

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
 Data File : BM031023.D
 Acq On : 20 Jul 2021 14:38
 Operator : CG/JU
 Sample : M2940-01
 Misc : LOD-MDL-SOIL 4ppm
 ALS Vial : 11 Sample Multiplier: 1

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

Manual Integrations
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 7/21/2021 11:26:30 AM

Quant Time: Jul 20 15:07:07 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	54468	20.000	ng	0.00
21) Naphthalene-d8	10.404	136	234178	20.000	ng	# 0.00
39) Acenaphthene-d10	14.269	164	170786	20.000	ng	0.00
64) Phenanthrene-d10	17.015	188	395531	20.000	ng	0.00
76) Chrysene-d12	21.203	240	485300	20.000	ng	0.00
86) Perylene-d12	23.386	264	564977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	350362	115.507	ng	0.00
7) Phenol-d6	6.822	99	500757	113.883	ng	0.00
23) Nitrobenzene-d5	8.787	82	308699	66.187	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	268502	120.395	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	736238	64.321	ng	0.00
79) Terphenyl-d14	19.656	244	1581396	64.473	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.246	88	5263	4.318	ng	# 94
3) Pyridine	3.634	79	11279	3.271	ng	# 83
4) n-Nitrosodimethylamine	3.546	42	7829	3.995	ng	# 79
6) Aniline	6.981	93	20240	4.287	ng	97
8) 2-Chlorophenol	7.204	128	14112	3.952	ng	97
9) Benzaldehyde	6.793	77	14202m	5.421	ng	
10) Phenol	6.846	94	16323	3.832	ng	87
11) bis(2-Chloroethyl)ether	7.075	93	13041	4.135	ng	96
12) 1,3-Dichlorobenzene	7.528	146	15720	4.049	ng	95
13) 1,4-Dichlorobenzene	7.675	146	17375	4.398	ng	96
14) 1,2-Dichlorobenzene	7.981	146	15560	4.032	ng	96
15) Benzyl Alcohol	7.875	79	14466	3.908	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	16709	4.235	ng	99
17) 2-Methylphenol	8.075	107	11553	3.876	ng	93
18) Hexachloroethane	8.698	117	5920	3.882	ng	92
19) n-Nitroso-di-n-propyla...	8.440	70	11696	3.766	ng	94
20) 3+4-Methylphenols	8.398	107	15685	3.722	ng	96
22) Acetophenone	8.451	105	24454	4.218	ng	# 96
24) Nitrobenzene	8.828	77	20568	4.367	ng	95
25) Isophorone	9.351	82	29708	3.562	ng	98
26) 2-Nitrophenol	9.534	139	7167	3.614	ng	90
27) 2,4-Dimethylphenol	9.592	122	13856	4.435	ng	89
28) bis(2-Chloroethoxy)met...	9.834	93	17892	4.255	ng	93
29) 2,4-Dichlorophenol	10.057	162	12938	3.501	ng	92
30) 1,2,4-Trichlorobenzene	10.269	180	16338	4.026	ng	94
31) Naphthalene	10.457	128	48063	3.989	ng	99
32) Benzoic acid	9.651	122	7472	2.807	ng	87
33) 4-Chloroaniline	10.569	127	20261	3.898	ng	96
34) Hexachlorobutadiene	10.739	225	10169	3.902	ng	96
35) Caprolactam	11.339	113	4166	3.353	ng	85
36) 4-Chloro-3-methylphenol	11.692	107	15035	3.565	ng	95
37) 2-Methylnaphthalene	12.069	142	35579	3.831	ng	95
38) 1-Methylnaphthalene	12.292	142	33159	3.749	ng	# 95
40) 1,2,4,5-Tetrachloroben...	12.439	216	19508	4.100	ng	96
41) Hexachlorocyclopentadiene	12.422	237	12711	4.802	ng	98
43) 2,4,6-Trichlorophenol	12.686	196	11745	3.514	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	13740	3.713	ng	94
46) 1,1'-Biphenyl	13.098	154	49047	4.050	ng	99
47) 2-Chloronaphthalene	13.133	162	38003	4.007	ng	94
48) 2-Nitroaniline	13.345	65	10161	3.362	ng	93
49) Acenaphthylene	13.986	152	57127	3.768	ng	98
50) Dimethylphthalate	13.733	163	48888	3.816	ng	98
51) 2,6-Dinitrotoluene	13.851	165	10162	3.541	ng	# 80
52) Acenaphthene	14.333	154	36671	3.844	ng	96
53) 3-Nitroaniline	14.174	138	9738	3.359	ng	98
54) 2,4-Dinitrophenol	14.386	184	4868	2.877	ng	# 87
55) Dibenzofuran	14.669	168	60594	3.872	ng	92
56) 4-Nitrophenol	14.486	139	8392	3.273	ng	# 84
57) 2,4-Dinitrotoluene	14.639	165	13250	3.316	ng	# 79
58) Fluorene	15.321	166	48228	3.654	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.898	232	11610	3.367	ng	# 91
60) Diethylphthalate	15.110	149	52761	3.842	ng	95
61) 4-Chlorophenyl-phenyle...	15.321	204	25991	3.976	ng	# 88
62) 4-Nitroaniline	15.345	138	10740	3.358	ng	86
63) Azobenzene	15.616	77	49578	3.627	ng	92
65) 4,6-Dinitro-2-methylph...	15.398	198	7216	2.909	ng	82
66) n-Nitrosodiphenylamine	15.539	169	43036	3.702	ng	95
67) 4-Bromophenyl-phenylether	16.216	248	15053	3.678	ng	# 86
68) Hexachlorobenzene	16.321	284	17951	3.893	ng	93
69) Atrazine	16.492	200	16629	3.896	ng	91
70) Pentachlorophenol	16.663	266	10264	3.404	ng	92
71) Phenanthrene	17.057	178	84693	3.867	ng	97
72) Anthracene	17.145	178	83799	3.880	ng	99
73) Carbazole	17.421	167	75761	3.543	ng	98
74) Di-n-butylphthalate	17.998	149	87660	3.490	ng	# 97
75) Fluoranthene	19.074	202	100696	3.674	ng	98
77) Benzidine	19.268	184	49942	4.168	ng	98
78) Pyrene	19.439	202	106405	3.511	ng	99
80) Butylbenzylphthalate	20.356	149	42411	3.278	ng	96
81) Benzo(a)anthracene	21.192	228	117835	3.664	ng	97
82) 3,3'-Dichlorobenzidine	21.133	252	41087	4.660	ng	96
83) Chrysene	21.239	228	117880	3.773	ng	99
84) Bis(2-ethylhexyl)phtha...	21.139	149	66205	3.302	ng	# 95
85) Di-n-octyl phthalate	22.009	149	117519	3.423	ng	98
87) Indeno(1,2,3-cd)pyrene	25.544	276	161321	3.996	ng	99
88) Benzo(b)fluoranthene	22.733	252	133237	3.559	ng	97
89) Benzo(k)fluoranthene	22.780	252	129918	3.711	ng	99
90) Benzo(a)pyrene	23.292	252	131722	3.909	ng	98
91) Dibenzo(a,h)anthracene	25.562	278	135734	3.884	ng	97
92) Benzo(g,h,i)perylene	26.209	276	135920	4.082	ng	97

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

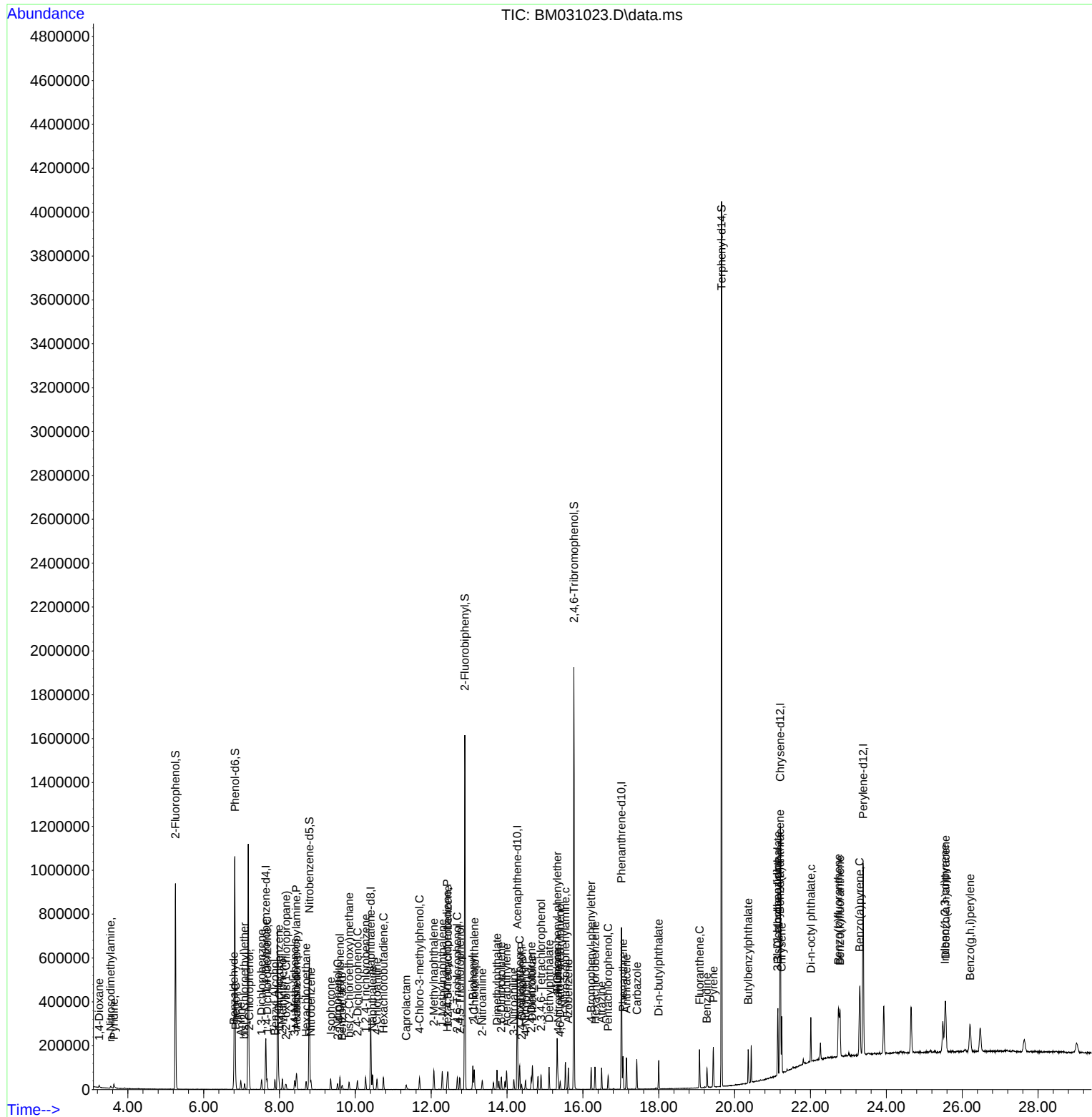
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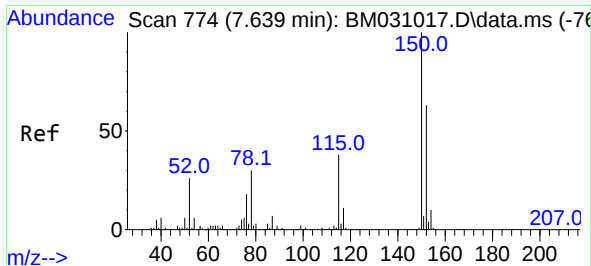
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LOD-MDL-SOIL-01-QT3-2021

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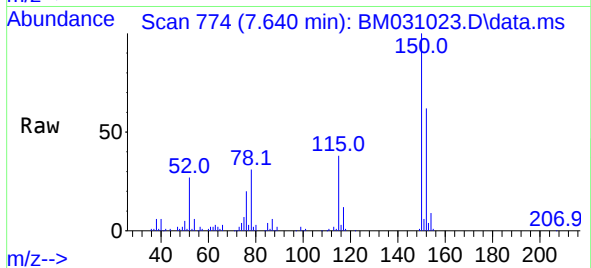
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.640 min Scan# 774
Delta R.T. 0.001 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

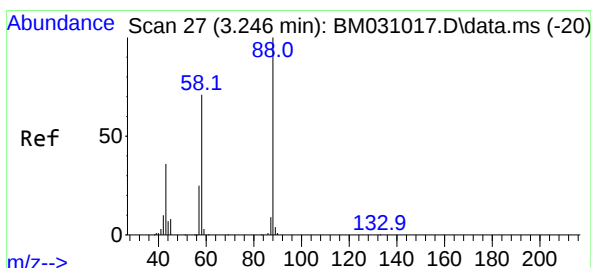
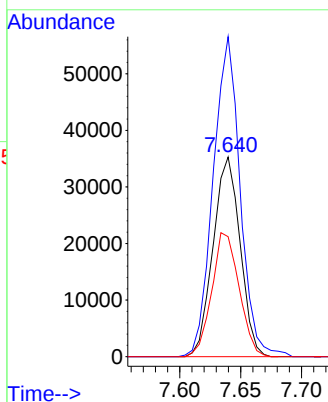
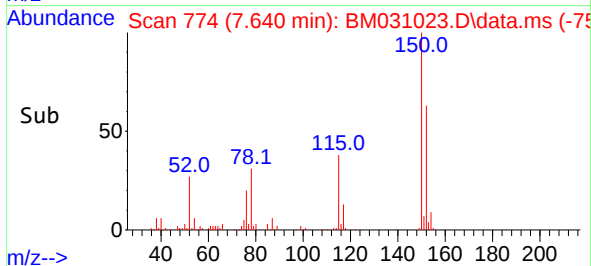
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



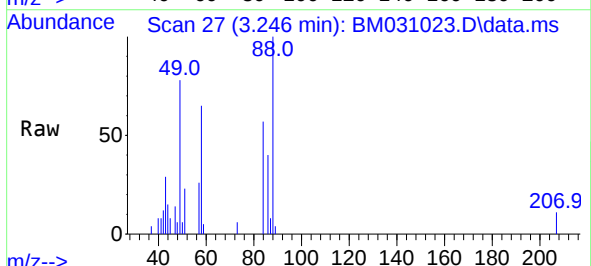
Tgt Ion:152 Resp: 54468
Ion Ratio Lower Upper
152 100
150 160.3 125.9 188.9
115 60.1 44.6 67.0

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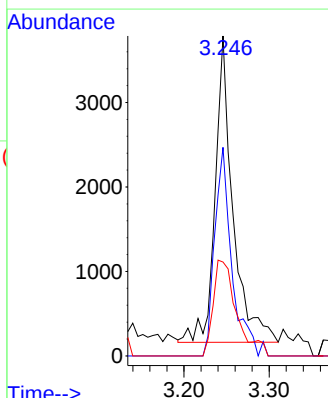
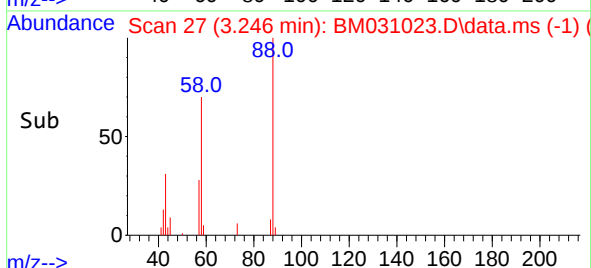
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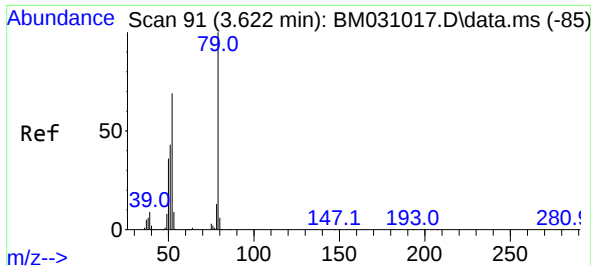


#2
1,4-Dioxane
Concen: 4.318 ng
RT: 3.246 min Scan# 27
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion: 88 Resp: 5263
Ion Ratio Lower Upper
88 100
58 66.1 53.6 80.4
43 41.0 25.8 38.6#





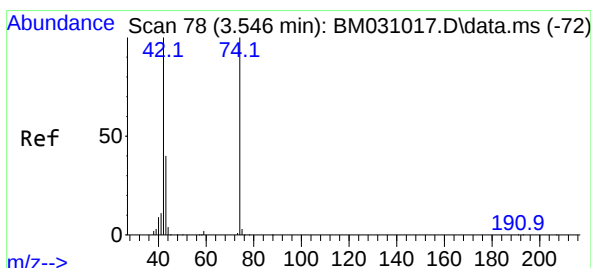
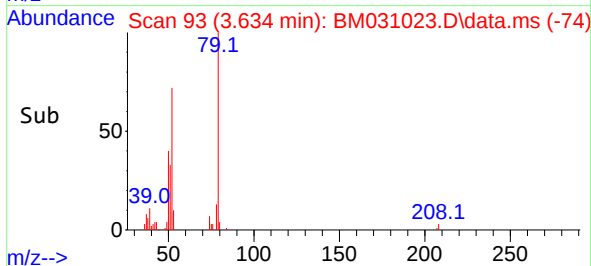
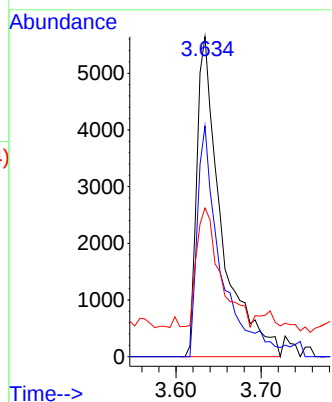
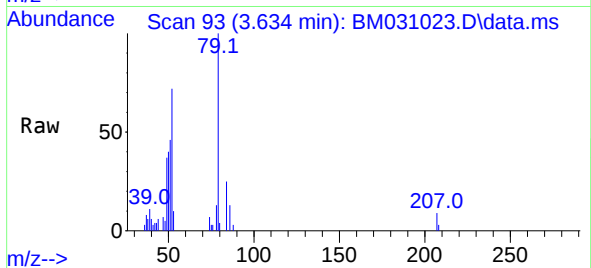
#3
Pyridine
Concen: 3.271 ng
RT: 3.634 min Scan# 93
Delta R.T. 0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion: 79 Resp: 11279
Ion Ratio Lower Upper
79 100
52 72.0 48.2 72.2
51 46.4 27.9 41.9#

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ClientSampleId :
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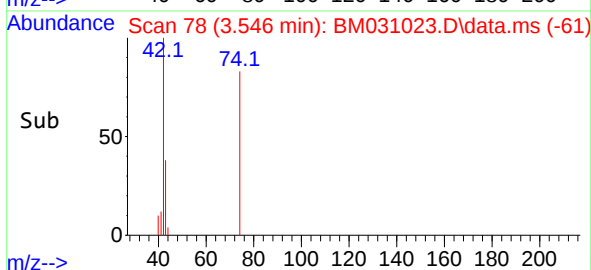
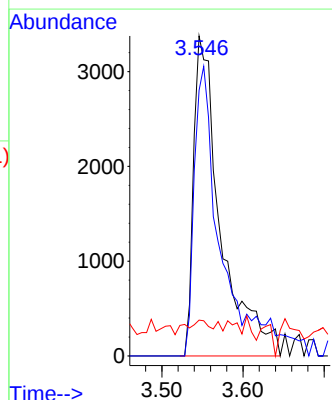
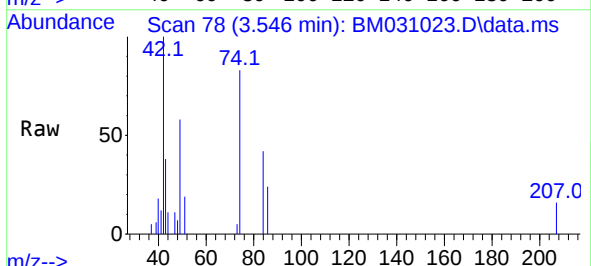
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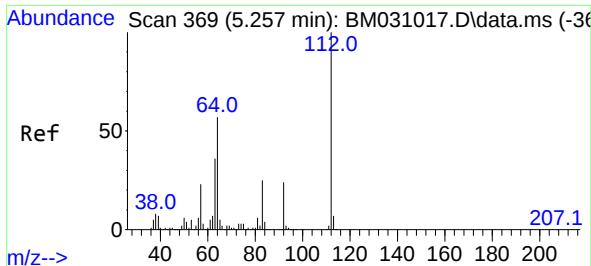
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#4
n-Nitrosodimethylamine
Concen: 3.995 ng
RT: 3.546 min Scan# 78
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

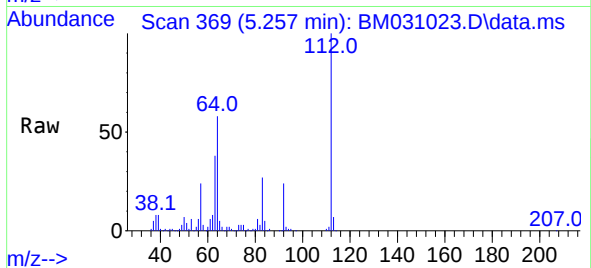
Tgt Ion: 42 Resp: 7829
Ion Ratio Lower Upper
42 100
74 83.0 84.1 126.1#
44 11.2 4.5 6.7#





#5
2-Fluorophenol
Concen: 115.507 ng
RT: 5.257 min Scan# 369
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

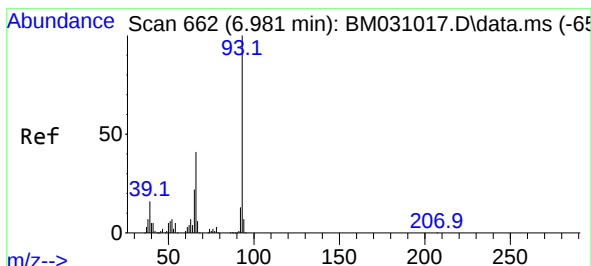
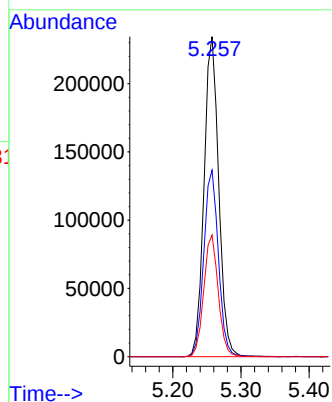
Instrument :
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ClientSampleId :
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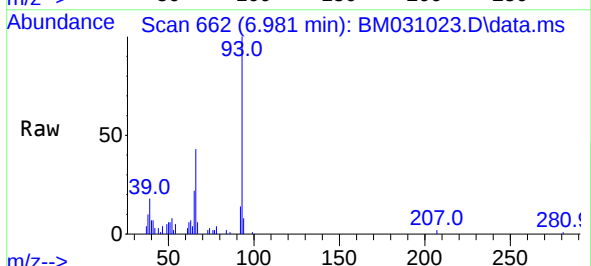
Tgt Ion:	112	Resp:	350362
Ion Ratio	Lower	Upper	
112	100		
64	58.3	47.1	70.7
63	38.0	27.3	40.9

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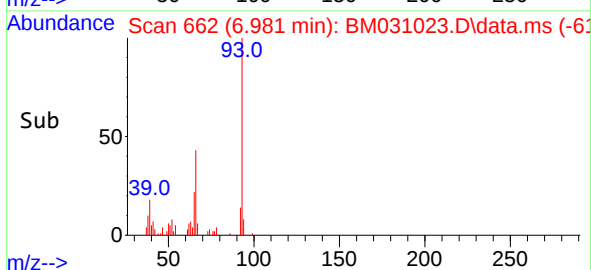
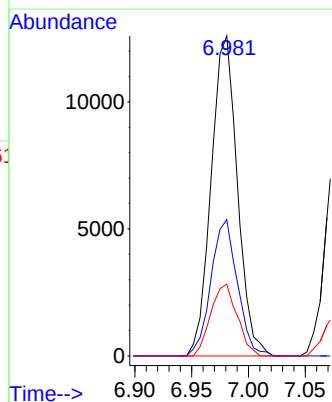
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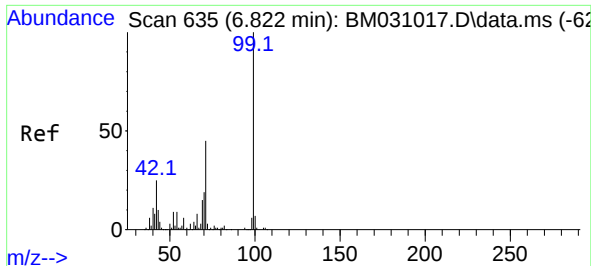


#6
Aniline
Concen: 4.287 ng
RT: 6.981 min Scan# 662
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion:	93	Resp:	20240
Ion Ratio	Lower	Upper	
93	100		
66	42.6	32.7	49.1
65	22.5	16.8	25.2





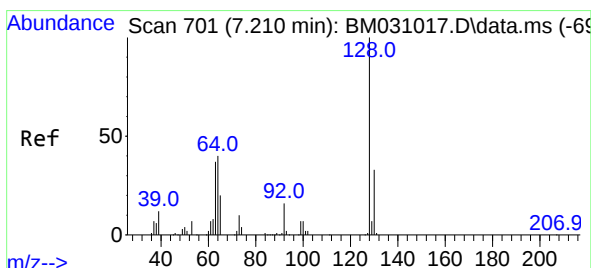
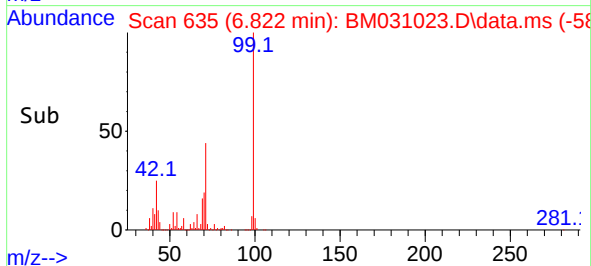
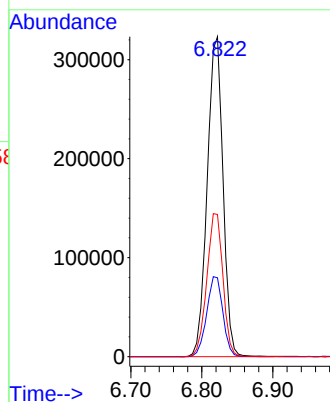
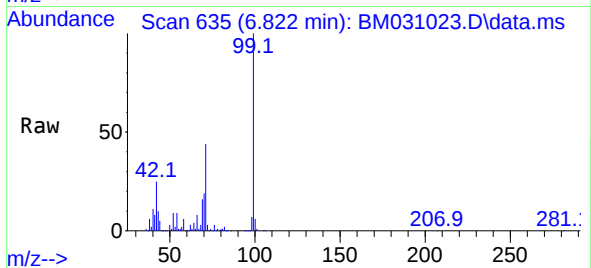
#7
Phenol-d6
Concen: 113.883 ng
RT: 6.822 min Scan# 635
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	99	Resp:	500757
Ion	Ratio	Lower	Upper
99	100		
42	24.6	18.0	27.0
71	44.4	30.9	46.3

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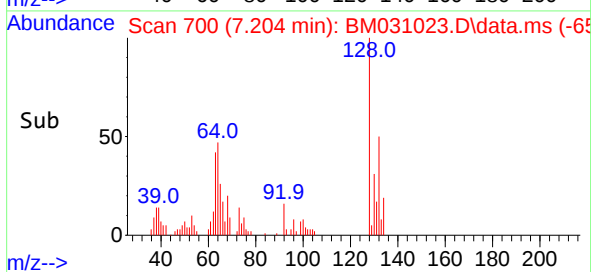
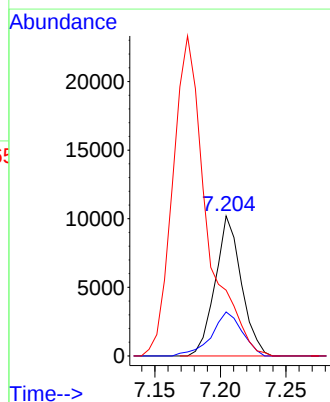
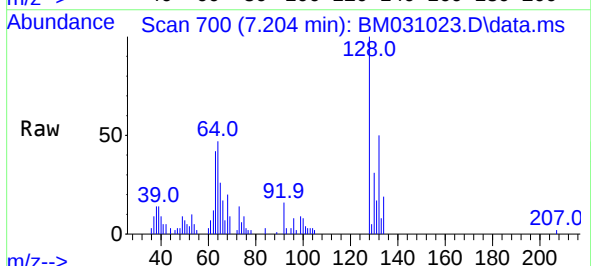
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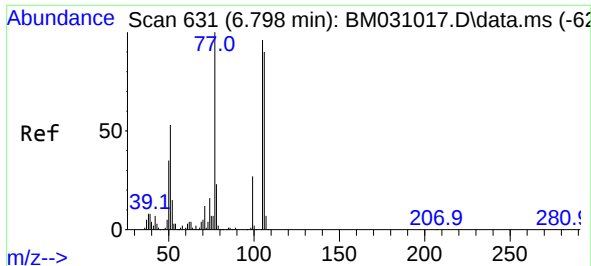
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#8
2-Chlorophenol
Concen: 3.952 ng
RT: 7.204 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

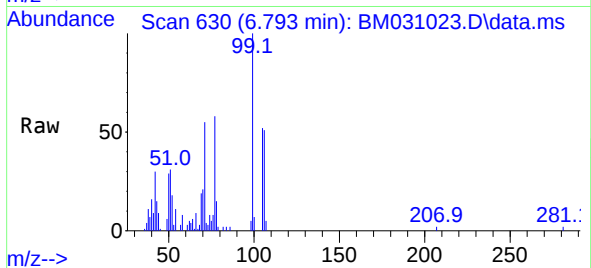
Tgt Ion:	128	Resp:	14112
Ion	Ratio	Lower	Upper
128	100		
130	31.4	13.5	53.5
64	46.9	25.7	65.7





#9
Benzaldehyde
Concen: 5.421 ng m
RT: 6.793 min Scan# 630
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

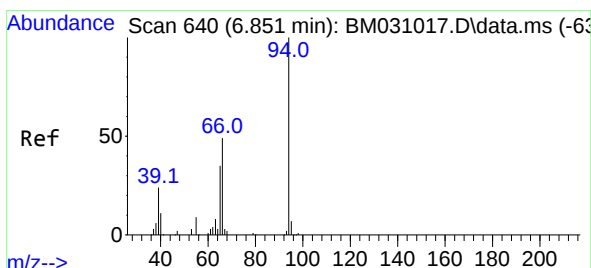
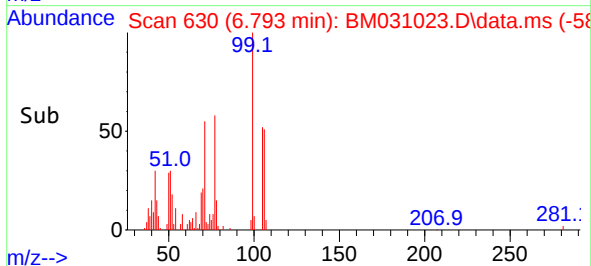
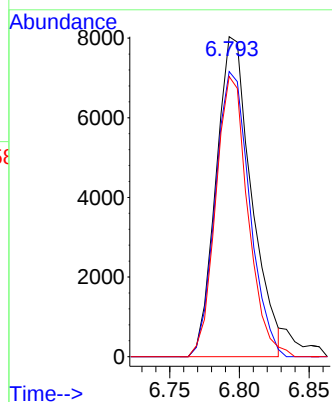
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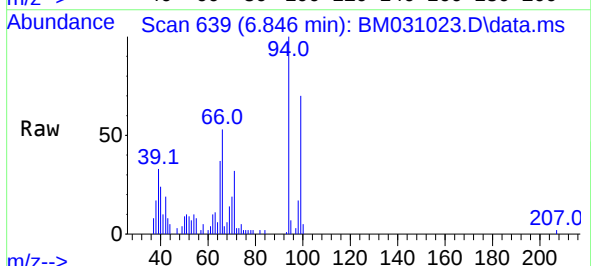
Tgt Ion: 77 Resp: 14202
Ion Ratio Lower Upper
77 100
105 89.1 71.2 111.2
106 87.5 68.6 108.6

Manual Integrations
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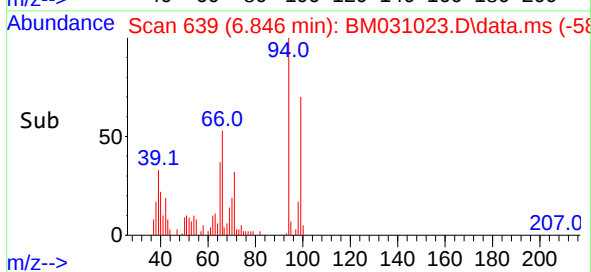
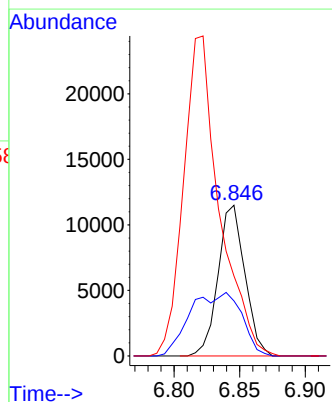
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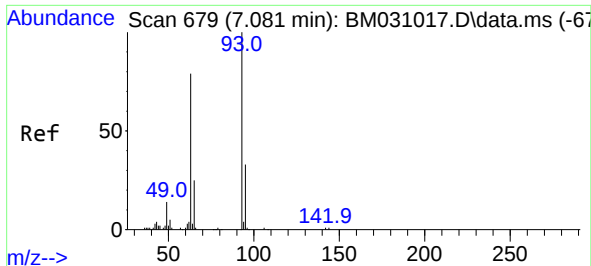


#10
Phenol
Concen: 3.832 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

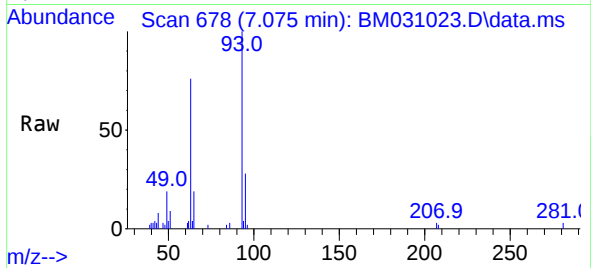


Tgt Ion: 94 Resp: 16323
Ion Ratio Lower Upper
94 100
65 36.6 11.9 51.9
66 53.1 22.6 62.6

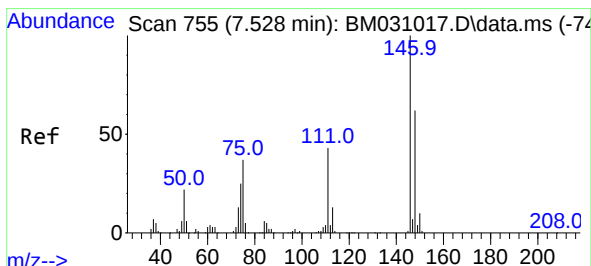
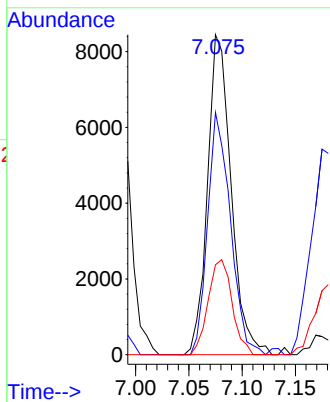
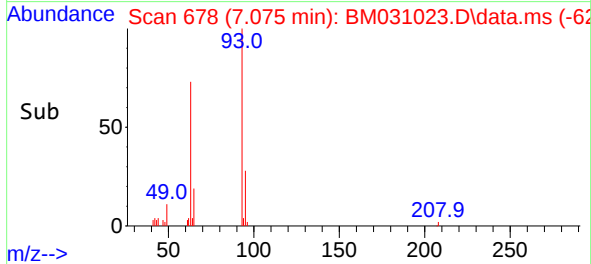




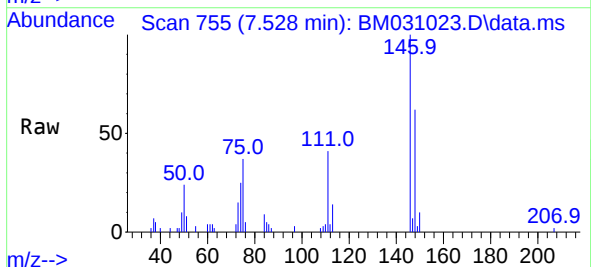
#11
bis(2-Chloroethyl)ether
Concen: 4.135 ng
RT: 7.075 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



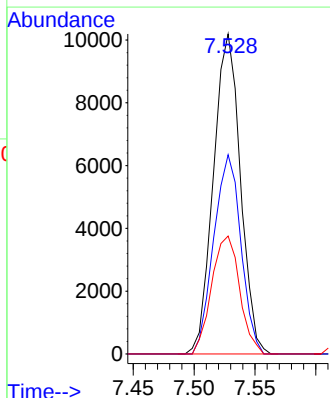
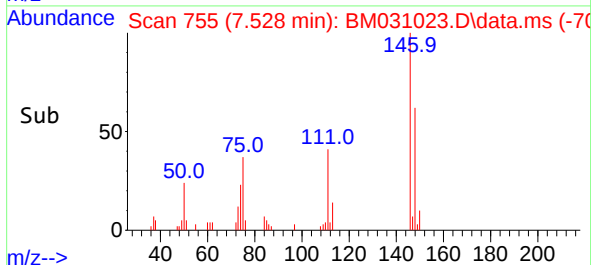
Tgt Ion: 93 Resp: 13041
Ion Ratio Lower Upper
93 100
63 75.7 54.3 94.3
95 28.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 4.049 ng
RT: 7.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



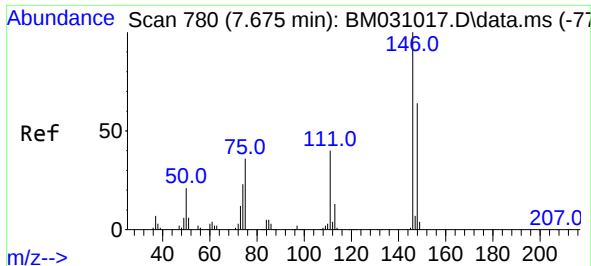
Tgt Ion: 146 Resp: 15720
Ion Ratio Lower Upper
146 100
148 62.3 52.2 78.4
75 36.9 25.8 38.8



Instrument :
BNA_M
ClientSampleId :
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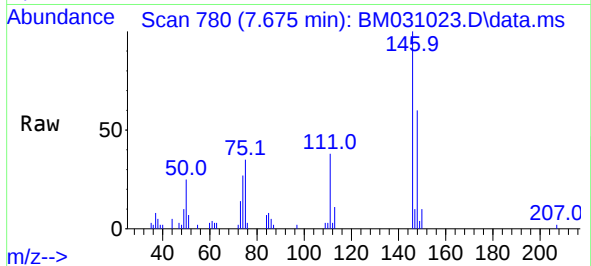
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#13
1,4-Dichlorobenzene
Concen: 4.398 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

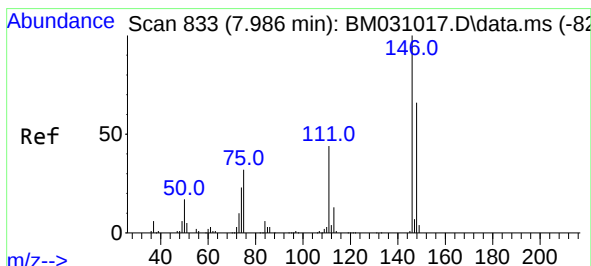
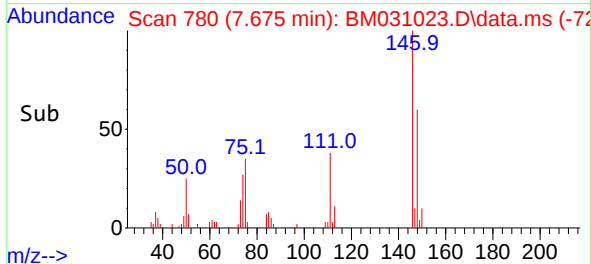
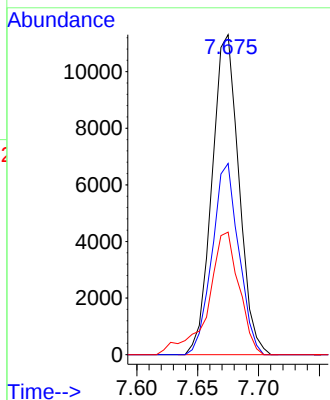
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:146 Resp: 17375
Ion Ratio Lower Upper
146 100
148 59.7 51.8 77.8
111 38.3 31.0 46.6

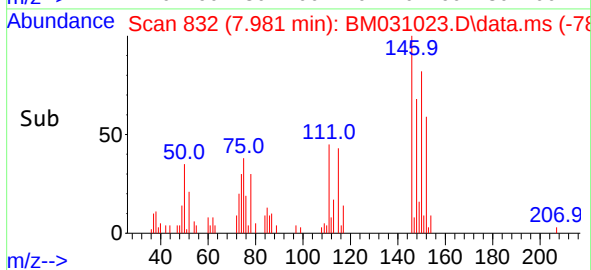
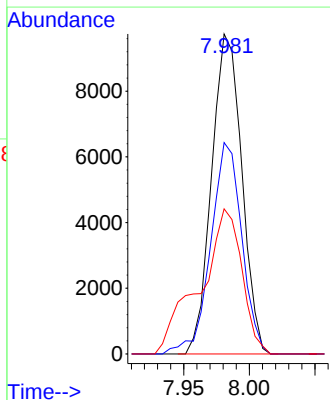
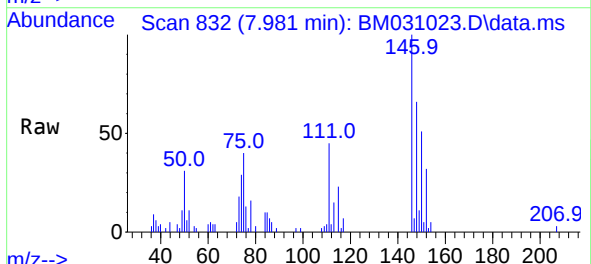
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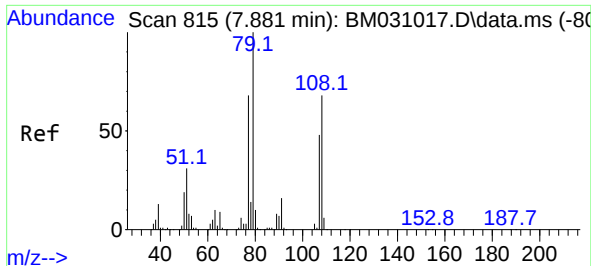
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#14
1,2-Dichlorobenzene
Concen: 4.032 ng
RT: 7.981 min Scan# 832
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

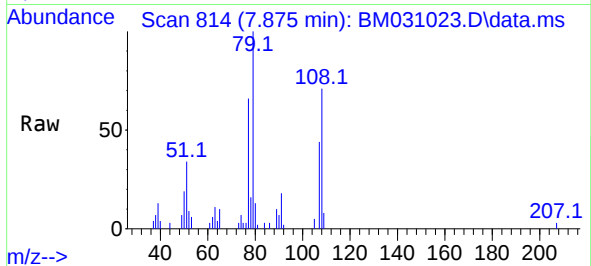
Tgt Ion:146 Resp: 15560
Ion Ratio Lower Upper
146 100
148 66.1 51.7 77.5
111 45.4 32.6 49.0





#15
Benzyl Alcohol
Concen: 3.908 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

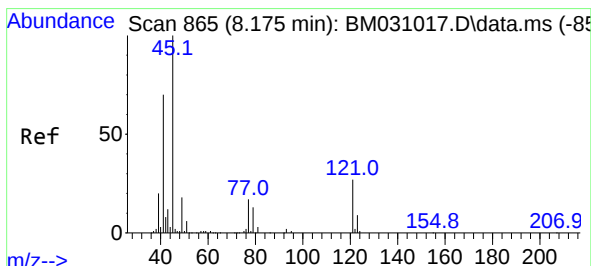
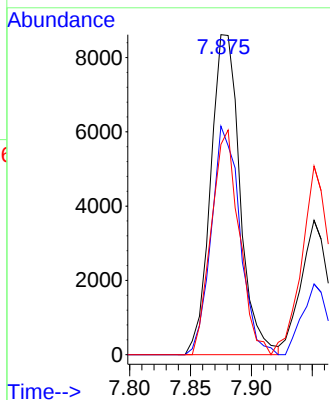
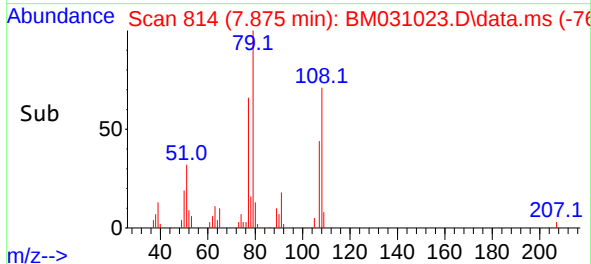
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



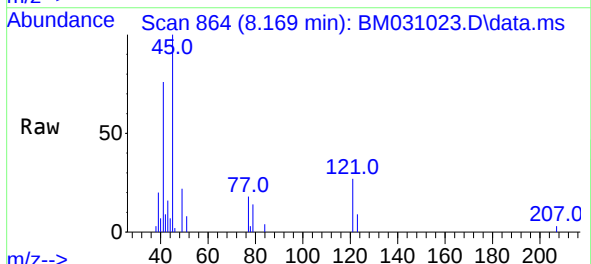
Tgt Ion:	79	Resp:	14466
Ion	Ratio	Lower	Upper
79	100		
108	71.4	57.0	85.4
77	65.7	54.6	81.8

Manual Integrations
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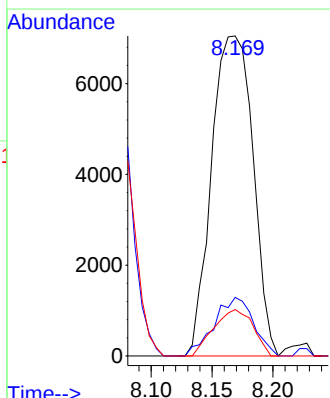
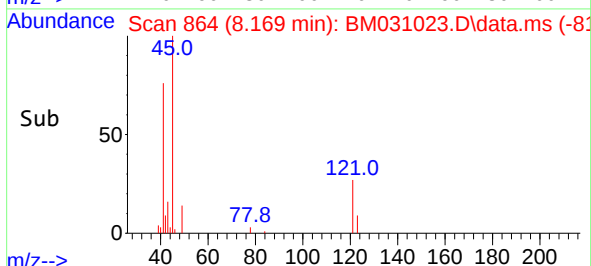
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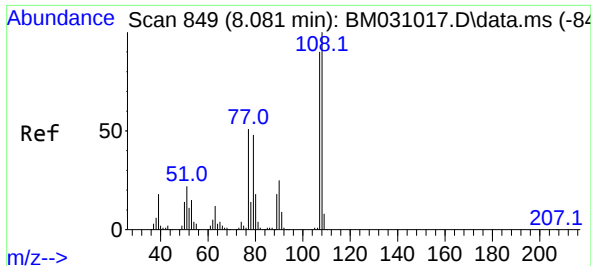


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.235 ng
RT: 8.169 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



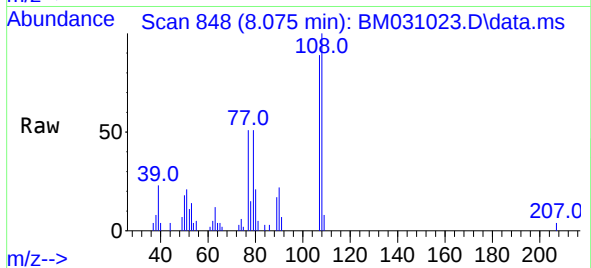
Tgt Ion:	45	Resp:	16709
Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	38.0
79	14.5	0.0	34.1





#17
2-Methylphenol
Concen: 3.876 ng
RT: 8.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

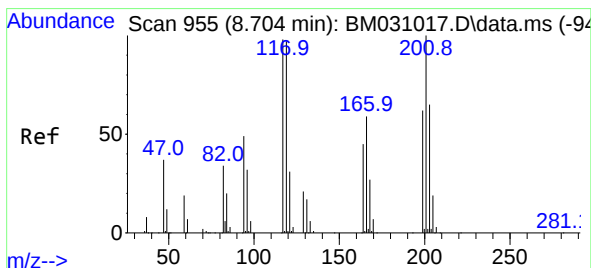
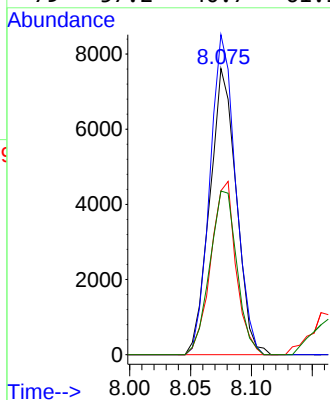
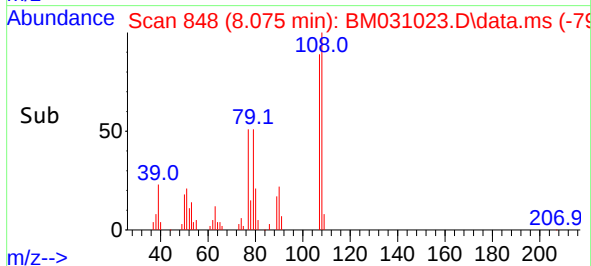
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



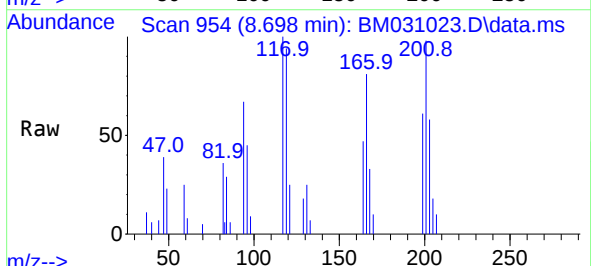
Tgt Ion:	107	Resp:	11553
Ion	Ratio	Lower	Upper
107	100		
108	111.8	85.0	127.6
77	57.2	41.3	61.9
79	57.2	40.7	61.1

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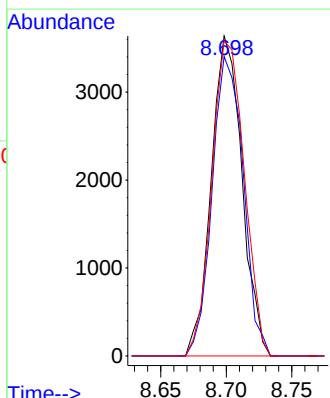
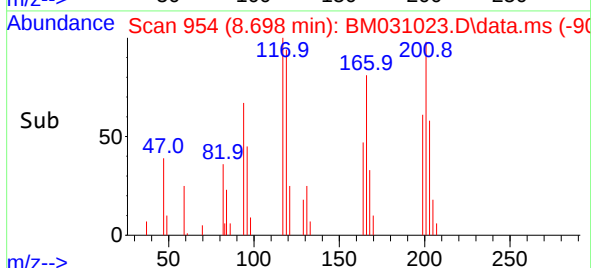
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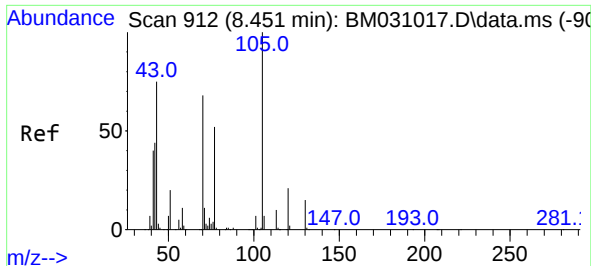


#18
Hexachloroethane
Concen: 3.882 ng
RT: 8.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion:	117	Resp:	5920
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.2	114.2
201	98.4	89.8	134.6





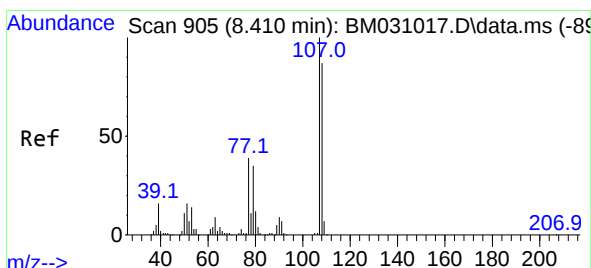
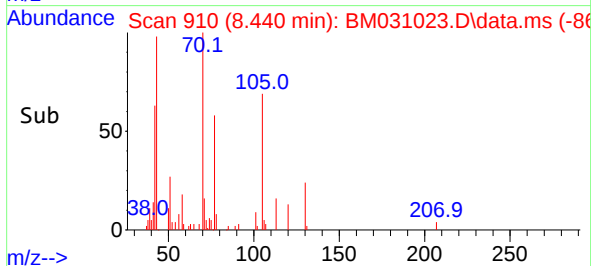
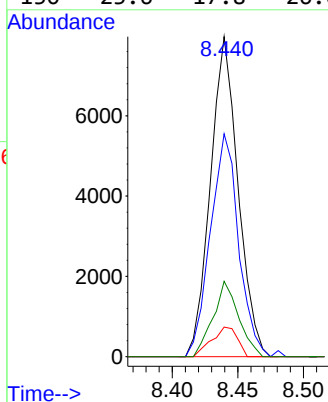
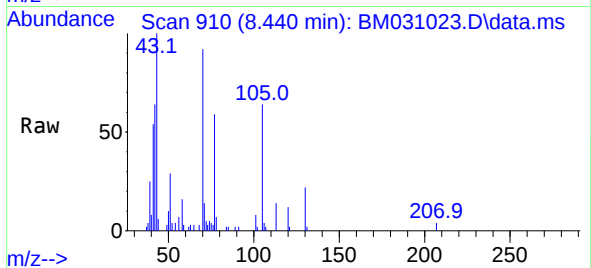
#19
n-Nitroso-di-n-propylamine
Concen: 3.766 ng
RT: 8.440 min Scan# 910
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	70	Resp:	11696
Ion	Ratio	Lower	Upper
70	100		
42	69.6	51.4	77.0
101	9.2	8.1	12.1
130	23.6	17.8	26.6

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

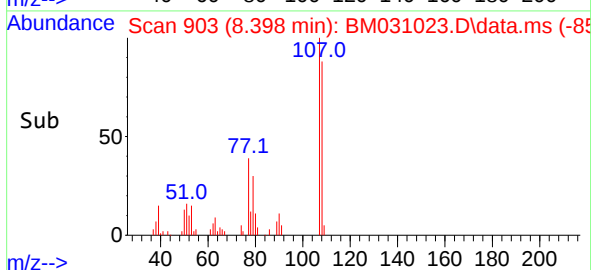
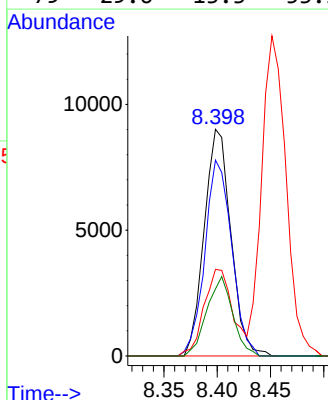
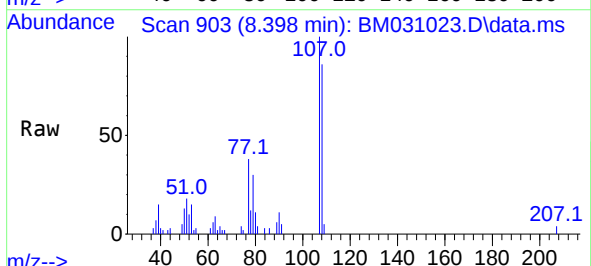
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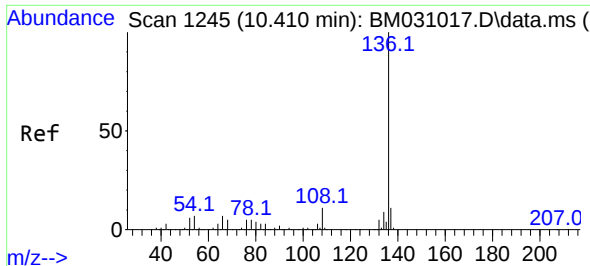
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#20
3+4-Methylphenols
Concen: 3.722 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

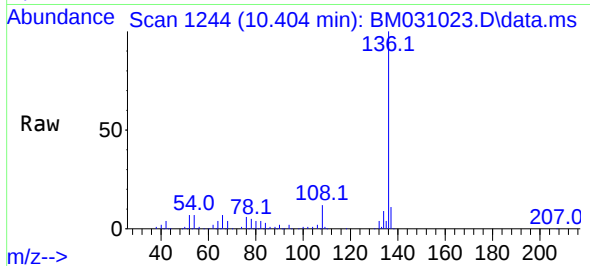
Tgt Ion:	107	Resp:	15685
Ion	Ratio	Lower	Upper
107	100		
108	86.4	69.9	109.9
77	38.2	17.3	57.3
79	29.6	13.3	53.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.404 min Scan# 1244
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

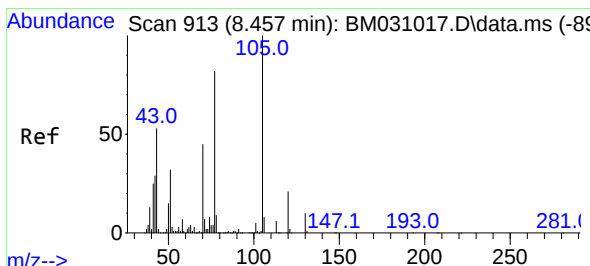
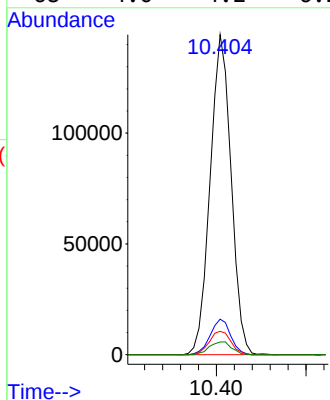
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



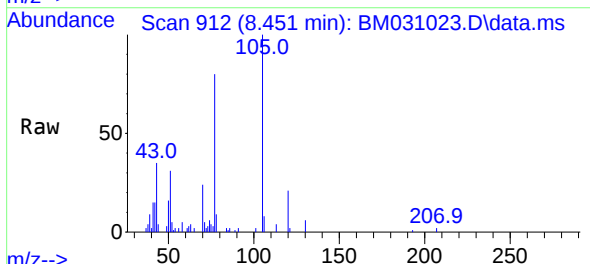
Tgt Ion:136 Resp: 234178
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.3 5.5 8.3
68 4.0 4.2 6.2#

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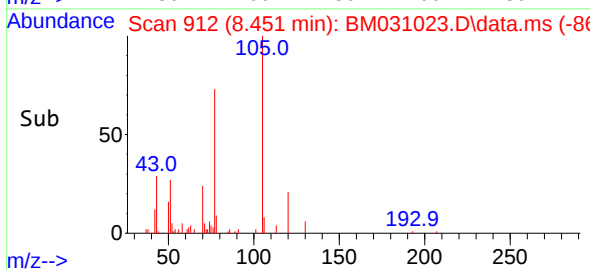
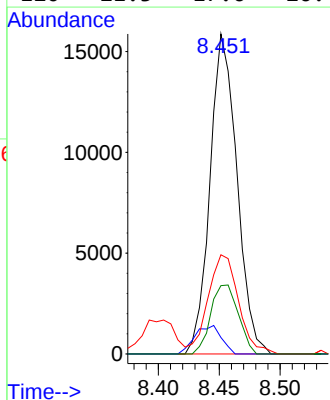
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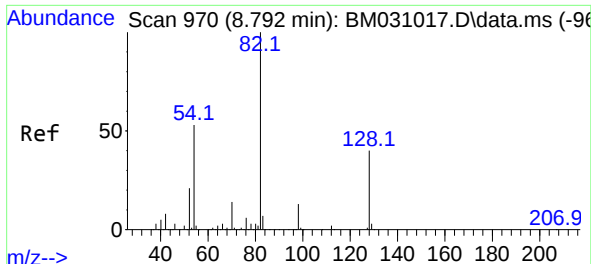


#22
Acetophenone
Concen: 4.218 ng
RT: 8.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



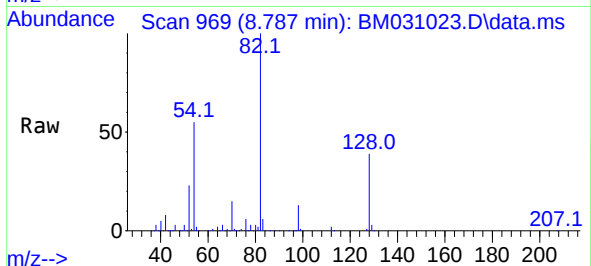
Tgt Ion:105 Resp: 24454
Ion Ratio Lower Upper
105 100
71 5.2 3.4 5.0#
51 31.0 22.2 33.4
120 21.3 17.6 26.4





#23
Nitrobenzene-d5
Concen: 66.187 ng
RT: 8.787 min Scan# 969
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

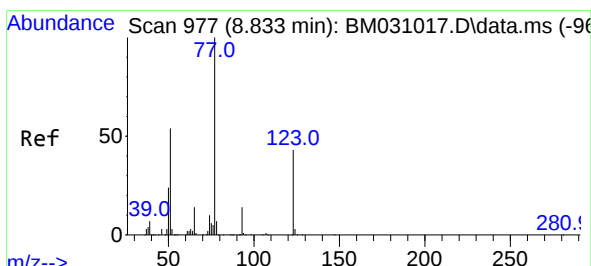
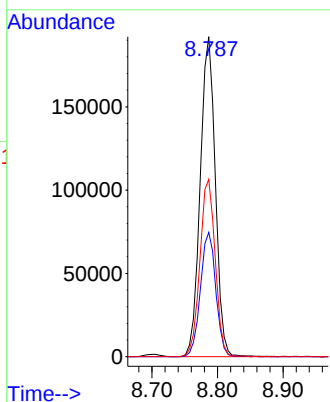
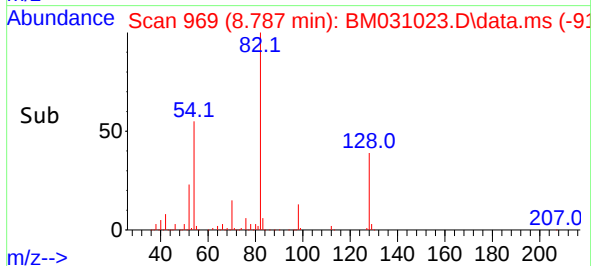
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



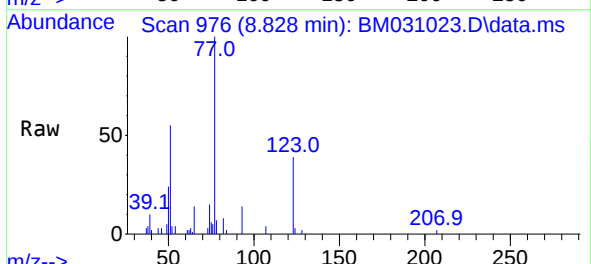
Tgt Ion: 82 Resp: 308699
Ion Ratio Lower Upper
82 100
128 38.9 31.1 46.7
54 55.4 37.3 55.9

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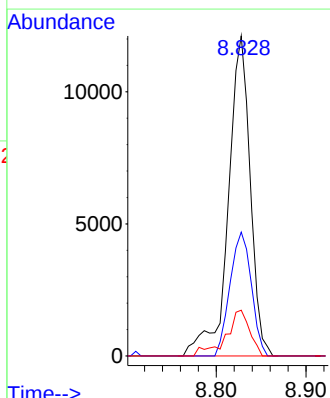
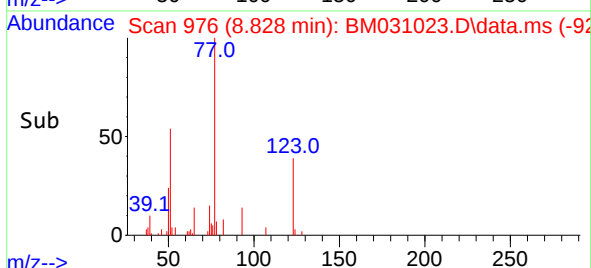
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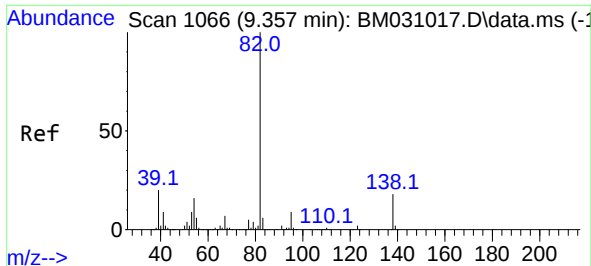


#24
Nitrobenzene
Concen: 4.367 ng
RT: 8.828 min Scan# 976
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



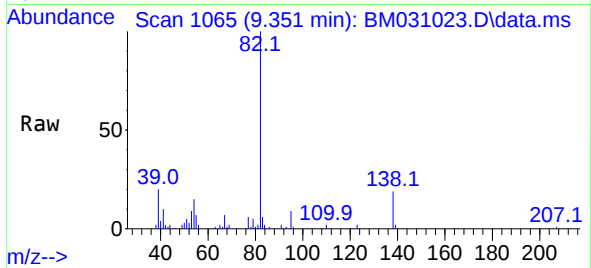
Tgt Ion: 77 Resp: 20568
Ion Ratio Lower Upper
77 100
123 38.7 34.0 51.0
65 14.3 11.0 16.4





#25
Isophorone
Concen: 3.562 ng
RT: 9.351 min Scan# 1065
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

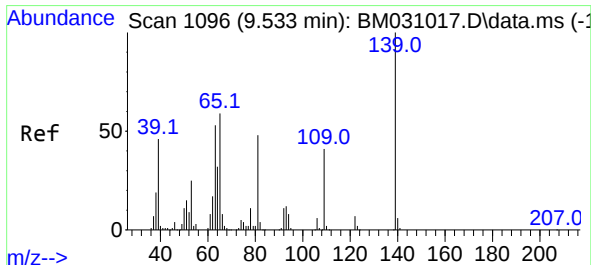
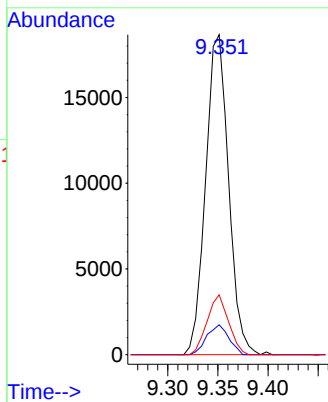
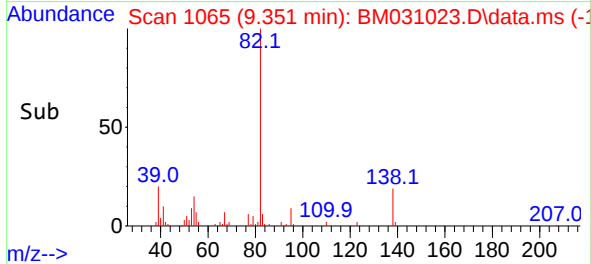
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



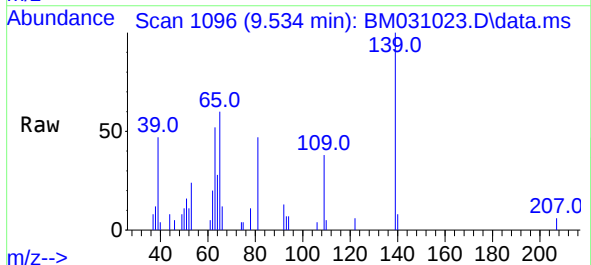
Tgt Ion: 82 Resp: 29708
Ion Ratio Lower Upper
82 100
95 9.3 6.3 9.5
138 18.7 14.5 21.7

Manual Integrations
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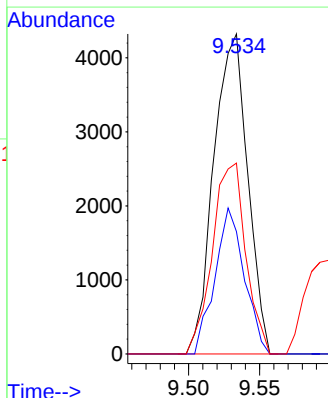
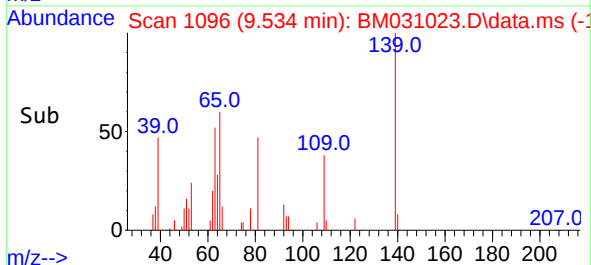
mohammad
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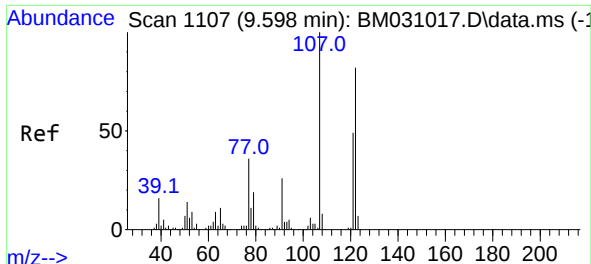


#26
2-Nitrophenol
Concen: 3.614 ng
RT: 9.534 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

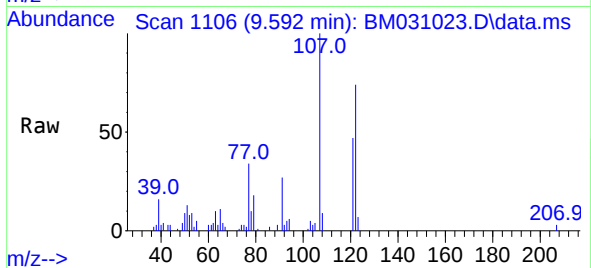


Tgt Ion: 139 Resp: 7167
Ion Ratio Lower Upper
139 100
109 38.3 26.7 40.1
65 59.6 41.9 62.9

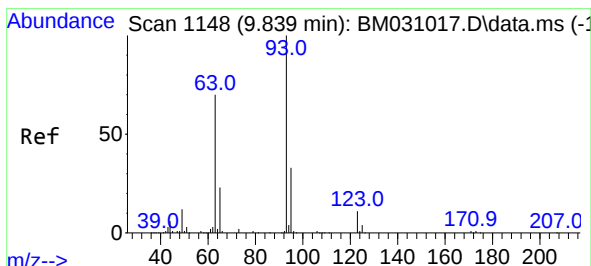
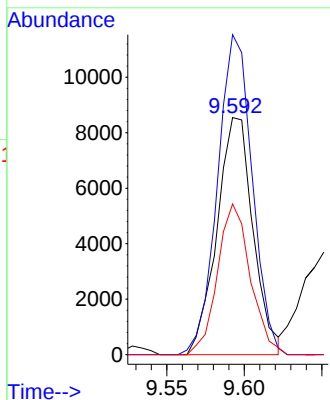
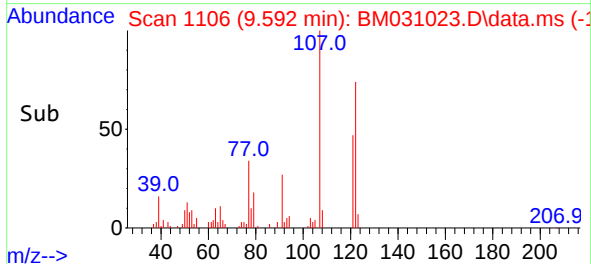




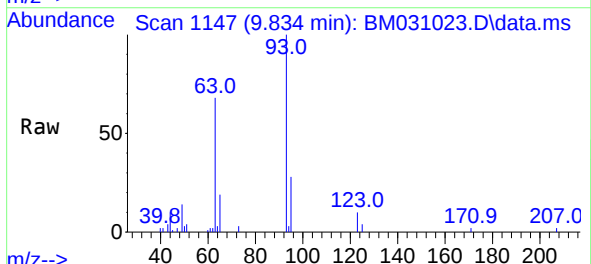
#27
2,4-Dimethylphenol
Concen: 4.435 ng
RT: 9.592 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



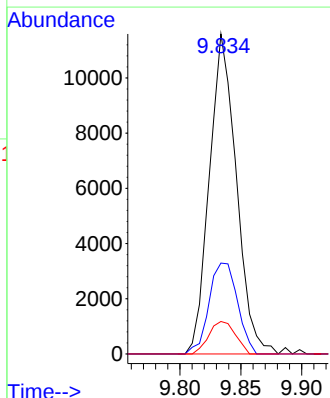
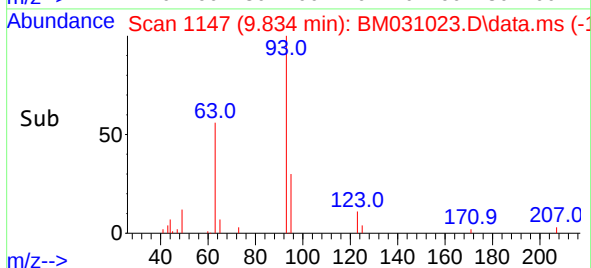
Tgt Ion:122 Resp: 13856
Ion Ratio Lower Upper
122 100
107 134.9 95.0 142.6
121 63.5 48.1 72.1



#28
bis(2-Chloroethoxy)methane
Concen: 4.255 ng
RT: 9.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



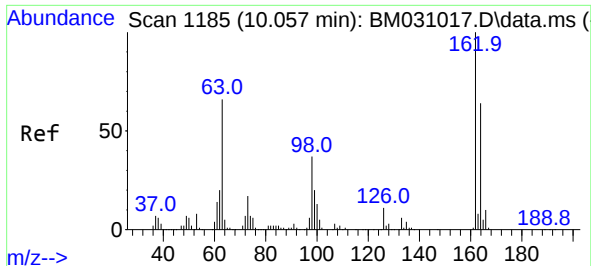
Tgt Ion: 93 Resp: 17892
Ion Ratio Lower Upper
93 100
95 28.4 26.2 39.2
123 10.1 9.3 13.9



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

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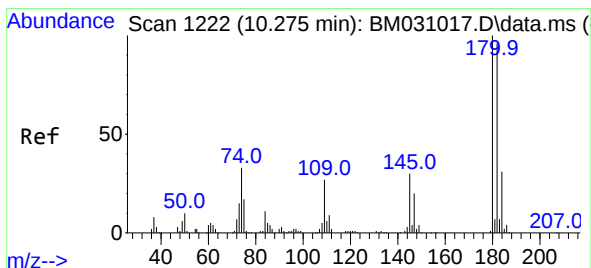
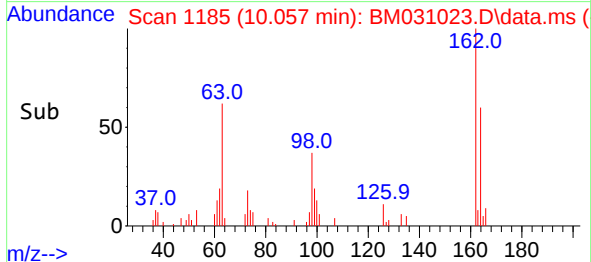
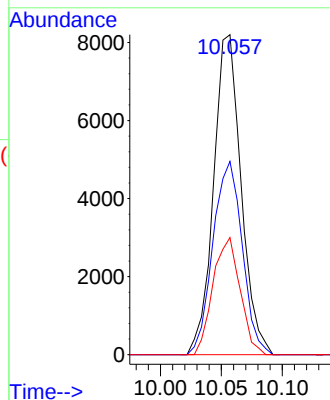
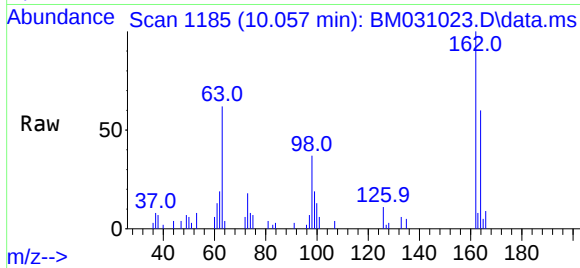
#29
2,4-Dichlorophenol
Concen: 3.501 ng
RT: 10.057 min Scan# 1185
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	162	Resp:	12938
Ion Ratio	Lower	Upper	
162	100		
164	60.4	46.5	86.5
98	36.6	12.1	52.1

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

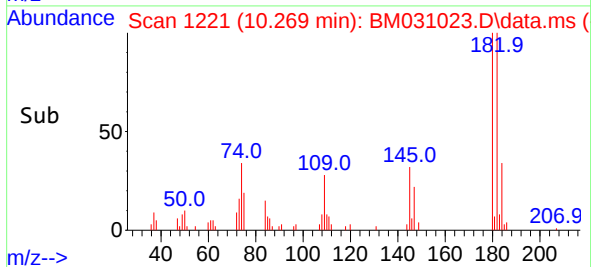
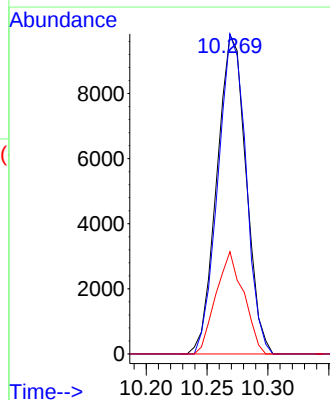
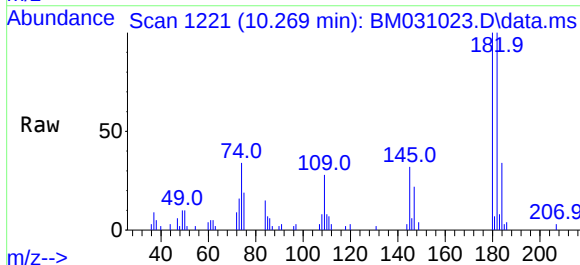
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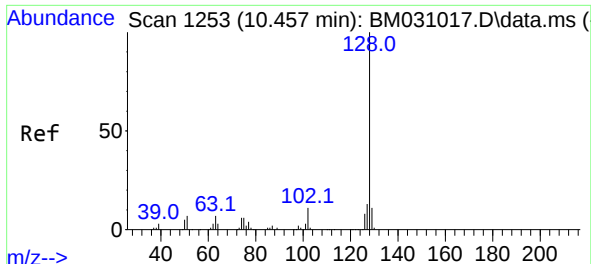
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#30
1,2,4-Trichlorobenzene
Concen: 4.026 ng
RT: 10.269 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

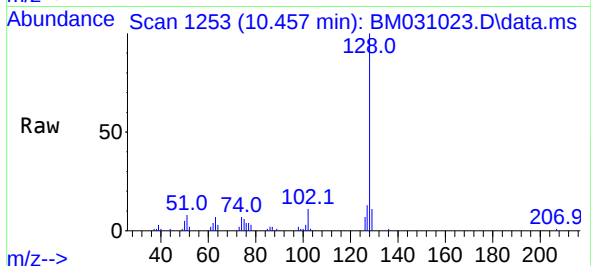
Tgt Ion:	180	Resp:	16338
Ion Ratio	Lower	Upper	
180	100		
182	100.3	76.3	114.5
145	32.0	22.3	33.5





#31
Naphthalene
Concen: 3.989 ng
RT: 10.457 min Scan# 1253
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

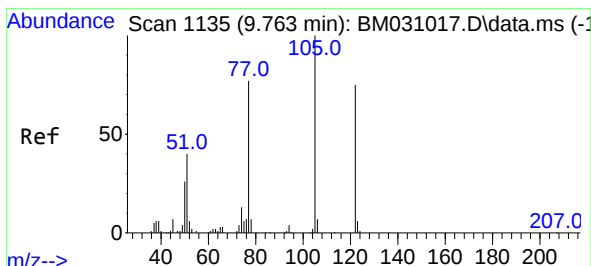
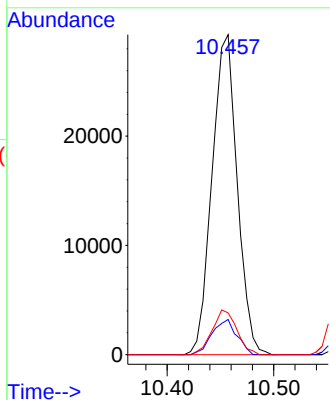
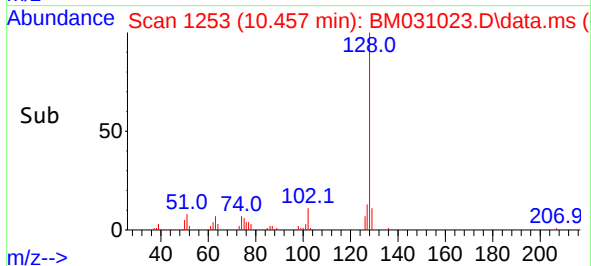
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



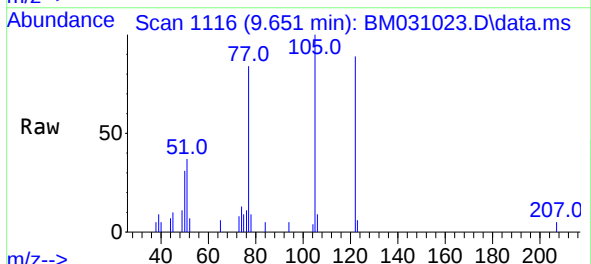
Tgt Ion:128 Resp: 48063
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.0 10.8 16.2

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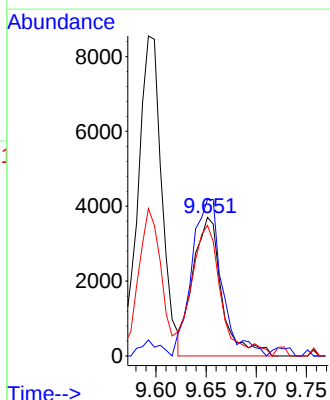
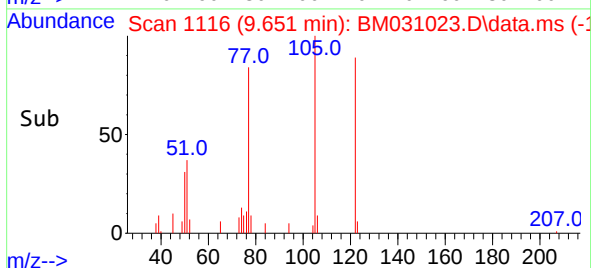
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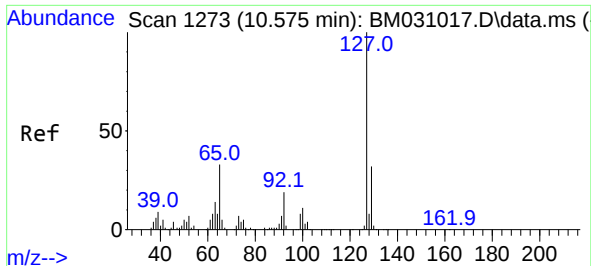


#32
Benzoic acid
Concen: 2.807 ng
RT: 9.651 min Scan# 1116
Delta R.T. -0.112 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



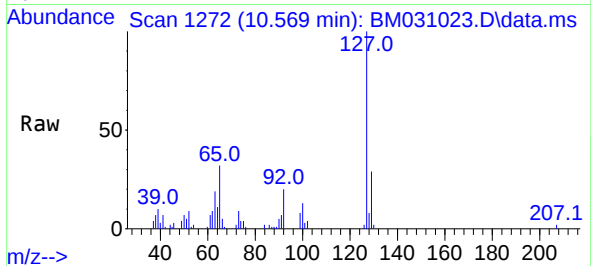
Tgt Ion:122 Resp: 7472
Ion Ratio Lower Upper
122 100
105 112.9 107.3 147.3
77 94.3 88.0 128.0





#33
4-Chloroaniline
Concen: 3.898 ng
RT: 10.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

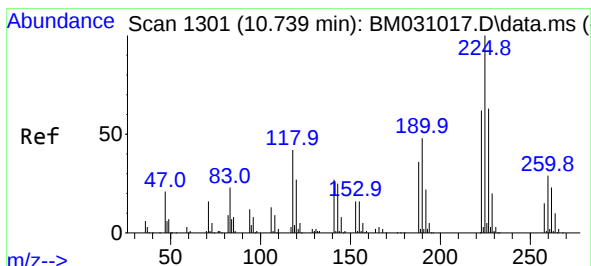
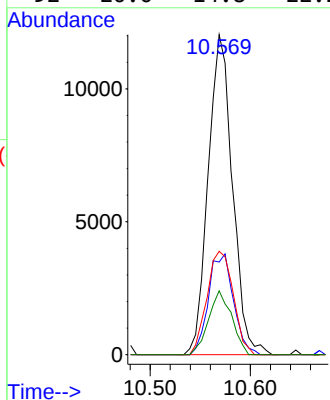
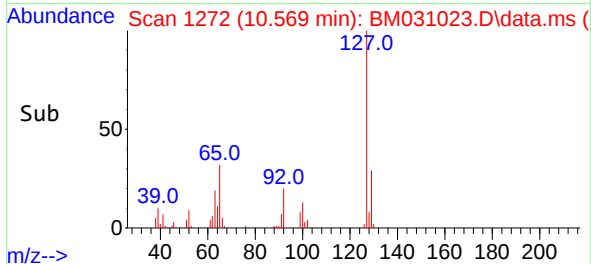
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



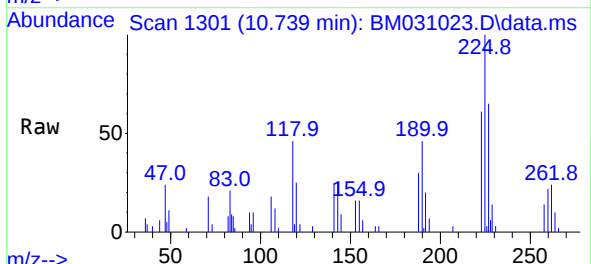
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.9	26.8	40.2
65	32.3	25.2	37.8
92	20.0	14.8	22.2

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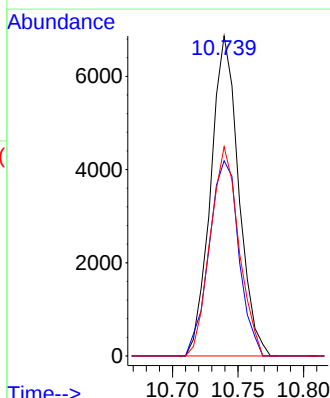
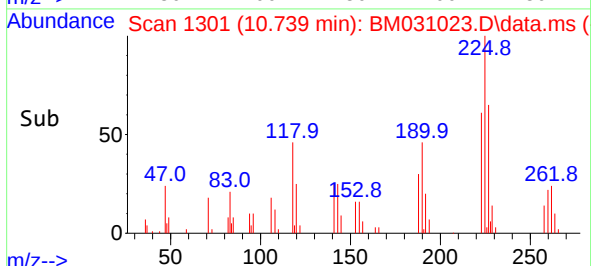
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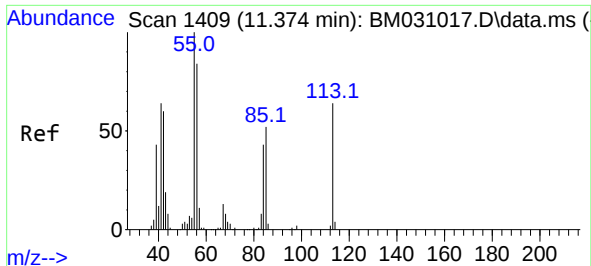


#34
Hexachlorobutadiene
Concen: 3.902 ng
RT: 10.739 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	52.1	78.1
227	65.4	53.8	80.6





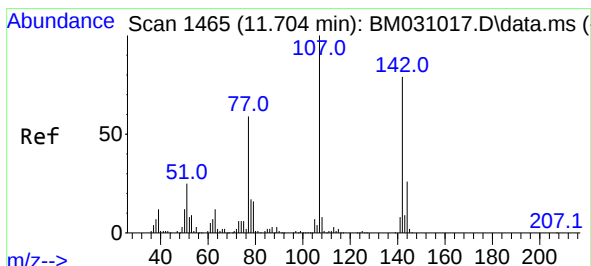
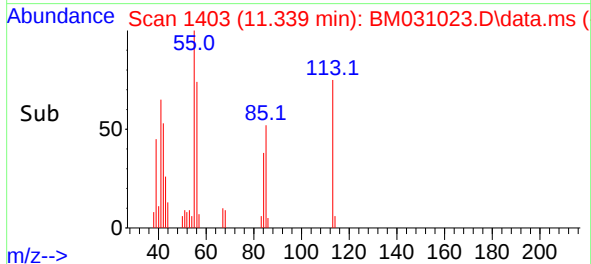
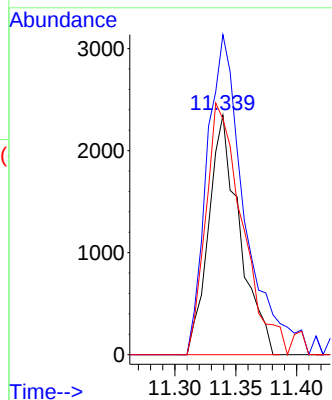
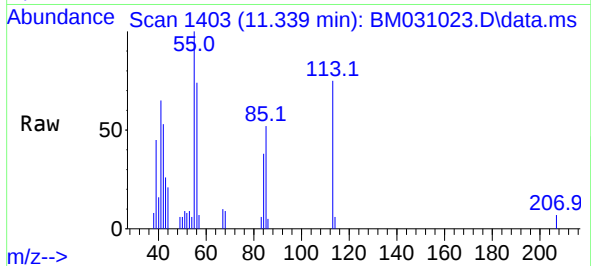
#35
Caprolactam
Concen: 3.353 ng
RT: 11.339 min Scan# 1403
Delta R.T. -0.035 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	113	Resp:	4166
Ion Ratio	Lower	Upper	
113	100		
55	133.7	132.0	172.0
56	98.5	96.3	136.3

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

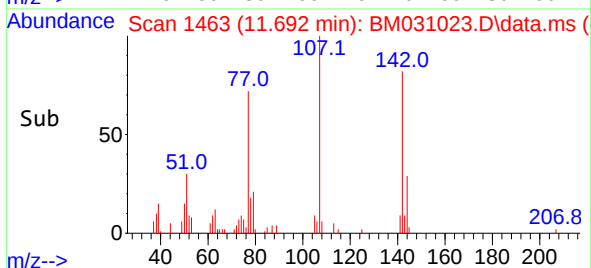
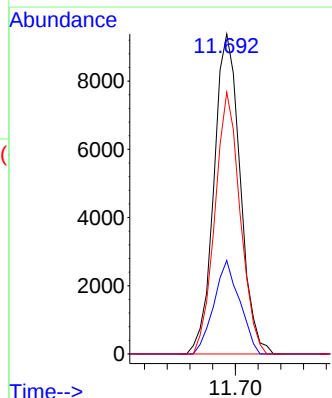
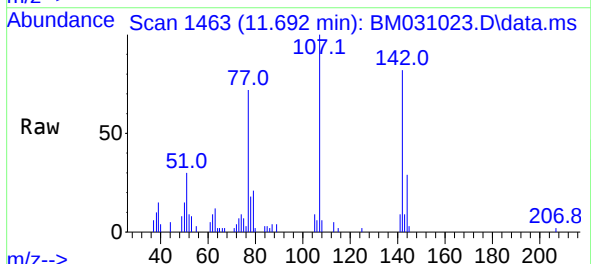
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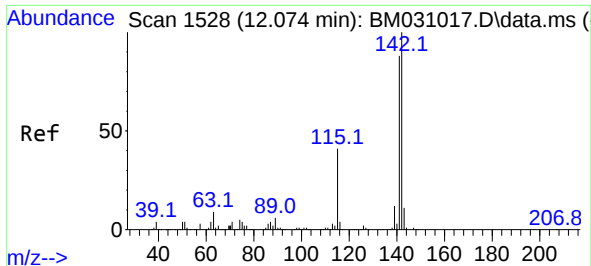
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#36
4-Chloro-3-methylphenol
Concen: 3.565 ng
RT: 11.692 min Scan# 1463
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

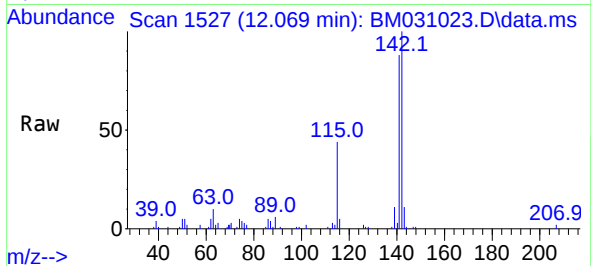
Tgt Ion:	107	Resp:	15035
Ion Ratio	Lower	Upper	
107	100		
144	29.2	22.3	33.5
142	81.8	69.3	103.9





#37
2-Methylnaphthalene
Concen: 3.831 ng
RT: 12.069 min Scan# 1527
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

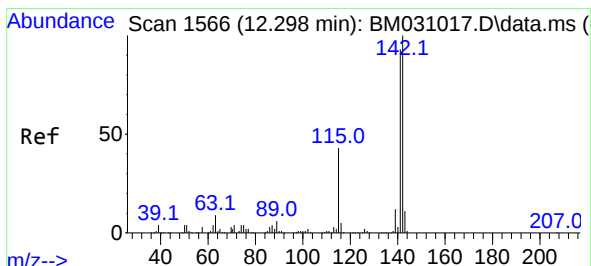
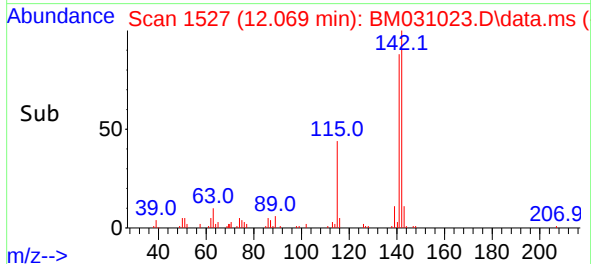
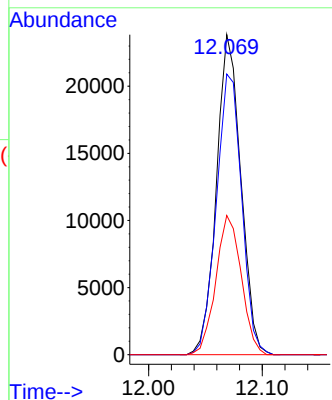
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



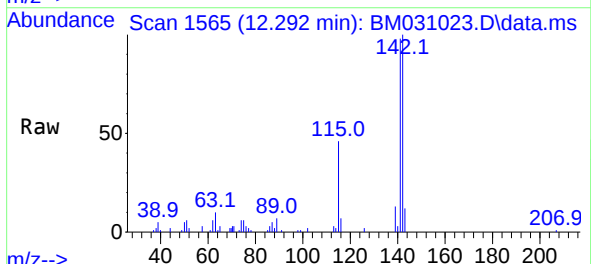
Tgt Ion:142 Resp: 35579
Ion Ratio Lower Upper
142 100
141 87.7 71.7 107.5
115 43.5 29.1 43.7

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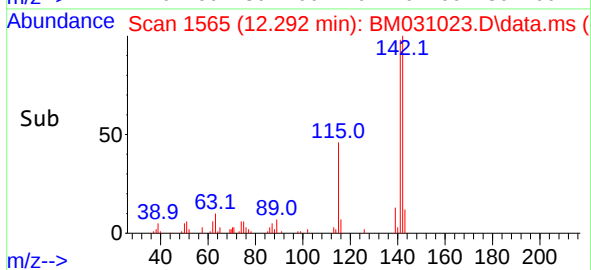
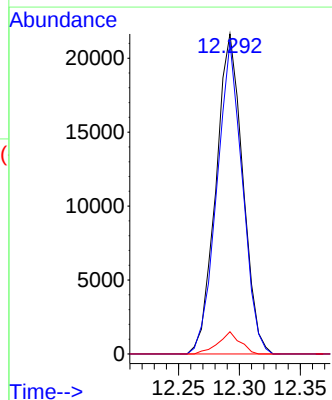
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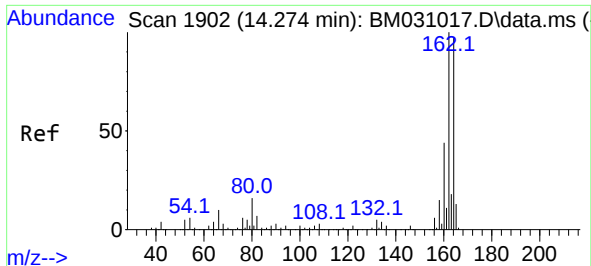


#38
1-Methylnaphthalene
Concen: 3.749 ng
RT: 12.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



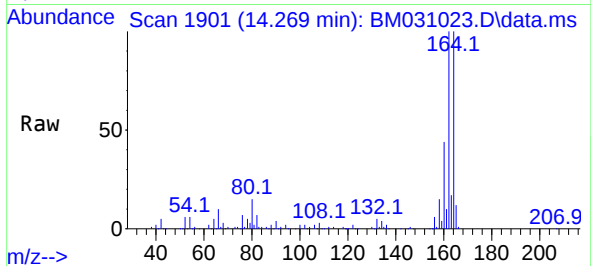
Tgt Ion:142 Resp: 33159
Ion Ratio Lower Upper
142 100
141 97.6 74.2 111.4
116 7.0 3.0 4.6#





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.269 min Scan# 1901
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

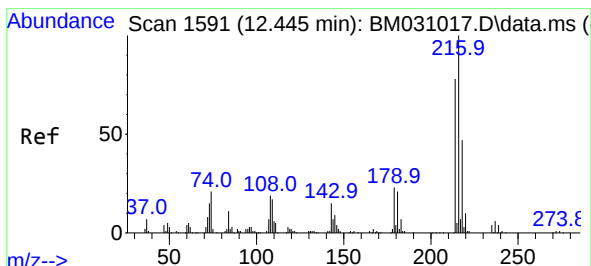
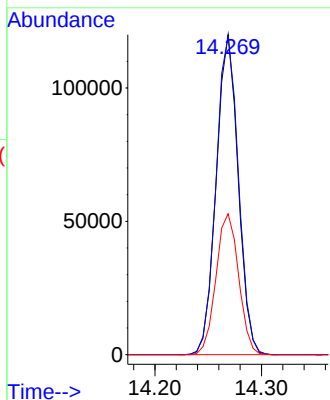
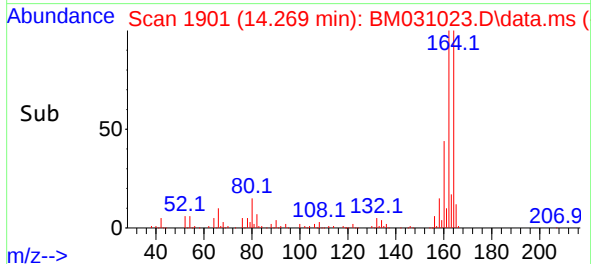
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



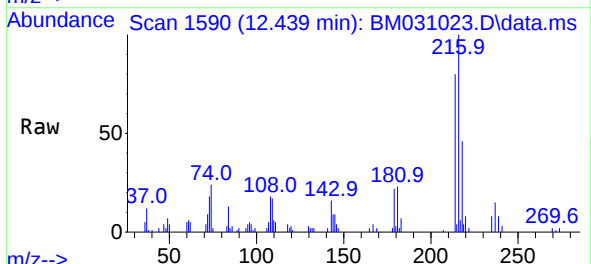
Tgt Ion:164 Resp: 170786
Ion Ratio Lower Upper
164 100
162 99.6 83.4 125.0
160 44.0 37.2 55.8

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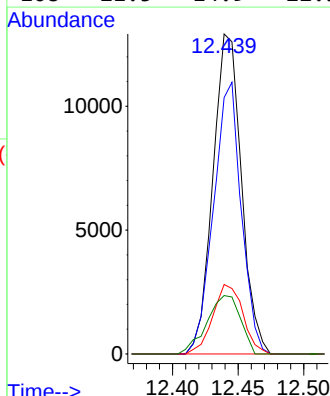
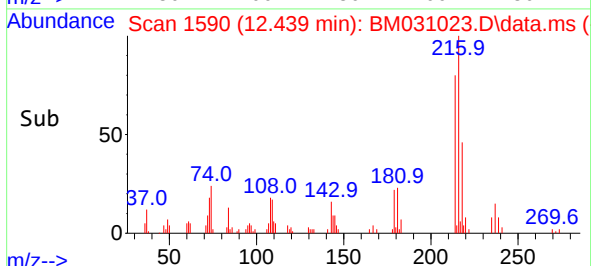
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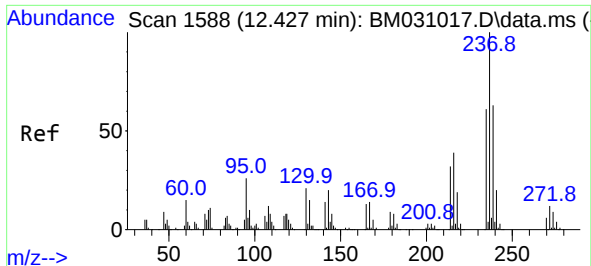


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.100 ng
RT: 12.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

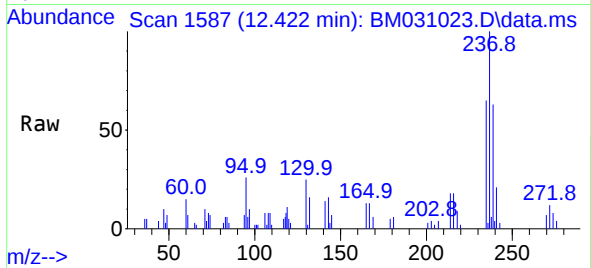


Tgt Ion:216 Resp: 19508
Ion Ratio Lower Upper
216 100
214 82.5 63.0 94.4
179 23.0 17.6 26.4
108 21.5 14.9 22.3

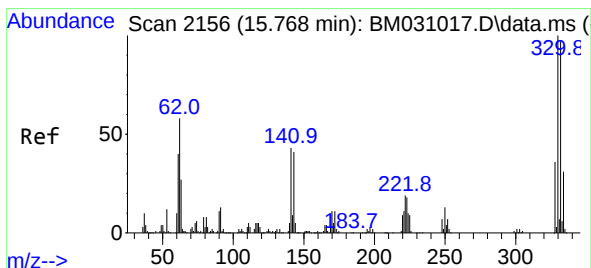
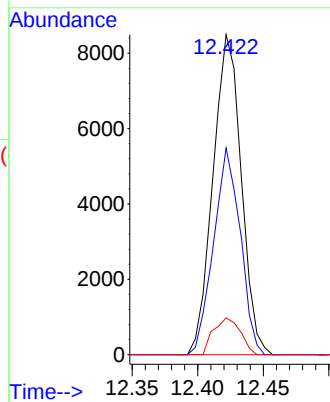
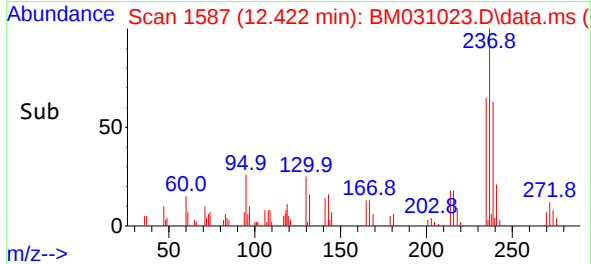




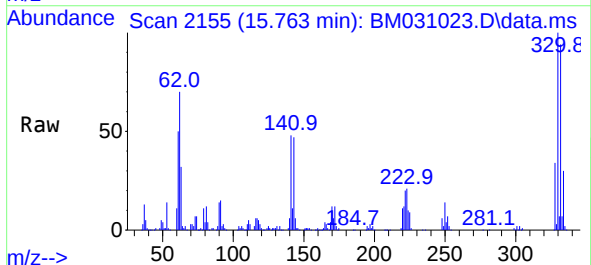
#41
Hexachlorocyclopentadiene
Concen: 4.802 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



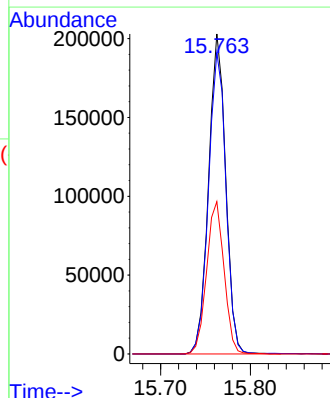
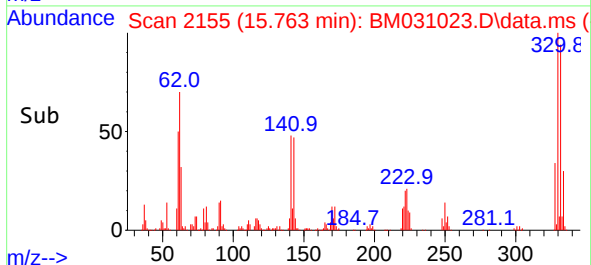
Tgt Ion: 237 Resp: 12711
Ion Ratio Lower Upper
237 100
235 64.6 42.4 82.4
272 11.5 0.0 31.7



#42
2,4,6-Tribromophenol
Concen: 120.395 ng
RT: 15.763 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



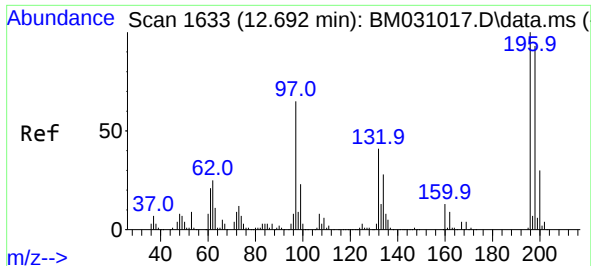
Tgt Ion: 330 Resp: 268502
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 48.7 30.2 45.2#



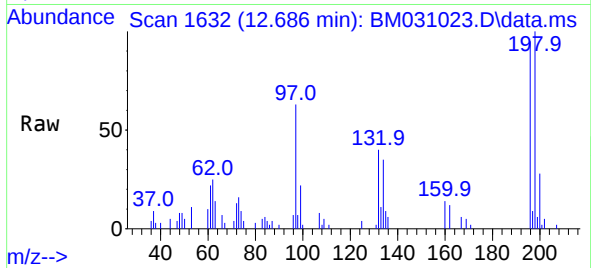
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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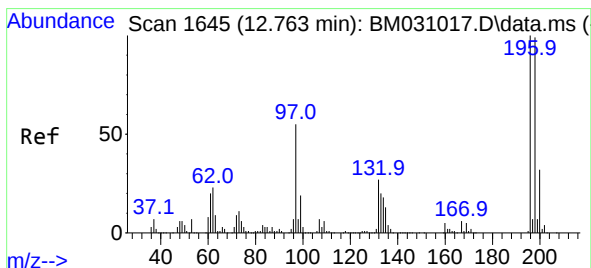
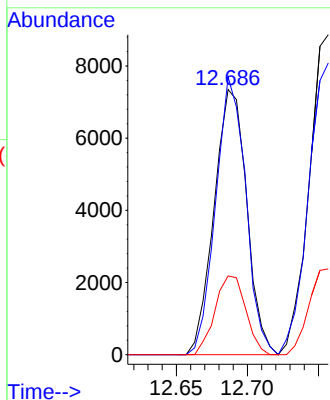
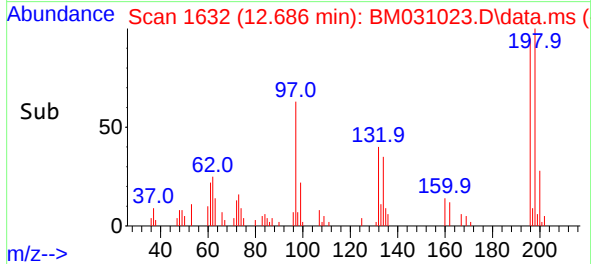
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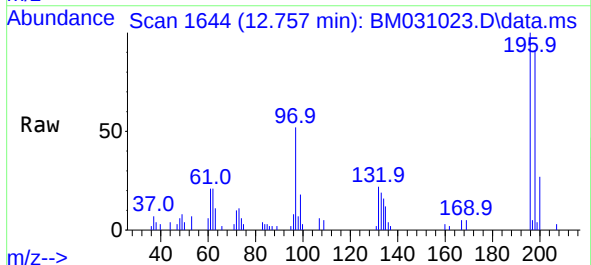
#43
2,4,6-Trichlorophenol
Concen: 3.514 ng
RT: 12.686 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



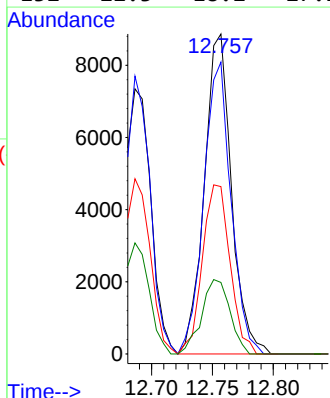
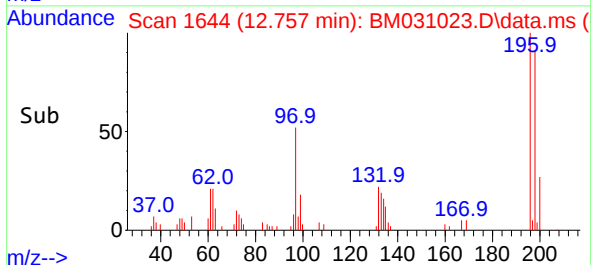
Tgt Ion:196 Resp: 11745
Ion Ratio Lower Upper
196 100
198 104.8 77.6 116.4
200 29.7 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 3.713 ng
RT: 12.757 min Scan# 1644
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



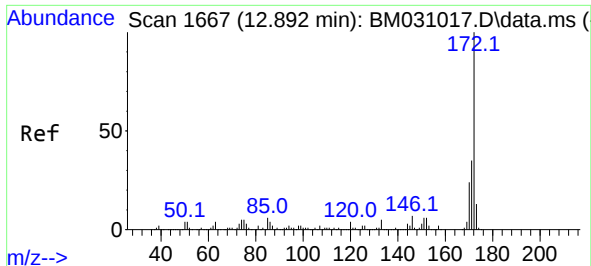
Tgt Ion:196 Resp: 13740
Ion Ratio Lower Upper
196 100
198 91.2 77.0 115.4
97 52.3 36.6 55.0
132 22.3 18.2 27.2



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

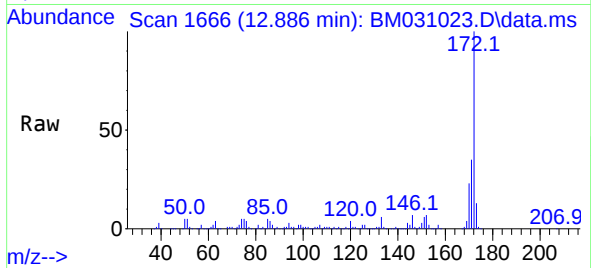
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#45
2-Fluorobiphenyl
Concen: 64.321 ng
RT: 12.886 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

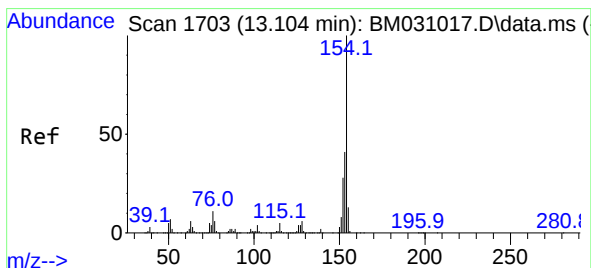
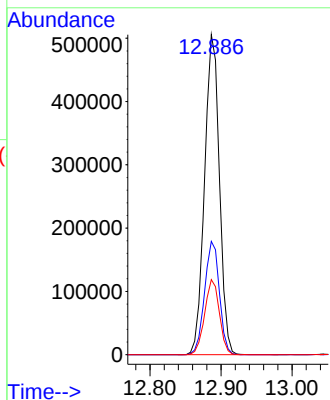
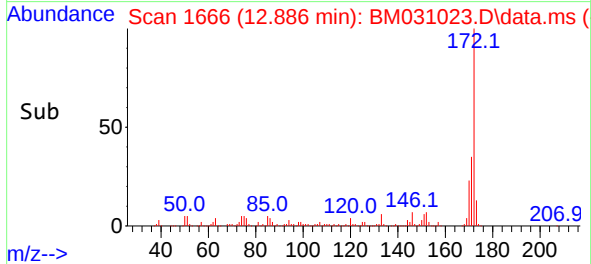
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



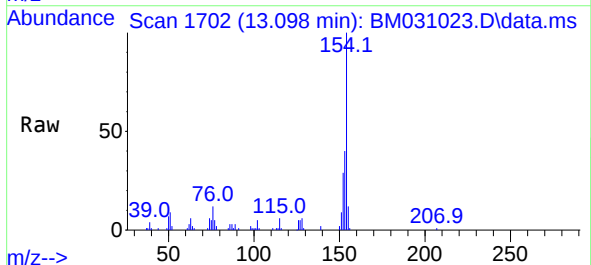
Tgt Ion:172 Resp: 736238
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 18.4 27.6

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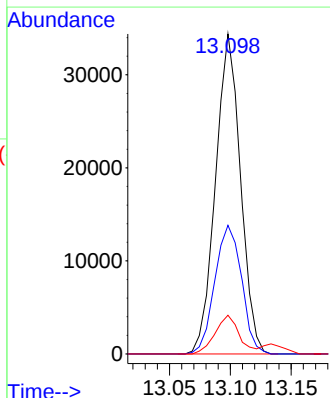
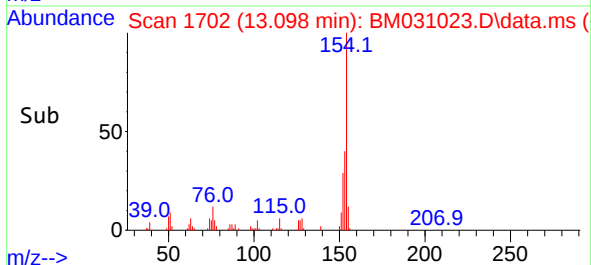
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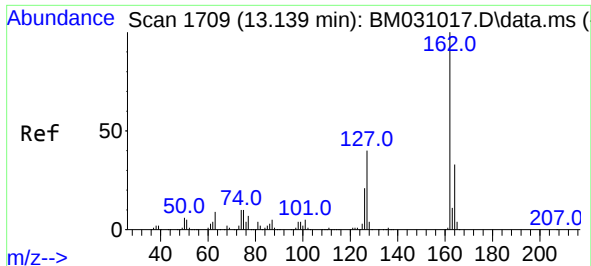


#46
1,1'-Biphenyl
Concen: 4.050 ng
RT: 13.098 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



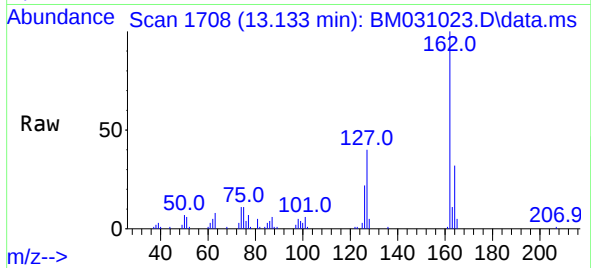
Tgt Ion:154 Resp: 49047
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 12.1 0.0 31.0





#47
2-Chloronaphthalene
Concen: 4.007 ng
RT: 13.133 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

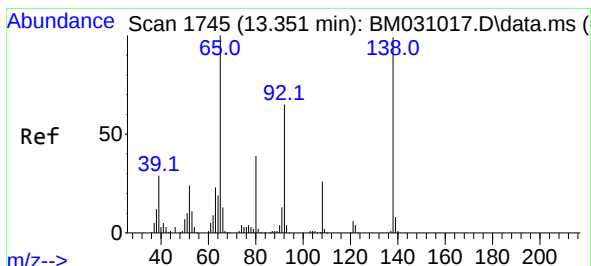
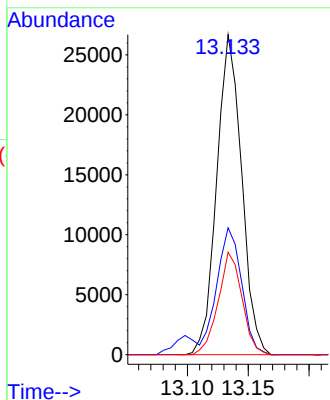
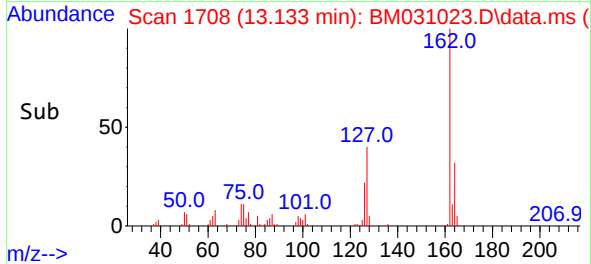
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



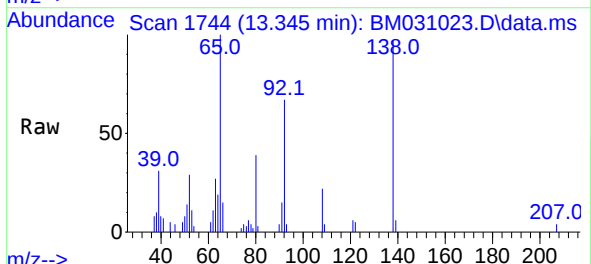
Tgt Ion:162 Resp: 38003
Ion Ratio Lower Upper
162 100
127 39.7 27.1 40.7
164 32.0 26.1 39.1

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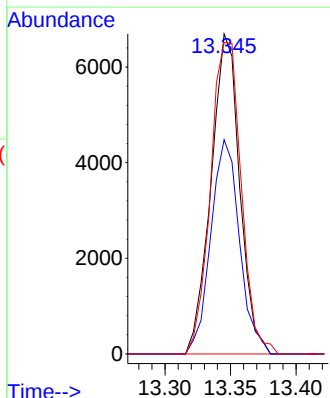
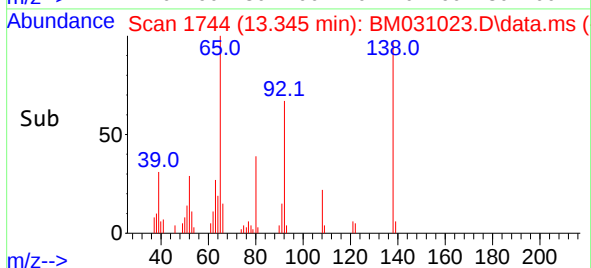
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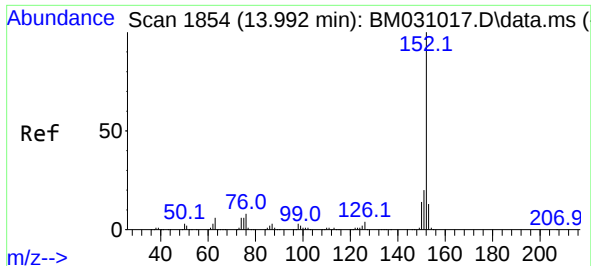


#48
2-Nitroaniline
Concen: 3.362 ng
RT: 13.345 min Scan# 1744
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



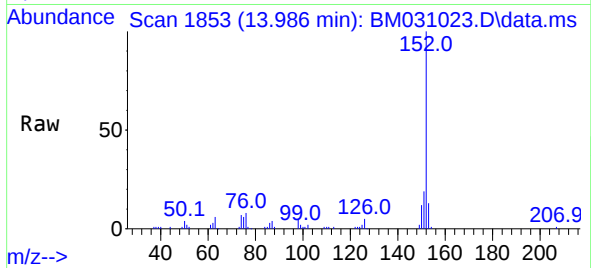
Tgt Ion: 65 Resp: 10161
Ion Ratio Lower Upper
65 100
92 67.0 55.5 83.3
138 97.4 85.7 128.5





#49
Acenaphthylene
Concen: 3.768 ng
RT: 13.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

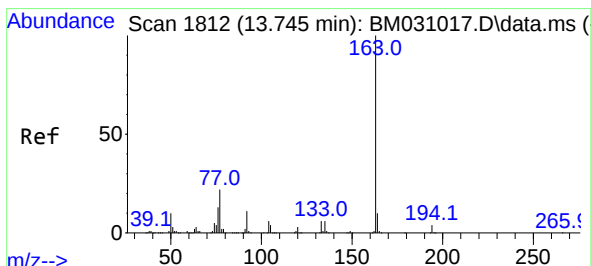
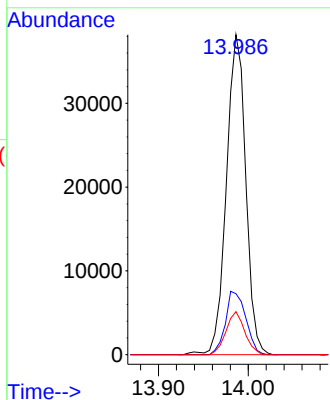
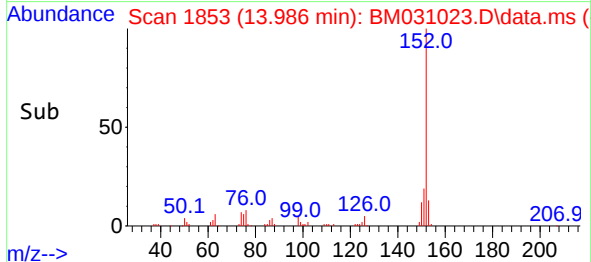
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



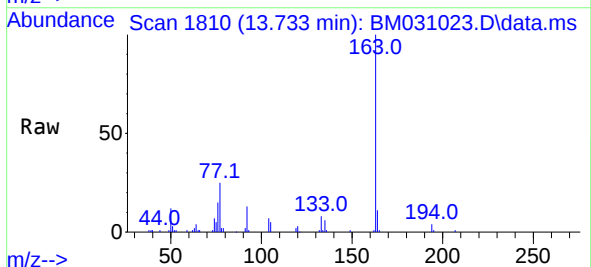
Tgt Ion:152 Resp: 57127
Ion Ratio Lower Upper
152 100
151 19.1 16.3 24.5
153 13.5 10.2 15.4

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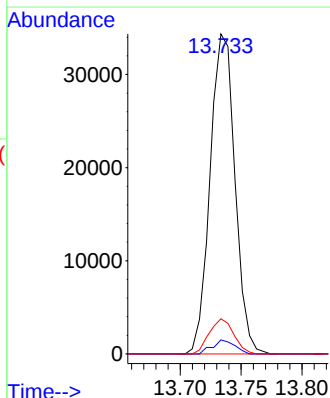
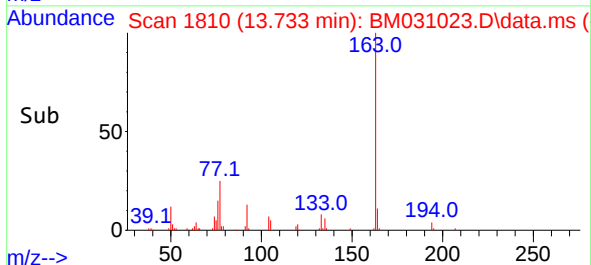
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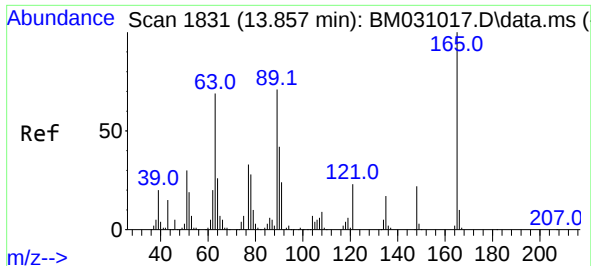


#50
Dimethylphthalate
Concen: 3.816 ng
RT: 13.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



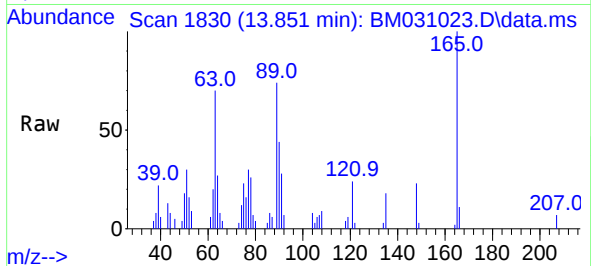
Tgt Ion:163 Resp: 48888
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 11.0 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 3.541 ng
RT: 13.851 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

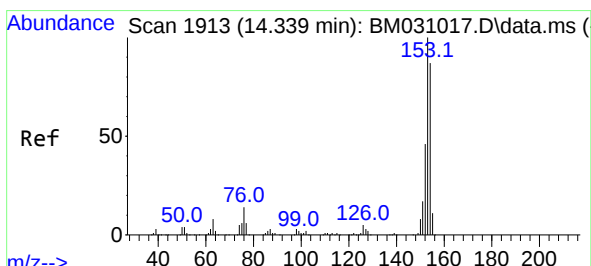
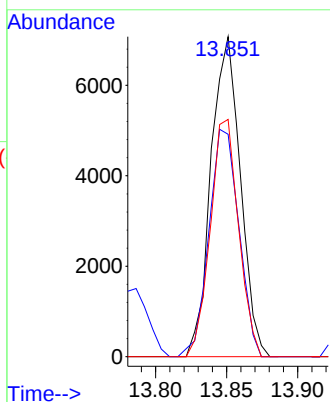
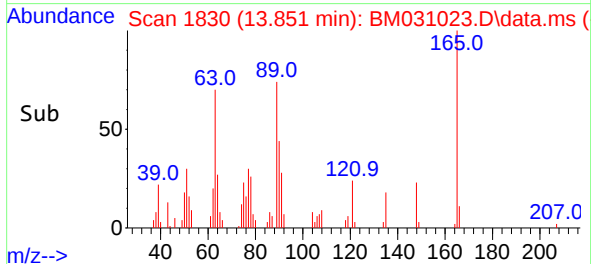
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



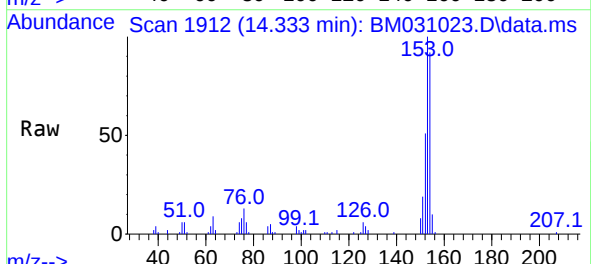
Tgt Ion:	165	Resp:	10162
Ion Ratio	Lower	Upper	
165	100		
63	69.5	45.3	67.9#
89	74.2	46.3	69.5#

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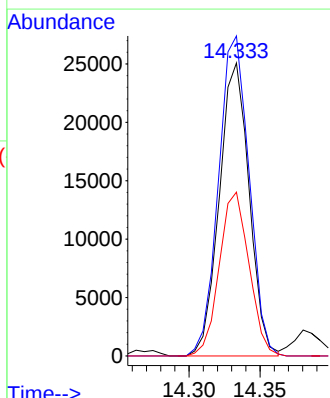
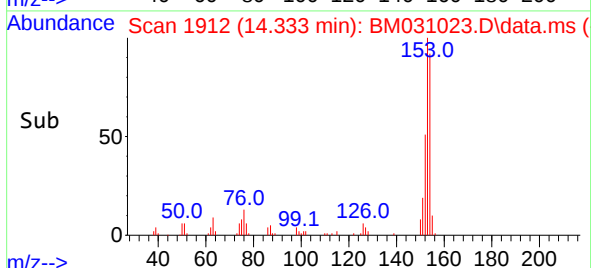
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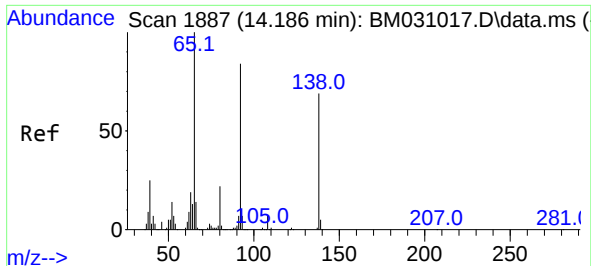


#52
Acenaphthene
Concen: 3.844 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion:	154	Resp:	36671
Ion Ratio	Lower	Upper	
154	100		
153	109.2	92.2	138.2
152	55.9	43.4	65.2





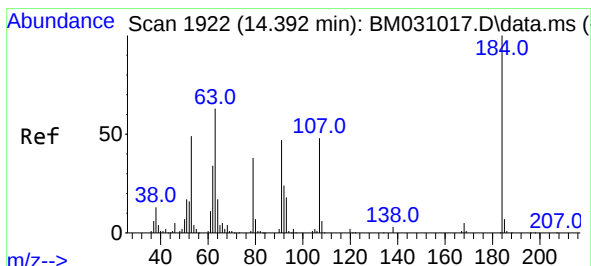
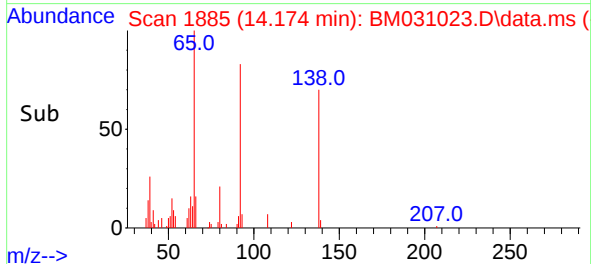
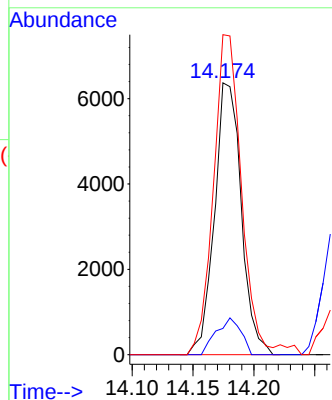
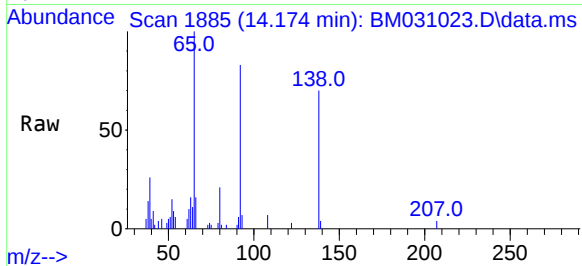
#53
3-Nitroaniline
Concen: 3.359 ng
RT: 14.174 min Scan# 1885
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:138 Resp: 9738
Ion Ratio Lower Upper
138 100
108 9.7 7.7 11.5
92 117.7 92.6 138.8

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

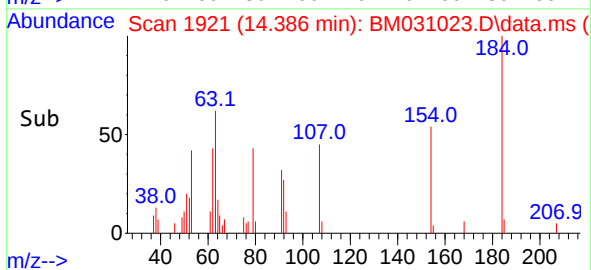
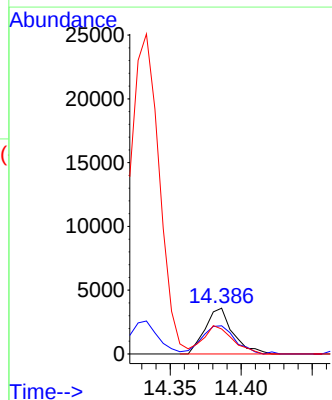
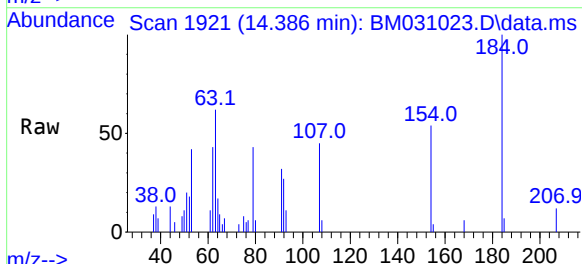
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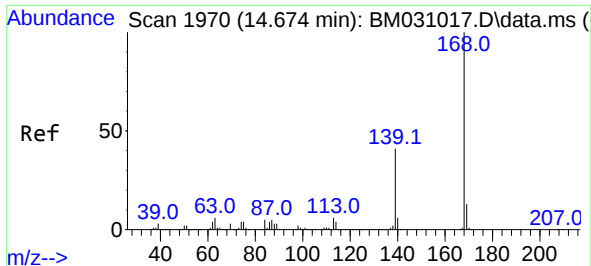
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#54
2,4-Dinitrophenol
Concen: 2.877 ng
RT: 14.386 min Scan# 1921
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

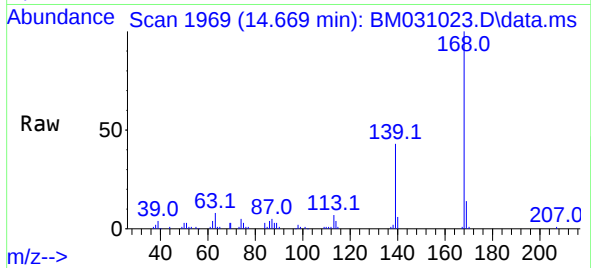
Tgt Ion:184 Resp: 4868
Ion Ratio Lower Upper
184 100
63 61.8 54.2 81.2
154 54.5 56.1 84.1#





#55
Dibenzofuran
Concen: 3.872 ng
RT: 14.669 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

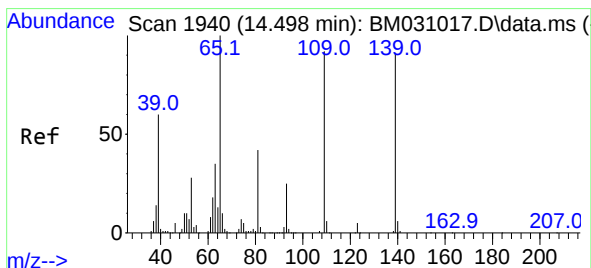
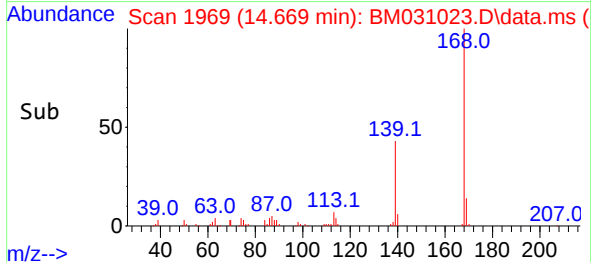
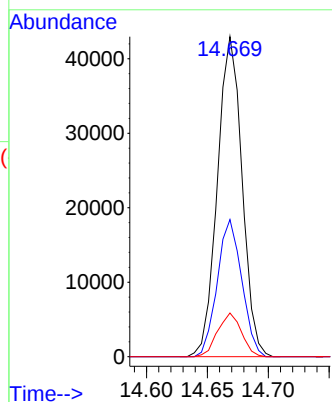
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:168 Resp: 60594
Ion Ratio Lower Upper
168 100
139 42.8 29.4 44.0
169 13.6 10.8 16.2

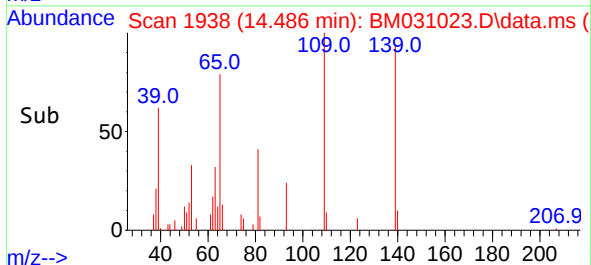
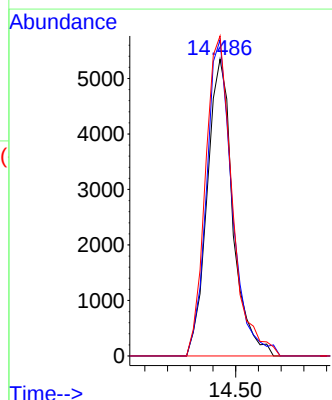
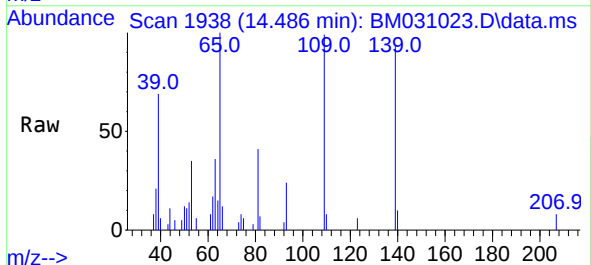
Manual Integrations
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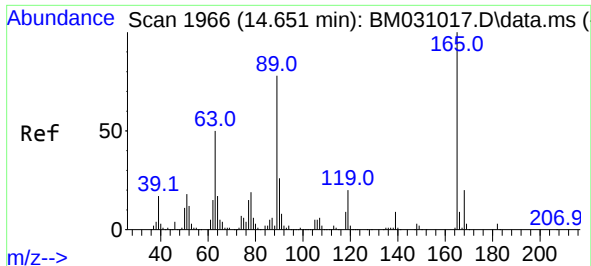
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#56
4-Nitrophenol
Concen: 3.273 ng
RT: 14.486 min Scan# 1938
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

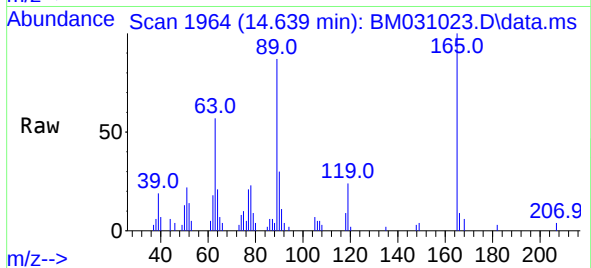
Tgt Ion:139 Resp: 8392
Ion Ratio Lower Upper
139 100
109 106.5 64.5 104.5#
65 107.8 78.9 118.9





#57
2,4-Dinitrotoluene
Concen: 3.316 ng
RT: 14.639 min Scan# 1964
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

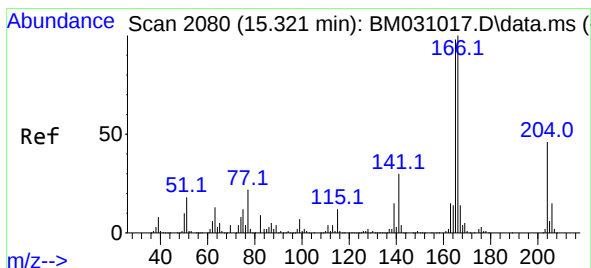
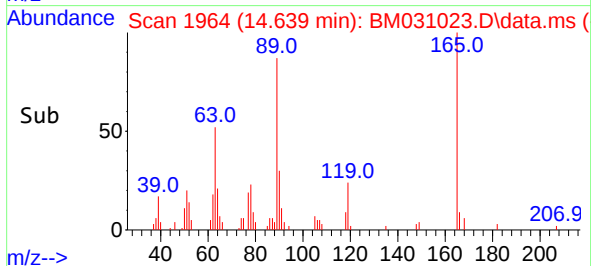
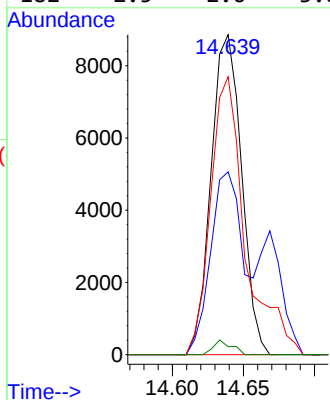
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion:	165	Resp:	13250
Ion Ratio	Lower	Upper	
165	100		
63	57.2	35.0	52.4#
89	86.8	55.2	82.8#
182	2.5	2.6	3.8#

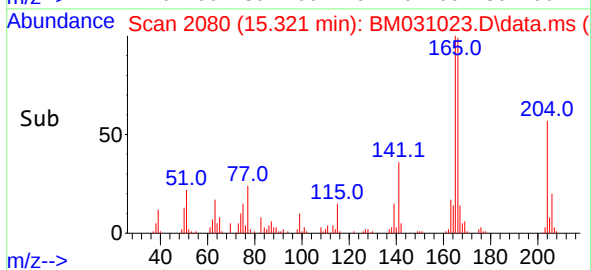
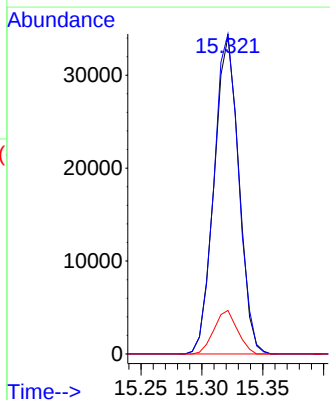
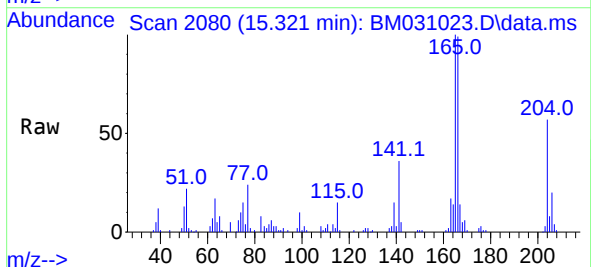
Manual Integrations
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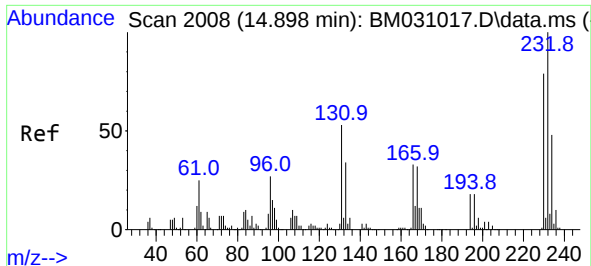
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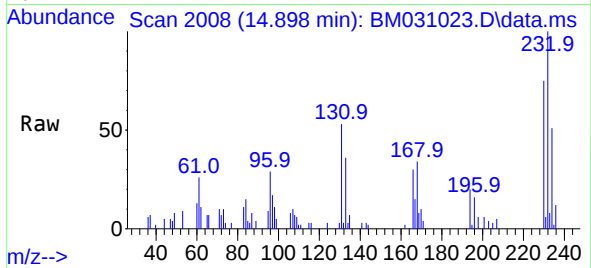
#58
Fluorene
Concen: 3.654 ng
RT: 15.321 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	166	Resp:	48228
Ion Ratio	Lower	Upper	
166	100		
165	100.9	79.0	118.6
167	13.7	10.8	16.2

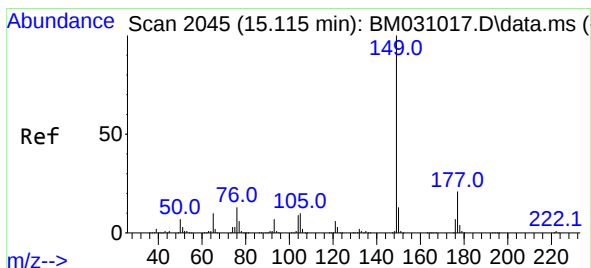
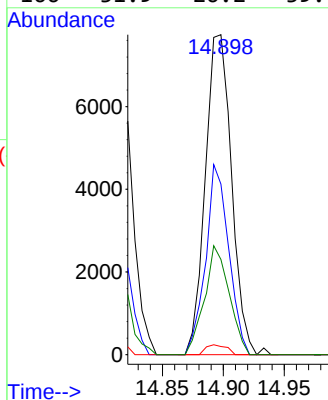
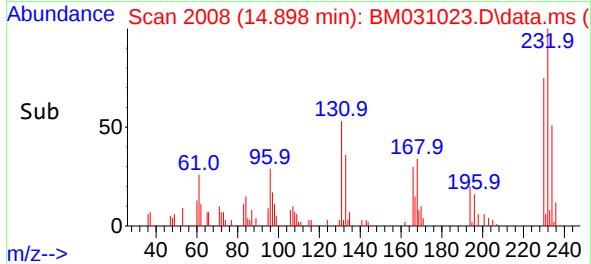




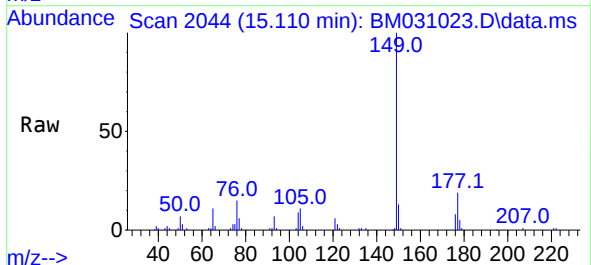
#59
2,3,4,6-Tetrachlorophenol
Concen: 3.367 ng
RT: 14.898 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



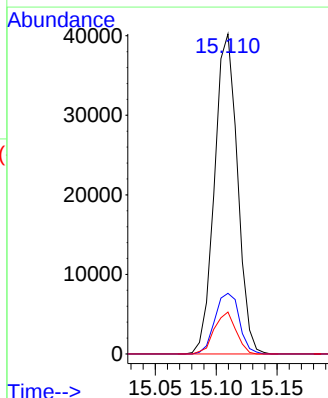
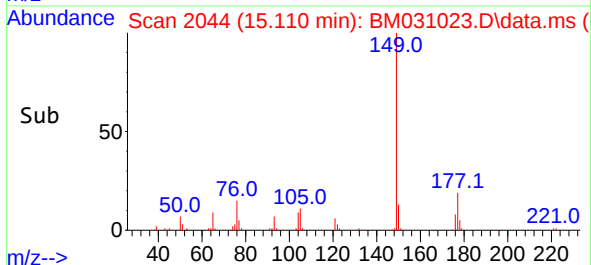
Tgt Ion:232 Resp: 11610
Ion Ratio Lower Upper
232 100
131 52.2 34.4 51.6#
130 2.4 2.2 3.2
166 31.9 26.2 39.4



#60
Diethylphthalate
Concen: 3.842 ng
RT: 15.110 min Scan# 2044
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



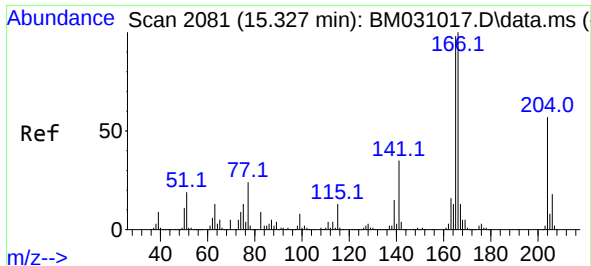
Tgt Ion:149 Resp: 52761
Ion Ratio Lower Upper
149 100
177 19.0 17.9 26.9
150 13.1 10.3 15.5



Instrument :
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ClientSampleId :
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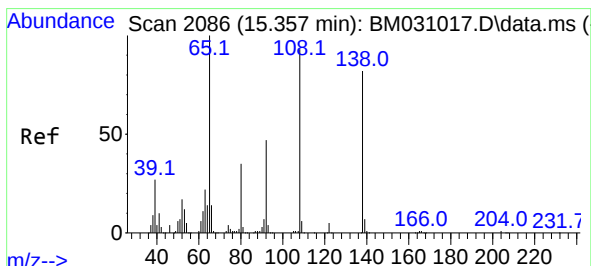
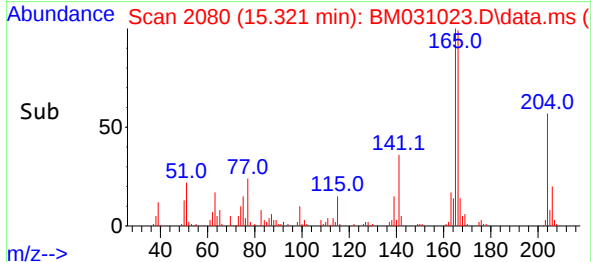
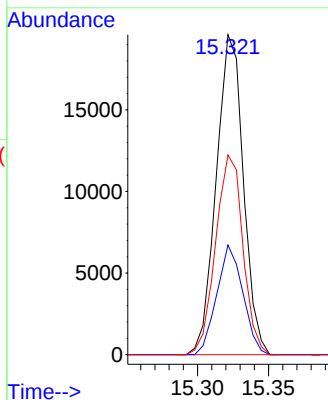
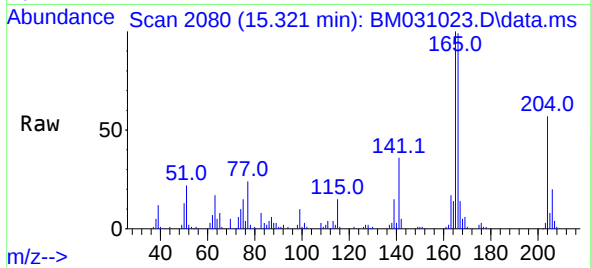
#61
4-Chlorophenyl-phenylether
Concen: 3.976 ng
RT: 15.321 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:204 Resp: 25991
Ion Ratio Lower Upper
204 100
206 34.3 25.5 38.3
141 62.4 40.3 60.5#

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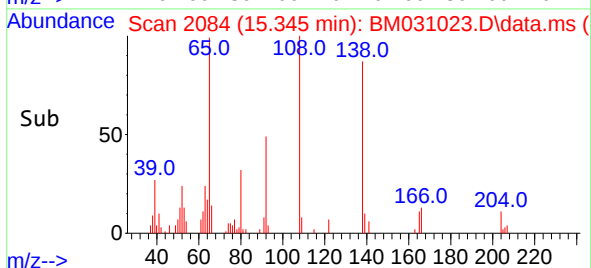
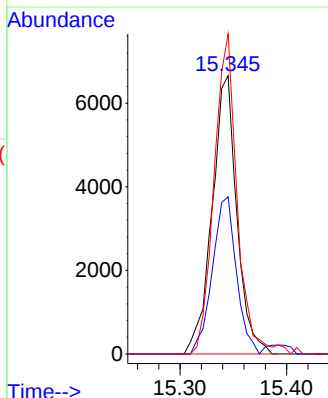
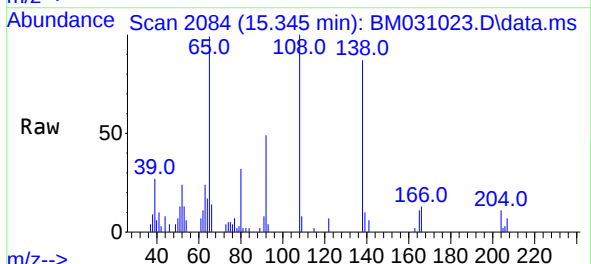
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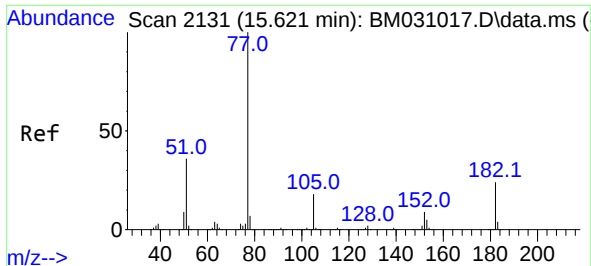
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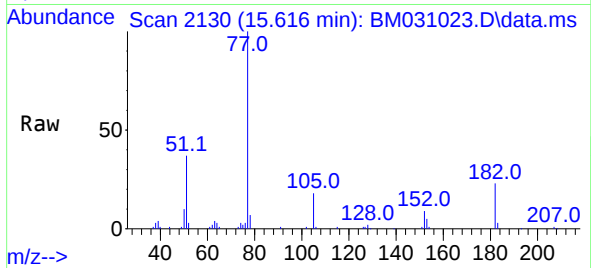
#62
4-Nitroaniline
Concen: 3.358 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:138 Resp: 10740
Ion Ratio Lower Upper
138 100
92 56.6 33.4 73.4
108 115.0 75.5 115.5

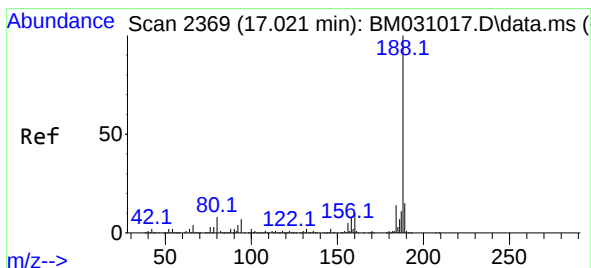
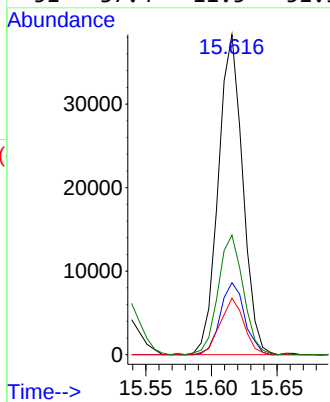
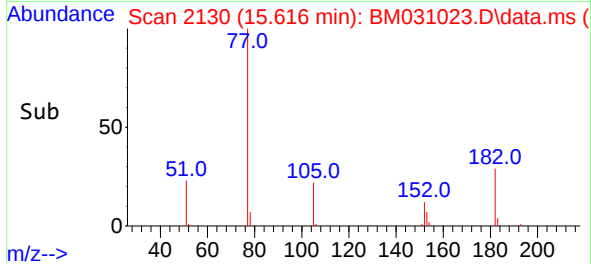




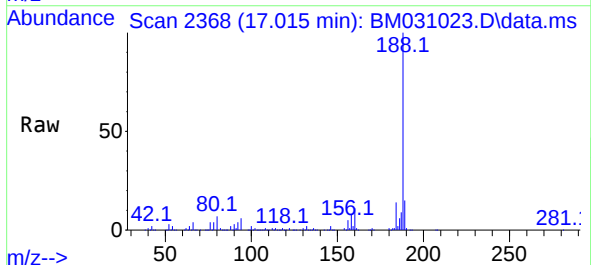
#63
Azobenzene
Concen: 3.627 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



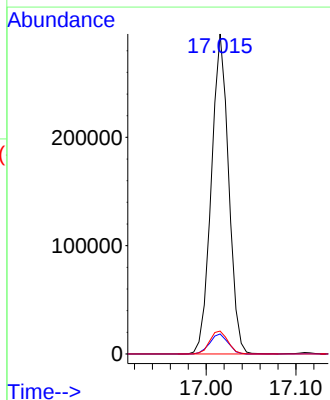
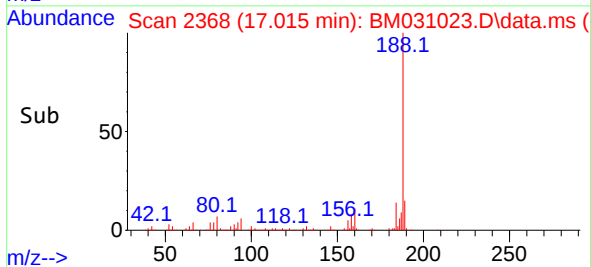
Tgt Ion: 77 Resp: 49578
Ion Ratio Lower Upper
77 100
182 22.5 6.8 46.8
105 17.7 0.0 36.6
51 37.4 11.5 51.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.015 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



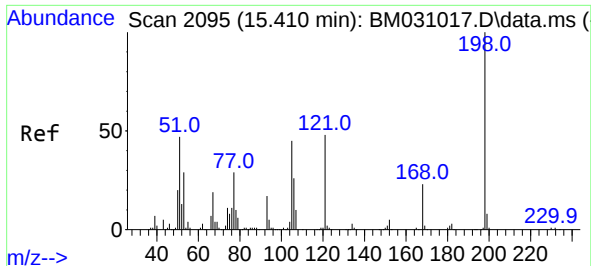
Tgt Ion: 188 Resp: 395531
Ion Ratio Lower Upper
188 100
94 6.2 6.0 9.0
80 7.1 6.6 9.8



Instrument :
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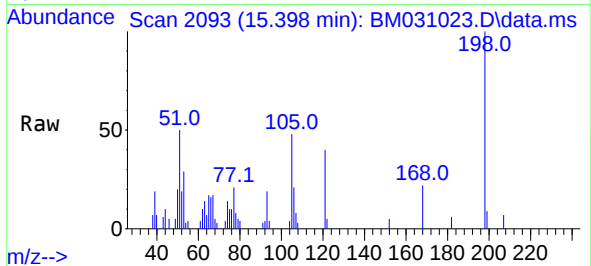
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#65
4,6-Dinitro-2-methylphenol
Concen: 2.909 ng
RT: 15.398 min Scan# 2093
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

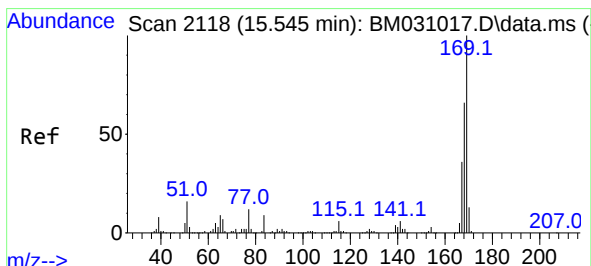
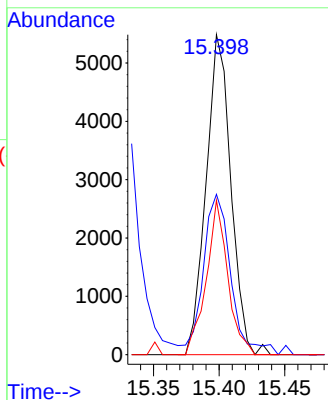
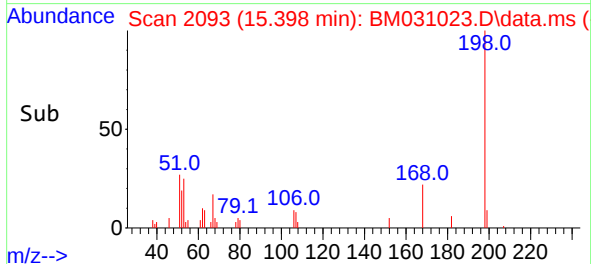
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



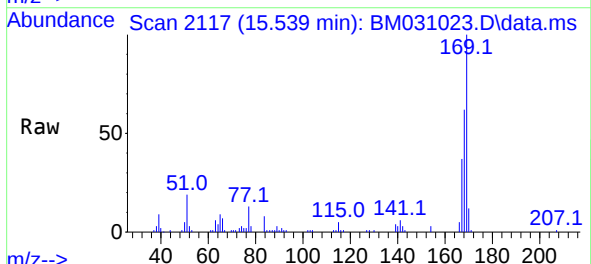
Tgt Ion:198 Resp: 7216
Ion Ratio Lower Upper
198 100
51 50.1 18.9 58.9
105 48.2 17.6 57.6

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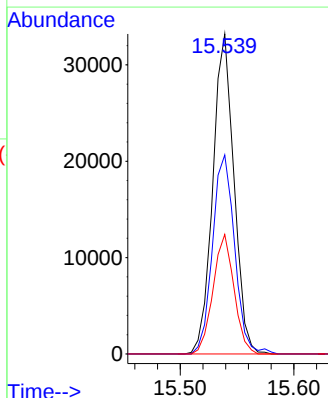
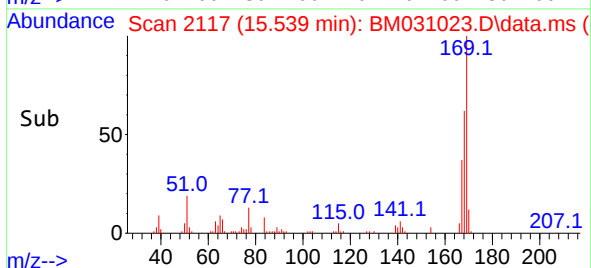
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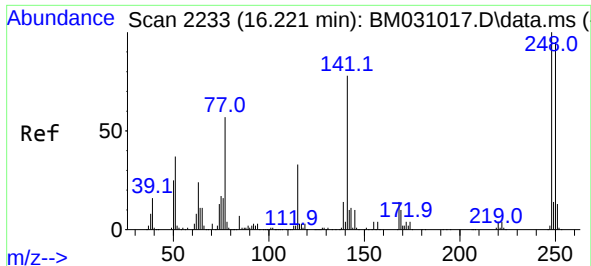


#66
n-Nitrosodiphenylamine
Concen: 3.702 ng
RT: 15.539 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



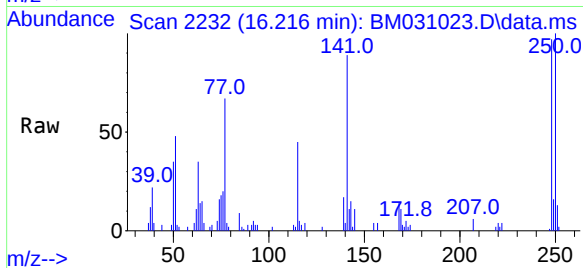
Tgt Ion:169 Resp: 43036
Ion Ratio Lower Upper
169 100
168 62.2 54.2 81.2
167 37.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 3.678 ng
RT: 16.216 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

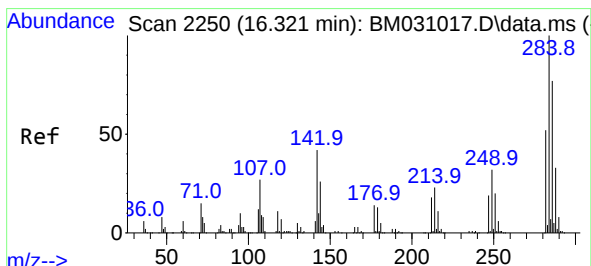
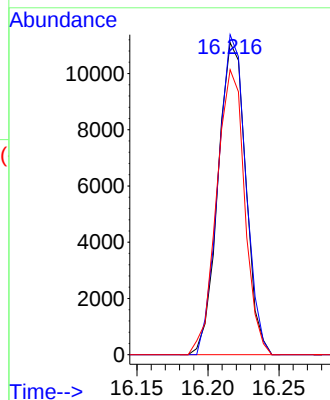
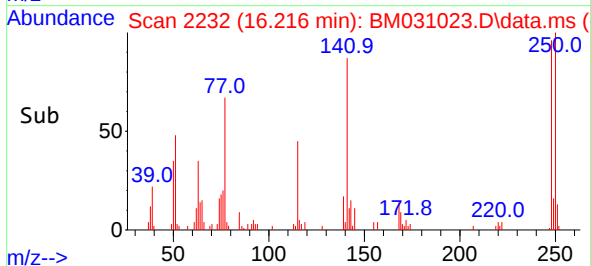
Instrument :
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ClientSampleId :
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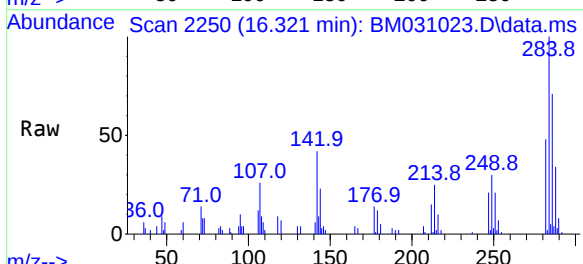
Tgt Ion:248 Resp: 15053
Ion Ratio Lower Upper
248 100
250 102.6 77.9 116.9
141 91.3 56.2 84.2#

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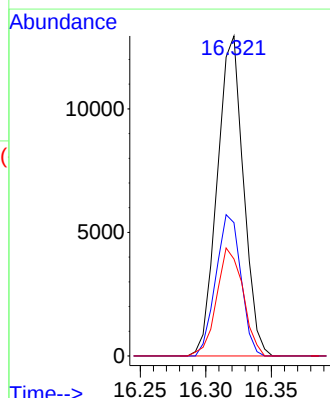
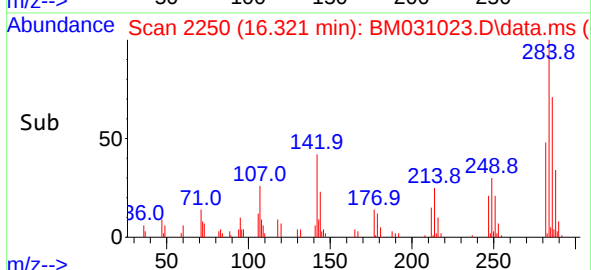
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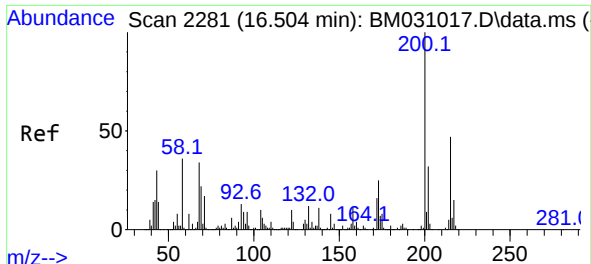


#68
Hexachlorobenzene
Concen: 3.893 ng
RT: 16.321 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



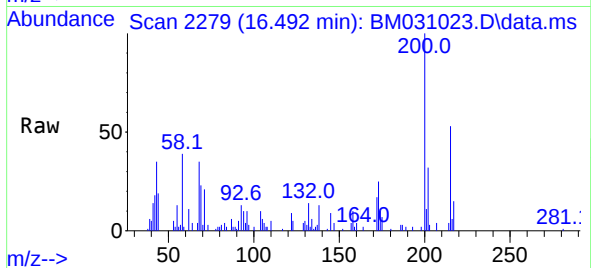
Tgt Ion:284 Resp: 17951
Ion Ratio Lower Upper
284 100
142 41.6 29.0 43.4
249 30.3 26.0 39.0





#69
Atrazine
Concen: 3.896 ng
RT: 16.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

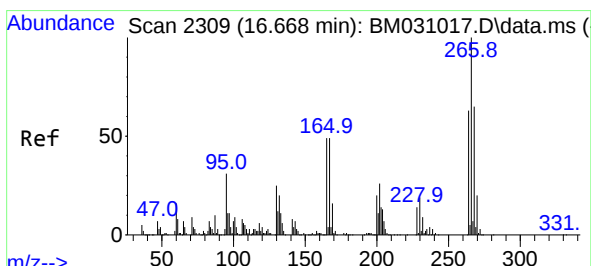
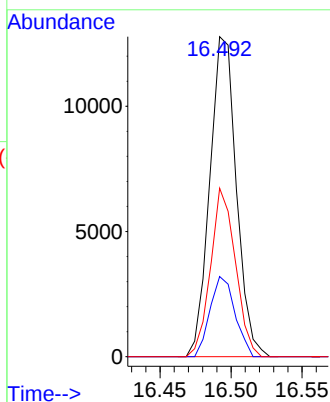
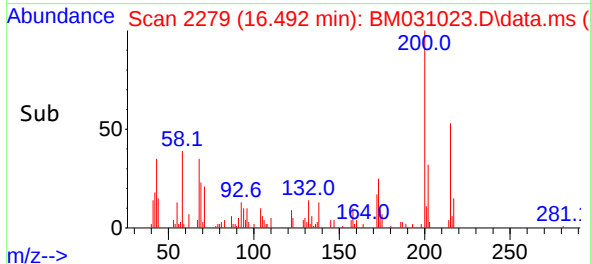
Instrument :
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ClientSampleId :
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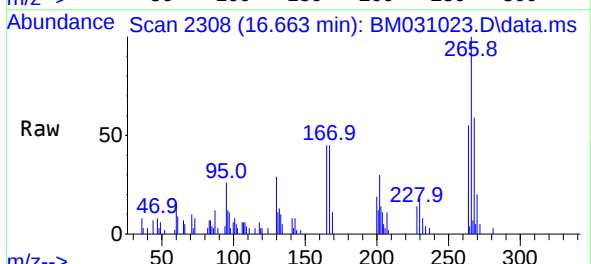
Tgt Ion:200 Resp: 16629
Ion Ratio Lower Upper
200 100
173 25.0 3.8 43.8
215 52.7 24.8 64.8

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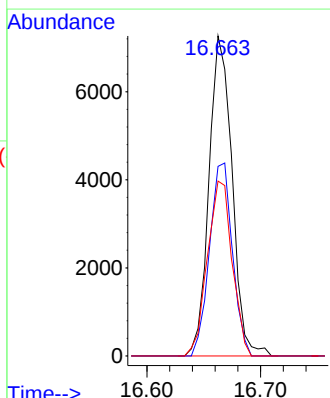
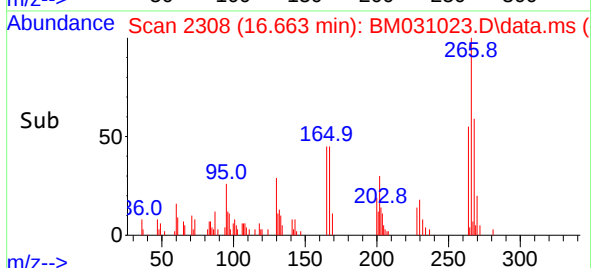
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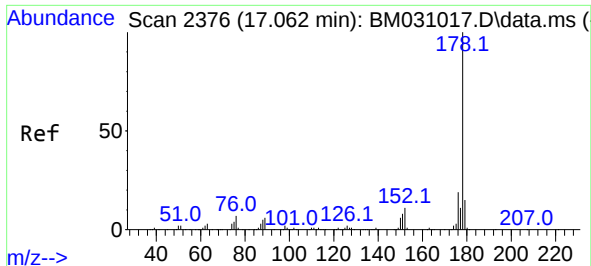


#70
Pentachlorophenol
Concen: 3.404 ng
RT: 16.663 min Scan# 2308
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



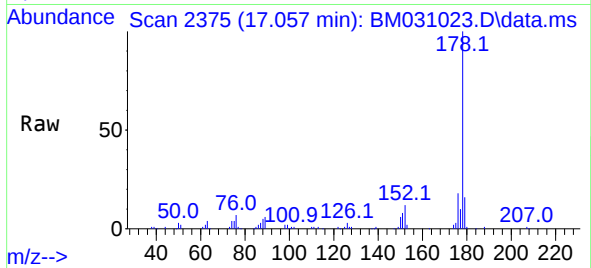
Tgt Ion:266 Resp: 10264
Ion Ratio Lower Upper
266 100
268 59.3 52.8 79.2
264 58.6 51.9 77.9





#71
Phenanthrene
Concen: 3.867 ng
RT: 17.057 min Scan# 2375
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

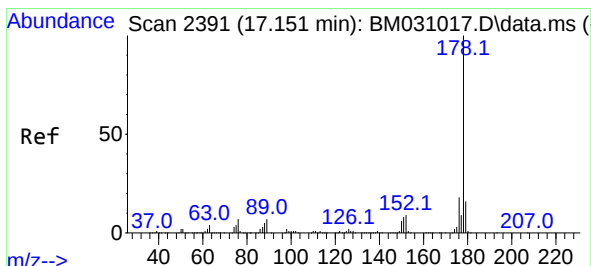
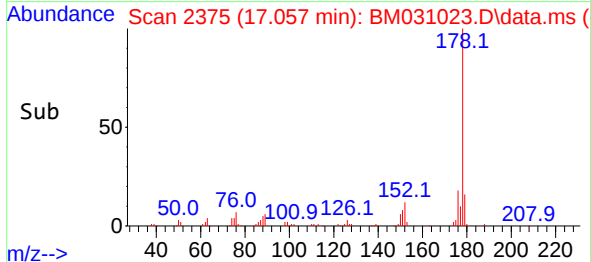
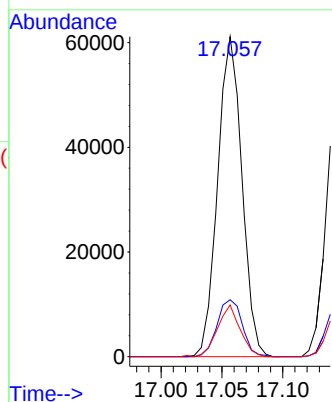
Instrument :
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Tgt Ion:178 Resp: 84693
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 16.1 12.2 18.4

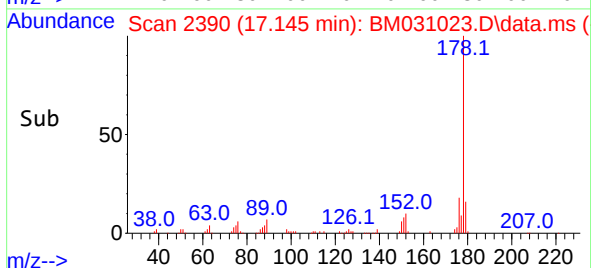
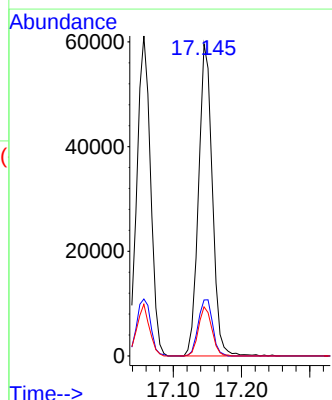
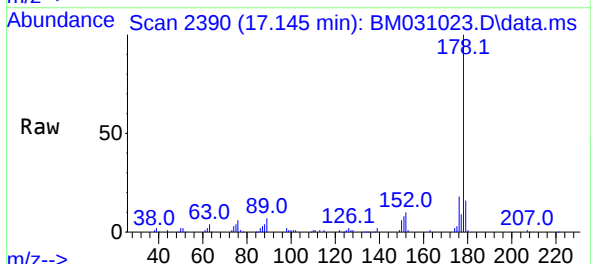
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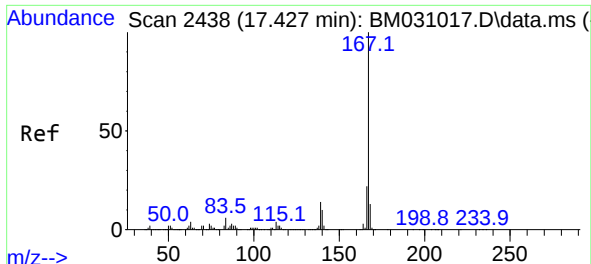
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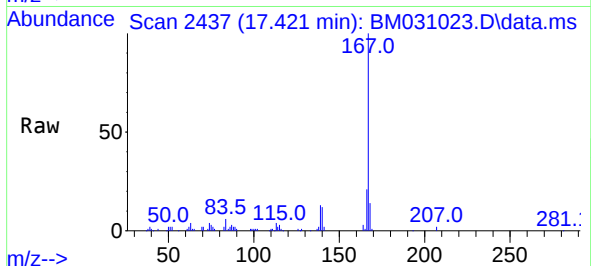
#72
Anthracene
Concen: 3.880 ng
RT: 17.145 min Scan# 2390
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:178 Resp: 83799
Ion Ratio Lower Upper
178 100
176 18.0 15.0 22.4
179 15.8 12.5 18.7

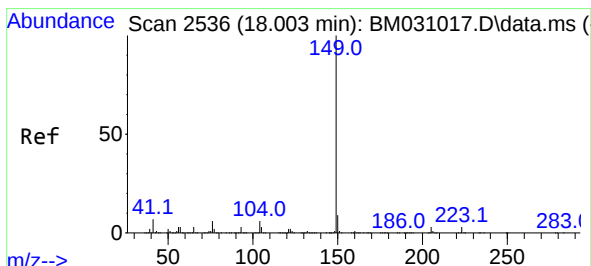
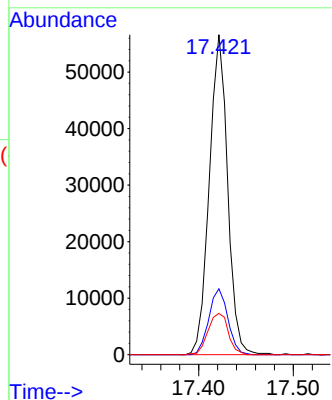
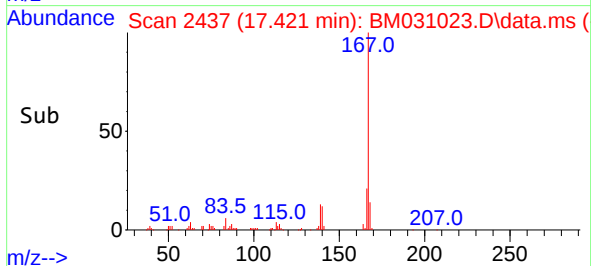




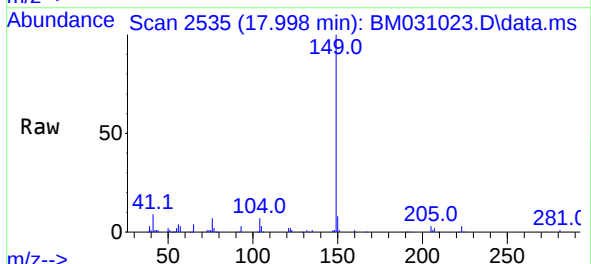
#73
Carbazole
Concen: 3.543 ng
RT: 17.421 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



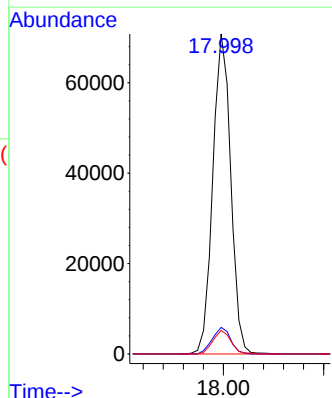
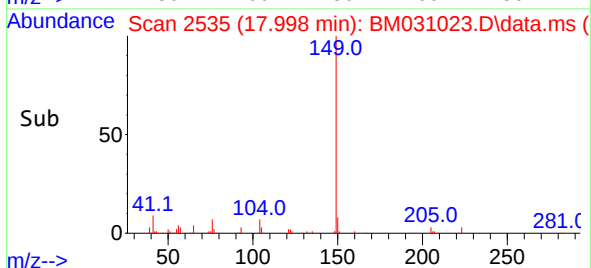
Tgt Ion:167 Resp: 75761
Ion Ratio Lower Upper
167 100
166 20.6 17.4 26.0
139 12.9 9.8 14.6



#74
Di-n-butylphthalate
Concen: 3.490 ng
RT: 17.998 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



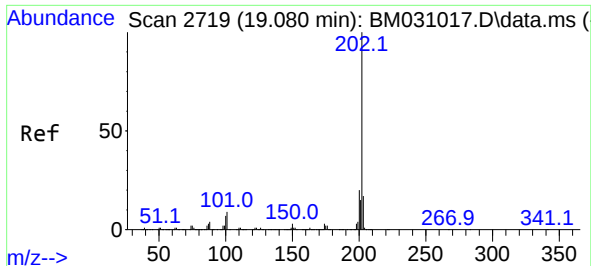
Tgt Ion:149 Resp: 87660
Ion Ratio Lower Upper
149 100
150 8.3 7.2 10.8
104 7.3 4.3 6.5



Instrument :
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ClientSampleId :
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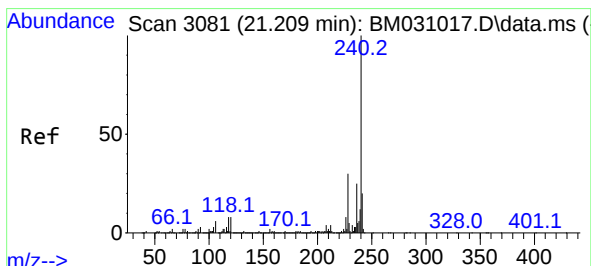
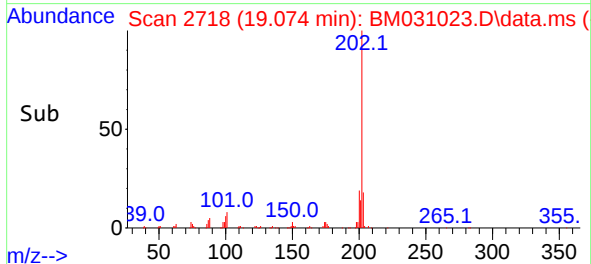
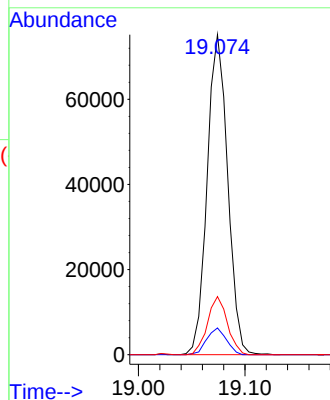
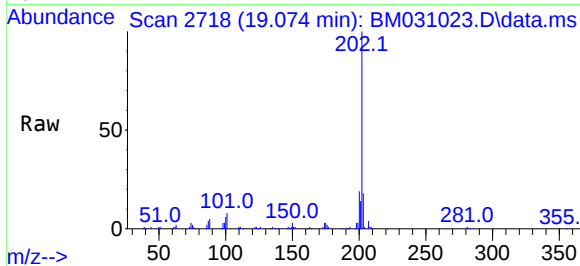
#75
Fluoranthene
Concen: 3.674 ng
RT: 19.074 min Scan# 2718
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	202	Resp:	100696
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.6
203	18.1	0.0	37.3

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

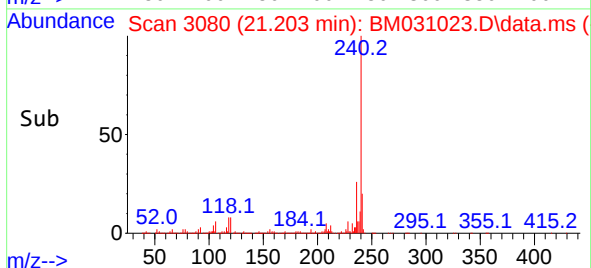
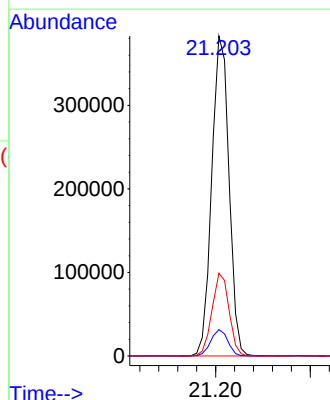
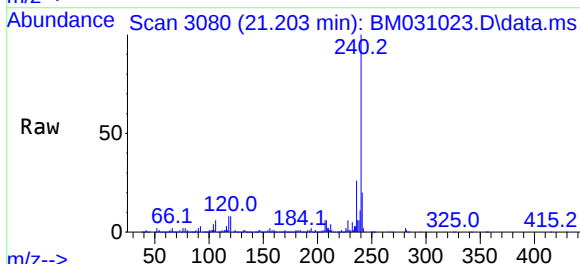
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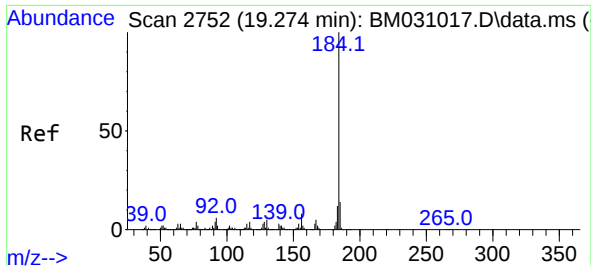
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	240	Resp:	485300
Ion Ratio	Lower	Upper	
240	100		
120	8.2	7.0	10.6
236	25.9	21.0	31.4





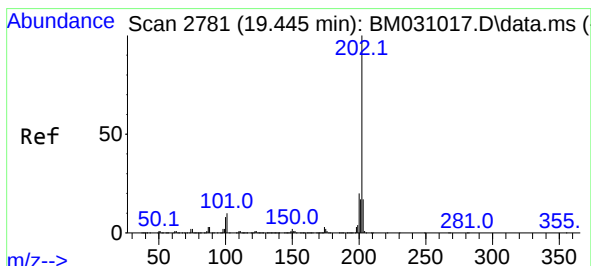
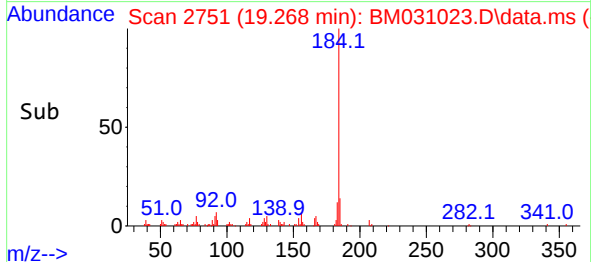
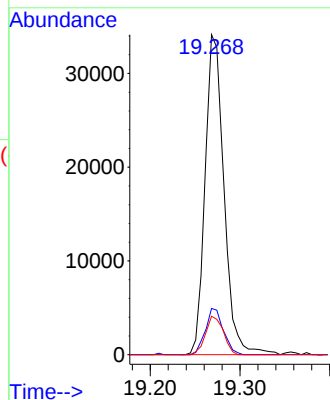
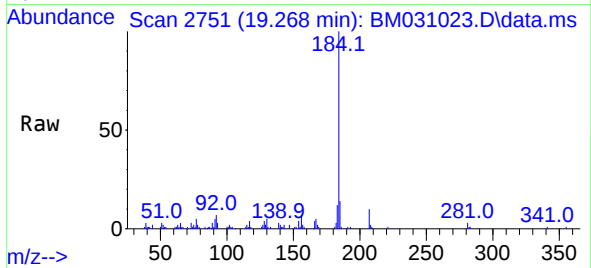
#77
Benzidine
Concen: 4.168 ng
RT: 19.268 min Scan# 2751
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	184	Resp:	49942
Ion Ratio	Lower	Upper	
184	100		
185	14.5	10.9	16.3
183	12.0	9.8	14.8

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

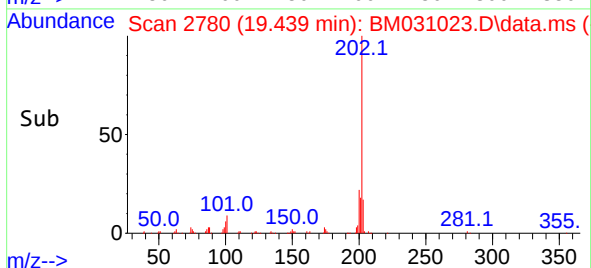
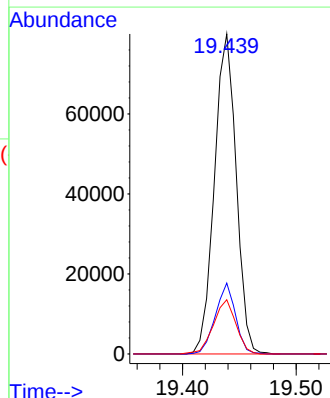
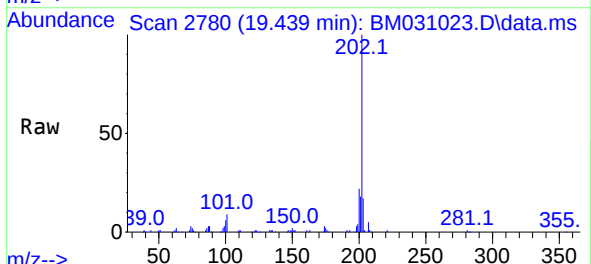
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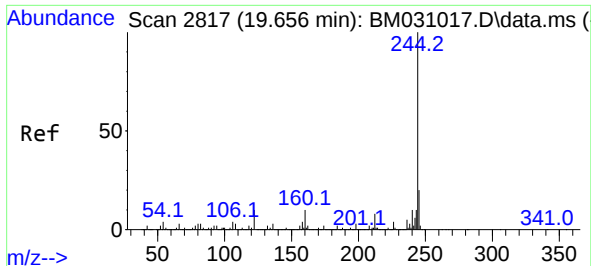
mohammad
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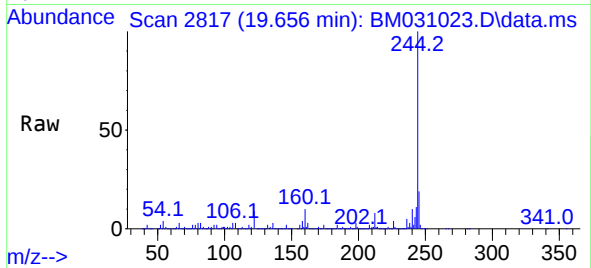
#78
Pyrene
Concen: 3.511 ng
RT: 19.439 min Scan# 2780
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	202	Resp:	106405
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.3	25.9
203	17.0	13.9	20.9

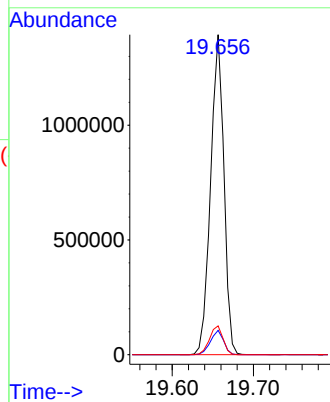
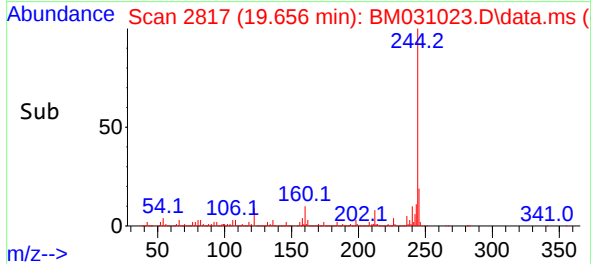




#79
 Terphenyl-d14
 Concen: 64.473 ng
 RT: 19.656 min Scan# 2817
 Delta R.T. 0.000 min
 Lab File: BM031023.D
 Acq: 20 Jul 2021 14:38



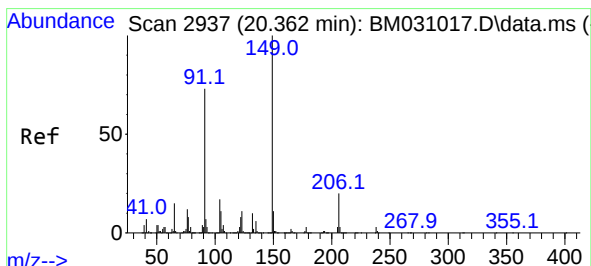
Tgt Ion:244 Resp: 1581396
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 9.0 6.9 10.3



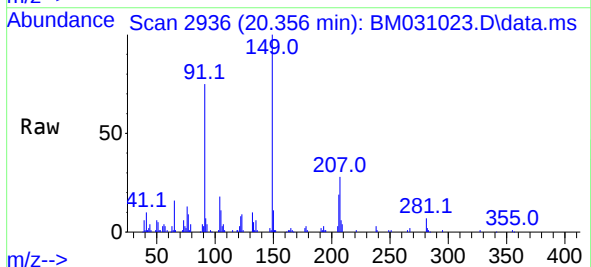
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

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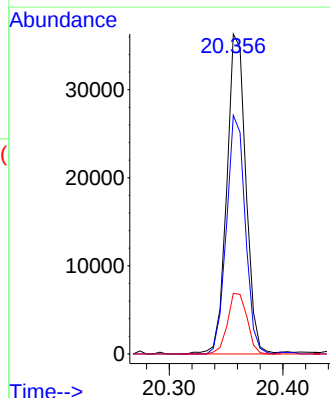
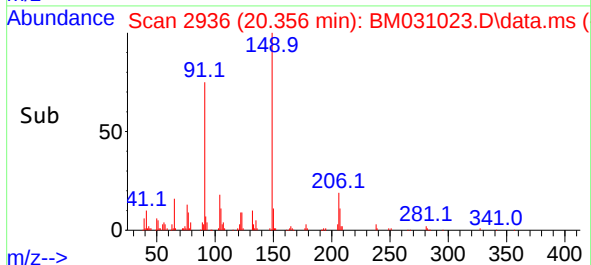
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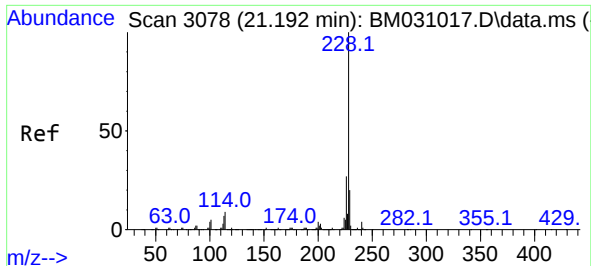


#80
 Butylbenzylphthalate
 Concen: 3.278 ng
 RT: 20.356 min Scan# 2936
 Delta R.T. -0.006 min
 Lab File: BM031023.D
 Acq: 20 Jul 2021 14:38



Tgt Ion:149 Resp: 42411
 Ion Ratio Lower Upper
 149 100
 91 74.6 57.4 86.0
 206 18.9 16.6 25.0





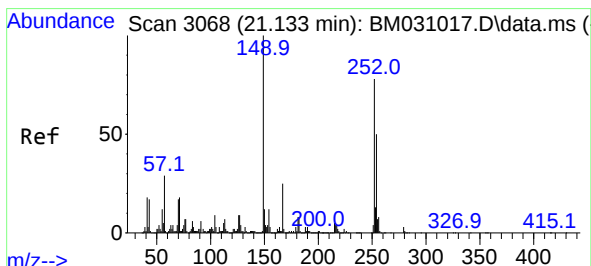
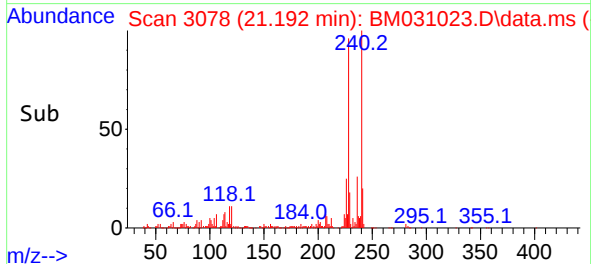
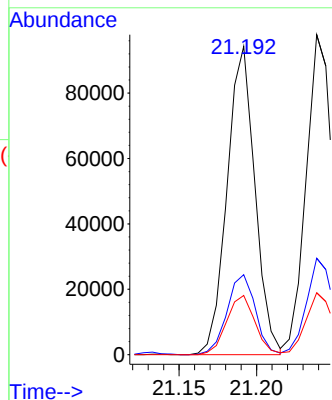
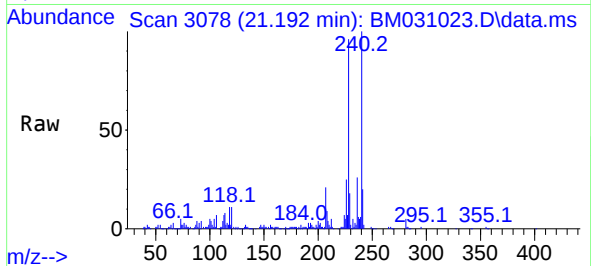
#81
Benzo(a)anthracene
Concen: 3.664 ng
RT: 21.192 min Scan# 3078
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:228 Resp: 117835
Ion Ratio Lower Upper
228 100
226 25.9 22.3 33.5
229 19.2 15.7 23.5

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

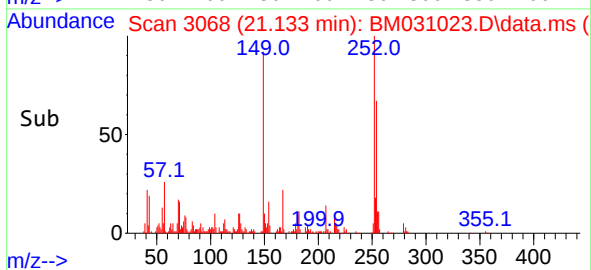
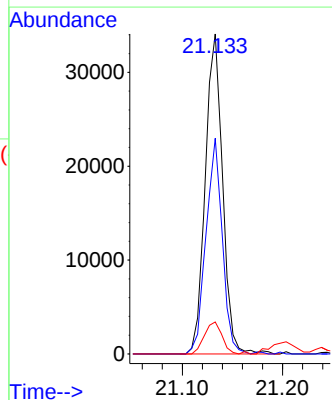
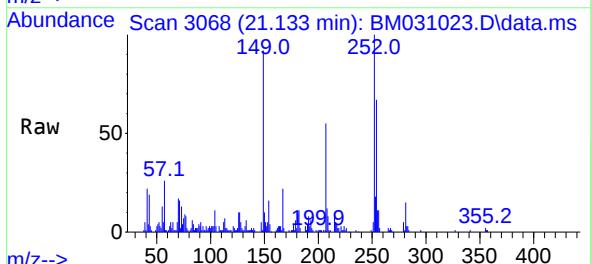
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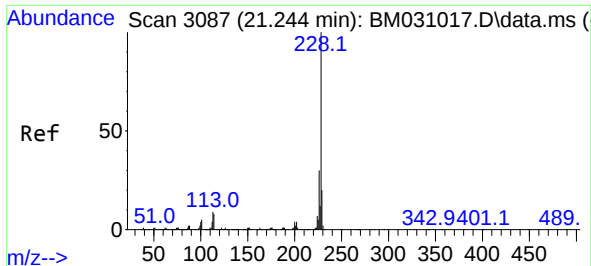
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#82
3,3'-Dichlorobenzidine
Concen: 4.660 ng
RT: 21.133 min Scan# 3068
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:252 Resp: 41087
Ion Ratio Lower Upper
252 100
254 67.4 51.5 77.3
126 10.0 8.6 13.0





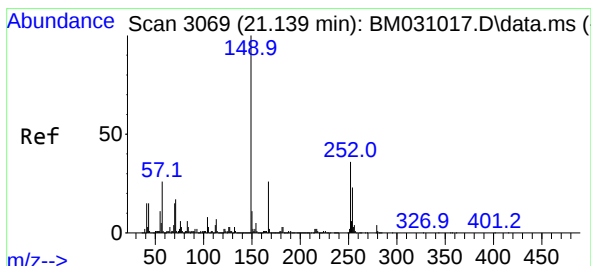
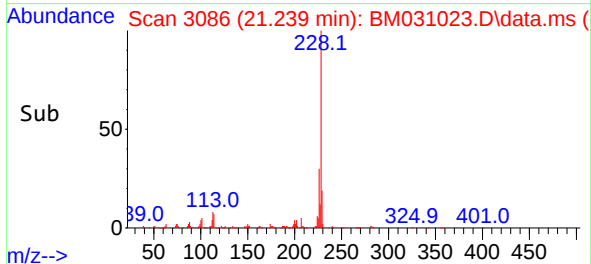
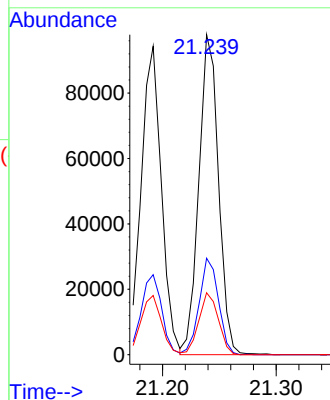
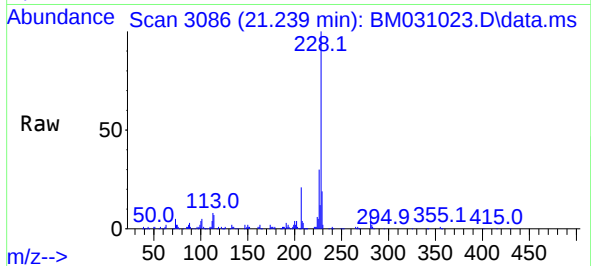
#83
Chrysene
Concen: 3.773 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion: 228 Resp: 117880
Ion Ratio Lower Upper
228 100
226 30.1 24.6 36.8
229 19.3 15.5 23.3

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

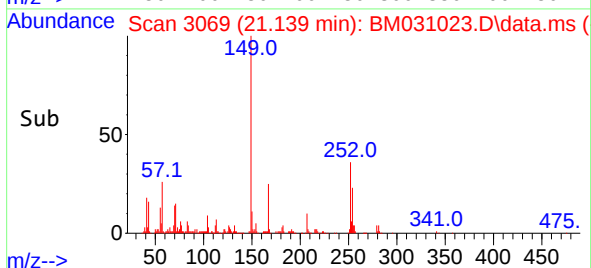
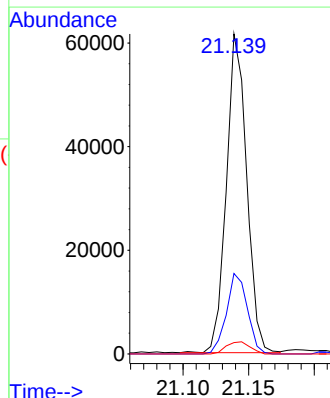
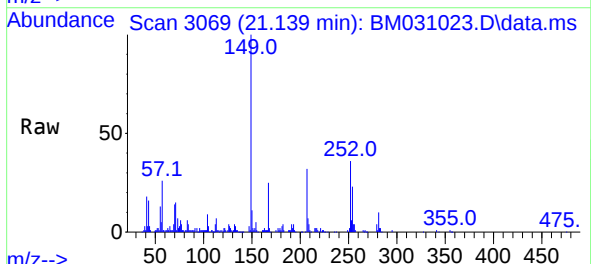
Manual Integrations
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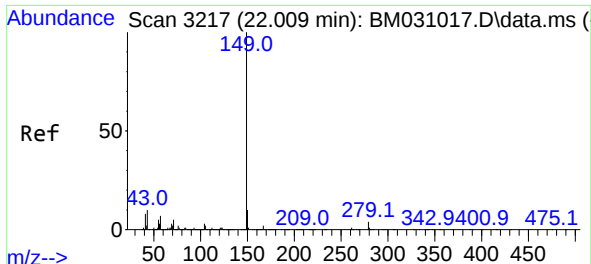
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#84
Bis(2-ethylhexyl)phthalate
Concen: 3.302 ng
RT: 21.139 min Scan# 3069
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

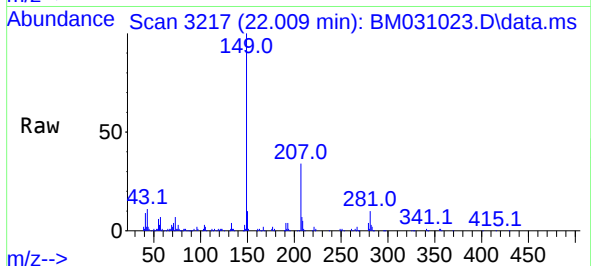
Tgt Ion: 149 Resp: 66205
Ion Ratio Lower Upper
149 100
167 25.2 22.6 33.8
279 3.5 3.8 5.8#





#85
Di-n-octyl phthalate
Concen: 3.423 ng
RT: 22.009 min Scan# 3217
Delta R.T. 0.000 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

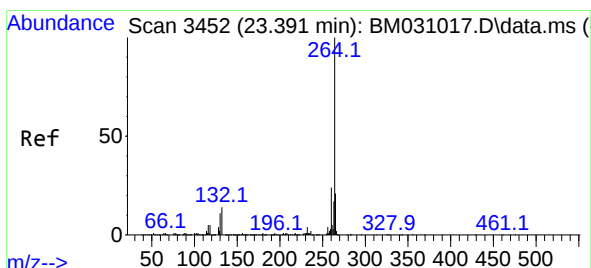
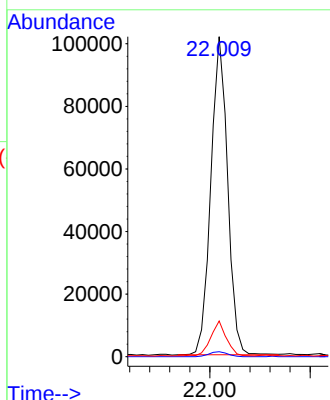
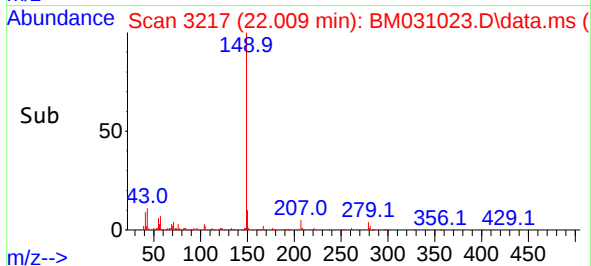
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



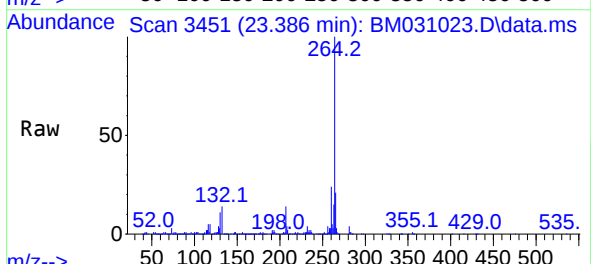
Tgt Ion:149 Resp: 117519
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.2 7.4 11.0

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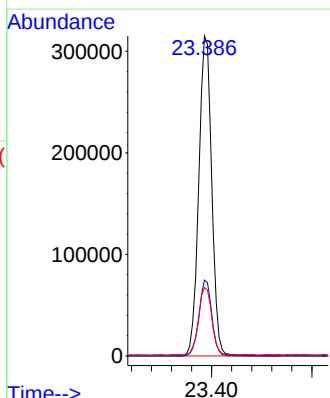
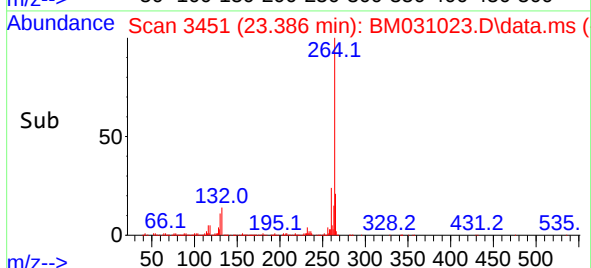
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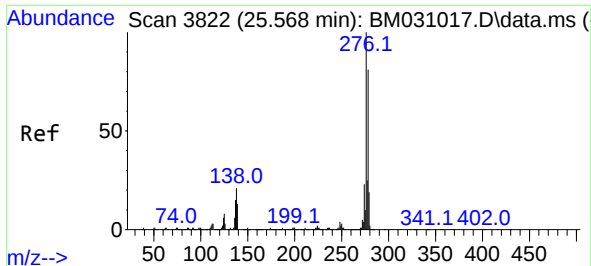


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.386 min Scan# 3451
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion:264 Resp: 564977
Ion Ratio Lower Upper
264 100
260 23.7 19.8 29.8
265 21.4 17.7 26.5





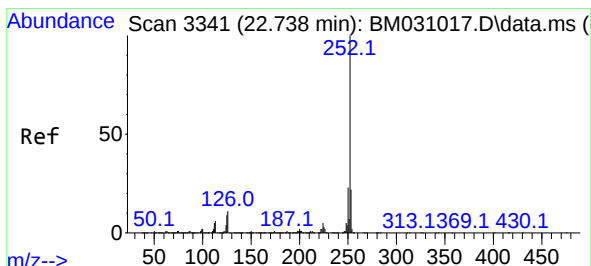
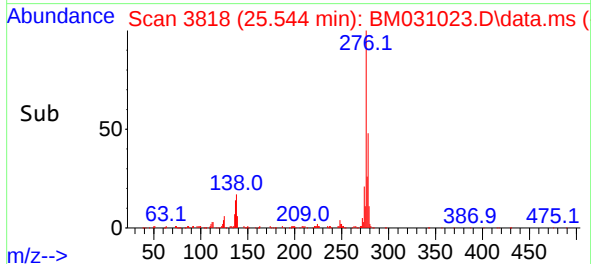
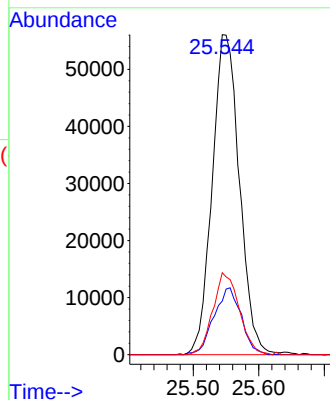
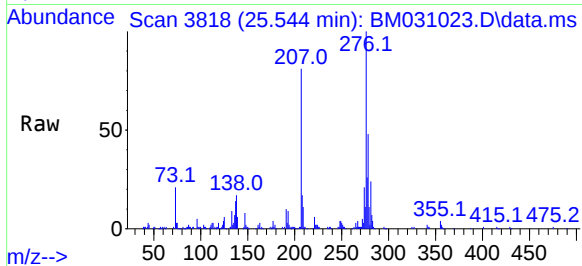
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.996 ng
RT: 25.544 min Scan# 3818
Delta R.T. -0.023 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

Tgt Ion:	276	Resp:	161321
Ion Ratio	Lower	Upper	
276	100		
138	21.0	17.1	25.7
277	24.8	20.3	30.5

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

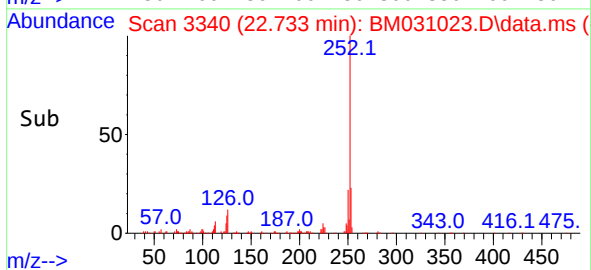
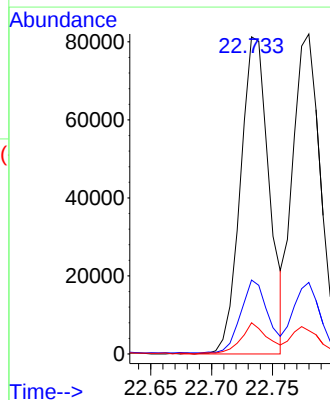
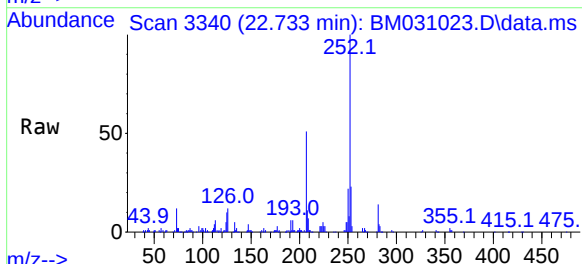
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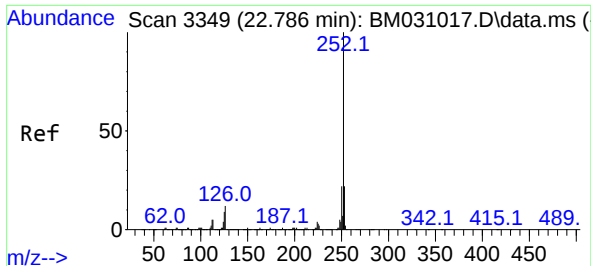
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#88
Benzo(b)fluoranthene
Concen: 3.559 ng
RT: 22.733 min Scan# 3340
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

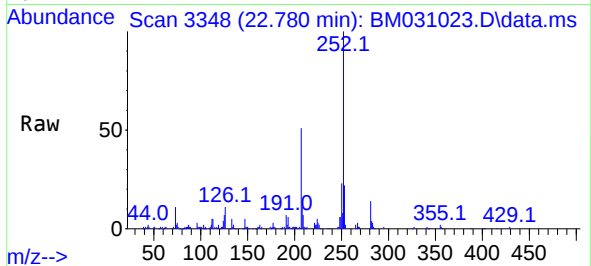
Tgt Ion:	252	Resp:	133237
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.4	26.0
125	9.8	6.8	10.2





#89
Benzo(k)fluoranthene
Concen: 3.711 ng
RT: 22.780 min Scan# 3348
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

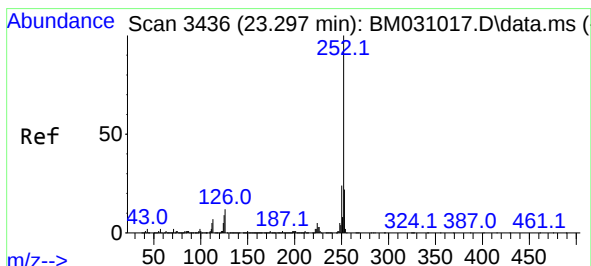
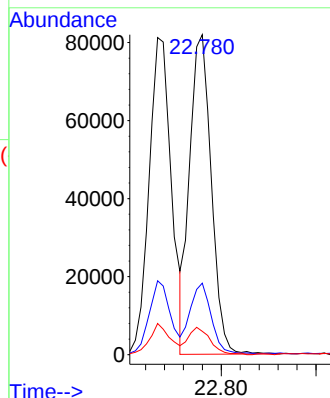
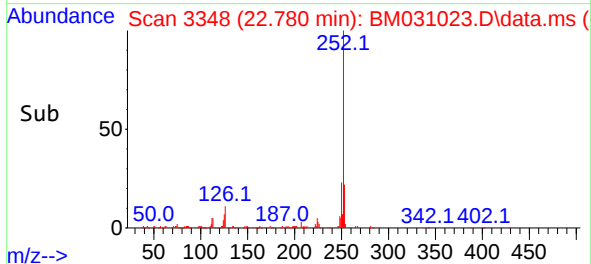
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



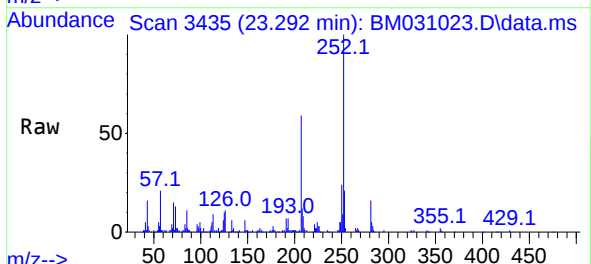
Tgt Ion:252 Resp: 129918
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 7.3 6.2 9.2

Manual Integrations
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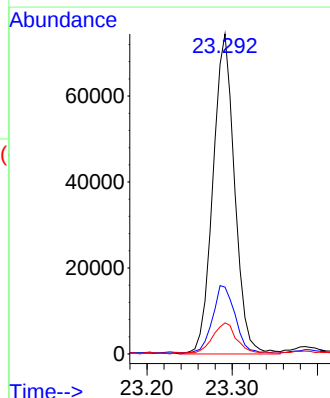
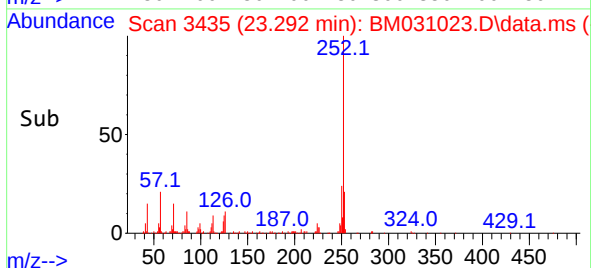
mohammad
7/21/2021 11:26:30 AM

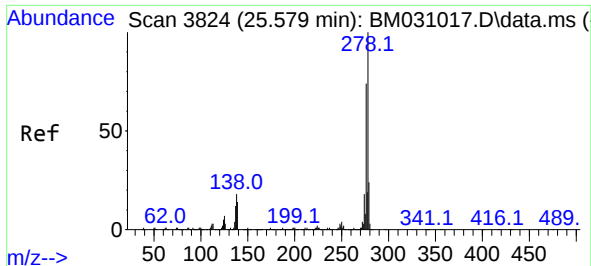


#90
Benzo(a)pyrene
Concen: 3.909 ng
RT: 23.292 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



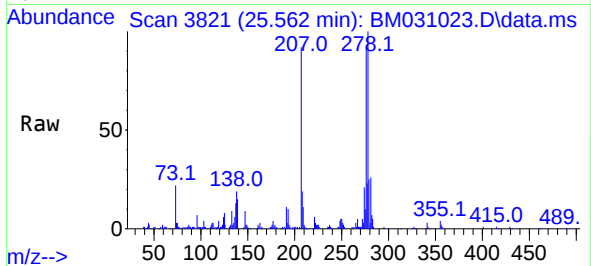
Tgt Ion:252 Resp: 131722
Ion Ratio Lower Upper
252 100
253 20.9 17.7 26.5
125 9.7 7.3 10.9





#91
Dibenzo(a,h)anthracene
Concen: 3.884 ng
RT: 25.562 min Scan# 3821
Delta R.T. -0.017 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38

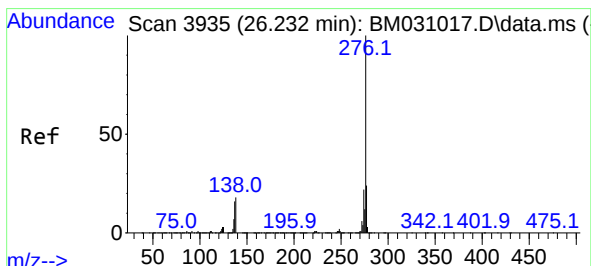
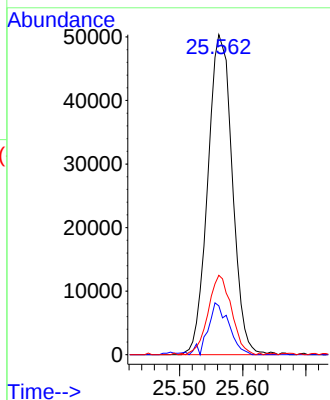
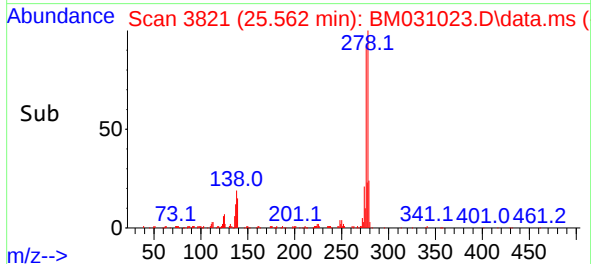
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



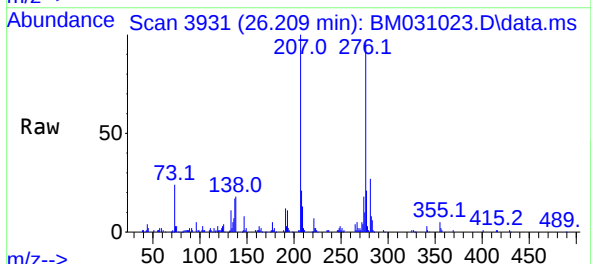
Tgt Ion:278 Resp: 135734
Ion Ratio Lower Upper
278 100
139 15.3 11.0 16.4
279 24.8 18.7 28.1

Manual Integrations
APPROVED

mohammad
7/21/2021 11:26:30 AM



#92
Benzo(g,h,i)perylene
Concen: 4.082 ng
RT: 26.209 min Scan# 3931
Delta R.T. -0.023 min
Lab File: BM031023.D
Acq: 20 Jul 2021 14:38



Tgt Ion:276 Resp: 135920
Ion Ratio Lower Upper
276 100
277 22.4 19.4 29.2
138 18.4 14.4 21.6

