

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031881.D
 Acq On : 24 Aug 2021 12:33
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ--SOIL 10ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Quant Time: Aug 24 13:03:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 11:19:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	34920	20.000	ng	0.00
21) Naphthalene-d8	10.280	136	157870	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	108651	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	232607	20.000	ng	-0.01
76) Chrysene-d12	21.127	240	204075	20.000	ng	0.00
86) Perylene-d12	23.274	264	173412	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	257946	108.666	ng	0.00
7) Phenol-d6	6.722	99	347734	109.065	ng	0.00
23) Nitrobenzene-d5	8.675	82	300869	77.606	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	155400	129.799	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	682378	80.807	ng	0.00
79) Terphenyl-d14	19.568	244	1082904	79.832	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.175	88	8546	11.086	ng	# 89
3) Pyridine	3.563	79	18848	8.112	ng	# 84
4) n-Nitrosodimethylamine	3.481	42	13316	13.131	ng	# 52
6) Aniline	6.875	93	35864	10.569	ng	99
8) 2-Chlorophenol	7.092	128	23776	9.341	ng	97
9) Benzaldehyde	6.692	77	24349	11.554	ng	96
10) Phenol	6.745	94	28548	8.963	ng	93
11) bis(2-Chloroethyl)ether	6.975	93	22123	9.181	ng	97
12) 1,3-Dichlorobenzene	7.410	146	27098	9.839	ng	95
13) 1,4-Dichlorobenzene	7.557	146	26932	9.629	ng	98
14) 1,2-Dichlorobenzene	7.869	146	26145	9.598	ng	95
15) Benzyl Alcohol	7.775	79	26243	10.015	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.051	45	29968	8.322	ng	97
17) 2-Methylphenol	7.975	107	20432	9.528	ng	95
18) Hexachloroethane	8.575	117	11190	9.395	ng	94
19) n-Nitroso-di-n-propyla...	8.328	70	20672	8.613	ng	# 97
20) 3+4-Methylphenols	8.298	107	27396	9.161	ng	99
22) Acetophenone	8.345	105	41311	8.974	ng	# 96
24) Nitrobenzene	8.716	77	35390	8.912	ng	97
25) Isophorone	9.239	82	57109	8.210	ng	98
26) 2-Nitrophenol	9.416	139	12985	8.664	ng	94
27) 2,4-Dimethylphenol	9.486	122	23117	10.020	ng	99
28) bis(2-Chloroethoxy)met...	9.722	93	31877	9.428	ng	99
29) 2,4-Dichlorophenol	9.945	162	23200	8.874	ng	98
30) 1,2,4-Trichlorobenzene	10.151	180	26277	9.466	ng	95
31) Naphthalene	10.333	128	81254	8.976	ng	100
32) Benzoic acid	9.598	122	12735	6.512	ng	89
33) 4-Chloroaniline	10.463	127	33636	9.358	ng	96
34) Hexachlorobutadiene	10.610	225	16657	9.601	ng	95
35) Caprolactam	11.251	113	7495	9.059	ng	91
36) 4-Chloro-3-methylphenol	11.592	107	27947	9.003	ng	96
37) 2-Methylnaphthalene	11.951	142	59375	9.098	ng	98
38) 1-Methylnaphthalene	12.174	142	56196	9.147	ng	98
40) 1,2,4,5-Tetrachloroben...	12.327	216	29754	9.529	ng	97
41) Hexachlorocyclopentadiene	12.298	237	14743	9.736	ng	100
43) 2,4,6-Trichlorophenol	12.586	196	20655	8.960	ng	99

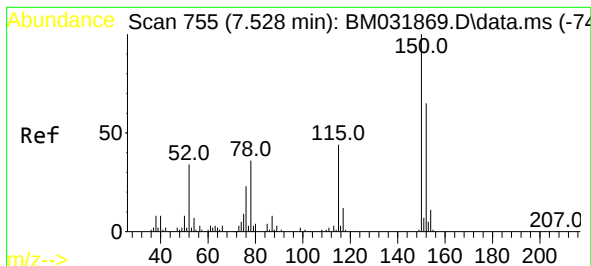
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
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 QLast Update : Tue Aug 24 11:19:41 2021
 Response via : Initial Calibration

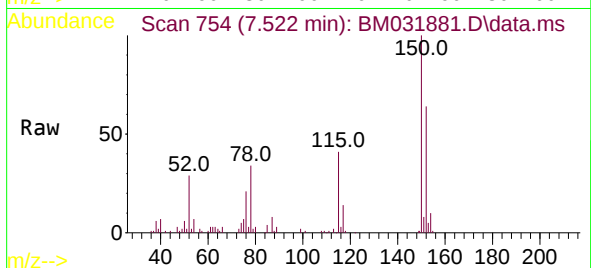
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.657	196	21843	8.883	ng	97
46) 1,1'-Biphenyl	12.986	154	81394	9.287	ng	98
47) 2-Chloronaphthalene	13.027	162	60088	8.829	ng	98
48) 2-Nitroaniline	13.251	65	18932	7.994	ng	92
49) Acenaphthylene	13.880	152	100250	9.080	ng	98
50) Dimethylphthalate	13.633	163	81320	9.214	ng	99
51) 2,6-Dinitrotoluene	13.763	165	16985	8.821	ng	85
52) Acenaphthene	14.227	154	58097	8.747	ng	98
53) 3-Nitroaniline	14.092	138	16356	8.677	ng	99
54) 2,4-Dinitrophenol	14.316	184	6996	6.506	ng #	83
55) Dibenzofuran	14.568	168	97652	8.881	ng	97
56) 4-Nitrophenol	14.421	139	13039	8.399	ng	89
57) 2,4-Dinitrotoluene	14.557	165	22515	8.400	ng	97
58) Fluorene	15.221	166	79013	8.771	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.804	232	18804	8.932	ng	97
60) Diethylphthalate	15.010	149	88331	9.191	ng	99
61) 4-Chlorophenyl-phenyle...	15.221	204	38409	8.897	ng	99
62) 4-Nitroaniline	15.262	138	15925	8.881	ng	99
63) Azobenzene	15.515	77	92926	8.387	ng	98
65) 4,6-Dinitro-2-methylph...	15.327	198	11032	6.809	ng	92
66) n-Nitrosodiphenylamine	15.445	169	68936	8.777	ng	98
67) 4-Bromophenyl-phenylether	16.115	248	23018	9.111	ng	97
68) Hexachlorobenzene	16.221	284	24729	9.249	ng	95
69) Atrazine	16.409	200	25611	9.755	ng	97
70) Pentachlorophenol	16.574	266	14481	8.281	ng	96
71) Phenanthrene	16.962	178	125291	8.943	ng	99
72) Anthracene	17.051	178	125268	9.089	ng	99
73) Carbazole	17.333	167	113514	8.563	ng	100
74) Di-n-butylphthalate	17.904	149	148973	8.436	ng	99
75) Fluoranthene	18.986	202	141742	9.102	ng	99
77) Benzidine	19.192	184	78314	15.007	ng	97
78) Pyrene	19.350	202	143346	8.766	ng	98
80) Butylbenzylphthalate	20.274	149	65448	8.119	ng	100
81) Benzo(a)anthracene	21.109	228	132836	8.879	ng	99
82) 3,3'-Dichlorobenzidine	21.056	252	48629	10.980	ng	97
83) Chrysene	21.162	228	128796	8.945	ng	98
84) Bis(2-ethylhexyl)phtha...	21.056	149	97963	7.809	ng	100
85) Di-n-octyl phthalate	21.915	149	157114	7.828	ng	98
87) Indeno(1,2,3-cd)pyrene	25.391	276	106930	7.943	ng	98
88) Benzo(b)fluoranthene	22.633	252	118137	9.249	ng	99
89) Benzo(k)fluoranthene	22.680	252	112856	9.181	ng	99
90) Benzo(a)pyrene	23.180	252	108315	9.446	ng	99
91) Dibenzo(a,h)anthracene	25.397	278	89657	7.628	ng	98
92) Benzo(g,h,i)perylene	26.032	276	85894	7.852	ng #	95

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

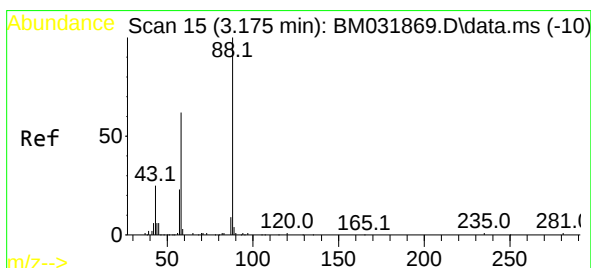
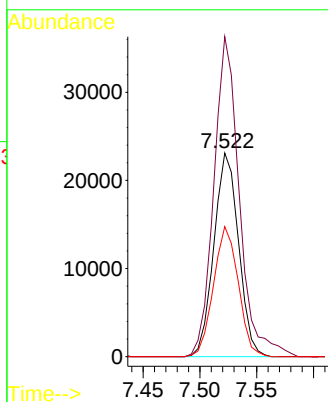
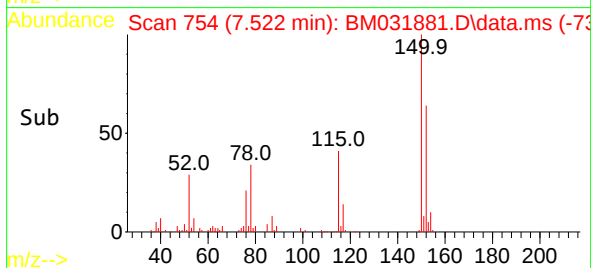


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

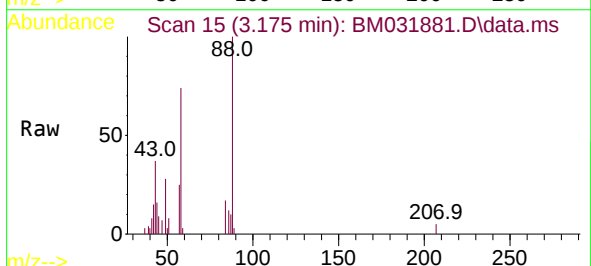
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021



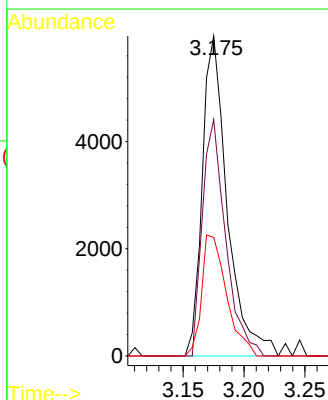
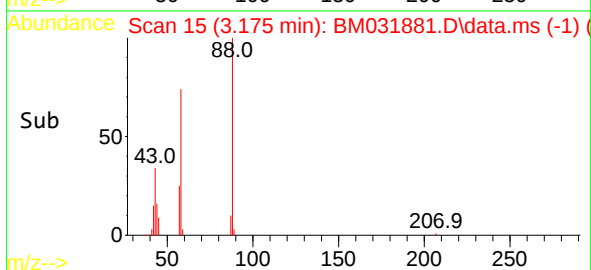
Tgt Ion:152 Resp: 34920
Ion Ratio Lower Upper
152 100
150 157.1 122.4 183.6
115 63.9 53.8 80.8

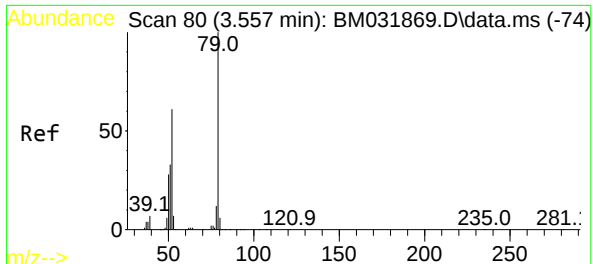


#2
1,4-Dioxane
Concen: 11.086 ng
RT: 3.175 min Scan# 15
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33



Tgt Ion: 88 Resp: 8546
Ion Ratio Lower Upper
88 100
58 68.9 50.4 75.6
43 37.5 22.2 33.2#

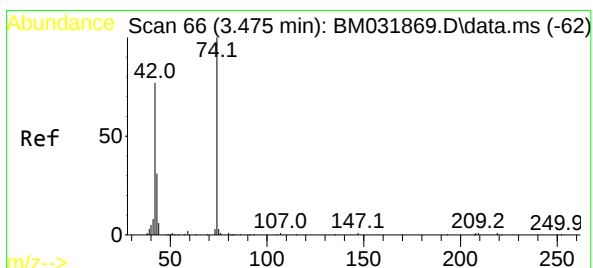
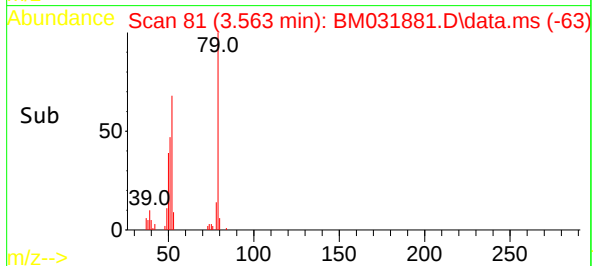
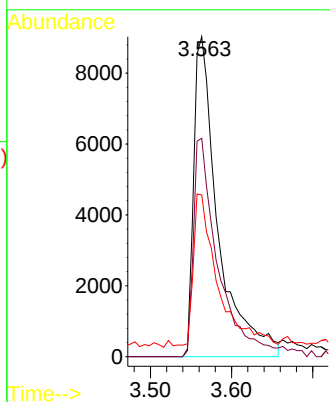
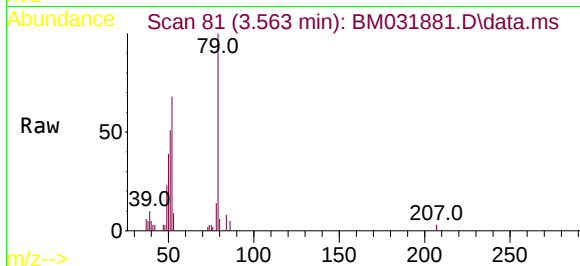




#3
Pyridine
Concen: 8.112 ng
RT: 3.563 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

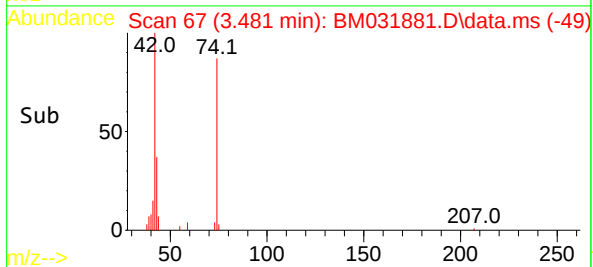
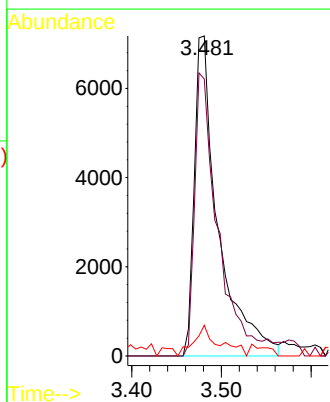
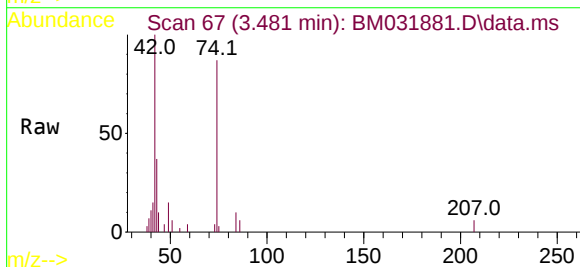
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

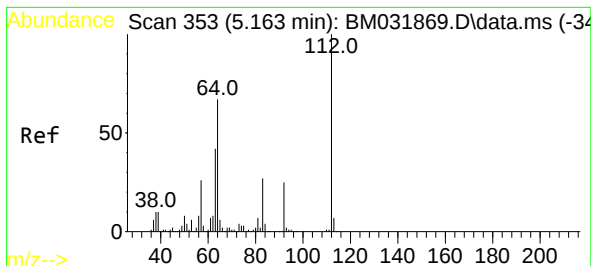
Tgt Ion: 79 Resp: 18848
Ion Ratio Lower Upper
79 100
52 68.2 48.6 73.0
51 50.5 27.4 41.2#



#4
n-Nitrosodimethylamine
Concen: 13.131 ng
RT: 3.481 min Scan# 67
Delta R.T. 0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 42 Resp: 13316
Ion Ratio Lower Upper
42 100
74 86.6 99.5 149.3#
44 9.6 57.3 85.9#

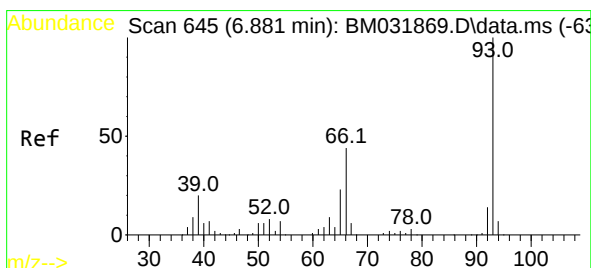
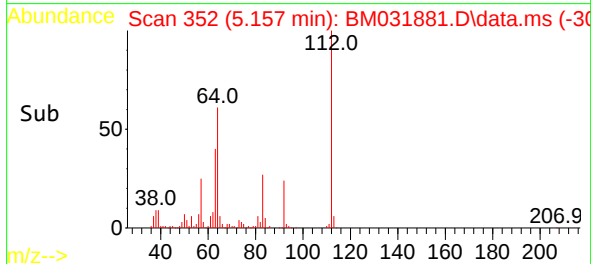
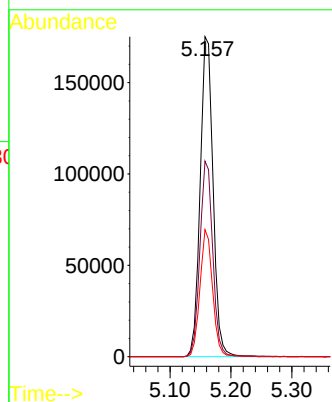
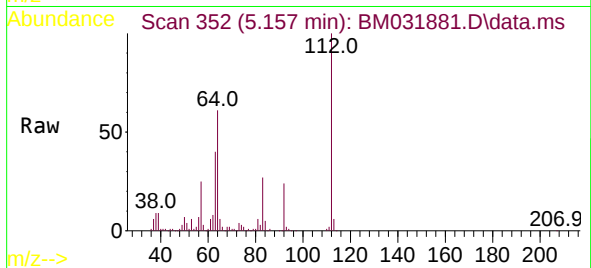




#5
2-Fluorophenol
Concen: 108.666 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

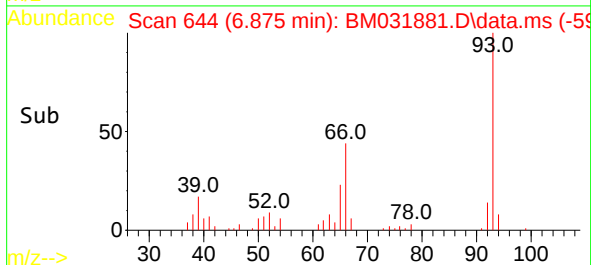
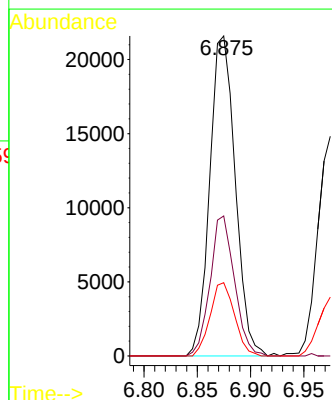
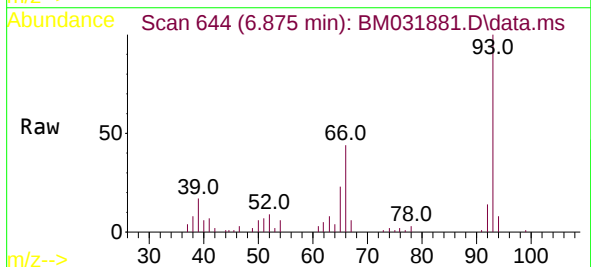
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ClientSampleId :
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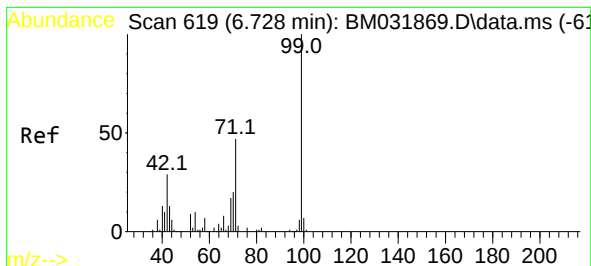
Tgt Ion:112 Resp: 257946
Ion Ratio Lower Upper
112 100
64 61.1 53.7 80.5
63 39.7 33.9 50.9



#6
Aniline
Concen: 10.569 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 93 Resp: 35864
Ion Ratio Lower Upper
93 100
66 43.8 35.3 52.9
65 22.9 18.7 28.1

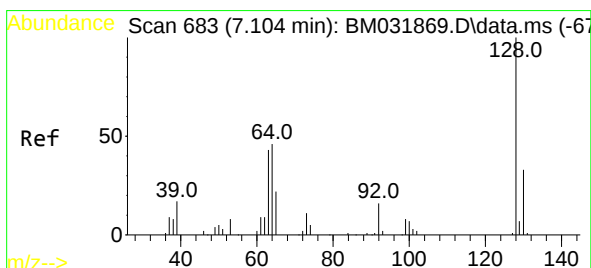
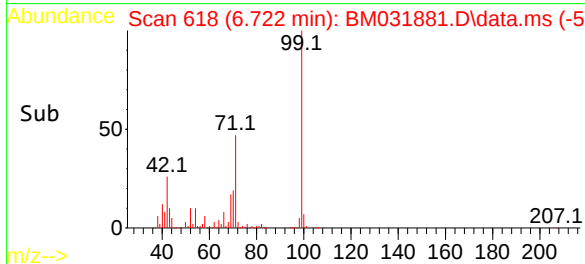
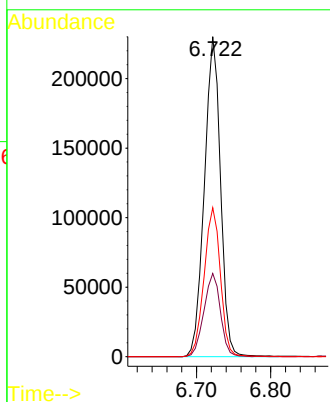
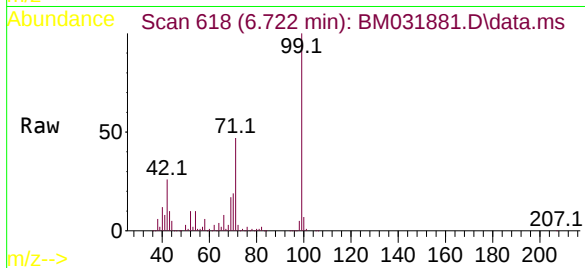




#7
Phenol-d6
Concen: 109.065 ng
RT: 6.722 min Scan# 618
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

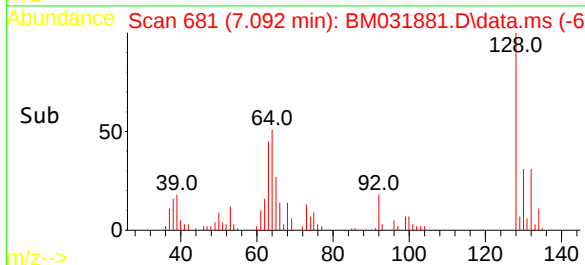
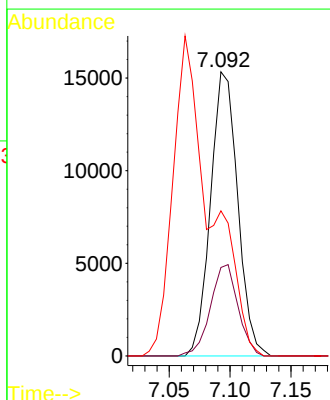
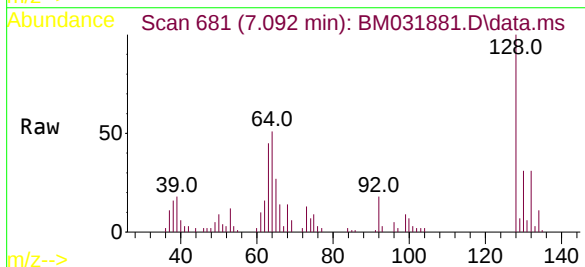
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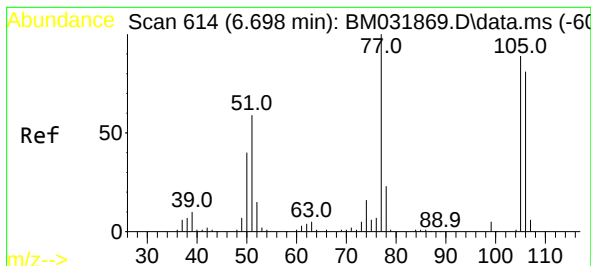
Tgt Ion:	99	Resp:	347734
Ion	Ratio	Lower	Upper
99	100		
42	26.0	23.0	34.6
71	46.5	37.8	56.8



#8
2-Chlorophenol
Concen: 9.341 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:	128	Resp:	23776
Ion	Ratio	Lower	Upper
128	100		
130	31.1	13.0	53.0
64	51.1	33.4	73.4

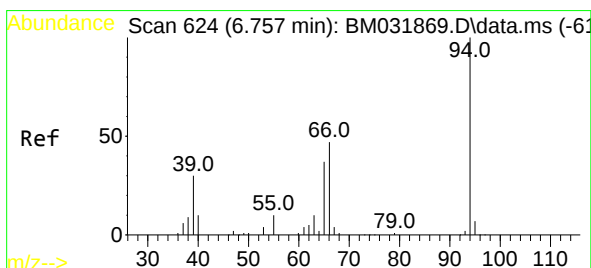
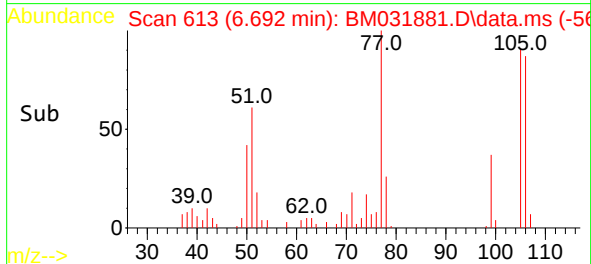
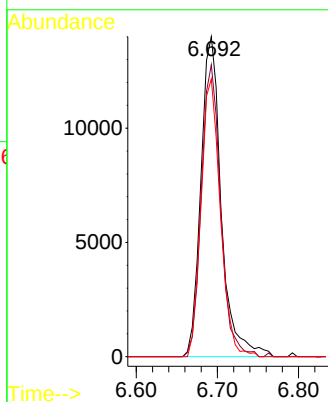
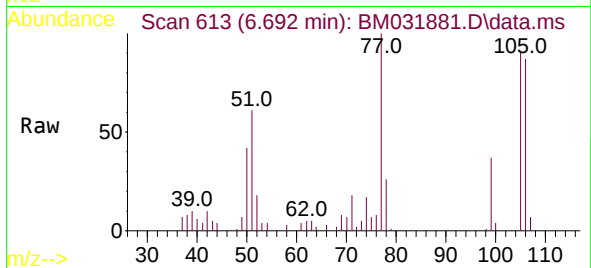




#9
Benzaldehyde
Concen: 11.554 ng
RT: 6.692 min Scan# 613
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

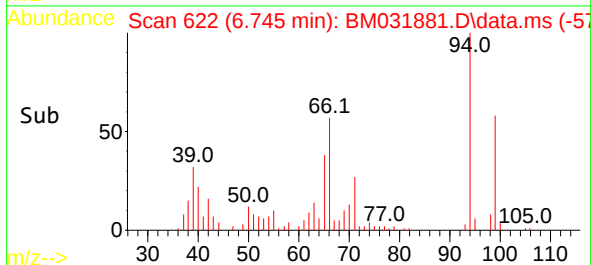
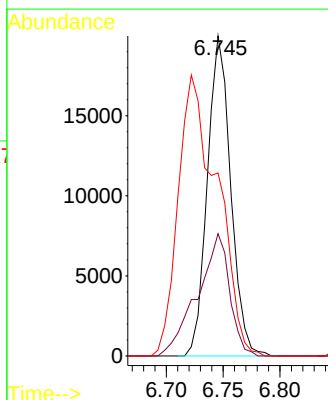
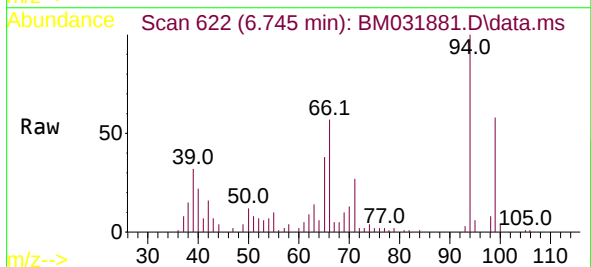
Instrument :
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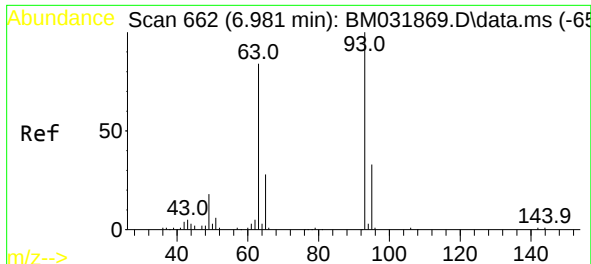
Tgt Ion: 77 Resp: 24349
Ion Ratio Lower Upper
77 100
105 91.2 68.9 108.9
106 86.8 61.2 101.2



#10
Phenol
Concen: 8.963 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

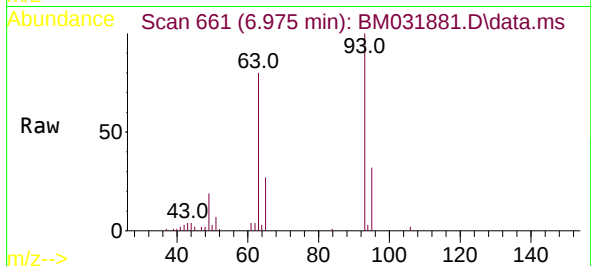
Tgt Ion: 94 Resp: 28548
Ion Ratio Lower Upper
94 100
65 38.2 16.9 56.9
66 57.2 30.0 70.0



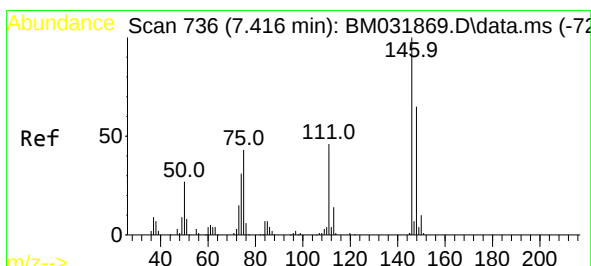
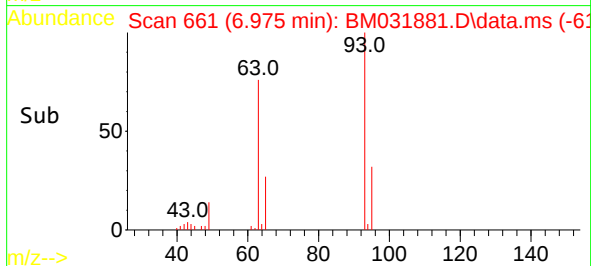
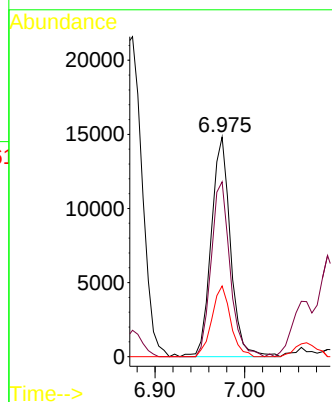


#11
bis(2-Chloroethyl)ether
Concen: 9.181 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

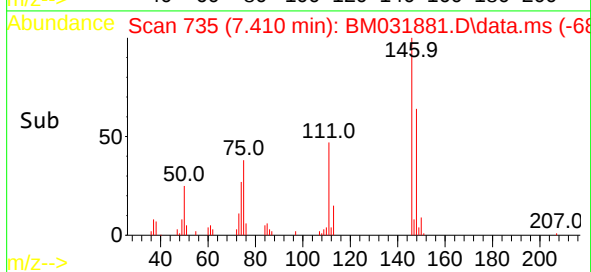
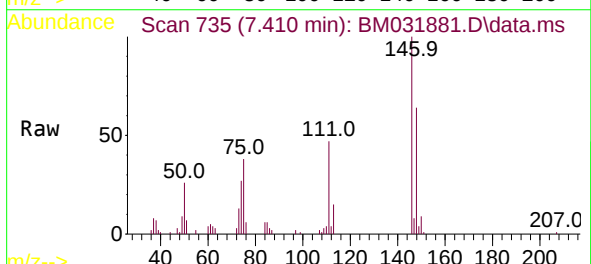
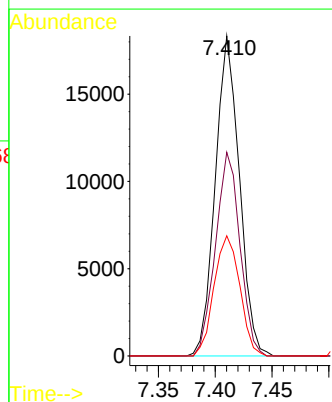


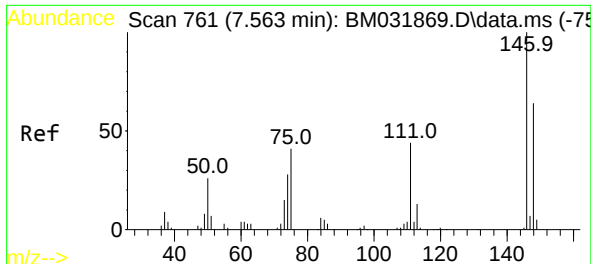
Tgt Ion: 93 Resp: 22123
Ion Ratio Lower Upper
93 100
63 79.6 63.7 103.7
95 32.2 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 9.839 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 146 Resp: 27098
Ion Ratio Lower Upper
146 100
148 63.7 52.3 78.5
75 37.6 34.2 51.2

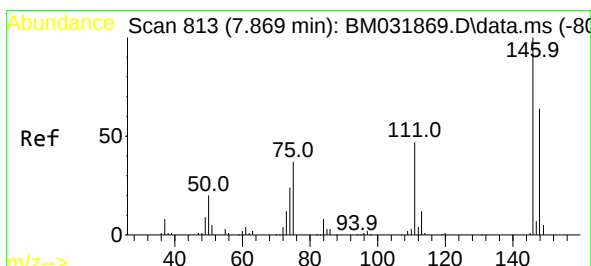
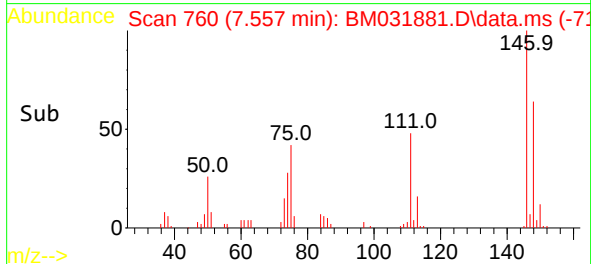
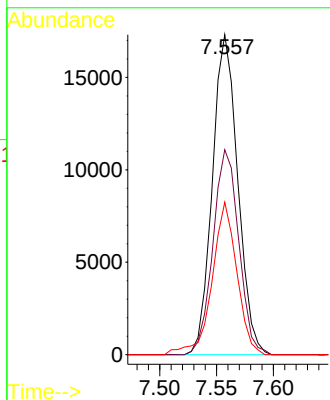
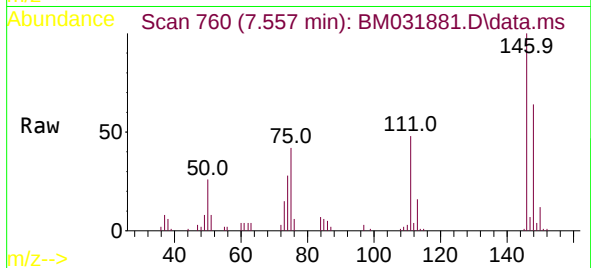




#13
1,4-Dichlorobenzene
Concen: 9.629 ng
RT: 7.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

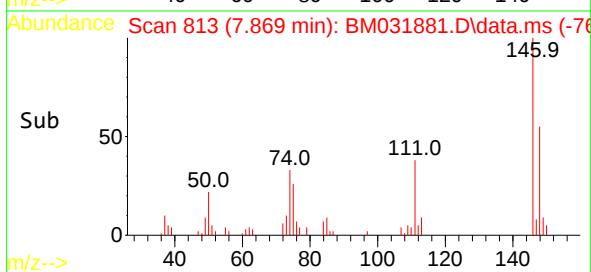
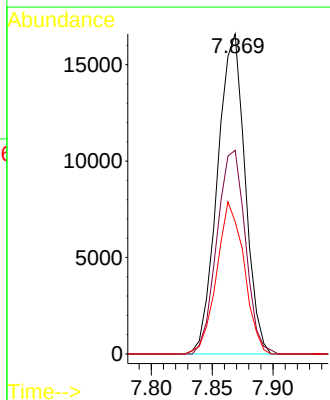
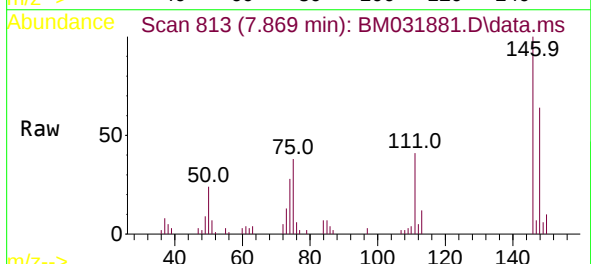
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

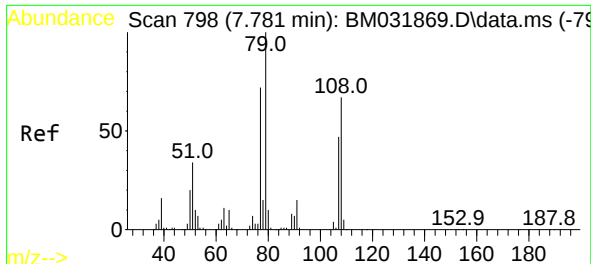
Tgt Ion:146 Resp: 26932
Ion Ratio Lower Upper
146 100
148 64.0 51.1 76.7
111 47.6 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 9.598 ng
RT: 7.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:146 Resp: 26145
Ion Ratio Lower Upper
146 100
148 63.7 51.7 77.5
111 41.4 38.2 57.2

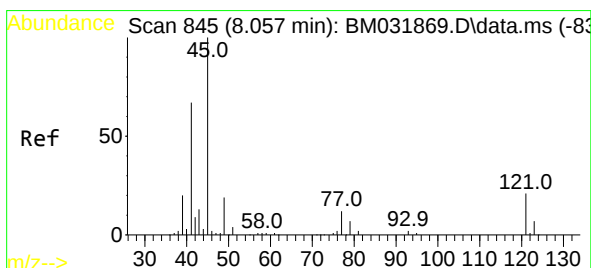
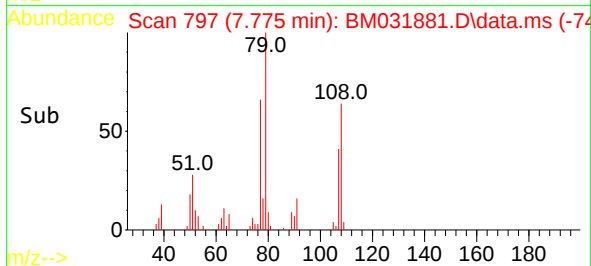
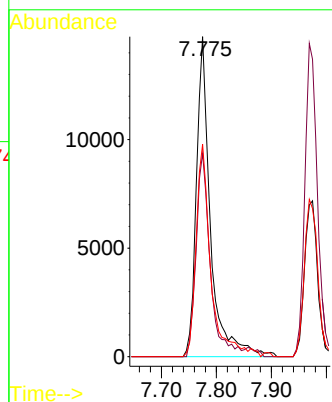
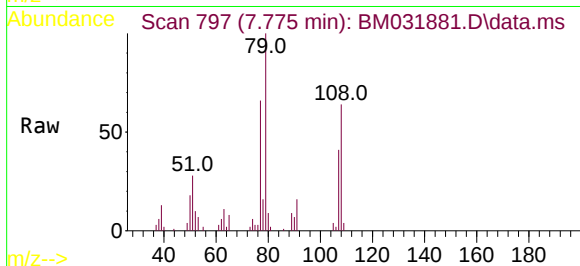




#15
Benzyl Alcohol
Concen: 10.015 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

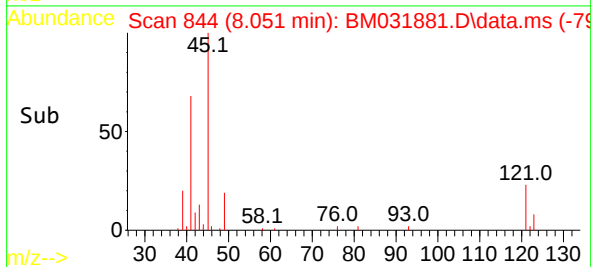
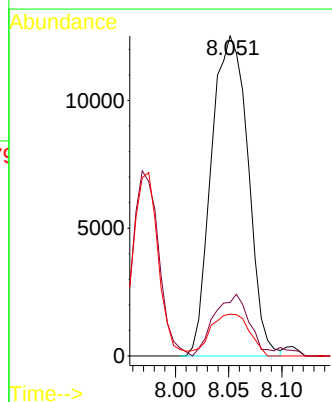
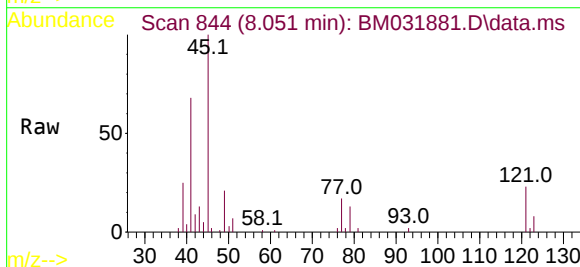
Instrument :
BNA_M
ClientSampleId :
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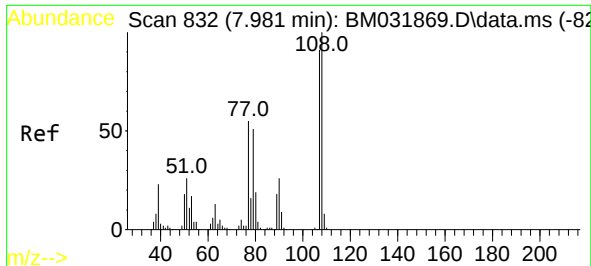
Tgt Ion:	79	Resp:	26243
Ion	Ratio	Lower	Upper
79	100		
108	63.5	53.6	80.4
77	66.4	57.7	86.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.322 ng
RT: 8.051 min Scan# 844
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:	45	Resp:	29968
Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.1
79	13.0	0.0	30.5

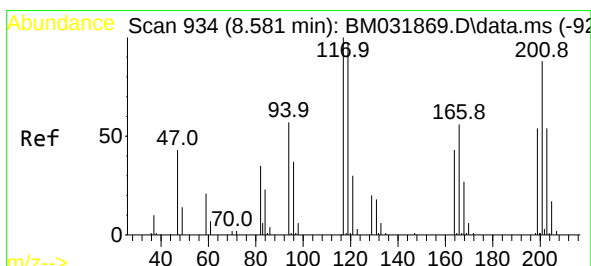
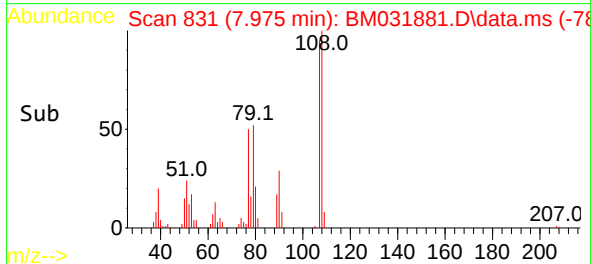
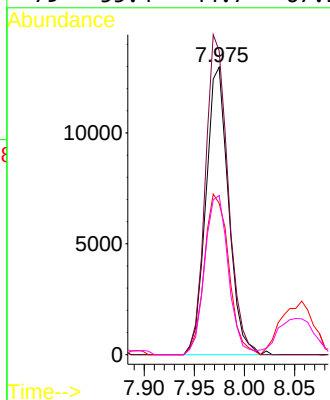
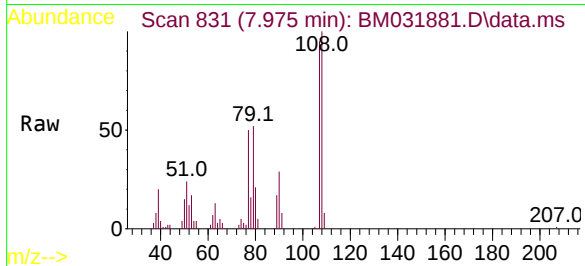




#17
2-Methylphenol
Concen: 9.528 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

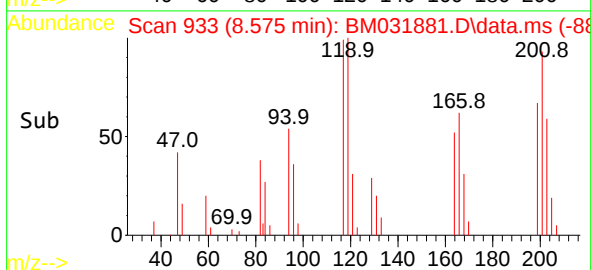
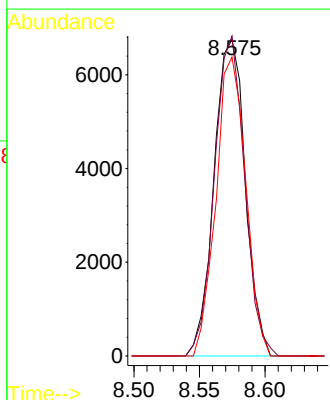
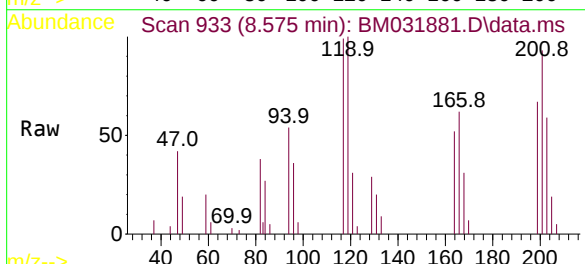
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

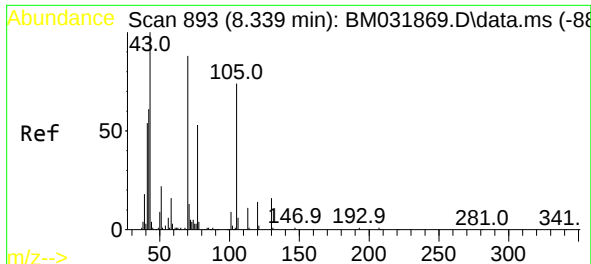
Tgt Ion:	107	Resp:	20432
Ion	Ratio	Lower	Upper
107	100		
108	105.7	87.9	131.9
77	52.6	48.2	72.2
79	55.4	44.7	67.1



#18
Hexachloroethane
Concen: 9.395 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:	117	Resp:	11190
Ion	Ratio	Lower	Upper
117	100		
119	101.1	77.7	116.5
201	94.4	70.2	105.2



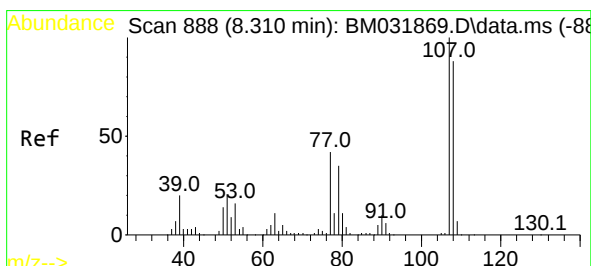
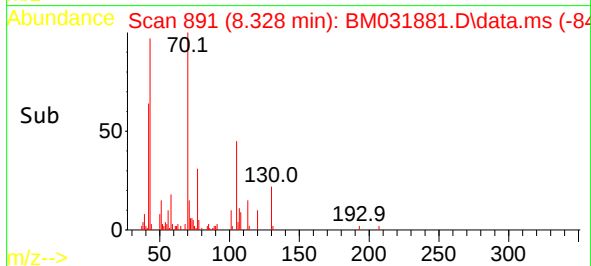
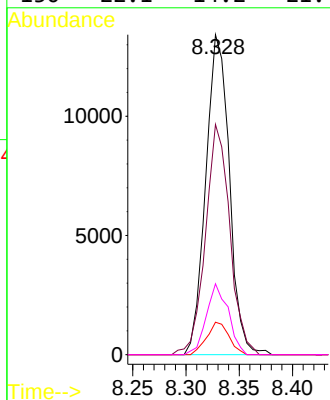
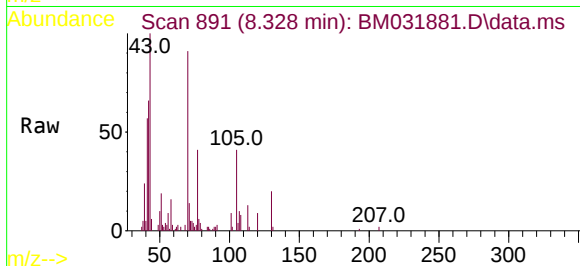


#19
n-Nitroso-di-n-propylamine
Concen: 8.613 ng
RT: 8.328 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Tgt Ion: 70 Resp: 20672

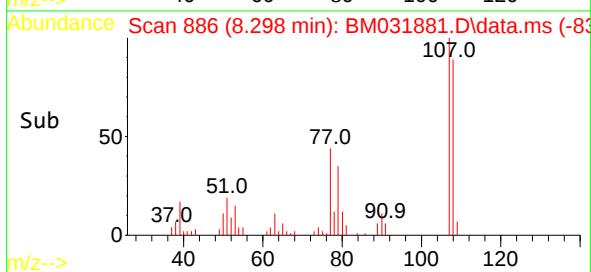
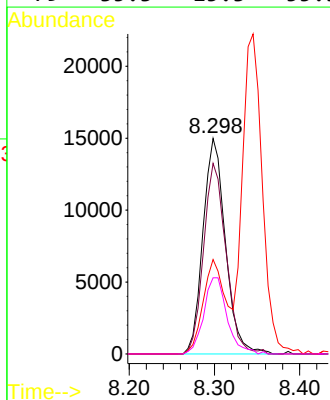
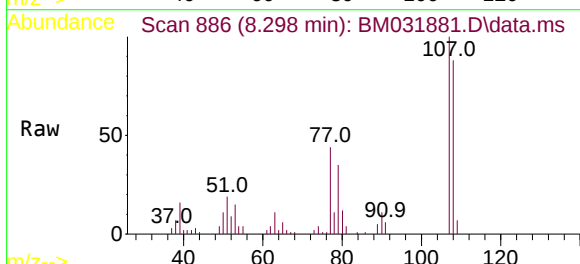
Ion	Ratio	Lower	Upper
70	100		
42	71.9	56.3	84.5
101	10.1	7.8	11.6
130	22.1	14.2	21.4

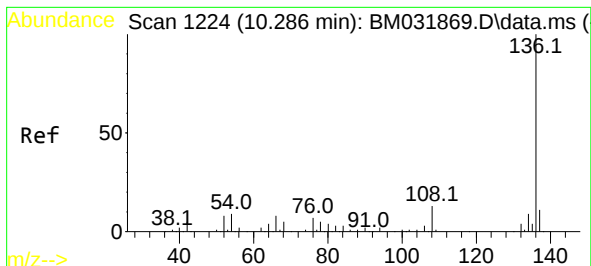


#20
3+4-Methylphenols
Concen: 9.161 ng
RT: 8.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 107 Resp: 27396

Ion	Ratio	Lower	Upper
107	100		
108	88.4	67.6	107.6
77	43.8	21.9	61.9
79	35.3	15.3	55.3

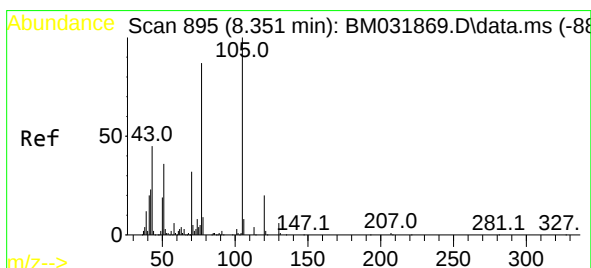
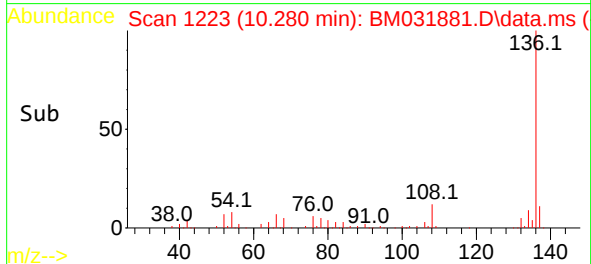
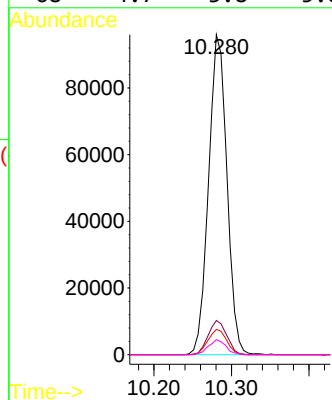
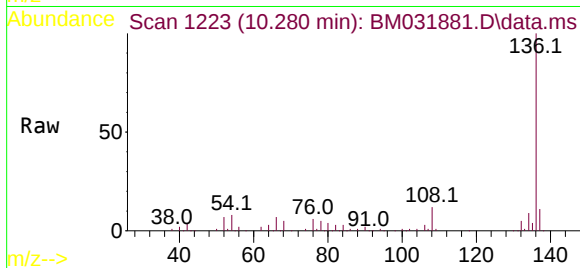




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.280 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

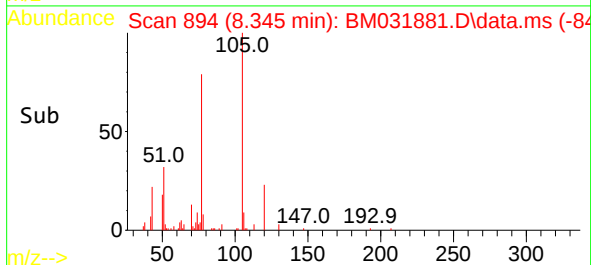
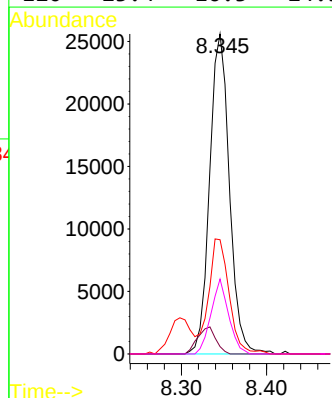
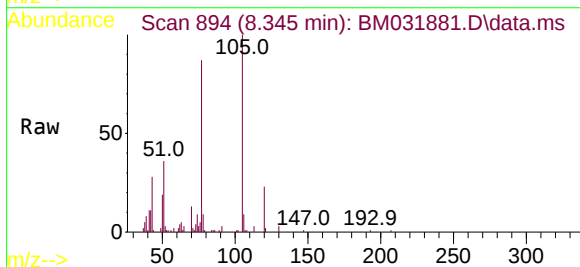
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

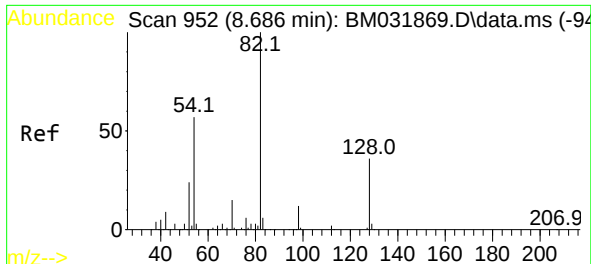
Tgt Ion:136	Resp: 157870
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 7.9	7.4 11.0
68 4.7	3.8 5.8



#22
Acetophenone
Concen: 8.974 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt	Ion:105	Resp:	41311
Ion	Ratio	Lower	Upper
105	100		
71	2.3	3.8	5.6#
51	35.7	29.5	44.3
120	23.4	16.3	24.5

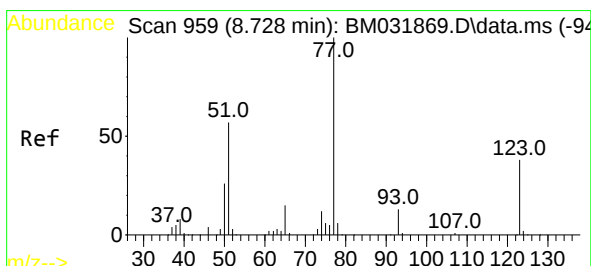
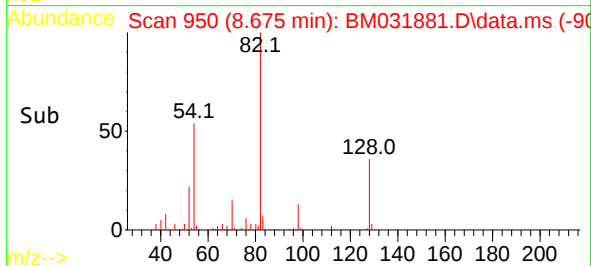
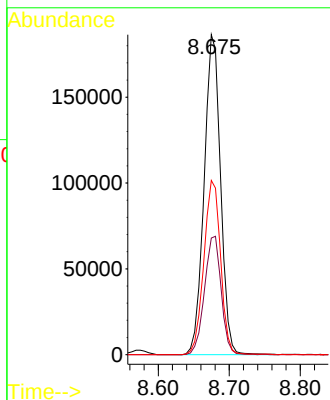
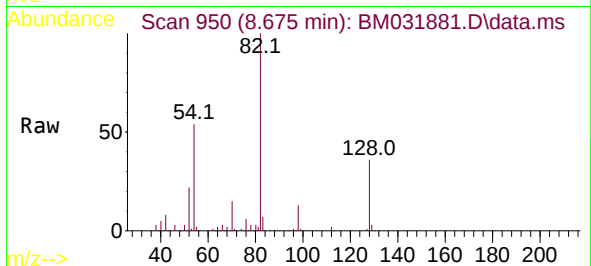




#23
Nitrobenzene-d5
Concen: 77.606 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

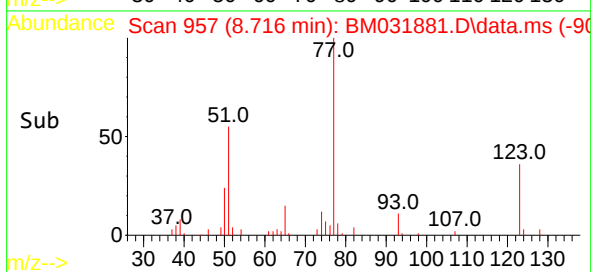
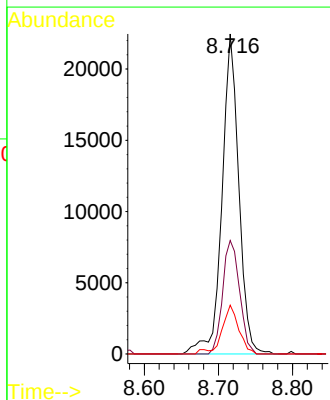
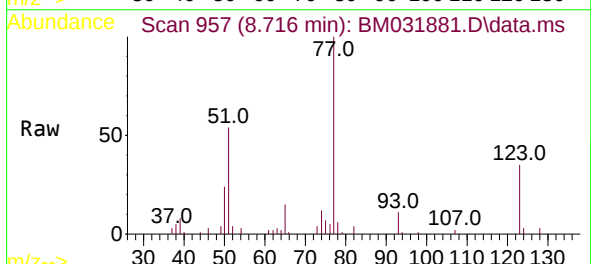
Instrument :
BNA_M
ClientSampleId :
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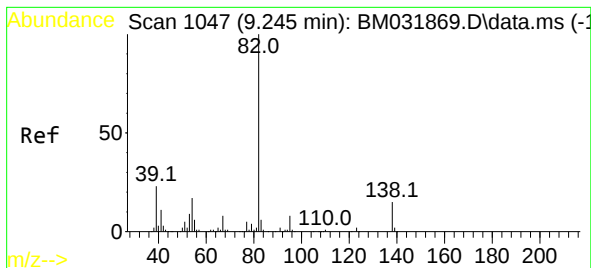
Tgt Ion: 82 Resp: 300869
Ion Ratio Lower Upper
82 100
128 36.4 29.0 43.6
54 54.5 45.8 68.8



#24
Nitrobenzene
Concen: 8.912 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 77 Resp: 35390
Ion Ratio Lower Upper
77 100
123 35.4 30.1 45.1
65 15.3 11.7 17.5





#25

Isophorone

Concen: 8.210 ng

RT: 9.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

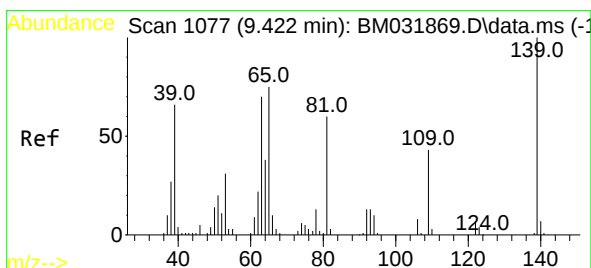
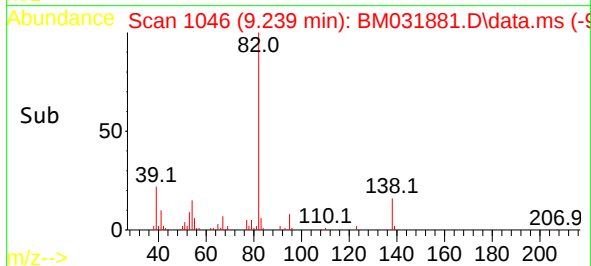
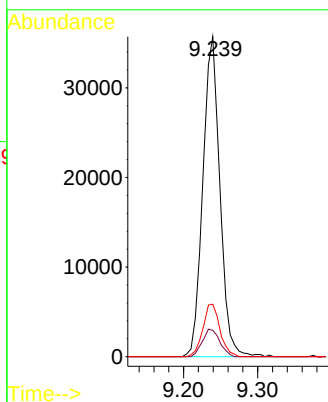
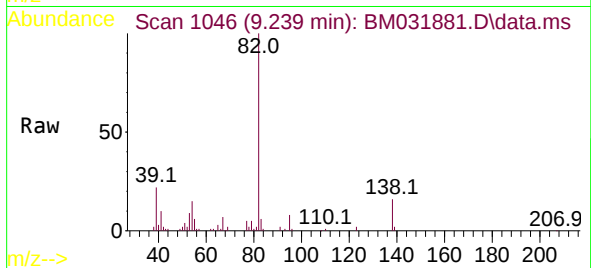
Tgt Ion:	82	Resp:	57109
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.4	9.6
138	16.4	12.4	18.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#26

2-Nitrophenol

Concen: 8.664 ng

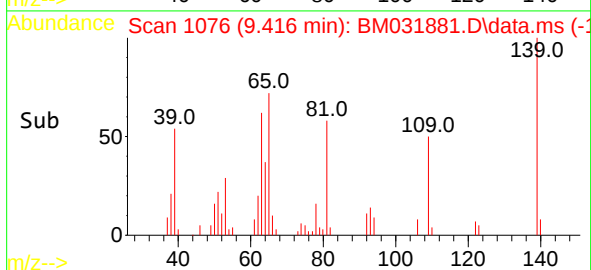
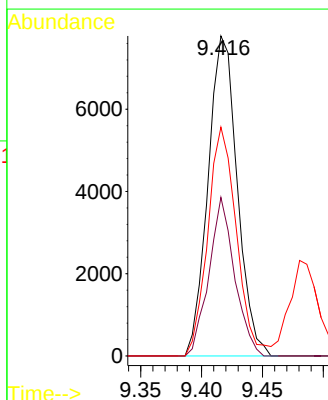
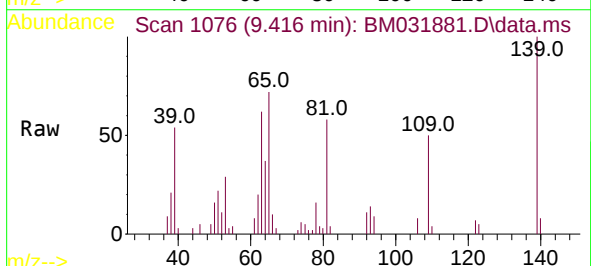
RT: 9.416 min Scan# 1076

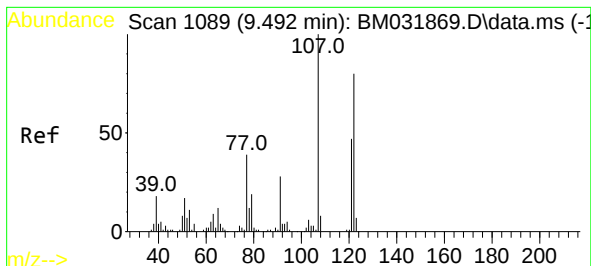
Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:	139	Resp:	12985
Ion Ratio	Lower	Upper	
139	100		
109	49.6	34.8	52.2
65	71.5	59.9	89.9

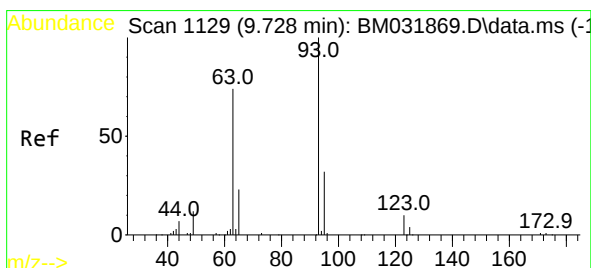
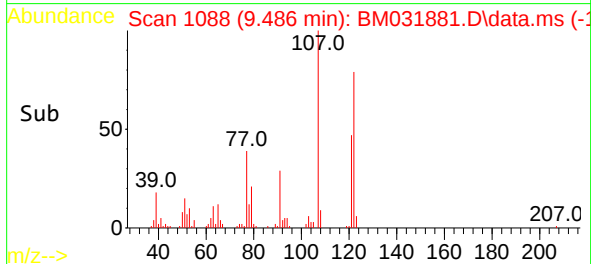
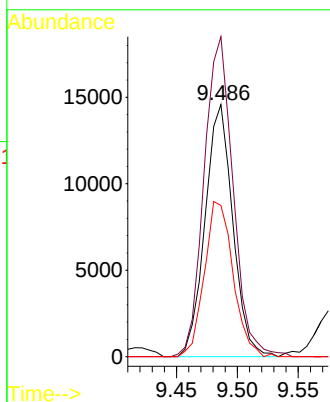
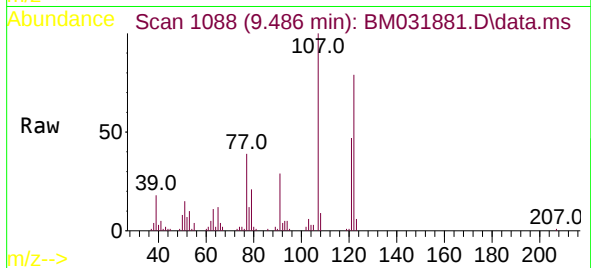




#27
2,4-Dimethylphenol
Concen: 10.020 ng
RT: 9.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

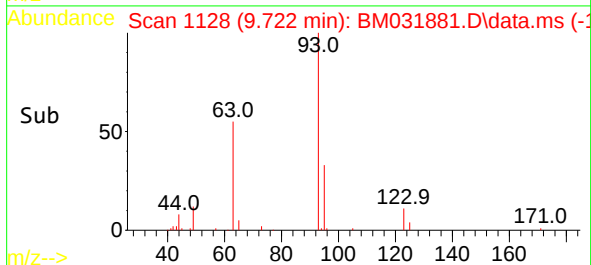
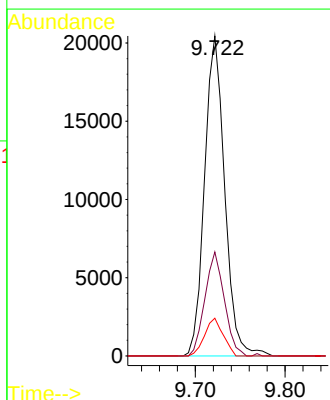
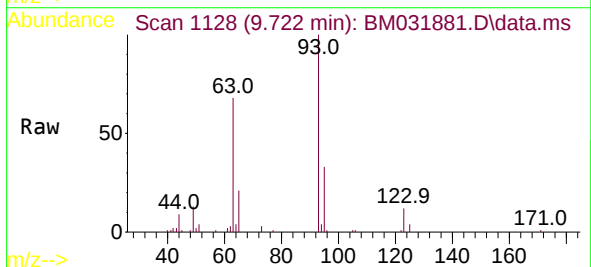
Instrument :
BNA_M
ClientSampleId :
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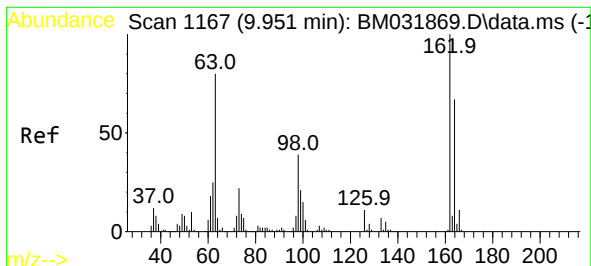
Tgt Ion:122 Resp: 23117
Ion Ratio Lower Upper
122 100
107 126.9 100.6 150.8
121 59.9 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 9.428 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 93 Resp: 31877
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.8 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 8.874 ng

RT: 9.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

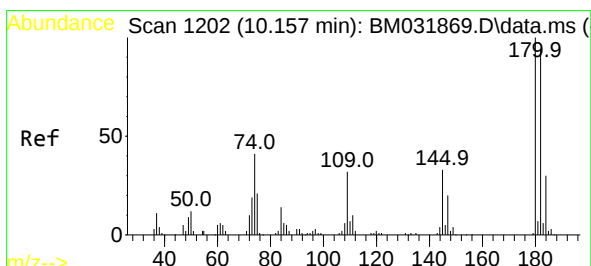
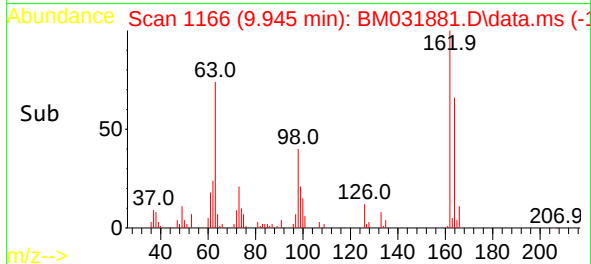
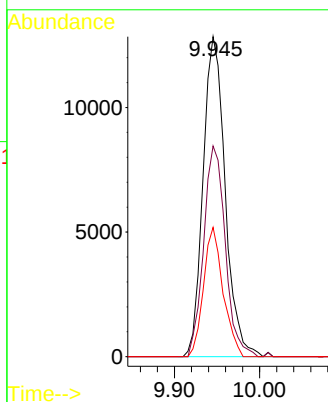
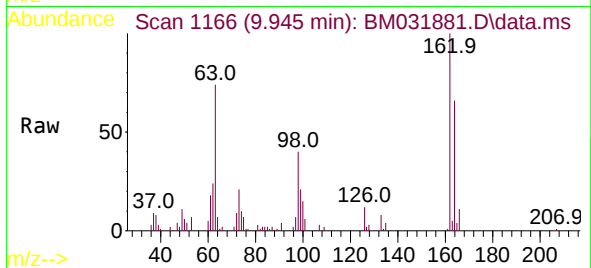
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:162	Resp:	23200
Ion Ratio	Lower	Upper
162	100	
164	65.8	47.4 87.4
98	40.4	18.9 58.9



#30

1,2,4-Trichlorobenzene

Concen: 9.466 ng

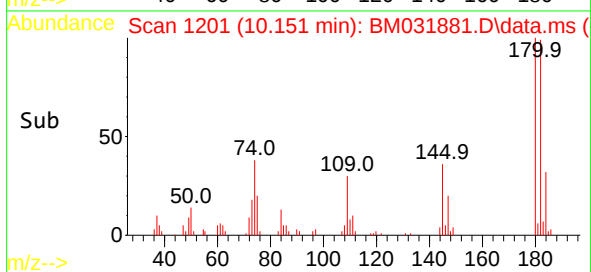
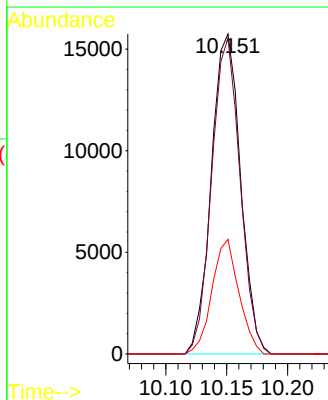
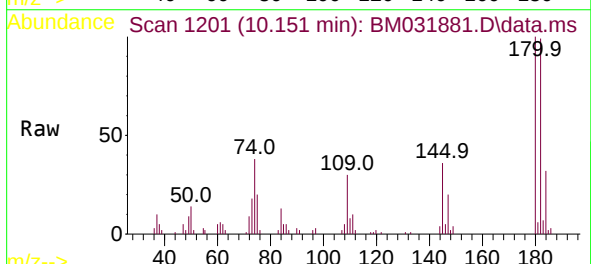
RT: 10.151 min Scan# 1201

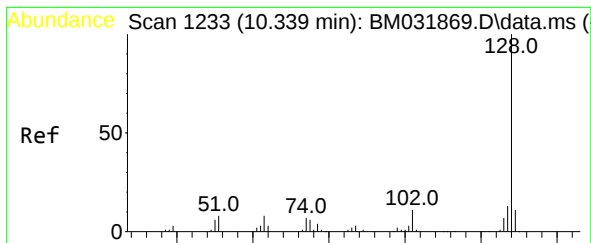
Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:180	Resp:	26277
Ion Ratio	Lower	Upper
180	100	
182	98.7	75.5 113.3
145	35.8	26.2 39.2

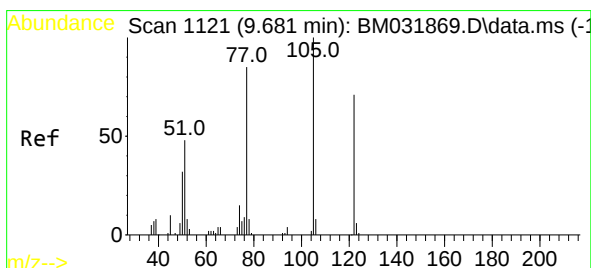
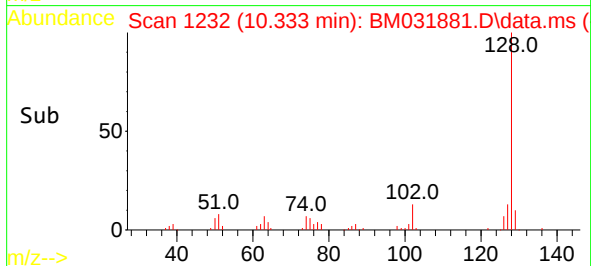
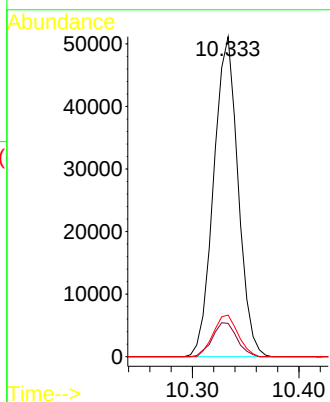
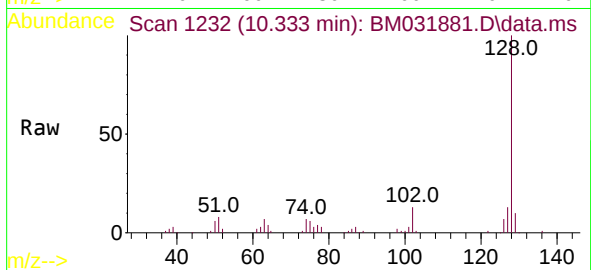




#31
Naphthalene
Concen: 8.976 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

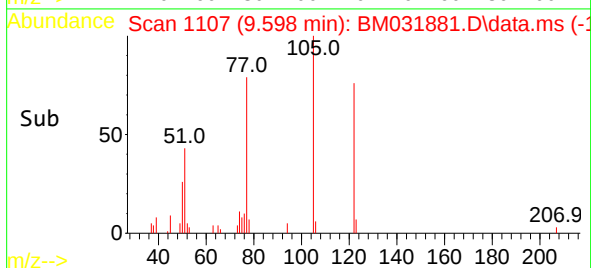
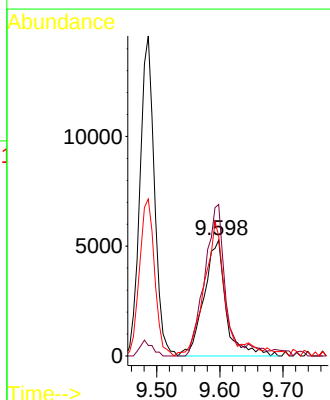
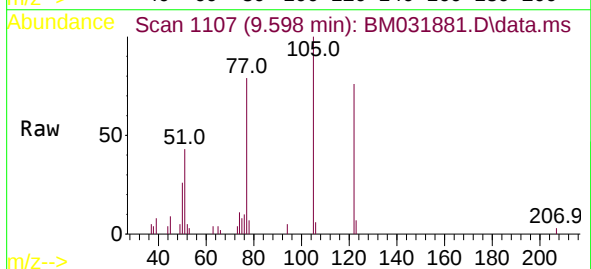
Instrument :
BNA_M
ClientSampleId :
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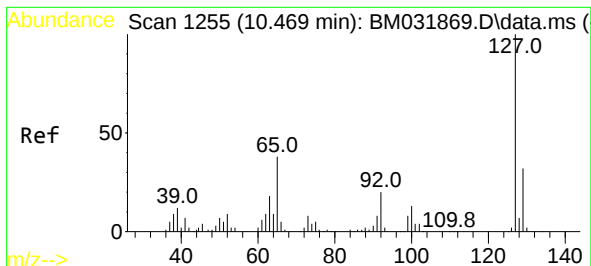
Tgt Ion:128 Resp: 81254
Ion Ratio Lower Upper
128 100
129 10.4 8.6 13.0
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 6.512 ng
RT: 9.598 min Scan# 1107
Delta R.T. -0.082 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:122 Resp: 12735
Ion Ratio Lower Upper
122 100
105 130.8 120.3 160.3
77 103.5 100.0 140.0

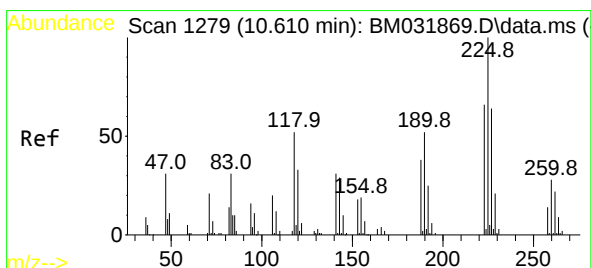
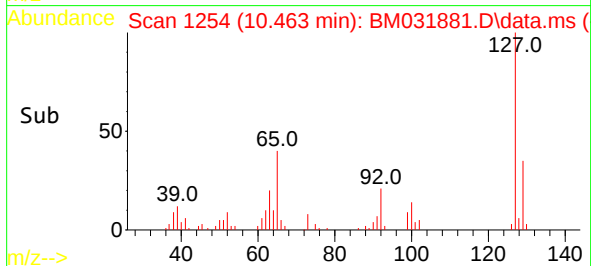
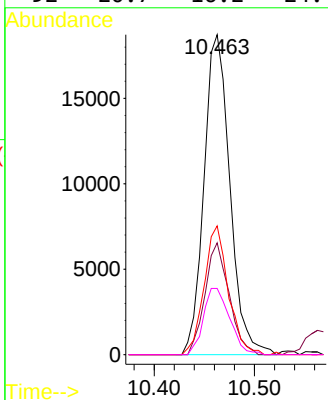
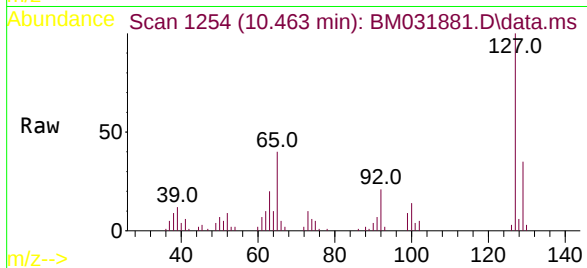




#33
4-Chloroaniline
Concen: 9.358 ng
RT: 10.463 min Scan# 1254
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

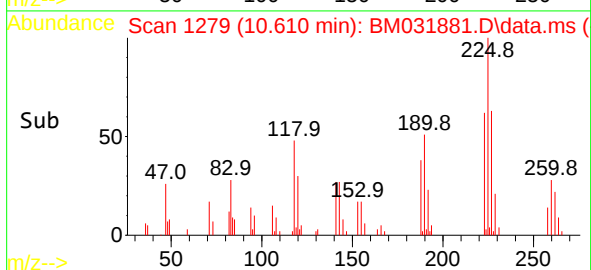
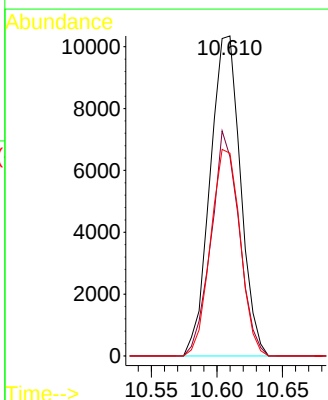
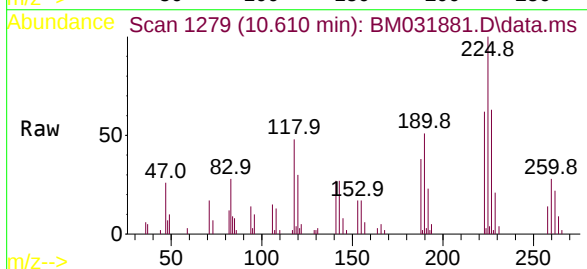
Instrument :
BNA_M
ClientSampleId :
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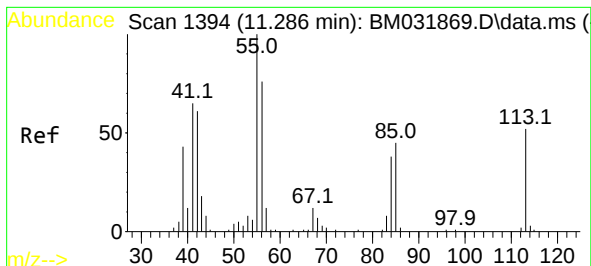
Tgt Ion:	127	Resp:	33636
Ion	Ratio	Lower	Upper
127	100		
129	35.0	25.6	38.4
65	40.3	30.4	45.6
92	20.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 9.601 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:	225	Resp:	16657
Ion	Ratio	Lower	Upper
225	100		
223	60.0	52.6	78.8
227	61.1	51.2	76.8

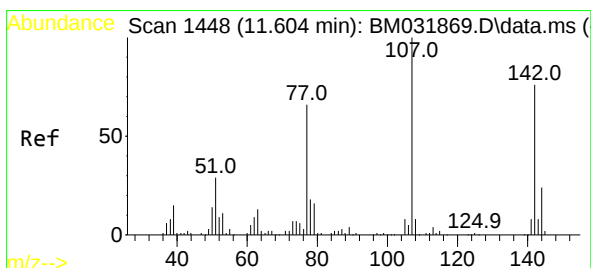
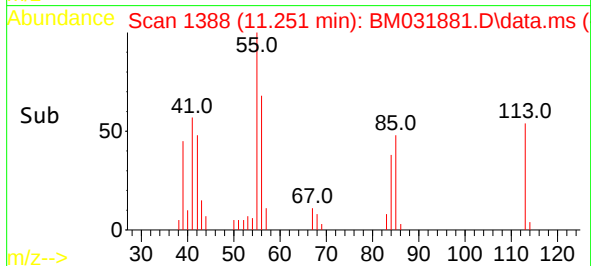
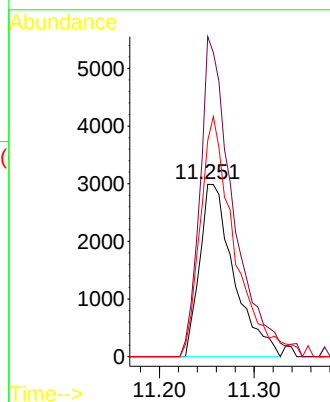
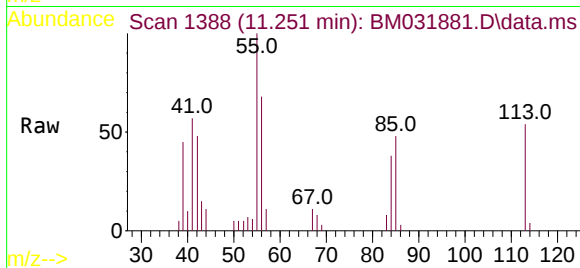




#35
Caprolactam
Concen: 9.059 ng
RT: 11.251 min Scan# 1388
Delta R.T. -0.035 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

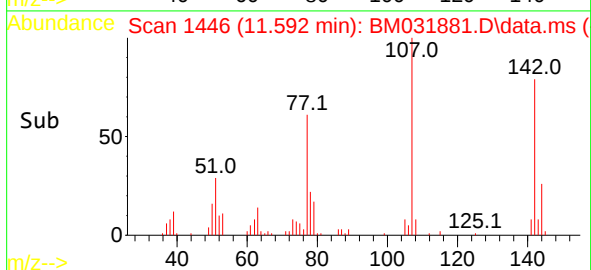
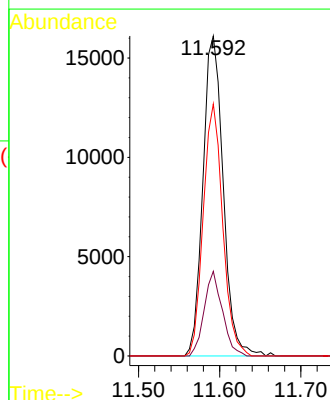
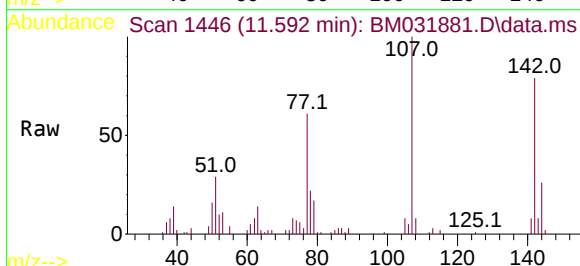
Instrument :
BNA_M
ClientSampleId :
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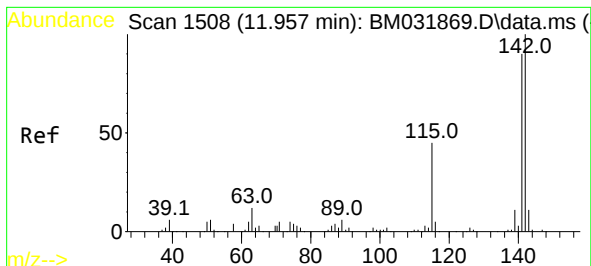
Tgt Ion:113 Resp: 7495
Ion Ratio Lower Upper
113 100
55 185.7 170.5 210.5
56 125.4 125.2 165.2



#36
4-Chloro-3-methylphenol
Concen: 9.003 ng
RT: 11.592 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:107 Resp: 27947
Ion Ratio Lower Upper
107 100
144 26.5 19.3 28.9
142 78.8 60.5 90.7

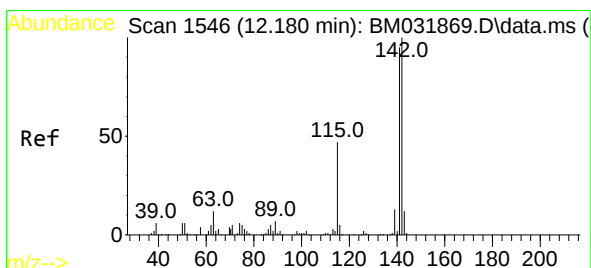
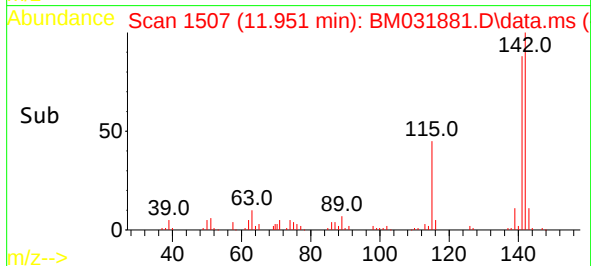
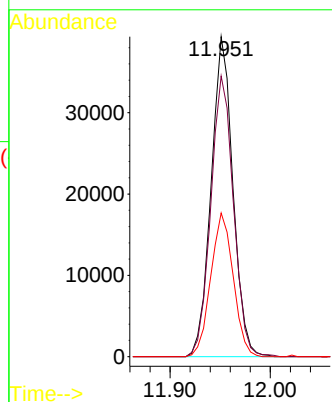
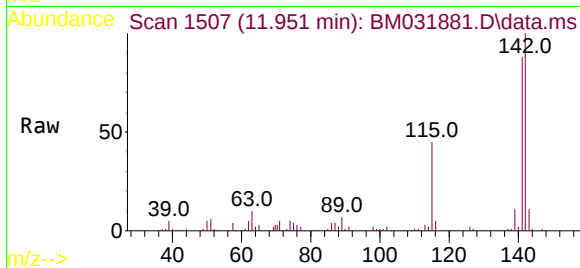




#37
2-Methylnaphthalene
Concen: 9.098 ng
RT: 11.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

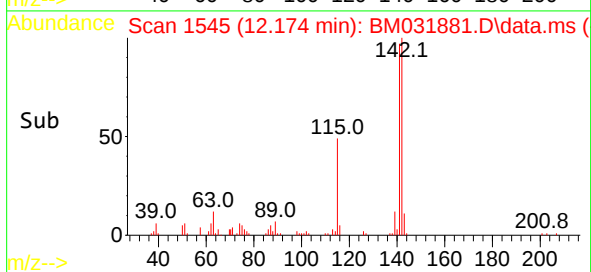
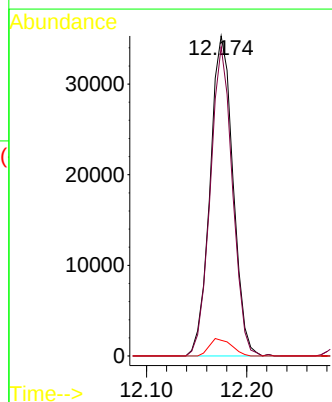
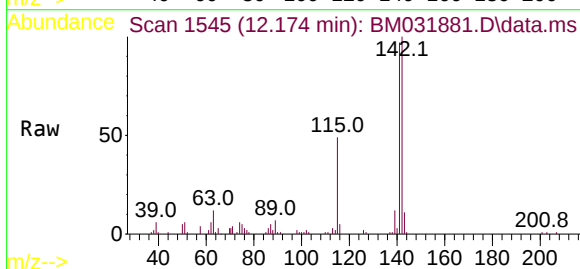
Instrument :
BNA_M
ClientSampleId :
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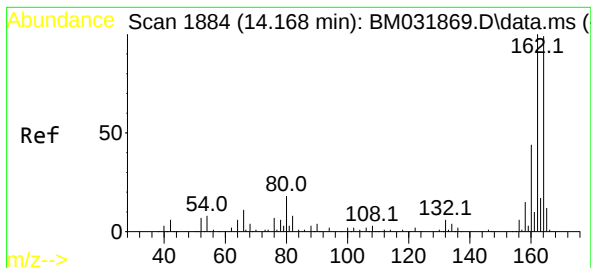
Tgt Ion:142 Resp: 59375
Ion Ratio Lower Upper
142 100
141 87.7 71.8 107.6
115 44.9 36.3 54.5



#38
1-Methylnaphthalene
Concen: 9.147 ng
RT: 12.174 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:142 Resp: 56196
Ion Ratio Lower Upper
142 100
141 96.7 75.6 113.4
116 4.9 4.0 6.0

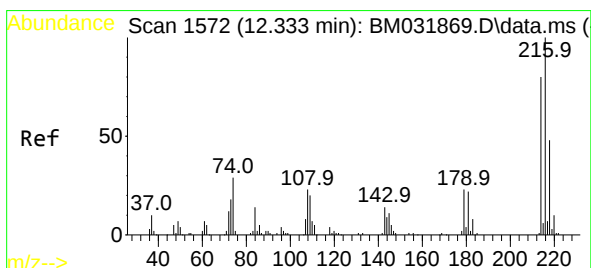
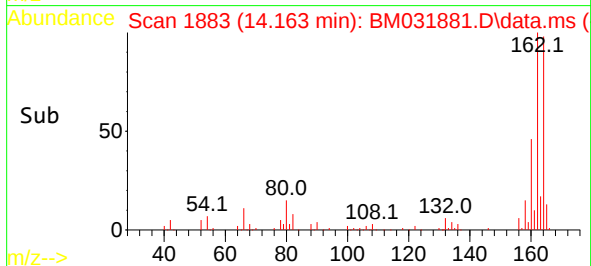
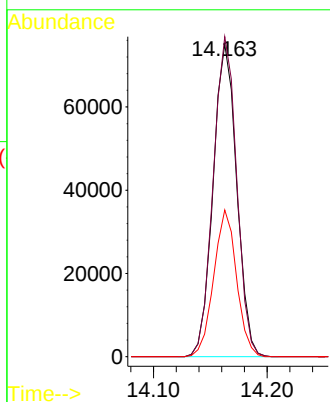
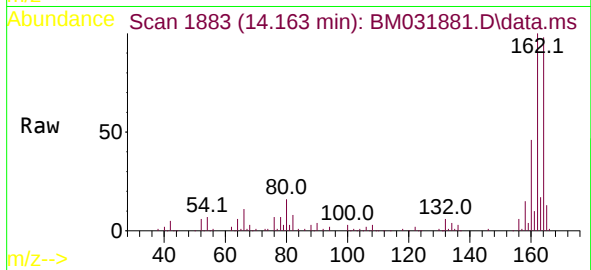




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

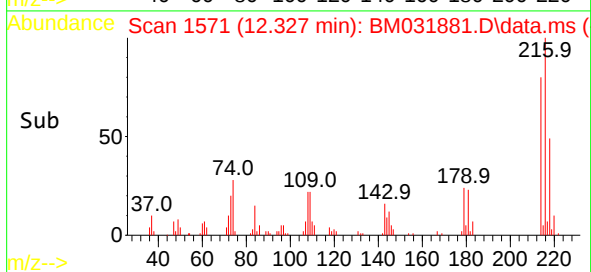
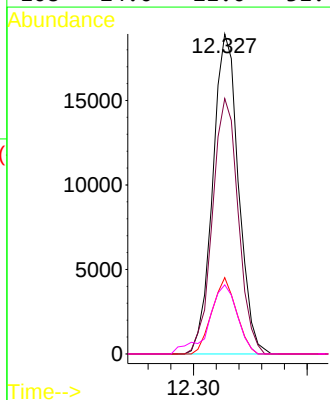
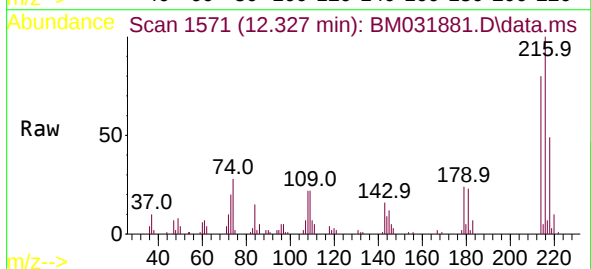
Instrument :
BNA_M
ClientSampleId :
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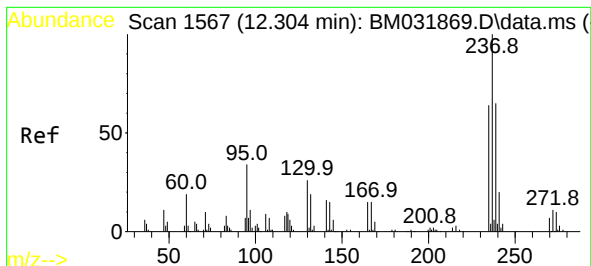
Tgt Ion:164 Resp: 108651
Ion Ratio Lower Upper
164 100
162 102.4 80.6 121.0
160 47.0 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.529 ng
RT: 12.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:216 Resp: 29754
Ion Ratio Lower Upper
216 100
214 80.0 62.5 93.7
179 22.6 18.7 28.1
108 24.0 21.0 31.4



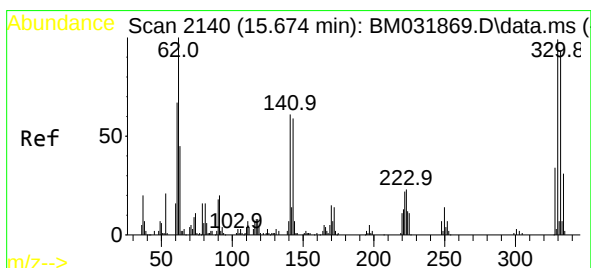
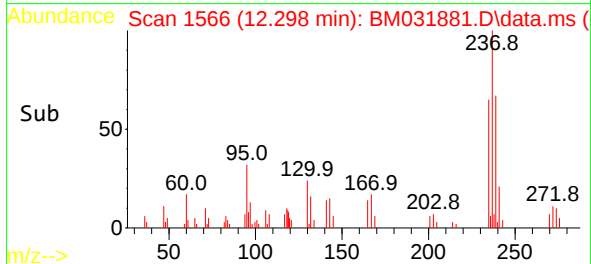
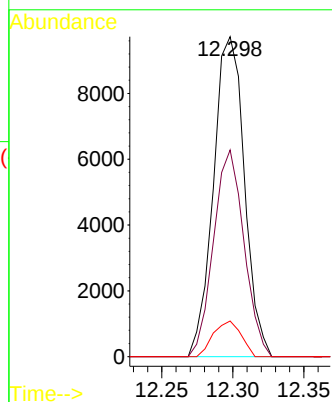
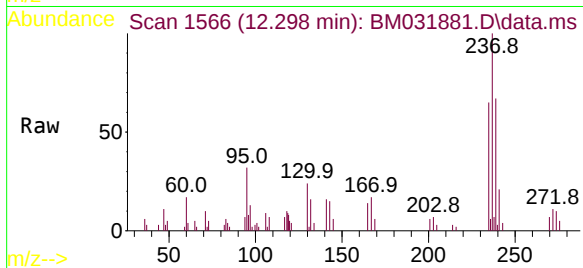


#41

Hexachlorocyclopentadiene
Concen: 9.736 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

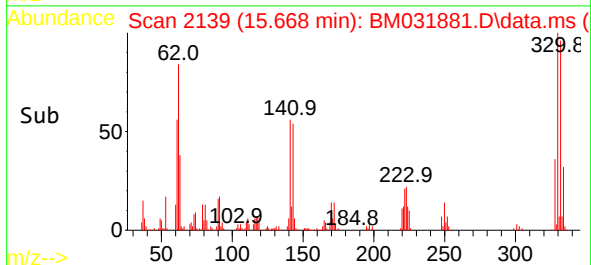
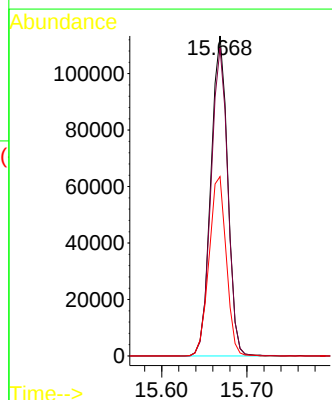
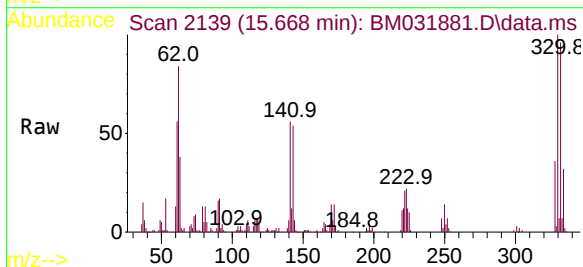
Tgt Ion:	237	Resp:	14743
Ion	Ratio	Lower	Upper
237	100		
235	64.6	44.4	84.4
272	11.1	0.0	31.4

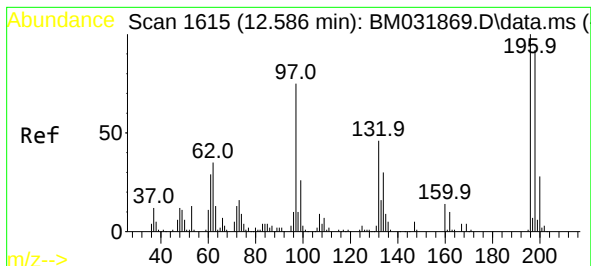


#42

2,4,6-Tribromophenol
Concen: 129.799 ng
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:	330	Resp:	155400
Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.7	113.5
141	57.5	50.7	76.1

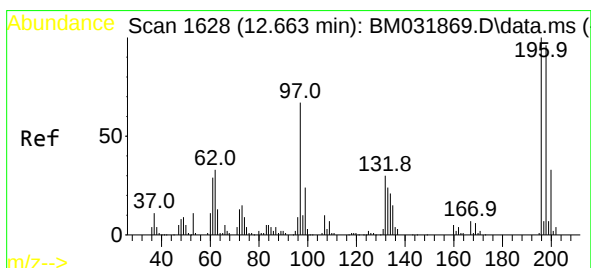
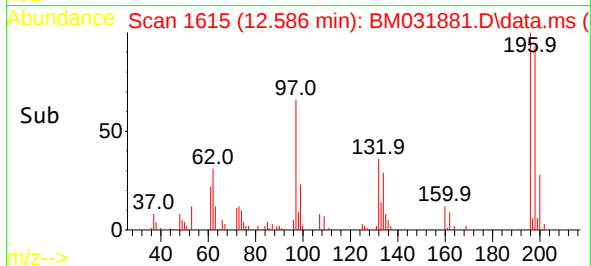
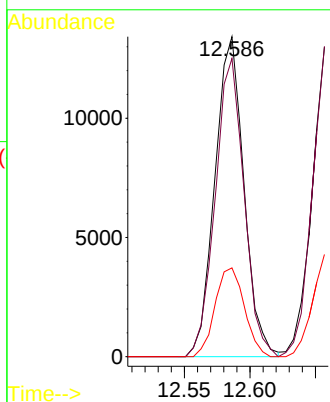
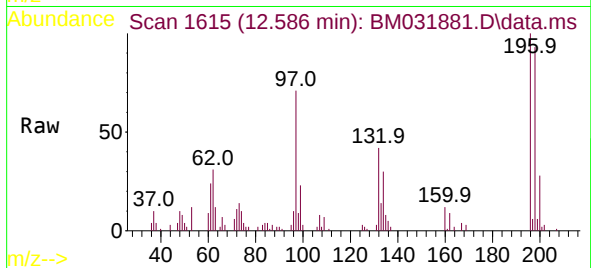




#43
2,4,6-Trichlorophenol
Concen: 8.960 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

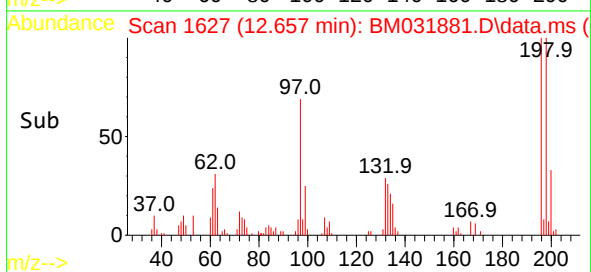
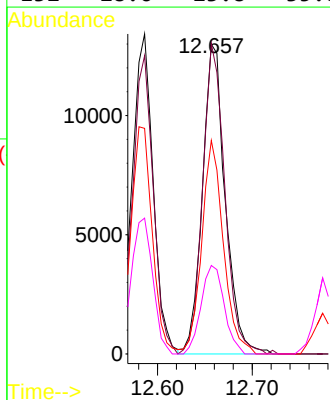
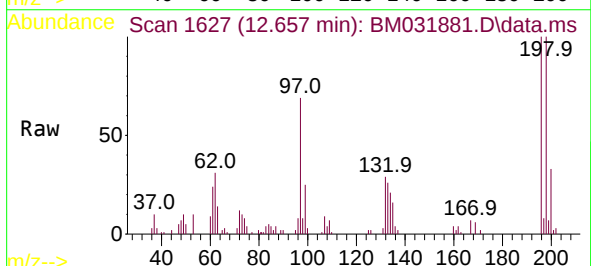
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

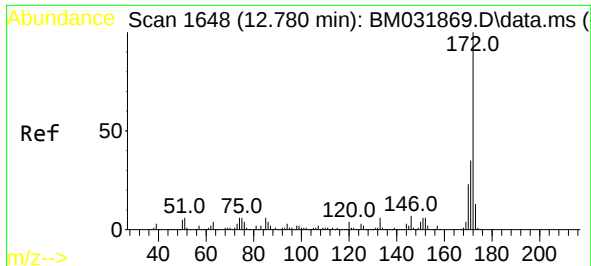
Tgt Ion:196 Resp: 20655
Ion Ratio Lower Upper
196 100
198 93.2 73.6 110.4
200 27.7 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 8.883 ng
RT: 12.657 min Scan# 1627
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:196 Resp: 21843
Ion Ratio Lower Upper
196 100
198 100.2 77.0 115.4
97 68.9 53.9 80.9
132 28.6 23.8 35.8

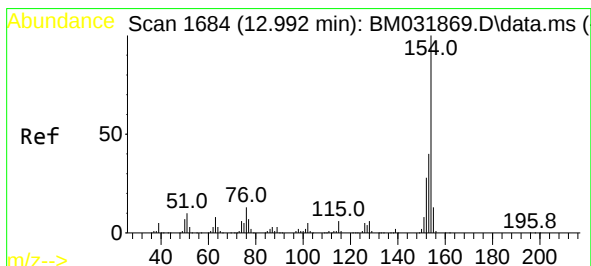
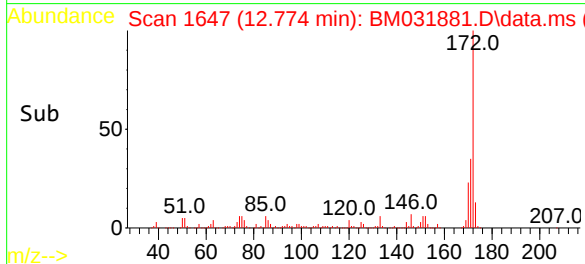
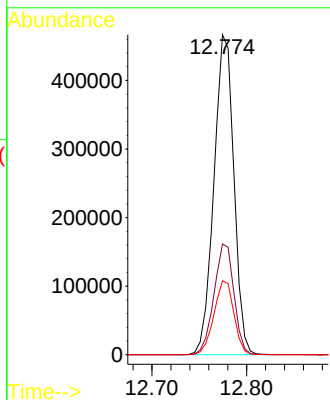
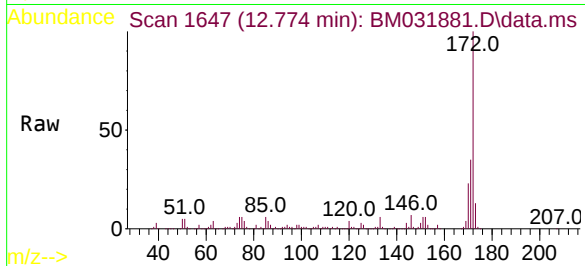




#45
2-Fluorobiphenyl
Concen: 80.807 ng
RT: 12.774 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

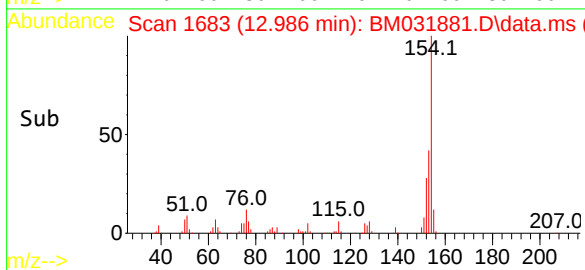
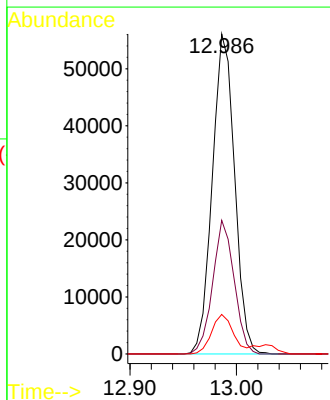
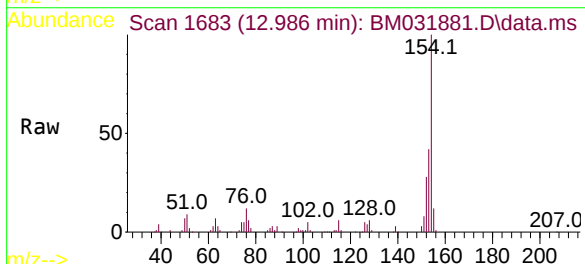
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

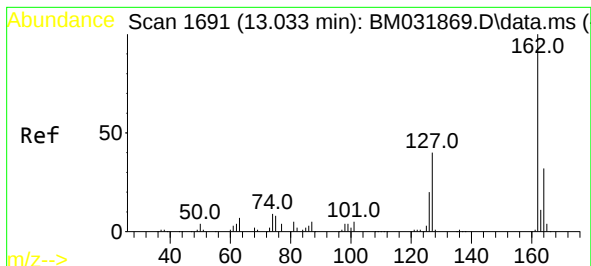
Tgt Ion:172 Resp: 682378
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.1 18.6 27.8



#46
1,1'-Biphenyl
Concen: 9.287 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:154 Resp: 81394
Ion Ratio Lower Upper
154 100
153 41.8 20.3 60.3
76 12.4 0.0 33.5

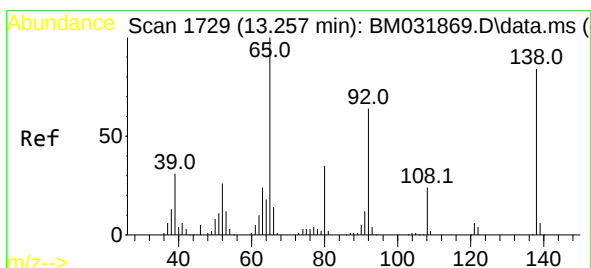
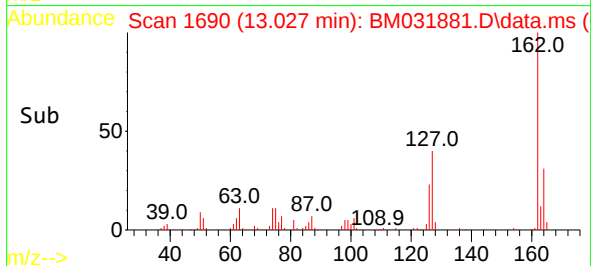
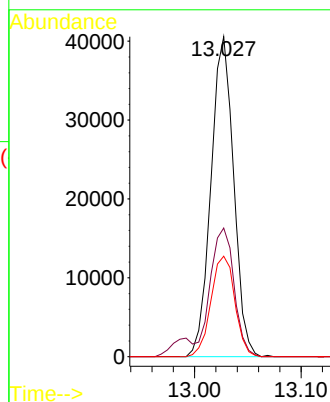
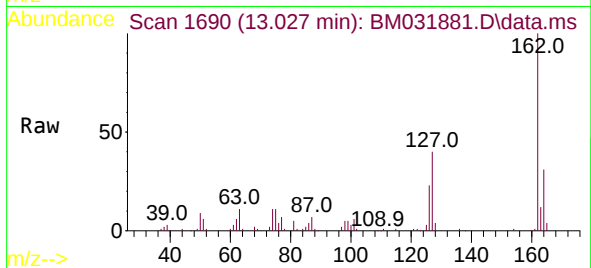




#47
2-Chloronaphthalene
Concen: 8.829 ng
RT: 13.027 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

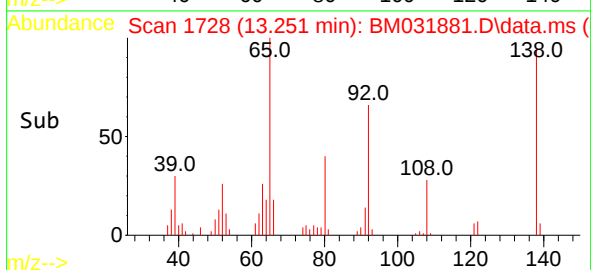
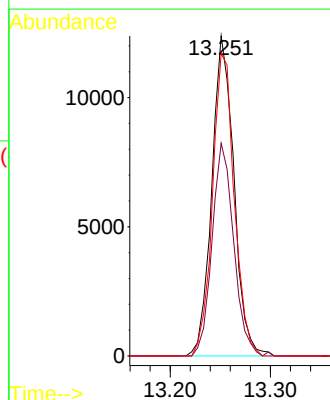
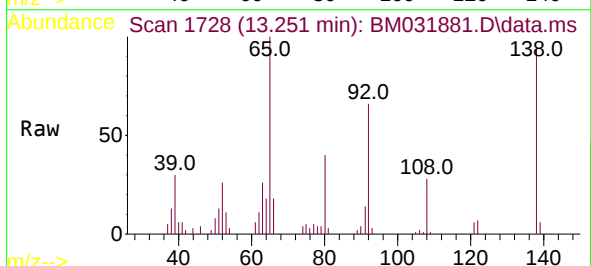
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

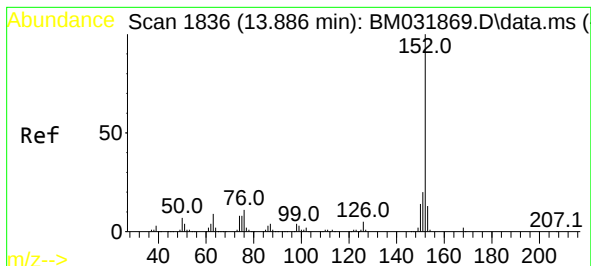
Tgt Ion:162 Resp: 60088
Ion Ratio Lower Upper
162 100
127 40.2 33.2 49.8
164 31.4 25.7 38.5



#48
2-Nitroaniline
Concen: 7.994 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 65 Resp: 18932
Ion Ratio Lower Upper
65 100
92 66.5 51.2 76.8
138 94.5 66.8 100.2





#49

Acenaphthylene

Concen: 9.080 ng

RT: 13.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

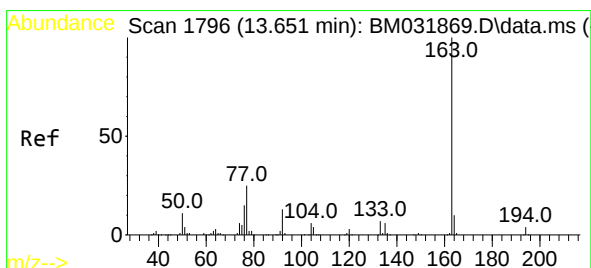
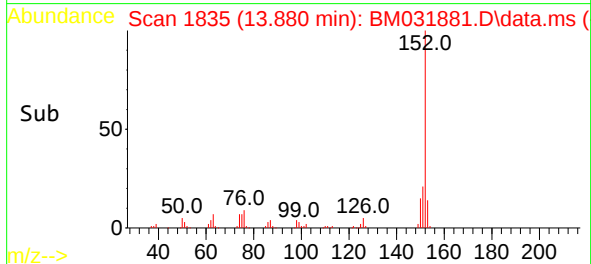
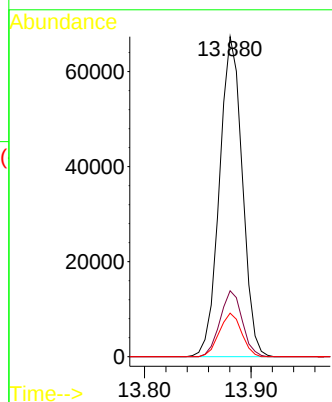
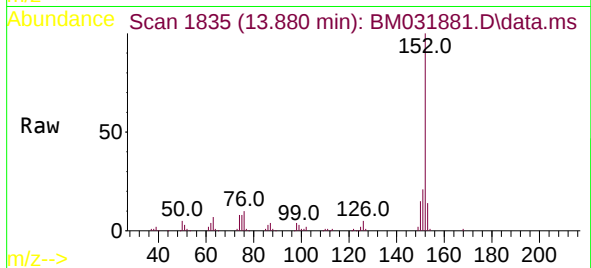
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:152	Resp:	100250
Ion Ratio	Lower	Upper
152	100	
151	20.6	15.7 23.5
153	13.6	10.6 15.8



#50

Dimethylphthalate

Concen: 9.214 ng

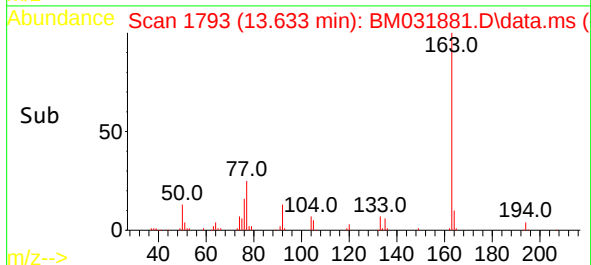
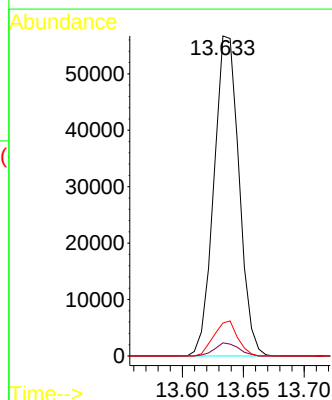
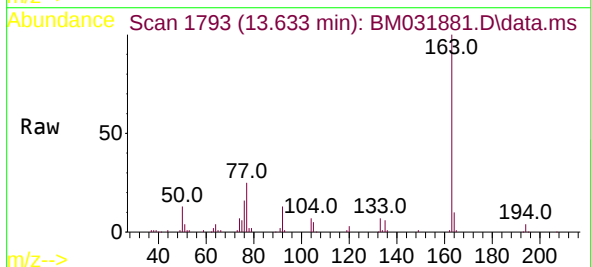
RT: 13.633 min Scan# 1793

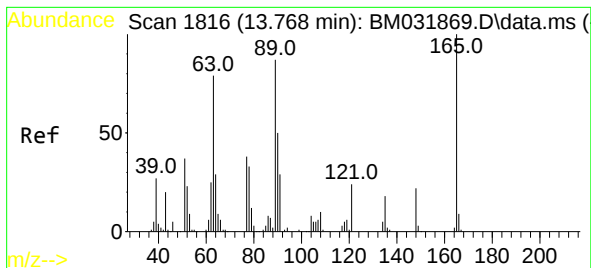
Delta R.T. -0.018 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:163	Resp:	81320
Ion Ratio	Lower	Upper
163	100	
194	4.1	2.9 4.3
164	10.3	8.0 12.0

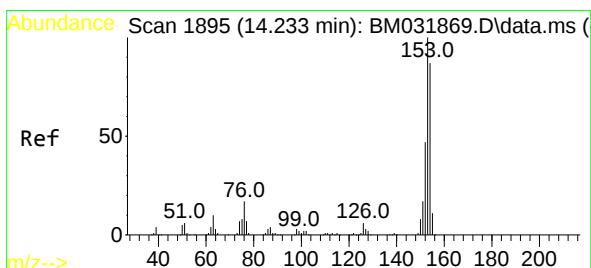
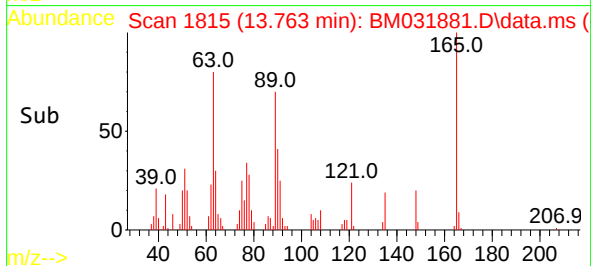
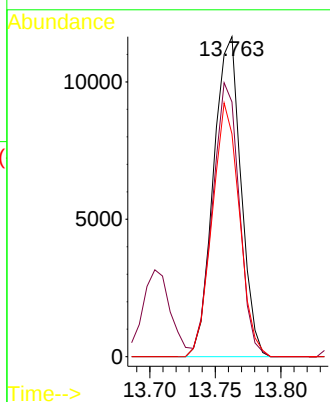
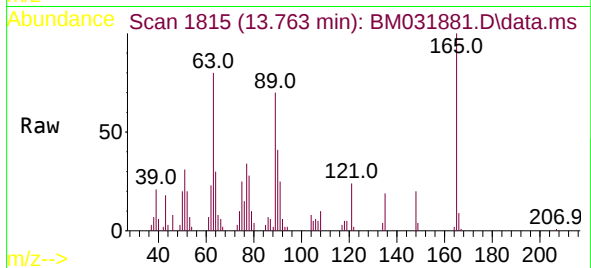




#51
2,6-Dinitrotoluene
Concen: 8.821 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

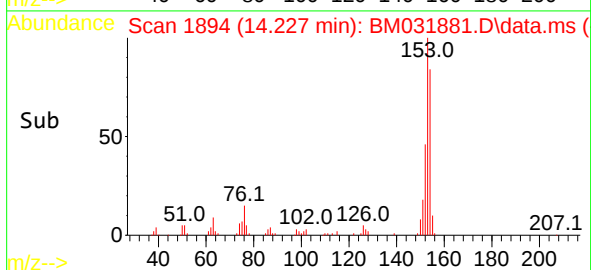
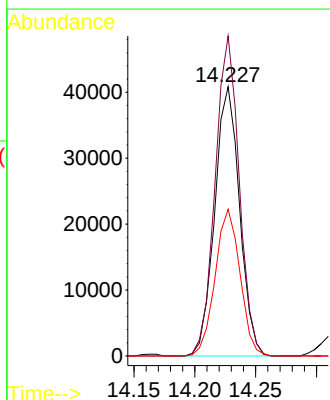
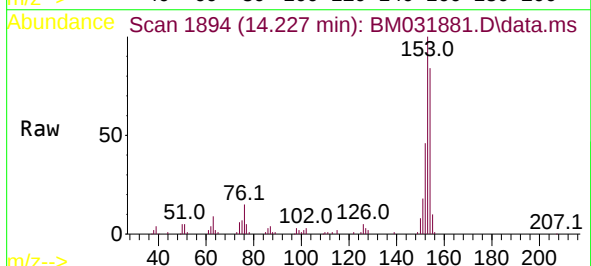
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

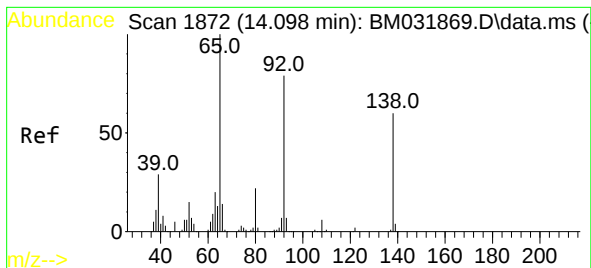
Tgt Ion:165 Resp: 16985
Ion Ratio Lower Upper
165 100
63 79.6 72.4 108.6
89 69.6 69.3 103.9



#52
Acenaphthene
Concen: 8.747 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:154 Resp: 58097
Ion Ratio Lower Upper
154 100
153 118.8 92.4 138.6
152 54.5 43.7 65.5

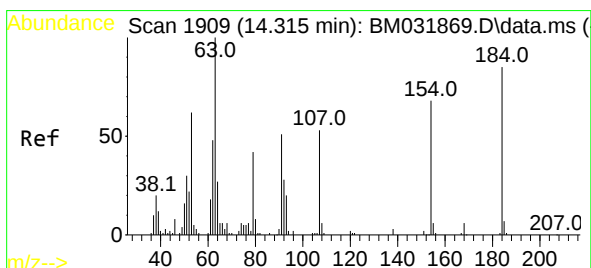
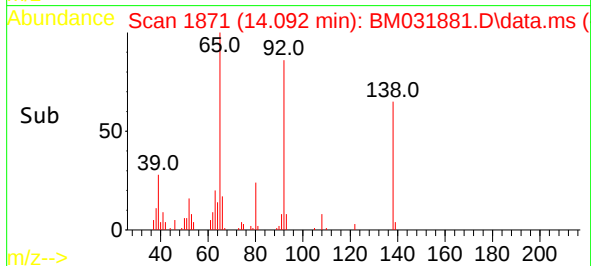
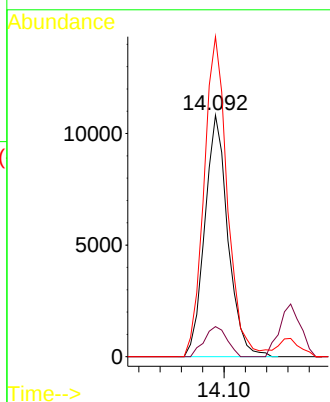
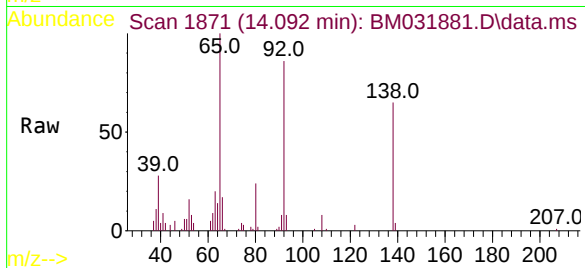




#53
3-Nitroaniline
Concen: 8.677 ng
RT: 14.092 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

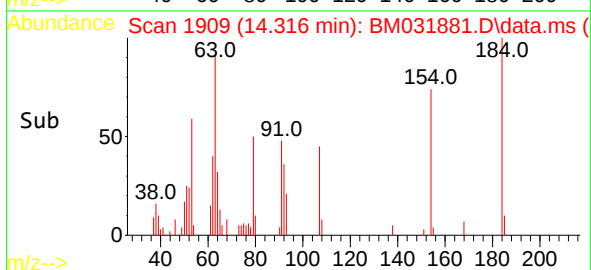
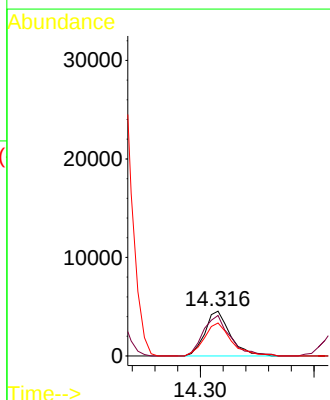
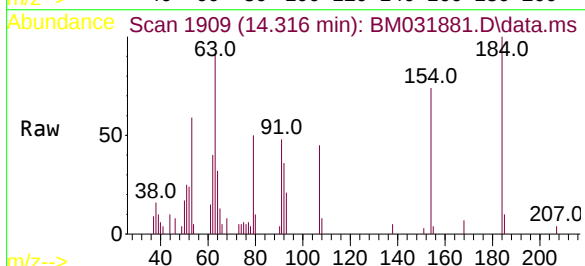
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

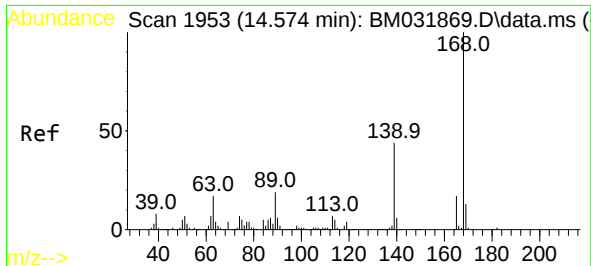
Tgt Ion:138 Resp: 16356
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5
92 132.6 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 6.506 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:184 Resp: 6996
Ion Ratio Lower Upper
184 100
63 90.6 93.8 140.6#
154 73.6 64.0 96.0

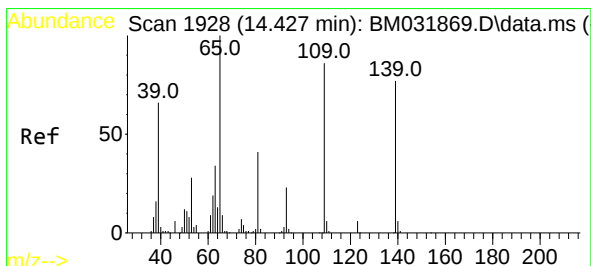
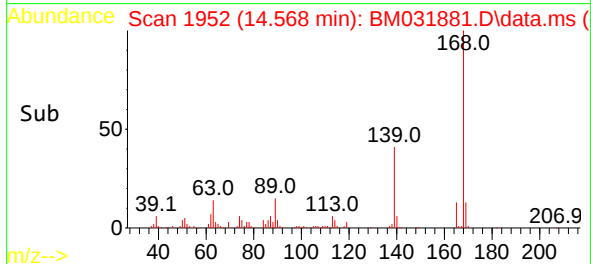
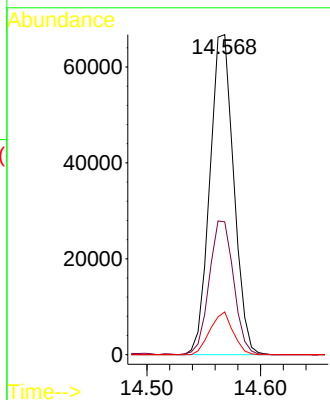
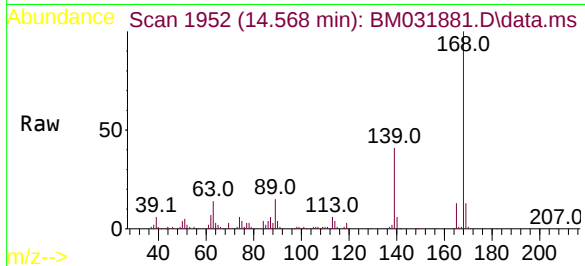




#55
Dibenzenofuran
Concen: 8.881 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

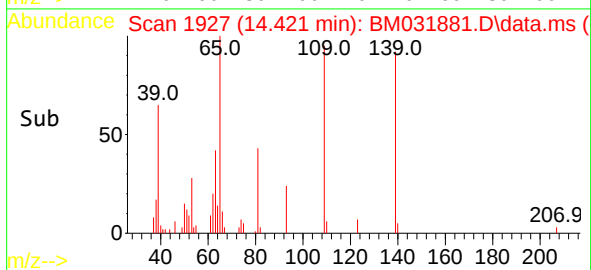
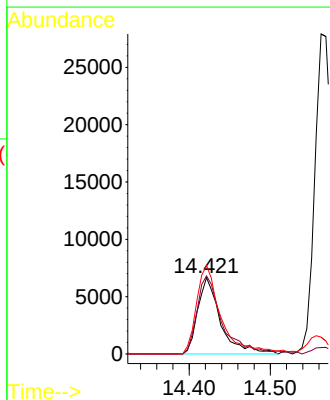
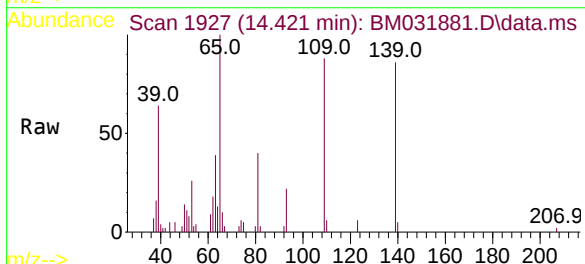
Instrument :
BNA_M
ClientSampleId :
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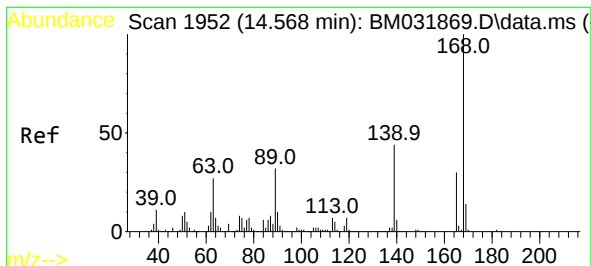
Tgt Ion:168 Resp: 97652
Ion Ratio Lower Upper
168 100
139 41.5 35.0 52.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 8.399 ng
RT: 14.421 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:139 Resp: 13039
Ion Ratio Lower Upper
139 100
109 102.4 92.3 132.3
65 116.1 110.5 150.5

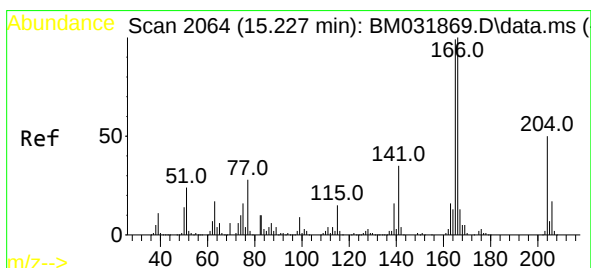
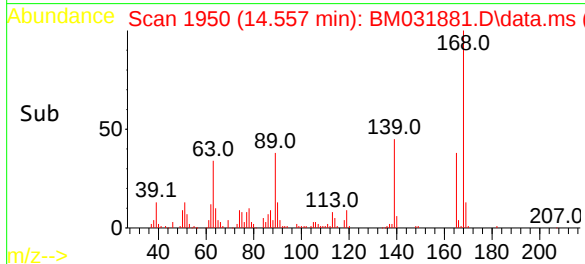
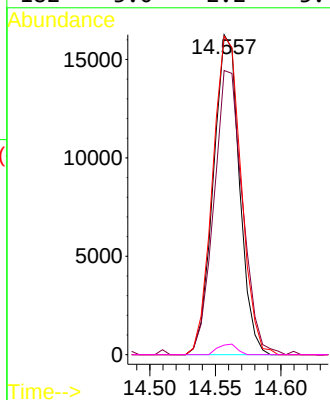
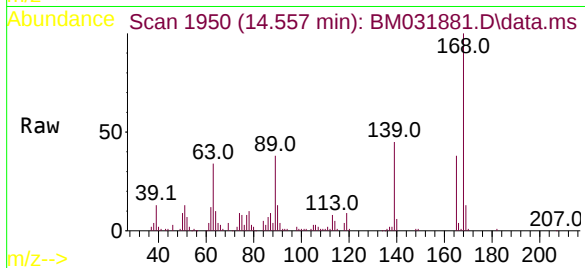




#57
2,4-Dinitrotoluene
Concen: 8.400 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

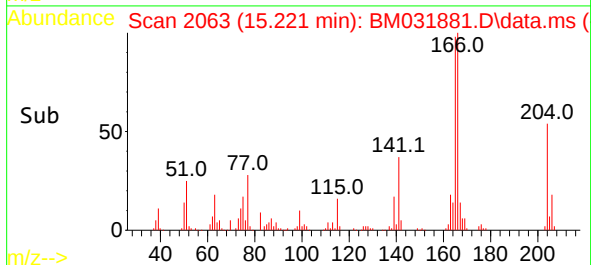
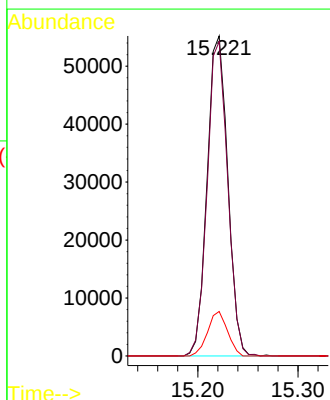
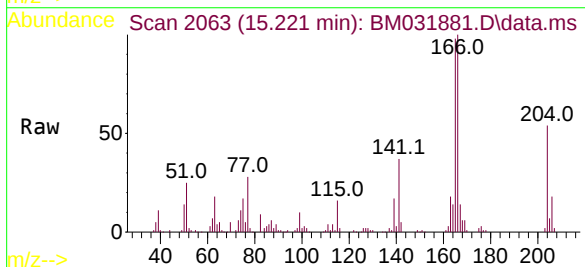
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

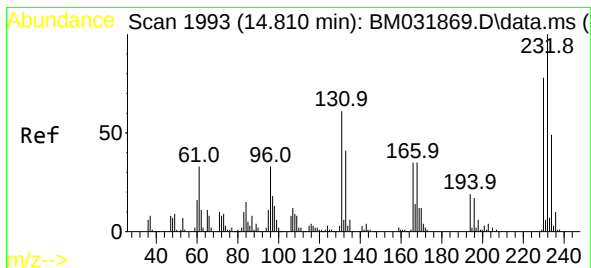
Tgt Ion:165	Resp:	22515
Ion Ratio	Lower	Upper
165	100	
63	88.8	70.3 105.5
89	99.6	83.1 124.7
182	3.0	2.2 3.4



#58
Fluorene
Concen: 8.771 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:166	Resp:	79013
Ion Ratio	Lower	Upper
166	100	
165	98.3	79.3 118.9
167	13.9	10.6 16.0

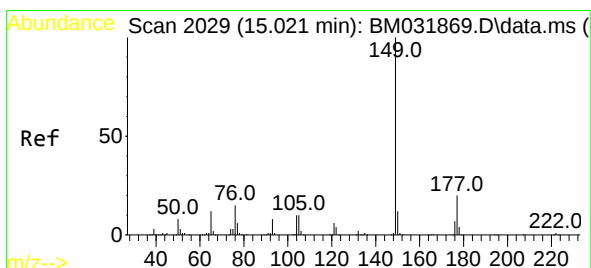
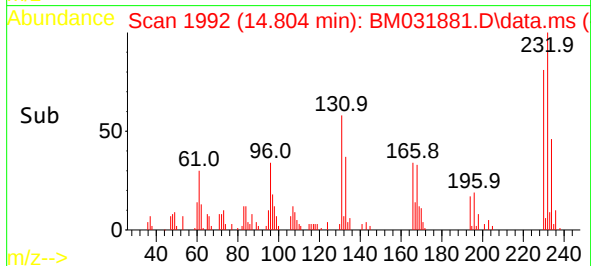
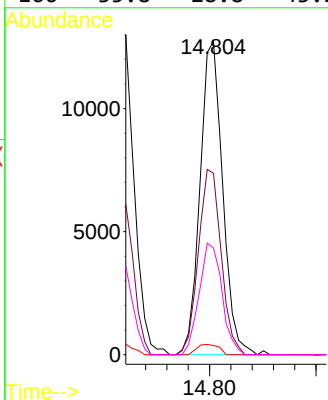
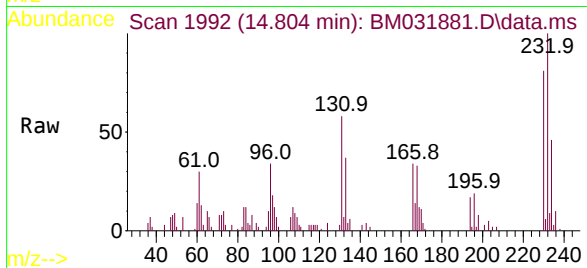




#59
2,3,4,6-Tetrachlorophenol
Concen: 8.932 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

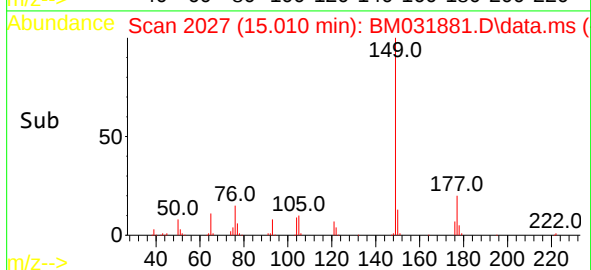
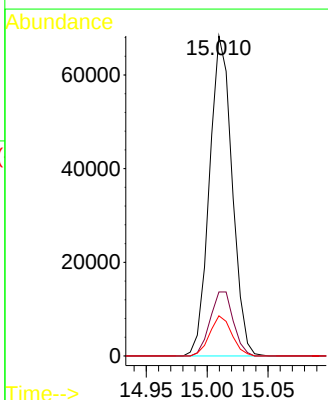
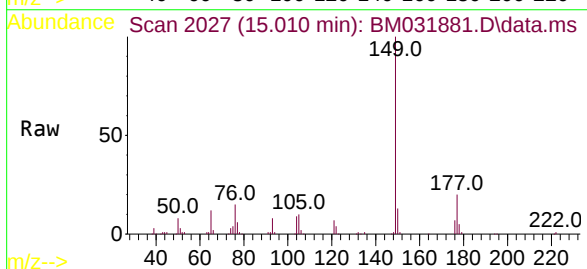
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

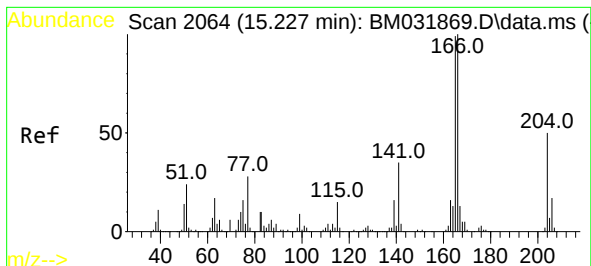
Tgt Ion:232 Resp: 18804
Ion Ratio Lower Upper
232 100
131 59.5 50.6 75.8
130 3.1 3.0 4.4
166 35.8 28.8 43.2



#60
Diethylphthalate
Concen: 9.191 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:149 Resp: 88331
Ion Ratio Lower Upper
149 100
177 20.0 15.7 23.5
150 12.5 9.6 14.4

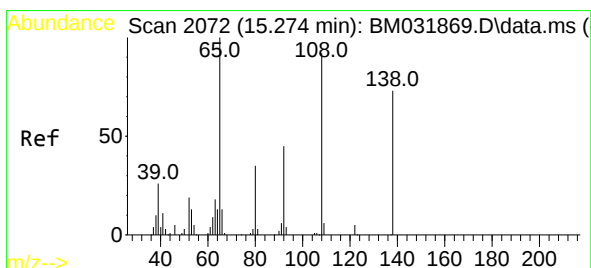
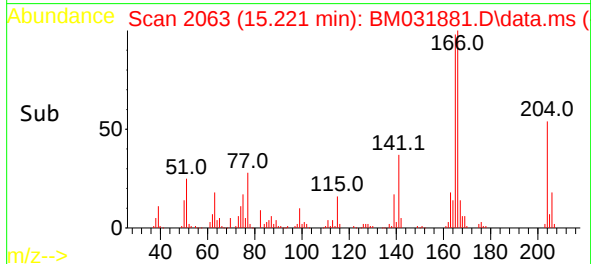
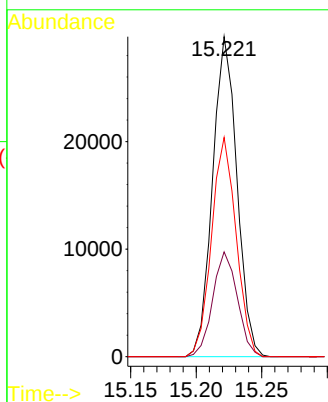
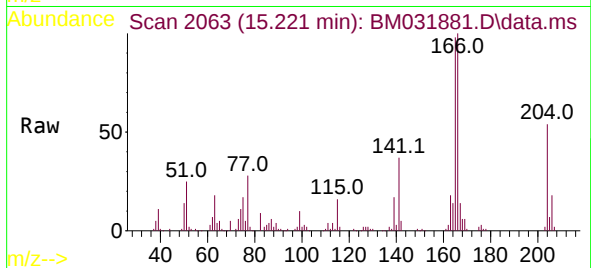




#61
4-Chlorophenyl-phenylether
Concen: 8.897 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

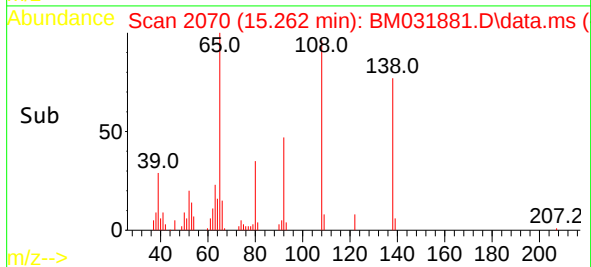
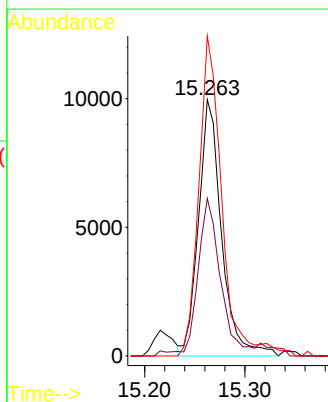
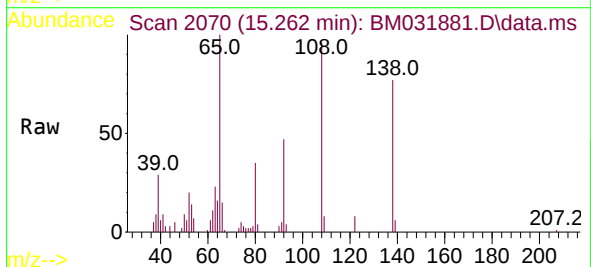
Instrument :
BNA_M
ClientSampleId :
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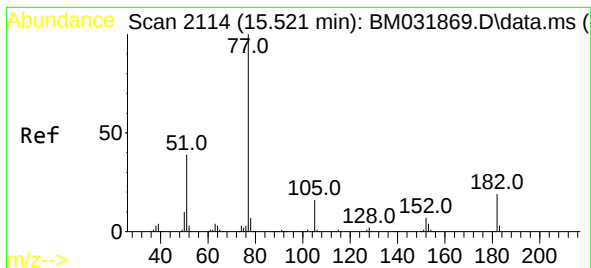
Tgt Ion:204 Resp: 38409
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 68.5 55.8 83.8



#62
4-Nitroaniline
Concen: 8.881 ng
RT: 15.262 min Scan# 2070
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:138 Resp: 15925
Ion Ratio Lower Upper
138 100
92 61.4 40.6 80.6
108 124.9 103.8 143.8

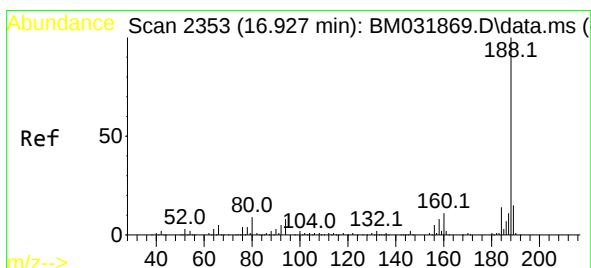
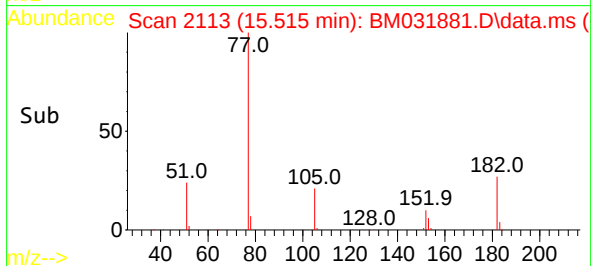
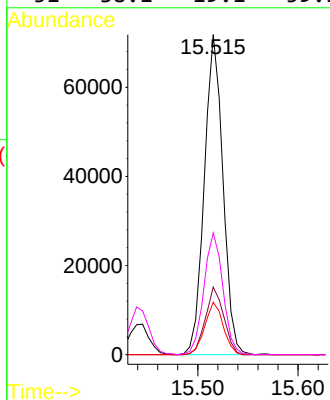
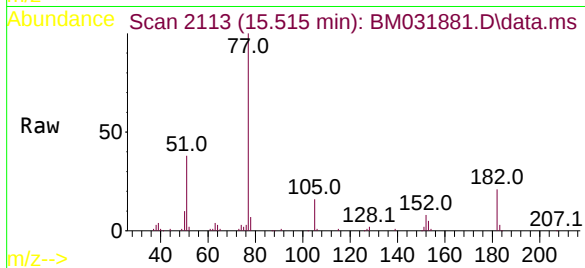




#63
Azobenzene
Concen: 8.387 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

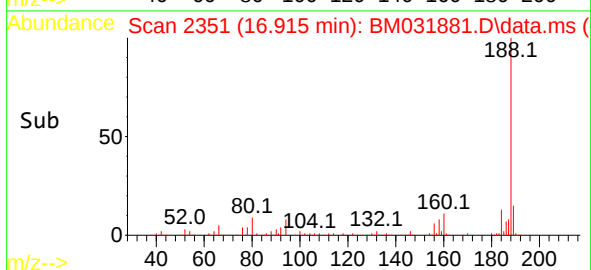
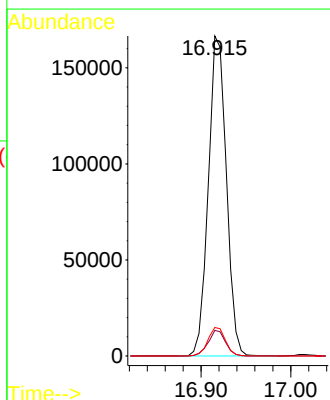
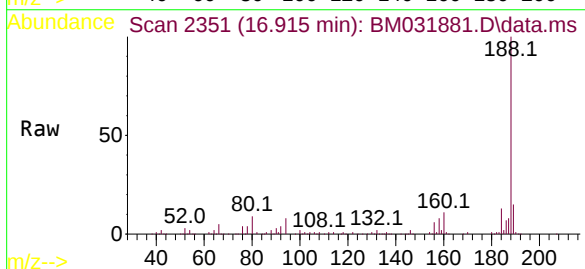
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

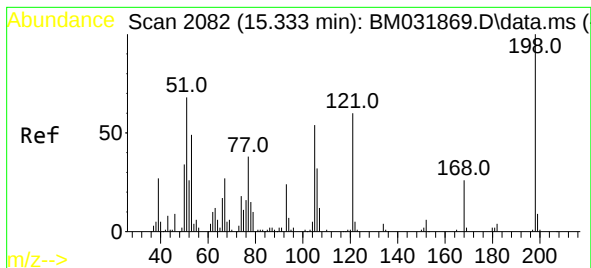
Tgt Ion: 77	Resp: 92926
Ion Ratio	Lower Upper
77 100	
182 21.1	0.0 39.3
105 16.4	0.0 36.1
51 38.1	19.1 59.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2351
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion: 188	Resp: 232607
Ion Ratio	Lower Upper
188 100	
94 8.0	6.3 9.5
80 8.9	7.3 10.9

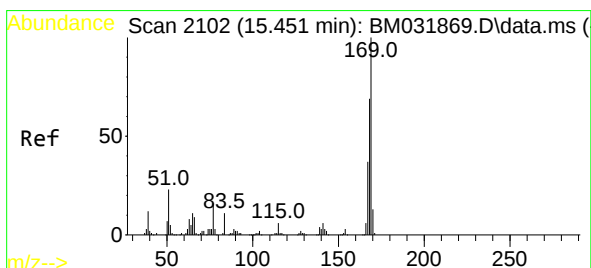
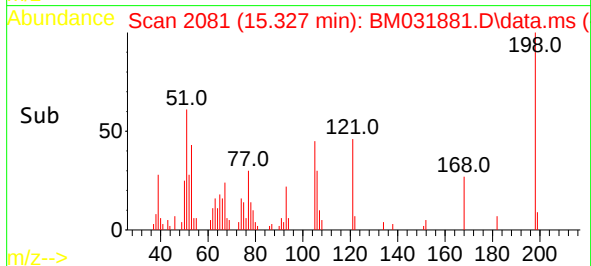
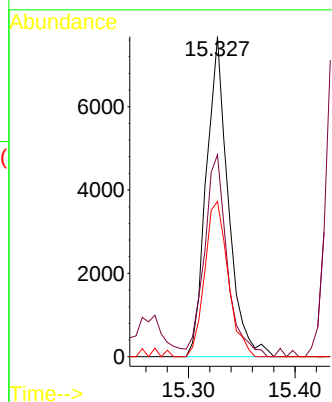
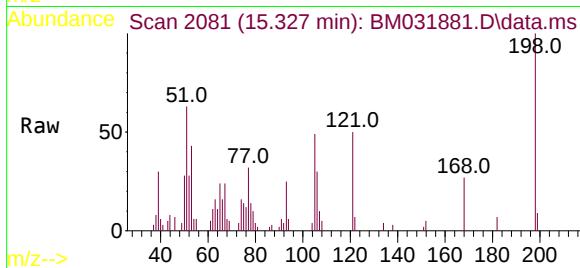




#65
4,6-Dinitro-2-methylphenol
Concen: 6.809 ng
RT: 15.327 min Scan# 2081
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

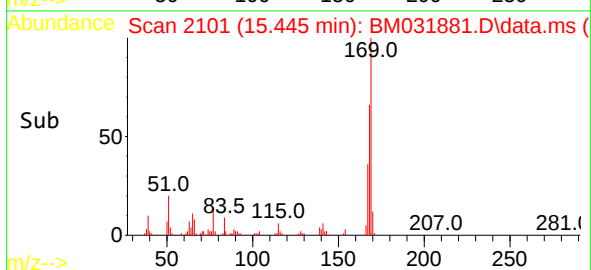
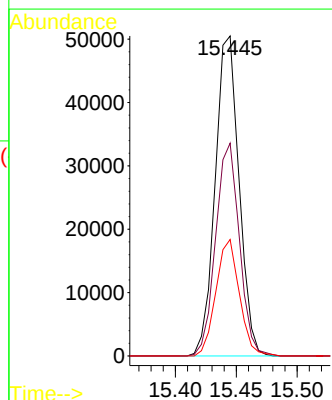
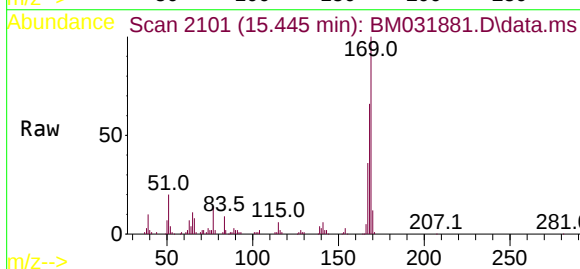
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

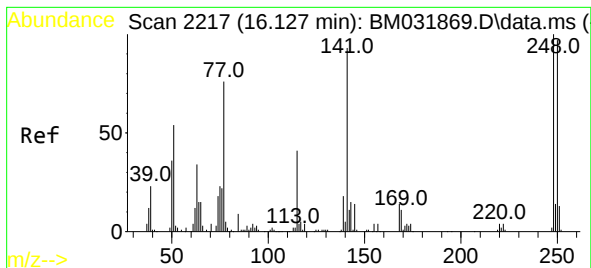
Tgt Ion:198 Resp: 11032
Ion Ratio Lower Upper
198 100
51 63.1 49.7 89.7
105 48.5 34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 8.777 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:169 Resp: 68936
Ion Ratio Lower Upper
169 100
168 66.5 55.0 82.4
167 36.4 29.8 44.8

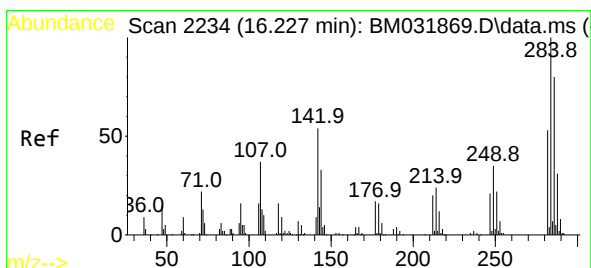
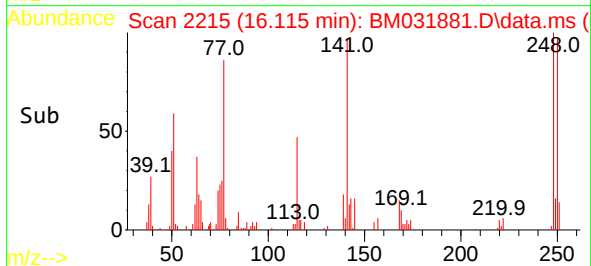
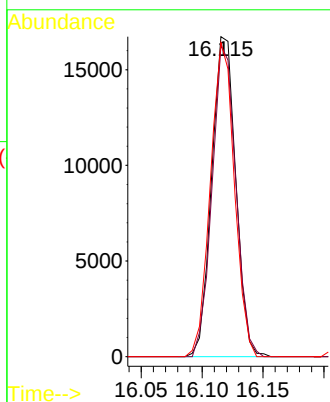
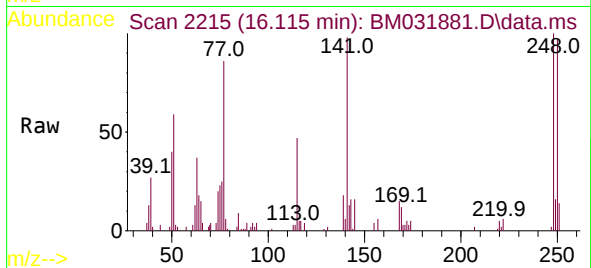




#67
4-Bromophenyl-phenylether
Concen: 9.111 ng
RT: 16.115 min Scan# 2215
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

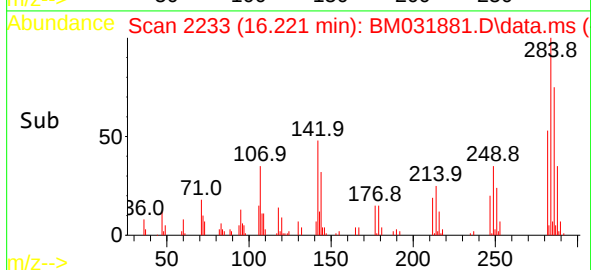
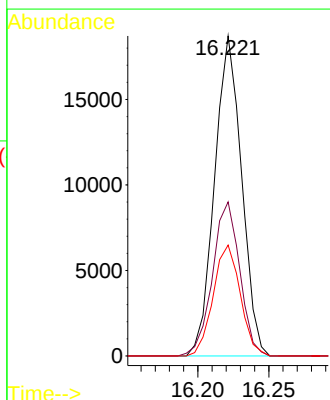
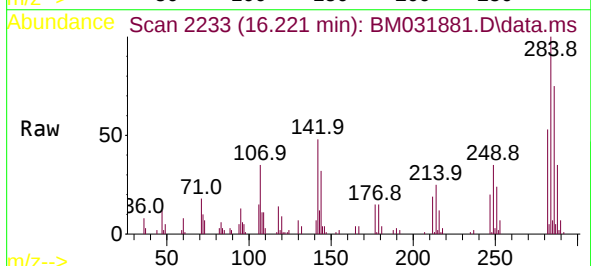
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

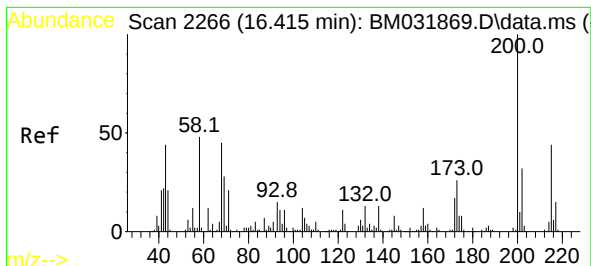
Tgt Ion:248 Resp: 23018
Ion Ratio Lower Upper
248 100
250 97.2 77.4 116.2
141 98.1 74.1 111.1



#68
Hexachlorobenzene
Concen: 9.249 ng
RT: 16.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:284 Resp: 24729
Ion Ratio Lower Upper
284 100
142 48.1 43.0 64.6
249 34.7 27.6 41.4





#69

Atrazine

Concen: 9.755 ng

RT: 16.409 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

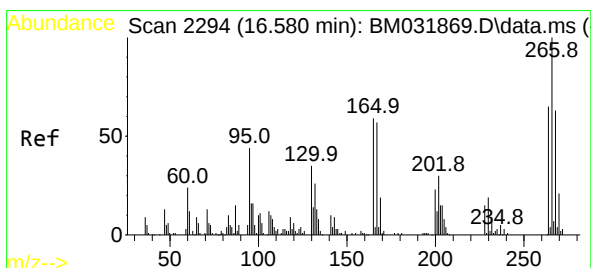
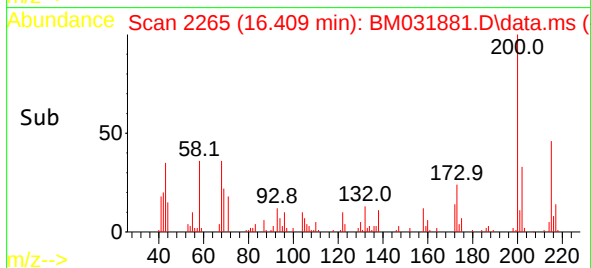
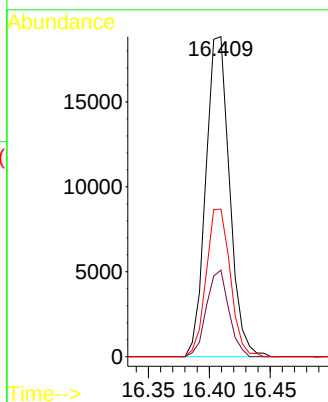
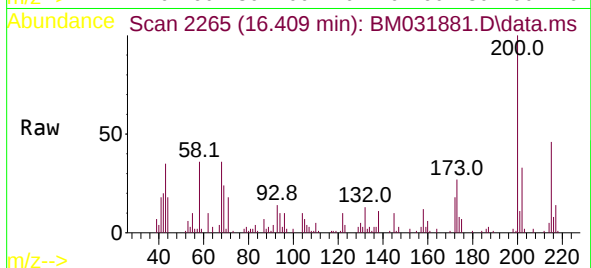
Tgt Ion:	200	Resp:	25611
Ion Ratio	Lower	Upper	
200	100		
173	27.1	5.8	45.8
215	46.1	23.6	63.6

Instrument :

BNA_M

ClientSampleId :

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#70

Pentachlorophenol

Concen: 8.281 ng

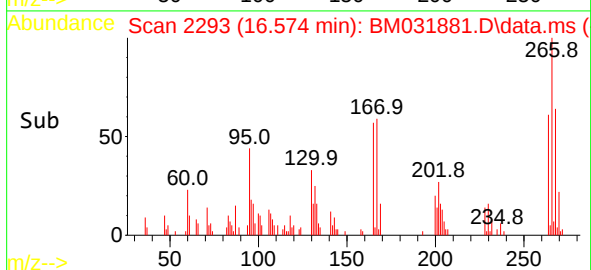
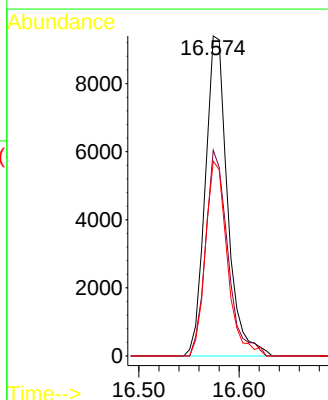
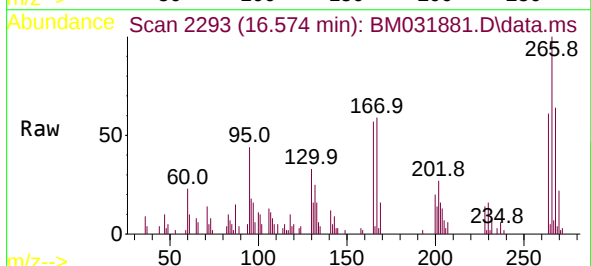
RT: 16.574 min Scan# 2293

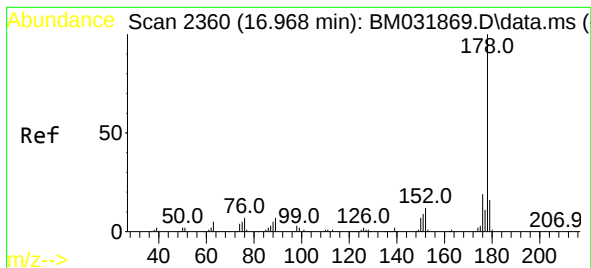
Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:	266	Resp:	14481
Ion Ratio	Lower	Upper	
266	100		
268	64.3	50.3	75.5
264	60.8	52.1	78.1

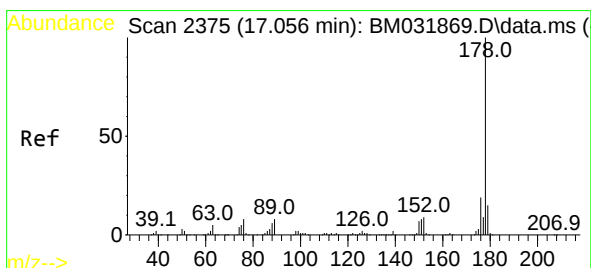
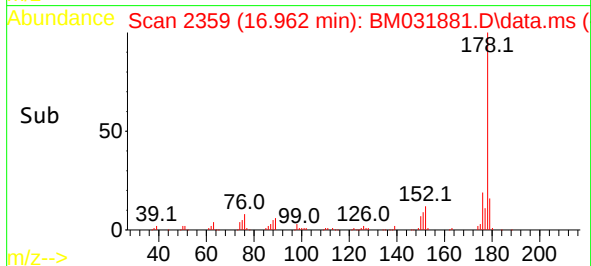
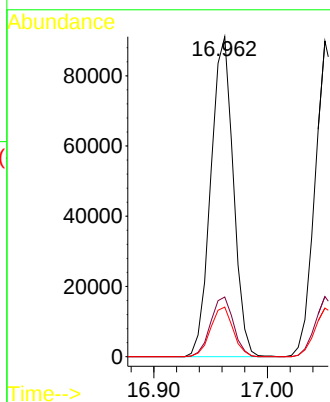
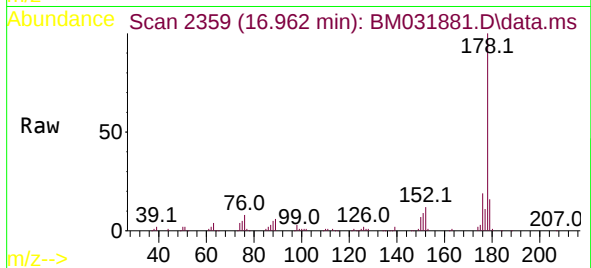




#71
Phenanthrene
Concen: 8.943 ng
RT: 16.962 min Scan# 2359
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

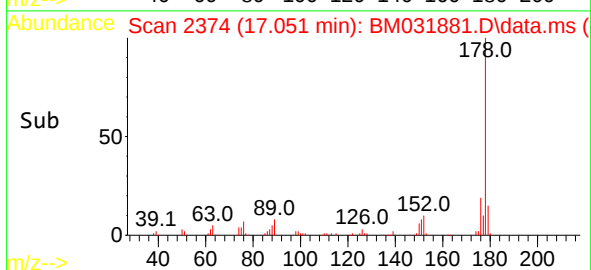
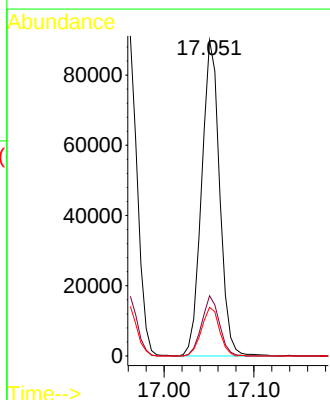
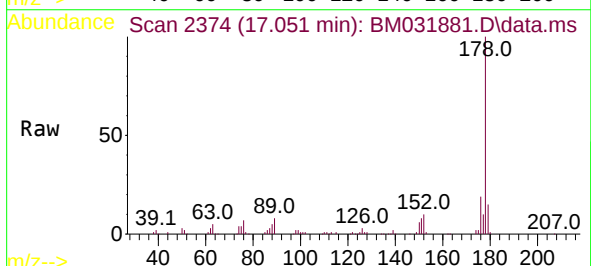
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

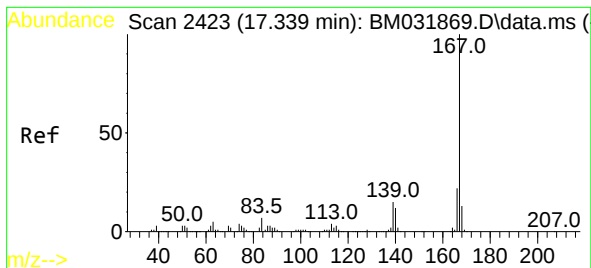
Tgt Ion:178 Resp: 125291
Ion Ratio Lower Upper
178 100
176 18.6 15.6 23.4
179 15.5 12.4 18.6



#72
Anthracene
Concen: 9.089 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:178 Resp: 125268
Ion Ratio Lower Upper
178 100
176 19.1 14.8 22.2
179 15.4 12.3 18.5





#73

Carbazole

Concen: 8.563 ng

RT: 17.333 min Scan# 2422

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

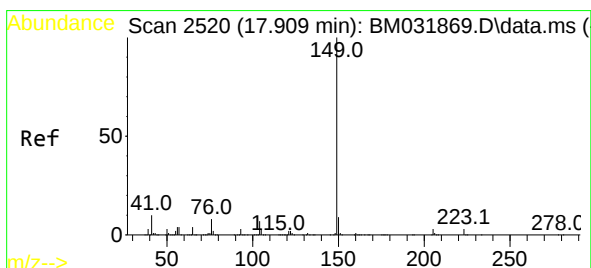
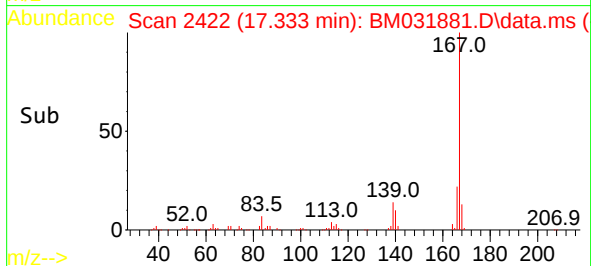
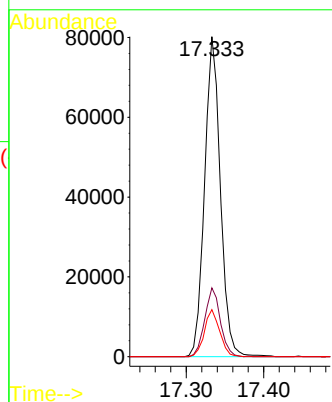
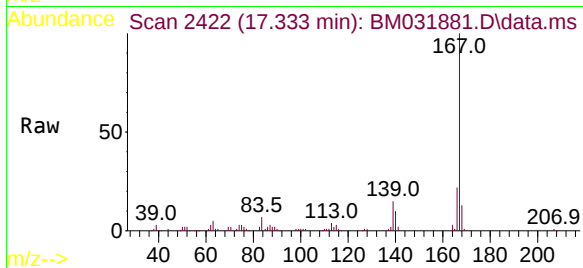
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion:167	Resp: 113514
Ion Ratio	Lower Upper
167	100
166	21.5 17.4 26.0
139	14.7 11.9 17.9



#74

Di-n-butylphthalate

Concen: 8.436 ng

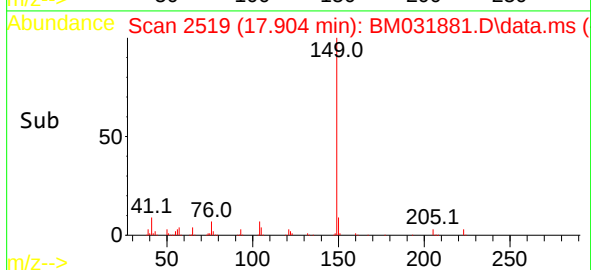
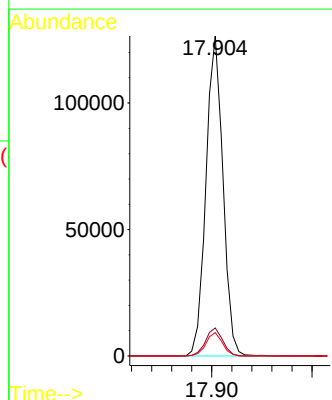
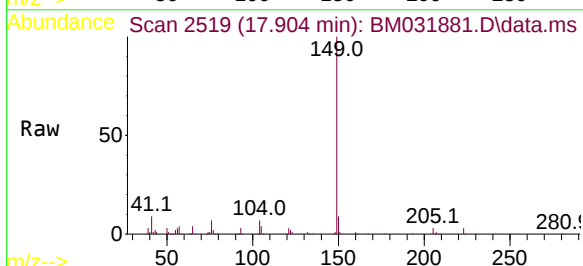
RT: 17.904 min Scan# 2519

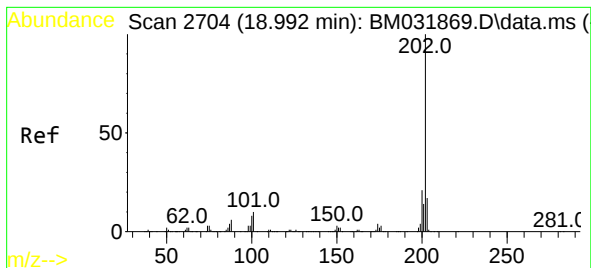
Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:149	Resp: 148973
Ion Ratio	Lower Upper
149	100
150	8.8 7.3 10.9
104	7.3 5.6 8.4

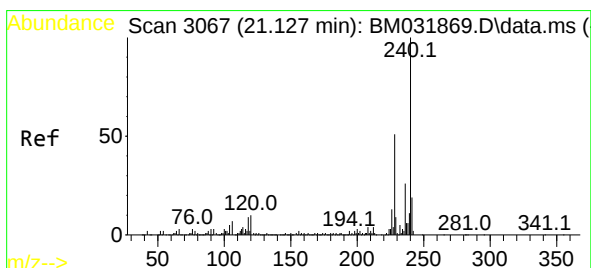
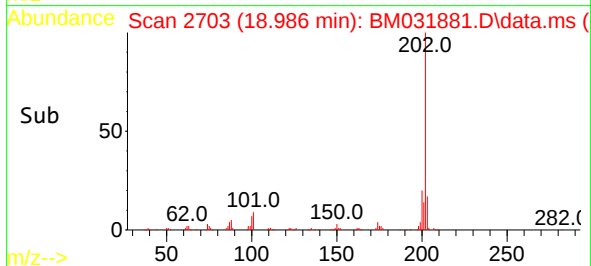
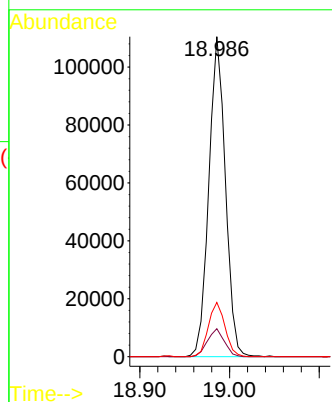
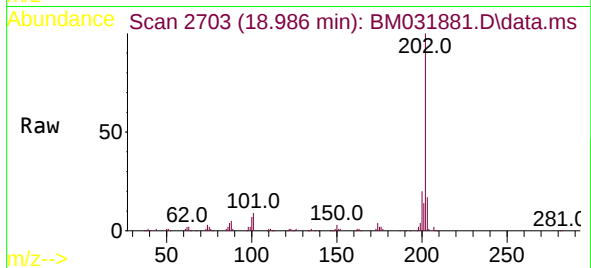




#75
Fluoranthene
Concen: 9.102 ng
RT: 18.986 min Scan# 2703
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

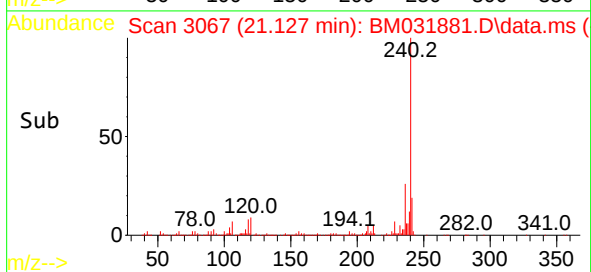
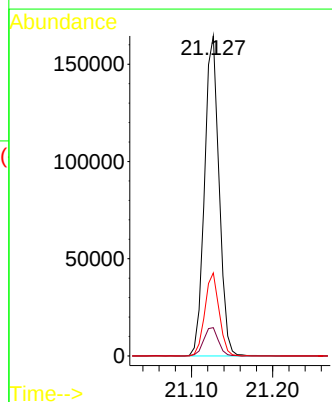
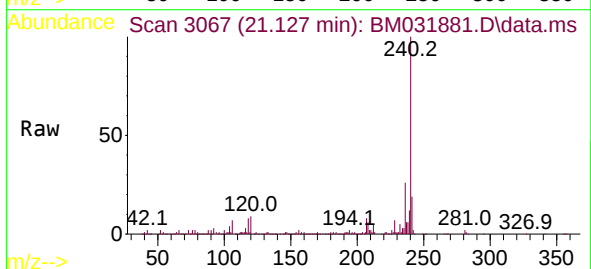
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

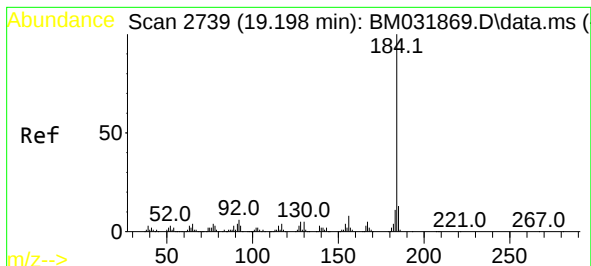
Tgt Ion:202 Resp: 141742
Ion Ratio Lower Upper
202 100
101 8.7 0.0 29.9
203 17.0 0.0 36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:240 Resp: 204075
Ion Ratio Lower Upper
240 100
120 8.9 7.8 11.6
236 25.9 20.9 31.3





#77

Benzidine

Concen: 15.007 ng

RT: 19.192 min Scan# 2738

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

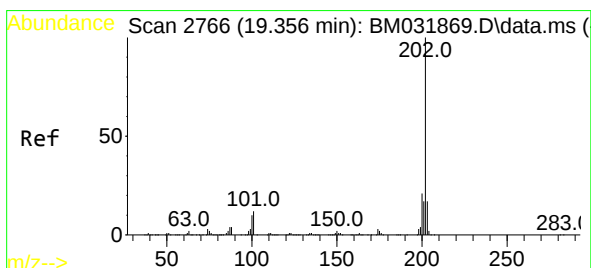
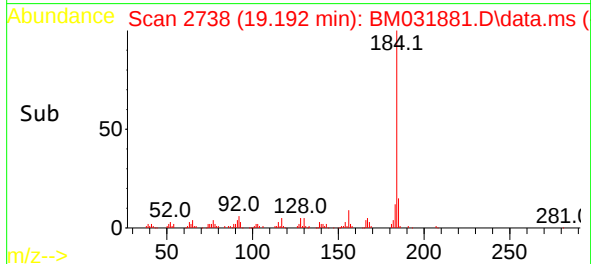
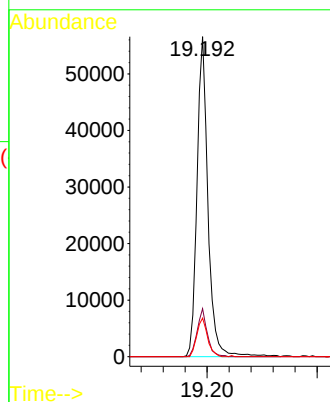
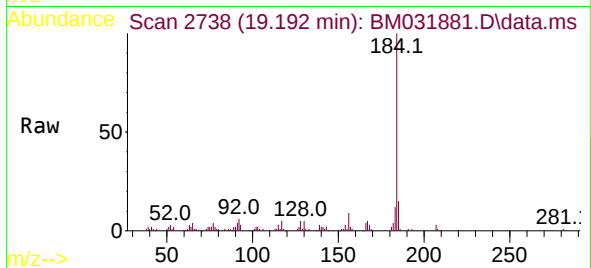
Tgt Ion:184	Resp:	78314
Ion Ratio	Lower	Upper
184	100	
185	15.0	10.6 16.0
183	12.1	9.0 13.4

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#78

Pyrene

Concen: 8.766 ng

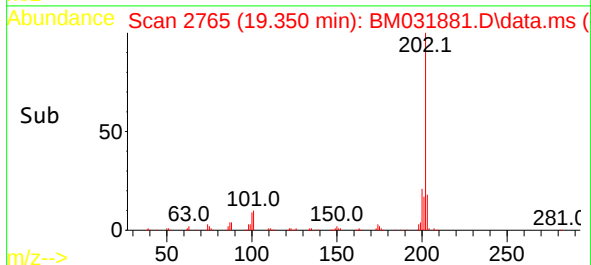
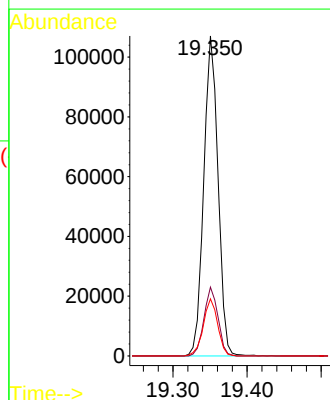
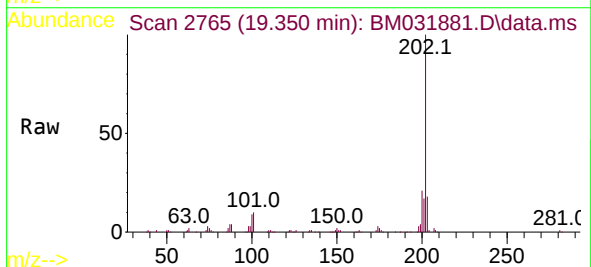
RT: 19.350 min Scan# 2765

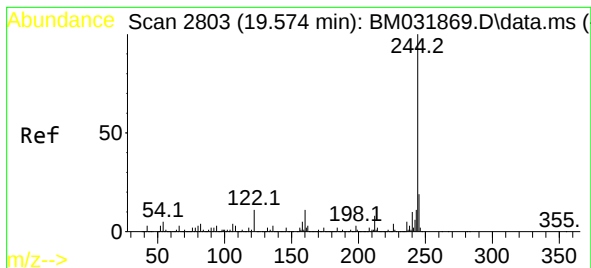
Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:202	Resp:	143346
Ion Ratio	Lower	Upper
202	100	
200	21.5	16.6 25.0
203	17.8	13.7 20.5





#79

Terphenyl-d14

Concen: 79.832 ng

RT: 19.568 min Scan# 2802

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

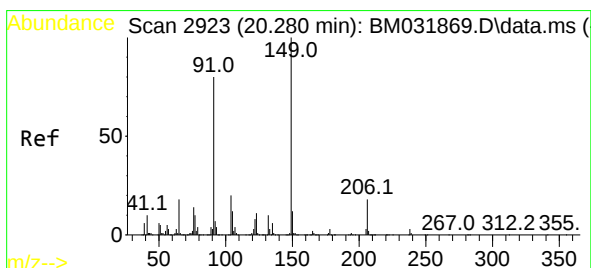
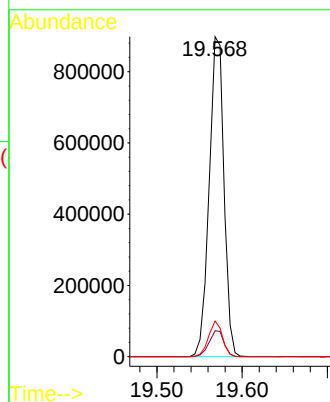
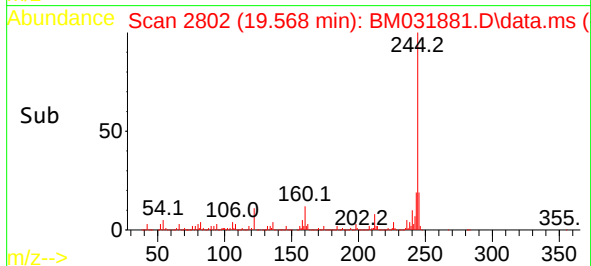
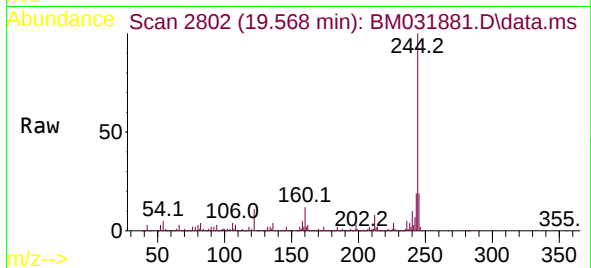
Tgt Ion:244 Resp: 1082904

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

122 11.2 8.7 13.1



#80

Butylbenzylphthalate

Concen: 8.119 ng

RT: 20.274 min Scan# 2922

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

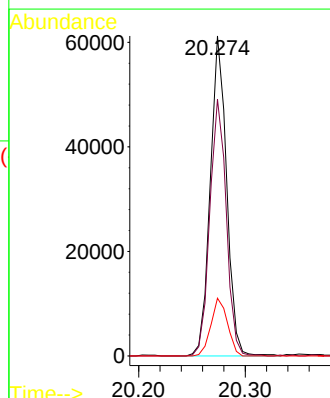
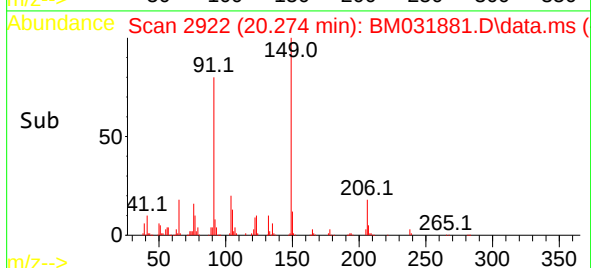
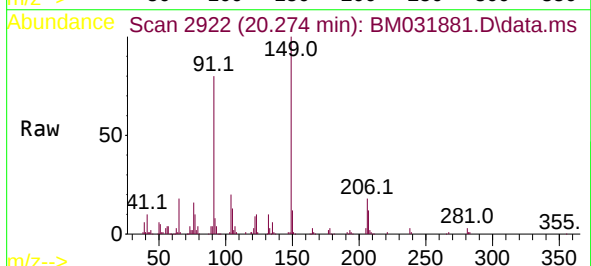
Tgt Ion:149 Resp: 65448

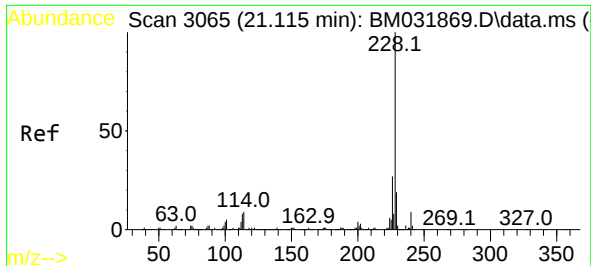
Ion Ratio Lower Upper

149 100

91 80.2 64.0 96.0

206 18.0 14.4 21.6

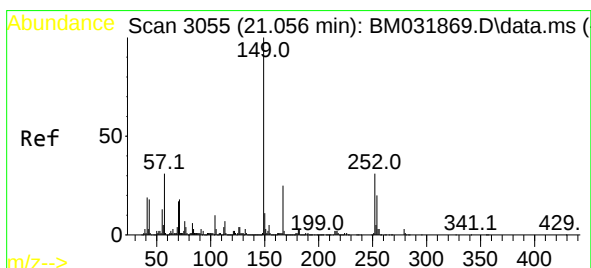
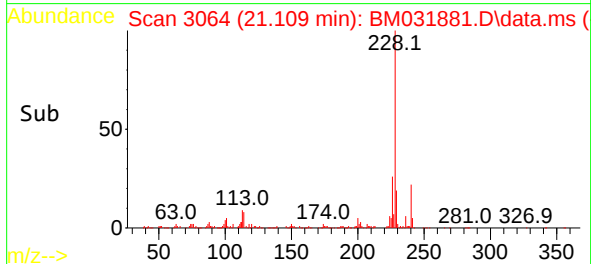
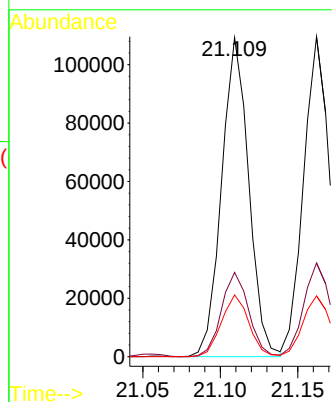
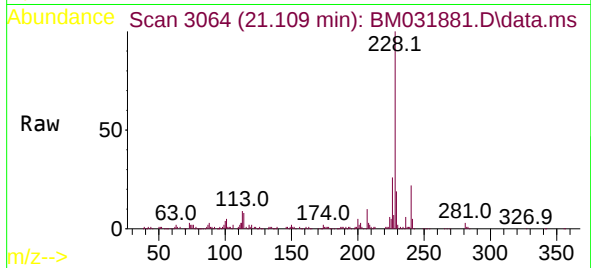




#81
Benzo(a)anthracene
Concen: 8.879 ng
RT: 21.109 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

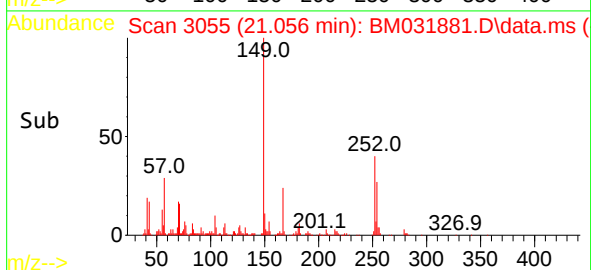
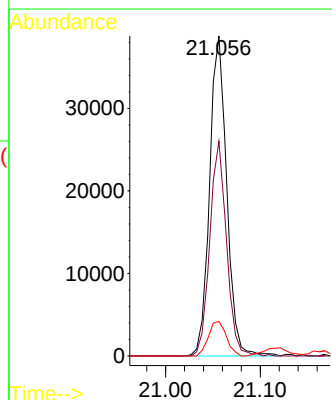
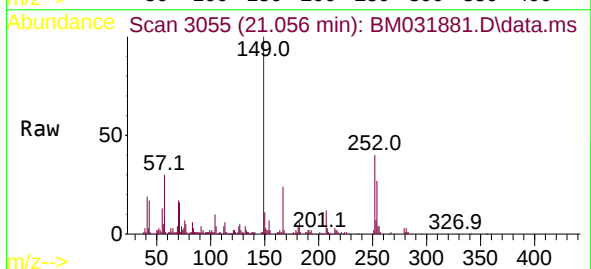
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

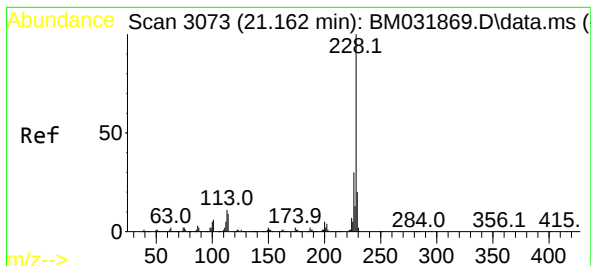
Tgt Ion:228 Resp: 132836
Ion Ratio Lower Upper
228 100
226 26.4 21.4 32.2
229 19.4 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 10.980 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:252 Resp: 48629
Ion Ratio Lower Upper
252 100
254 67.1 51.6 77.4
126 10.8 9.7 14.5





#83

Chrysene

Concen: 8.945 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

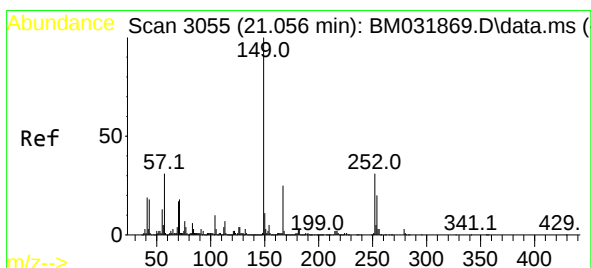
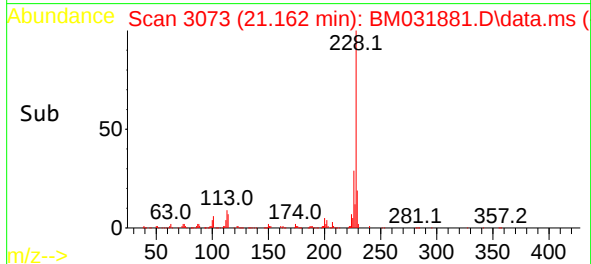
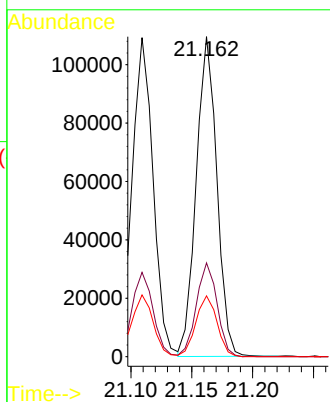
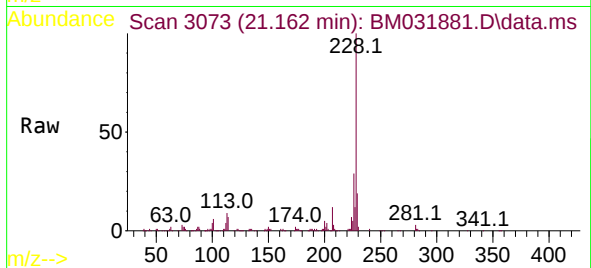
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion:	228	Resp:	128796
Ion Ratio	Lower	Upper	
228	100		
226	29.3	24.0	36.0
229	19.0	16.0	24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.809 ng

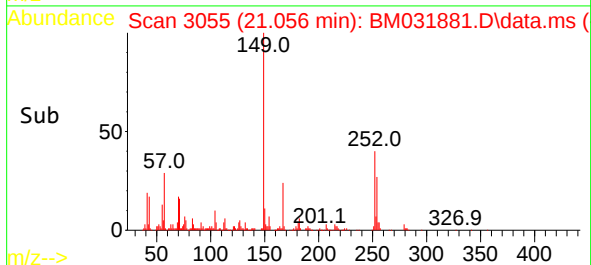
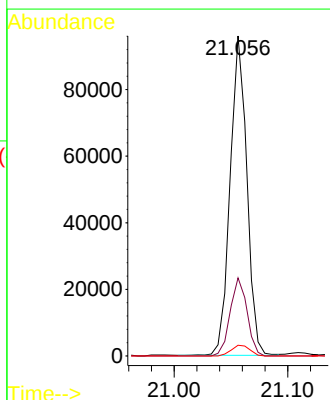
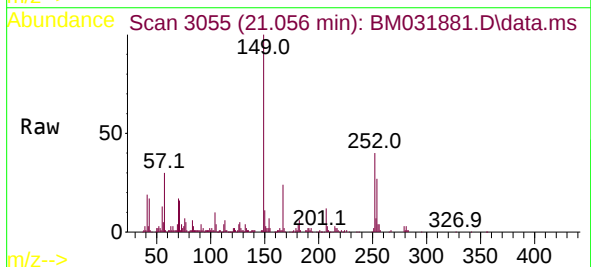
RT: 21.056 min Scan# 3055

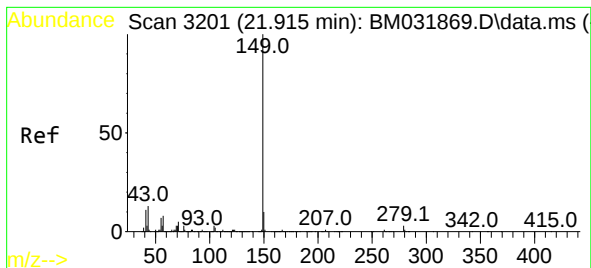
Delta R.T. 0.000 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:	149	Resp:	97963
Ion Ratio	Lower	Upper	
149	100		
167	24.4	19.7	29.5
279	3.4	2.6	4.0

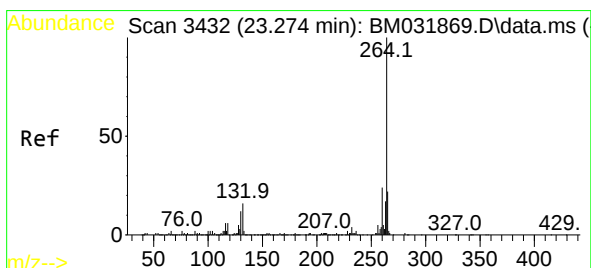
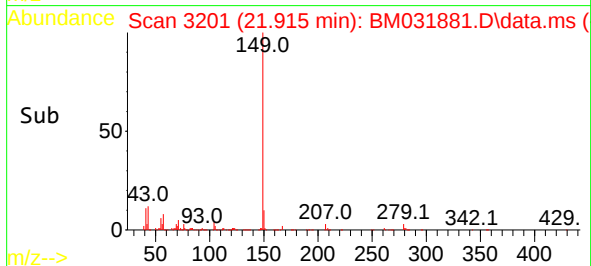
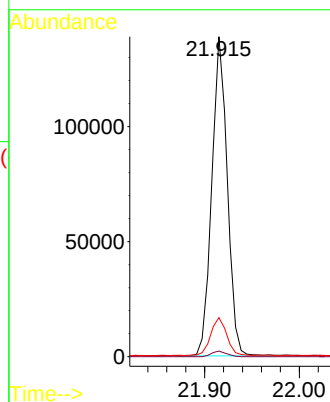
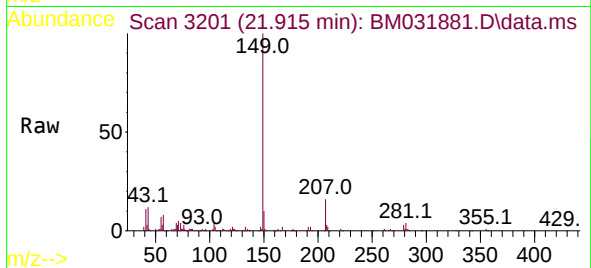




#85
Di-n-octyl phthalate
Concen: 7.828 ng
RT: 21.915 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

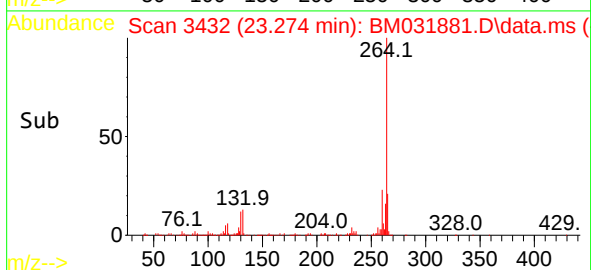
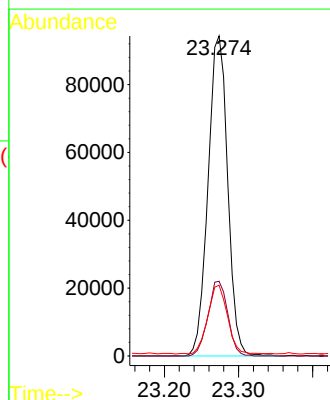
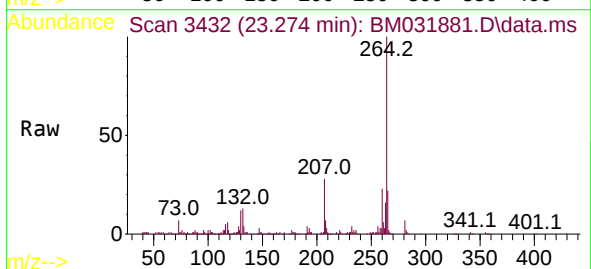
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

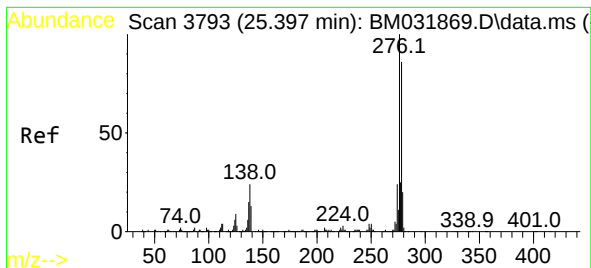
Tgt Ion:149 Resp: 157114
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 12.3 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. 0.000 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:264 Resp: 173412
Ion Ratio Lower Upper
264 100
260 23.4 19.3 28.9
265 22.1 18.3 27.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.943 ng

RT: 25.391 min Scan# 3792

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:276 Resp: 106930

Ion Ratio Lower Upper

276 100

138 21.0 18.4 27.6

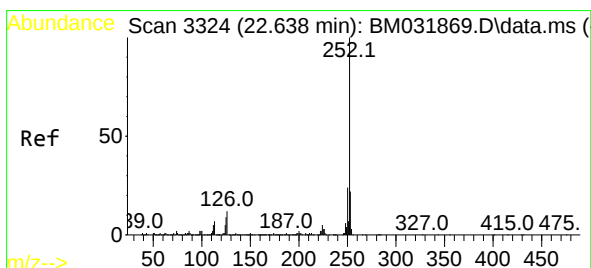
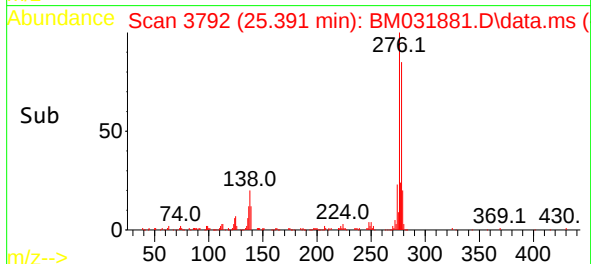
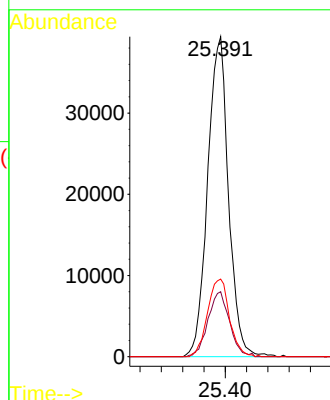
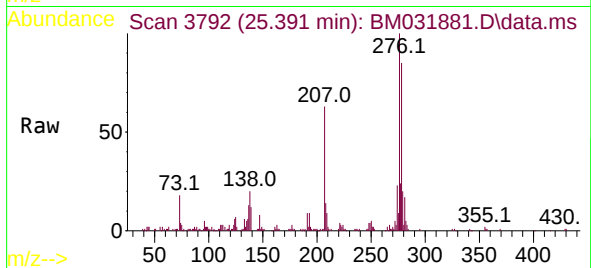
277 25.5 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#88

Benzo(b)fluoranthene

Concen: 9.249 ng

RT: 22.633 min Scan# 3323

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

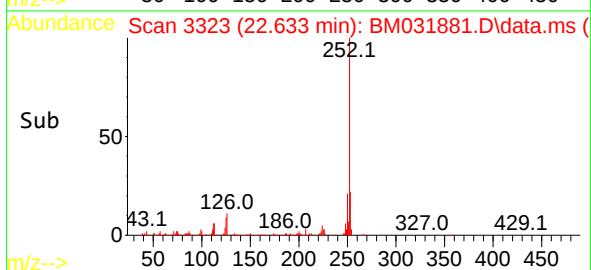
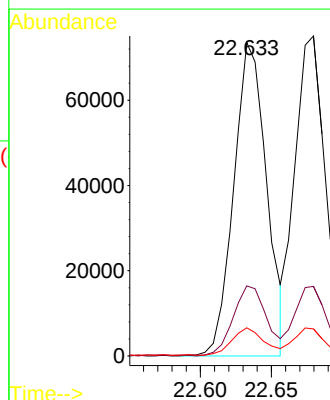
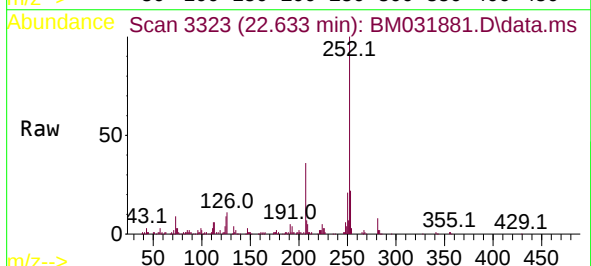
Tgt Ion:252 Resp: 118137

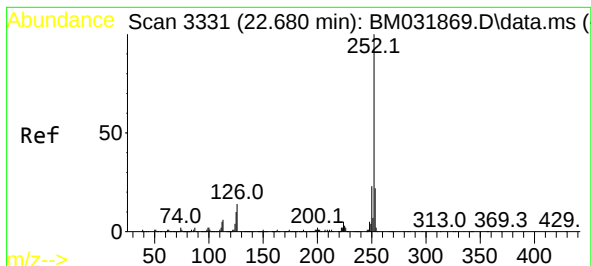
Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

125 9.0 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 9.181 ng

RT: 22.680 min Scan# 3331

Delta R.T. 0.000 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

Tgt Ion:252 Resp: 112856

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

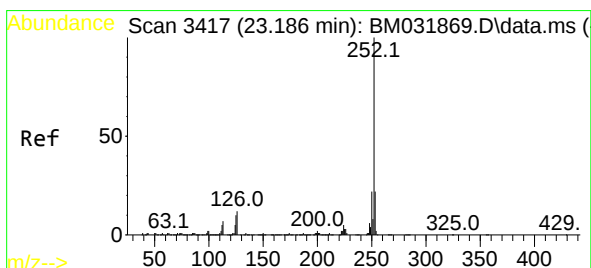
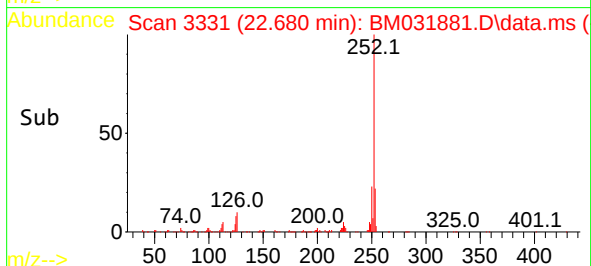
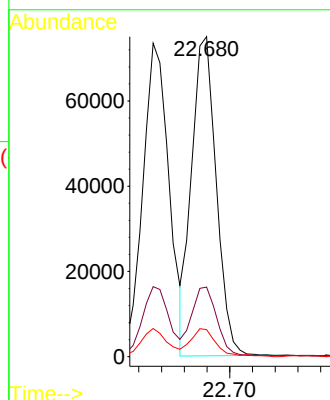
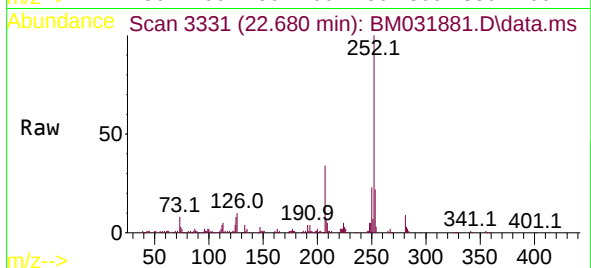
125 8.5 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#90

Benzo(a)pyrene

Concen: 9.446 ng

RT: 23.180 min Scan# 3416

Delta R.T. -0.006 min

Lab File: BM031881.D

Acq: 24 Aug 2021 12:33

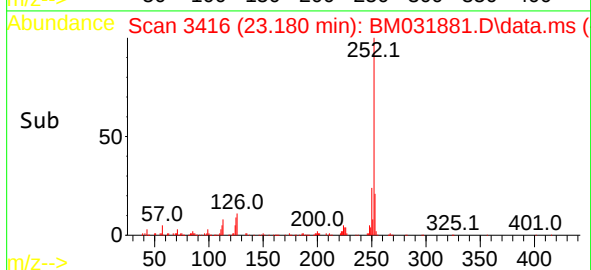
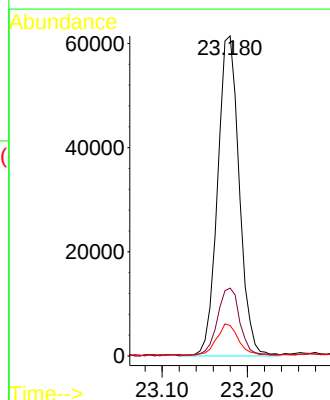
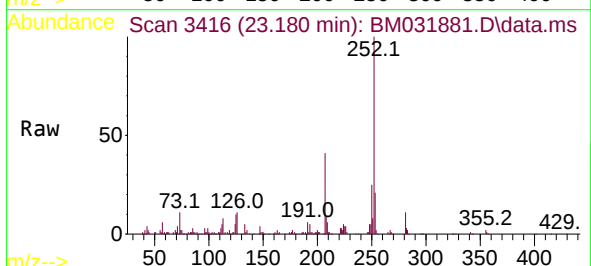
Tgt Ion:252 Resp: 108315

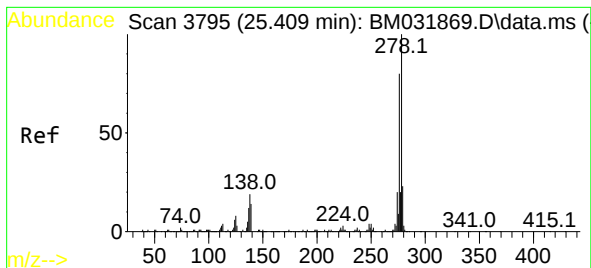
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.2

125 9.5 8.1 12.1

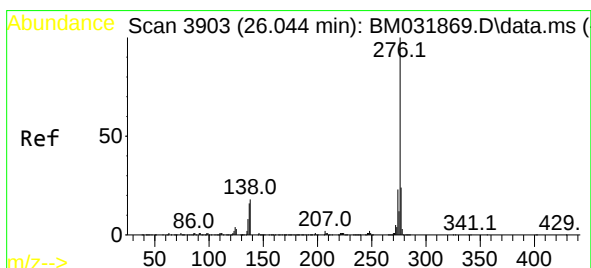
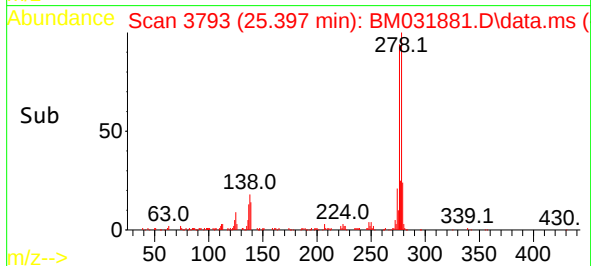
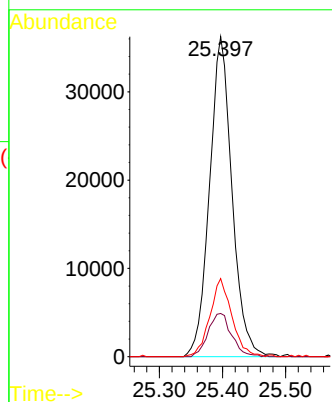
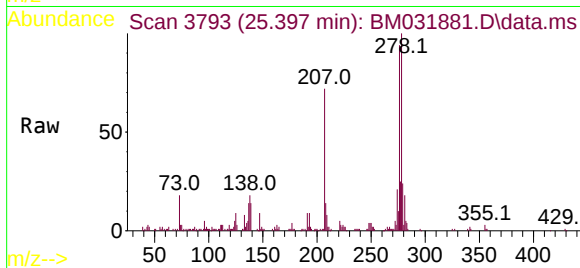




#91
Dibenzo(a,h)anthracene
Concen: 7.628 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Tgt Ion:278 Resp: 89657
Ion Ratio Lower Upper
278 100
139 13.5 10.9 16.3
279 24.4 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 7.852 ng
RT: 26.032 min Scan# 3901
Delta R.T. -0.012 min
Lab File: BM031881.D
Acq: 24 Aug 2021 12:33

Tgt Ion:276 Resp: 85894
Ion Ratio Lower Upper
276 100
277 22.9 19.4 29.0
138 14.5 14.6 22.0#

