

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
 Data File : BM034258.D
 Acq On : 16 Mar 2022 14:25
 Operator : CG/JU
 Sample : N1645-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022

Quant Time: Mar 16 14:54:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 16 02:38:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 03/17/2022
 Supervised By : Jagrut Upadhyay 03/17/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	155070	20.000	ng	0.00
21) Naphthalene-d8	10.760	136	565968	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	328869	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	611122	20.000	ng	0.00
76) Chrysene-d12	21.495	240	573784	20.000	ng	0.00
86) Perylene-d12	23.912	264	602868	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	1293671	149.661	ng	0.00
7) Phenol-d6	7.107	99	1670661	134.990	ng	0.00
23) Nitrobenzene-d5	9.107	82	908702	78.170	ng	0.00
42) 2,4,6-Tribromophenol	16.071	330	599411	135.224	ng	0.00
45) 2-Fluorobiphenyl	13.219	172	1928871	80.147	ng	0.00
79) Terphenyl-d14	19.942	244	2565399	77.689	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.360	88	13686	3.499	ng	# 91
3) Pyridine	3.778	79	30468	2.879	ng	# 91
4) n-Nitrosodimethylamine	3.672	42	19222	3.825	ng	# 86
6) Aniline	7.266	93	48921	3.459	ng	98
8) 2-Chlorophenol	7.507	128	33810	3.344	ng	94
9) Benzaldehyde	7.078	77	33701m	5.054	ng	
10) Phenol	7.131	94	40336	3.277	ng	88
11) bis(2-Chloroethyl)ether	7.366	93	33370	3.303	ng	94
12) 1,3-Dichlorobenzene	7.837	146	39361	3.432	ng	95
13) 1,4-Dichlorobenzene	7.984	146	40198	3.424	ng	98
14) 1,2-Dichlorobenzene	8.301	146	38621	3.374	ng	98
15) Benzyl Alcohol	8.184	79	27151	2.757	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.478	45	45225	3.262	ng	99
17) 2-Methylphenol	8.390	107	25640	2.974	ng	92
18) Hexachloroethane	9.037	117	14938	3.450	ng	94
19) n-Nitroso-di-n-propyla...	8.754	70	24752	2.765	ng	99
20) 3+4-Methylphenols	8.719	107	31784	2.666	ng	99
22) Acetophenone	8.772	105	50292	3.463	ng	# 95
24) Nitrobenzene	9.148	77	40802	3.759	ng	97
25) Isophorone	9.678	82	63509	3.265	ng	99
26) 2-Nitrophenol	9.872	139	13139	2.730	ng	98
27) 2,4-Dimethylphenol	9.931	122	25342	3.363	ng	97
28) bis(2-Chloroethoxy)met...	10.166	93	38920	3.125	ng	99
29) 2,4-Dichlorophenol	10.407	162	23801	2.718	ng	96
30) 1,2,4-Trichlorobenzene	10.625	180	34290	3.445	ng	96
31) Naphthalene	10.807	128	100459	3.407	ng	98
32) Benzoic acid	9.978	122	9866m	1.583	ng	
33) 4-Chloroaniline	10.919	127	32200	2.768	ng	93
34) Hexachlorobutadiene	11.107	225	21959	3.483	ng	92
35) Caprolactam	11.672	113	6162	2.024	ng	97
36) 4-Chloro-3-methylphenol	12.036	107	26359	2.627	ng	97
37) 2-Methylnaphthalene	12.419	142	65403	3.109	ng	96
38) 1-Methylnaphthalene	12.636	142	64385	3.128	ng	95
40) 1,2,4,5-Tetrachloroben...	12.789	216	36807	3.709	ng	98
41) Hexachlorocyclopentadiene	12.772	237	22640	3.940	ng	99
43) 2,4,6-Trichlorophenol	13.025	196	18925	2.762	ng	98

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Instrument :
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 LOD-MDL-WATER-01-QT1-2022

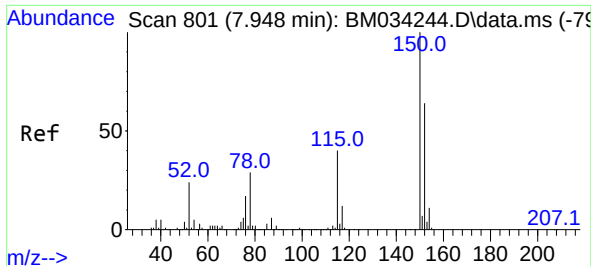
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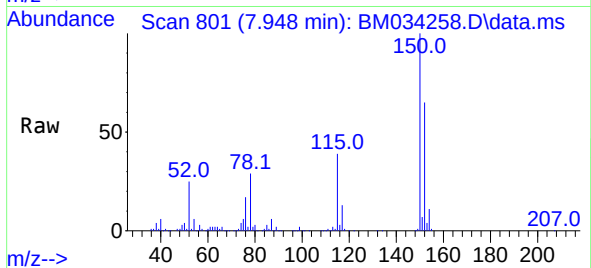
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	19331	2.628	ng	# 97
46) 1,1'-Biphenyl	13.425	154	89913	3.586	ng	100
47) 2-Chloronaphthalene	13.466	162	66684	3.465	ng	98
48) 2-Nitroaniline	13.666	65	13440	2.284	ng	92
49) Acenaphthylene	14.307	152	100592	3.353	ng	98
50) Dimethylphthalate	14.042	163	77859	3.111	ng	99
51) 2,6-Dinitrotoluene	14.154	165	14368	2.799	ng	94
52) Acenaphthene	14.648	154	64031	3.169	ng	97
53) 3-Nitroaniline	14.489	138	9183	1.783	ng	81
54) 2,4-Dinitrophenol	14.689	184	3462	1.204	ng	# 88
55) Dibenzofuran	14.983	168	97082	3.224	ng	99
56) 4-Nitrophenol	14.795	139	6185m	1.481	ng	
57) 2,4-Dinitrotoluene	14.942	165	16322	2.352	ng	92
58) Fluorene	15.630	166	74880	3.063	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.207	232	18486	2.787	ng	98
60) Diethylphthalate	15.401	149	75937	2.957	ng	99
61) 4-Chlorophenyl-phenyle...	15.624	204	39356	3.153	ng	96
62) 4-Nitroaniline	15.642	138	8132m	1.641	ng	
63) Azobenzene	15.918	77	68224	2.755	ng	98
65) 4,6-Dinitro-2-methylph...	15.701	198	7624	1.919	ng	92
66) n-Nitrosodiphenylamine	15.836	169	62220	3.205	ng	95
67) 4-Bromophenyl-phenylether	16.518	248	22260	3.169	ng	91
68) Hexachlorobenzene	16.636	284	27294	3.483	ng	99
69) Atrazine	16.783	200	19889	3.108	ng	97
70) Pentachlorophenol	16.971	266	12359	2.466	ng	97
71) Phenanthrene	17.365	178	114336	3.341	ng	99
72) Anthracene	17.460	178	105472	3.166	ng	98
73) Carbazole	17.724	167	70940	2.283	ng	98
74) Di-n-butylphthalate	18.295	149	105554	2.733	ng	98
75) Fluoranthene	19.377	202	113982	2.971	ng	99
77) Benzidine	19.601	184	21947m	2.610	ng	
78) Pyrene	19.742	202	126820	3.137	ng	97
80) Butylbenzylphthalate	20.630	149	41298	2.416	ng	97
81) Benzo(a)anthracene	21.477	228	111237	3.072	ng	98
82) 3,3'-Dichlorobenzidine	21.418	252	30238	2.500	ng	99
83) Chrysene	21.530	228	123301	3.334	ng	99
84) Bis(2-ethylhexyl)phtha...	21.412	149	63791	2.527	ng	98
85) Di-n-octyl phthalate	22.336	149	103121	2.573	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.424	276	107964	2.784	ng	97
88) Benzo(b)fluoranthene	23.177	252	102869	2.853	ng	96
89) Benzo(k)fluoranthene	23.224	252	121512	3.182	ng	99
90) Benzo(a)pyrene	23.800	252	102825	3.365	ng	98
91) Dibenzo(a,h)anthracene	26.441	278	102621	3.263	ng	96
92) Benzo(g,h,i)perylene	27.188	276	115448	3.547	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.948 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

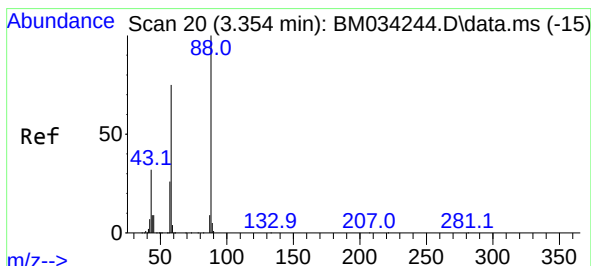
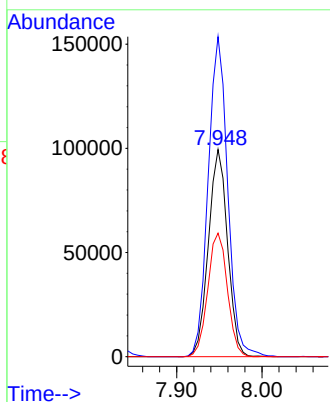
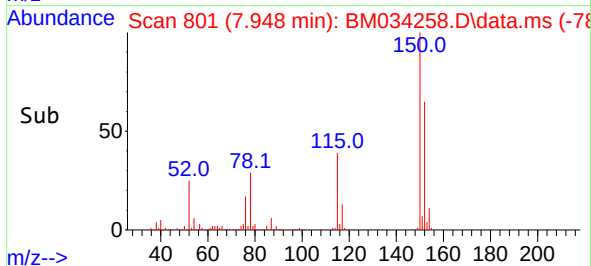
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



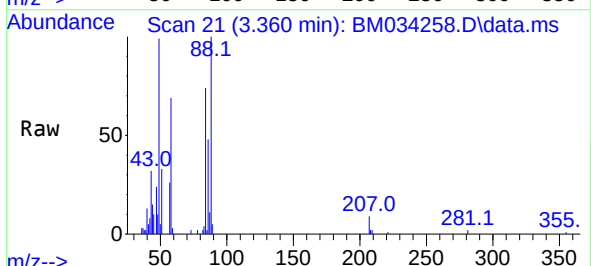
Tgt Ion:152 Resp: 155070
Ion Ratio Lower Upper
152 100
150 154.5 125.4 188.2
115 59.7 50.1 75.1

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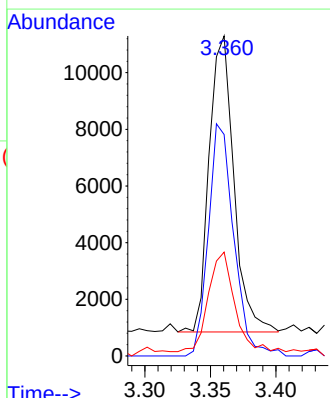
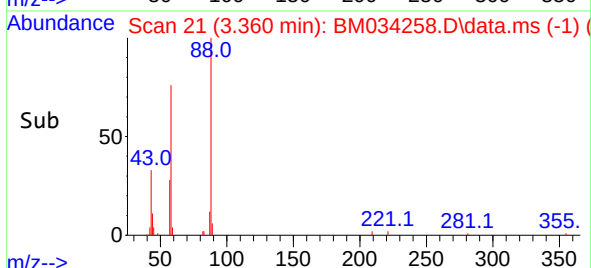
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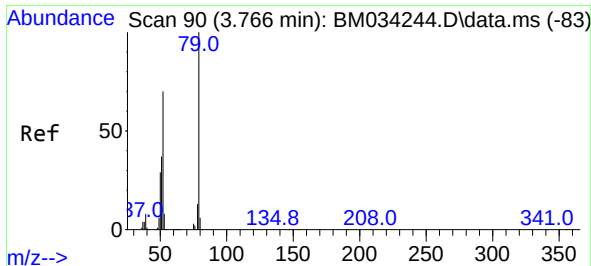


#2
1,4-Dioxane
Concen: 3.499 ng
RT: 3.360 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



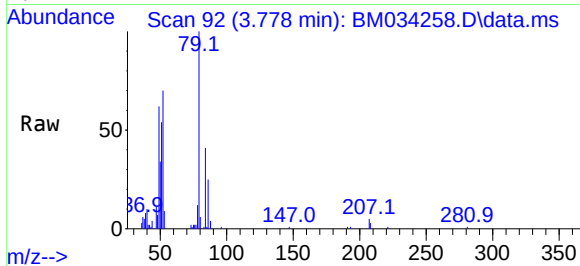
Tgt Ion: 88 Resp: 13686
Ion Ratio Lower Upper
88 100
58 80.9 60.4 90.6
43 39.6 25.4 38.0





#3
Pyridine
Concen: 2.879 ng
RT: 3.778 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

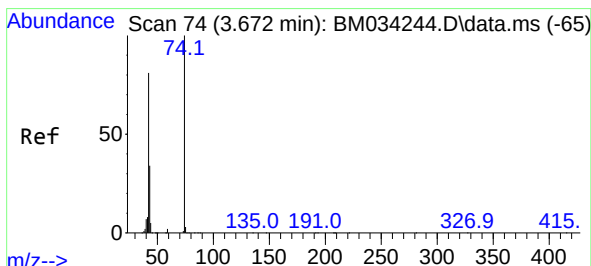
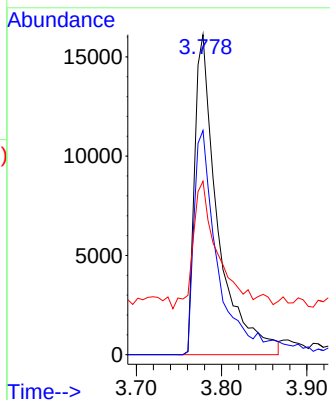
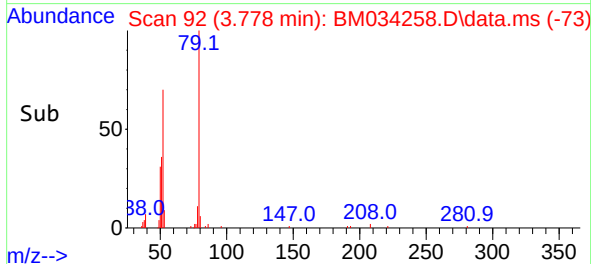
Instrument :
BNA_M
ClientSampleId :
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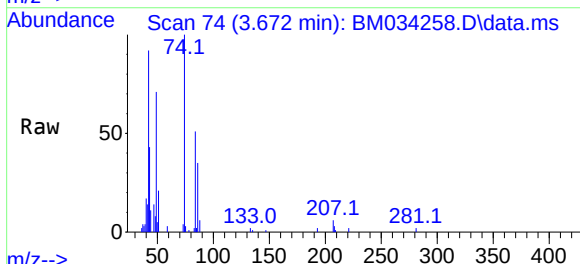
Tgt Ion: 79 Resp: 3046
Ion Ratio Lower Upper
79 100
52 70.0 56.1 84.1
51 54.2 30.4 45.6

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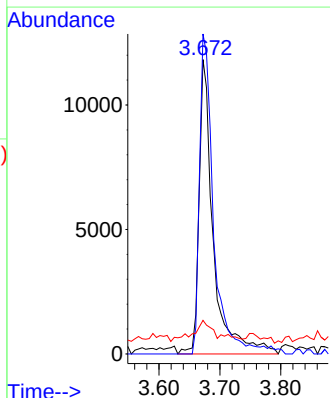
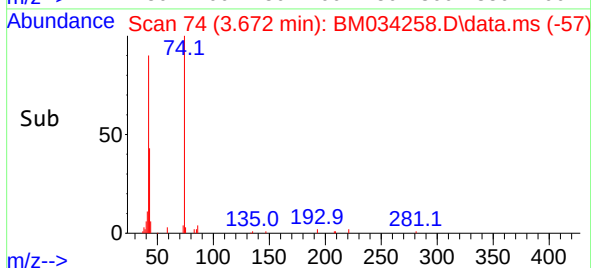
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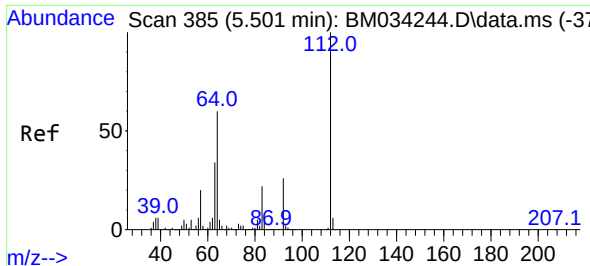


#4
n-Nitrosodimethylamine
Concen: 3.825 ng
RT: 3.672 min Scan# 74
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



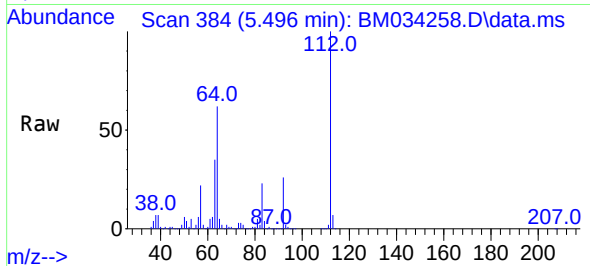
Tgt Ion: 42 Resp: 19222
Ion Ratio Lower Upper
42 100
74 108.7 99.3 148.9
44 11.4 5.0 7.6





#5
2-Fluorophenol
Concen: 149.661 ng
RT: 5.496 min Scan# 384
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

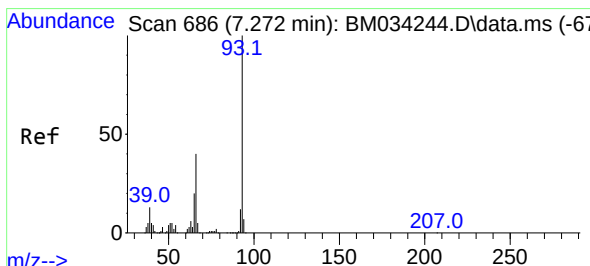
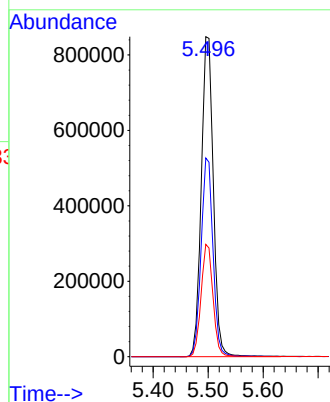
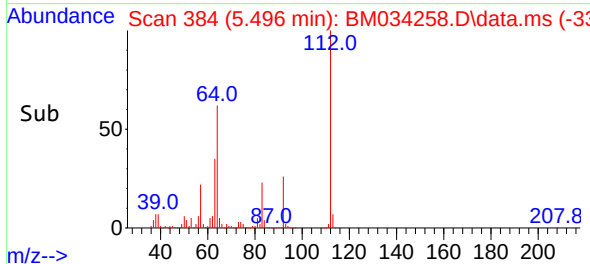
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT1-2022



Tgt Ion: 112 Resp: 129367
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 35.1 27.1 40.7

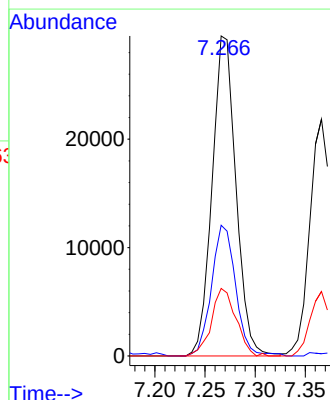
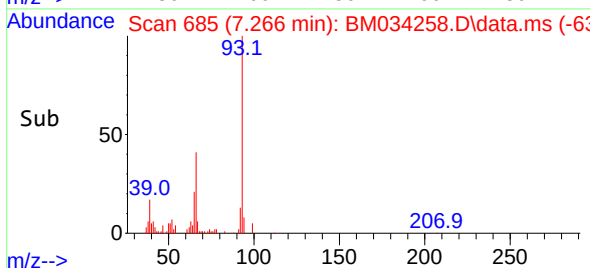
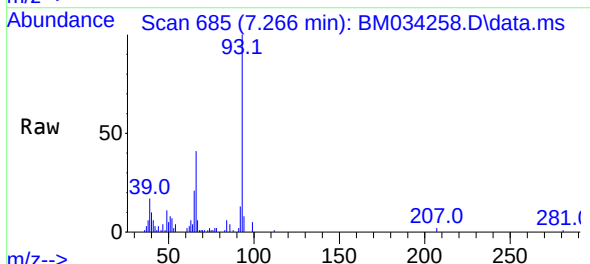
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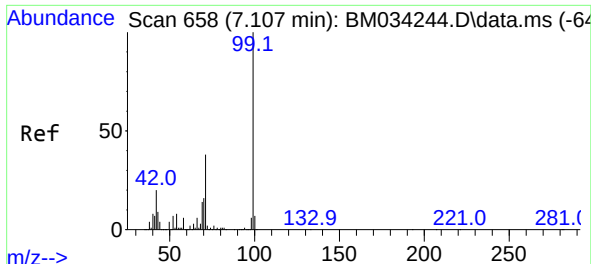
Reviewed By :Christian Giraldo 03/17/2022
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#6
Aniline
Concen: 3.459 ng
RT: 7.266 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

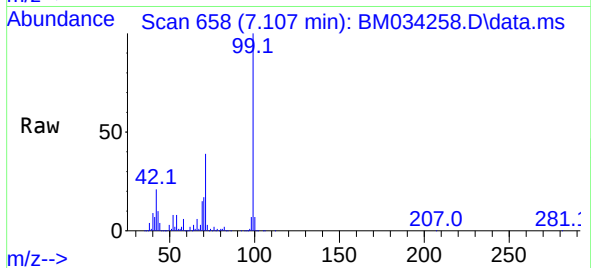
Tgt Ion: 93 Resp: 48921
Ion Ratio Lower Upper
93 100
66 40.9 31.9 47.9
65 21.1 16.2 24.4





#7
Phenol-d6
Concen: 134.990 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

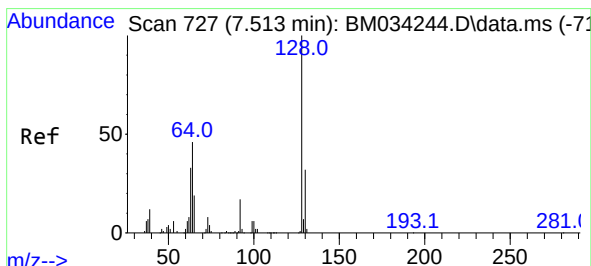
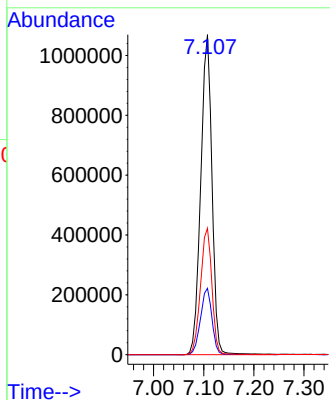
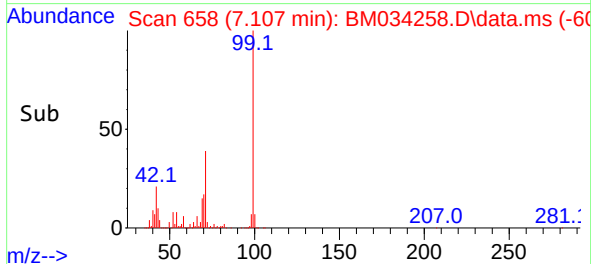
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Tgt Ion: 99 Resp: 167066
Ion Ratio Lower Upper
99 100
42 20.7 15.6 23.4
71 39.5 30.6 46.0

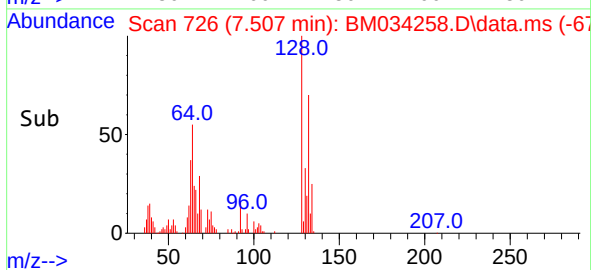
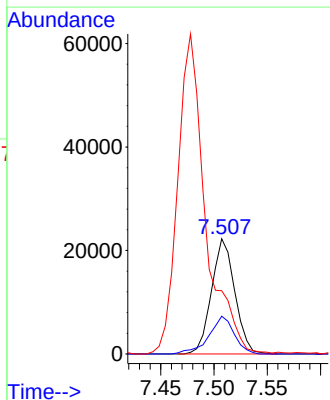
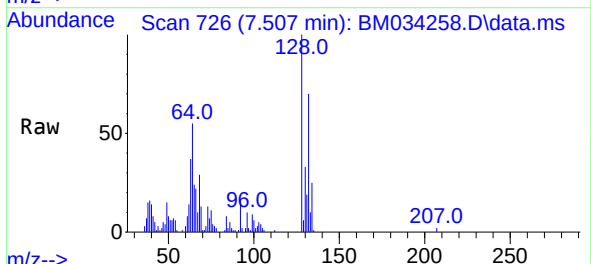
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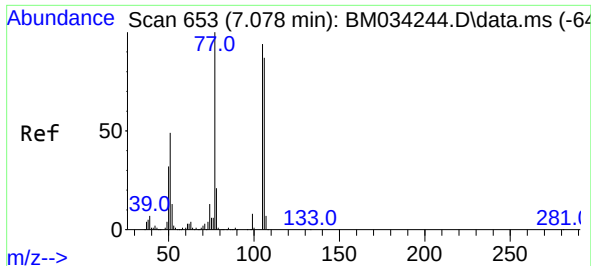
Reviewed By :Christian Giraldo 03/17/2022
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#8
2-Chlorophenol
Concen: 3.344 ng
RT: 7.507 min Scan# 726
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

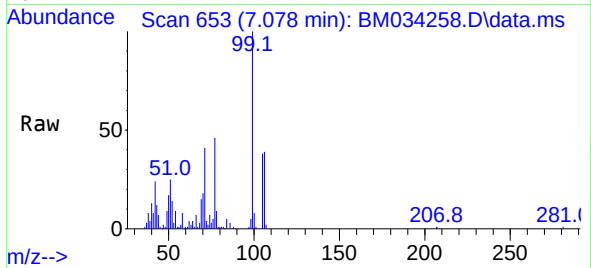
Tgt Ion:128 Resp: 33810
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 54.8 28.1 68.1





#9
Benzaldehyde
Concen: 5.054 ng m
RT: 7.078 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

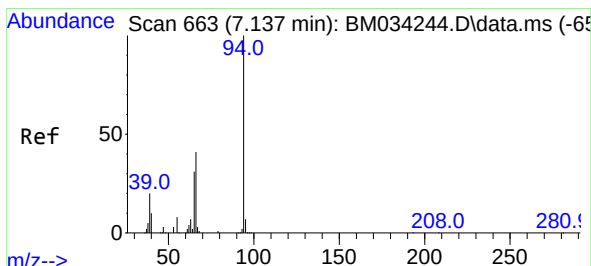
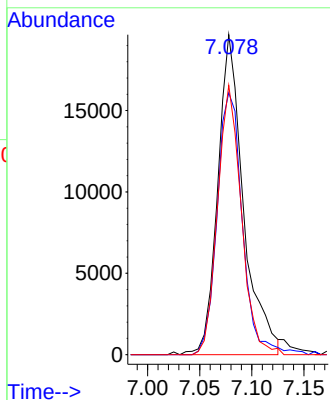
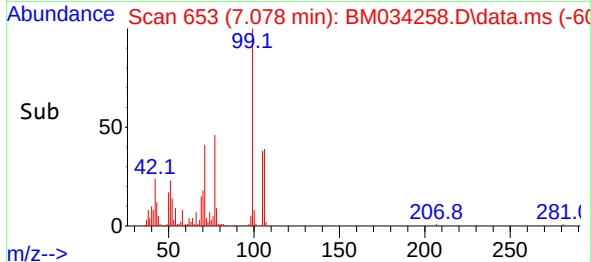
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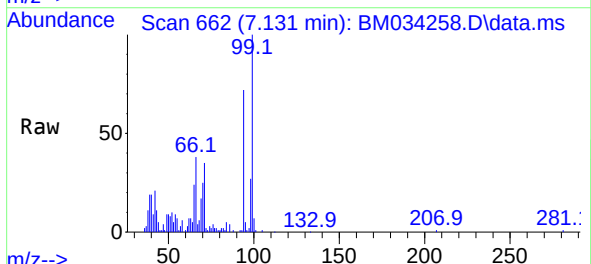
Tgt Ion: 77 Resp: 3370
Ion Ratio Lower Upper
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105 81.8 73.9 113.9
106 84.1 67.2 107.2

Manual Integrations
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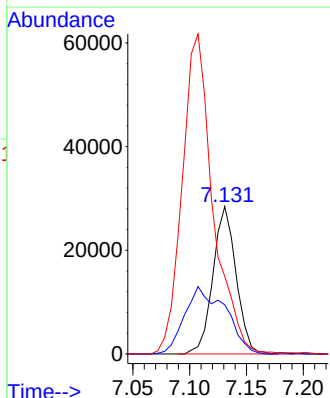
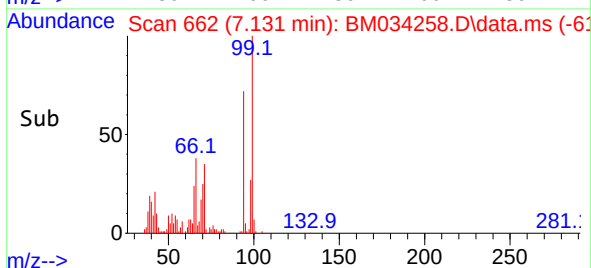
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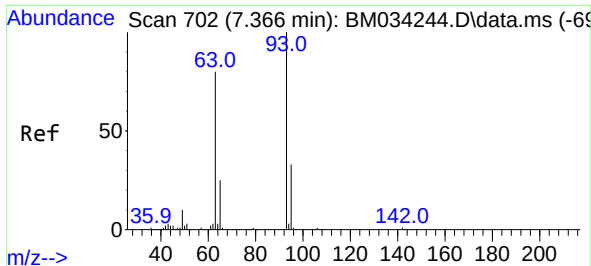


#10
Phenol
Concen: 3.277 ng
RT: 7.131 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



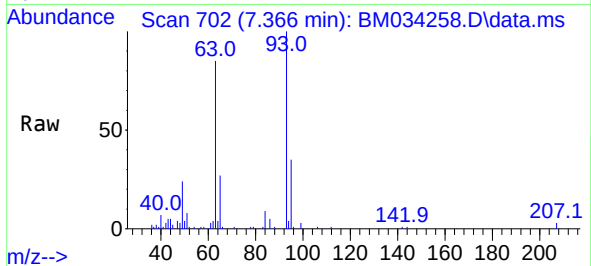
Tgt Ion: 94 Resp: 40336
Ion Ratio Lower Upper
94 100
65 33.4 10.9 50.9
66 52.6 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 3.303 ng
RT: 7.366 min Scan# 702
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

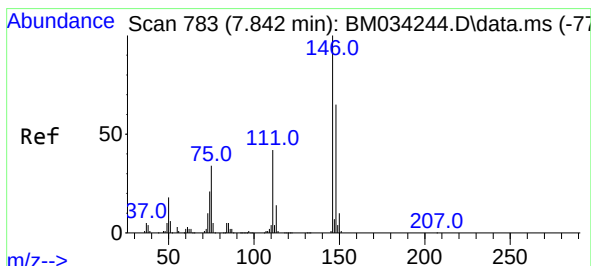
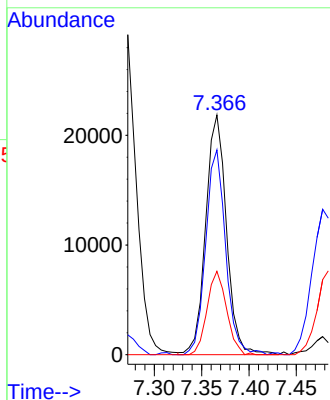
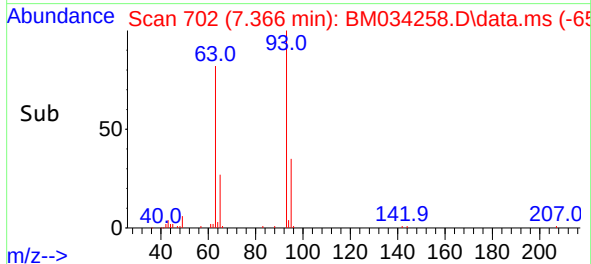
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



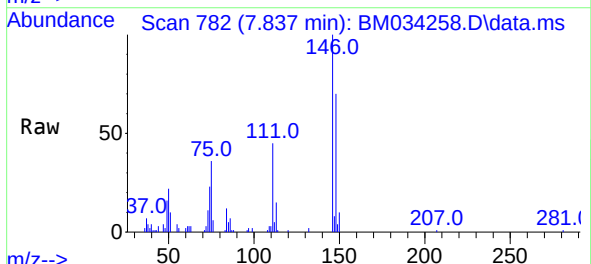
Tgt Ion: 93 Resp: 33370
Ion Ratio Lower Upper
93 100
63 85.5 59.6 99.6
95 34.8 12.6 52.6

Manual Integrations
APPROVED

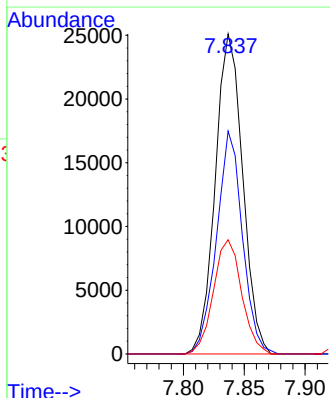
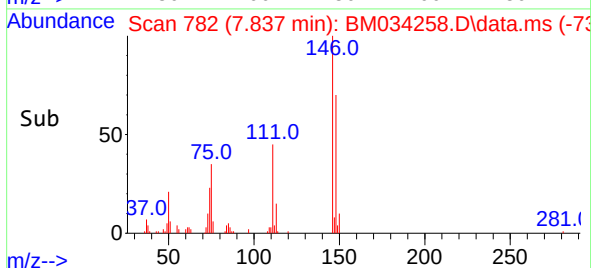
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

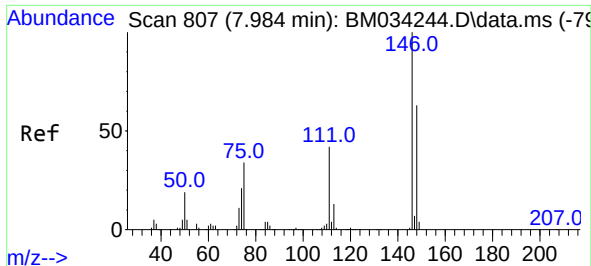


#12
1,3-Dichlorobenzene
Concen: 3.432 ng
RT: 7.837 min Scan# 782
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



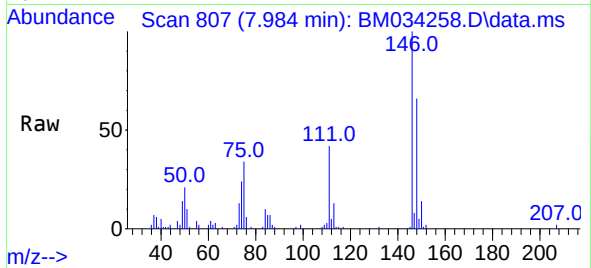
Tgt Ion:146 Resp: 39361
Ion Ratio Lower Upper
146 100
148 69.6 51.8 77.8
75 35.7 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 3.424 ng
RT: 7.984 min Scan# 807
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

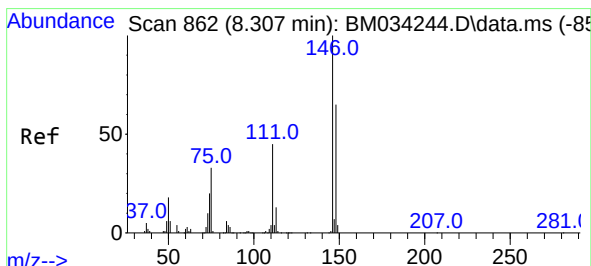
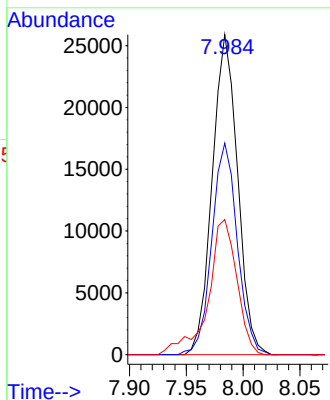
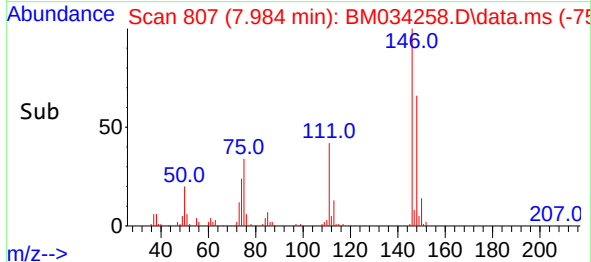
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



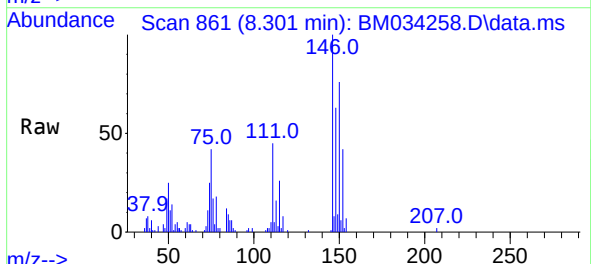
Tgt Ion:146 Resp: 40198
Ion Ratio Lower Upper
146 100
148 66.1 50.6 76.0
111 42.2 34.0 51.0

Manual Integrations
APPROVED

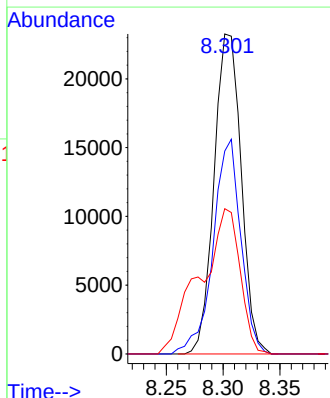
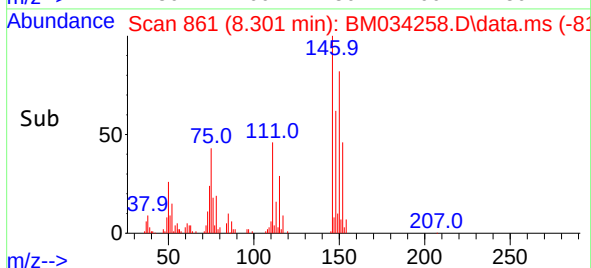
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

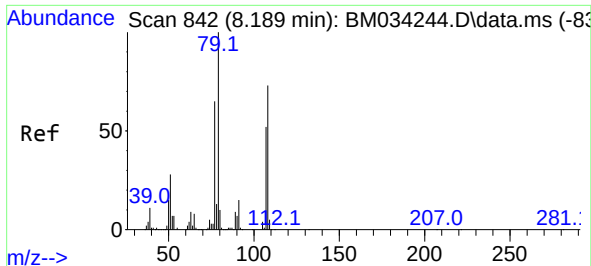


#14
1,2-Dichlorobenzene
Concen: 3.374 ng
RT: 8.301 min Scan# 861
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



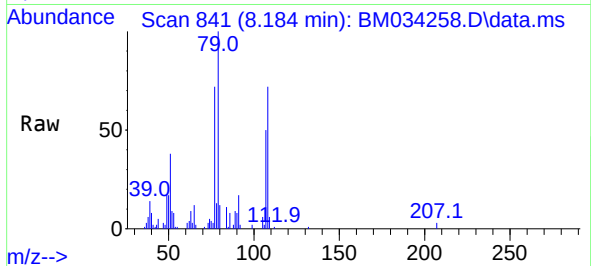
Tgt Ion:146 Resp: 38621
Ion Ratio Lower Upper
146 100
148 63.4 52.2 78.4
111 45.4 35.8 53.8





#15
Benzyl Alcohol
Concen: 2.757 ng
RT: 8.184 min Scan# 841
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

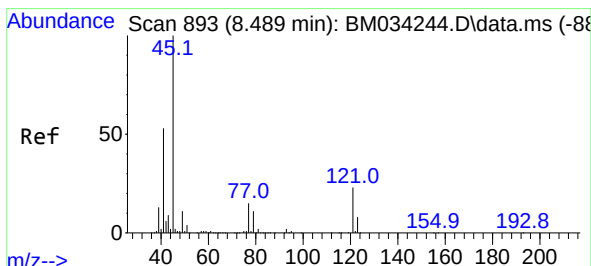
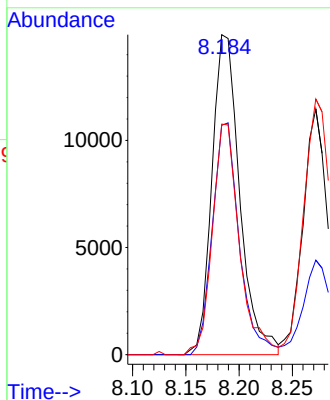
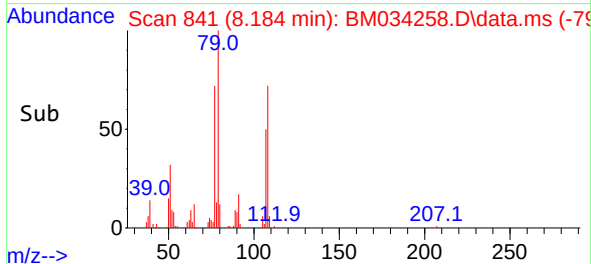
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



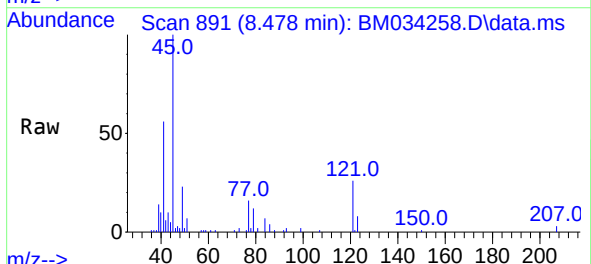
Tgt Ion: 79 Resp: 2715
Ion Ratio Lower Upper
79 100
108 71.7 58.1 87.1
77 72.1 51.8 77.6

Manual Integrations
APPROVED

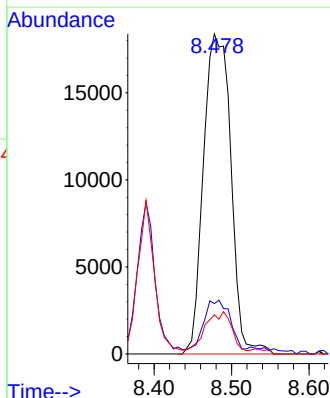
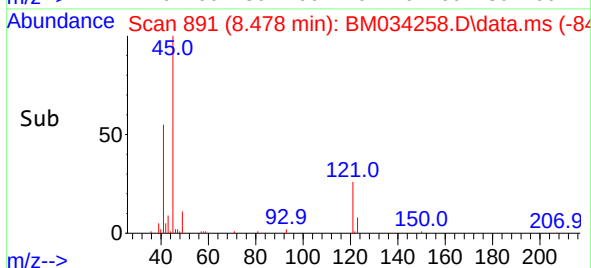
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

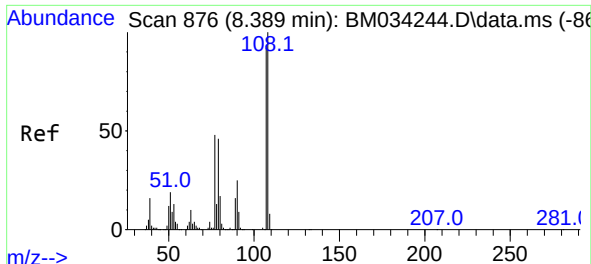


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.262 ng
RT: 8.478 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



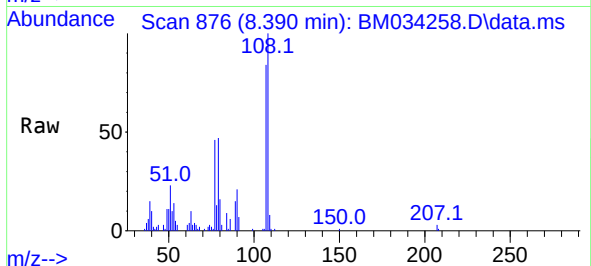
Tgt Ion: 45 Resp: 45225
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.7
79 12.2 0.0 31.7





#17
2-Methylphenol
Concen: 2.974 ng
RT: 8.390 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

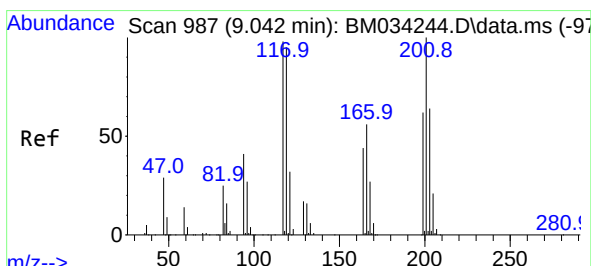
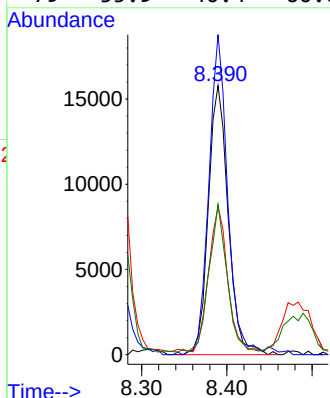
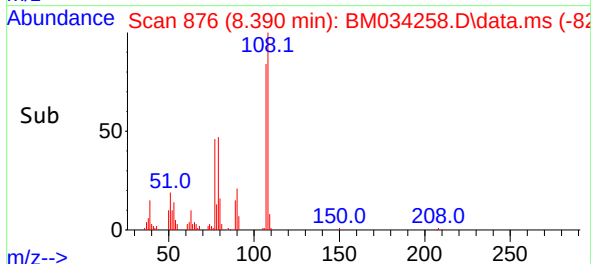


Tgt Ion:107 Resp: 25640

Ion	Ratio	Lower	Upper
107	100		
108	118.9	87.3	130.9
77	55.2	41.6	62.4
79	55.9	40.4	60.6

Manual Integrations
APPROVED

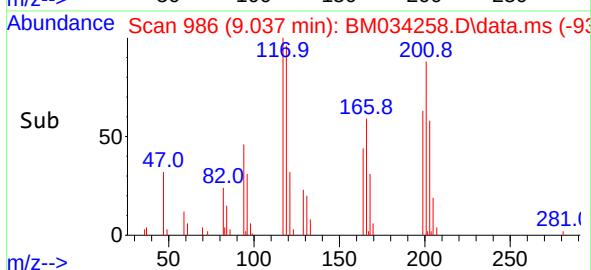
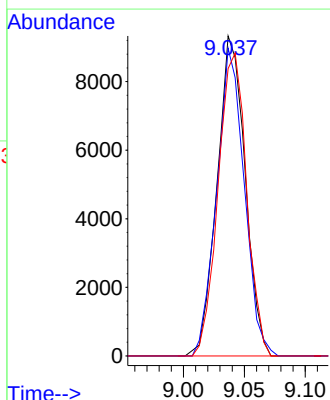
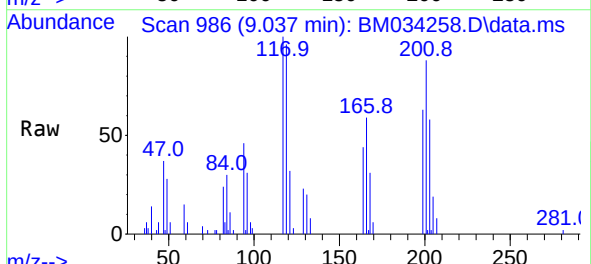
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

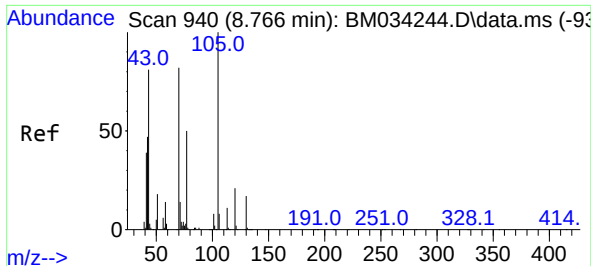


#18
Hexachloroethane
Concen: 3.450 ng
RT: 9.037 min Scan# 986
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion:117 Resp: 14938

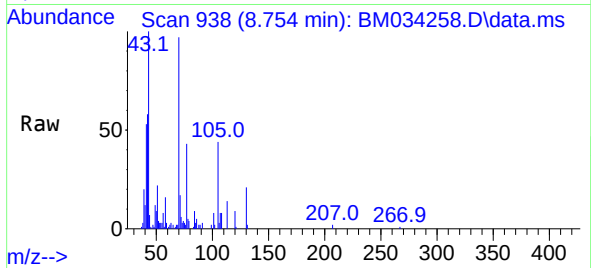
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	89.8	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 2.765 ng
RT: 8.754 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

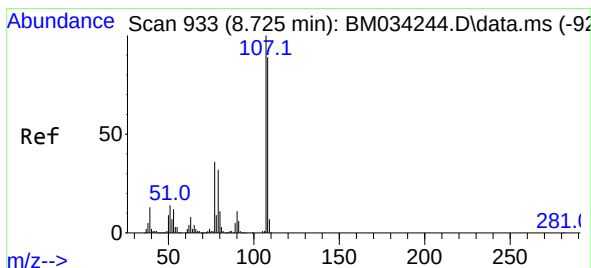
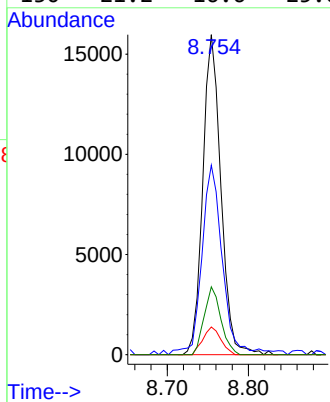
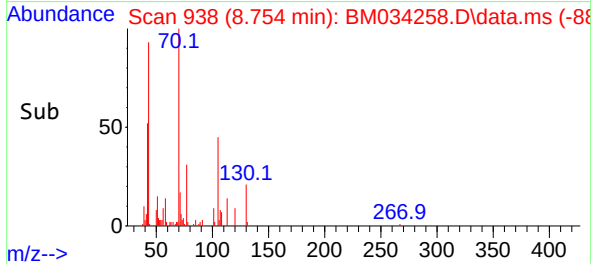
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



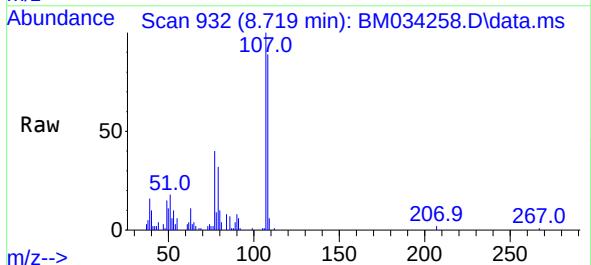
Tgt Ion: 70 Resp: 2475
Ion Ratio Lower Upper
70 100
42 59.2 46.7 70.1
101 8.6 7.8 11.6
130 21.2 16.6 25.0

Manual Integrations
APPROVED

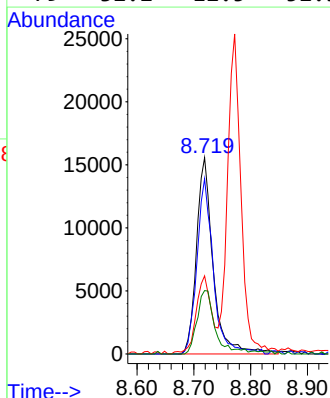
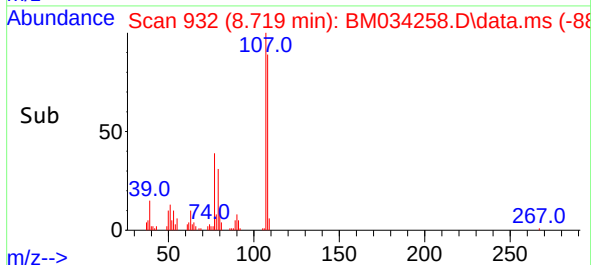
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

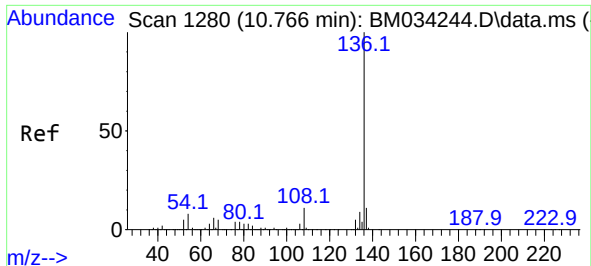


#20
3+4-Methylphenols
Concen: 2.666 ng
RT: 8.719 min Scan# 932
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



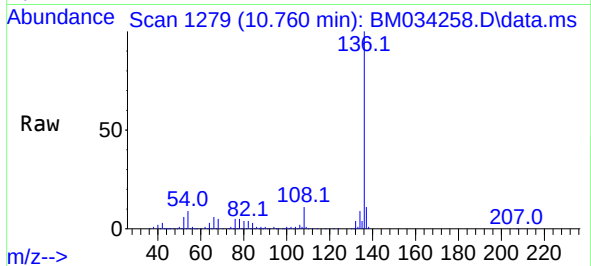
Tgt Ion:107 Resp: 31784
Ion Ratio Lower Upper
107 100
108 89.2 69.2 109.2
77 39.8 16.5 56.5
79 32.2 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.760 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

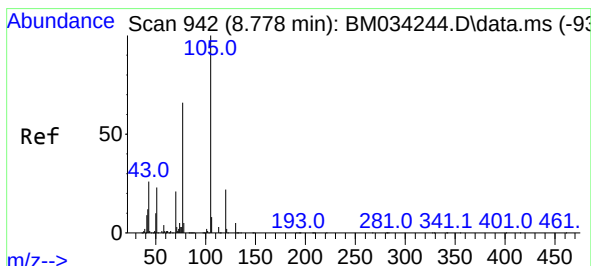
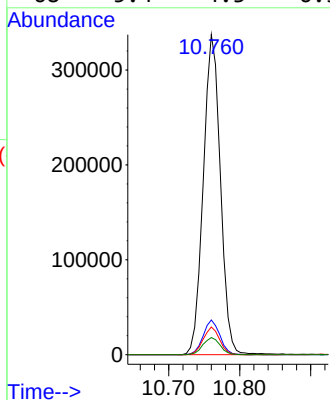
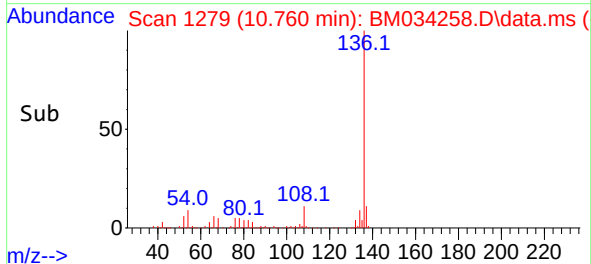
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:136 Resp: 56596
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 6.2 9.4
68 5.4 4.3 6.5

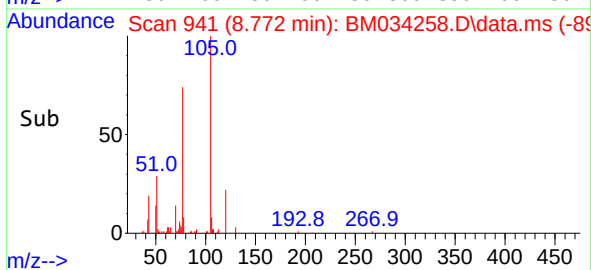
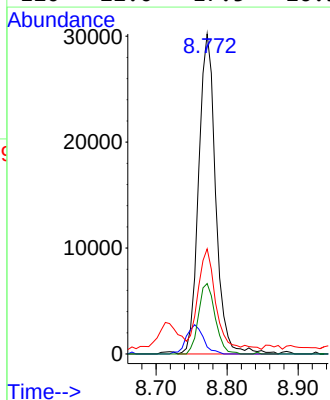
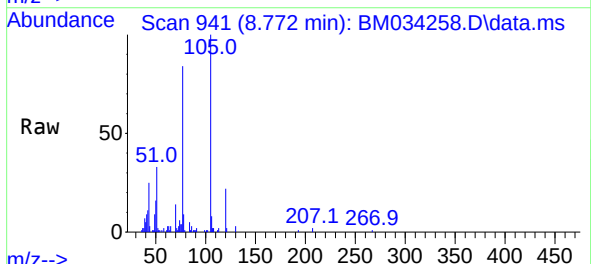
Manual Integrations
APPROVED

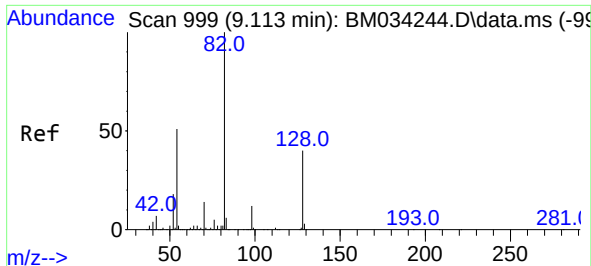
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#22
Acetophenone
Concen: 3.463 ng
RT: 8.772 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion:105 Resp: 50292
Ion Ratio Lower Upper
105 100
71 2.2 3.0 4.4#
51 32.9 22.6 33.8
120 22.0 17.5 26.3





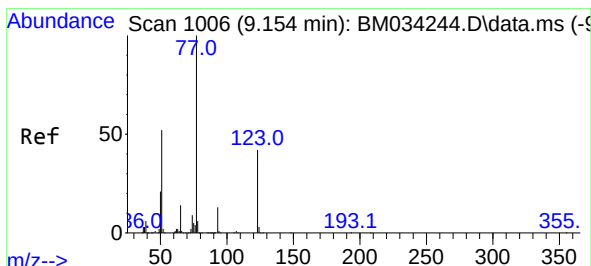
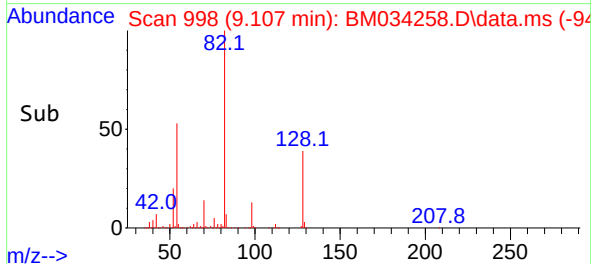
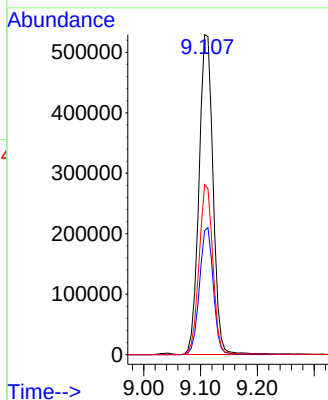
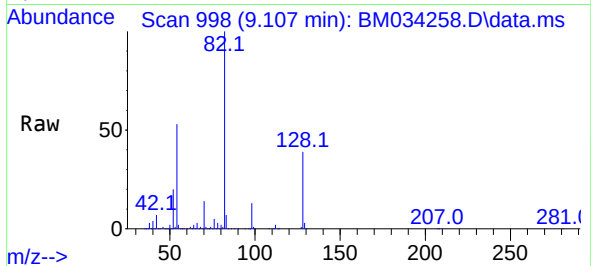
#23
Nitrobenzene-d5
Concen: 78.170 ng
RT: 9.107 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion: 82 Resp: 908702
Ion Ratio Lower Upper
82 100
128 38.7 31.9 47.9
54 53.1 40.6 61.0

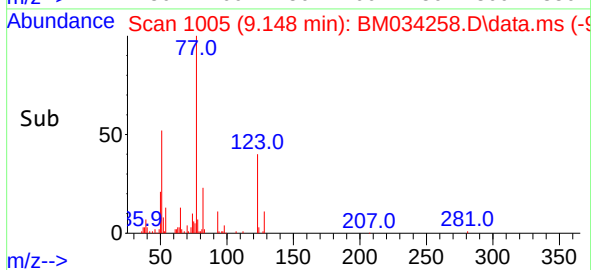
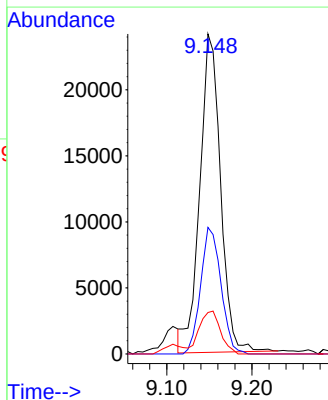
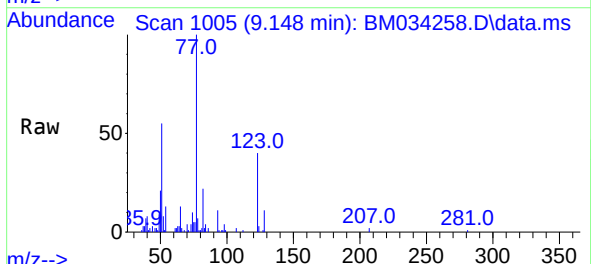
Manual Integrations
APPROVED

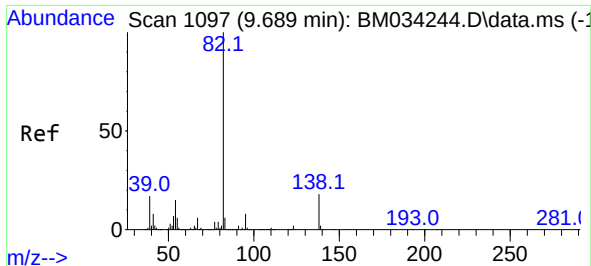
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#24
Nitrobenzene
Concen: 3.759 ng
RT: 9.148 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

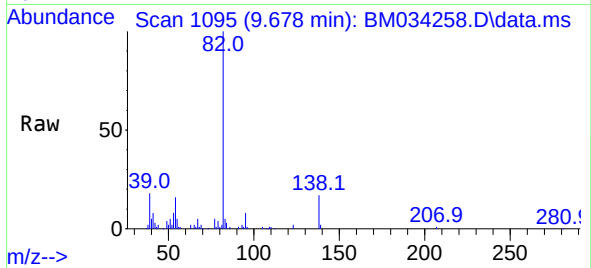
Tgt Ion: 77 Resp: 40802
Ion Ratio Lower Upper
77 100
123 39.6 33.3 49.9
65 13.0 11.0 16.4





#25
Isophorone
Concen: 3.265 ng
RT: 9.678 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

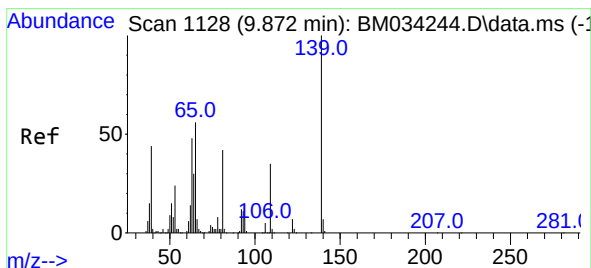
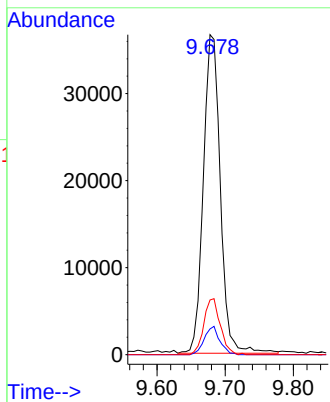
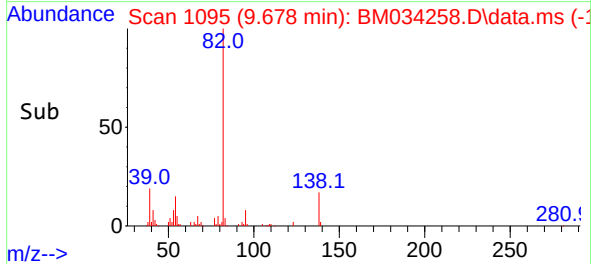
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



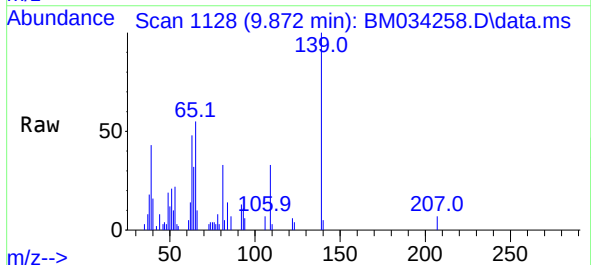
Tgt Ion: 82 Resp: 63509
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 17.1 14.4 21.6

Manual Integrations
APPROVED

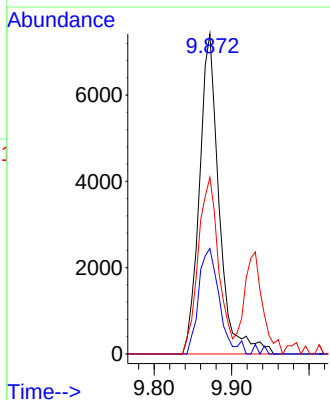
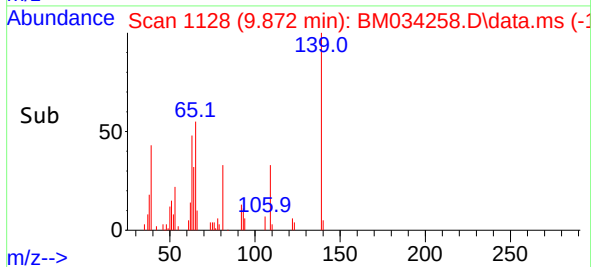
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

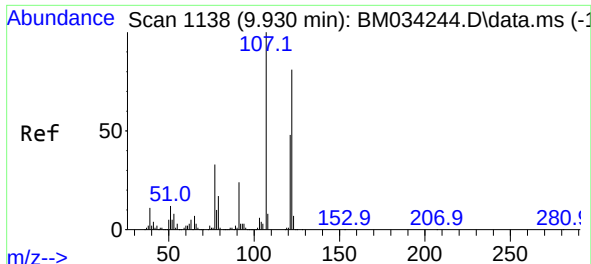


#26
2-Nitrophenol
Concen: 2.730 ng
RT: 9.872 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



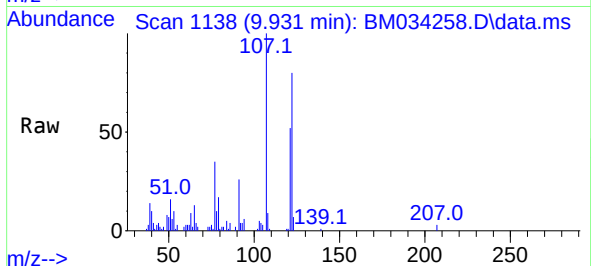
Tgt Ion:139 Resp: 13139
Ion Ratio Lower Upper
139 100
109 33.0 28.1 42.1
65 55.2 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 3.363 ng
RT: 9.931 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

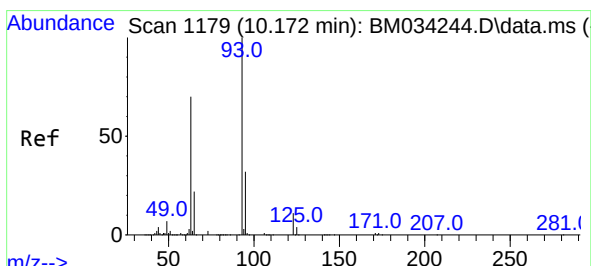
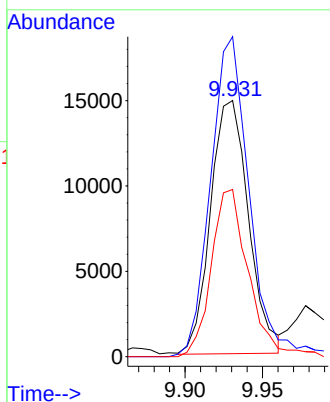
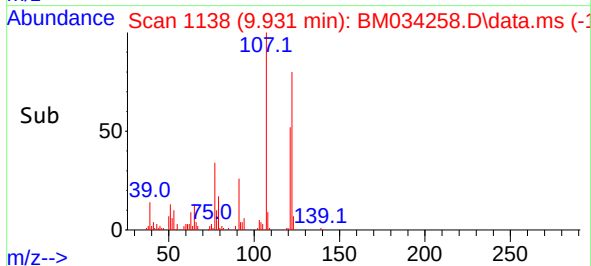
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



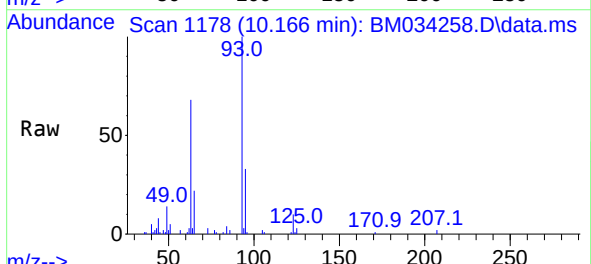
Tgt Ion:122 Resp: 2534
Ion Ratio Lower Upper
122 100
107 124.9 99.0 148.6
121 65.3 47.7 71.5

Manual Integrations
APPROVED

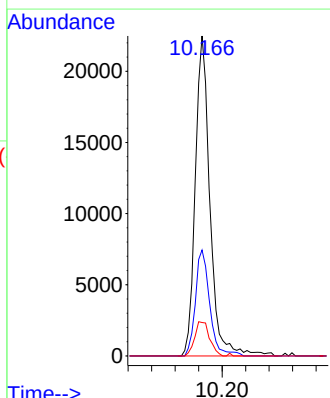
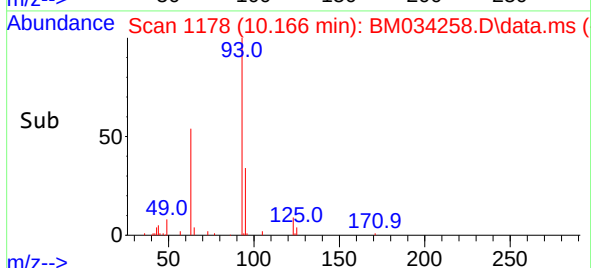
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

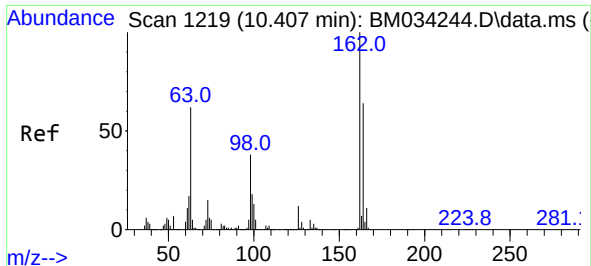


#28
bis(2-Chloroethoxy)methane
Concen: 3.125 ng
RT: 10.166 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



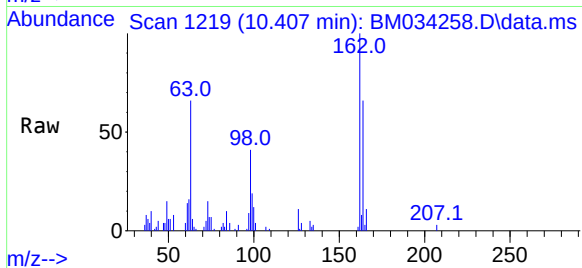
Tgt Ion: 93 Resp: 38920
Ion Ratio Lower Upper
93 100
95 33.1 26.0 39.0
123 10.5 9.0 13.4





#29
2,4-Dichlorophenol
Concen: 2.718 ng
RT: 10.407 min Scan# 1219
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

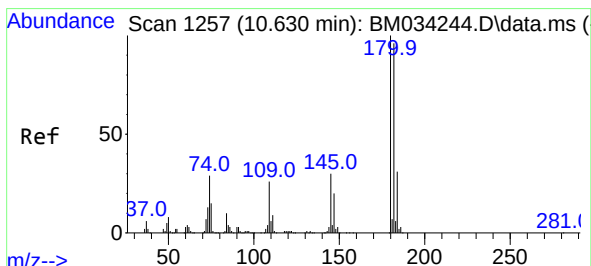
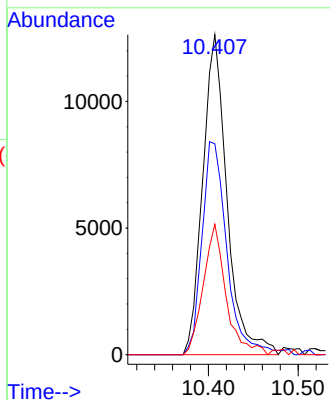
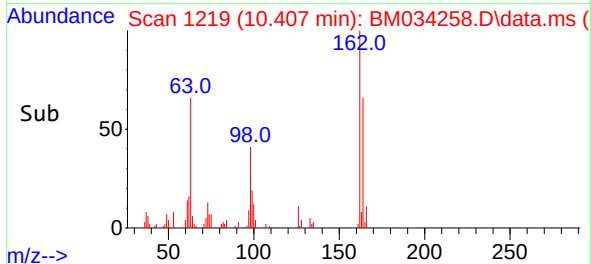
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



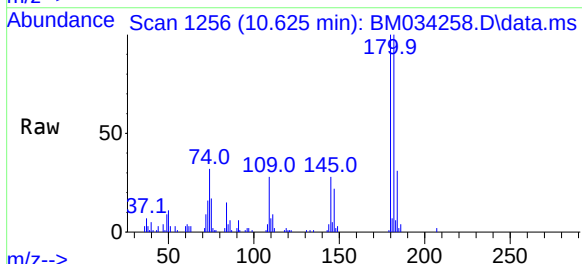
Tgt Ion:162 Resp: 2380
Ion Ratio Lower Upper
162 100
164 65.9 43.9 83.9
98 40.8 17.6 57.6

Manual Integrations
APPROVED

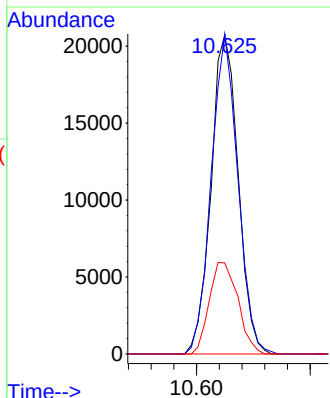
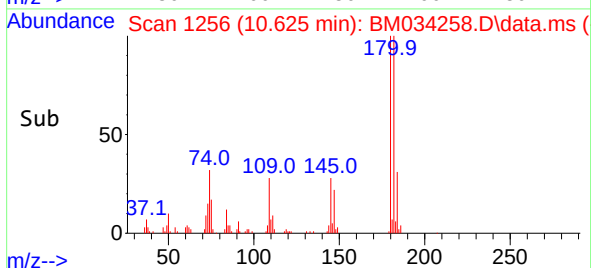
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

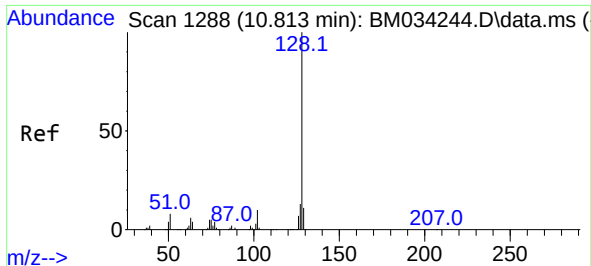


#30
1,2,4-Trichlorobenzene
Concen: 3.445 ng
RT: 10.625 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:180 Resp: 34290
Ion Ratio Lower Upper
180 100
182 100.2 77.0 115.4
145 28.5 23.7 35.5





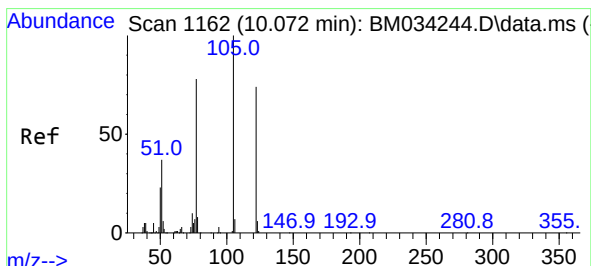
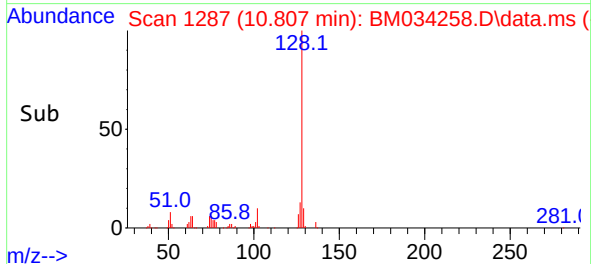
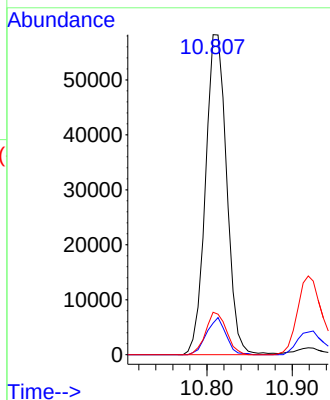
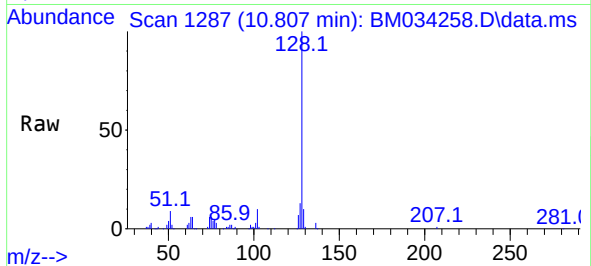
#31
Naphthalene
Concen: 3.407 ng
RT: 10.807 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:128 Resp: 100458
Ion Ratio Lower Upper
128 100
129 9.9 8.8 13.2
127 13.2 10.2 15.4

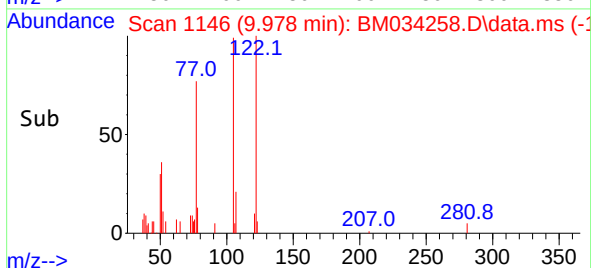
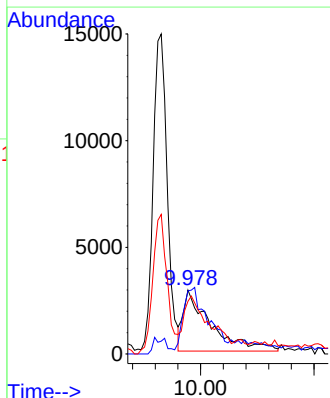
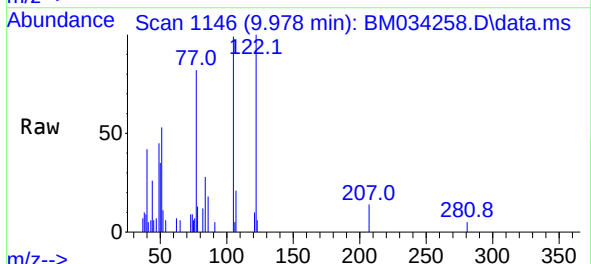
Manual Integrations
APPROVED

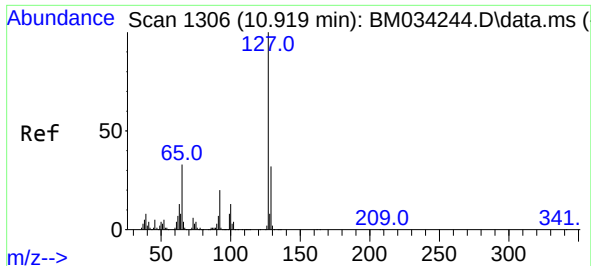
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#32
Benzoic acid
Concen: 1.583 ng m
RT: 9.978 min Scan# 1146
Delta R.T. -0.094 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

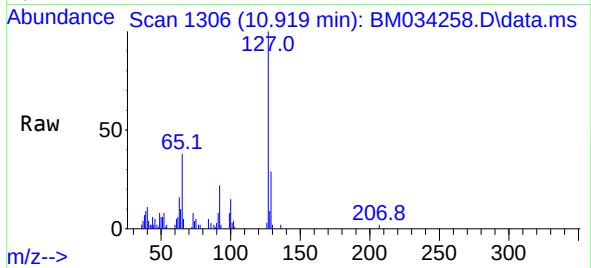
Tgt Ion:122 Resp: 9866
Ion Ratio Lower Upper
122 100
105 98.7 109.6 149.6#
77 82.4 83.1 123.1#





#33
4-Chloroaniline
Concen: 2.768 ng
RT: 10.919 min Scan# 1306
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

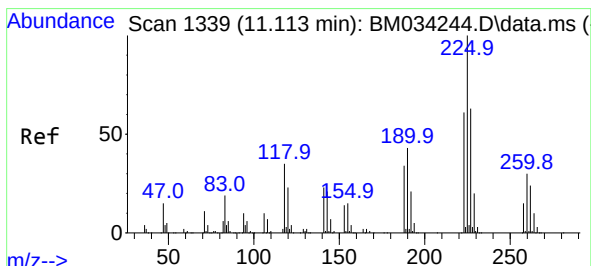
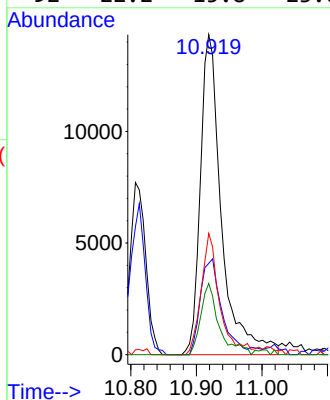
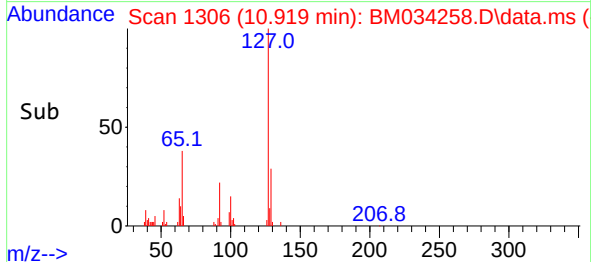
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



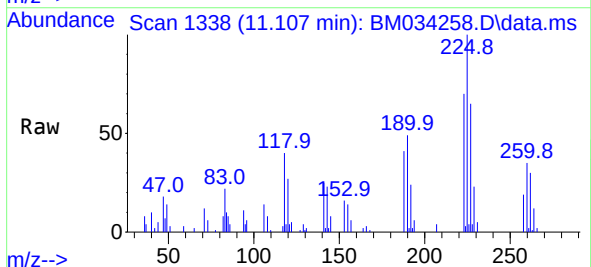
Tgt Ion:	127	Resp:	32200
Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.4	38.2
65	37.9	26.2	39.2
92	22.2	15.8	23.6

Manual Integrations
APPROVED

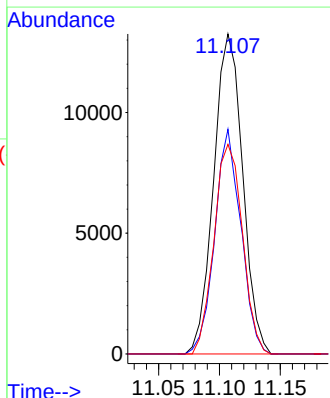
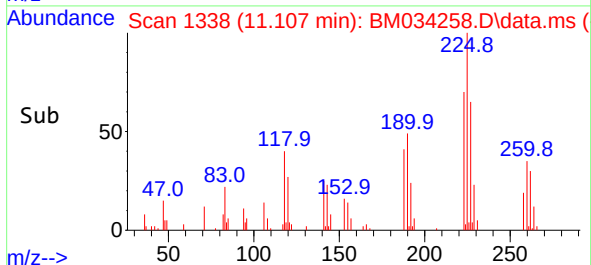
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

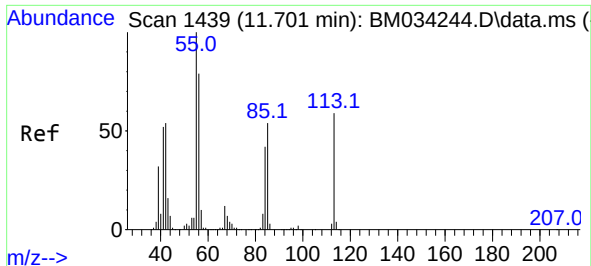


#34
Hexachlorobutadiene
Concen: 3.483 ng
RT: 11.107 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



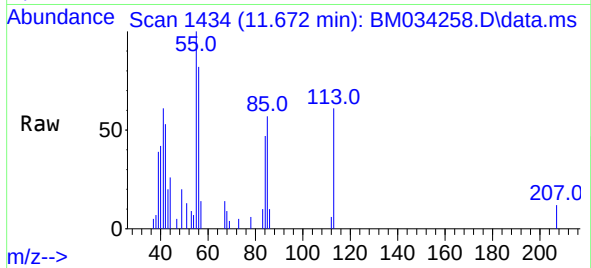
Tgt Ion:	225	Resp:	21959
Ion	Ratio	Lower	Upper
225	100		
223	70.2	49.0	73.4
227	65.5	50.2	75.2





#35
Caprolactam
Concen: 2.024 ng
RT: 11.672 min Scan# 1439
Delta R.T. -0.029 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

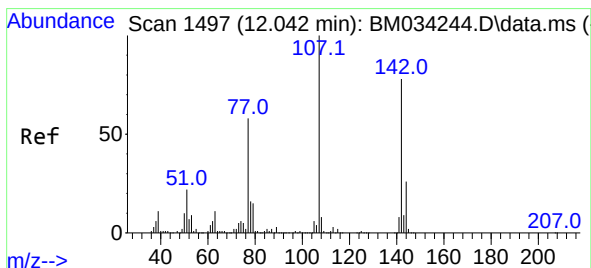
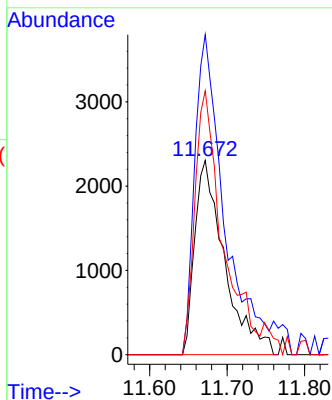
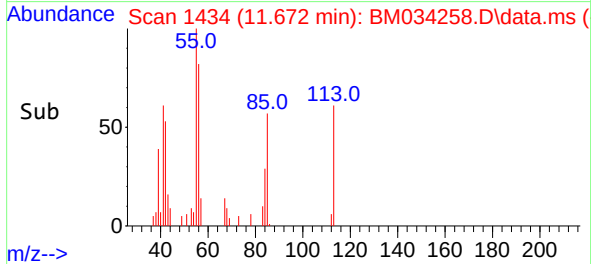
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



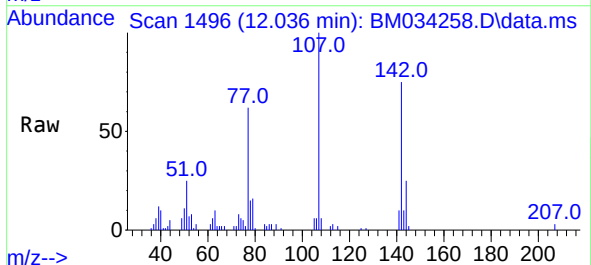
Tgt Ion:113 Resp: 6162
Ion Ratio Lower Upper
113 100
55 164.8 148.9 188.9
56 135.9 113.3 153.3

Manual Integrations
APPROVED

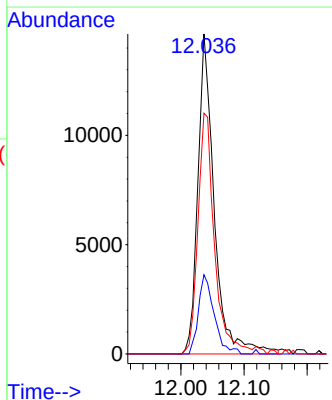
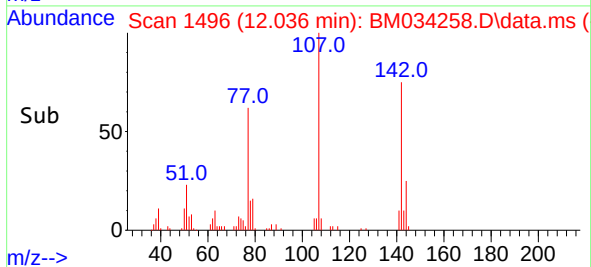
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

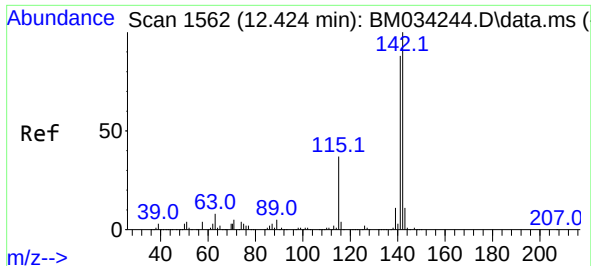


#36
4-Chloro-3-methylphenol
Concen: 2.627 ng
RT: 12.036 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:107 Resp: 26359
Ion Ratio Lower Upper
107 100
144 24.8 20.8 31.2
142 75.3 62.7 94.1





#37

2-Methylnaphthalene

Concen: 3.109 ng

RT: 12.419 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BM034258.D

Acq: 16 Mar 2022 14:25

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT1-2022

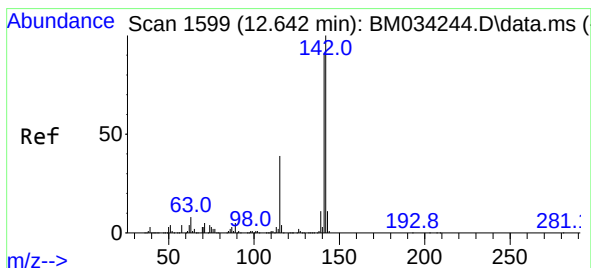
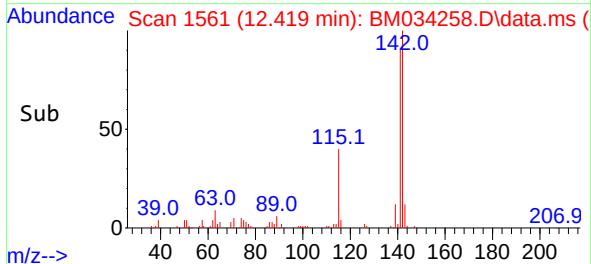
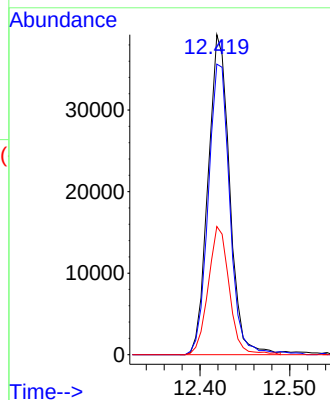
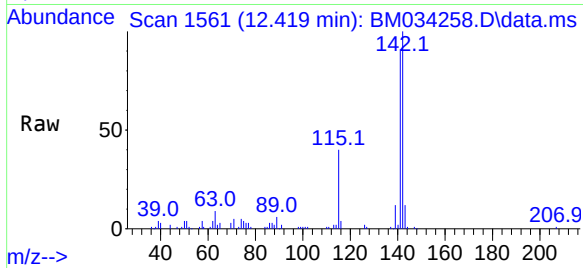
Tgt Ion:142	Resp:	6540
Ion Ratio	Lower	Upper
142	100	
141	90.8	70.1 105.1
115	40.1	29.9 44.9

Manual Integrations

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Reviewed By :Christian Giraldo 03/17/2022

Supervised By :Jagrut Upadhyay 03/17/2022



#38

1-Methylnaphthalene

Concen: 3.128 ng

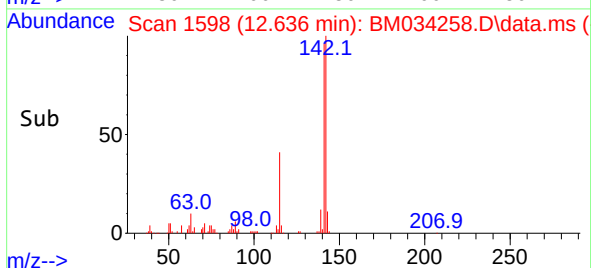
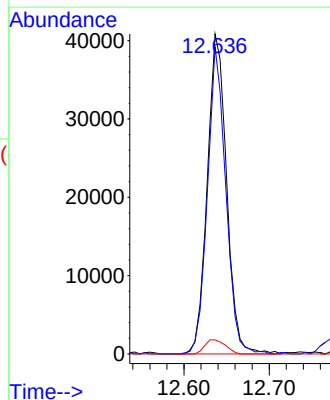
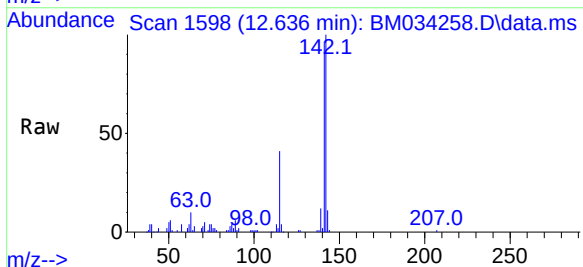
RT: 12.636 min Scan# 1598

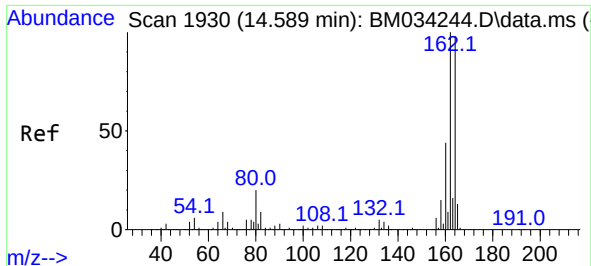
Delta R.T. -0.006 min

Lab File: BM034258.D

Acq: 16 Mar 2022 14:25

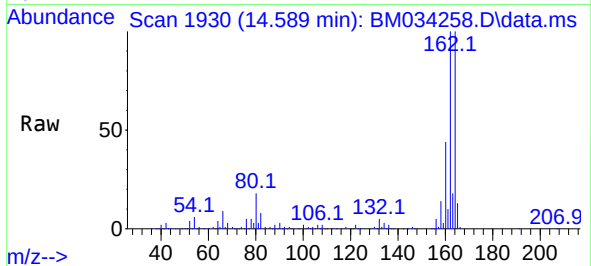
Tgt Ion:142	Resp:	64385
Ion Ratio	Lower	Upper
142	100	
141	96.0	73.0 109.6
116	4.4	3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

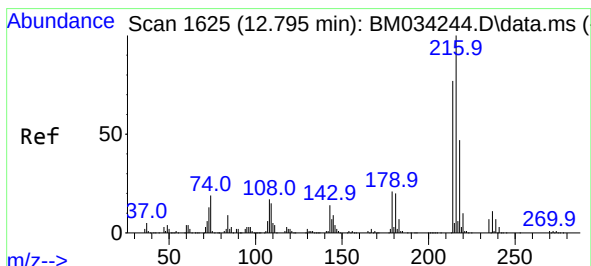
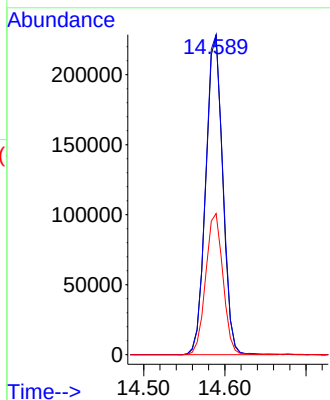
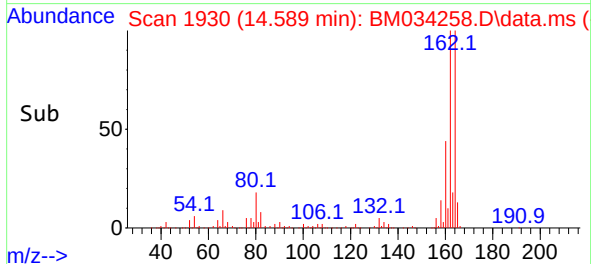
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



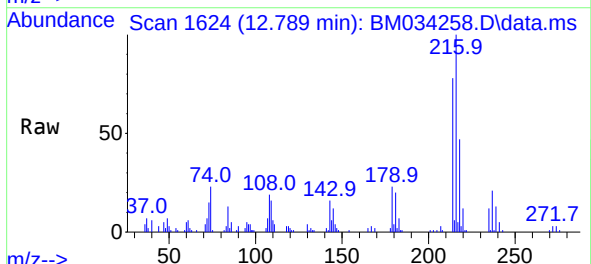
Tgt Ion:164 Resp: 328869
Ion Ratio Lower Upper
164 100
162 100.4 81.6 122.4
160 44.3 35.6 53.4

Manual Integrations
APPROVED

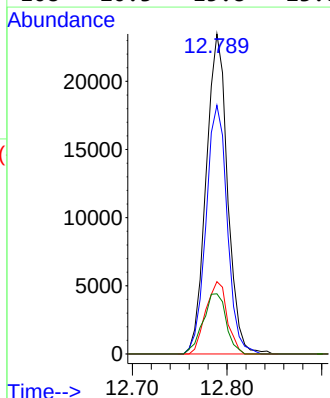
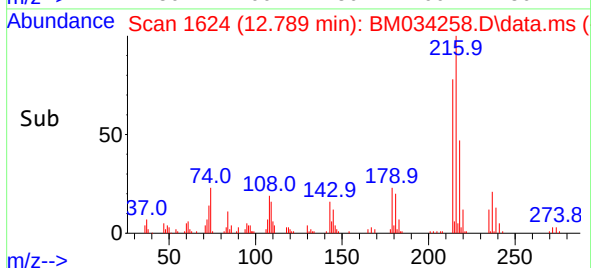
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

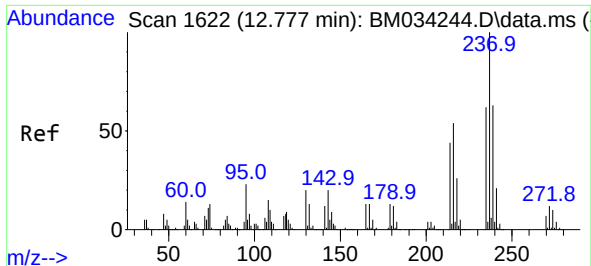


#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.709 ng
RT: 12.789 min Scan# 1624
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



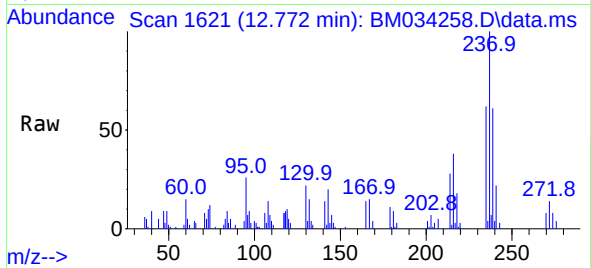
Tgt Ion:216 Resp: 36807
Ion Ratio Lower Upper
216 100
214 77.0 62.7 94.1
179 22.5 17.2 25.8
108 20.3 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 3.940 ng
RT: 12.772 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

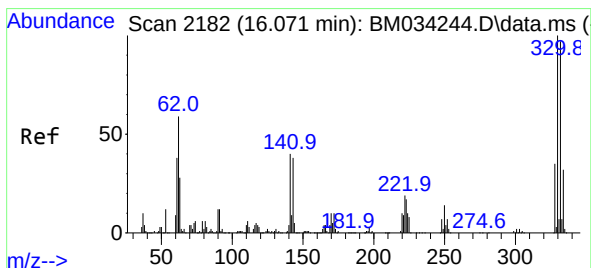
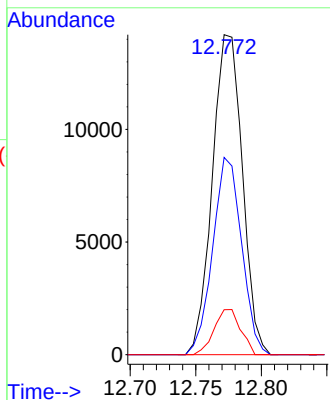
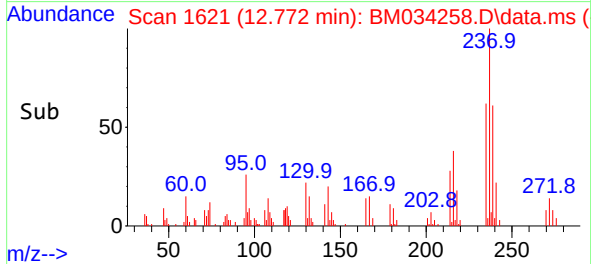
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



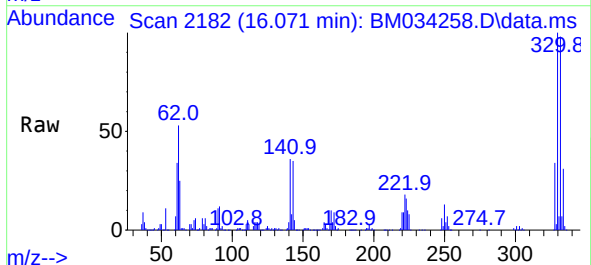
Tgt Ion: 237 Resp: 22640
Ion Ratio Lower Upper
237 100
235 61.7 42.1 82.1
272 14.0 0.0 32.3

Manual Integrations
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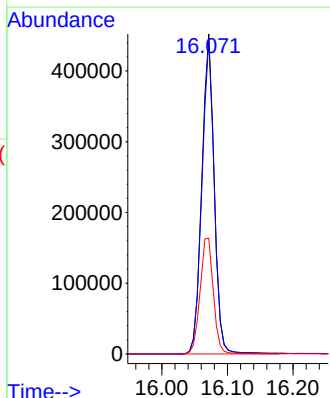
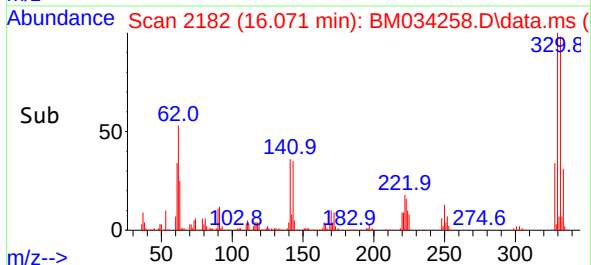
Reviewed By : Christian Giraldo 03/17/2022
Supervised By : Jagrut Upadhyay 03/17/2022

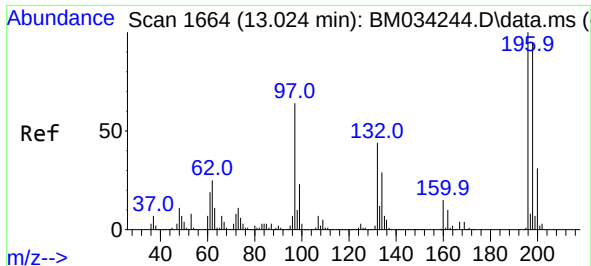


#42
2,4,6-Tribromophenol
Concen: 135.224 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



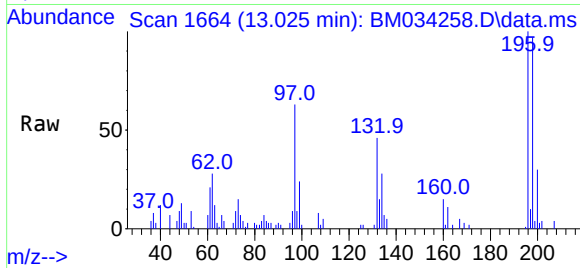
Tgt Ion: 330 Resp: 599411
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.4
141 38.8 30.6 45.8





#43
2,4,6-Trichlorophenol
Concen: 2.762 ng
RT: 13.025 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

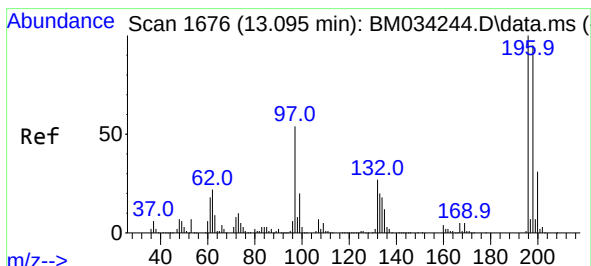
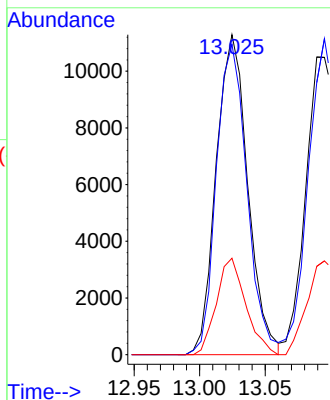
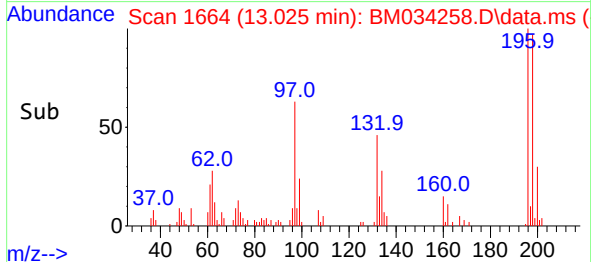
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



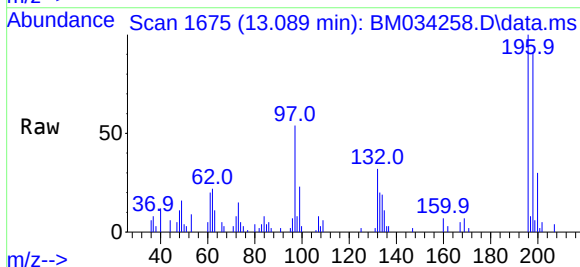
Tgt Ion:196 Resp: 1892
Ion Ratio Lower Upper
196 100
198 97.0 76.1 114.1
200 30.2 24.9 37.3

Manual Integrations
APPROVED

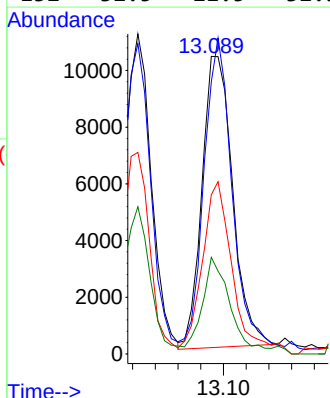
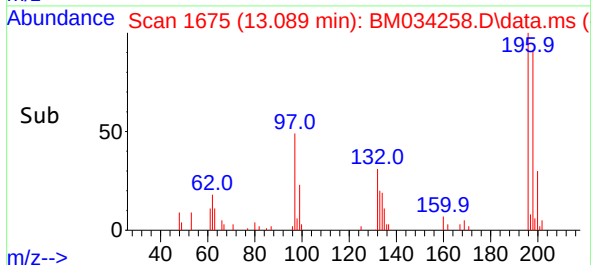
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

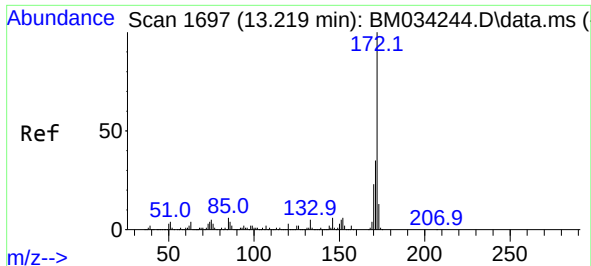


#44
2,4,5-Trichlorophenol
Concen: 2.628 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



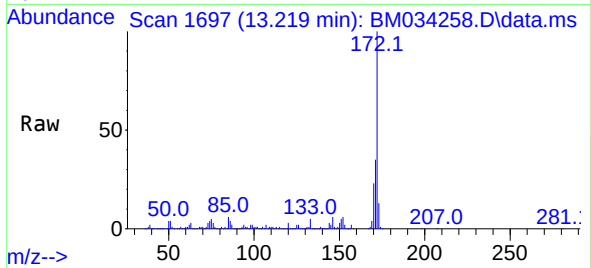
Tgt Ion:196 Resp: 19331
Ion Ratio Lower Upper
196 100
198 97.2 75.9 113.9
97 53.5 43.2 64.8
132 32.5 21.5 32.3#





#45
2-Fluorobiphenyl
Concen: 80.147 ng
RT: 13.219 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

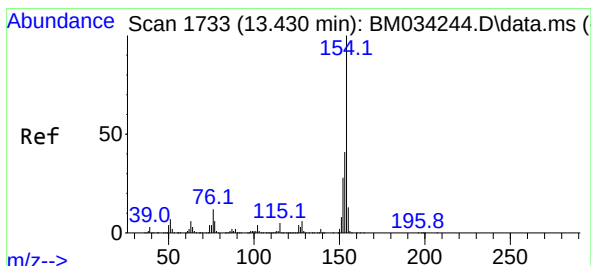
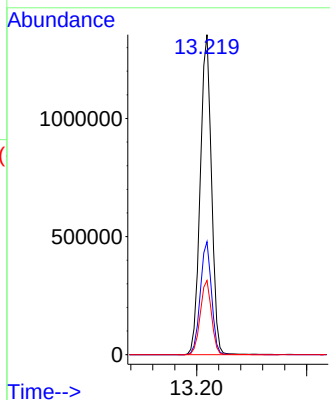
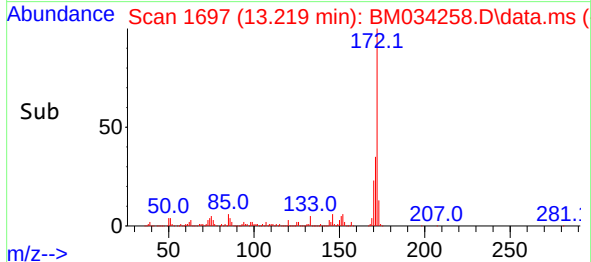
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



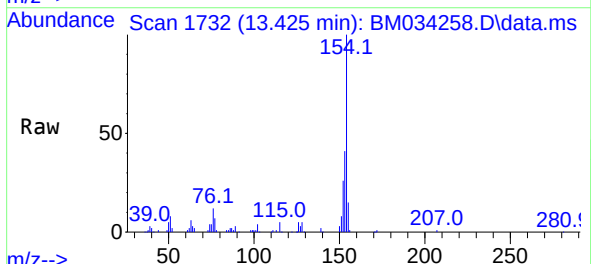
Tgt Ion:172 Resp: 192887
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.2 18.6 28.0

Manual Integrations
APPROVED

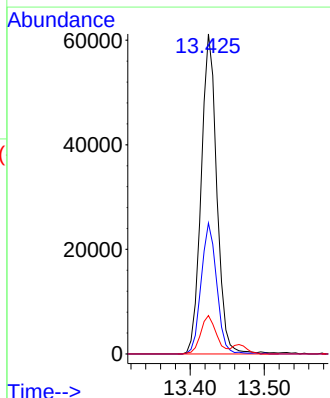
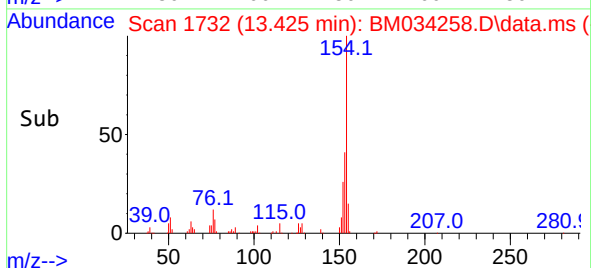
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

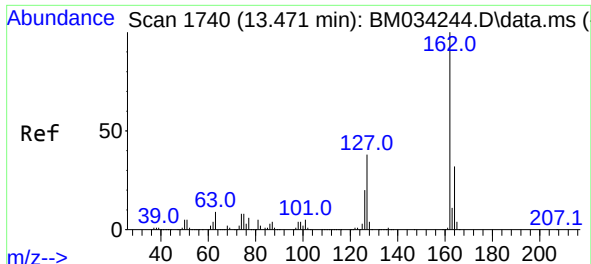


#46
1,1'-Biphenyl
Concen: 3.586 ng
RT: 13.425 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:154 Resp: 89913
Ion Ratio Lower Upper
154 100
153 40.9 21.0 61.0
76 12.0 0.0 32.1





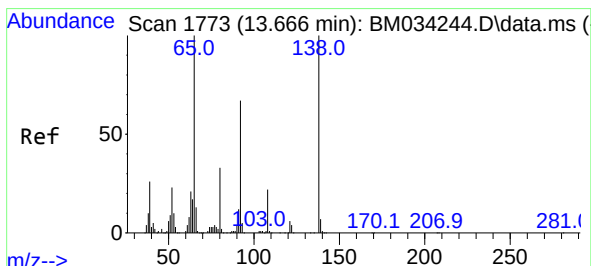
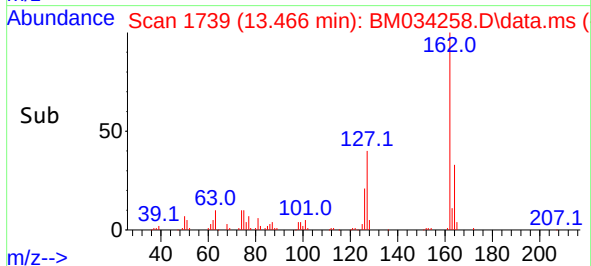
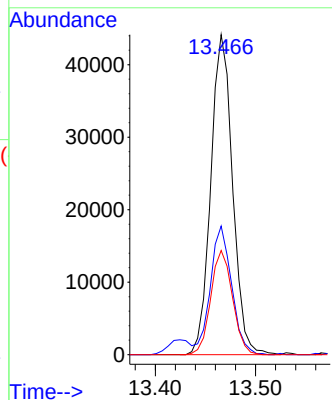
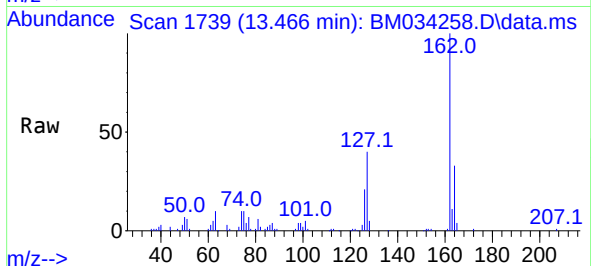
#47
2-Chloronaphthalene
Concen: 3.465 ng
RT: 13.466 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:162 Resp: 66684
Ion Ratio Lower Upper
162 100
127 40.2 30.4 45.6
164 32.6 25.8 38.8

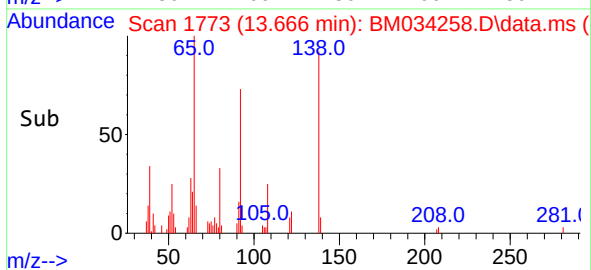
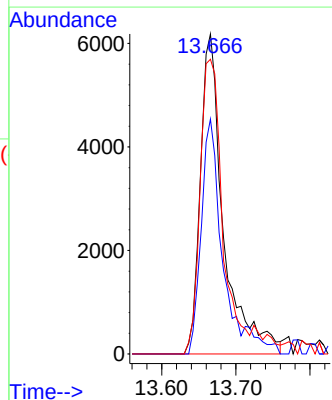
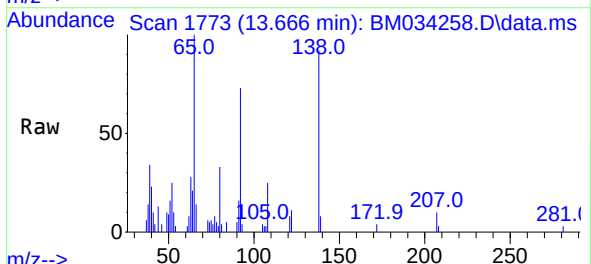
Manual Integrations
APPROVED

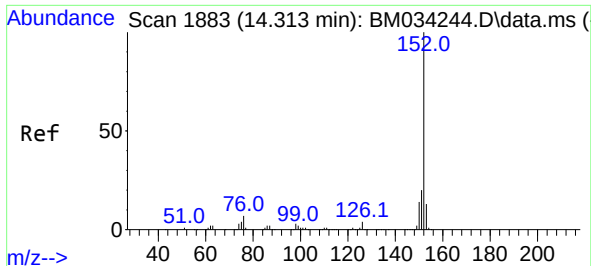
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#48
2-Nitroaniline
Concen: 2.284 ng
RT: 13.666 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion: 65 Resp: 13440
Ion Ratio Lower Upper
65 100
92 73.4 53.8 80.8
138 92.1 79.9 119.9





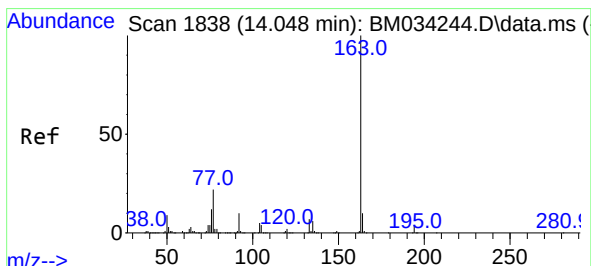
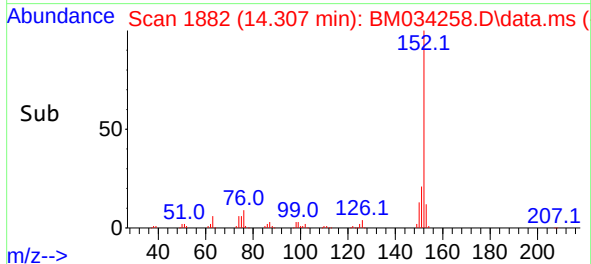
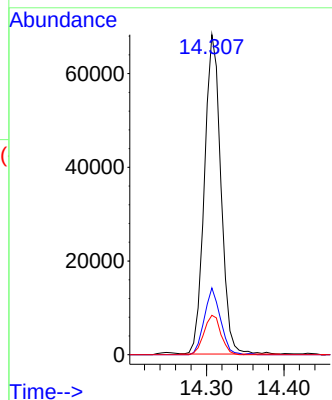
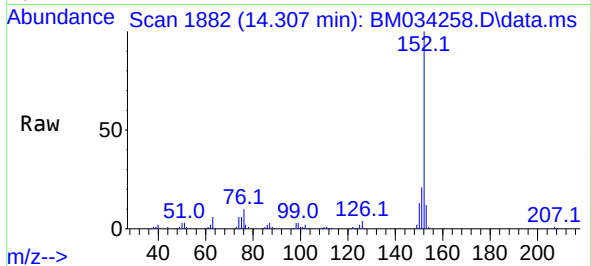
#49
Acenaphthylene
Concen: 3.353 ng
RT: 14.307 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:152 Resp: 100592
Ion Ratio Lower Upper
152 100
151 20.8 15.9 23.9
153 12.3 10.6 16.0

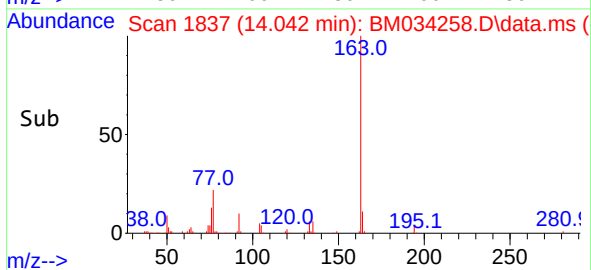
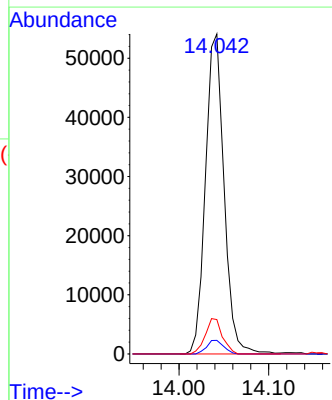
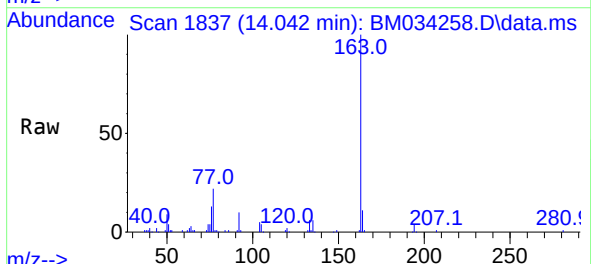
Manual Integrations
APPROVED

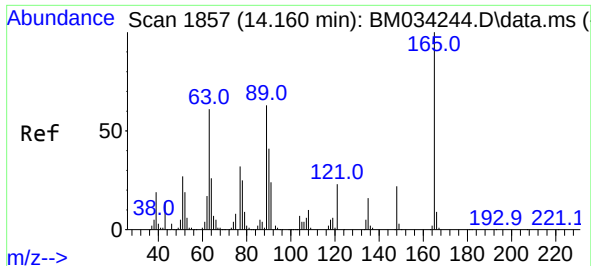
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#50
Dimethylphthalate
Concen: 3.111 ng
RT: 14.042 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

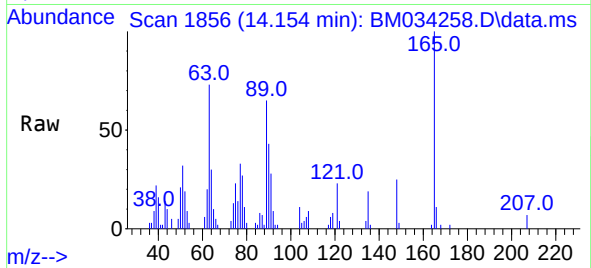
Tgt Ion:163 Resp: 77859
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 2.799 ng
RT: 14.154 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

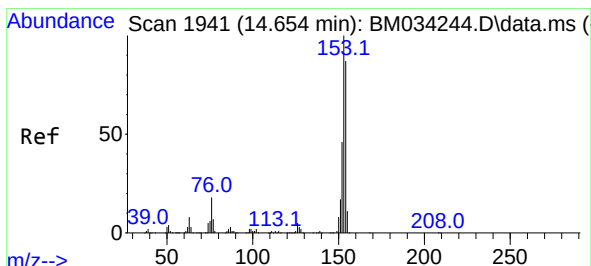
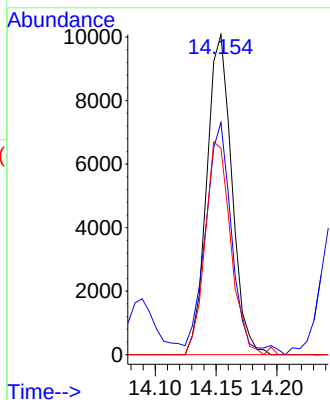
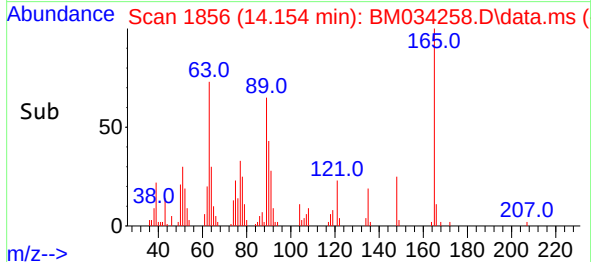
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



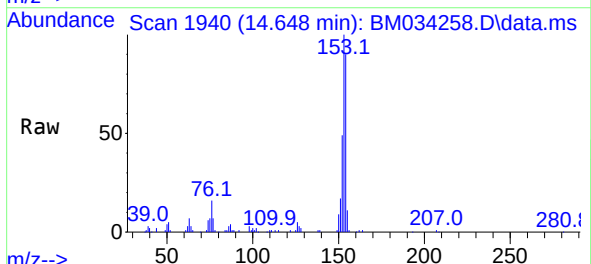
Tgt Ion:165 Resp: 14368
Ion Ratio Lower Upper
165 100
63 72.6 51.9 77.9
89 64.5 50.6 76.0

Manual Integrations
APPROVED

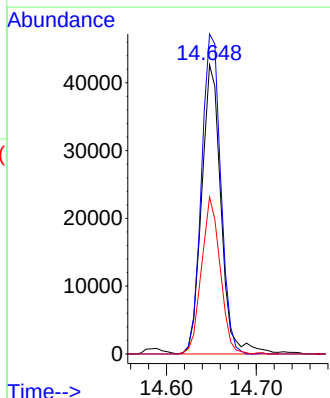
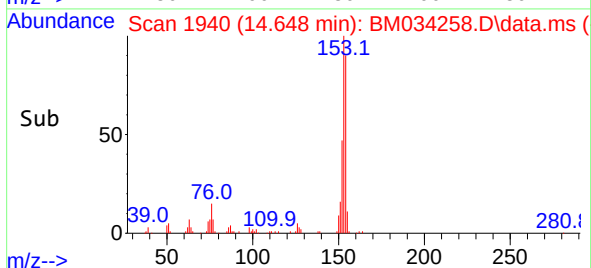
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

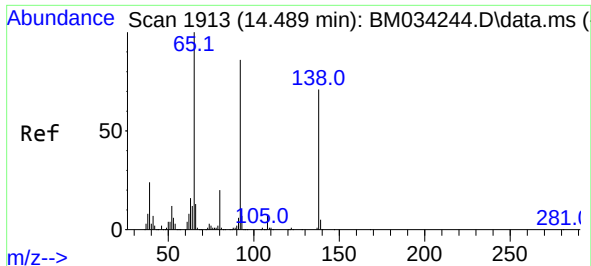


#52
Acenaphthene
Concen: 3.169 ng
RT: 14.648 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:154 Resp: 64031
Ion Ratio Lower Upper
154 100
153 110.7 91.8 137.8
152 54.2 42.6 64.0





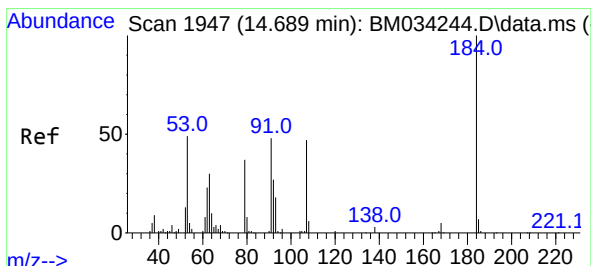
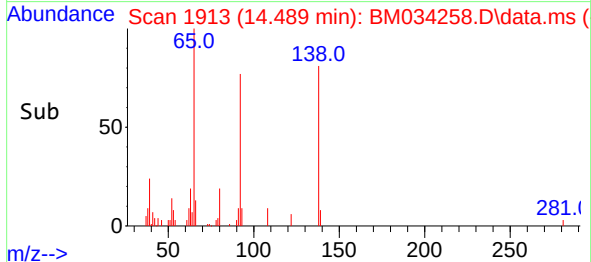
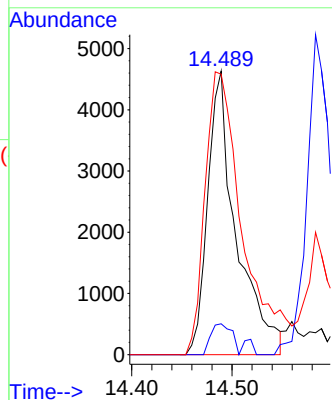
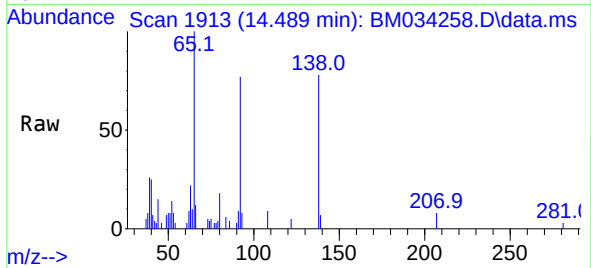
#53
3-Nitroaniline
Concen: 1.783 ng
RT: 14.489 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:138 Resp: 918
Ion Ratio Lower Upper
138 100
108 10.9 8.3 12.5
92 98.9 97.6 146.4

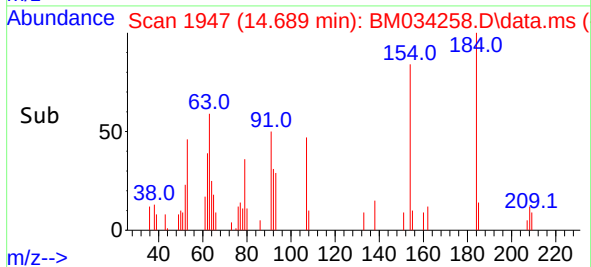
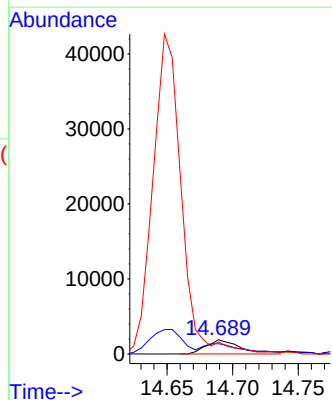
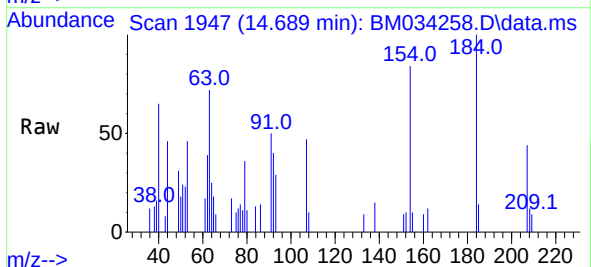
Manual Integrations
APPROVED

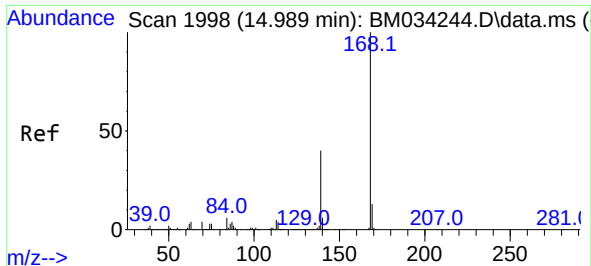
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#54
2,4-Dinitrophenol
Concen: 1.204 ng
RT: 14.689 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

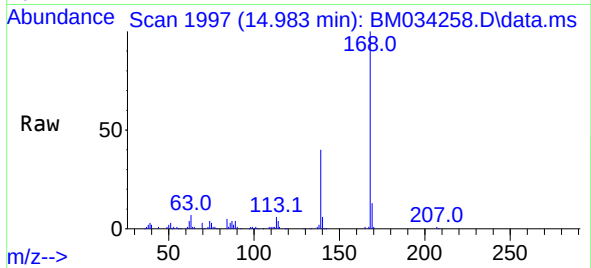
Tgt Ion:184 Resp: 3462
Ion Ratio Lower Upper
184 100
63 71.8 58.3 87.5
154 84.3 52.6 78.8#





#55
Dibenzofuran
Concen: 3.224 ng
RT: 14.983 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

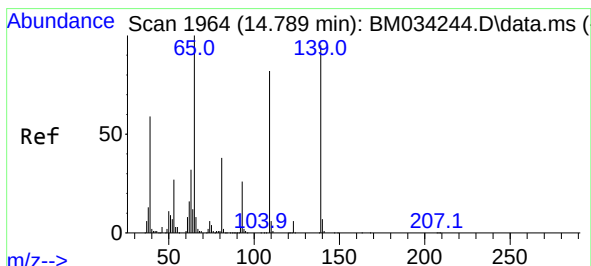
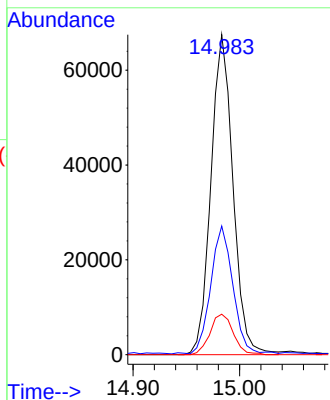
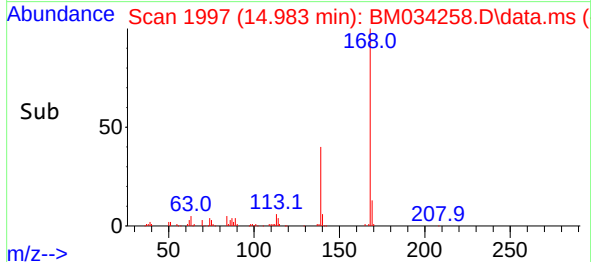
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:168 Resp: 97082
Ion Ratio Lower Upper
168 100
139 40.2 32.4 48.6
169 12.6 10.8 16.2

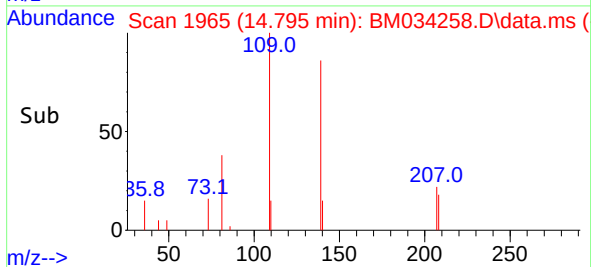
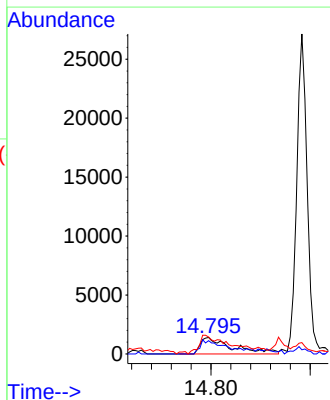
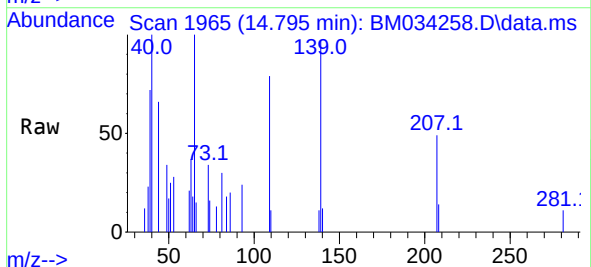
Manual Integrations
APPROVED

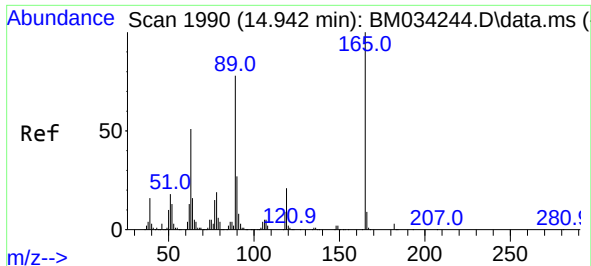
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#56
4-Nitrophenol
Concen: 1.481 ng m
RT: 14.795 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

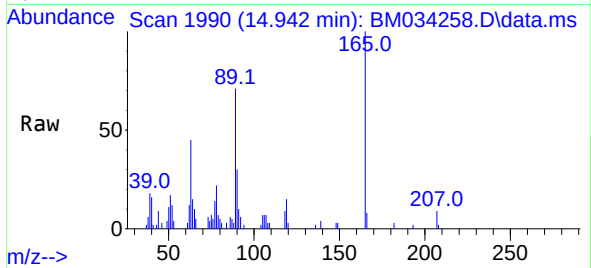
Tgt Ion:139 Resp: 6185
Ion Ratio Lower Upper
139 100
109 80.9 66.3 106.3
65 102.9 85.5 125.5





#57
2,4-Dinitrotoluene
Concen: 2.352 ng
RT: 14.942 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

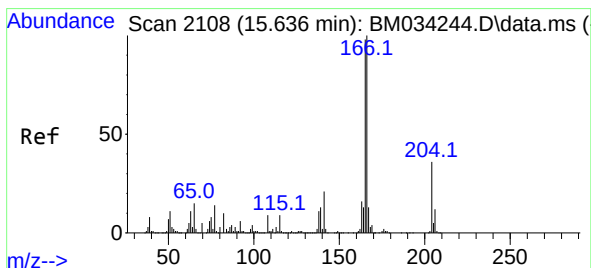
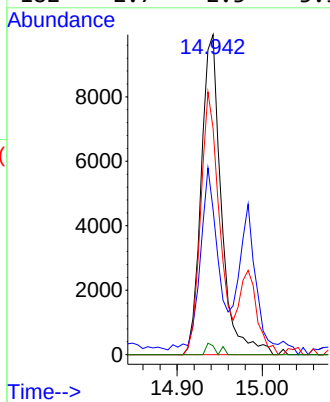
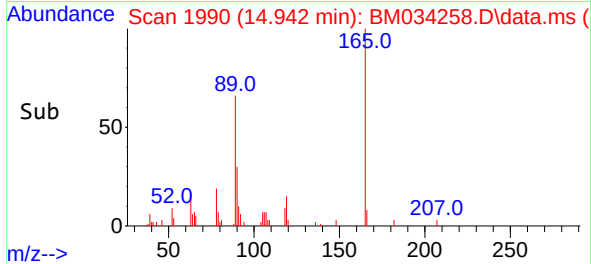
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:165 Resp: 1632
Ion Ratio Lower Upper
165 100
63 45.3 40.6 61.0
89 70.7 62.7 94.1
182 2.7 2.3 3.5

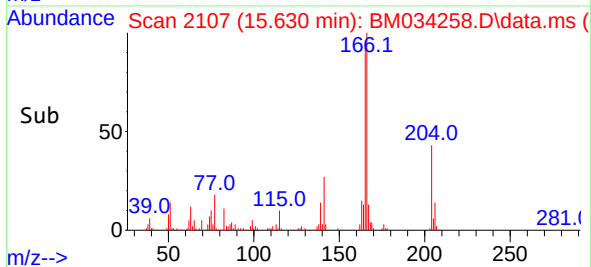
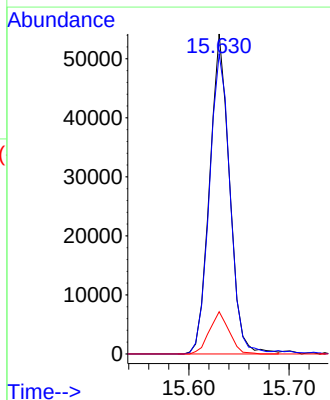
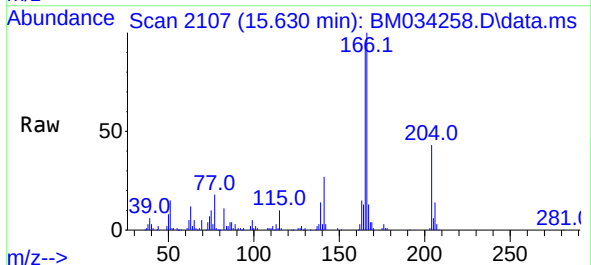
Manual Integrations
APPROVED

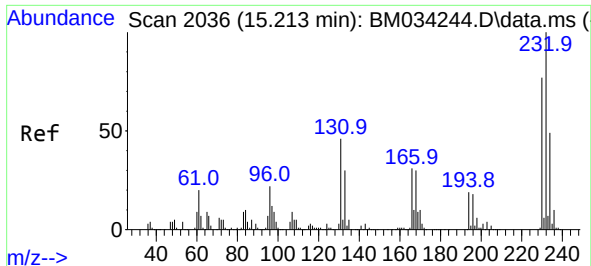
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#58
Fluorene
Concen: 3.063 ng
RT: 15.630 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

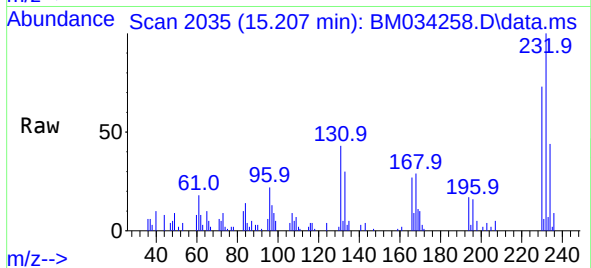
Tgt Ion:166 Resp: 74880
Ion Ratio Lower Upper
166 100
165 93.8 78.0 117.0
167 13.2 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 2.787 ng
RT: 15.207 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

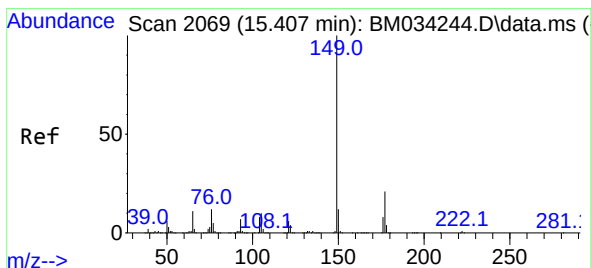
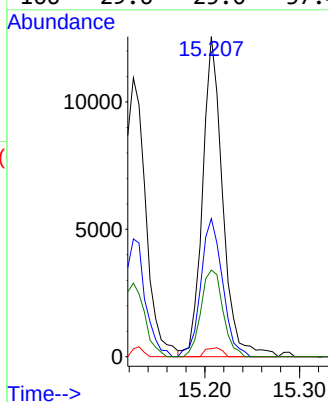
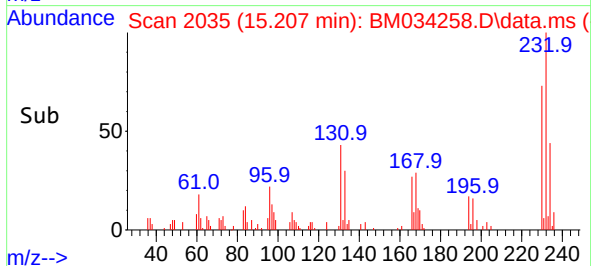
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



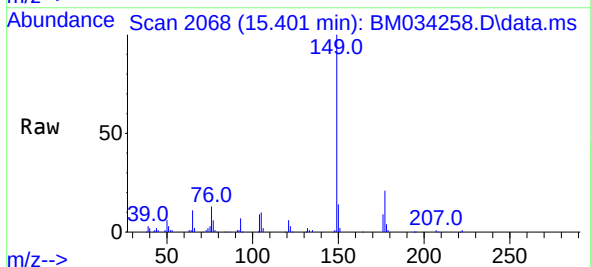
Tgt Ion:232 Resp: 18480
Ion Ratio Lower Upper
232 100
131 46.6 38.0 57.0
130 2.3 2.2 3.2
166 29.6 25.0 37.4

Manual Integrations
APPROVED

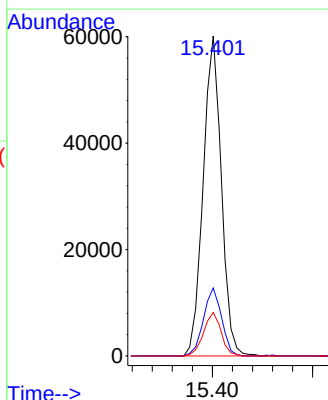
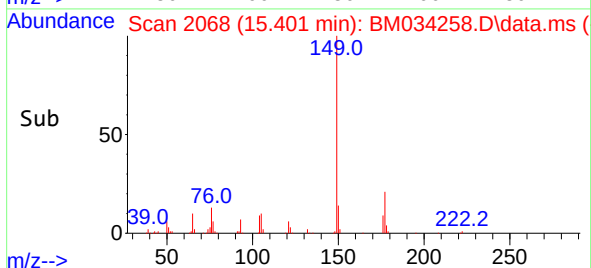
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

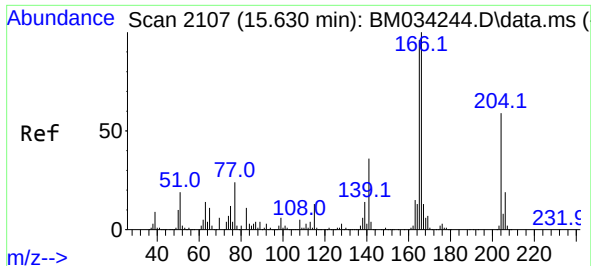


#60
Diethylphthalate
Concen: 2.957 ng
RT: 15.401 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



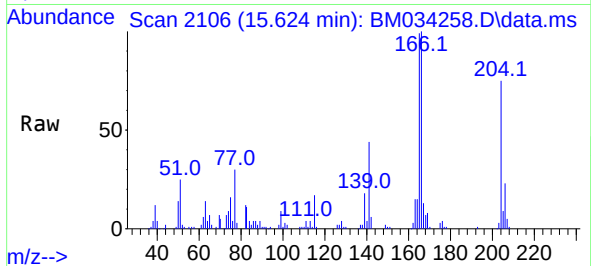
Tgt Ion:149 Resp: 75937
Ion Ratio Lower Upper
149 100
177 21.2 17.1 25.7
150 13.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 3.153 ng
RT: 15.624 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

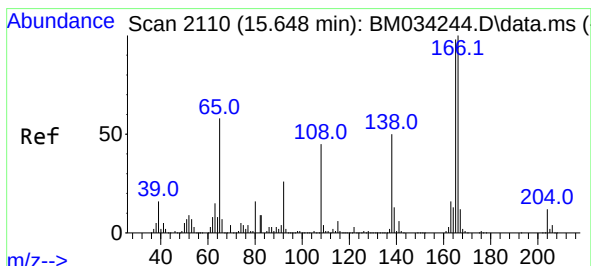
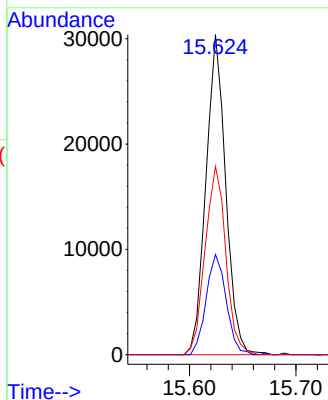
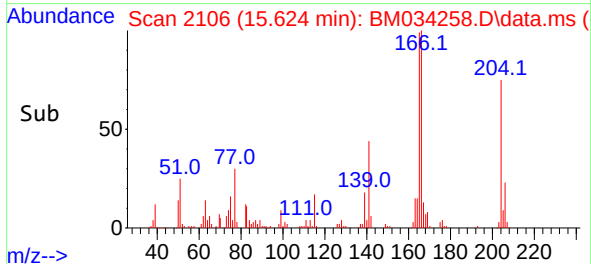
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



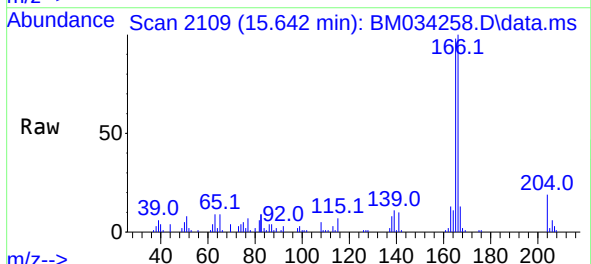
Tgt Ion:204 Resp: 39350
Ion Ratio Lower Upper
204 100
206 31.3 26.4 39.6
141 58.8 49.4 74.2

Manual Integrations
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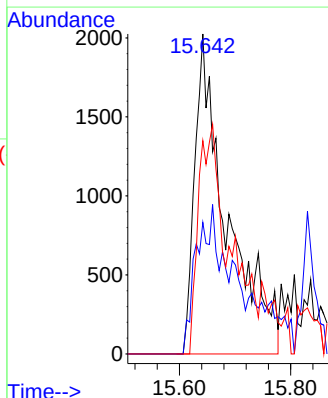
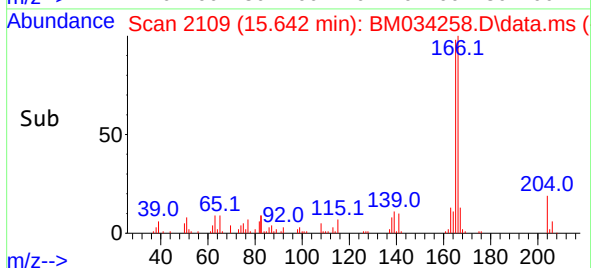
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

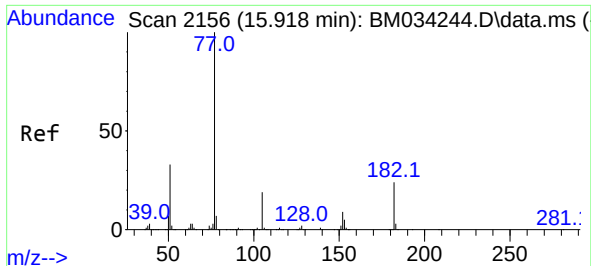


#62
4-Nitroaniline
Concen: 1.641 ng m
RT: 15.642 min Scan# 2109
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



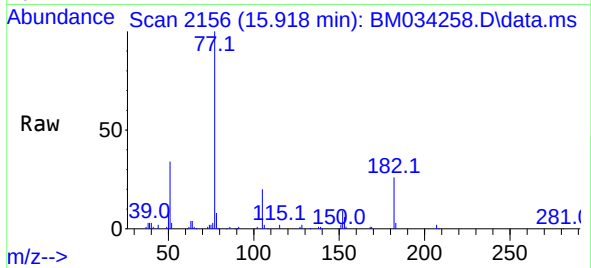
Tgt Ion:138 Resp: 8132
Ion Ratio Lower Upper
138 100
92 41.1 32.6 72.6
108 66.7 69.8 109.8#





#63
Azobenzene
Concen: 2.755 ng
RT: 15.918 min Scan# 2156
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

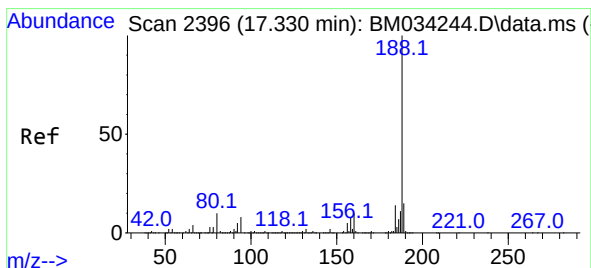
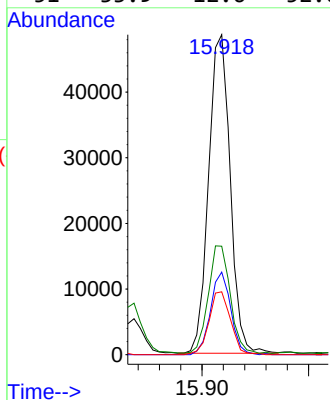
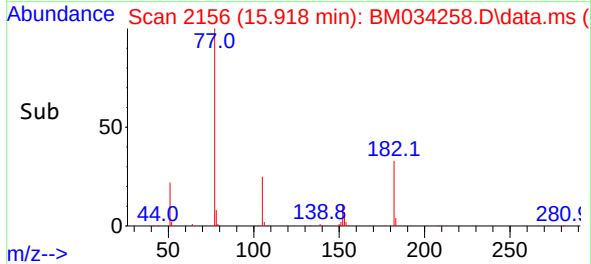
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



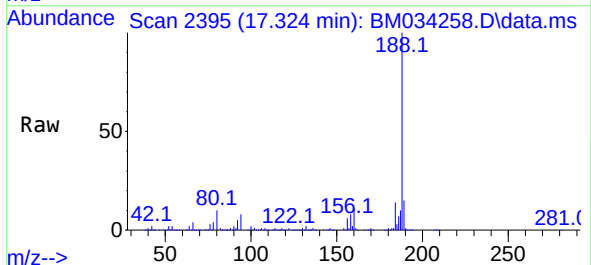
Tgt Ion: 77 Resp: 68224
Ion Ratio Lower Upper
77 100
182 25.8 4.4 44.4
105 19.7 0.0 38.7
51 33.9 12.6 52.6

Manual Integrations
APPROVED

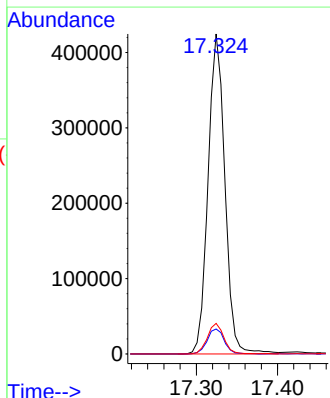
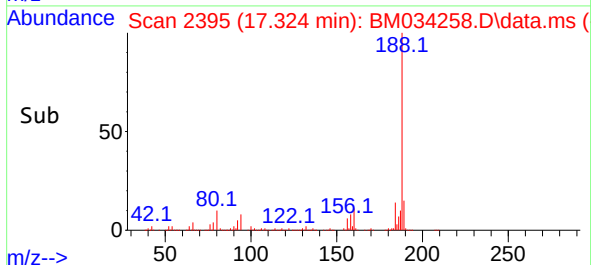
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

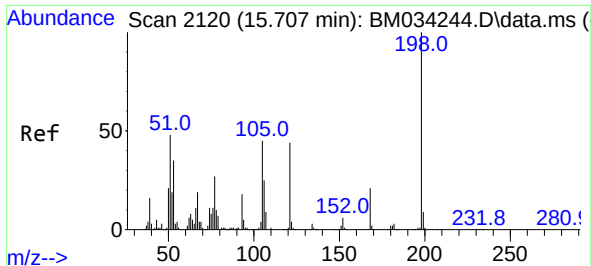


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2395
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



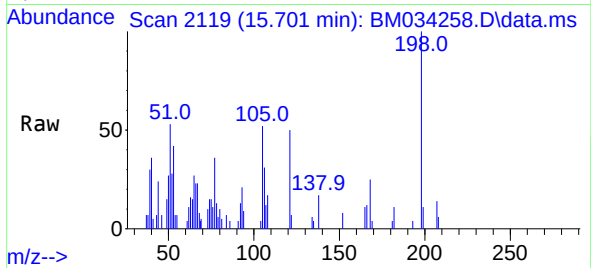
Tgt Ion:188 Resp: 611122
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 9.5 7.8 11.8





#65
4,6-Dinitro-2-methylphenol
Concen: 1.919 ng
RT: 15.701 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

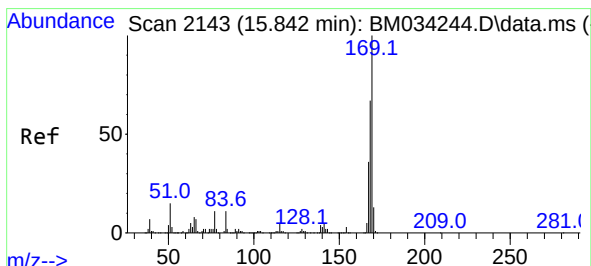
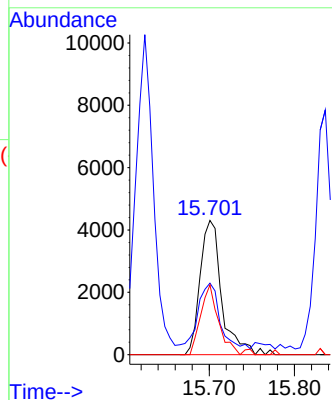
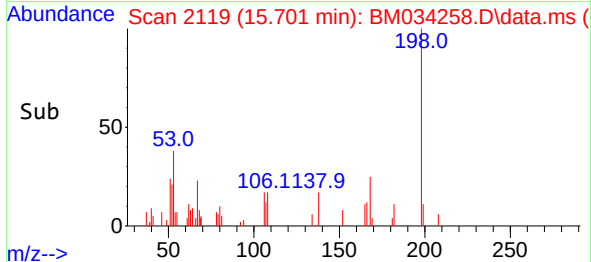
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:198 Resp: 7624
Ion Ratio Lower Upper
198 100
51 53.2 29.0 69.0
105 52.0 25.3 65.3

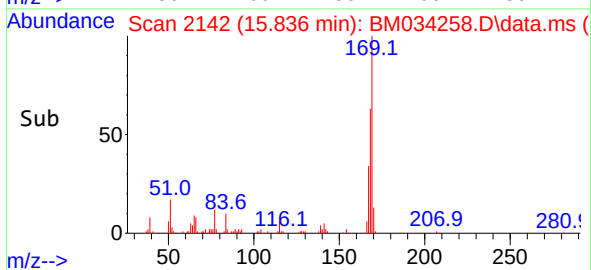
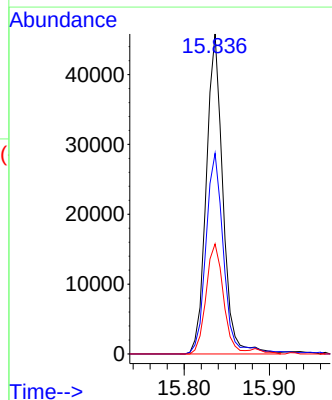
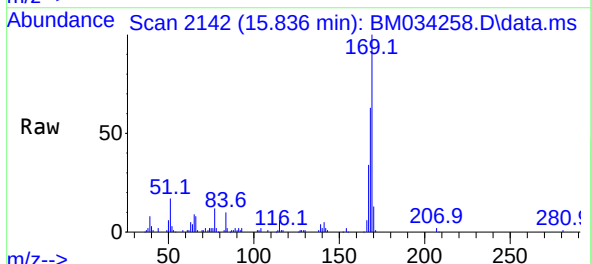
Manual Integrations
APPROVED

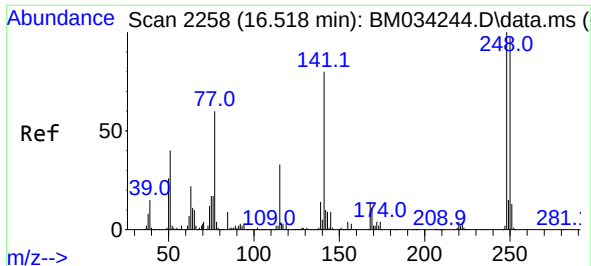
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#66
n-Nitrosodiphenylamine
Concen: 3.205 ng
RT: 15.836 min Scan# 2142
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

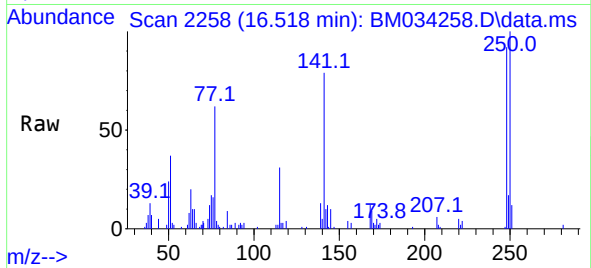
Tgt Ion:169 Resp: 62220
Ion Ratio Lower Upper
169 100
168 62.7 53.9 80.9
167 34.4 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 16.518 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

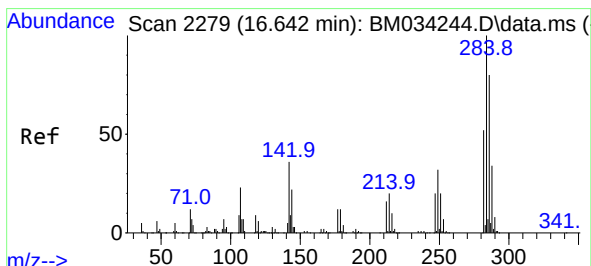
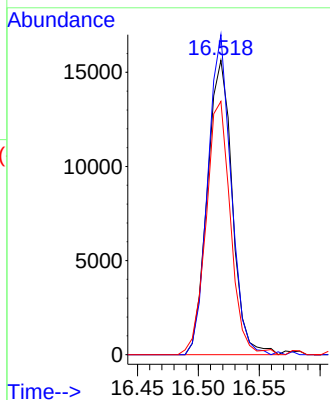
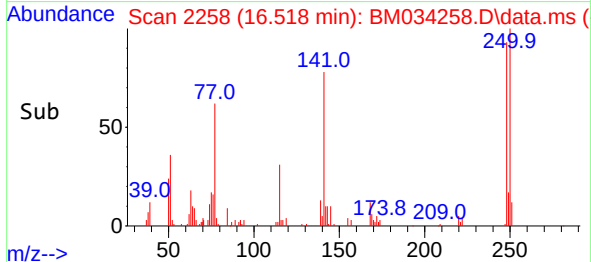
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



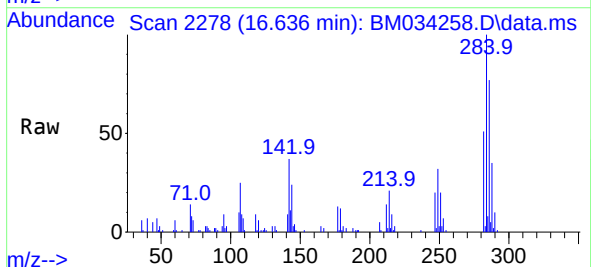
Tgt Ion:248 Resp: 22260
Ion Ratio Lower Upper
248 100
250 108.7 78.0 117.0
141 86.0 63.8 95.6

Manual Integrations
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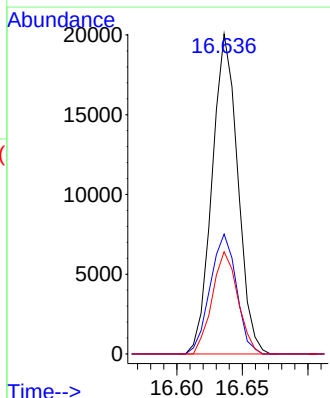
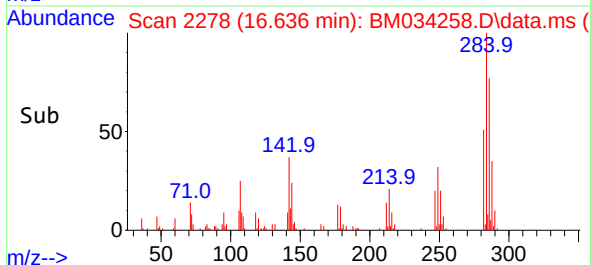
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

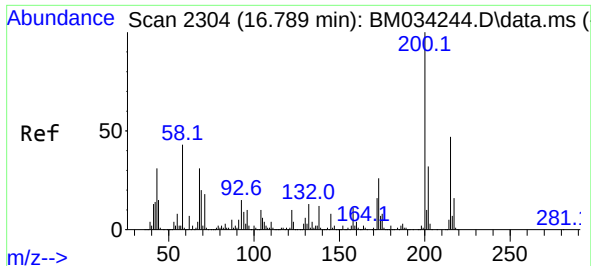


#68
Hexachlorobenzene
Concen: 3.483 ng
RT: 16.636 min Scan# 2278
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



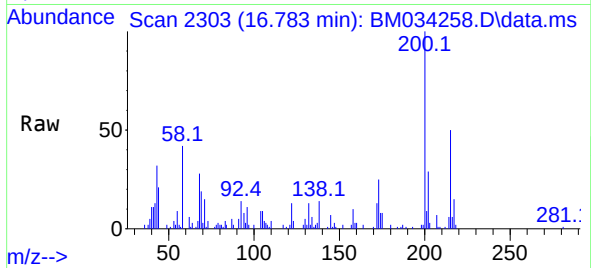
Tgt Ion:284 Resp: 27294
Ion Ratio Lower Upper
284 100
142 37.5 28.9 43.3
249 31.9 25.4 38.0





#69
Atrazine
Concen: 3.108 ng
RT: 16.783 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

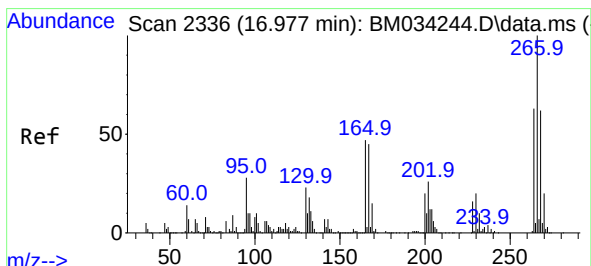
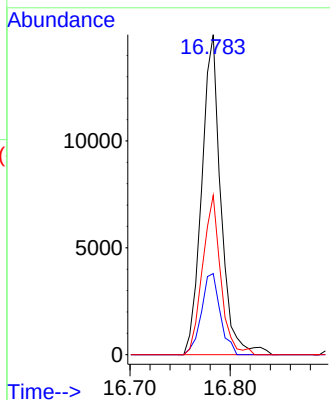
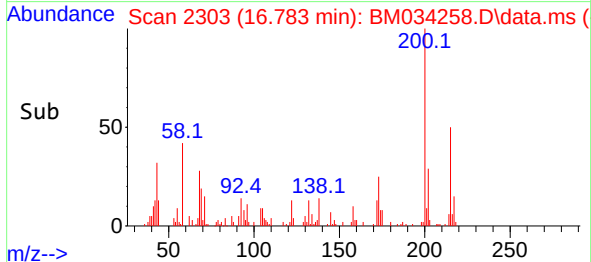
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



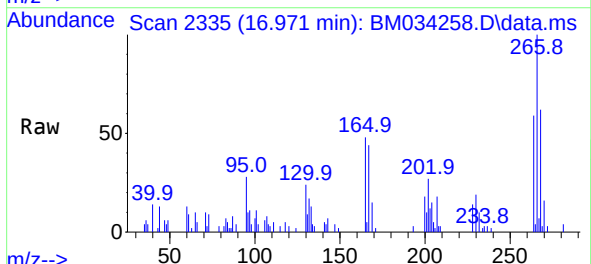
Tgt Ion:200 Resp: 1988
Ion Ratio Lower Upper
200 100
173 25.4 6.1 46.1
215 49.8 27.4 67.4

Manual Integrations
APPROVED

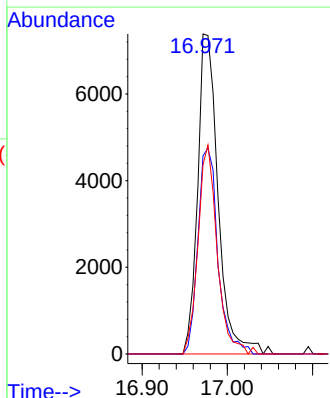
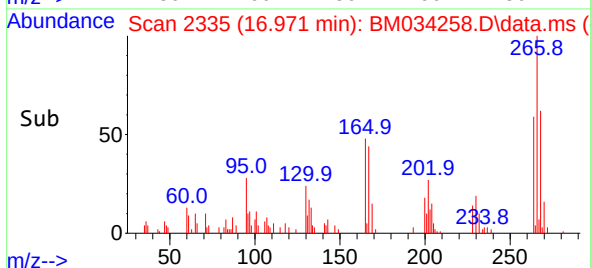
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

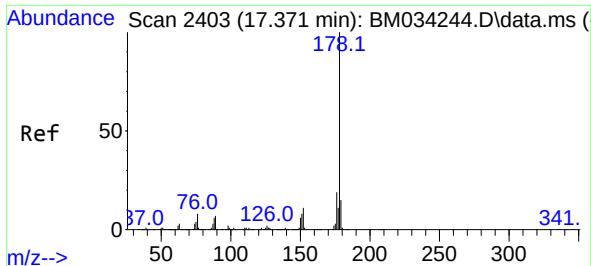


#70
Pentachlorophenol
Concen: 2.466 ng
RT: 16.971 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:266 Resp: 12359
Ion Ratio Lower Upper
266 100
268 61.9 49.8 74.8
264 59.1 50.3 75.5





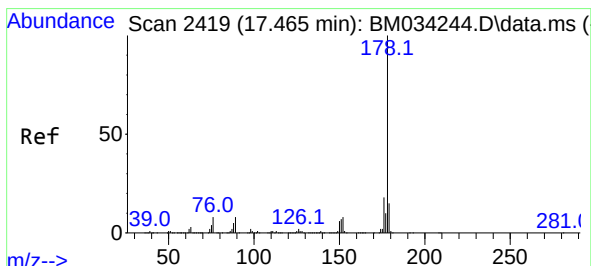
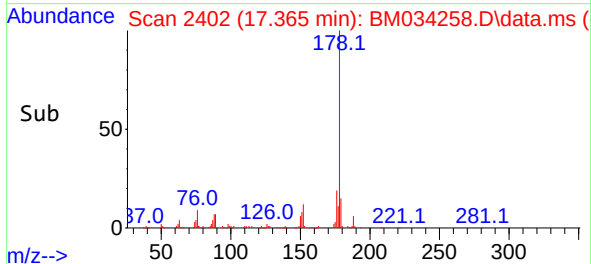
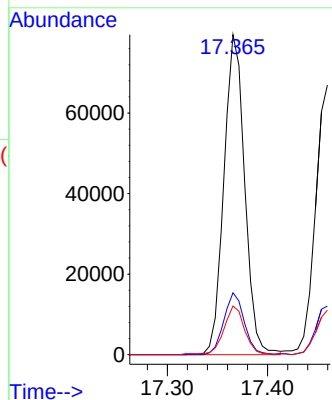
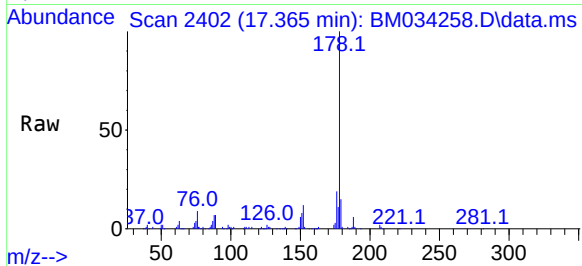
#71
Phenanthrene
Concen: 3.341 ng
RT: 17.365 min Scan# 2403
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:178 Resp: 114336
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 15.2 12.2 18.4

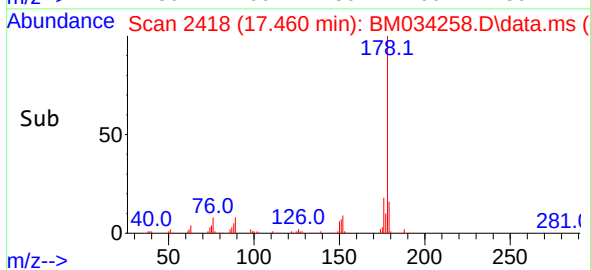
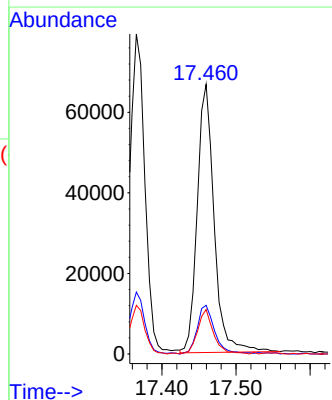
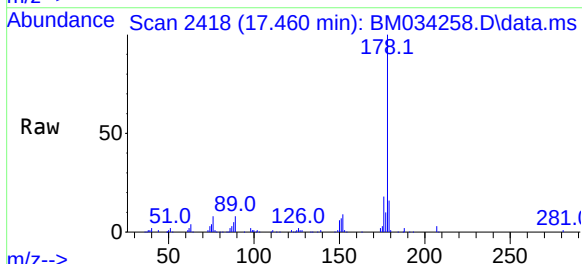
Manual Integrations
APPROVED

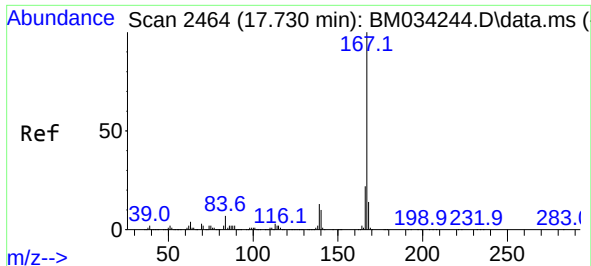
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#72
Anthracene
Concen: 3.166 ng
RT: 17.460 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

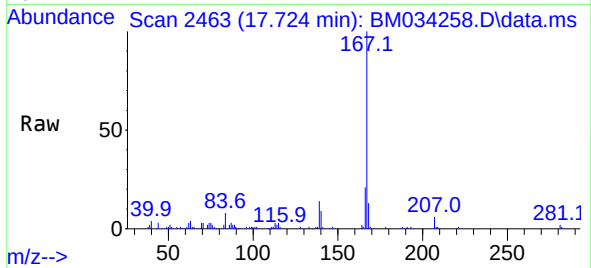
Tgt Ion:178 Resp: 105472
Ion Ratio Lower Upper
178 100
176 18.1 14.6 22.0
179 16.5 12.2 18.2





#73
Carbazole
Concen: 2.283 ng
RT: 17.724 min Scan# 2463
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

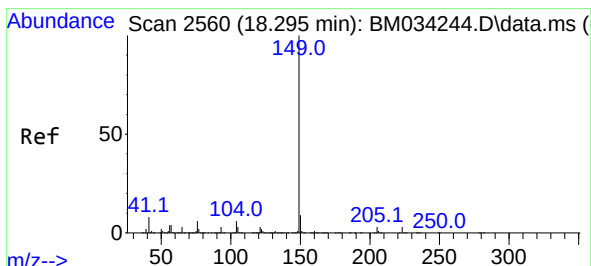
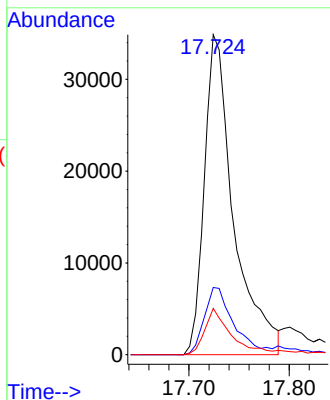
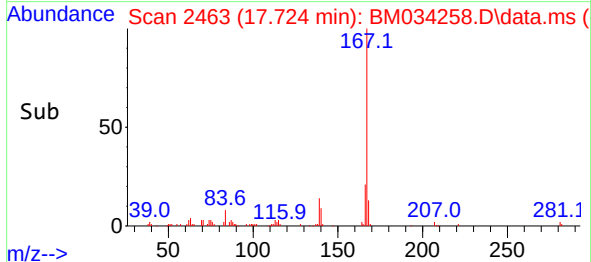
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



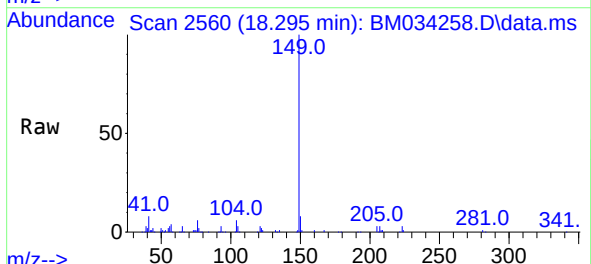
Tgt Ion:167 Resp: 70940
Ion Ratio Lower Upper
167 100
166 21.0 17.4 26.2
139 14.5 10.4 15.6

Manual Integrations
APPROVED

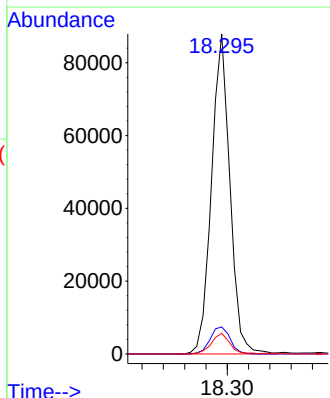
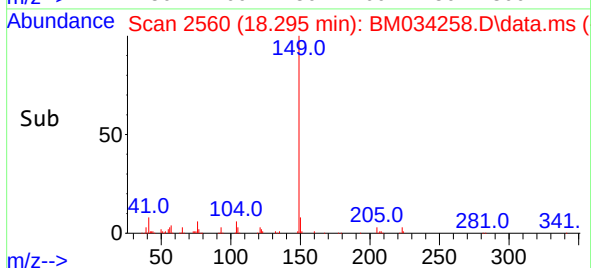
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

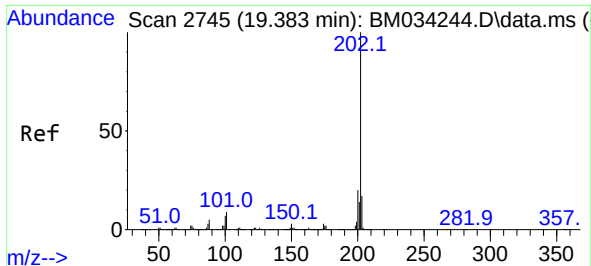


#74
Di-n-butylphthalate
Concen: 2.733 ng
RT: 18.295 min Scan# 2560
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:149 Resp: 105554
Ion Ratio Lower Upper
149 100
150 8.5 7.6 11.4
104 6.4 4.7 7.1





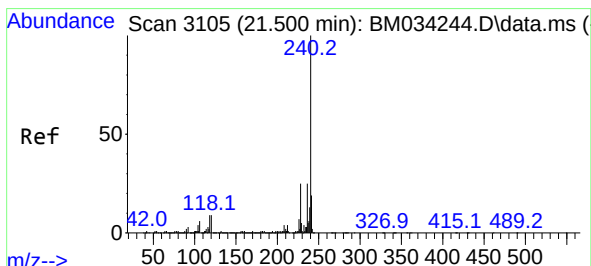
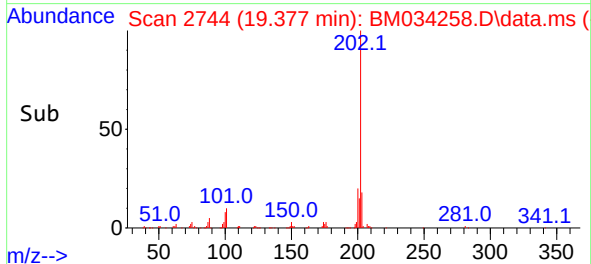
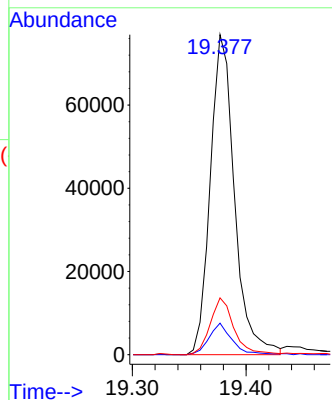
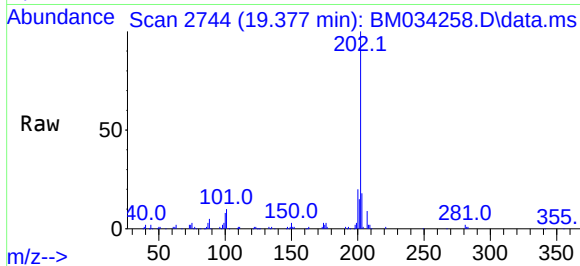
#75
Fluoranthene
Concen: 2.971 ng
RT: 19.377 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:202 Resp: 11398
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.4
203 17.8 0.0 37.1

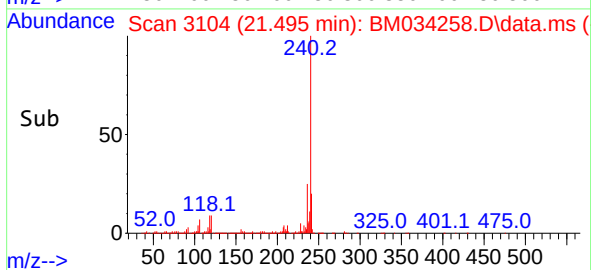
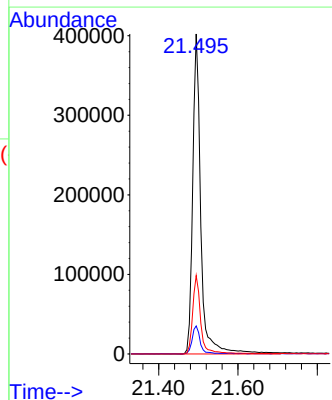
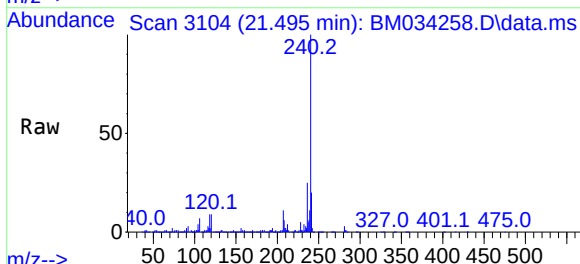
Manual Integrations
APPROVED

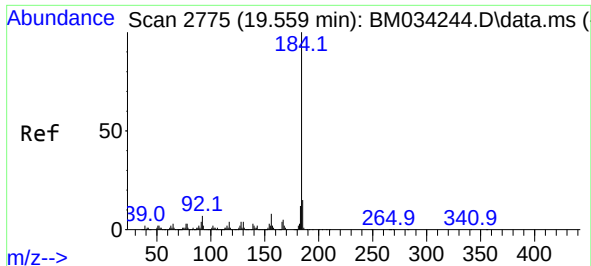
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.495 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion:240 Resp: 573784
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 24.5 20.2 30.2





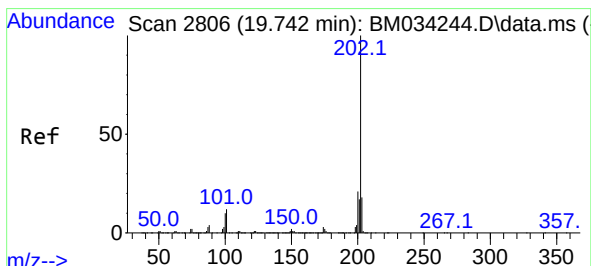
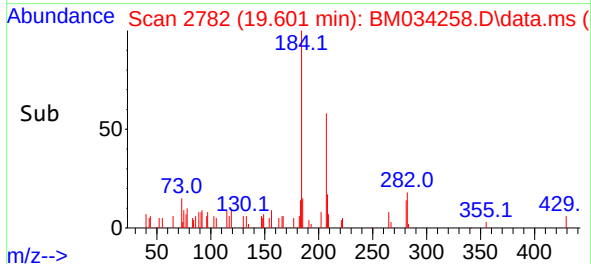
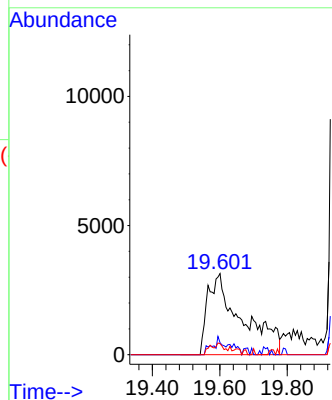
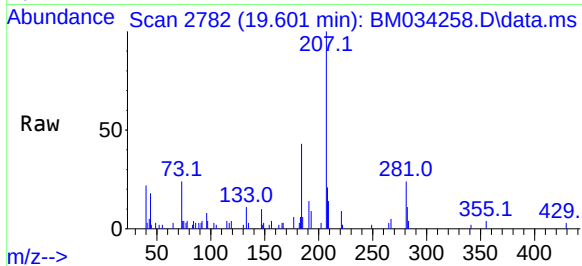
#77
Benzidine
Concen: 2.610 ng m
RT: 19.601 min Scan# 2194
Delta R.T. 0.042 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:184 Resp: 2194
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 13.6 9.8 14.6

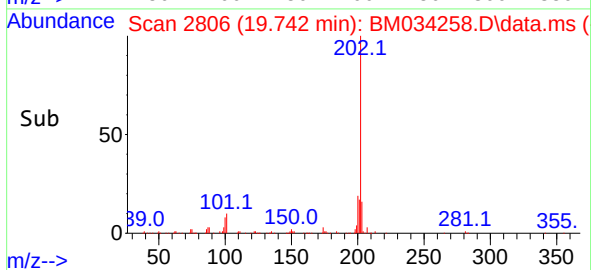
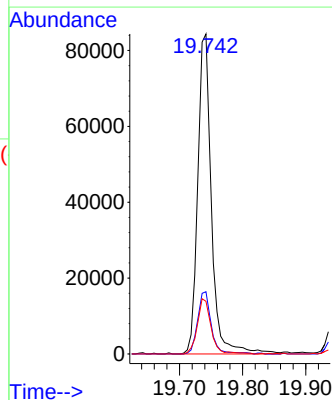
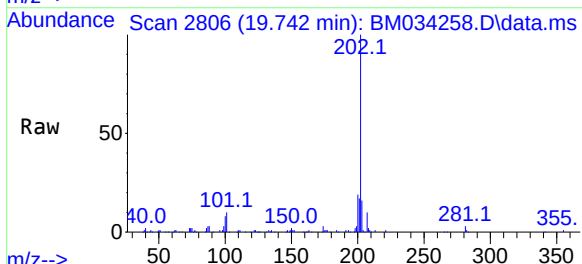
Manual Integrations
APPROVED

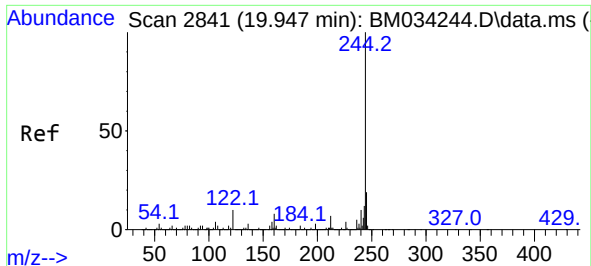
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#78
Pyrene
Concen: 3.137 ng
RT: 19.742 min Scan# 2806
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

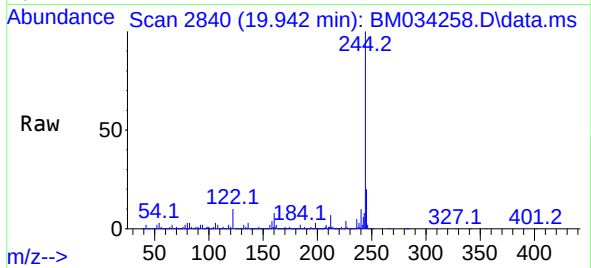
Tgt Ion:202 Resp: 126820
Ion Ratio Lower Upper
202 100
200 19.4 16.6 24.8
203 16.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 77.689 ng
 RT: 19.942 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM034258.D
 Acq: 16 Mar 2022 14:25

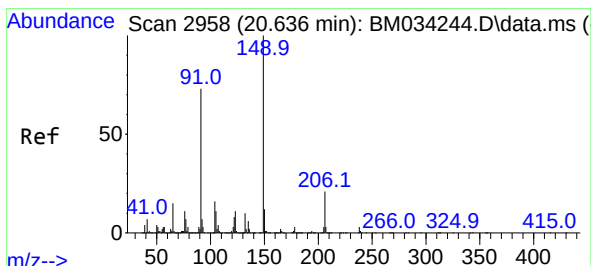
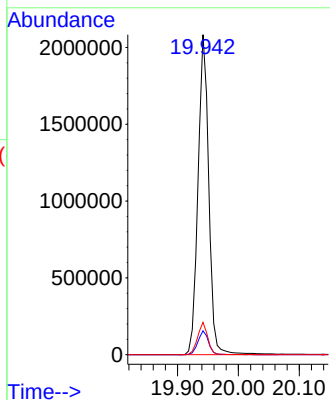
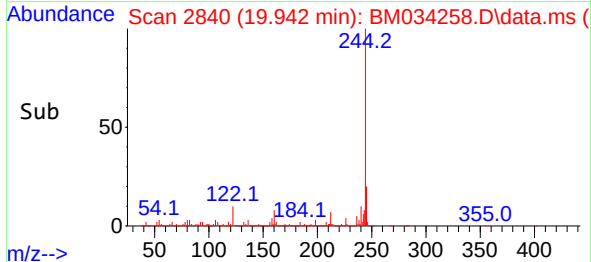
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2022



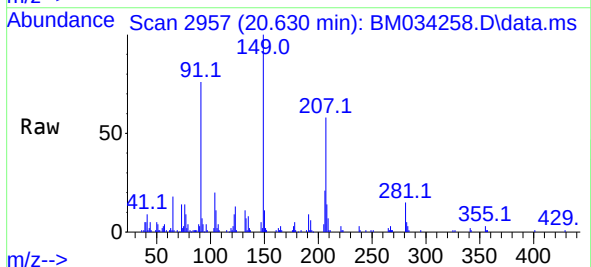
Tgt Ion:244 Resp: 256539
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 10.1 7.8 11.8

Manual Integrations
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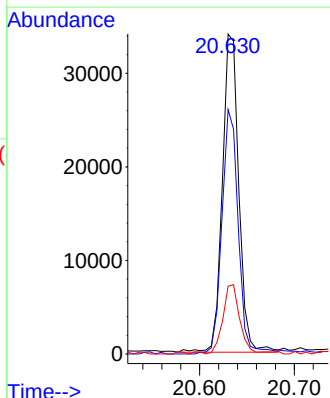
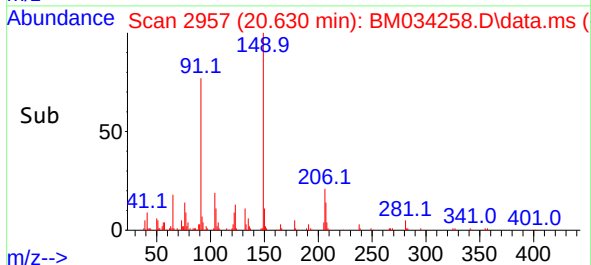
Reviewed By :Christian Giraldo 03/17/2022
 Supervised By :Jagrut Upadhyay 03/17/2022

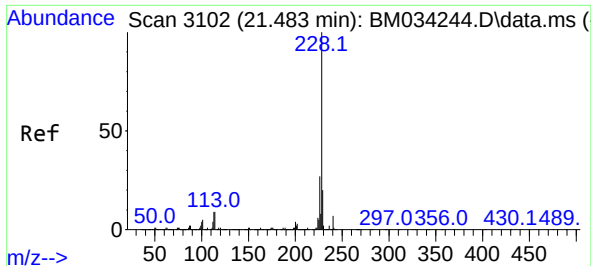


#80
 Butylbenzylphthalate
 Concen: 2.416 ng
 RT: 20.630 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM034258.D
 Acq: 16 Mar 2022 14:25



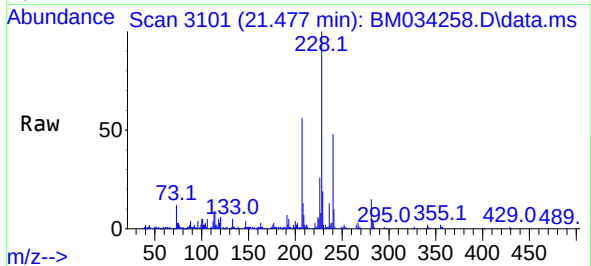
Tgt Ion:149 Resp: 41298
 Ion Ratio Lower Upper
 149 100
 91 76.4 58.5 87.7
 206 21.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 3.072 ng
RT: 21.477 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

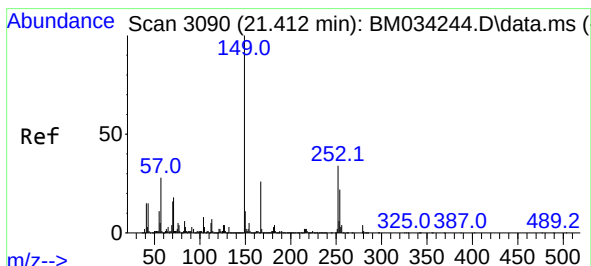
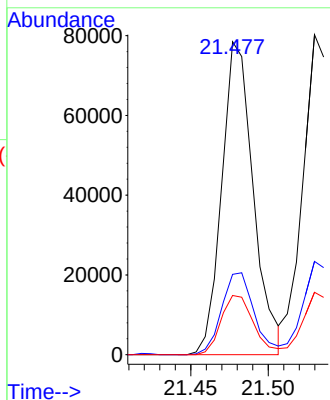
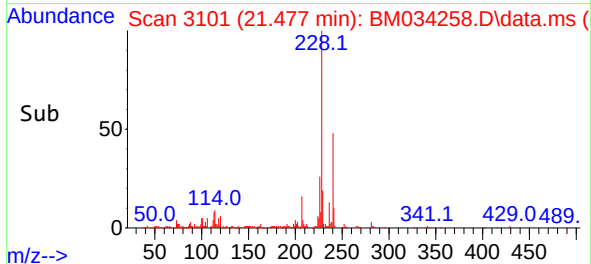
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:228 Resp: 11123
Ion Ratio Lower Upper
228 100
226 25.7 21.6 32.4
229 18.9 15.8 23.6

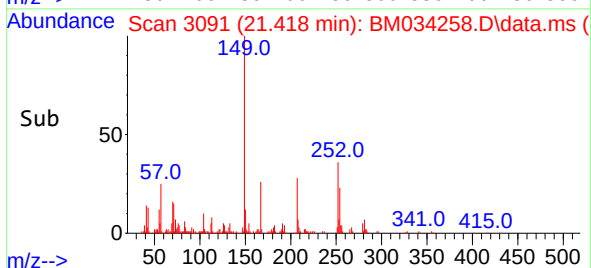
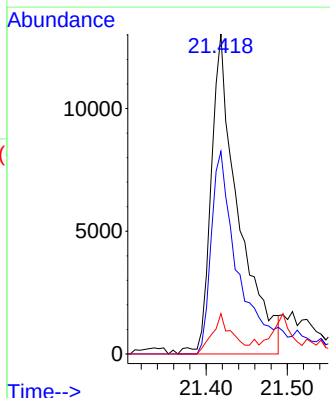
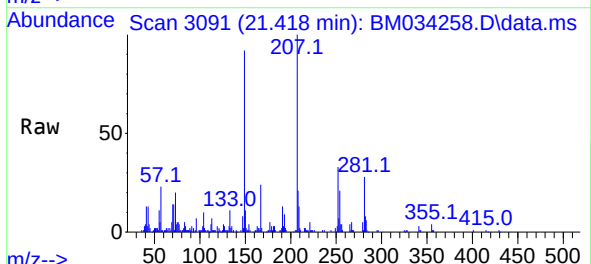
Manual Integrations
APPROVED

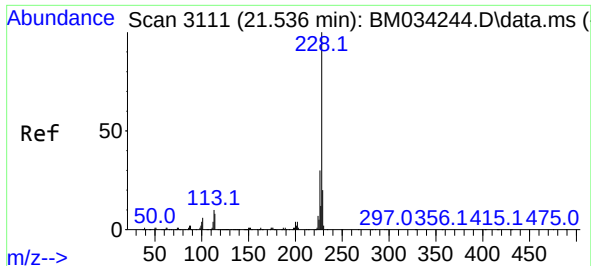
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#82
3,3'-Dichlorobenzidine
Concen: 2.500 ng
RT: 21.418 min Scan# 3091
Delta R.T. 0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

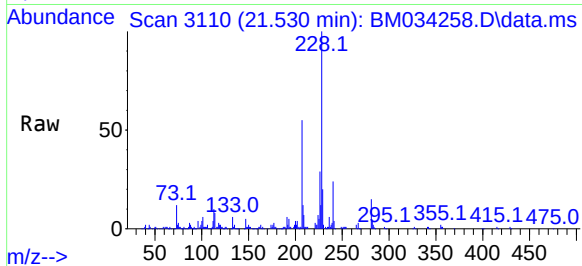
Tgt Ion:252 Resp: 30238
Ion Ratio Lower Upper
252 100
254 63.3 50.9 76.3
126 12.6 8.6 12.8





#83
Chrysene
Concen: 3.334 ng
RT: 21.530 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

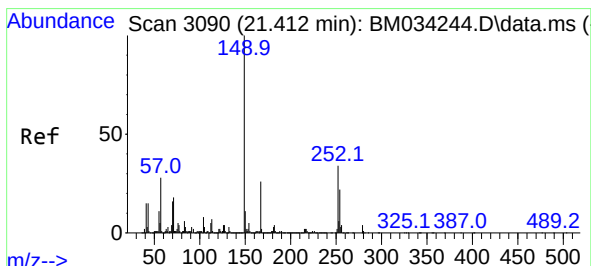
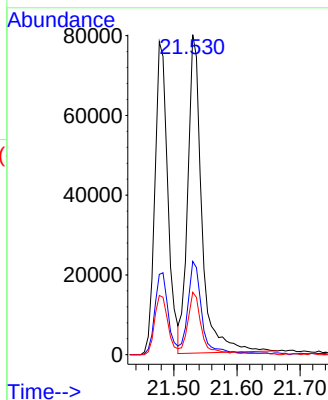
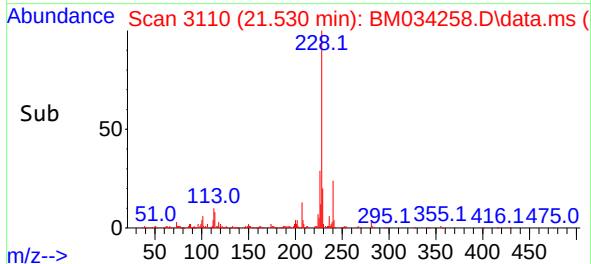
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



Tgt Ion:228 Resp: 12330
Ion Ratio Lower Upper
228 100
226 29.2 23.8 35.6
229 19.5 15.6 23.4

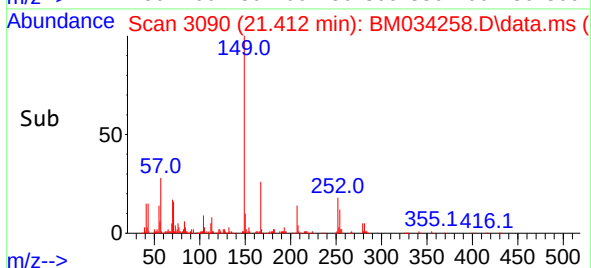
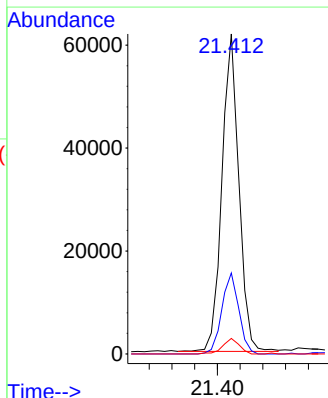
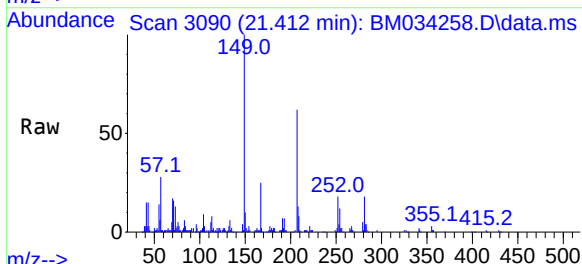
Manual Integrations
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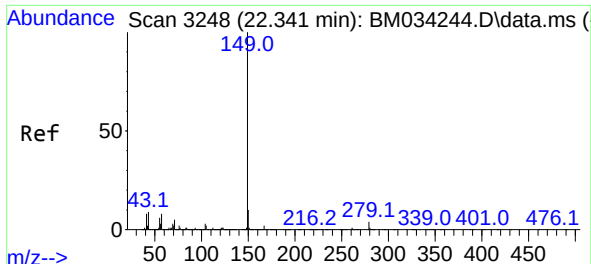
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.527 ng
RT: 21.412 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

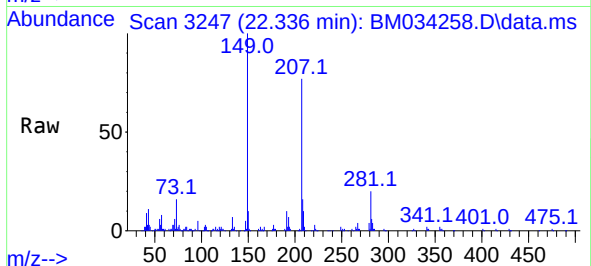
Tgt Ion:149 Resp: 63791
Ion Ratio Lower Upper
149 100
167 25.3 21.2 31.8
279 4.8 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 2.573 ng
RT: 22.336 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

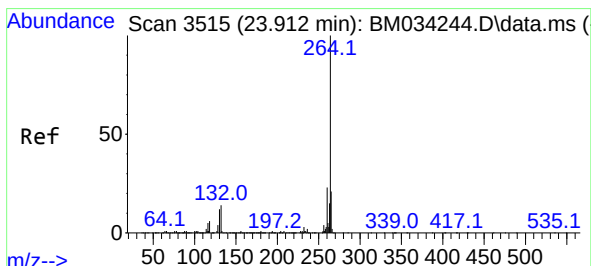
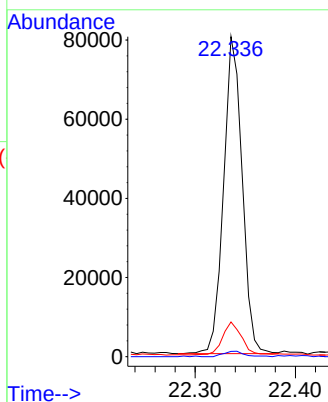
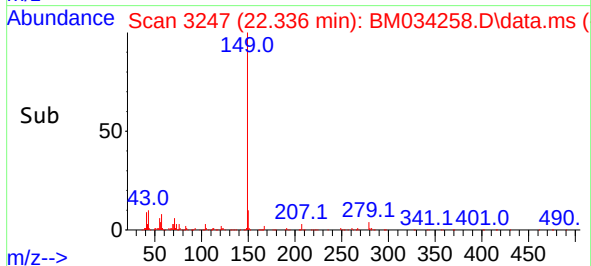
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



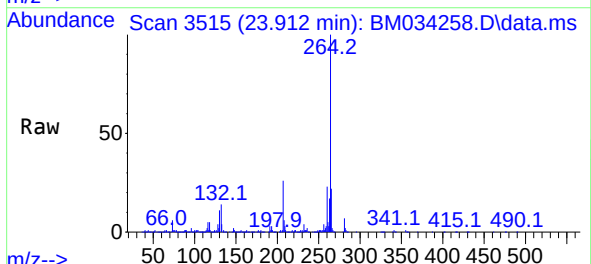
Tgt Ion:149 Resp: 10312
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 10.7 7.8 11.8

Manual Integrations
APPROVED

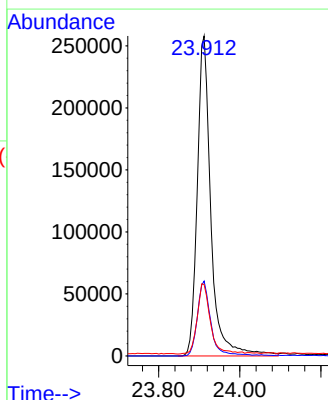
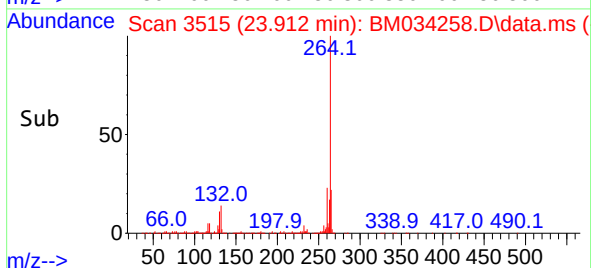
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

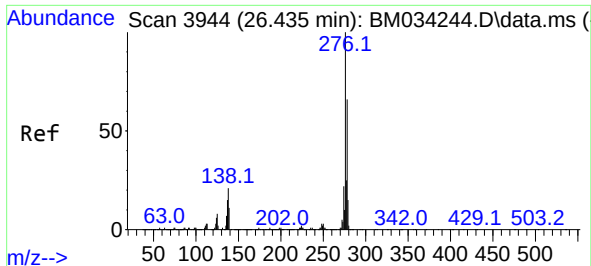


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.912 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



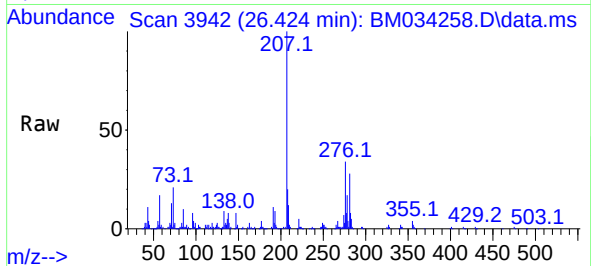
Tgt Ion:264 Resp: 602868
Ion Ratio Lower Upper
264 100
260 23.4 18.6 28.0
265 22.4 17.6 26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.784 ng
RT: 26.424 min Scan# 3942
Delta R.T. -0.012 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

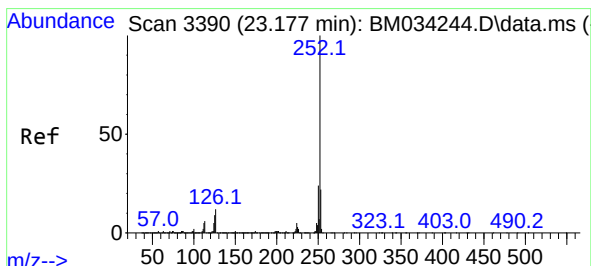
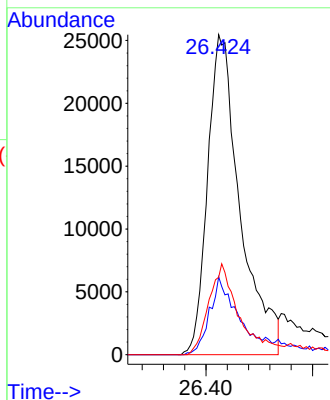
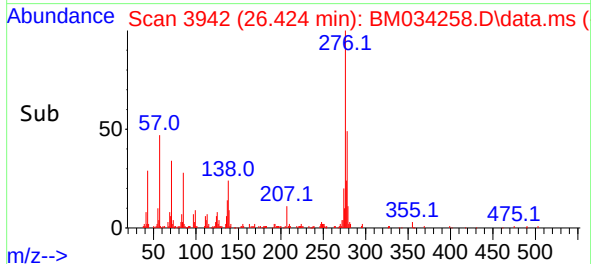
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022



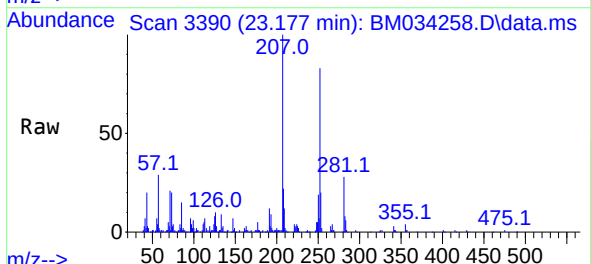
Tgt Ion:276 Resp: 107964
Ion Ratio Lower Upper
276 100
138 22.1 16.6 25.0
277 26.8 19.8 29.6

Manual Integrations
APPROVED

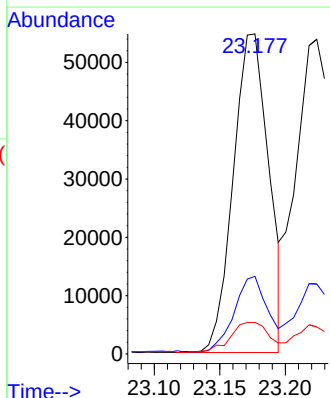
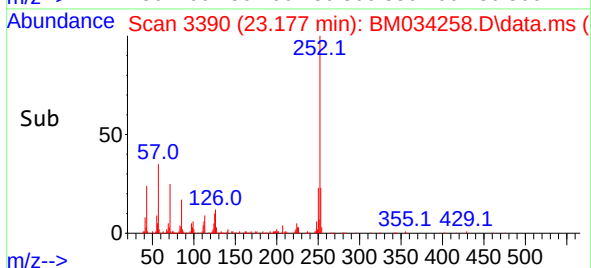
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

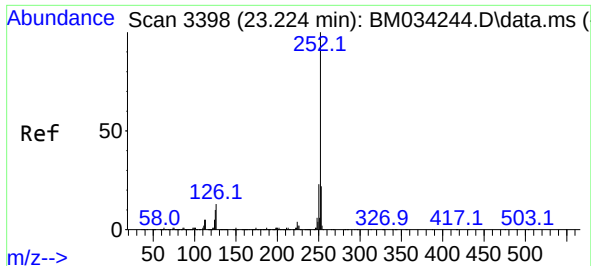


#88
Benzo(b)fluoranthene
Concen: 2.853 ng
RT: 23.177 min Scan# 3390
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25



Tgt Ion:252 Resp: 102869
Ion Ratio Lower Upper
252 100
253 24.2 17.8 26.8
125 9.9 7.2 10.8





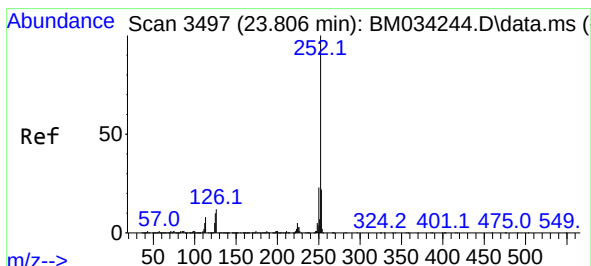
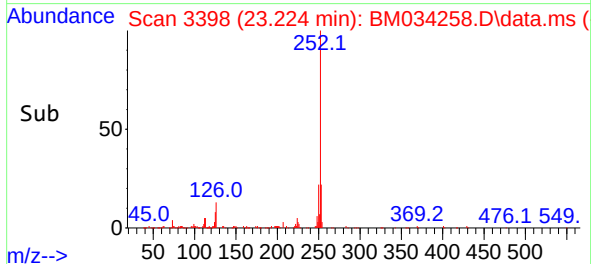
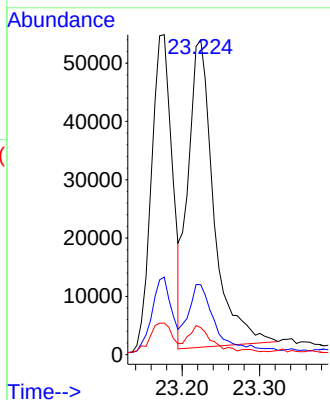
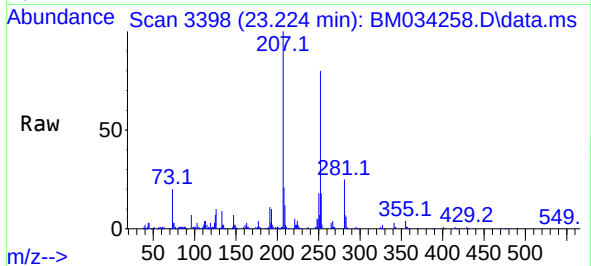
#89
Benzo(k)fluoranthene
Concen: 3.182 ng
RT: 23.224 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:252 Resp: 12151
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 8.6 7.5 11.3

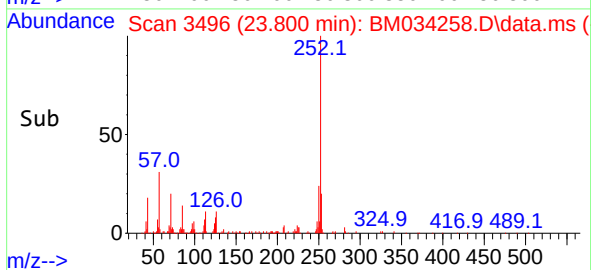
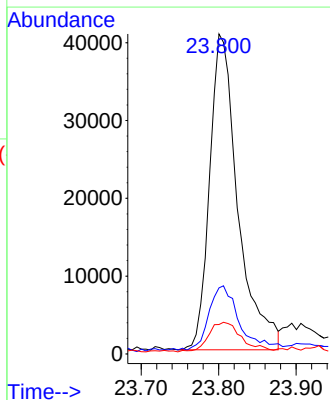
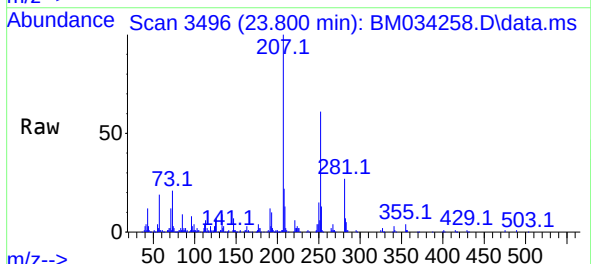
Manual Integrations
APPROVED

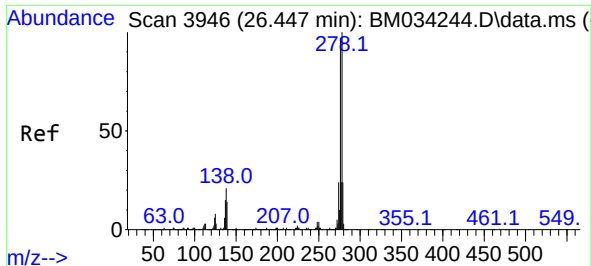
Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#90
Benzo(a)pyrene
Concen: 3.365 ng
RT: 23.800 min Scan# 3496
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion:252 Resp: 102825
Ion Ratio Lower Upper
252 100
253 20.7 17.5 26.3
125 9.2 7.8 11.6





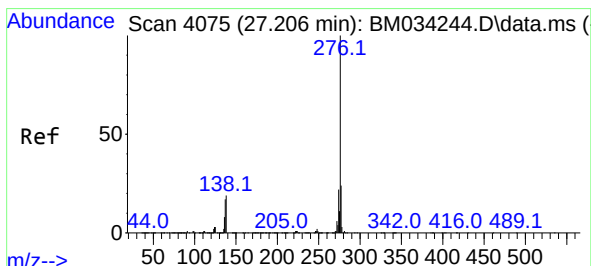
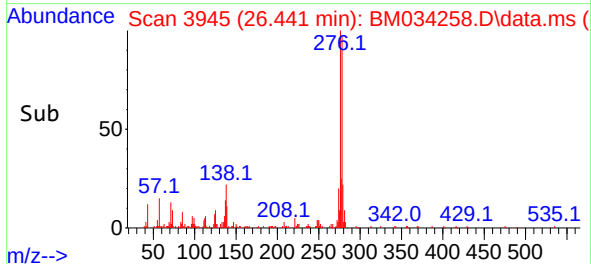
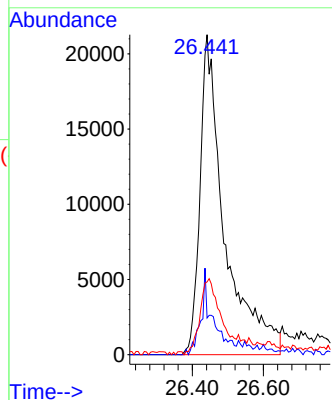
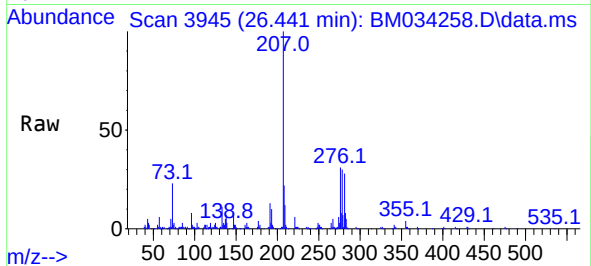
#91
Dibenzo(a,h)anthracene
Concen: 3.263 ng
RT: 26.441 min Scan# 3945
Delta R.T. -0.006 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2022

Tgt Ion:278 Resp: 10262
Ion Ratio Lower Upper
278 100
139 11.4 11.2 16.8
279 22.7 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022



#92
Benzo(g,h,i)perylene
Concen: 3.547 ng
RT: 27.188 min Scan# 4072
Delta R.T. -0.017 min
Lab File: BM034258.D
Acq: 16 Mar 2022 14:25

Tgt Ion:276 Resp: 115448
Ion Ratio Lower Upper
276 100
277 20.2 19.0 28.4
138 20.1 15.6 23.4

