

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031029.D
 Acq On : 20 Jul 2021 19:00
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Jul 21 01:39:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	51860	20.00	ng	0.00
21) Naphthalene-d8	10.404	136	226840	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	164413	20.00	ng	0.00
64) Phenanthrene-d10	17.016	188	375152	20.00	ng	0.00
76) Chrysene-d12	21.204	240	451221	20.00	ng	0.00
86) Perylene-d12	23.380	264	502610	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	364915	126.36	ng	0.00
7) Phenol-d6	6.816	99	509409	121.68	ng	0.00
23) Nitrobenzene-d5	8.787	82	354459	78.46	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	255204	118.87	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	830746	75.39	ng	0.00
79) Terphenyl-d14	19.657	244	1743917	76.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	6516	5.61	ng	92
3) Pyridine	3.634	79	13825	4.21	ng	# 90
4) n-Nitrosodimethylamine	3.546	42	8436	4.52	ng	# 75
6) Aniline	6.981	93	23134	5.15	ng	96
8) 2-Chlorophenol	7.204	128	15675	4.61	ng	95
9) Benzaldehyde	6.793	77	15352	6.15	ng	96
10) Phenol	6.840	94	18526	4.57	ng	79
11) bis(2-Chloroethyl)ether	7.081	93	14774	4.92	ng	94
12) 1,3-Dichlorobenzene	7.675	146	18683	5.05	ng	96
13) 1,4-Dichlorobenzene	7.675	146	18683	4.97	ng	94
14) 1,2-Dichlorobenzene	7.981	146	17591	4.79	ng	97
15) Benzyl Alcohol	7.881	79	15640	4.44	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.157	45	18773	5.00	ng	95
17) 2-Methylphenol	8.075	107	12277	4.33	ng	# 90
18) Hexachloroethane	8.704	117	6472	4.46	ng	88
19) n-Nitroso-di-n-propyla...	8.440	70	12602	4.26	ng	# 85
20) 3+4-Methylphenols	8.399	107	17242	4.30	ng	93
22) Acetophenone	8.451	105	27148	4.83	ng	# 91
24) Nitrobenzene	8.828	77	21493	4.71	ng	94
25) Isophorone	9.351	82	33603	4.16	ng	97
26) 2-Nitrophenol	9.534	139	7530	3.92	ng	98
27) 2,4-Dimethylphenol	9.593	122	15053	4.97	ng	96
28) bis(2-Chloroethoxy)met...	9.834	93	19675	4.83	ng	94
29) 2,4-Dichlorophenol	10.057	162	14326	4.00	ng	98
30) 1,2,4-Trichlorobenzene	10.269	180	17887	4.55	ng	89
31) Naphthalene	10.451	128	53445	4.58	ng	98
32) Benzoic acid	9.651	122	7278	2.82	ng	92
33) 4-Chloroaniline	10.569	127	22350	4.44	ng	96
34) Hexachlorobutadiene	10.740	225	11356	4.50	ng	92
35) Caprolactam	11.334	113	4667	3.88	ng	91
36) 4-Chloro-3-methylphenol	11.692	107	16235	3.97	ng	97
37) 2-Methylnaphthalene	12.292	142	36566	4.06	ng	97
38) 1-Methylnaphthalene	12.292	142	36566	4.27	ng	95
40) 1,2,4,5-Tetrachloroben...	12.445	216	21109	4.61	ng	98
41) Hexachlorocyclopentadiene	12.422	237	13015	5.11	ng	98
43) 2,4,6-Trichlorophenol	12.686	196	11837	3.68	ng	95

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031029.D
 Acq On : 20 Jul 2021 19:00
 Operator : CG/JU
 Sample : M2940-02
 Misc : LOQ-SOIL 5ppm
 ALS Vial : 5 Sample Multiplier: 1

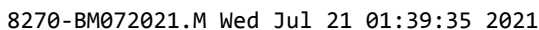
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

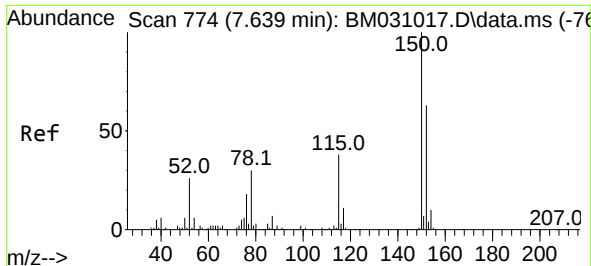
Quant Time: Jul 21 01:39:31 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.751	196	13912	3.90	ng	93
46) 1,1'-Biphenyl	13.098	154	54987	4.72	ng	99
47) 2-Chloronaphthalene	13.134	162	41067	4.50	ng #	92
48) 2-Nitroaniline	13.345	65	10699	3.68	ng	95
49) Acenaphthylene	13.986	152	62806	4.30	ng	98
50) Dimethylphthalate	13.733	163	54684	4.43	ng	99
51) 2,6-Dinitrotoluene	13.851	165	10839	3.92	ng	91
52) Acenaphthene	14.328	154	40299	4.39	ng	92
53) 3-Nitroaniline	14.180	138	10792	3.87	ng	94
54) 2,4-Dinitrophenol	14.380	184	4693	2.88	ng #	79
55) Dibenzofuran	14.669	168	64136	4.26	ng	93
56) 4-Nitrophenol	14.486	139	9316	3.77	ng	88
57) 2,4-Dinitrotoluene	14.639	165	13044	3.39	ng #	87
58) Fluorene	15.322	166	52187	4.11	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	12906	3.89	ng #	88
60) Diethylphthalate	15.110	149	55644	4.21	ng	98
61) 4-Chlorophenyl-phenyle...	15.322	204	26497	4.21	ng #	84
62) 4-Nitroaniline	15.339	138	11477	3.73	ng	92
63) Azobenzene	15.616	77	52101	3.96	ng	94
65) 4,6-Dinitro-2-methylph...	15.398	198	7361	3.13	ng	91
66) n-Nitrosodiphenylamine	15.539	169	43942	3.98	ng	99
67) 4-Bromophenyl-phenylether	16.216	248	16088	4.14	ng #	87
68) Hexachlorobenzene	16.316	284	19082	4.36	ng #	87
69) Atrazine	16.492	200	17745	4.38	ng	92
70) Pentachlorophenol	16.669	266	10796	3.78	ng	86
71) Phenanthrene	17.057	178	89447	4.31	ng	98
72) Anthracene	17.145	178	88568	4.32	ng	98
73) Carbazole	17.421	167	82255	4.06	ng	98
74) Di-n-butylphthalate	17.998	149	91834	3.85	ng #	98
75) Fluoranthene	19.074	202	106785	4.11	ng	99
77) Benzidine	19.268	184	57805	5.19	ng	100
78) Pyrene	19.433	202	113754	4.04	ng	99
80) Butylbenzylphthalate	20.357	149	43471	3.61	ng	93
81) Benzo(a)anthracene	21.186	228	125836	4.21	ng	97
82) 3,3'-Dichlorobenzidine	21.127	252	44911	5.48	ng	98
83) Chrysene	21.239	228	124872	4.30	ng	97
84) Bis(2-ethylhexyl)phtha...	21.139	149	70285	3.77	ng	94
85) Di-n-octyl phthalate	22.004	149	121704	3.81	ng	96
87) Indeno(1,2,3-cd)pyrene	25.539	276	158906	4.42	ng	99
88) Benzo(b)fluoranthene	22.727	252	139934	4.20	ng	99
89) Benzo(k)fluoranthene	22.774	252	132471	4.25	ng	100
90) Benzo(a)pyrene	23.280	252	132132	4.41	ng	98
91) Dibenzo(a,h)anthracene	25.556	278	133869	4.31	ng	98
92) Benzo(g,h,i)perylene	26.203	276	132441	4.47	ng	97

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

Quant Time: Jul 21 01:39:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 13:21:40 2021
Response via : Initial Calibration

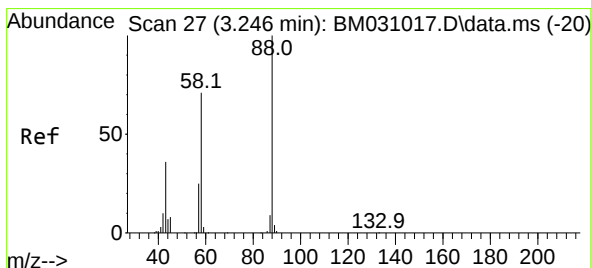
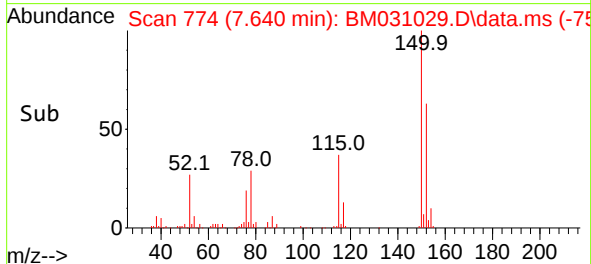
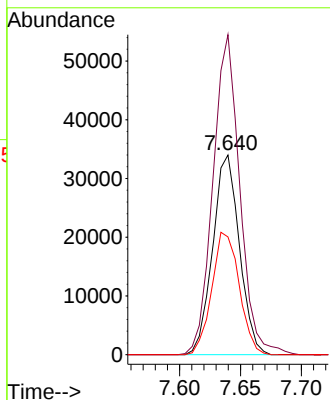
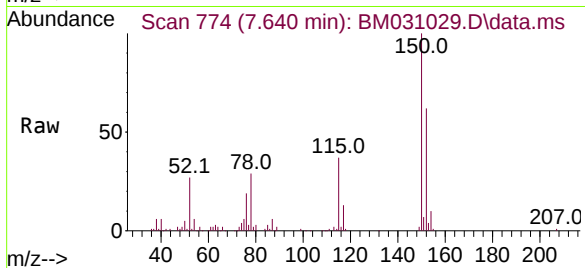




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

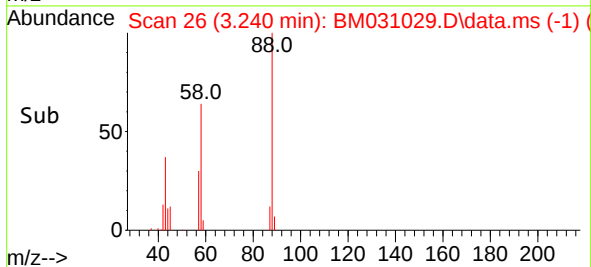
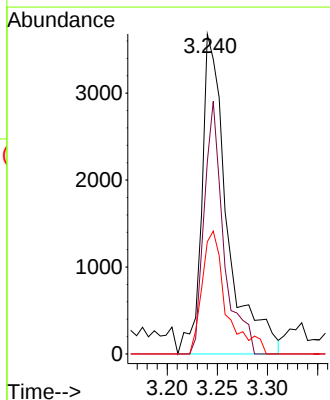
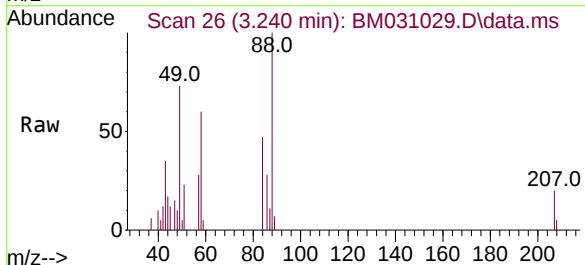
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

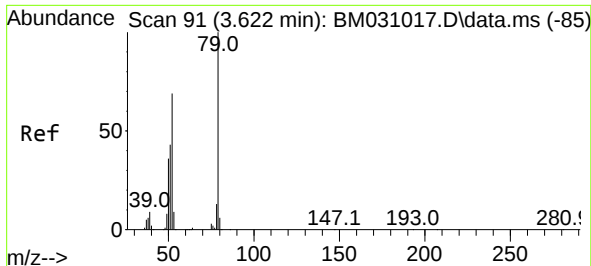
Tgt Ion:152 Resp: 51860
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 59.0 44.6 67.0



#2
1,4-Dioxane
Concen: 5.61 ng
RT: 3.240 min Scan# 26
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 88 Resp: 6516
Ion Ratio Lower Upper
88 100
58 60.4 53.6 80.4
43 36.4 25.8 38.6

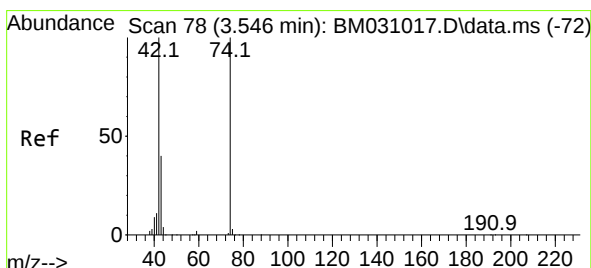
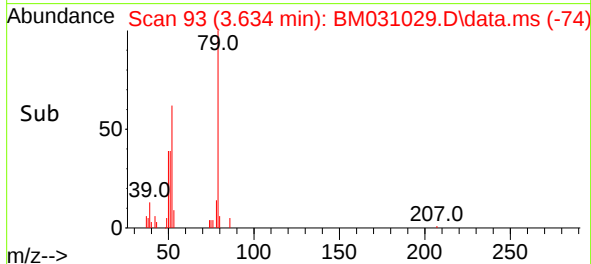
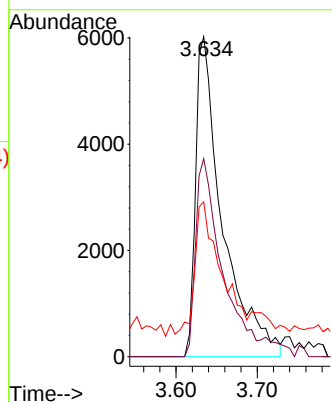
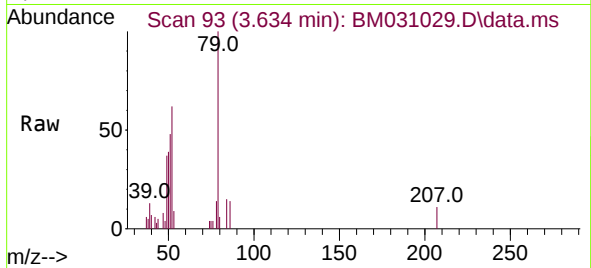




#3
Pyridine
Concen: 4.21 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

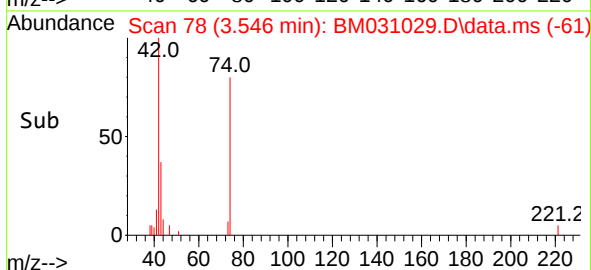
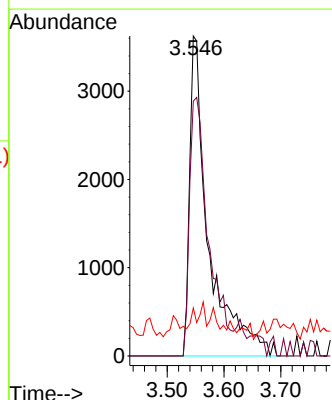
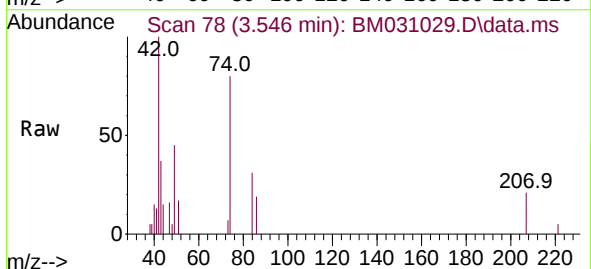
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

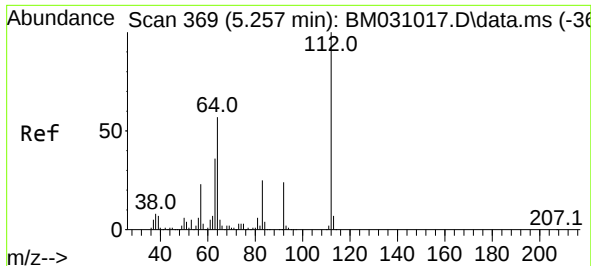
Tgt Ion: 79 Resp: 13825
Ion Ratio Lower Upper
79 100
52 61.9 48.2 72.2
51 48.4 27.9 41.9#



#4
n-Nitrosodimethylamine
Concen: 4.52 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 42 Resp: 8436
Ion Ratio Lower Upper
42 100
74 79.6 84.1 126.1#
44 15.0 4.5 6.7#

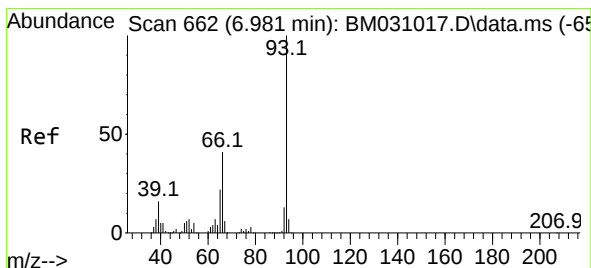
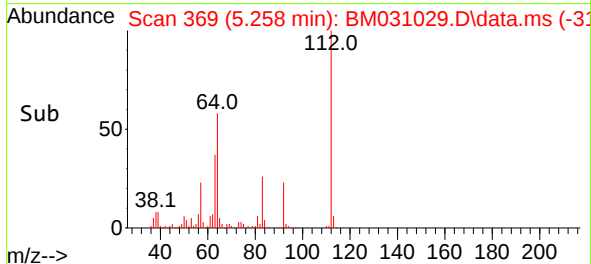
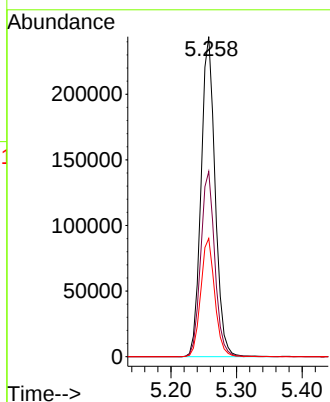
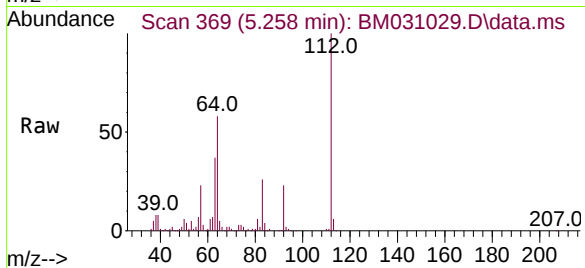




#5
2-Fluorophenol
Concen: 126.36 ng
RT: 5.258 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

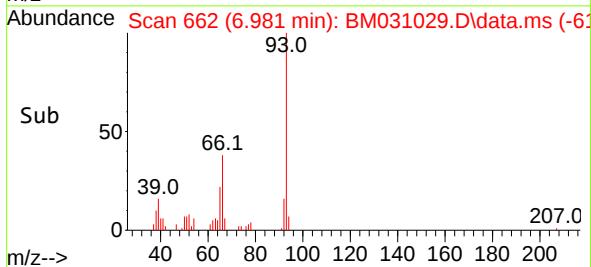
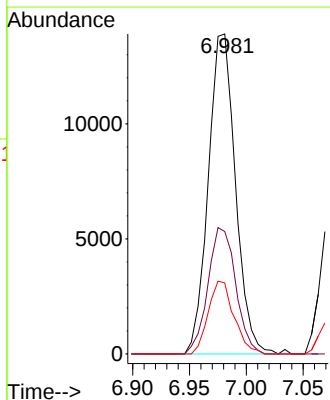
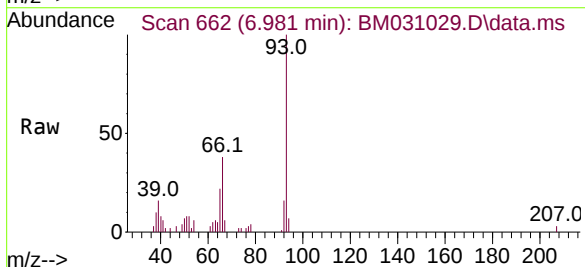
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

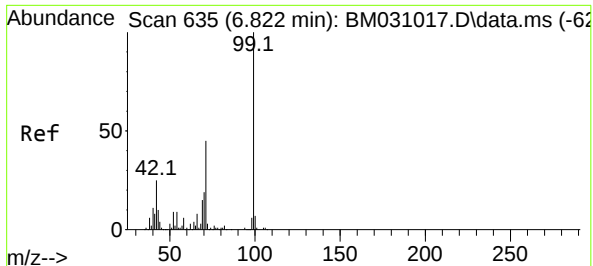
Tgt Ion:	112	Resp:	364915
Ion	Ratio	Lower	Upper
112	100		
64	57.8	47.1	70.7
63	37.0	27.3	40.9



#6
Aniline
Concen: 5.15 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	93	Resp:	23134
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.7	49.1
65	22.2	16.8	25.2

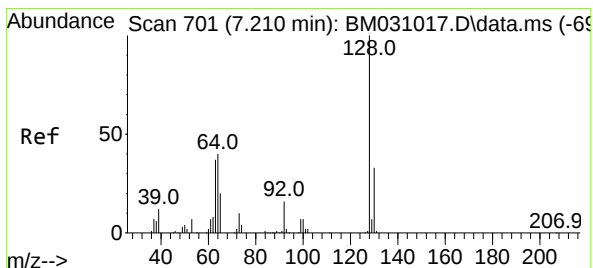
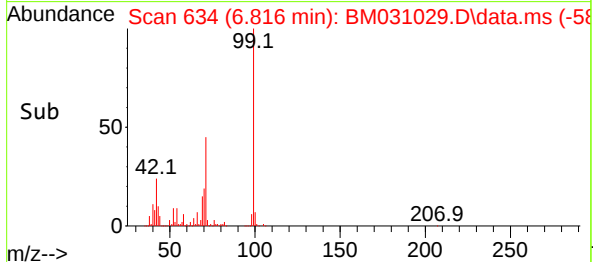
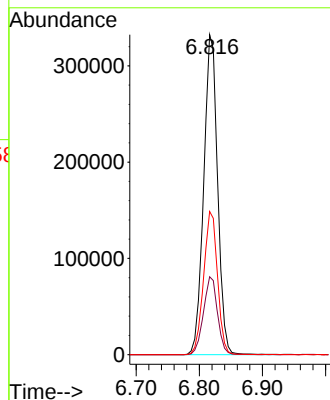
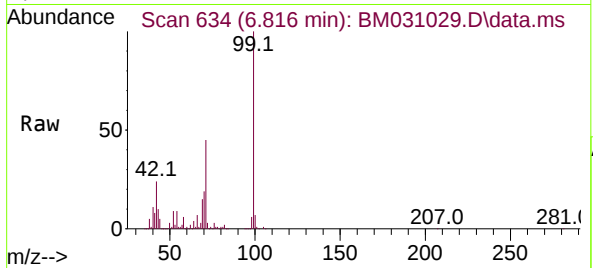




#7
Phenol-d6
Concen: 121.68 ng
RT: 6.816 min Scan# 634
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

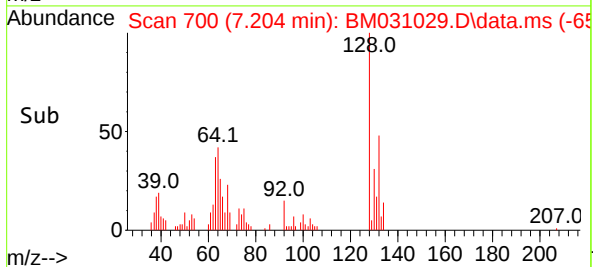
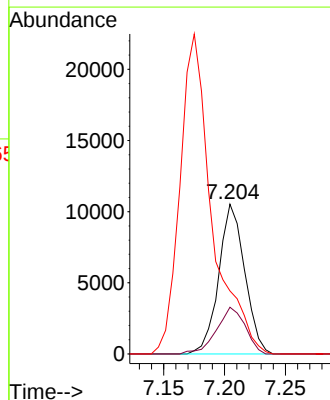
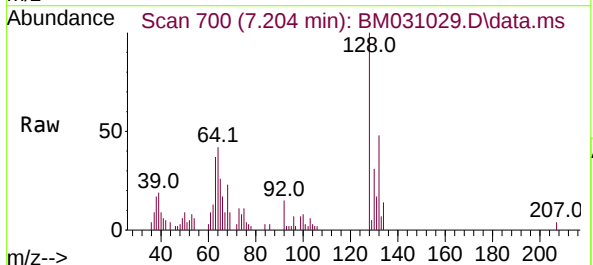
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

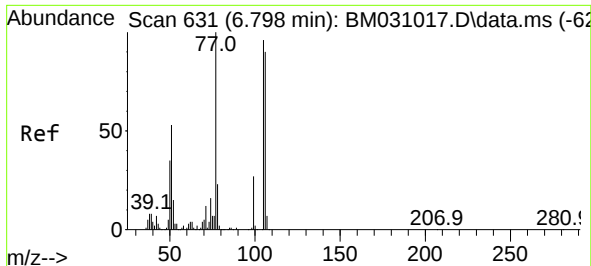
Tgt Ion: 99 Resp: 509409
Ion Ratio Lower Upper
99 100
42 24.3 18.0 27.0
71 44.7 30.9 46.3



#8
2-Chlorophenol
Concen: 4.61 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 128 Resp: 15675
Ion Ratio Lower Upper
128 100
130 31.2 13.5 53.5
64 42.1 25.7 65.7

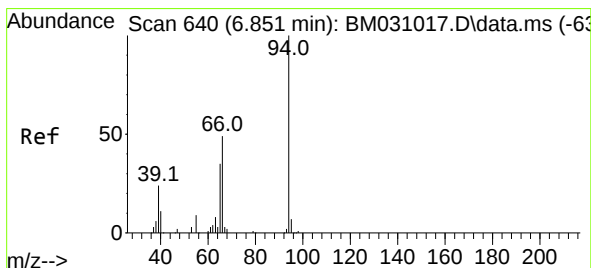
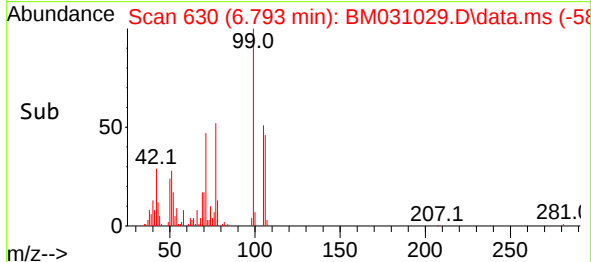
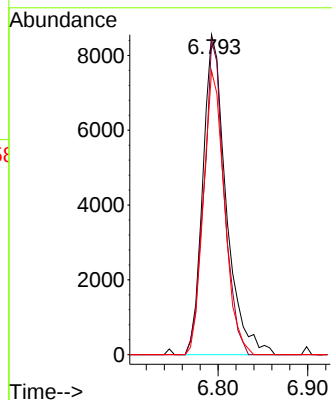
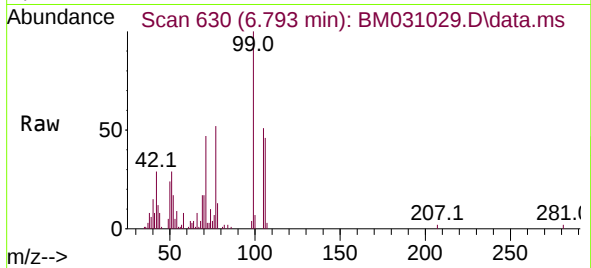




#9
Benzaldehyde
Concen: 6.15 ng
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

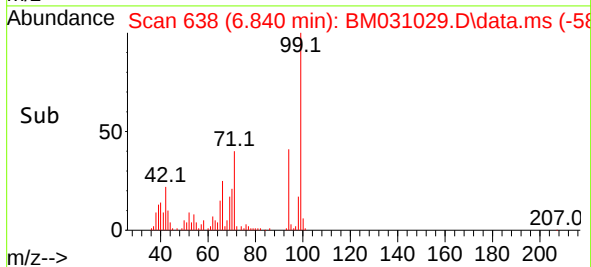
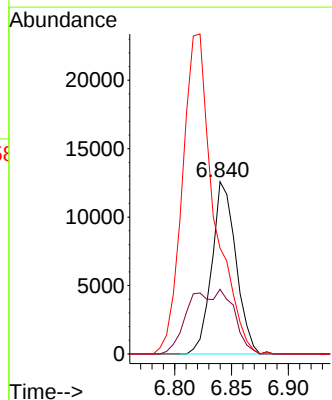
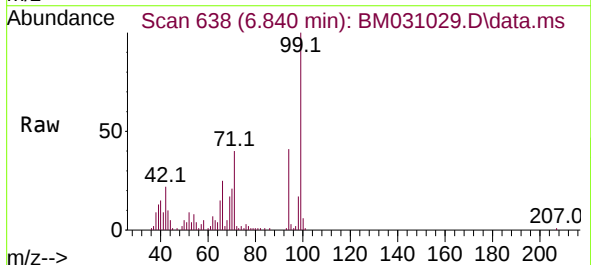
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

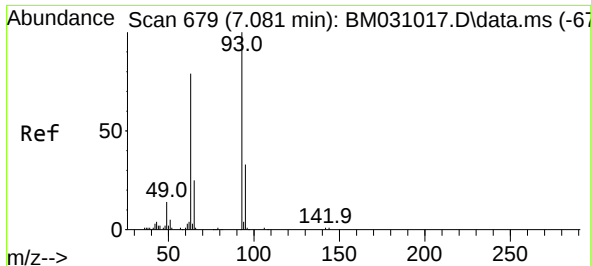
Tgt Ion: 77 Resp: 15352
Ion Ratio Lower Upper
77 100
105 98.3 71.2 111.2
106 88.7 68.6 108.6



#10
Phenol
Concen: 4.57 ng
RT: 6.840 min Scan# 638
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 94 Resp: 18526
Ion Ratio Lower Upper
94 100
65 37.5 11.9 51.9
66 61.4 22.6 62.6

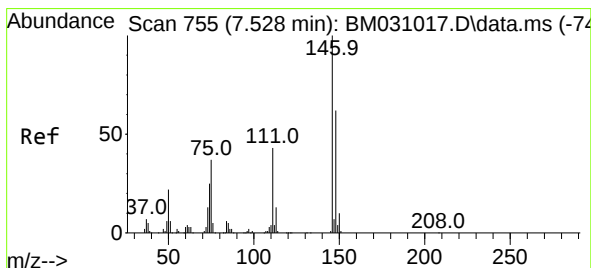
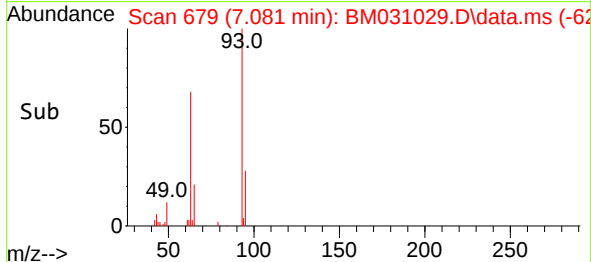
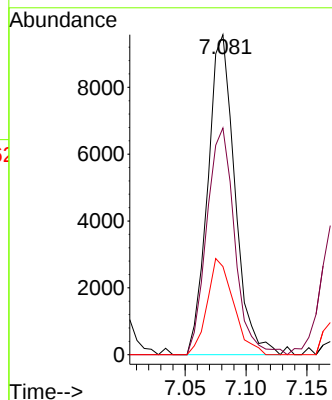
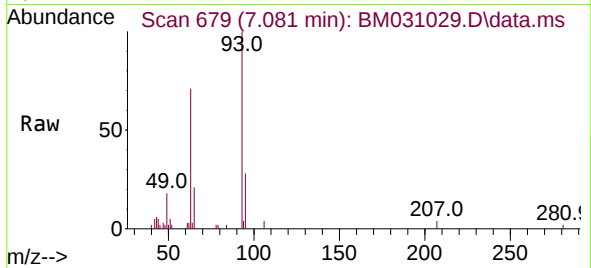




#11
bis(2-Chloroethyl)ether
Concen: 4.92 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

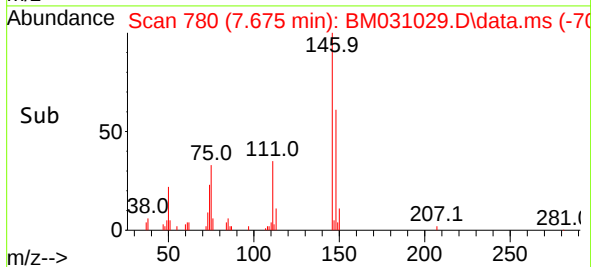
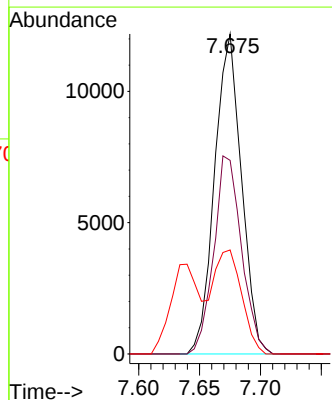
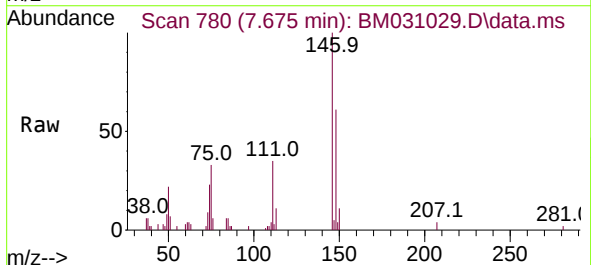
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

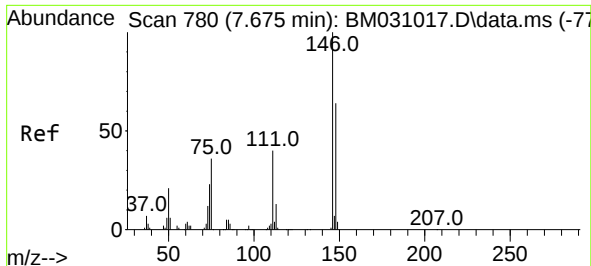
Tgt Ion: 93 Resp: 14774
Ion Ratio Lower Upper
93 100
63 70.8 54.3 94.3
95 27.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 5.05 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.147 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 146 Resp: 18683
Ion Ratio Lower Upper
146 100
148 60.5 52.2 78.4
75 32.5 25.8 38.8

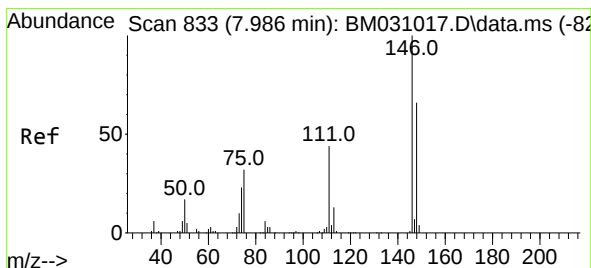
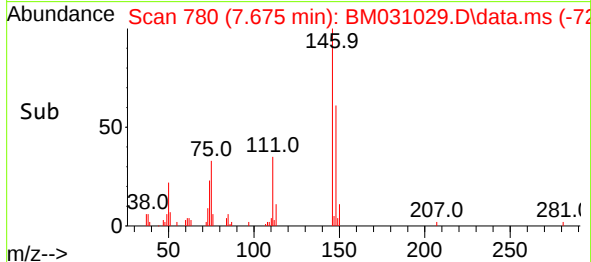
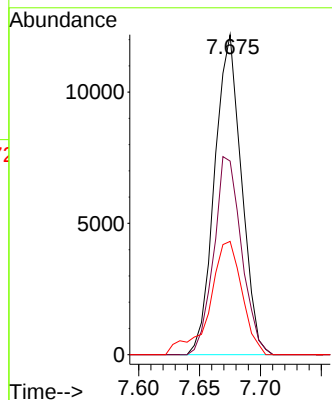
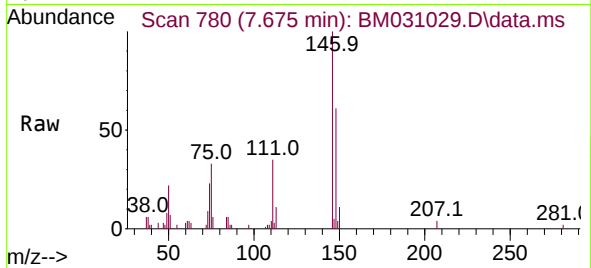




#13
1,4-Dichlorobenzene
Concen: 4.97 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

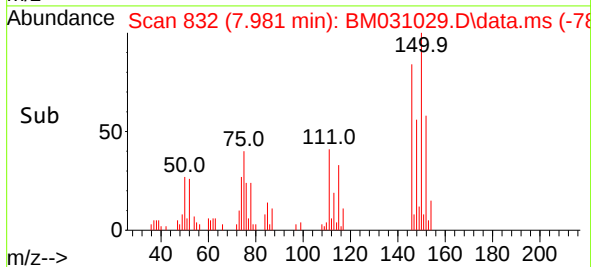
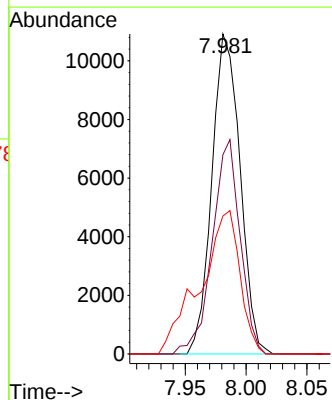
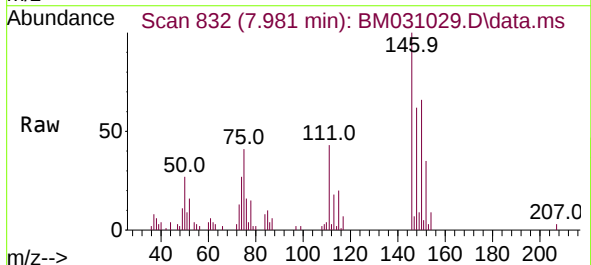
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

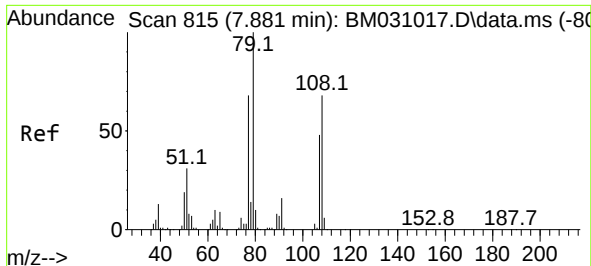
Tgt Ion:146 Resp: 18683
Ion Ratio Lower Upper
146 100
148 60.5 51.8 77.8
111 35.4 31.0 46.6



#14
1,2-Dichlorobenzene
Concen: 4.79 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

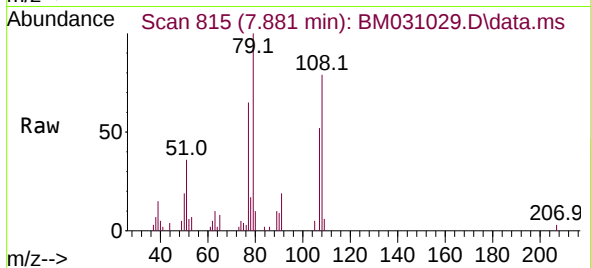
Tgt Ion:146 Resp: 17591
Ion Ratio Lower Upper
146 100
148 62.3 51.7 77.5
111 43.1 32.6 49.0



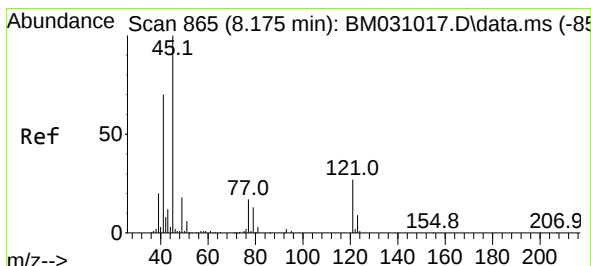
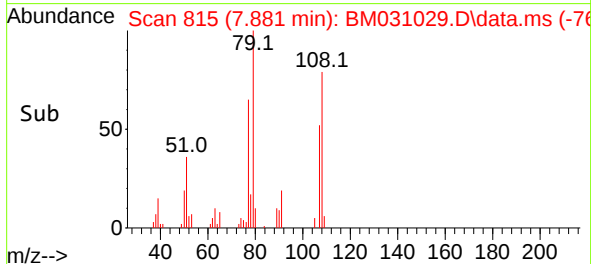
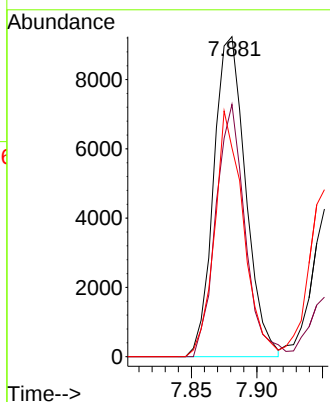


#15
Benzyl Alcohol
Concen: 4.44 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

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

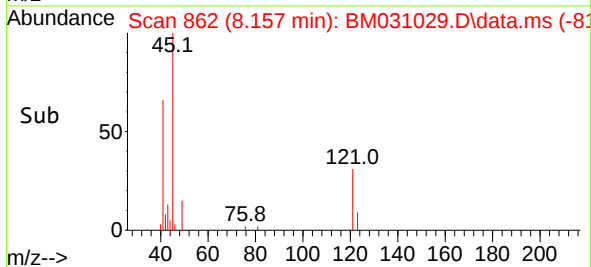
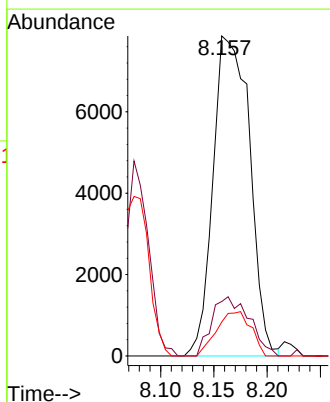
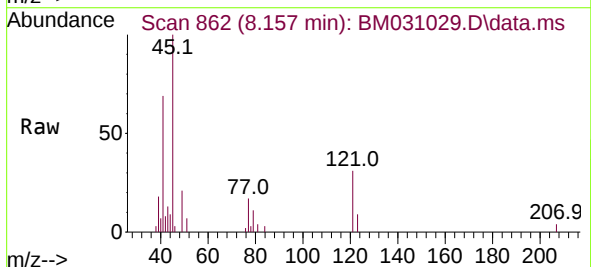


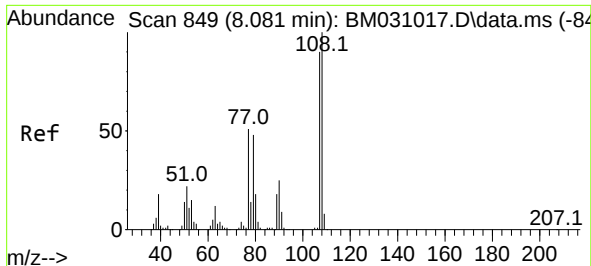
Tgt Ion: 79	Resp: 15640
Ion Ratio	Lower Upper
79 100	
108 78.9	57.0 85.4
77 65.2	54.6 81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.00 ng
RT: 8.157 min Scan# 862
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 45	Resp: 18773
Ion Ratio	Lower Upper
45 100	
77 17.0	0.0 38.0
79 10.6	0.0 34.1

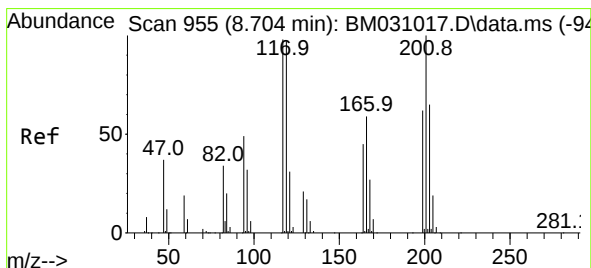
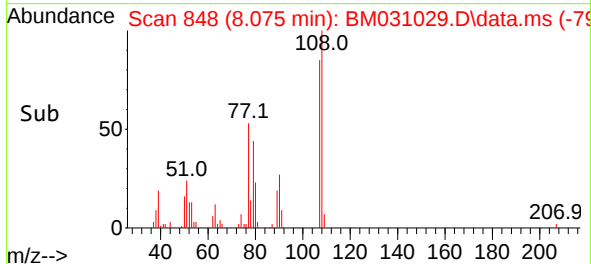
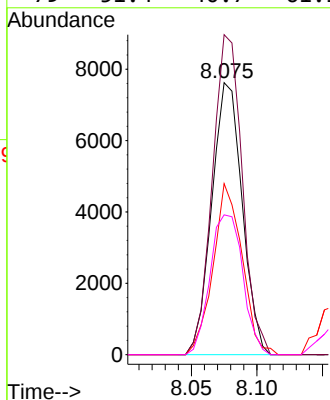
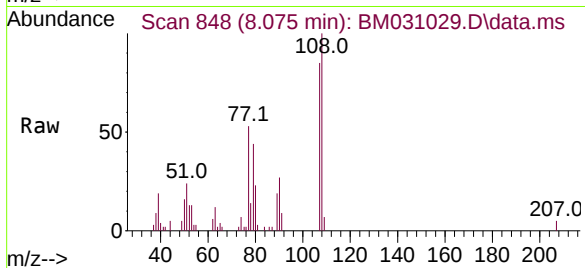




#17
2-Methylphenol
Concen: 4.33 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

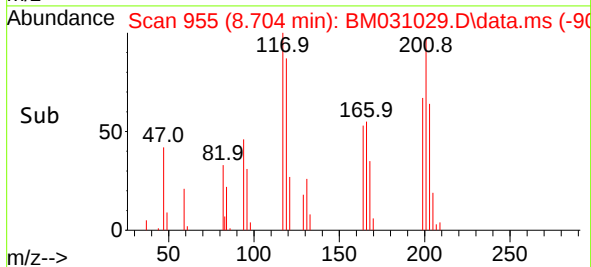
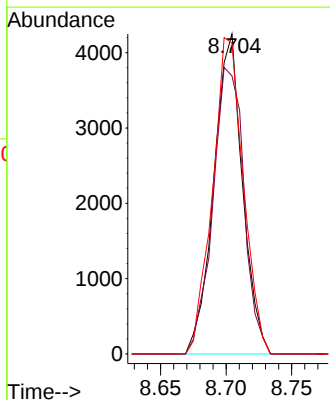
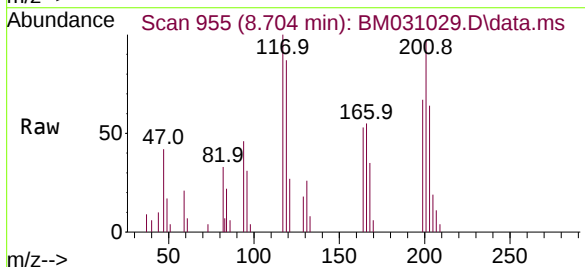
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

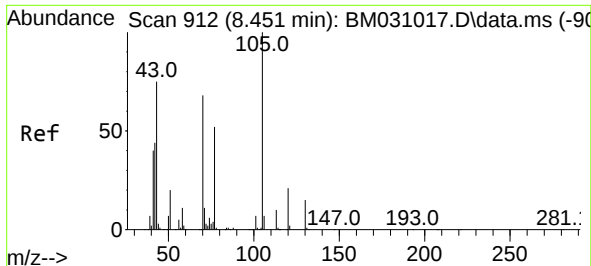
Tgt Ion:	107	Resp:	12277
Ion Ratio	Lower	Upper	
107	100		
108	117.7	85.0	127.6
77	62.9	41.3	61.9#
79	51.4	40.7	61.1



#18
Hexachloroethane
Concen: 4.46 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

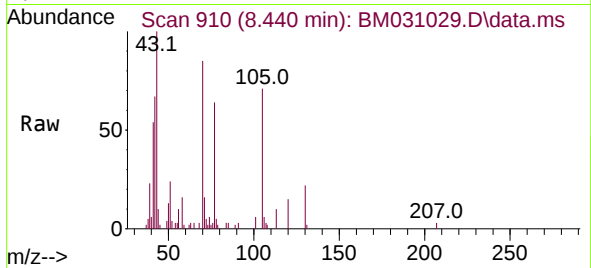
Tgt Ion:	117	Resp:	6472
Ion Ratio	Lower	Upper	
117	100		
119	86.9	76.2	114.2
201	97.1	89.8	134.6



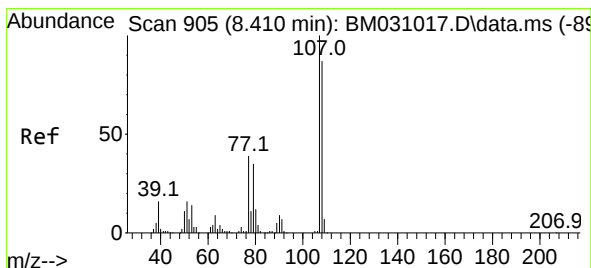
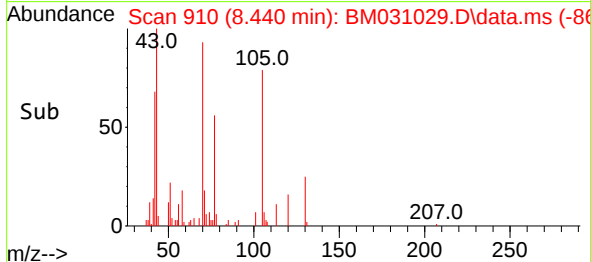
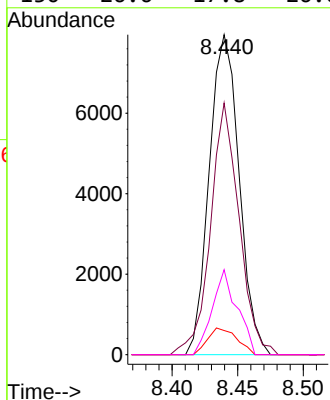


#19
n-Nitroso-di-n-propylamine
Concen: 4.26 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

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

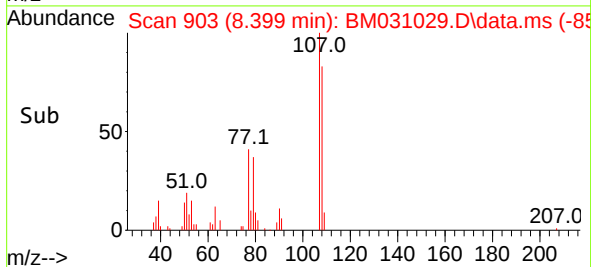
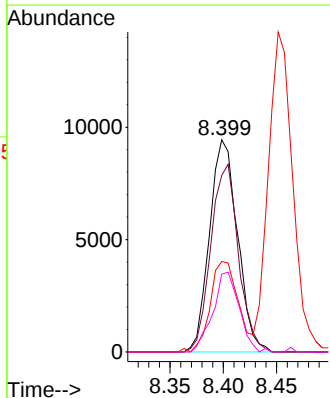
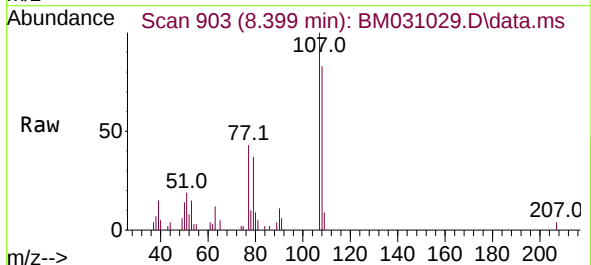


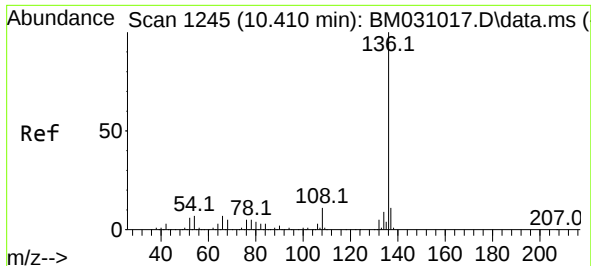
Tgt Ion:	70	Resp:	12602
Ion	Ratio	Lower	Upper
70	100		
42	78.6	51.4	77.0#
101	7.5	8.1	12.1#
130	26.6	17.8	26.6



#20
3+4-Methylphenols
Concen: 4.30 ng
RT: 8.399 min Scan# 903
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

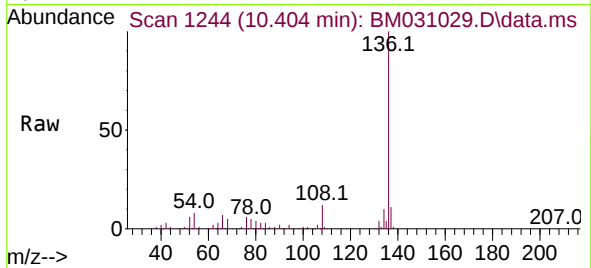
Tgt Ion:	107	Resp:	17242
Ion	Ratio	Lower	Upper
107	100		
108	83.2	69.9	109.9
77	42.6	17.3	57.3
79	36.7	13.3	53.3



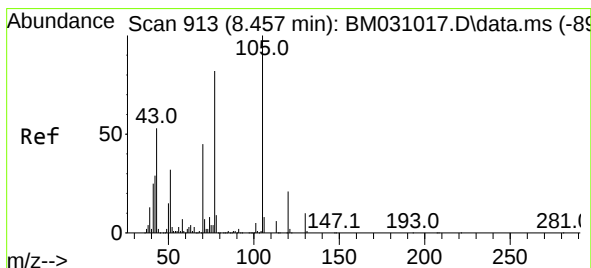
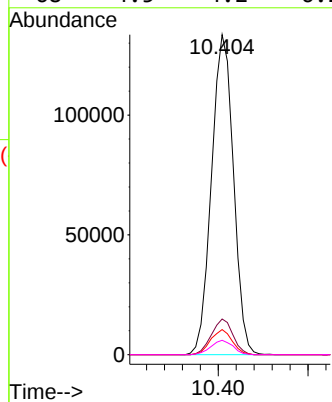
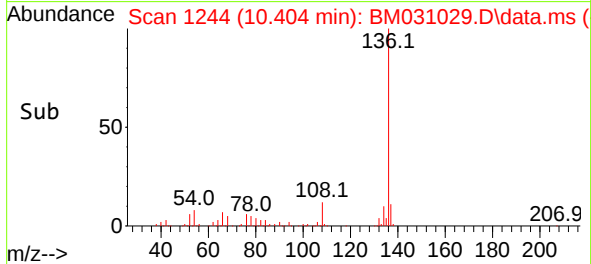


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

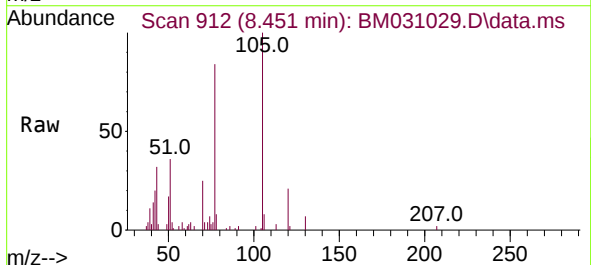
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021



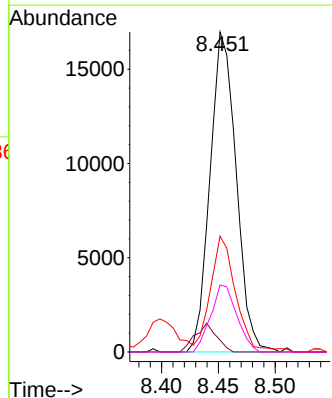
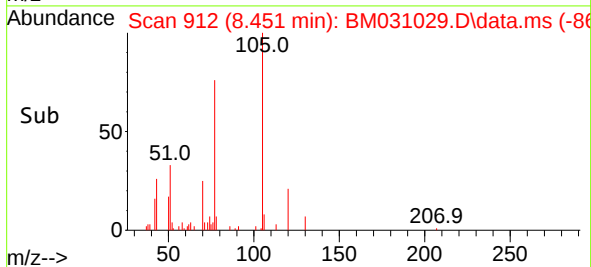
Tgt Ion:136 Resp: 226840
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 7.9 5.5 8.3
68 4.5 4.2 6.2

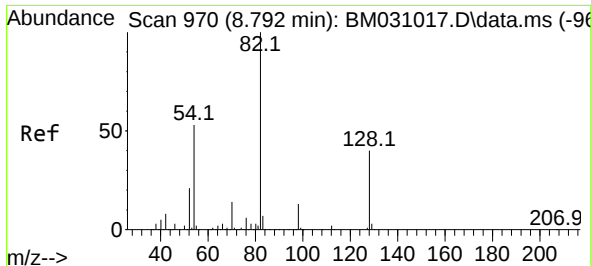


#22
Acetophenone
Concen: 4.83 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00



Tgt Ion:105 Resp: 27148
Ion Ratio Lower Upper
105 100
71 3.7 3.4 5.0
51 36.2 22.2 33.4#
120 21.0 17.6 26.4

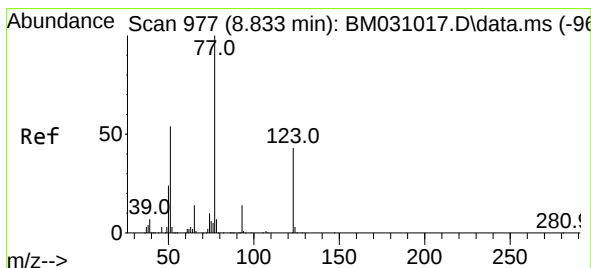
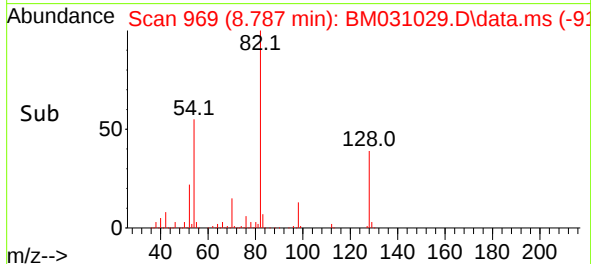
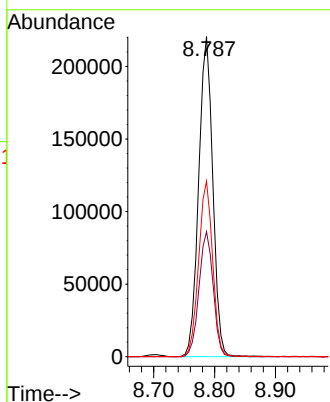
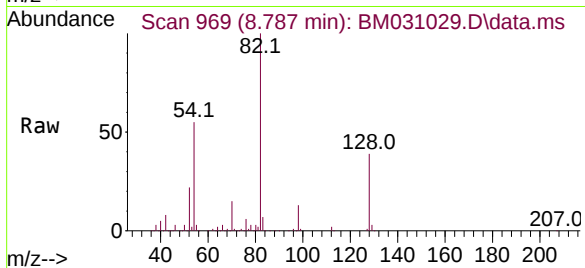




#23
Nitrobenzene-d5
Concen: 78.46 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

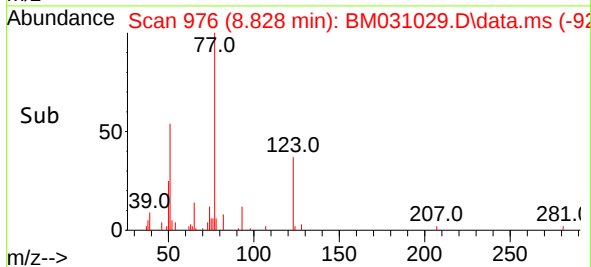
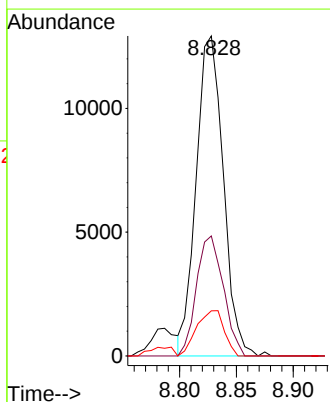
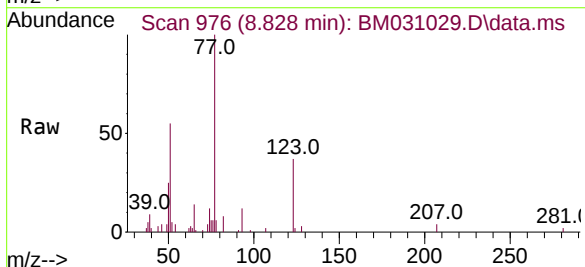
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

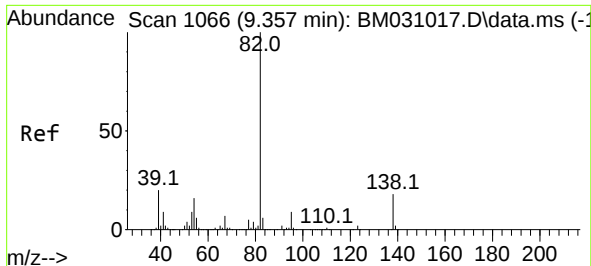
Tgt Ion:	82	Resp:	354459
Ion	Ratio	Lower	Upper
82	100		
128	39.1	31.1	46.7
54	54.9	37.3	55.9



#24
Nitrobenzene
Concen: 4.71 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	77	Resp:	21493
Ion	Ratio	Lower	Upper
77	100		
123	37.5	34.0	51.0
65	14.1	11.0	16.4

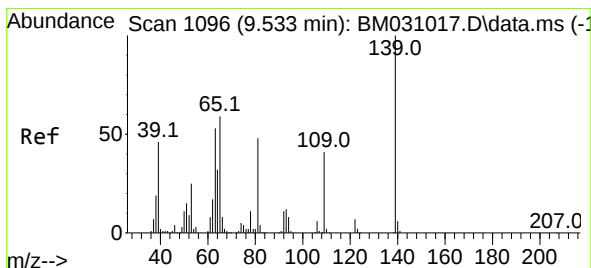
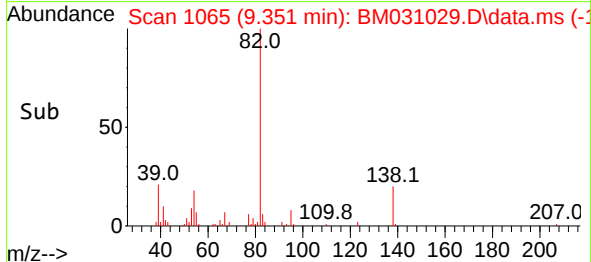
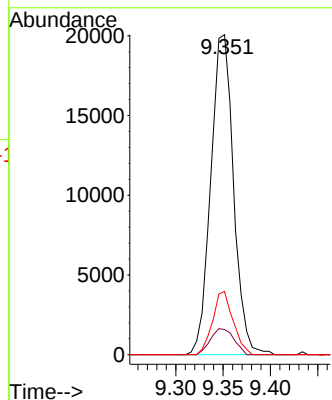
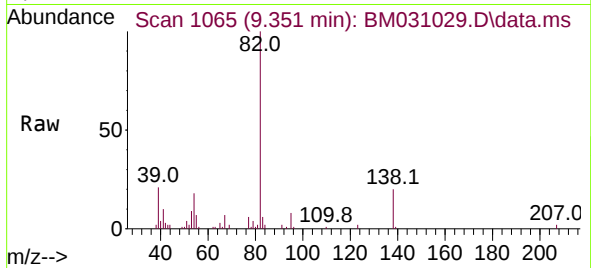




#25
Isophorone
Concen: 4.16 ng
RT: 9.351 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

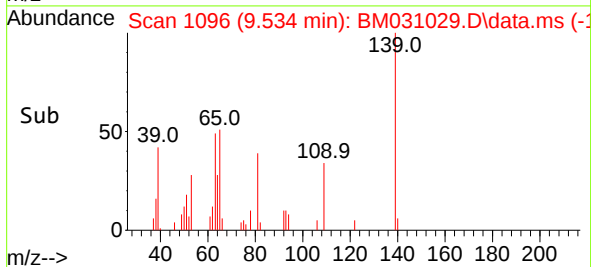
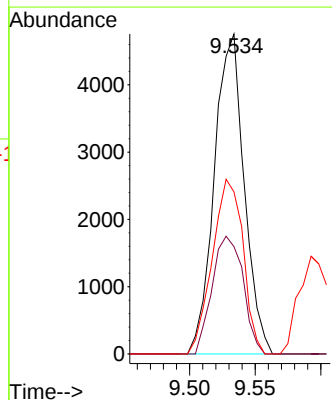
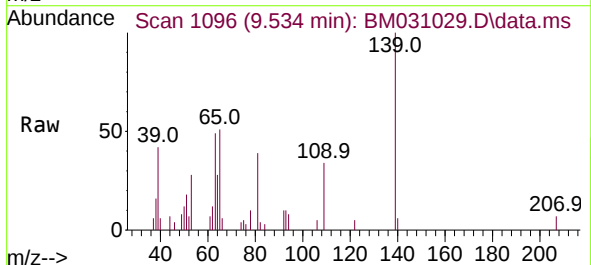
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

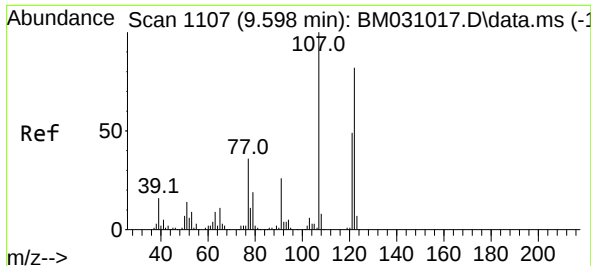
Tgt Ion: 82 Resp: 33603
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 19.8 14.5 21.7



#26
2-Nitrophenol
Concen: 3.92 ng
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 139 Resp: 7530
Ion Ratio Lower Upper
139 100
109 33.6 26.7 40.1
65 50.7 41.9 62.9

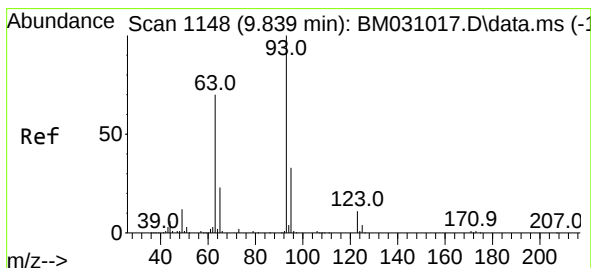
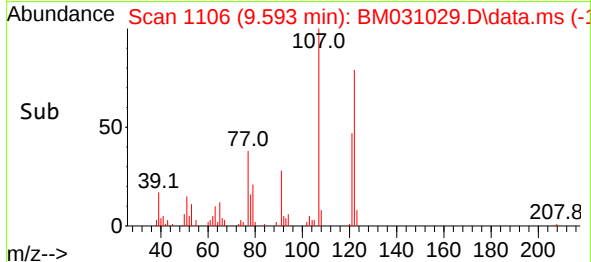
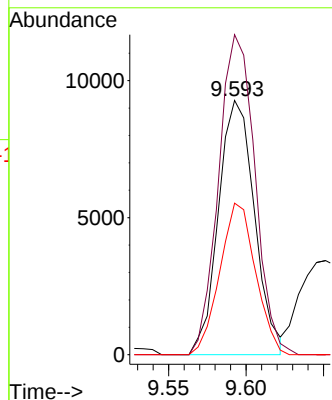
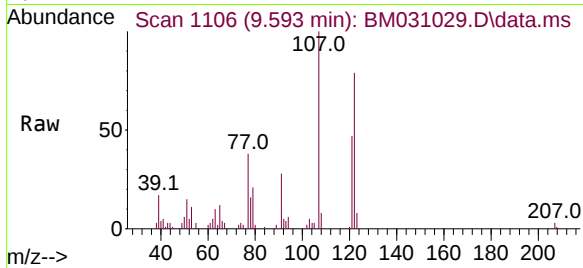




#27
2,4-Dimethylphenol
Concen: 4.97 ng
RT: 9.593 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

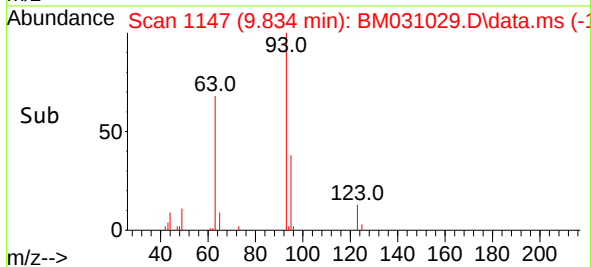
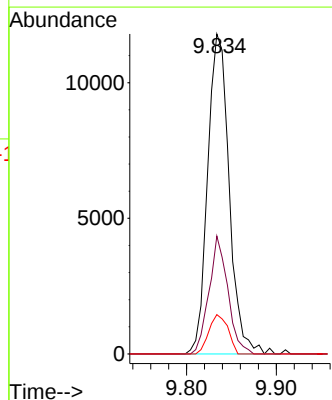
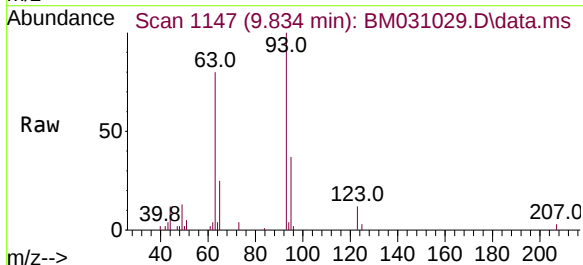
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

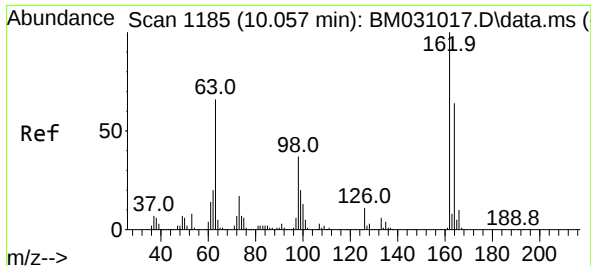
Tgt Ion:122 Resp: 15053
Ion Ratio Lower Upper
122 100
107 125.9 95.0 142.6
121 59.6 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.83 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 93 Resp: 19675
Ion Ratio Lower Upper
93 100
95 36.8 26.2 39.2
123 12.3 9.3 13.9

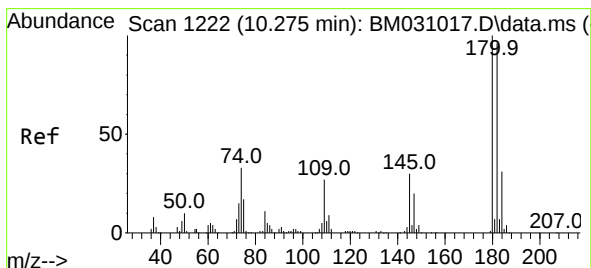
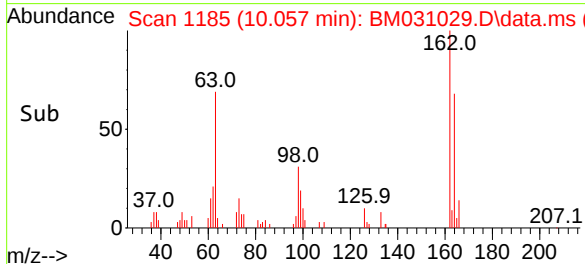
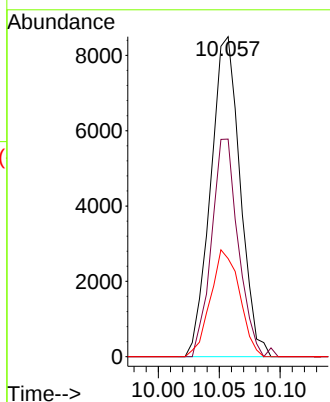
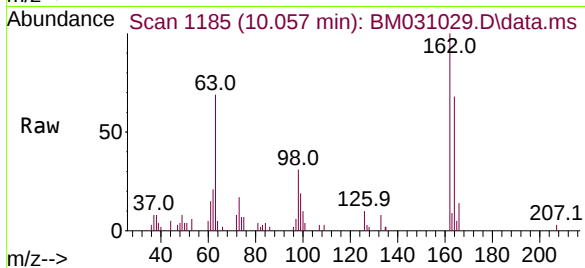




#29
2,4-Dichlorophenol
Concen: 4.00 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

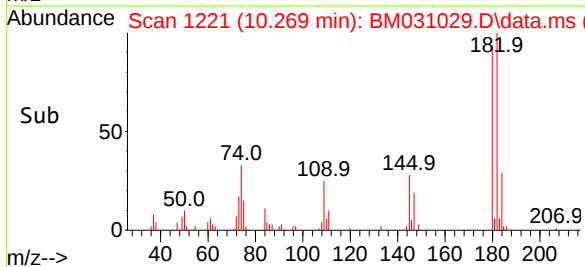
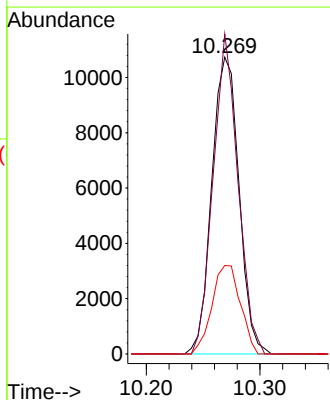
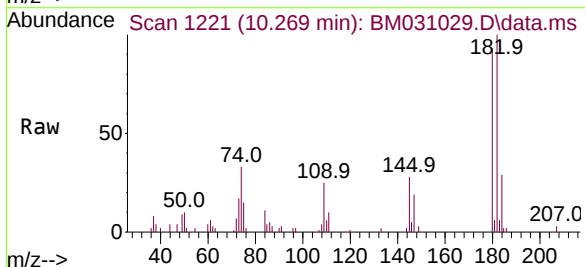
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

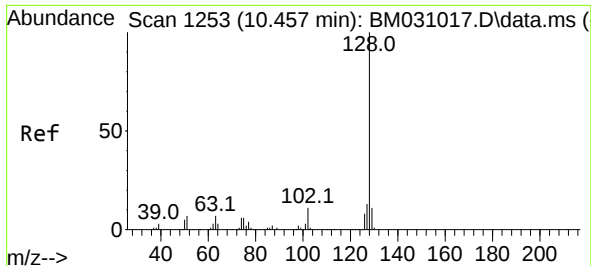
Tgt Ion:	162	Resp:	14326
Ion Ratio	Lower	Upper	
162	100		
164	68.0	46.5	86.5
98	30.7	12.1	52.1



#30
1,2,4-Trichlorobenzene
Concen: 4.55 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	180	Resp:	17887
Ion Ratio	Lower	Upper	
180	100		
182	107.8	76.3	114.5
145	29.8	22.3	33.5

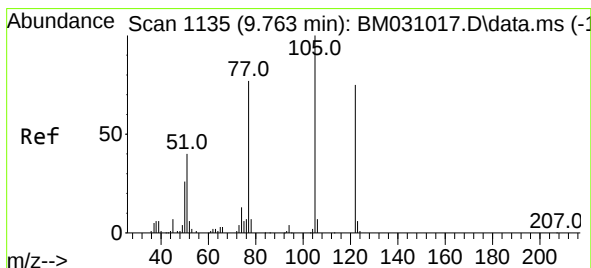
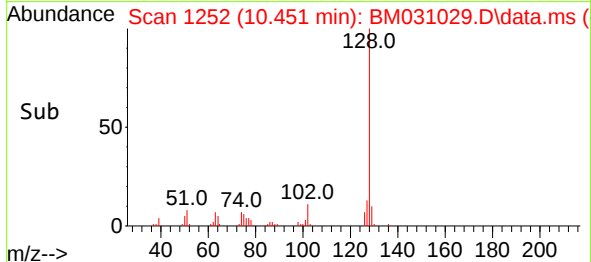
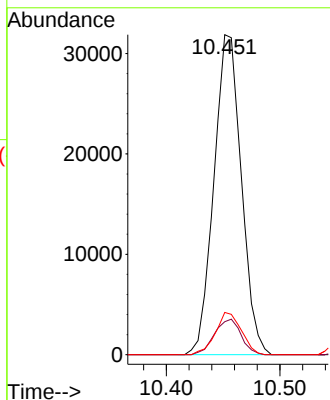
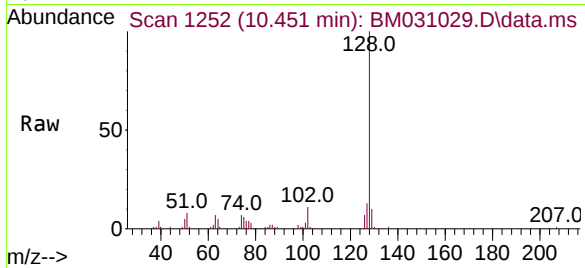




#31
Naphthalene
Concen: 4.58 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

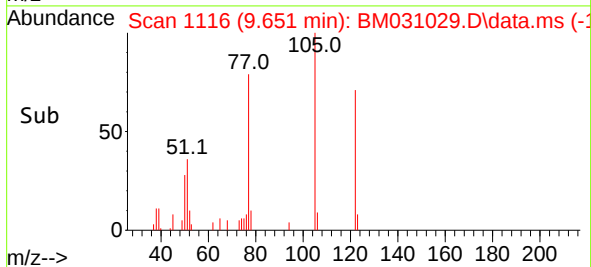
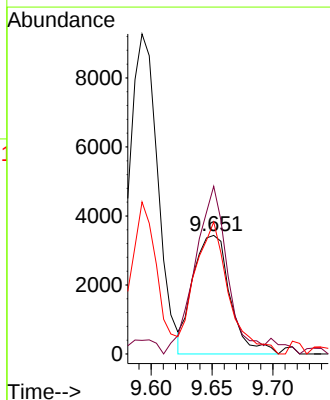
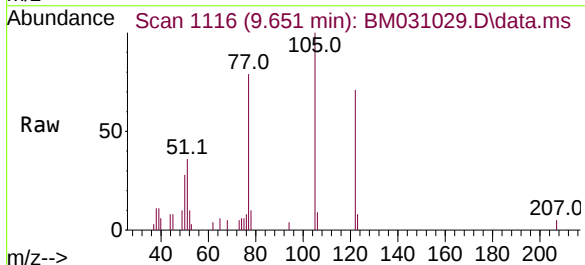
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

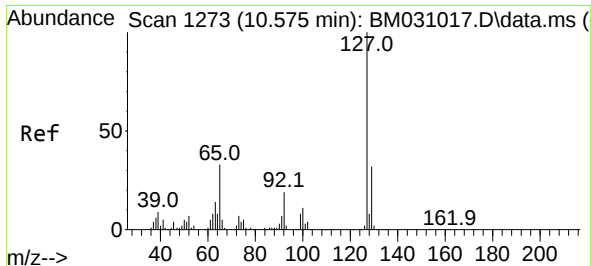
Tgt Ion:	128	Resp:	53445
Ion Ratio	Lower	Upper	
128	100		
129	10.3	9.0	13.6
127	13.2	10.8	16.2



#32
Benzoic acid
Concen: 2.82 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.111 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	122	Resp:	7278
Ion Ratio	Lower	Upper	
122	100		
105	141.5	107.3	147.3
77	111.4	88.0	128.0

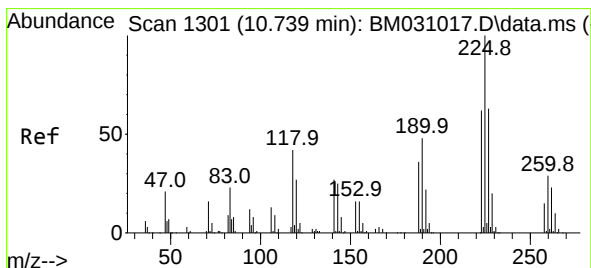
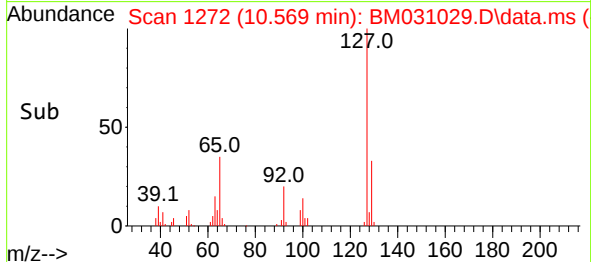
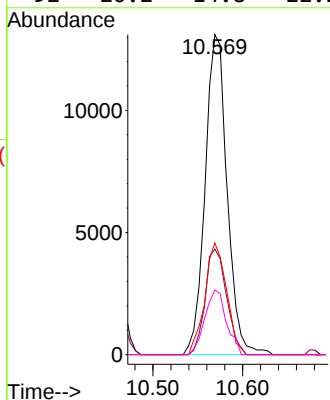
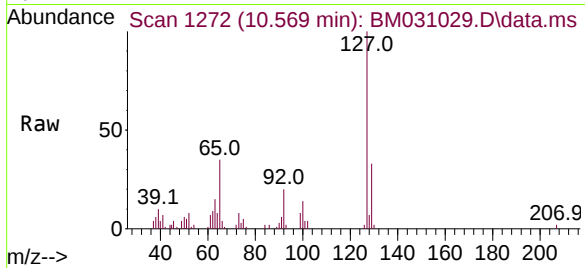




#33
4-Chloroaniline
Concen: 4.44 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

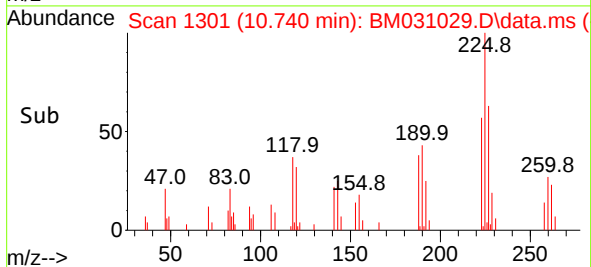
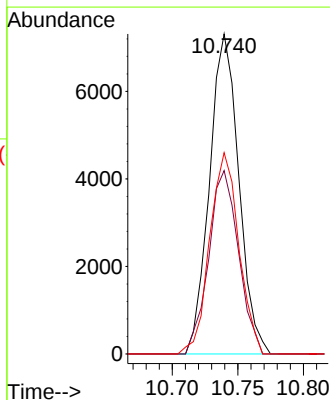
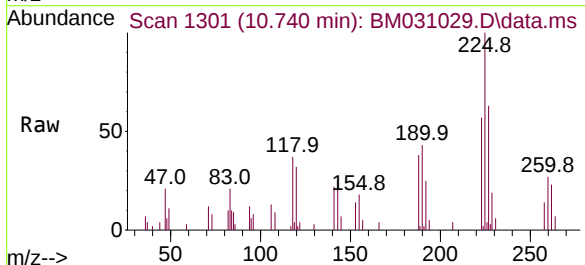
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

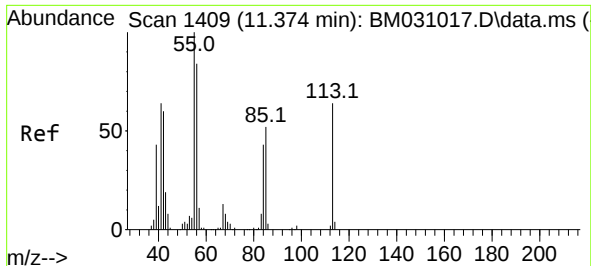
Tgt Ion:127	Resp:	22350
Ion Ratio	Lower	Upper
127 100		
129 33.0	26.8	40.2
65 34.9	25.2	37.8
92 20.2	14.8	22.2



#34
Hexachlorobutadiene
Concen: 4.50 ng
RT: 10.740 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:225	Resp:	11356
Ion Ratio	Lower	Upper
225 100		
223 57.3	52.1	78.1
227 62.9	53.8	80.6

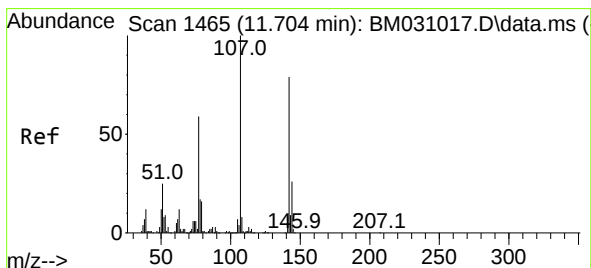
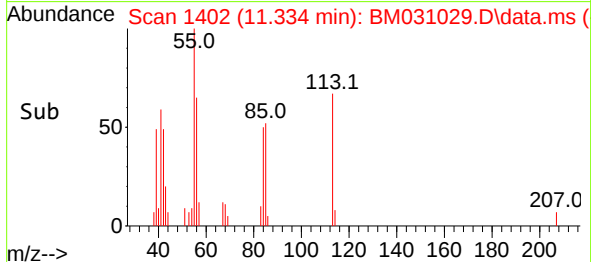
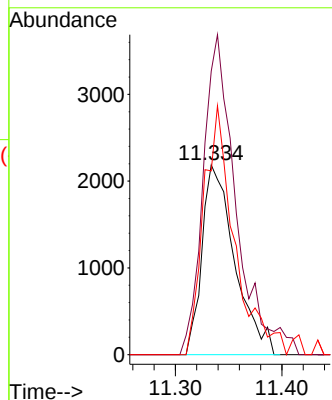
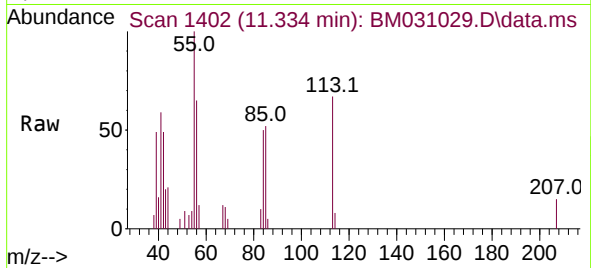




#35
Caprolactam
Concen: 3.88 ng
RT: 11.334 min Scan# 1402
Delta R.T. -0.041 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

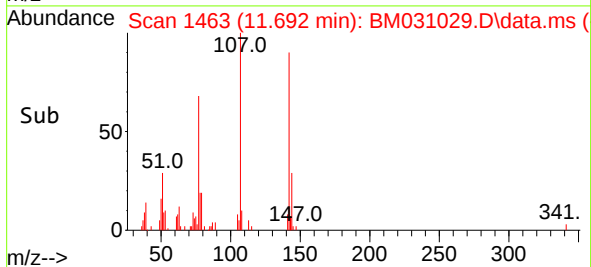
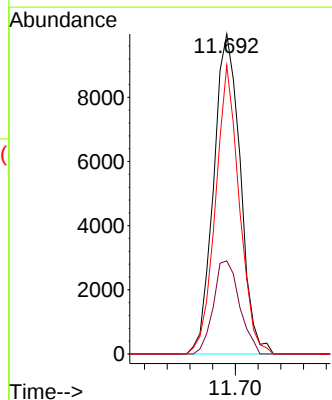
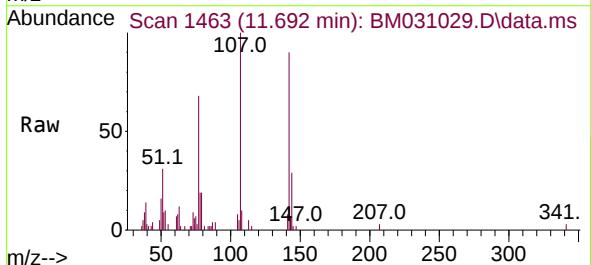
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

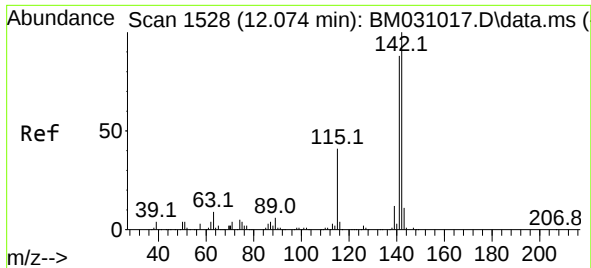
Tgt Ion:113 Resp: 4667
Ion Ratio Lower Upper
113 100
55 149.5 132.0 172.0
56 96.9 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 3.97 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:107 Resp: 16235
Ion Ratio Lower Upper
107 100
144 29.1 22.3 33.5
142 90.1 69.3 103.9

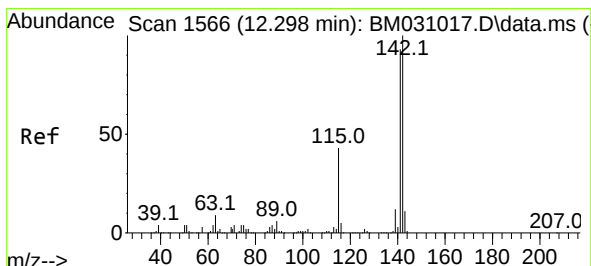
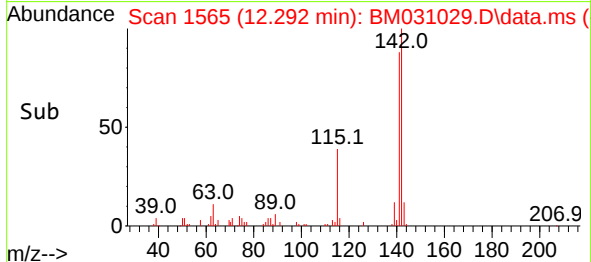
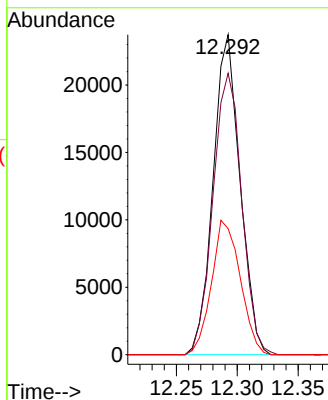
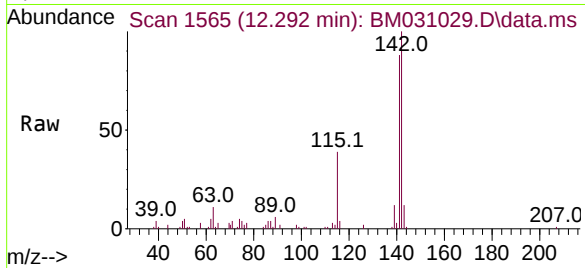




#37
2-Methylnaphthalene
Concen: 4.06 ng
RT: 12.292 min Scan# 1565
Delta R.T. 0.218 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

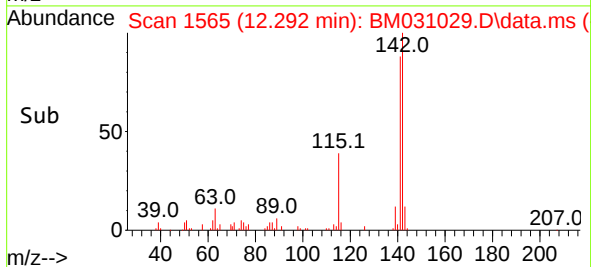
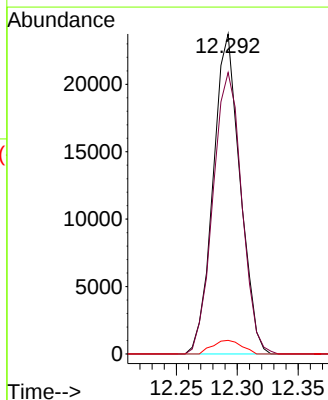
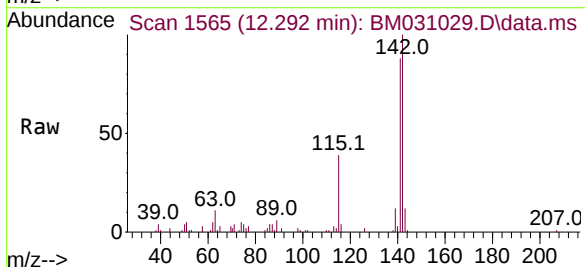
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

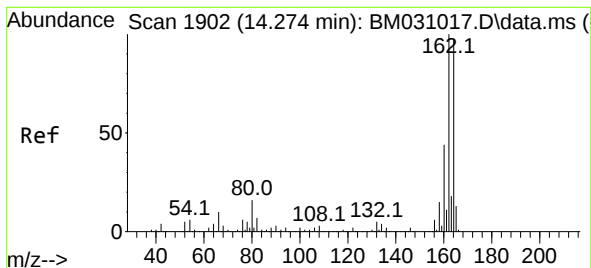
Tgt Ion:142	Resp:	36566
Ion Ratio	Lower	Upper
142	100	
141	87.9	71.7 107.5
115	39.4	29.1 43.7



#38
1-Methylnaphthalene
Concen: 4.27 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:142	Resp:	36566
Ion Ratio	Lower	Upper
142	100	
141	87.9	74.2 111.4
116	4.2	3.0 4.6

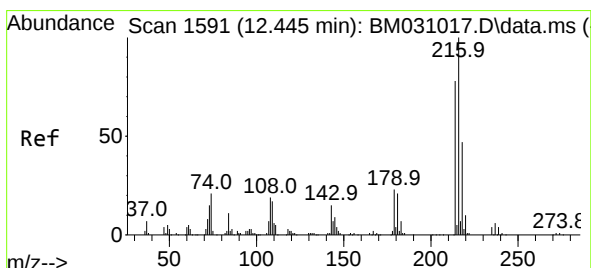
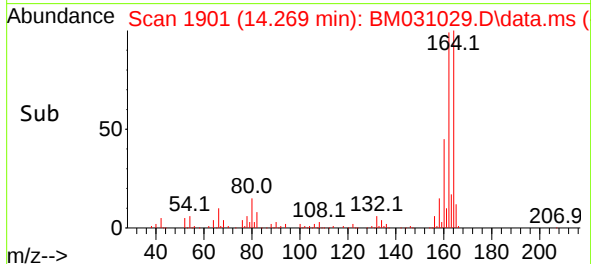
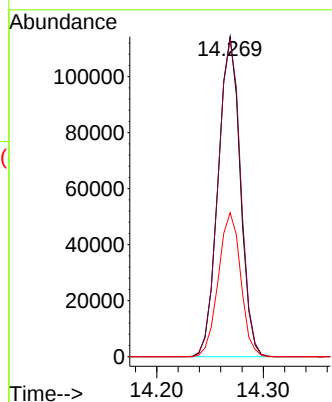
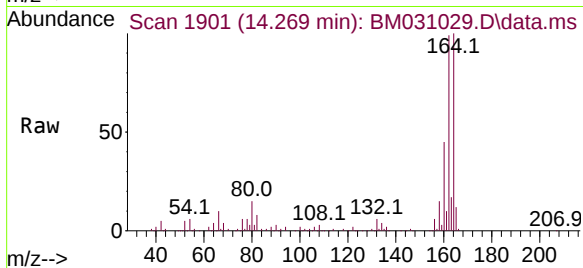




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

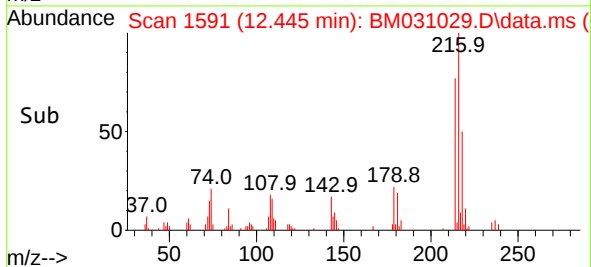
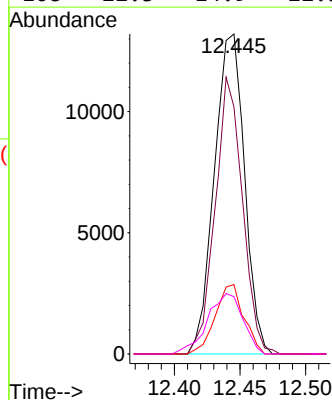
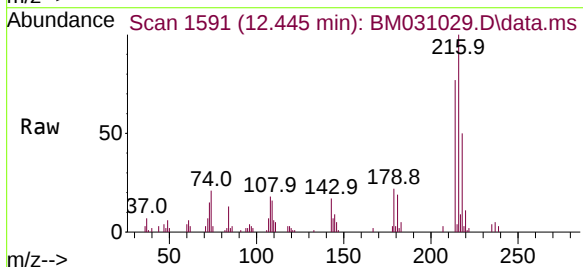
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

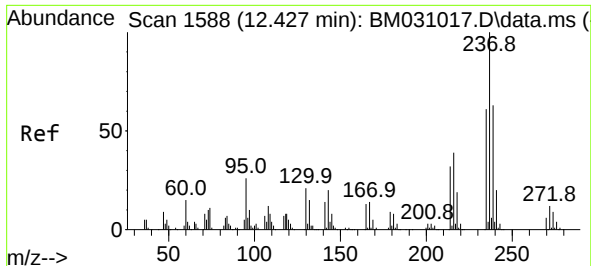
Tgt Ion:164 Resp: 164413
Ion Ratio Lower Upper
164 100
162 99.1 83.4 125.0
160 45.0 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.61 ng
RT: 12.445 min Scan# 1591
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:216 Resp: 21109
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.6 17.6 26.4
108 22.3 14.9 22.3

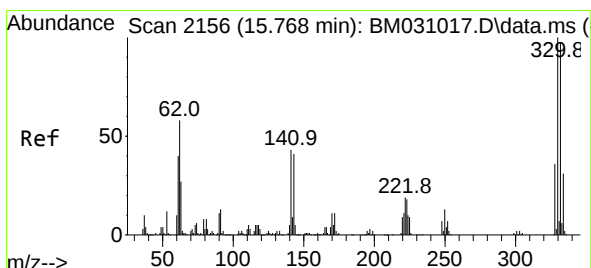
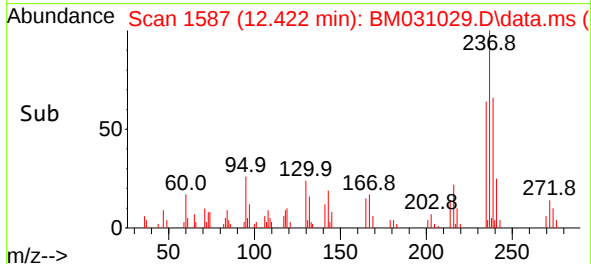
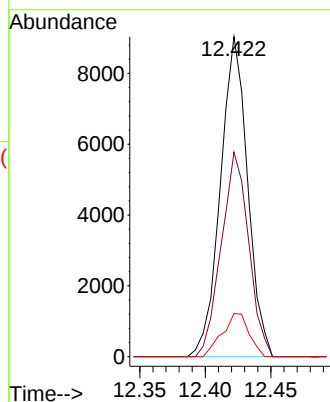
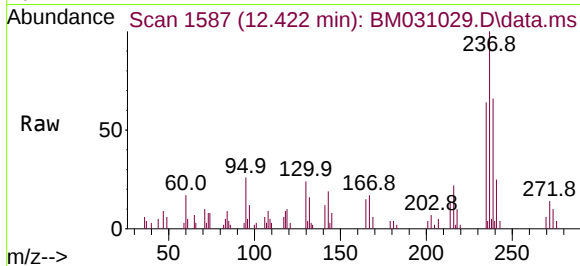




#41
Hexachlorocyclopentadiene
Concen: 5.11 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

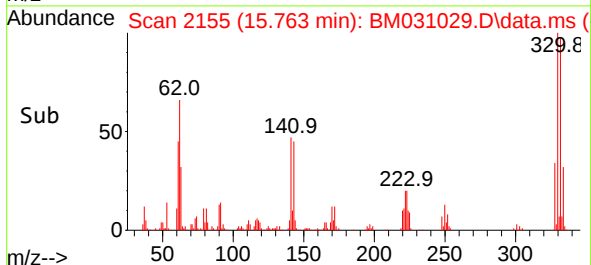
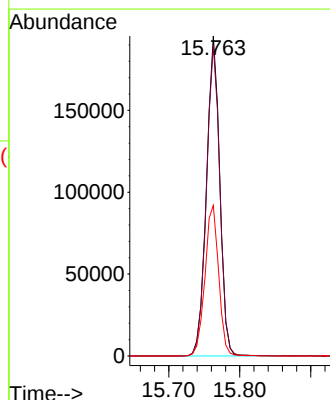
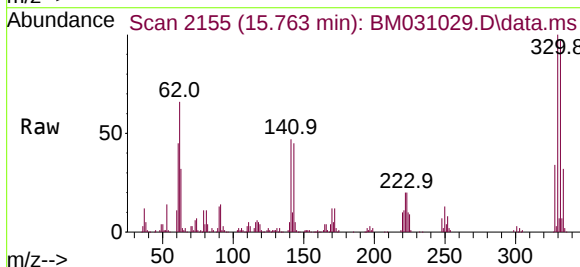
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

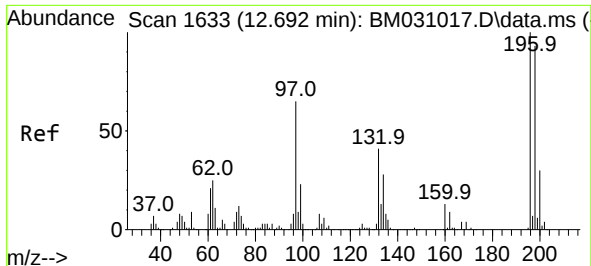
Tgt Ion:	237	Resp:	13015
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.4	82.4
272	13.5	0.0	31.7



#42
2,4,6-Tribromophenol
Concen: 118.87 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	330	Resp:	255204
Ion Ratio	Lower	Upper	
330	100		
332	97.6	77.0	115.4
141	48.5	30.2	45.2#

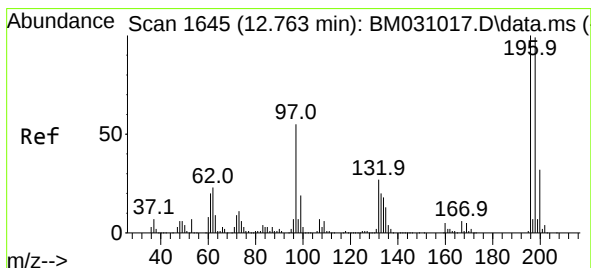
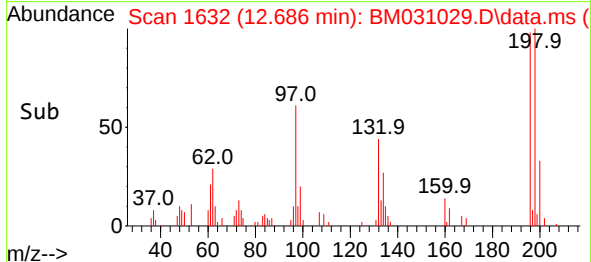
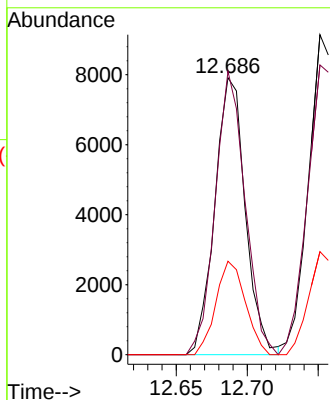
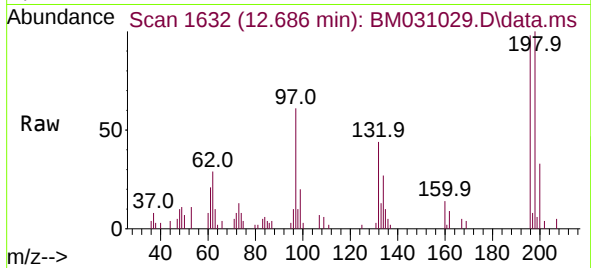




#43
2,4,6-Trichlorophenol
Concen: 3.68 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

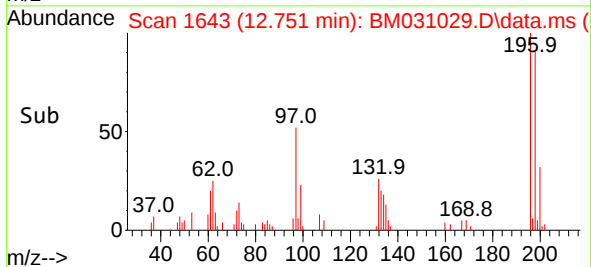
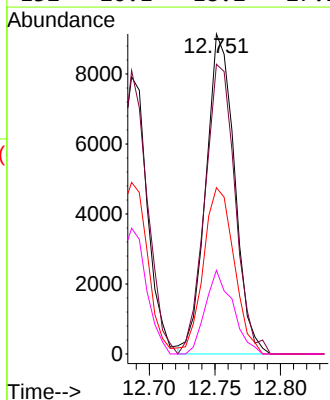
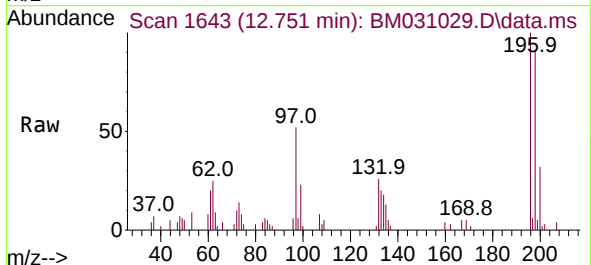
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

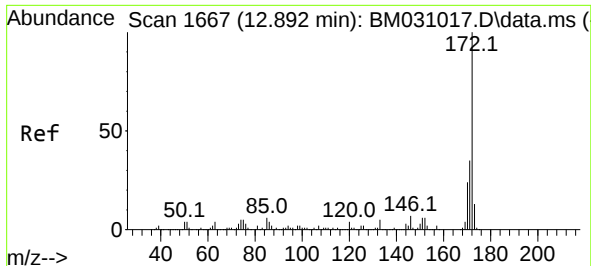
Tgt Ion:196 Resp: 11837
Ion Ratio Lower Upper
196 100
198 102.3 77.6 116.4
200 33.8 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 3.90 ng
RT: 12.751 min Scan# 1643
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:196 Resp: 13912
Ion Ratio Lower Upper
196 100
198 90.6 77.0 115.4
97 52.0 36.6 55.0
132 26.1 18.2 27.2

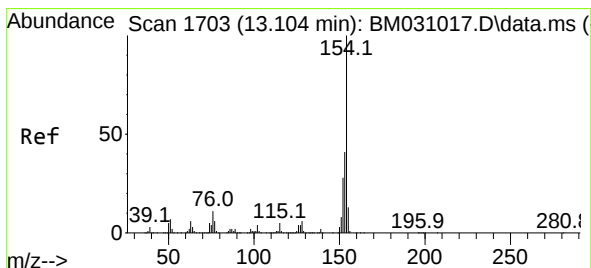
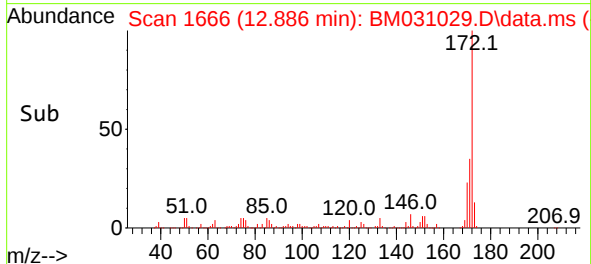
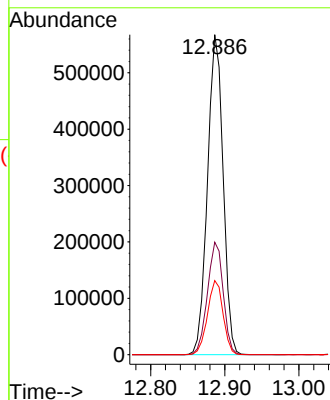
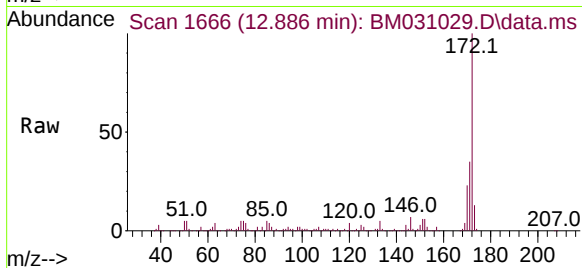




#45
2-Fluorobiphenyl
Concen: 75.39 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

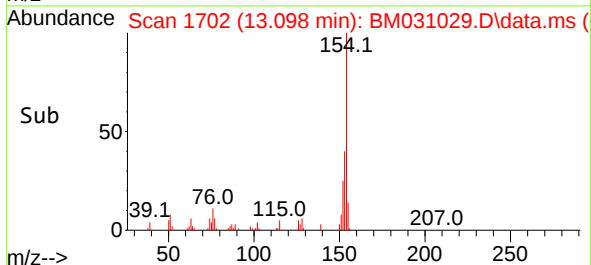
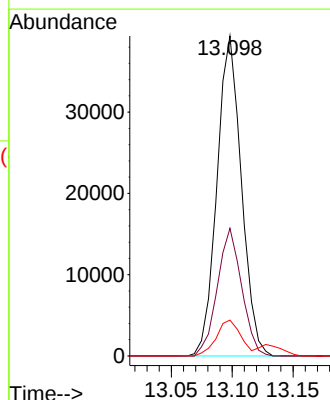
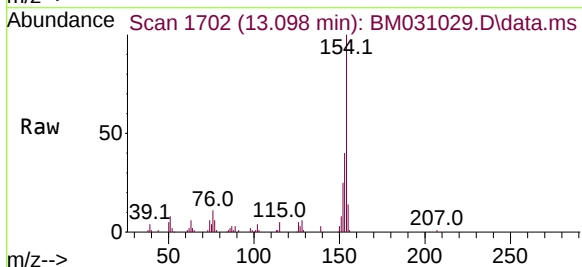
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

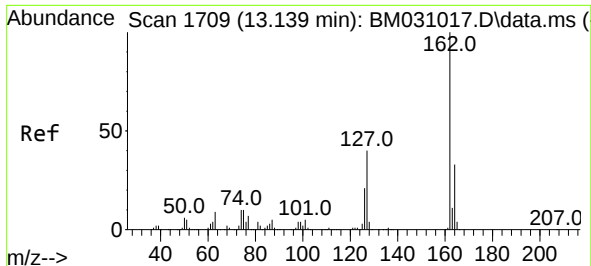
Tgt Ion:172 Resp: 830746
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.1 18.4 27.6



#46
1,1'-Biphenyl
Concen: 4.72 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:154 Resp: 54987
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 11.2 0.0 31.0

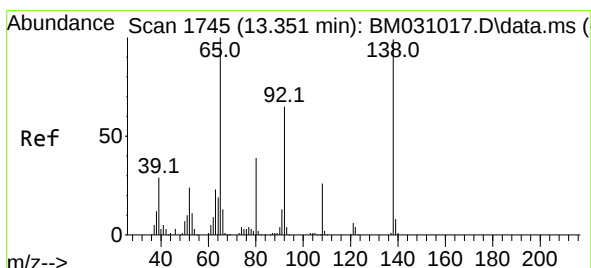
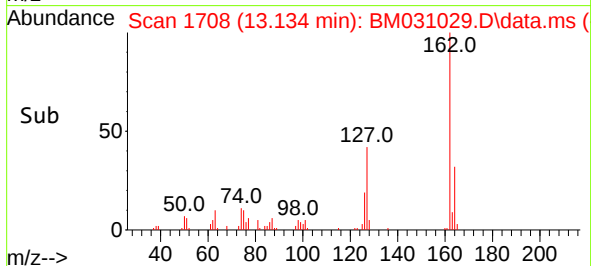
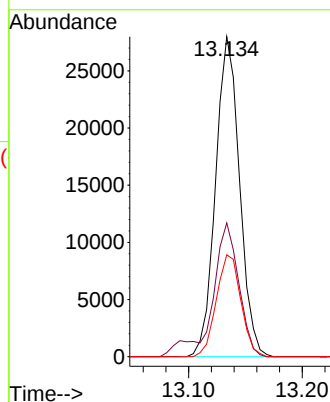
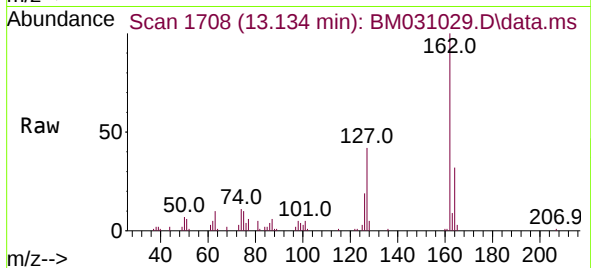




#47
2-Chloronaphthalene
Concen: 4.50 ng
RT: 13.134 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

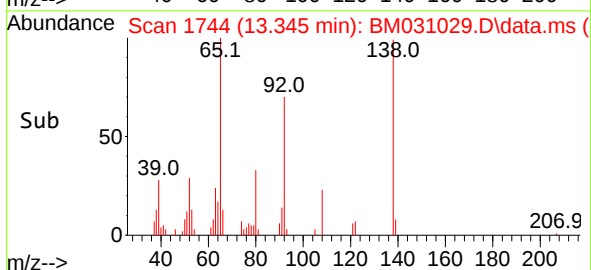
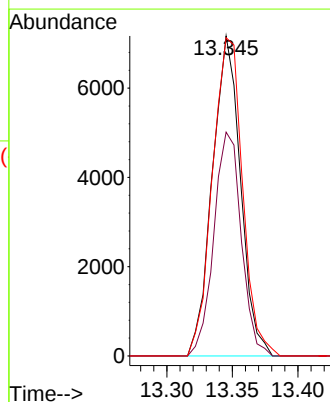
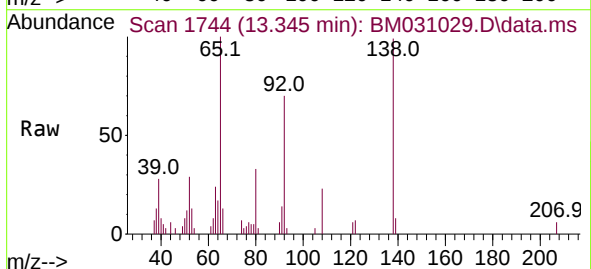
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

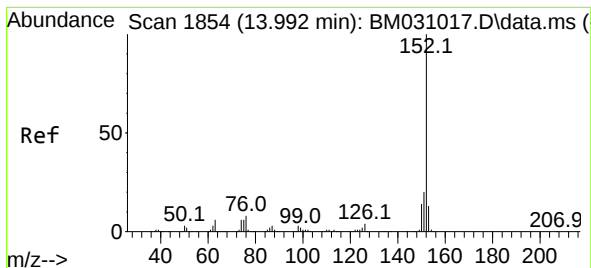
Tgt Ion:162 Resp: 41067
Ion Ratio Lower Upper
162 100
127 41.8 27.1 40.7#
164 31.9 26.1 39.1



#48
2-Nitroaniline
Concen: 3.68 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 65 Resp: 10699
Ion Ratio Lower Upper
65 100
92 70.0 55.5 83.3
138 99.4 85.7 128.5





#49

Acenaphthylene

Concen: 4.30 ng

RT: 13.986 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

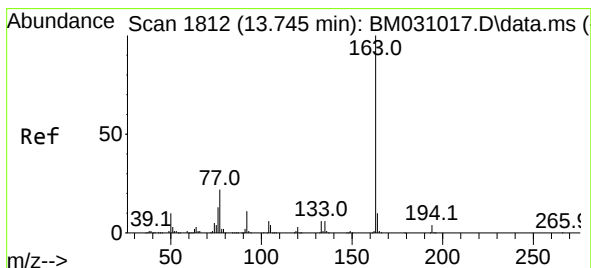
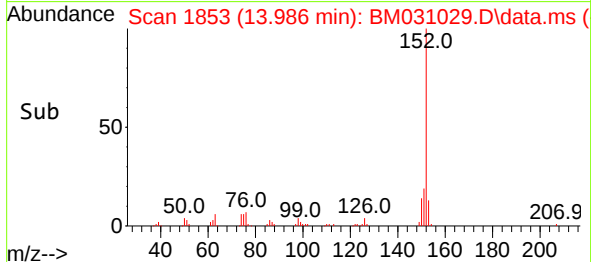
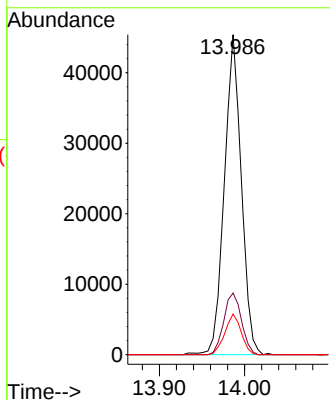
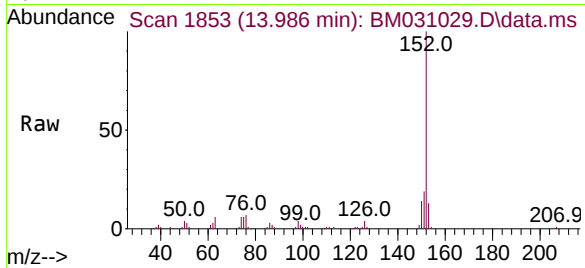
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021

Tgt Ion:152	Resp:	62806
Ion Ratio	Lower	Upper
152	100	
151	19.2	16.3 24.5
153	12.7	10.2 15.4



#50

Dimethylphthalate

Concen: 4.43 ng

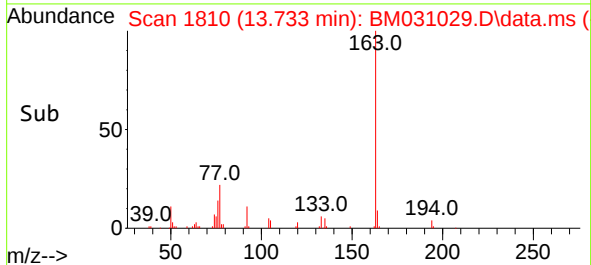
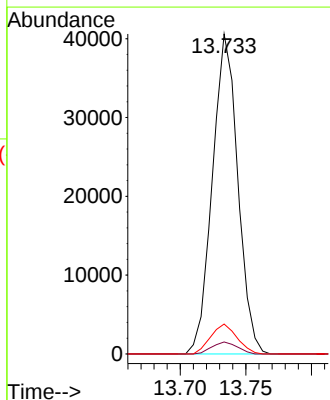
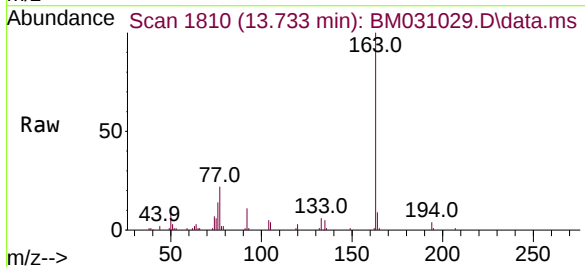
RT: 13.733 min Scan# 1810

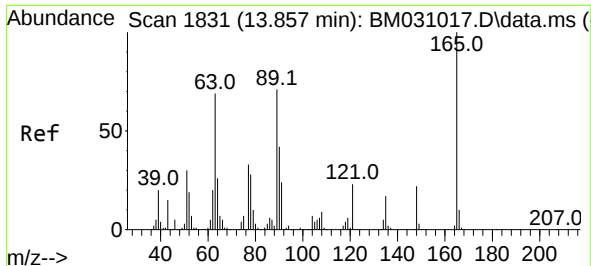
Delta R.T. -0.011 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:163	Resp:	54684
Ion Ratio	Lower	Upper
163	100	
194	3.8	3.3 4.9
164	9.4	7.9 11.9

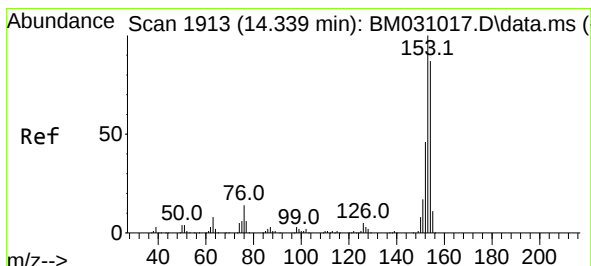
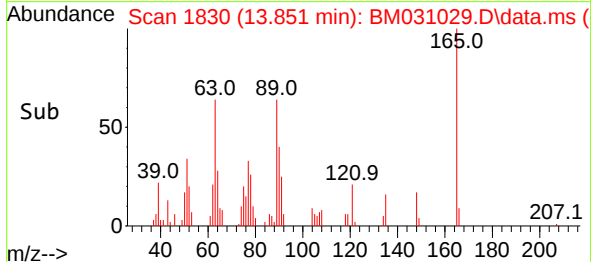
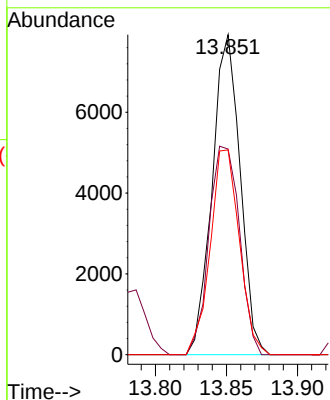
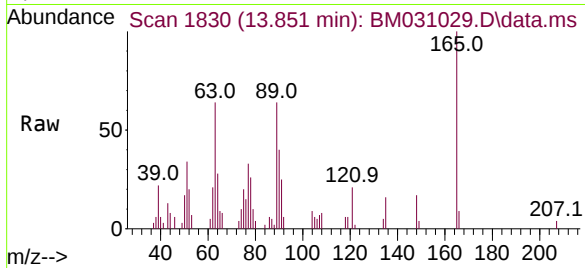




#51
2,6-Dinitrotoluene
Concen: 3.92 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

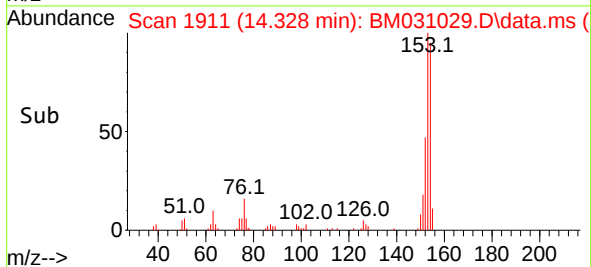
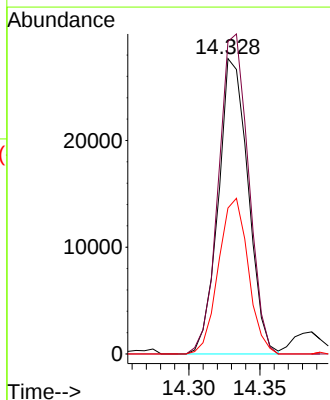
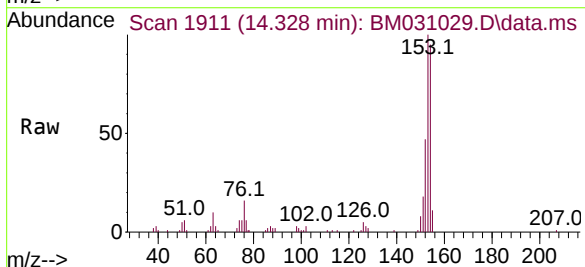
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

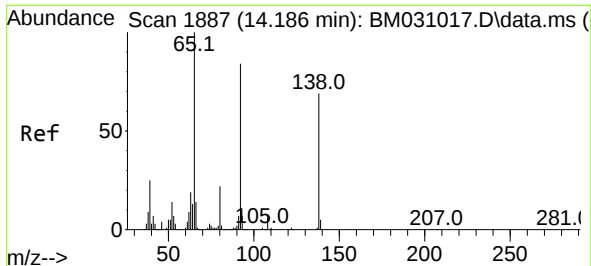
Tgt Ion:165 Resp: 10839
Ion Ratio Lower Upper
165 100
63 64.2 45.3 67.9
89 64.0 46.3 69.5



#52
Acenaphthene
Concen: 4.39 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:154 Resp: 40299
Ion Ratio Lower Upper
154 100
153 105.8 92.2 138.2
152 49.4 43.4 65.2

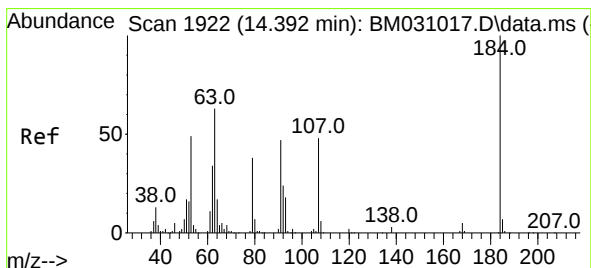
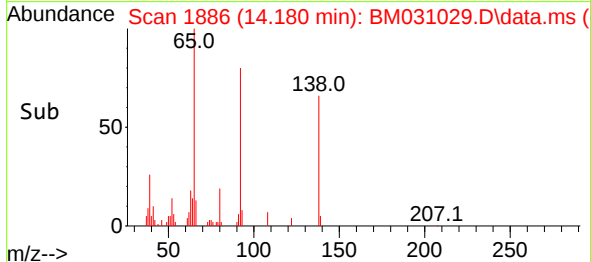
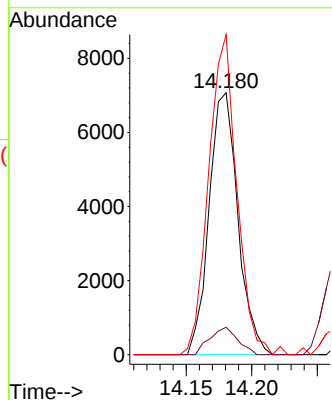
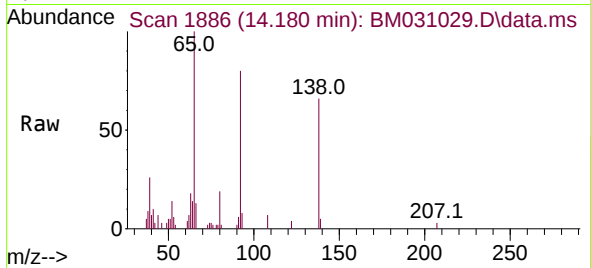




#53
3-Nitroaniline
Concen: 3.87 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

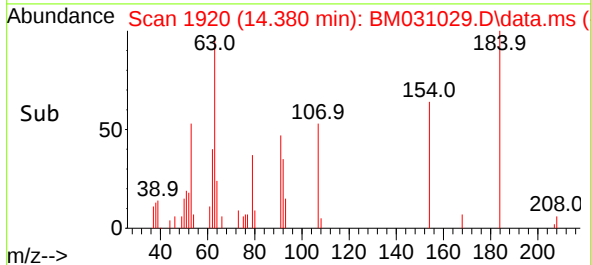
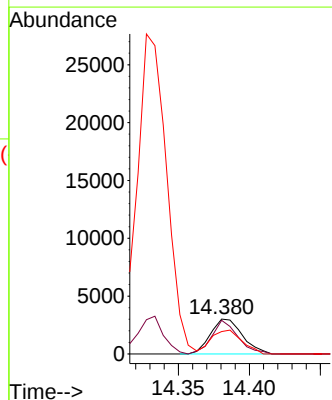
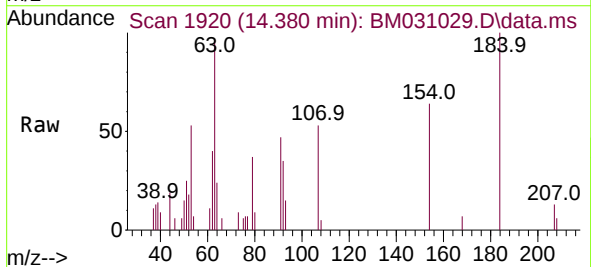
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

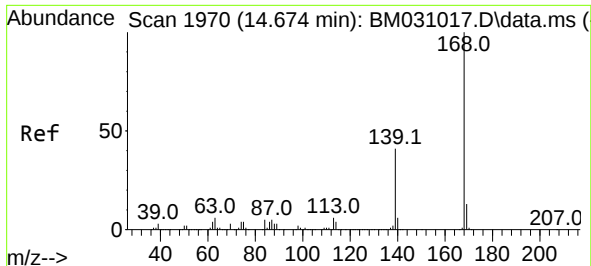
Tgt Ion:138 Resp: 10792
Ion Ratio Lower Upper
138 100
108 10.5 7.7 11.5
92 122.1 92.6 138.8



#54
2,4-Dinitrophenol
Concen: 2.88 ng
RT: 14.380 min Scan# 1920
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:184 Resp: 4693
Ion Ratio Lower Upper
184 100
63 96.3 54.2 81.2#
154 64.4 56.1 84.1

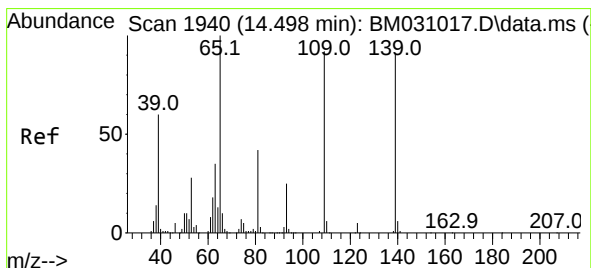
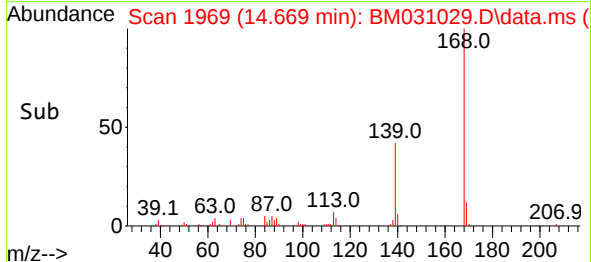
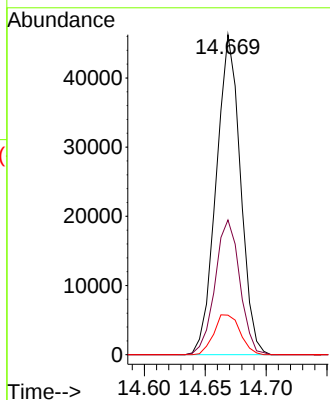
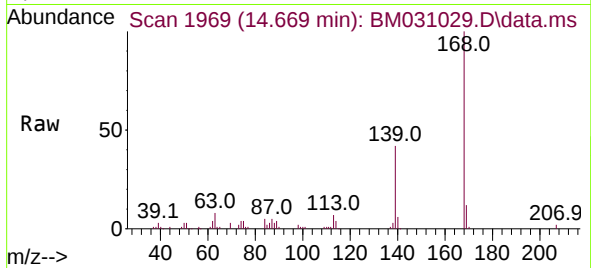




#55
Dibenzofuran
Concen: 4.26 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

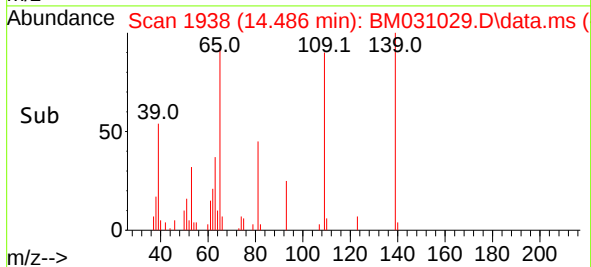
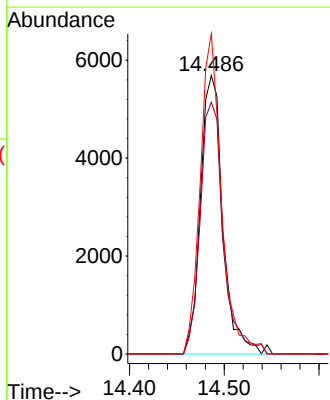
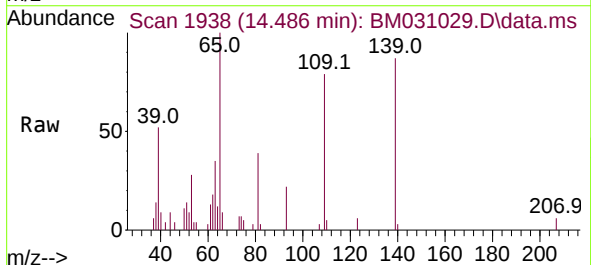
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

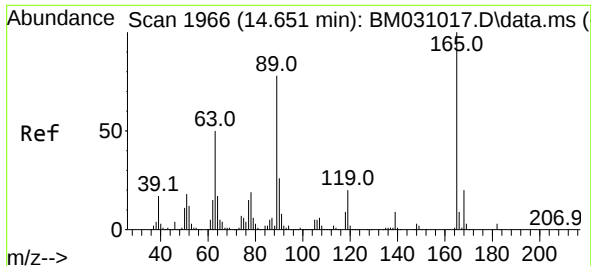
Tgt Ion:168 Resp: 64136
Ion Ratio Lower Upper
168 100
139 42.1 29.4 44.0
169 12.4 10.8 16.2



#56
4-Nitrophenol
Concen: 3.77 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

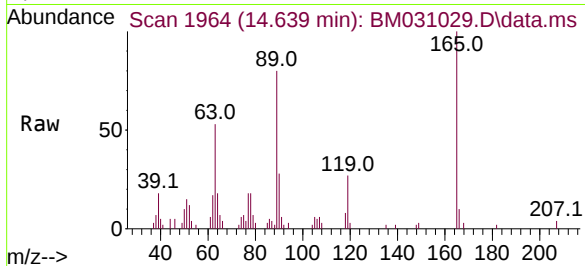
Tgt Ion:139 Resp: 9316
Ion Ratio Lower Upper
139 100
109 90.4 64.5 104.5
65 114.9 78.9 118.9



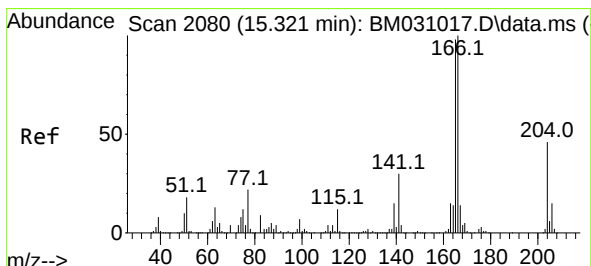
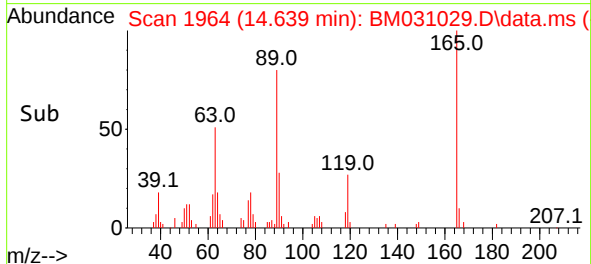
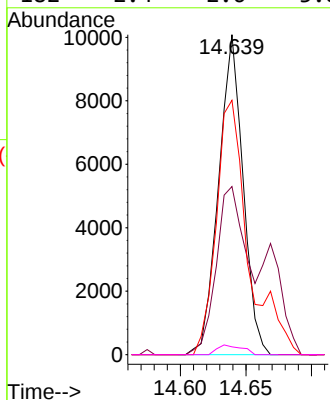


#57
2,4-Dinitrotoluene
Concen: 3.39 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

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

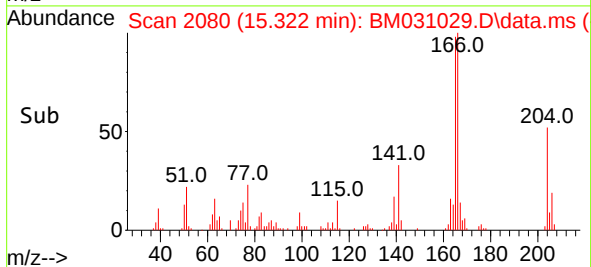
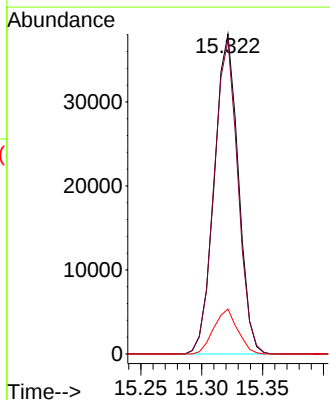
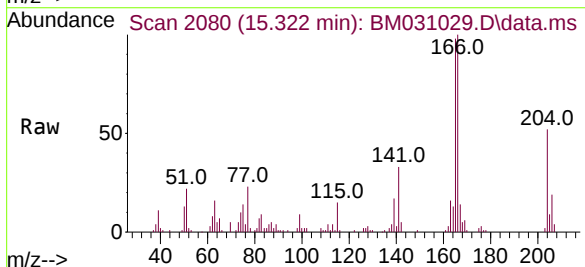


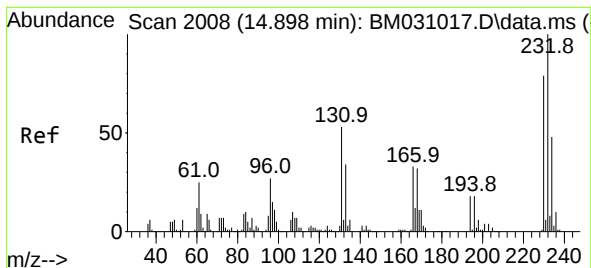
Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.5	35.0	52.4#
89	79.5	55.2	82.8
182	2.4	2.6	3.8#



#58
Fluorene
Concen: 4.11 ng
RT: 15.322 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.0	118.6
167	14.1	10.8	16.2

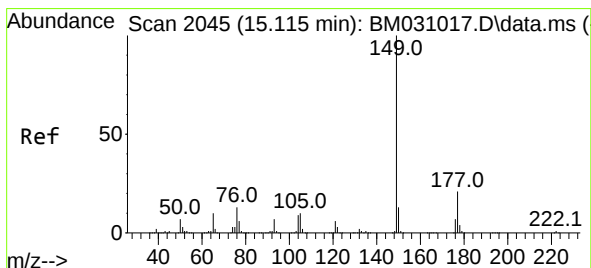
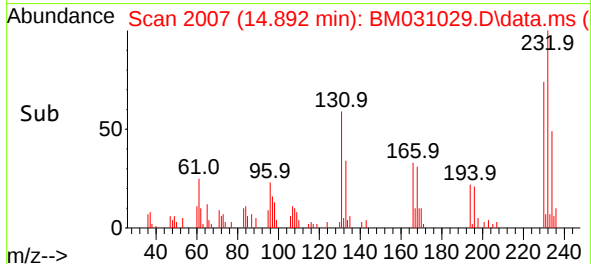
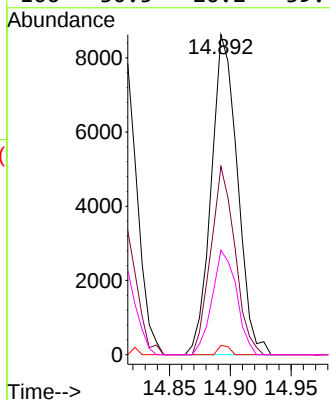
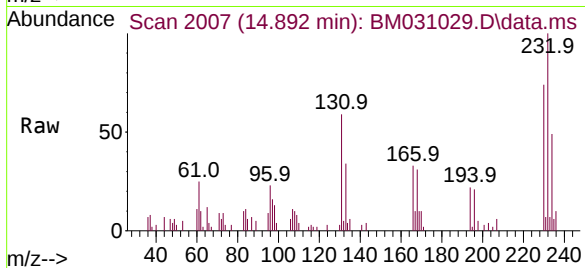




#59
2,3,4,6-Tetrachlorophenol
Concen: 3.89 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

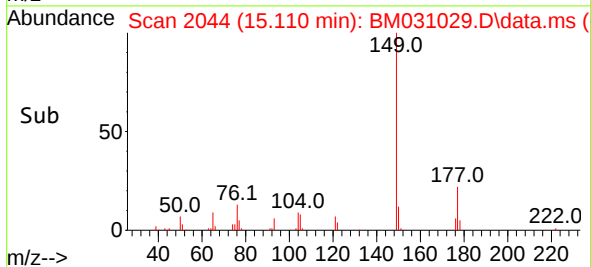
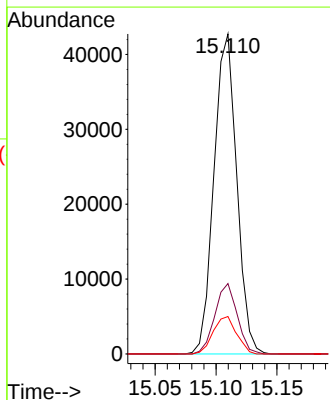
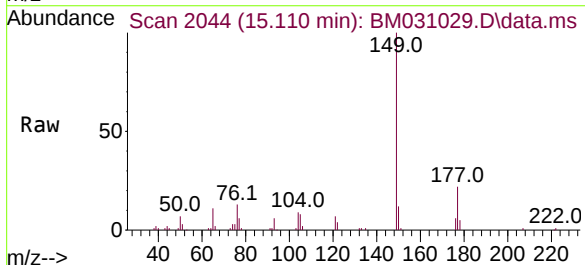
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

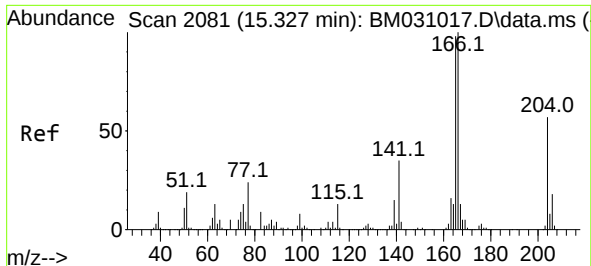
Tgt Ion:232	Resp:	12906
Ion Ratio	Lower	Upper
232	100	
131	54.6	34.4 51.6#
130	1.3	2.2 3.2#
166	30.5	26.2 39.4



#60
Diethylphthalate
Concen: 4.21 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:149	Resp:	55644
Ion Ratio	Lower	Upper
149	100	
177	22.0	17.9 26.9
150	11.7	10.3 15.5

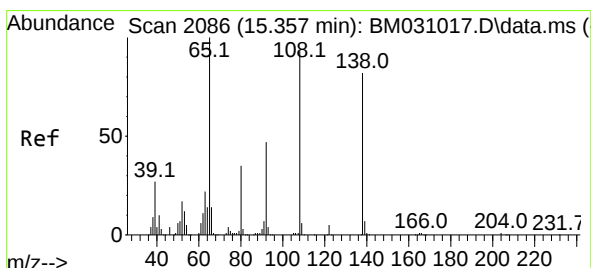
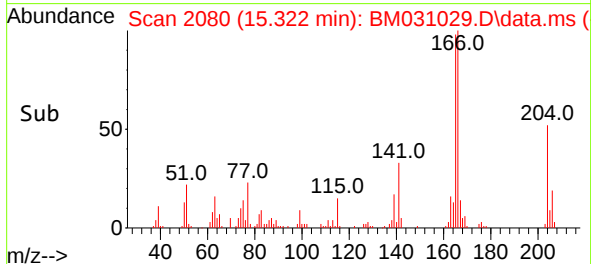
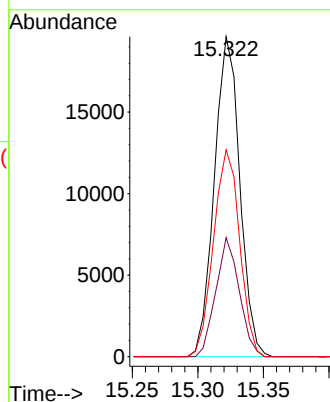
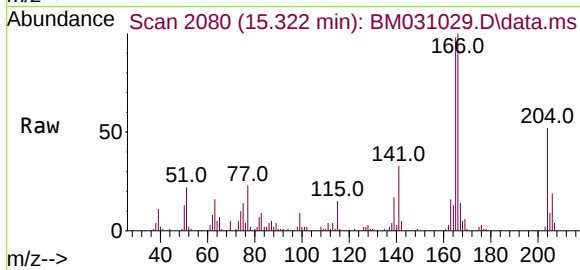




#61
4-Chlorophenyl-phenylether
Concen: 4.21 ng
RT: 15.322 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

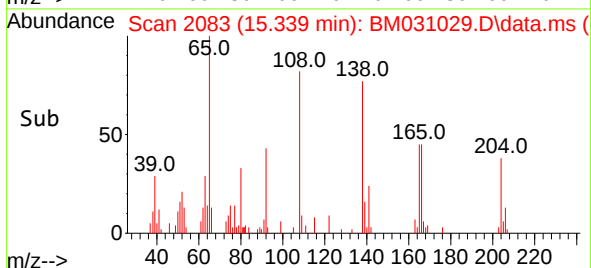
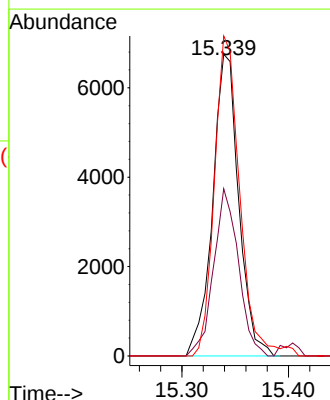
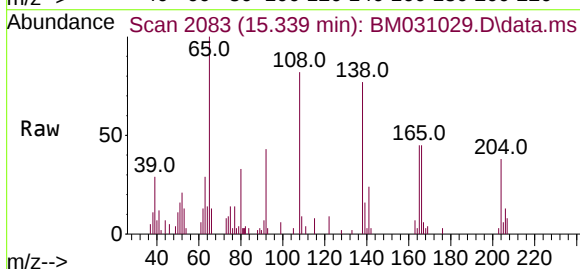
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

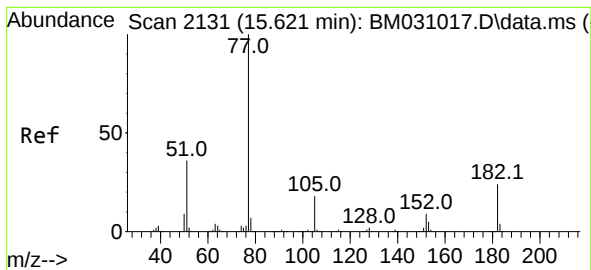
Tgt Ion:204 Resp: 26497
Ion Ratio Lower Upper
204 100
206 37.2 25.5 38.3
141 64.6 40.3 60.5#



#62
4-Nitroaniline
Concen: 3.73 ng
RT: 15.339 min Scan# 2083
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:138 Resp: 11477
Ion Ratio Lower Upper
138 100
92 55.4 33.4 73.4
108 106.0 75.5 115.5

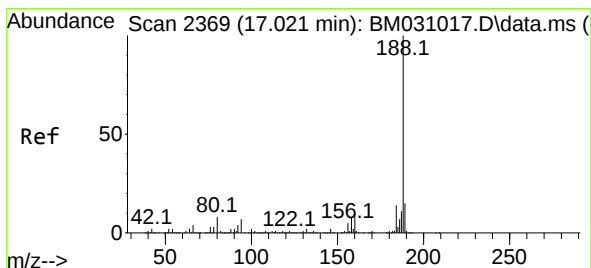
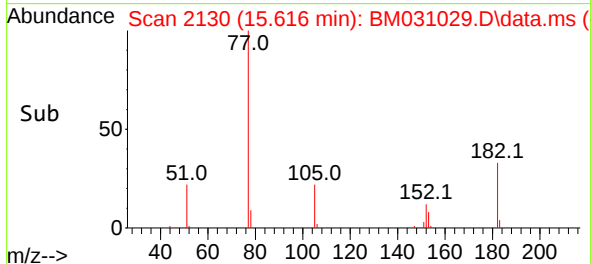
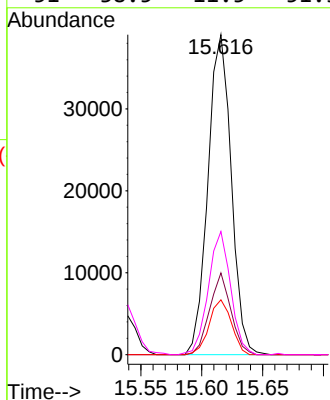
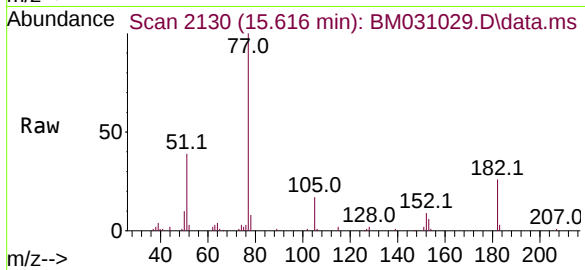




#63
Azobenzene
Concen: 3.96 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

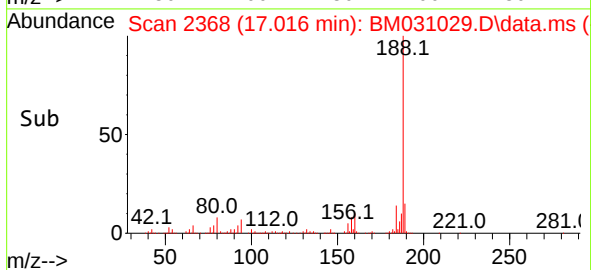
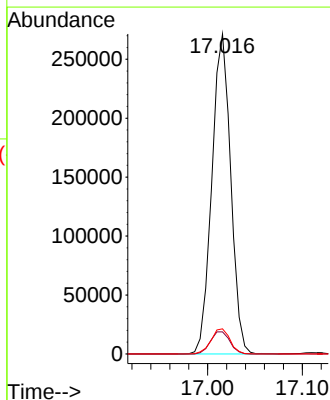
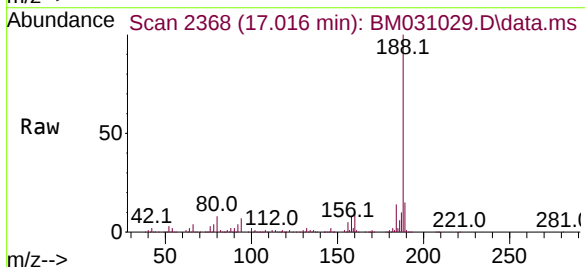
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

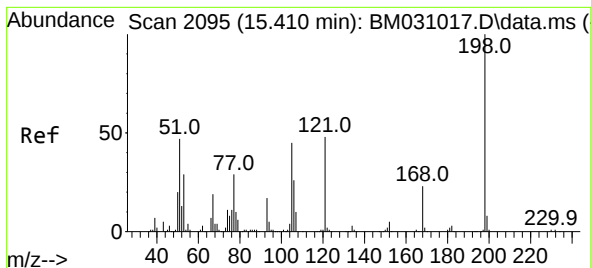
Tgt Ion: 77	Resp: 52101
Ion Ratio	Lower Upper
77 100	
182 25.6	6.8 46.8
105 17.2	0.0 36.6
51 38.5	11.5 51.5



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.016 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion: 188	Resp: 375152
Ion Ratio	Lower Upper
188 100	
94 6.9	6.0 9.0
80 7.8	6.6 9.8

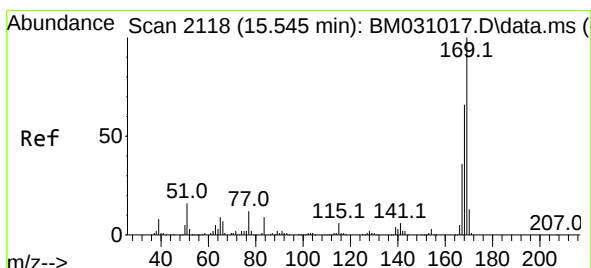
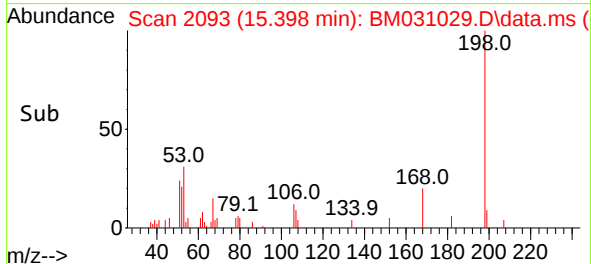
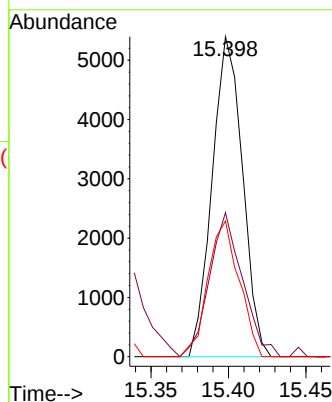
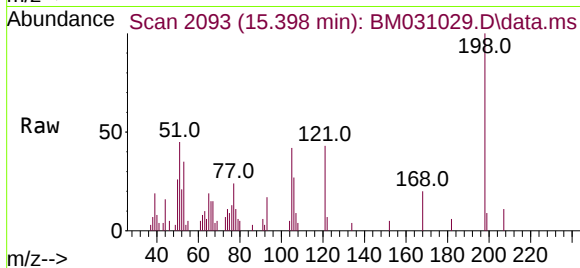




#65
4,6-Dinitro-2-methylphenol
Concen: 3.13 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

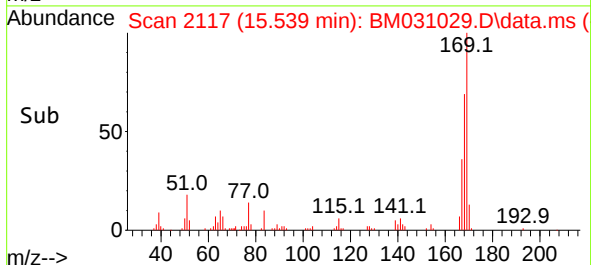
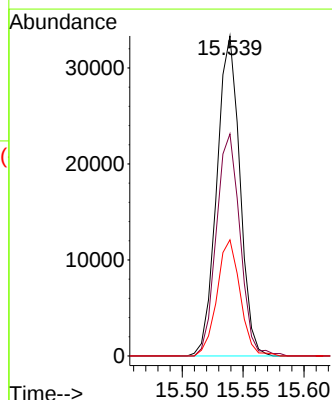
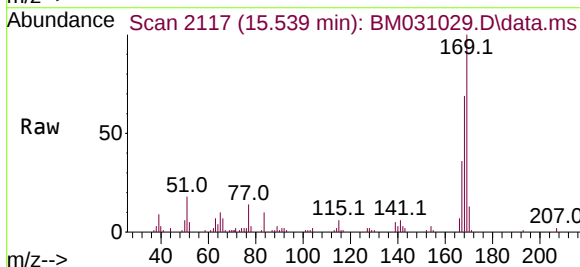
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

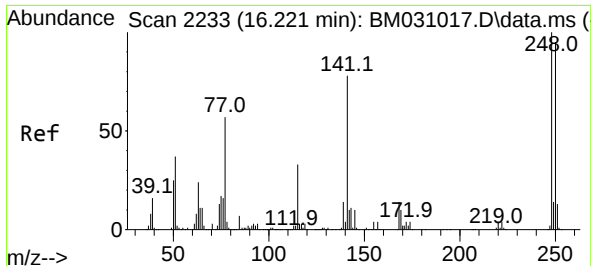
Tgt Ion:198	Resp:	7361
Ion Ratio	Lower	Upper
198	100	
51	45.0	18.9 58.9
105	42.4	17.6 57.6



#66
n-Nitrosodiphenylamine
Concen: 3.98 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:169	Resp:	43942
Ion Ratio	Lower	Upper
169	100	
168	69.4	54.2 81.2
167	36.3	29.0 43.6

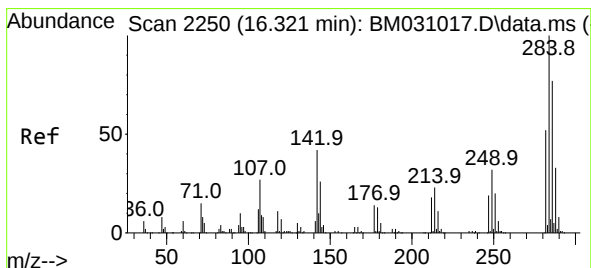
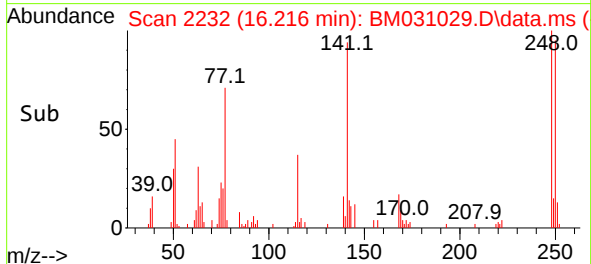
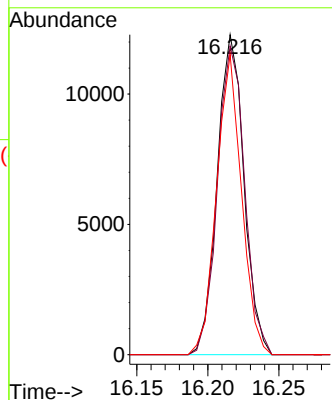
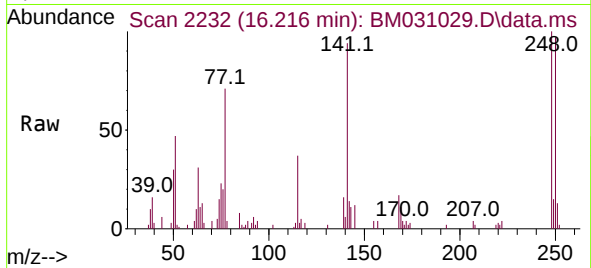




#67
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 16.216 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

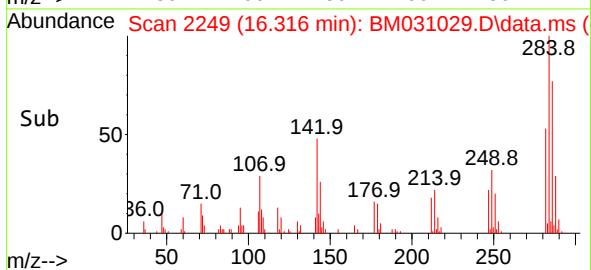
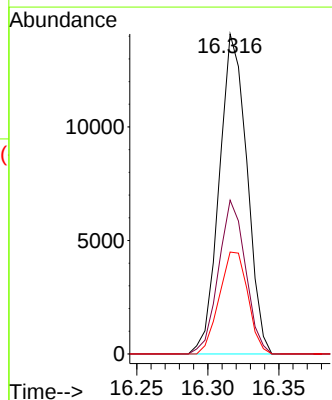
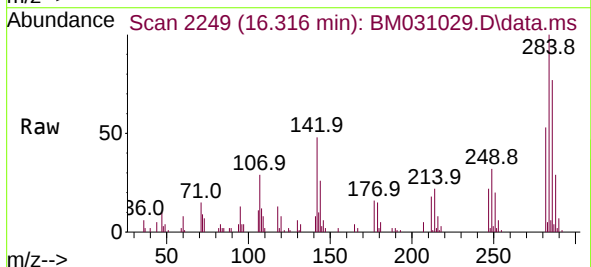
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

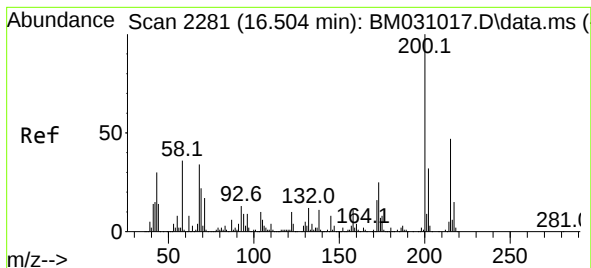
Tgt Ion:248 Resp: 16088
Ion Ratio Lower Upper
248 100
250 96.5 77.9 116.9
141 93.8 56.2 84.2#



#68
Hexachlorobenzene
Concen: 4.36 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:284 Resp: 19082
Ion Ratio Lower Upper
284 100
142 48.0 29.0 43.4#
249 34.9 26.0 39.0





#69

Atrazine

Concen: 4.38 ng

RT: 16.492 min Scan# 2279

Delta R.T. -0.011 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:200 Resp: 17745

Ion Ratio Lower Upper

200 100

173 29.9 3.8 43.8

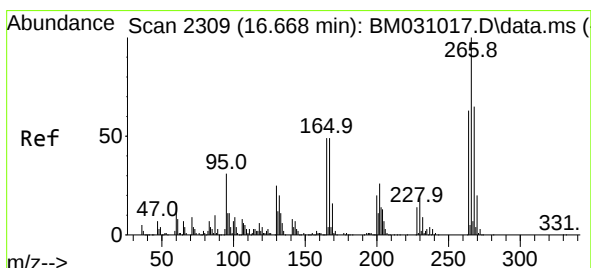
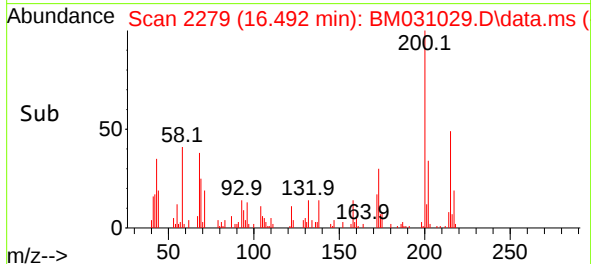
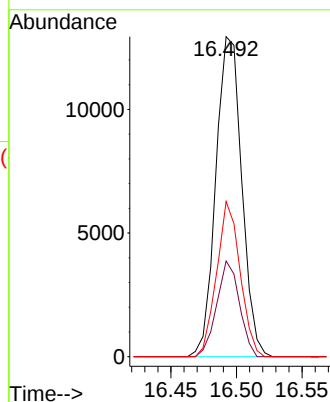
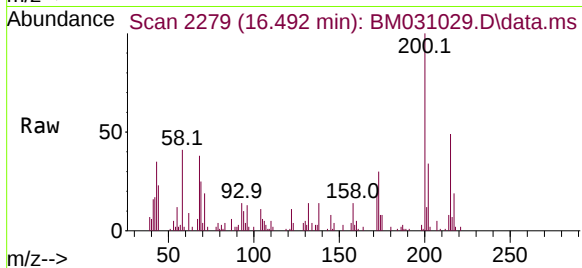
215 48.5 24.8 64.8

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#70

Pentachlorophenol

Concen: 3.78 ng

RT: 16.669 min Scan# 2309

Delta R.T. 0.000 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

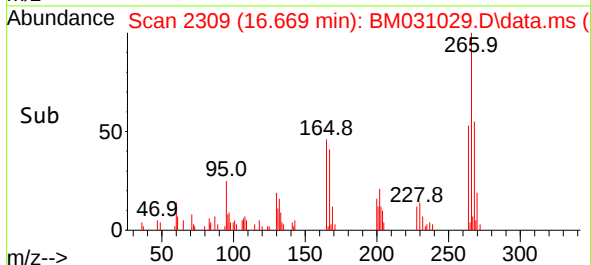
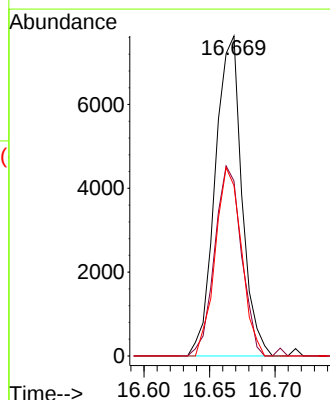
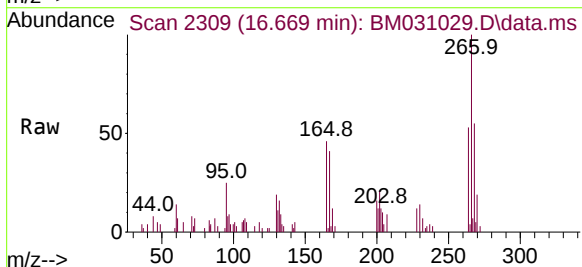
Tgt Ion:266 Resp: 10796

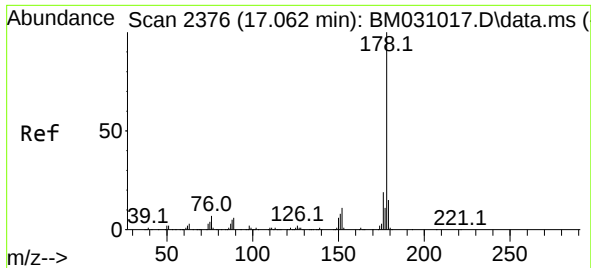
Ion Ratio Lower Upper

266 100

268 54.7 52.8 79.2

264 53.2 51.9 77.9

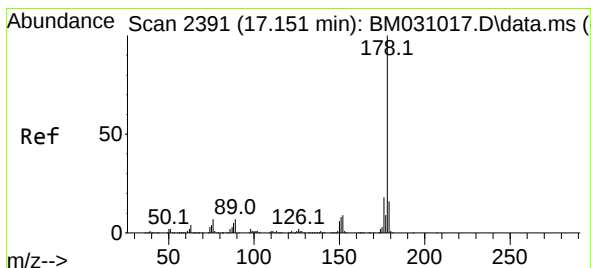
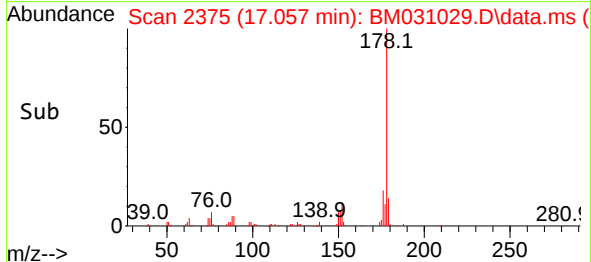
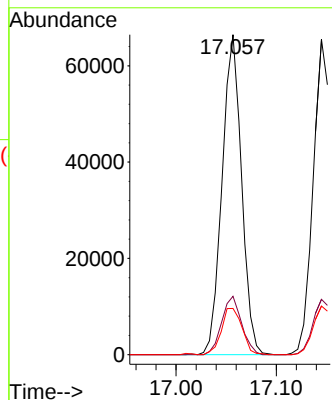
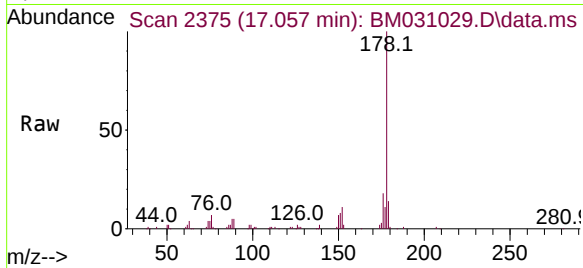




#71
Phenanthrene
Concen: 4.31 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

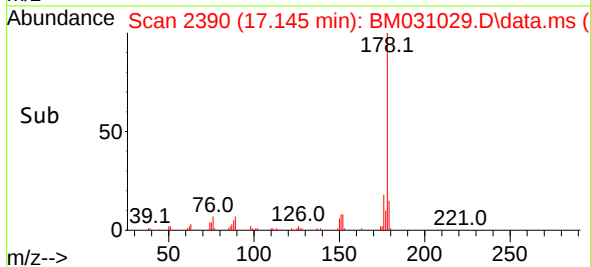
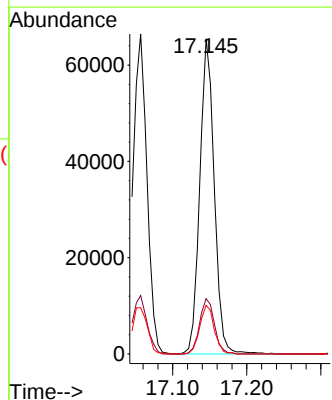
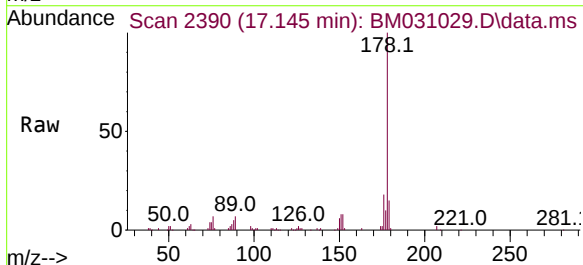
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

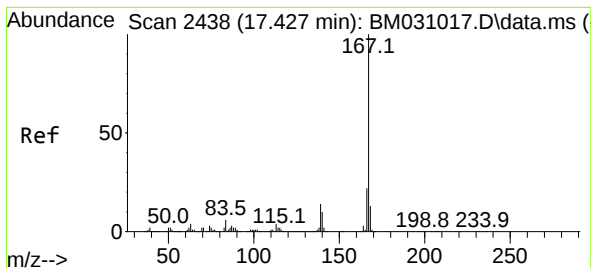
Tgt Ion:178 Resp: 89447
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.0
179 14.4 12.2 18.4



#72
Anthracene
Concen: 4.32 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:178 Resp: 88568
Ion Ratio Lower Upper
178 100
176 17.5 15.0 22.4
179 15.4 12.5 18.7





#73

Carbazole

Concen: 4.06 ng

RT: 17.421 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

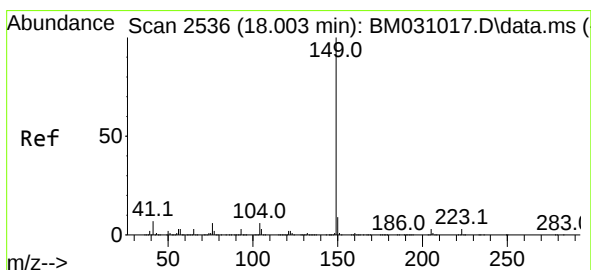
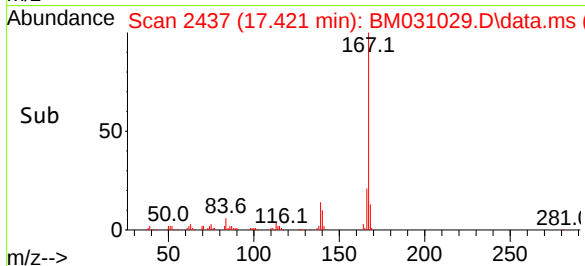
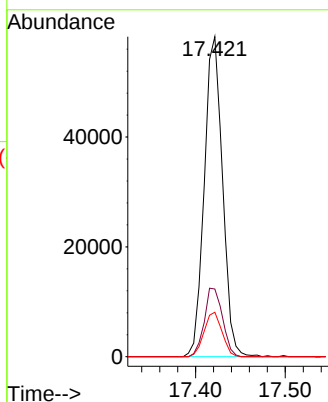
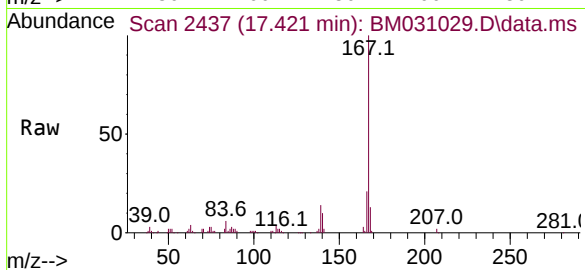
Tgt Ion:167	Resp:	82255
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.4 26.0
139	13.9	9.8 14.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#74

Di-n-butylphthalate

Concen: 3.85 ng

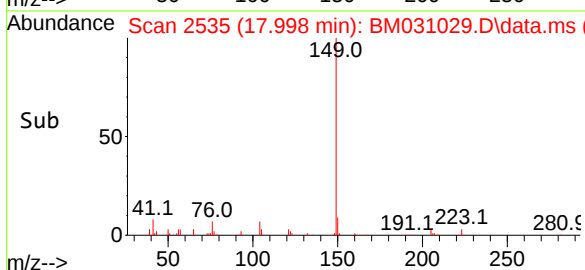
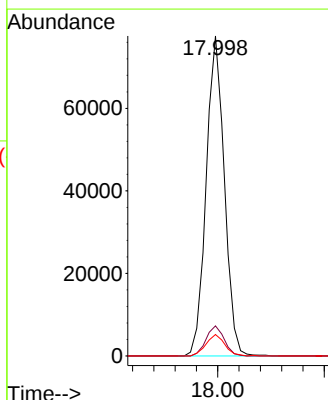
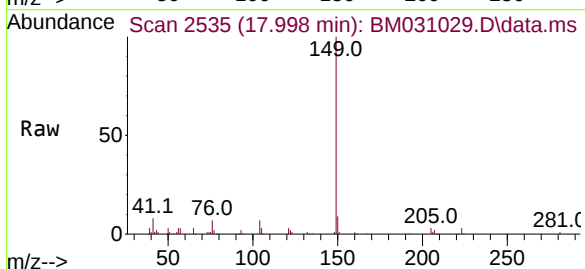
RT: 17.998 min Scan# 2535

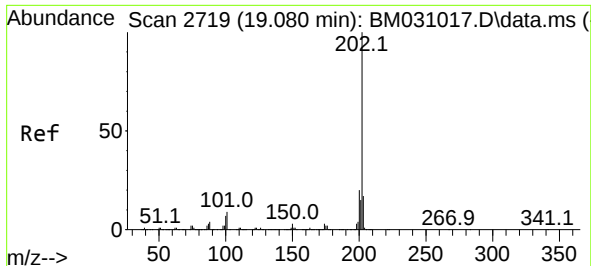
Delta R.T. -0.006 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:149	Resp:	91834
Ion Ratio	Lower	Upper
149	100	
150	9.4	7.2 10.8
104	6.7	4.3 6.5

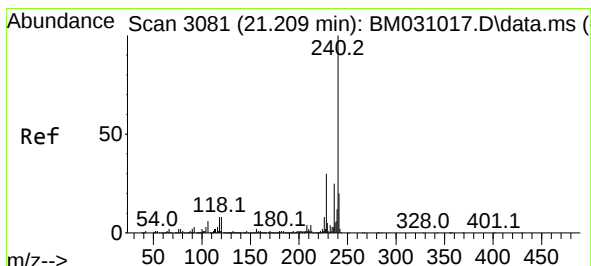
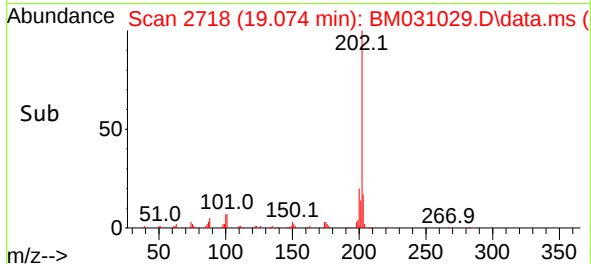
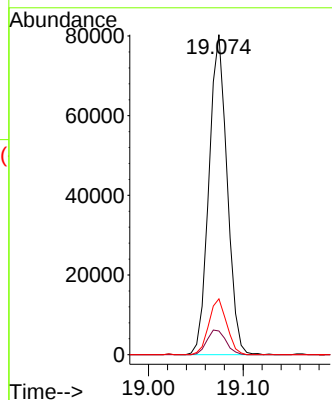
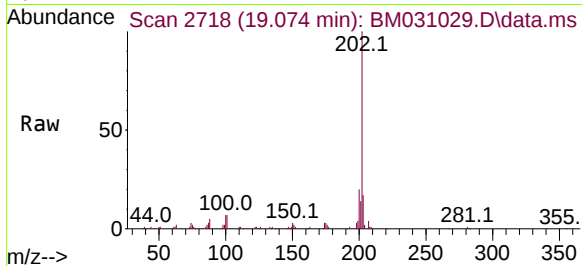




#75
Fluoranthene
Concen: 4.11 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

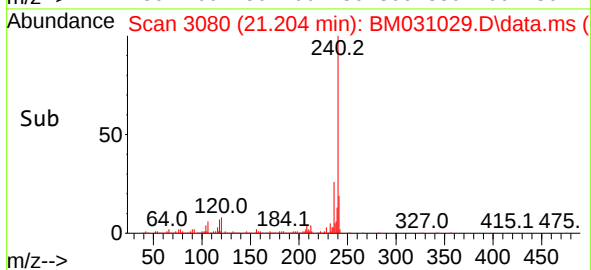
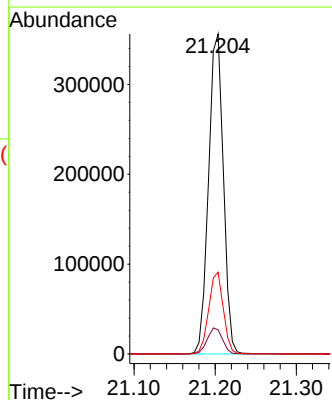
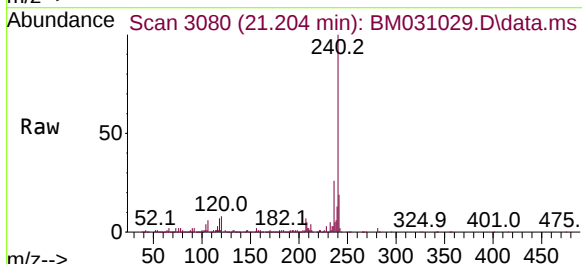
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

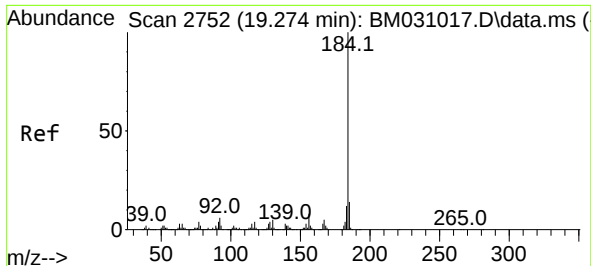
Tgt Ion:202 Resp: 106785
Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 17.4 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:240 Resp: 451221
Ion Ratio Lower Upper
240 100
120 7.6 7.0 10.6
236 25.5 21.0 31.4

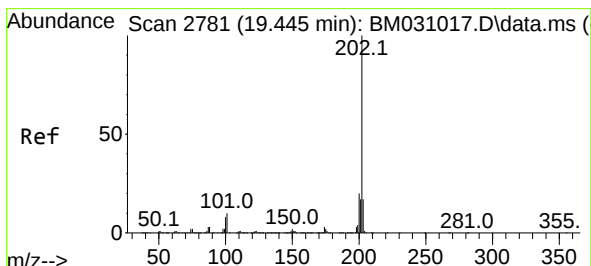
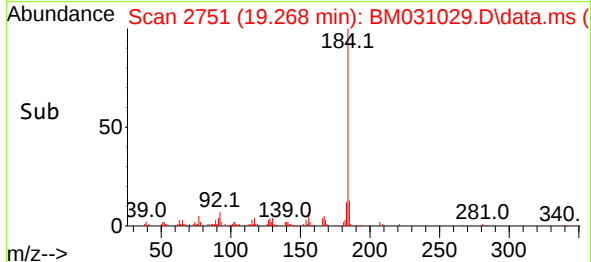
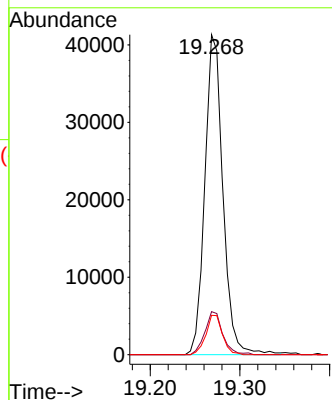
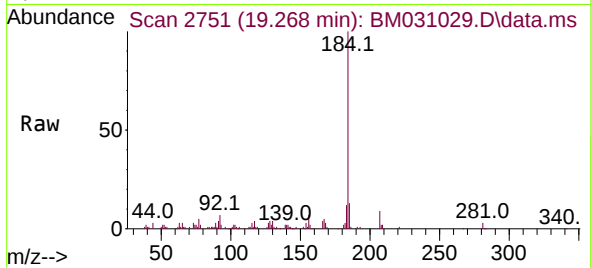




#77
Benzidine
Concen: 5.19 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

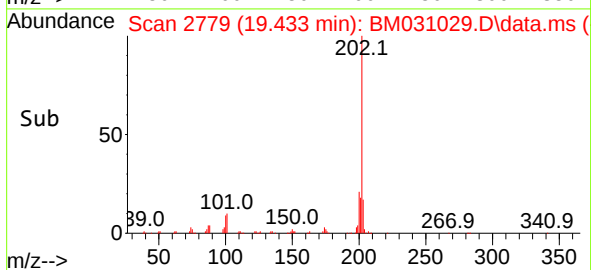
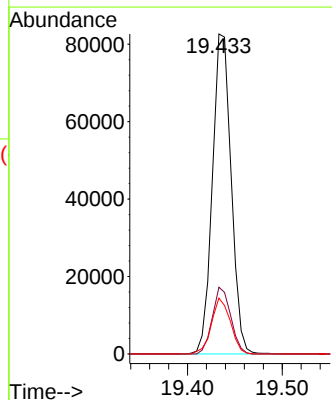
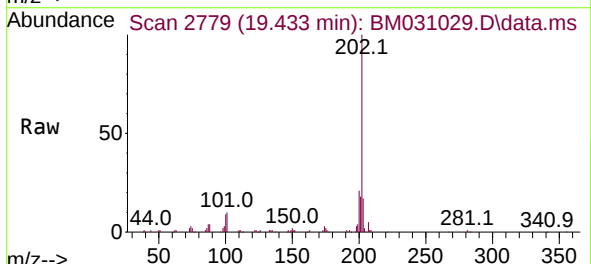
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

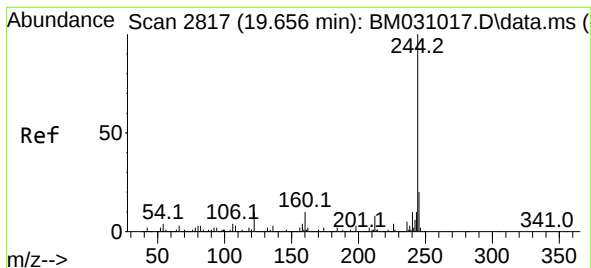
Tgt Ion:184 Resp: 57805
Ion Ratio Lower Upper
184 100
185 13.5 10.9 16.3
183 12.3 9.8 14.8



#78
Pyrene
Concen: 4.04 ng
RT: 19.433 min Scan# 2779
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:202 Resp: 113754
Ion Ratio Lower Upper
202 100
200 20.9 17.3 25.9
203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 76.47 ng

RT: 19.657 min Scan# 2817

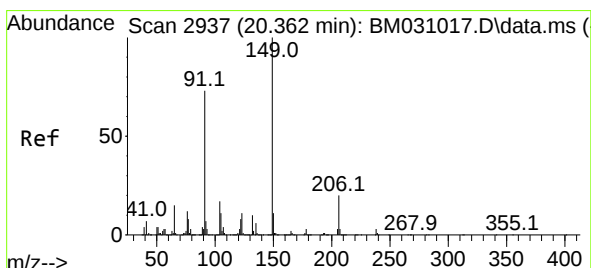
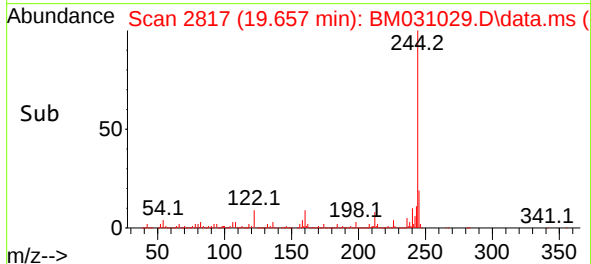
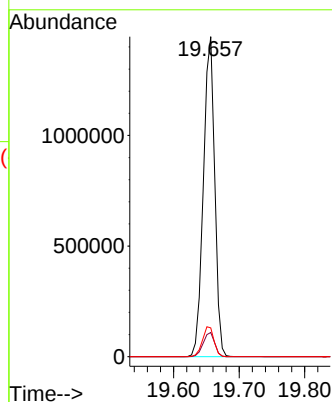
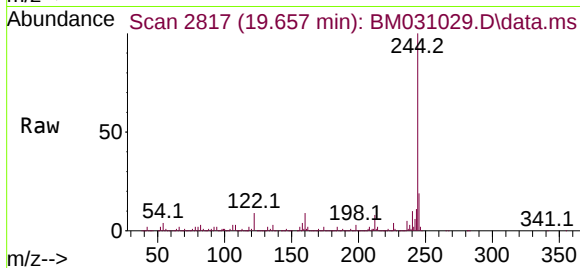
Delta R.T. 0.000 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:244 Resp: 1743917

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	9.0	6.9	10.3



#80

Butylbenzylphthalate

Concen: 3.61 ng

RT: 20.357 min Scan# 2936

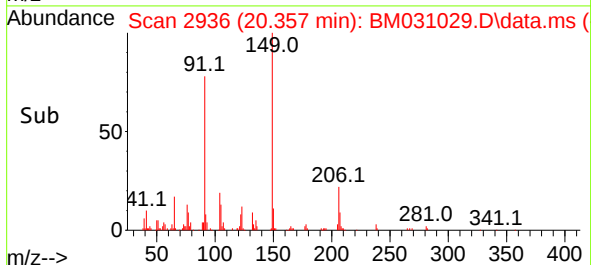
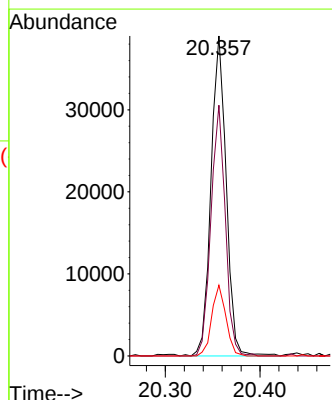
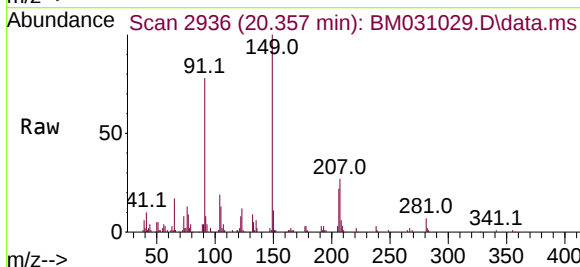
Delta R.T. -0.006 min

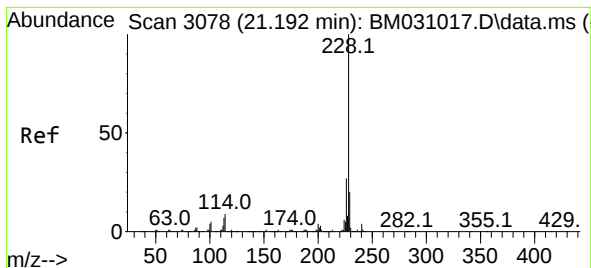
Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:149 Resp: 43471

Ion	Ratio	Lower	Upper
149	100		
91	78.3	57.4	86.0
206	22.1	16.6	25.0





#81

Benzo(a)anthracene

Concen: 4.21 ng

RT: 21.186 min Scan# 3077

Delta R.T. -0.006 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

Tgt Ion:228 Resp: 125836

Ion Ratio Lower Upper

228 100

226 26.5 22.3 33.5

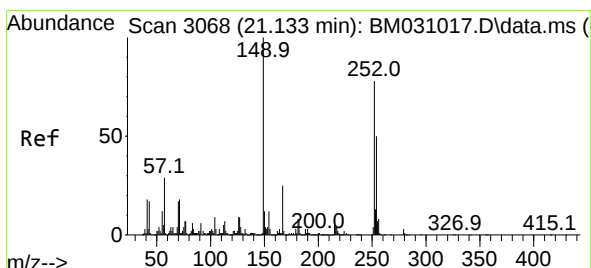
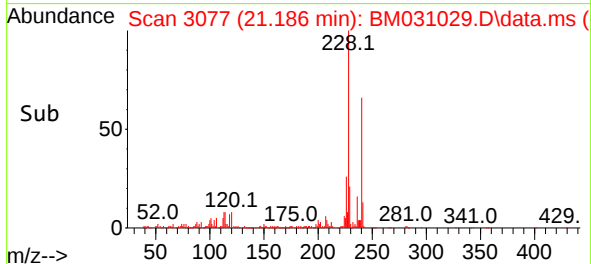
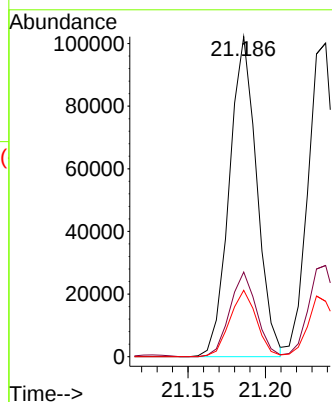
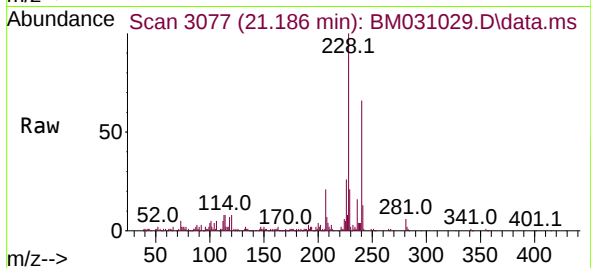
229 20.8 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT3-2021



#82

3,3'-Dichlorobenzidine

Concen: 5.48 ng

RT: 21.127 min Scan# 3067

Delta R.T. -0.006 min

Lab File: BM031029.D

Acq: 20 Jul 2021 19:00

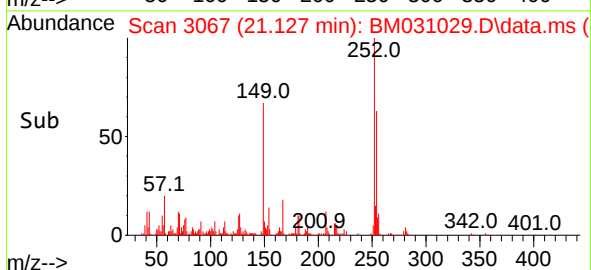
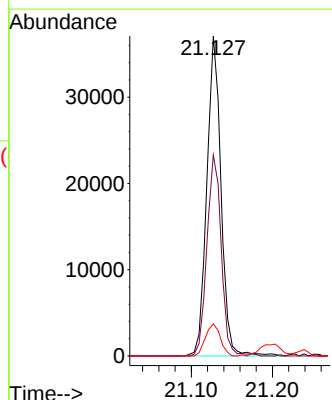
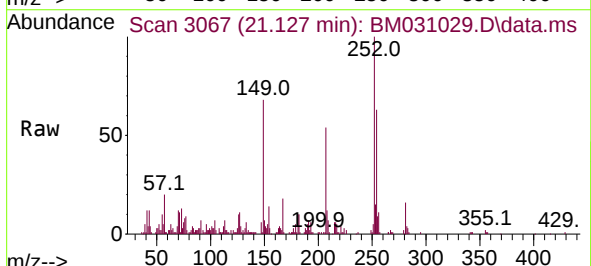
Tgt Ion:252 Resp: 44911

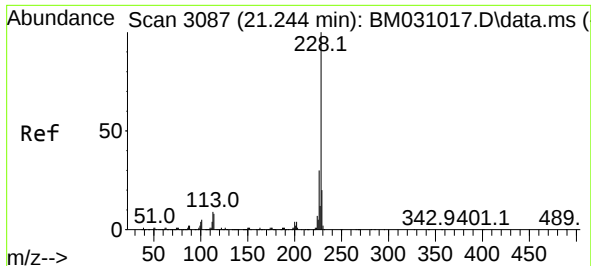
Ion Ratio Lower Upper

252 100

254 62.8 51.5 77.3

126 10.1 8.6 13.0

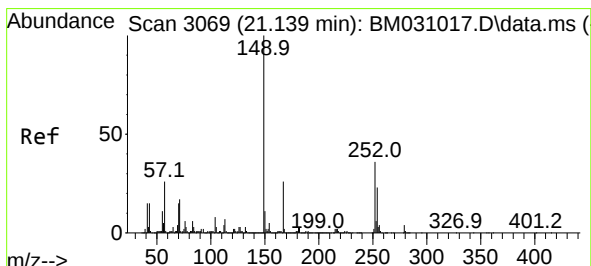
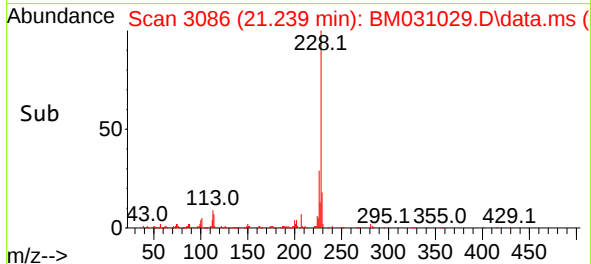
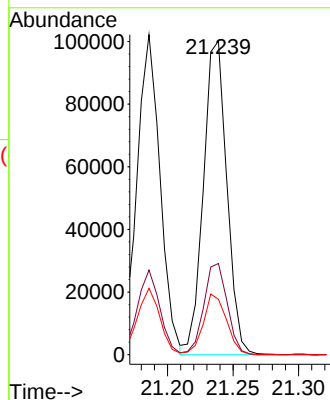
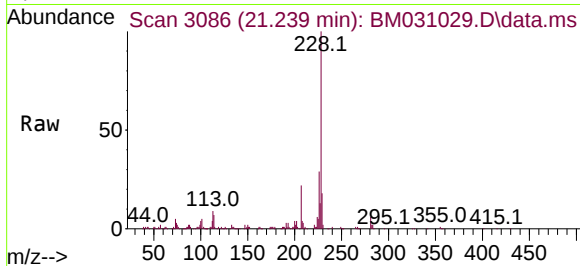




#83
Chrysene
Concen: 4.30 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

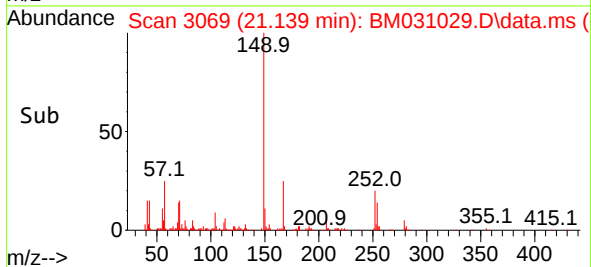
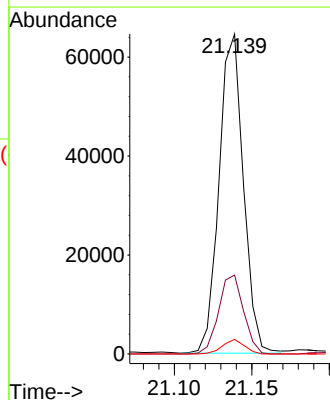
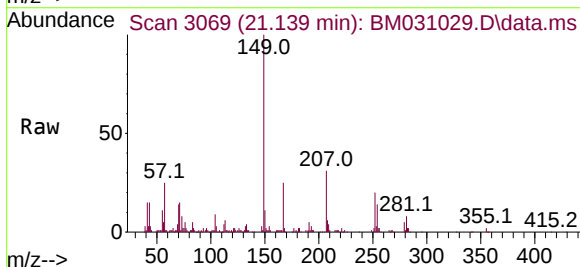
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

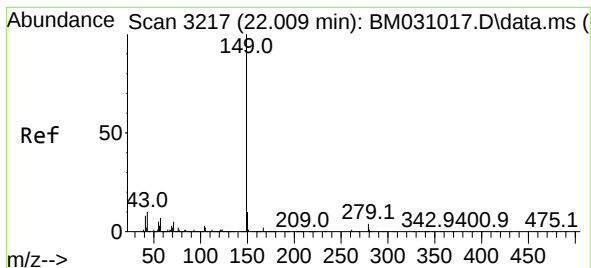
Tgt Ion:228 Resp: 124872
Ion Ratio Lower Upper
228 100
226 29.1 24.6 36.8
229 17.7 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 3.77 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:149 Resp: 70285
Ion Ratio Lower Upper
149 100
167 24.6 22.6 33.8
279 4.5 3.8 5.8

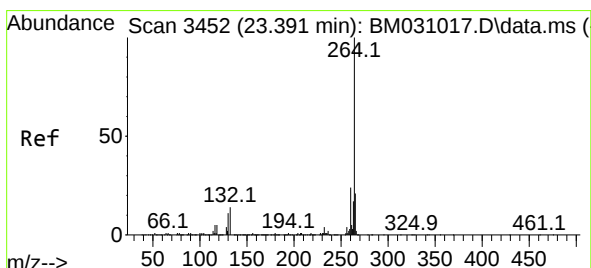
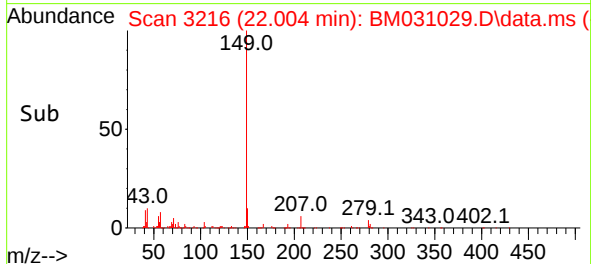
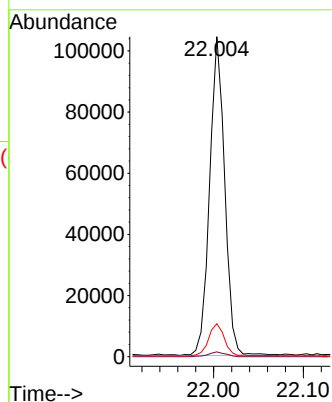
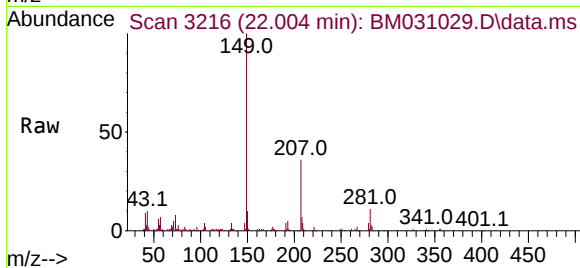




#85
Di-n-octyl phthalate
Concen: 3.81 ng
RT: 22.004 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

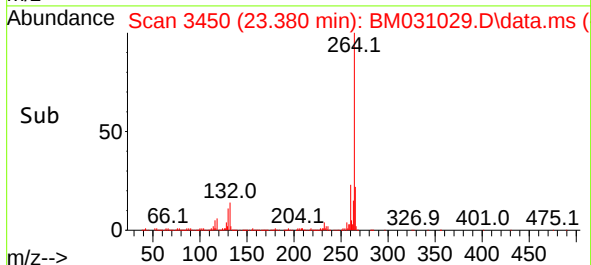
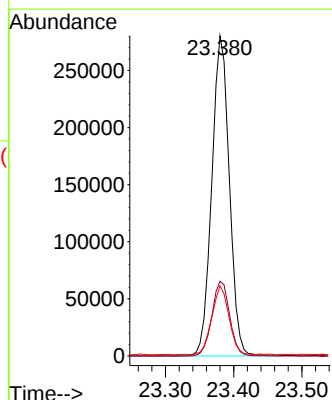
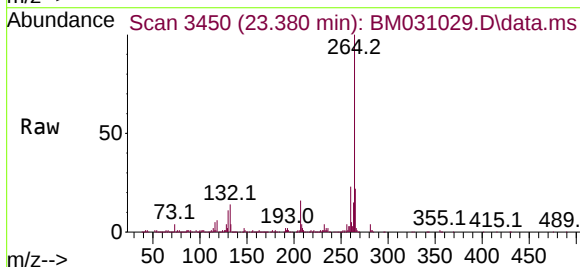
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

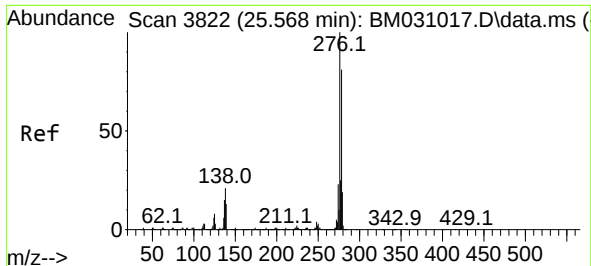
Tgt Ion:149 Resp: 121704
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 7.4 11.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:264 Resp: 502610
Ion Ratio Lower Upper
264 100
260 23.4 19.8 29.8
265 21.9 17.7 26.5

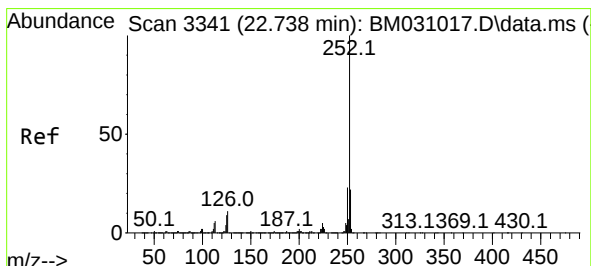
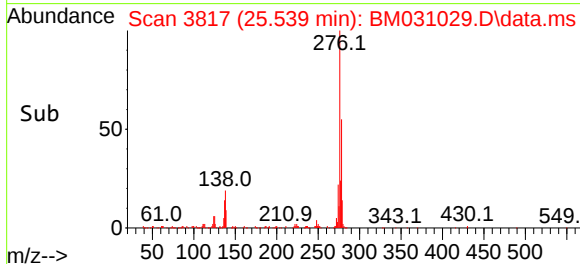
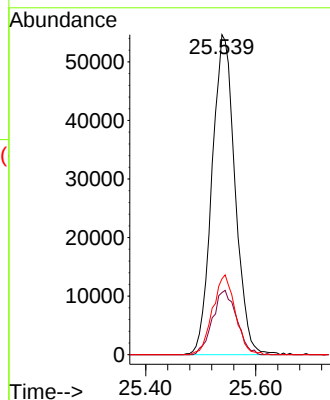
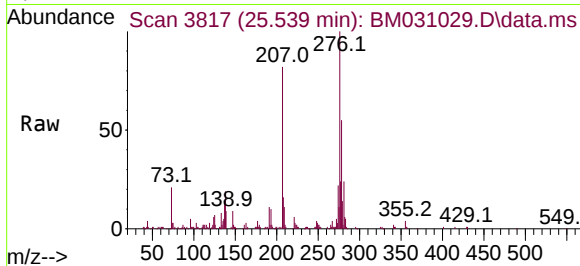




#87
Indeno(1,2,3-cd)pyrene
Concen: 4.42 ng
RT: 25.539 min Scan# 3817
Delta R.T. -0.029 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

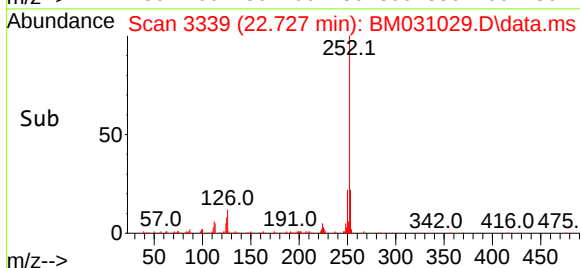
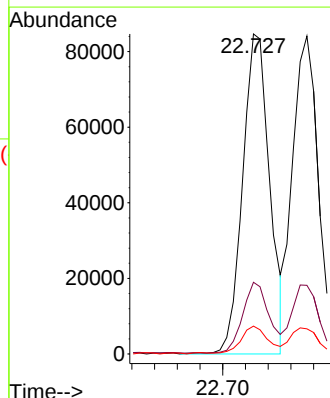
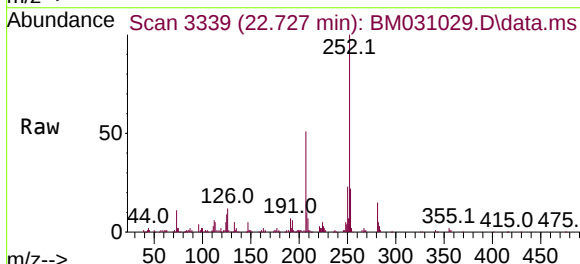
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

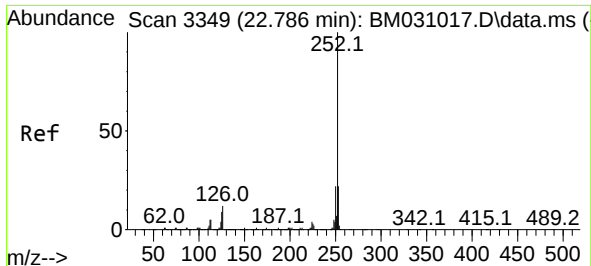
Tgt Ion:	276	Resp:	158906
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.1	25.7
277	24.5	20.3	30.5



#88
Benzo(b)fluoranthene
Concen: 4.20 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:	252	Resp:	139934
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.4	26.0
125	8.7	6.8	10.2

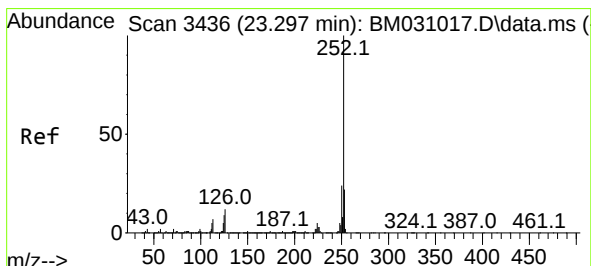
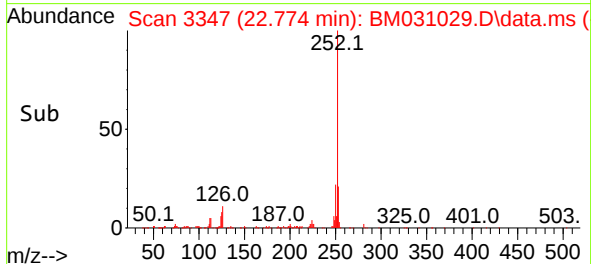
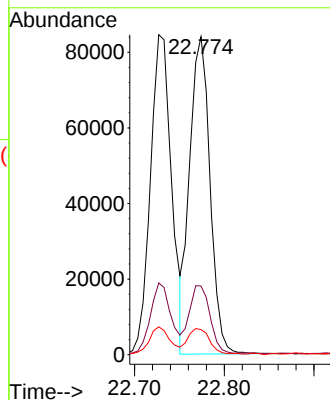
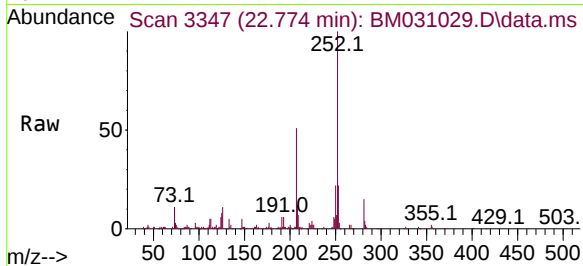




#89
Benzo(k)fluoranthene
Concen: 4.25 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.011 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

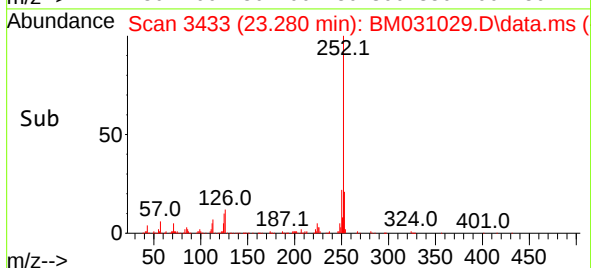
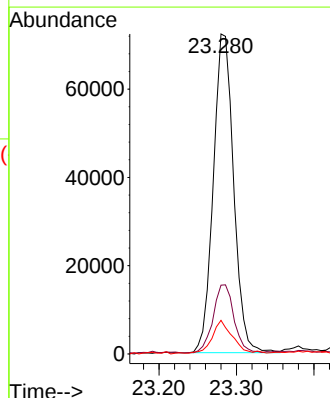
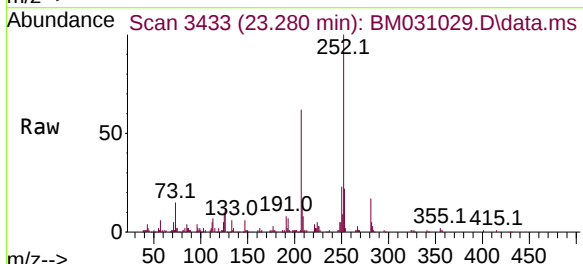
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT3-2021

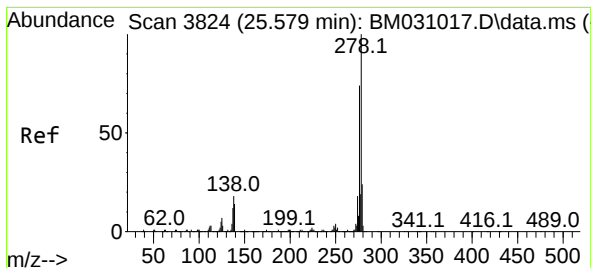
Tgt Ion:252 Resp: 132471
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 7.9 6.2 9.2



#90
Benzo(a)pyrene
Concen: 4.41 ng
RT: 23.280 min Scan# 3433
Delta R.T. -0.017 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:252 Resp: 132132
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 10.5 7.3 10.9

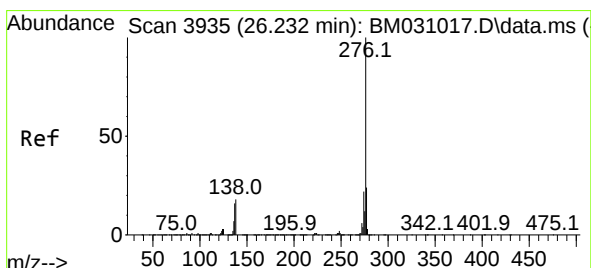
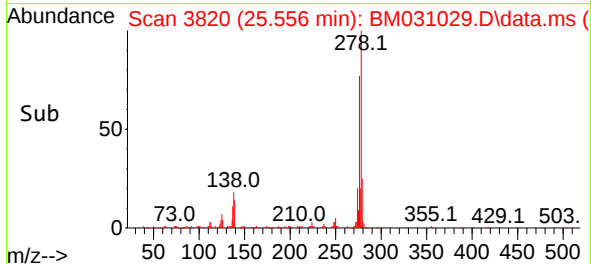
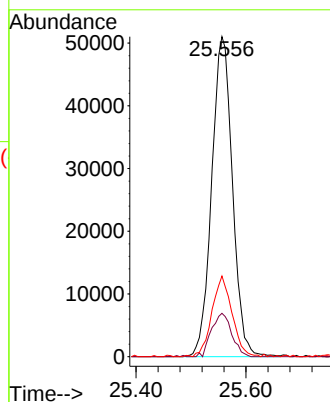
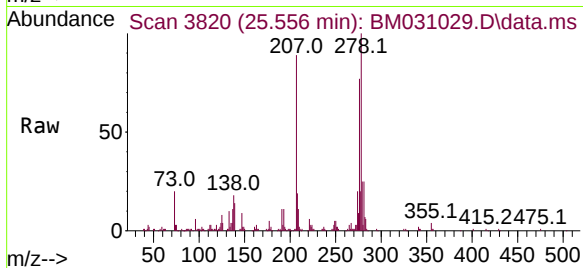




#91
Dibenzo(a,h)anthracene
Concen: 4.31 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

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

Tgt Ion:278 Resp: 133869
Ion Ratio Lower Upper
278 100
139 13.5 11.0 16.4
279 25.2 18.7 28.1



#92
Benzo(g,h,i)perylene
Concen: 4.47 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031029.D
Acq: 20 Jul 2021 19:00

Tgt Ion:276 Resp: 132441
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.2
138 16.5 14.4 21.6

