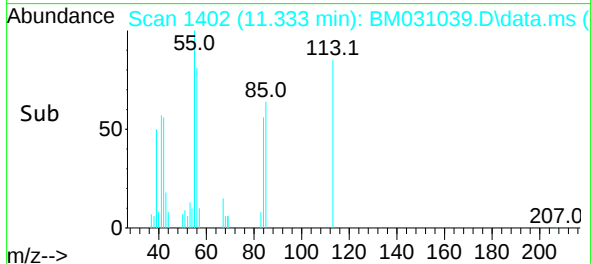
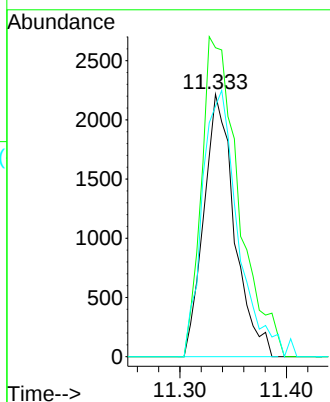
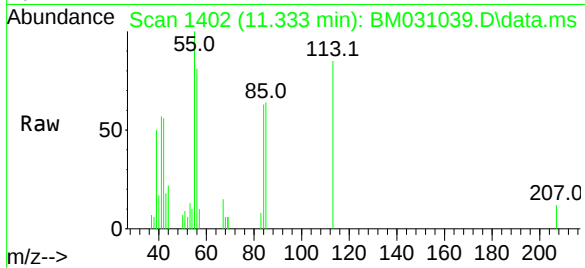




#35
Caprolactam
Concen: 4.079 ng
RT: 11.333 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

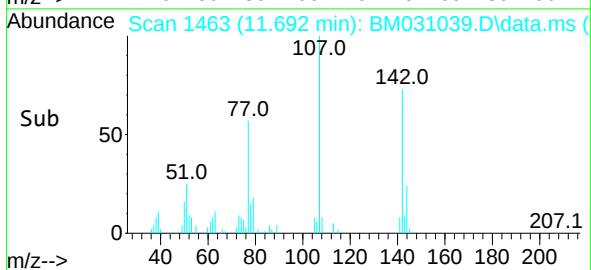
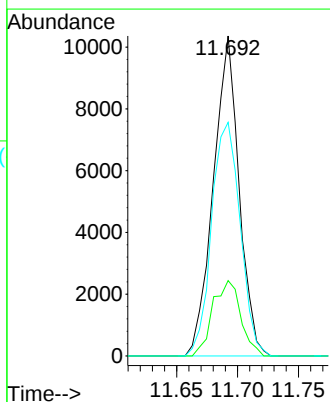
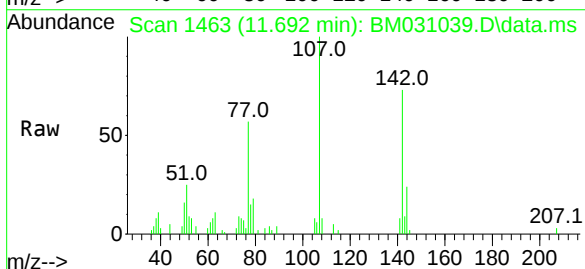
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

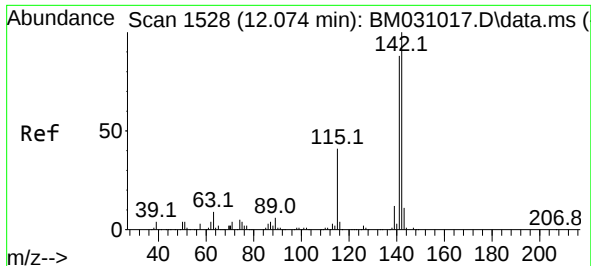
Tgt Ion:113 Resp: 4430
Ion Ratio Lower Upper
113 100
55 117.7 132.0 172.0#
56 95.4 96.3 136.3#



#36
4-Chloro-3-methylphenol
Concen: 4.133 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:107 Resp: 15238
Ion Ratio Lower Upper
107 100
144 23.5 22.3 33.5
142 73.0 69.3 103.9

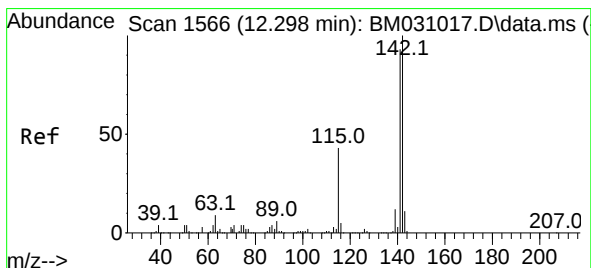
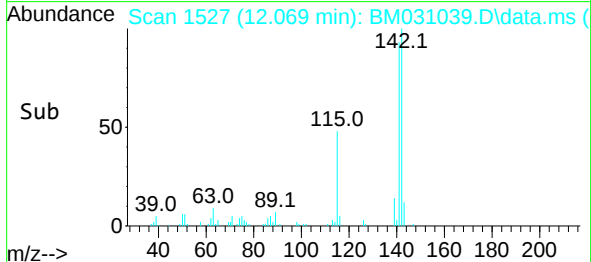
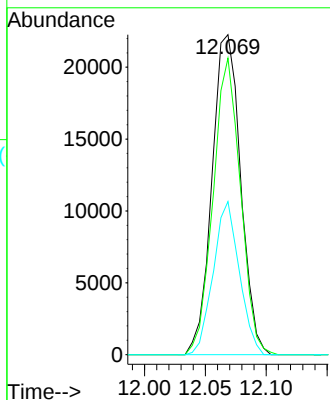
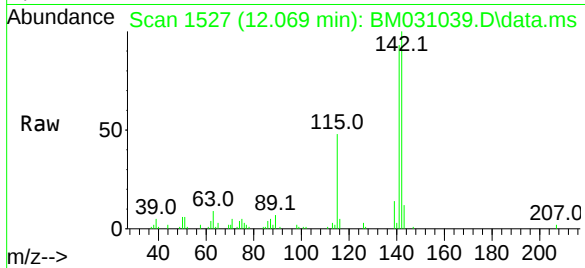




#37
2-Methylnaphthalene
Concen: 4.497 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

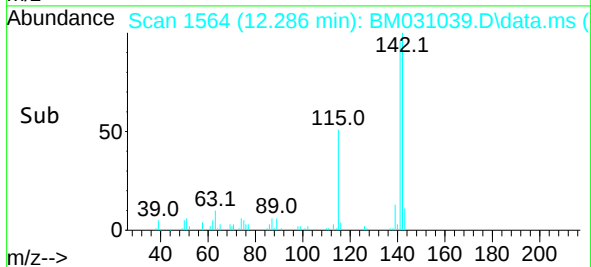
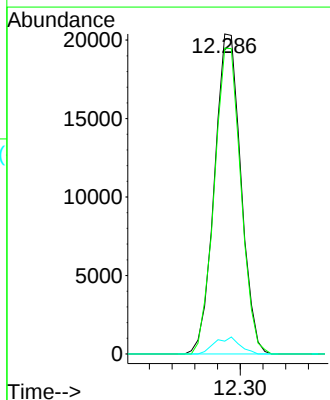
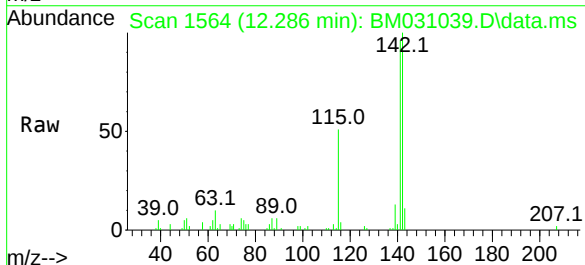
Instrument :
BNA_M
ClientSampleId :
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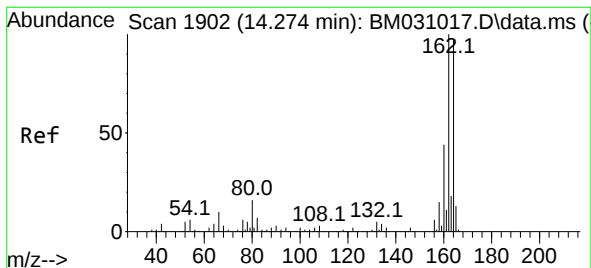
Tgt Ion:142 Resp: 36512
Ion Ratio Lower Upper
142 100
141 92.6 71.7 107.5
115 47.8 29.1 43.7#



#38
1-Methylnaphthalene
Concen: 4.260 ng
RT: 12.286 min Scan# 1564
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

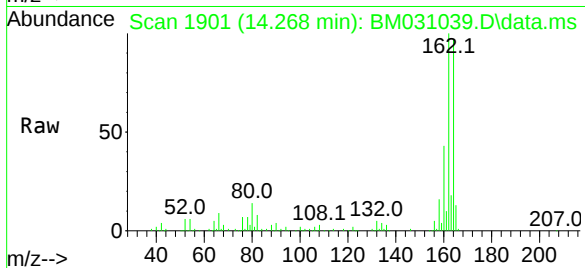
Tgt Ion:142 Resp: 32939
Ion Ratio Lower Upper
142 100
141 95.6 74.2 111.4
116 4.0 3.0 4.6



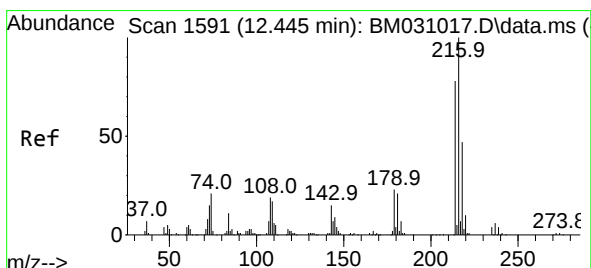
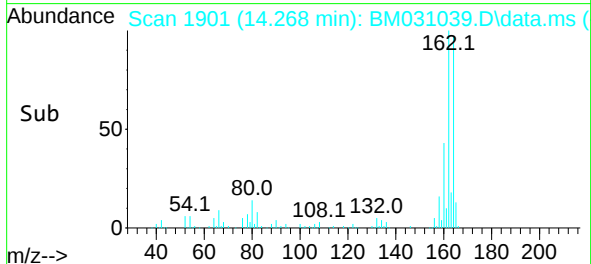
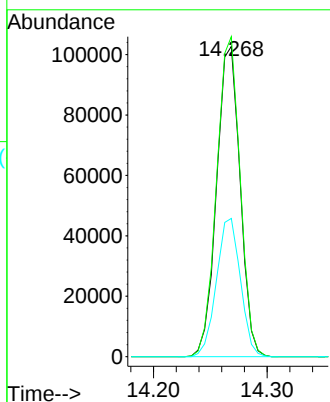


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.268 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

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

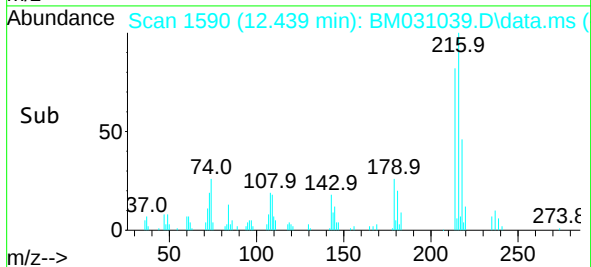
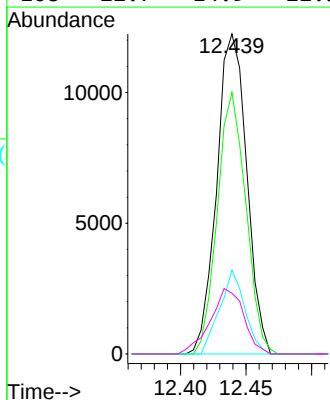
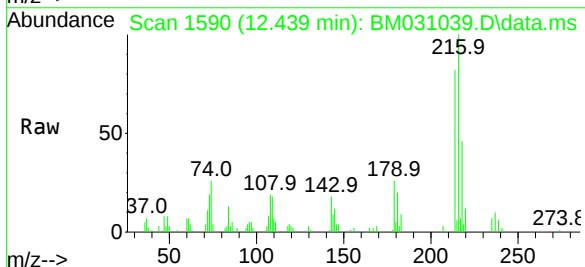


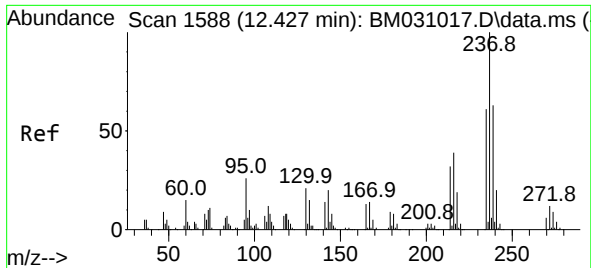
Tgt Ion:164 Resp: 147849
Ion Ratio Lower Upper
164 100
162 103.2 83.4 125.0
160 44.6 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.726 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:216 Resp: 19468
Ion Ratio Lower Upper
216 100
214 77.4 63.0 94.4
179 22.0 17.6 26.4
108 22.7 14.9 22.3#

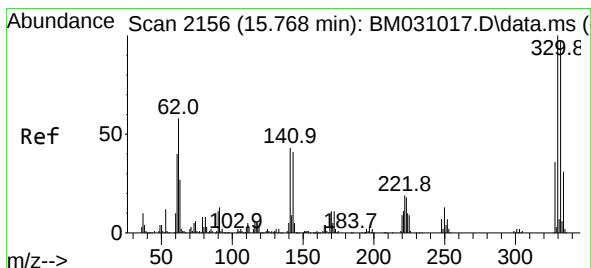
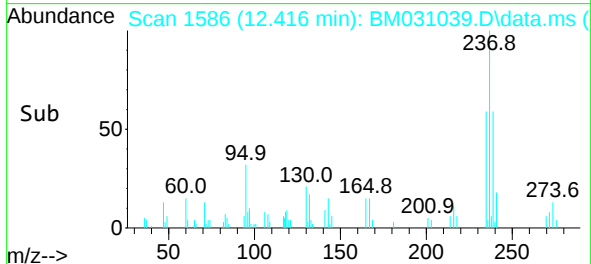
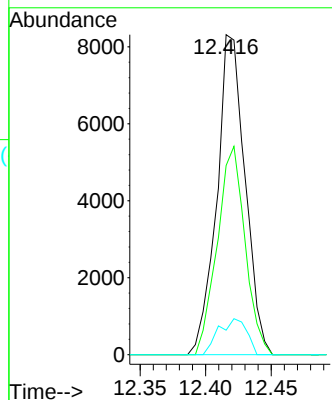
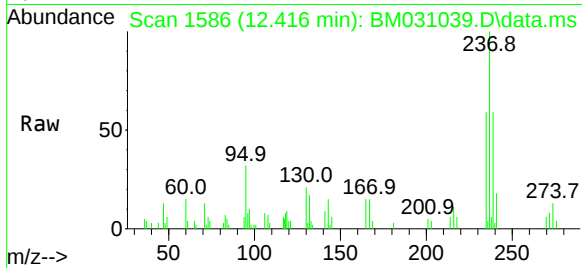




#41
Hexachlorocyclopentadiene
Concen: 5.440 ng
RT: 12.416 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

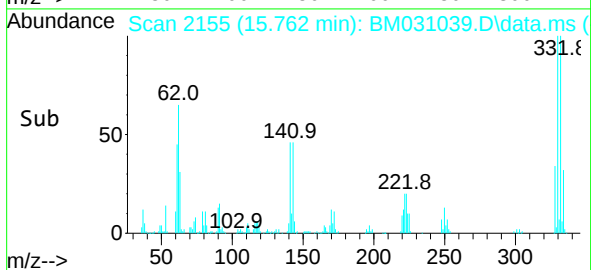
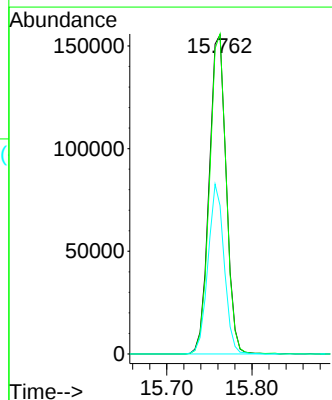
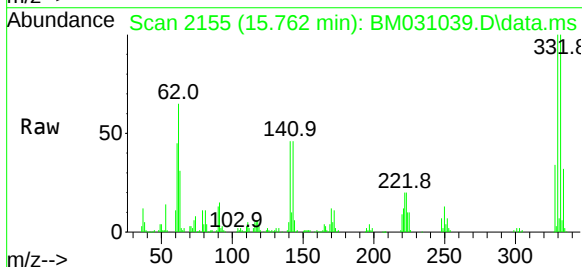
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

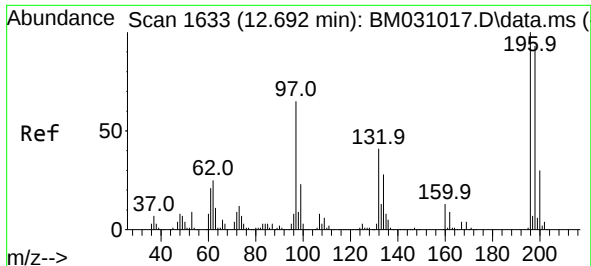
Tgt Ion:237	Resp:	12466
Ion Ratio	Lower	Upper
237	100	
235	59.1	42.4 82.4
272	7.7	0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 111.550 ng
RT: 15.762 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:330	Resp:	215364
Ion Ratio	Lower	Upper
330	100	
332	98.0	77.0 115.4
141	50.4	30.2 45.2#

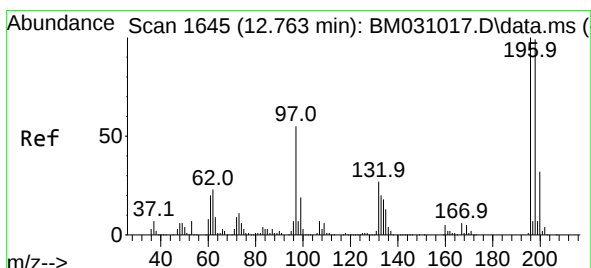
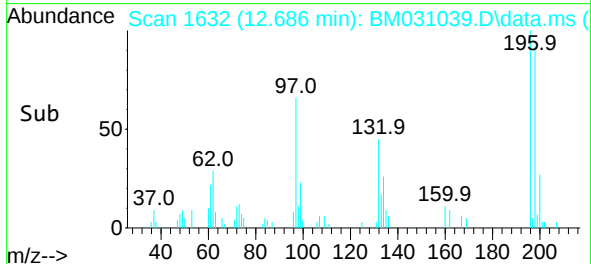
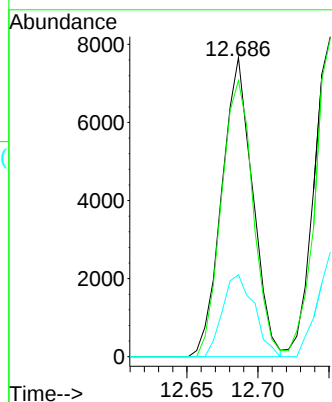
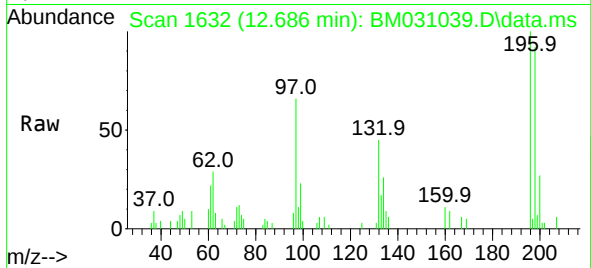




#43
2,4,6-Trichlorophenol
Concen: 4.013 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

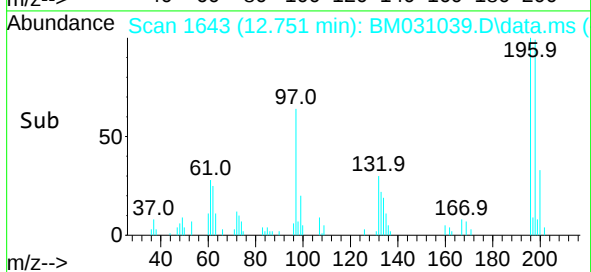
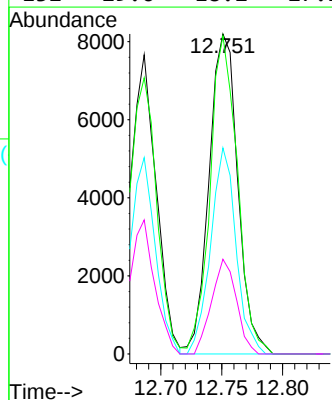
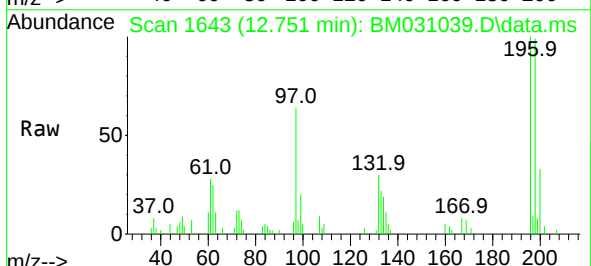
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

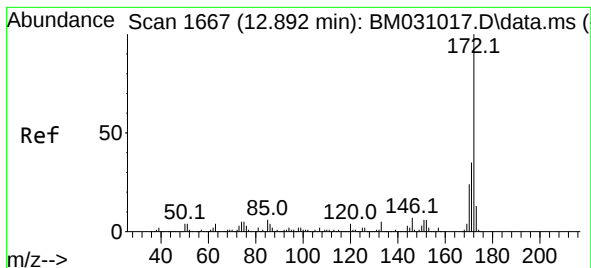
Tgt Ion:196 Resp: 11612
Ion Ratio Lower Upper
196 100
198 92.3 77.6 116.4
200 27.4 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 4.188 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:196 Resp: 13418
Ion Ratio Lower Upper
196 100
198 99.4 77.0 115.4
97 64.4 36.6 55.0#
132 29.6 18.2 27.2#





#45

2-Fluorobiphenyl

Concen: 70.177 ng

RT: 12.886 min Scan# 1666

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

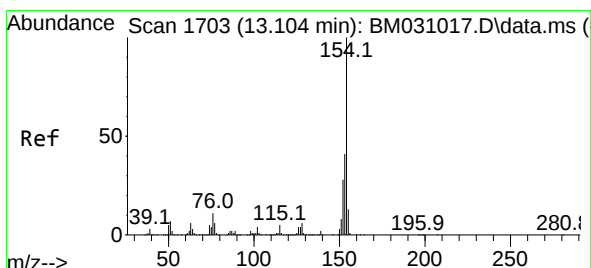
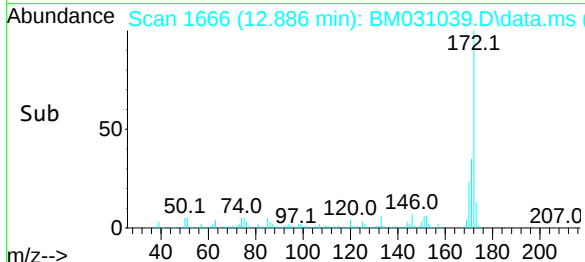
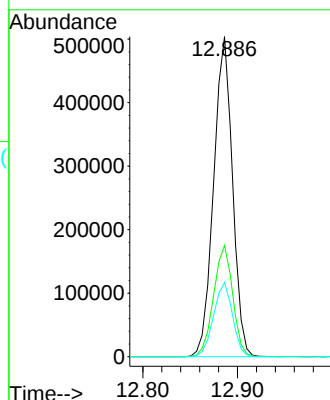
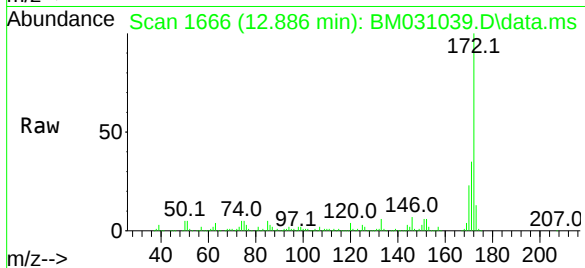
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:172	Resp: 695391
Ion Ratio	Lower Upper
172	100
171	34.8 28.6 43.0
170	23.2 18.4 27.6



#46

1,1'-Biphenyl

Concen: 4.701 ng

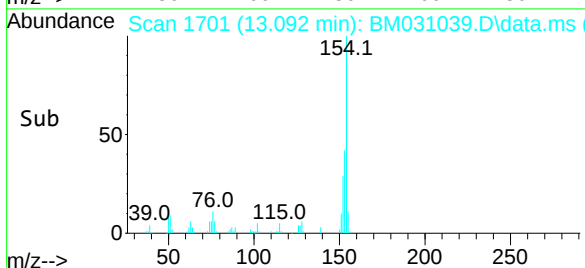
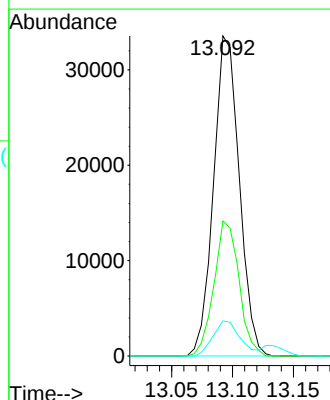
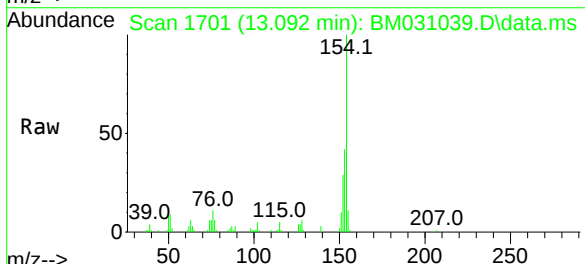
RT: 13.092 min Scan# 1701

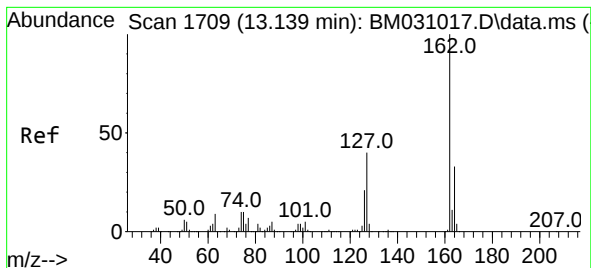
Delta R.T. -0.012 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:154	Resp: 49286
Ion Ratio	Lower Upper
154	100
153	42.1 20.7 60.7
76	11.0 0.0 31.0

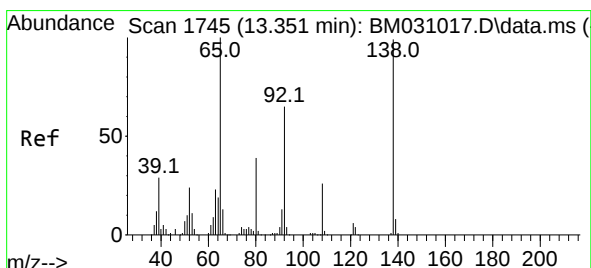
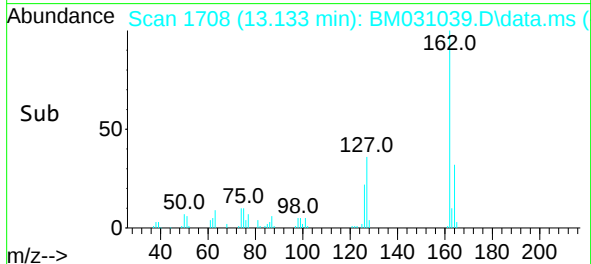
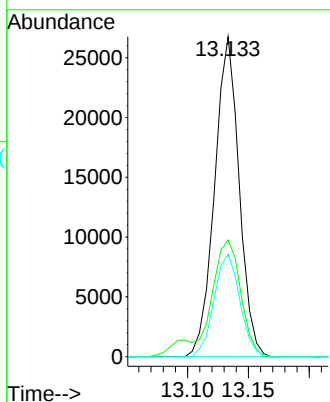
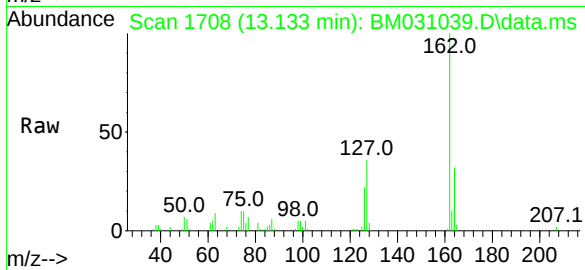




#47
2-Chloronaphthalene
Concen: 4.561 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

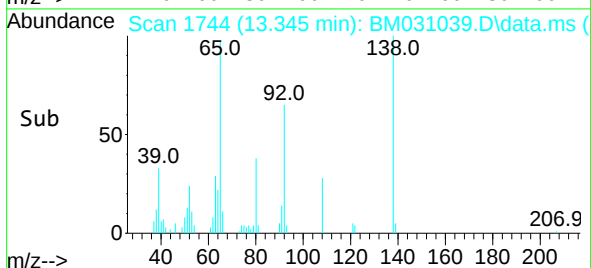
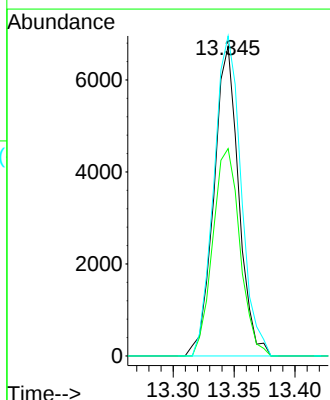
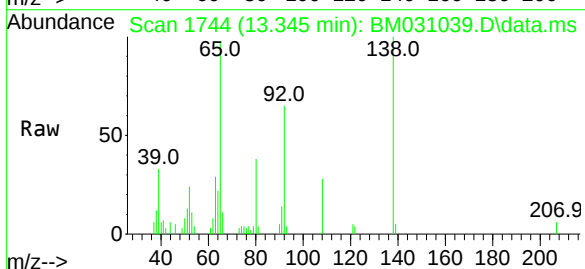
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

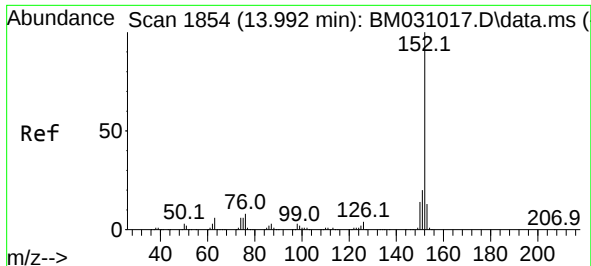
Tgt Ion:	162	Resp:	37449
Ion Ratio	Lower	Upper	
162	100		
127	36.4	27.1	40.7
164	32.1	26.1	39.1



#48
2-Nitroaniline
Concen: 3.658 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:	65	Resp:	9571
Ion Ratio	Lower	Upper	
65	100		
92	66.9	55.5	83.3
138	103.3	85.7	128.5

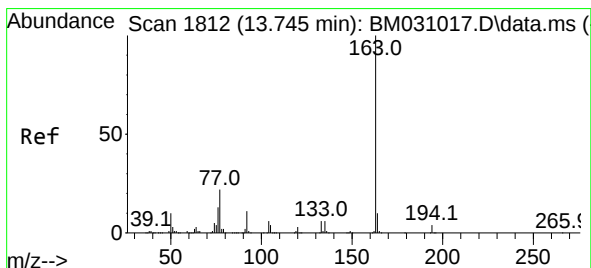
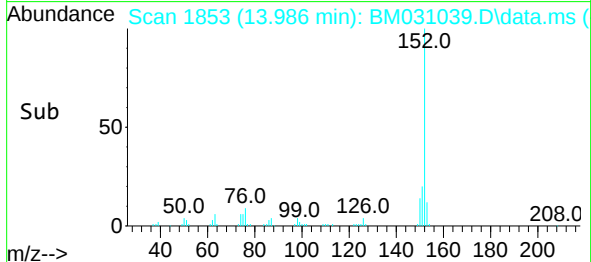
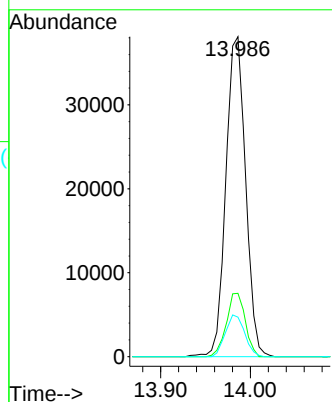
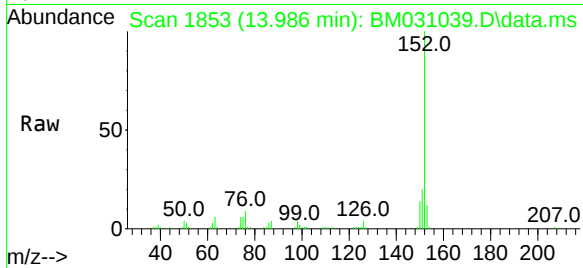




#49
Acenaphthylene
Concen: 4.429 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

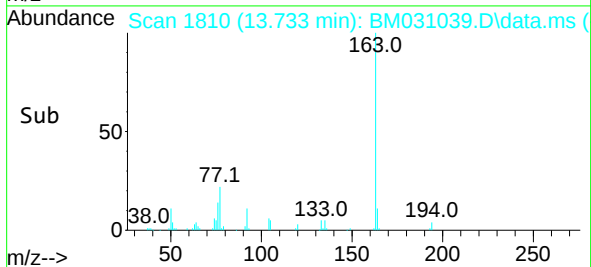
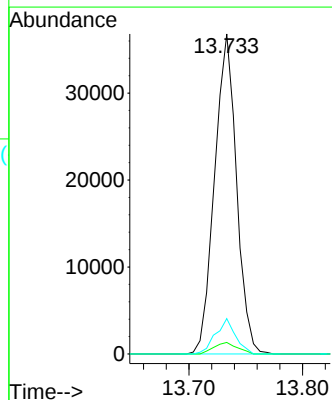
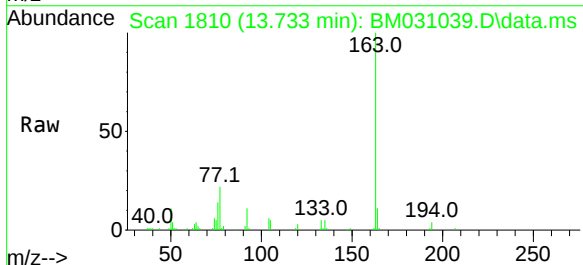
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

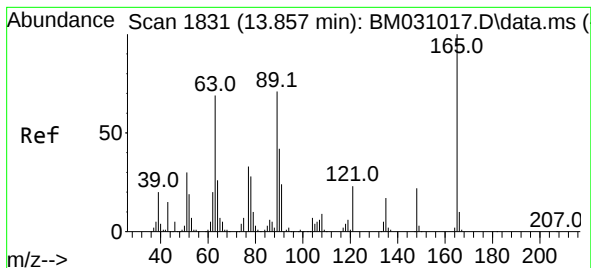
Tgt Ion:152	Resp:	58126
Ion Ratio	Lower	Upper
152	100	
151	19.8	16.3 24.5
153	12.4	10.2 15.4



#50
Dimethylphthalate
Concen: 4.453 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:163	Resp:	49386
Ion Ratio	Lower	Upper
163	100	
194	3.6	3.3 4.9
164	11.1	7.9 11.9

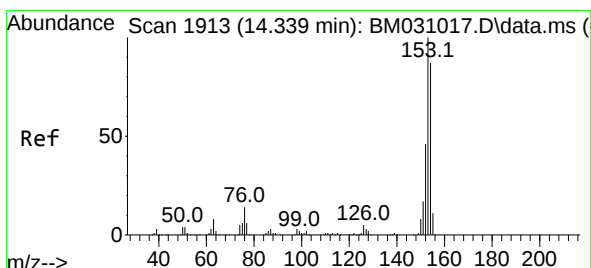
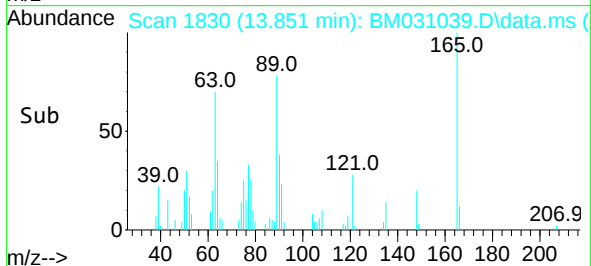
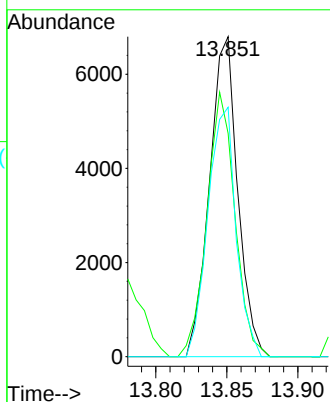
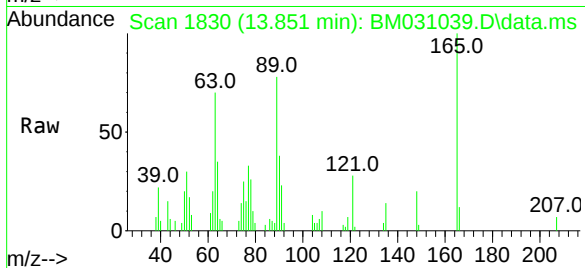




#51
2,6-Dinitrotoluene
Concen: 3.774 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

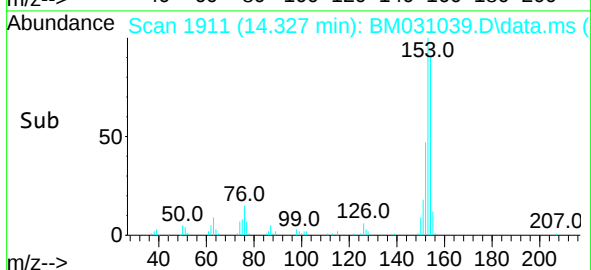
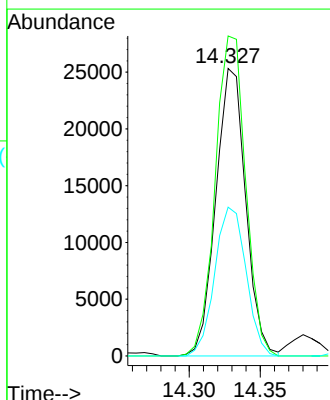
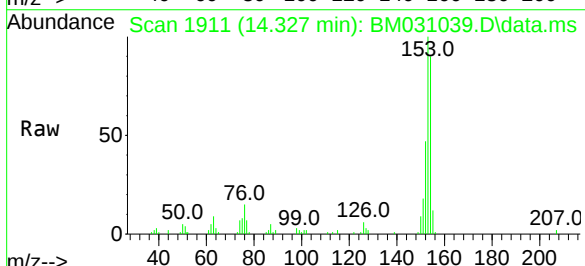
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

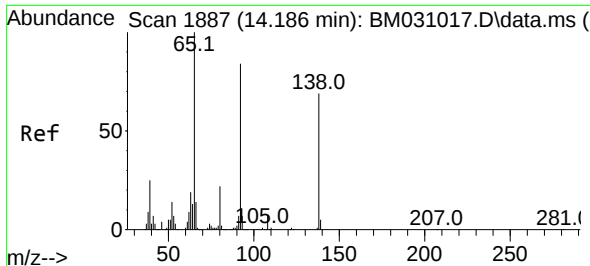
Tgt Ion:165 Resp: 9375
Ion Ratio Lower Upper
165 100
63 69.8 45.3 67.9#
89 78.0 46.3 69.5#



#52
Acenaphthene
Concen: 4.485 ng
RT: 14.327 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:154 Resp: 37048
Ion Ratio Lower Upper
154 100
153 111.3 92.2 138.2
152 51.8 43.4 65.2

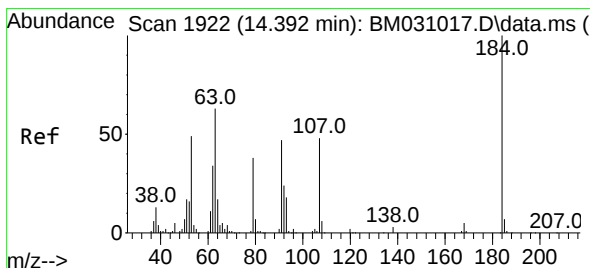
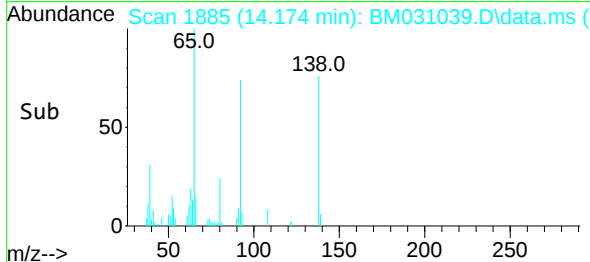
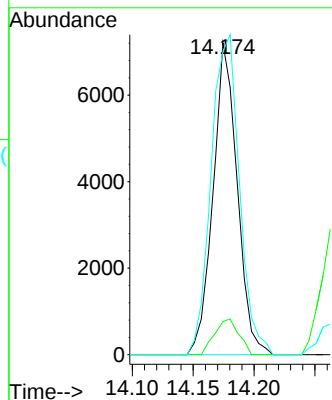
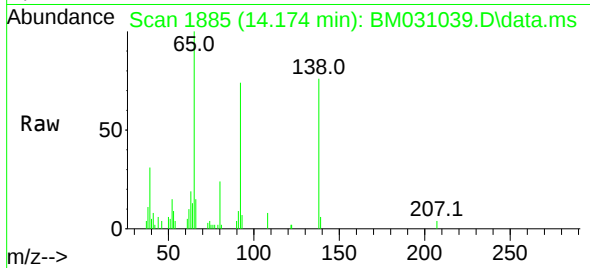




#53
3-Nitroaniline
Concen: 3.957 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

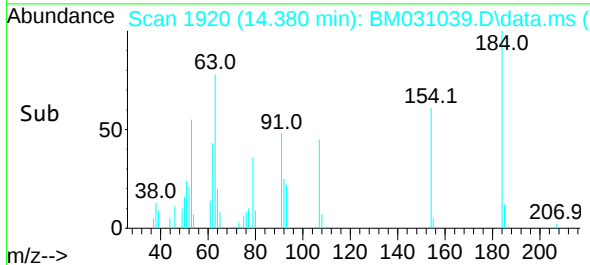
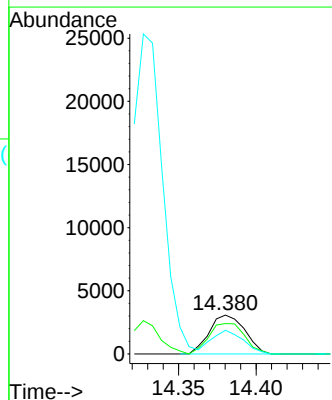
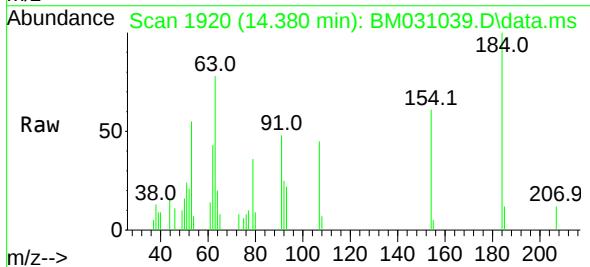
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

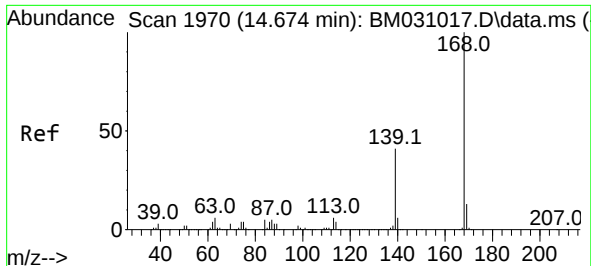
Tgt Ion:138 Resp: 9930
Ion Ratio Lower Upper
138 100
108 10.6 7.7 11.5
92 97.2 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 3.349 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:184 Resp: 4906
Ion Ratio Lower Upper
184 100
63 78.0 54.2 81.2
154 60.7 56.1 84.1

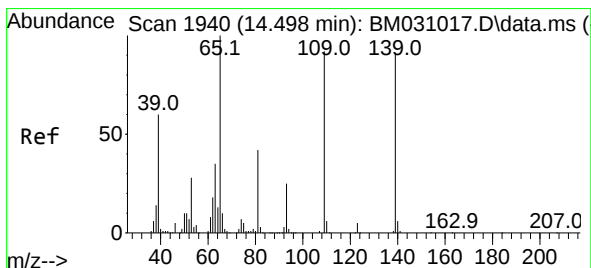
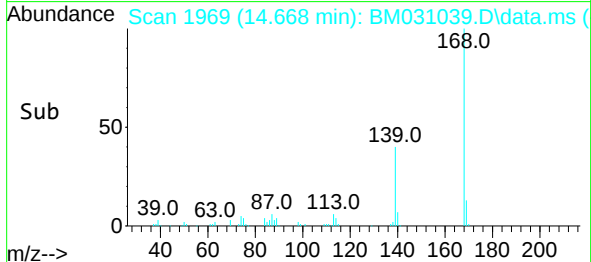
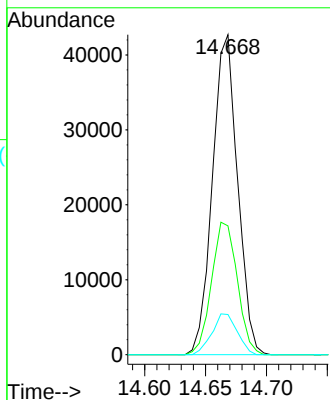
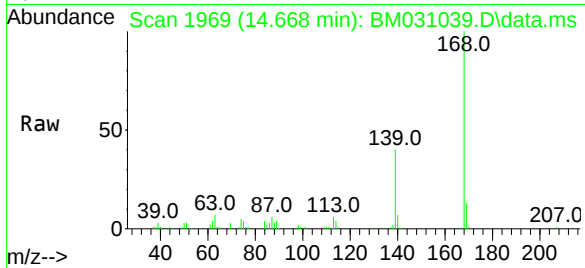




#55
Dibenzenofuran
Concen: 4.524 ng
RT: 14.668 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

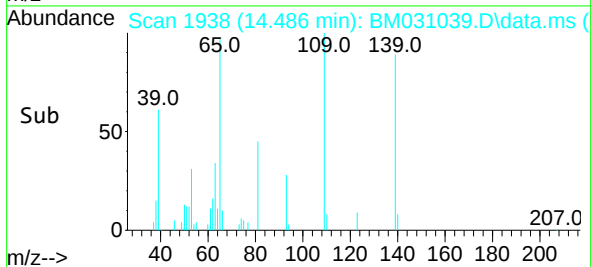
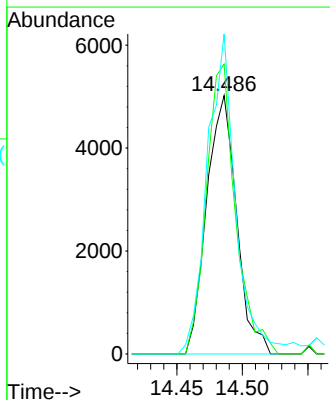
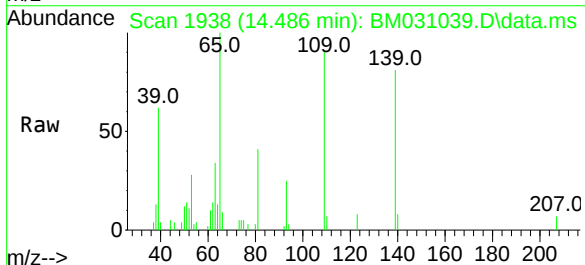
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

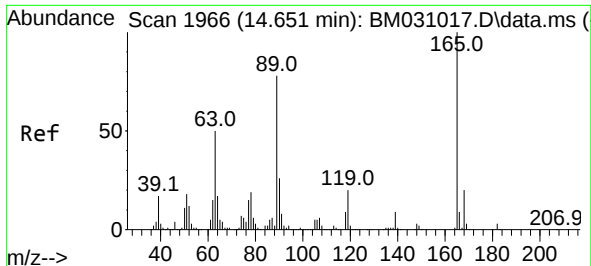
Tgt Ion:168 Resp: 61280
Ion Ratio Lower Upper
168 100
139 40.3 29.4 44.0
169 12.6 10.8 16.2



#56
4-Nitrophenol
Concen: 3.584 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

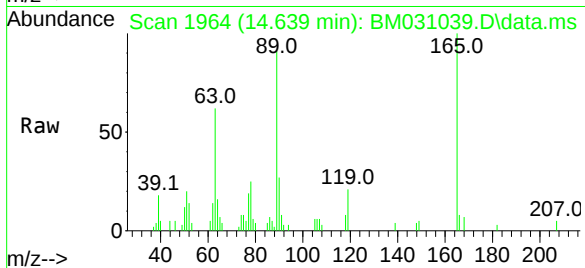
Tgt Ion:139 Resp: 7953
Ion Ratio Lower Upper
139 100
109 112.2 64.5 104.5#
65 123.8 78.9 118.9#



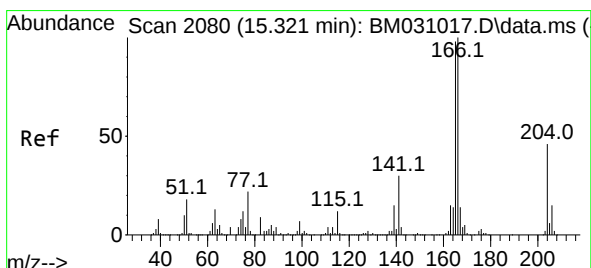
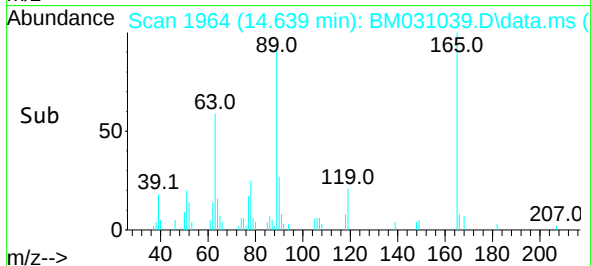
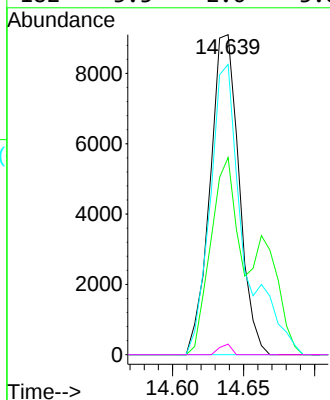


#57
2,4-Dinitrotoluene
Concen: 3.736 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

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

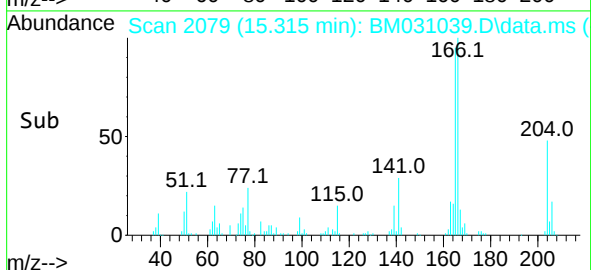
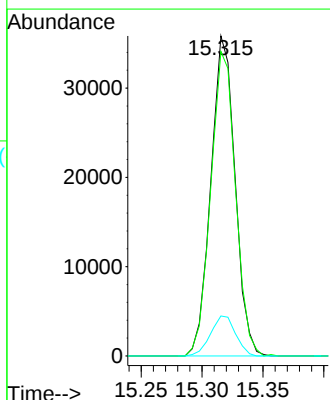
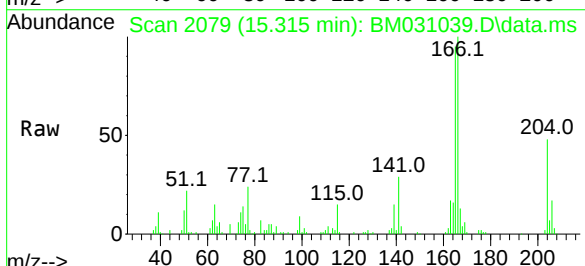


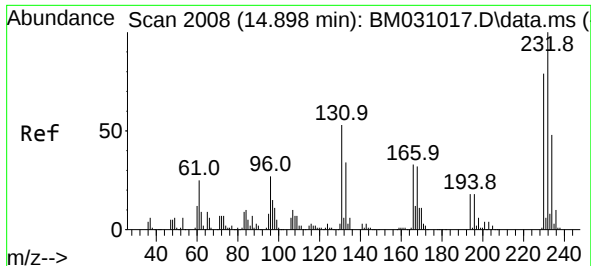
Tgt Ion:	165	Resp:	12922
Ion	Ratio	Lower	Upper
165	100		
63	61.6	35.0	52.4#
89	90.7	55.2	82.8#
182	3.3	2.6	3.8



#58
Fluorene
Concen: 4.332 ng
RT: 15.315 min Scan# 2079
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:	166	Resp:	49506
Ion	Ratio	Lower	Upper
166	100		
165	95.2	79.0	118.6
167	12.5	10.8	16.2

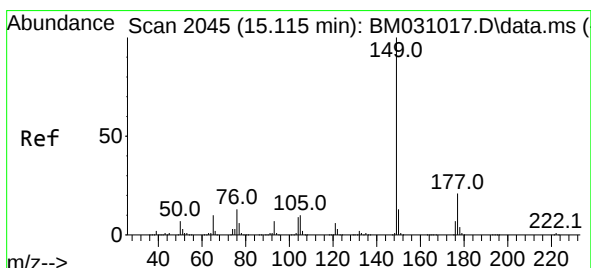
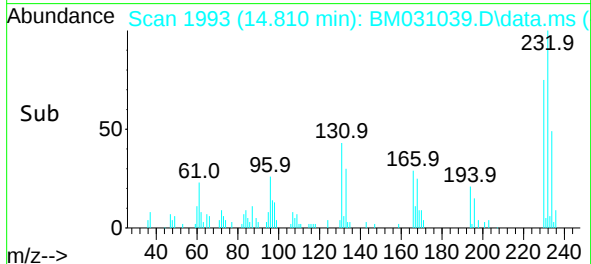
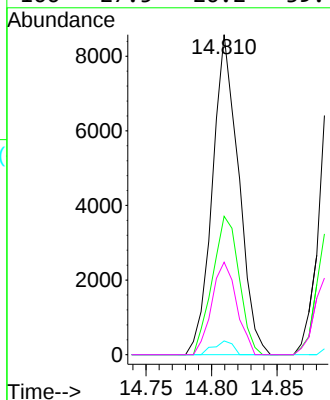
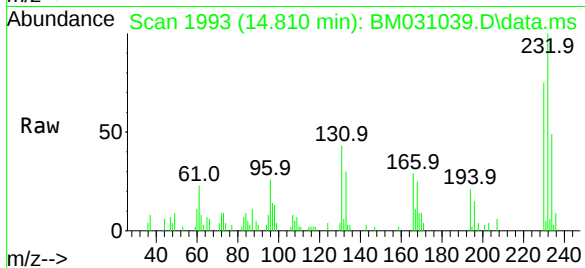




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.991 ng
RT: 14.810 min Scan# 1993
Delta R.T. -0.088 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

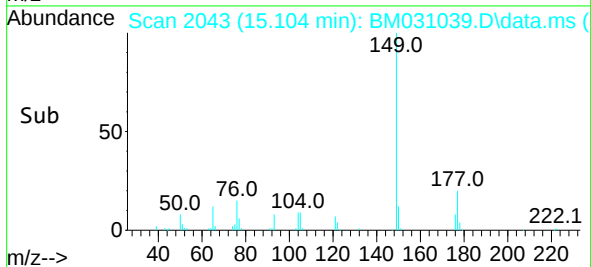
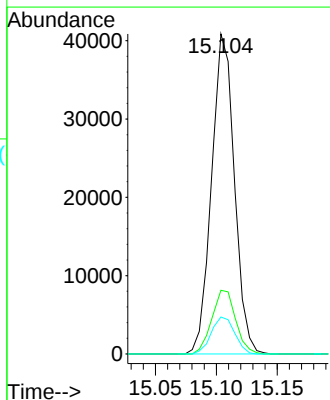
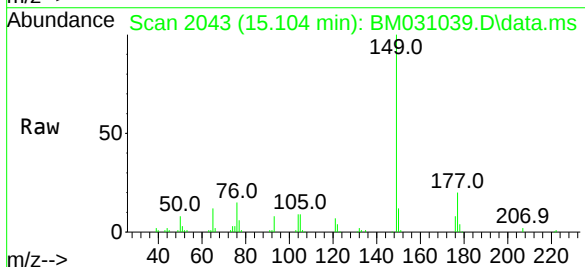
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

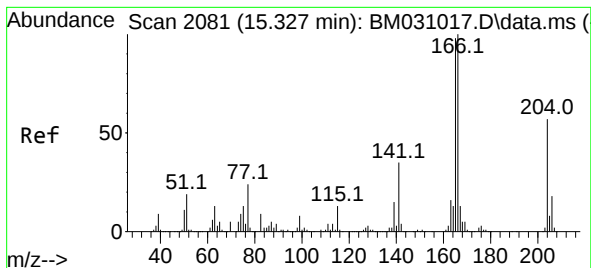
Tgt Ion:232	Resp:	11914
Ion Ratio	Lower	Upper
232	100	
131	44.1	34.4 51.6
130	3.2	2.2 3.2
166	27.5	26.2 39.4



#60
Diethylphthalate
Concen: 4.472 ng
RT: 15.104 min Scan# 2043
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:149	Resp:	53174
Ion Ratio	Lower	Upper
149	100	
177	19.9	17.9 26.9
150	11.6	10.3 15.5

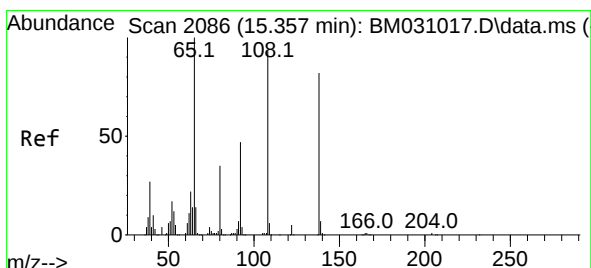
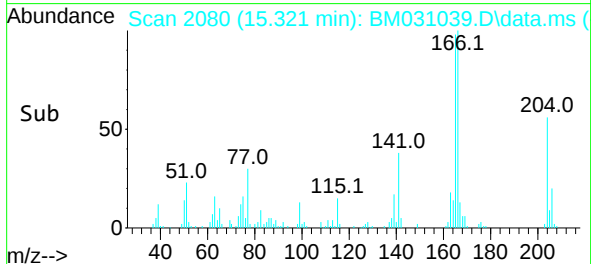
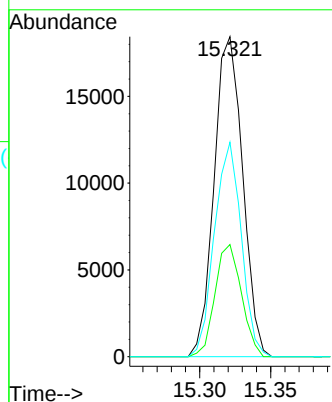
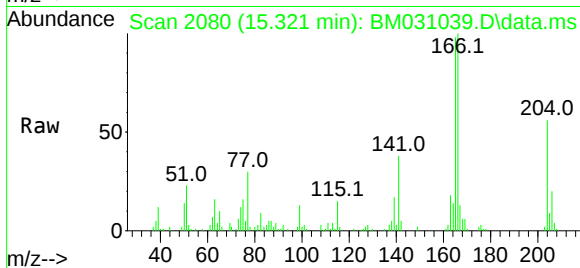




#61
4-Chlorophenyl-phenylether
Concen: 4.552 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

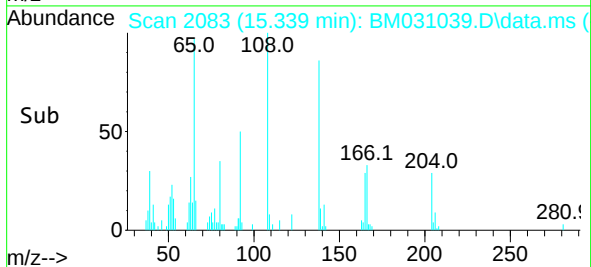
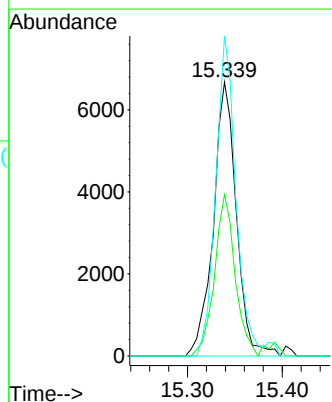
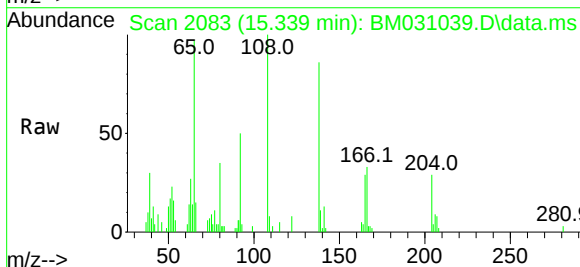
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

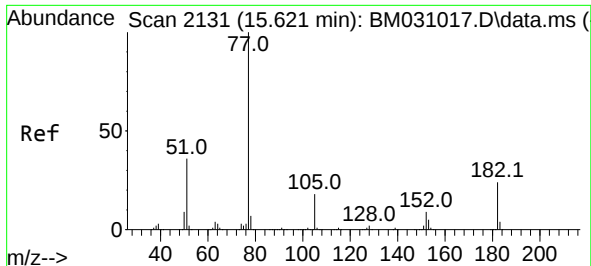
Tgt Ion:204 Resp: 25756
Ion Ratio Lower Upper
204 100
206 35.1 25.5 38.3
141 67.0 40.3 60.5#



#62
4-Nitroaniline
Concen: 4.071 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.018 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:138 Resp: 11269
Ion Ratio Lower Upper
138 100
92 58.9 33.4 73.4
108 116.8 75.5 115.5#

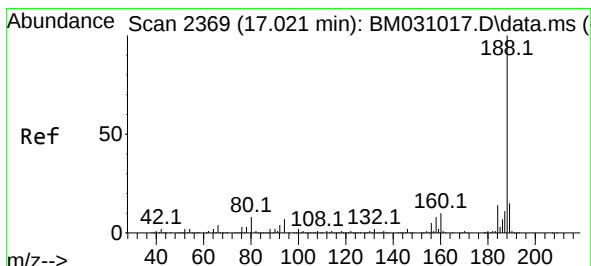
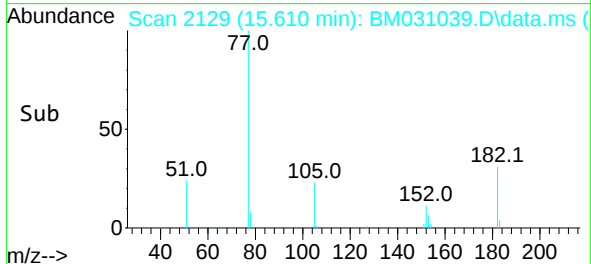
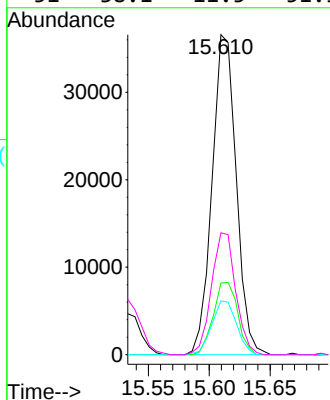
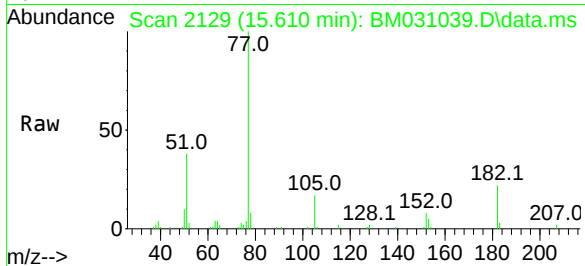




#63
Azobenzene
Concen: 4.263 ng
RT: 15.610 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

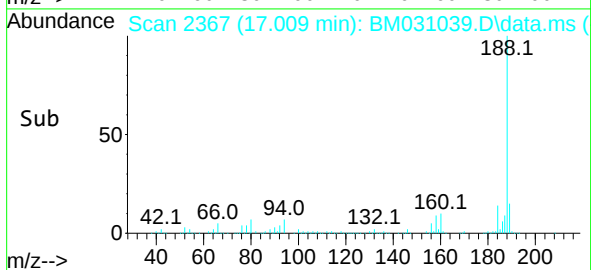
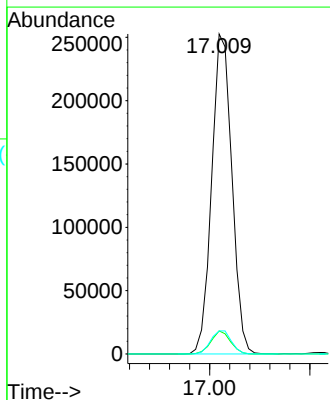
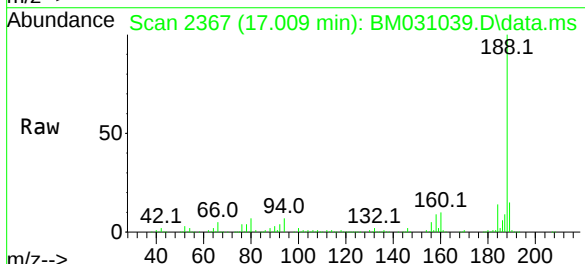
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

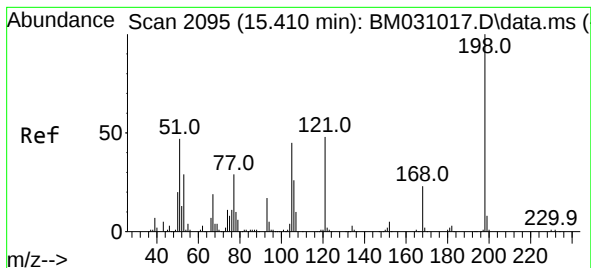
Tgt Ion: 77	Resp: 50452
Ion Ratio	Lower Upper
77 100	
182 22.4	6.8 46.8
105 16.8	0.0 36.6
51 38.1	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.009 min Scan# 2367
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion: 188	Resp: 353004
Ion Ratio	Lower Upper
188 100	
94 7.2	6.0 9.0
80 7.2	6.6 9.8

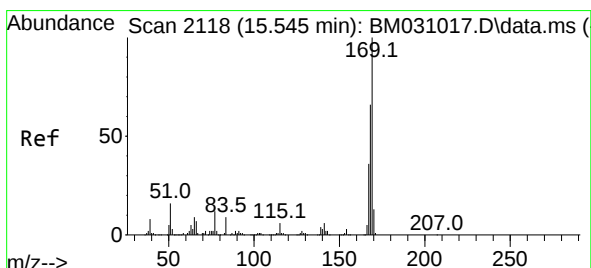
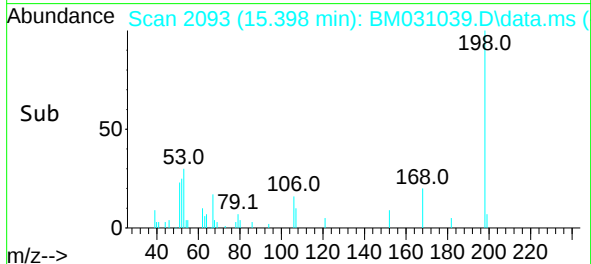
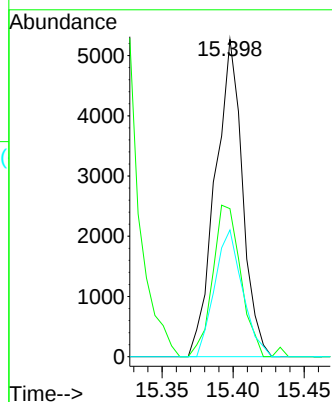
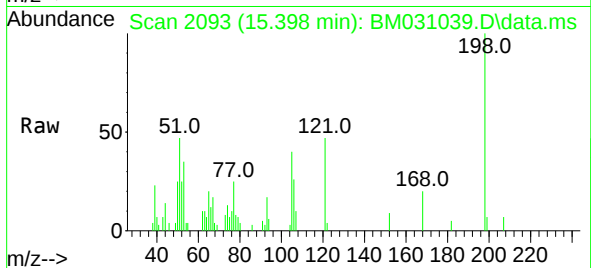




#65
4,6-Dinitro-2-methylphenol
Concen: 3.172 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

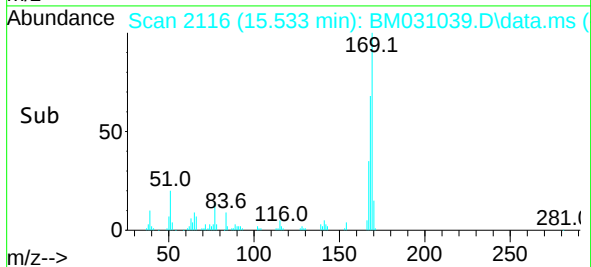
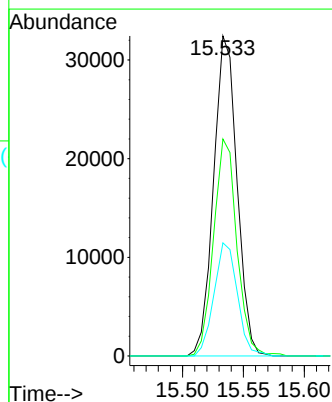
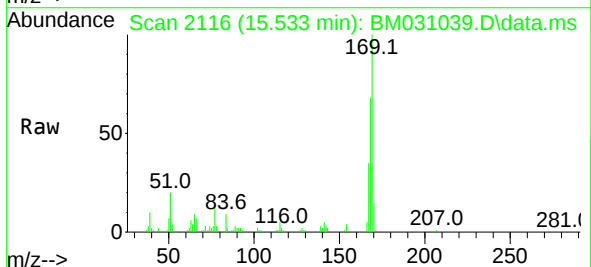
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

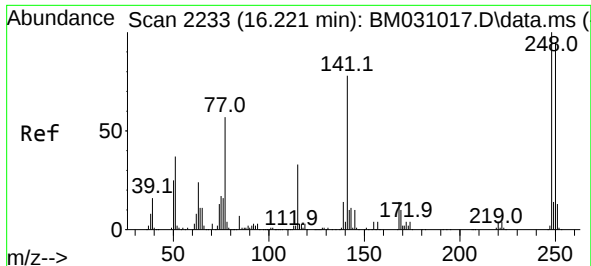
Tgt Ion:198 Resp: 7022
Ion Ratio Lower Upper
198 100
51 46.6 18.9 58.9
105 40.0 17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 4.186 ng
RT: 15.533 min Scan# 2116
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:169 Resp: 43432
Ion Ratio Lower Upper
169 100
168 67.8 54.2 81.2
167 35.3 29.0 43.6

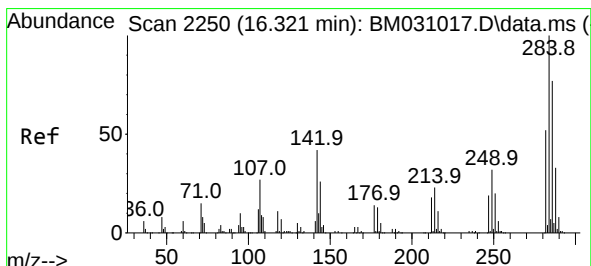
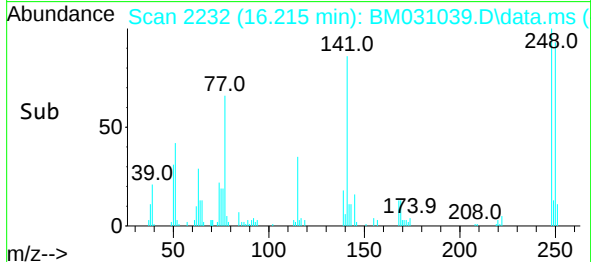
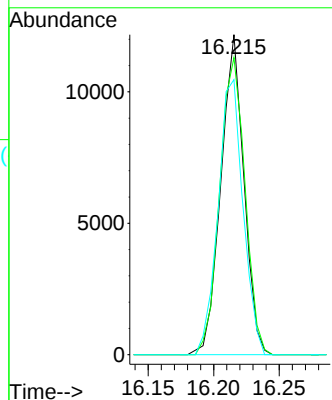
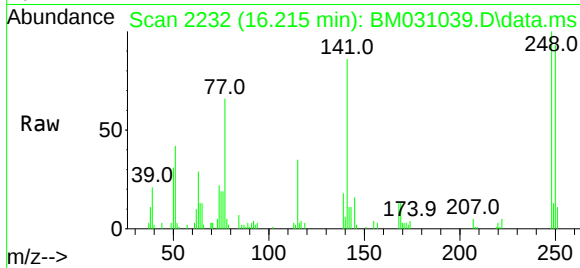




#67
4-Bromophenyl-phenylether
Concen: 4.055 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

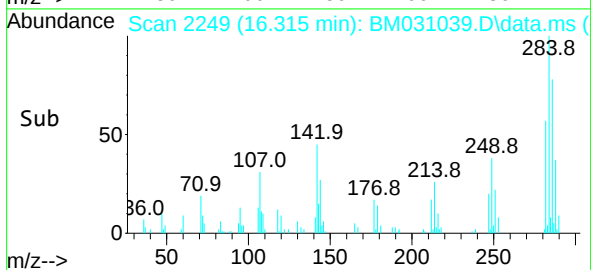
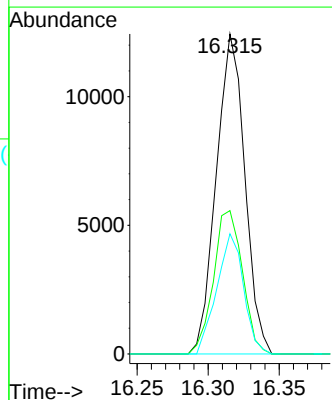
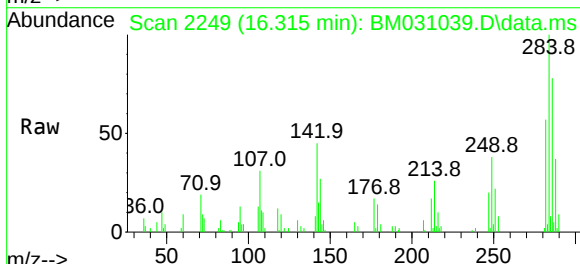
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

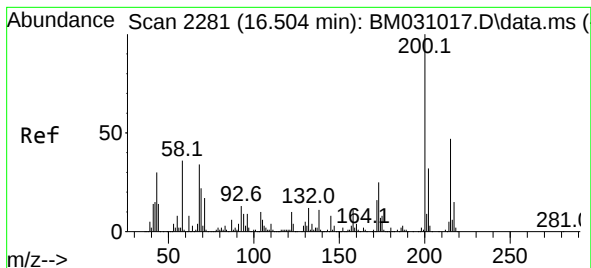
Tgt Ion:248 Resp: 14810
Ion Ratio Lower Upper
248 100
250 92.8 77.9 116.9
141 86.0 56.2 84.2#



#68
Hexachlorobenzene
Concen: 4.225 ng
RT: 16.315 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:284 Resp: 17389
Ion Ratio Lower Upper
284 100
142 44.8 29.0 43.4#
249 37.6 26.0 39.0





#69

Atrazine

Concen: 4.326 ng

RT: 16.492 min Scan# 2279

Delta R.T. -0.012 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:200 Resp: 16479

Ion Ratio Lower Upper

200 100

173 27.5 3.8 43.8

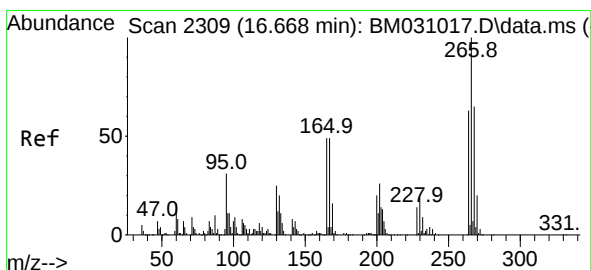
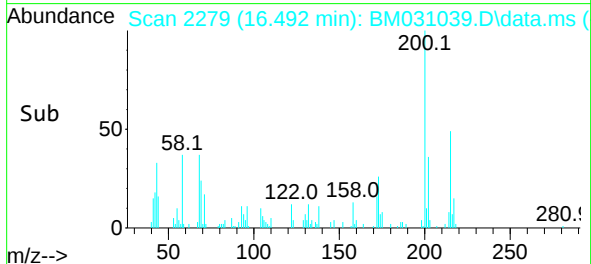
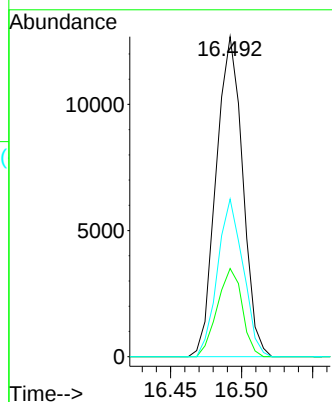
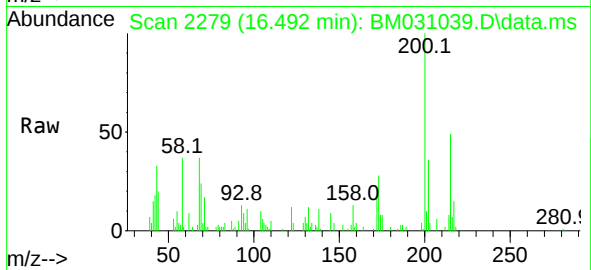
215 49.3 24.8 64.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#70

Pentachlorophenol

Concen: 3.845 ng

RT: 16.662 min Scan# 2308

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

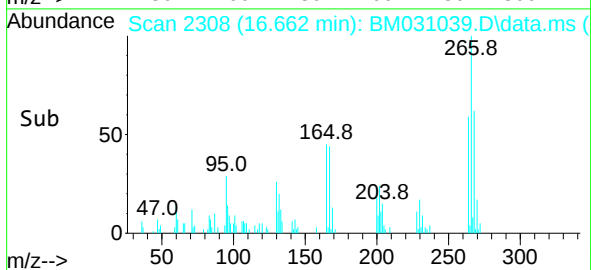
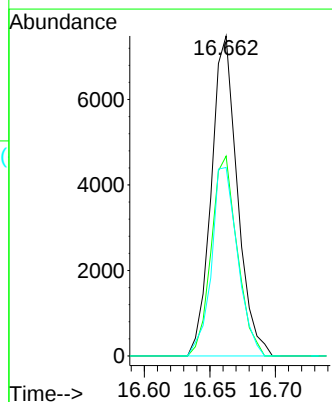
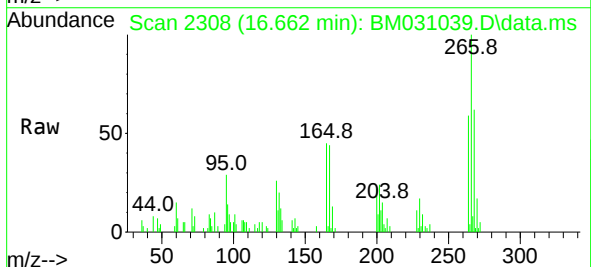
Tgt Ion:266 Resp: 10347

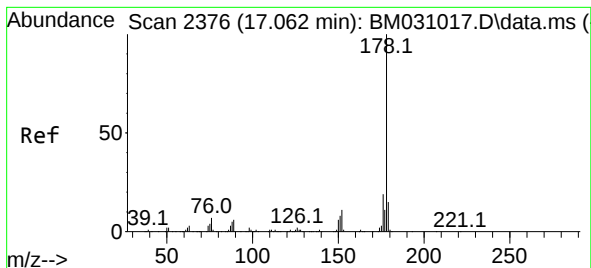
Ion Ratio Lower Upper

266 100

268 64.9 52.8 79.2

264 58.9 51.9 77.9

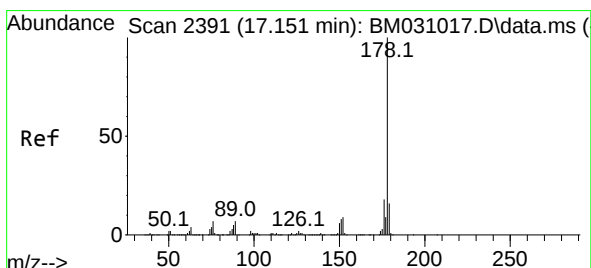
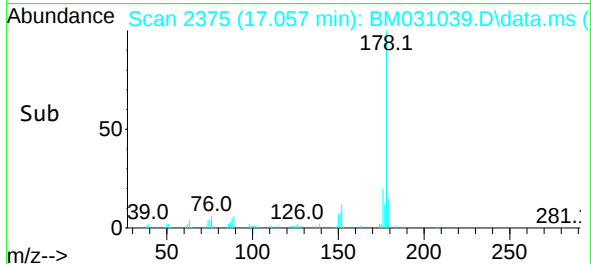
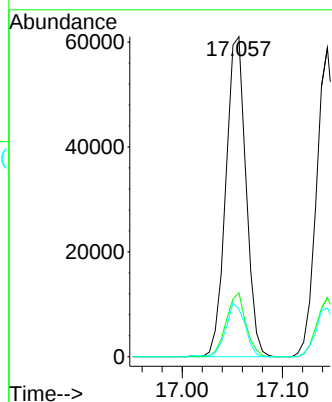
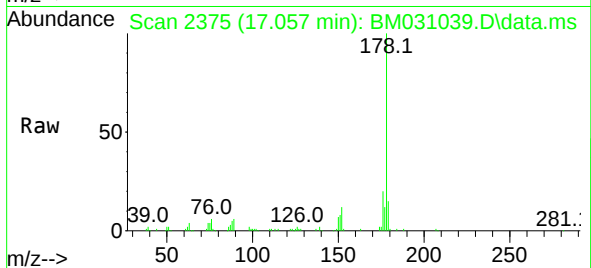




#71
Phenanthrene
Concen: 4.343 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

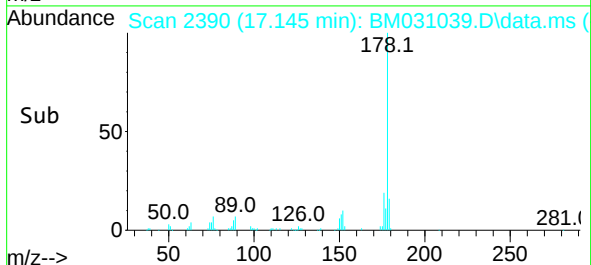
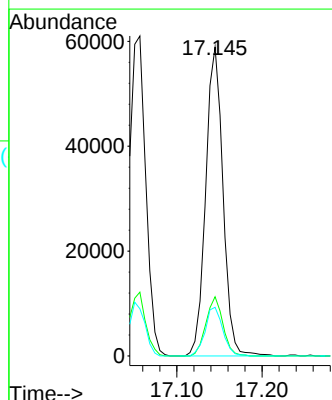
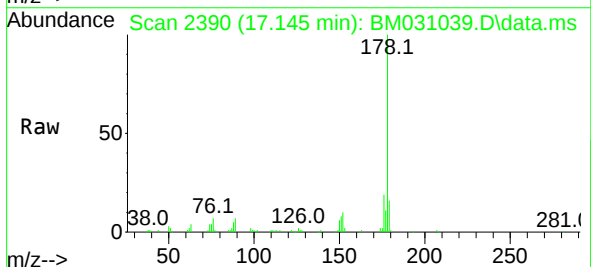
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

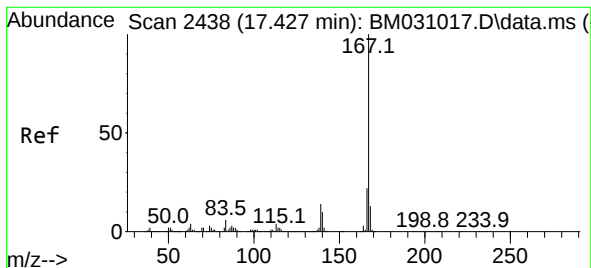
Tgt Ion:178 Resp: 84894
Ion Ratio Lower Upper
178 100
176 20.0 15.4 23.0
179 14.8 12.2 18.4



#72
Anthracene
Concen: 4.309 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:178 Resp: 83071
Ion Ratio Lower Upper
178 100
176 19.2 15.0 22.4
179 15.7 12.5 18.7





#73

Carbazole

Concen: 4.077 ng

RT: 17.415 min Scan# 2436

Delta R.T. -0.012 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

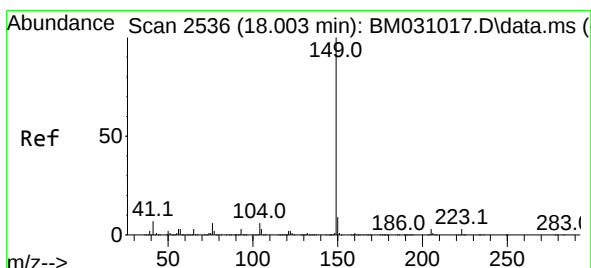
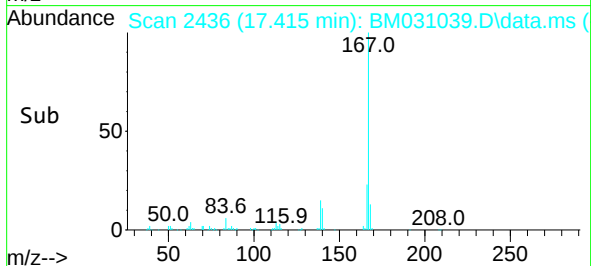
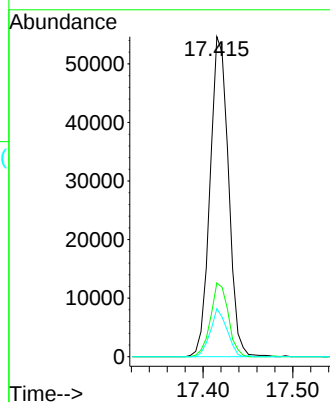
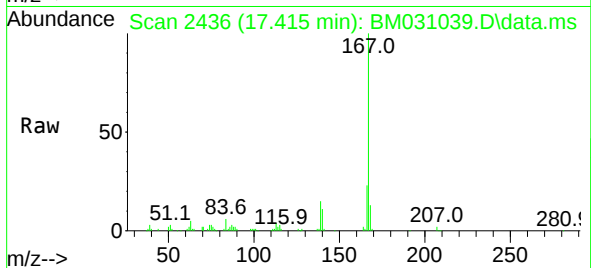
Tgt Ion:167 Resp: 77803

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.0

139 15.0 9.8 14.6#



#74

Di-n-butylphthalate

Concen: 3.976 ng

RT: 17.998 min Scan# 2535

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

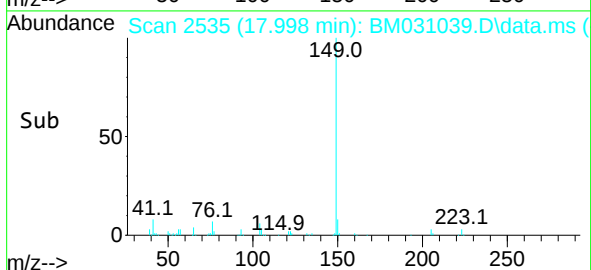
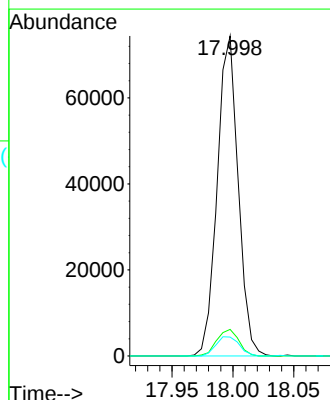
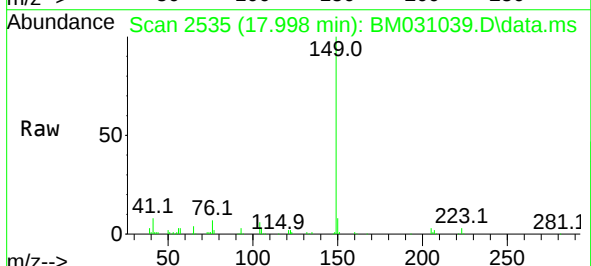
Tgt Ion:149 Resp: 89120

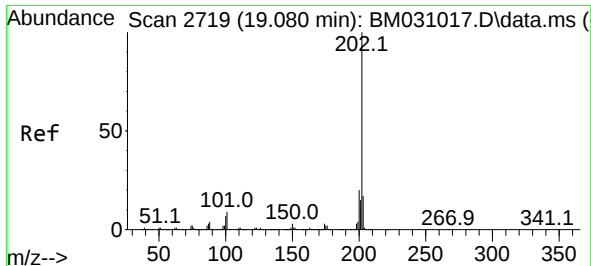
Ion Ratio Lower Upper

149 100

150 8.3 7.2 10.8

104 5.9 4.3 6.5

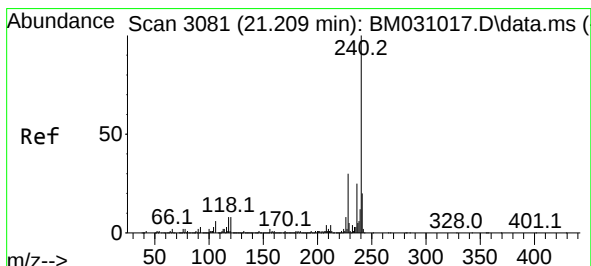
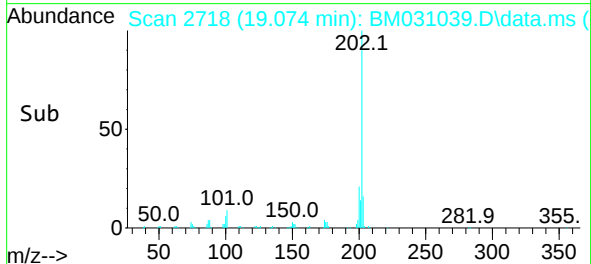
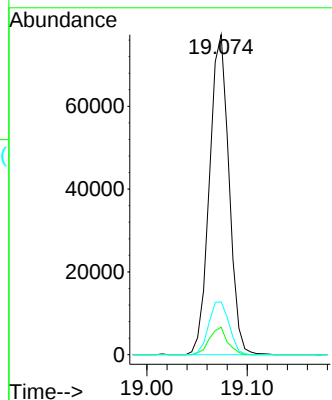
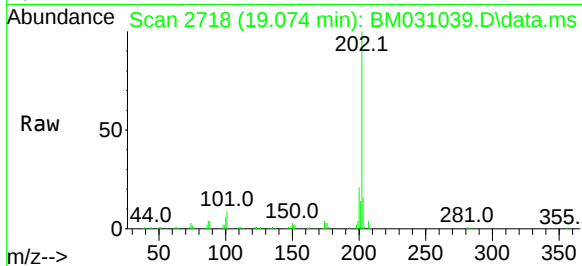




#75
Fluoranthene
Concen: 4.264 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

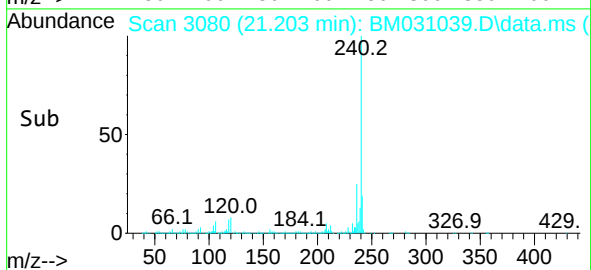
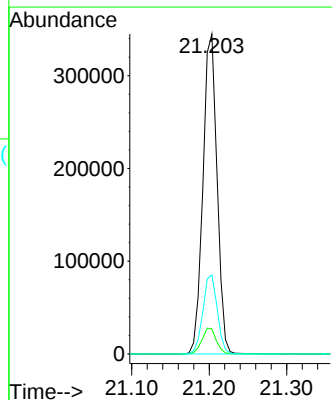
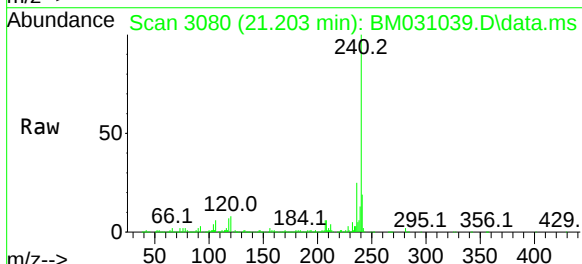
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

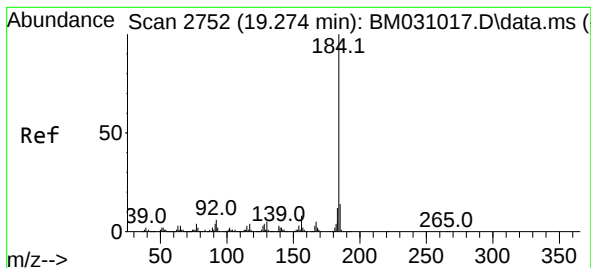
Tgt Ion:202 Resp: 104318
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.6
203 16.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:240 Resp: 436451
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 24.7 21.0 31.4





#77

Benzidine

Concen: 5.145 ng

RT: 19.268 min Scan# 2751

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:184 Resp: 55434

Ion Ratio Lower Upper

184 100

185 14.6 10.9 16.3

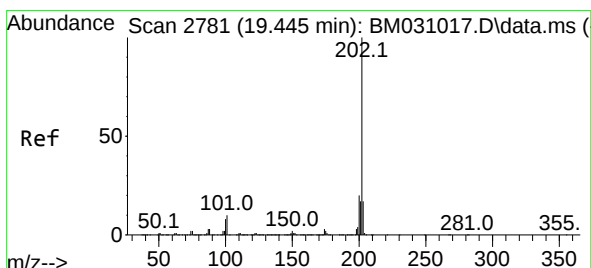
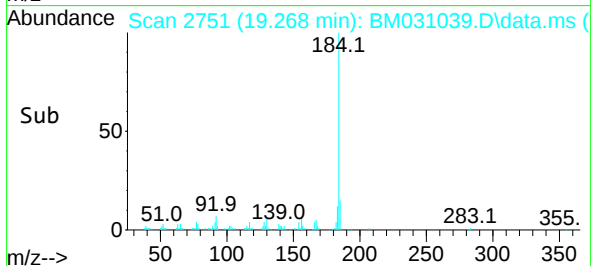
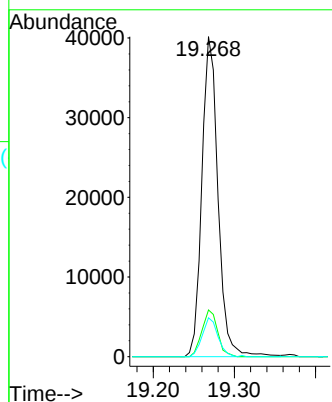
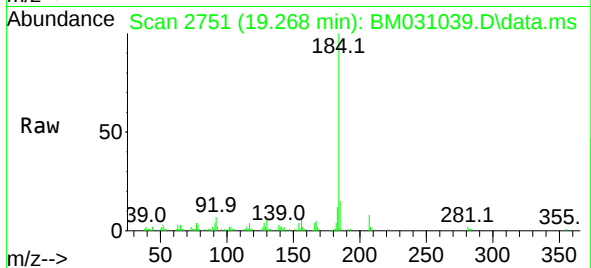
183 12.2 9.8 14.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#78

Pyrene

Concen: 4.011 ng

RT: 19.433 min Scan# 2779

Delta R.T. -0.012 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

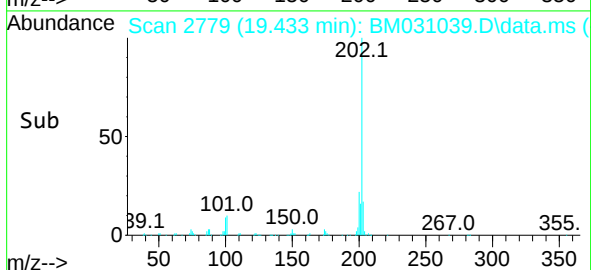
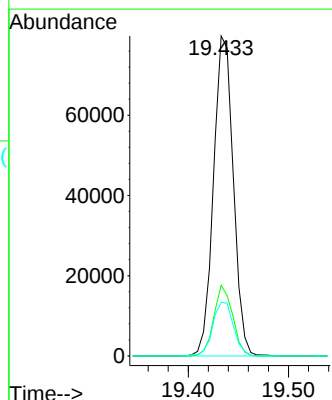
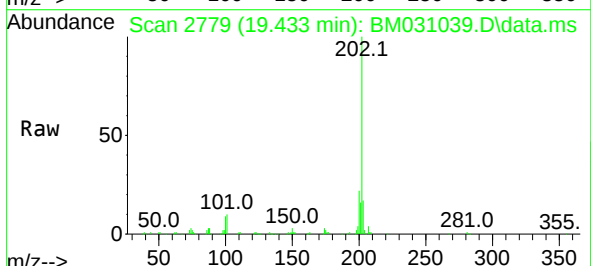
Tgt Ion:202 Resp: 109326

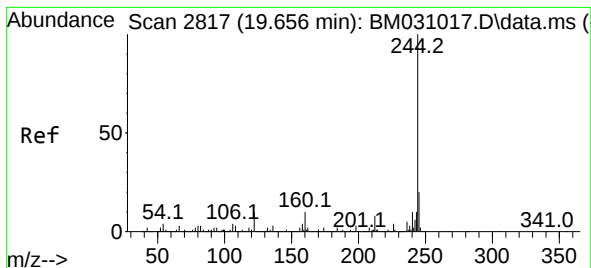
Ion Ratio Lower Upper

202 100

200 22.1 17.3 25.9

203 16.8 13.9 20.9





#79

Terphenyl-d14

Concen: 69.612 ng

RT: 19.656 min Scan# 2817

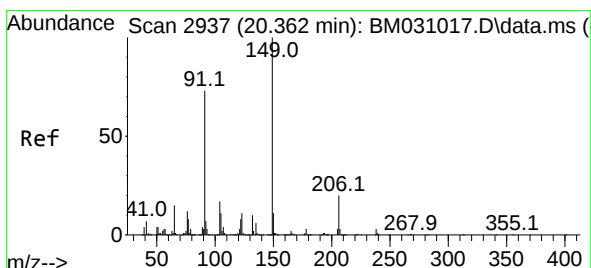
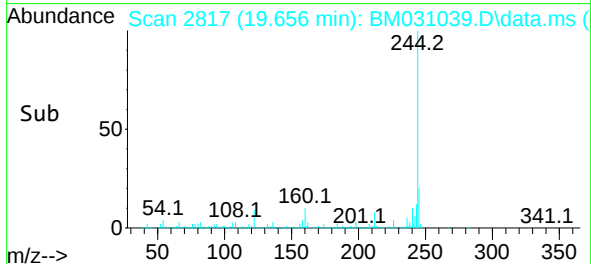
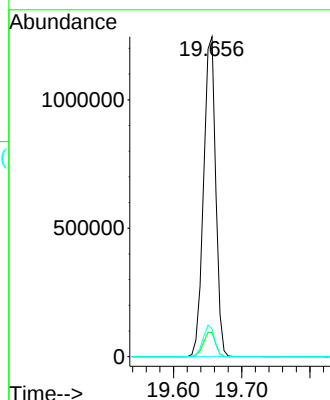
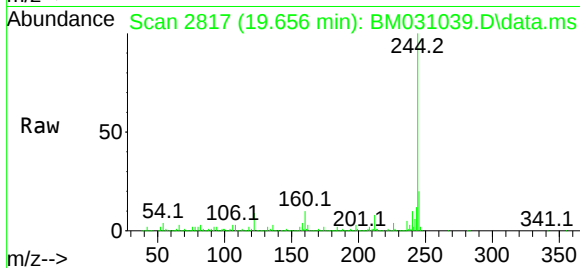
Delta R.T. 0.000 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:244 Resp: 1535589

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	8.6	6.9	10.3



#80

Butylbenzylphthalate

Concen: 3.742 ng

RT: 20.356 min Scan# 2936

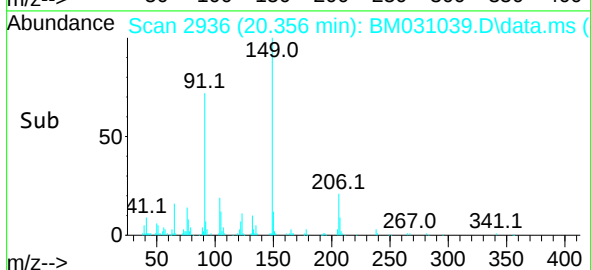
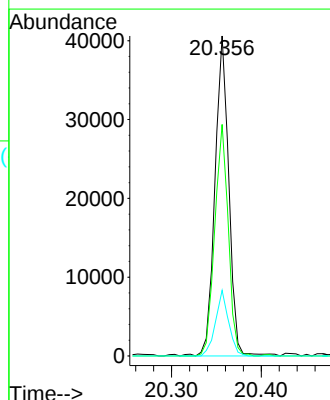
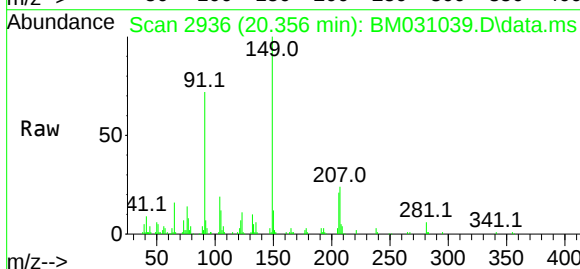
Delta R.T. -0.006 min

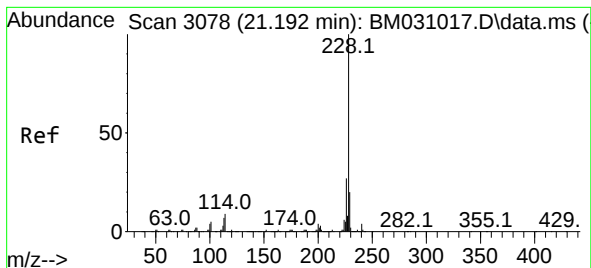
Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:149 Resp: 43544

Ion	Ratio	Lower	Upper
149	100		
91	72.4	57.4	86.0
206	20.5	16.6	25.0

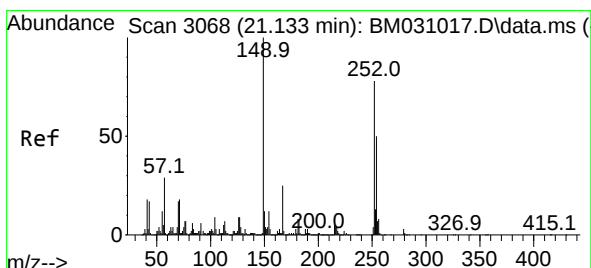
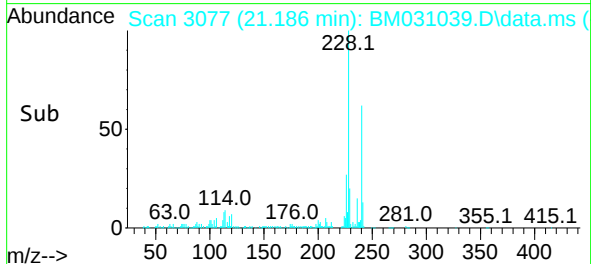
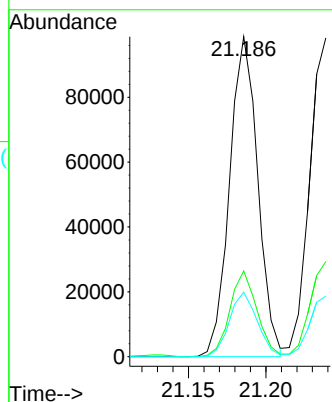
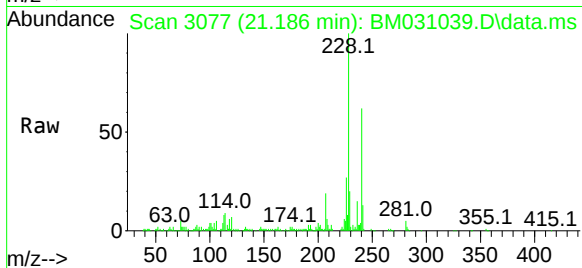




#81
Benzo(a)anthracene
Concen: 4.310 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

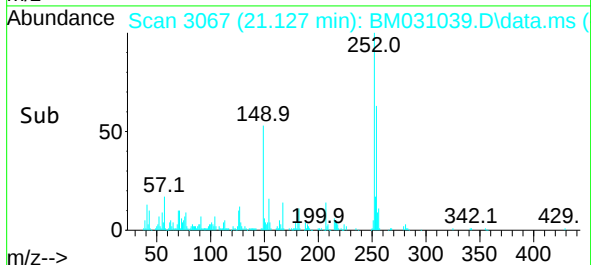
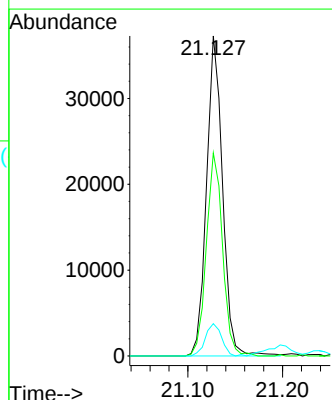
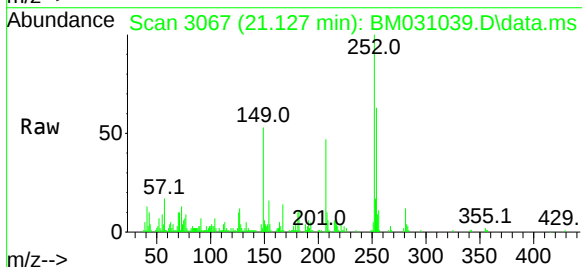
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

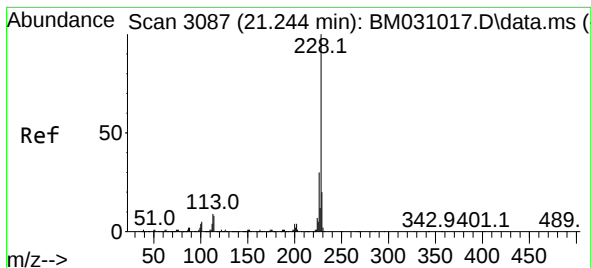
Tgt Ion:228 Resp: 124659
Ion Ratio Lower Upper
228 100
226 26.8 22.3 33.5
229 20.2 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 5.524 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:252 Resp: 43797
Ion Ratio Lower Upper
252 100
254 63.5 51.5 77.3
126 10.1 8.6 13.0





#83

Chrysene

Concen: 4.394 ng

RT: 21.239 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

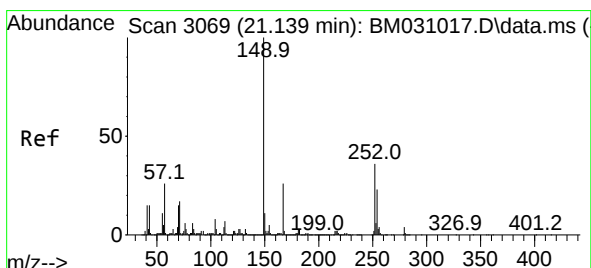
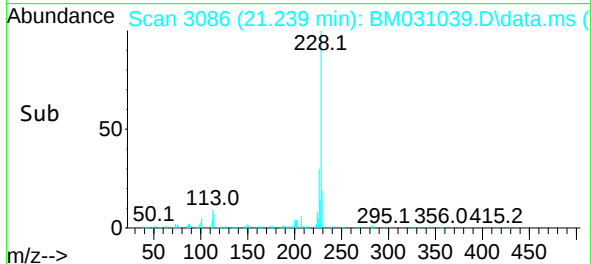
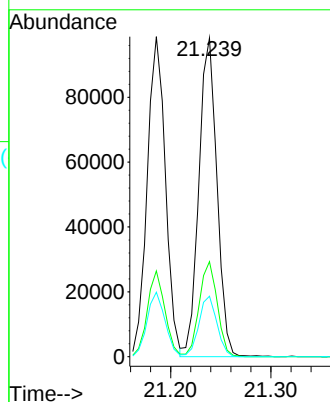
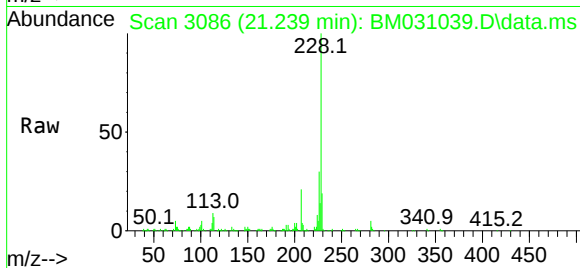
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:228	Resp: 123482
Ion Ratio	Lower Upper
228 100	
226 29.8	24.6 36.8
229 19.0	15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.803 ng

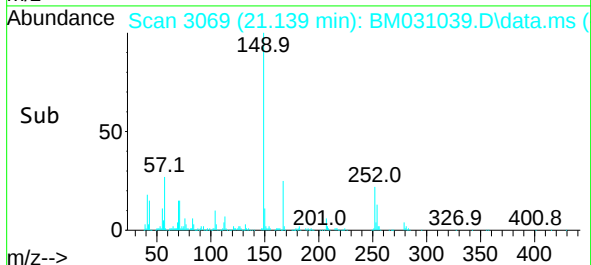
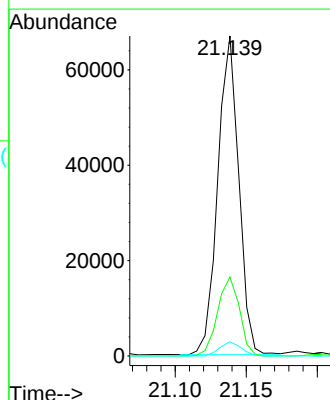
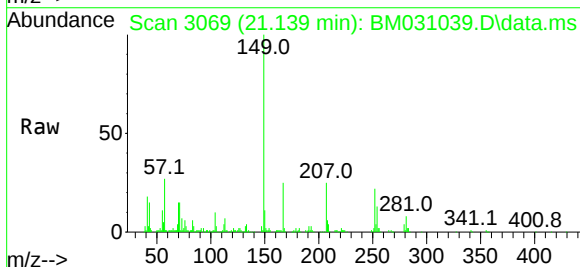
RT: 21.139 min Scan# 3069

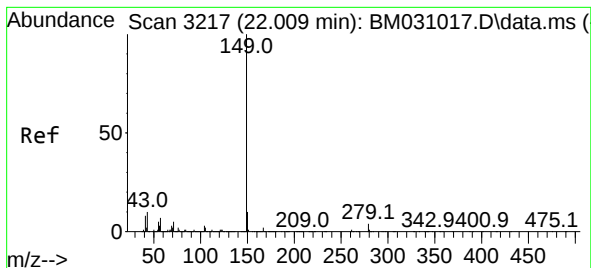
Delta R.T. 0.000 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:149	Resp: 68558
Ion Ratio	Lower Upper
149 100	
167 24.7	22.6 33.8
279 4.4	3.8 5.8

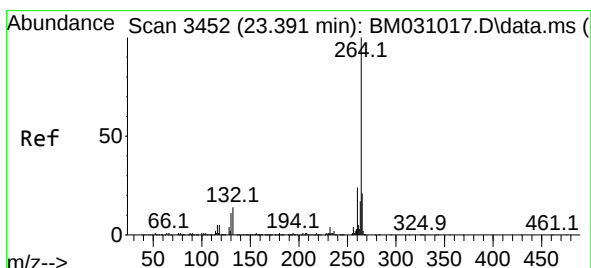
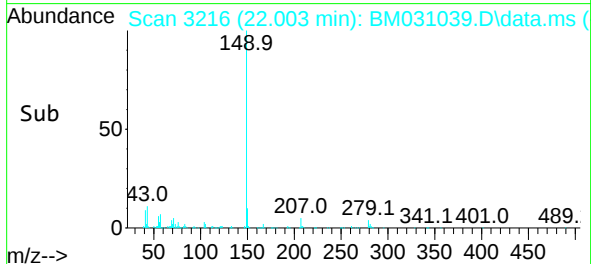
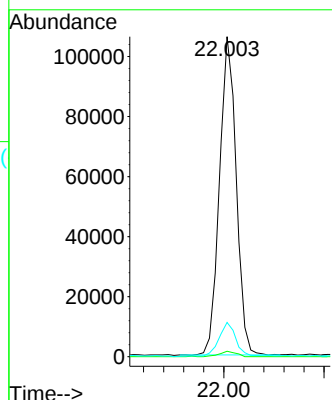
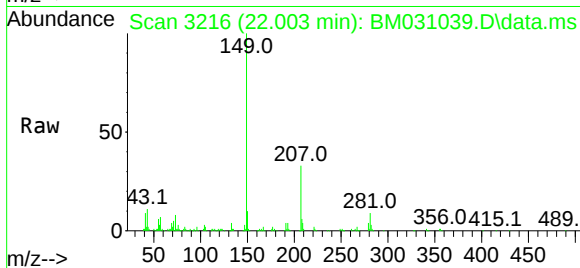




#85
Di-n-octyl phthalate
Concen: 3.971 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

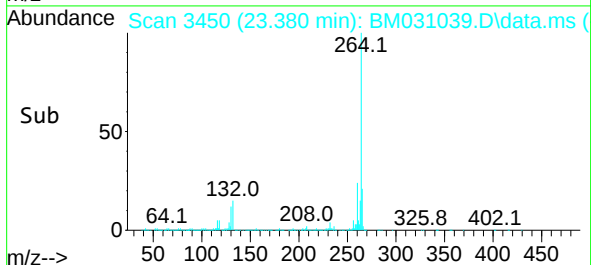
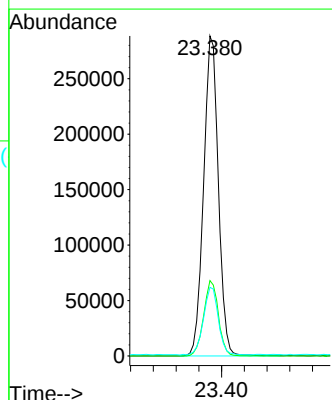
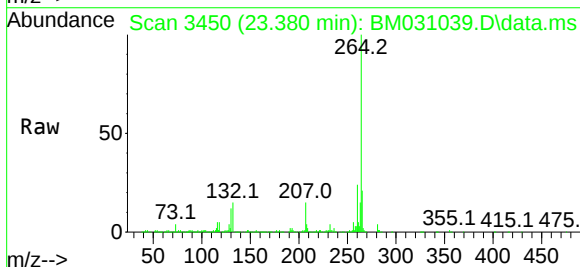
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

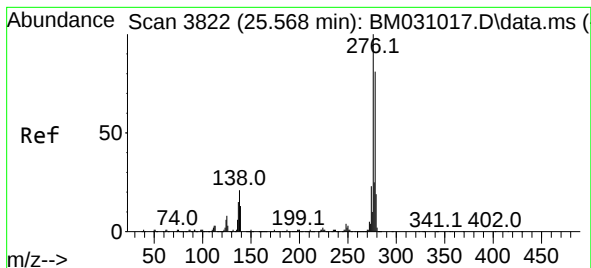
Tgt Ion:149 Resp: 122586
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 7.4 11.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:264 Resp: 518238
Ion Ratio Lower Upper
264 100
260 23.5 19.8 29.8
265 21.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.423 ng

RT: 25.538 min Scan# 3817

Delta R.T. -0.029 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

Tgt Ion:276 Resp: 163779

Ion Ratio Lower Upper

276 100

138 20.5 17.1 25.7

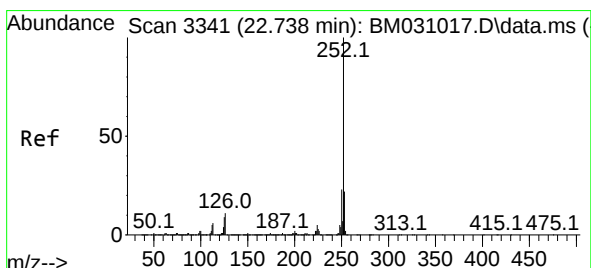
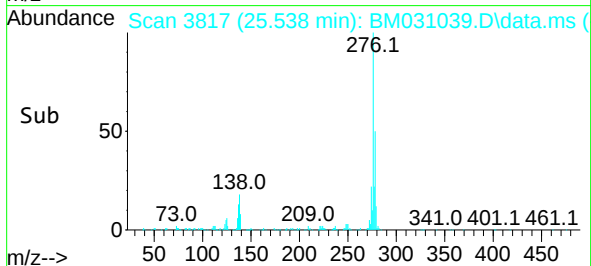
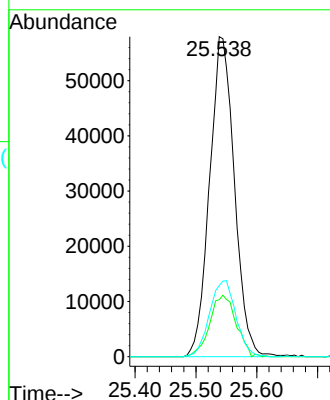
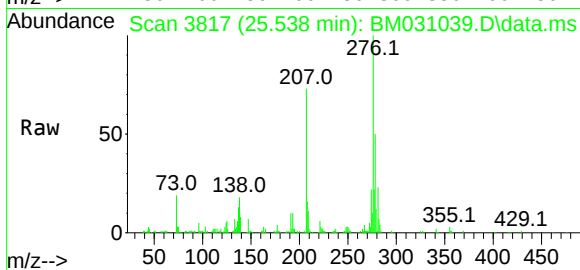
277 25.3 20.3 30.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#88

Benzo(b)fluoranthene

Concen: 3.939 ng

RT: 22.733 min Scan# 3340

Delta R.T. -0.006 min

Lab File: BM031039.D

Acq: 21 Jul 2021 11:10

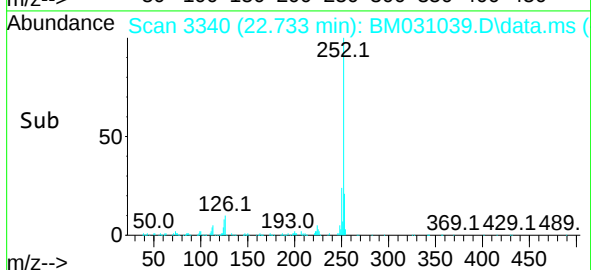
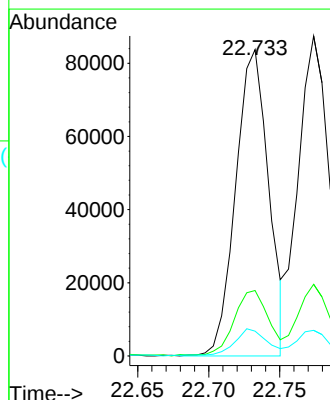
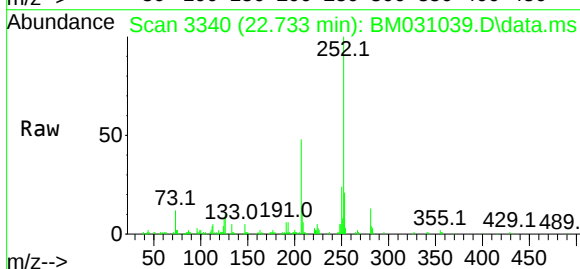
Tgt Ion:252 Resp: 135263

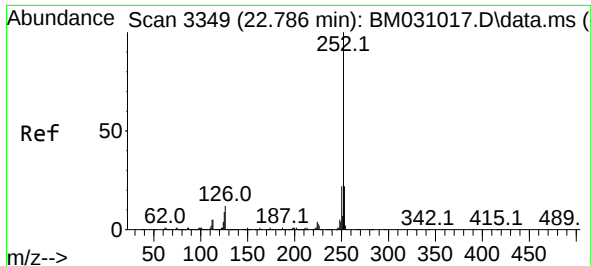
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 8.1 6.8 10.2

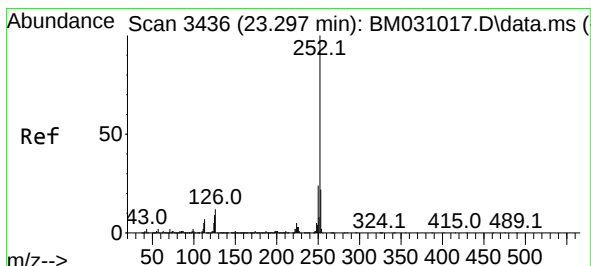
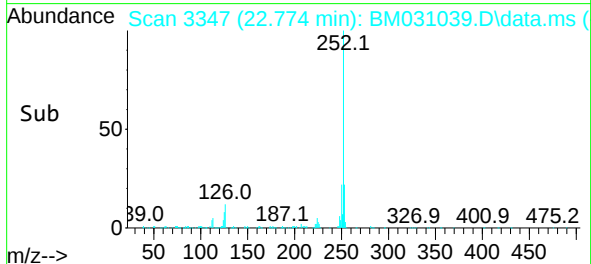
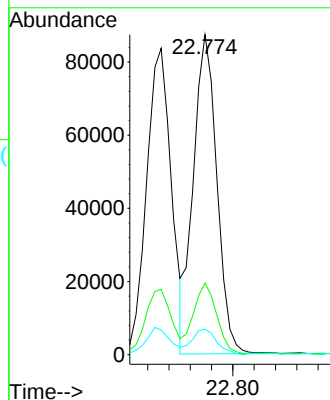
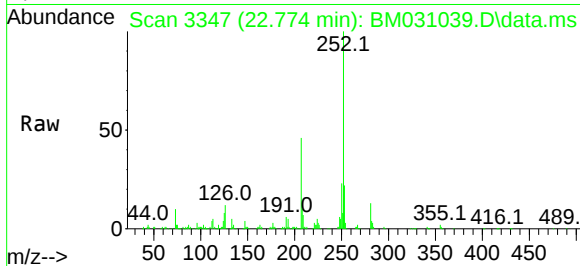




#89
Benzo(k)fluoranthene
Concen: 4.169 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

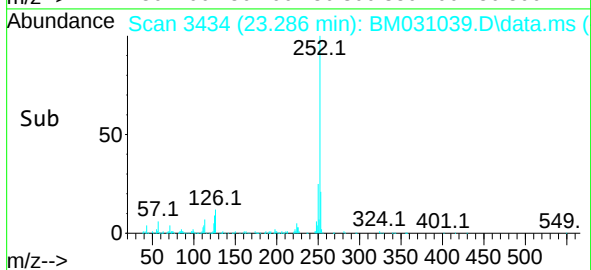
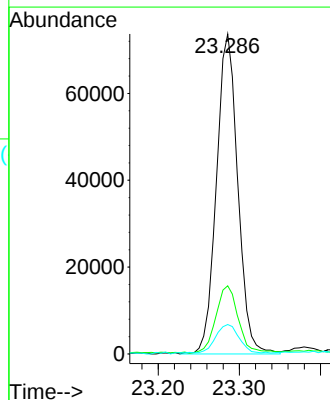
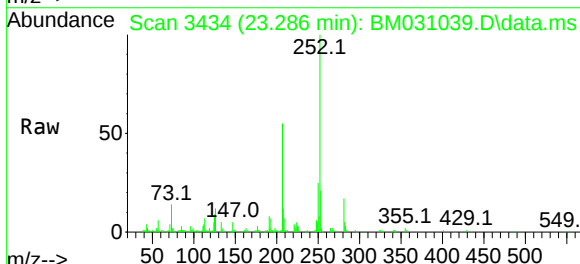
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

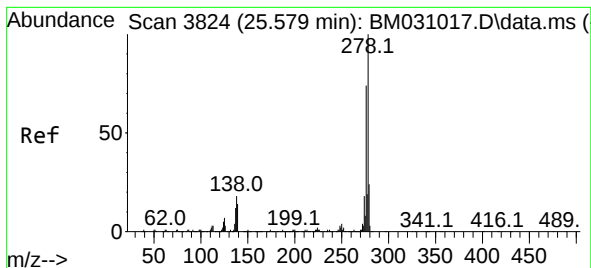
Tgt Ion:252 Resp: 133882
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 8.0 6.2 9.2



#90
Benzo(a)pyrene
Concen: 4.364 ng
RT: 23.286 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:252 Resp: 134897
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 9.2 7.3 10.9

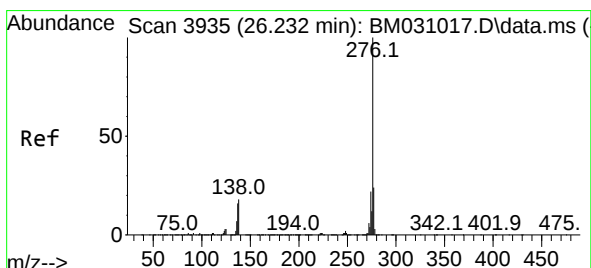
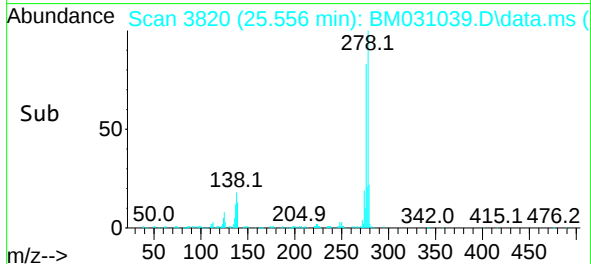
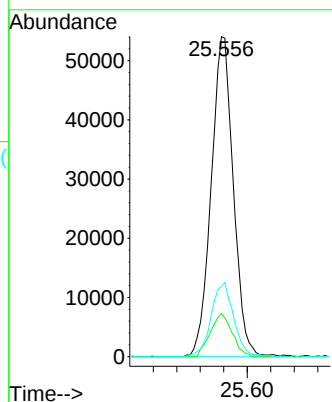
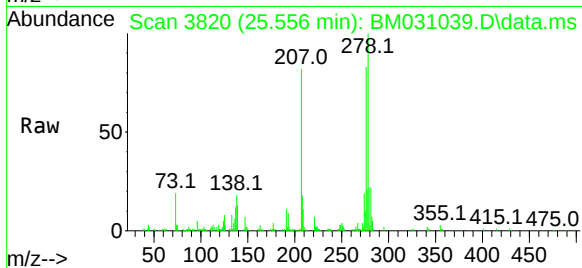




#91
Dibenzo(a,h)anthracene
Concen: 4.406 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

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

Tgt Ion:	278	Resp:	141230
Ion Ratio	Lower	Upper	
278	100		
139	13.4	11.0	16.4
279	21.9	18.7	28.1



#92
Benzo(g,h,i)perylene
Concen: 4.524 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031039.D
Acq: 21 Jul 2021 11:10

Tgt Ion:	276	Resp:	138186
Ion Ratio	Lower	Upper	
276	100		
277	22.4	19.4	29.2
138	18.5	14.4	21.6

