

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031028.D
 Acq On : 20 Jul 2021 18:23
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 8ppm
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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 7/21/2021 11:26:42 AM

Quant Time: Jul 21 01:39:08 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 20 13:21:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	64547	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	271848	20.000	ng	# 0.00
39) Acenaphthene-d10	14.269	164	202908	20.000	ng	0.00
64) Phenanthrene-d10	17.015	188	478266	20.000	ng	0.00
76) Chrysene-d12	21.203	240	612337	20.000	ng	0.00
86) Perylene-d12	23.380	264	698911	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	454453	126.429	ng	0.00
7) Phenol-d6	6.822	99	655432	125.784	ng	0.00
23) Nitrobenzene-d5	8.787	82	489826	90.469	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	367817	138.818	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1179253	86.715	ng	0.00
79) Terphenyl-d14	19.656	244	2690081	86.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	12978	8.985	ng	# 92
3) Pyridine	3.628	79	27928	6.835	ng	# 84
4) n-Nitrosodimethylamine	3.546	42	18358	7.905	ng	# 79
6) Aniline	6.981	93	47818	8.548	ng	97
8) 2-Chlorophenol	7.204	128	32817	7.756	ng	98
9) Benzaldehyde	6.793	77	30694m	9.886	ng	
10) Phenol	6.846	94	38634	7.653	ng	85
11) bis(2-Chloroethyl)ether	7.081	93	29056	7.775	ng	95
12) 1,3-Dichlorobenzene	7.528	146	36195	7.867	ng	# 93
13) 1,4-Dichlorobenzene	7.675	146	36334	7.760	ng	94
14) 1,2-Dichlorobenzene	7.987	146	35534	7.770	ng	96
15) Benzyl Alcohol	7.881	79	33459	7.628	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.169	45	37218	7.960	ng	97
17) 2-Methylphenol	8.075	107	27226	7.709	ng	92
18) Hexachloroethane	8.704	117	14055	7.777	ng	95
19) n-Nitroso-di-n-propyla...	8.440	70	27197	7.390	ng	99
20) 3+4-Methylphenols	8.398	107	36181	7.244	ng	96
22) Acetophenone	8.451	105	55879	8.303	ng	# 93
24) Nitrobenzene	8.828	77	46094	8.431	ng	97
25) Isophorone	9.351	82	72147	7.452	ng	98
26) 2-Nitrophenol	9.528	139	16886	7.335	ng	# 89
27) 2,4-Dimethylphenol	9.592	122	31745	8.752	ng	94
28) bis(2-Chloroethoxy)met...	9.834	93	41728	8.548	ng	96
29) 2,4-Dichlorophenol	10.057	162	31820	7.417	ng	97
30) 1,2,4-Trichlorobenzene	10.269	180	36730	7.797	ng	94
31) Naphthalene	10.451	128	110689	7.914	ng	99
32) Benzoic acid	9.663	122	15989	5.174	ng	93
33) 4-Chloroaniline	10.569	127	49082	8.134	ng	96
34) Hexachlorobutadiene	10.739	225	23365	7.724	ng	91
35) Caprolactam	11.345	113	10828	7.508	ng	95
36) 4-Chloro-3-methylphenol	11.692	107	36800	7.516	ng	97
37) 2-Methylnaphthalene	12.069	142	82033	7.609	ng	# 95
38) 1-Methylnaphthalene	12.292	142	78514m	7.648	ng	
40) 1,2,4,5-Tetrachloroben...	12.439	216	43984	7.780	ng	# 96
41) Hexachlorocyclopentadiene	12.422	237	30228	9.612	ng	98
43) 2,4,6-Trichlorophenol	12.686	196	27514	6.928	ng	97

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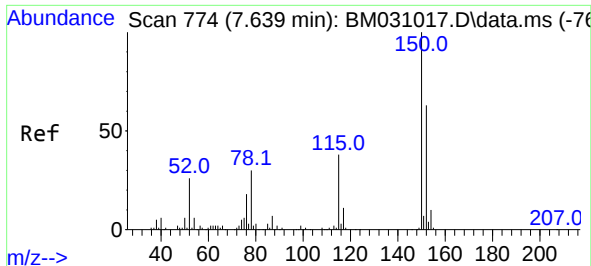
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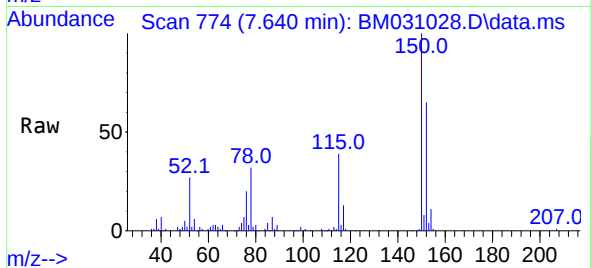
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	32317	7.350	ng	# 94
46) 1,1'-Biphenyl	13.098	154	113332	7.877	ng	97
47) 2-Chloronaphthalene	13.133	162	87108	7.730	ng	# 93
48) 2-Nitroaniline	13.345	65	26405	7.353	ng	94
49) Acenaphthylene	13.986	152	138071	7.665	ng	99
50) Dimethylphthalate	13.733	163	117553	7.724	ng	99
51) 2,6-Dinitrotoluene	13.851	165	24305	7.129	ng	# 77
52) Acenaphthene	14.333	154	84534	7.457	ng	98
53) 3-Nitroaniline	14.180	138	24766	7.191	ng	99
54) 2,4-Dinitrophenol	14.386	184	12539	6.236	ng	93
55) Dibenzofuran	14.669	168	142313	7.655	ng	93
56) 4-Nitrophenol	14.486	139	21933	7.201	ng	# 76
57) 2,4-Dinitrotoluene	14.639	165	33854	7.132	ng	# 83
58) Fluorene	15.321	166	115907	7.391	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.892	232	28931	7.061	ng	# 91
60) Diethylphthalate	15.110	149	127645	7.823	ng	97
61) 4-Chlorophenyl-phenyle...	15.321	204	60354	7.772	ng	# 89
62) 4-Nitroaniline	15.345	138	27409	7.214	ng	# 82
63) Azobenzene	15.616	77	124646	7.675	ng	90
65) 4,6-Dinitro-2-methylph...	15.398	198	18037	6.013	ng	82
66) n-Nitrosodiphenylamine	15.539	169	103740	7.380	ng	98
67) 4-Bromophenyl-phenylether	16.215	248	37269	7.532	ng	90
68) Hexachlorobenzene	16.316	284	42449	7.613	ng	# 90
69) Atrazine	16.492	200	41953	8.129	ng	97
70) Pentachlorophenol	16.663	266	25027	6.865	ng	98
71) Phenanthrene	17.057	178	201569	7.611	ng	99
72) Anthracene	17.145	178	206431	7.904	ng	99
73) Carbazole	17.421	167	192525	7.447	ng	98
74) Di-n-butylphthalate	17.998	149	227895	7.504	ng	# 97
75) Fluoranthene	19.074	202	250509	7.558	ng	99
77) Benzidine	19.268	184	149071	9.861	ng	99
78) Pyrene	19.439	202	269058	7.036	ng	99
80) Butylbenzylphthalate	20.356	149	113879	6.975	ng	97
81) Benzo(a)anthracene	21.186	228	303736	7.485	ng	98
82) 3,3'-Dichlorobenzidine	21.127	252	111879	10.057	ng	100
83) Chrysene	21.239	228	292270	7.413	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	185647	7.339	ng	94
85) Di-n-octyl phthalate	22.003	149	327072	7.551	ng	97
87) Indeno(1,2,3-cd)pyrene	25.544	276	386029	7.729	ng	99
88) Benzo(b)fluoranthene	22.727	252	331817	7.165	ng	99
89) Benzo(k)fluoranthene	22.774	252	320762	7.406	ng	100
90) Benzo(a)pyrene	23.286	252	327421	7.854	ng	99
91) Dibenzo(a,h)anthracene	25.556	278	326109	7.543	ng	98
92) Benzo(g,h,i)perylene	26.203	276	317436	7.706	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

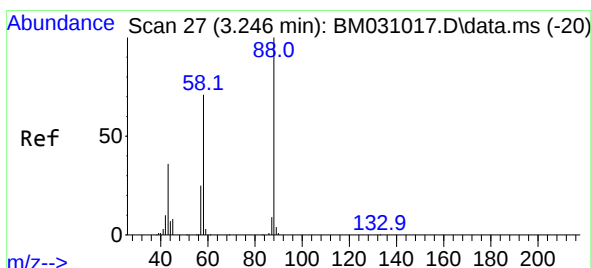
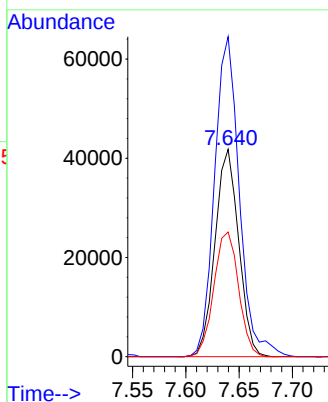
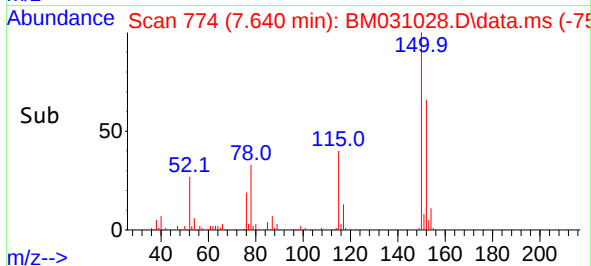
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



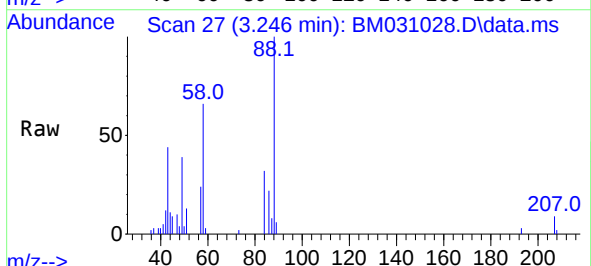
Tgt Ion:152 Resp: 64547
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 60.1 44.6 67.0

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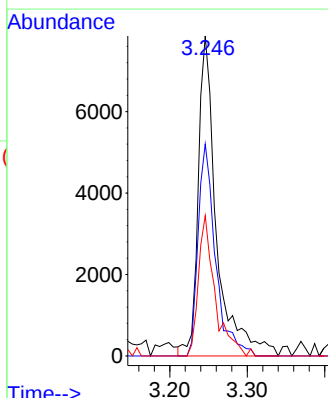
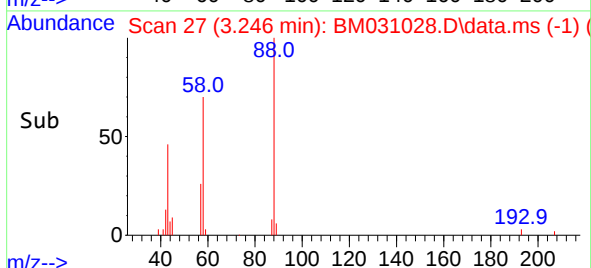
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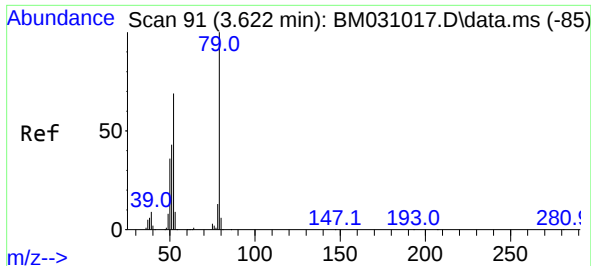


#2
1,4-Dioxane
Concen: 8.985 ng
RT: 3.246 min Scan# 27
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion: 88 Resp: 12978
Ion Ratio Lower Upper
88 100
58 62.6 53.6 80.4
43 39.7 25.8 38.6#





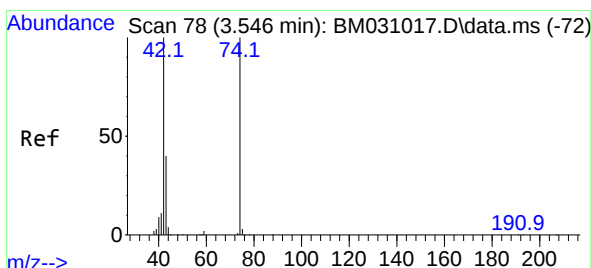
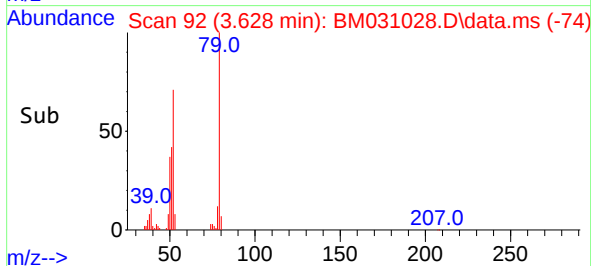
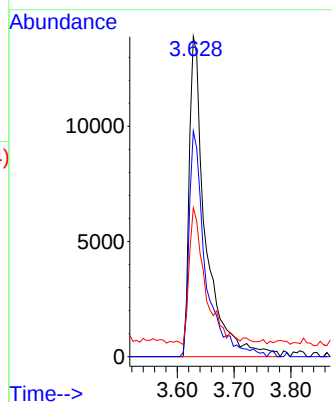
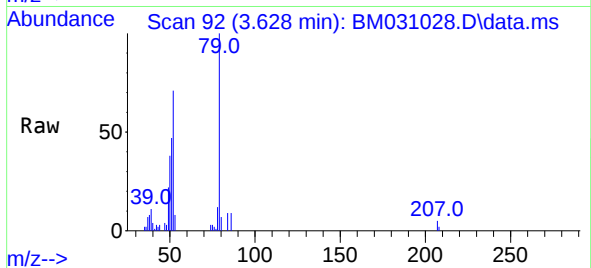
#3
Pyridine
Concen: 6.835 ng
RT: 3.628 min Scan# 92
Delta R.T. 0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 79 Resp: 27928
Ion Ratio Lower Upper
79 100
52 70.5 48.2 72.2
51 46.5 27.9 41.9#

Instrument :
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ClientSampleId :
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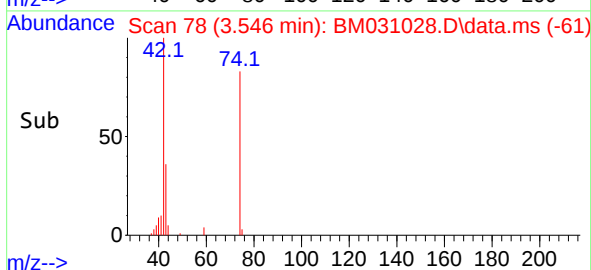
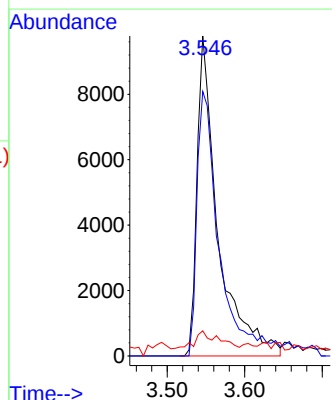
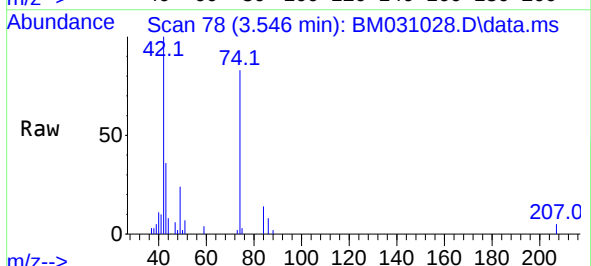
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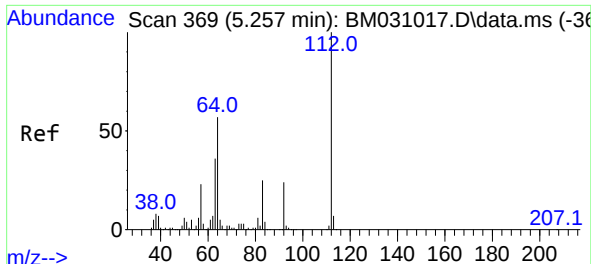
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#4
n-Nitrosodimethylamine
Concen: 7.905 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

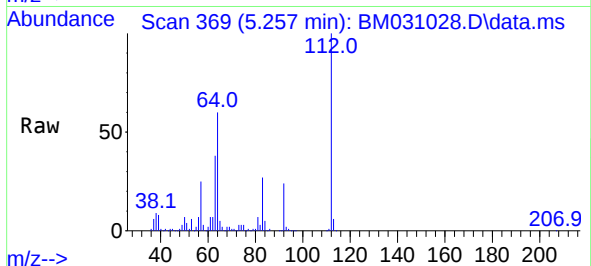
Tgt Ion: 42 Resp: 18358
Ion Ratio Lower Upper
42 100
74 82.7 84.1 126.1#
44 7.8 4.5 6.7#





#5
2-Fluorophenol
Concen: 126.429 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

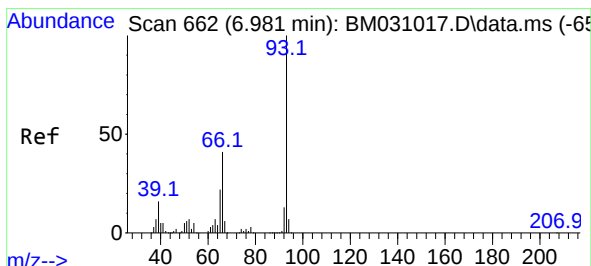
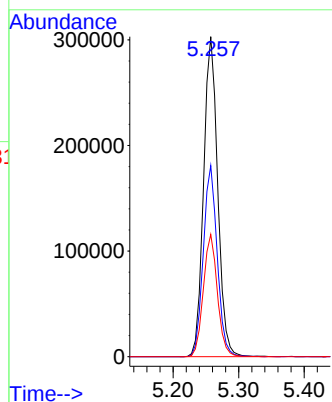
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LOD-MDL-SOIL-01-QT3-2021



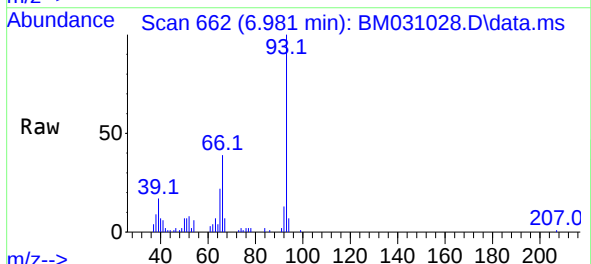
Tgt Ion: 112 Resp: 454453
Ion Ratio Lower Upper
112 100
64 59.7 47.1 70.7
63 38.2 27.3 40.9

Manual Integrations
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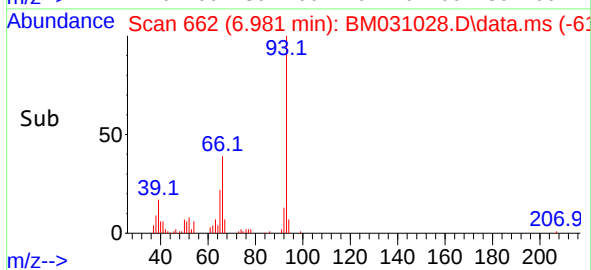
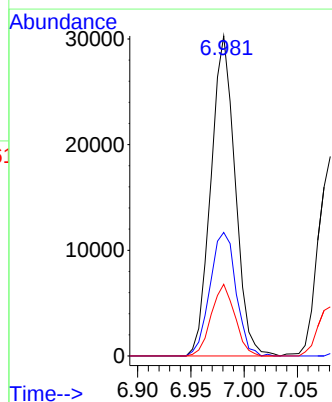
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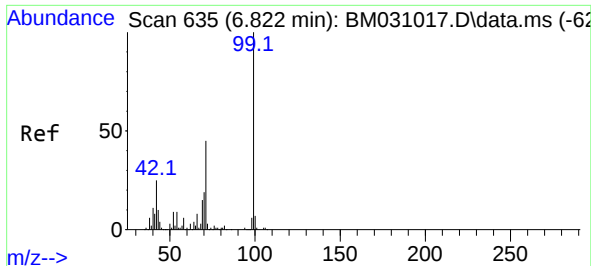


#6
Aniline
Concen: 8.548 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion: 93 Resp: 47818
Ion Ratio Lower Upper
93 100
66 38.6 32.7 49.1
65 22.4 16.8 25.2





#7
Phenol-d6
Concen: 125.784 ng
RT: 6.822 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

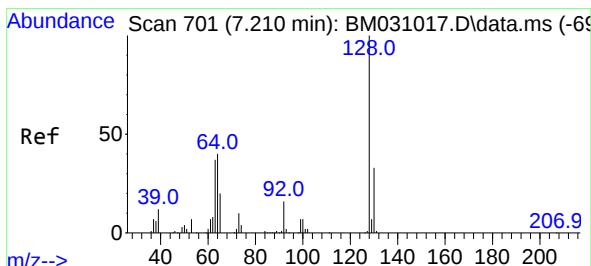
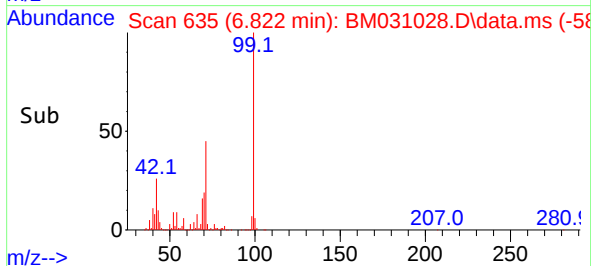
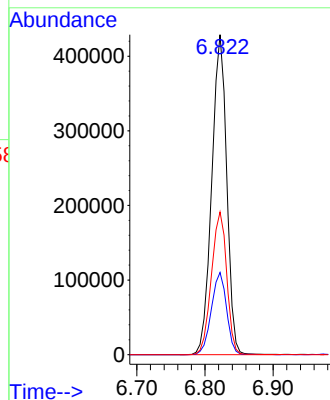
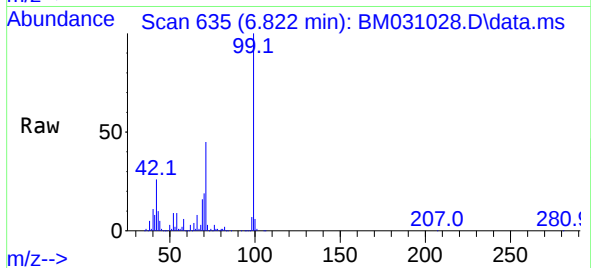
Tgt Ion: 99 Resp: 655432

Ion	Ratio	Lower	Upper
99	100		
42	25.7	18.0	27.0
71	44.6	30.9	46.3

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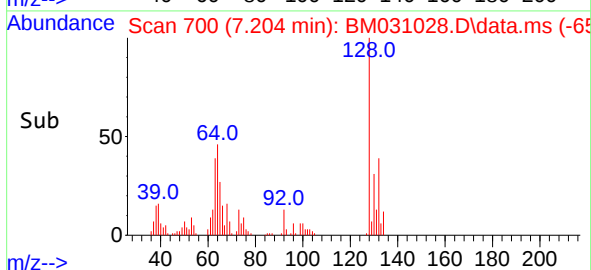
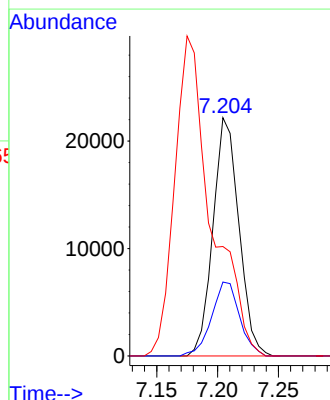
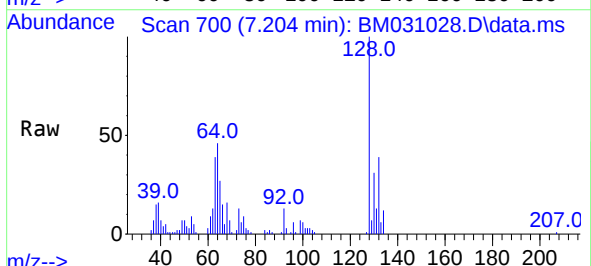
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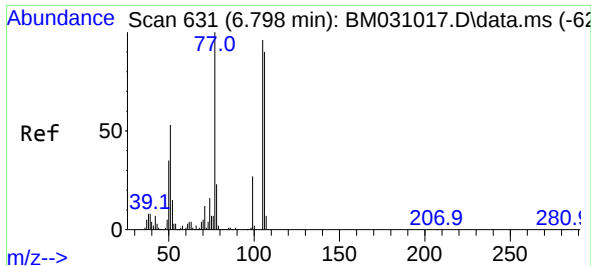


#8
2-Chlorophenol
Concen: 7.756 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion: 128 Resp: 32817

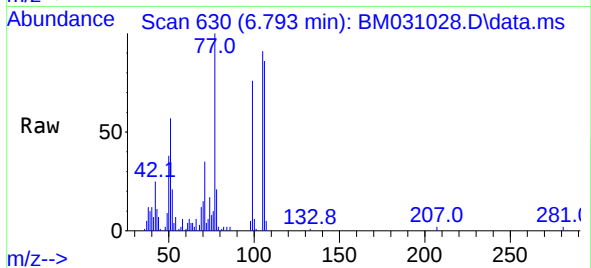
Ion	Ratio	Lower	Upper
128	100		
130	31.1	13.5	53.5
64	45.9	25.7	65.7





#9
Benzaldehyde
Concen: 9.886 ng m
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

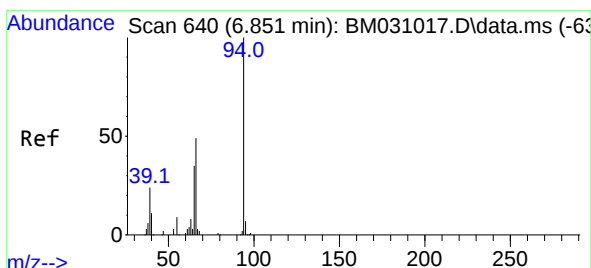
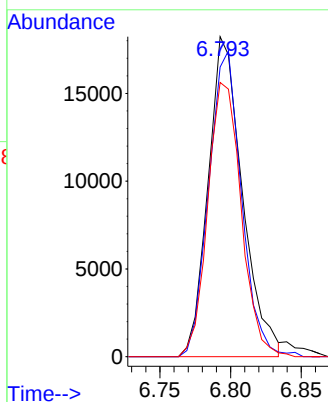
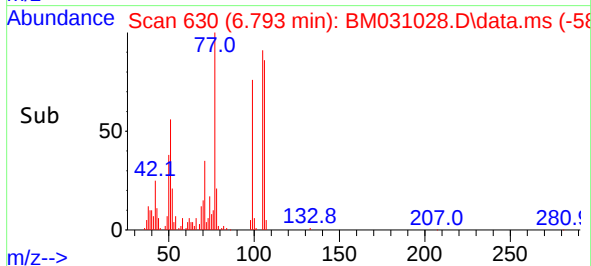
Instrument :
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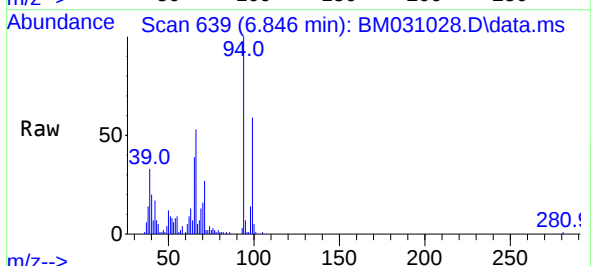
Tgt Ion: 77 Resp: 30694
Ion Ratio Lower Upper
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106 85.7 68.6 108.6

Manual Integrations
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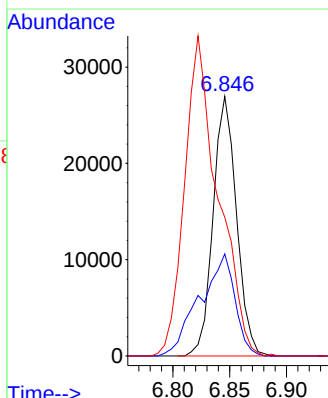
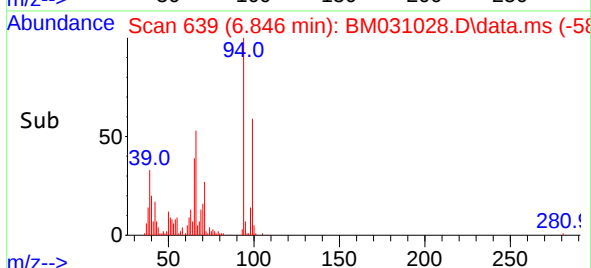
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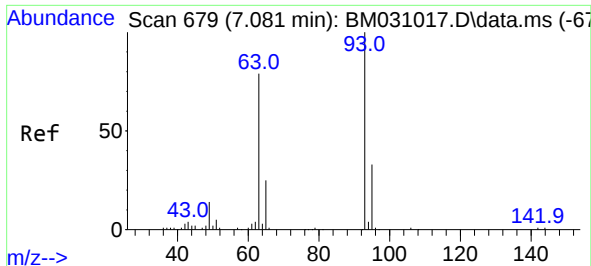


#10
Phenol
Concen: 7.653 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



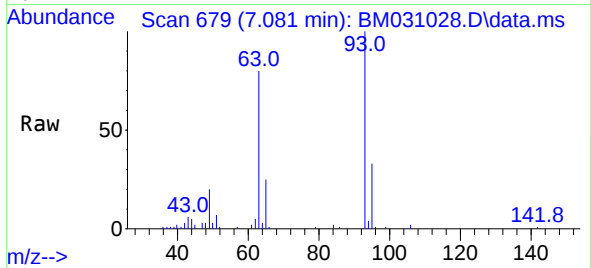
Tgt Ion: 94 Resp: 38634
Ion Ratio Lower Upper
94 100
65 39.3 11.9 51.9
66 53.5 22.6 62.6





#11
bis(2-Chloroethyl)ether
Concen: 7.775 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

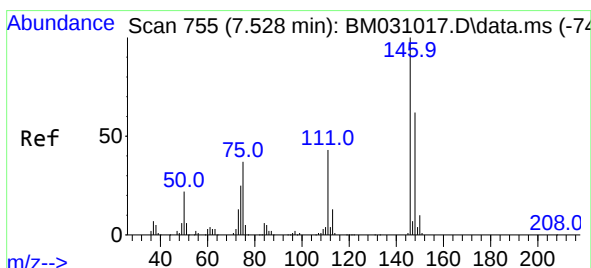
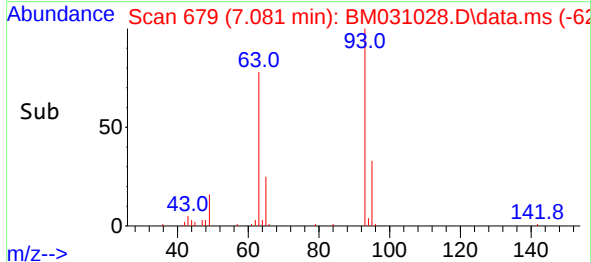
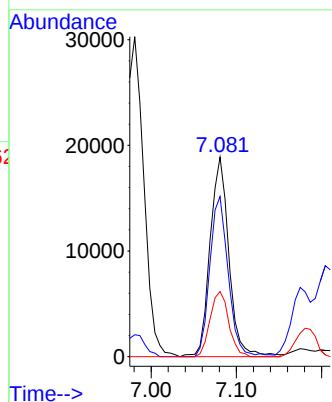
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



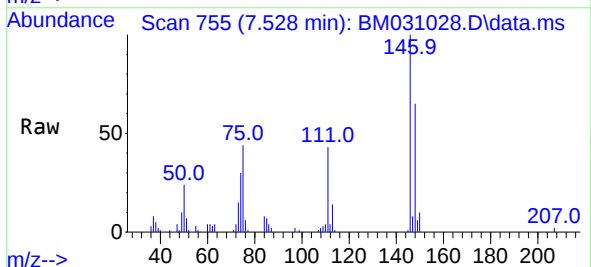
Tgt Ion: 93 Resp: 29056
Ion Ratio Lower Upper
93 100
63 80.3 54.3 94.3
95 32.7 12.7 52.7

Manual Integrations
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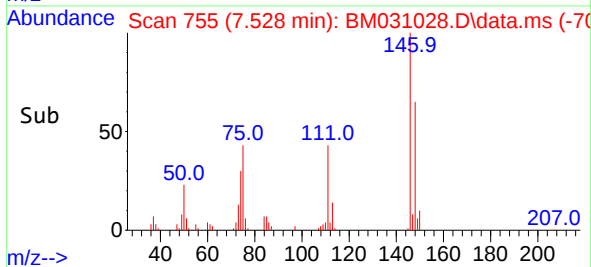
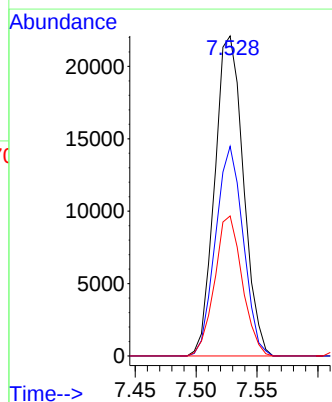
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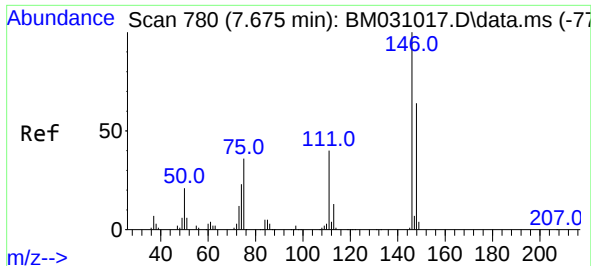


#12
1,3-Dichlorobenzene
Concen: 7.867 ng
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



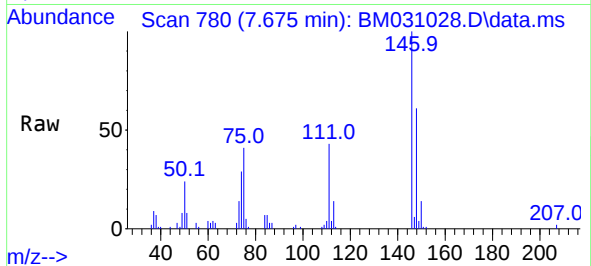
Tgt Ion: 146 Resp: 36195
Ion Ratio Lower Upper
146 100
148 65.5 52.2 78.4
75 43.8 25.8 38.8#





#13
1,4-Dichlorobenzene
Concen: 7.760 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

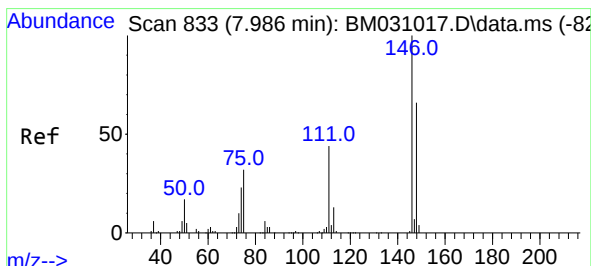
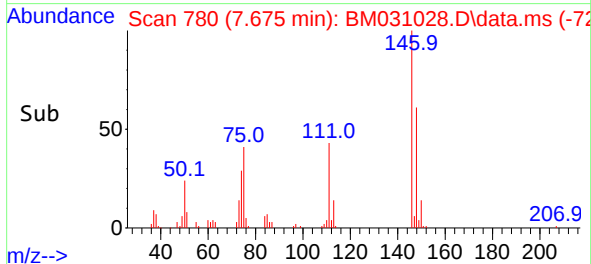
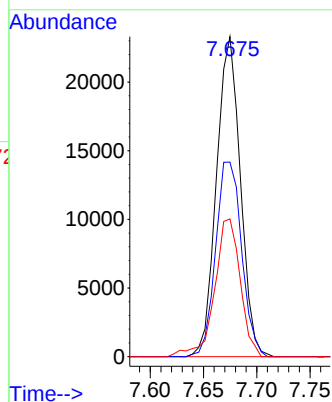
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



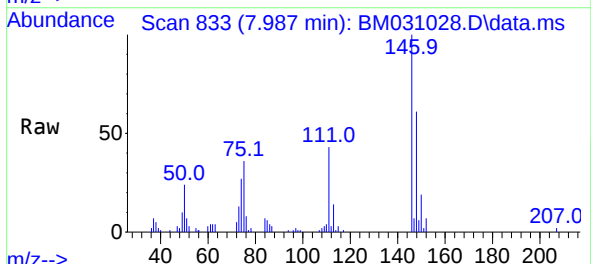
Tgt Ion:146 Resp: 36334
Ion Ratio Lower Upper
146 100
148 60.8 51.8 77.8
111 43.0 31.0 46.6

Manual Integrations
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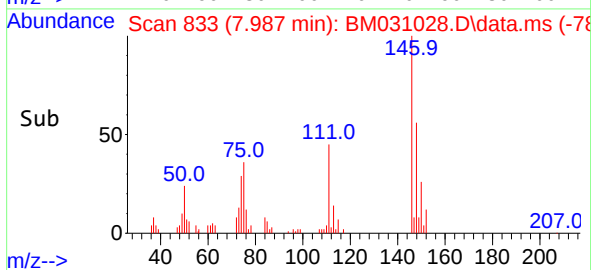
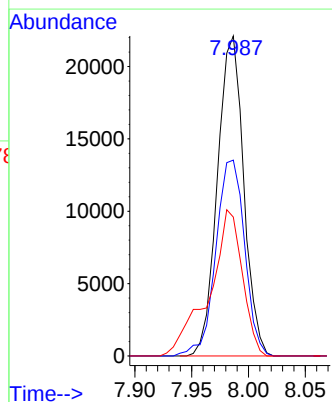
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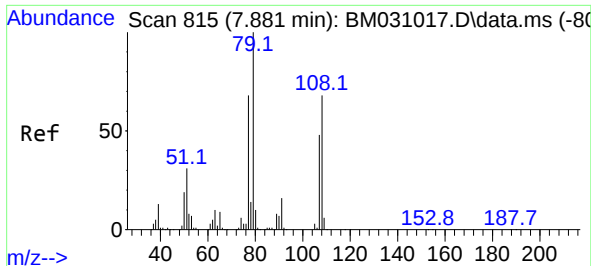


#14
1,2-Dichlorobenzene
Concen: 7.770 ng
RT: 7.987 min Scan# 833
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



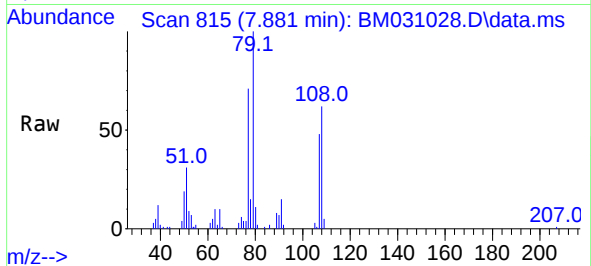
Tgt Ion:146 Resp: 35534
Ion Ratio Lower Upper
146 100
148 61.2 51.7 77.5
111 43.4 32.6 49.0





#15
Benzyl Alcohol
Concen: 7.628 ng
RT: 7.881 min Scan# 815
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

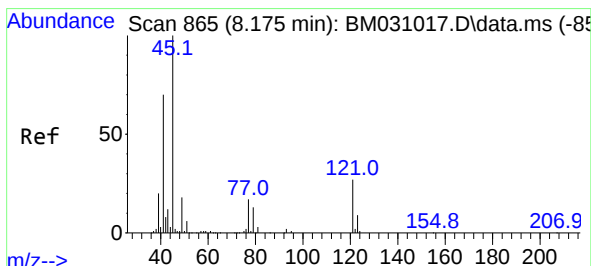
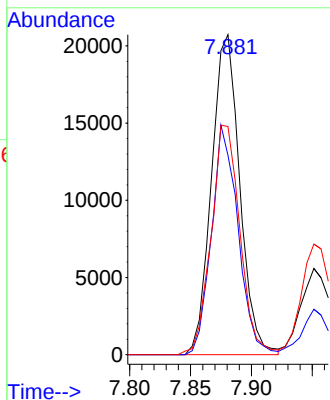
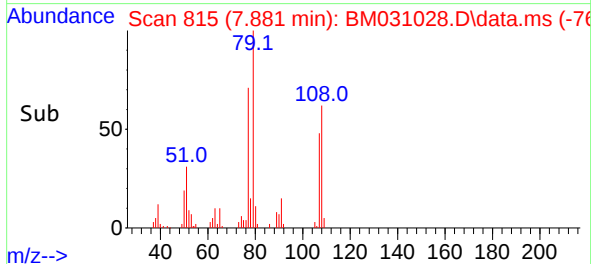
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



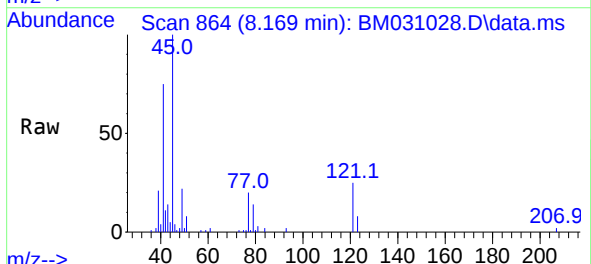
Tgt Ion: 79 Resp: 33459
Ion Ratio Lower Upper
79 100
108 62.3 57.0 85.4
77 71.3 54.6 81.8

Manual Integrations
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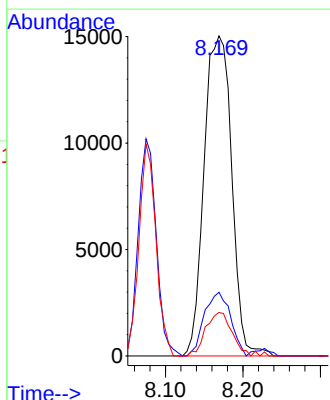
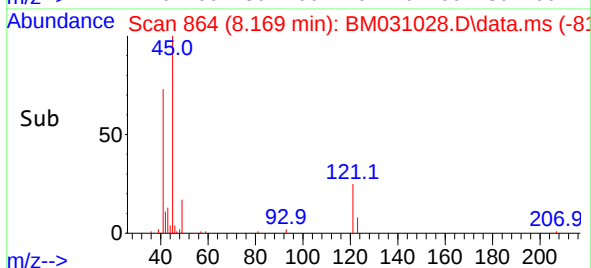
mohammad
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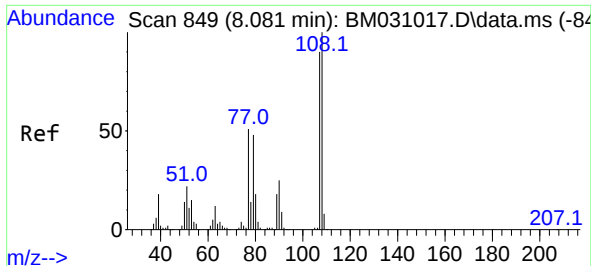


#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.960 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



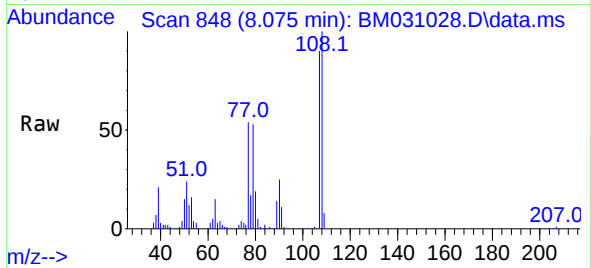
Tgt Ion: 45 Resp: 37218
Ion Ratio Lower Upper
45 100
77 19.9 0.0 38.0
79 13.6 0.0 34.1





#17
2-Methylphenol
Concen: 7.709 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

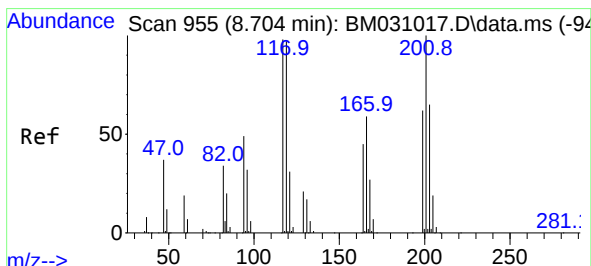
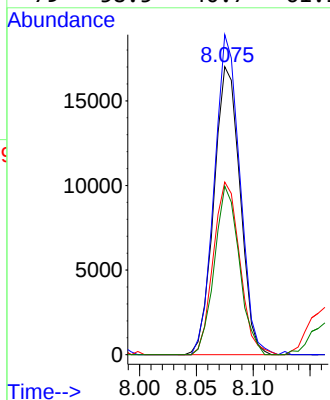
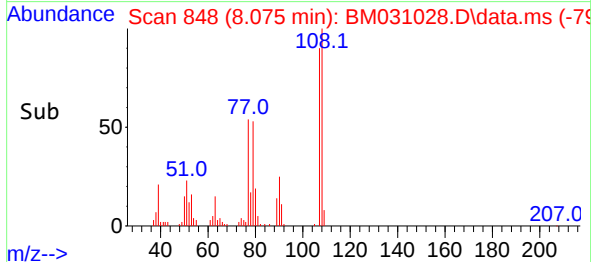
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



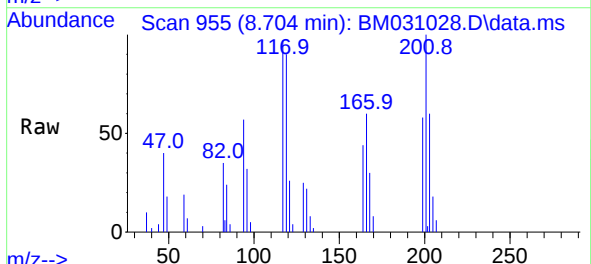
Tgt Ion:	107	Resp:	27226
Ion	Ratio	Lower	Upper
107	100		
108	111.1	85.0	127.6
77	59.9	41.3	61.9
79	58.5	40.7	61.1

Manual Integrations
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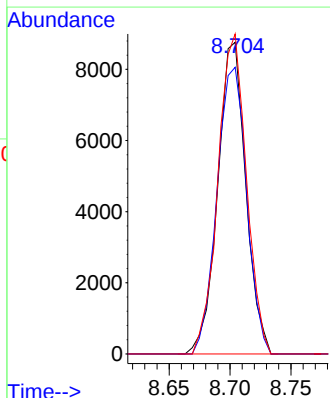
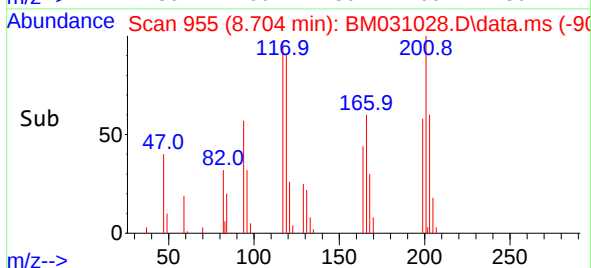
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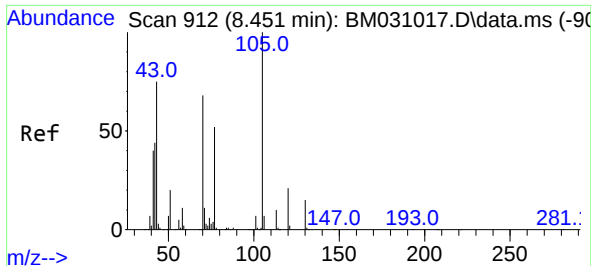


#18
Hexachloroethane
Concen: 7.777 ng
RT: 8.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion:	117	Resp:	14055
Ion	Ratio	Lower	Upper
117	100		
119	92.0	76.2	114.2
201	105.3	89.8	134.6





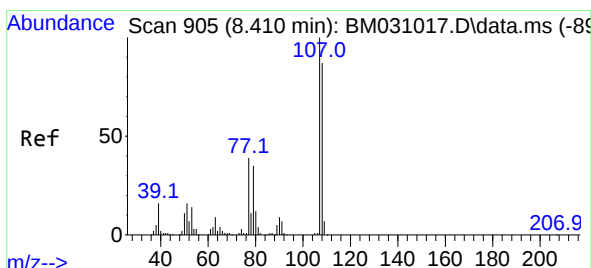
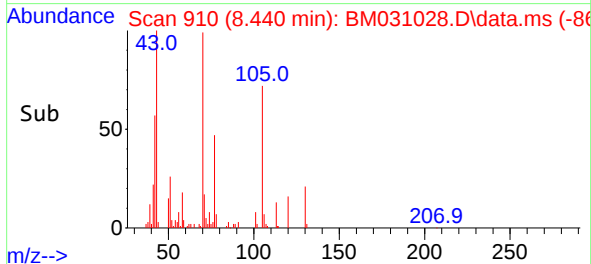
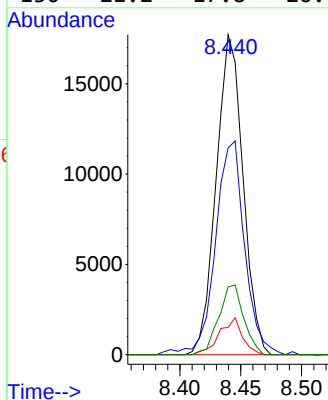
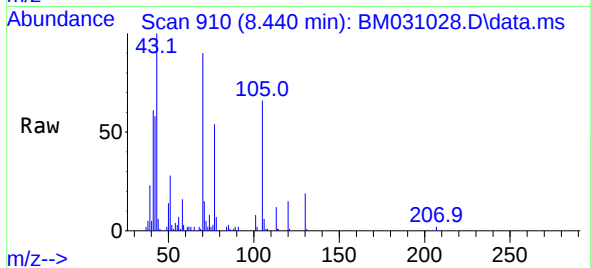
#19
n-Nitroso-di-n-propylamine
Concen: 7.390 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	70	Resp:	27197
Ion	Ratio	Lower	Upper
70	100		
42	64.6	51.4	77.0
101	8.5	8.1	12.1
130	21.2	17.8	26.6

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

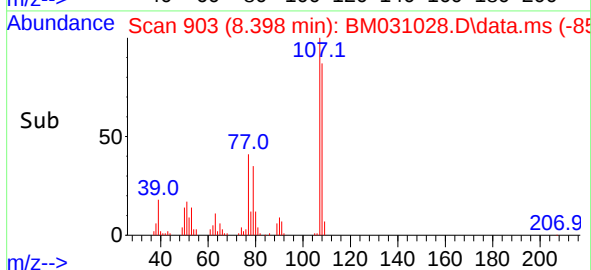
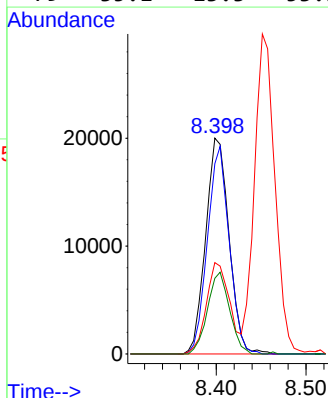
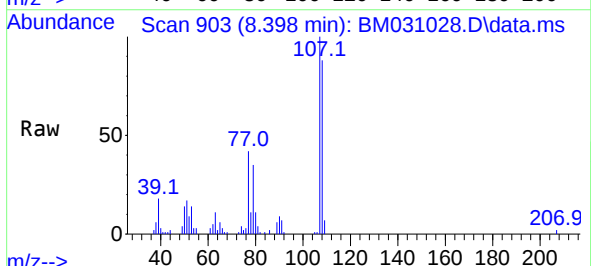
Manual Integrations
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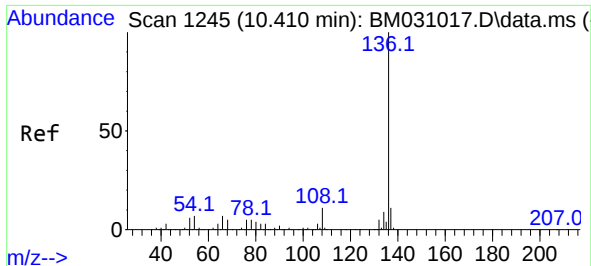
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#20
3+4-Methylphenols
Concen: 7.244 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

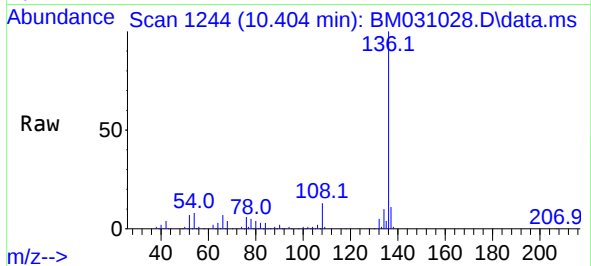
Tgt Ion:	107	Resp:	36181
Ion	Ratio	Lower	Upper
107	100		
108	88.1	69.9	109.9
77	42.3	17.3	57.3
79	35.1	13.3	53.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

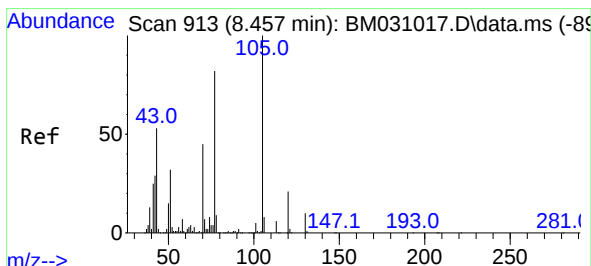
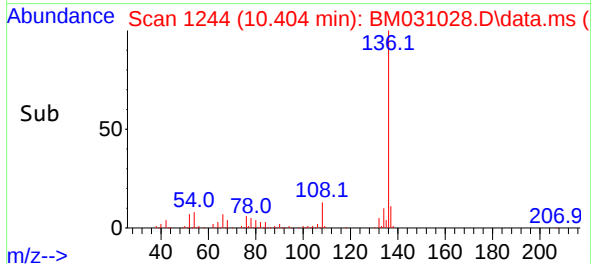
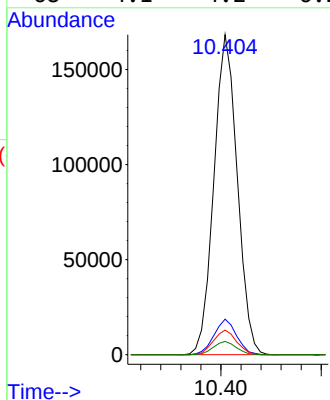
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:136 Resp: 271848
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.7 5.5 8.3
68 4.1 4.2 6.2#

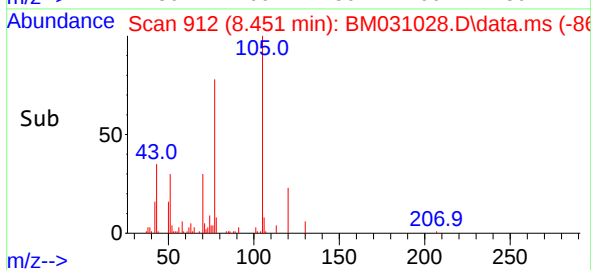
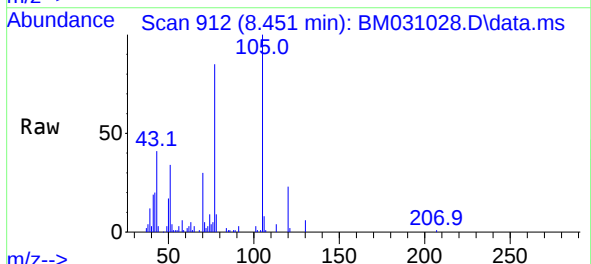
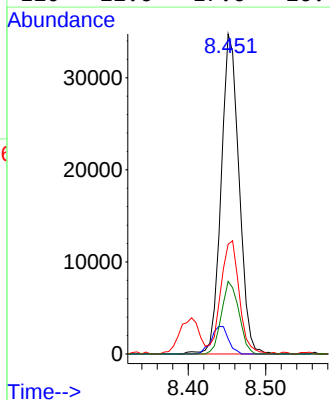
Manual Integrations
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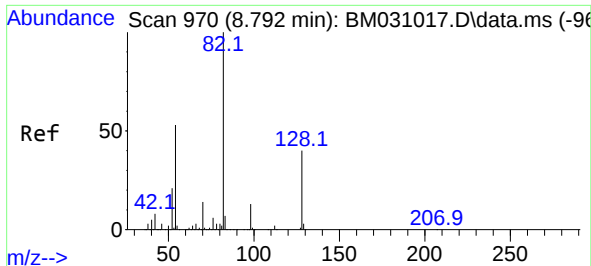
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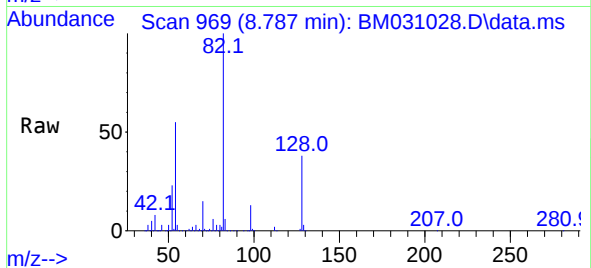
#22
Acetophenone
Concen: 8.303 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:105 Resp: 55879
Ion Ratio Lower Upper
105 100
71 4.7 3.4 5.0
51 34.3 22.2 33.4#
120 22.6 17.6 26.4

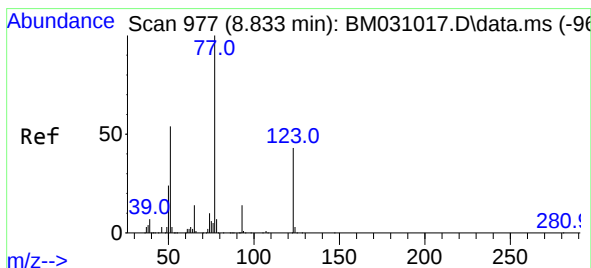
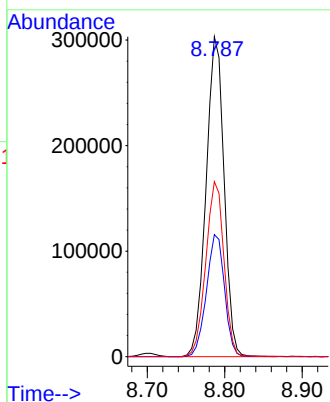
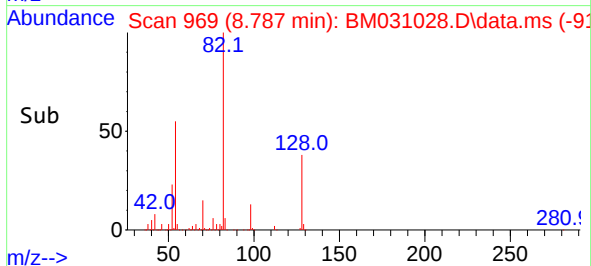




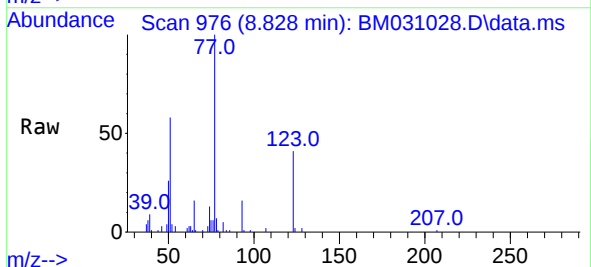
#23
Nitrobenzene-d5
Concen: 90.469 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



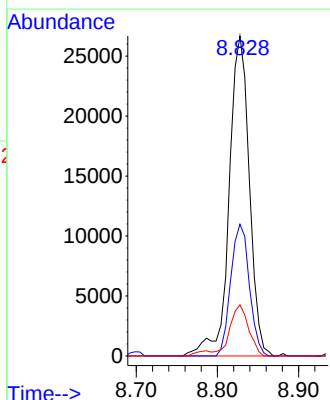
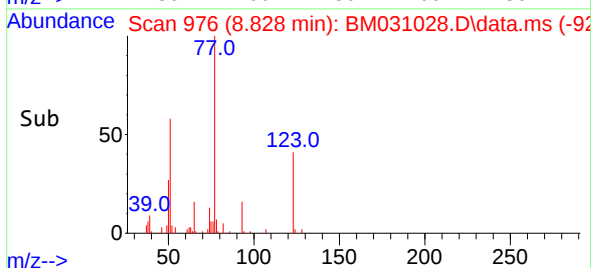
Tgt Ion: 82 Resp: 489826
Ion Ratio Lower Upper
82 100
128 38.1 31.1 46.7
54 54.7 37.3 55.9



#24
Nitrobenzene
Concen: 8.431 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



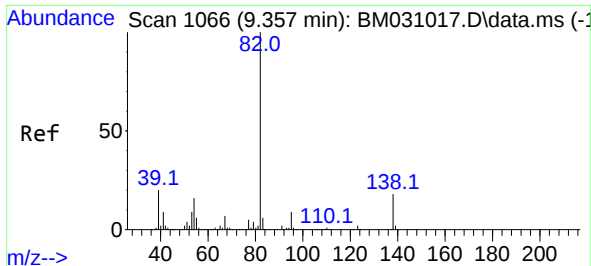
Tgt Ion: 77 Resp: 46094
Ion Ratio Lower Upper
77 100
123 41.2 34.0 51.0
65 16.0 11.0 16.4



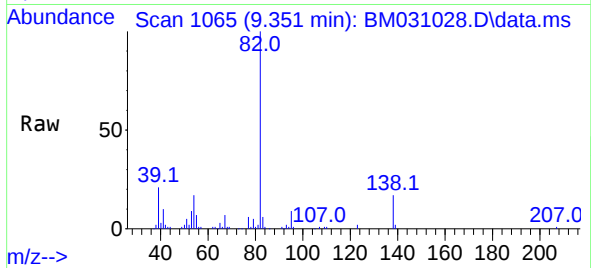
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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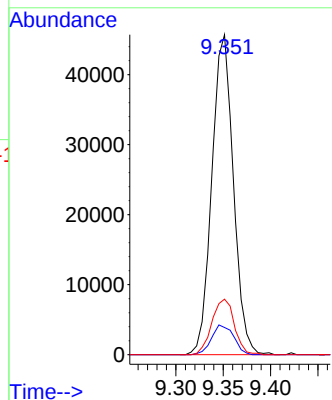
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#25
Isophorone
Concen: 7.452 ng
RT: 9.351 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



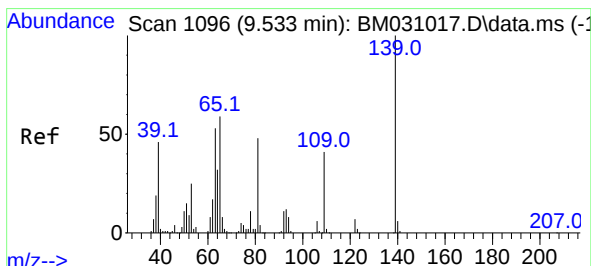
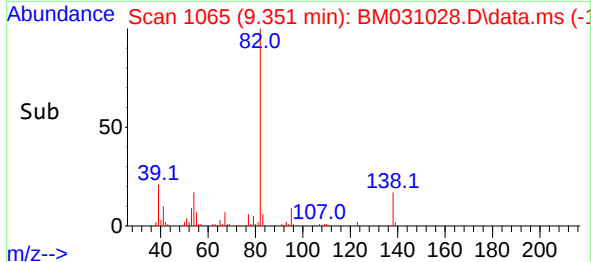
Tgt Ion: 82 Resp: 72147
Ion Ratio Lower Upper
82 100
95 8.5 6.3 9.5
138 17.3 14.5 21.7



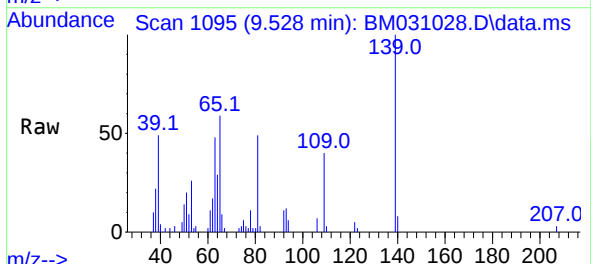
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
APPROVED

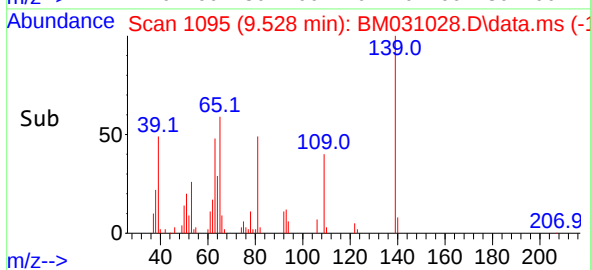
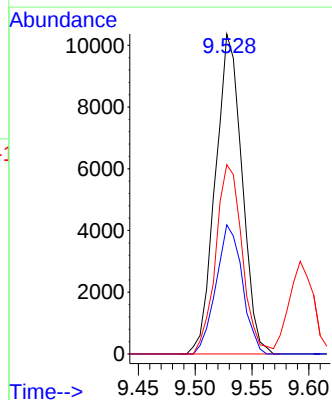
mohammad
7/21/2021 11:26:42 AM

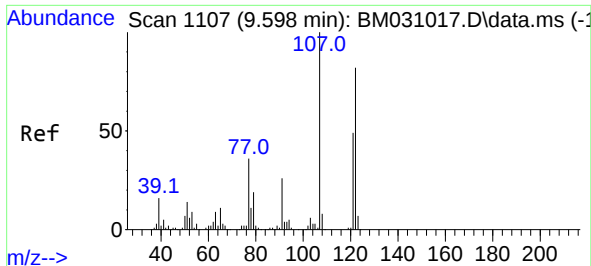


#26
2-Nitrophenol
Concen: 7.335 ng
RT: 9.528 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

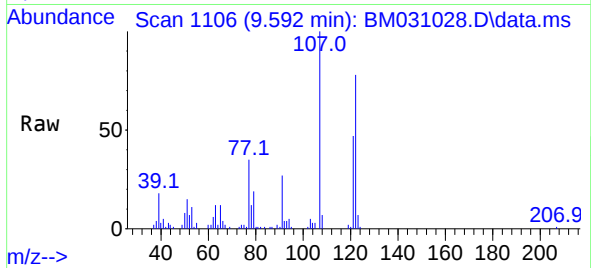


Tgt Ion: 139 Resp: 16886
Ion Ratio Lower Upper
139 100
109 40.3 26.7 40.1#
65 59.2 41.9 62.9

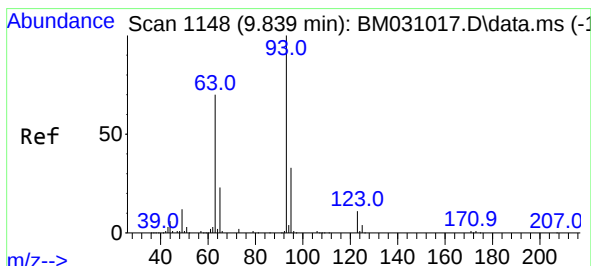
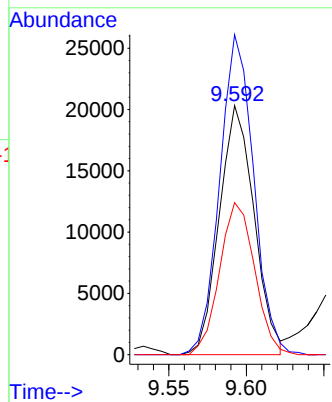
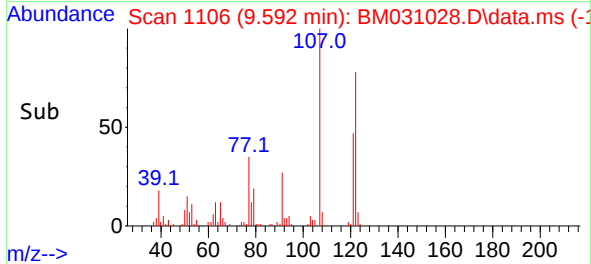




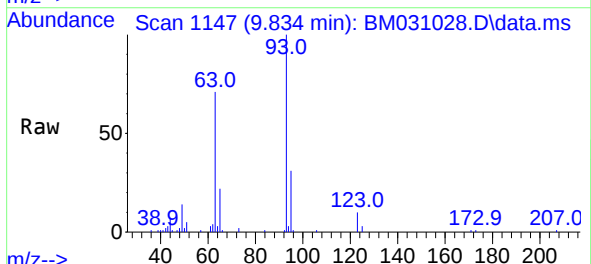
#27
2,4-Dimethylphenol
Concen: 8.752 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031028.D
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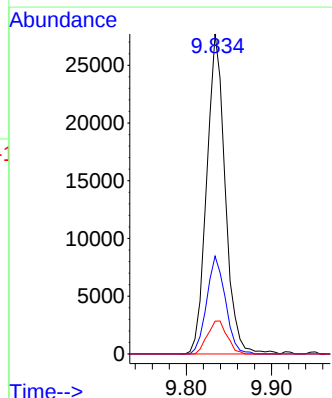
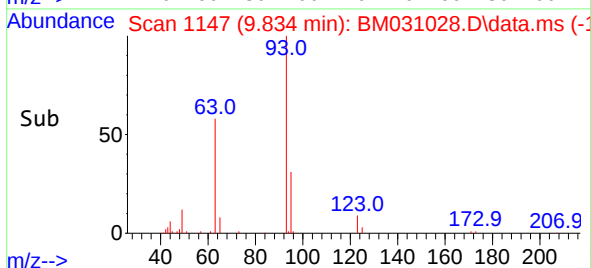
Tgt Ion:122 Resp: 31745
Ion Ratio Lower Upper
122 100
107 128.4 95.0 142.6
121 61.0 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 8.548 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



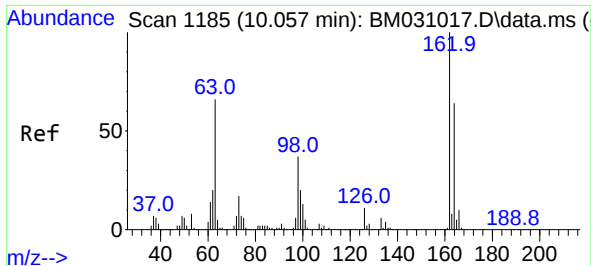
Tgt Ion: 93 Resp: 41728
Ion Ratio Lower Upper
93 100
95 30.6 26.2 39.2
123 10.3 9.3 13.9



Instrument :
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ClientSampleId :
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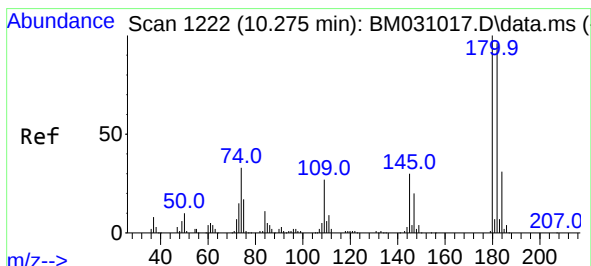
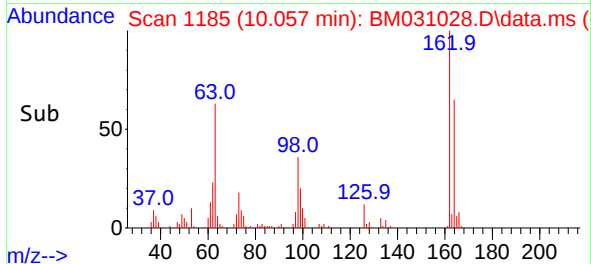
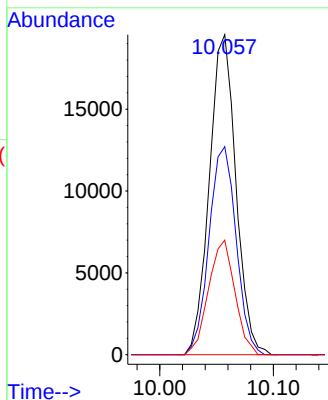
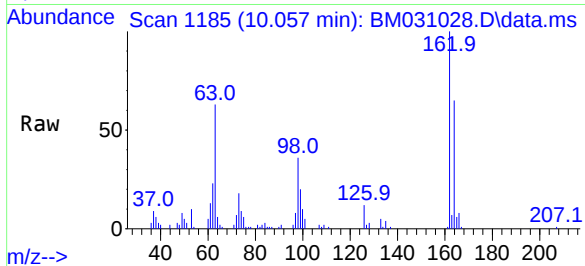
#29
2,4-Dichlorophenol
Concen: 7.417 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	162	Resp:	31820
Ion Ratio	Lower	Upper	
162	100		
164	65.0	46.5	86.5
98	35.8	12.1	52.1

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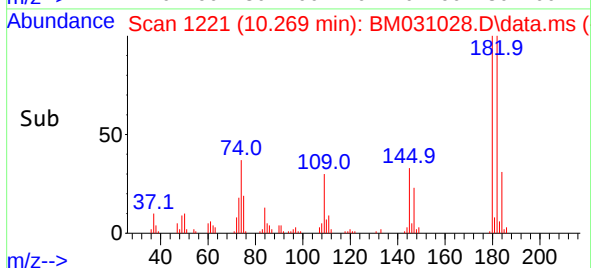
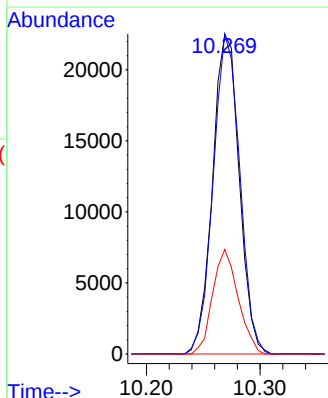
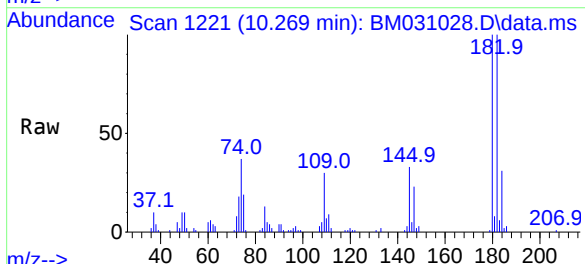
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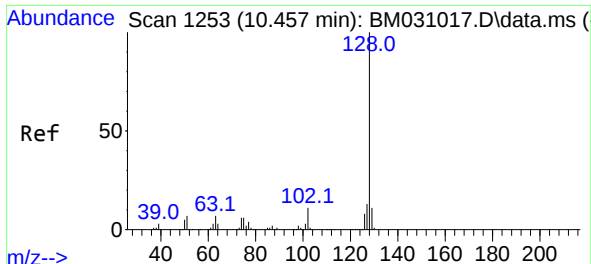
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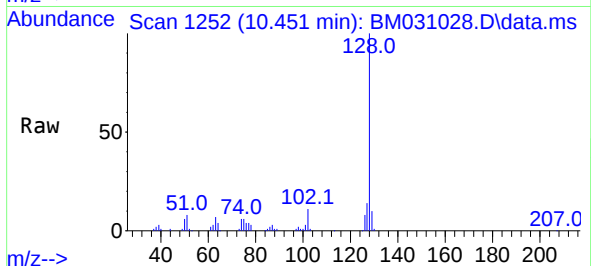
#30
1,2,4-Trichlorobenzene
Concen: 7.797 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031028.D
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Tgt Ion:	180	Resp:	36730
Ion Ratio	Lower	Upper	
180	100		
182	100.1	76.3	114.5
145	32.7	22.3	33.5

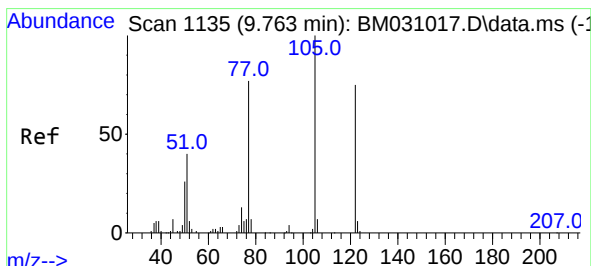
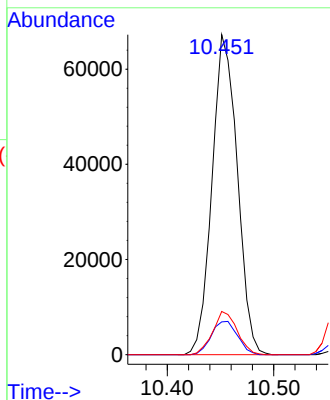
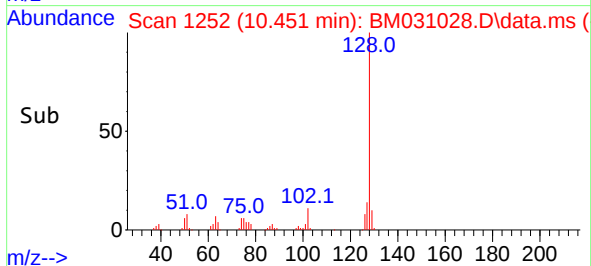




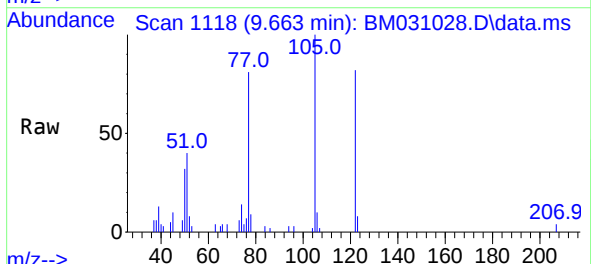
#31
Naphthalene
Concen: 7.914 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



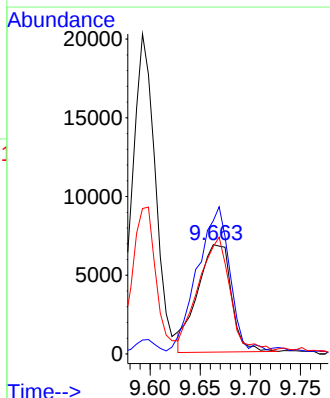
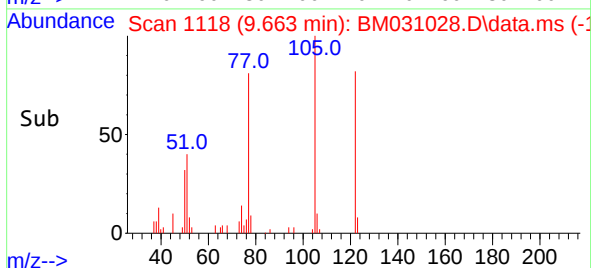
Tgt Ion:128 Resp: 110689
Ion Ratio Lower Upper
128 100
129 10.3 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 5.174 ng
RT: 9.663 min Scan# 1118
Delta R.T. -0.100 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



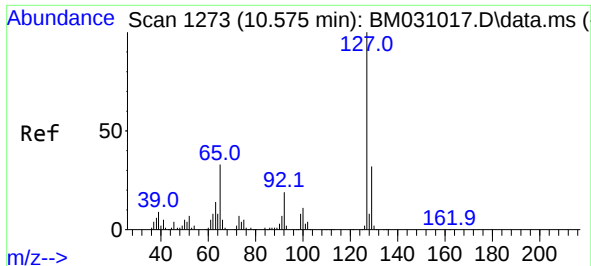
Tgt Ion:122 Resp: 15989
Ion Ratio Lower Upper
122 100
105 121.9 107.3 147.3
77 98.3 88.0 128.0



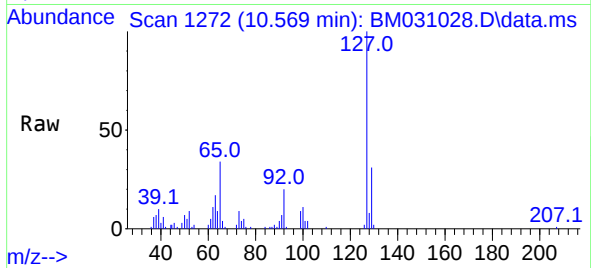
Instrument :
BNA_M
ClientSampleId :
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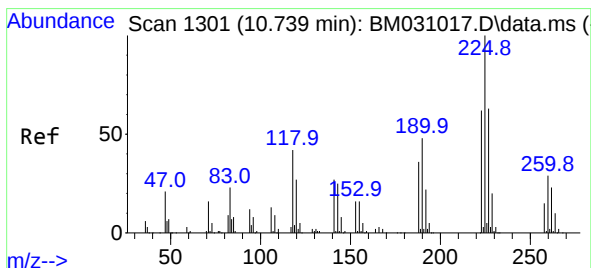
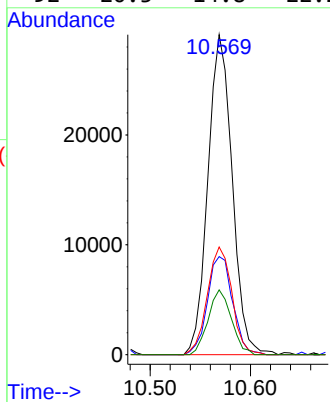
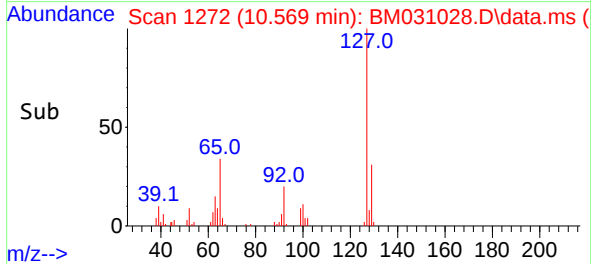
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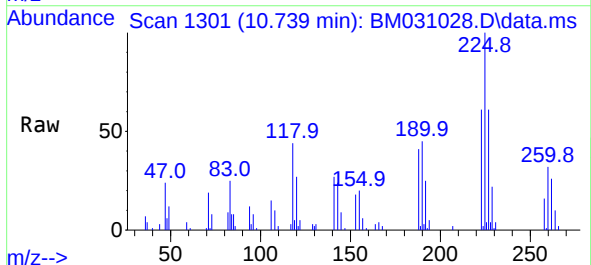
#33
4-Chloroaniline
Concen: 8.134 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



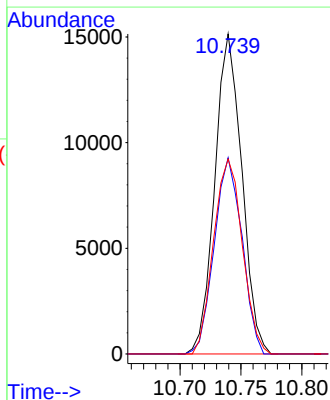
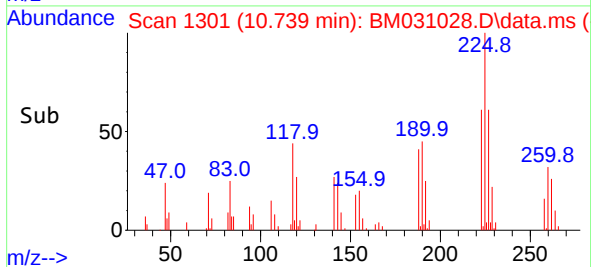
Tgt Ion:127 Resp: 49082
Ion Ratio Lower Upper
127 100
129 30.6 26.8 40.2
65 33.6 25.2 37.8
92 20.3 14.8 22.2



#34
Hexachlorobutadiene
Concen: 7.724 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



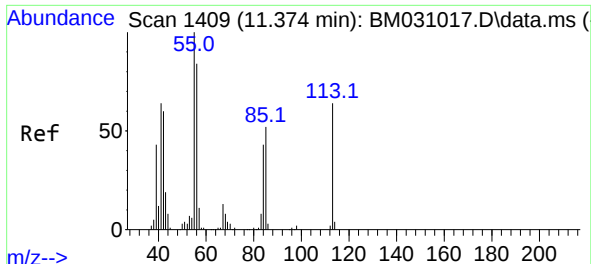
Tgt Ion:225 Resp: 23365
Ion Ratio Lower Upper
225 100
223 59.1 52.1 78.1
227 58.7 53.8 80.6



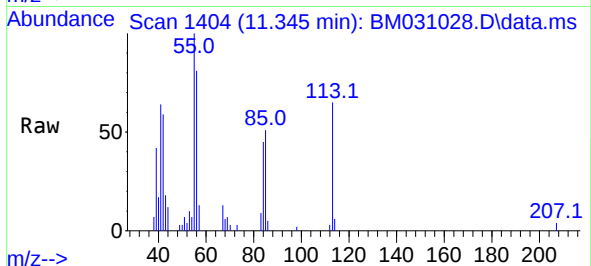
Instrument :
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ClientSampleId :
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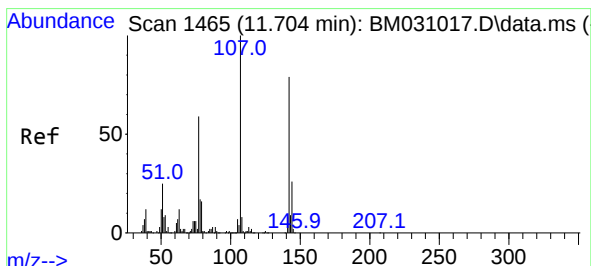
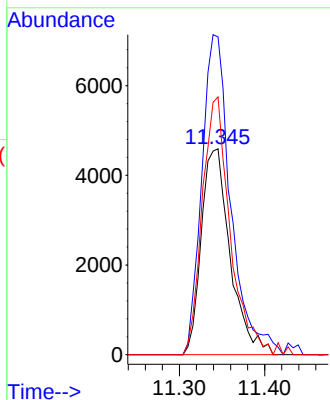
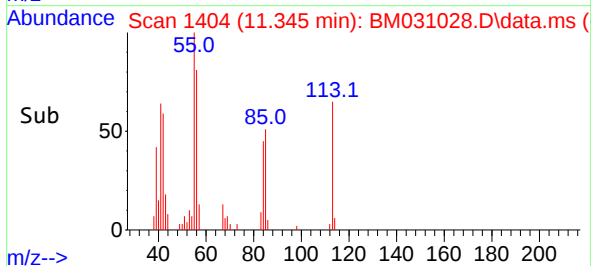
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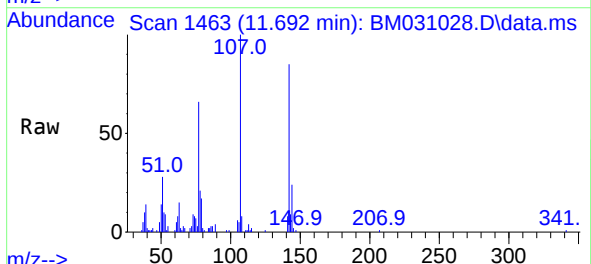
#35
Caprolactam
Concen: 7.508 ng
RT: 11.345 min Scan# 1404
Delta R.T. -0.029 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



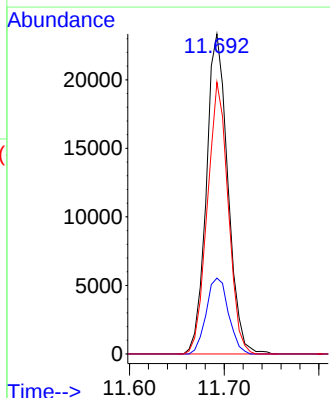
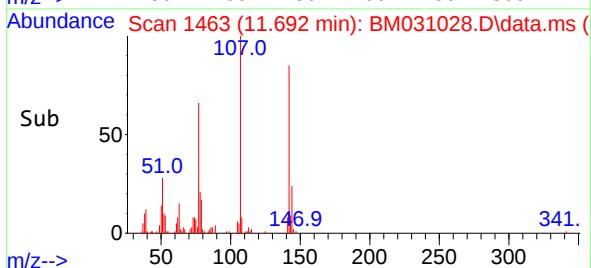
Tgt Ion:113 Resp: 10828
Ion Ratio Lower Upper
113 100
55 154.3 132.0 172.0
56 125.2 96.3 136.3



#36
4-Chloro-3-methylphenol
Concen: 7.516 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



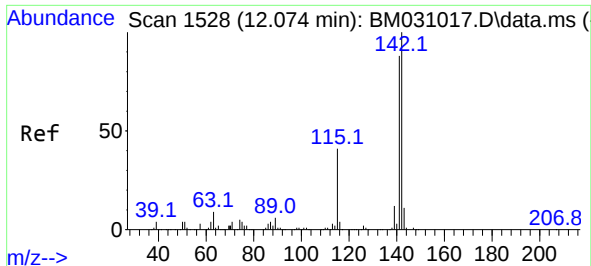
Tgt Ion:107 Resp: 36800
Ion Ratio Lower Upper
107 100
144 23.7 22.3 33.5
142 84.9 69.3 103.9



Instrument :
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ClientSampleId :
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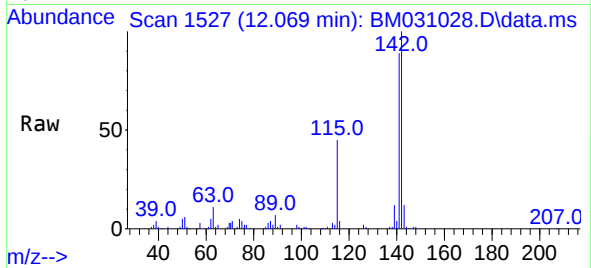
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#37
2-Methylnaphthalene
Concen: 7.609 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

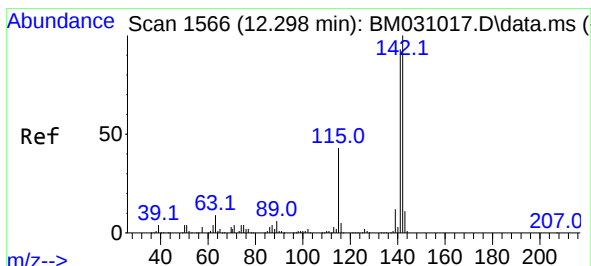
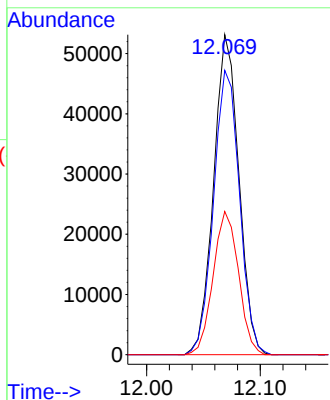
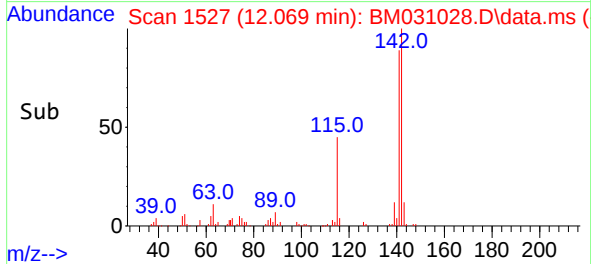
Instrument :
BNA_M
ClientSampleId :
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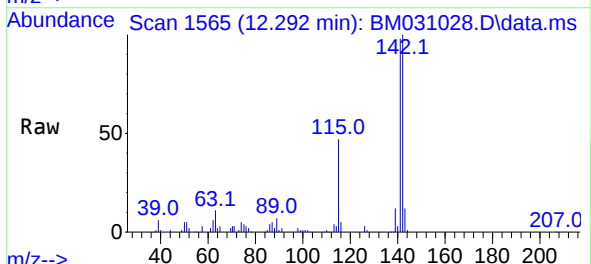
Tgt Ion:142 Resp: 82033
Ion Ratio Lower Upper
142 100
141 88.9 71.7 107.5
115 44.8 29.1 43.7#

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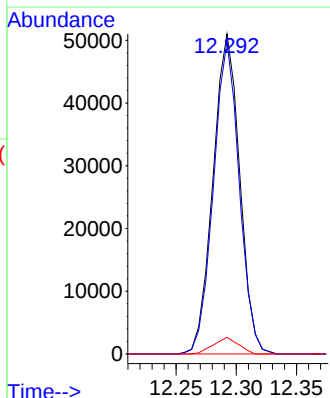
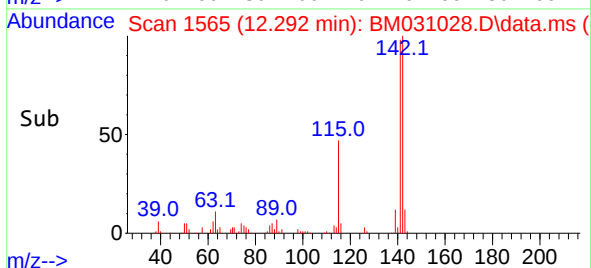
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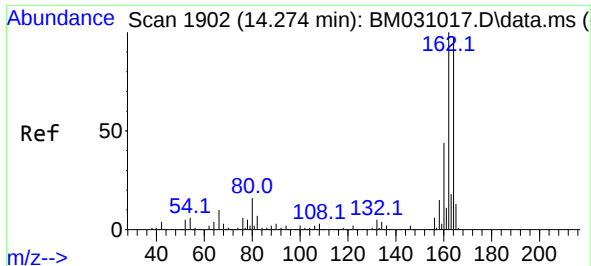


#38
1-Methylnaphthalene
Concen: 7.648 ng m
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



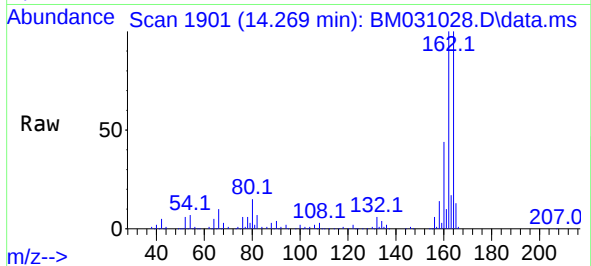
Tgt Ion:142 Resp: 78514
Ion Ratio Lower Upper
142 100
141 97.6 74.2 111.4
116 5.2 3.0 4.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

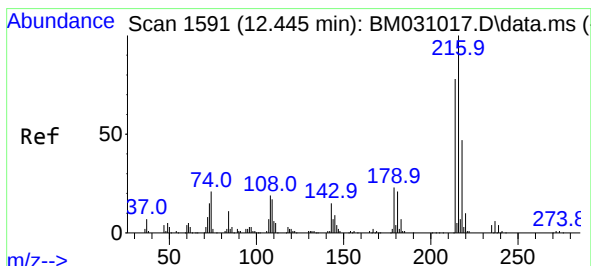
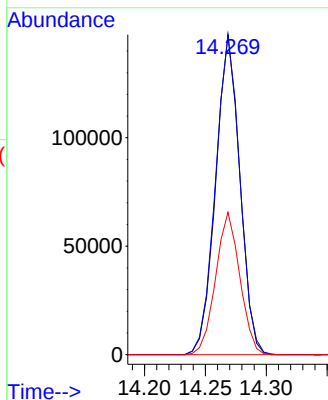
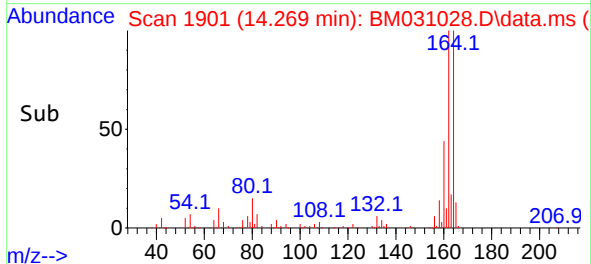
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



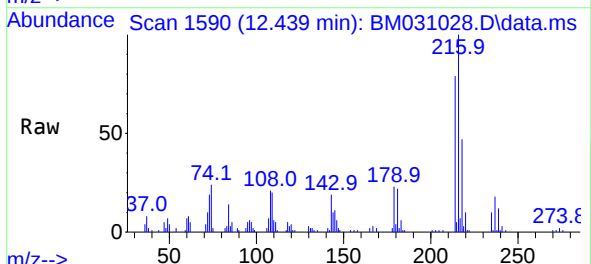
Tgt Ion:164 Resp: 202908
Ion Ratio Lower Upper
164 100
162 99.7 83.4 125.0
160 44.5 37.2 55.8

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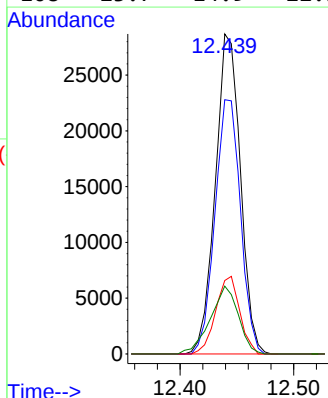
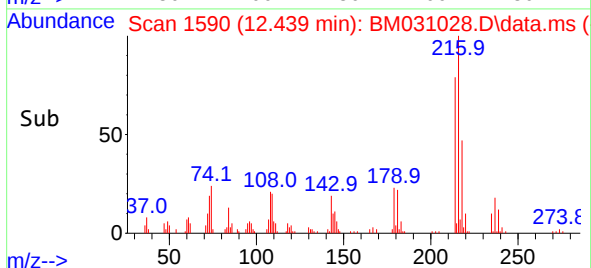
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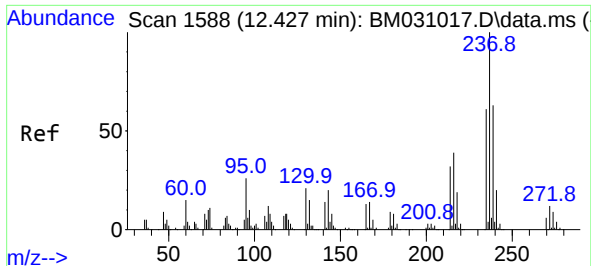


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.780 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031028.D
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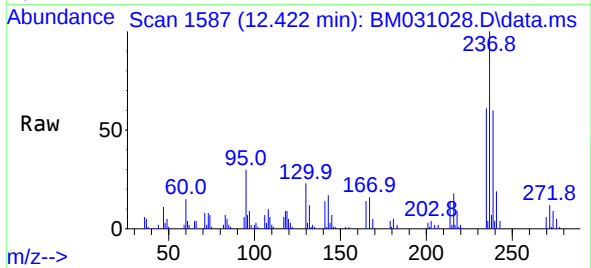


Tgt Ion:216 Resp: 43984
Ion Ratio Lower Upper
216 100
214 80.8 63.0 94.4
179 23.2 17.6 26.4
108 23.7 14.9 22.3#

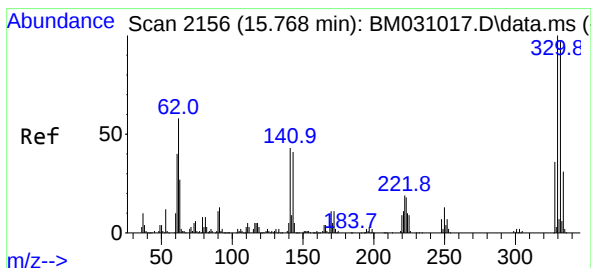
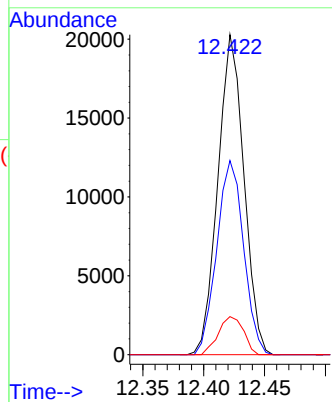
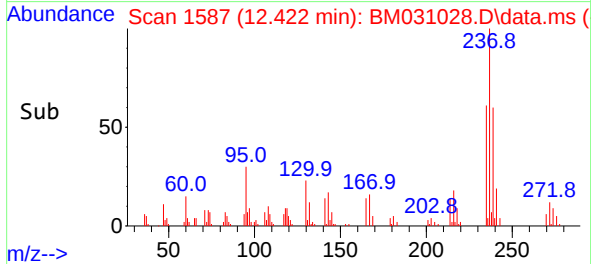




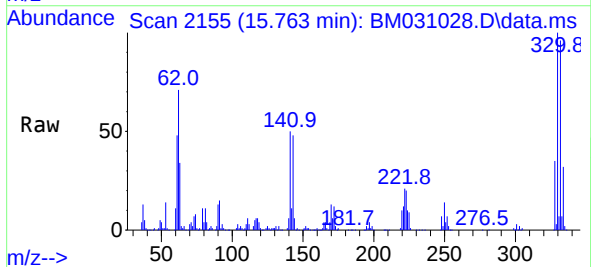
#41
Hexachlorocyclopentadiene
Concen: 9.612 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



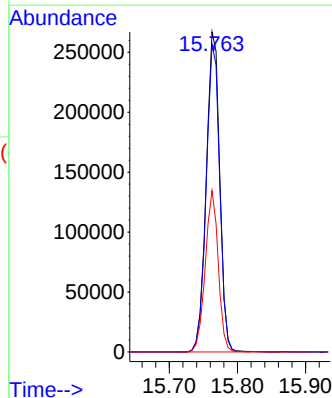
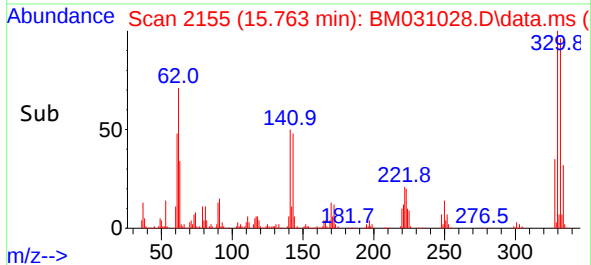
Tgt Ion: 237 Resp: 30228
Ion Ratio Lower Upper
237 100
235 60.7 42.4 82.4
272 11.9 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 138.818 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



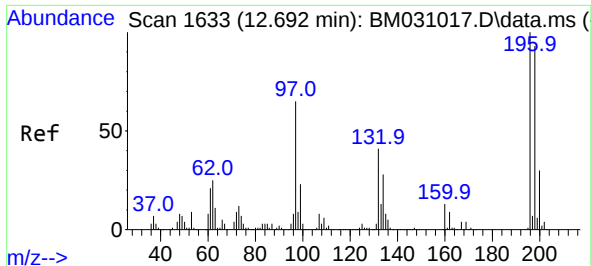
Tgt Ion: 330 Resp: 367817
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.4
141 48.5 30.2 45.2#



Instrument :
BNA_M
ClientSampleId :
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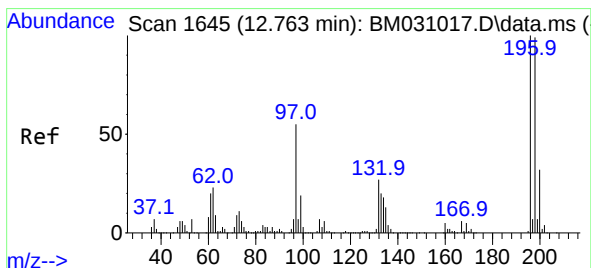
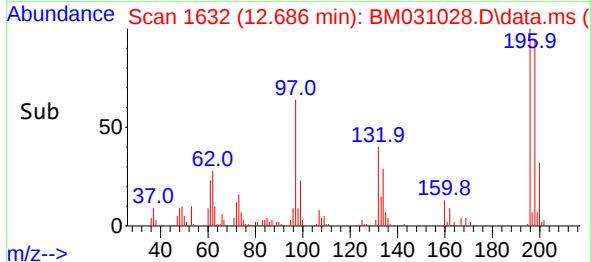
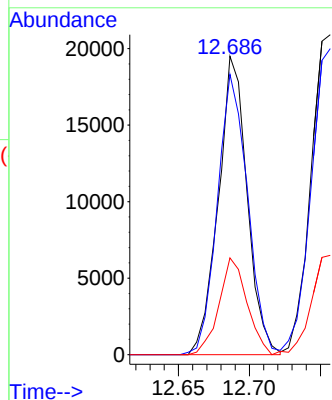
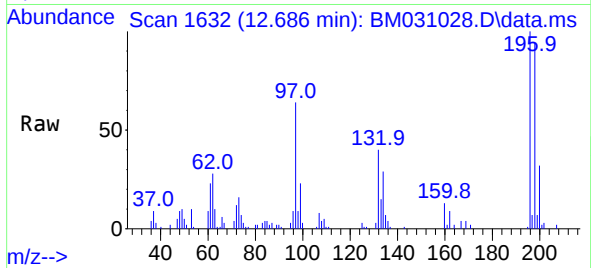
#43
2,4,6-Trichlorophenol
Concen: 6.928 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:196 Resp: 27514
Ion Ratio Lower Upper
196 100
198 94.0 77.6 116.4
200 32.5 24.6 37.0

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

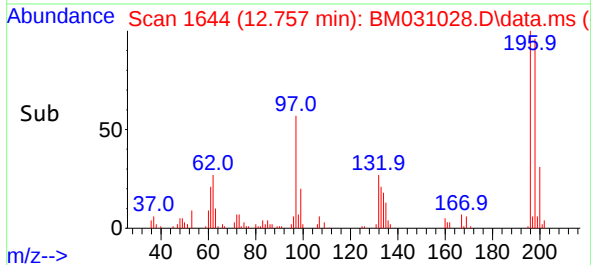
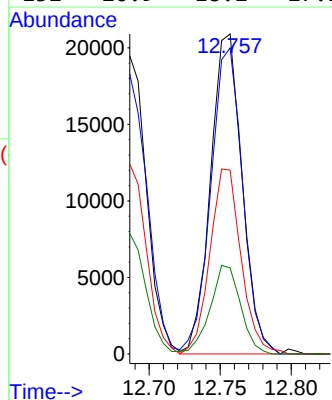
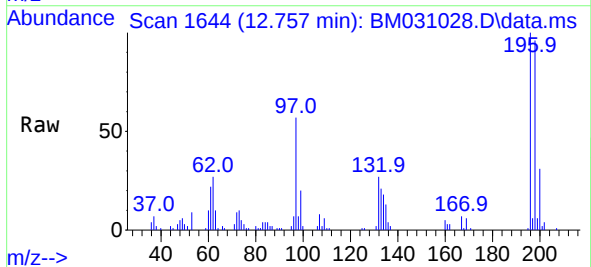
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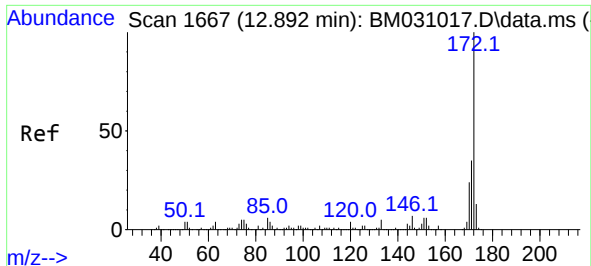
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 7.350 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

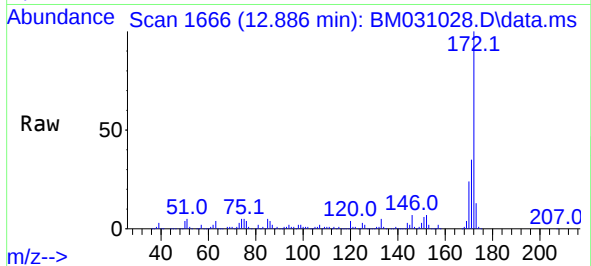
Tgt Ion:196 Resp: 32317
Ion Ratio Lower Upper
196 100
198 95.6 77.0 115.4
97 57.4 36.6 55.0#
132 26.9 18.2 27.2





#45
2-Fluorobiphenyl
Concen: 86.715 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

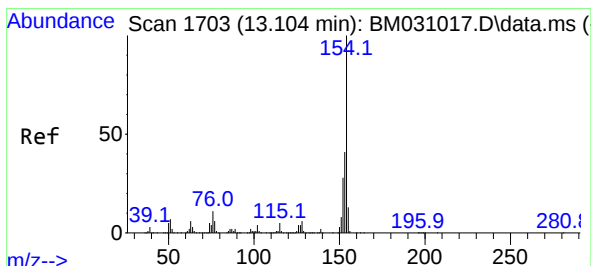
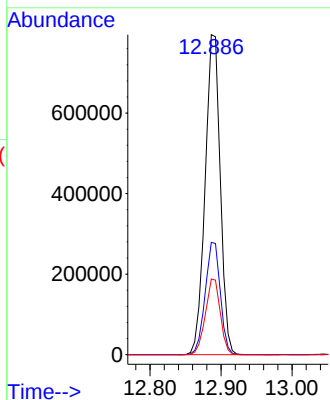
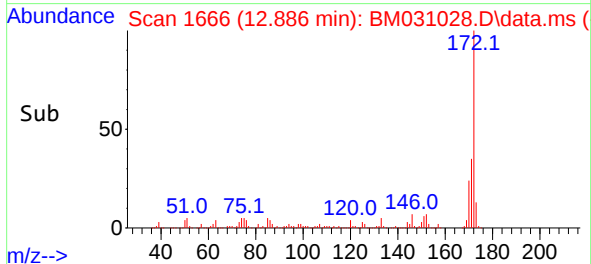
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



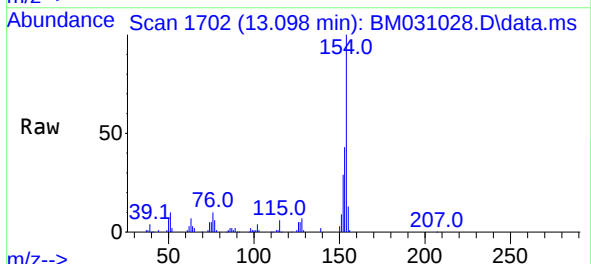
Tgt Ion:172 Resp: 1179253
Ion Ratio Lower Upper
172 100
171 35.1 28.6 43.0
170 23.6 18.4 27.6

Manual Integrations
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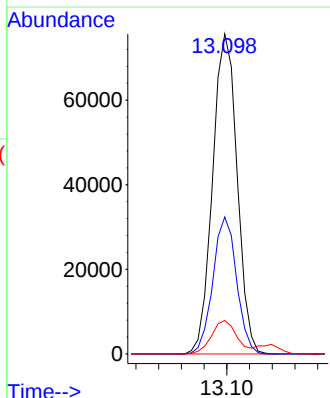
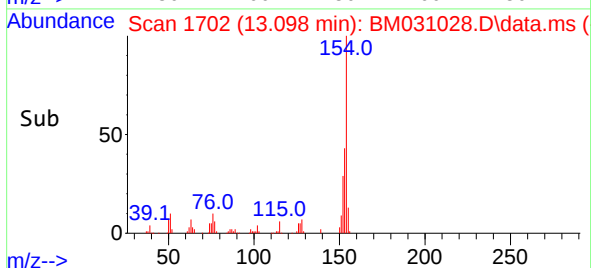
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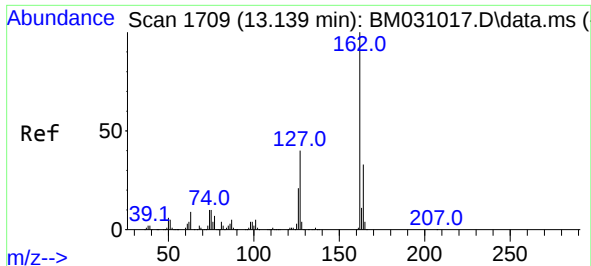


#46
1,1'-Biphenyl
Concen: 7.877 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion:154 Resp: 113332
Ion Ratio Lower Upper
154 100
153 42.8 20.7 60.7
76 10.5 0.0 31.0





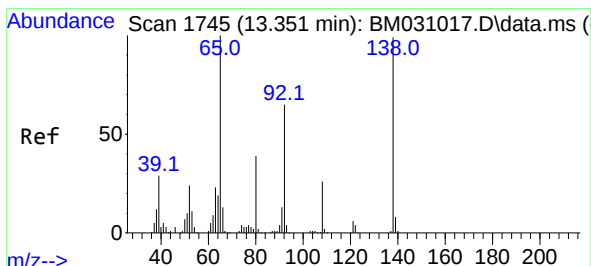
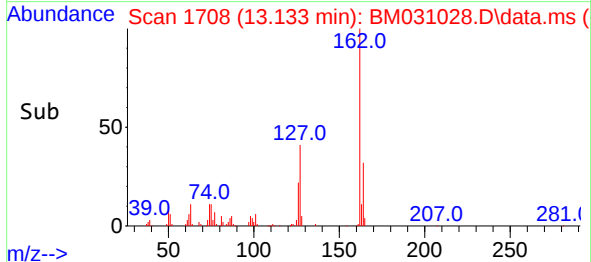
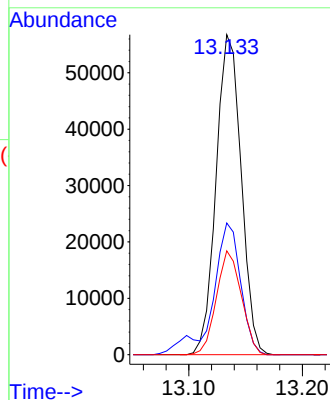
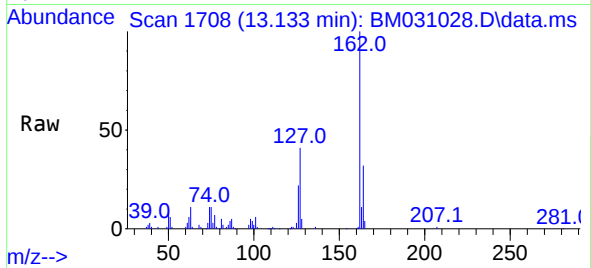
#47
2-Chloronaphthalene
Concen: 7.730 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:162 Resp: 87108
Ion Ratio Lower Upper
162 100
127 41.2 27.1 40.7#
164 32.4 26.1 39.1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

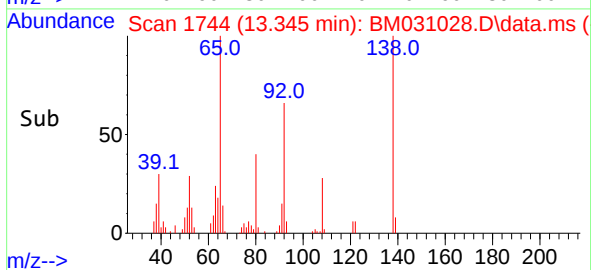
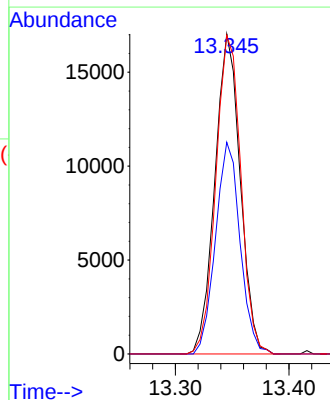
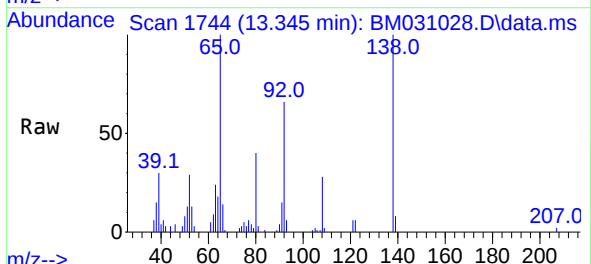
Manual Integrations
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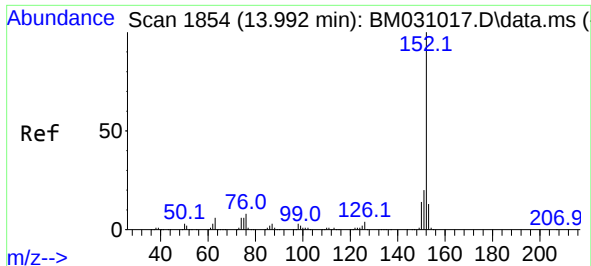
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#48
2-Nitroaniline
Concen: 7.353 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

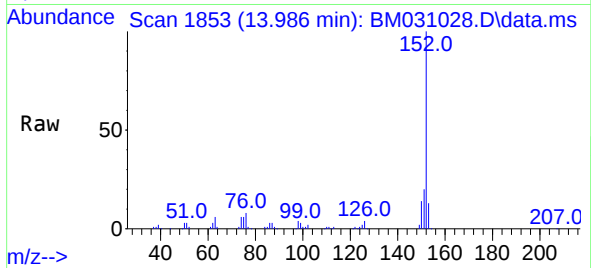
Tgt Ion: 65 Resp: 26405
Ion Ratio Lower Upper
65 100
92 66.1 55.5 83.3
138 99.5 85.7 128.5





#49
Acenaphthylene
Concen: 7.665 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

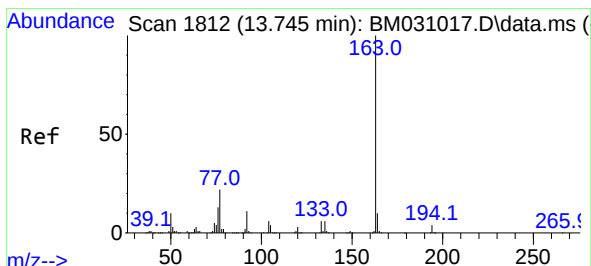
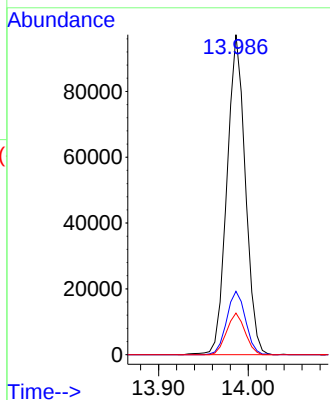
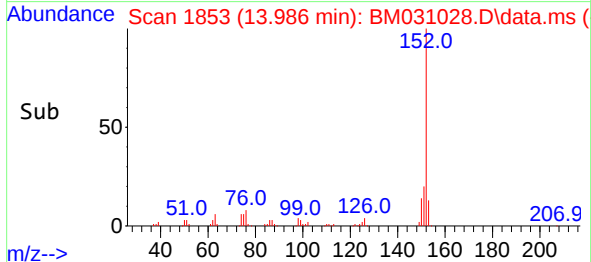
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



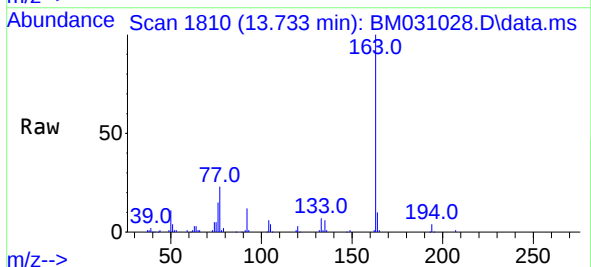
Tgt Ion:152 Resp: 138071
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.0 10.2 15.4

Manual Integrations
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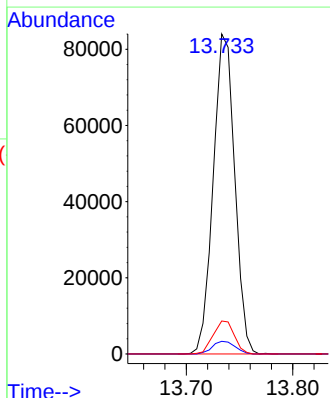
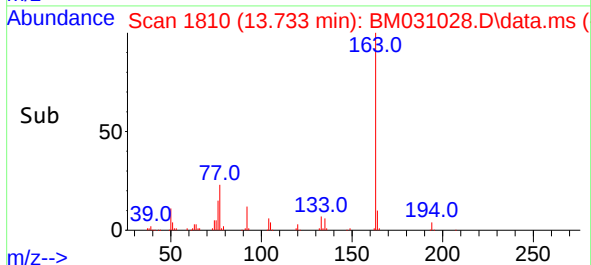
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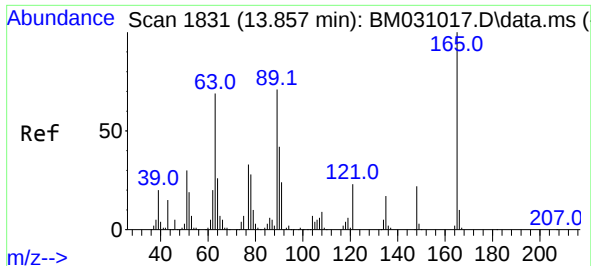


#50
Dimethylphthalate
Concen: 7.724 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



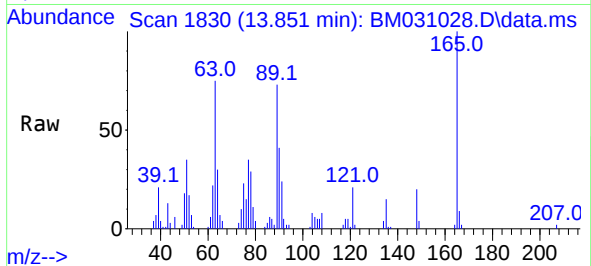
Tgt Ion:163 Resp: 117553
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.3 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 7.129 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

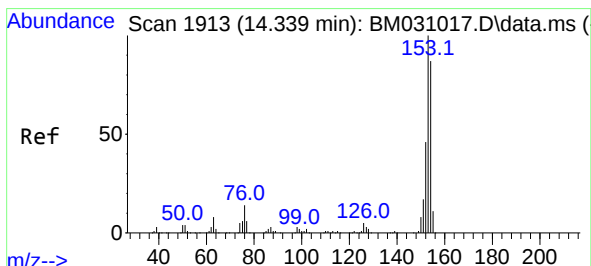
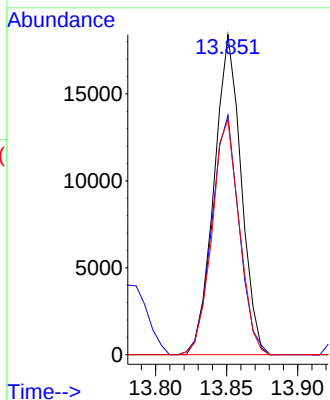
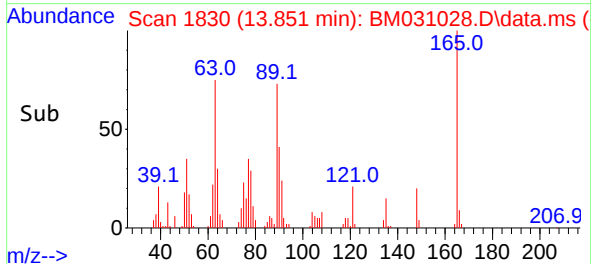
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



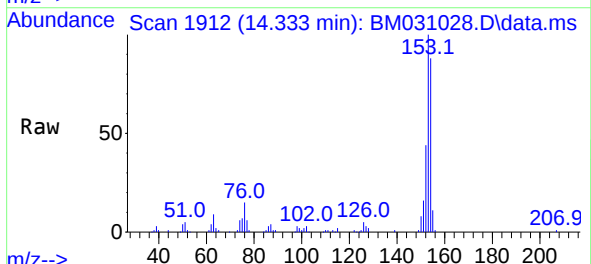
Tgt Ion	Ratio	Lower	Upper
165	100		
63	74.8	45.3	67.9#
89	73.4	46.3	69.5#

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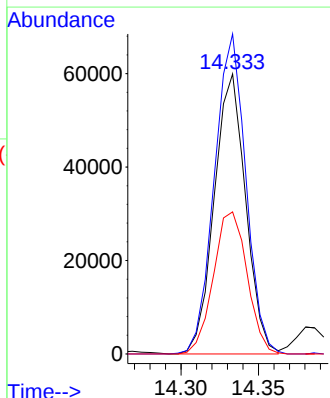
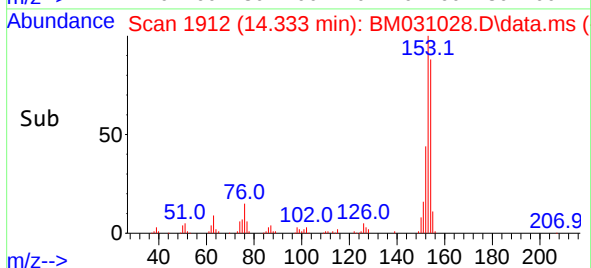
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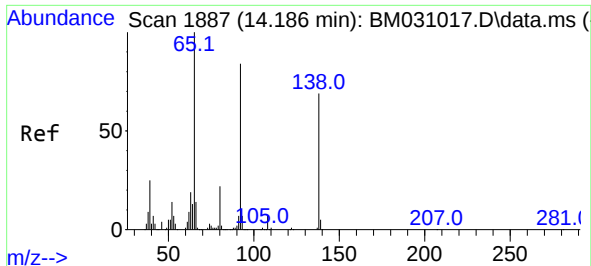


#52
Acenaphthene
Concen: 7.457 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	92.2	138.2
152	50.8	43.4	65.2





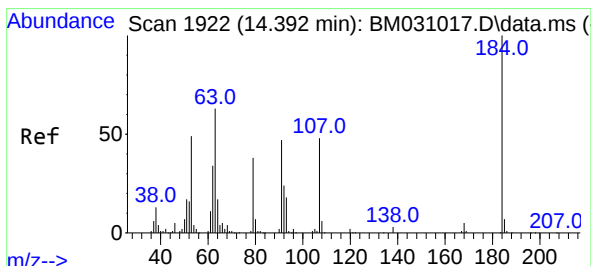
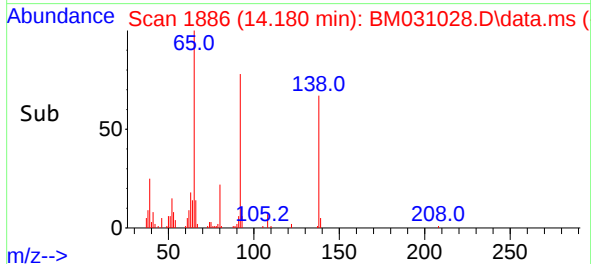
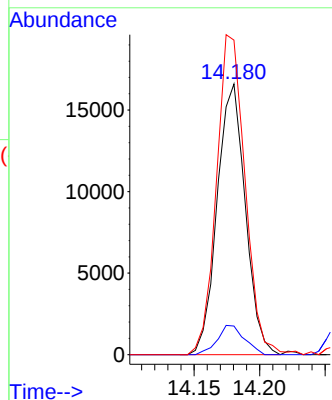
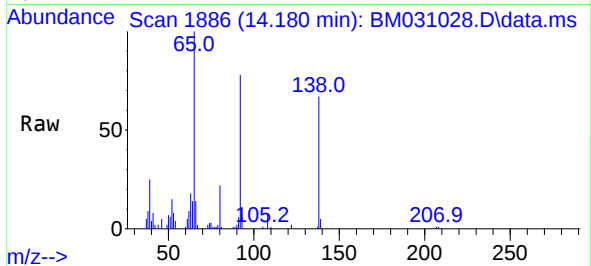
#53
3-Nitroaniline
Concen: 7.191 ng
RT: 14.180 min Scan# 1886
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:138 Resp: 24766
Ion Ratio Lower Upper
138 100
108 10.6 7.7 11.5
92 116.2 92.6 138.8

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

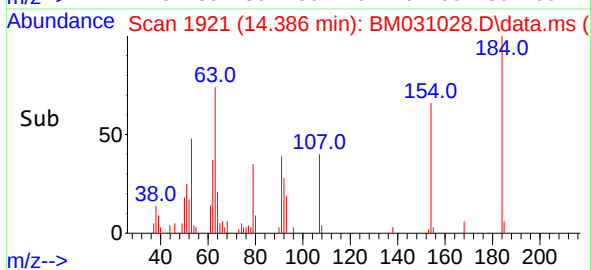
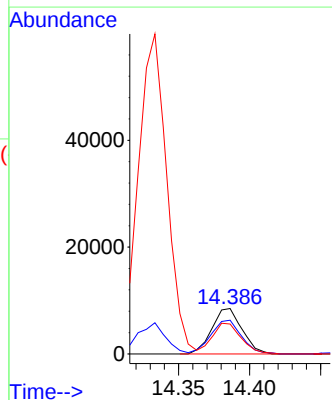
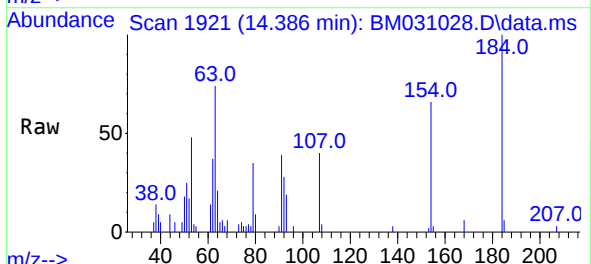
Manual Integrations
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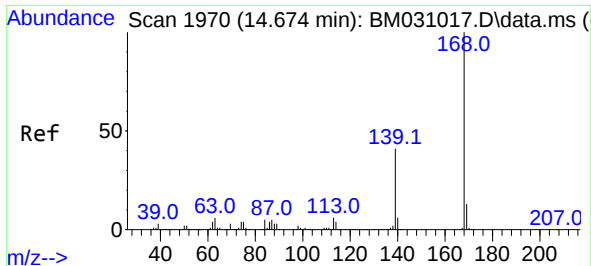
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#54
2,4-Dinitrophenol
Concen: 6.236 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

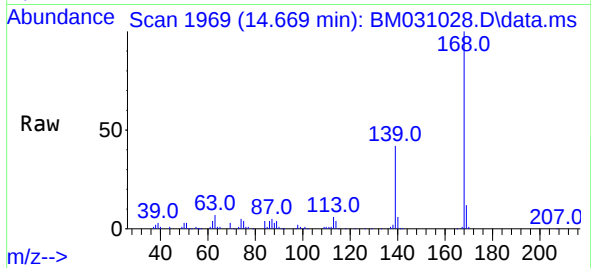
Tgt Ion:184 Resp: 12539
Ion Ratio Lower Upper
184 100
63 74.2 54.2 81.2
154 65.8 56.1 84.1





#55
Dibenzofuran
Concen: 7.655 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

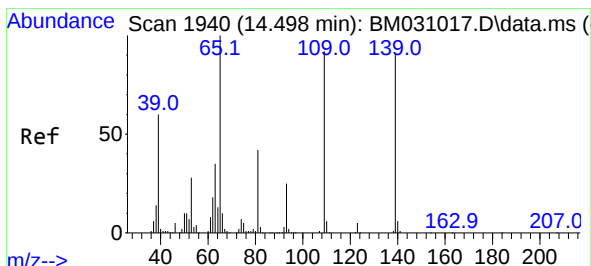
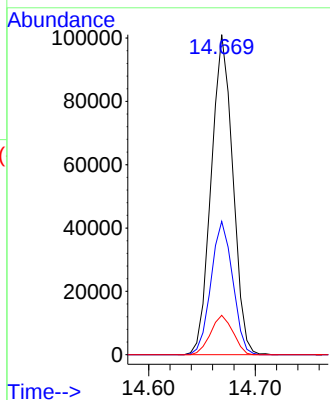
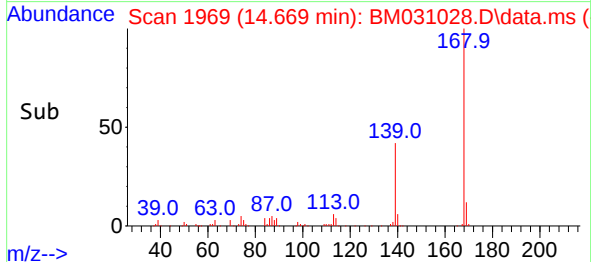
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



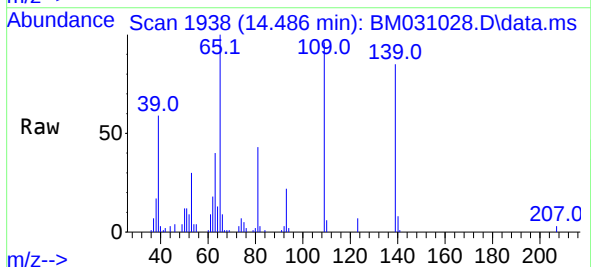
Tgt Ion:168 Resp: 142313
Ion Ratio Lower Upper
168 100
139 41.6 29.4 44.0
169 12.3 10.8 16.2

Manual Integrations
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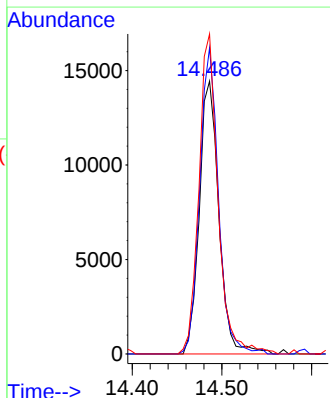
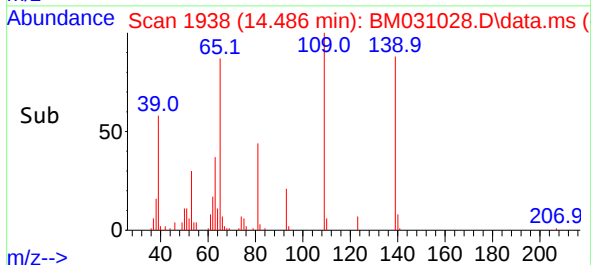
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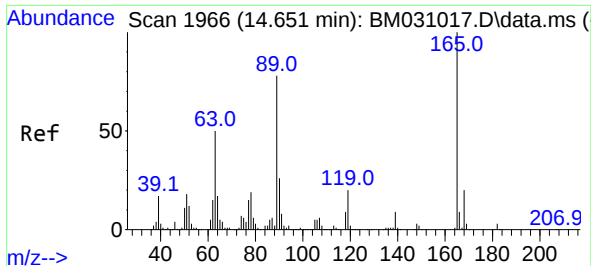


#56
4-Nitrophenol
Concen: 7.201 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



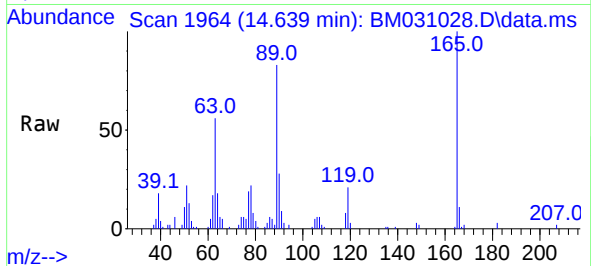
Tgt Ion:139 Resp: 21933
Ion Ratio Lower Upper
139 100
109 112.2 64.5 104.5#
65 117.3 78.9 118.9





#57
2,4-Dinitrotoluene
Concen: 7.132 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

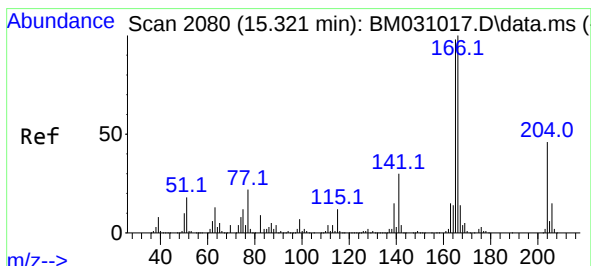
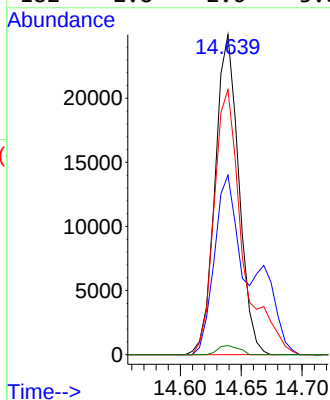
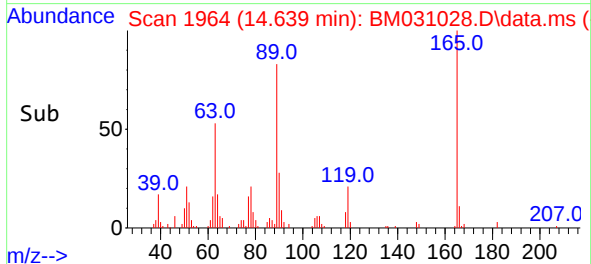
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



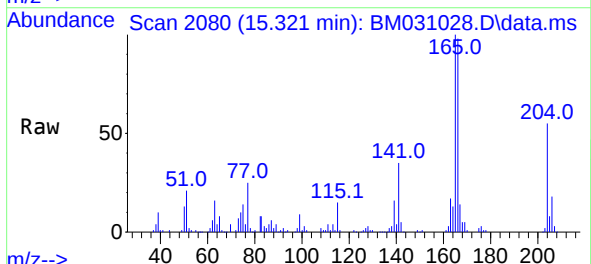
Tgt Ion:165 Resp: 33854
Ion Ratio Lower Upper
165 100
63 56.0 35.0 52.4#
89 82.9 55.2 82.8#
182 2.8 2.6 3.8

Manual Integrations
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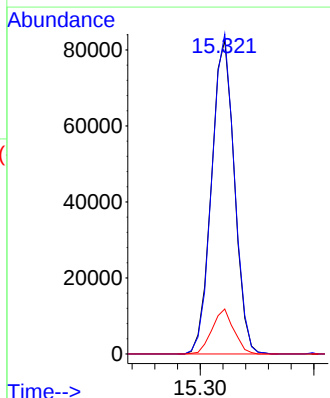
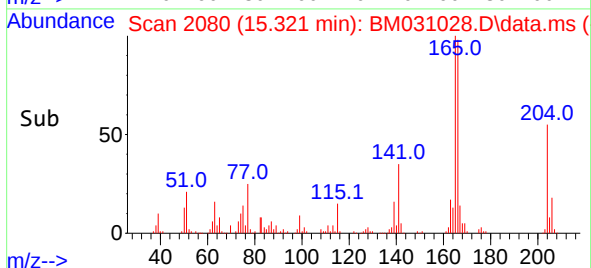
mohammad
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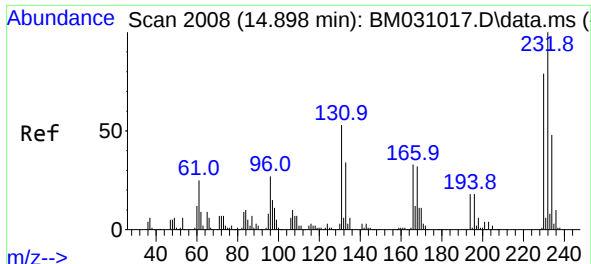


#58
Fluorene
Concen: 7.391 ng
RT: 15.321 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

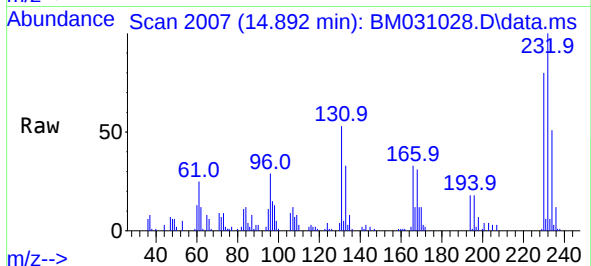


Tgt Ion:166 Resp: 115907
Ion Ratio Lower Upper
166 100
165 102.1 79.0 118.6
167 14.4 10.8 16.2

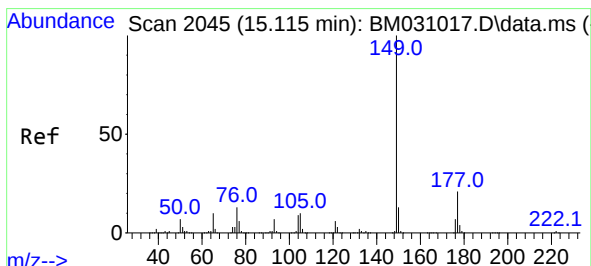
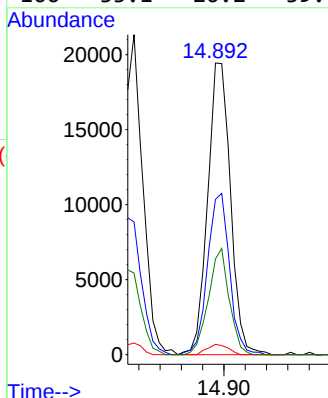
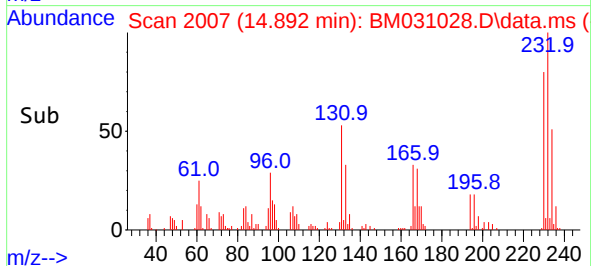




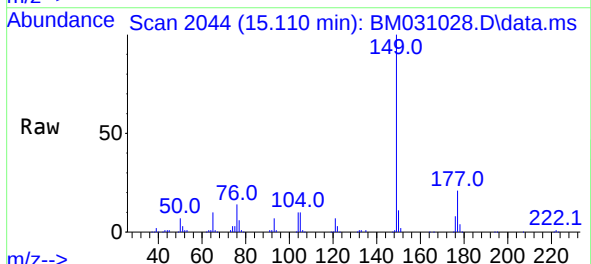
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.061 ng
RT: 14.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



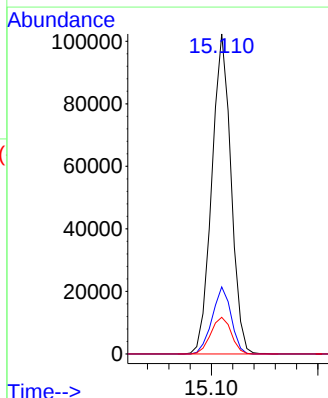
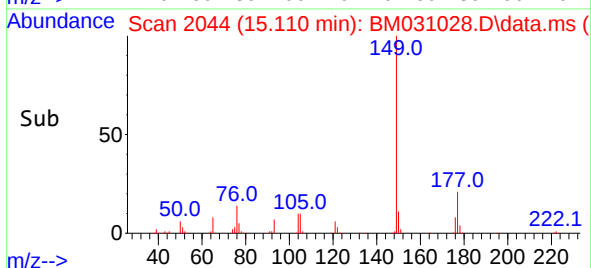
Tgt Ion:232 Resp: 28931
Ion Ratio Lower Upper
232 100
131 53.4 34.4 51.6#
130 3.2 2.2 3.2#
166 33.1 26.2 39.4



#60
Diethylphthalate
Concen: 7.823 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



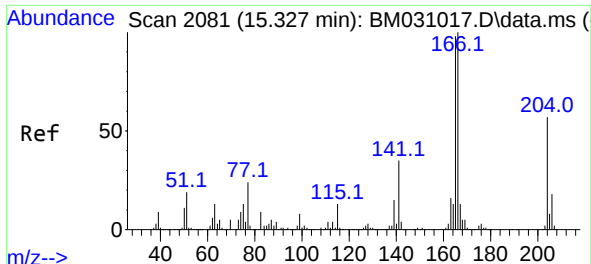
Tgt Ion:149 Resp: 127645
Ion Ratio Lower Upper
149 100
177 21.0 17.9 26.9
150 11.5 10.3 15.5



Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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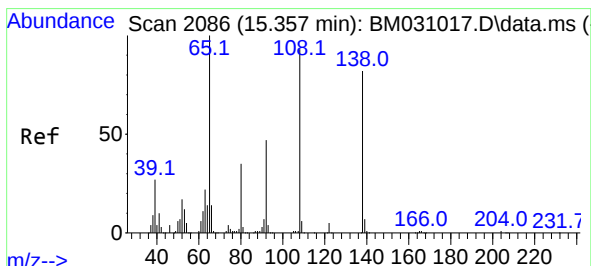
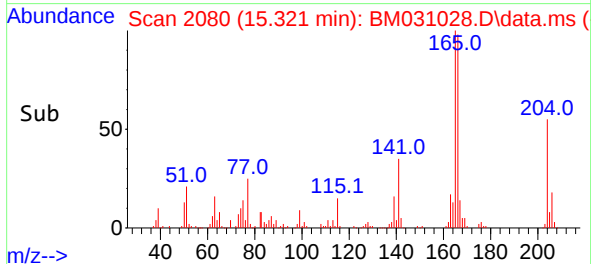
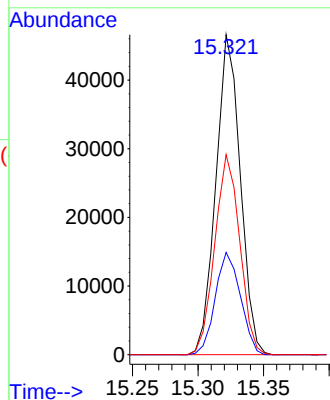
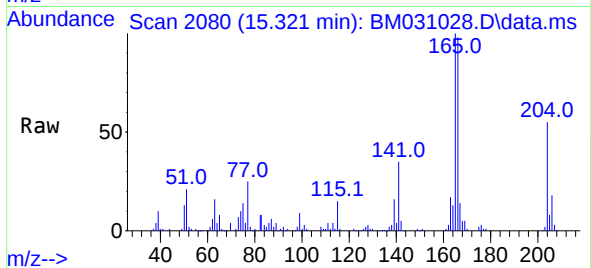
#61
4-Chlorophenyl-phenylether
Concen: 7.772 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:204 Resp: 60354
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 62.5 40.3 60.5#

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

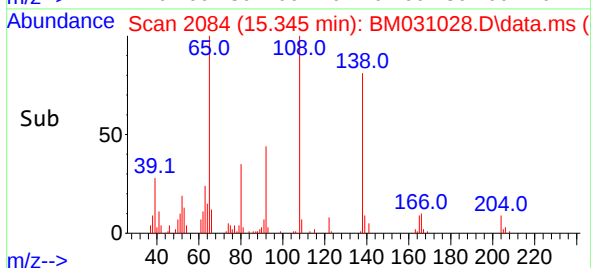
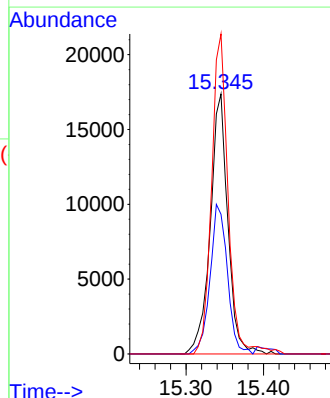
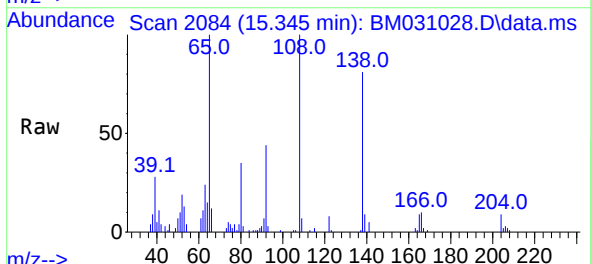
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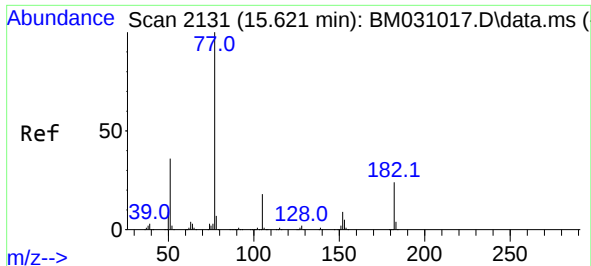
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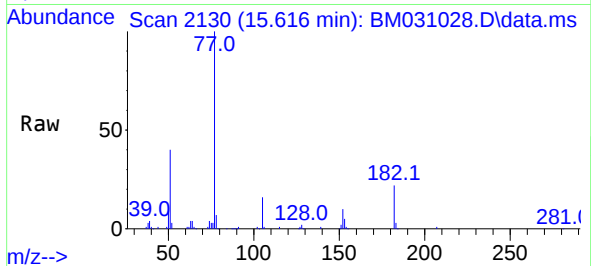
#62
4-Nitroaniline
Concen: 7.214 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:138 Resp: 27409
Ion Ratio Lower Upper
138 100
92 53.7 33.4 73.4
108 123.1 75.5 115.5#



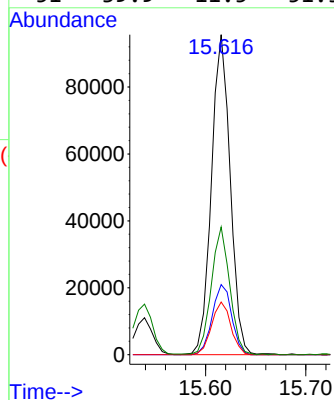


#63
Azobenzene
Concen: 7.675 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion: 77 Resp: 124646

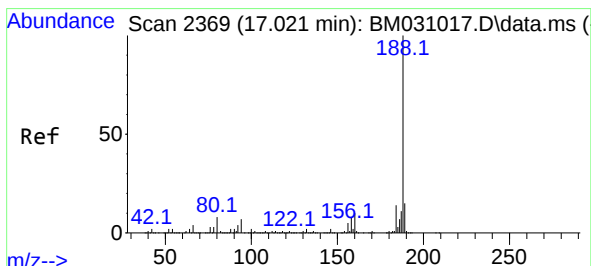
Ion	Ratio	Lower	Upper
77	100		
182	21.9	6.8	46.8
105	16.4	0.0	36.6
51	39.9	11.5	51.5



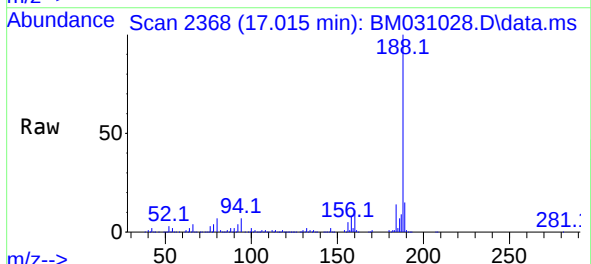
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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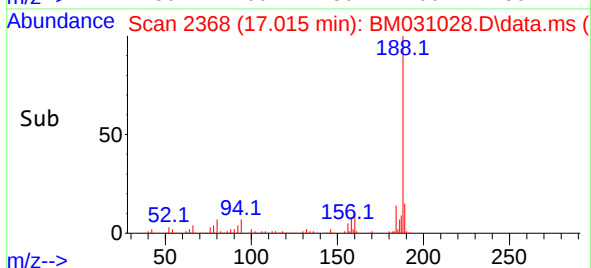
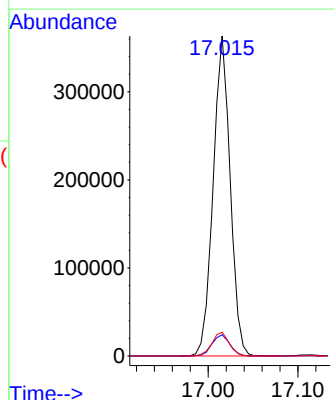


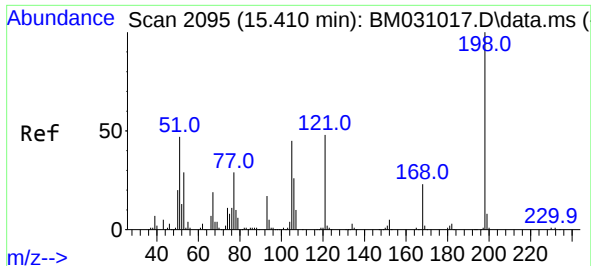
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion: 188 Resp: 478266

Ion	Ratio	Lower	Upper
188	100		
94	6.6	6.0	9.0
80	7.4	6.6	9.8





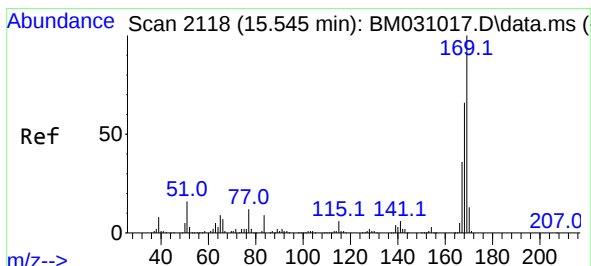
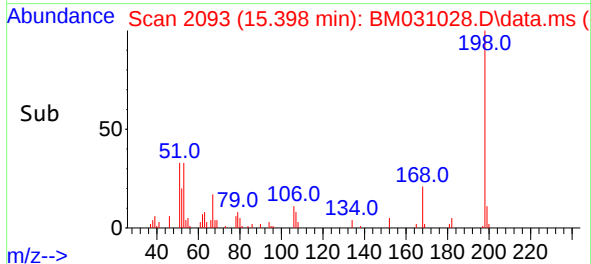
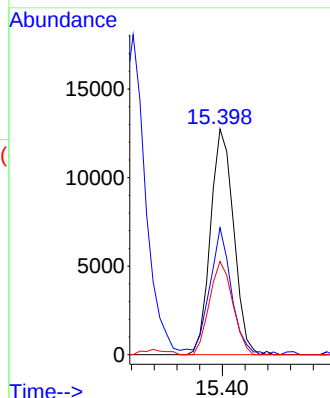
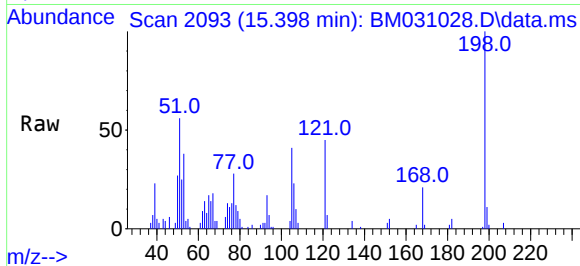
#65
4,6-Dinitro-2-methylphenol
Concen: 6.013 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:198 Resp: 18037
Ion Ratio Lower Upper
198 100
51 56.2 18.9 58.9
105 41.4 17.6 57.6

Instrument :
BNA_M
ClientSampleId :
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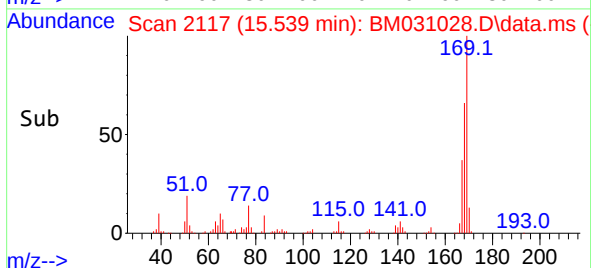
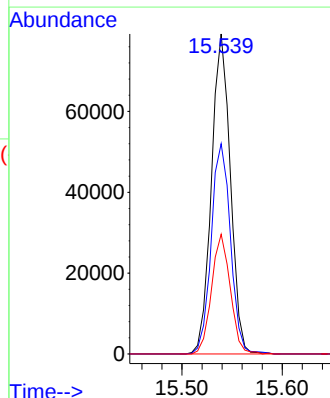
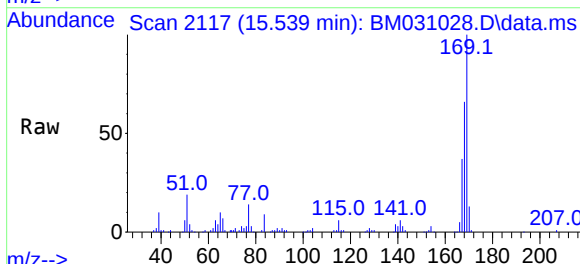
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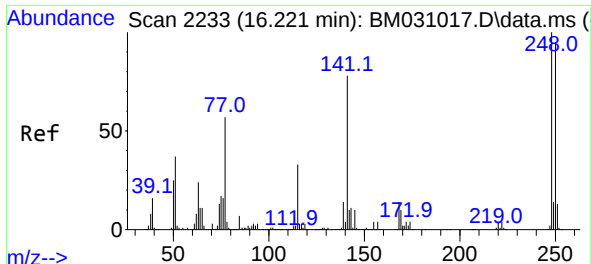
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#66
n-Nitrosodiphenylamine
Concen: 7.380 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

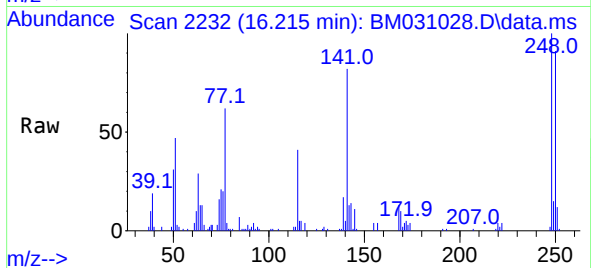
Tgt Ion:169 Resp: 103740
Ion Ratio Lower Upper
169 100
168 65.7 54.2 81.2
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 7.532 ng
RT: 16.215 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

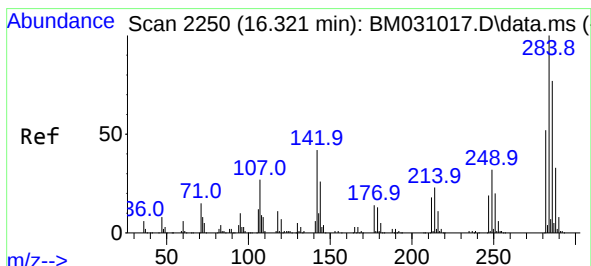
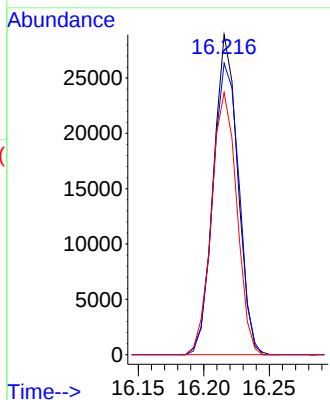
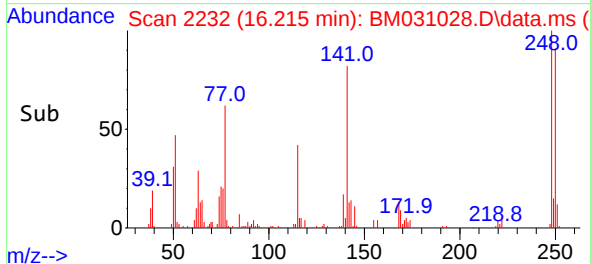
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



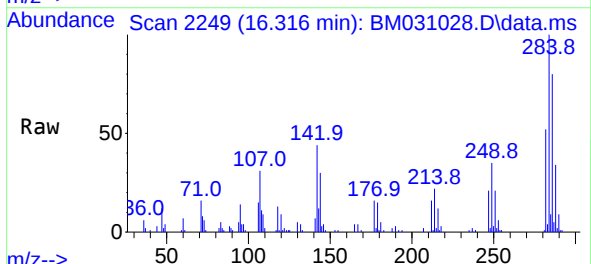
Tgt Ion:248 Resp: 37269
Ion Ratio Lower Upper
248 100
250 91.0 77.9 116.9
141 81.9 56.2 84.2

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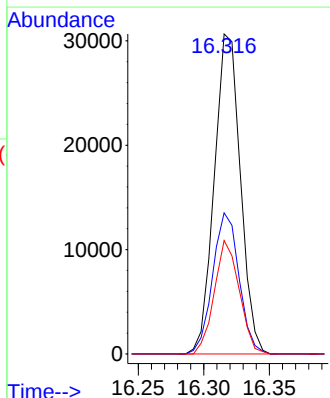
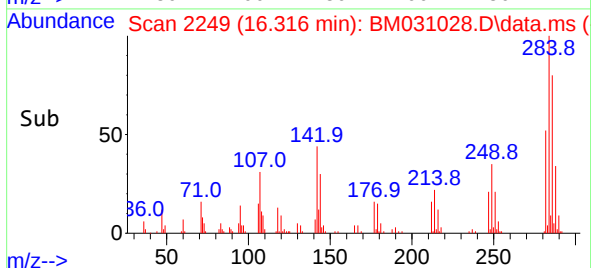
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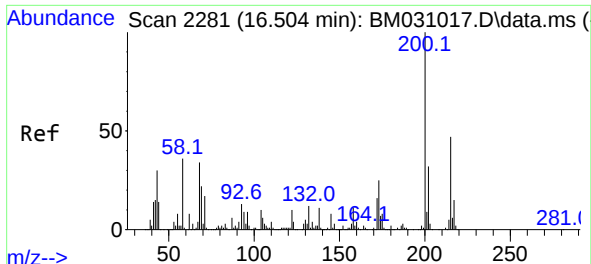


#68
Hexachlorobenzene
Concen: 7.613 ng
RT: 16.316 min Scan# 2249
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



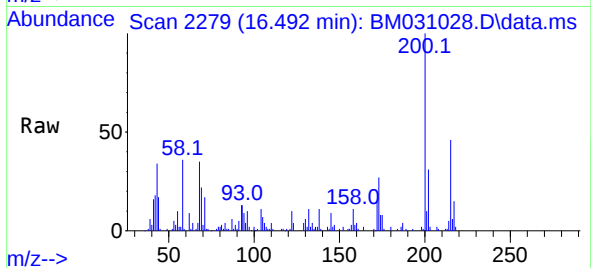
Tgt Ion:284 Resp: 42449
Ion Ratio Lower Upper
284 100
142 44.1 29.0 43.4#
249 35.5 26.0 39.0





#69
Atrazine
Concen: 8.129 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

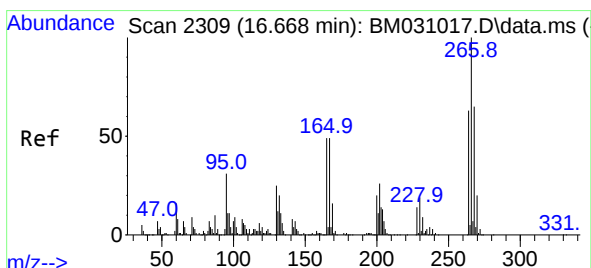
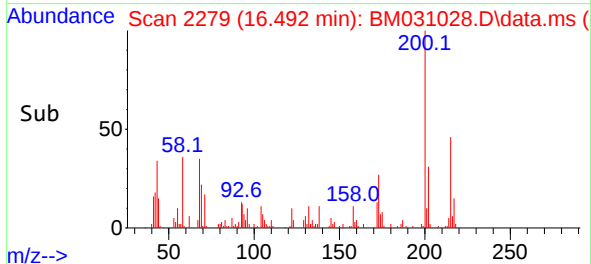
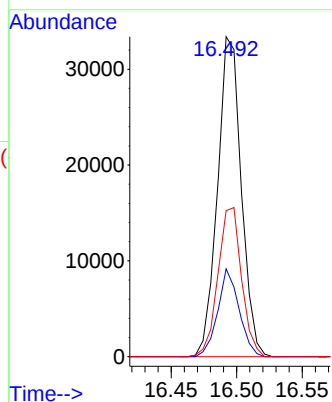
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



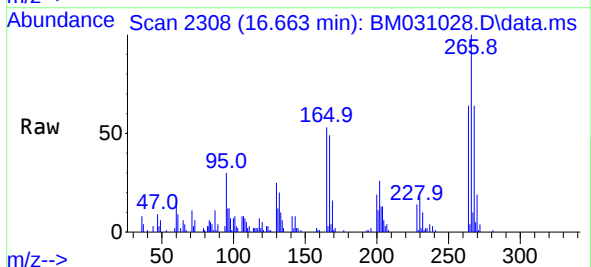
Tgt Ion:200 Resp: 41953
Ion Ratio Lower Upper
200 100
173 27.5 3.8 43.8
215 45.6 24.8 64.8

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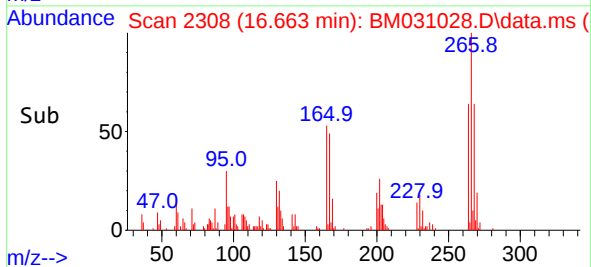
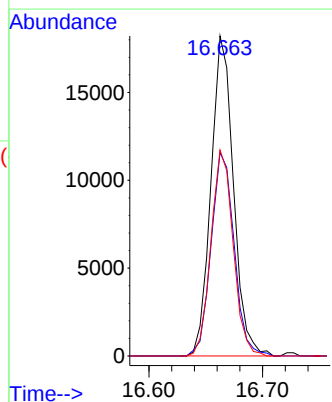
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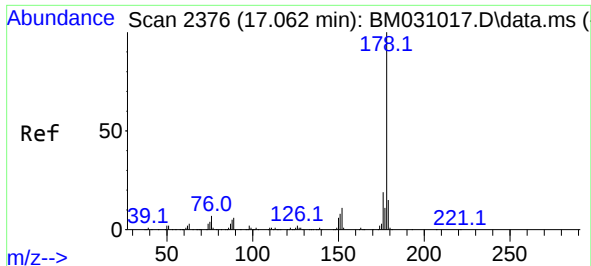


#70
Pentachlorophenol
Concen: 6.865 ng
RT: 16.663 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion:266 Resp: 25027
Ion Ratio Lower Upper
266 100
268 63.6 52.8 79.2
264 64.4 51.9 77.9





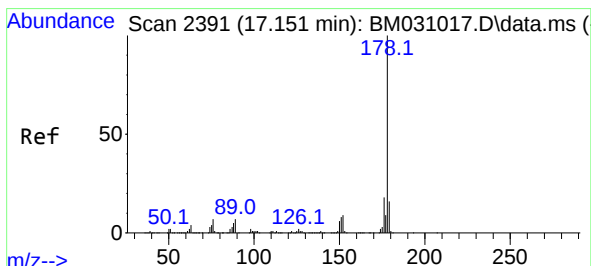
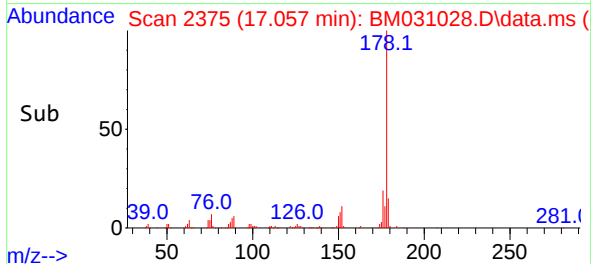
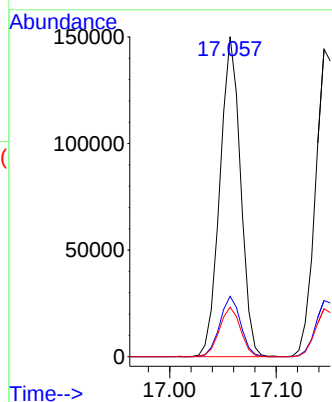
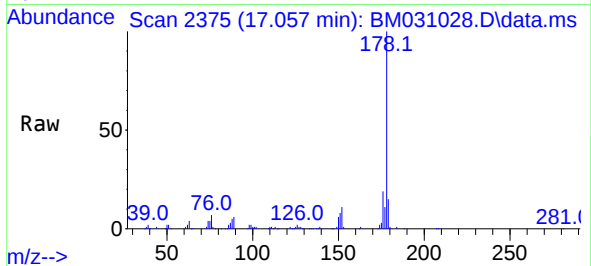
#71
Phenanthrene
Concen: 7.611 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:178 Resp: 201569
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.5 12.2 18.4

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

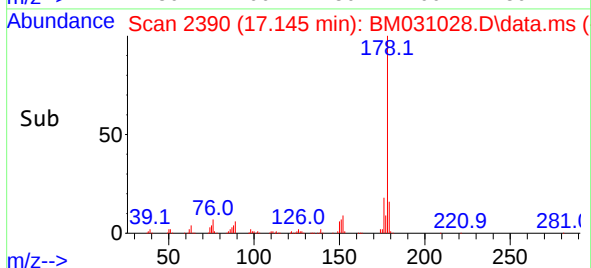
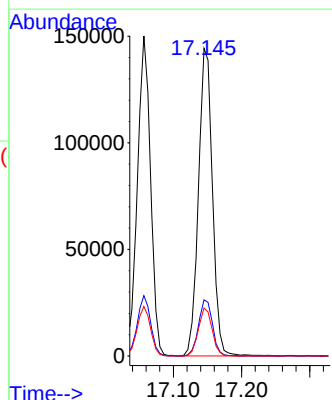
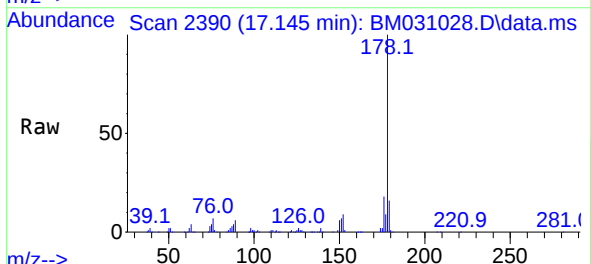
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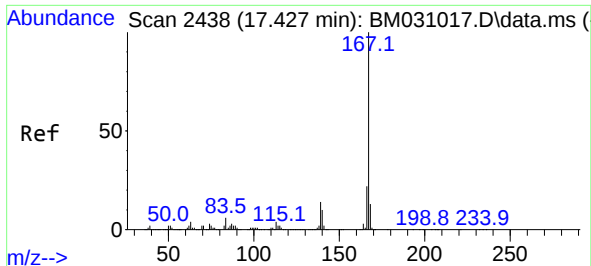
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#72
Anthracene
Concen: 7.904 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

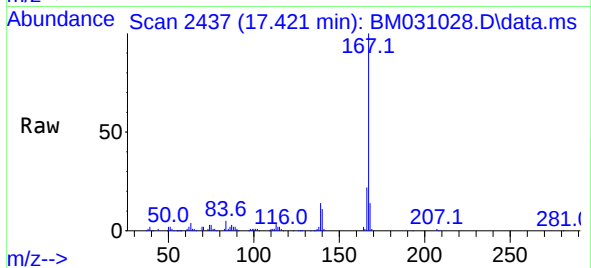
Tgt Ion:178 Resp: 206431
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 7.447 ng
 RT: 17.421 min Scan# 2437
 Delta R.T. -0.006 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23

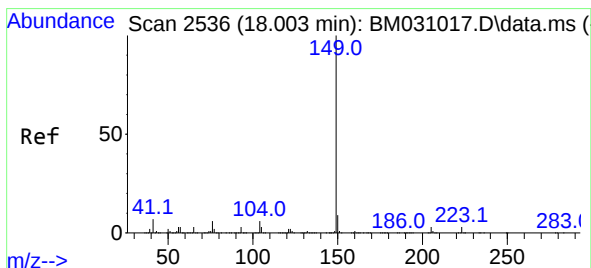
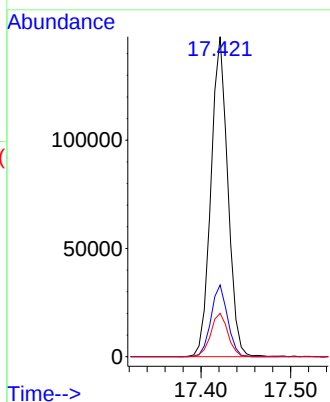
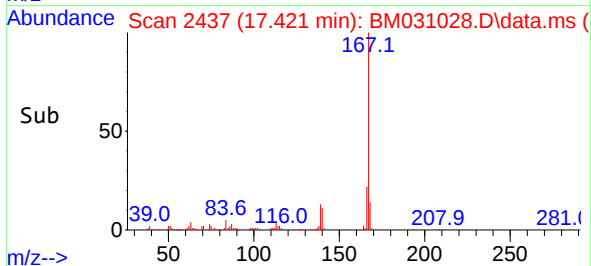
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021



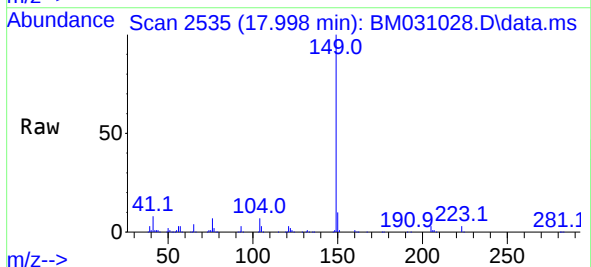
Tgt Ion:167 Resp: 192525
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.4 26.0
 139 13.6 9.8 14.6

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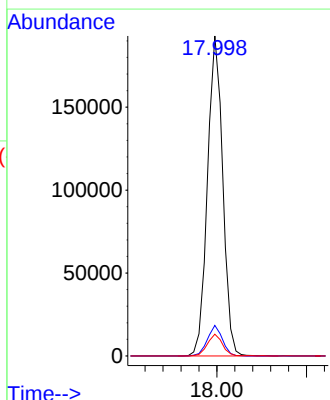
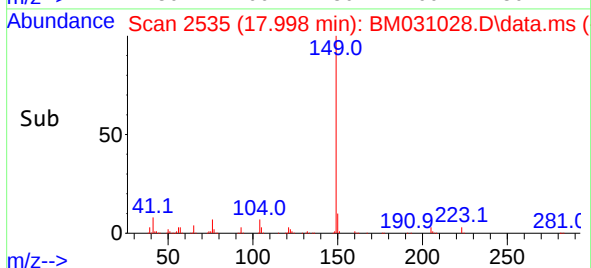
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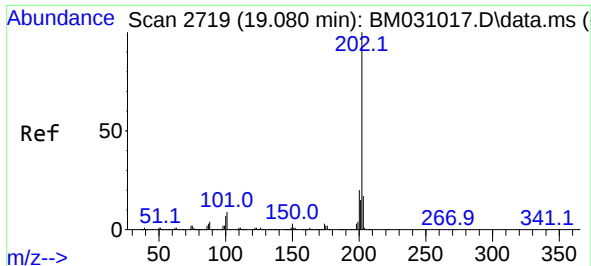


#74
 Di-n-butylphthalate
 Concen: 7.504 ng
 RT: 17.998 min Scan# 2535
 Delta R.T. -0.006 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23



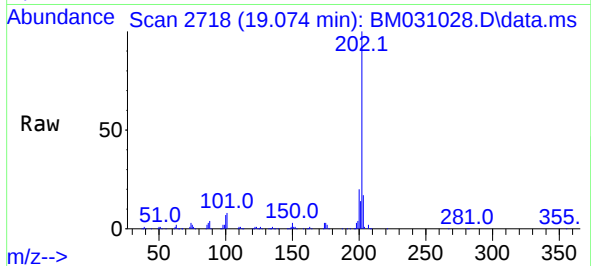
Tgt Ion:149 Resp: 227895
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.2 10.8
 104 6.8 4.3 6.5#





#75
Fluoranthene
Concen: 7.558 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

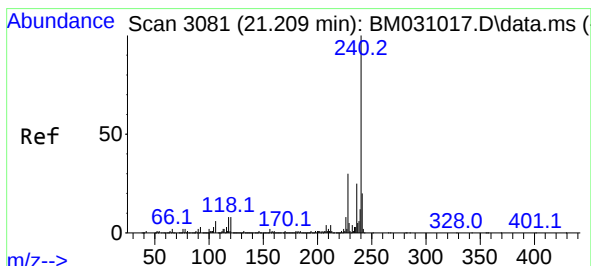
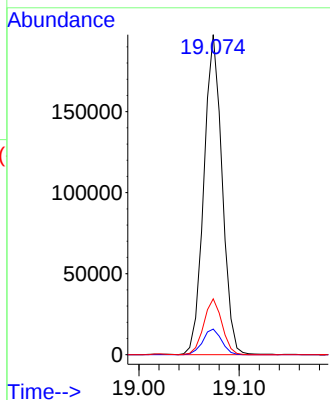
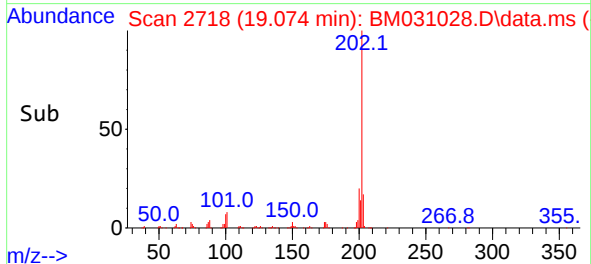
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



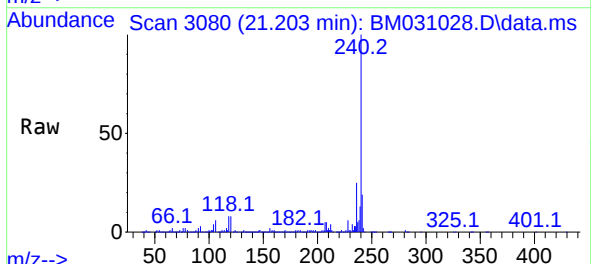
Tgt Ion:202 Resp: 250509
Ion Ratio Lower Upper
202 100
101 8.0 0.0 28.6
203 17.5 0.0 37.3

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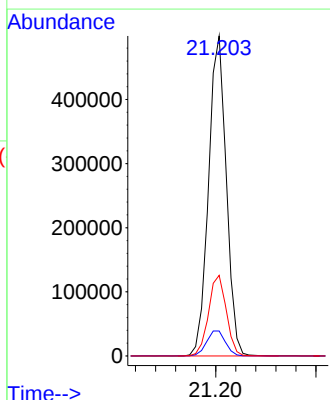
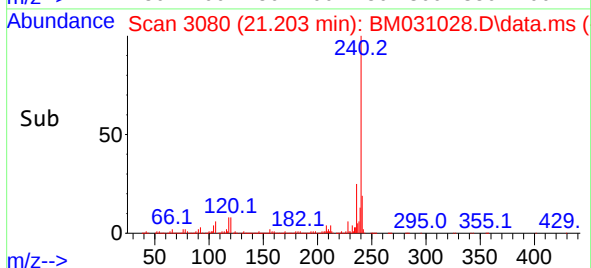
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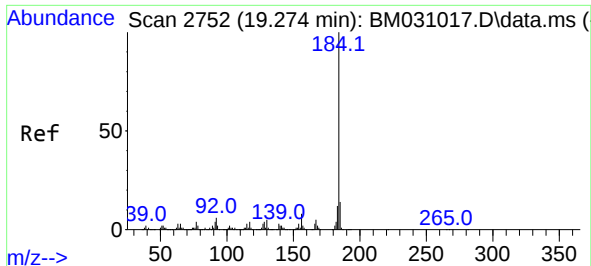


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion:240 Resp: 612337
Ion Ratio Lower Upper
240 100
120 7.8 7.0 10.6
236 25.2 21.0 31.4





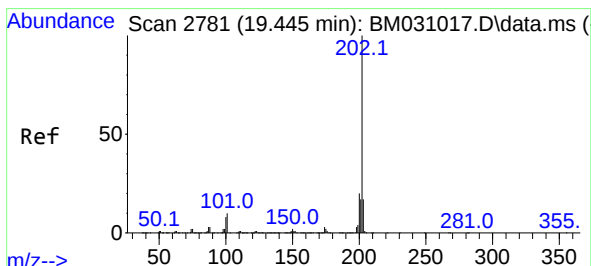
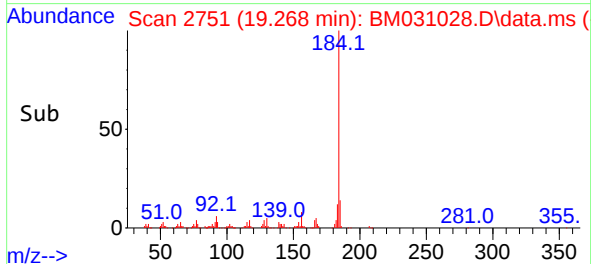
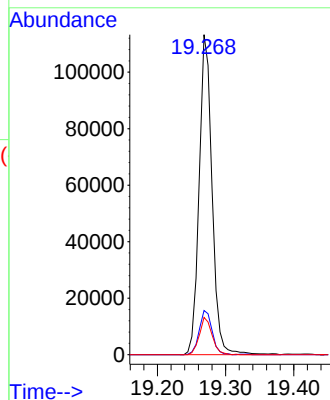
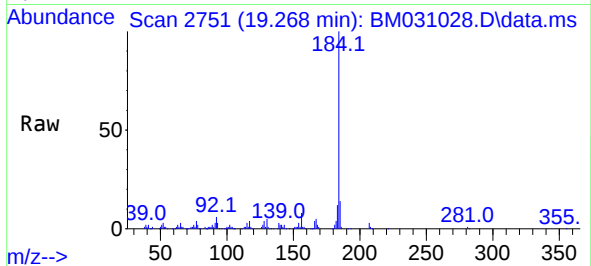
#77
Benzidine
Concen: 9.861 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031028.D
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Tgt Ion:184 Resp: 149071
Ion Ratio Lower Upper
184 100
185 13.8 10.9 16.3
183 11.6 9.8 14.8

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

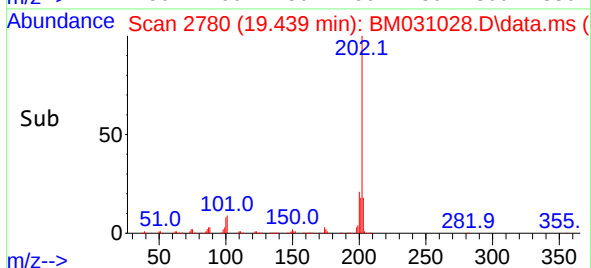
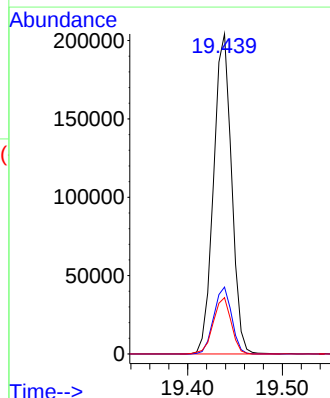
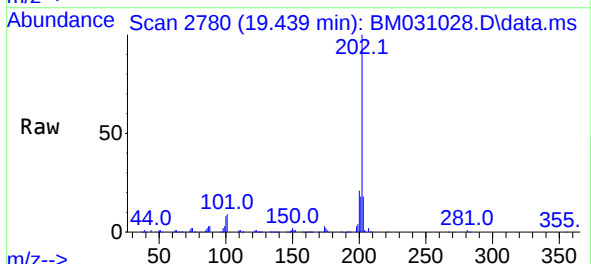
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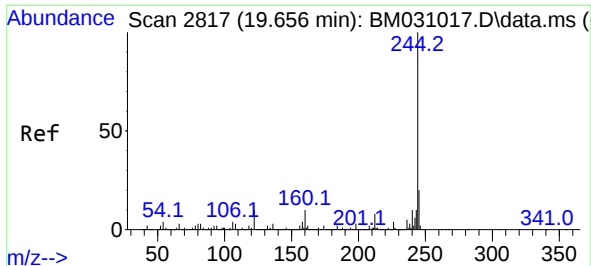
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#78
Pyrene
Concen: 7.036 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

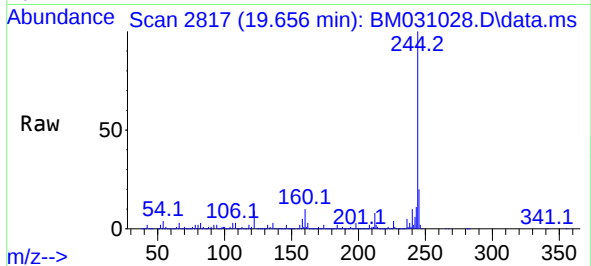
Tgt Ion:202 Resp: 269058
Ion Ratio Lower Upper
202 100
200 20.9 17.3 25.9
203 17.6 13.9 20.9





#79
 Terphenyl-d14
 Concen: 86.920 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

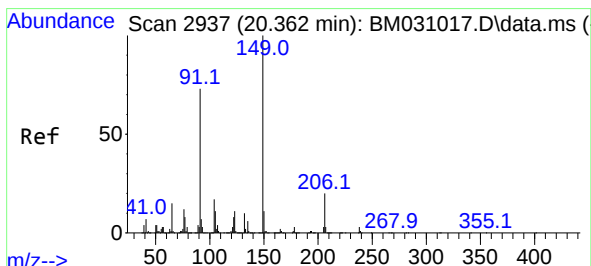
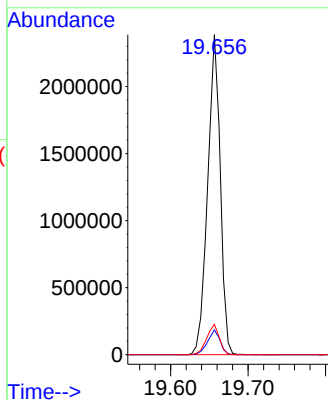
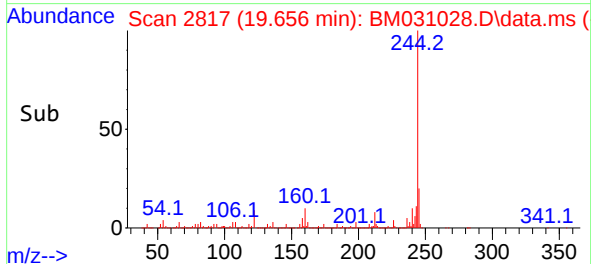


Tgt Ion:244 Resp: 2690081

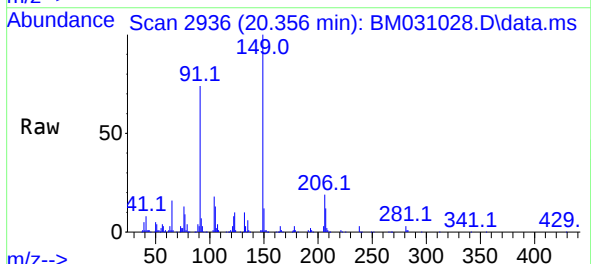
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.3	9.5
122	9.5	6.9	10.3

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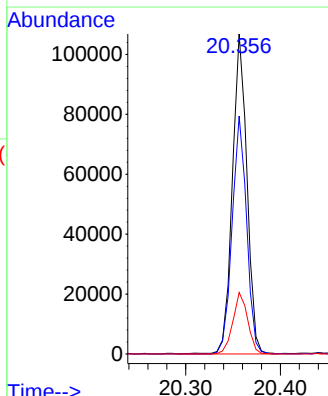
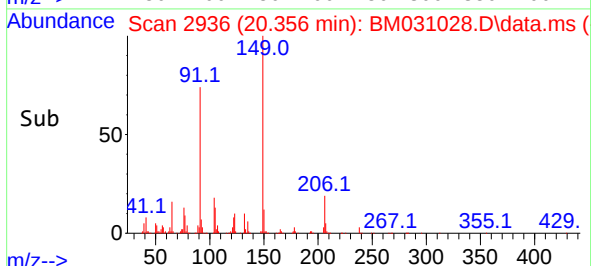


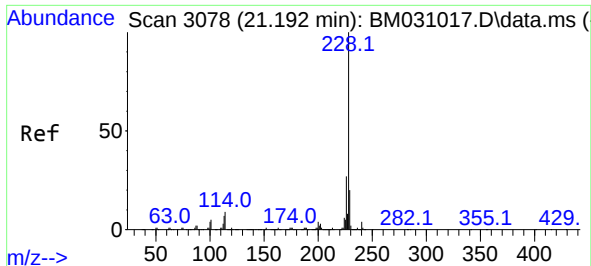
#80
 Butylbenzylphthalate
 Concen: 6.975 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031028.D
 Acq: 20 Jul 2021 18:23



Tgt Ion:149 Resp: 113879

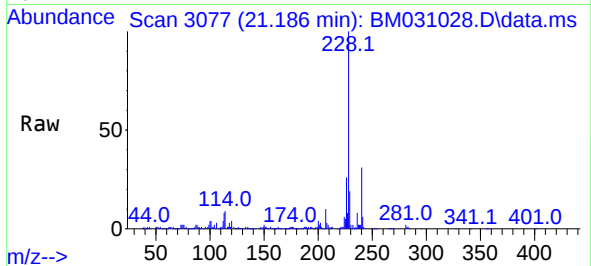
Ion	Ratio	Lower	Upper
149	100		
91	74.3	57.4	86.0
206	19.2	16.6	25.0





#81
Benzo(a)anthracene
Concen: 7.485 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

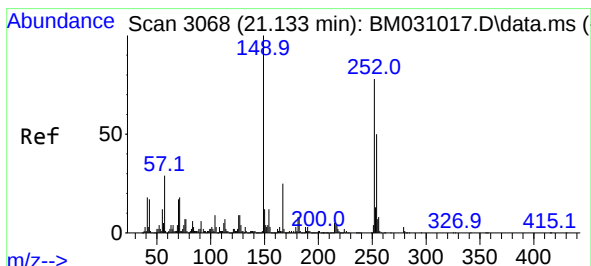
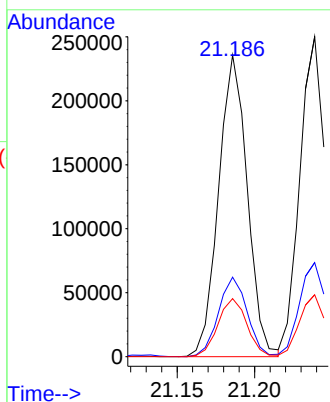
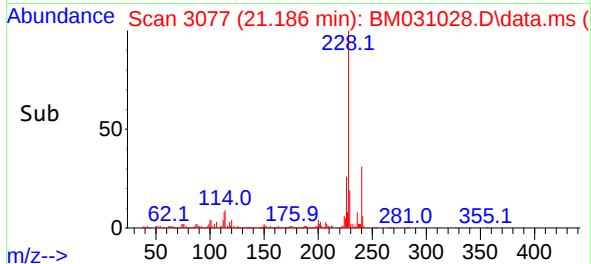
Instrument :
BNA_M
ClientSampleId :
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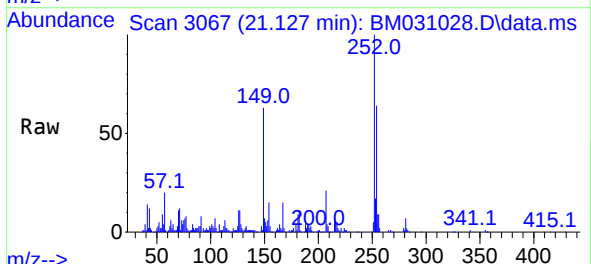
Tgt Ion:228 Resp: 303736
Ion Ratio Lower Upper
228 100
226 26.4 22.3 33.5
229 19.3 15.7 23.5

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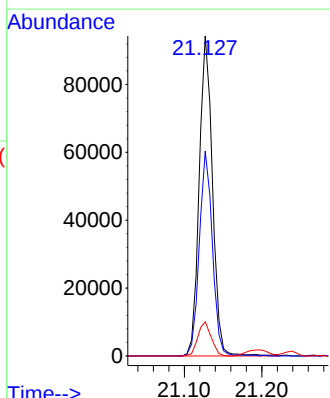
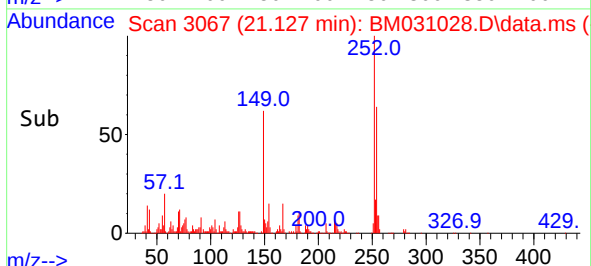
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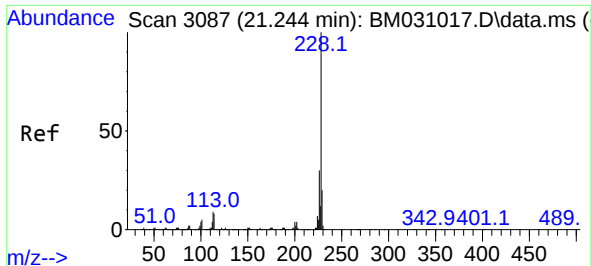


#82
3,3'-Dichlorobenzidine
Concen: 10.057 ng
RT: 21.127 min Scan# 3067
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



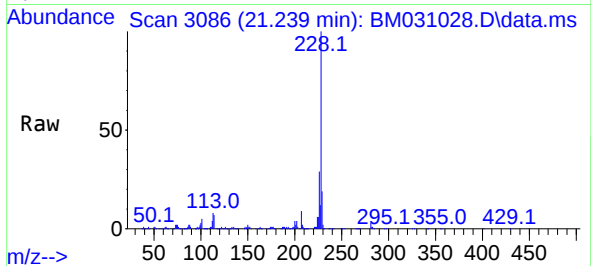
Tgt Ion:252 Resp: 111879
Ion Ratio Lower Upper
252 100
254 64.0 51.5 77.3
126 10.7 8.6 13.0





#83
Chrysene
Concen: 7.413 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

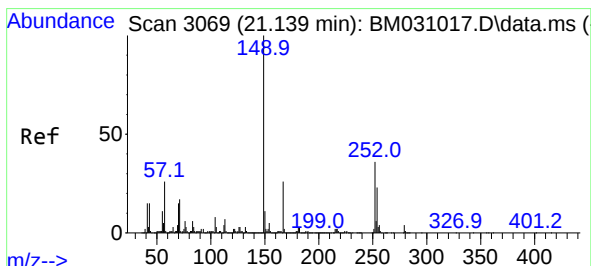
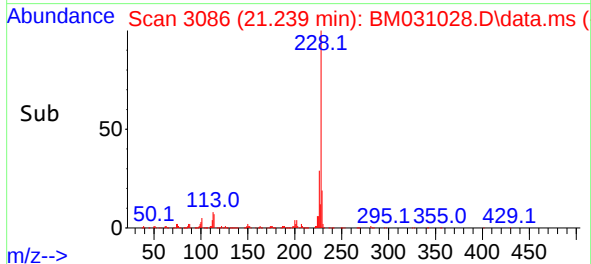
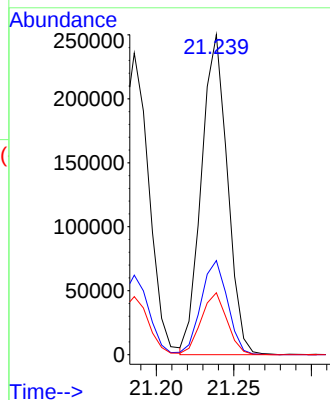
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:228 Resp: 292270
Ion Ratio Lower Upper
228 100
226 29.4 24.6 36.8
229 19.4 15.5 23.3

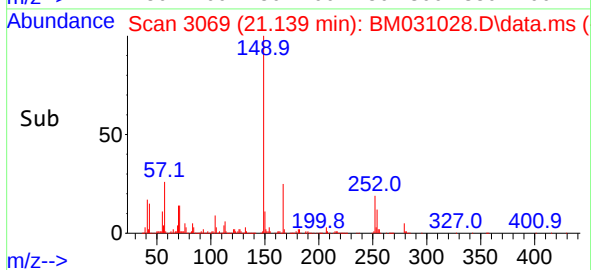
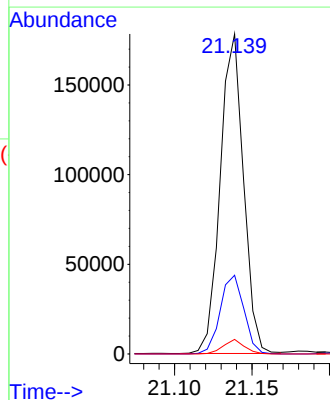
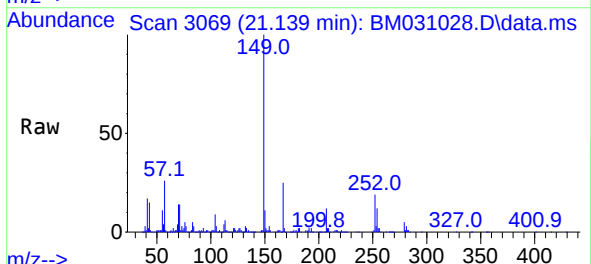
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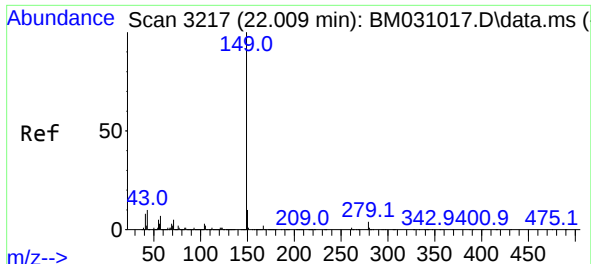
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.339 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

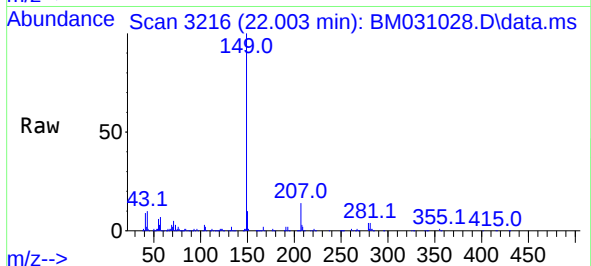
Tgt Ion:149 Resp: 185647
Ion Ratio Lower Upper
149 100
167 24.6 22.6 33.8
279 4.6 3.8 5.8





#85
Di-n-octyl phthalate
Concen: 7.551 ng
RT: 22.003 min Scan# 3216
Delta R.T. -0.006 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

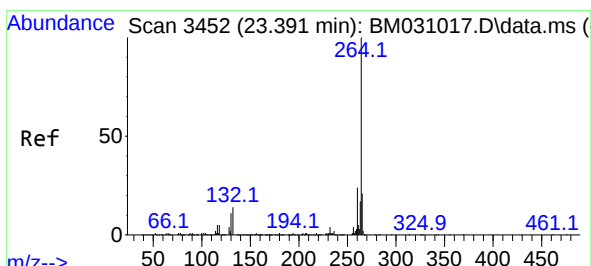
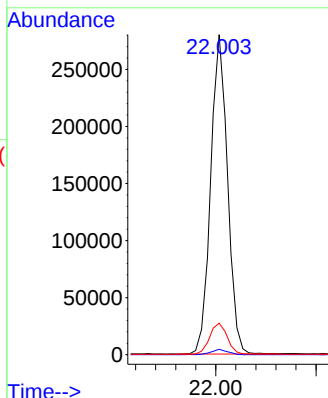
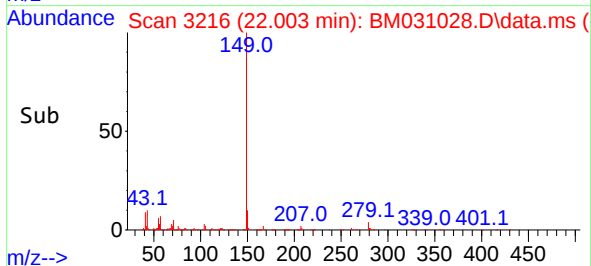
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



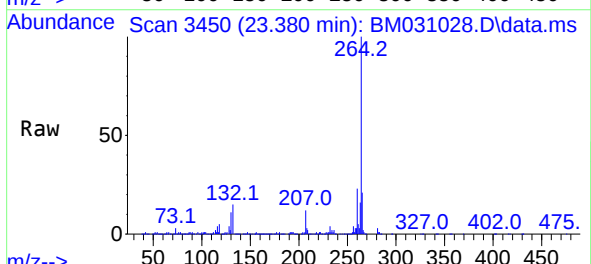
Tgt Ion:149 Resp: 327072
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.3 7.4 11.0

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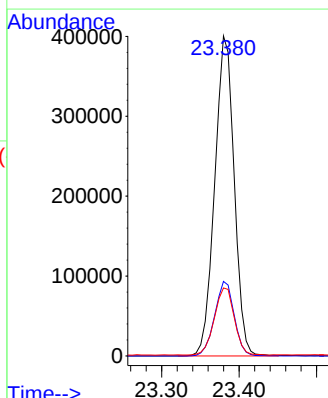
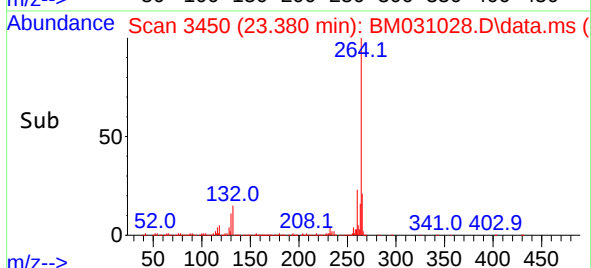
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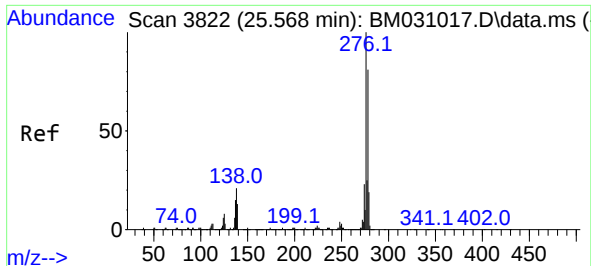


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.380 min Scan# 3450
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23



Tgt Ion:264 Resp: 698911
Ion Ratio Lower Upper
264 100
260 23.3 19.8 29.8
265 21.2 17.7 26.5





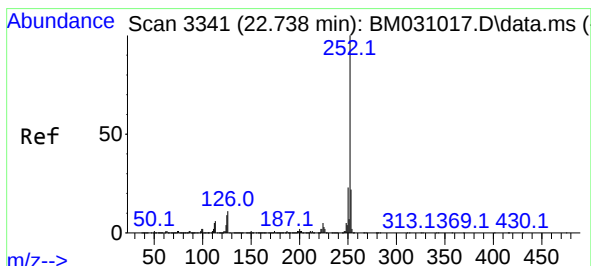
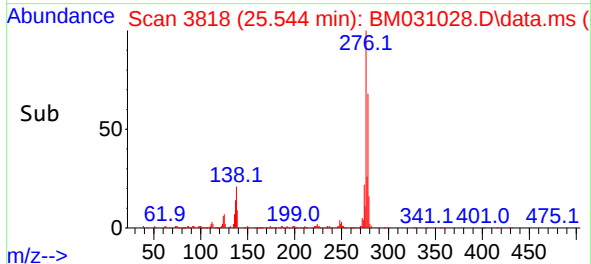
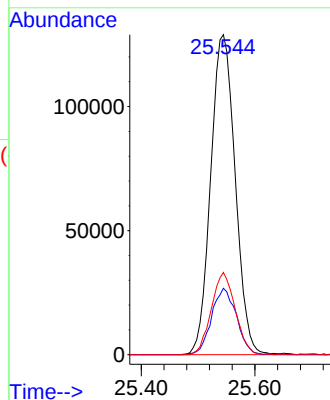
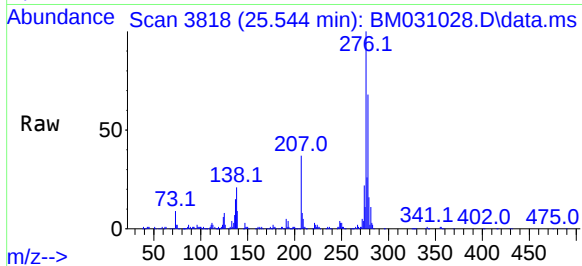
#87
Indeno(1,2,3-cd)pyrene
Concen: 7.729 ng
RT: 25.544 min Scan# 3818
Delta R.T. -0.023 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:	276	Resp:	386029
Ion Ratio	Lower	Upper	
276	100		
138	21.1	17.1	25.7
277	25.1	20.3	30.5

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

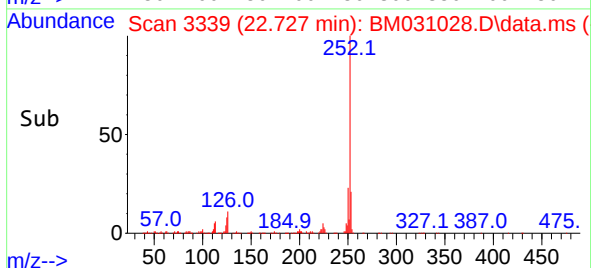
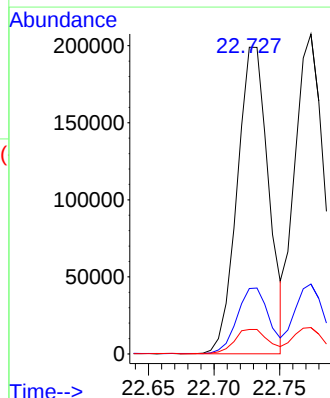
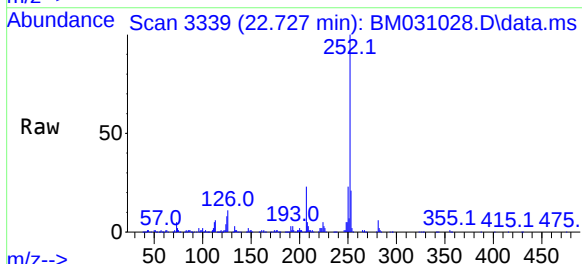
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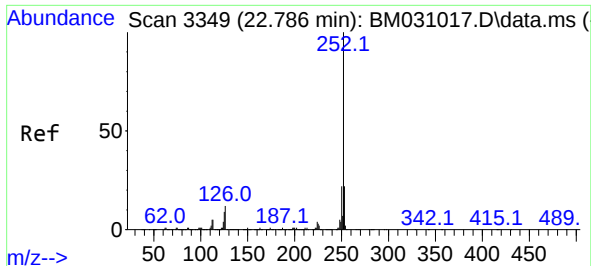
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#88
Benzo(b)fluoranthene
Concen: 7.165 ng
RT: 22.727 min Scan# 3339
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

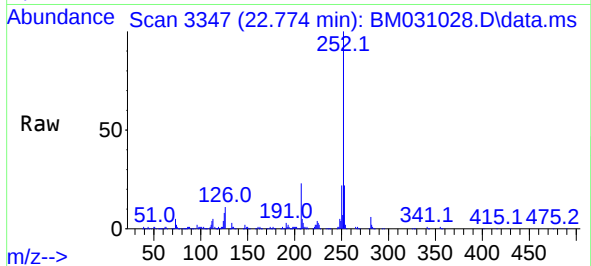
Tgt Ion:	252	Resp:	331817
Ion Ratio	Lower	Upper	
252	100		
253	21.3	17.4	26.0
125	8.0	6.8	10.2





#89
Benzo(k)fluoranthene
Concen: 7.406 ng
RT: 22.774 min Scan# 3347
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

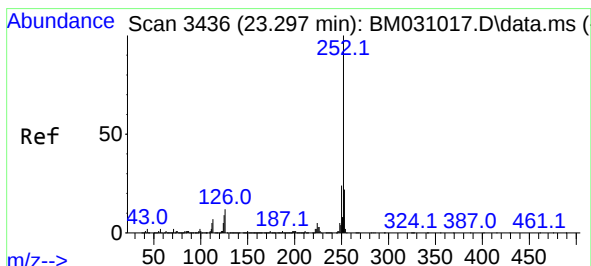
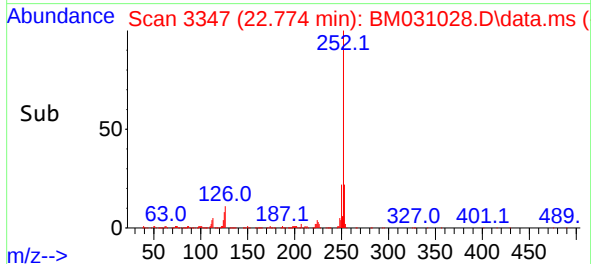
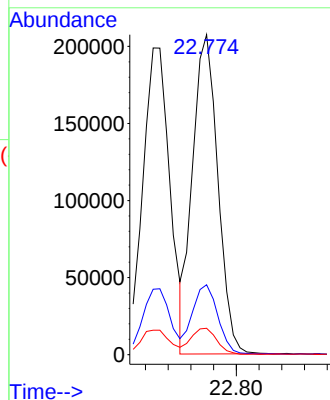
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:252 Resp: 320762
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.2 6.2 9.2

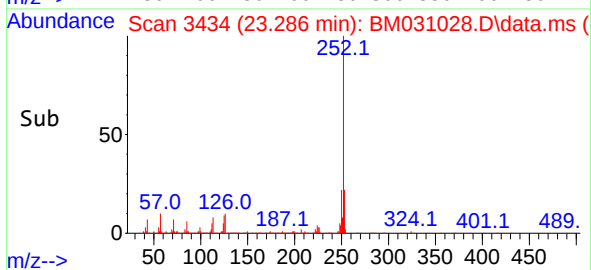
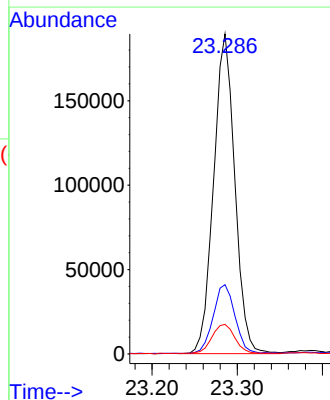
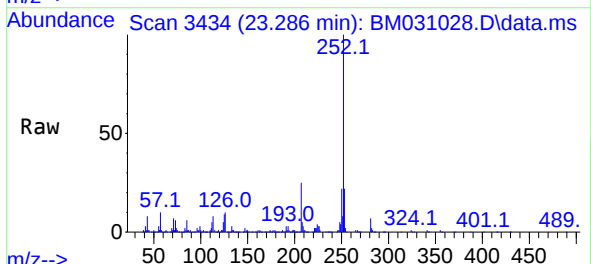
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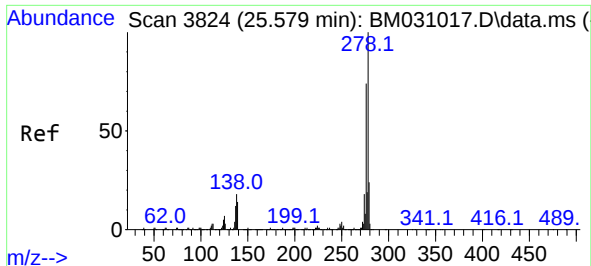
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#90
Benzo(a)pyrene
Concen: 7.854 ng
RT: 23.286 min Scan# 3434
Delta R.T. -0.012 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

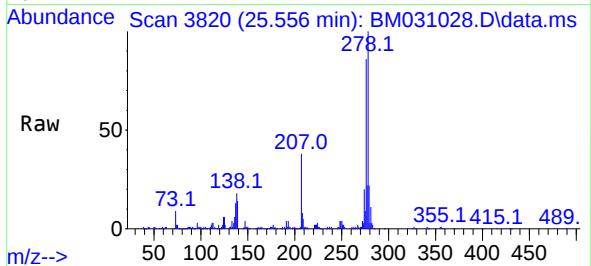
Tgt Ion:252 Resp: 327421
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.2 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 7.543 ng
RT: 25.556 min Scan# 3820
Delta R.T. -0.023 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

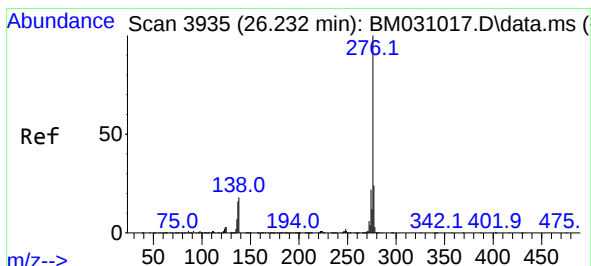
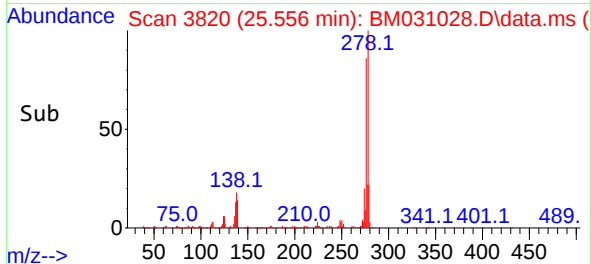
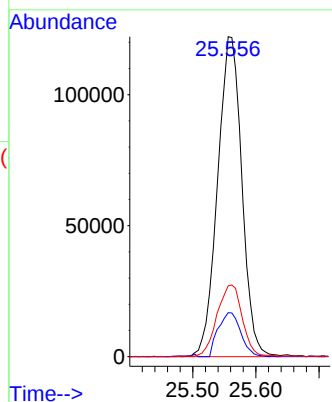
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:278 Resp: 326109
Ion Ratio Lower Upper
278 100
139 13.7 11.0 16.4
279 22.1 18.7 28.1

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#92
Benzo(g,h,i)perylene
Concen: 7.706 ng
RT: 26.203 min Scan# 3930
Delta R.T. -0.029 min
Lab File: BM031028.D
Acq: 20 Jul 2021 18:23

Tgt Ion:276 Resp: 317436
Ion Ratio Lower Upper
276 100
277 24.3 19.4 29.2
138 18.7 14.4 21.6

