

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082421\
 Data File : BM031878.D
 Acq On : 24 Aug 2021 09:52
 Operator : CG/JU
 Sample : M2262-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Quant Time: Aug 24 10:37:26 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 10:28:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	28976	20.000	ng	0.00
21) Naphthalene-d8	10.281	136	122095	20.000	ng	0.00
39) Acenaphthene-d10	14.163	164	79608	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	164521	20.000	ng	0.00
76) Chrysene-d12	21.127	240	128458	20.000	ng	0.00
86) Perylene-d12	23.274	264	118623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.163	112	213370	108.326	ng	0.00
7) Phenol-d6	6.722	99	260730	98.552	ng	0.00
23) Nitrobenzene-d5	8.675	82	186028	62.043	ng	-0.01
42) 2,4,6-Tribromophenol	15.668	330	83889	95.632	ng	0.00
45) 2-Fluorobiphenyl	12.774	172	365974	59.150	ng	0.00
79) Terphenyl-d14	19.568	244	566566	66.354	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.175	88	2553	3.991	ng	# 90
3) Pyridine	3.575	79	5447	2.825	ng	# 84
4) n-Nitrosodimethylamine	3.487	42	3354	3.986	ng	# 1
6) Aniline	6.875	93	10704	3.802	ng	99
8) 2-Chlorophenol	7.098	128	7319	3.465	ng	94
9) Benzaldehyde	6.693	77	8565	4.898	ng	90
10) Phenol	6.745	94	9022	3.413	ng	84
11) bis(2-Chloroethyl)ether	6.975	93	6965	3.483	ng	98
12) 1,3-Dichlorobenzene	7.410	146	7763	3.397	ng	94
13) 1,4-Dichlorobenzene	7.563	146	8438	3.636	ng	94
14) 1,2-Dichlorobenzene	7.863	146	7830	3.464	ng	96
15) Benzyl Alcohol	7.775	79	6479	2.980	ng	87
16) 2,2'-oxybis(1-Chloropr...	8.045	45	11029	3.691	ng	94
17) 2-Methylphenol	7.975	107	5878	3.303	ng	95
18) Hexachloroethane	8.575	117	3638	3.681	ng	90
19) n-Nitroso-di-n-propyla...	8.334	70	5707	2.866	ng	95
20) 3+4-Methylphenols	8.298	107	7807	3.146	ng	92
22) Acetophenone	8.345	105	12689	3.564	ng	# 98
24) Nitrobenzene	8.716	77	10930	3.559	ng	97
25) Isophorone	9.239	82	16727	3.109	ng	98
26) 2-Nitrophenol	9.422	139	3294	2.842	ng	94
27) 2,4-Dimethylphenol	9.486	122	6108	3.423	ng	99
28) bis(2-Chloroethoxy)met...	9.728	93	9195	3.516	ng	96
29) 2,4-Dichlorophenol	9.957	162	6086	3.010	ng	92
30) 1,2,4-Trichlorobenzene	10.151	180	7259	3.381	ng	95
31) Naphthalene	10.333	128	23834	3.404	ng	97
32) Benzoic acid	9.581	122	2166	1.432	ng	# 86
33) 4-Chloroaniline	10.469	127	8977	3.229	ng	96
34) Hexachlorobutadiene	10.610	225	4194	3.126	ng	91
35) Caprolactam	11.263	113	1488m	2.326	ng	
36) 4-Chloro-3-methylphenol	11.598	107	7494	3.122	ng	91
37) 2-Methylnaphthalene	11.957	142	16797	3.328	ng	93
38) 1-Methylnaphthalene	12.175	142	15909	3.348	ng	88
40) 1,2,4,5-Tetrachloroben...	12.333	216	7784	3.402	ng	99
41) Hexachlorocyclopentadiene	12.298	237	2809	2.532	ng	96
43) 2,4,6-Trichlorophenol	12.586	196	4916	2.911	ng	89

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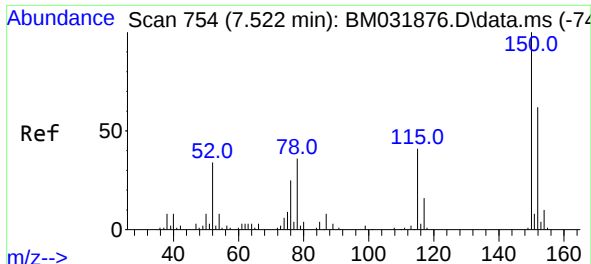
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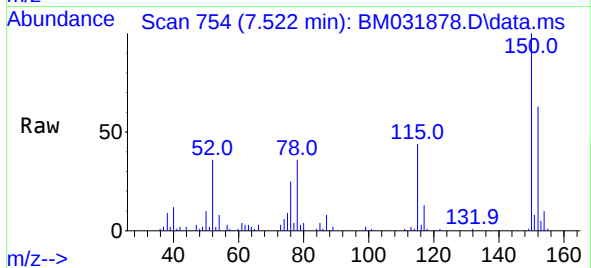
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 24 10:28:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.663	196	4889	2.714	ng	94
46) 1,1'-Biphenyl	12.986	154	22410	3.490	ng	98
47) 2-Chloronaphthalene	13.027	162	16511	3.311	ng	98
48) 2-Nitroaniline	13.257	65	3595	2.072	ng	92
49) Acenaphthylene	13.880	152	25857	3.196	ng	99
50) Dimethylphthalate	13.639	163	20921	3.235	ng	# 97
51) 2,6-Dinitrotoluene	13.763	165	3488	2.472	ng	90
52) Acenaphthene	14.227	154	15108	3.105	ng	94
53) 3-Nitroaniline	14.098	138	3465	2.509	ng	# 93
54) 2,4-Dinitrophenol	14.316	184	1130	1.434	ng	# 75
55) Dibenzofuran	14.568	168	25579	3.175	ng	98
56) 4-Nitrophenol	14.445	139	1901	1.671	ng	# 84
57) 2,4-Dinitrotoluene	14.557	165	4535	2.309	ng	# 86
58) Fluorene	15.221	166	19463	2.949	ng	93
59) 2,3,4,6-Tetrachlorophenol	14.804	232	4611	2.989	ng	# 97
60) Diethylphthalate	15.010	149	21782	3.093	ng	98
61) 4-Chlorophenyl-phenyle...	15.221	204	9599	3.035	ng	94
62) 4-Nitroaniline	15.274	138	2398	1.825	ng	# 82
63) Azobenzene	15.515	77	24327	2.997	ng	97
65) 4,6-Dinitro-2-methylph...	15.333	198	1820	1.588	ng	88
66) n-Nitrosodiphenylamine	15.445	169	16656	2.998	ng	99
67) 4-Bromophenyl-phenylether	16.121	248	5751	3.218	ng	95
68) Hexachlorobenzene	16.221	284	6170	3.263	ng	98
69) Atrazine	16.410	200	5112	2.753	ng	84
70) Pentachlorophenol	16.580	266	2665	2.155	ng	88
71) Phenanthrene	16.957	178	31158	3.145	ng	98
72) Anthracene	17.051	178	30252	3.103	ng	98
73) Carbazole	17.339	167	26387	2.814	ng	99
74) Di-n-butylphthalate	17.904	149	31203	2.498	ng	# 96
75) Fluoranthene	18.986	202	31029	2.817	ng	100
77) Benzidine	19.198	184	10517	3.202	ng	97
78) Pyrene	19.351	202	32066	3.115	ng	96
80) Butylbenzylphthalate	20.274	149	11794	2.324	ng	# 81
81) Benzo(a)anthracene	21.109	228	28419	3.018	ng	97
82) 3,3'-Dichlorobenzidine	21.056	252	8699	3.120	ng	98
83) Chrysene	21.162	228	27209	3.002	ng	95
84) Bis(2-ethylhexyl)phtha...	21.056	149	19054	2.413	ng	# 99
85) Di-n-octyl phthalate	21.915	149	34044	2.695	ng	96
87) Indeno(1,2,3-cd)pyrene	25.385	276	30667	3.330	ng	98
88) Benzo(b)fluoranthene	22.633	252	28422	3.253	ng	98
89) Benzo(k)fluoranthene	22.680	252	27213	3.236	ng	96
90) Benzo(a)pyrene	23.180	252	27280	3.478	ng	# 97
91) Dibenzo(a,h)anthracene	25.403	278	26585	3.307	ng	# 97
92) Benzo(g,h,i)perylene	26.038	276	25464	3.403	ng	94

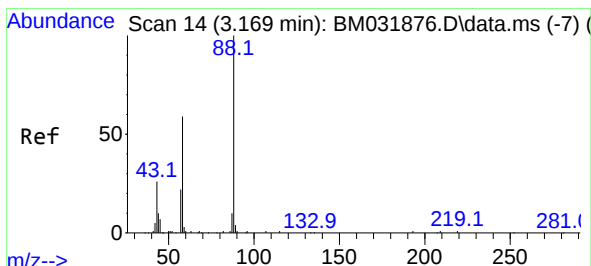
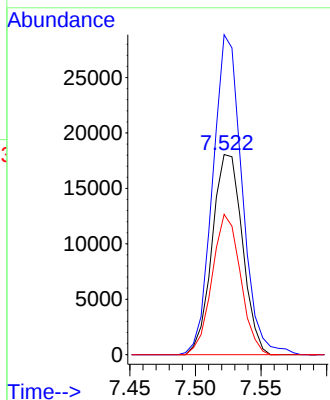
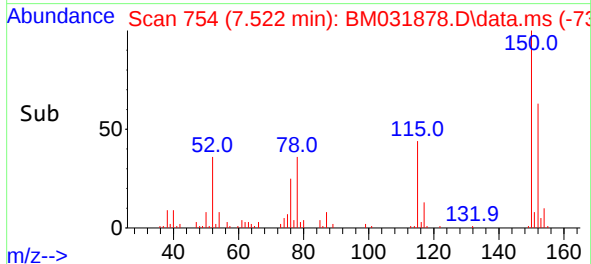
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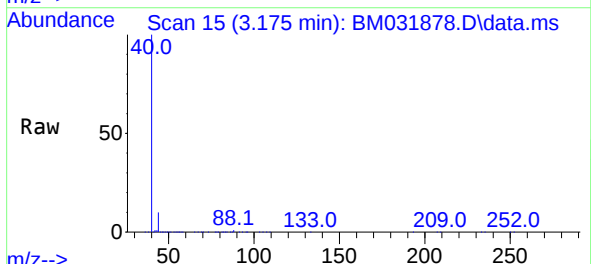
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



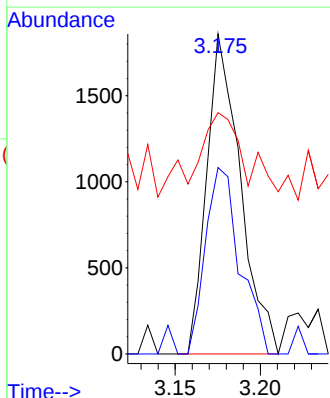
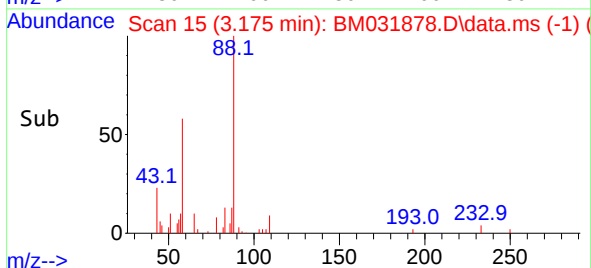
Tgt Ion: 152 Resp: 28976
Ion Ratio Lower Upper
152 100
150 159.9 122.4 183.6
115 70.1 53.8 80.8



#2
1,4-Dioxane
Concen: 3.991 ng
RT: 3.175 min Scan# 15
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



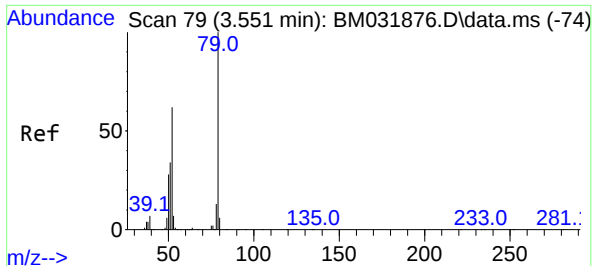
Tgt Ion: 88 Resp: 2553
Ion Ratio Lower Upper
88 100
58 59.8 50.4 75.6
43 39.8 22.2 33.2



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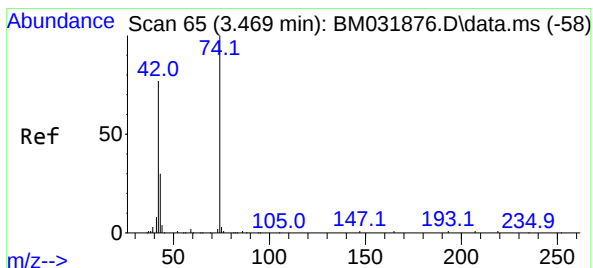
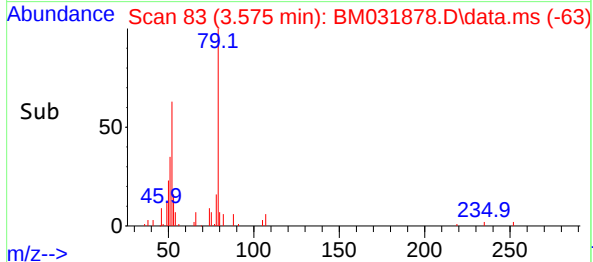
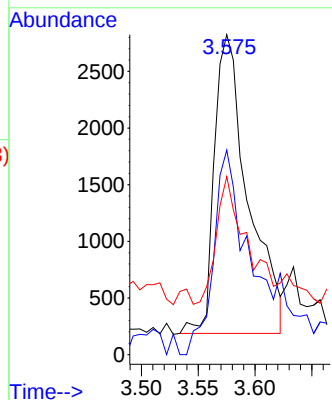
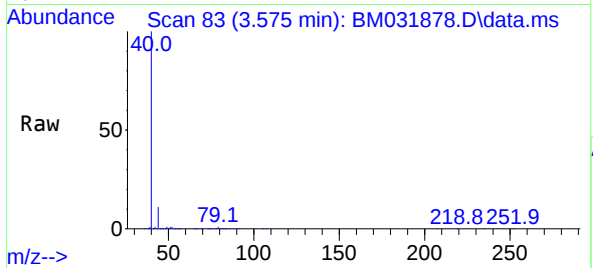
#3
Pyridine
Concen: 2.825 ng
RT: 3.575 min Scan# 83
Delta R.T. 0.018 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion: 79 Resp: 5447
Ion Ratio Lower Upper
79 100
52 64.0 48.6 73.0
51 55.6 27.4 41.2#

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

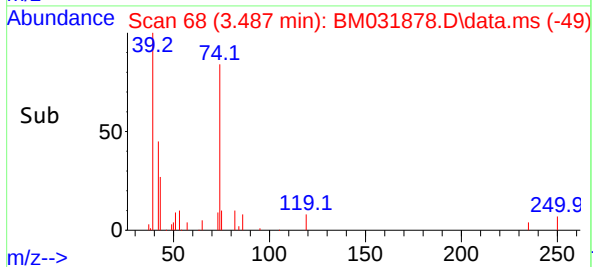
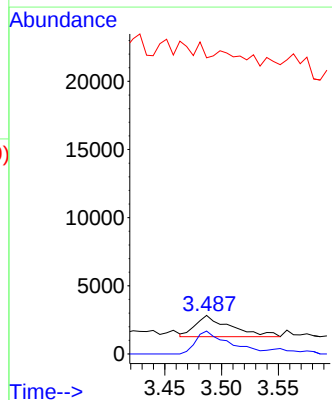
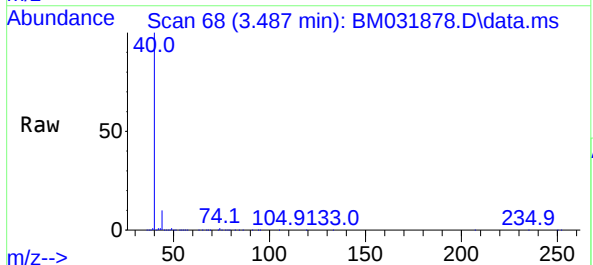
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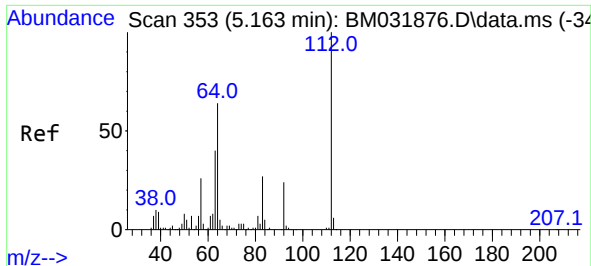
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#4
n-Nitrosodimethylamine
Concen: 3.986 ng
RT: 3.487 min Scan# 68
Delta R.T. 0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

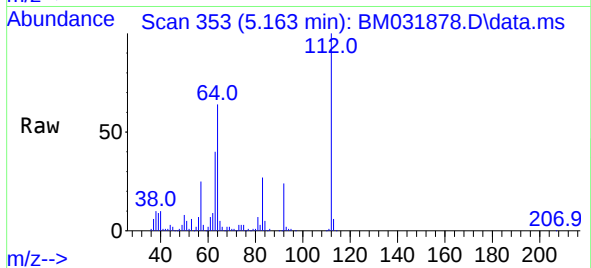
Tgt Ion: 42 Resp: 3354
Ion Ratio Lower Upper
42 100
74 59.6 99.5 149.3#
44 768.3 57.3 85.9#





#5
2-Fluorophenol
Concen: 108.326 ng
RT: 5.163 min Scan# 353
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

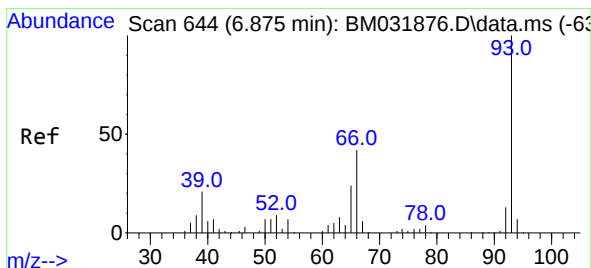
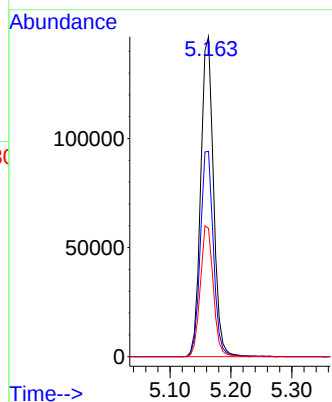
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



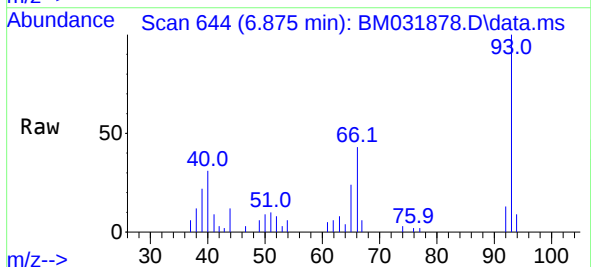
Tgt Ion:112 Resp: 213370
Ion Ratio Lower Upper
112 100
64 64.1 53.7 80.5
63 40.1 33.9 50.9

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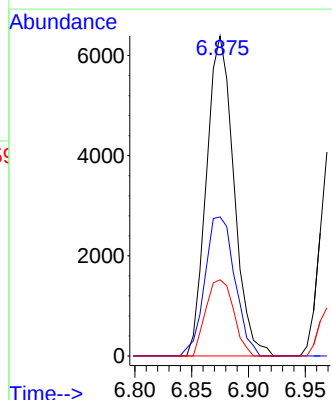
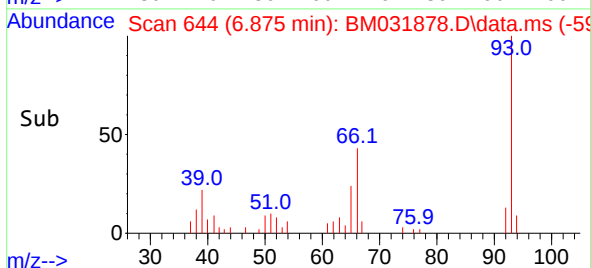
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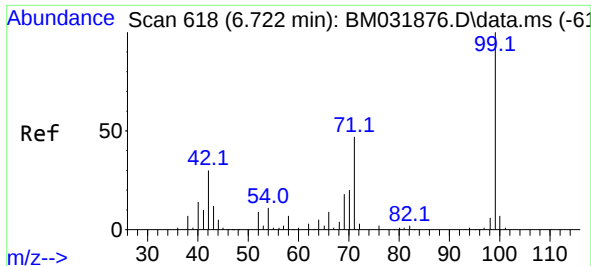


#6
Aniline
Concen: 3.802 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

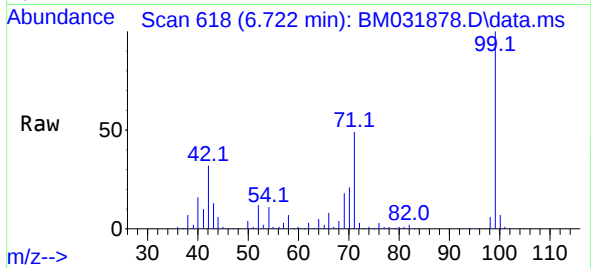


Tgt Ion: 93 Resp: 10704
Ion Ratio Lower Upper
93 100
66 43.5 35.3 52.9
65 23.8 18.7 28.1



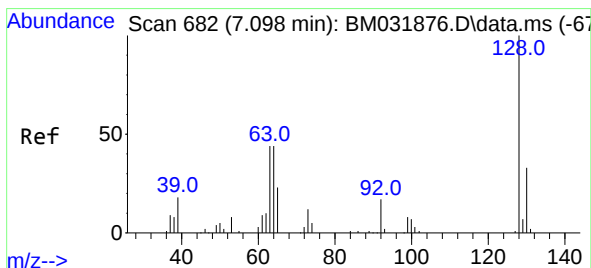
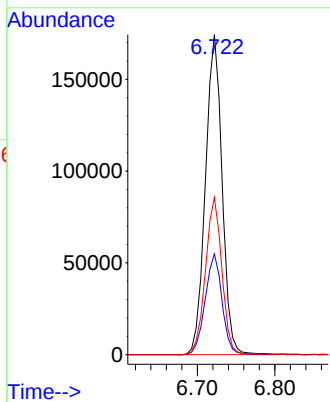
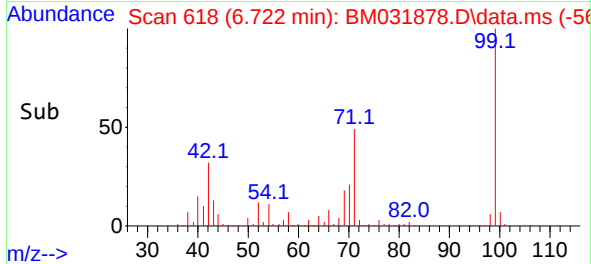


#7
Phenol-d6
Concen: 98.552 ng
RT: 6.722 min Scan# 618
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

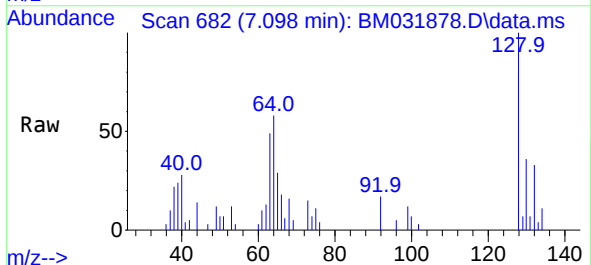


Tgt Ion: 99 Resp: 260730

Ion	Ratio	Lower	Upper
99	100		
42	31.5	23.0	34.6
71	49.2	37.8	56.8

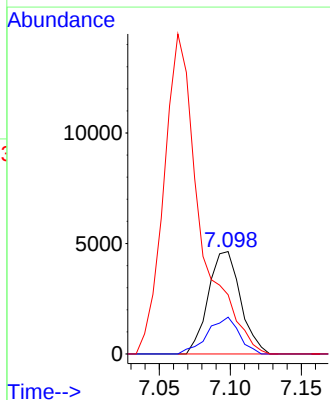
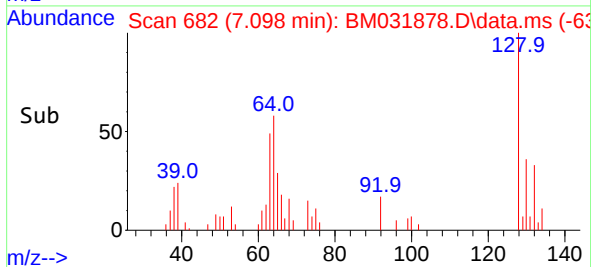


#8
2-Chlorophenol
Concen: 3.465 ng
RT: 7.098 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion: 128 Resp: 7319

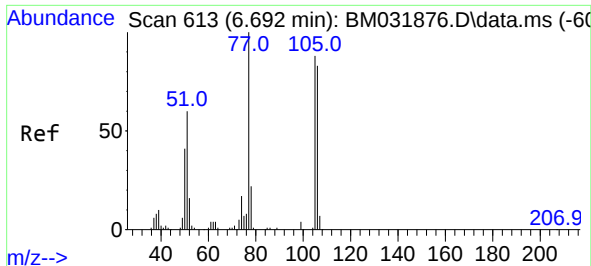
Ion	Ratio	Lower	Upper
128	100		
130	35.9	13.0	53.0
64	57.8	33.4	73.4



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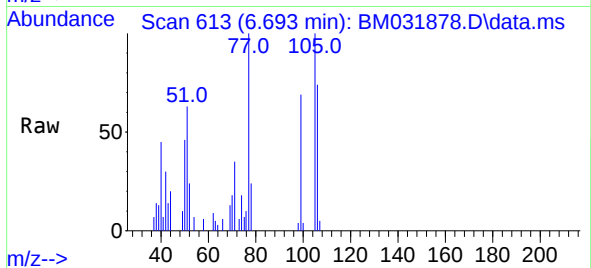
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#9
Benzaldehyde
Concen: 4.898 ng
RT: 6.693 min Scan# 613
Delta R.T. -0.005 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

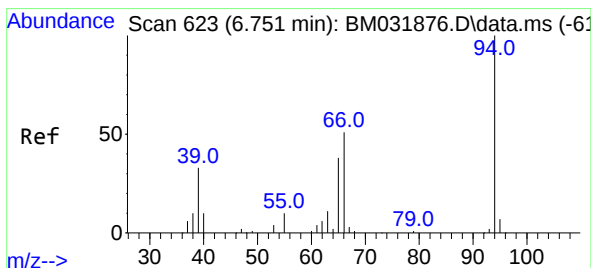
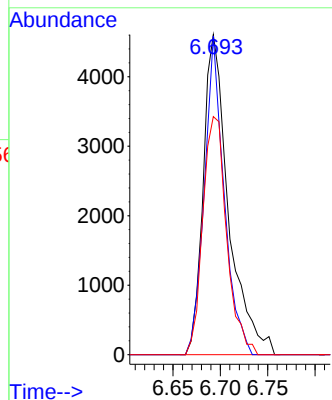
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



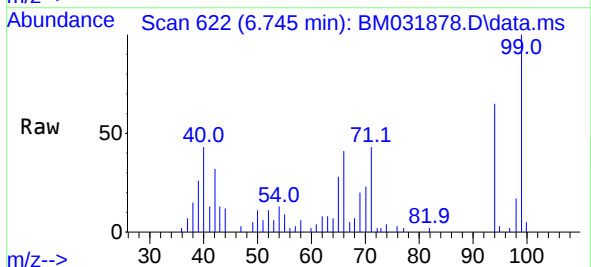
Tgt Ion: 77 Resp: 8565
Ion Ratio Lower Upper
77 100
105 99.6 68.9 108.9
106 74.4 61.2 101.2

Manual Integrations
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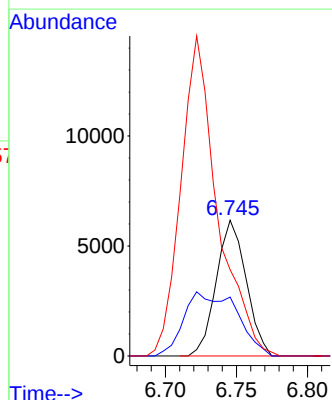
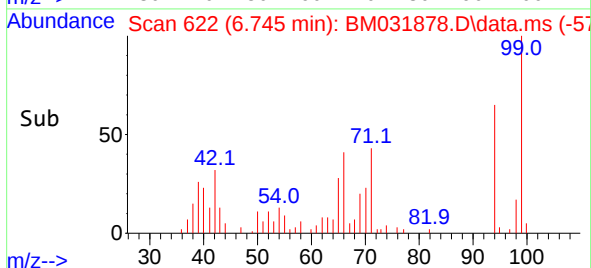
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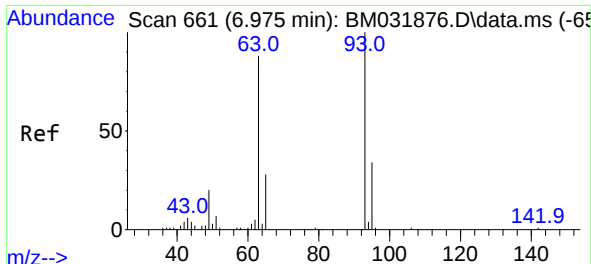


#10
Phenol
Concen: 3.413 ng
RT: 6.745 min Scan# 622
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



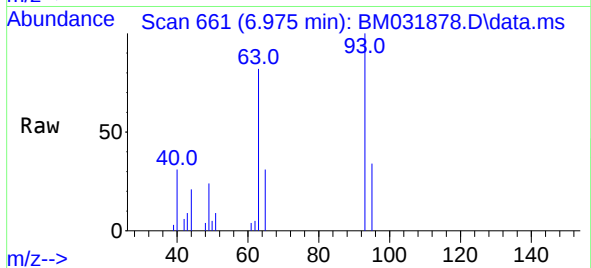
Tgt Ion: 94 Resp: 9022
Ion Ratio Lower Upper
94 100
65 43.4 16.9 56.9
66 63.5 30.0 70.0





#11
bis(2-Chloroethyl)ether
Concen: 3.483 ng
RT: 6.975 min Scan# 661
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

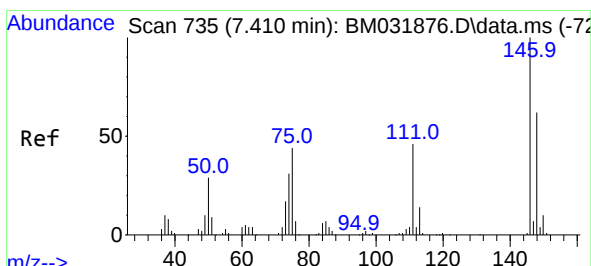
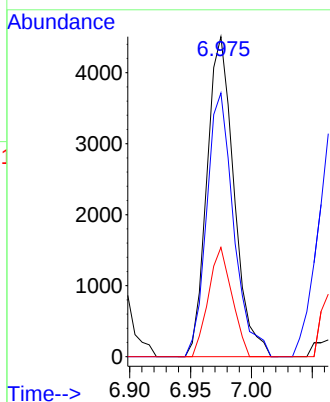
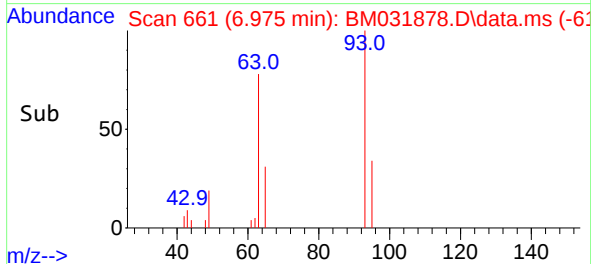


Tgt Ion: 93 Resp: 6965

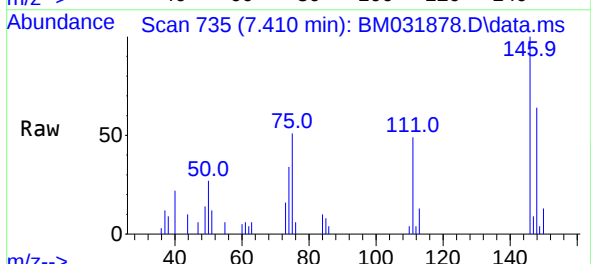
Ion	Ratio	Lower	Upper
93	100		
63	82.4	63.7	103.7
95	34.2	12.4	52.4

Manual Integrations
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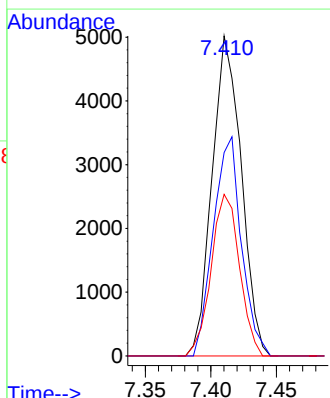
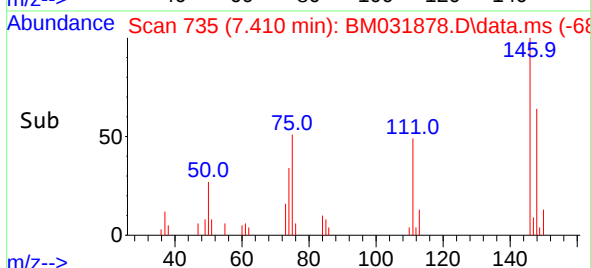


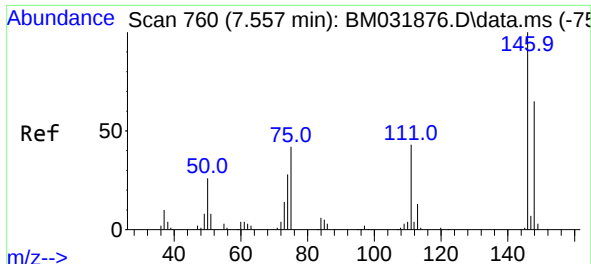
#12
1,3-Dichlorobenzene
Concen: 3.397 ng
RT: 7.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion: 146 Resp: 7763

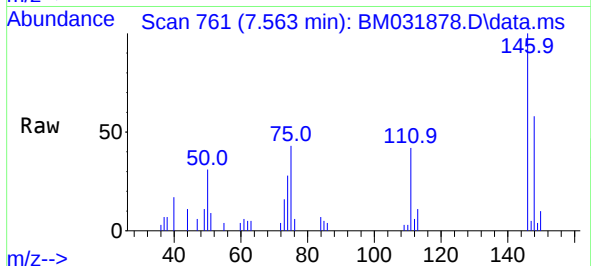
Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
75	50.5	34.2	51.2





#13
1,4-Dichlorobenzene
Concen: 3.636 ng
RT: 7.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

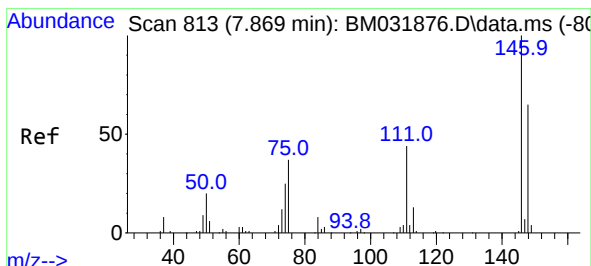
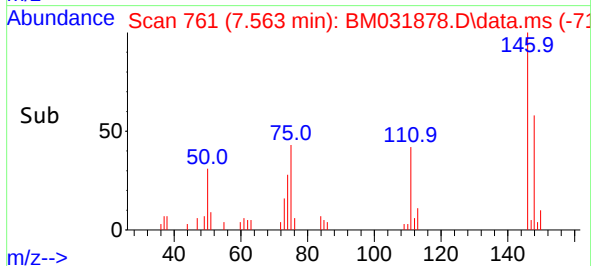
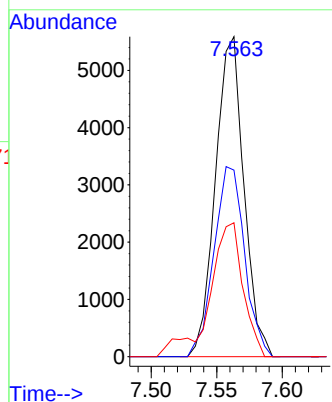
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



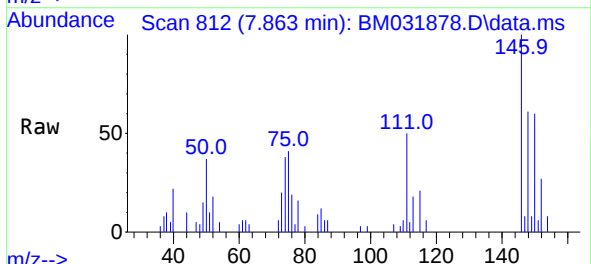
Tgt Ion:146 Resp: 8438
Ion Ratio Lower Upper
146 100
148 58.3 51.1 76.7
111 41.9 35.3 52.9

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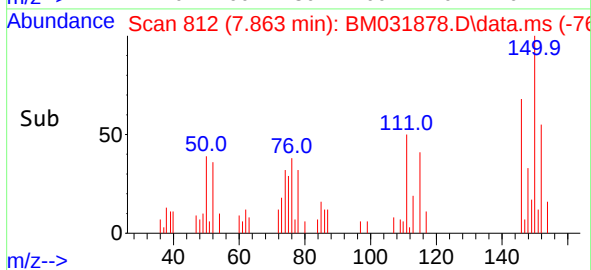
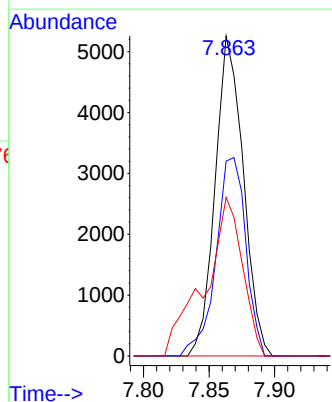
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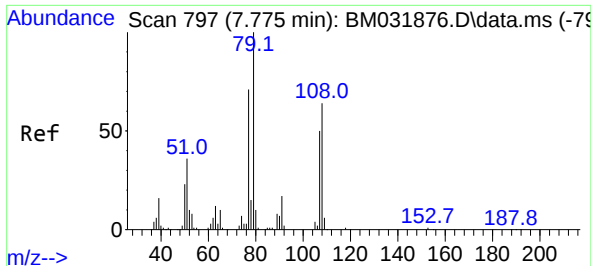


#14
1,2-Dichlorobenzene
Concen: 3.464 ng
RT: 7.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



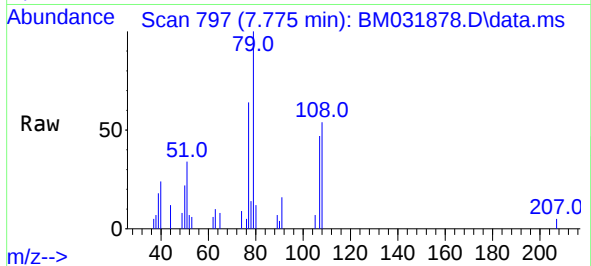
Tgt Ion:146 Resp: 7830
Ion Ratio Lower Upper
146 100
148 60.9 51.7 77.5
111 49.5 38.2 57.2





#15
Benzyl Alcohol
Concen: 2.980 ng
RT: 7.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

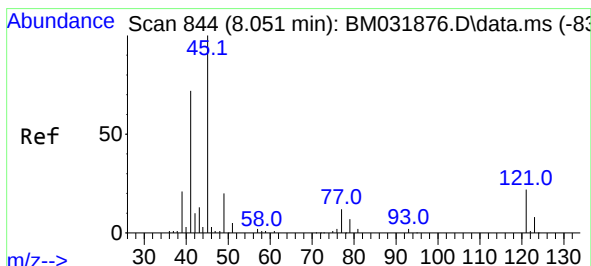
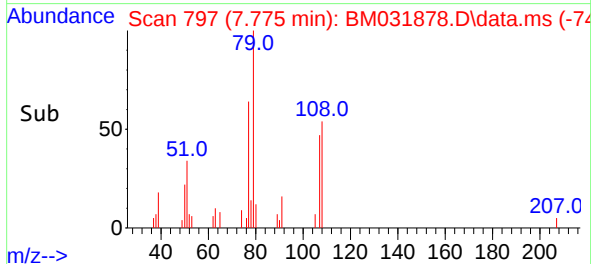
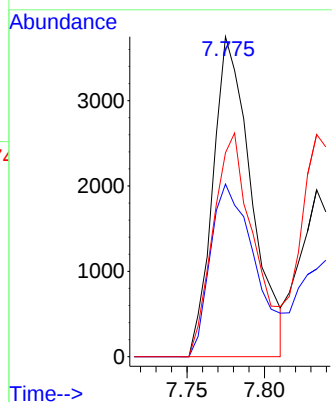
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



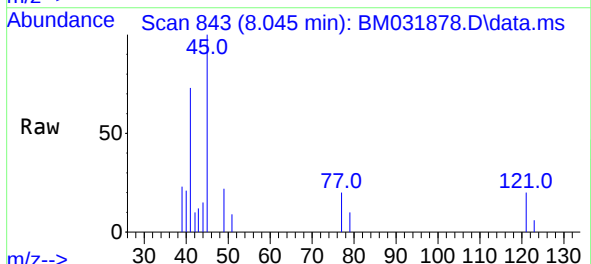
Tgt Ion:	79	Resp:	6479
Ion	Ratio	Lower	Upper
79	100		
108	53.9	53.6	80.4
77	63.7	57.7	86.5

Manual Integrations
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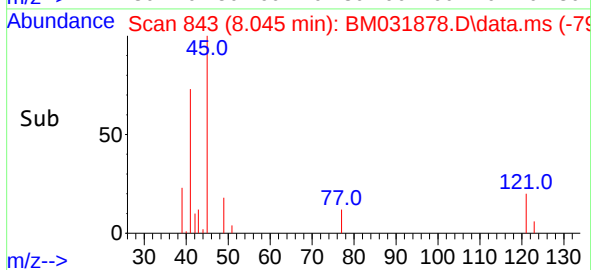
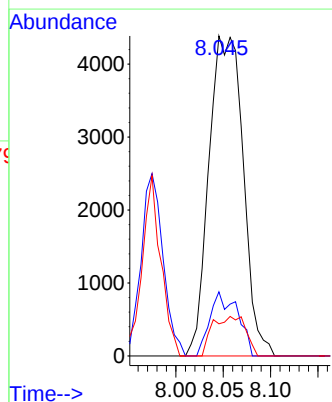
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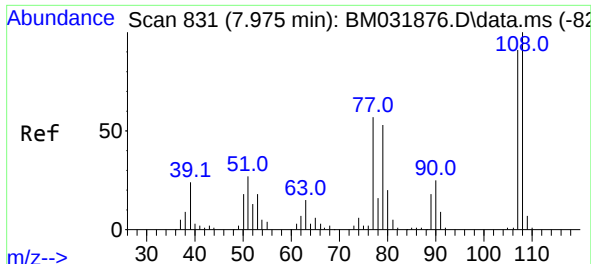


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.691 ng
RT: 8.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



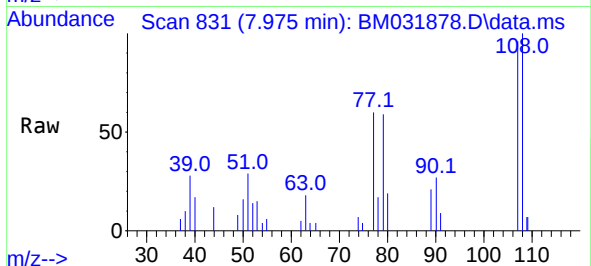
Tgt Ion:	45	Resp:	11029
Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.0	36.1
79	10.1	0.0	30.5





#17
2-Methylphenol
Concen: 3.303 ng
RT: 7.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

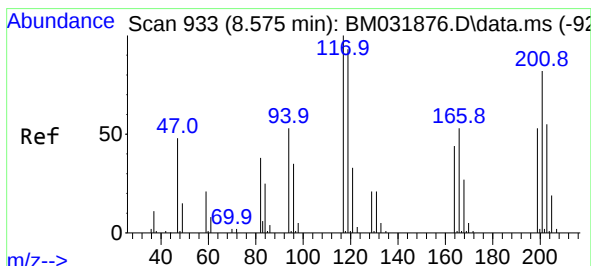
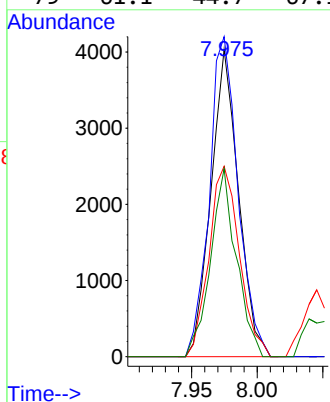
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



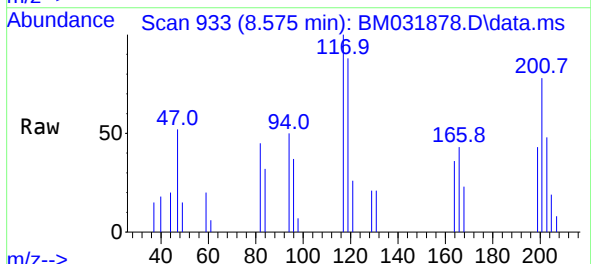
Tgt Ion:	107	Resp:	5878
Ion	Ratio	Lower	Upper
107	100		
108	104.1	87.9	131.9
77	61.9	48.2	72.2
79	61.1	44.7	67.1

Manual Integrations
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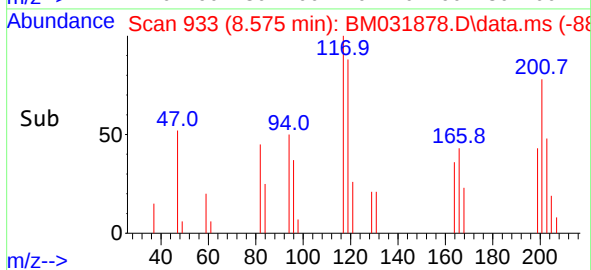
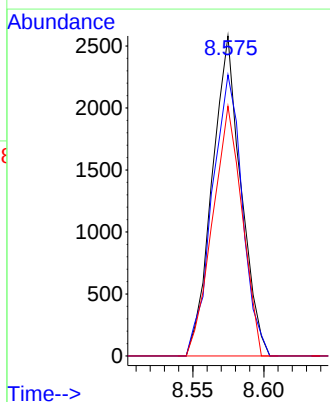
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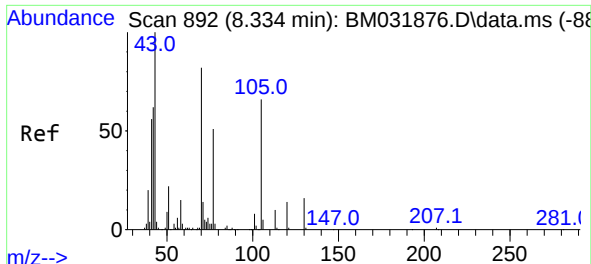


#18
Hexachloroethane
Concen: 3.681 ng
RT: 8.575 min Scan# 933
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:	117	Resp:	3638
Ion	Ratio	Lower	Upper
117	100		
119	87.8	77.7	116.5
201	78.0	70.2	105.2





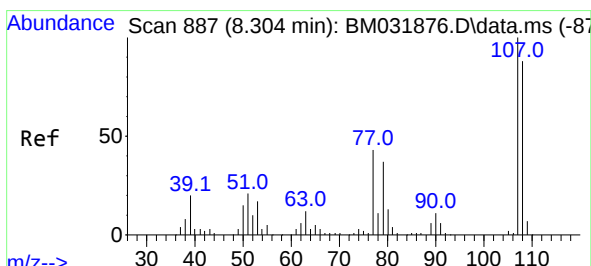
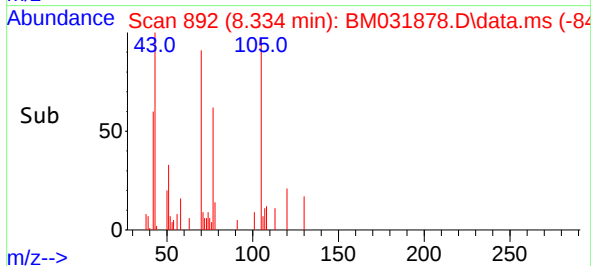
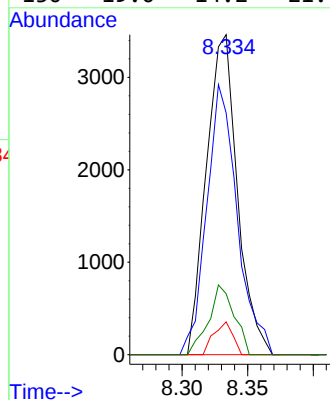
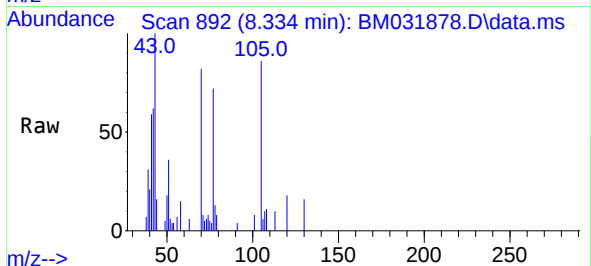
#19
n-Nitroso-di-n-propylamine
Concen: 2.866 ng
RT: 8.334 min Scan# 892
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	70	Resp:	5707
Ion	Ratio	Lower	Upper
70	100		
42	75.6	56.3	84.5
101	10.3	7.8	11.6
130	19.0	14.2	21.4

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

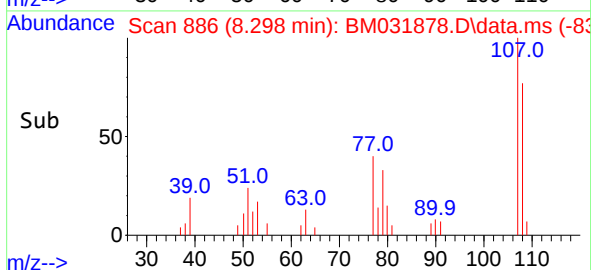
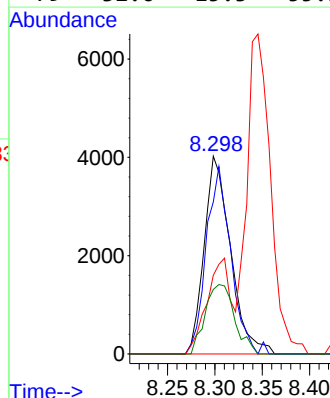
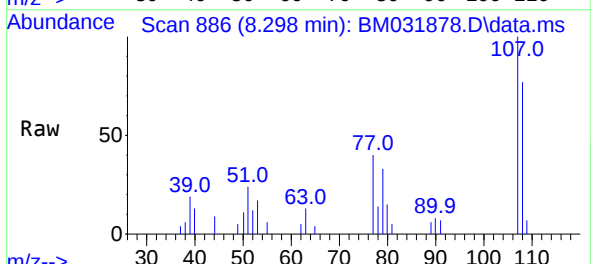
Manual Integrations
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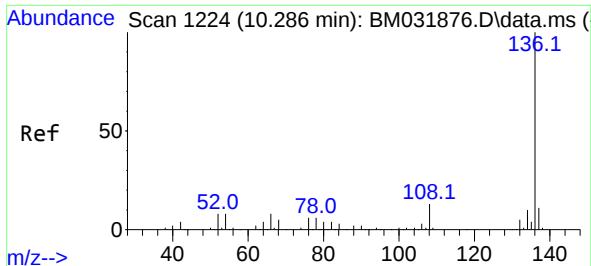
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#20
3+4-Methylphenols
Concen: 3.146 ng
RT: 8.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

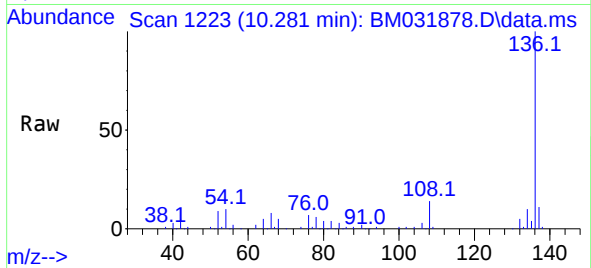
Tgt Ion:	107	Resp:	7807
Ion	Ratio	Lower	Upper
107	100		
108	76.9	67.6	107.6
77	39.8	21.9	61.9
79	32.6	15.3	55.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.281 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

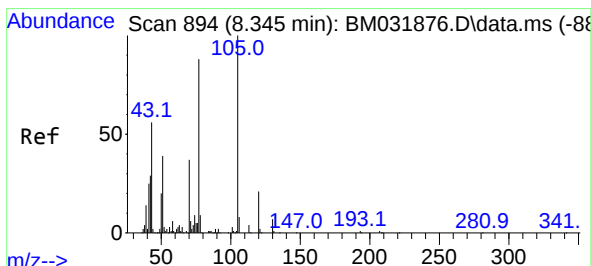
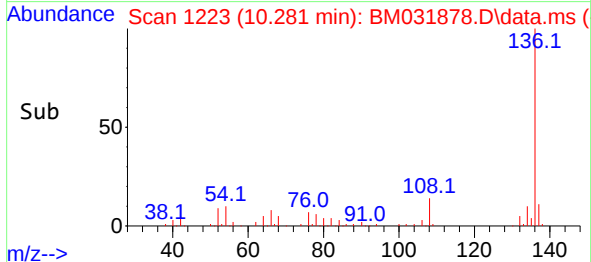
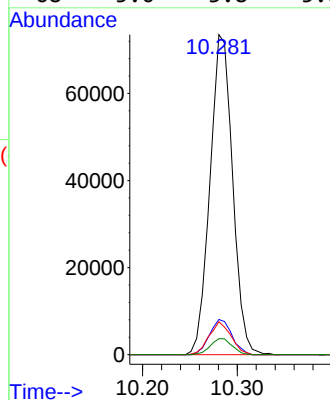


Tgt Ion:136 Resp: 122095

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.3	7.4	11.0
68	5.0	3.8	5.8

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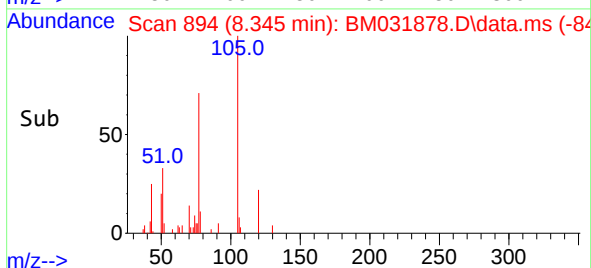
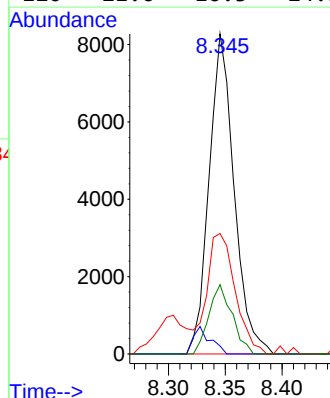
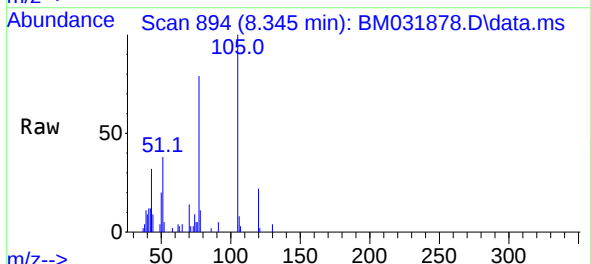
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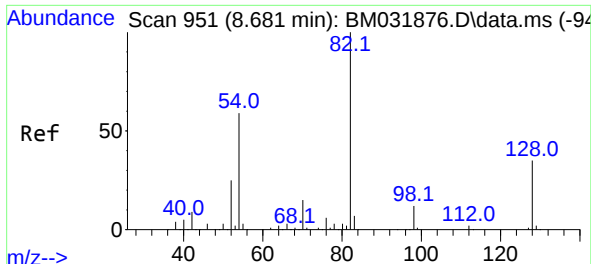


#22
Acetophenone
Concen: 3.564 ng
RT: 8.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:105 Resp: 12689

Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.8	5.6#
51	37.6	29.5	44.3
120	21.6	16.3	24.5





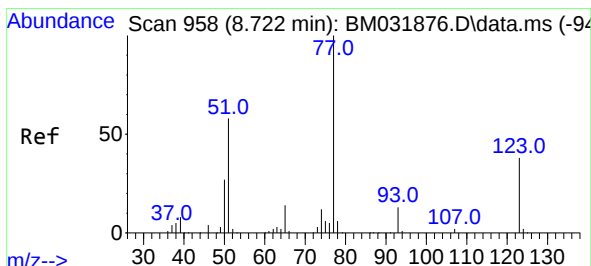
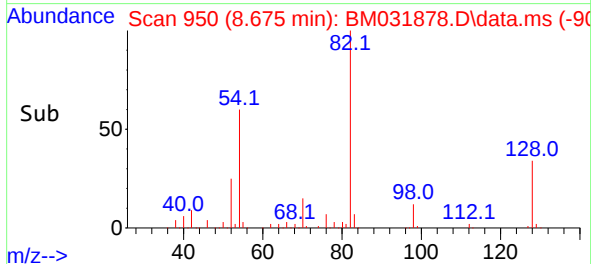
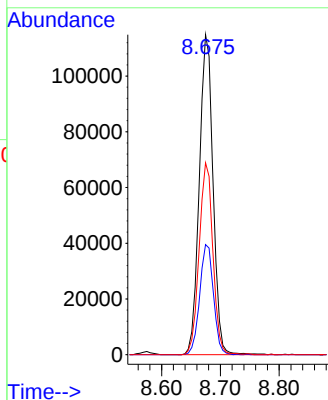
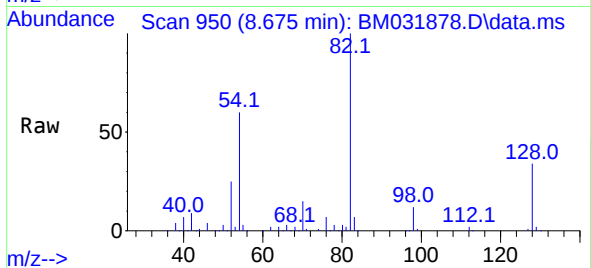
#23
Nitrobenzene-d5
Concen: 62.043 ng
RT: 8.675 min Scan# 950
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion: 82 Resp: 186028
Ion Ratio Lower Upper
82 100
128 34.4 29.0 43.6
54 59.9 45.8 68.8

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

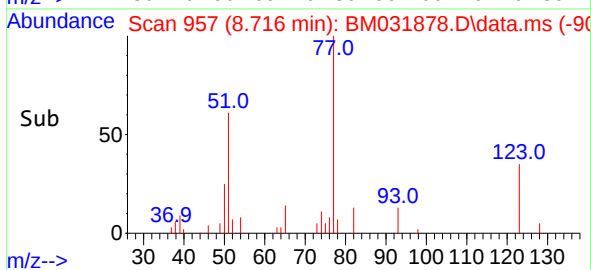
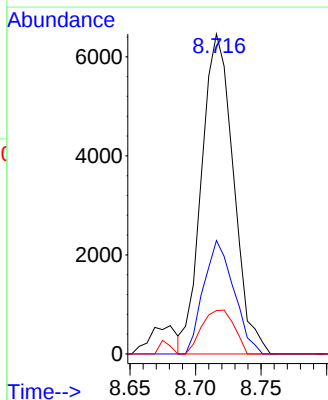
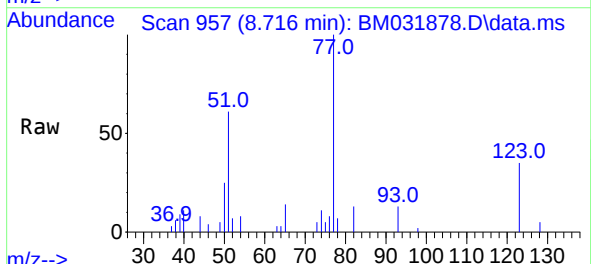
Manual Integrations
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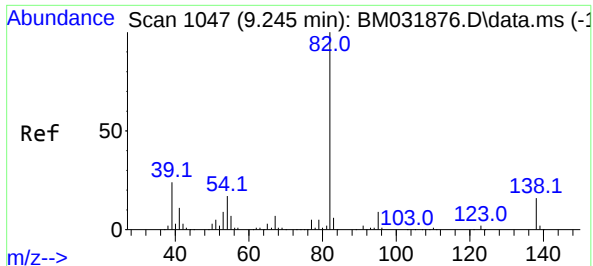
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#24
Nitrobenzene
Concen: 3.559 ng
RT: 8.716 min Scan# 957
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion: 77 Resp: 10930
Ion Ratio Lower Upper
77 100
123 35.5 30.1 45.1
65 13.5 11.7 17.5





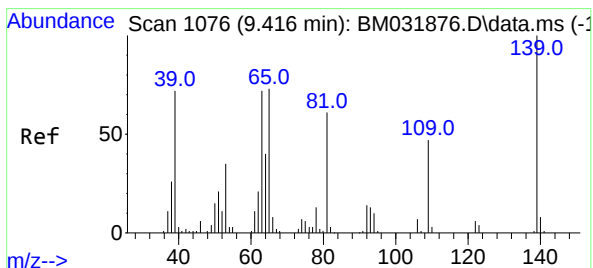
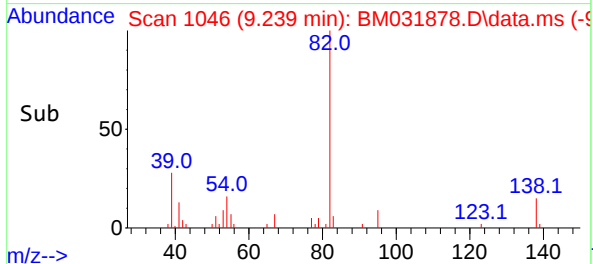
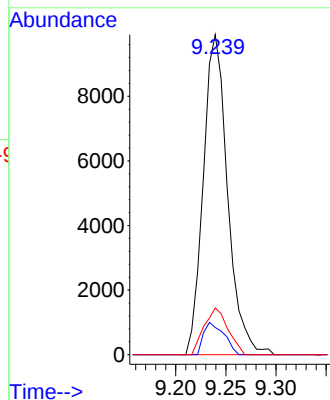
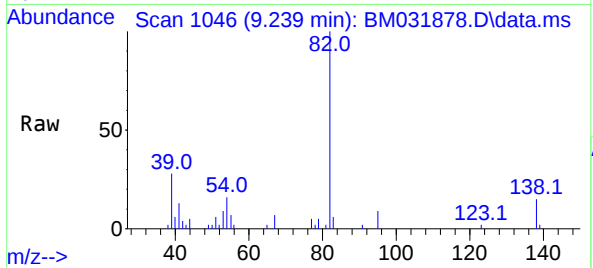
#25
Isophorone
Concen: 3.109 ng
RT: 9.239 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	82	Resp:	16727
Ion Ratio	Lower	Upper	
82	100		
95	8.5	6.4	9.6
138	14.6	12.4	18.6

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

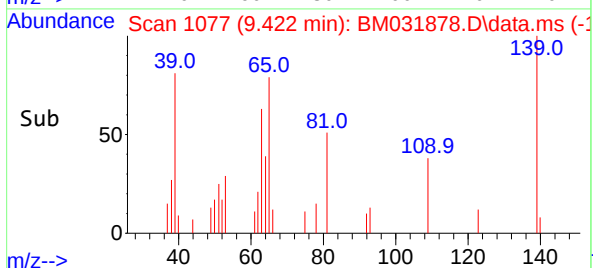
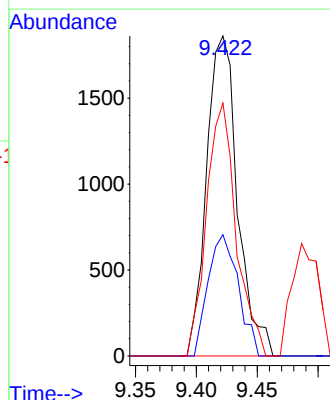
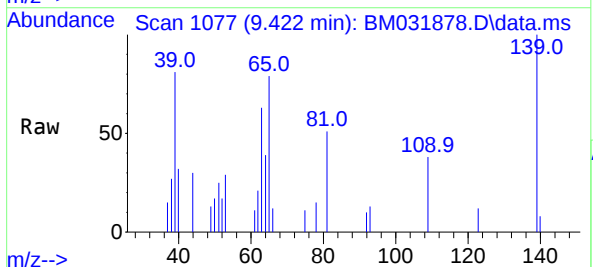
Manual Integrations
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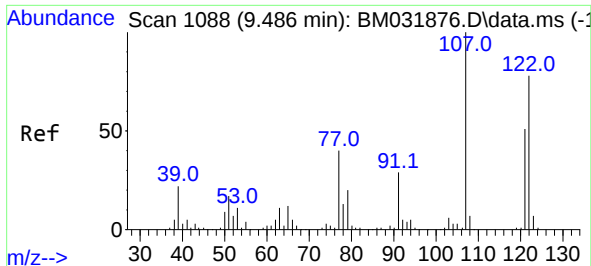
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#26
2-Nitrophenol
Concen: 2.842 ng
RT: 9.422 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

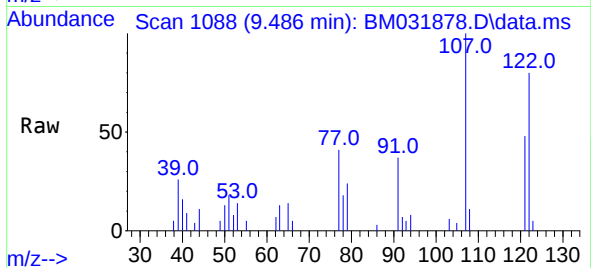
Tgt Ion:	139	Resp:	3294
Ion Ratio	Lower	Upper	
139	100		
109	37.9	34.8	52.2
65	79.0	59.9	89.9





#27
2,4-Dimethylphenol
Concen: 3.423 ng
RT: 9.486 min Scan# 1088
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

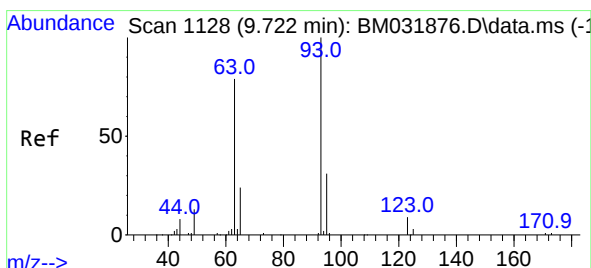
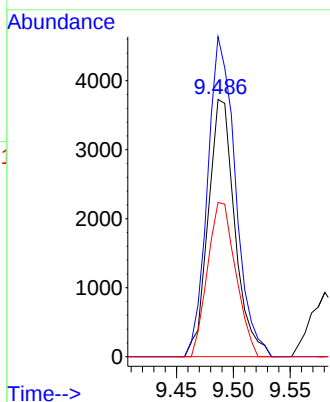
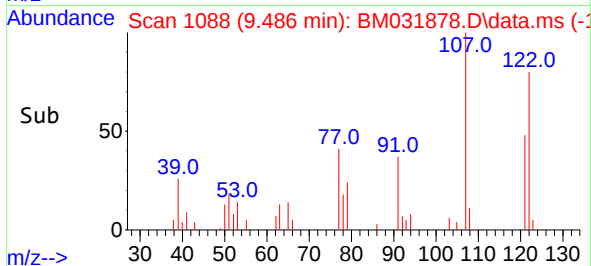
Instrument :
BNA_M
ClientSampleId :
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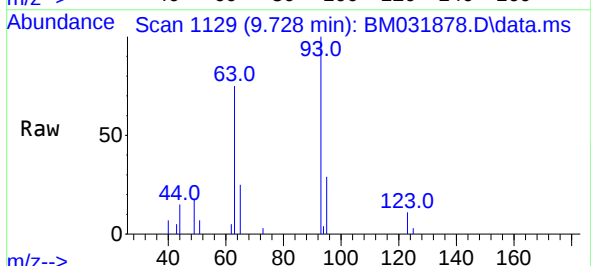
Tgt Ion:122 Resp: 6108
Ion Ratio Lower Upper
122 100
107 124.3 100.6 150.8
121 59.9 47.3 70.9

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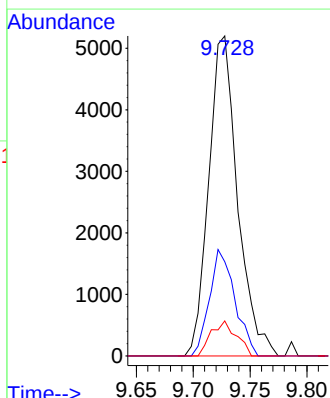
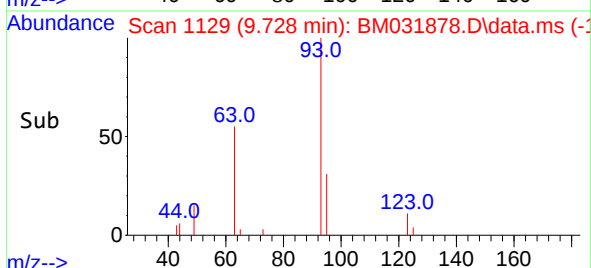
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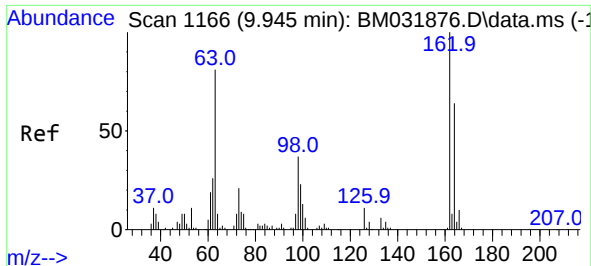


#28
bis(2-Chloroethoxy)methane
Concen: 3.516 ng
RT: 9.728 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



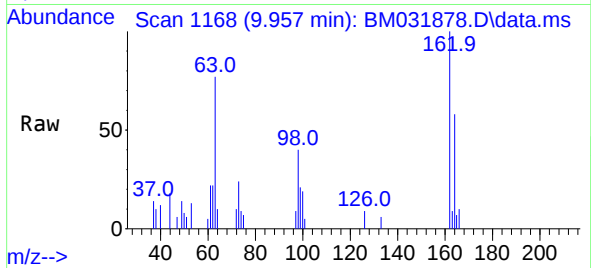
Tgt Ion: 93 Resp: 9195
Ion Ratio Lower Upper
93 100
95 29.4 25.8 38.8
123 11.0 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 3.010 ng
RT: 9.957 min Scan# 1168
Delta R.T. 0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

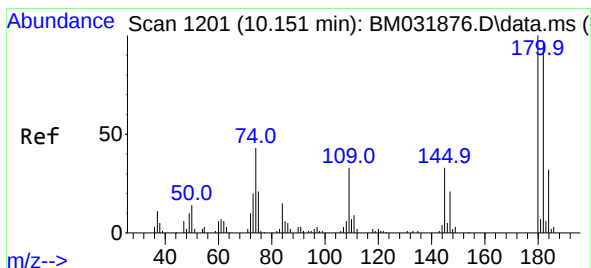
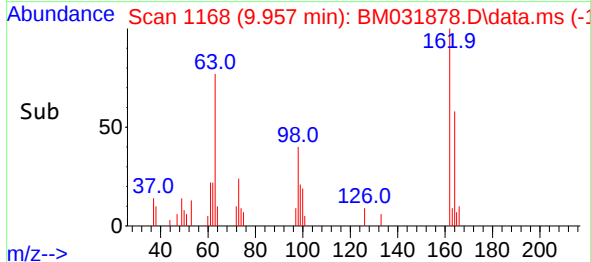
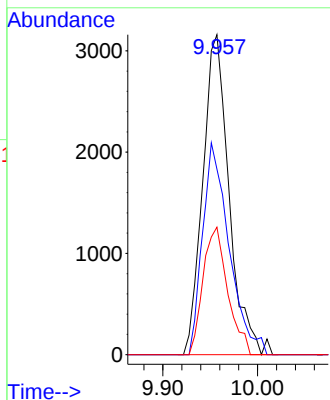
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:162 Resp: 6086
Ion Ratio Lower Upper
162 100
164 58.0 47.4 87.4
98 39.8 18.9 58.9

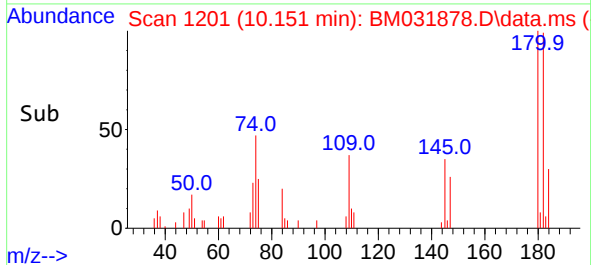
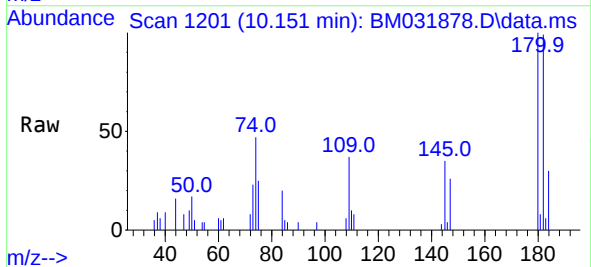
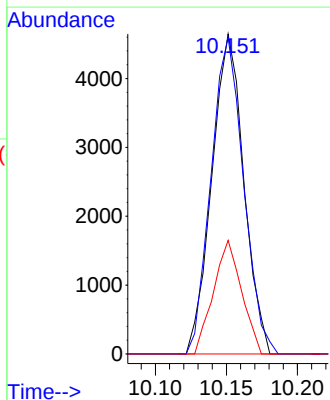
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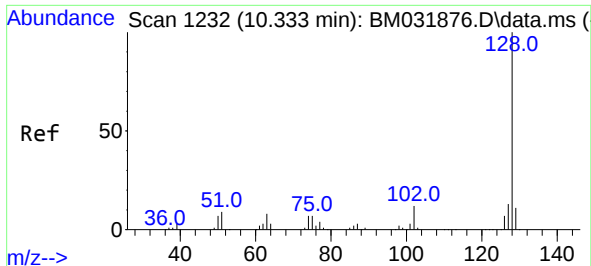
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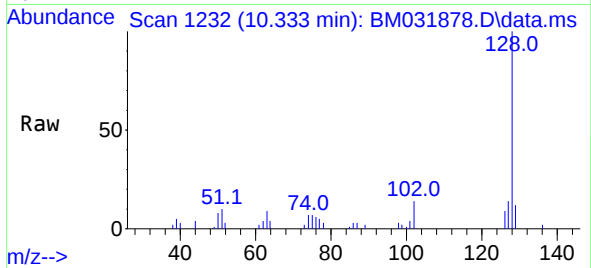
#30
1,2,4-Trichlorobenzene
Concen: 3.381 ng
RT: 10.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:180 Resp: 7259
Ion Ratio Lower Upper
180 100
182 98.9 75.5 113.3
145 35.5 26.2 39.2



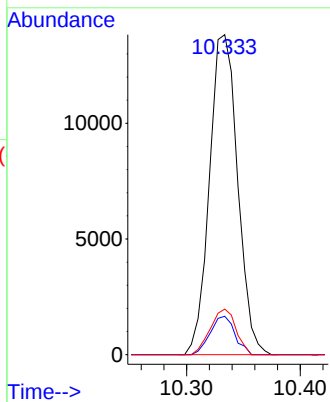
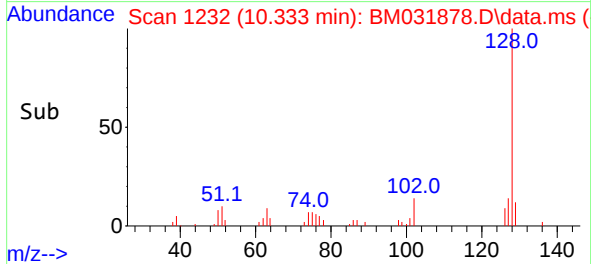


#31
Naphthalene
Concen: 3.404 ng
RT: 10.333 min Scan# 1232
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:128 Resp: 23834

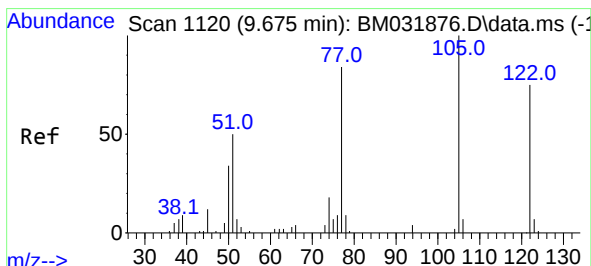
Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.6	13.0
127	14.2	10.4	15.6



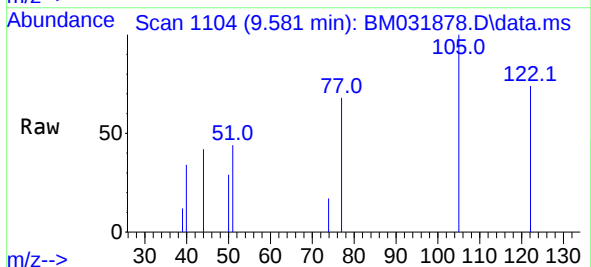
Instrument :
BNA_M
ClientSampleId :
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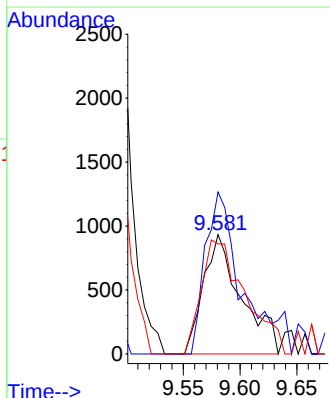
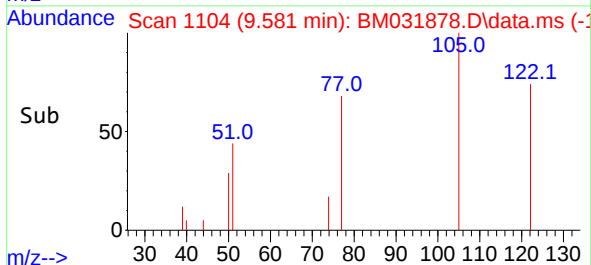


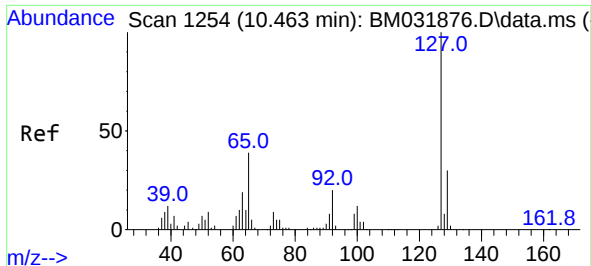
#32
Benzoic acid
Concen: 1.432 ng
RT: 9.581 min Scan# 1104
Delta R.T. -0.100 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:122 Resp: 2166

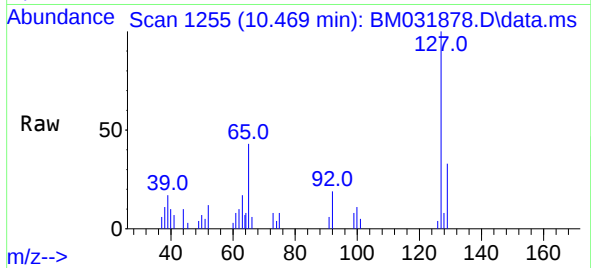
Ion	Ratio	Lower	Upper
122	100		
105	135.7	120.3	160.3
77	92.3	100.0	140.0#





#33
4-Chloroaniline
Concen: 3.229 ng
RT: 10.469 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

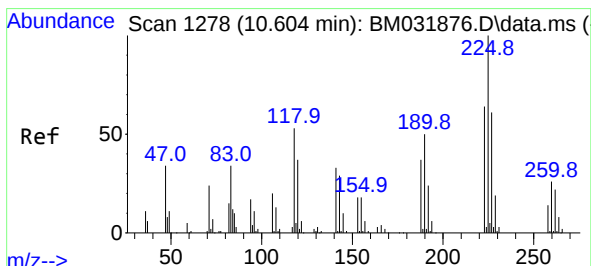
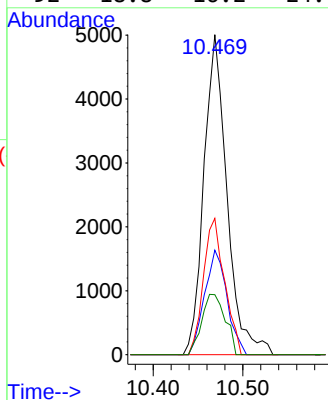
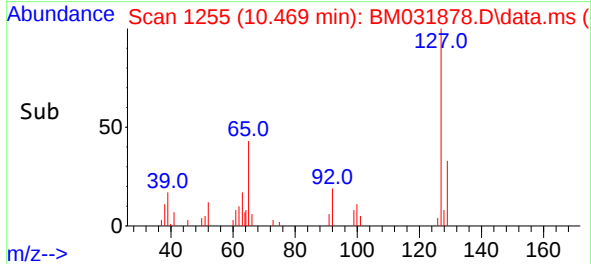
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



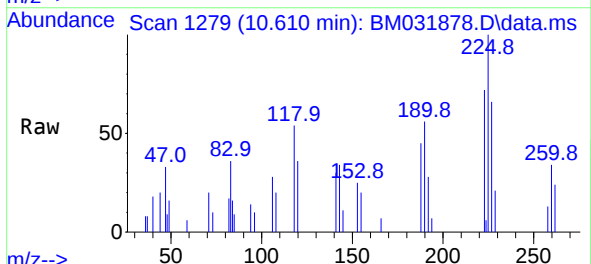
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.6	38.4
65	42.6	30.4	45.6
92	18.8	16.2	24.4

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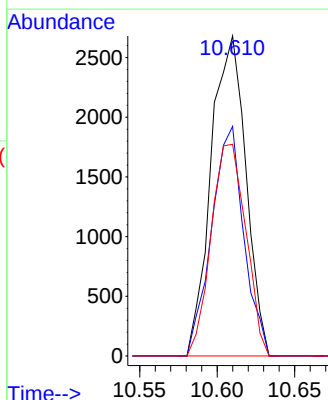
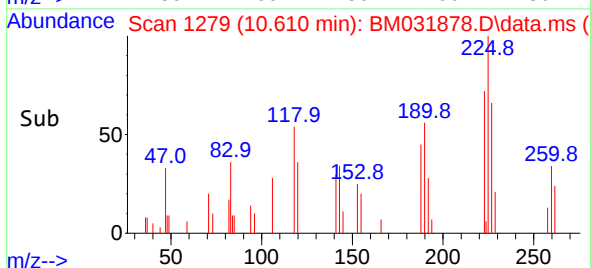
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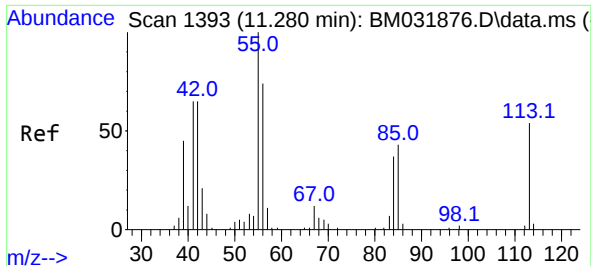


#34
Hexachlorobutadiene
Concen: 3.126 ng
RT: 10.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



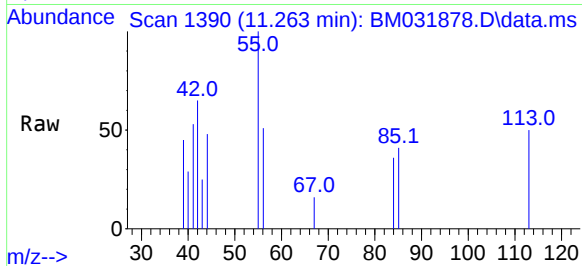
Tgt Ion	Ratio	Lower	Upper
225	100		
223	78.0	52.6	78.8
227	66.2	51.2	76.8





#35
Caprolactam
Concen: 2.326 ng m
RT: 11.263 min Scan# 1390
Delta R.T. -0.023 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

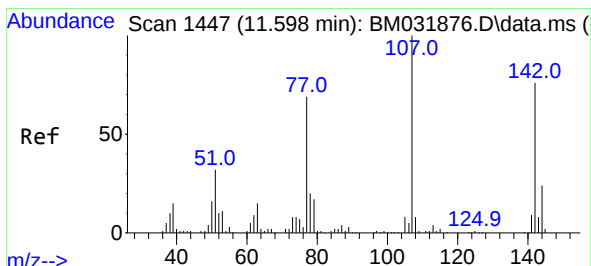
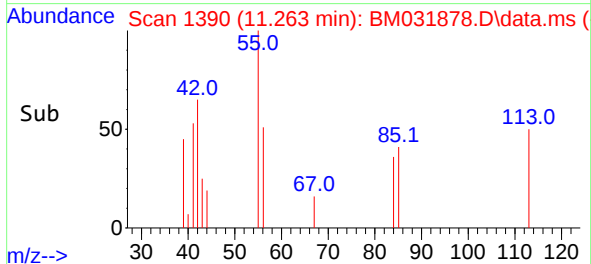
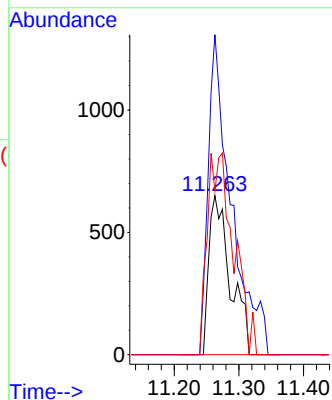
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



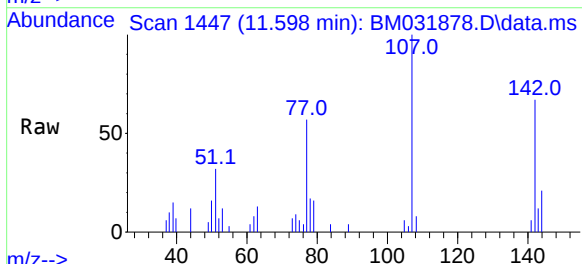
Tgt Ion:113 Resp: 1488
Ion Ratio Lower Upper
113 100
55 201.2 170.5 210.5
56 102.9 125.2 165.2#

Manual Integrations
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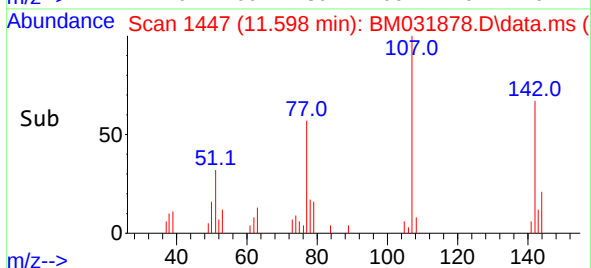
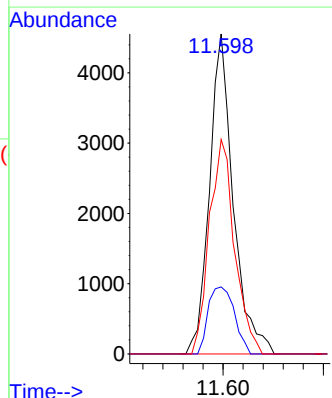
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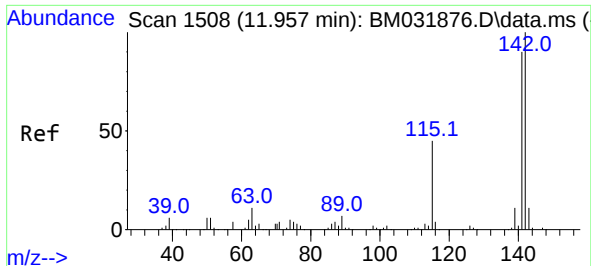


#36
4-Chloro-3-methylphenol
Concen: 3.122 ng
RT: 11.598 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

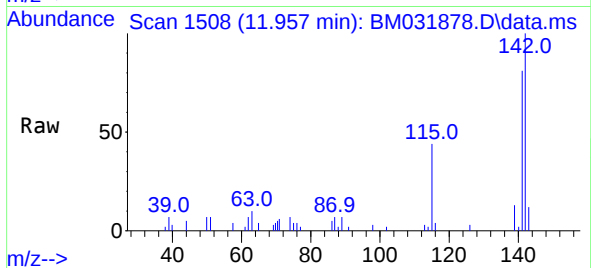


Tgt Ion:107 Resp: 7494
Ion Ratio Lower Upper
107 100
144 20.9 19.3 28.9
142 67.0 60.5 90.7

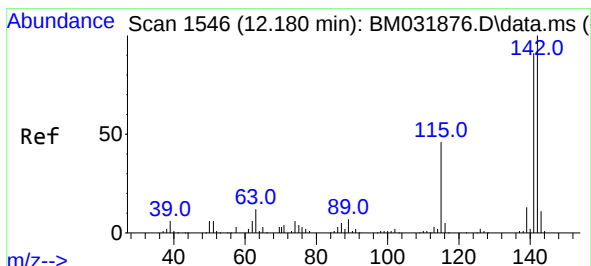
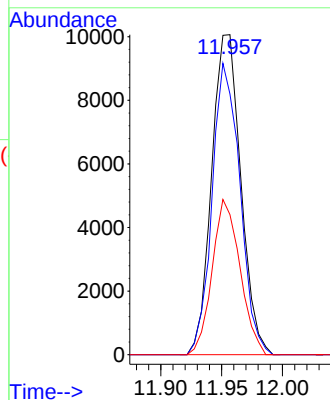
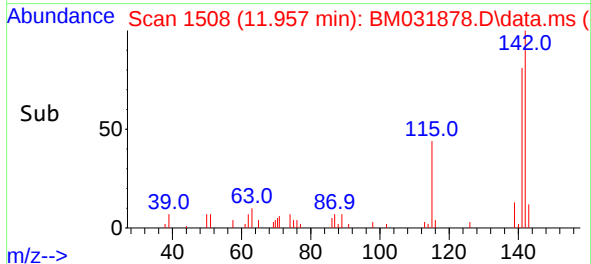




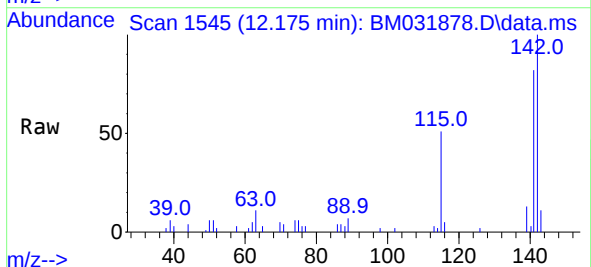
#37
2-Methylnaphthalene
Concen: 3.328 ng
RT: 11.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



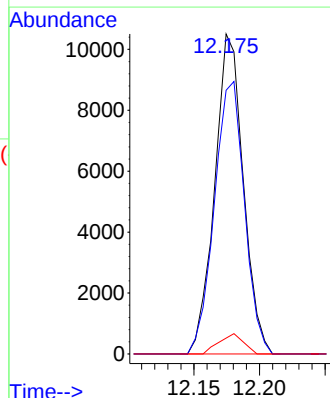
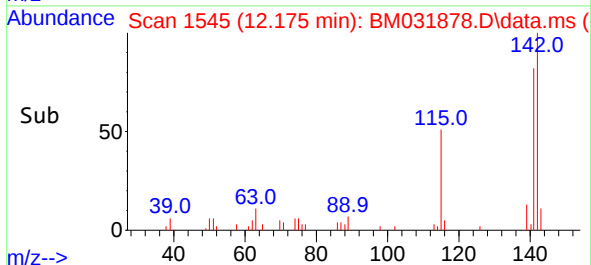
Tgt Ion:142 Resp: 16797
Ion Ratio Lower Upper
142 100
141 81.4 71.8 107.6
115 43.7 36.3 54.5



#38
1-Methylnaphthalene
Concen: 3.348 ng
RT: 12.175 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



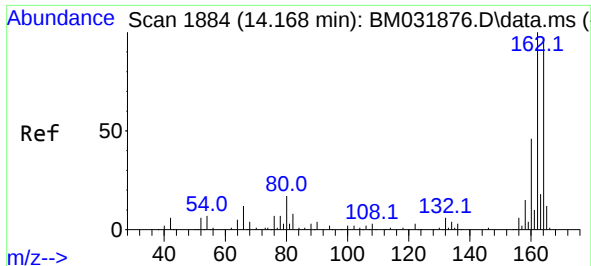
Tgt Ion:142 Resp: 15909
Ion Ratio Lower Upper
142 100
141 82.4 75.6 113.4
116 4.9 4.0 6.0



Instrument :
BNA_M
ClientSampleId :
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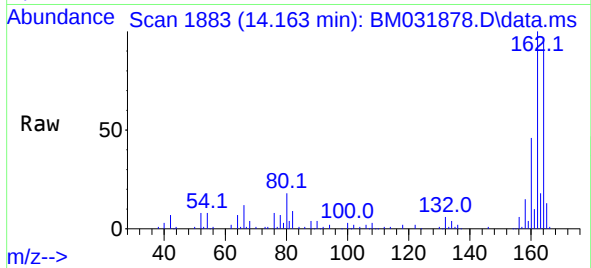
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

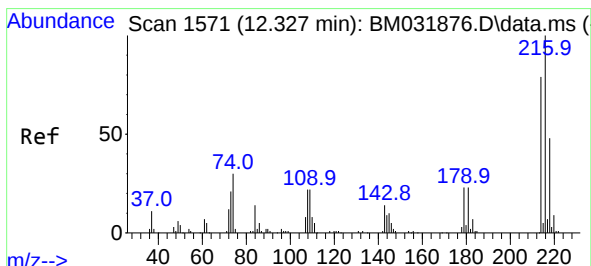
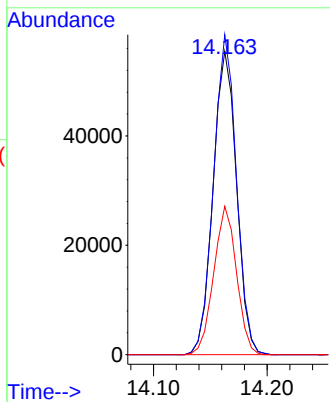
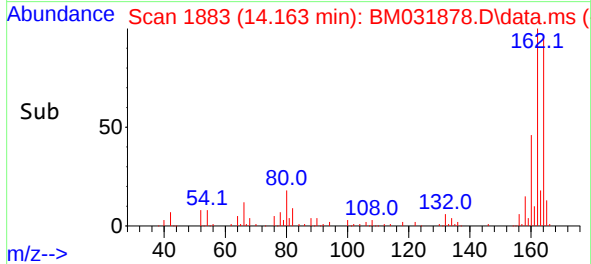
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



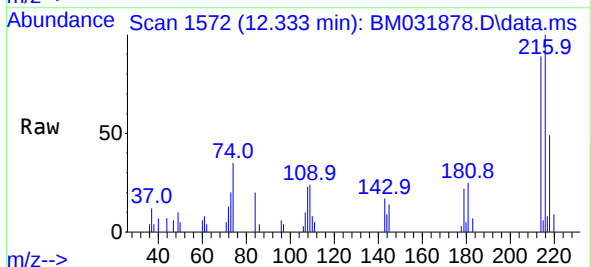
Tgt Ion:164 Resp: 79608
Ion Ratio Lower Upper
164 100
162 105.4 80.6 121.0
160 48.9 35.1 52.7

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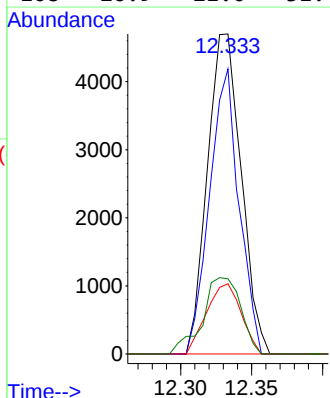
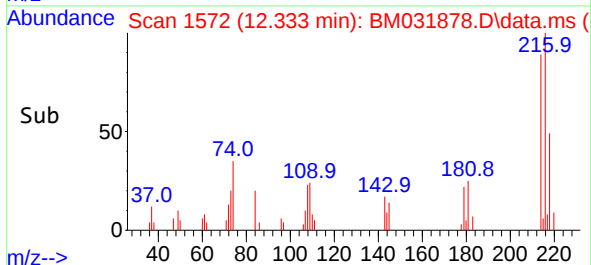
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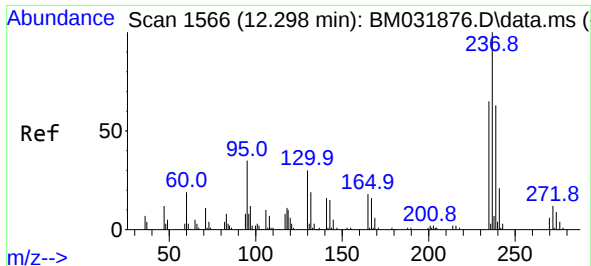


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.402 ng
RT: 12.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

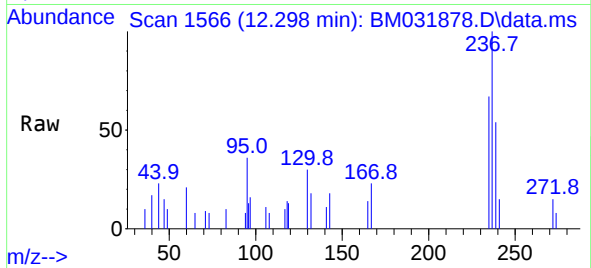


Tgt Ion:216 Resp: 7784
Ion Ratio Lower Upper
216 100
214 77.5 62.5 93.7
179 22.4 18.7 28.1
108 26.9 21.0 31.4

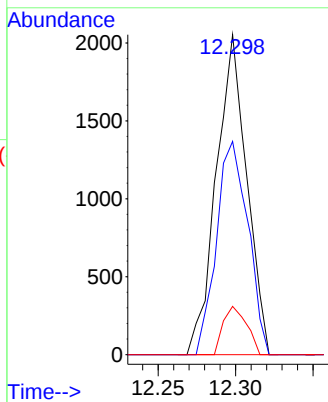
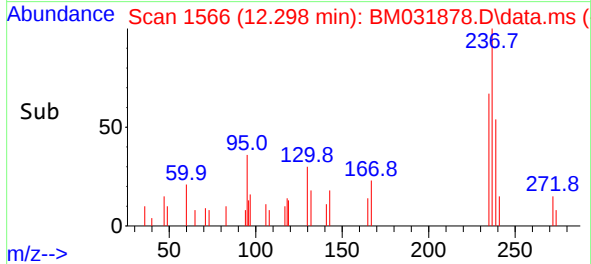




#41
Hexachlorocyclopentadiene
Concen: 2.532 ng
RT: 12.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



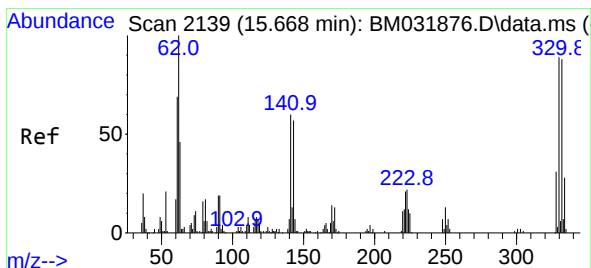
Tgt Ion: 237 Resp: 2809
Ion Ratio Lower Upper
237 100
235 66.6 44.4 84.4
272 15.1 0.0 31.4



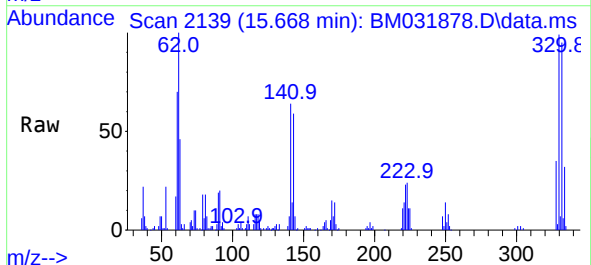
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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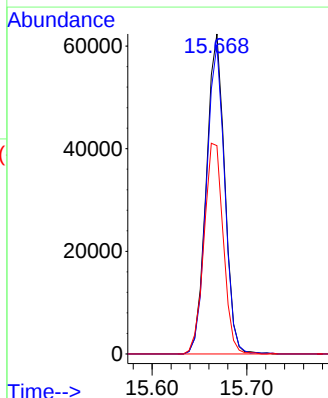
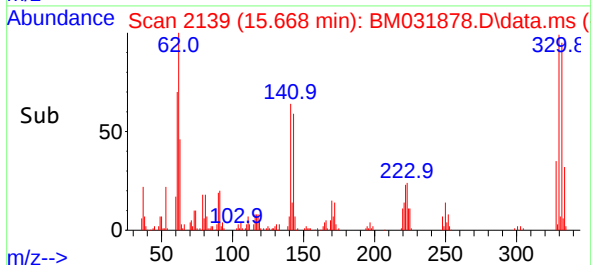
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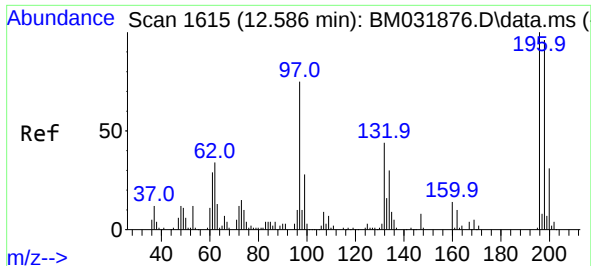


#42
2,4,6-Tribromophenol
Concen: 95.632 ng
RT: 15.668 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



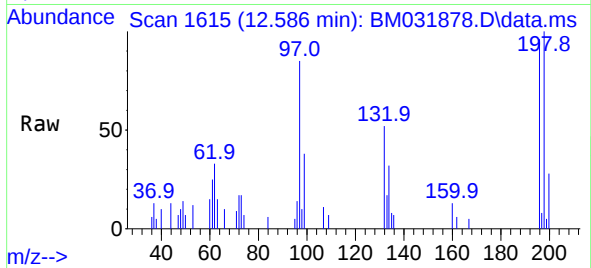
Tgt Ion: 330 Resp: 83889
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 68.8 50.7 76.1





#43
2,4,6-Trichlorophenol
Concen: 2.911 ng
RT: 12.586 min Scan# 1615
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

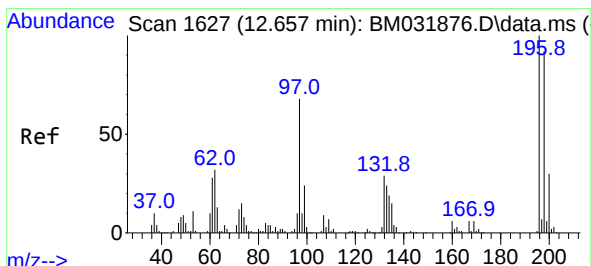
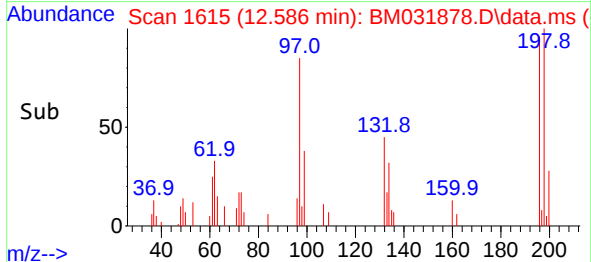
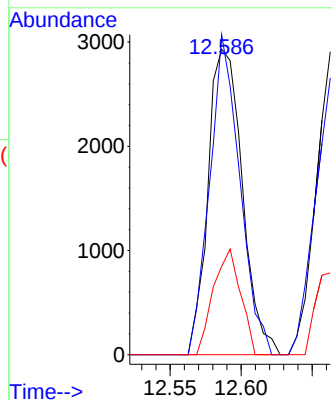
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



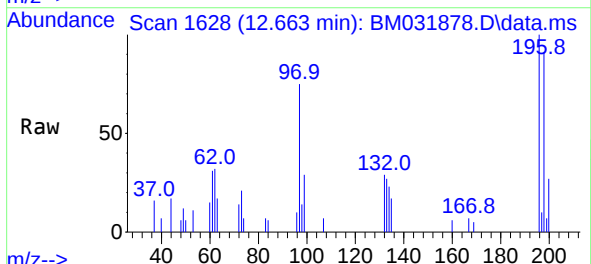
Tgt Ion:196 Resp: 4916
Ion Ratio Lower Upper
196 100
198 104.7 73.6 110.4
200 28.9 22.1 33.1

Manual Integrations
APPROVED

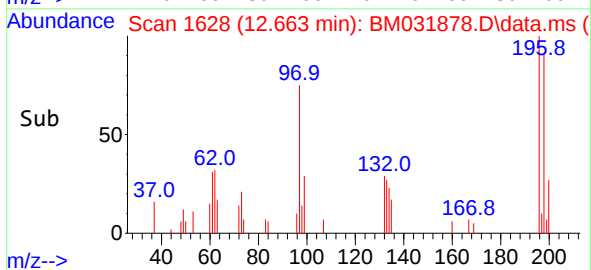
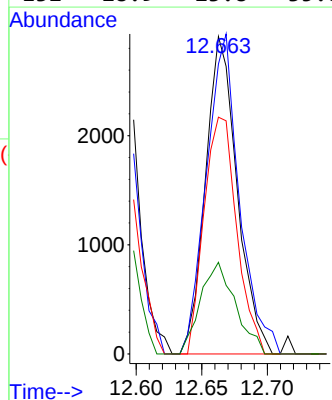
mohammad
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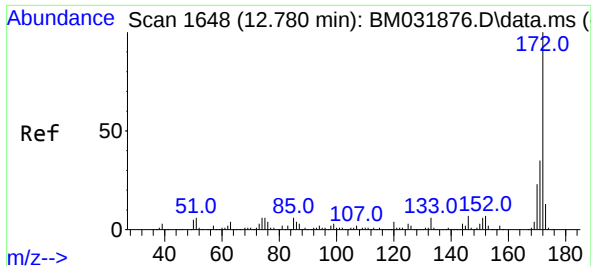


#44
2,4,5-Trichlorophenol
Concen: 2.714 ng
RT: 12.663 min Scan# 1628
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

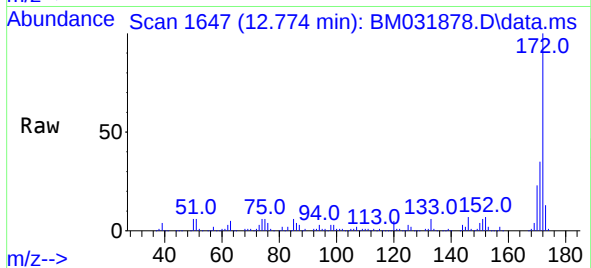


Tgt Ion:196 Resp: 4889
Ion Ratio Lower Upper
196 100
198 91.3 77.0 115.4
97 74.6 53.9 80.9
132 28.9 23.8 35.8

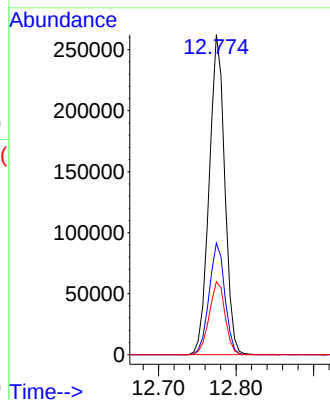
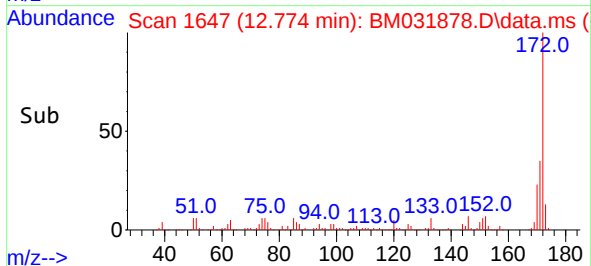




#45
2-Fluorobiphenyl
Concen: 59.150 ng
RT: 12.774 min Scan# 1647
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



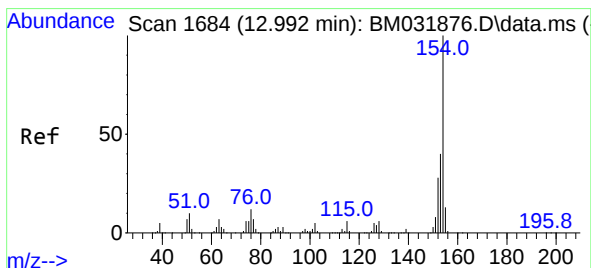
Tgt Ion:172 Resp: 365974
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 22.8 18.6 27.8



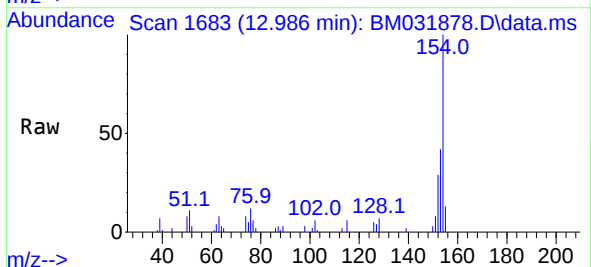
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

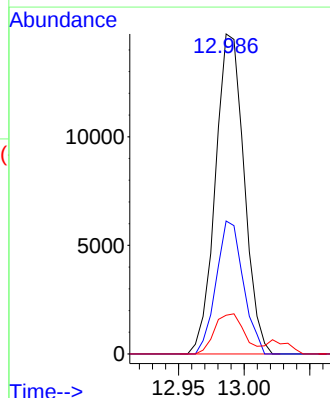
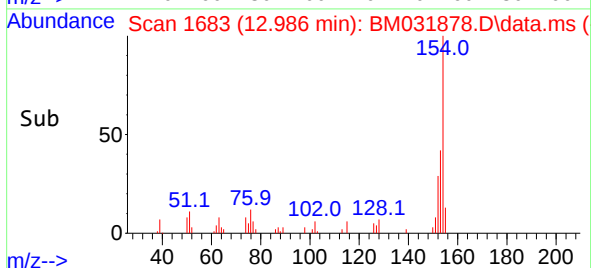
mohammad
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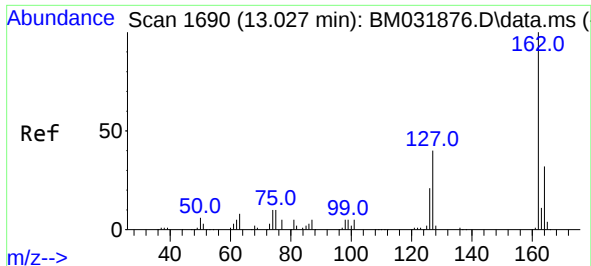


#46
1,1'-Biphenyl
Concen: 3.490 ng
RT: 12.986 min Scan# 1683
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



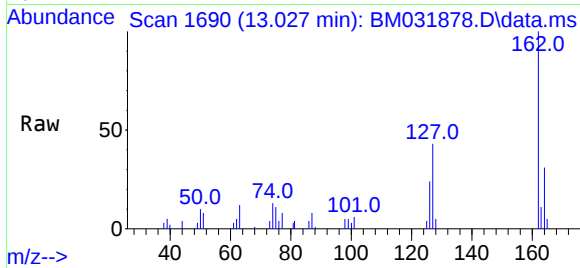
Tgt Ion:154 Resp: 22410
Ion Ratio Lower Upper
154 100
153 41.5 20.3 60.3
76 12.1 0.0 33.5





#47
2-Chloronaphthalene
Concen: 3.311 ng
RT: 13.027 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

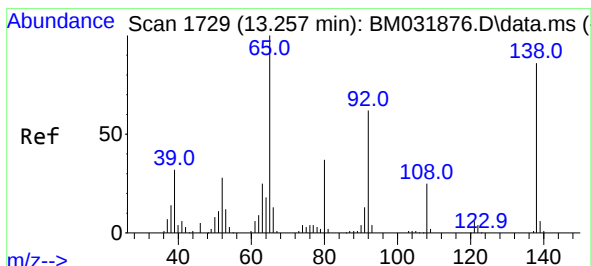
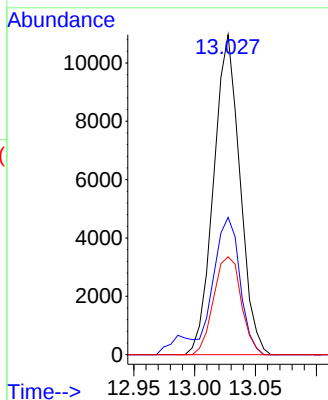
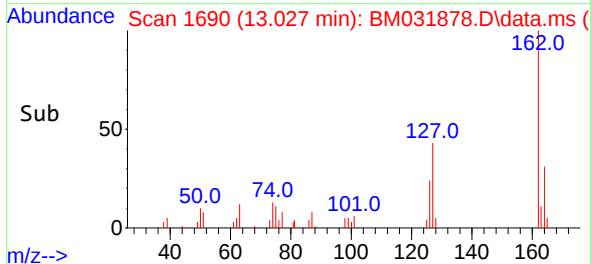
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



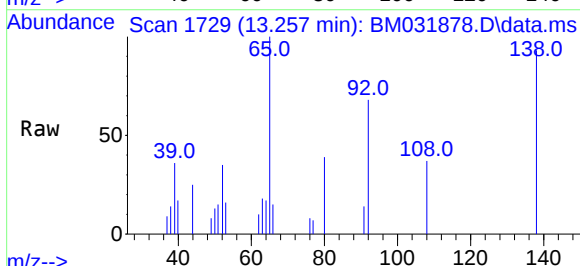
Tgt Ion:	162	Resp:	16511
Ion Ratio	Lower	Upper	
162	100		
127	42.9	33.2	49.8
164	30.6	25.7	38.5

Manual Integrations
APPROVED

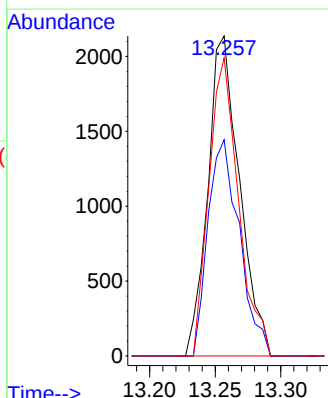
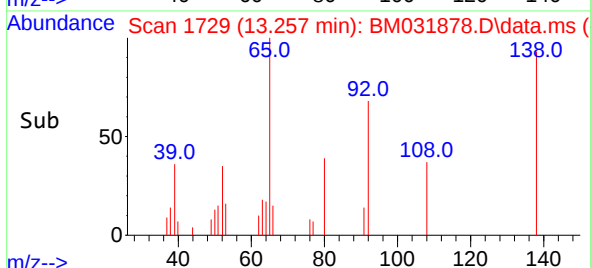
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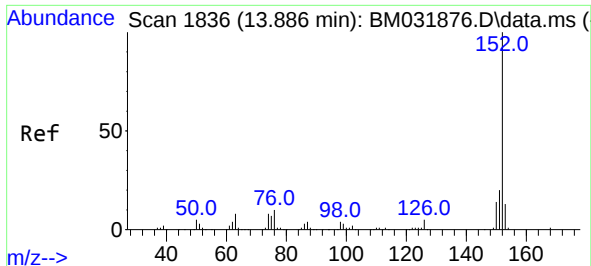


#48
2-Nitroaniline
Concen: 2.072 ng
RT: 13.257 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



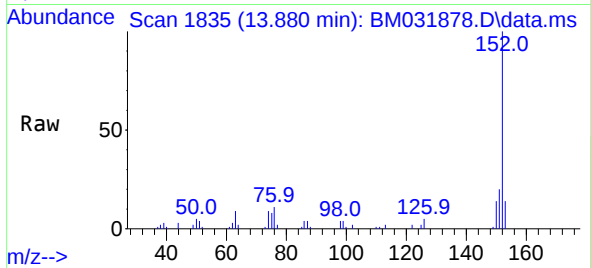
Tgt Ion:	65	Resp:	3595
Ion Ratio	Lower	Upper	
65	100		
92	67.6	51.2	76.8
138	93.2	66.8	100.2





#49
Acenaphthylene
Concen: 3.196 ng
RT: 13.880 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

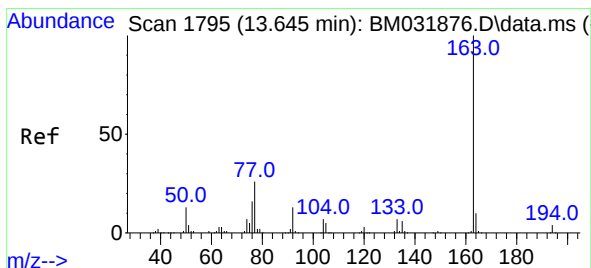
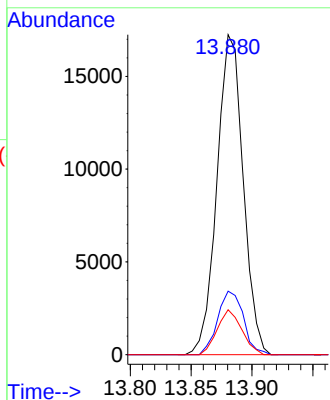
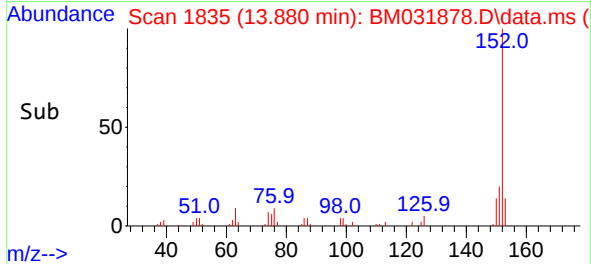
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



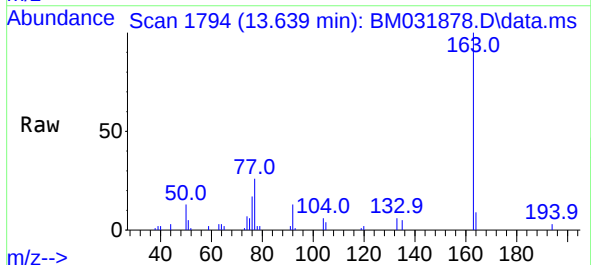
Tgt Ion:152 Resp: 25857
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 14.0 10.6 15.8

Manual Integrations
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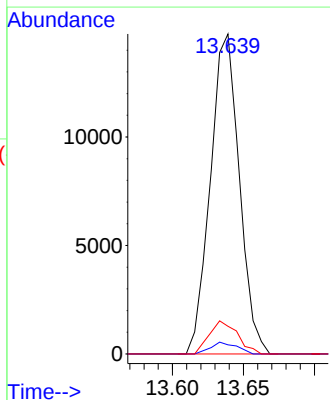
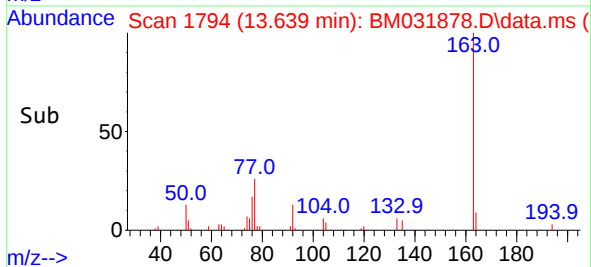
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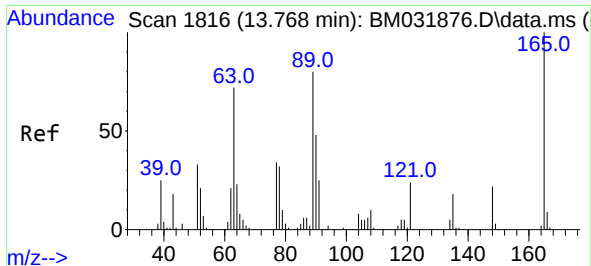


#50
Dimethylphthalate
Concen: 3.235 ng
RT: 13.639 min Scan# 1794
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



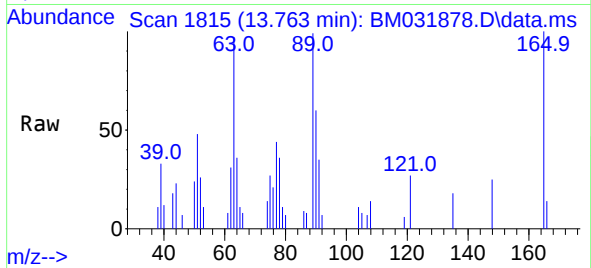
Tgt Ion:163 Resp: 20921
Ion Ratio Lower Upper
163 100
194 2.8 2.9 4.3#
164 8.7 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 2.472 ng
RT: 13.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

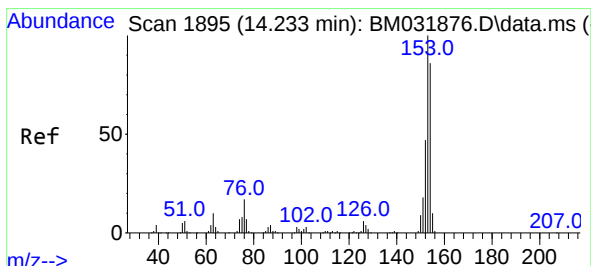
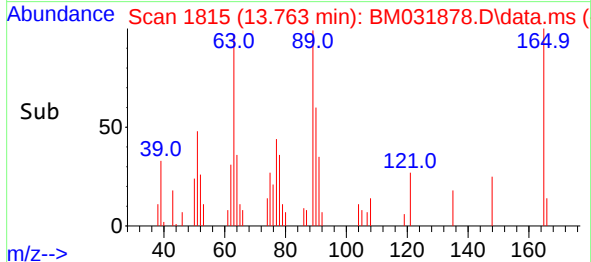
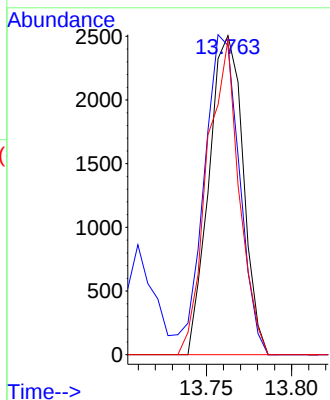
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



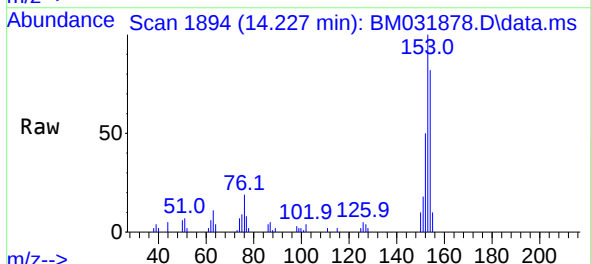
Tgt Ion:165 Resp: 3488
Ion Ratio Lower Upper
165 100
63 96.9 72.4 108.6
89 98.8 69.3 103.9

Manual Integrations
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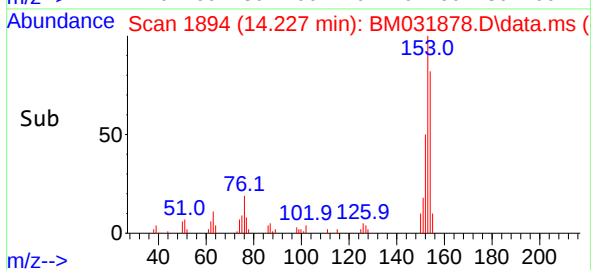
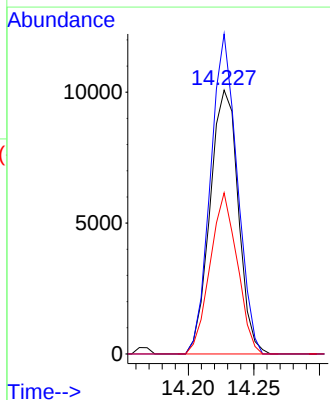
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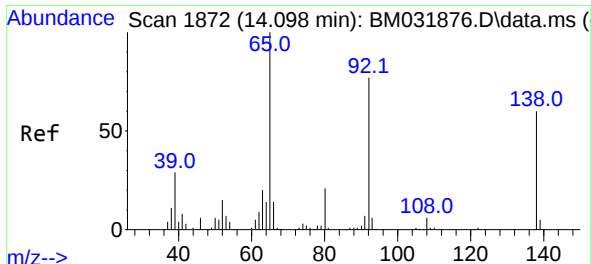


#52
Acenaphthene
Concen: 3.105 ng
RT: 14.227 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



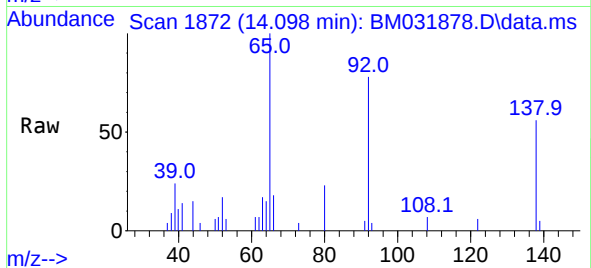
Tgt Ion:154 Resp: 15108
Ion Ratio Lower Upper
154 100
153 121.3 92.4 138.6
152 61.1 43.7 65.5





#53
3-Nitroaniline
Concen: 2.509 ng
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

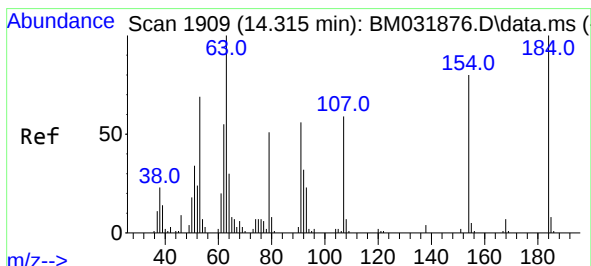
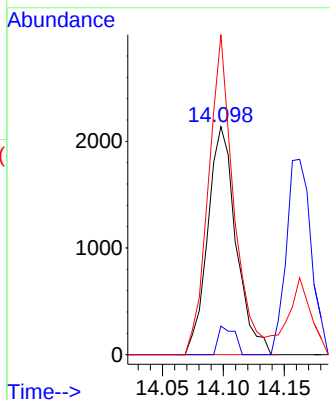
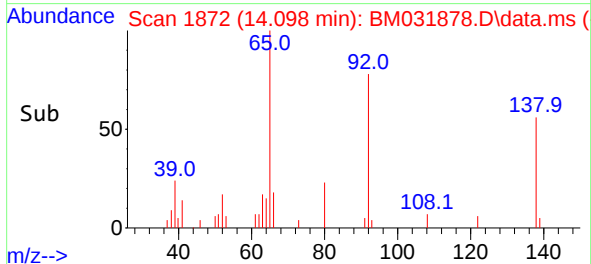
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



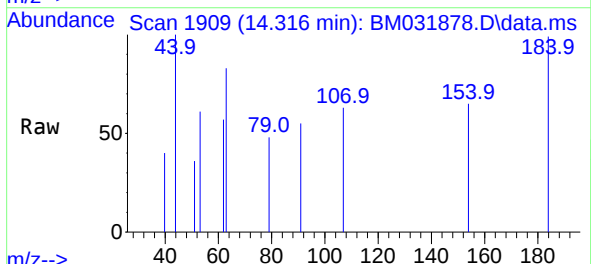
Tgt Ion:138 Resp: 3465
Ion Ratio Lower Upper
138 100
108 12.5 8.3 12.5#
92 140.4 105.2 157.8

Manual Integrations
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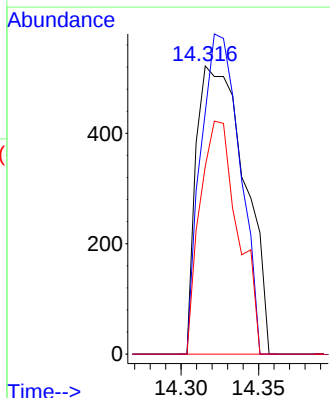
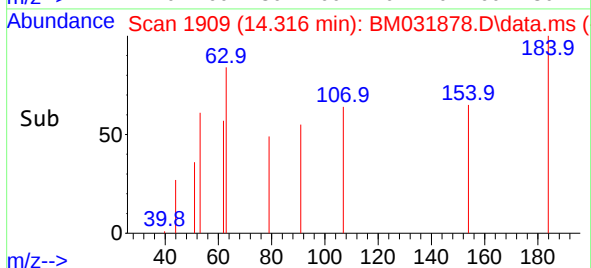
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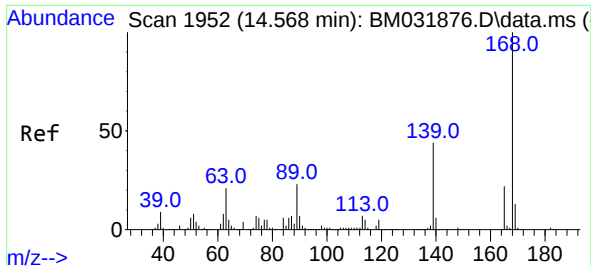


#54
2,4-Dinitrophenol
Concen: 1.434 ng
RT: 14.316 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

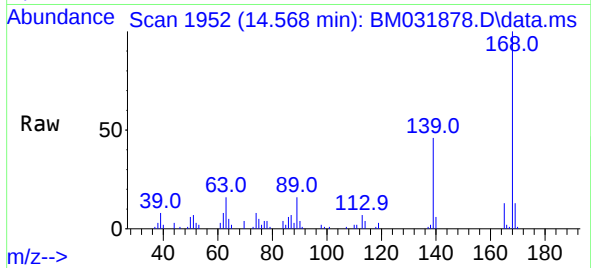


Tgt Ion:184 Resp: 1130
Ion Ratio Lower Upper
184 100
63 83.9 93.8 140.6#
154 65.1 64.0 96.0

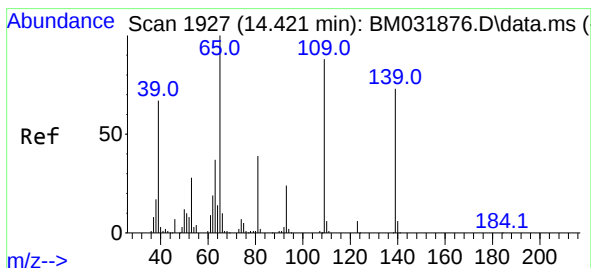
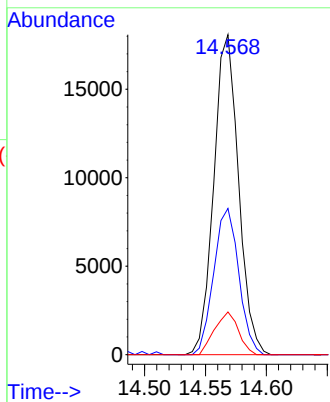
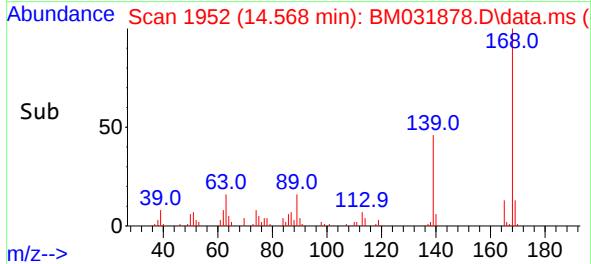




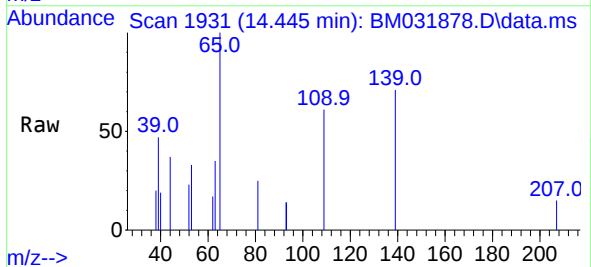
#55
Dibenzofuran
Concen: 3.175 ng
RT: 14.568 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



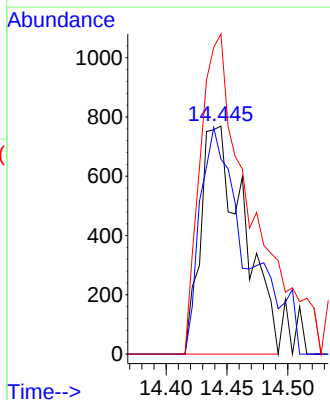
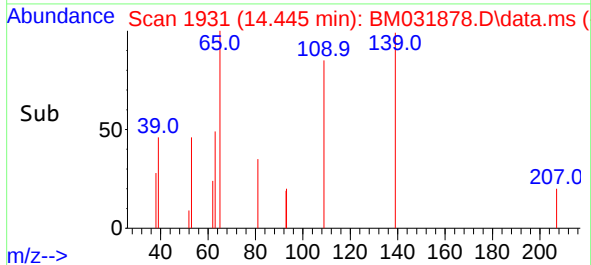
Tgt Ion:168 Resp: 25579
Ion Ratio Lower Upper
168 100
139 45.7 35.0 52.4
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 1.671 ng
RT: 14.445 min Scan# 1931
Delta R.T. 0.018 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



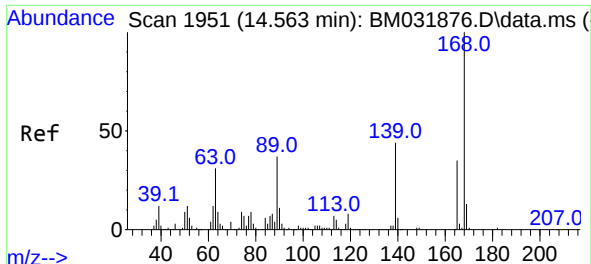
Tgt Ion:139 Resp: 1901
Ion Ratio Lower Upper
139 100
109 85.6 92.3 132.3#
65 140.4 110.5 150.5



Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

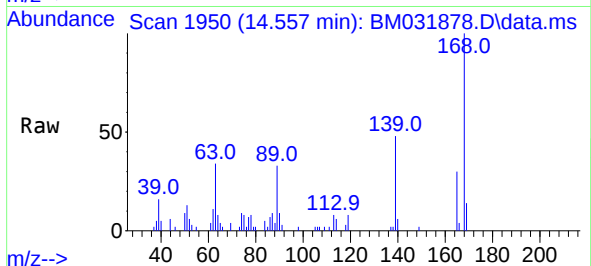
Manual Integrations
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#57
2,4-Dinitrotoluene
Concen: 2.309 ng
RT: 14.557 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

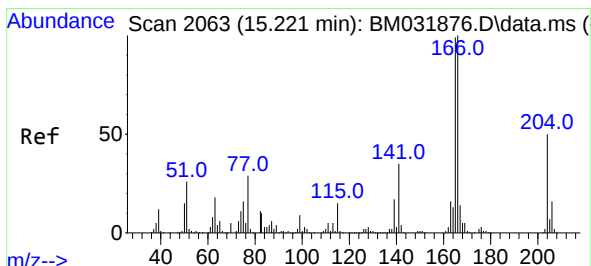
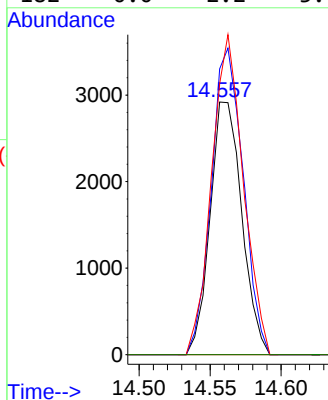
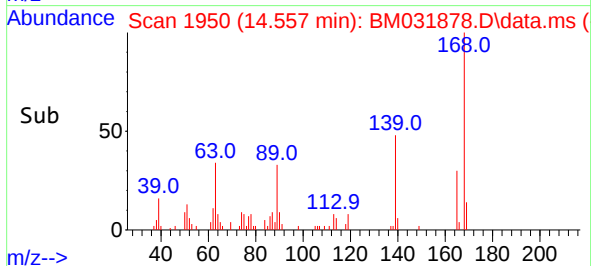
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



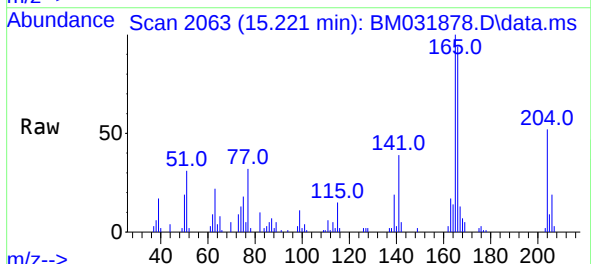
Tgt Ion:165 Resp: 4535
Ion Ratio Lower Upper
165 100
63 113.1 70.3 105.5#
89 107.2 83.1 124.7
182 0.0 2.2 3.4#

Manual Integrations
APPROVED

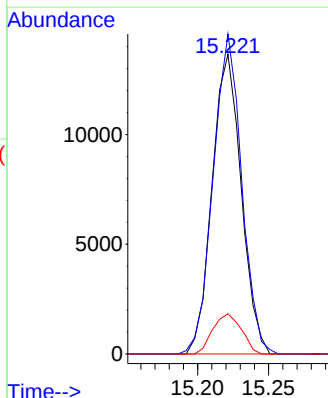
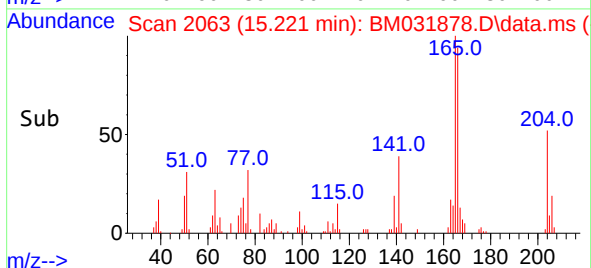
mohammad
8/25/2021 3:36:01 PM

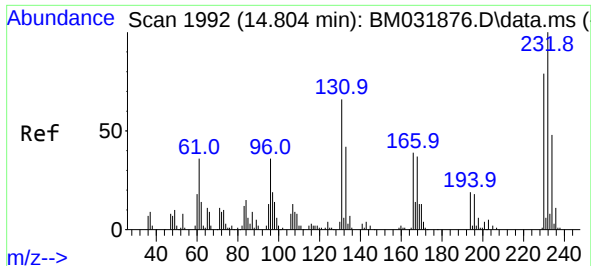


#58
Fluorene
Concen: 2.949 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

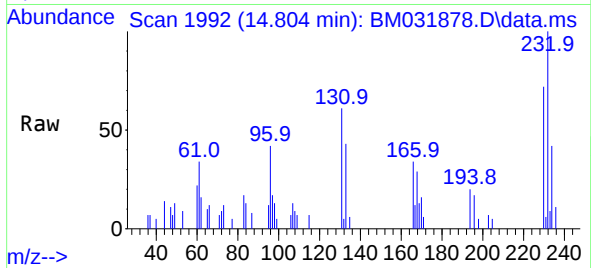


Tgt Ion:166 Resp: 19463
Ion Ratio Lower Upper
166 100
165 106.8 79.3 118.9
167 13.4 10.6 16.0

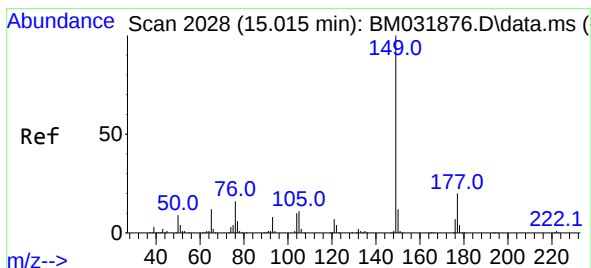
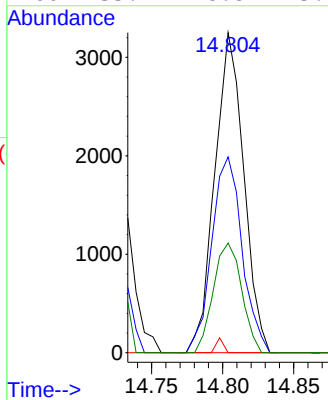
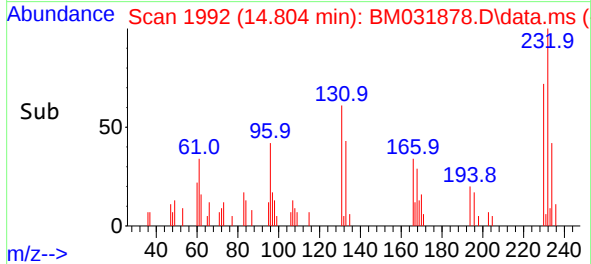




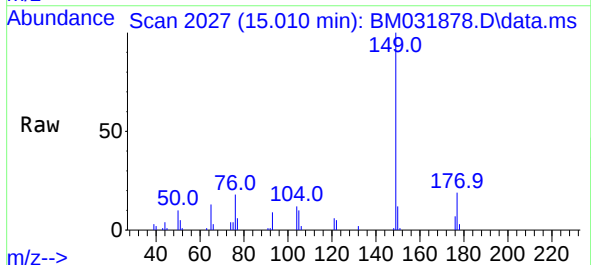
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.989 ng
RT: 14.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



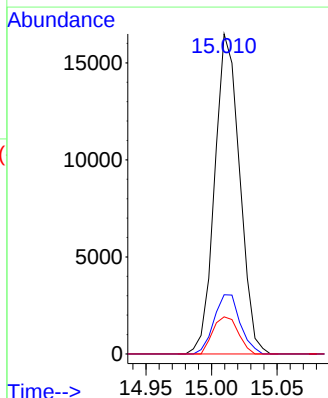
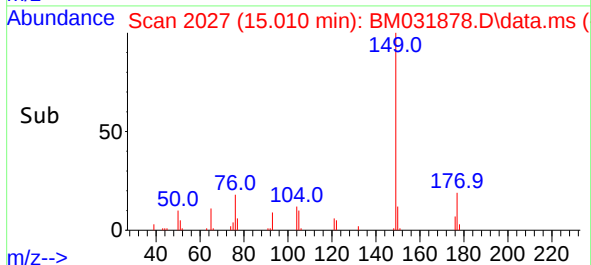
Tgt Ion:232 Resp: 4611
Ion Ratio Lower Upper
232 100
131 64.1 50.6 75.8
130 1.1 3.0 4.4#
166 33.4 28.8 43.2



#60
Diethylphthalate
Concen: 3.093 ng
RT: 15.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



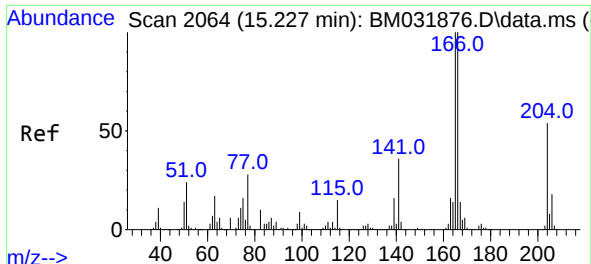
Tgt Ion:149 Resp: 21782
Ion Ratio Lower Upper
149 100
177 18.5 15.7 23.5
150 11.6 9.6 14.4



Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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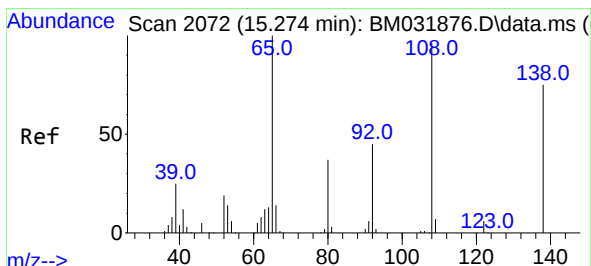
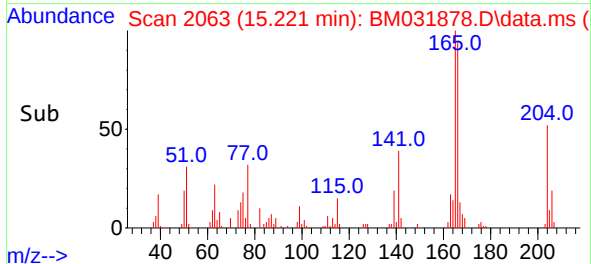
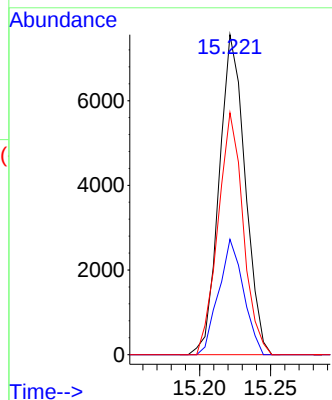
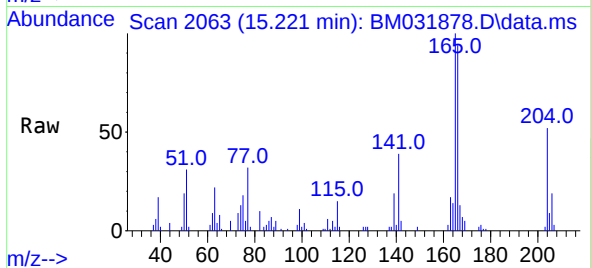
#61
4-Chlorophenyl-phenylether
Concen: 3.035 ng
RT: 15.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	204	Resp:	9599
Ion Ratio	Lower	Upper	
204	100		
206	36.0	26.7	40.1
141	75.6	55.8	83.8

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

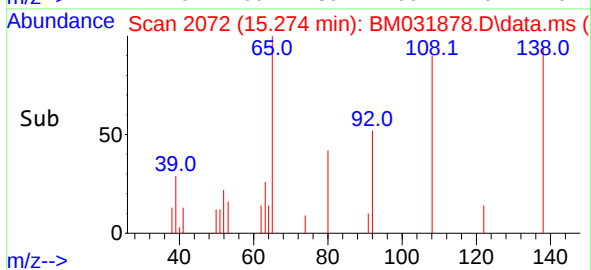
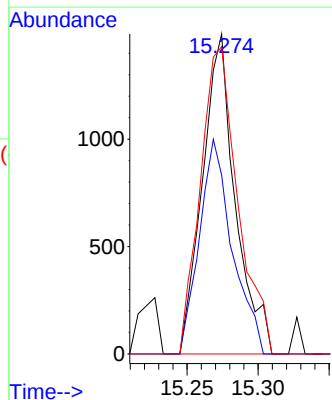
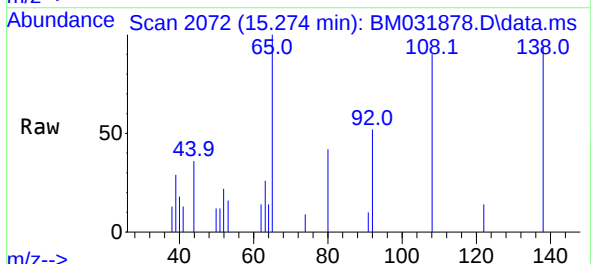
Manual Integrations
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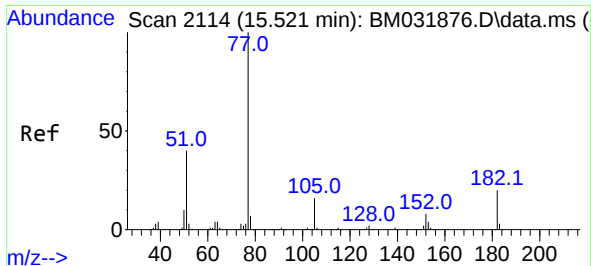
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#62
4-Nitroaniline
Concen: 1.825 ng
RT: 15.274 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

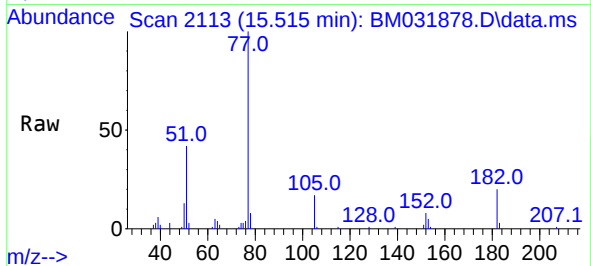
Tgt Ion:	138	Resp:	2398
Ion Ratio	Lower	Upper	
138	100		
92	55.9	40.6	80.6
108	96.0	103.8	143.8#





#63
Azobenzene
Concen: 2.997 ng
RT: 15.515 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

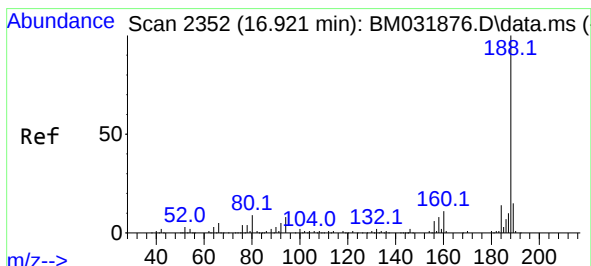
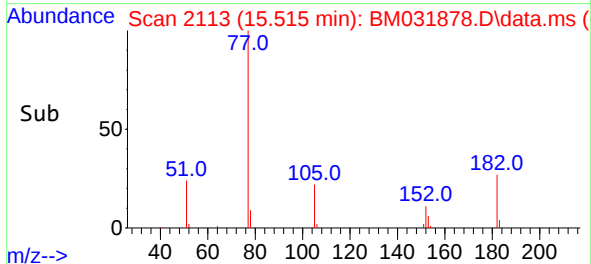
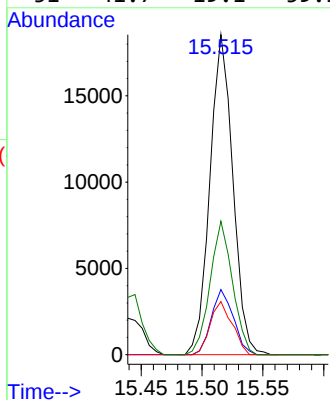
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



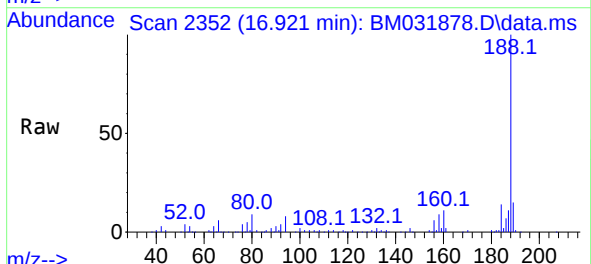
Tgt Ion: 77	Resp: 24327
Ion Ratio	Lower Upper
77 100	
182 20.4	0.0 39.3
105 16.6	0.0 36.1
51 41.7	19.1 59.1

Manual Integrations
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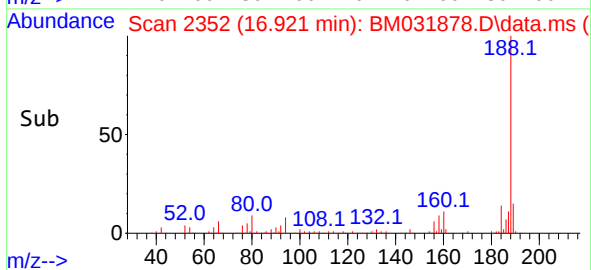
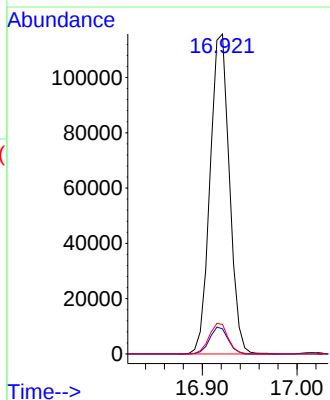
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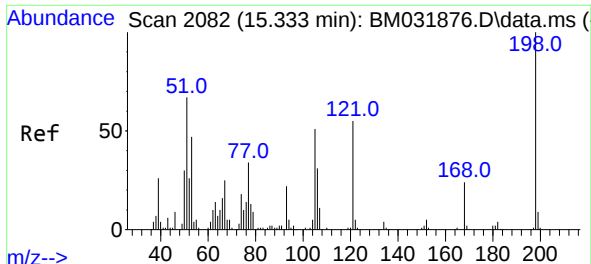


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2352
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



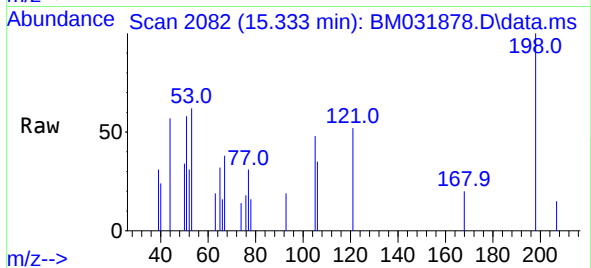
Tgt Ion:188	Resp: 164521
Ion Ratio	Lower Upper
188 100	
94 7.9	6.3 9.5
80 9.2	7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 1.588 ng
RT: 15.333 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

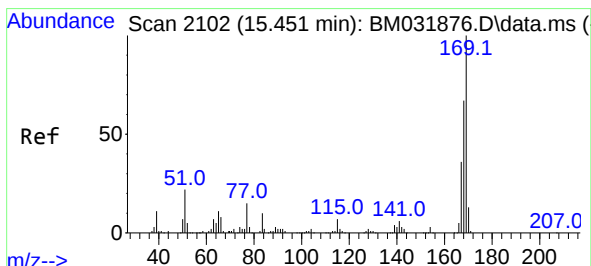
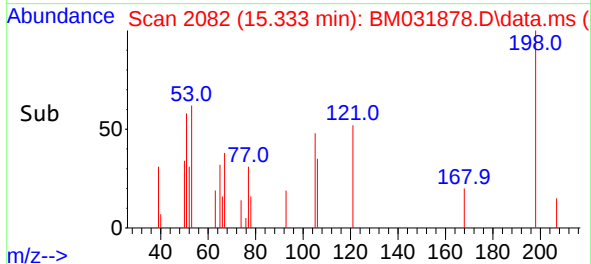
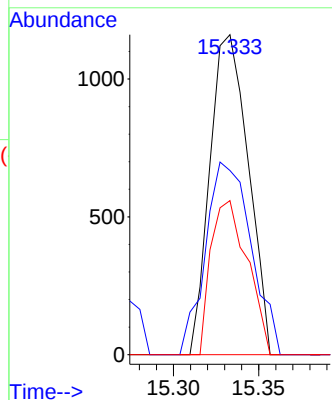
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



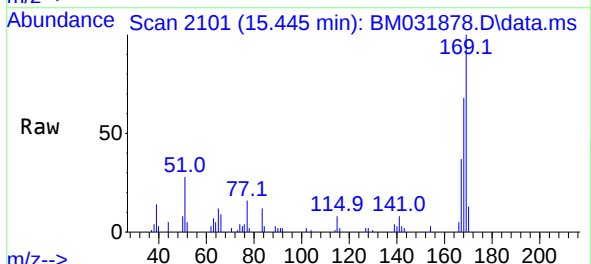
Tgt Ion:198 Resp: 1820
Ion Ratio Lower Upper
198 100
51 57.5 49.7 89.7
105 48.1 34.9 74.9

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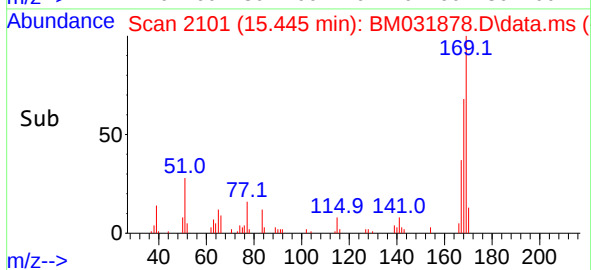
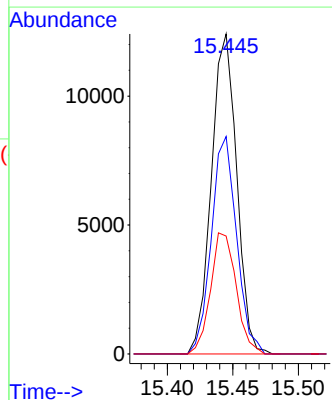
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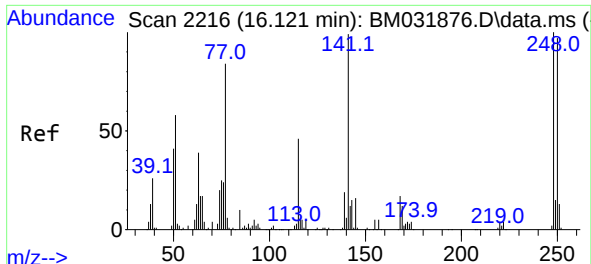


#66
n-Nitrosodiphenylamine
Concen: 2.998 ng
RT: 15.445 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



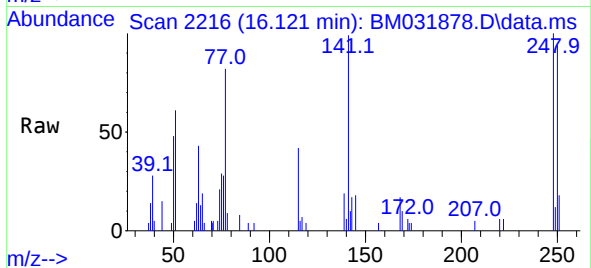
Tgt Ion:169 Resp: 16656
Ion Ratio Lower Upper
169 100
168 68.0 55.0 82.4
167 36.9 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 3.218 ng
RT: 16.121 min Scan# 2216
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

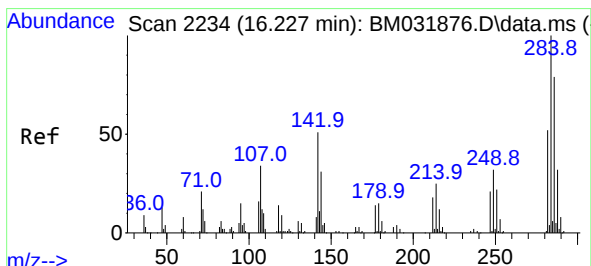
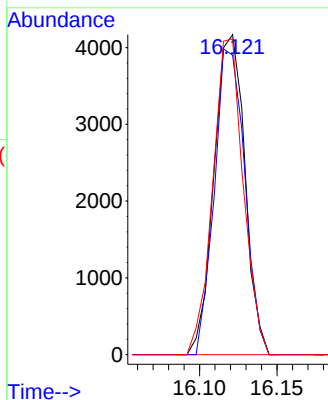
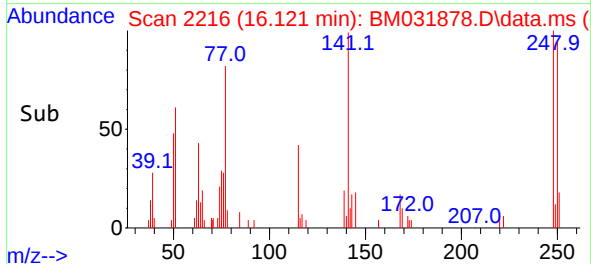
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



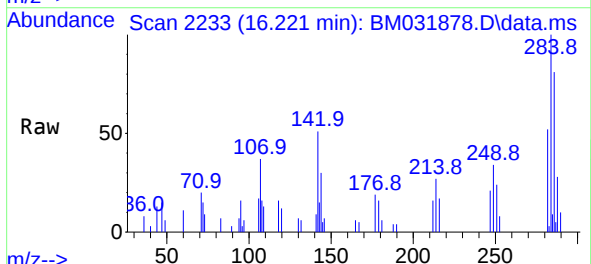
Tgt Ion:248 Resp: 5751
Ion Ratio Lower Upper
248 100
250 93.6 77.4 116.2
141 98.7 74.1 111.1

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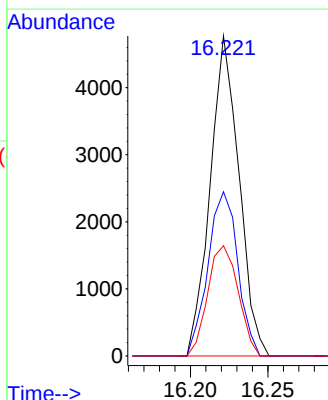
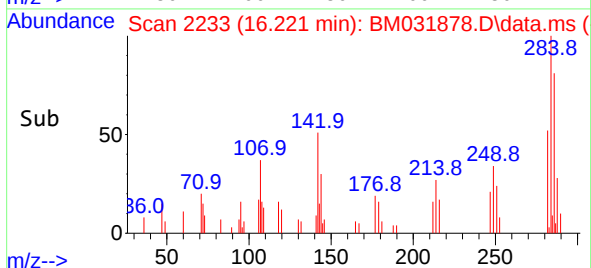
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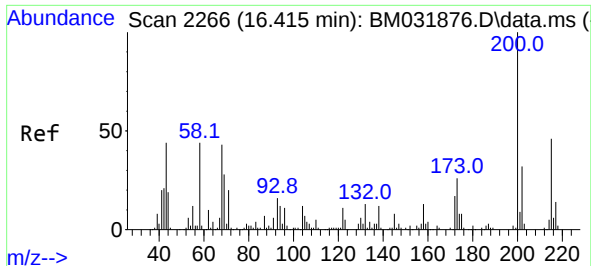


#68
Hexachlorobenzene
Concen: 3.263 ng
RT: 16.221 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:284 Resp: 6170
Ion Ratio Lower Upper
284 100
142 51.3 43.0 64.6
249 34.5 27.6 41.4





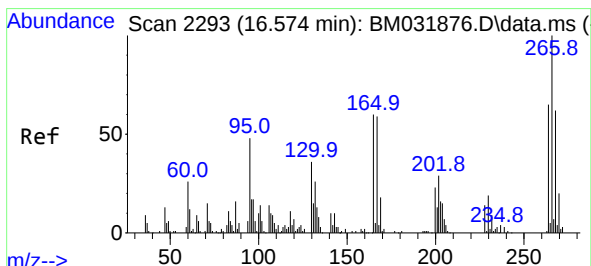
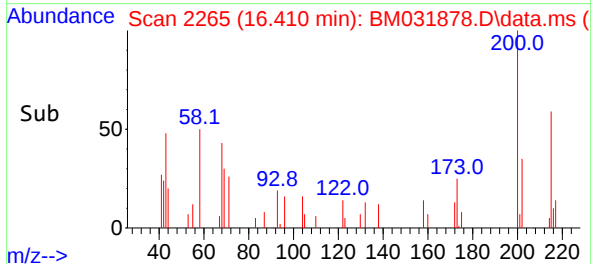
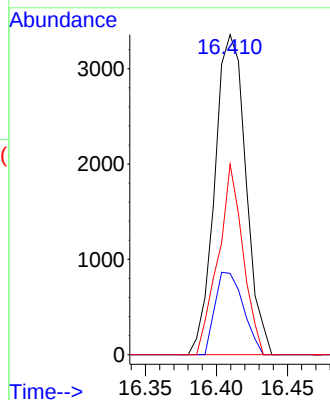
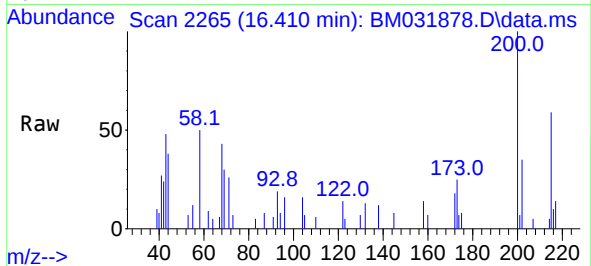
#69
Atrazine
Concen: 2.753 ng
RT: 16.410 min Scan# 2265
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	200	Resp:	5112
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.8	45.8
215	59.5	23.6	63.6

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

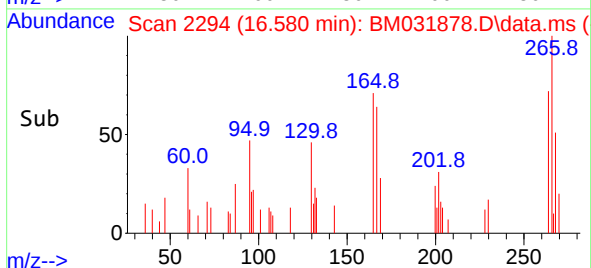
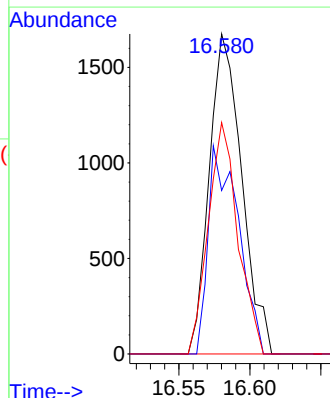
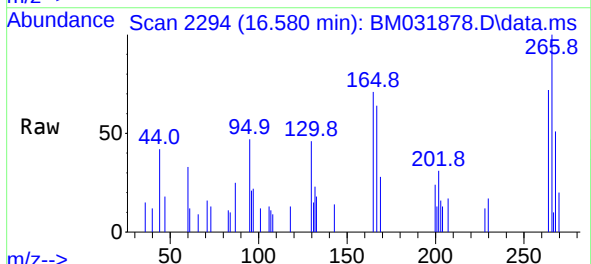
Manual Integrations
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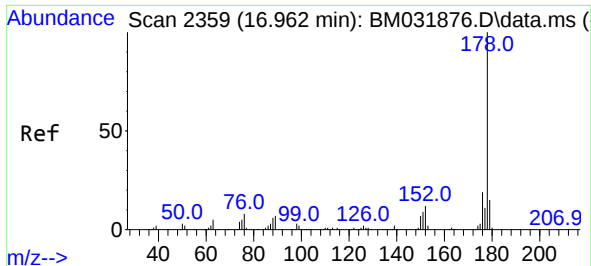
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#70
Pentachlorophenol
Concen: 2.155 ng
RT: 16.580 min Scan# 2294
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

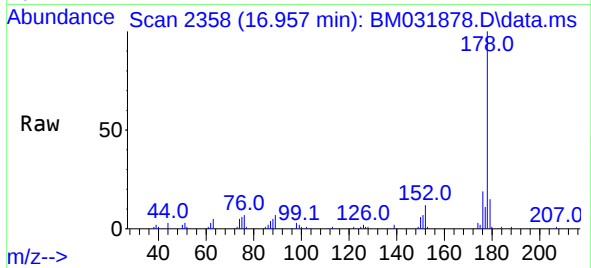
Tgt Ion:	266	Resp:	2665
Ion Ratio	Lower	Upper	
266	100		
268	51.1	50.3	75.5
264	72.3	52.1	78.1





#71
Phenanthrene
Concen: 3.145 ng
RT: 16.957 min Scan# 2358
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

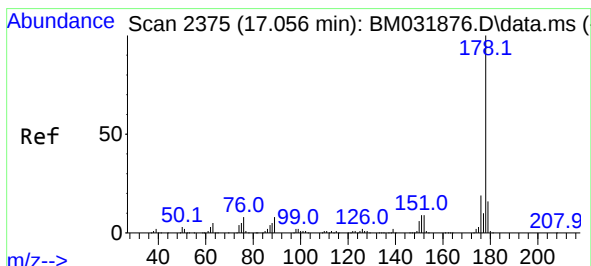
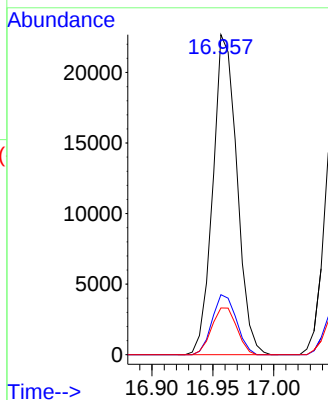
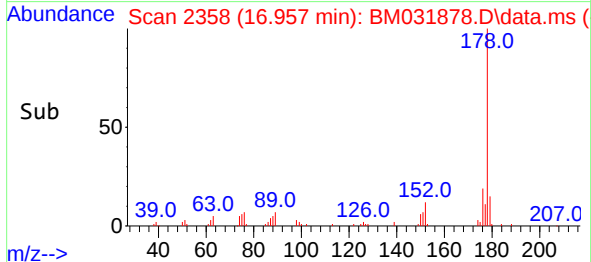
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



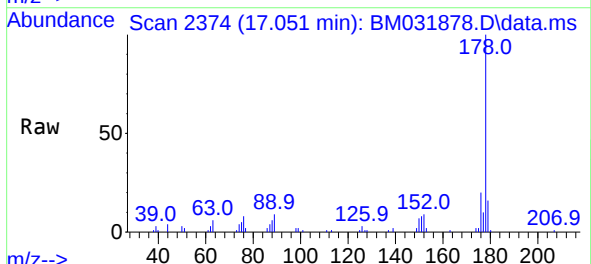
Tgt Ion:178 Resp: 31158
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 14.6 12.4 18.6

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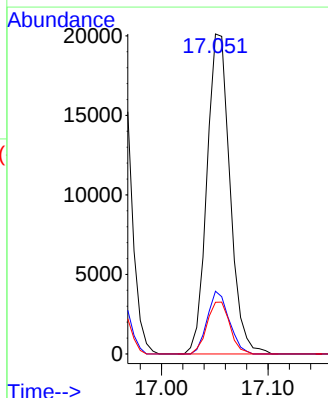
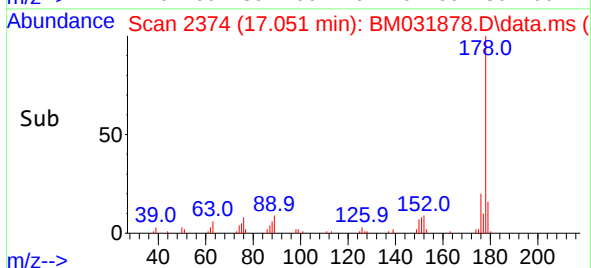
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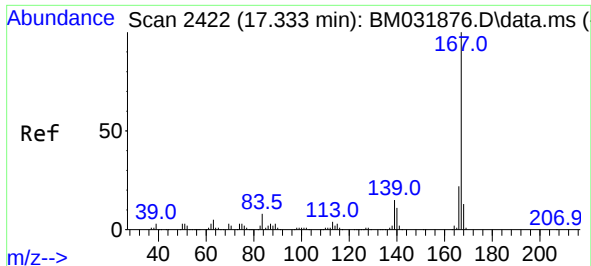


#72
Anthracene
Concen: 3.103 ng
RT: 17.051 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



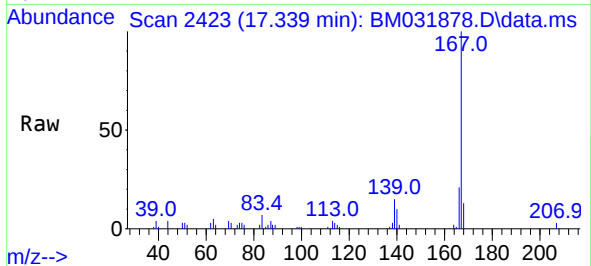
Tgt Ion:178 Resp: 30252
Ion Ratio Lower Upper
178 100
176 19.6 14.8 22.2
179 16.2 12.3 18.5





#73
Carbazole
Concen: 2.814 ng
RT: 17.339 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

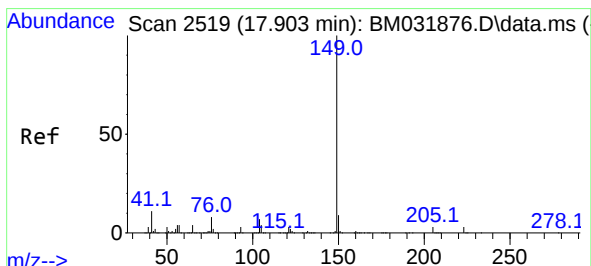
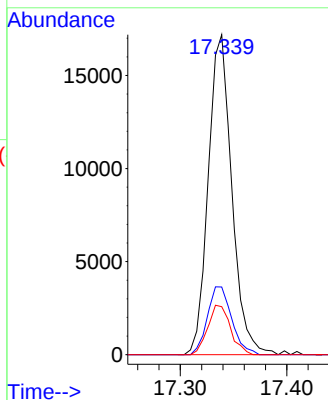
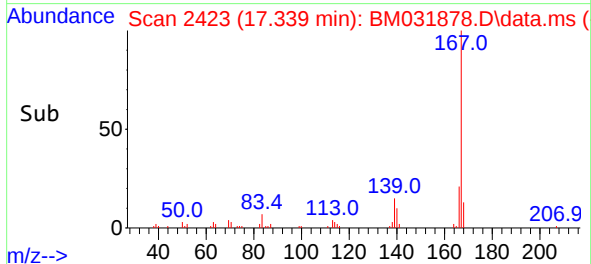
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



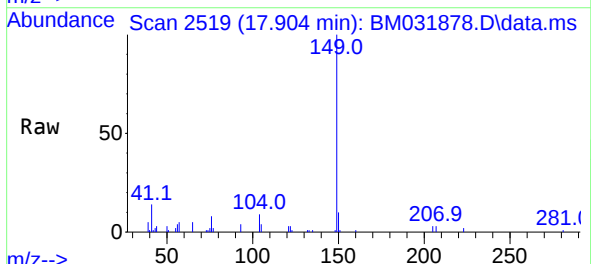
Tgt Ion:167 Resp: 26387
Ion Ratio Lower Upper
167 100
166 21.1 17.4 26.0
139 15.0 11.9 17.9

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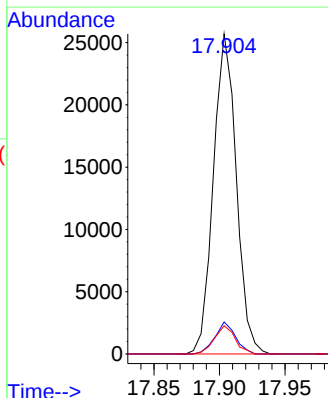
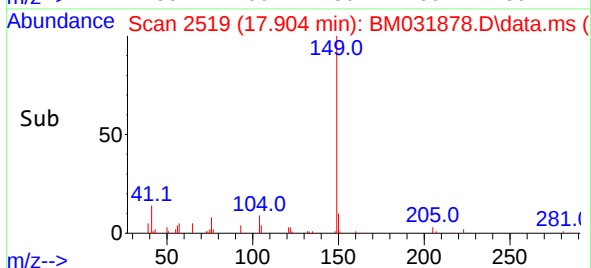
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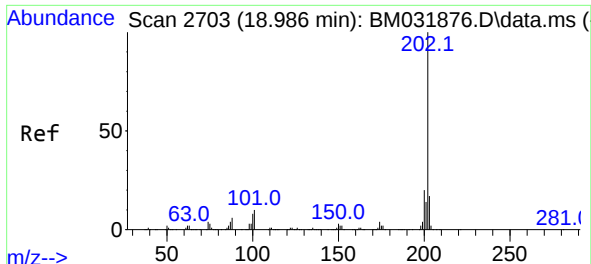


#74
Di-n-butylphthalate
Concen: 2.498 ng
RT: 17.904 min Scan# 2519
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



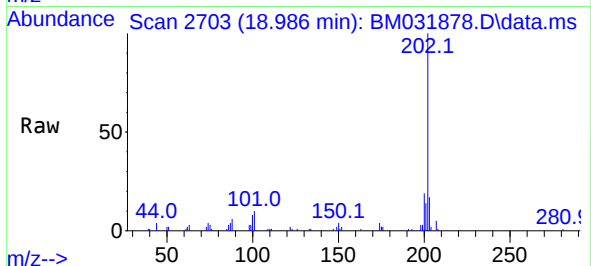
Tgt Ion:149 Resp: 31203
Ion Ratio Lower Upper
149 100
150 10.0 7.3 10.9
104 8.8 5.6 8.4#





#75
Fluoranthene
Concen: 2.817 ng
RT: 18.986 min Scan# 2703
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

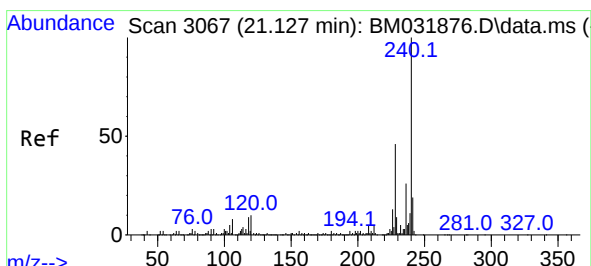
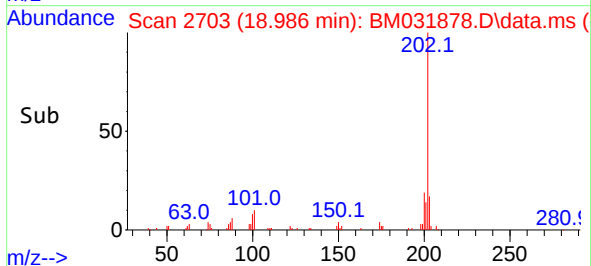
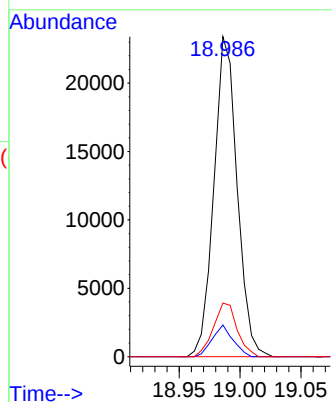
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



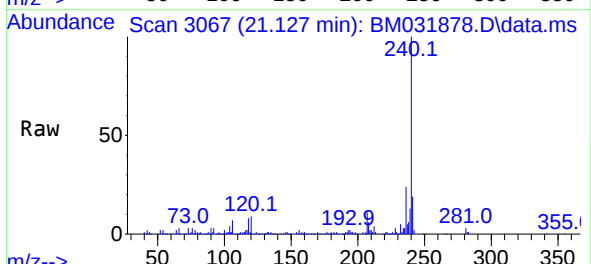
Tgt Ion:202 Resp: 31029
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.9
203 16.7 0.0 36.8

Manual Integrations
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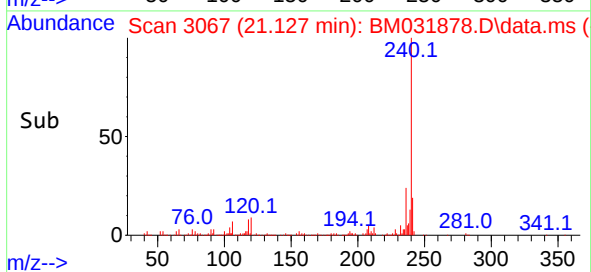
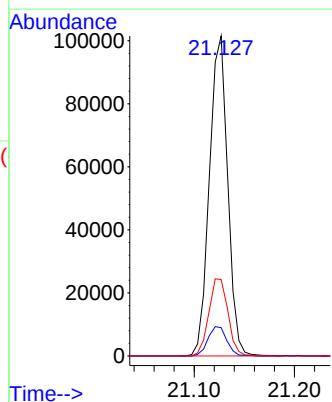
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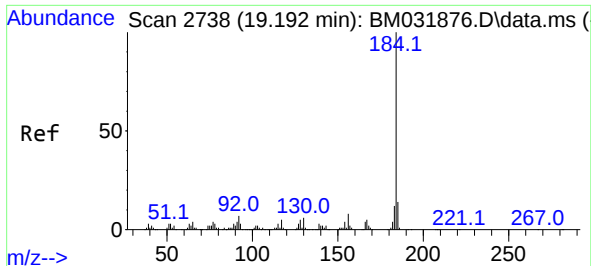


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.127 min Scan# 3067
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:240 Resp: 128458
Ion Ratio Lower Upper
240 100
120 8.8 7.8 11.6
236 23.9 20.9 31.3





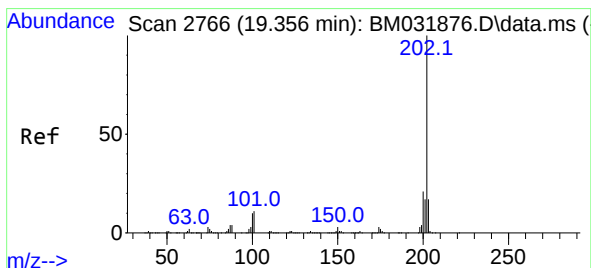
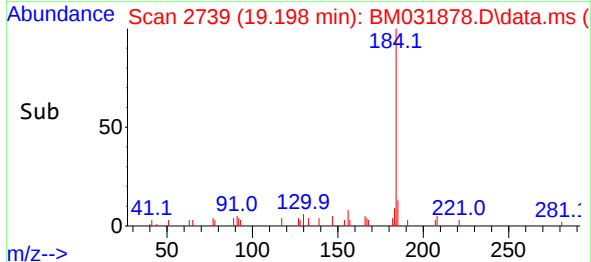
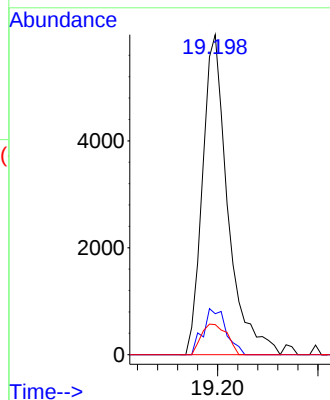
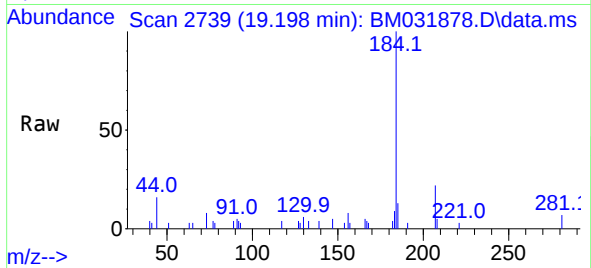
#77
Benzidine
Concen: 3.202 ng
RT: 19.198 min Scan# 2739
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	184	Resp:	10517
Ion	Ratio	Lower	Upper
184	100		
185	12.8	10.6	16.0
183	9.4	9.0	13.4

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

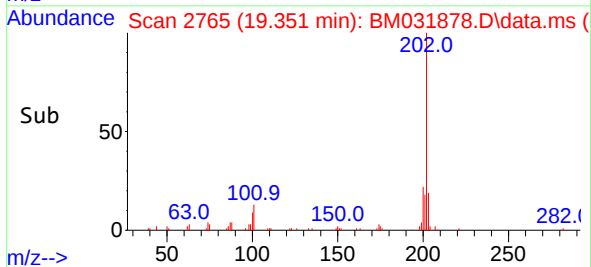
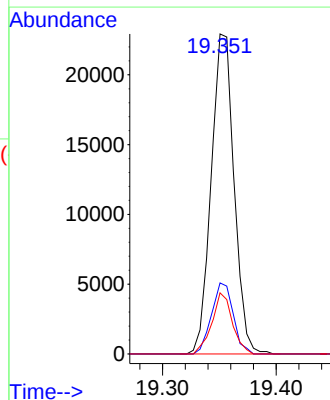
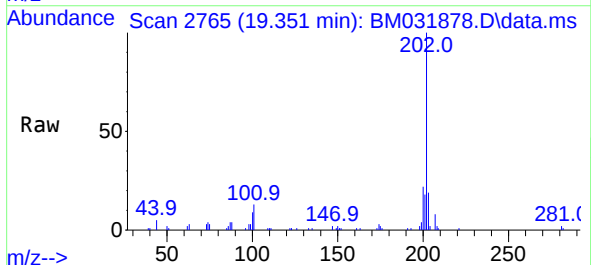
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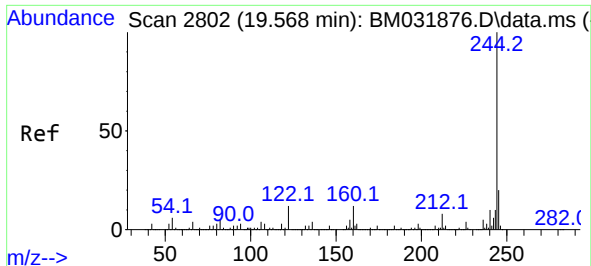
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#78
Pyrene
Concen: 3.115 ng
RT: 19.351 min Scan# 2765
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

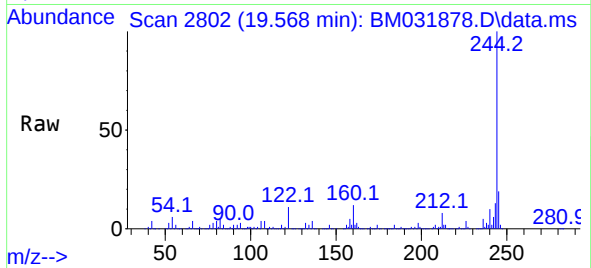
Tgt Ion:	202	Resp:	32066
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.6	25.0
203	19.1	13.7	20.5





#79
 Terphenyl-d14
 Concen: 66.354 ng
 RT: 19.568 min Scan# 2802
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52

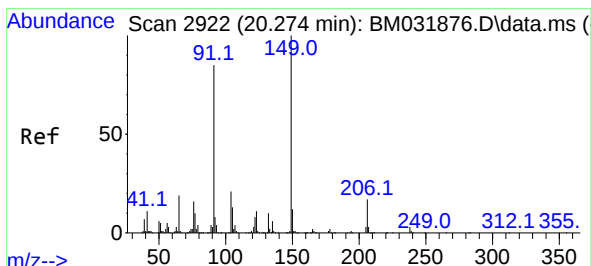
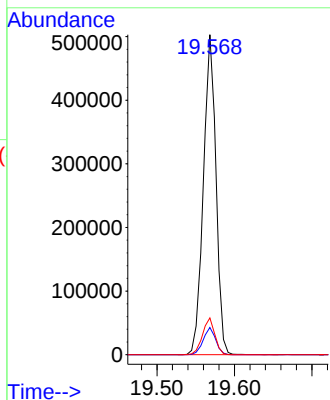
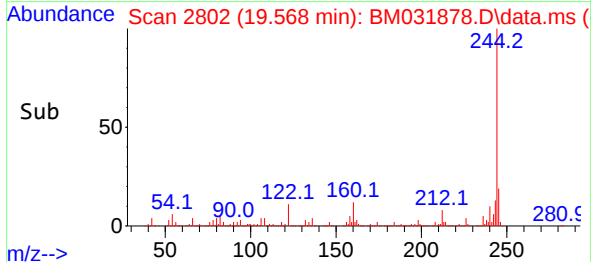
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



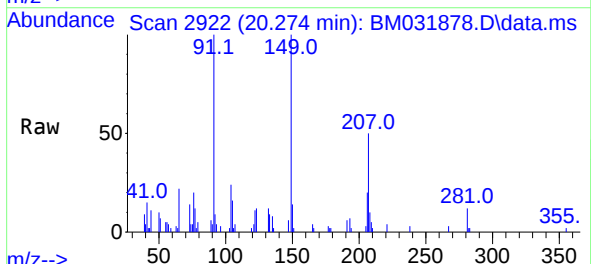
Tgt Ion:244 Resp: 566566
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.5 9.7
 122 11.5 8.7 13.1

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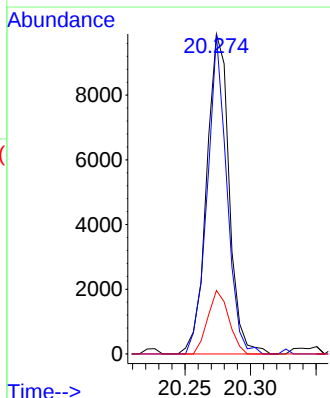
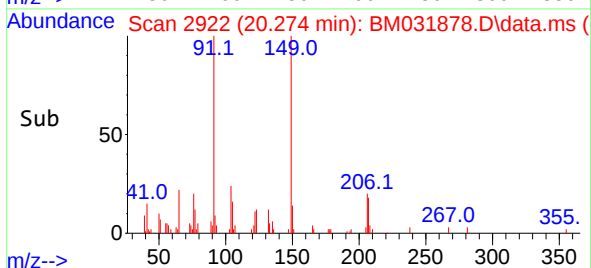
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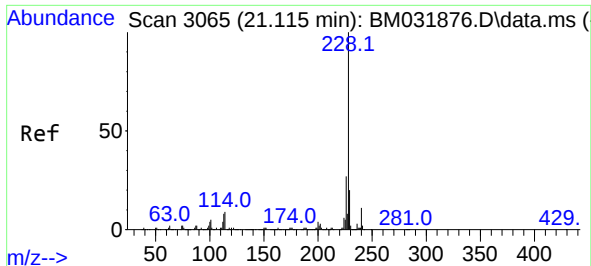


#80
 Butylbenzylphthalate
 Concen: 2.324 ng
 RT: 20.274 min Scan# 2922
 Delta R.T. -0.006 min
 Lab File: BM031878.D
 Acq: 24 Aug 2021 09:52



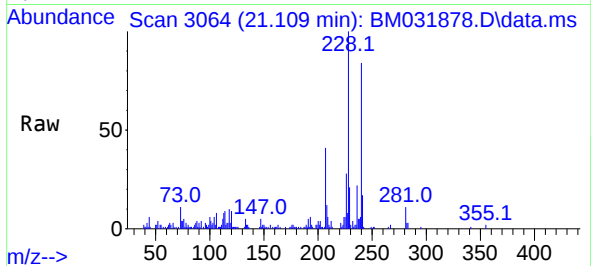
Tgt Ion:149 Resp: 11794
 Ion Ratio Lower Upper
 149 100
 91 99.8 64.0 96.0#
 206 19.8 14.4 21.6





#81
Benzo(a)anthracene
Concen: 3.018 ng
RT: 21.109 min Scan# 3064
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

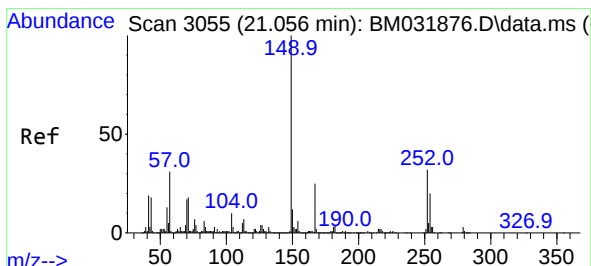
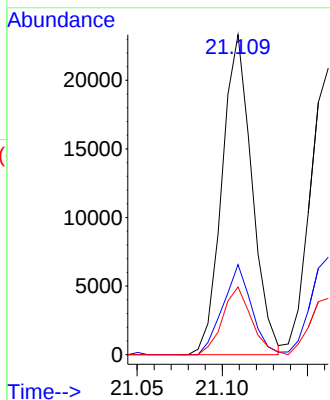
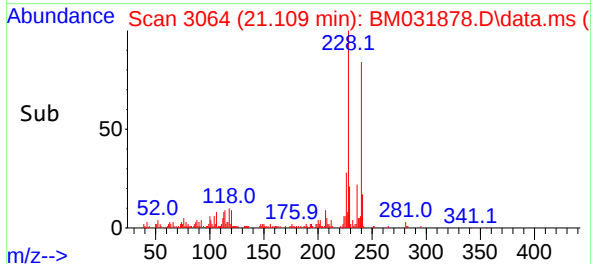
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



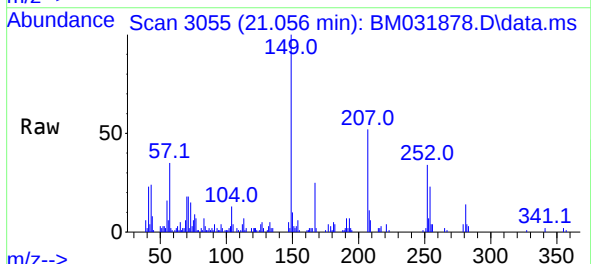
Tgt Ion:228 Resp: 28419
Ion Ratio Lower Upper
228 100
226 28.1 21.4 32.2
229 21.2 15.3 22.9

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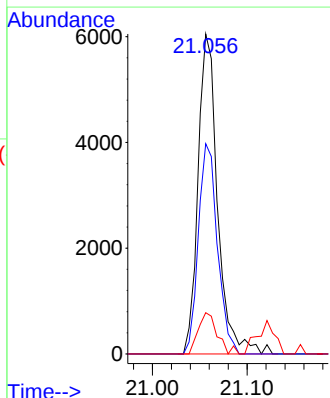
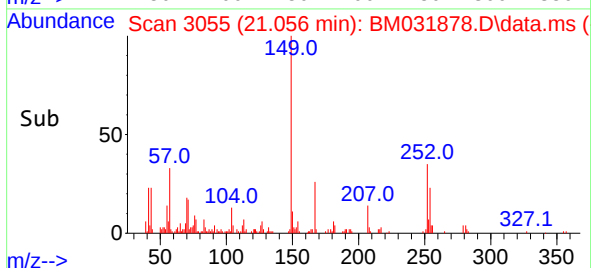
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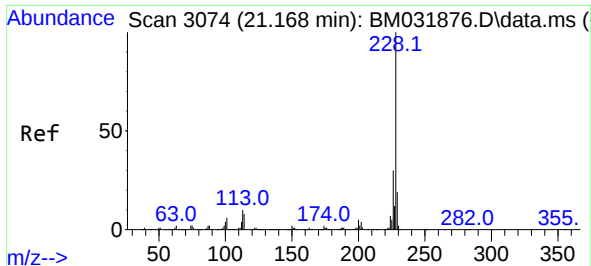


#82
3,3'-Dichlorobenzidine
Concen: 3.120 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:252 Resp: 8699
Ion Ratio Lower Upper
252 100
254 65.7 51.6 77.4
126 12.9 9.7 14.5





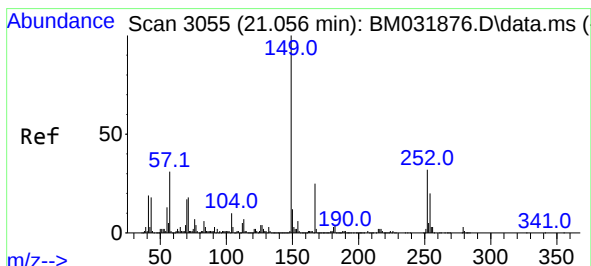
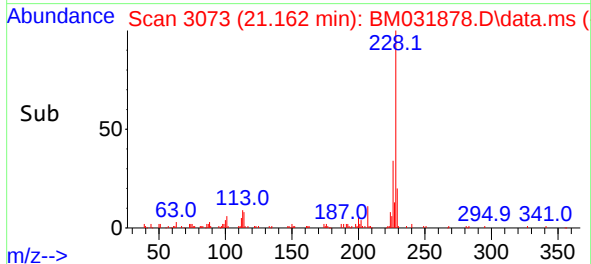
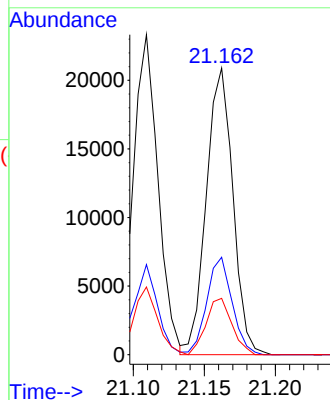
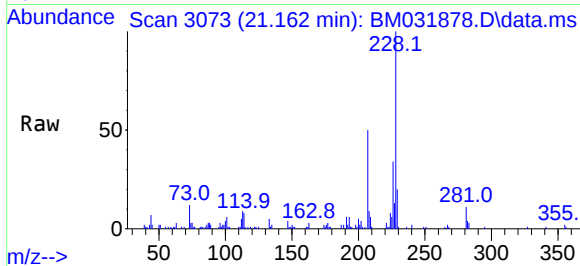
#83
Chrysene
Concen: 3.002 ng
RT: 21.162 min Scan# 3073
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion: 228 Resp: 27209
Ion Ratio Lower Upper
228 100
226 34.0 24.0 36.0
229 19.7 16.0 24.0

Instrument :
BNA_M
ClientSampleId :
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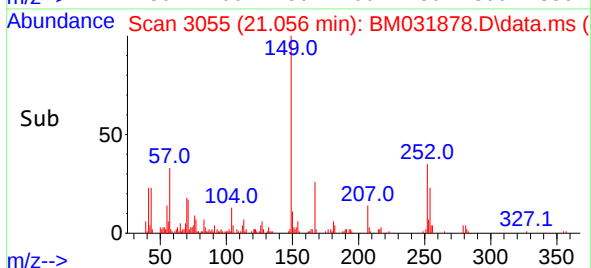
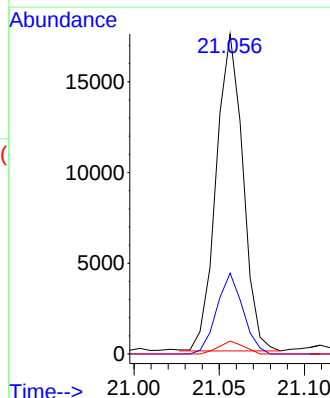
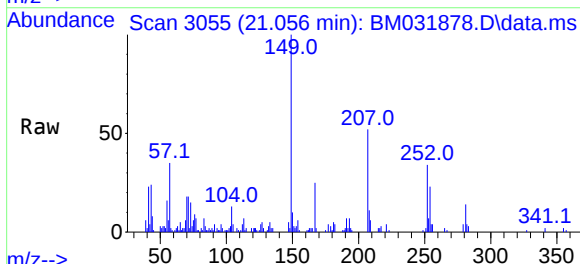
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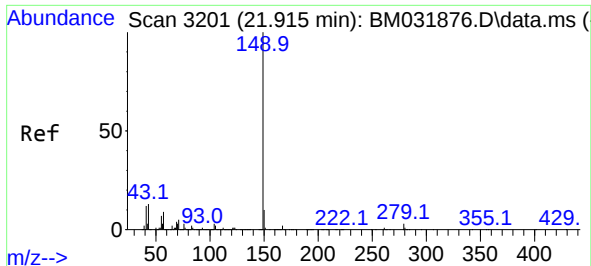
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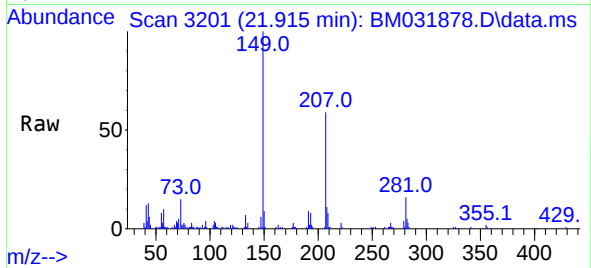
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.413 ng
RT: 21.056 min Scan# 3055
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion: 149 Resp: 19054
Ion Ratio Lower Upper
149 100
167 25.3 19.7 29.5
279 4.0 2.6 4.0#

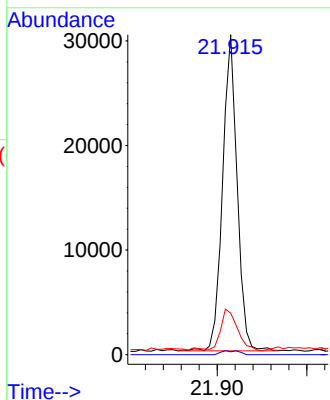
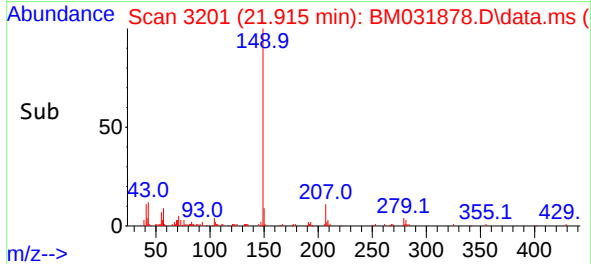




#85
Di-n-octyl phthalate
Concen: 2.695 ng
RT: 21.915 min Scan# 3201
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



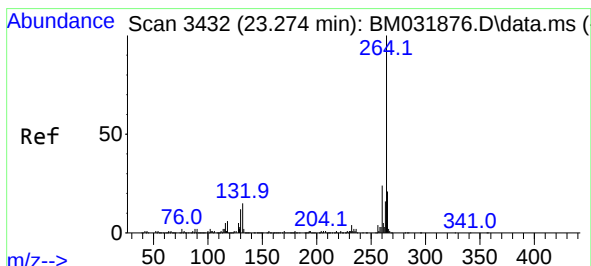
Tgt Ion:149 Resp: 34044
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 14.9 10.4 15.6



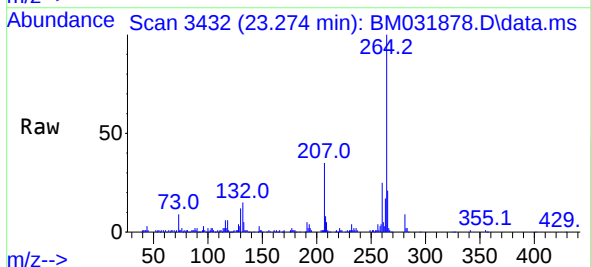
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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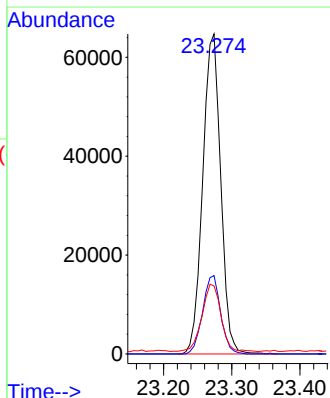
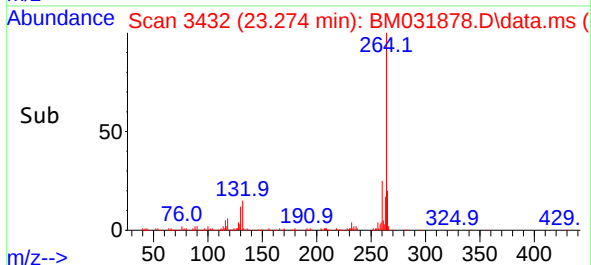
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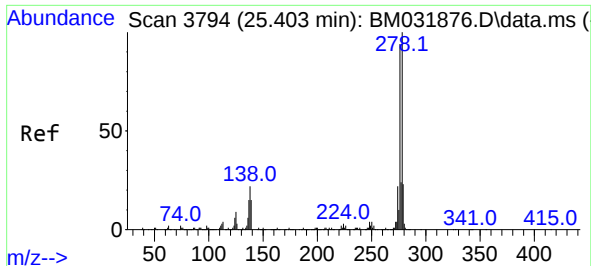


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.274 min Scan# 3432
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion:264 Resp: 118623
Ion Ratio Lower Upper
264 100
260 24.5 19.3 28.9
265 21.2 18.3 27.5





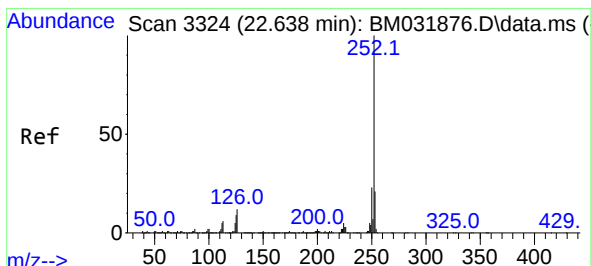
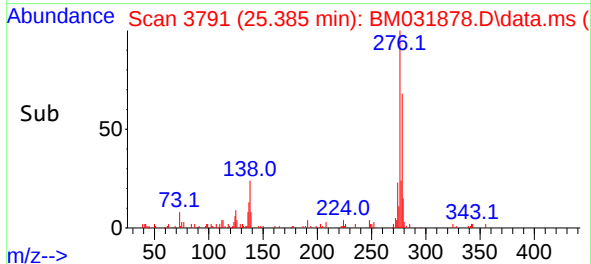
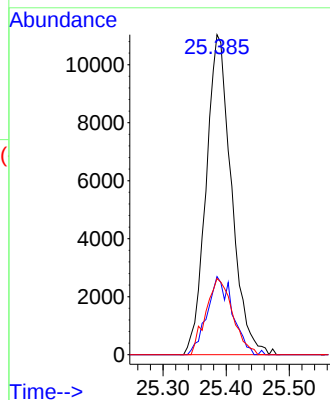
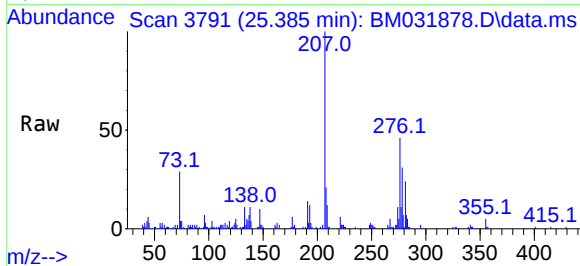
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.330 ng
RT: 25.385 min Scan# 3791
Delta R.T. -0.012 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	276	Resp:	30667
Ion Ratio	Lower	Upper	
276	100		
138	24.5	18.4	27.6
277	25.2	20.1	30.1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

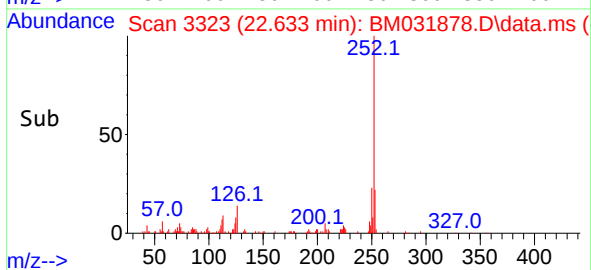
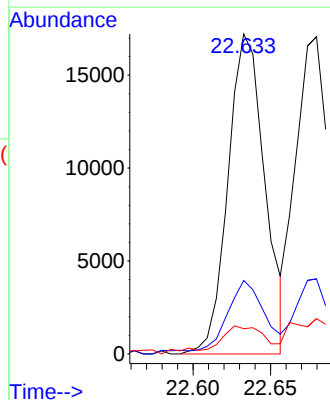
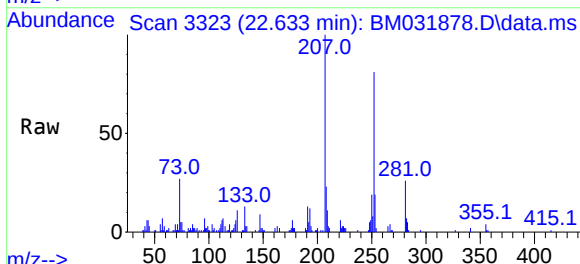
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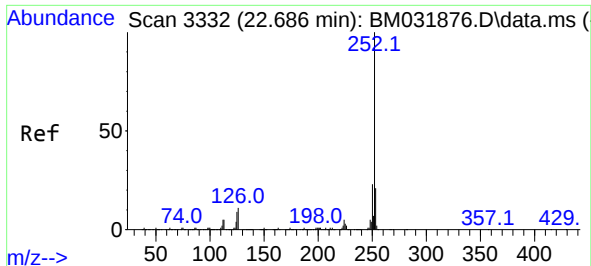
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#88
Benzo(b)fluoranthene
Concen: 3.253 ng
RT: 22.633 min Scan# 3323
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion:	252	Resp:	28422
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	7.9	7.5	11.3





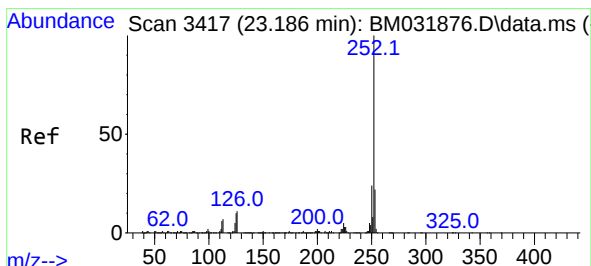
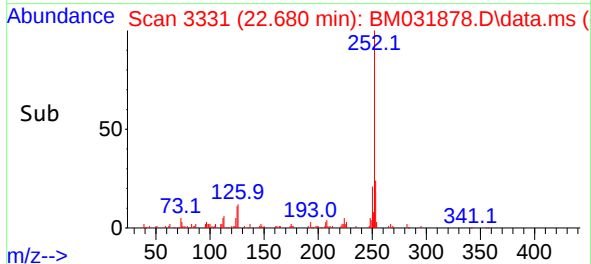
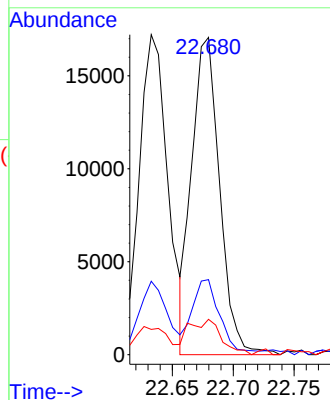
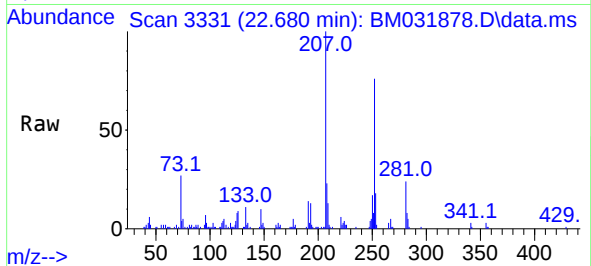
#89
Benzo(k)fluoranthene
Concen: 3.236 ng
RT: 22.680 min Scan# 3331
Delta R.T. 0.000 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.3	25.9
125	11.1	7.5	11.3

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

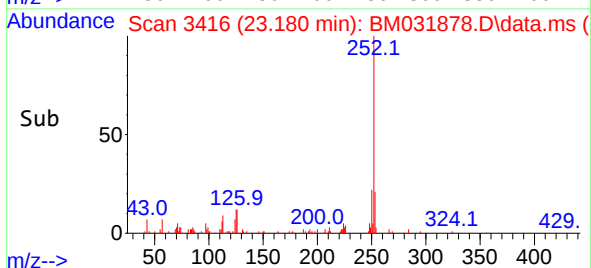
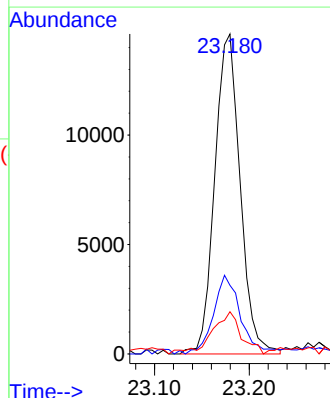
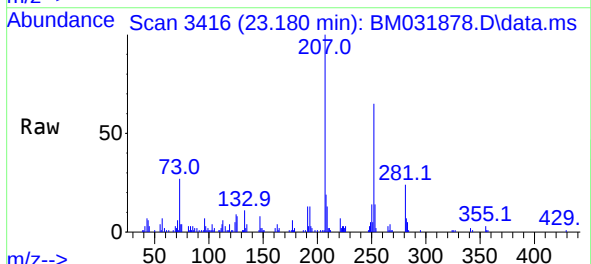
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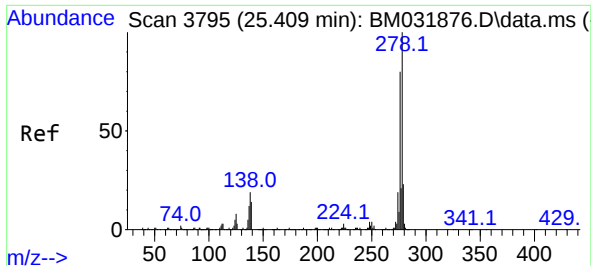
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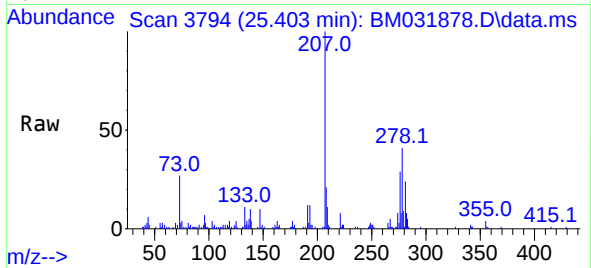
#90
Benzo(a)pyrene
Concen: 3.478 ng
RT: 23.180 min Scan# 3416
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	13.2	8.1	12.1

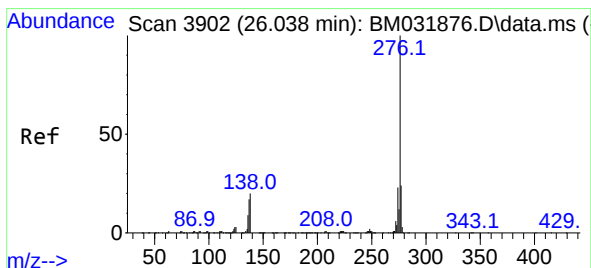
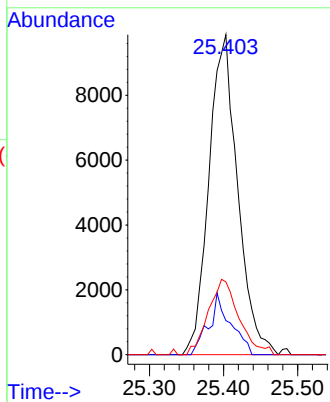
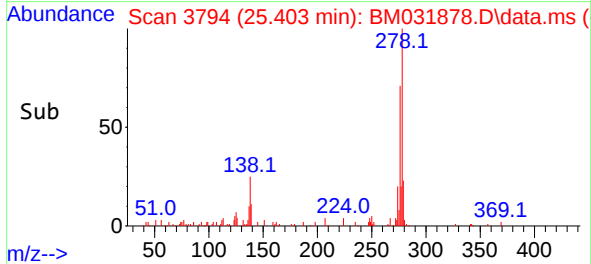




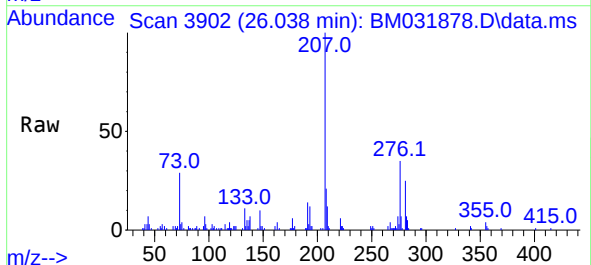
#91
Dibenzo(a,h)anthracene
Concen: 3.307 ng
RT: 25.403 min Scan# 3794
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



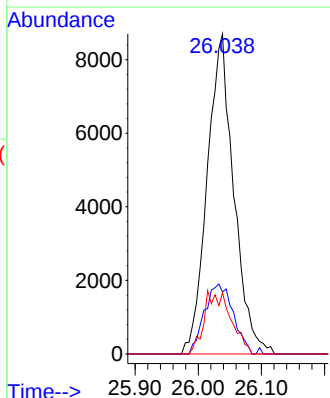
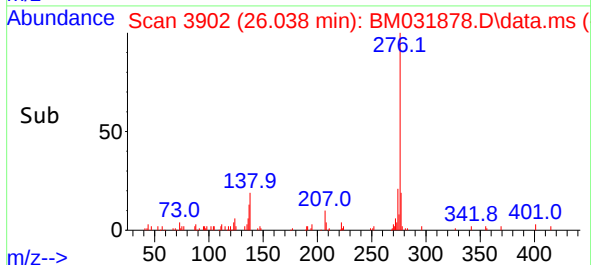
Tgt Ion: 278 Resp: 26585
Ion Ratio Lower Upper
278 100
139 10.7 10.9 16.3#
279 22.7 18.2 27.2



#92
Benzo(g,h,i)perylene
Concen: 3.403 ng
RT: 26.038 min Scan# 3902
Delta R.T. -0.006 min
Lab File: BM031878.D
Acq: 24 Aug 2021 09:52



Tgt Ion: 276 Resp: 25464
Ion Ratio Lower Upper
276 100
277 19.4 19.4 29.0
138 19.1 14.6 22.0



Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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