

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031880.D
 Acq On : 24 Aug 2021 11:41
 Operator : CG/JU
 Sample : M2262-02
 Misc : LOQ--SOIL 5ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Aug 24 12:10:23 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	34578	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	147733	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	100387	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	218793	20.000	ng	0.00
76) Chrysene-d12	21.127	240	199286	20.000	ng	0.00
86) Perylene-d12	23.268	264	178688	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	213183	90.697	ng	0.00
7) Phenol-d6	6.722	99	298860	94.663	ng	0.00
23) Nitrobenzene-d5	8.675	82	337760	93.099	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	125709	113.643	ng	0.00
45) 2-Fluorobiphenyl	12.780	172	810245	103.848	ng	0.00
79) Terphenyl-d14	19.574	244	1382100	104.338	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.175	88	3580	4.690	ng	# 74
3) Pyridine	3.569	79	7837	3.406	ng	# 74
4) n-Nitrosodimethylamine	3.481	42	5703	5.679	ng	# 50
6) Aniline	6.875	93	16986	5.055	ng	97
8) 2-Chlorophenol	7.098	128	10664	4.231	ng	97
9) Benzaldehyde	6.693	77	11998	5.749	ng	96
10) Phenol	6.745	94	13179	4.178	ng	95
11) bis(2-Chloroethyl)ether	6.969	93	10447	4.378	ng	96
12) 1,3-Dichlorobenzene	7.410	146	12313	4.515	ng	96
13) 1,4-Dichlorobenzene	7.557	146	12756	4.606	ng	97
14) 1,2-Dichlorobenzene	7.863	146	12038	4.463	ng	99
15) Benzyl Alcohol	7.775	79	10295	3.968	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.057	45	13841	3.882	ng	94
17) 2-Methylphenol	7.975	107	9254	4.358	ng	95
18) Hexachloroethane	8.575	117	5304	4.497	ng	94
19) n-Nitroso-di-n-propyla...	8.334	70	9100	3.829	ng	# 93
20) 3+4-Methylphenols	8.304	107	12110	4.090	ng	97
22) Acetophenone	8.345	105	19544	4.537	ng	# 99
24) Nitrobenzene	8.716	77	15252	4.104	ng	98
25) Isophorone	9.239	82	25732	3.953	ng	98
26) 2-Nitrophenol	9.416	139	5495	3.918	ng	96
27) 2,4-Dimethylphenol	9.486	122	10834	5.018	ng	95
28) bis(2-Chloroethoxy)met...	9.722	93	14374	4.543	ng	94
29) 2,4-Dichlorophenol	9.957	162	10160	4.153	ng	91
30) 1,2,4-Trichlorobenzene	10.151	180	12417	4.780	ng	92
31) Naphthalene	10.333	128	37851	4.468	ng	99
32) Benzoic acid	9.581	122	3970	2.170	ng	# 88
33) 4-Chloroaniline	10.469	127	15587	4.634	ng	# 91
34) Hexachlorobutadiene	10.610	225	7844	4.831	ng	95
35) Caprolactam	11.257	113	2960	3.823	ng	94
36) 4-Chloro-3-methylphenol	11.592	107	12560	4.324	ng	96
37) 2-Methylnaphthalene	11.951	142	28144	4.608	ng	96
38) 1-Methylnaphthalene	12.175	142	26580	4.623	ng	98
40) 1,2,4,5-Tetrachloroben...	12.327	216	13873	4.809	ng	97
41) Hexachlorocyclopentadiene	12.298	237	5528	3.951	ng	98
43) 2,4,6-Trichlorophenol	12.663	196	9514	4.467	ng	92

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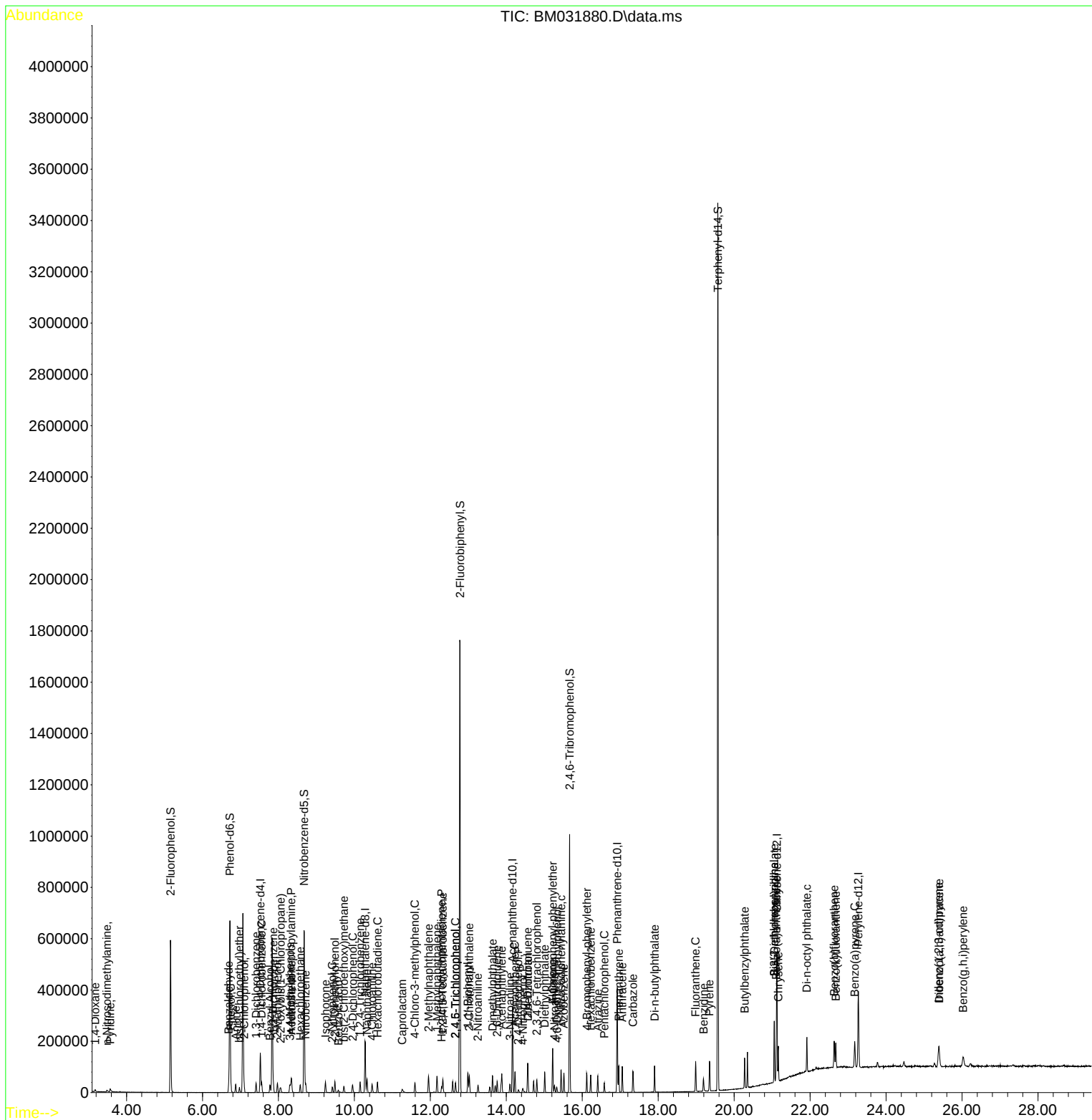
Instrument :
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 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

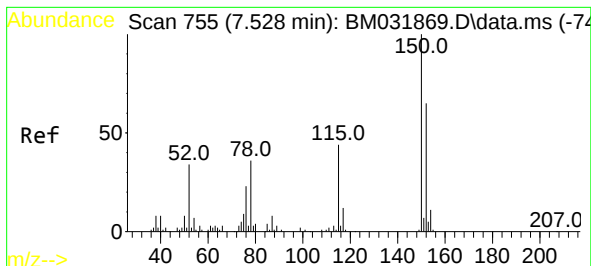
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	9514	4.188	ng	88
46) 1,1'-Biphenyl	12.986	154	37110	4.583	ng	97
47) 2-Chloronaphthalene	13.027	162	27865	4.431	ng	98
48) 2-Nitroaniline	13.251	65	7612	3.479	ng	94
49) Acenaphthylene	13.880	152	44418	4.354	ng	97
50) Dimethylphthalate	13.639	163	37276	4.571	ng	99
51) 2,6-Dinitrotoluene	13.757	165	6683	3.756	ng	98
52) Acenaphthene	14.227	154	26820	4.371	ng	96
53) 3-Nitroaniline	14.098	138	6752	3.877	ng #	88
54) 2,4-Dinitrophenol	14.316	184	2311	2.326	ng	91
55) Dibenzofuran	14.568	168	43800	4.311	ng	98
56) 4-Nitrophenol	14.439	139	4635	3.232	ng #	86
57) 2,4-Dinitrotoluene	14.563	165	9300	3.755	ng	92
58) Fluorene	15.221	166	35259	4.236	ng	95
59) 2,3,4,6-Tetrachlorophenol	14.804	232	8365	4.301	ng #	95
60) Diethylphthalate	15.010	149	39535	4.452	ng	98
61) 4-Chlorophenyl-phenyle...	15.221	204	17528	4.395	ng	99
62) 4-Nitroaniline	15.268	138	6143	3.708	ng	88
63) Azobenzene	15.515	77	40161	3.923	ng	97
65) 4,6-Dinitro-2-methylph...	15.333	198	4248	2.787	ng	94
66) n-Nitrosodiphenylamine	15.445	169	29394	3.979	ng	98
67) 4-Bromophenyl-phenylether	16.121	248	10288	4.329	ng	93
68) Hexachlorobenzene	16.221	284	10941	4.351	ng	91
69) Atrazine	16.410	200	11232	4.548	ng	97
70) Pentachlorophenol	16.580	266	6117	3.719	ng	96
71) Phenanthrene	16.962	178	57203	4.341	ng	99
72) Anthracene	17.051	178	57302	4.420	ng	99
73) Carbazole	17.333	167	51184	4.105	ng	97
74) Di-n-butylphthalate	17.904	149	65096	3.919	ng	99
75) Fluoranthene	18.986	202	63647	4.345	ng	99
77) Benzidine	19.192	184	29681	5.824	ng	97
78) Pyrene	19.351	202	64903	4.064	ng	98
80) Butylbenzylphthalate	20.274	149	29639	3.765	ng	98
81) Benzo(a)anthracene	21.109	228	62576	4.283	ng	99
82) 3,3'-Dichlorobenzidine	21.056	252	21553	4.983	ng	97
83) Chrysene	21.162	228	60728	4.319	ng	98
84) Bis(2-ethylhexyl)phtha...	21.056	149	44374	3.622	ng	99
85) Di-n-octyl phthalate	21.915	149	76252	3.891	ng	99
87) Indeno(1,2,3-cd)pyrene	25.385	276	52487	3.784	ng	97
88) Benzo(b)fluoranthene	22.633	252	58140	4.418	ng	99
89) Benzo(k)fluoranthene	22.680	252	54472	4.301	ng	98
90) Benzo(a)pyrene	23.174	252	53965	4.567	ng	99
91) Dibenzo(a,h)anthracene	25.397	278	44729	3.693	ng	98
92) Benzo(g,h,i)perylene	26.027	276	42732	3.791	ng	98

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

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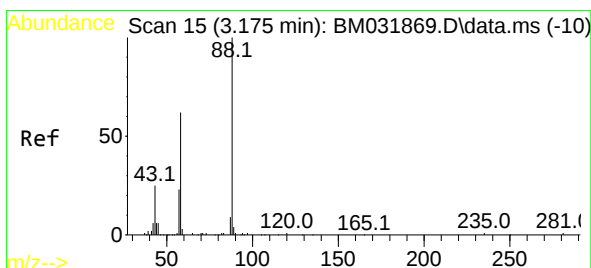
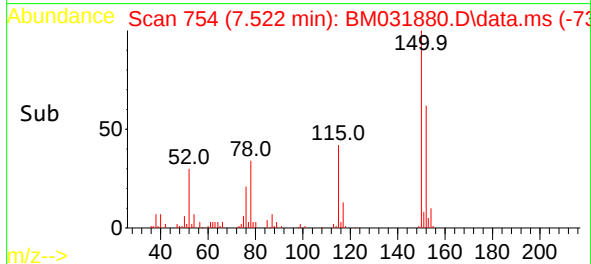
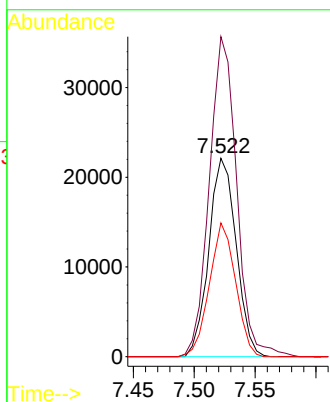
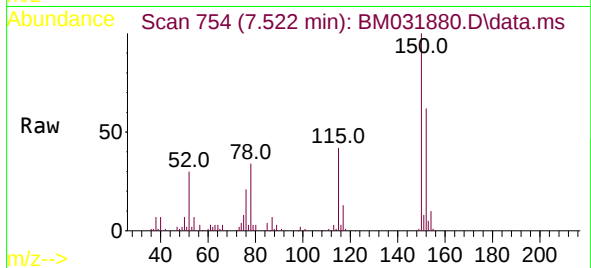




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

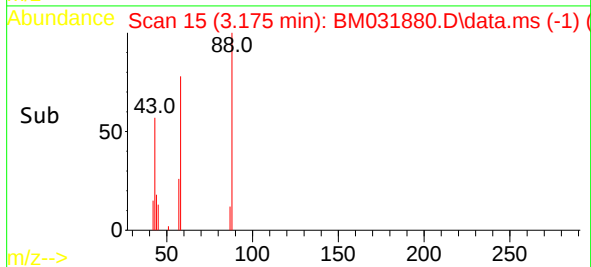
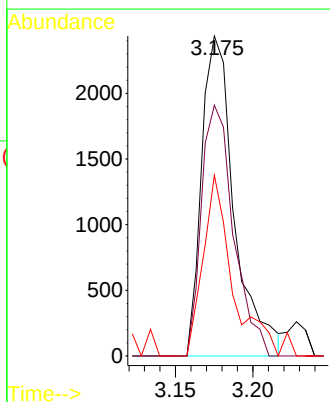
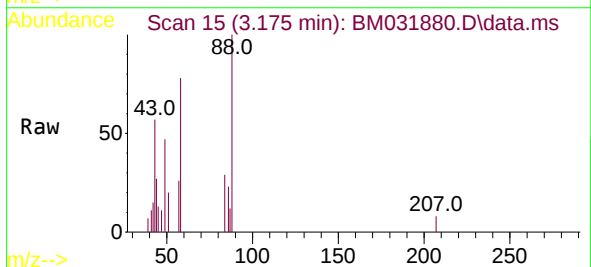
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

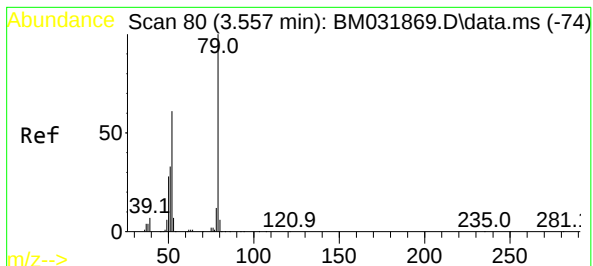
Tgt Ion:152 Resp: 34578
Ion Ratio Lower Upper
152 100
150 161.3 122.4 183.6
115 67.4 53.8 80.8



#2
1,4-Dioxane
Concen: 4.690 ng
RT: 3.175 min Scan# 15
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 88 Resp: 3580
Ion Ratio Lower Upper
88 100
58 76.8 50.4 75.6#
43 51.9 22.2 33.2#





#3

Pyridine

Concen: 3.406 ng

RT: 3.569 min Scan# 82

Delta R.T. 0.012 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

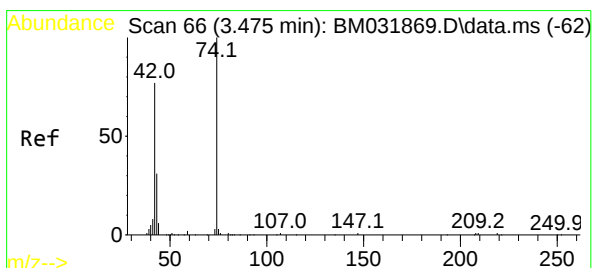
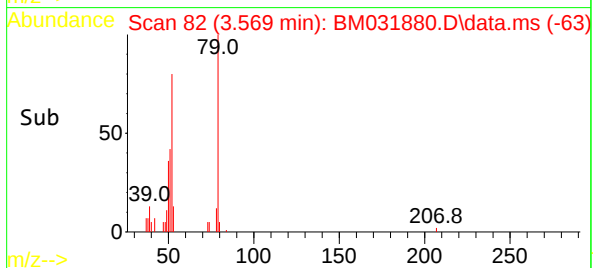
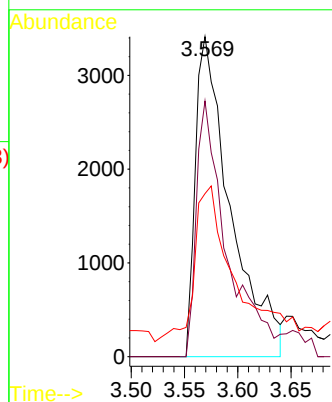
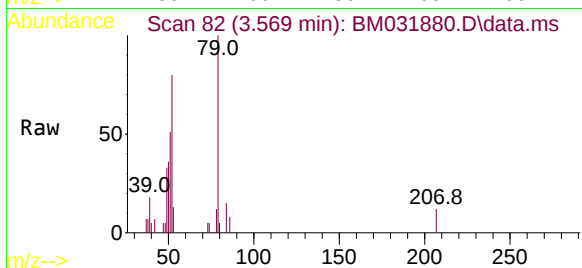
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion: 79	Resp: 7837
Ion Ratio	Lower Upper
79	100
52	79.9 48.6 73.0#
51	51.0 27.4 41.2#



#4

n-Nitrosodimethylamine

Concen: 5.679 ng

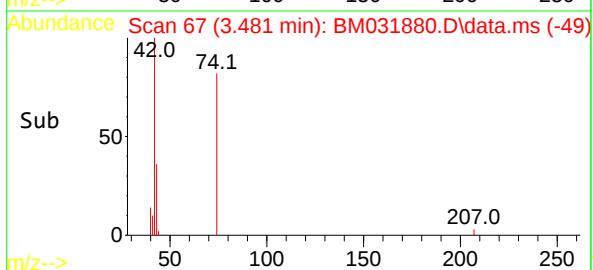
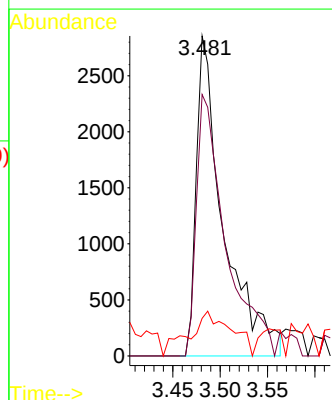
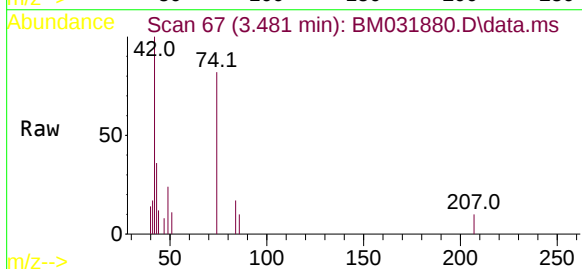
RT: 3.481 min Scan# 67

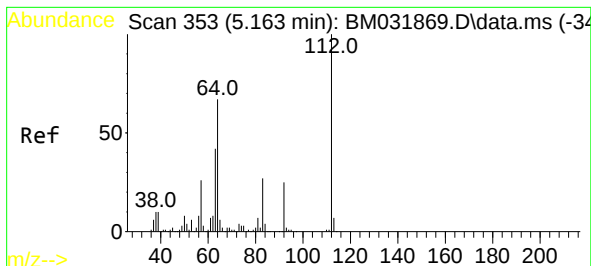
Delta R.T. 0.006 min

Lab File: BM031880.D

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Tgt Ion: 42	Resp: 5703
Ion Ratio	Lower Upper
42	100
74	81.7 99.5 149.3#
44	11.7 57.3 85.9#

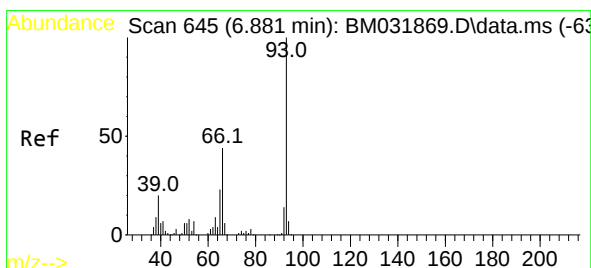
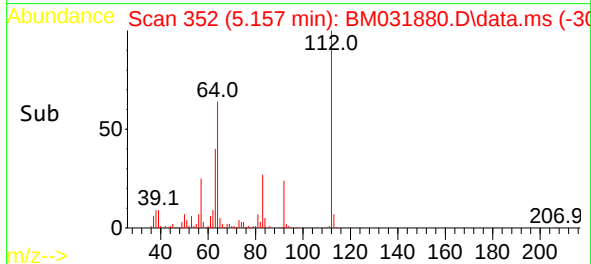
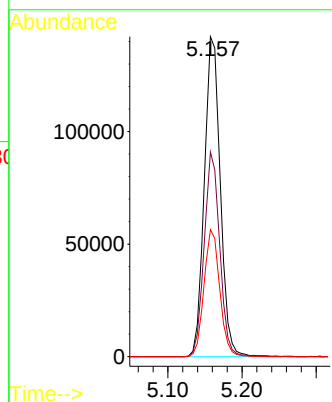
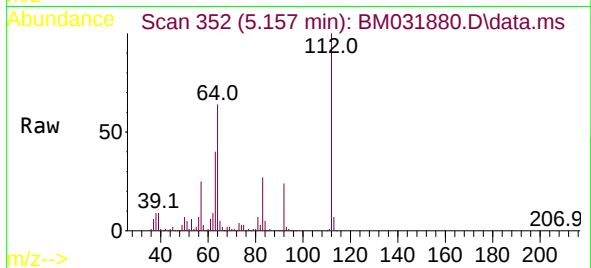




#5
2-Fluorophenol
Concen: 90.697 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

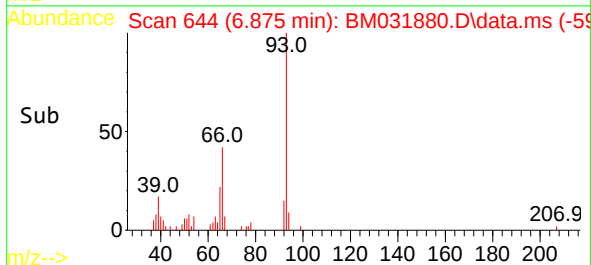
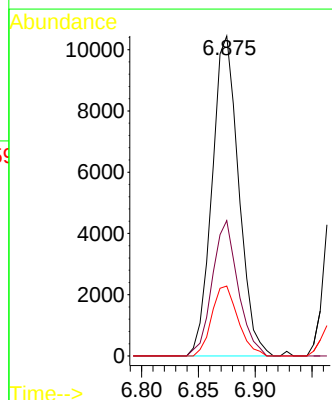
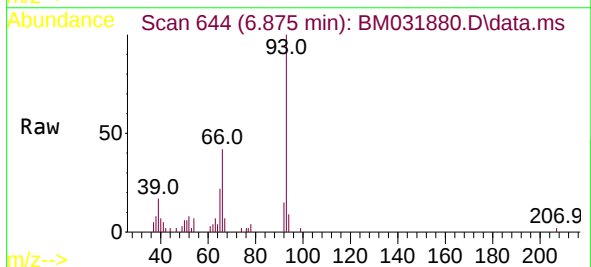
Instrument :
BNA_M
ClientSampleId :
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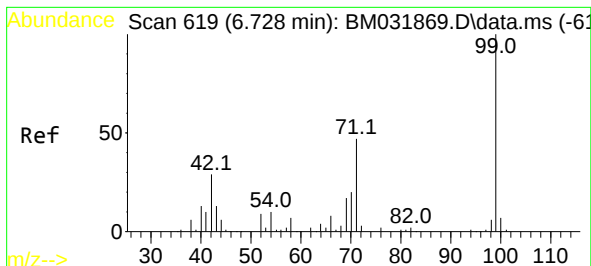
Tgt Ion:112 Resp: 213183
Ion Ratio Lower Upper
112 100
64 63.9 53.7 80.5
63 39.7 33.9 50.9



#6
Aniline
Concen: 5.055 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 93 Resp: 16986
Ion Ratio Lower Upper
93 100
66 42.3 35.3 52.9
65 21.9 18.7 28.1





#7

Phenol-d6

Concen: 94.663 ng

RT: 6.722 min Scan# 618

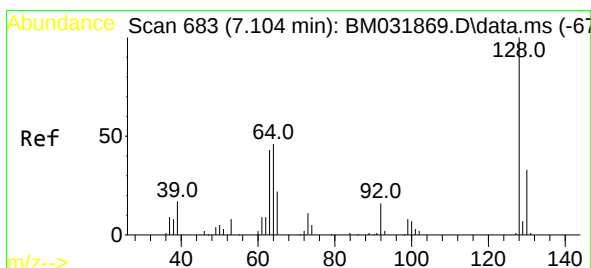
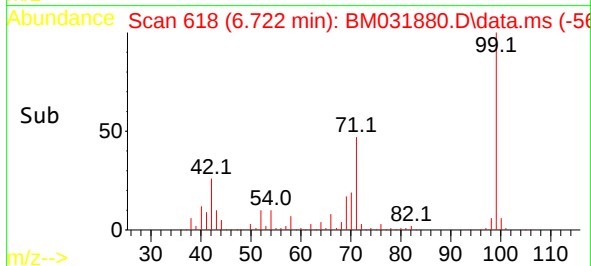
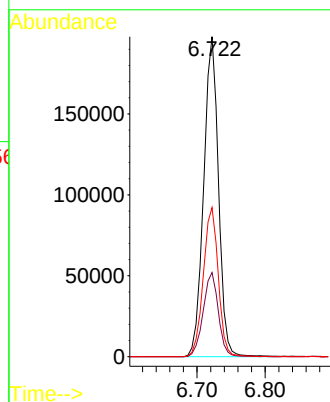
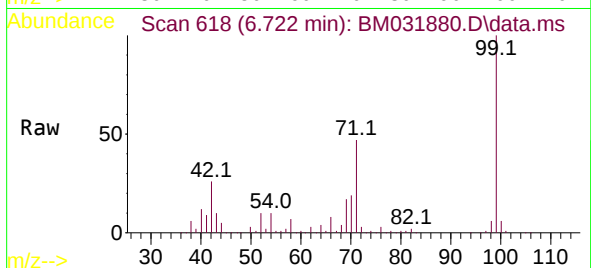
Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion: 99 Resp: 298860

Ion	Ratio	Lower	Upper
99	100		
42	26.3	23.0	34.6
71	46.6	37.8	56.8



#8

2-Chlorophenol

Concen: 4.231 ng

RT: 7.098 min Scan# 682

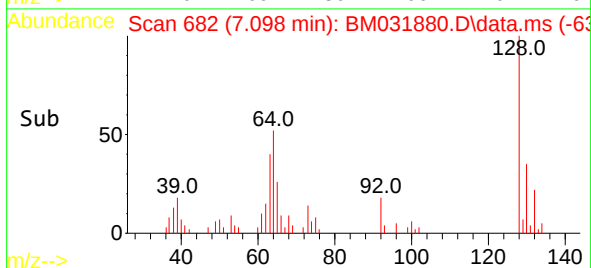
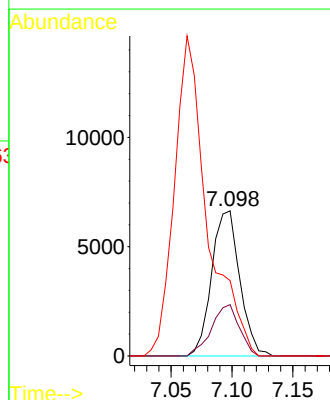
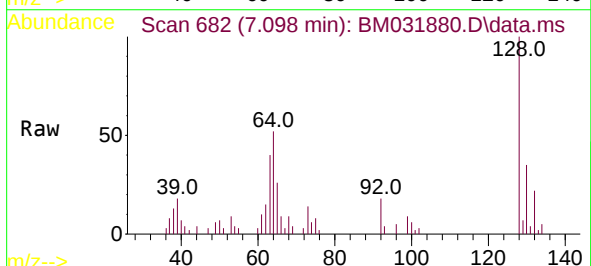
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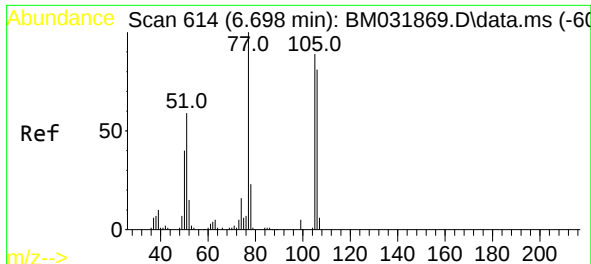
Lab File: BM031880.D

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Tgt Ion: 128 Resp: 10664

Ion	Ratio	Lower	Upper
128	100		
130	35.4	13.0	53.0
64	51.9	33.4	73.4

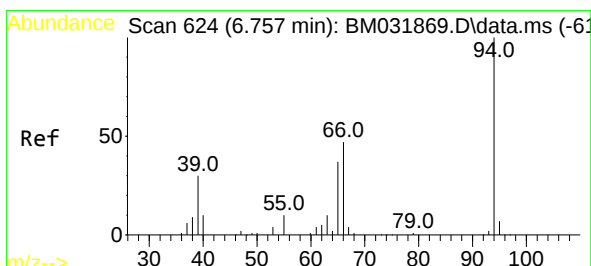
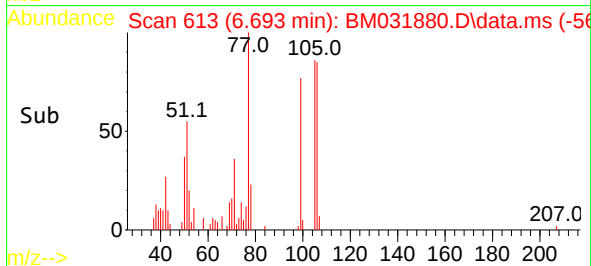
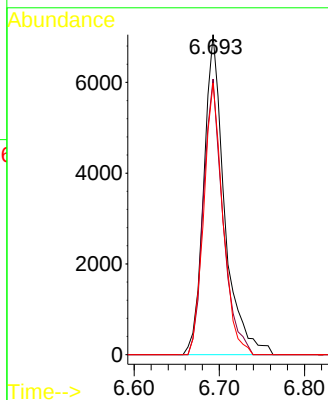
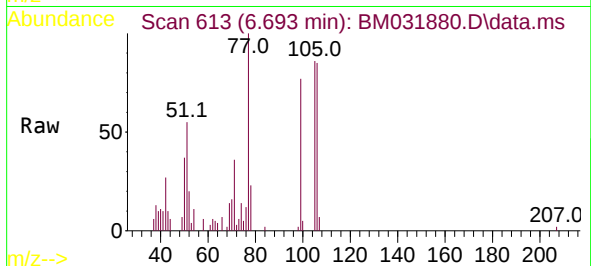




#9
Benzaldehyde
Concen: 5.749 ng
RT: 6.693 min Scan# 613
Delta R.T. -0.005 min
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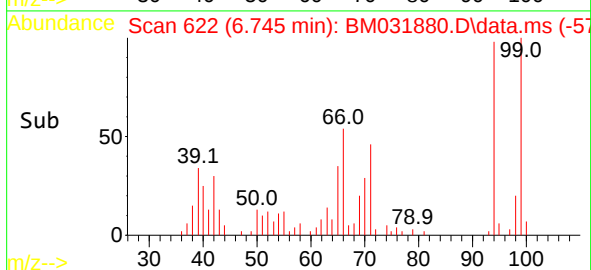
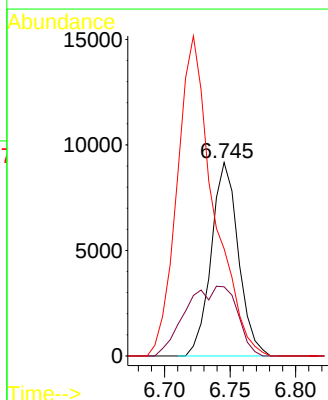
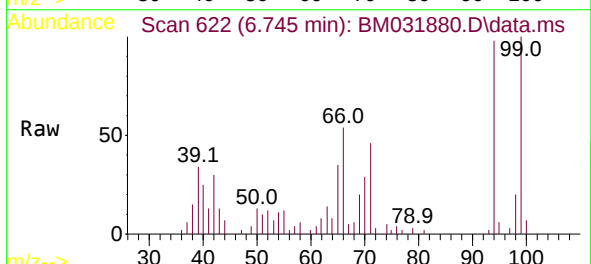
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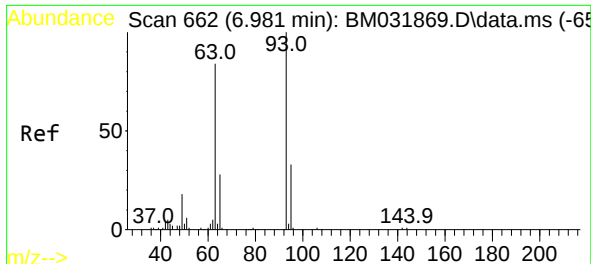
Tgt Ion: 77 Resp: 11998
Ion Ratio Lower Upper
77 100
105 86.2 68.9 108.9
106 84.9 61.2 101.2



#10
Phenol
Concen: 4.178 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 94 Resp: 13179
Ion Ratio Lower Upper
94 100
65 35.7 16.9 56.9
66 55.4 30.0 70.0

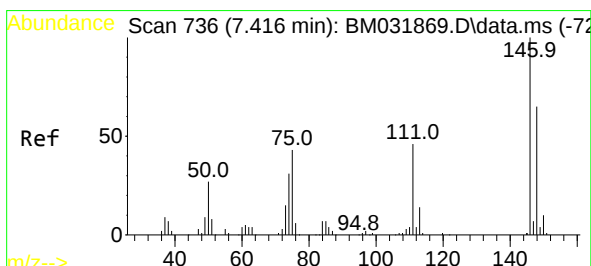
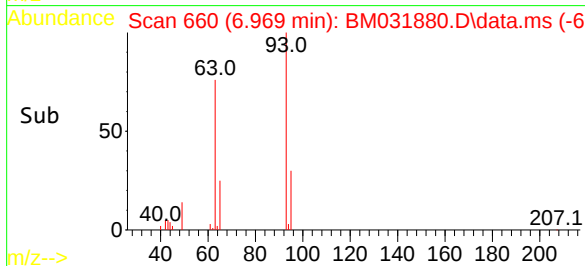
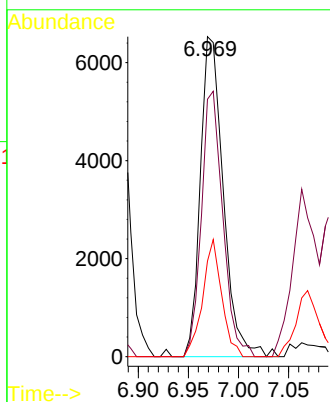
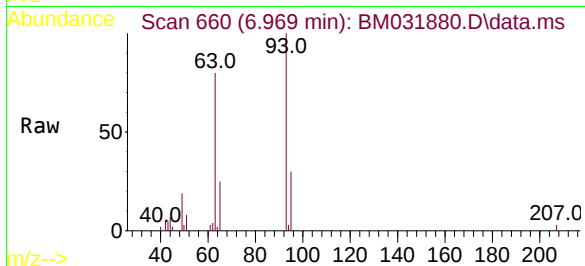




#11
bis(2-Chloroethyl)ether
Concen: 4.378 ng
RT: 6.969 min Scan# 660
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

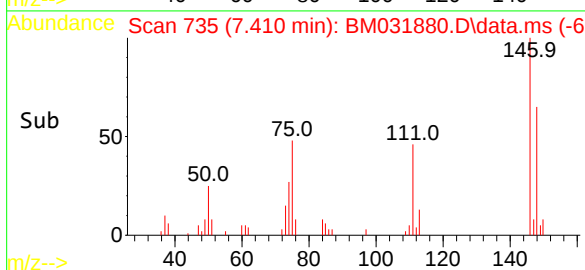
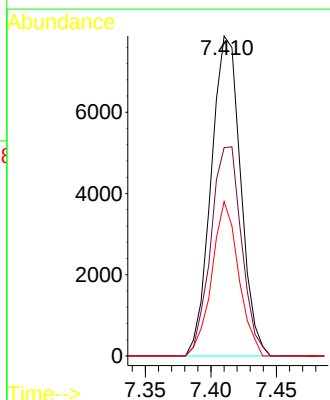
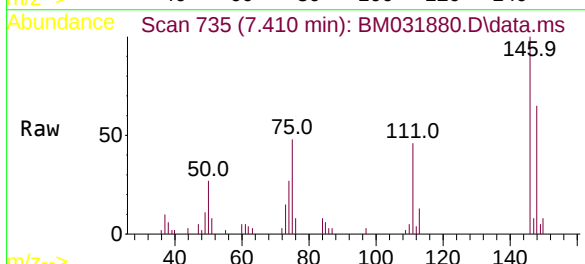
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

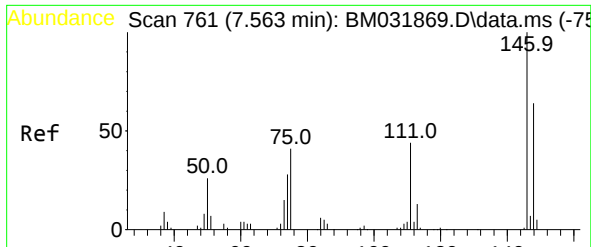
Tgt Ion: 93 Resp: 10447
Ion Ratio Lower Upper
93 100
63 80.4 63.7 103.7
95 29.9 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 4.515 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 146 Resp: 12313
Ion Ratio Lower Upper
146 100
148 65.1 52.3 78.5
75 48.2 34.2 51.2

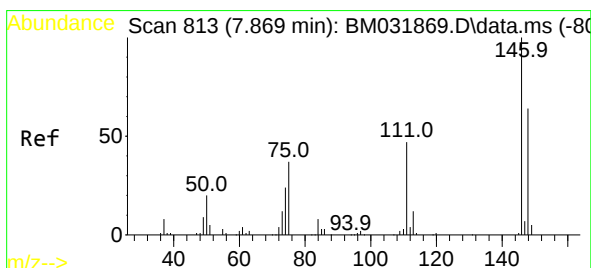
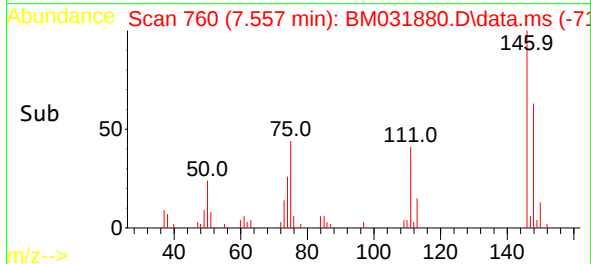
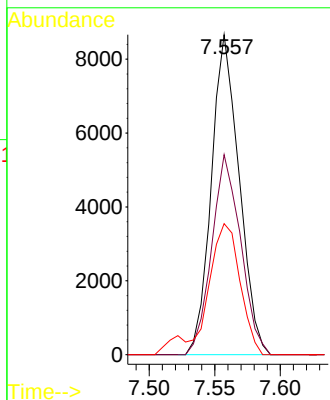
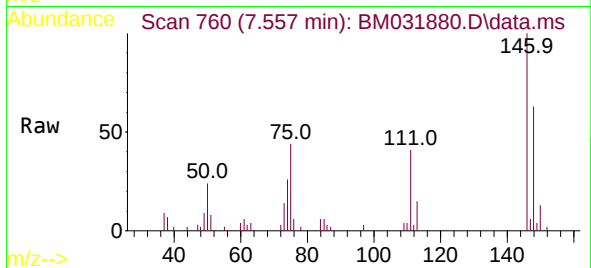




#13
1,4-Dichlorobenzene
Concen: 4.606 ng
RT: 7.557 min Scan# 760
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

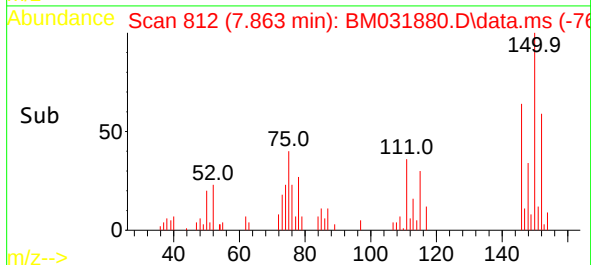
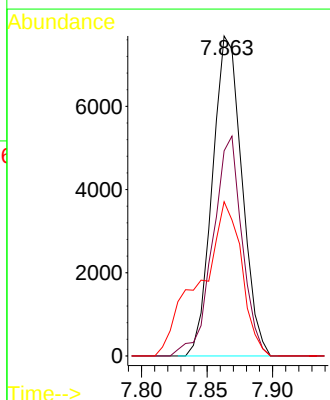
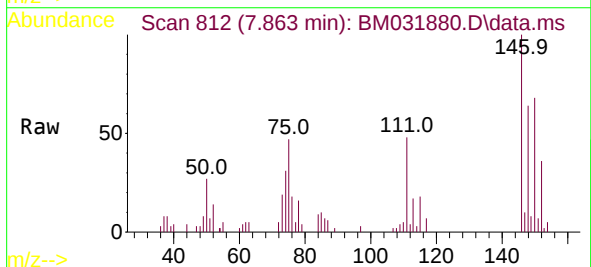
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

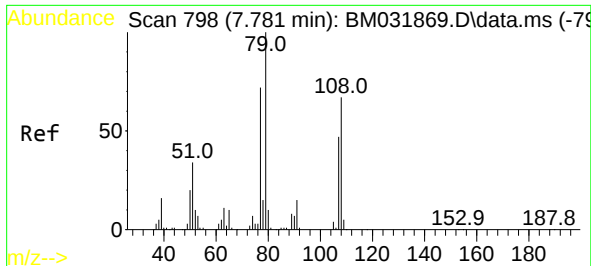
Tgt Ion:146 Resp: 12756
Ion Ratio Lower Upper
146 100
148 62.5 51.1 76.7
111 41.0 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 4.463 ng
RT: 7.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:146 Resp: 12038
Ion Ratio Lower Upper
146 100
148 64.1 51.7 77.5
111 48.2 38.2 57.2



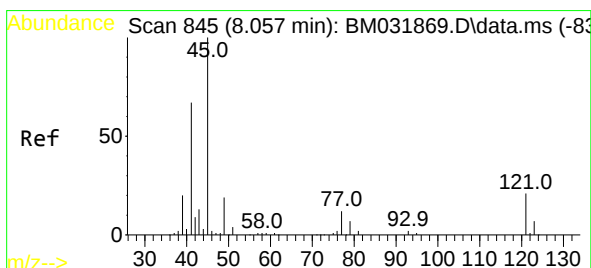
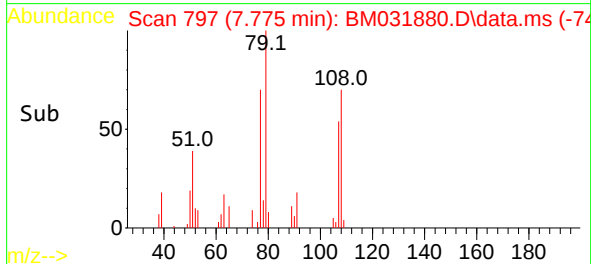
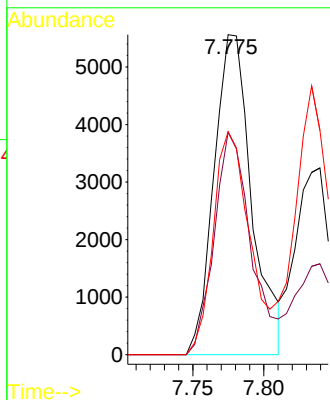
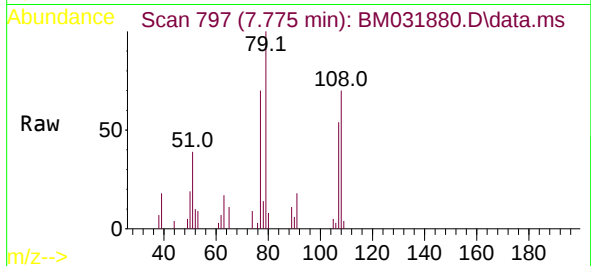


#15
Benzyl Alcohol
Concen: 3.968 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

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

Tgt Ion: 79 Resp: 10295

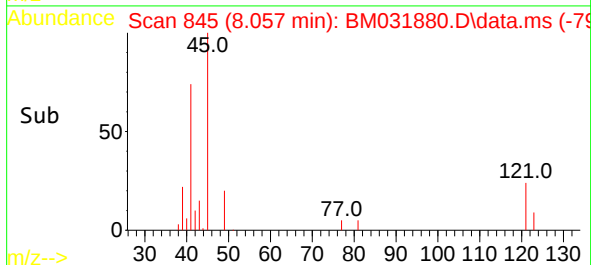
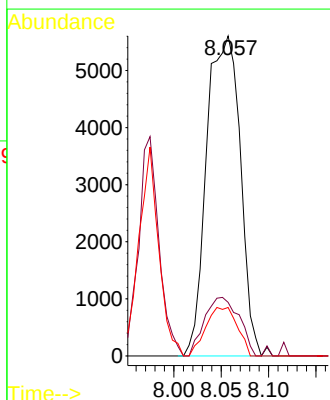
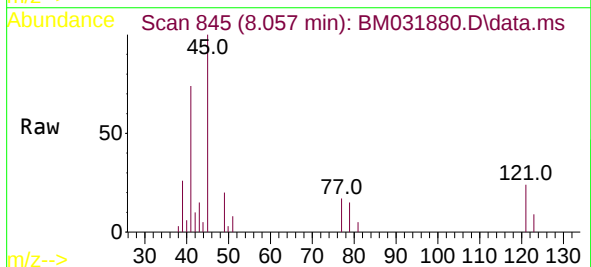
Ion	Ratio	Lower	Upper
79	100		
108	69.5	53.6	80.4
77	69.7	57.7	86.5

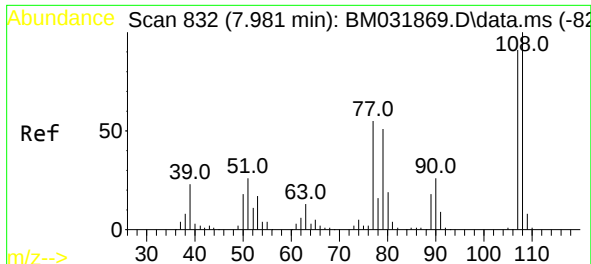


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.882 ng
RT: 8.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 45 Resp: 13841

Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	36.1
79	15.1	0.0	30.5

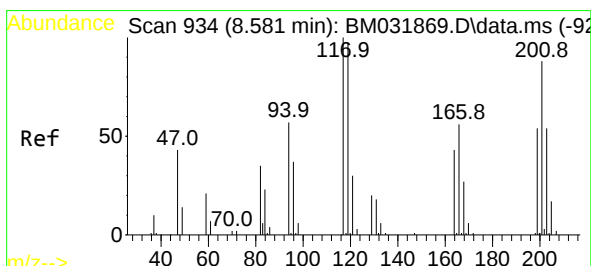
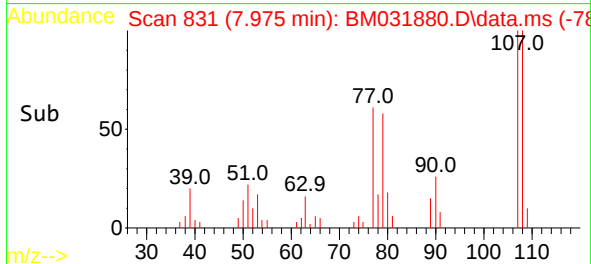
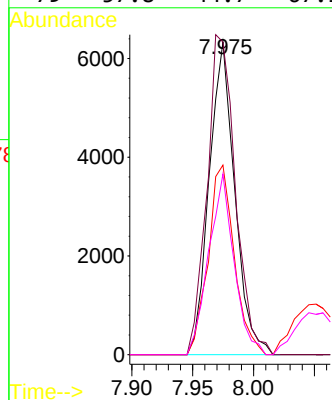
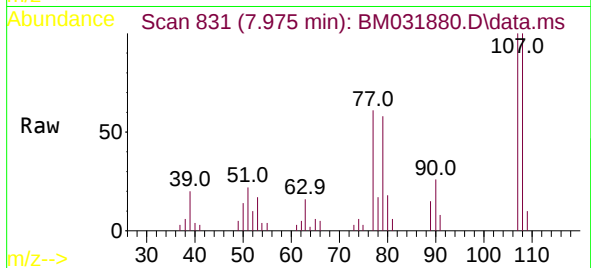




#17
2-Methylphenol
Concen: 4.358 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

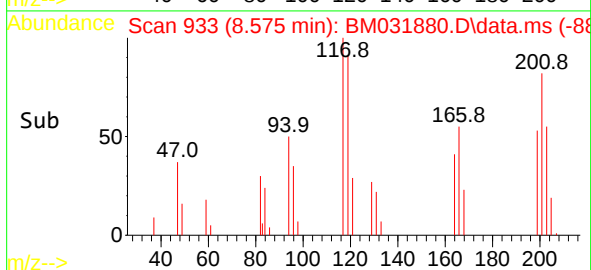
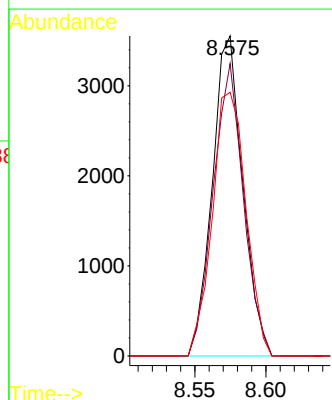
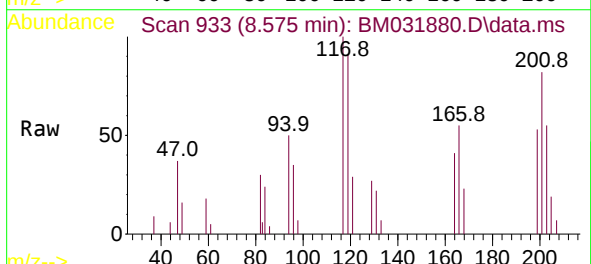
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

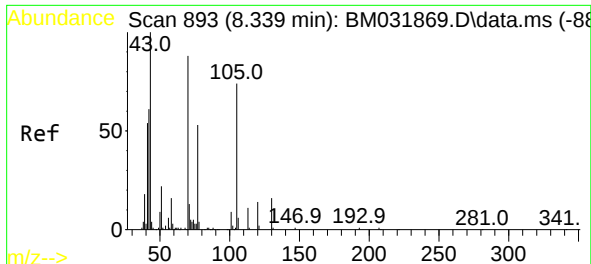
Tgt Ion:	107	Resp:	9254
Ion	Ratio	Lower	Upper
107	100		
108	100.0	87.9	131.9
77	60.6	48.2	72.2
79	57.8	44.7	67.1



#18
Hexachloroethane
Concen: 4.497 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:	117	Resp:	5304
Ion	Ratio	Lower	Upper
117	100		
119	91.4	77.7	116.5
201	82.4	70.2	105.2

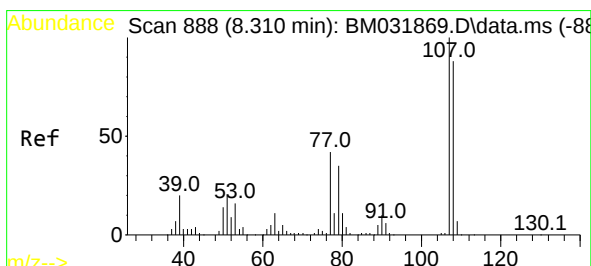
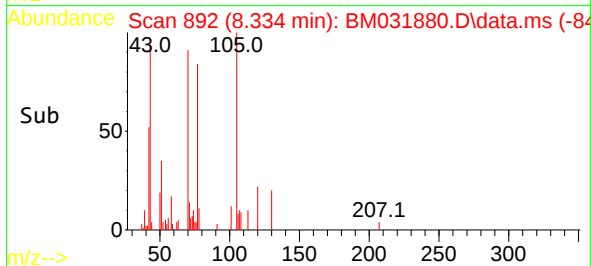
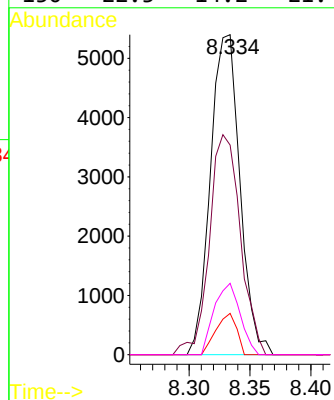
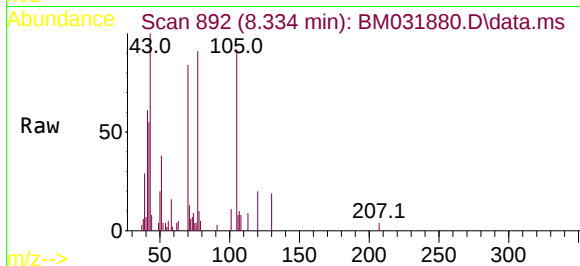




#19
n-Nitroso-di-n-propylamine
Concen: 3.829 ng
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

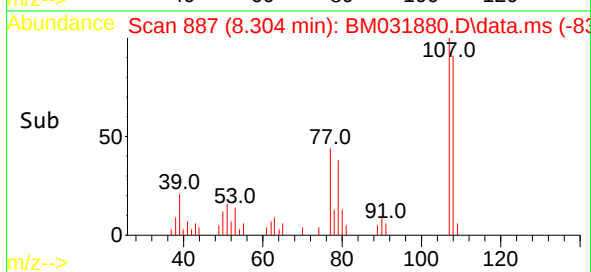
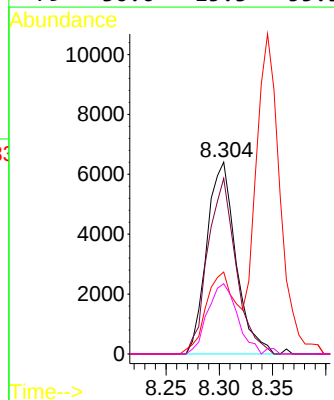
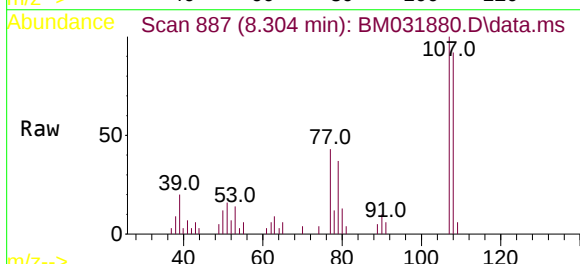
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

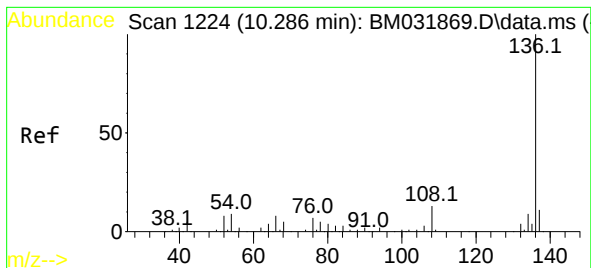
Tgt Ion:	70	Resp:	9100
Ion	Ratio	Lower	Upper
70	100		
42	65.5	56.3	84.5
101	12.9	7.8	11.6#
130	22.3	14.2	21.4#



#20
3+4-Methylphenols
Concen: 4.090 ng
RT: 8.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

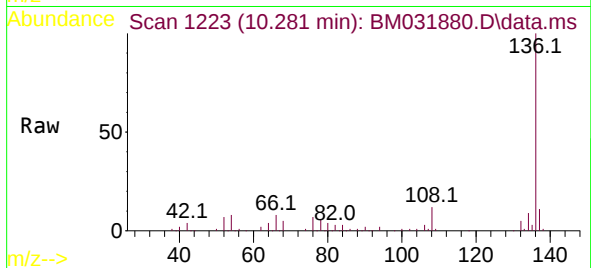
Tgt Ion:	107	Resp:	12110
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.6	107.6
77	42.7	21.9	61.9
79	36.6	15.3	55.3



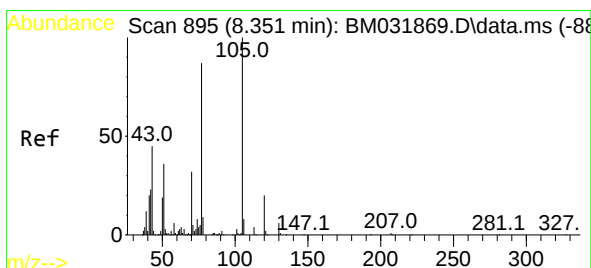
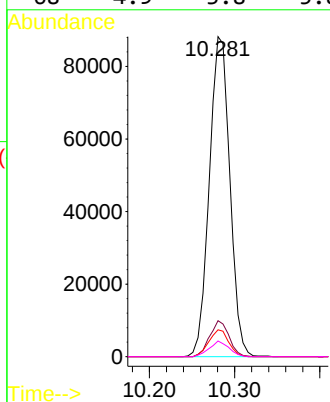
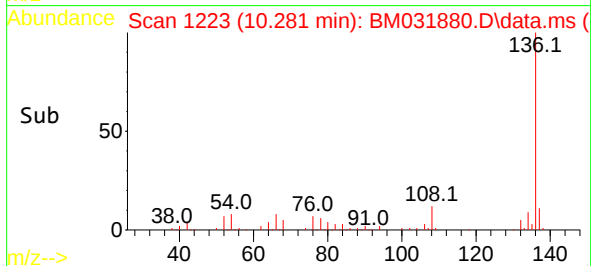


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

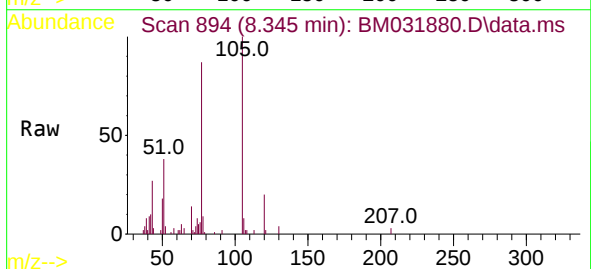
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021



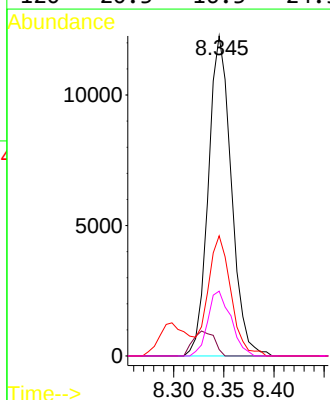
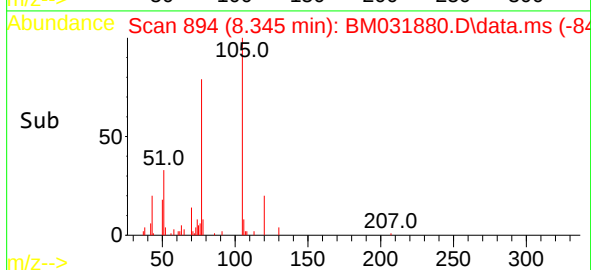
Tgt Ion:136 Resp: 147733
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.4 7.4 11.0
68 4.9 3.8 5.8

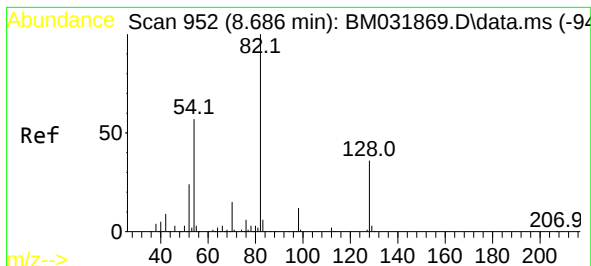


#22
Acetophenone
Concen: 4.537 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41



Tgt Ion:105 Resp: 19544
Ion Ratio Lower Upper
105 100
71 2.0 3.8 5.6#
51 37.5 29.5 44.3
120 20.3 16.3 24.5

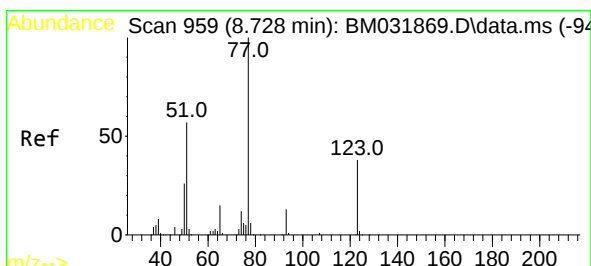
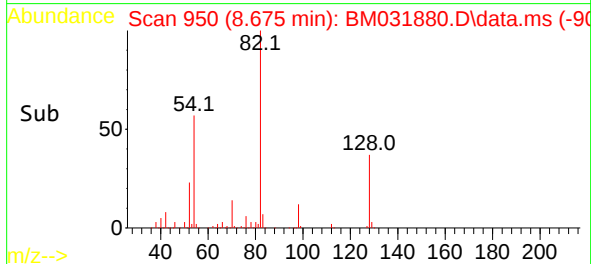
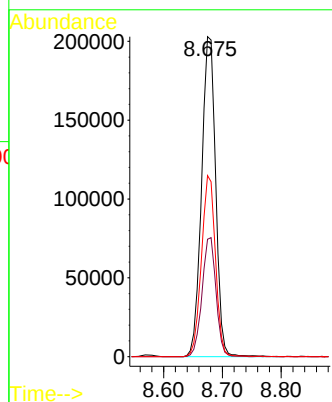
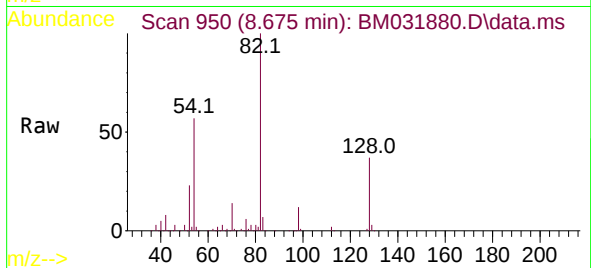




#23
Nitrobenzene-d5
Concen: 93.099 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

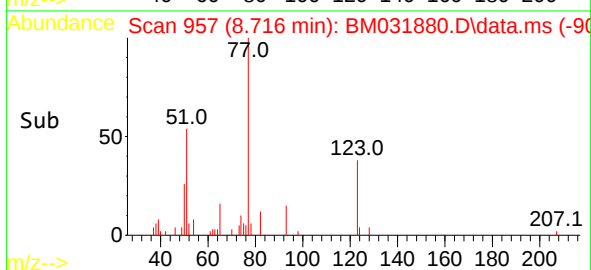
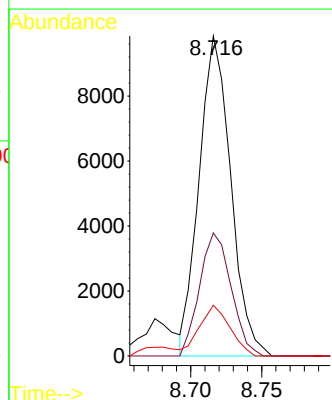
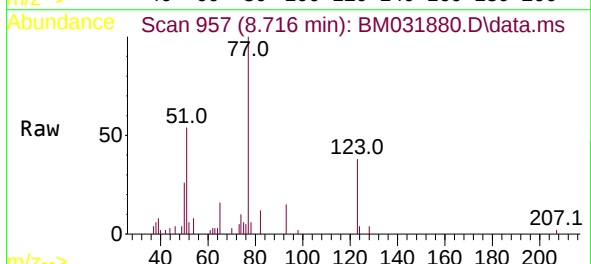
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

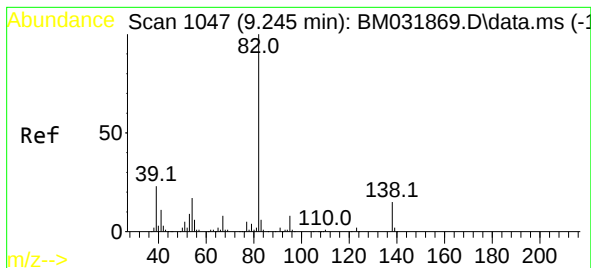
Tgt Ion: 82 Resp: 337760
Ion Ratio Lower Upper
82 100
128 36.7 29.0 43.6
54 56.6 45.8 68.8



#24
Nitrobenzene
Concen: 4.104 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 77 Resp: 15252
Ion Ratio Lower Upper
77 100
123 38.4 30.1 45.1
65 15.8 11.7 17.5





#25

Isophorone

Concen: 3.953 ng

RT: 9.239 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

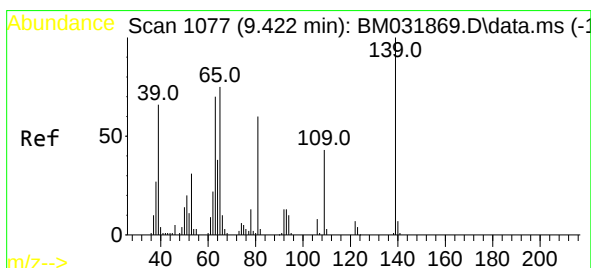
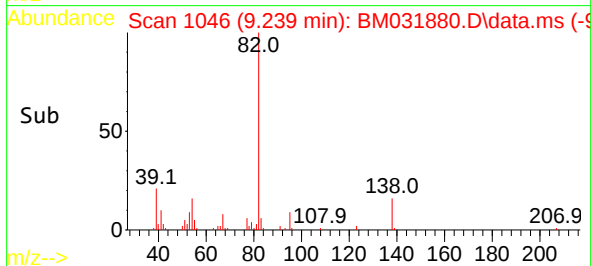
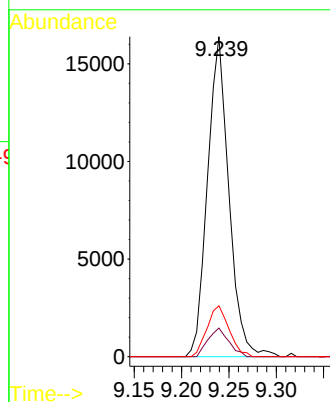
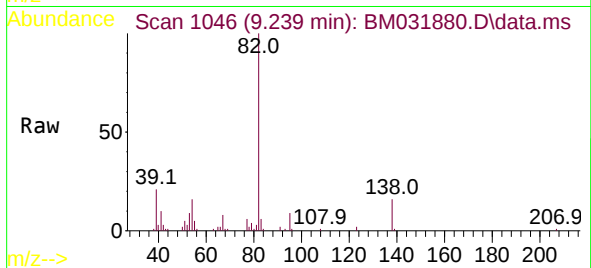
Tgt Ion:	82	Resp:	25732
Ion	Ratio	Lower	Upper
82	100		
95	8.9	6.4	9.6
138	15.9	12.4	18.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#26

2-Nitrophenol

Concen: 3.918 ng

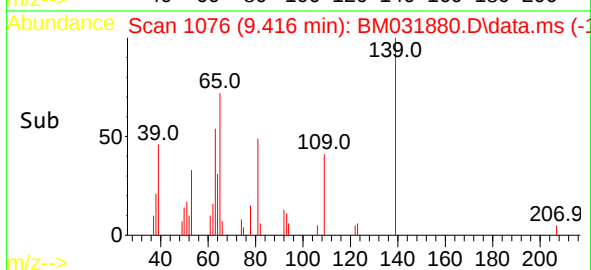
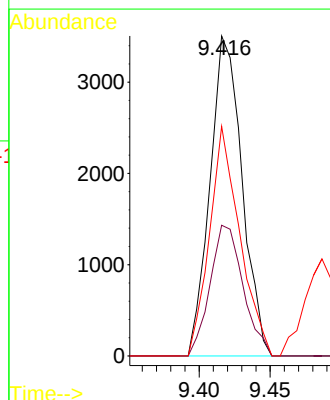
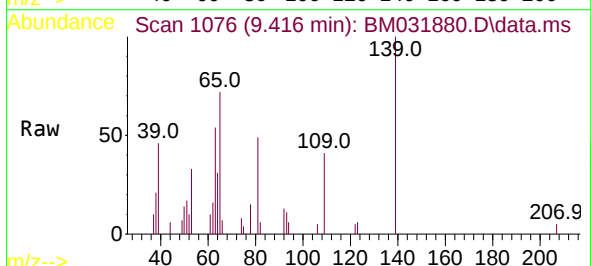
RT: 9.416 min Scan# 1076

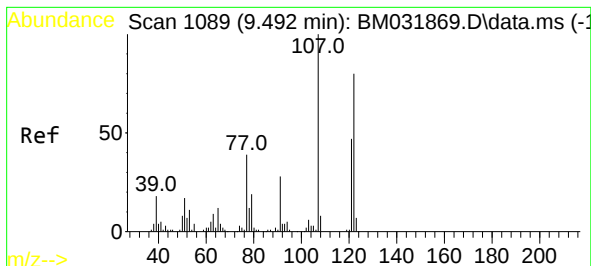
Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:	139	Resp:	5495
Ion	Ratio	Lower	Upper
139	100		
109	40.8	34.8	52.2
65	71.7	59.9	89.9

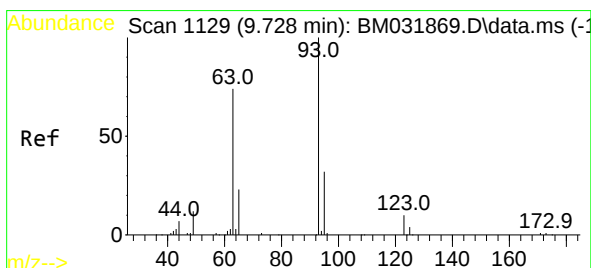
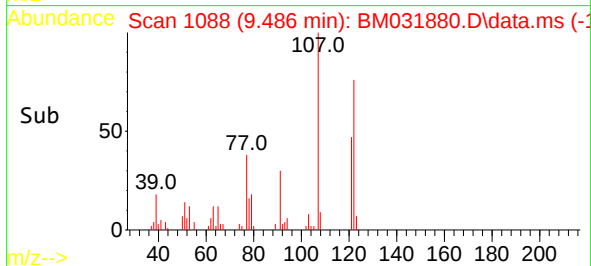
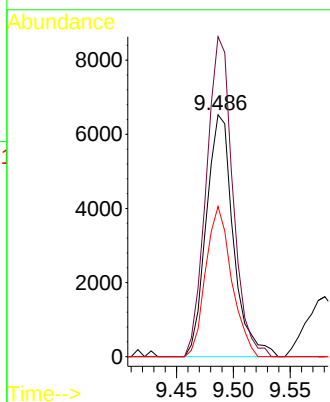
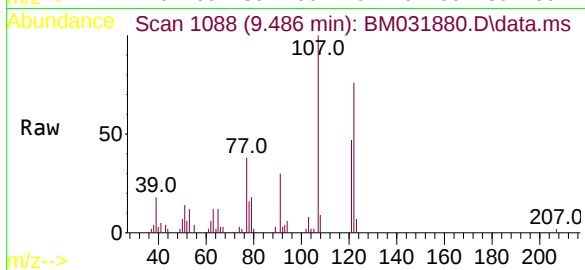




#27
2,4-Dimethylphenol
Concen: 5.018 ng
RT: 9.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

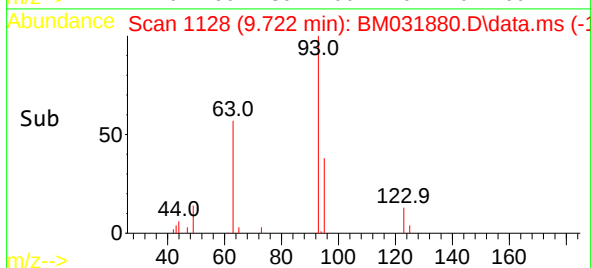
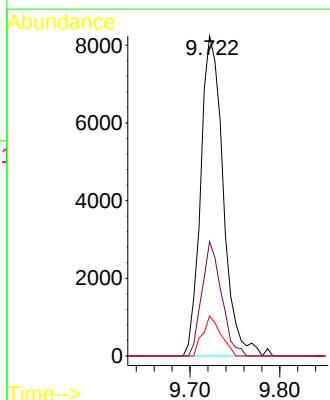
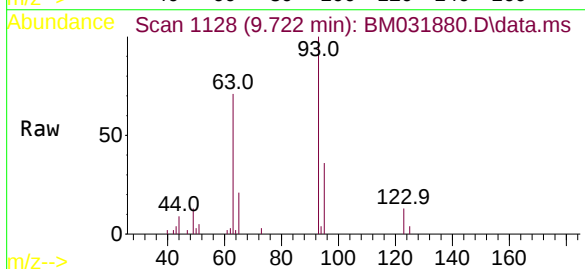
Instrument :
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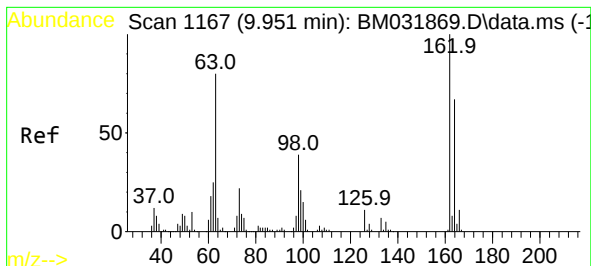
Tgt Ion:122 Resp: 10834
Ion Ratio Lower Upper
122 100
107 132.3 100.6 150.8
121 62.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 4.543 ng
RT: 9.722 min Scan# 1128
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 93 Resp: 14374
Ion Ratio Lower Upper
93 100
95 35.7 25.8 38.8
123 12.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 4.153 ng

RT: 9.957 min Scan# 1168

Delta R.T. 0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

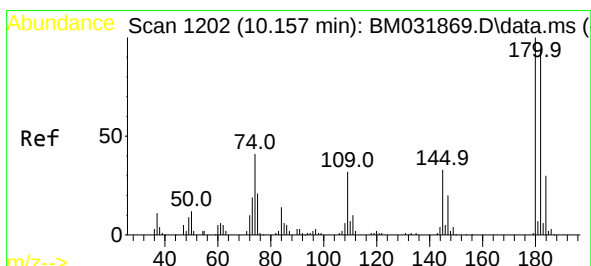
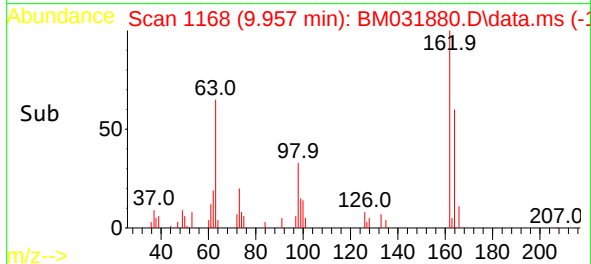
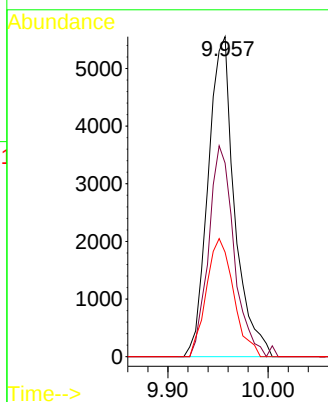
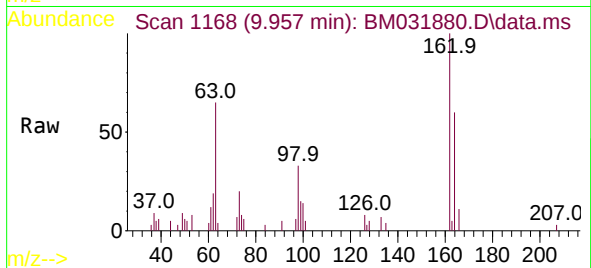
Tgt Ion:	162	Resp:	10160
Ion	Ratio	Lower	Upper
162	100		
164	60.5	47.4	87.4
98	32.6	18.9	58.9

Instrument :

BNA_M

ClientSampleId :

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#30

1,2,4-Trichlorobenzene

Concen: 4.780 ng

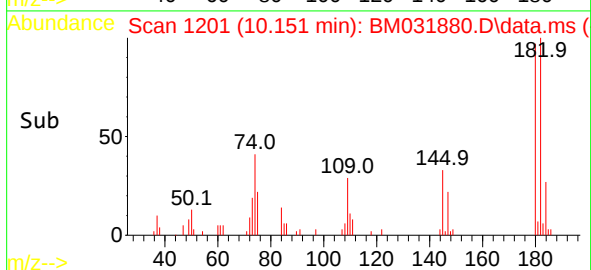
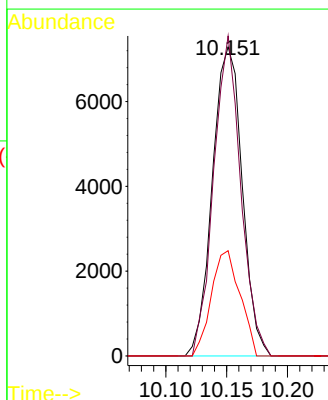
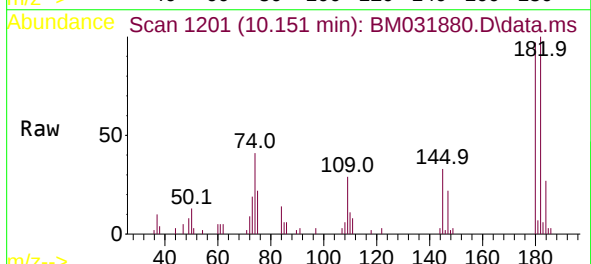
RT: 10.151 min Scan# 1201

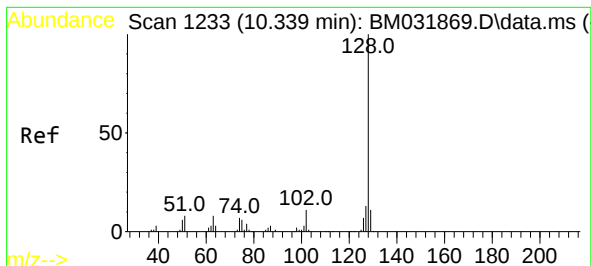
Delta R.T. -0.006 min

Lab File: BM031880.D

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Tgt Ion:	180	Resp:	12417
Ion	Ratio	Lower	Upper
180	100		
182	103.5	75.5	113.3
145	34.1	26.2	39.2

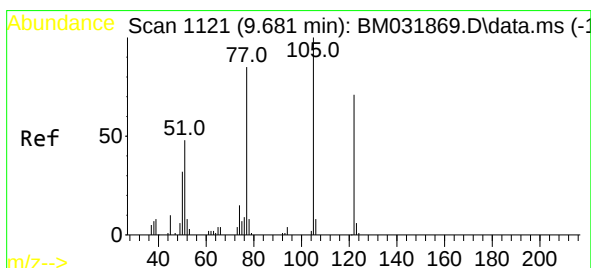
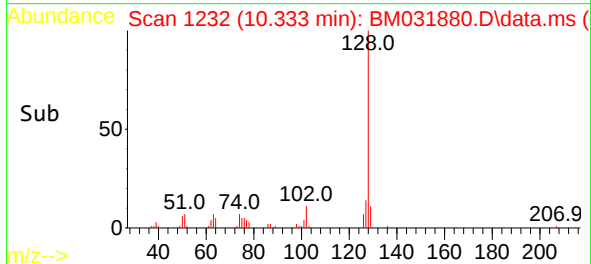
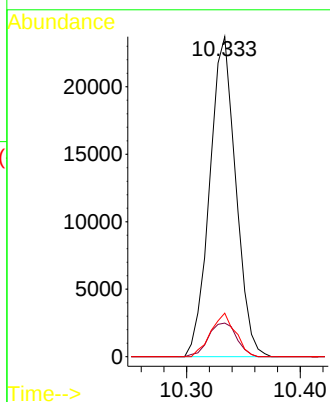
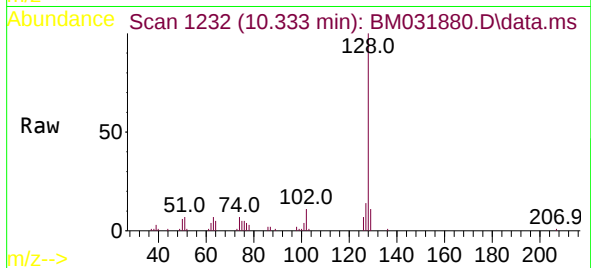




#31
Naphthalene
Concen: 4.468 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

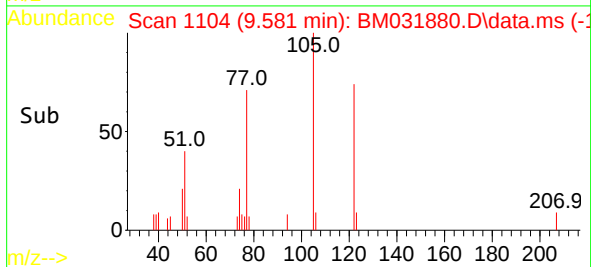
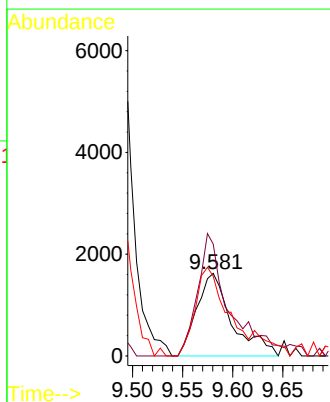
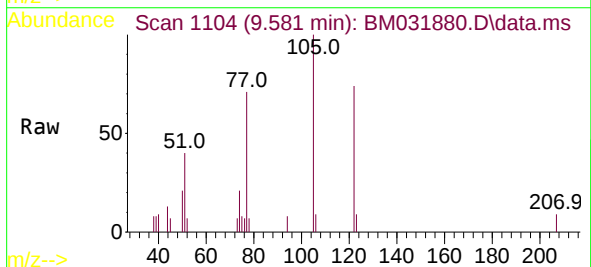
Instrument :
BNA_M
ClientSampleId :
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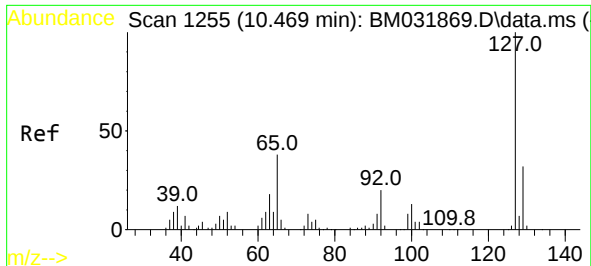
Tgt Ion:128 Resp: 37851
Ion Ratio Lower Upper
128 100
129 10.5 8.6 13.0
127 13.6 10.4 15.6



#32
Benzoic acid
Concen: 2.170 ng
RT: 9.581 min Scan# 1104
Delta R.T. -0.100 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:122 Resp: 3970
Ion Ratio Lower Upper
122 100
105 135.5 120.3 160.3
77 96.5 100.0 140.0#

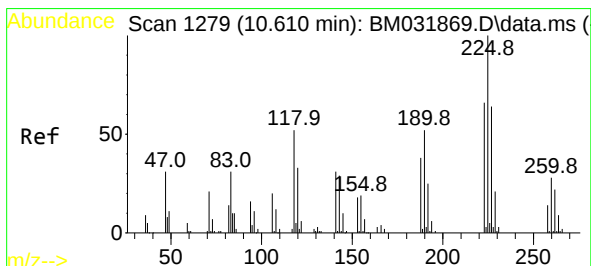
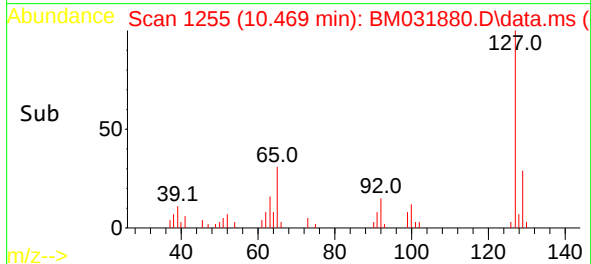
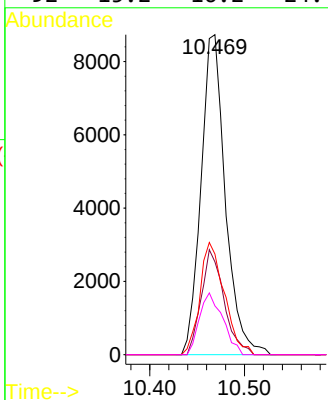
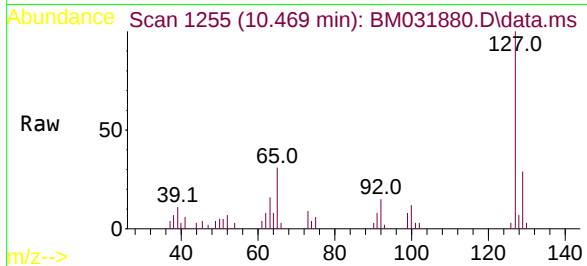




#33
4-Chloroaniline
Concen: 4.634 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

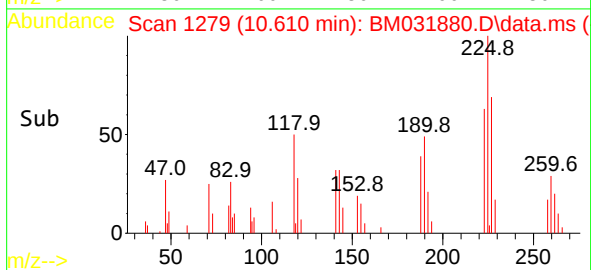
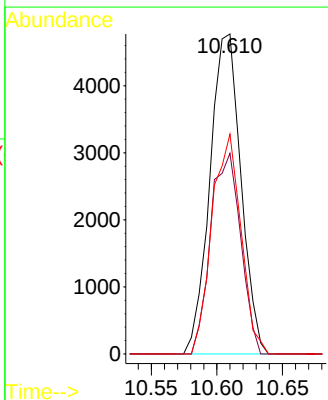
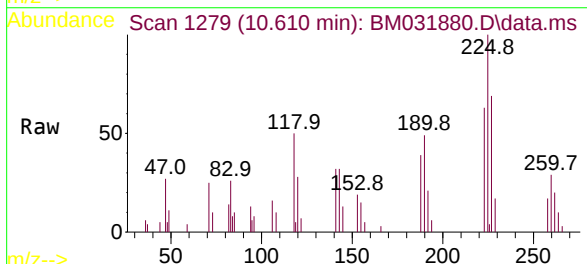
Instrument :
BNA_M
ClientSampleId :
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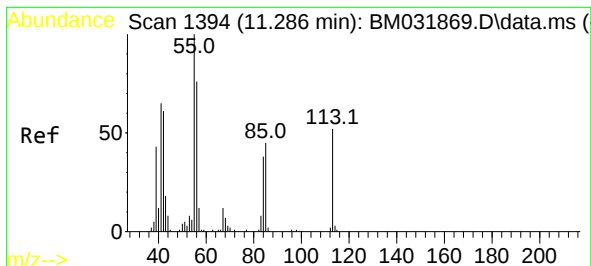
Tgt Ion:	127	Resp:	15587
Ion	Ratio	Lower	Upper
127	100		
129	29.0	25.6	38.4
65	31.4	30.4	45.6
92	15.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 4.831 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:	225	Resp:	7844
Ion	Ratio	Lower	Upper
225	100		
223	60.3	52.6	78.8
227	66.1	51.2	76.8

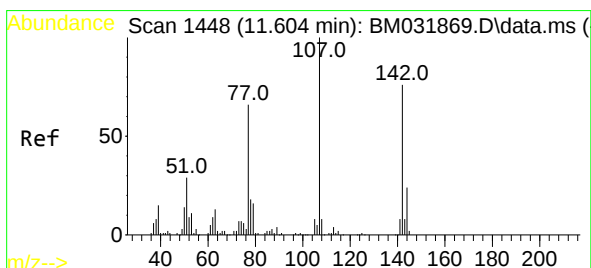
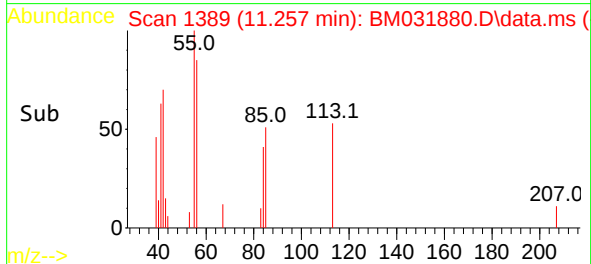
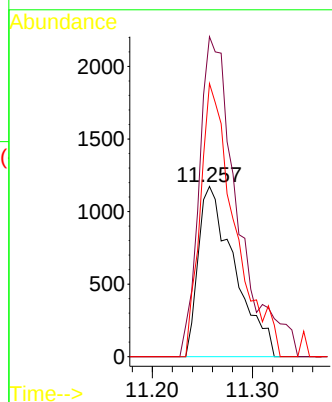
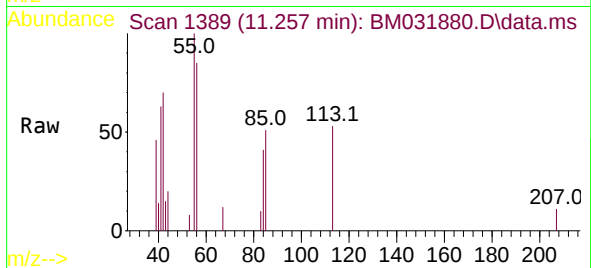




#35
Caprolactam
Concen: 3.823 ng
RT: 11.257 min Scan# 1389
Delta R.T. -0.029 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

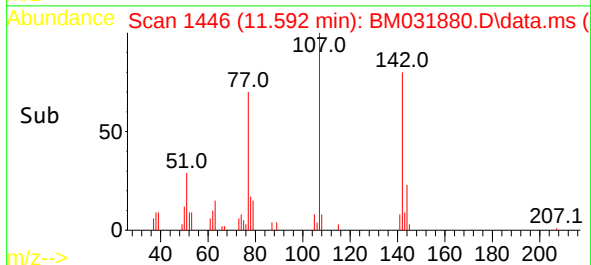
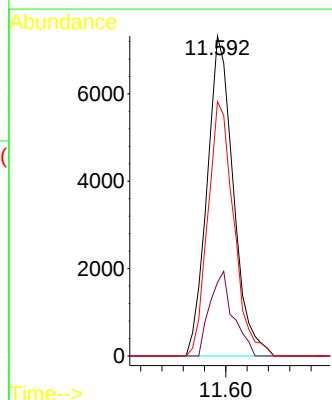
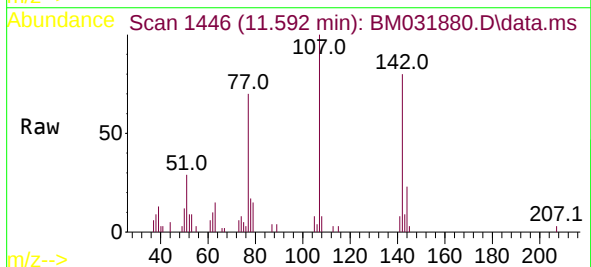
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

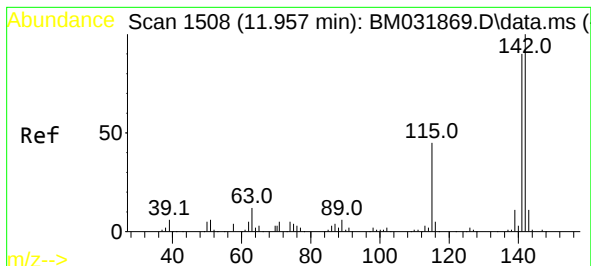
Tgt Ion:113 Resp: 2960
Ion Ratio Lower Upper
113 100
55 188.0 170.5 210.5
56 160.4 125.2 165.2



#36
4-Chloro-3-methylphenol
Concen: 4.324 ng
RT: 11.592 min Scan# 1446
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:107 Resp: 12560
Ion Ratio Lower Upper
107 100
144 23.0 19.3 28.9
142 79.5 60.5 90.7

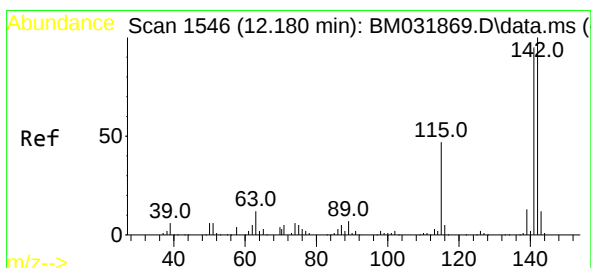
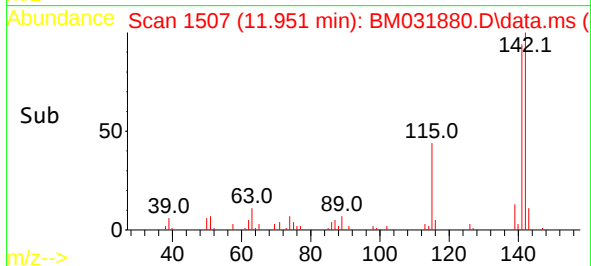
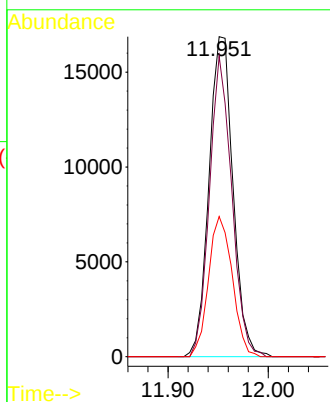
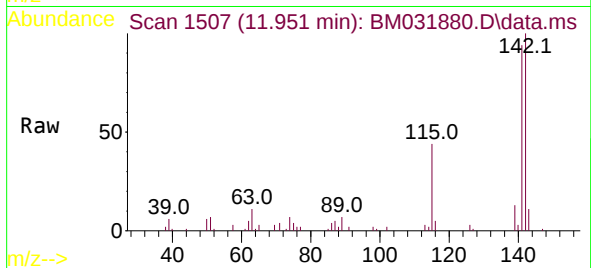




#37
2-Methylnaphthalene
Concen: 4.608 ng
RT: 11.951 min Scan# 1507
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

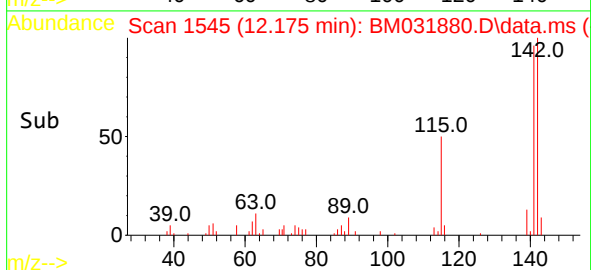
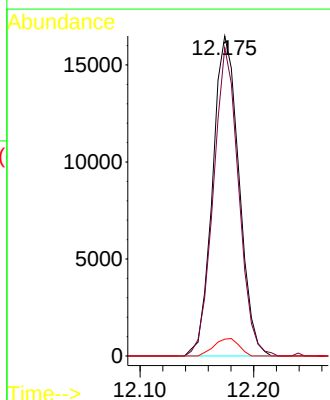
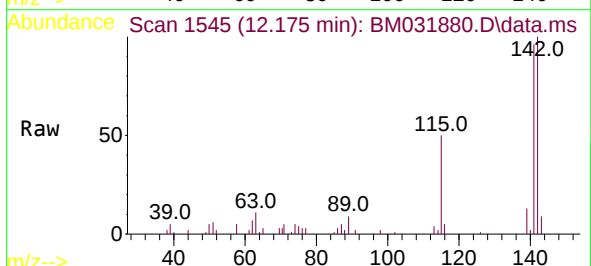
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

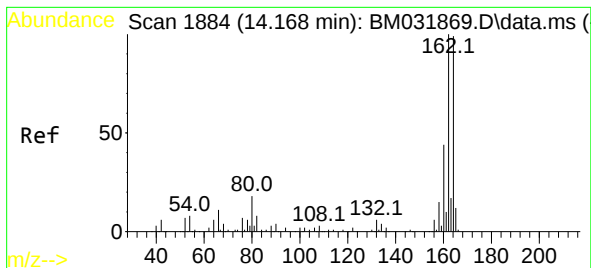
Tgt Ion:142 Resp: 28144
Ion Ratio Lower Upper
142 100
141 93.9 71.8 107.6
115 43.8 36.3 54.5



#38
1-Methylnaphthalene
Concen: 4.623 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:142 Resp: 26580
Ion Ratio Lower Upper
142 100
141 96.3 75.6 113.4
116 5.2 4.0 6.0

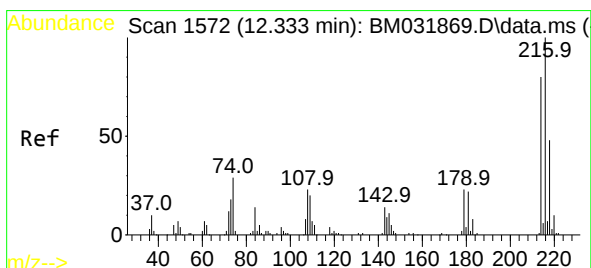
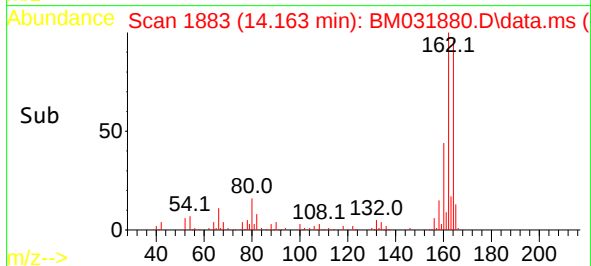
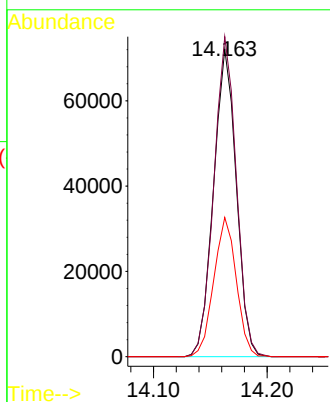
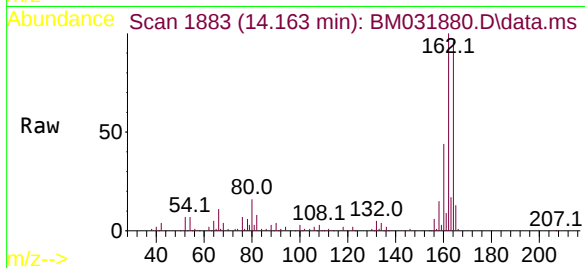




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

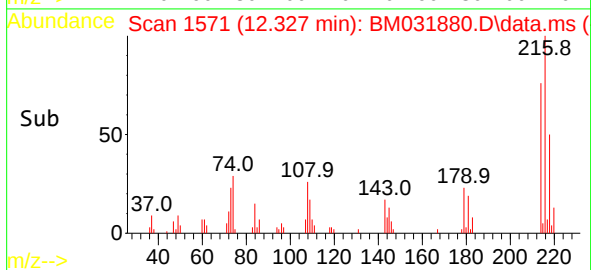
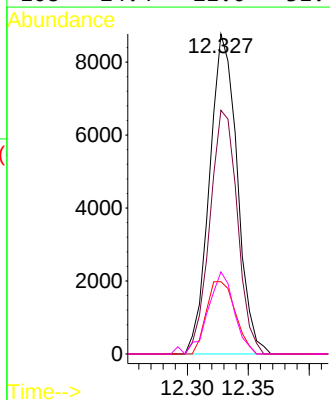
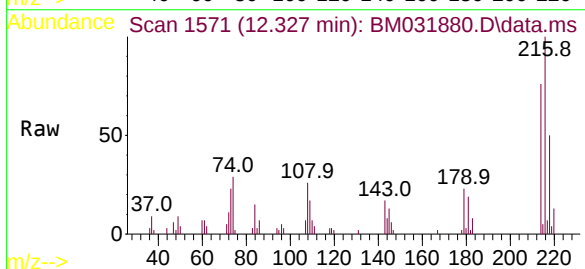
Instrument :
BNA_M
ClientSampleId :
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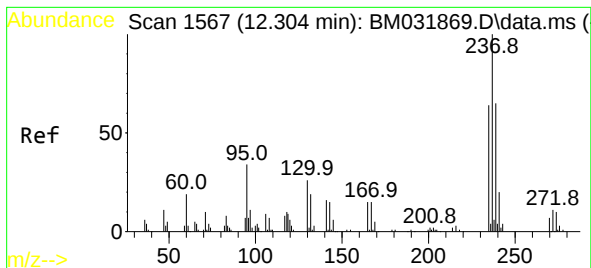
Tgt Ion:164 Resp: 100387
Ion Ratio Lower Upper
164 100
162 104.0 80.6 121.0
160 45.3 35.1 52.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.809 ng
RT: 12.327 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:216 Resp: 13873
Ion Ratio Lower Upper
216 100
214 75.6 62.5 93.7
179 23.6 18.7 28.1
108 24.4 21.0 31.4

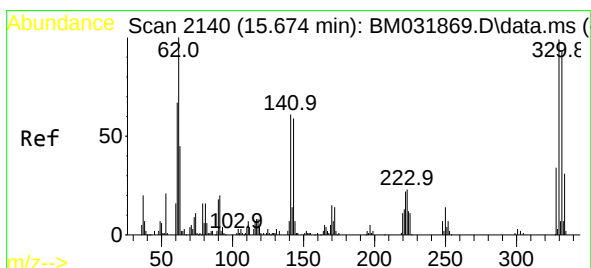
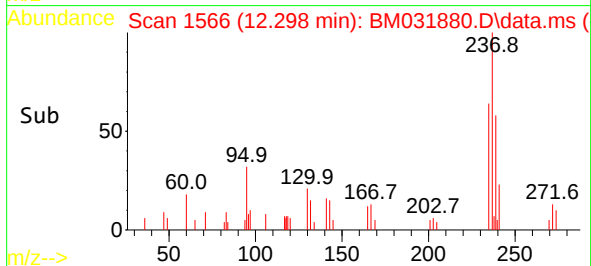
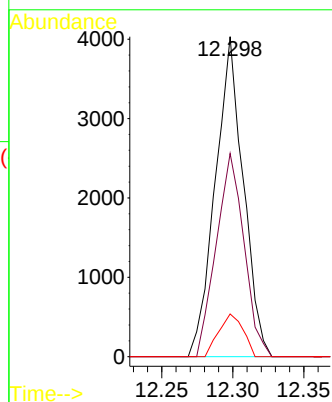
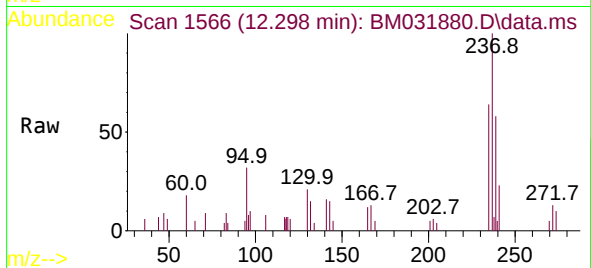




#41
Hexachlorocyclopentadiene
Concen: 3.951 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

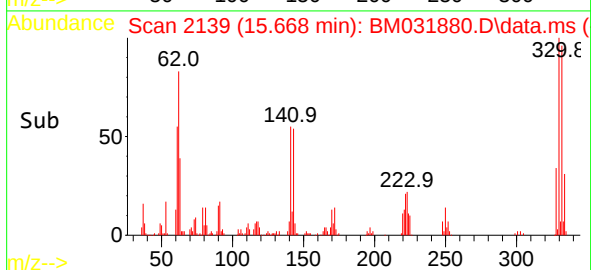
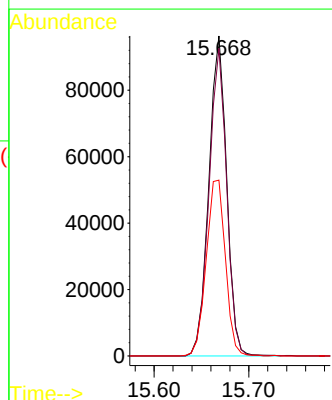
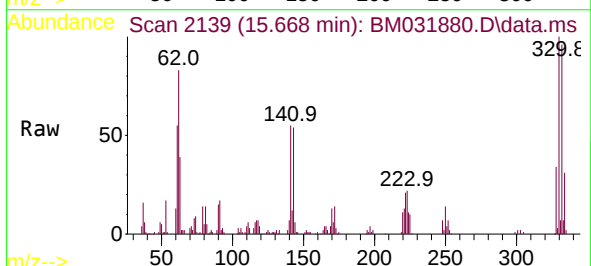
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

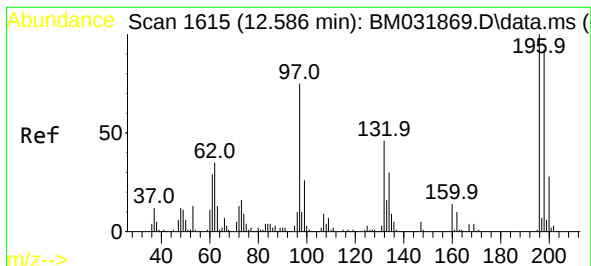
Tgt Ion:	237	Resp:	5528
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.4	84.4
272	13.3	0.0	31.4



#42
2,4,6-Tribromophenol
Concen: 113.643 ng
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:	330	Resp:	125709
Ion Ratio	Lower	Upper	
330	100		
332	95.2	75.7	113.5
141	59.1	50.7	76.1

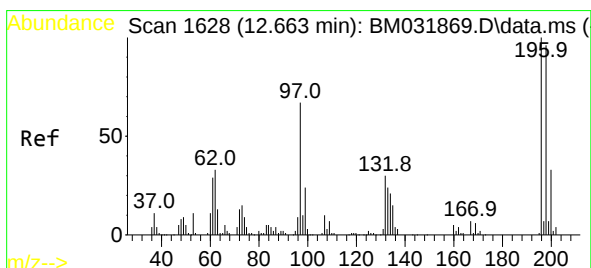
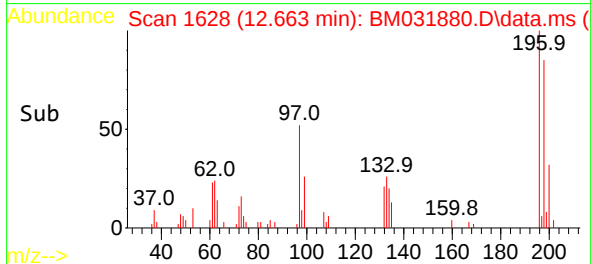
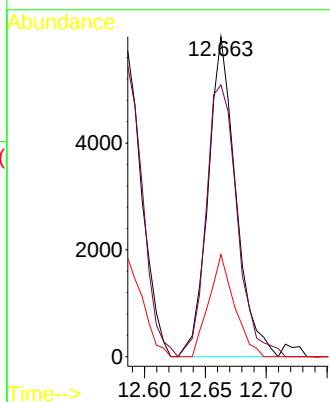
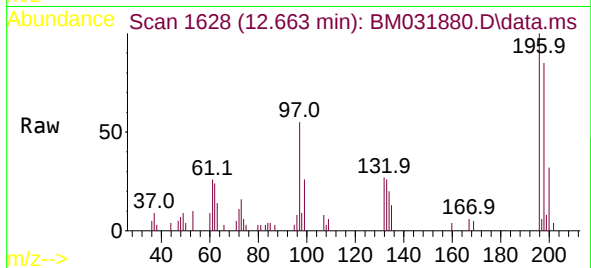




#43
2,4,6-Trichlorophenol
Concen: 4.467 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.077 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

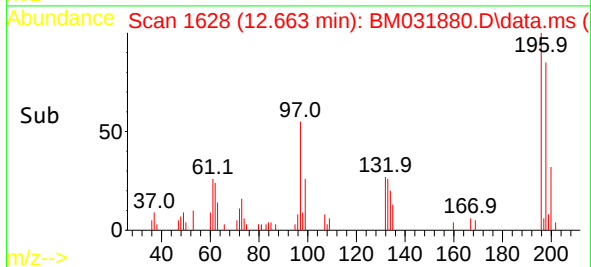
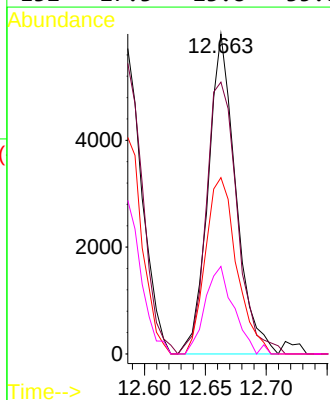
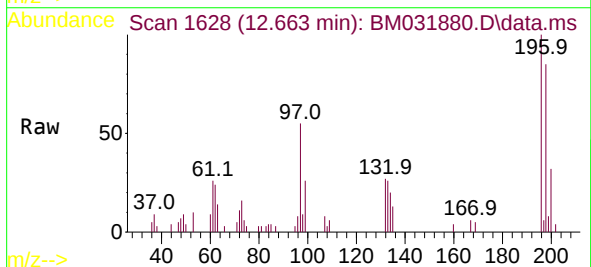
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

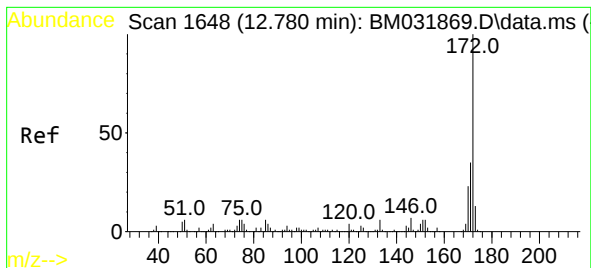
Tgt Ion:196 Resp: 9514
Ion Ratio Lower Upper
196 100
198 84.9 73.6 110.4
200 31.9 22.1 33.1



#44
2,4,5-Trichlorophenol
Concen: 4.188 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:196 Resp: 9514
Ion Ratio Lower Upper
196 100
198 84.9 77.0 115.4
97 55.1 53.9 80.9
132 27.3 23.8 35.8

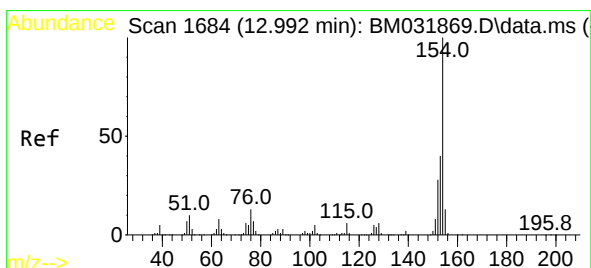
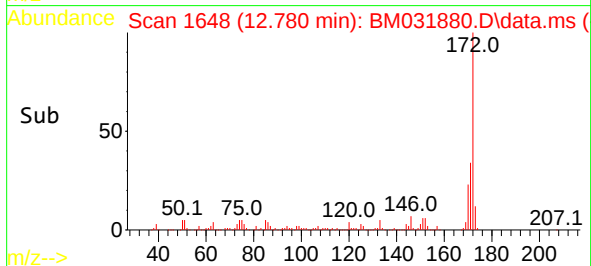
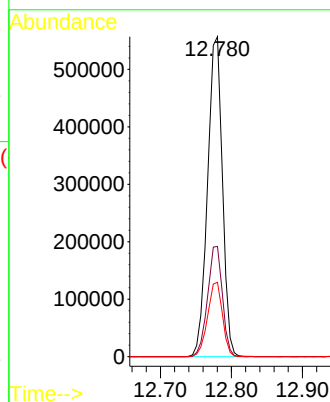
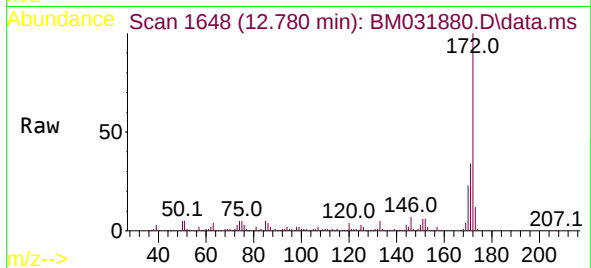




#45
2-Fluorobiphenyl
Concen: 103.848 ng
RT: 12.780 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

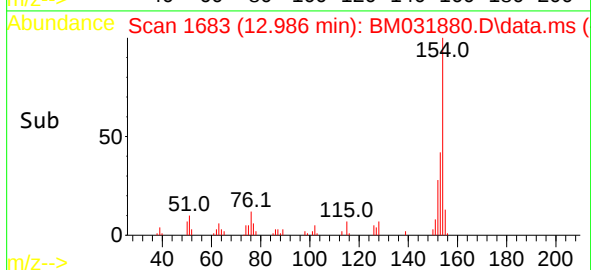
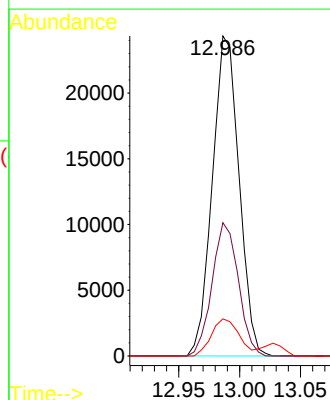
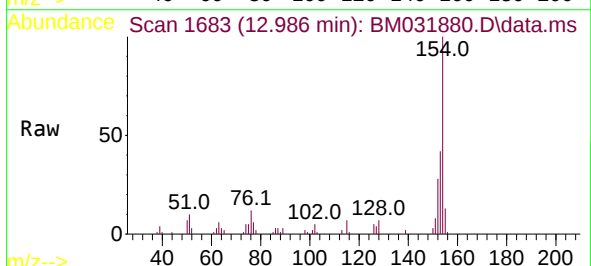
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

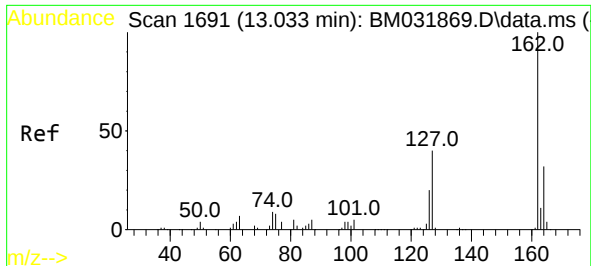
Tgt Ion:172 Resp: 810245
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.3 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.583 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:154 Resp: 37110
Ion Ratio Lower Upper
154 100
153 41.7 20.3 60.3
76 11.6 0.0 33.5

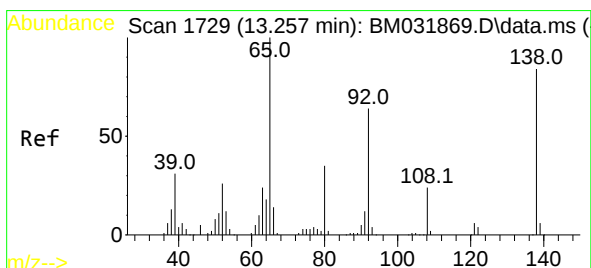
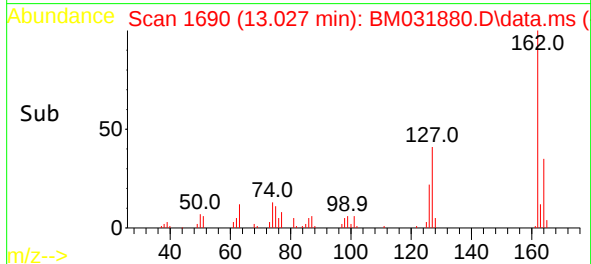
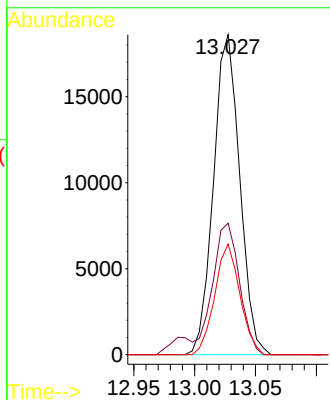
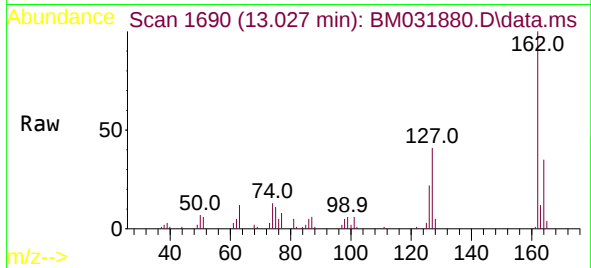




#47
2-Chloronaphthalene
Concen: 4.431 ng
RT: 13.027 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

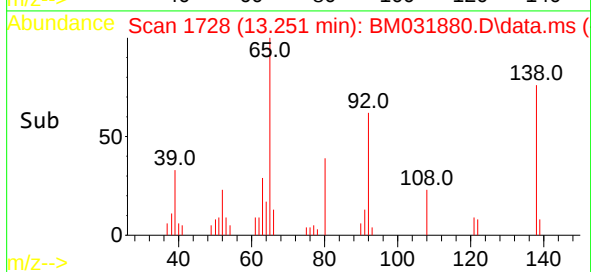
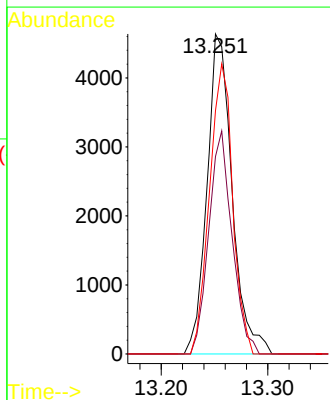
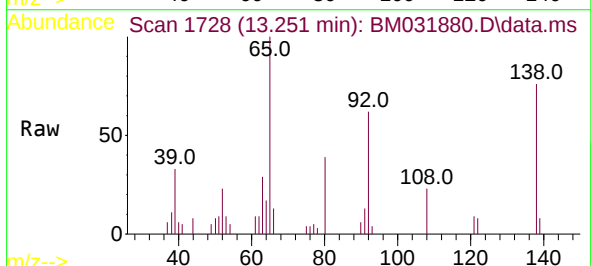
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

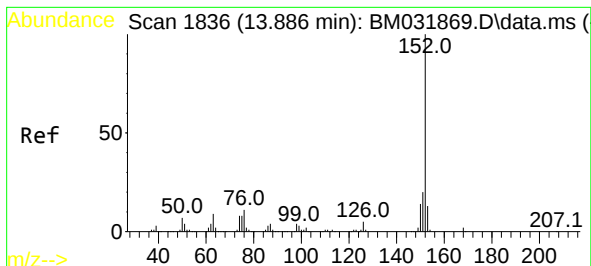
Tgt Ion:162	Resp:	27865
Ion Ratio	Lower	Upper
162	100	
127	41.1	33.2 49.8
164	34.6	25.7 38.5



#48
2-Nitroaniline
Concen: 3.479 ng
RT: 13.251 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion: 65	Resp:	7612
Ion Ratio	Lower	Upper
65	100	
92	61.7	51.2 76.8
138	76.0	66.8 100.2





#49

Acenaphthylene

Concen: 4.354 ng

RT: 13.880 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

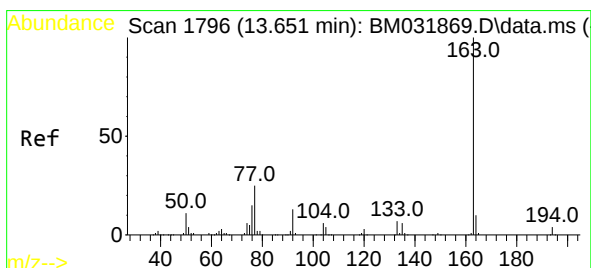
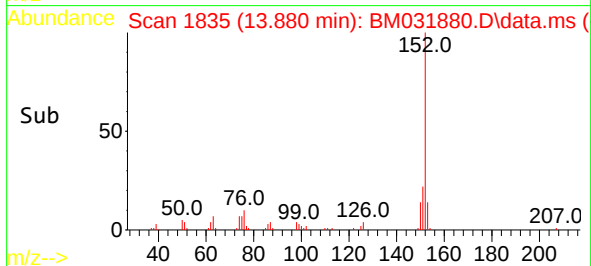
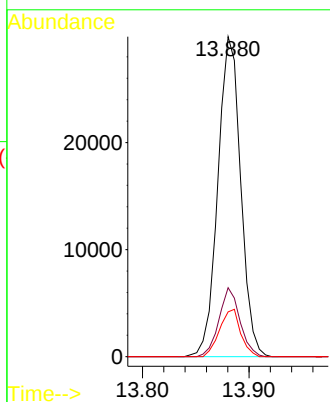
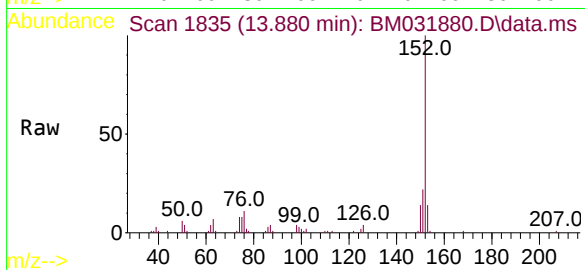
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion:152	Resp:	44418
Ion Ratio	Lower	Upper
152	100	
151	21.6	15.7 23.5
153	14.0	10.6 15.8



#50

Dimethylphthalate

Concen: 4.571 ng

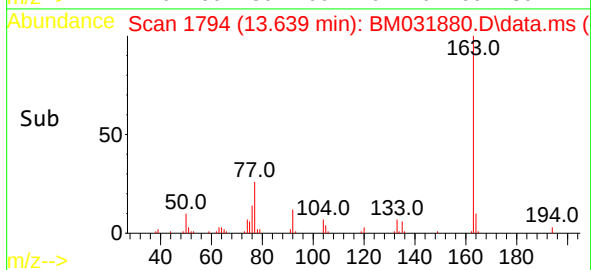
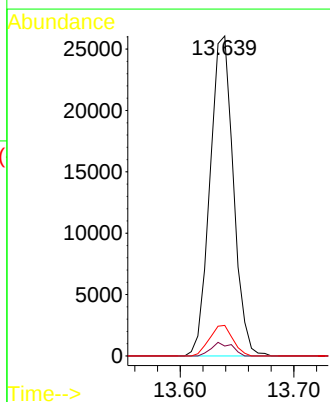
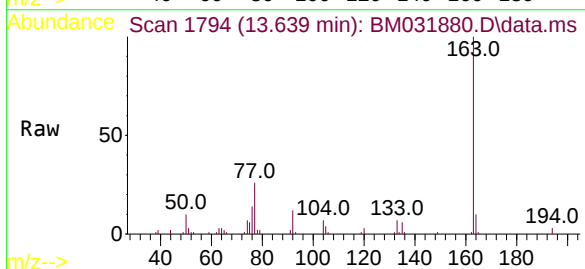
RT: 13.639 min Scan# 1794

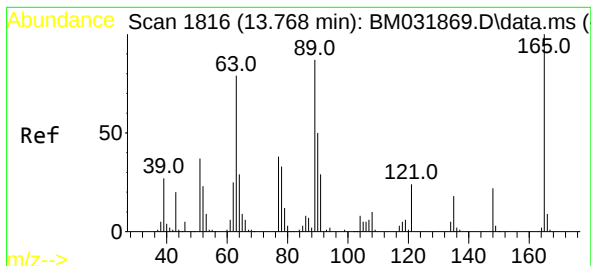
Delta R.T. -0.012 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:163	Resp:	37276
Ion Ratio	Lower	Upper
163	100	
194	3.1	2.9 4.3
164	9.6	8.0 12.0

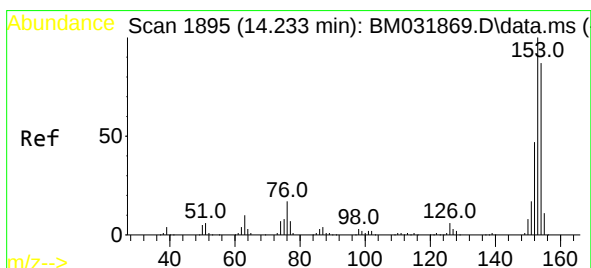
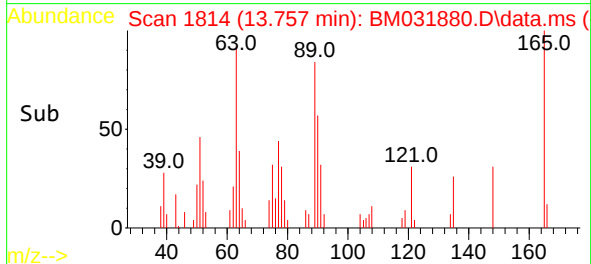
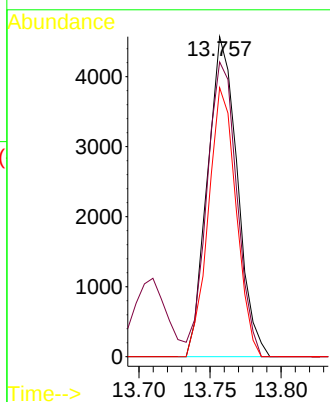
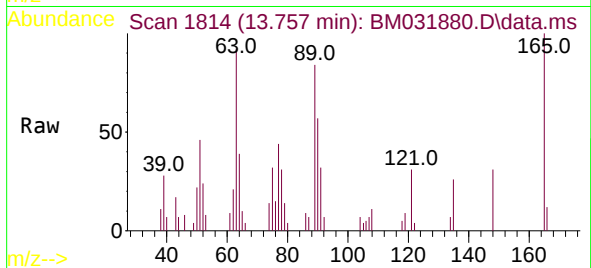




#51
2,6-Dinitrotoluene
Concen: 3.756 ng
RT: 13.757 min Scan# 1814
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

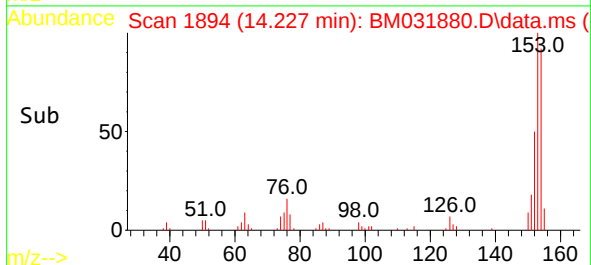
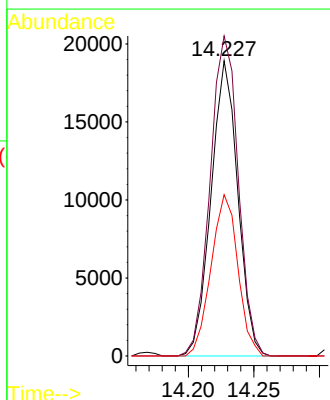
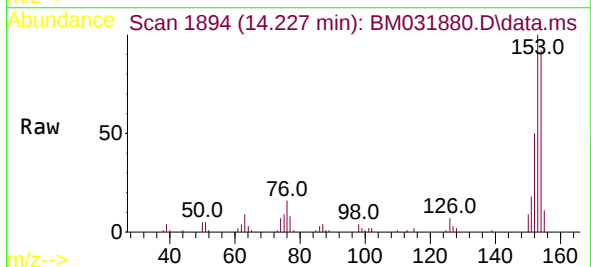
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

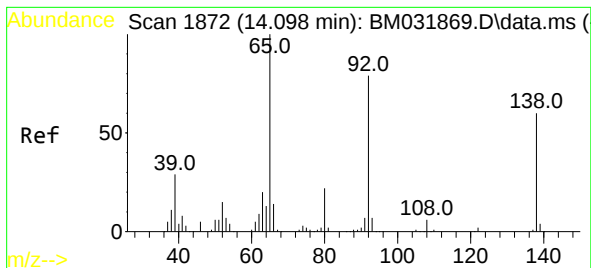
Tgt Ion:165 Resp: 6683
Ion Ratio Lower Upper
165 100
63 92.1 72.4 108.6
89 84.0 69.3 103.9



#52
Acenaphthene
Concen: 4.371 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:154 Resp: 26820
Ion Ratio Lower Upper
154 100
153 108.4 92.4 138.6
152 54.7 43.7 65.5

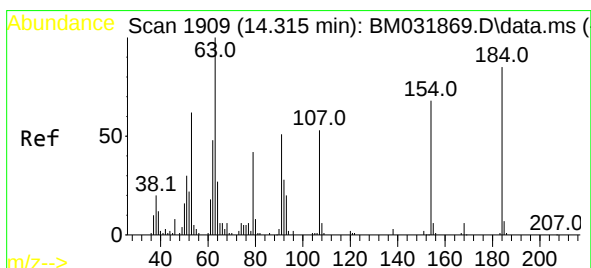
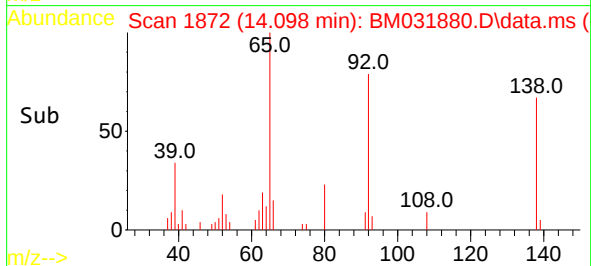
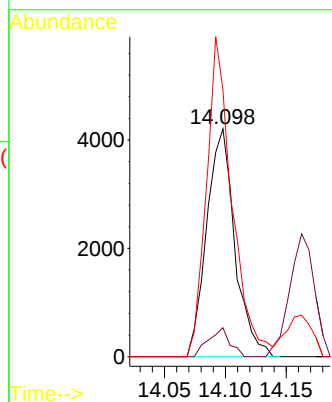
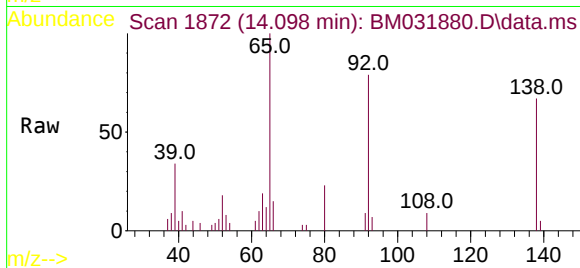




#53
3-Nitroaniline
Concen: 3.877 ng
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

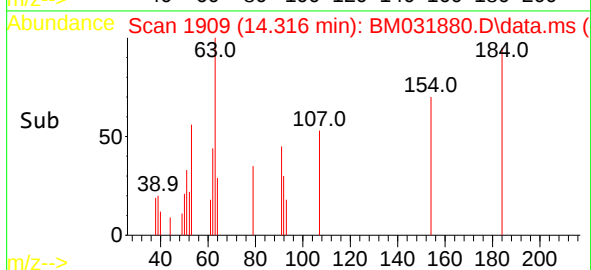
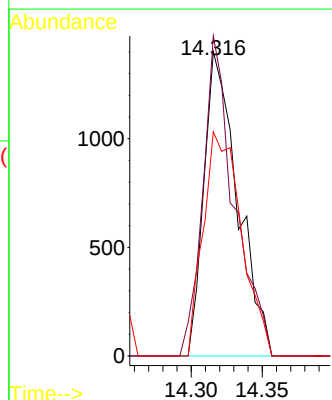
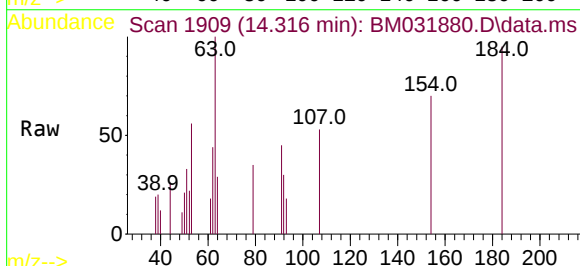
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

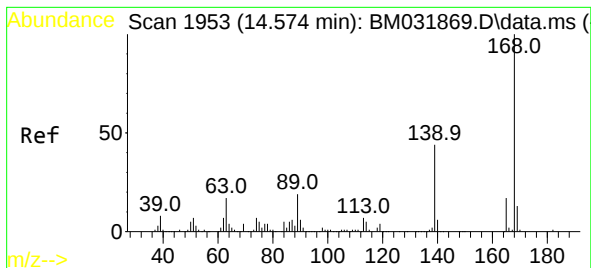
Tgt Ion:138 Resp: 6752
Ion Ratio Lower Upper
138 100
108 12.7 8.3 12.5#
92 117.3 105.2 157.8



#54
2,4-Dinitrophenol
Concen: 2.326 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

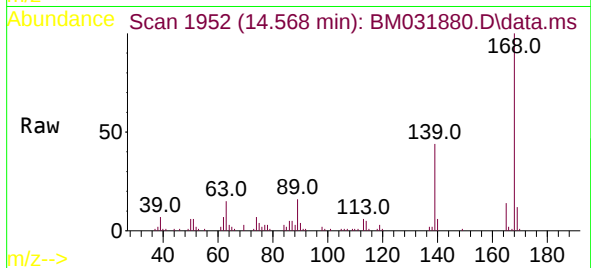
Tgt Ion:184 Resp: 2311
Ion Ratio Lower Upper
184 100
63 105.1 93.8 140.6
154 73.7 64.0 96.0



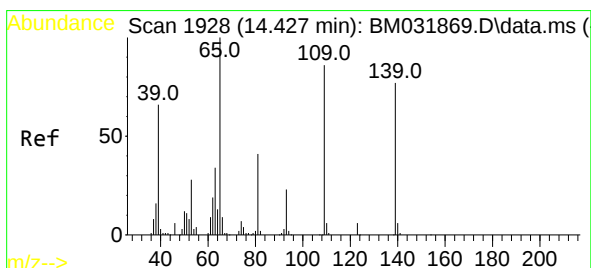
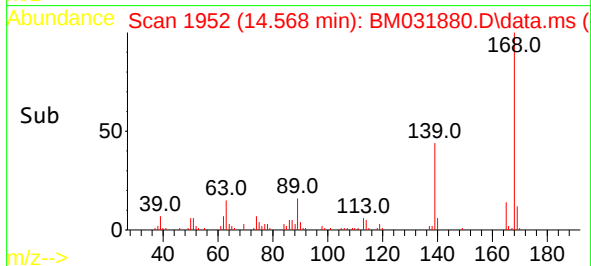
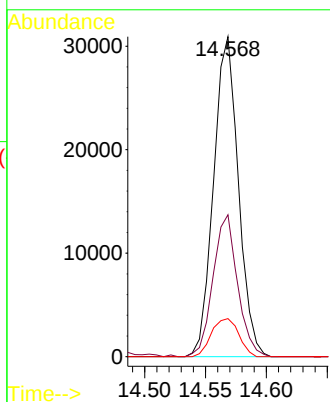


#55
Dibenzenofuran
Concen: 4.311 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

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

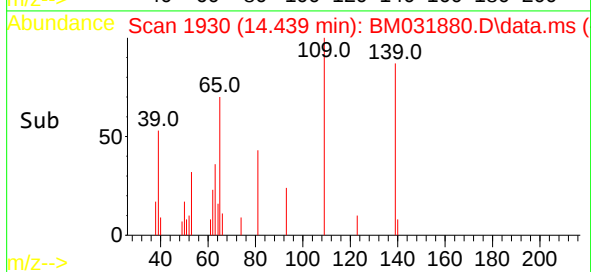
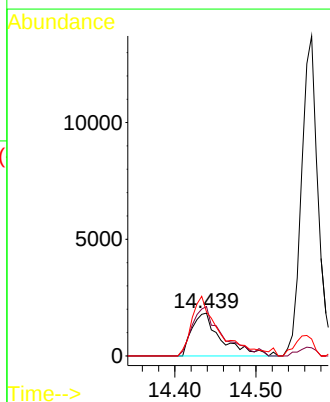
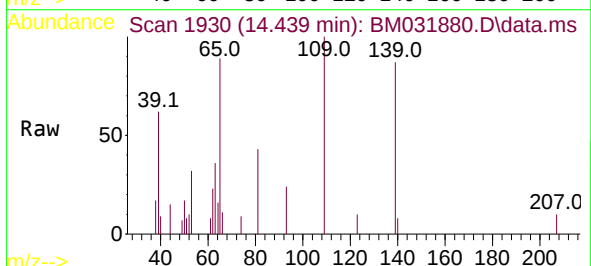


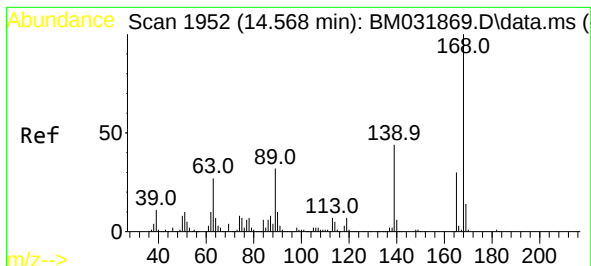
Tgt Ion:168 Resp: 43800
Ion Ratio Lower Upper
168 100
139 44.3 35.0 52.4
169 11.9 10.8 16.2



#56
4-Nitrophenol
Concen: 3.232 ng
RT: 14.439 min Scan# 1930
Delta R.T. 0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:139 Resp: 4635
Ion Ratio Lower Upper
139 100
109 115.0 92.3 132.3
65 102.3 110.5 150.5#

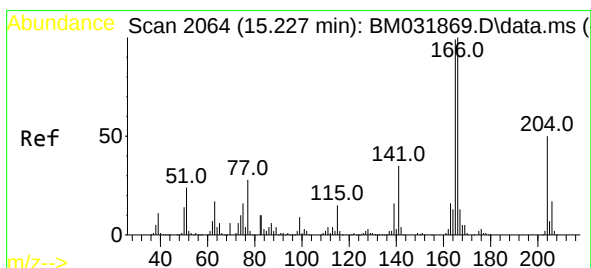
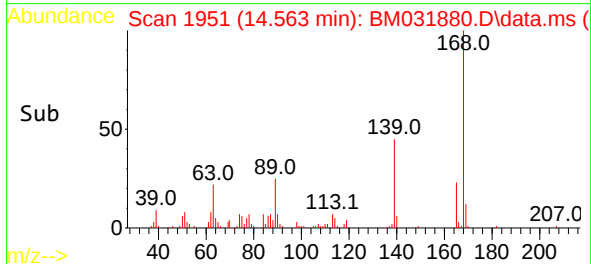
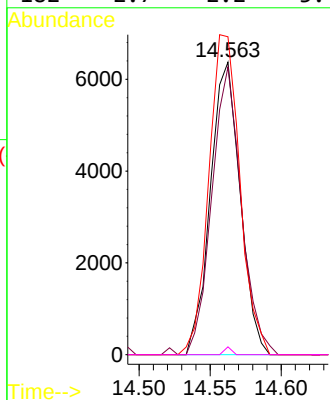
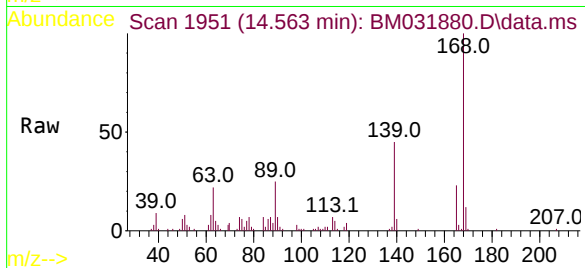




#57
2,4-Dinitrotoluene
Concen: 3.755 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

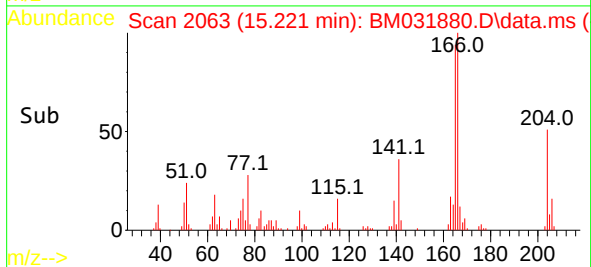
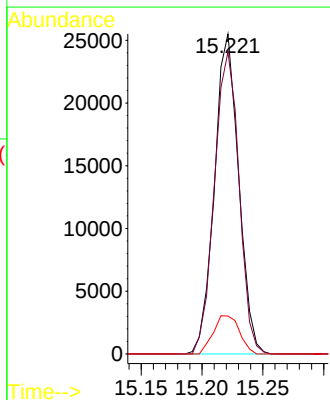
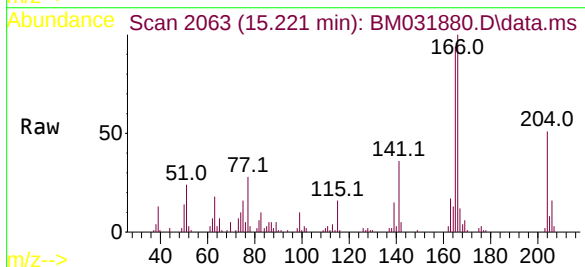
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

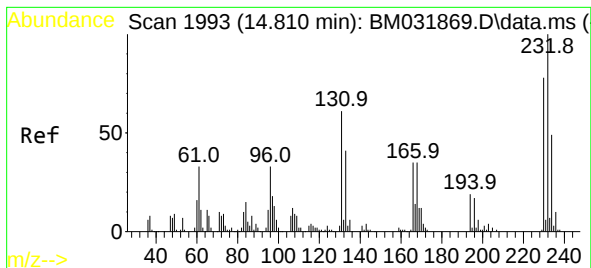
Tgt Ion:165	Resp:	9300
Ion Ratio	Lower	Upper
165	100	
63	98.3	70.3 105.5
89	108.7	83.1 124.7
182	2.7	2.2 3.4



#58
Fluorene
Concen: 4.236 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:166	Resp:	35259
Ion Ratio	Lower	Upper
166	100	
165	94.4	79.3 118.9
167	11.9	10.6 16.0

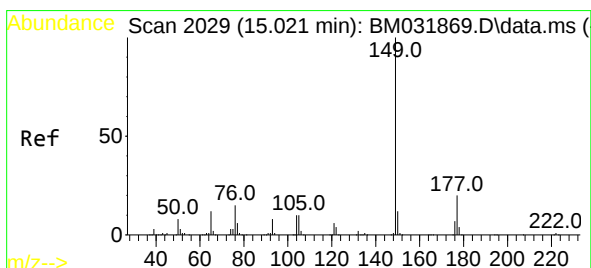
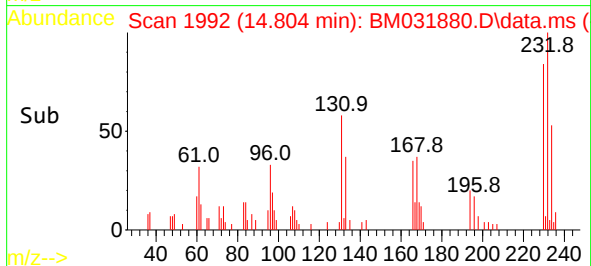
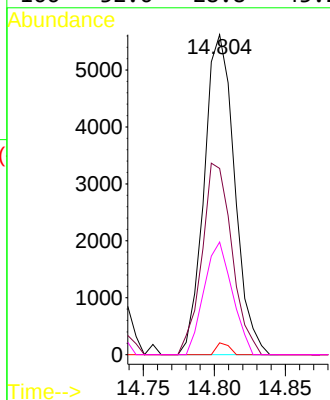
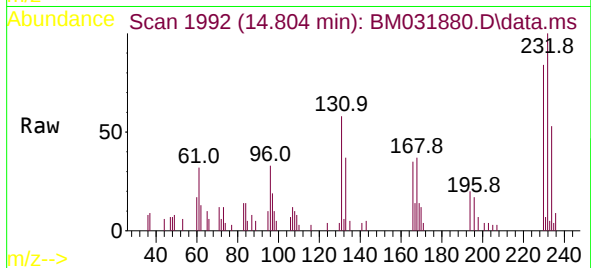




#59
2,3,4,6-Tetrachlorophenol
Concen: 4.301 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

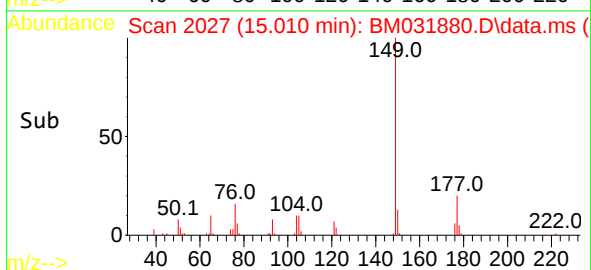
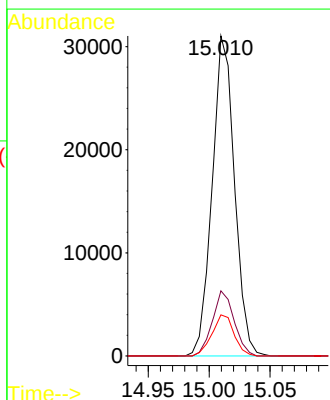
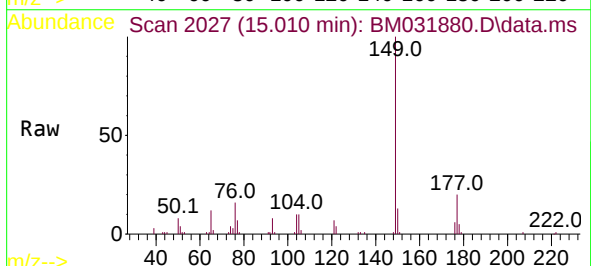
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

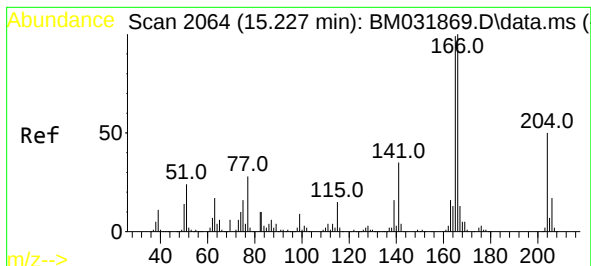
Tgt Ion:232 Resp: 8365
Ion Ratio Lower Upper
232 100
131 59.2 50.6 75.8
130 1.6 3.0 4.4#
166 32.6 28.8 43.2



#60
Diethylphthalate
Concen: 4.452 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:149 Resp: 39535
Ion Ratio Lower Upper
149 100
177 20.3 15.7 23.5
150 12.9 9.6 14.4

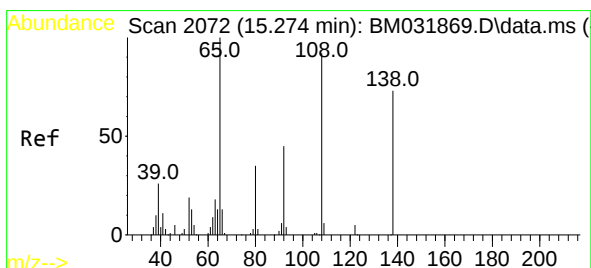
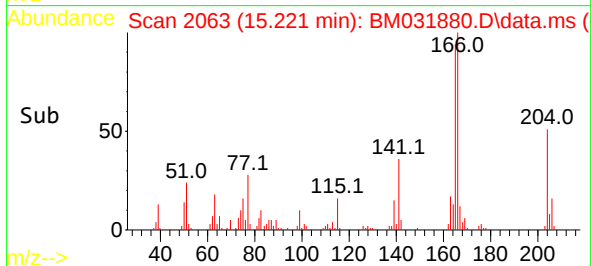
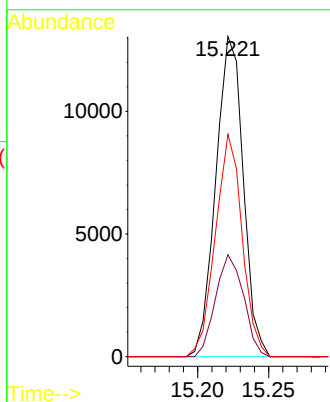
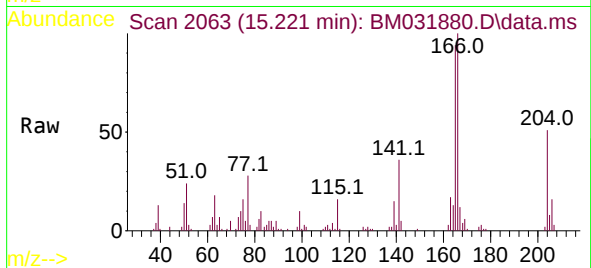




#61
4-Chlorophenyl-phenylether
Concen: 4.395 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

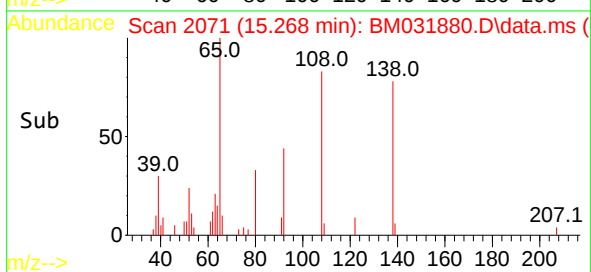
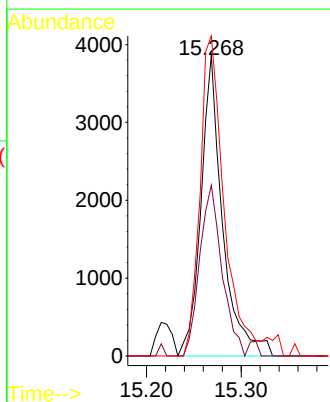
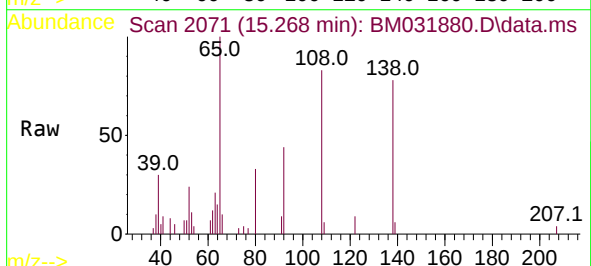
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

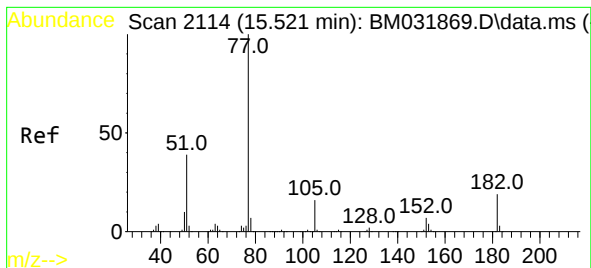
Tgt Ion:204 Resp: 17528
Ion Ratio Lower Upper
204 100
206 31.8 26.7 40.1
141 69.4 55.8 83.8



#62
4-Nitroaniline
Concen: 3.708 ng
RT: 15.268 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:138 Resp: 6143
Ion Ratio Lower Upper
138 100
92 56.7 40.6 80.6
108 106.3 103.8 143.8





#63

Azobenzene

Concen: 3.923 ng

RT: 15.515 min Scan# 2113

Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion: 77 Resp: 40161

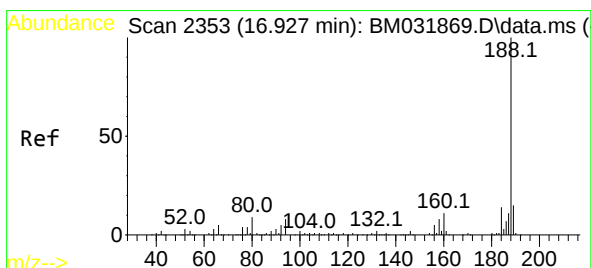
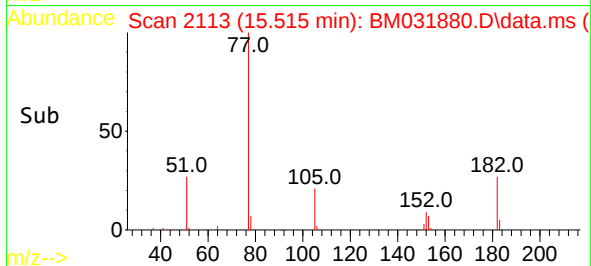
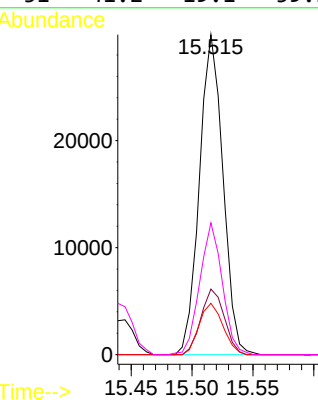
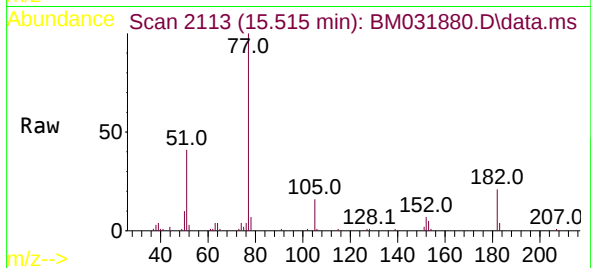
Ion Ratio Lower Upper

77 100

182 20.5 0.0 39.3

105 16.1 0.0 36.1

51 41.2 19.1 59.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.921 min Scan# 2352

Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

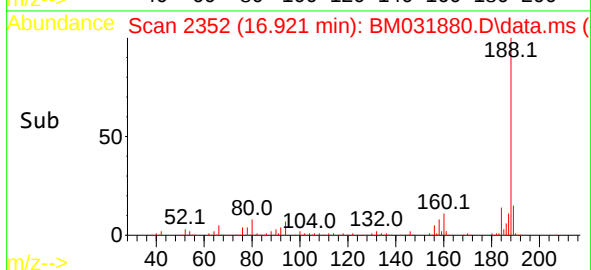
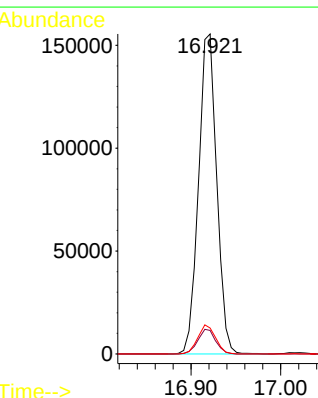
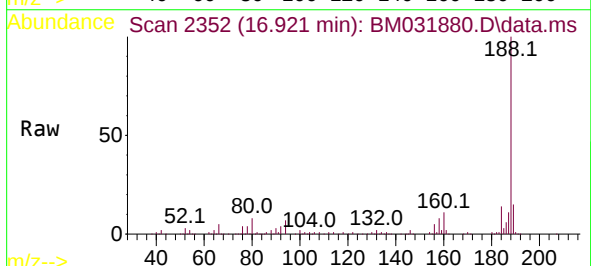
Tgt Ion: 188 Resp: 218793

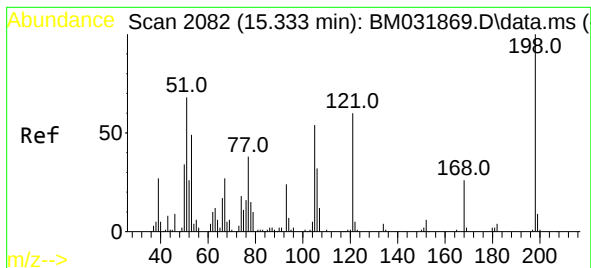
Ion Ratio Lower Upper

188 100

94 7.3 6.3 9.5

80 8.1 7.3 10.9

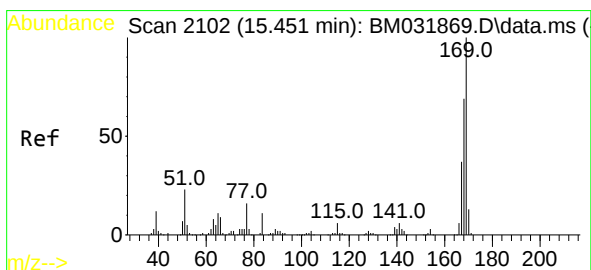
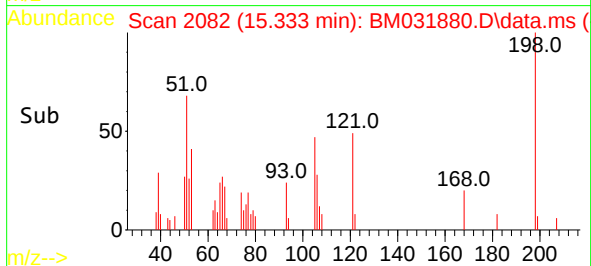
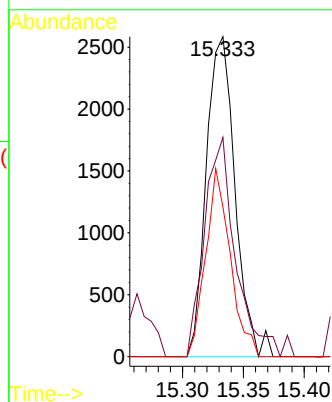
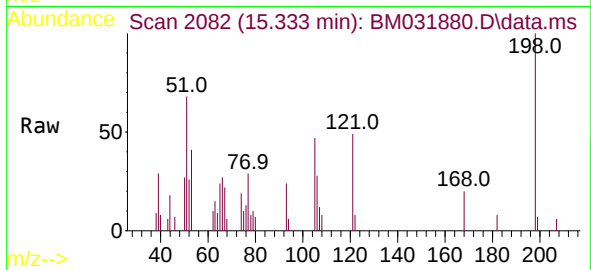




#65
4,6-Dinitro-2-methylphenol
Concen: 2.787 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

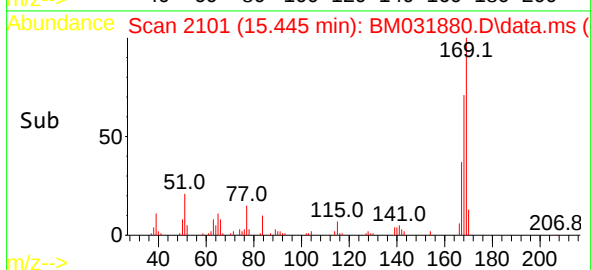
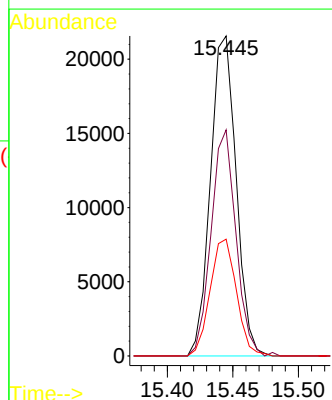
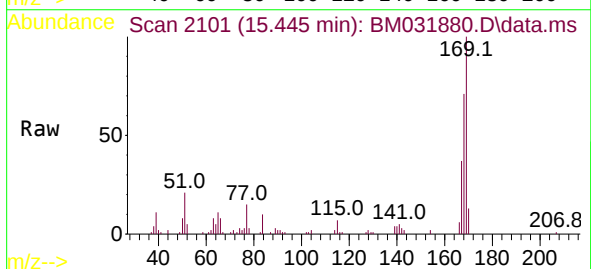
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

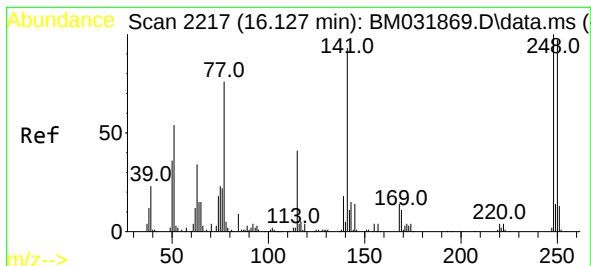
Tgt Ion:198 Resp: 4248
Ion Ratio Lower Upper
198 100
51 68.5 49.7 89.7
105 46.7 34.9 74.9



#66
n-Nitrosodiphenylamine
Concen: 3.979 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:169 Resp: 29394
Ion Ratio Lower Upper
169 100
168 70.6 55.0 82.4
167 36.5 29.8 44.8

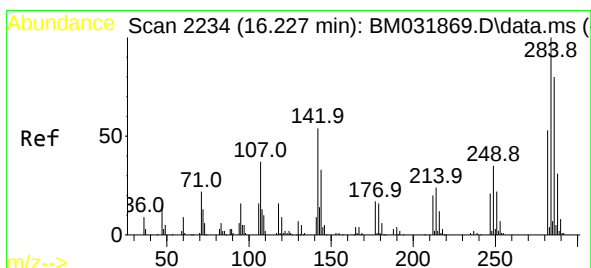
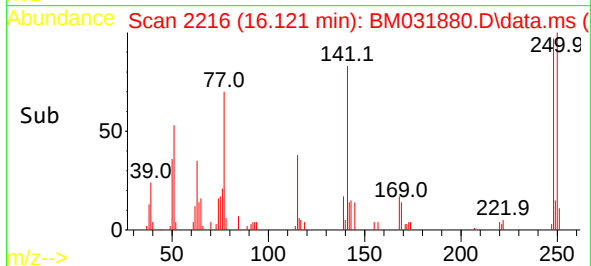
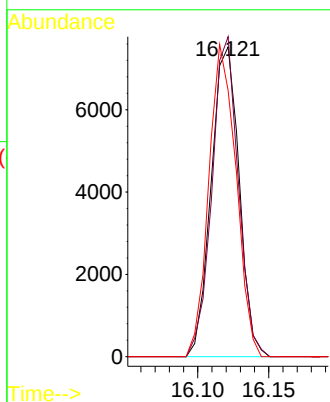
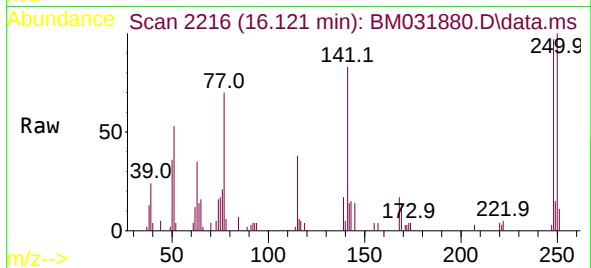




#67
4-Bromophenyl-phenylether
Concen: 4.329 ng
RT: 16.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

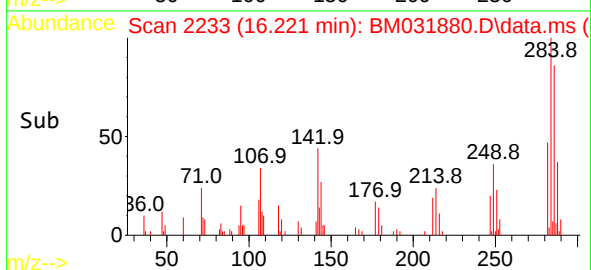
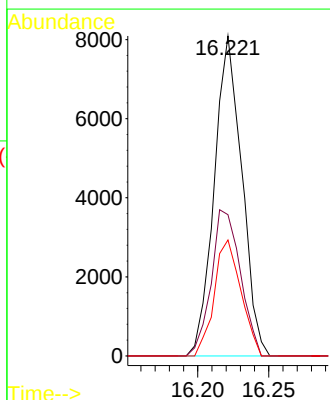
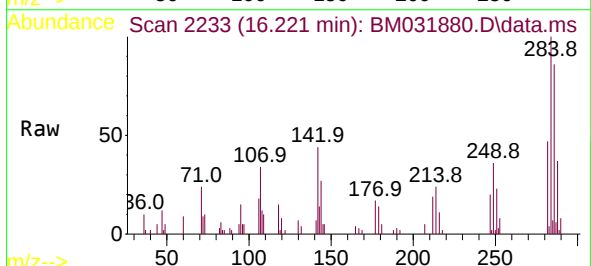
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

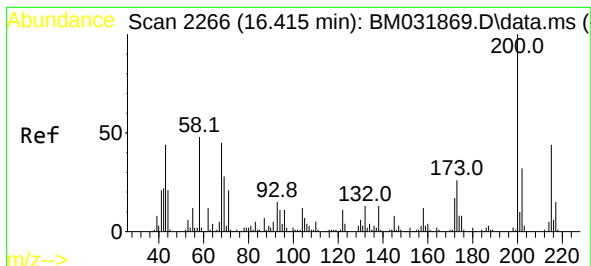
Tgt Ion:248 Resp: 10288
Ion Ratio Lower Upper
248 100
250 103.3 77.4 116.2
141 85.9 74.1 111.1



#68
Hexachlorobenzene
Concen: 4.351 ng
RT: 16.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:284 Resp: 10941
Ion Ratio Lower Upper
284 100
142 44.1 43.0 64.6
249 36.2 27.6 41.4





#69

Atrazine

Concen: 4.548 ng

RT: 16.410 min Scan# 2265

Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:200 Resp: 11232

Ion Ratio Lower Upper

200 100

173 22.8 5.8 45.8

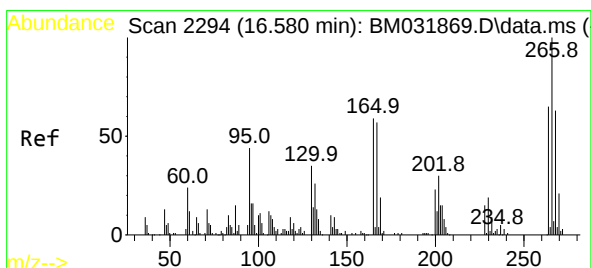
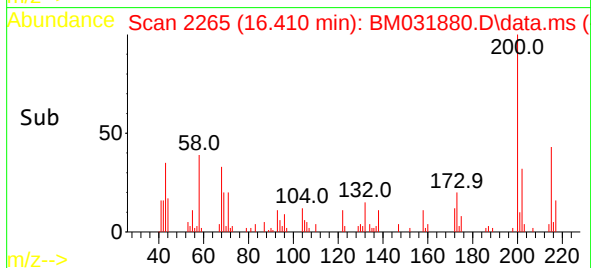
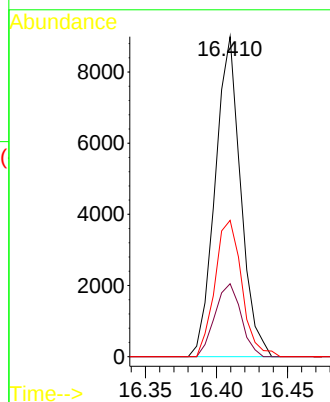
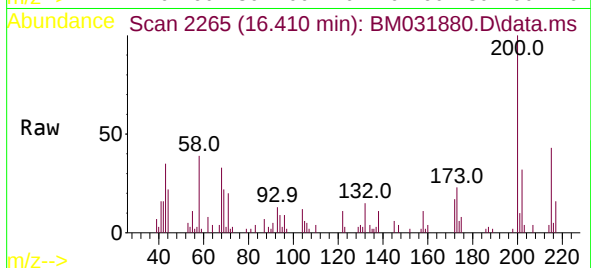
215 42.6 23.6 63.6

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#70

Pentachlorophenol

Concen: 3.719 ng

RT: 16.580 min Scan# 2294

Delta R.T. 0.000 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

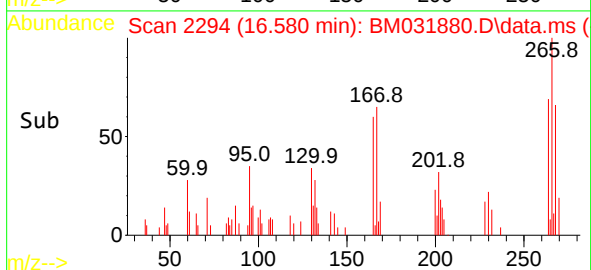
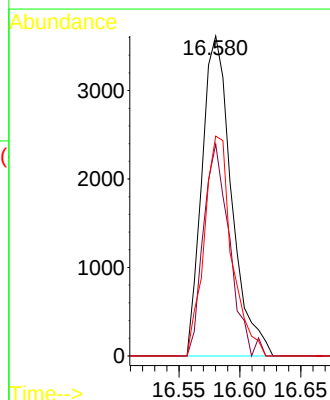
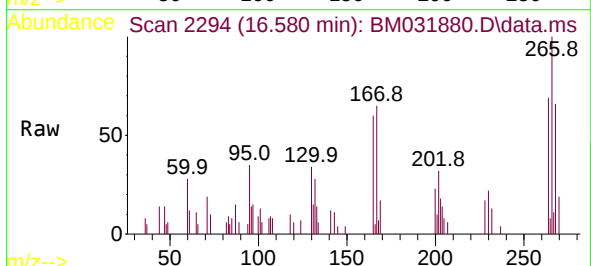
Tgt Ion:266 Resp: 6117

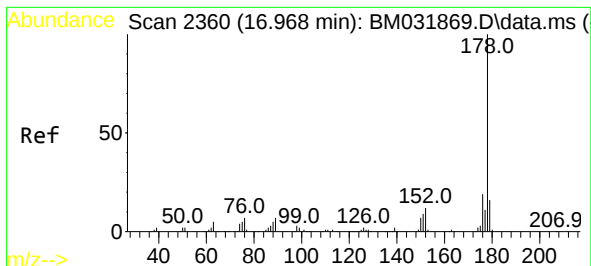
Ion Ratio Lower Upper

266 100

268 66.2 50.3 75.5

264 68.7 52.1 78.1

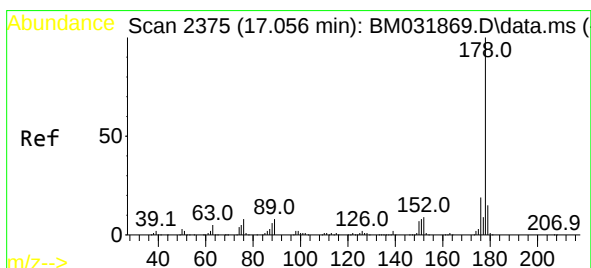
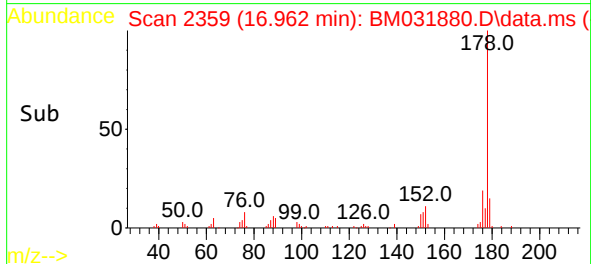
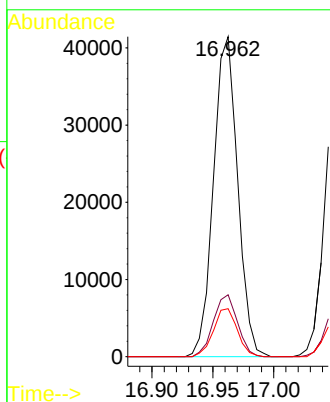
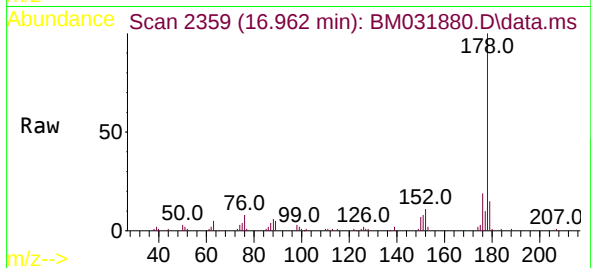




#71
Phenanthrene
Concen: 4.341 ng
RT: 16.962 min Scan# 2359
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

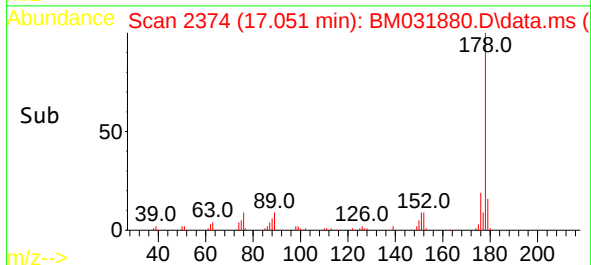
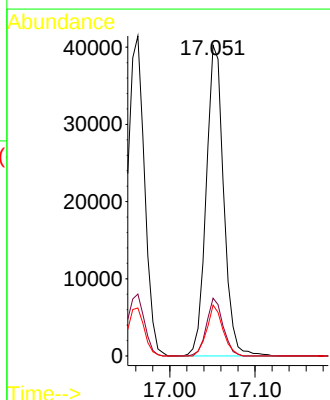
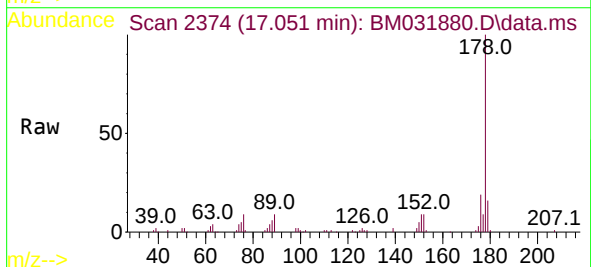
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

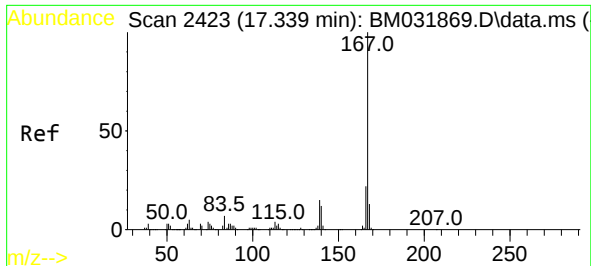
Tgt Ion:178 Resp: 57203
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 15.0 12.4 18.6



#72
Anthracene
Concen: 4.420 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:178 Resp: 57302
Ion Ratio Lower Upper
178 100
176 18.6 14.8 22.2
179 16.4 12.3 18.5

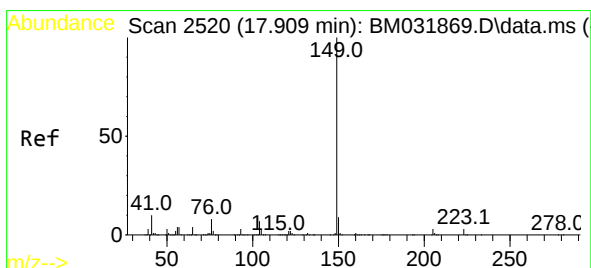
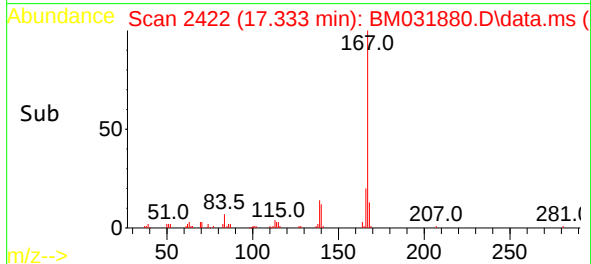
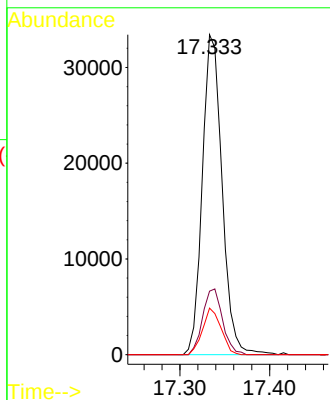
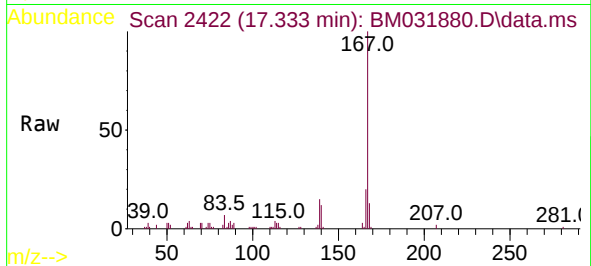




#73
Carbazole
Concen: 4.105 ng
RT: 17.333 min Scan# 2422
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

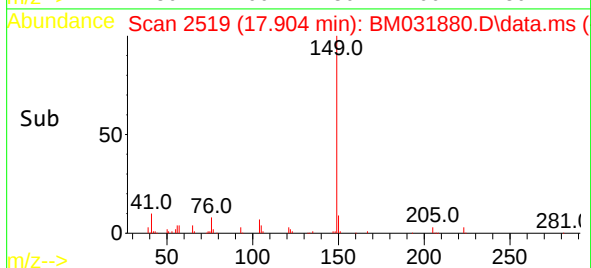
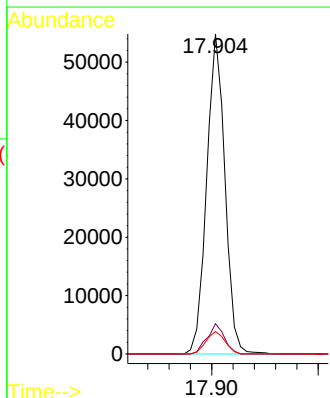
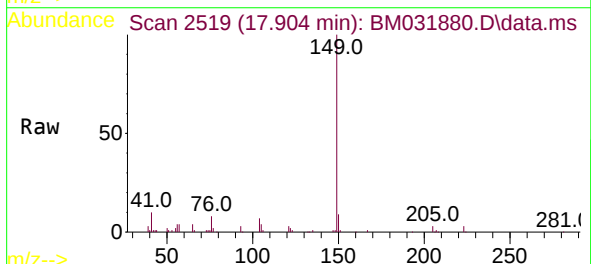
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

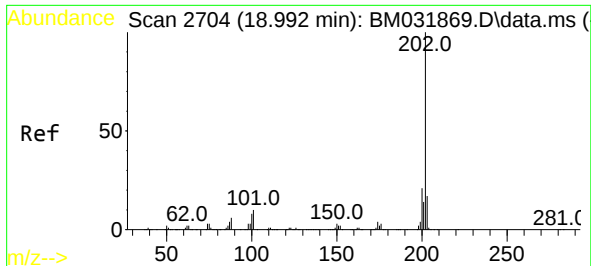
Tgt Ion:167 Resp: 51184
Ion Ratio Lower Upper
167 100
166 19.8 17.4 26.0
139 14.5 11.9 17.9



#74
Di-n-butylphthalate
Concen: 3.919 ng
RT: 17.904 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:149 Resp: 65096
Ion Ratio Lower Upper
149 100
150 9.5 7.3 10.9
104 7.1 5.6 8.4

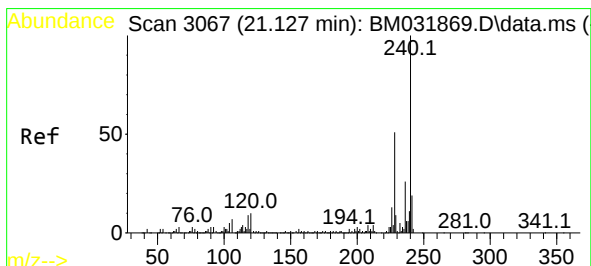
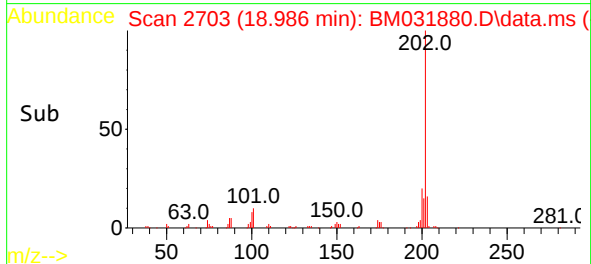
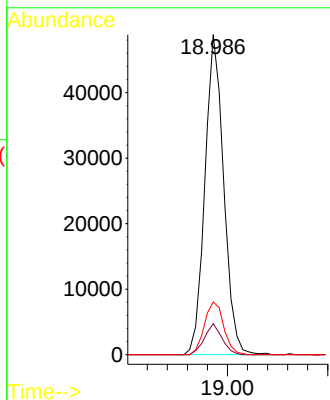
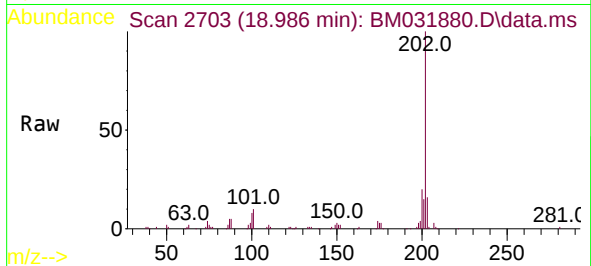




#75
Fluoranthene
Concen: 4.345 ng
RT: 18.986 min Scan# 2703
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

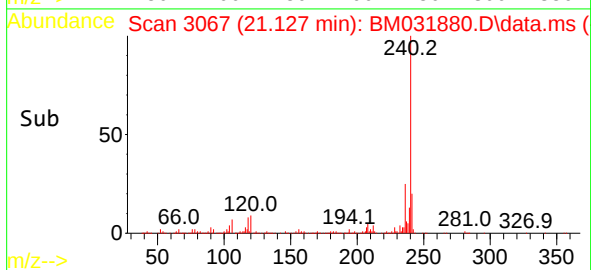
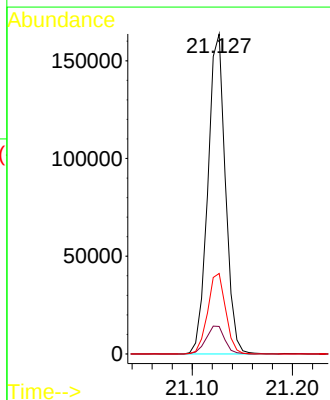
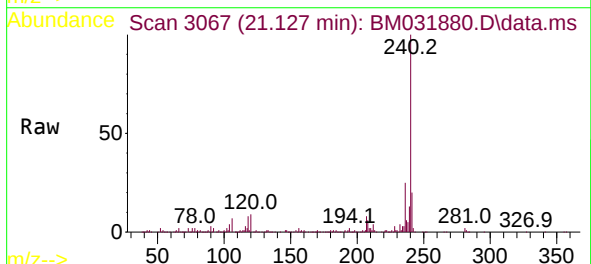
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

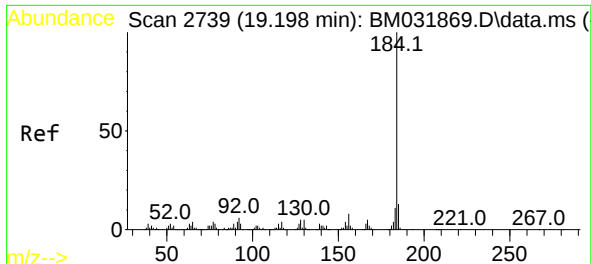
Tgt Ion:	202	Resp:	63647
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	29.9
203	16.5	0.0	36.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:	240	Resp:	199286
Ion Ratio	Lower	Upper	
240	100		
120	8.6	7.8	11.6
236	25.2	20.9	31.3

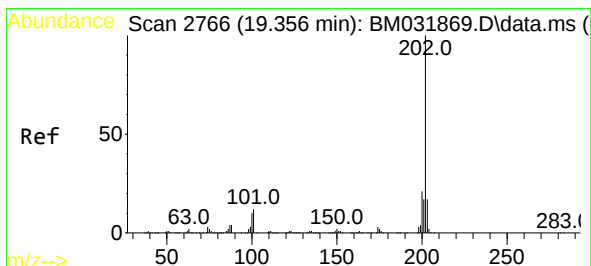
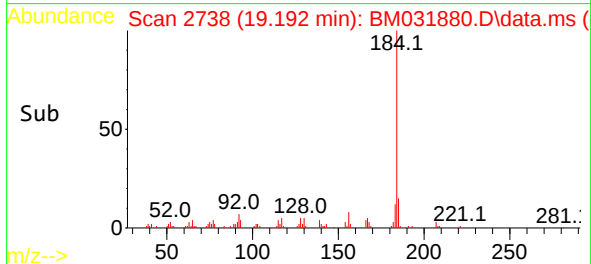
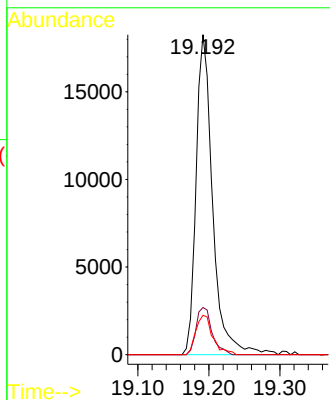
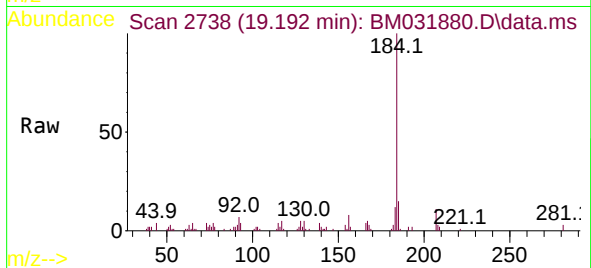




#77
Benzidine
Concen: 5.824 ng
RT: 19.192 min Scan# 2738
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

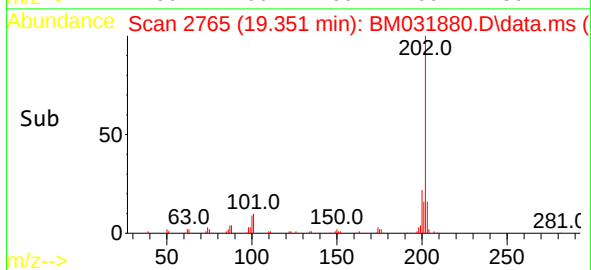
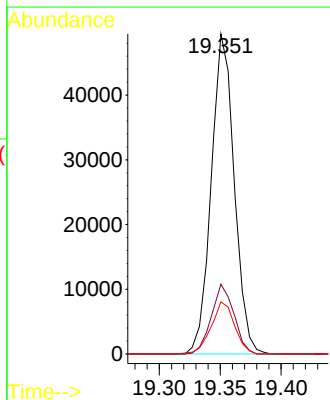
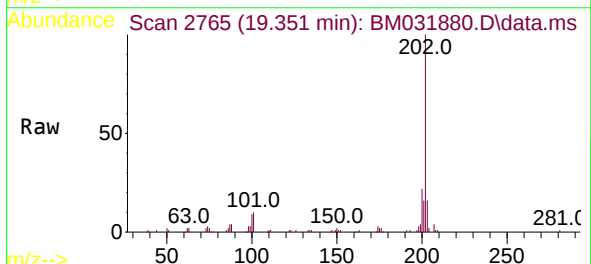
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

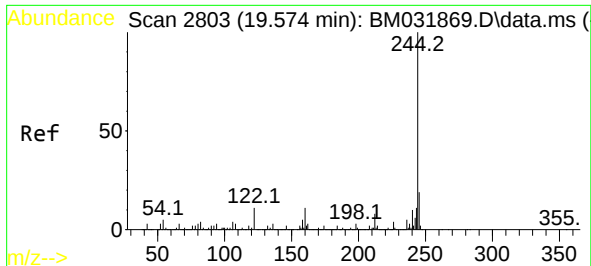
Tgt Ion:184 Resp: 29681
Ion Ratio Lower Upper
184 100
185 14.8 10.6 16.0
183 12.3 9.0 13.4



#78
Pyrene
Concen: 4.064 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:202 Resp: 64903
Ion Ratio Lower Upper
202 100
200 21.8 16.6 25.0
203 16.3 13.7 20.5

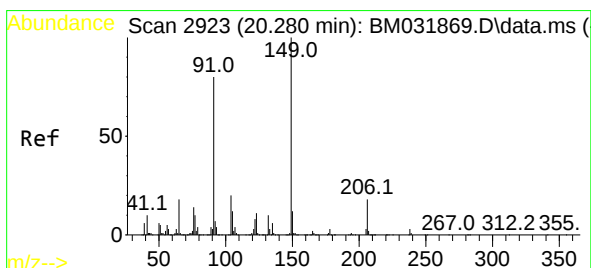
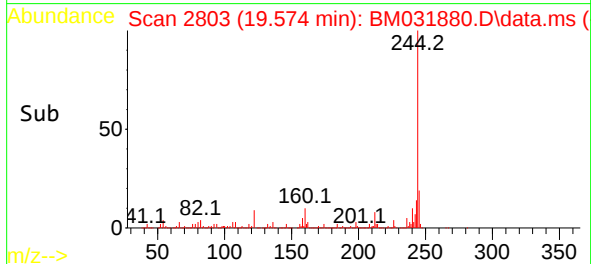
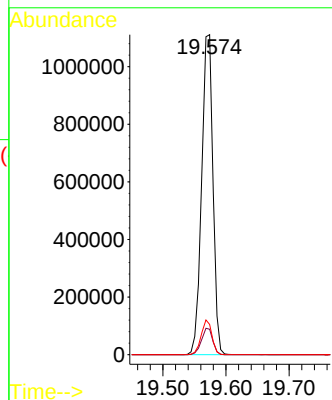
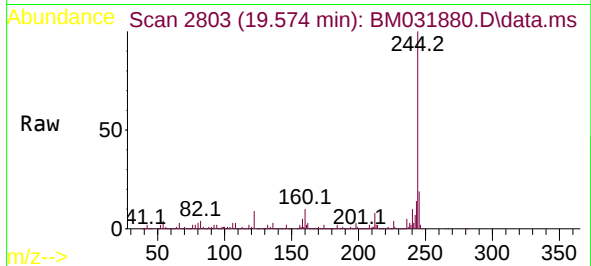




#79
Terphenyl-d14
Concen: 104.338 ng
RT: 19.574 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

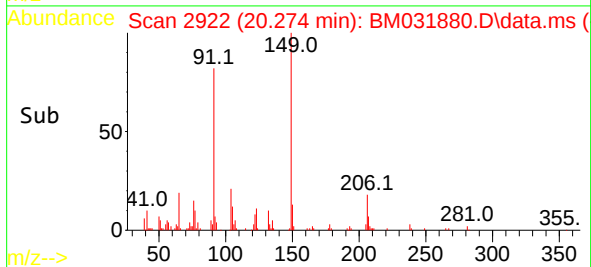
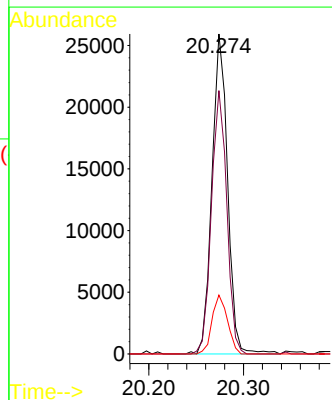
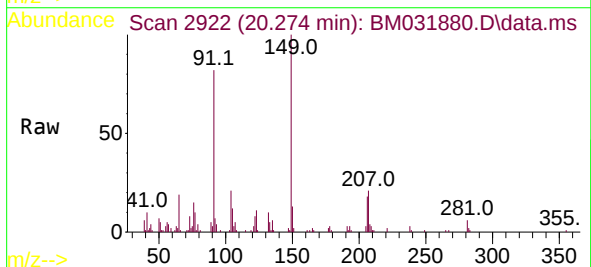
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

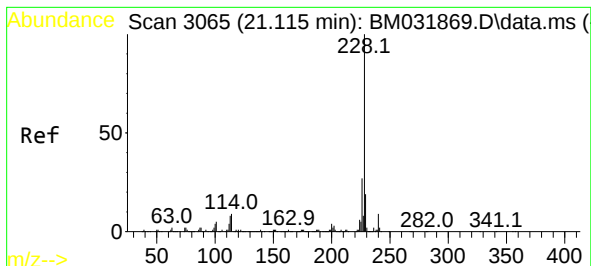
Tgt Ion:244 Resp: 1382100
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.5 8.7 13.1



#80
Butylbenzylphthalate
Concen: 3.765 ng
RT: 20.274 min Scan# 2922
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:149 Resp: 29639
Ion Ratio Lower Upper
149 100
91 82.3 64.0 96.0
206 18.4 14.4 21.6

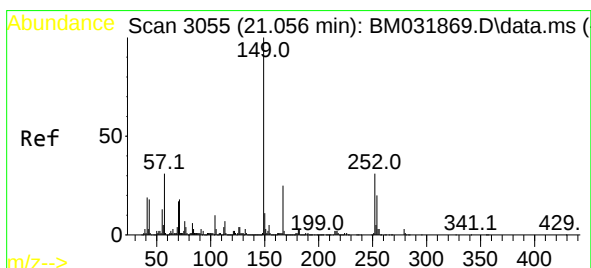
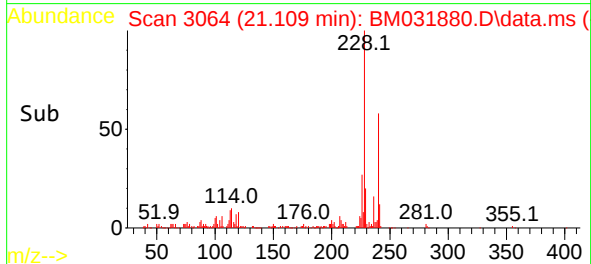
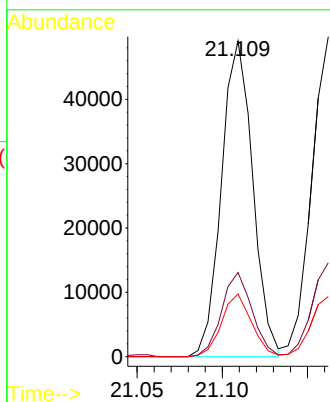
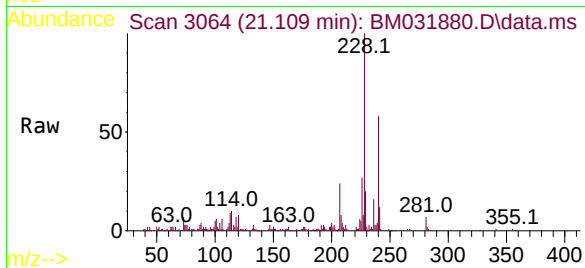




#81
Benzo(a)anthracene
Concen: 4.283 ng
RT: 21.109 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

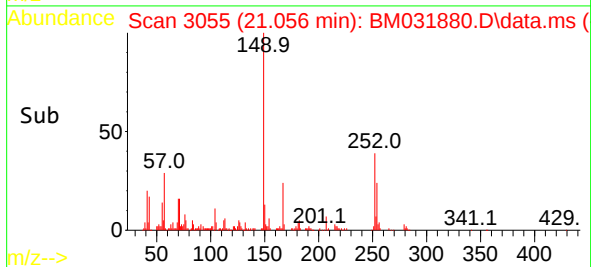
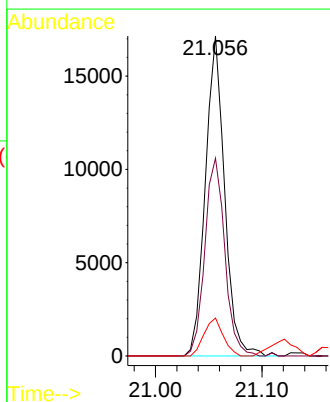
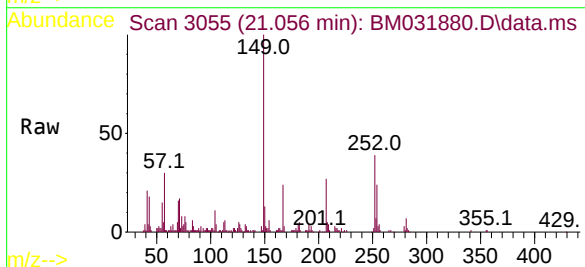
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

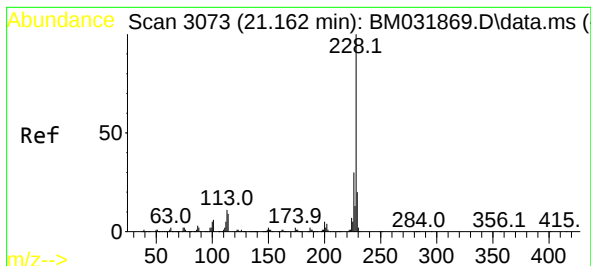
Tgt Ion:228 Resp: 62576
Ion Ratio Lower Upper
228 100
226 26.7 21.4 32.2
229 19.9 15.3 22.9



#82
3,3'-Dichlorobenzidine
Concen: 4.983 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:252 Resp: 21553
Ion Ratio Lower Upper
252 100
254 61.8 51.6 77.4
126 11.9 9.7 14.5





#83

Chrysene

Concen: 4.319 ng

RT: 21.162 min Scan# 3073

Delta R.T. 0.000 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

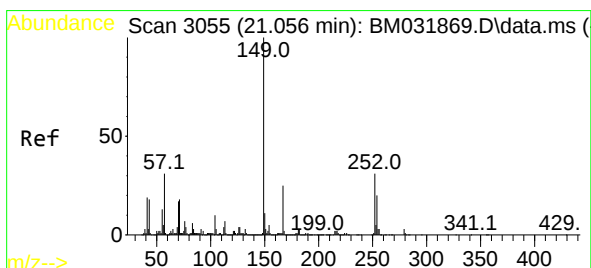
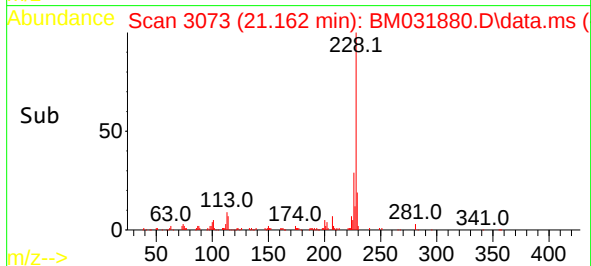
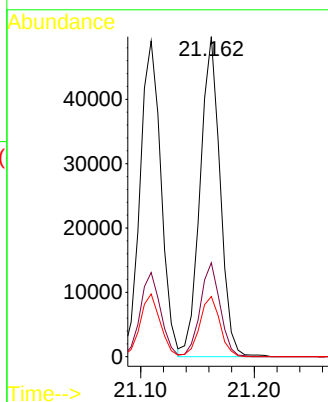
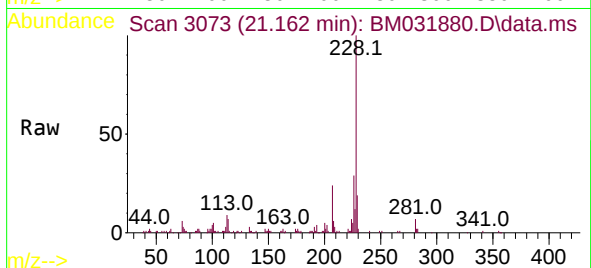
Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021

Tgt Ion:	228	Resp:	60728
Ion Ratio	Lower	Upper	
228	100		
226	29.4	24.0	36.0
229	18.8	16.0	24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.622 ng

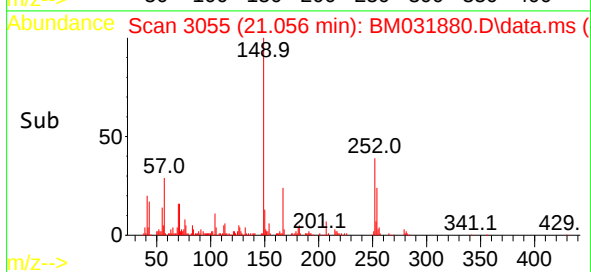
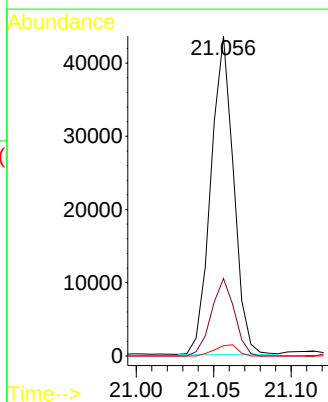
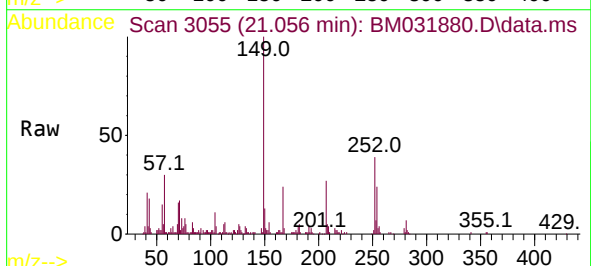
RT: 21.056 min Scan# 3055

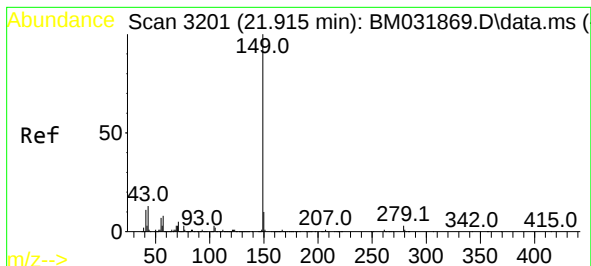
Delta R.T. 0.000 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:	149	Resp:	44374
Ion Ratio	Lower	Upper	
149	100		
167	24.2	19.7	29.5
279	3.2	2.6	4.0

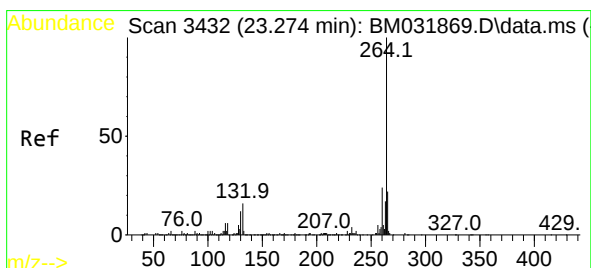
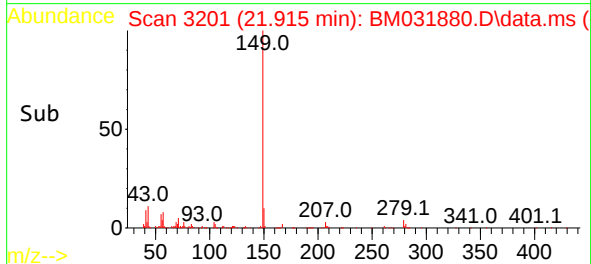
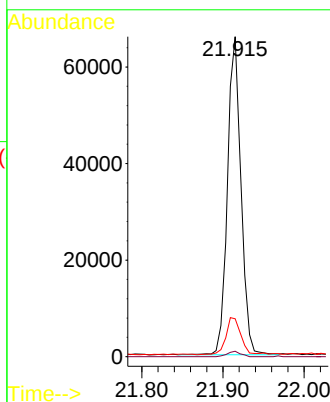
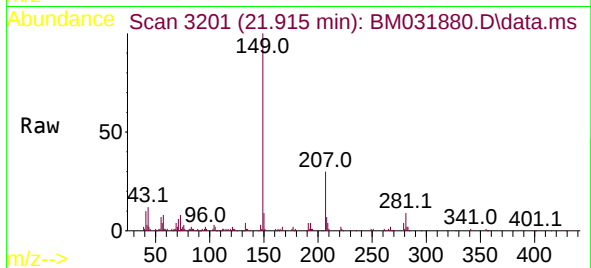




#85
Di-n-octyl phthalate
Concen: 3.891 ng
RT: 21.915 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

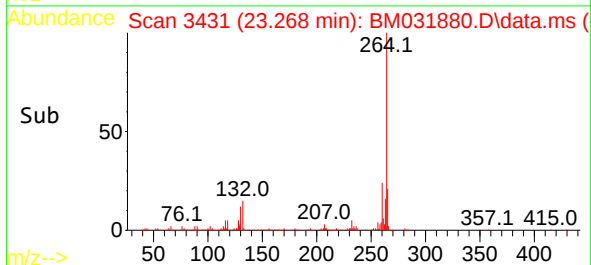
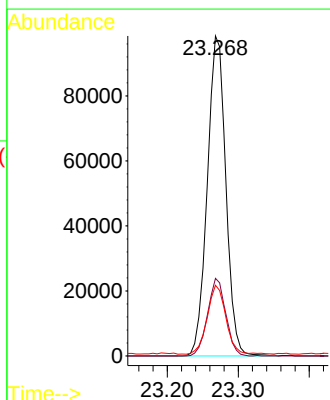
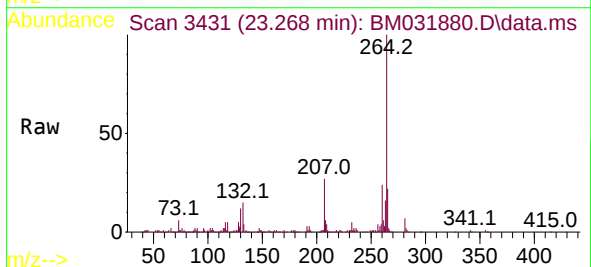
Instrument :
BNA_M
ClientSampleId :
LOQ-SOIL-02-QT2-2021

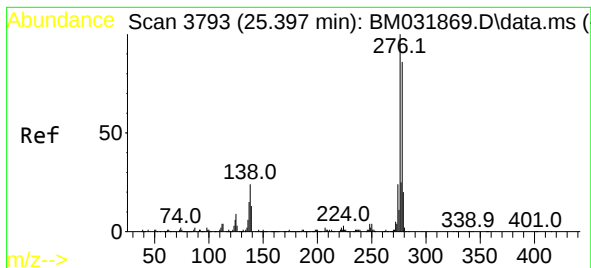
Tgt Ion:149 Resp: 76252
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 13.4 10.4 15.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.268 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:264 Resp: 178688
Ion Ratio Lower Upper
264 100
260 24.2 19.3 28.9
265 22.1 18.3 27.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.784 ng

RT: 25.385 min Scan# 3791

Delta R.T. -0.012 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

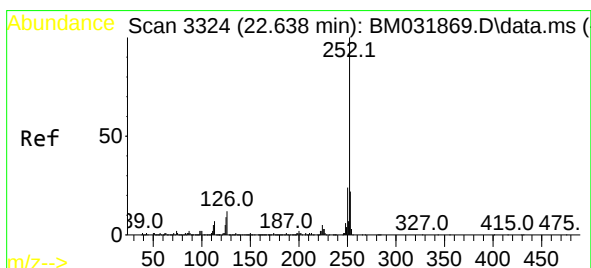
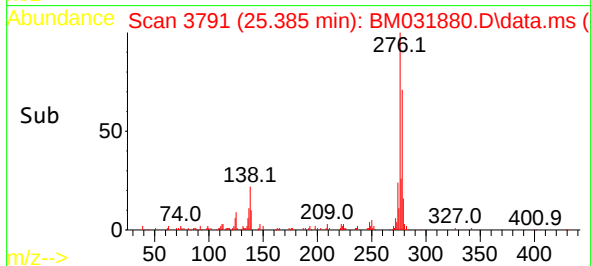
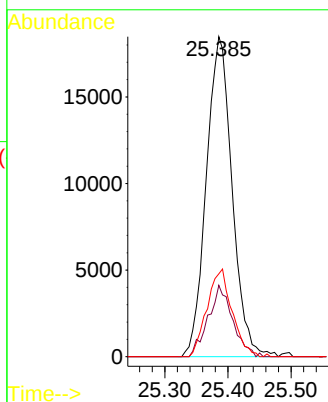
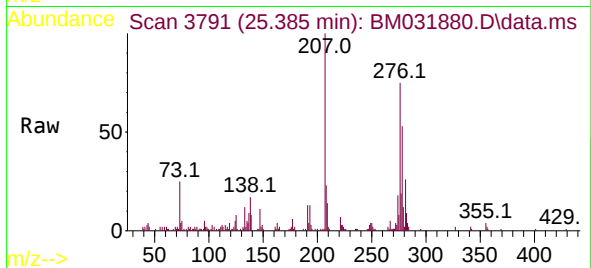
Tgt Ion:	276	Resp:	52487
Ion Ratio	Lower	Upper	
276	100		
138	21.1	18.4	27.6
277	26.5	20.1	30.1

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#88

Benzo(b)fluoranthene

Concen: 4.418 ng

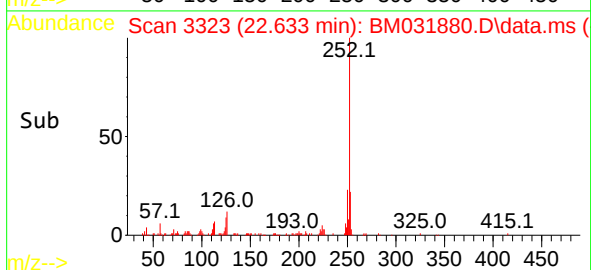
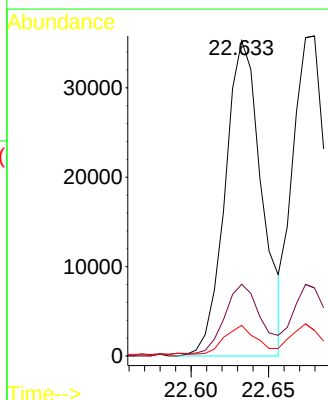
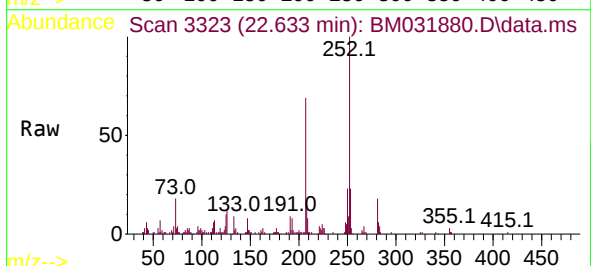
RT: 22.633 min Scan# 3323

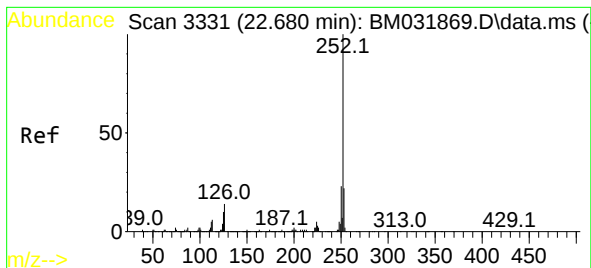
Delta R.T. -0.006 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:	252	Resp:	58140
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.0	27.0
125	9.7	7.5	11.3





#89

Benzo(k)fluoranthene

Concen: 4.301 ng

RT: 22.680 min Scan# 3331

Delta R.T. 0.000 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

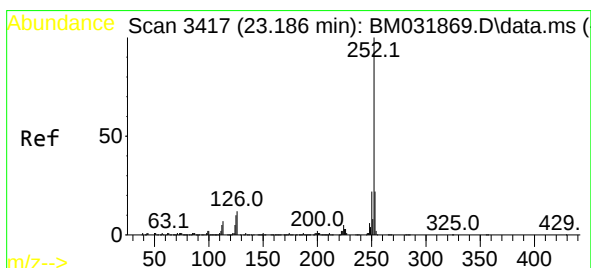
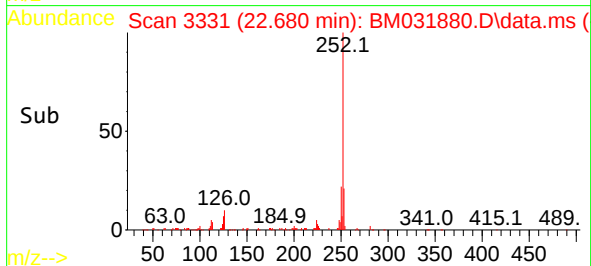
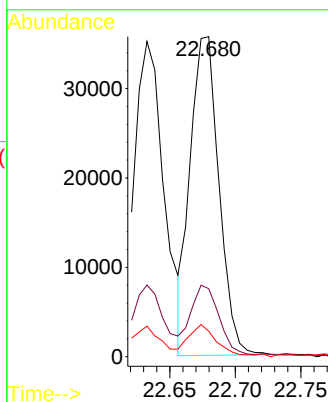
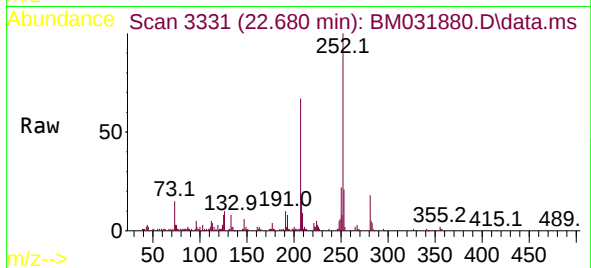
Tgt Ion:	252	Resp:	54472
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.3	25.9
125	8.0	7.5	11.3

Instrument :

BNA_M

ClientSampleId :

LOQ-SOIL-02-QT2-2021



#90

Benzo(a)pyrene

Concen: 4.567 ng

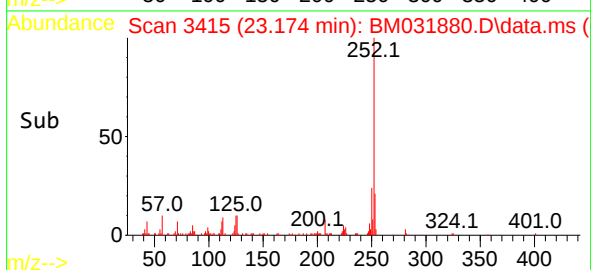
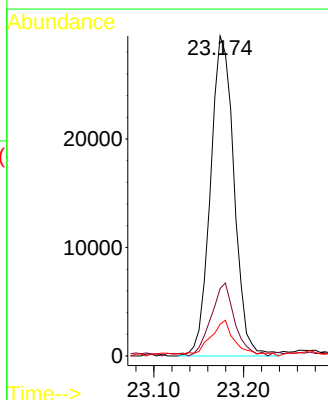
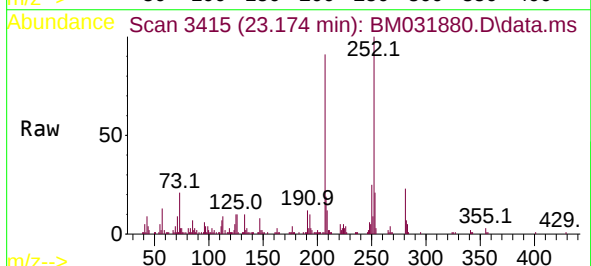
RT: 23.174 min Scan# 3415

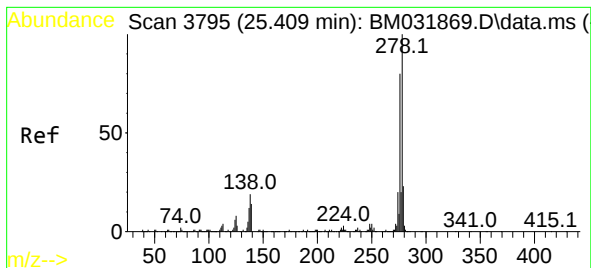
Delta R.T. -0.012 min

Lab File: BM031880.D

Acq: 24 Aug 2021 11:41

Tgt Ion:	252	Resp:	53965
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.4	26.2
125	9.9	8.1	12.1

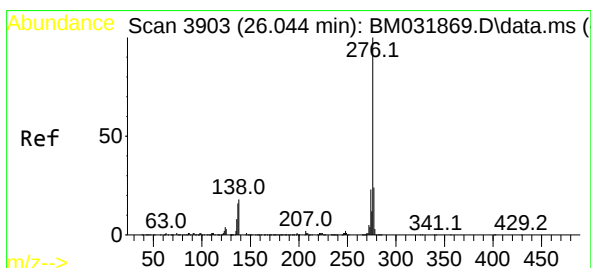
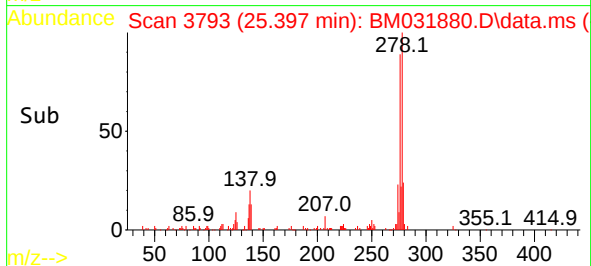
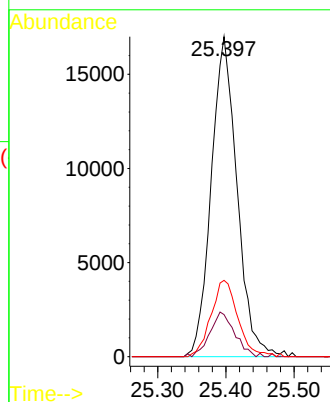
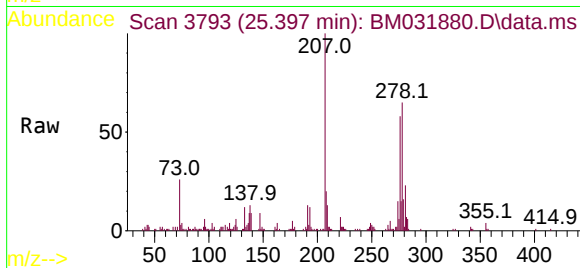




#91
Dibenzo(a,h)anthracene
Concen: 3.693 ng
RT: 25.397 min Scan# 3793
Delta R.T. -0.012 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

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

Tgt Ion:	278	Resp:	44729
Ion Ratio	Lower	Upper	
278	100		
139	13.1	10.9	16.3
279	23.8	18.2	27.2



#92
Benzo(g,h,i)perylene
Concen: 3.791 ng
RT: 26.027 min Scan# 3900
Delta R.T. -0.018 min
Lab File: BM031880.D
Acq: 24 Aug 2021 11:41

Tgt Ion:	276	Resp:	42732
Ion Ratio	Lower	Upper	
276	100		
277	24.5	19.4	29.0
138	19.5	14.6	22.0

