

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034309.D
 Acq On : 22 Mar 2022 13:59
 Operator : CG/JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2021

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/23/2022
 Supervised By : Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 14:52:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 14:39:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	141628	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	594644	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	402472	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	860787	20.000	ng	-0.01
76) Chrysene-d12	21.488	240	933447	20.000	ng	-0.01
86) Perylene-d12	23.900	264	1002388	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	881045	111.600	ng	-0.01
7) Phenol-d6	7.095	99	1319875	116.768	ng	-0.01
23) Nitrobenzene-d5	9.101	82	1035705	84.799	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	641898	118.326	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2451092	83.220	ng	0.00
79) Terphenyl-d14	19.936	244	4061889	75.612	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	14056	3.935	ng	91
3) Pyridine	3.772	79	28953m	2.995	ng	
4) n-Nitrosodimethylamine	3.672	42	16478	3.590	ng	# 93
6) Aniline	7.260	93	50872	3.938	ng	99
8) 2-Chlorophenol	7.501	128	32966	3.570	ng	97
9) Benzaldehyde	7.072	77	32751m	5.378	ng	
10) Phenol	7.125	94	39652	3.527	ng	93
11) bis(2-Chloroethyl)ether	7.360	93	35210	3.816	ng	97
12) 1,3-Dichlorobenzene	7.831	146	37663	3.596	ng	97
13) 1,4-Dichlorobenzene	7.978	146	38897	3.627	ng	96
14) 1,2-Dichlorobenzene	8.295	146	37635	3.600	ng	98
15) Benzyl Alcohol	8.178	79	28793	3.201	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.478	45	48263	3.811	ng	99
17) 2-Methylphenol	8.383	107	25451	3.232	ng	93
18) Hexachloroethane	9.031	117	14156	3.579	ng	89
19) n-Nitroso-di-n-propyla...	8.748	70	28855	3.529	ng	95
20) 3+4-Methylphenols	8.713	107	34142	3.135	ng	95
22) Acetophenone	8.766	105	54496	3.571	ng	# 94
24) Nitrobenzene	9.142	77	48472m	4.251	ng	
25) Isophorone	9.672	82	76241	3.730	ng	97
26) 2-Nitrophenol	9.866	139	14193	2.807	ng	94
27) 2,4-Dimethylphenol	9.919	122	29089	3.674	ng	99
28) bis(2-Chloroethoxy)met...	10.160	93	45046	3.443	ng	99
29) 2,4-Dichlorophenol	10.401	162	27443	2.983	ng	92
30) 1,2,4-Trichlorobenzene	10.619	180	36928	3.531	ng	96
31) Naphthalene	10.801	128	116159	3.750	ng	99
33) 4-Chloroaniline	10.913	127	36586	2.994	ng	98
34) Hexachlorobutadiene	11.101	225	22648	3.419	ng	98
35) Caprolactam	11.660	113	8690	2.717	ng	91
36) 4-Chloro-3-methylphenol	12.030	107	30828	2.924	ng	96
37) 2-Methylnaphthalene	12.413	142	79957	3.617	ng	97
38) 1-Methylnaphthalene	12.630	142	78850	3.646	ng	96
40) 1,2,4,5-Tetrachloroben...	12.783	216	42923	3.534	ng	99
41) Hexachlorocyclopentadiene	12.766	237	24888	3.539	ng	97
43) 2,4,6-Trichlorophenol	13.018	196	23350	2.785	ng	98
44) 2,4,5-Trichlorophenol	13.089	196	25831	2.870	ng	93

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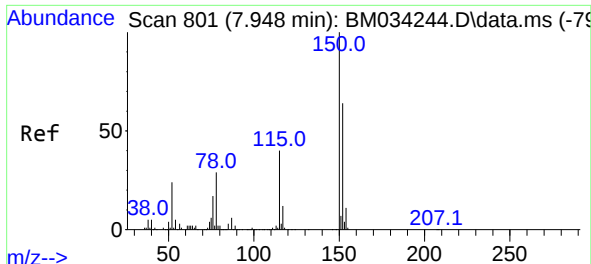
Quant Time: Mar 22 14:52:00 2022
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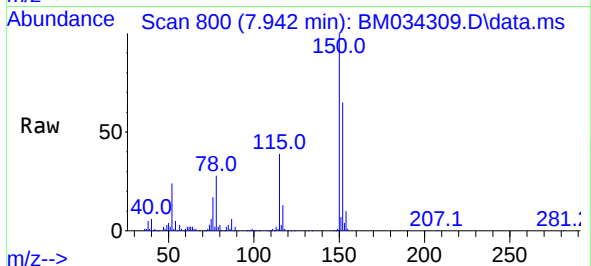
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.418	154	113355	3.694	ng	97
47) 2-Chloronaphthalene	13.460	162	83754	3.556	ng	99
48) 2-Nitroaniline	13.660	65	18718	2.599	ng	95
49) Acenaphthylene	14.301	152	132763	3.616	ng	98
50) Dimethylphthalate	14.036	163	110109	3.595	ng	98
51) 2,6-Dinitrotoluene	14.148	165	19602	3.120	ng	91
52) Acenaphthene	14.642	154	84312m	3.409	ng	
53) 3-Nitroaniline	14.483	138	14462	2.294	ng	85
55) Dibenzofuran	14.977	168	130555	3.543	ng	98
57) 2,4-Dinitrotoluene	14.930	165	23722	2.793	ng	# 84
58) Fluorene	15.624	166	105632	3.531	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.201	232	23486	2.894	ng	97
60) Diethylphthalate	15.395	149	108723	3.460	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	54582	3.573	ng	95
62) 4-Nitroaniline	15.636	138	14368m	2.369	ng	
63) Azobenzene	15.912	77	99304	3.277	ng	99
66) n-Nitrosodiphenylamine	15.830	169	88728	3.244	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	32019	3.236	ng	99
68) Hexachlorobenzene	16.630	284	38978	3.532	ng	99
69) Atrazine	16.777	200	30021	3.331	ng	99
70) Pentachlorophenol	16.971	266	18017	2.553	ng	92
71) Phenanthrene	17.359	178	172236	3.573	ng	100
72) Anthracene	17.453	178	163127	3.477	ng	100
73) Carbazole	17.718	167	129929	2.969	ng	97
74) Di-n-butylphthalate	18.289	149	167944	3.087	ng	99
75) Fluoranthene	19.371	202	195947	3.626	ng	98
77) Benzidine	19.589	184	48057m	3.513	ng	
78) Pyrene	19.736	202	207821	3.160	ng	99
80) Butylbenzylphthalate	20.630	149	70593	2.538	ng	98
81) Benzo(a)anthracene	21.477	228	202376	3.435	ng	98
82) 3,3'-Dichlorobenzidine	21.412	252	59685	3.033	ng	98
83) Chrysene	21.524	228	209017	3.474	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	112490	2.739	ng	99
85) Di-n-octyl phthalate	22.330	149	192926	2.959	ng	# 99
87) Indeno(1,2,3-cd)pyrene	26.412	276	198524	3.079	ng	97
88) Benzo(b)fluoranthene	23.165	252	195456	3.261	ng	98
89) Benzo(k)fluoranthene	23.218	252	214317	3.375	ng	97
90) Benzo(a)pyrene	23.794	252	186614	3.672	ng	97
91) Dibenzo(a,h)anthracene	26.429	278	163333m	3.124	ng	
92) Benzo(g,h,i)perylene	27.176	276	184330	3.406	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

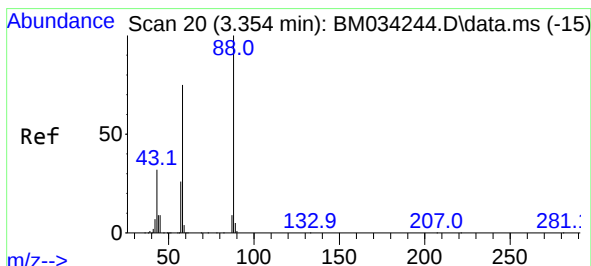
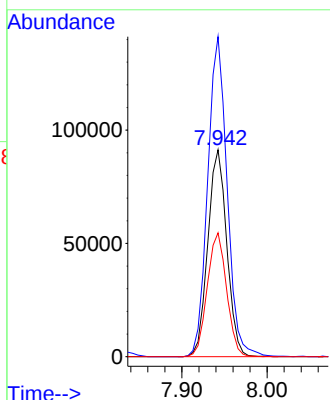
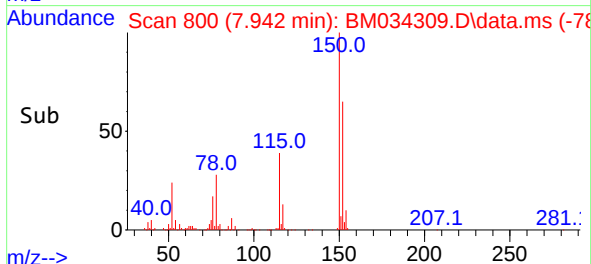
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:152 Resp: 141628
Ion Ratio Lower Upper
152 100
150 154.6 125.4 188.2
115 59.8 50.1 75.1

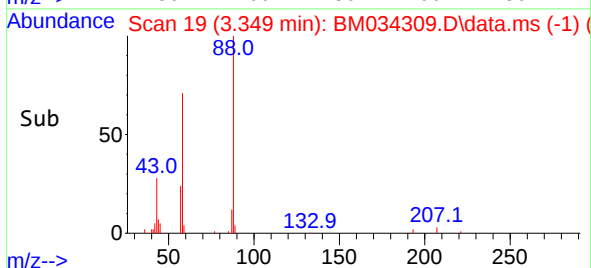
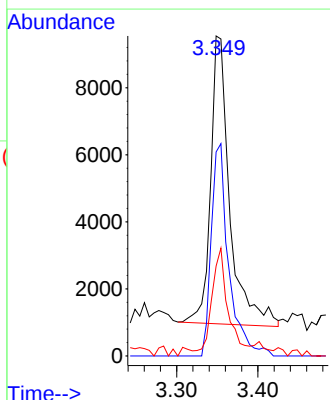
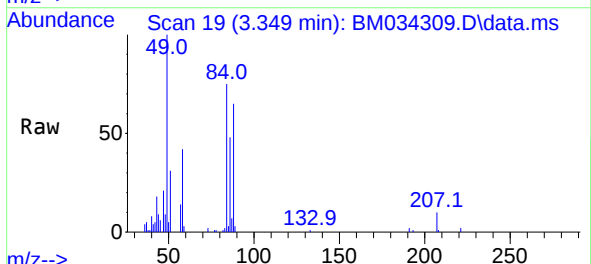
Manual Integrations
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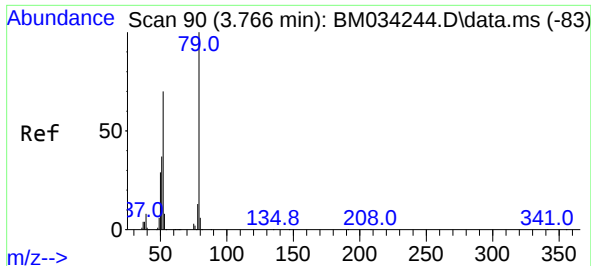
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#2
1,4-Dioxane
Concen: 3.935 ng
RT: 3.349 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

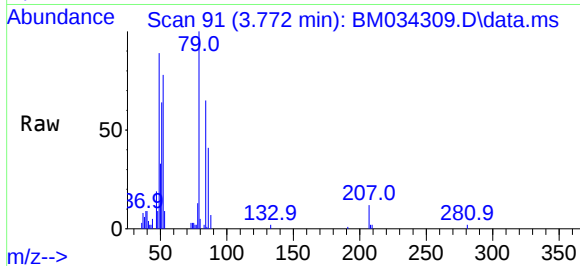
Tgt Ion: 88 Resp: 14056
Ion Ratio Lower Upper
88 100
58 67.1 60.4 90.6
43 28.3 25.4 38.0





#3
Pyridine
Concen: 2.995 ng m
RT: 3.772 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

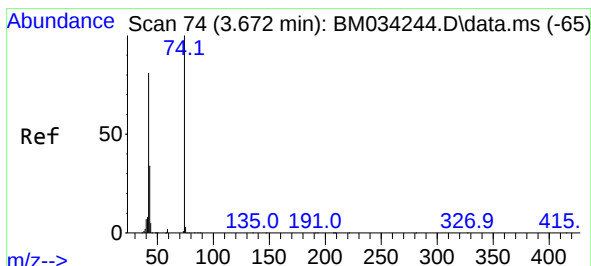
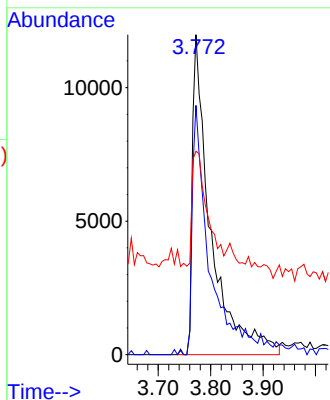
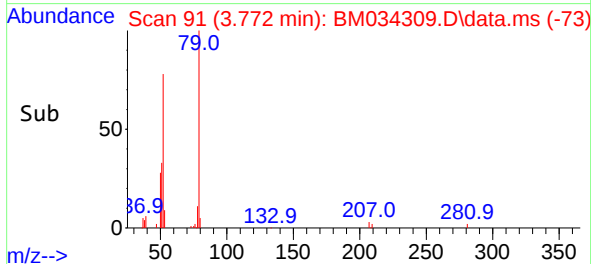
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2021



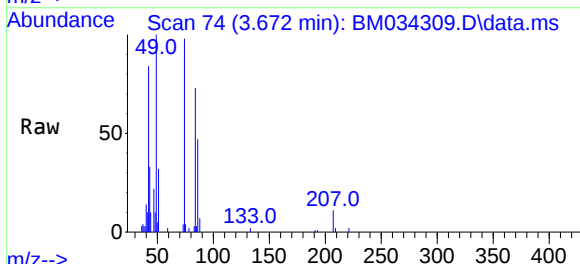
Tgt Ion: 79 Resp: 2895
Ion Ratio Lower Upper
79 100
52 77.9 56.1 84.1
51 63.5 30.4 45.6

Manual Integrations
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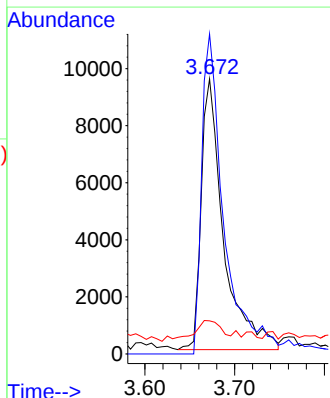
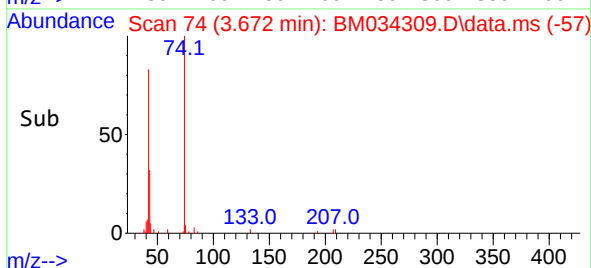
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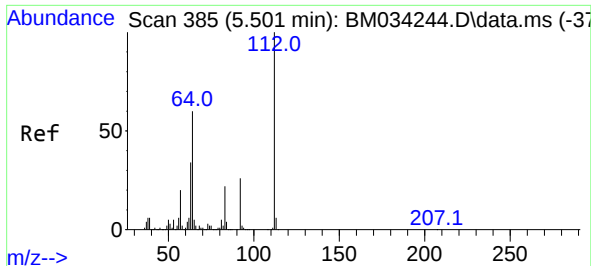


#4
n-Nitrosodimethylamine
Concen: 3.590 ng
RT: 3.672 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



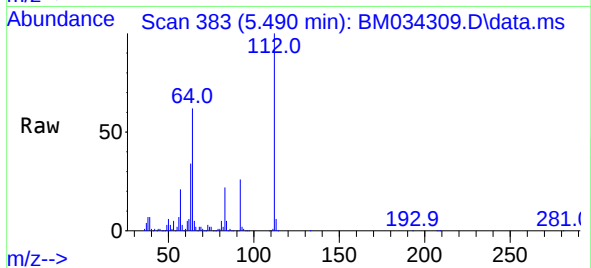
Tgt Ion: 42 Resp: 16478
Ion Ratio Lower Upper
42 100
74 116.3 99.3 148.9
44 12.1 5.0 7.6





#5
2-Fluorophenol
Concen: 111.600 ng
RT: 5.490 min Scan# 385
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

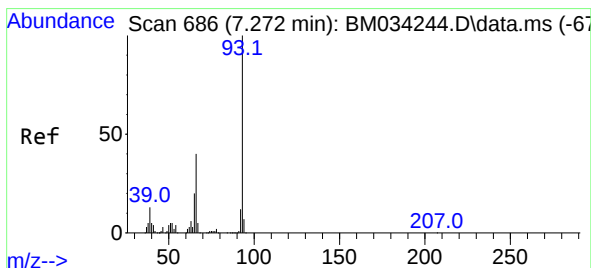
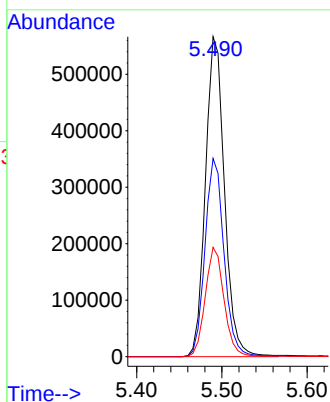
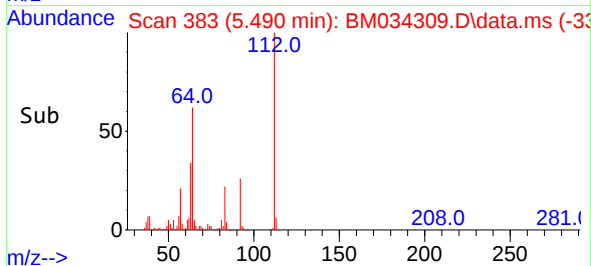
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 112 Resp: 881045
Ion Ratio Lower Upper
112 100
64 62.0 47.9 71.9
63 34.2 27.1 40.7

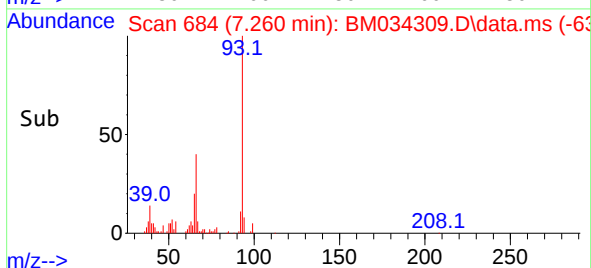
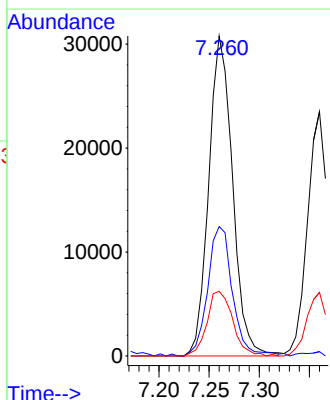
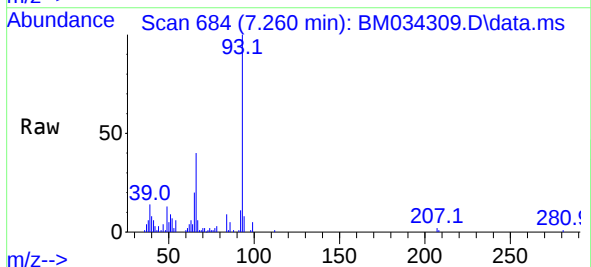
Manual Integrations
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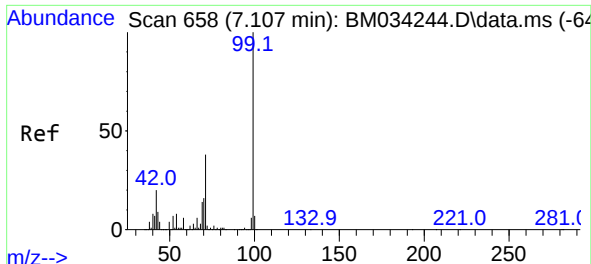
Reviewed By :Christian Giraldo 03/23/2022
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#6
Aniline
Concen: 3.938 ng
RT: 7.260 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

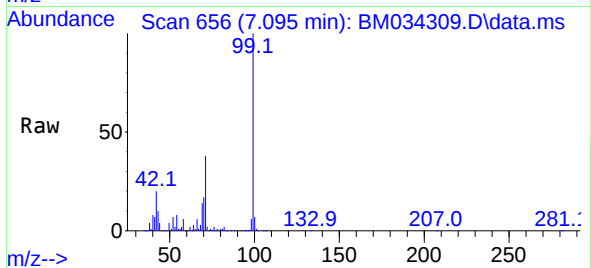
Tgt Ion: 93 Resp: 50872
Ion Ratio Lower Upper
93 100
66 40.4 31.9 47.9
65 20.2 16.2 24.4





#7
Phenol-d6
Concen: 116.768 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

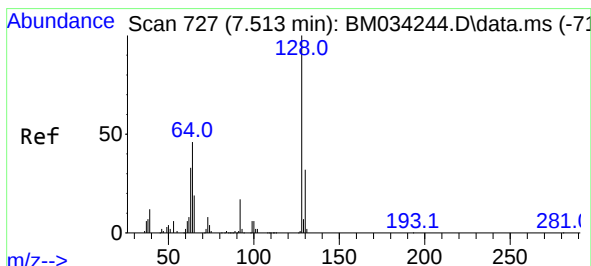
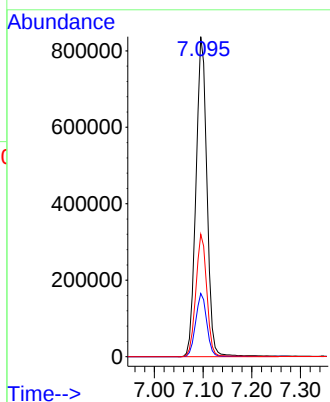
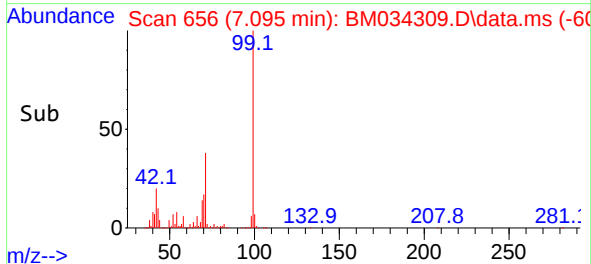
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ClientSampleId :
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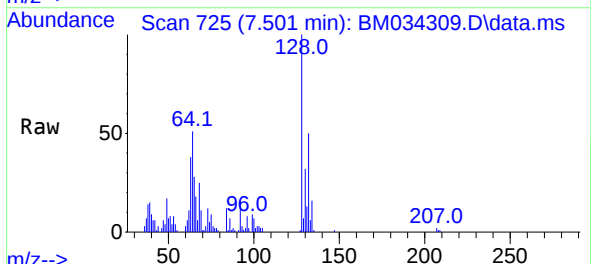
Tgt Ion: 99 Resp: 131987
Ion Ratio Lower Upper
99 100
42 19.8 15.6 23.4
71 38.3 30.6 46.0

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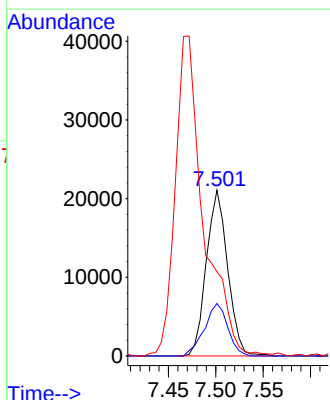
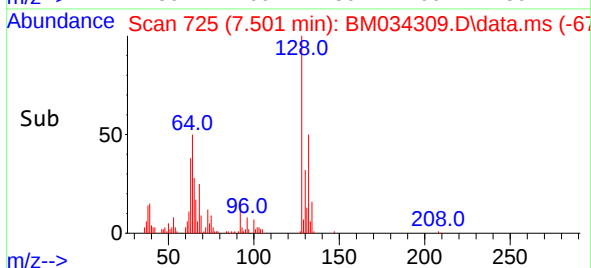
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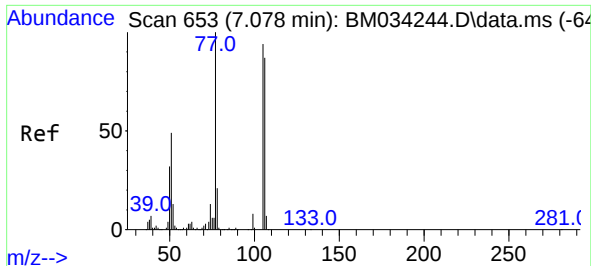


#8
2-Chlorophenol
Concen: 3.570 ng
RT: 7.501 min Scan# 725
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



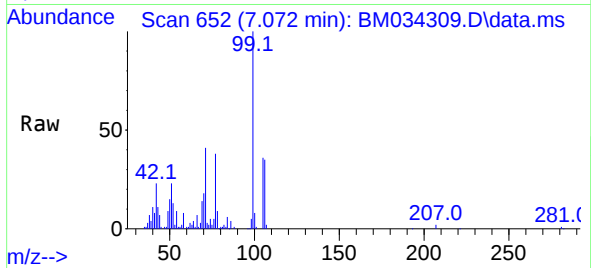
Tgt Ion:128 Resp: 32966
Ion Ratio Lower Upper
128 100
130 31.7 12.3 52.3
64 50.9 28.1 68.1





#9
Benzaldehyde
Concen: 5.378 ng m
RT: 7.072 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

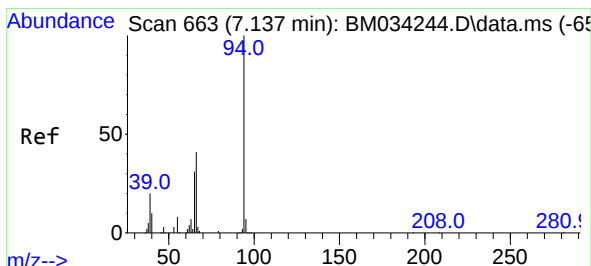
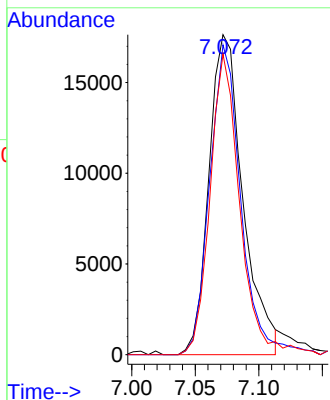
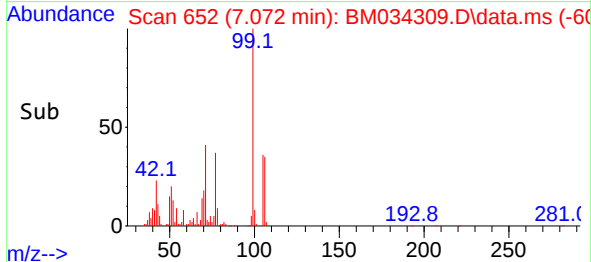
Instrument :
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ClientSampleId :
MDL-WATER-03-QT4-2021



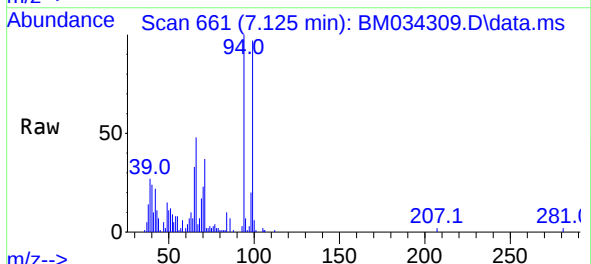
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Ion Ratio Lower Upper
77 100
105 96.8 73.9 113.9
106 93.9 67.2 107.2

Manual Integrations
APPROVED

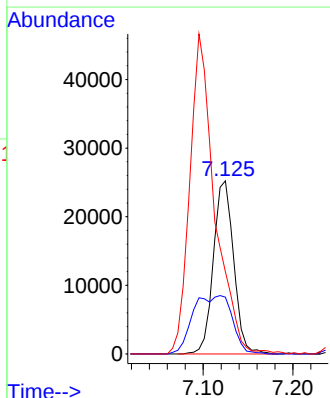
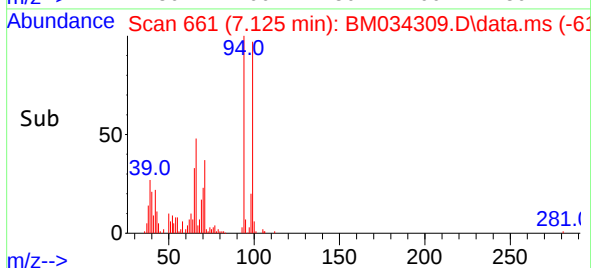
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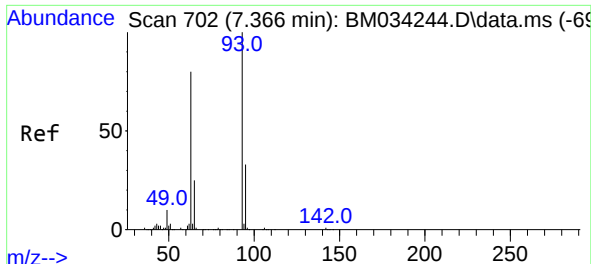


#10
Phenol
Concen: 3.527 ng
RT: 7.125 min Scan# 661
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



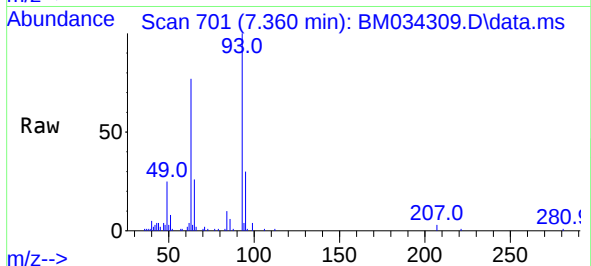
Tgt Ion: 94 Resp: 39652
Ion Ratio Lower Upper
94 100
65 32.9 10.9 50.9
66 47.5 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 3.816 ng
RT: 7.360 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

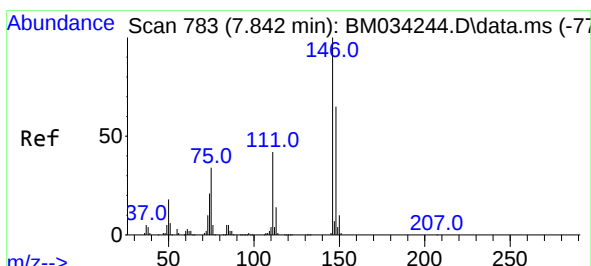
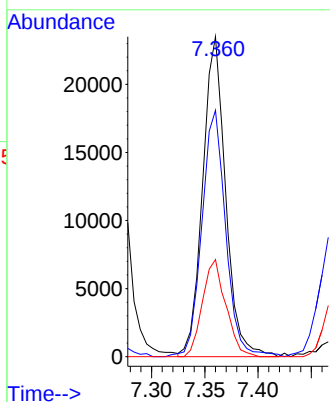
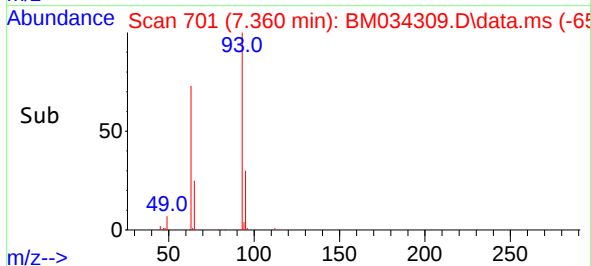
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 93 Resp: 35210
Ion Ratio Lower Upper
93 100
63 77.0 59.6 99.6
95 30.3 12.6 52.6

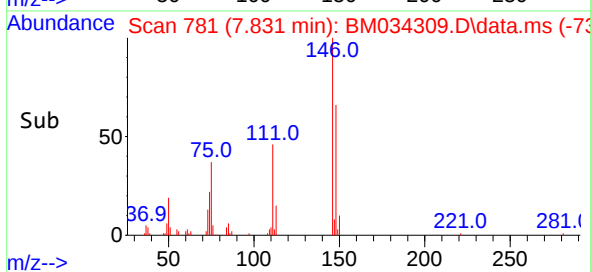
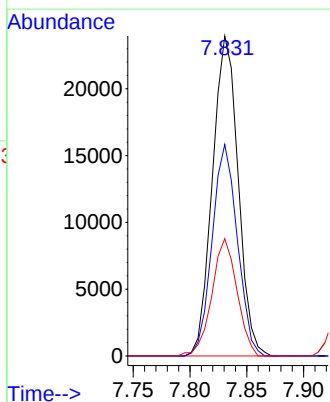
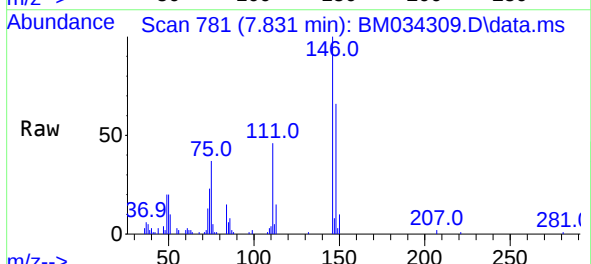
Manual Integrations
APPROVED

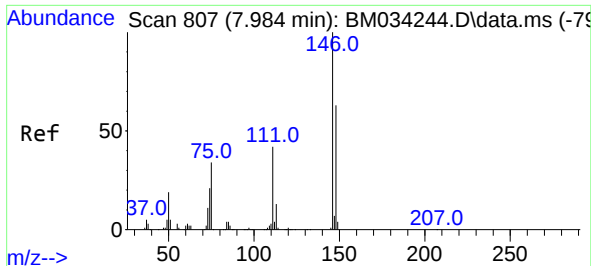
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#12
1,3-Dichlorobenzene
Concen: 3.596 ng
RT: 7.831 min Scan# 781
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

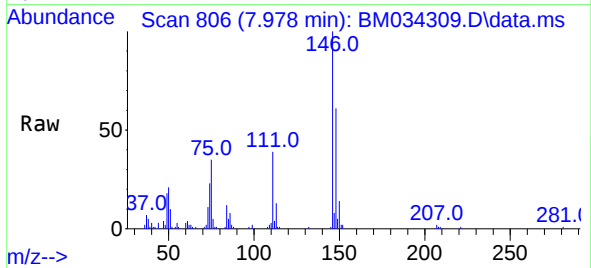
Tgt Ion:146 Resp: 37663
Ion Ratio Lower Upper
146 100
148 66.1 51.8 77.8
75 36.7 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 3.627 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

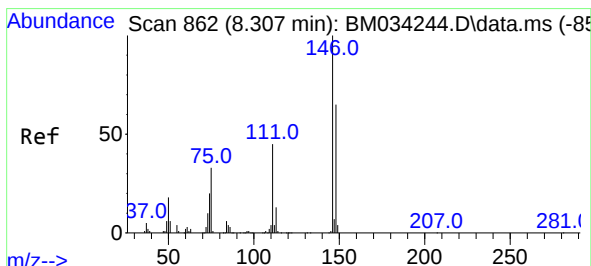
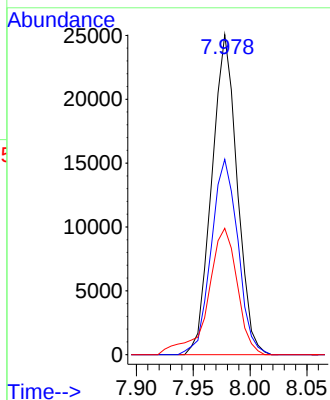
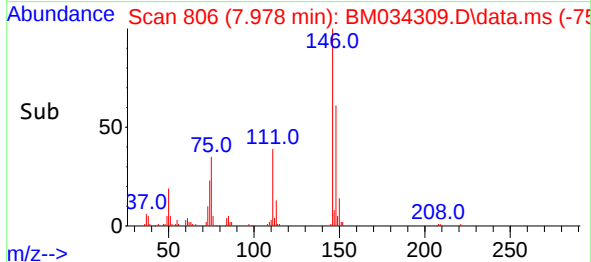
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



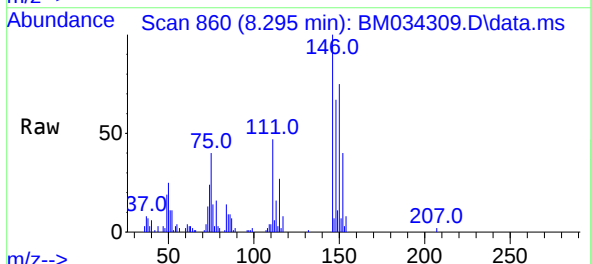
Tgt Ion:146 Resp: 3889
Ion Ratio Lower Upper
146 100
148 61.0 50.6 76.0
111 39.5 34.0 51.0

Manual Integrations
APPROVED

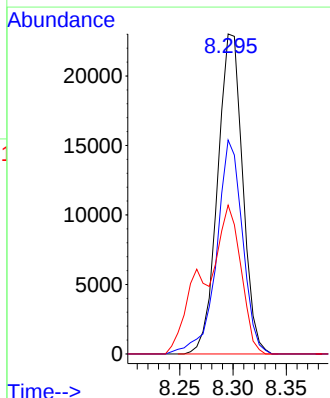
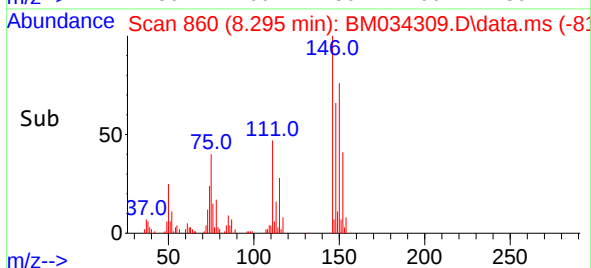
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

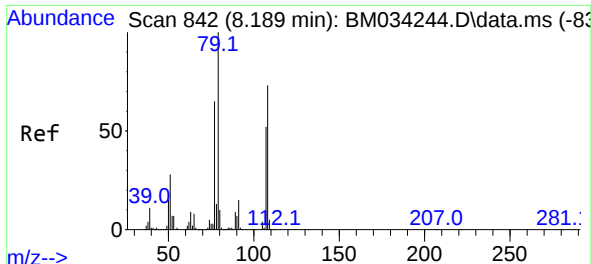


#14
1,2-Dichlorobenzene
Concen: 3.600 ng
RT: 8.295 min Scan# 860
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



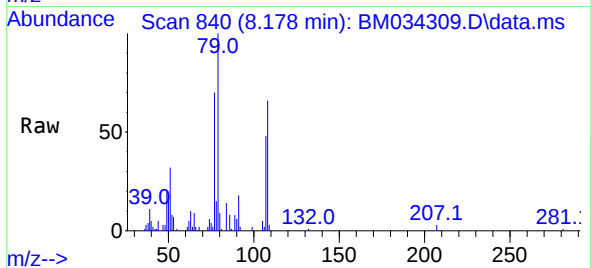
Tgt Ion:146 Resp: 37635
Ion Ratio Lower Upper
146 100
148 66.8 52.2 78.4
111 46.5 35.8 53.8





#15
Benzyl Alcohol
Concen: 3.201 ng
RT: 8.178 min Scan# 84
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

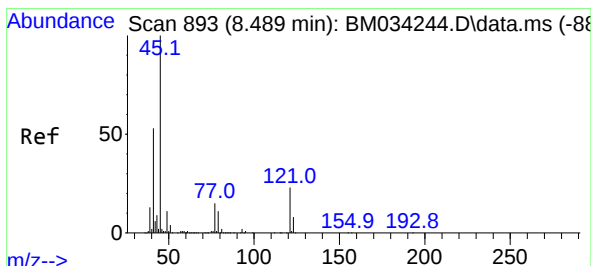
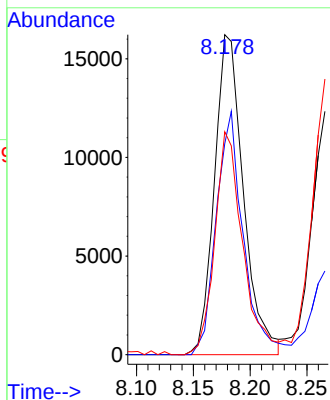
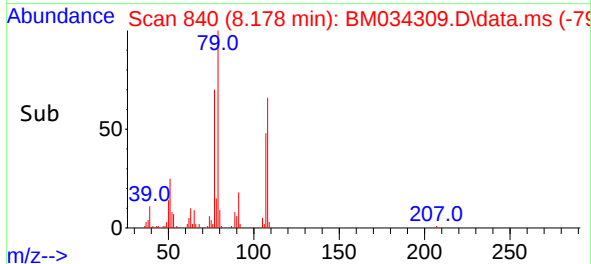
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 79 Resp: 2879
Ion Ratio Lower Upper
79 100
108 65.9 58.1 87.1
77 69.7 51.8 77.6

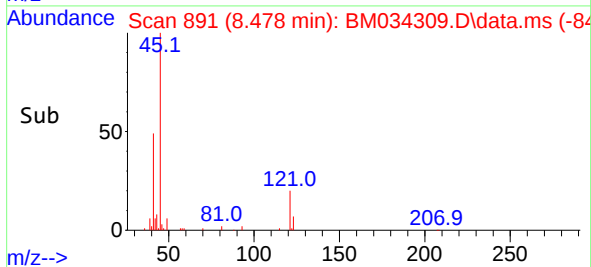
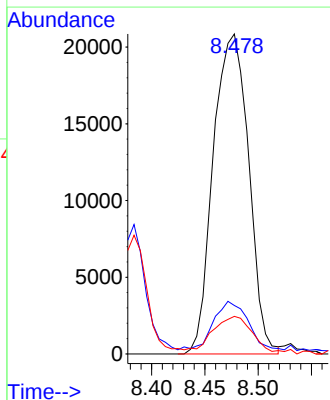
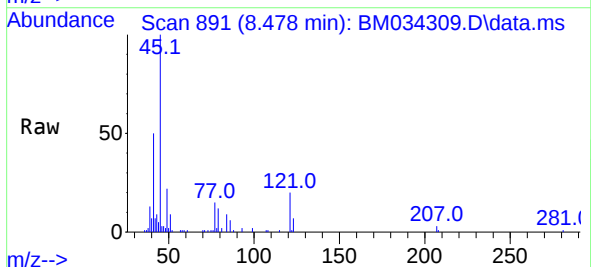
Manual Integrations
APPROVED

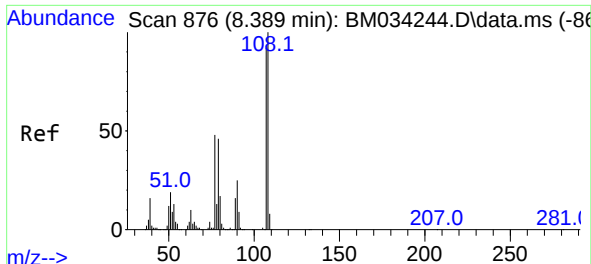
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.811 ng
RT: 8.478 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

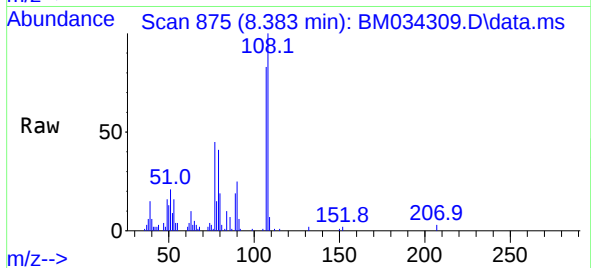
Tgt Ion: 45 Resp: 48263
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.7
79 11.8 0.0 31.7





#17
2-Methylphenol
Concen: 3.232 ng
RT: 8.383 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

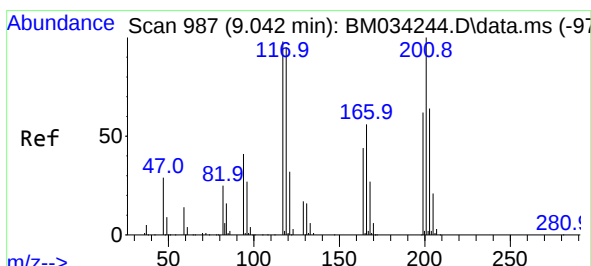
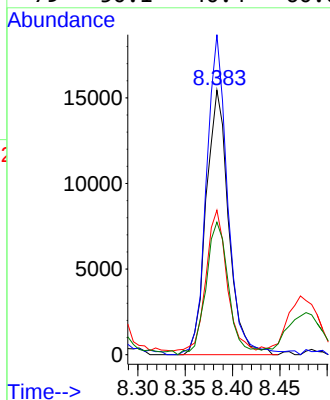
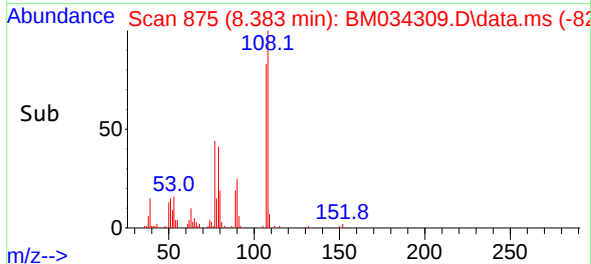


Tgt Ion:107 Resp: 2545

Ion	Ratio	Lower	Upper
107	100		
108	121.0	87.3	130.9
77	54.6	41.6	62.4
79	50.1	40.4	60.6

Manual Integrations
APPROVED

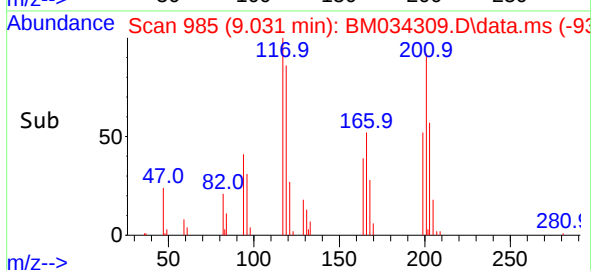
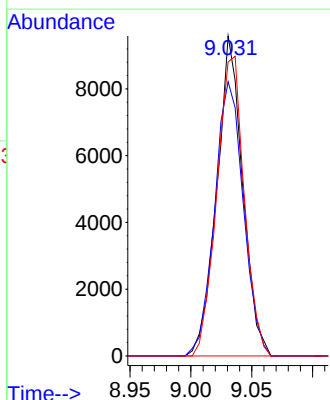
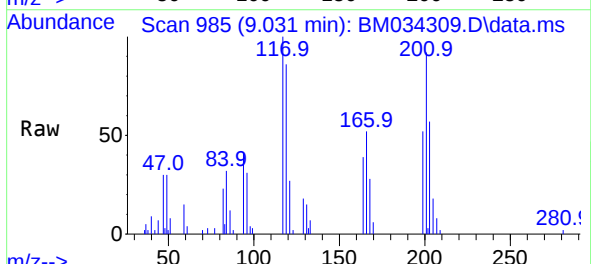
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

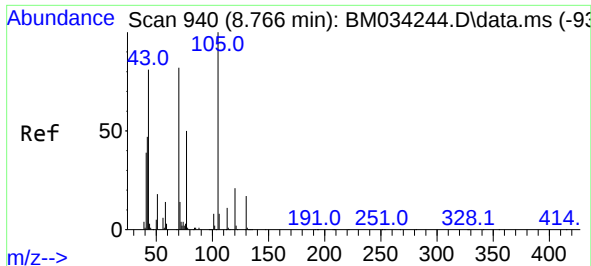


#18
Hexachloroethane
Concen: 3.579 ng
RT: 9.031 min Scan# 985
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Tgt Ion:117 Resp: 14156

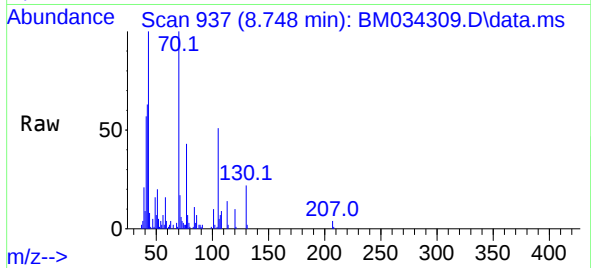
Ion	Ratio	Lower	Upper
117	100		
119	85.7	77.4	116.0
201	91.9	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 3.529 ng
RT: 8.748 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

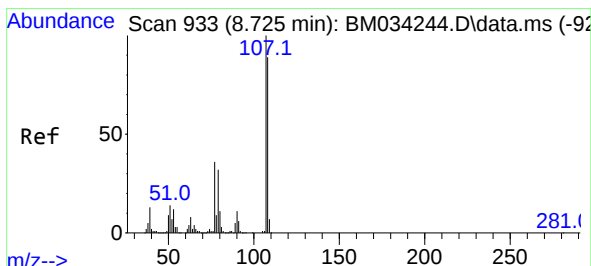
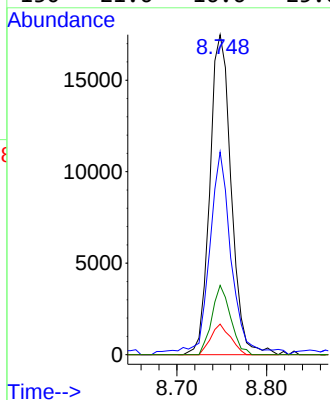
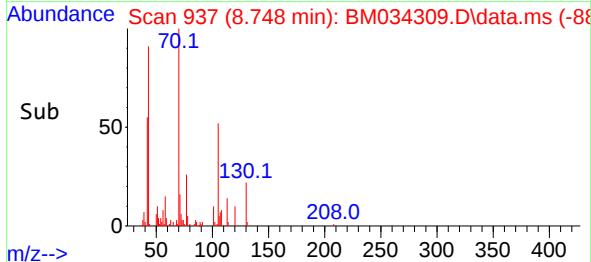
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



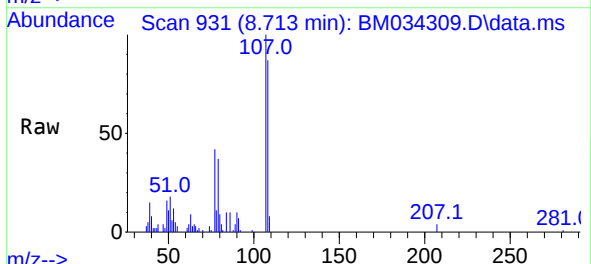
Tgt Ion: 70 Resp: 2885
Ion Ratio Lower Upper
70 100
42 63.3 46.7 70.1
101 9.5 7.8 11.6
130 21.6 16.6 25.0

Manual Integrations
APPROVED

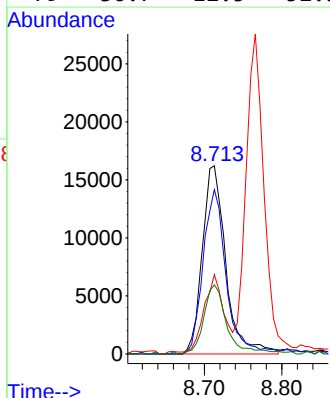
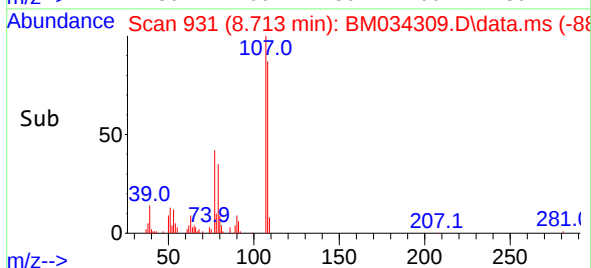
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

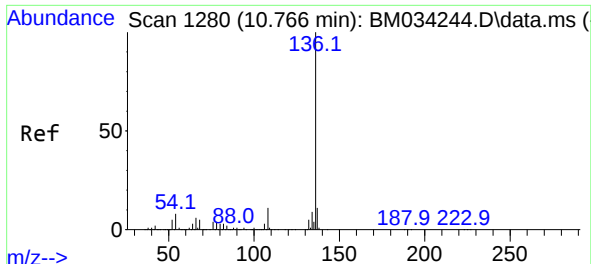


#20
3+4-Methylphenols
Concen: 3.135 ng
RT: 8.713 min Scan# 931
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



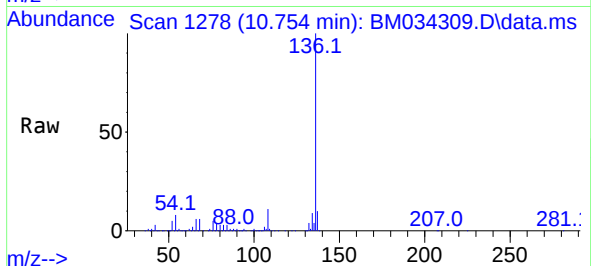
Tgt Ion: 107 Resp: 34142
Ion Ratio Lower Upper
107 100
108 87.3 69.2 109.2
77 42.2 16.5 56.5
79 36.7 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

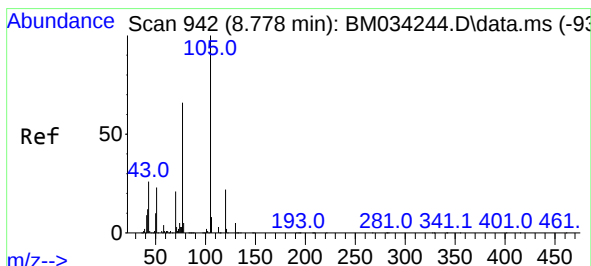
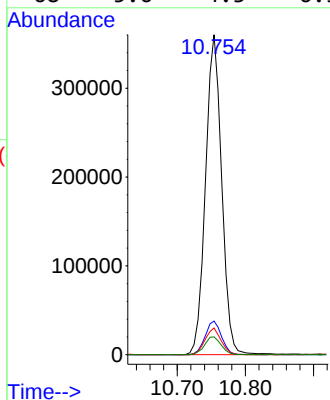
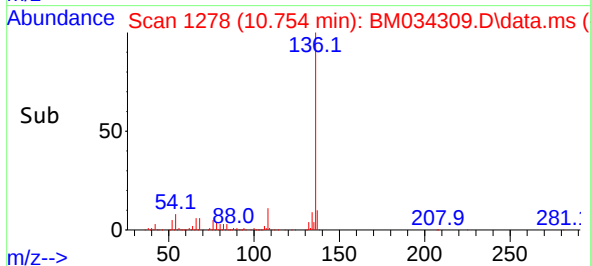
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:136 Resp: 59464
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 6.2 9.4
68 5.6 4.3 6.5

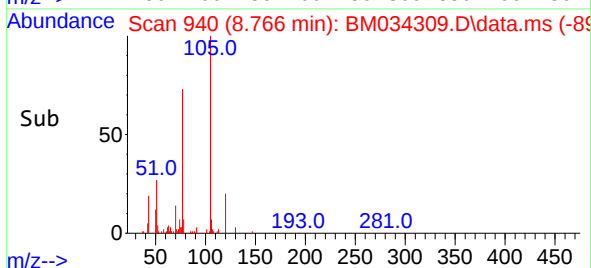
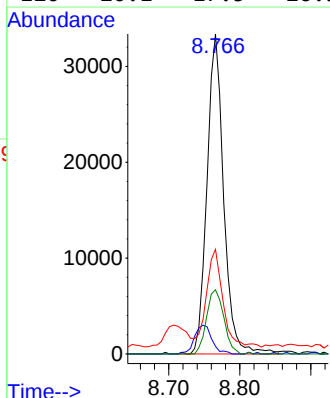
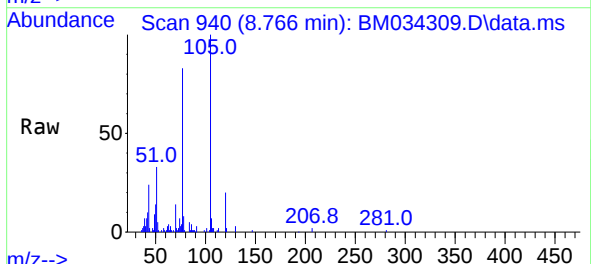
Manual Integrations
APPROVED

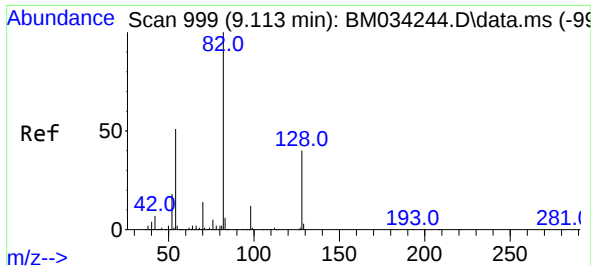
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#22
Acetophenone
Concen: 3.571 ng
RT: 8.766 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

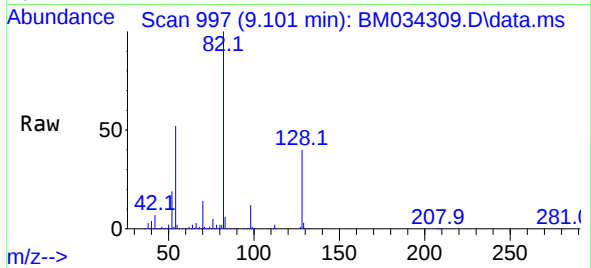
Tgt Ion:105 Resp: 54496
Ion Ratio Lower Upper
105 100
71 2.4 3.0 4.4#
51 32.7 22.6 33.8
120 20.1 17.5 26.3





#23
Nitrobenzene-d5
Concen: 84.799 ng
RT: 9.101 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

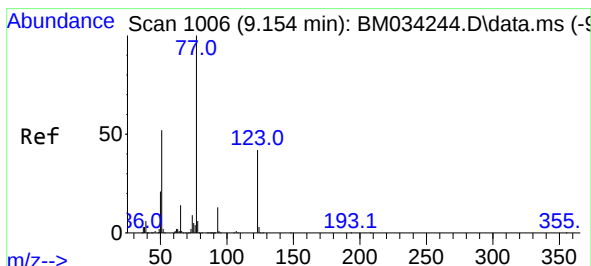
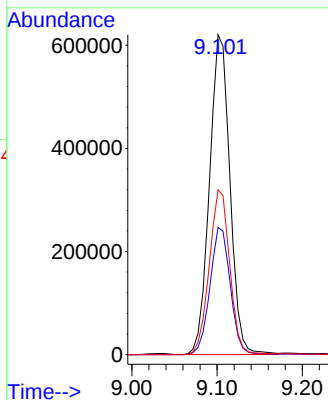
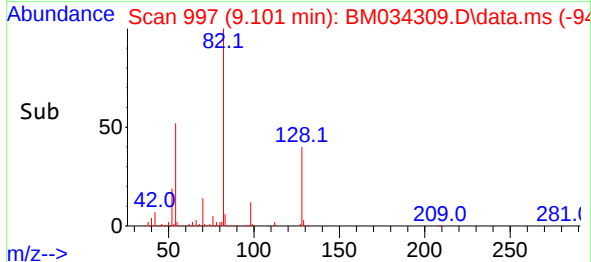
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



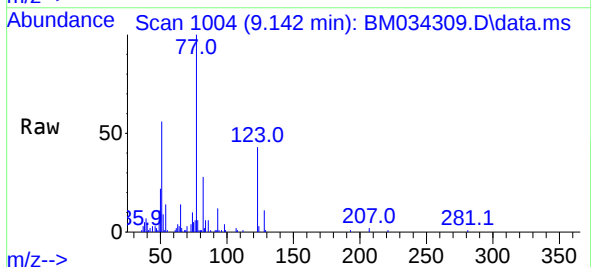
Tgt Ion: 82 Resp: 103570
Ion Ratio Lower Upper
82 100
128 39.8 31.9 47.9
54 51.5 40.6 61.0

Manual Integrations
APPROVED

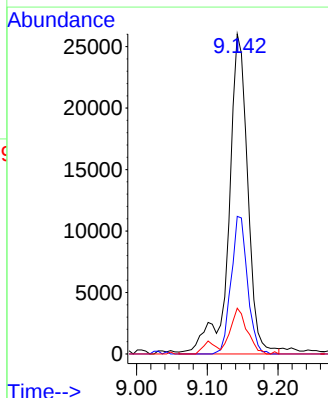
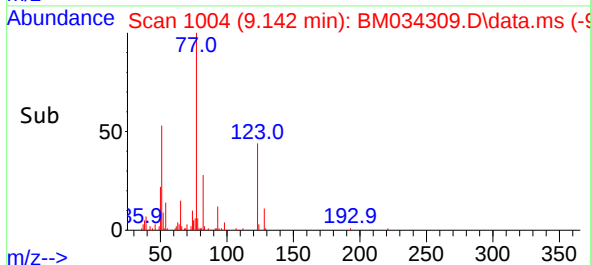
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

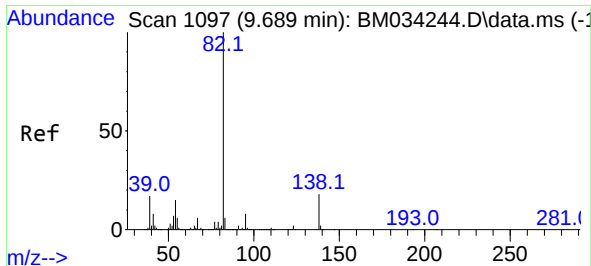


#24
Nitrobenzene
Concen: 4.251 ng m
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



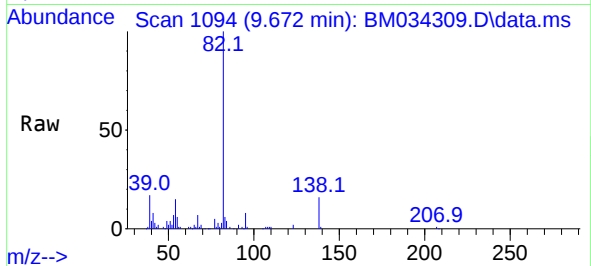
Tgt Ion: 77 Resp: 48472
Ion Ratio Lower Upper
77 100
123 43.0 33.3 49.9
65 14.3 11.0 16.4





#25
Isophorone
Concen: 3.730 ng
RT: 9.672 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

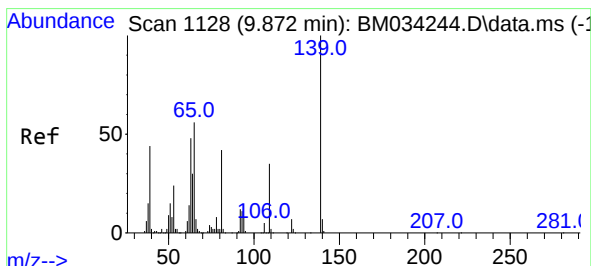
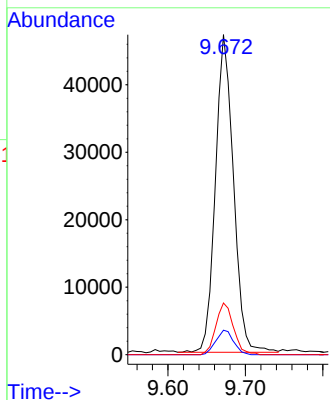
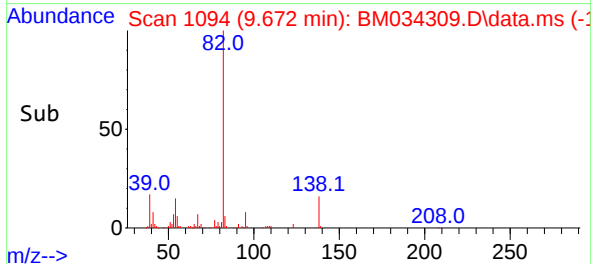
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



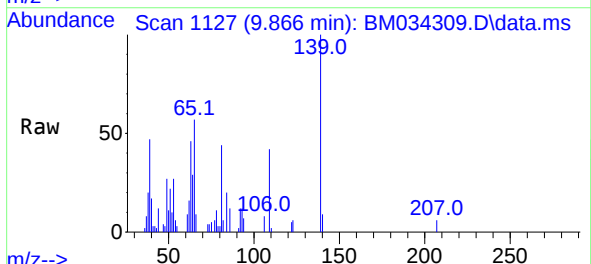
Tgt Ion: 82 Resp: 7624
Ion Ratio Lower Upper
82 100
95 7.7 6.6 9.8
138 16.1 14.4 21.6

Manual Integrations
APPROVED

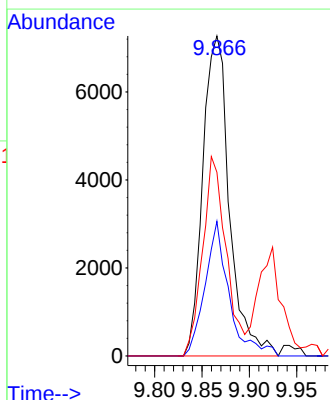
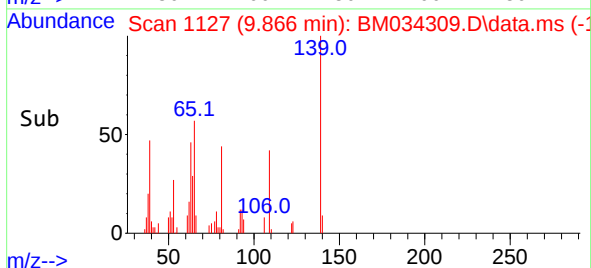
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

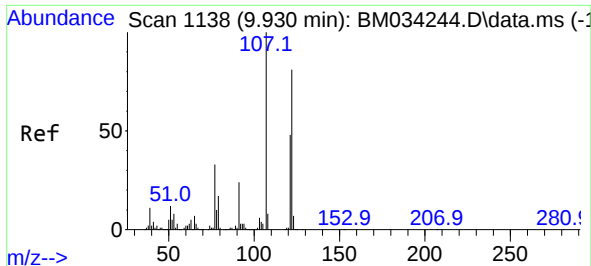


#26
2-Nitrophenol
Concen: 2.807 ng
RT: 9.866 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:139 Resp: 14193
Ion Ratio Lower Upper
139 100
109 42.0 28.1 42.1
65 57.4 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 3.674 ng

RT: 9.919 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BM034309.D

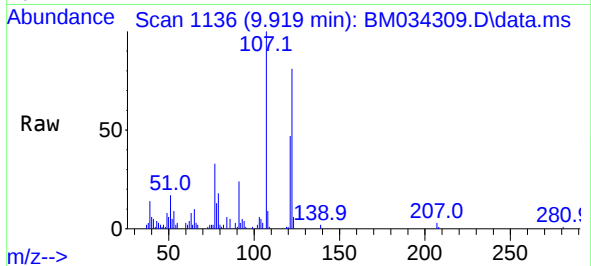
Acq: 22 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:122 Resp: 29089

Ion Ratio Lower Upper

122 100

107 124.1 99.0 148.6

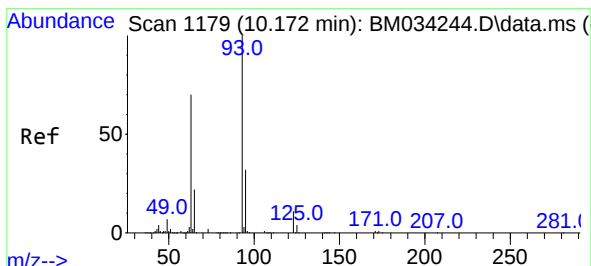
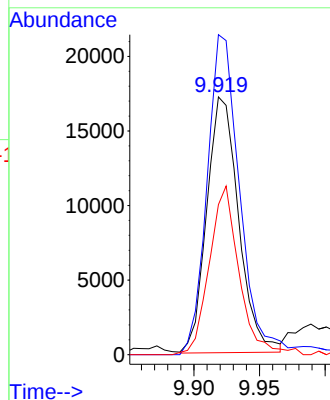
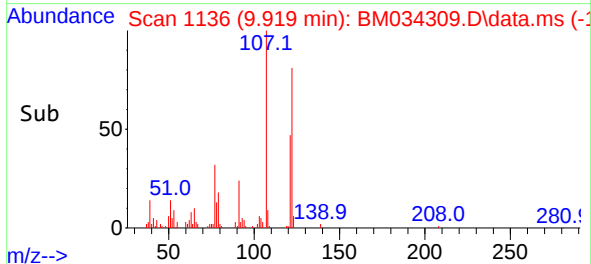
121 58.2 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 3.443 ng

RT: 10.160 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

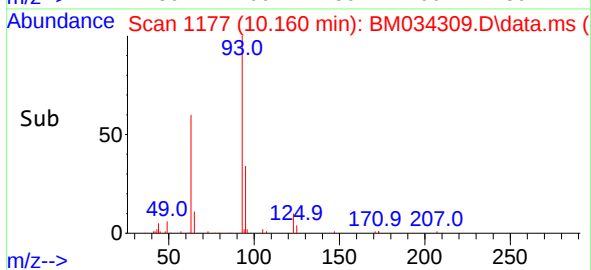
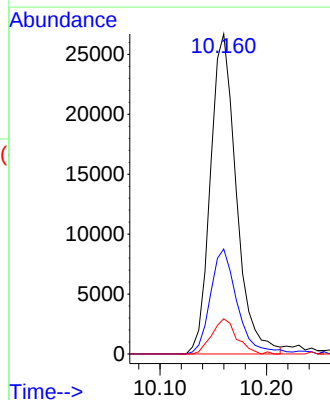
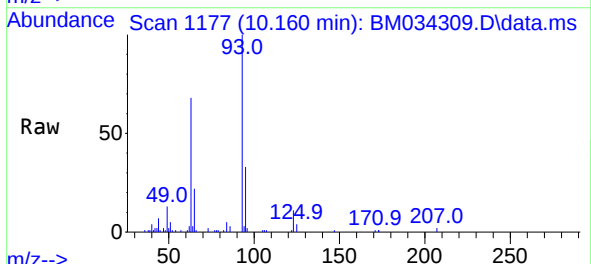
Tgt Ion: 93 Resp: 45046

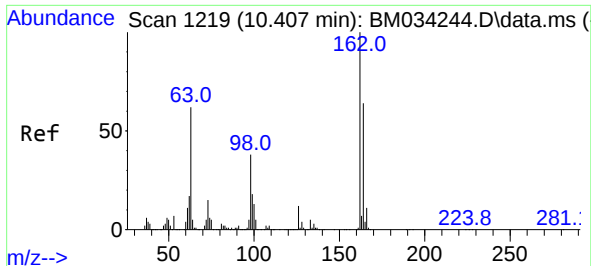
Ion Ratio Lower Upper

93 100

95 32.8 26.0 39.0

123 11.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 2.983 ng

RT: 10.401 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

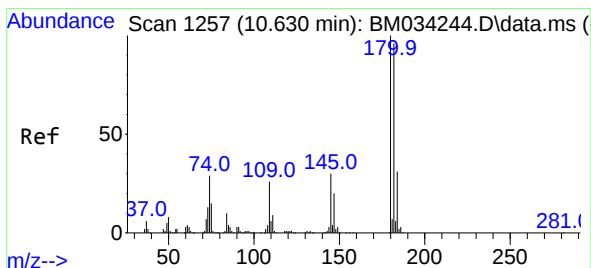
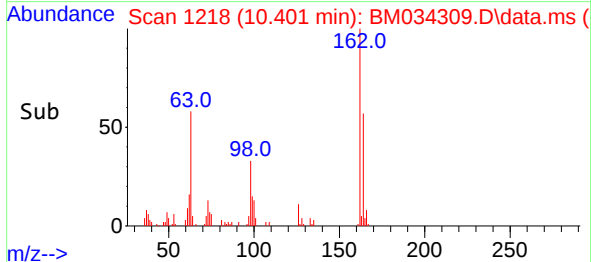
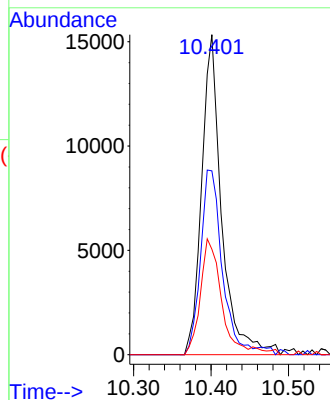
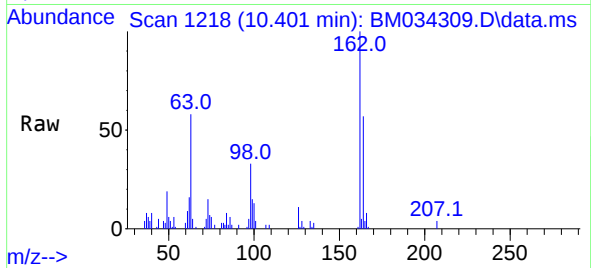
MDL-WATER-03-QT4-2021

Tgt Ion:162	Resp:	2744
Ion Ratio	Lower	Upper
162	100	
164	57.4	43.9 83.9
98	32.9	17.6 57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.531 ng

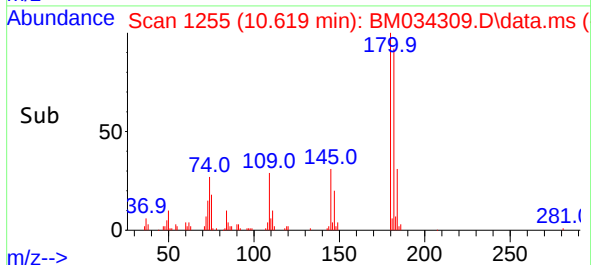
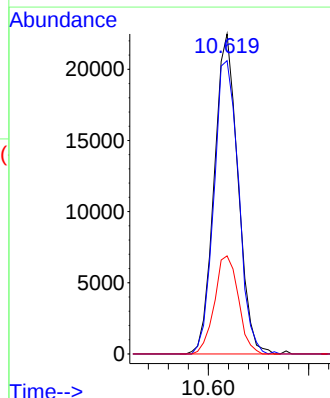
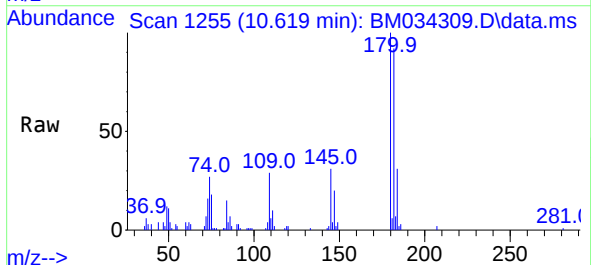
RT: 10.619 min Scan# 1255

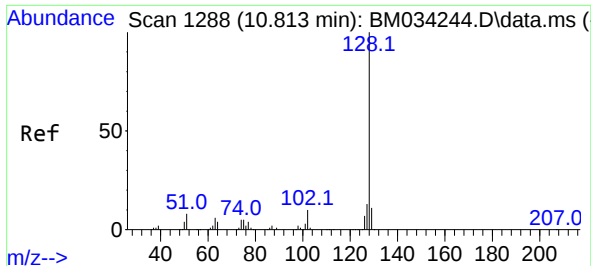
Delta R.T. -0.012 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

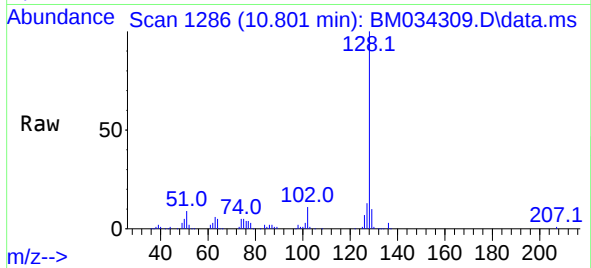
Tgt Ion:180	Resp:	36928
Ion Ratio	Lower	Upper
180	100	
182	91.6	77.0 115.4
145	30.7	23.7 35.5





#31
Naphthalene
Concen: 3.750 ng
RT: 10.801 min Scan# 11615
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

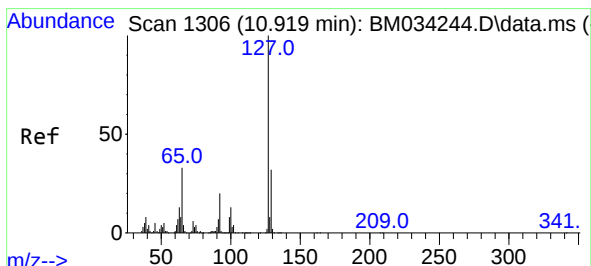
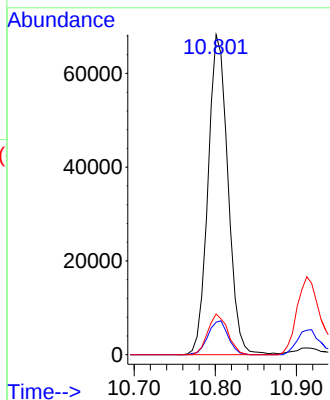
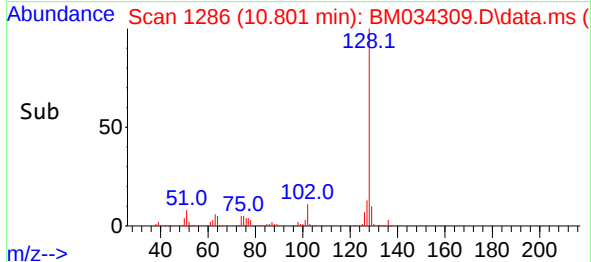
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



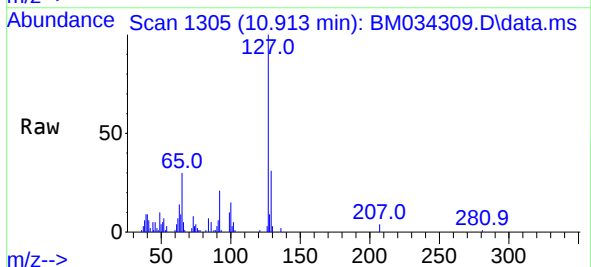
Tgt Ion:128 Resp: 11615
Ion Ratio Lower Upper
128 100
129 10.1 8.8 13.2
127 12.7 10.2 15.4

Manual Integrations
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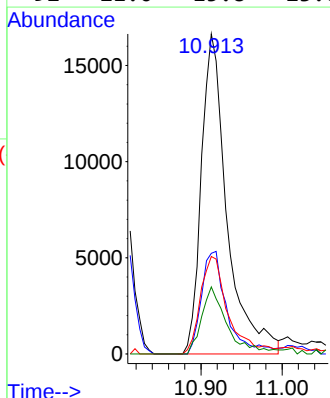
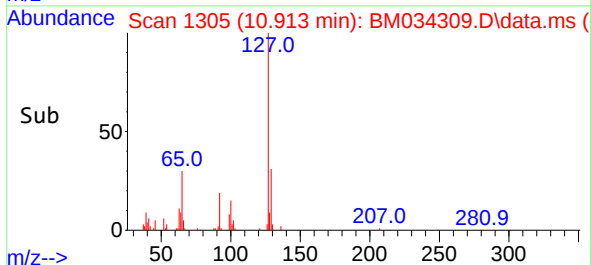
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

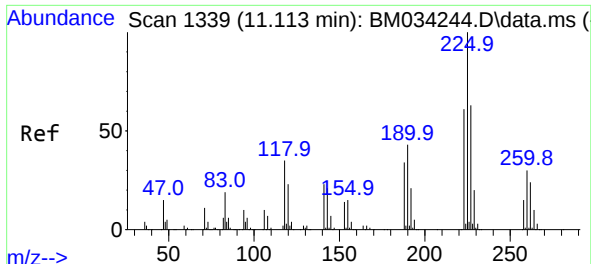


#33
4-Chloroaniline
Concen: 2.994 ng
RT: 10.913 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



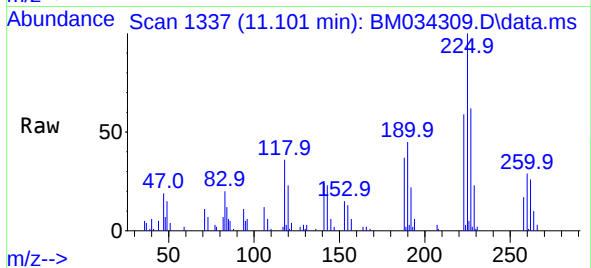
Tgt Ion:127 Resp: 36586
Ion Ratio Lower Upper
127 100
129 31.5 25.4 38.2
65 30.5 26.2 39.2
92 21.0 15.8 23.6





#34
Hexachlorobutadiene
Concen: 3.419 ng
RT: 11.101 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

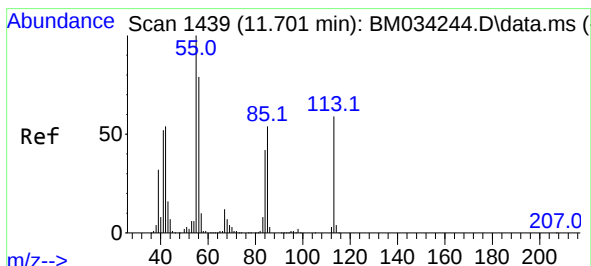
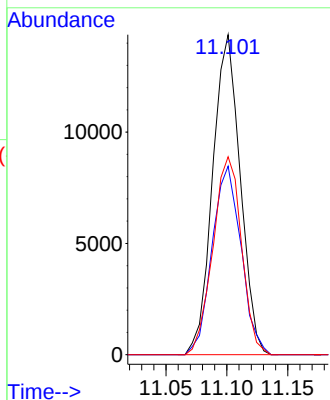
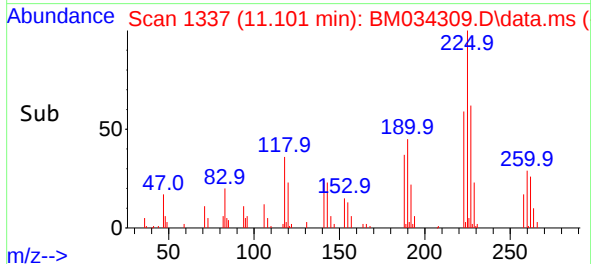
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



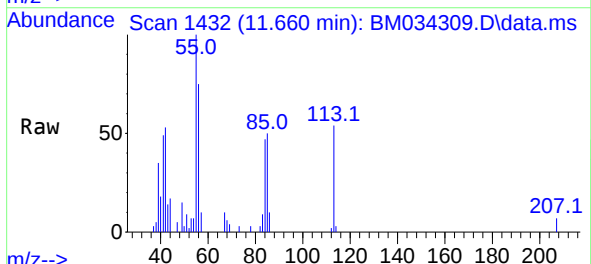
Tgt Ion:225 Resp: 2264
Ion Ratio Lower Upper
225 100
223 58.9 49.0 73.4
227 61.8 50.2 75.2

Manual Integrations
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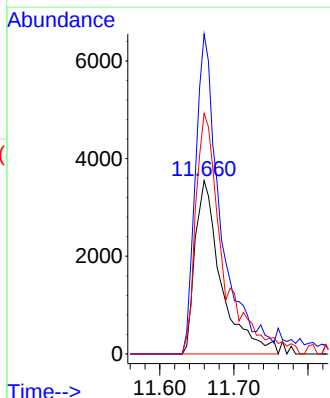
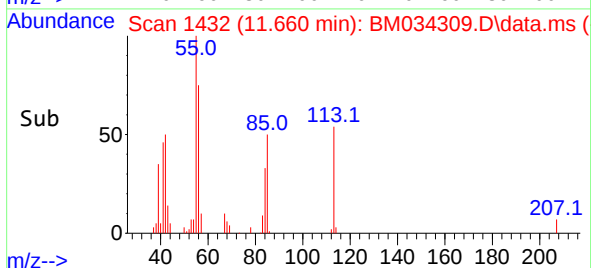
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

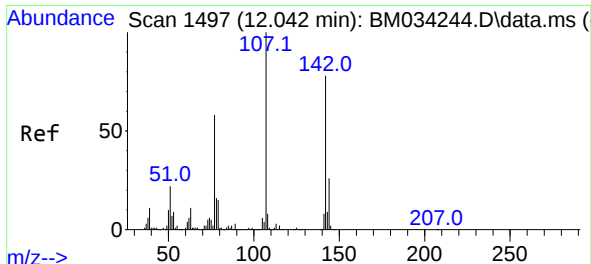


#35
Caprolactam
Concen: 2.717 ng
RT: 11.660 min Scan# 1432
Delta R.T. -0.041 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



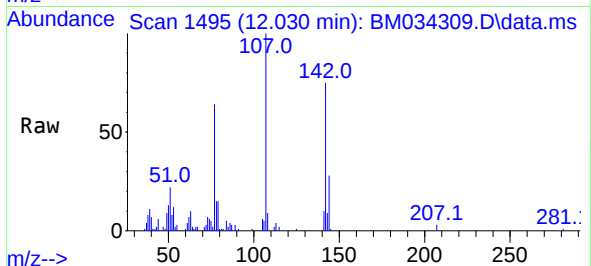
Tgt Ion:113 Resp: 8690
Ion Ratio Lower Upper
113 100
55 184.7 148.9 188.9
56 138.9 113.3 153.3





#36
4-Chloro-3-methylphenol
Concen: 2.924 ng
RT: 12.030 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

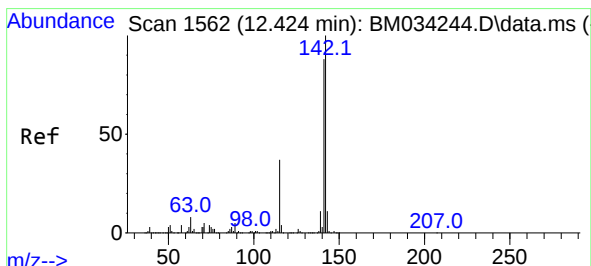
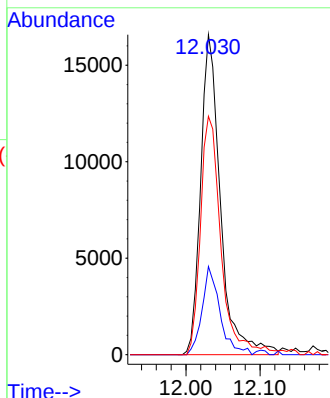
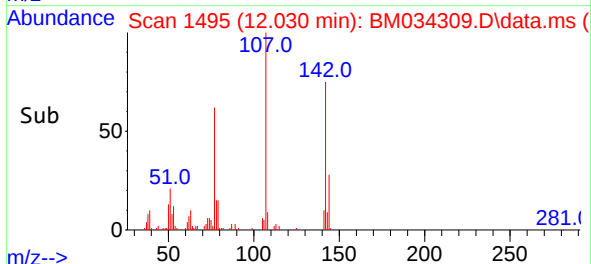
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



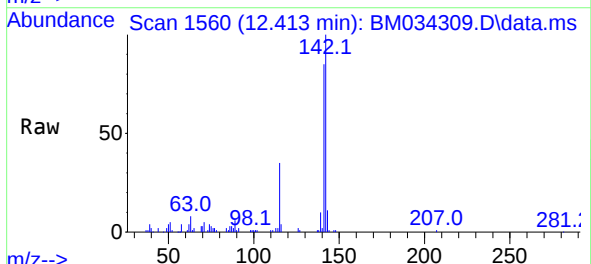
Tgt Ion:107 Resp: 30828
Ion Ratio Lower Upper
107 100
144 27.6 20.8 31.2
142 74.5 62.7 94.1

Manual Integrations
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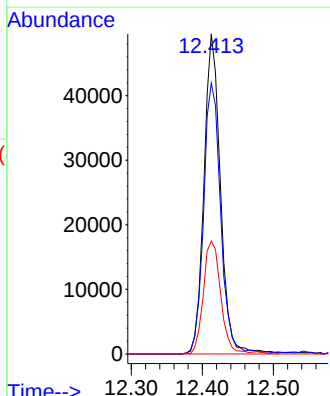
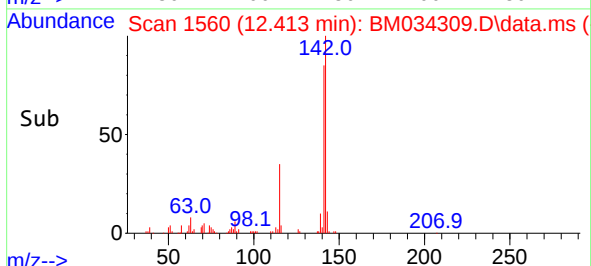
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

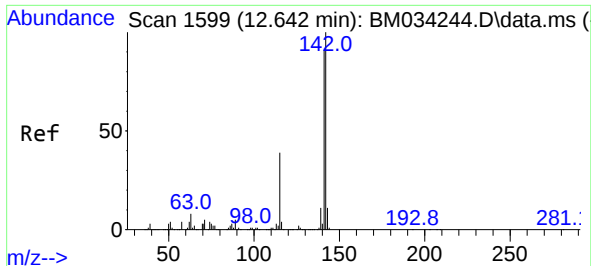


#37
2-Methylnaphthalene
Concen: 3.617 ng
RT: 12.413 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:142 Resp: 79957
Ion Ratio Lower Upper
142 100
141 84.7 70.1 105.1
115 35.3 29.9 44.9





#38

1-Methylnaphthalene

Concen: 3.646 ng

RT: 12.630 min Scan# 11

Delta R.T. -0.012 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:142 Resp: 78850

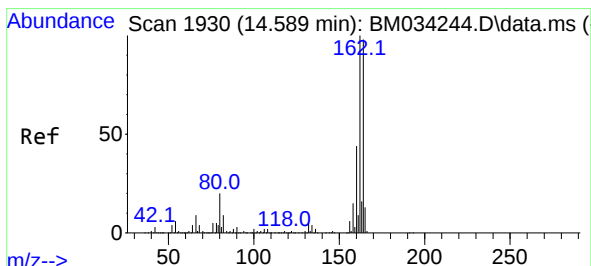
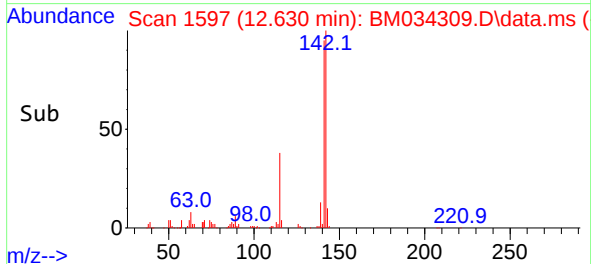
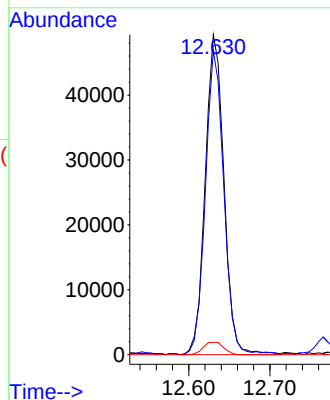
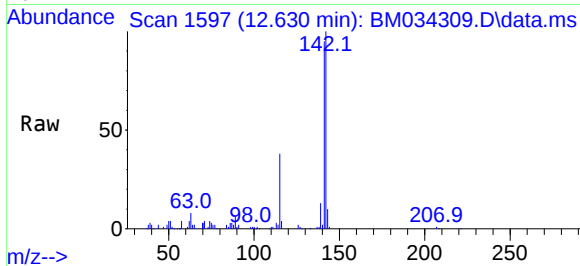
Ion	Ratio	Lower	Upper
142	100		
141	95.0	73.0	109.6
116	3.9	3.2	4.8

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.583 min Scan# 1929

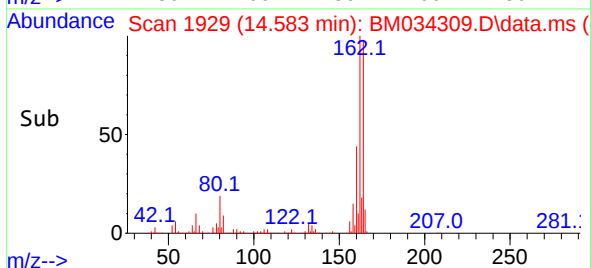
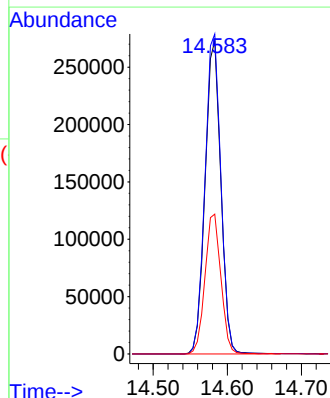
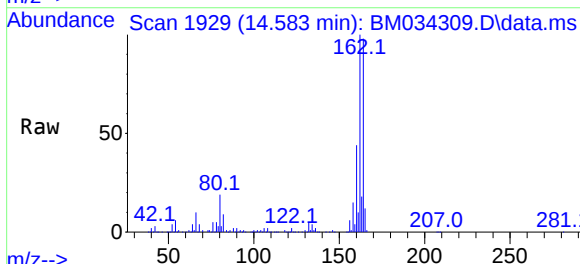
Delta R.T. -0.006 min

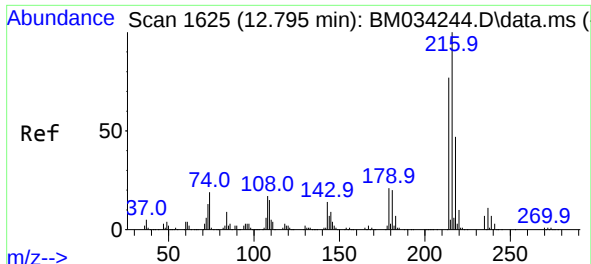
Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

Tgt Ion:164 Resp: 402472

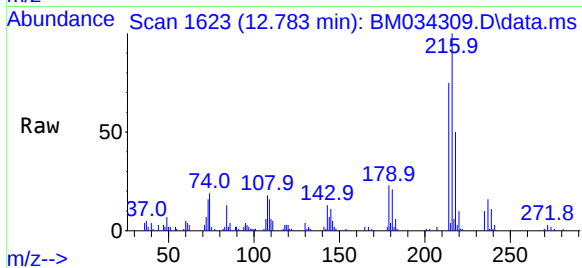
Ion	Ratio	Lower	Upper
164	100		
162	102.2	81.6	122.4
160	44.7	35.6	53.4





#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.534 ng
RT: 12.783 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

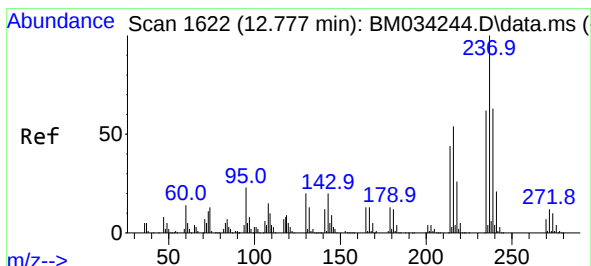
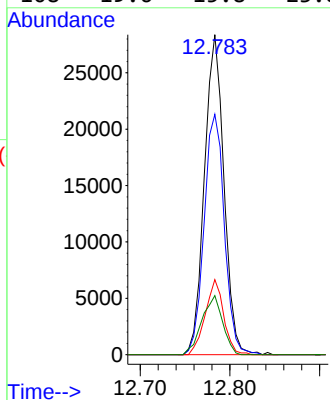
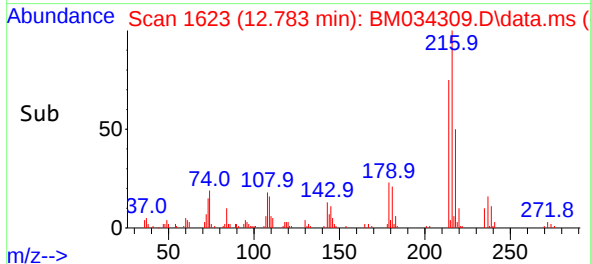
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



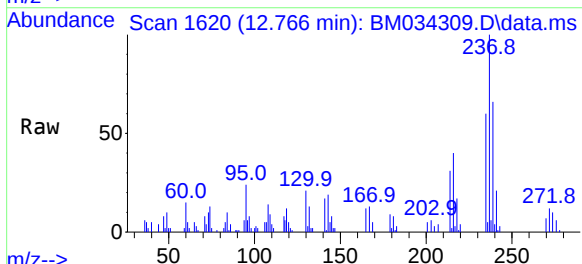
Tgt Ion:216 Resp: 4292
Ion Ratio Lower Upper
216 100
214 77.8 62.7 94.1
179 22.1 17.2 25.8
108 19.6 15.8 23.8

Manual Integrations
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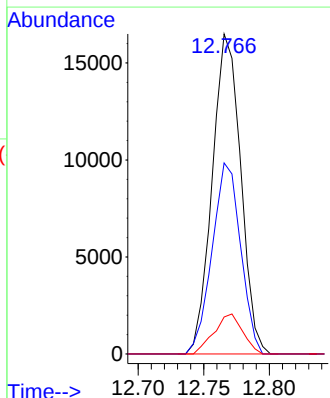
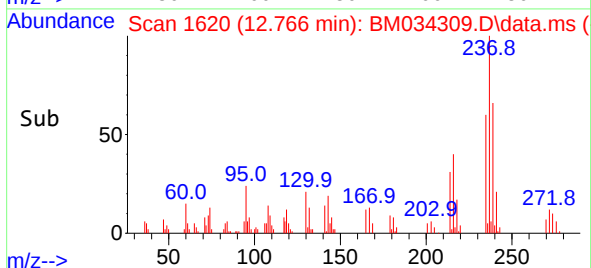
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

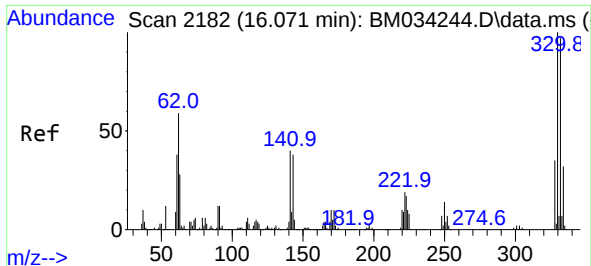


#41
Hexachlorocyclopentadiene
Concen: 3.539 ng
RT: 12.766 min Scan# 1620
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:237 Resp: 24888
Ion Ratio Lower Upper
237 100
235 59.7 42.1 82.1
272 11.5 0.0 32.3





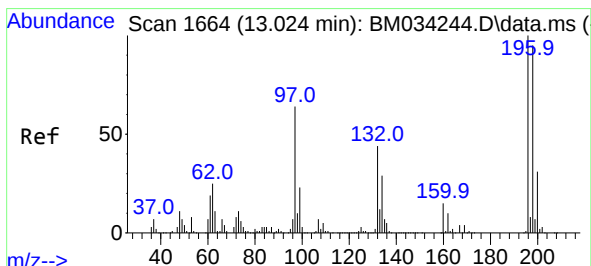
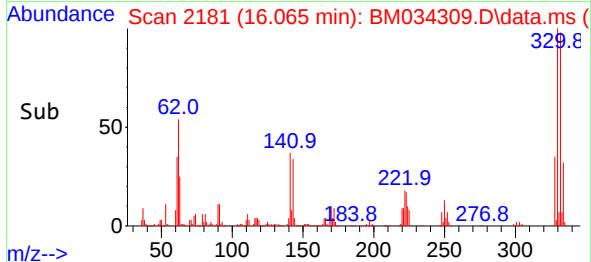
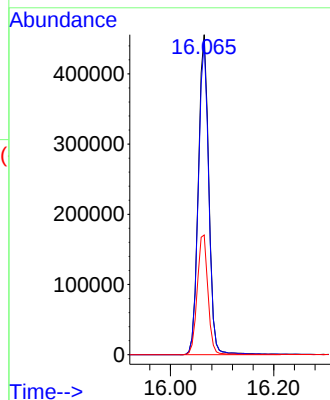
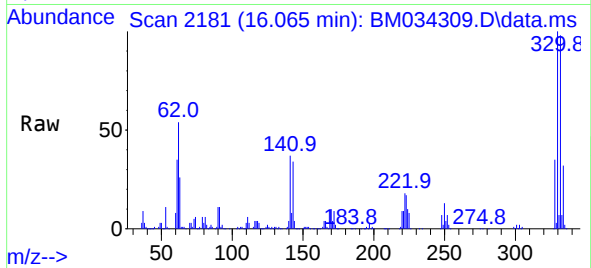
#42
2,4,6-Tribromophenol
Concen: 118.326 ng
RT: 16.065 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:330 Resp: 641898
Ion Ratio Lower Upper
330 100
332 96.6 78.2 117.4
141 38.3 30.6 45.8

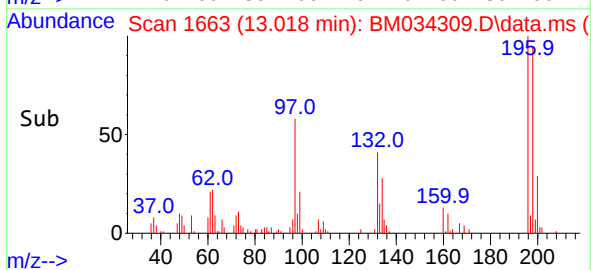
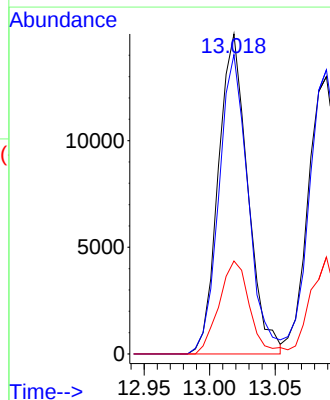
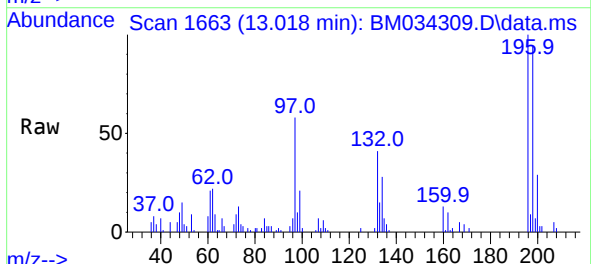
Manual Integrations
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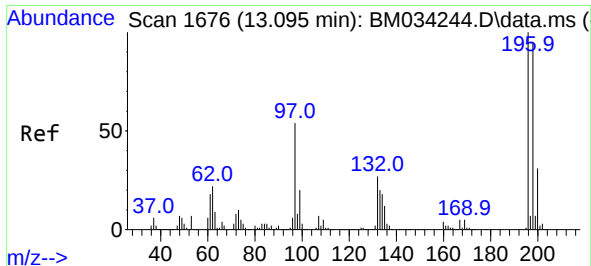
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#43
2,4,6-Trichlorophenol
Concen: 2.785 ng
RT: 13.018 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

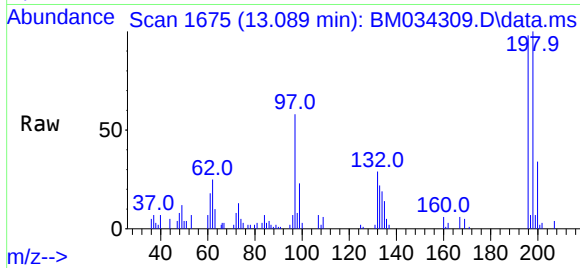
Tgt Ion:196 Resp: 23350
Ion Ratio Lower Upper
196 100
198 93.6 76.1 114.1
200 29.0 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 2.870 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

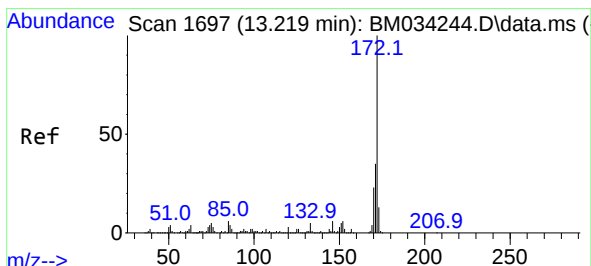
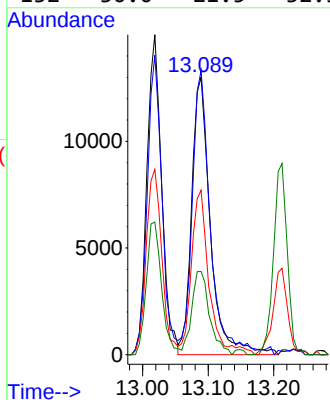
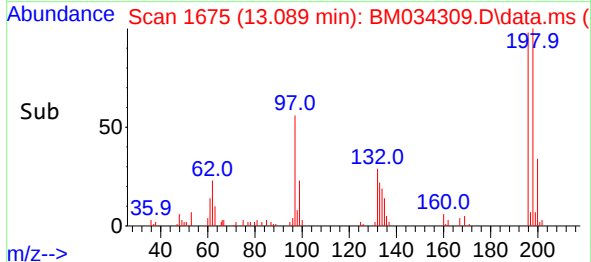
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



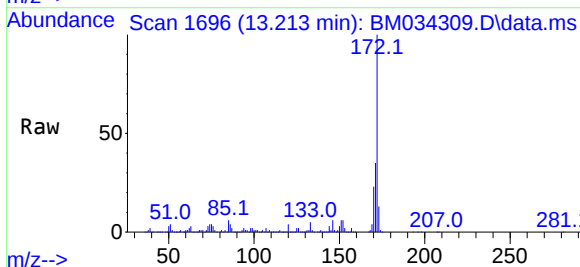
Tgt Ion:196 Resp: 2583
Ion Ratio Lower Upper
196 100
198 102.5 75.9 113.9
97 59.3 43.2 64.8
132 30.0 21.5 32.3

Manual Integrations
APPROVED

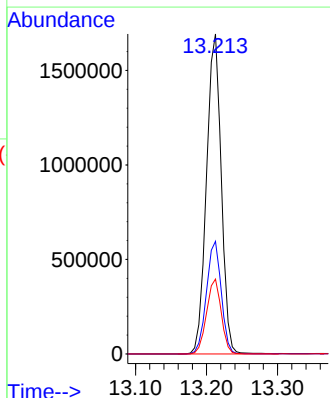
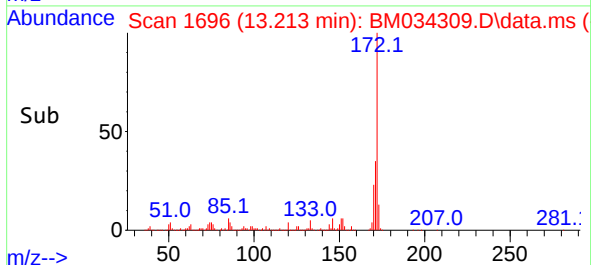
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

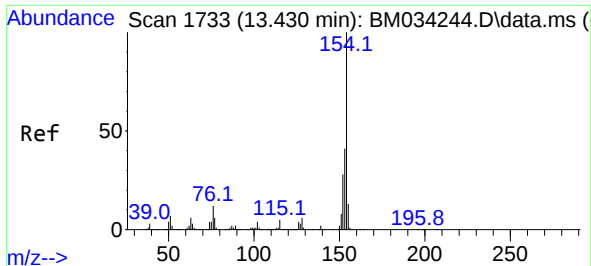


#45
2-Fluorobiphenyl
Concen: 83.220 ng
RT: 13.213 min Scan# 1696
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:172 Resp: 2451092
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.4 18.6 28.0





#46

1,1'-Biphenyl

Concen: 3.694 ng

RT: 13.418 min Scan# 1

Delta R.T. -0.012 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021

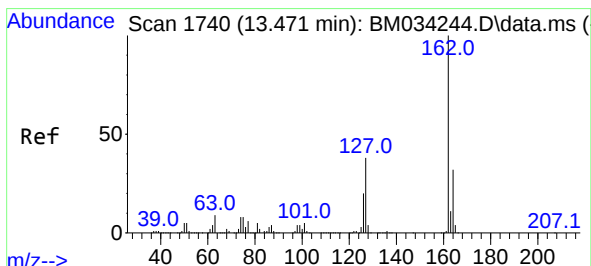
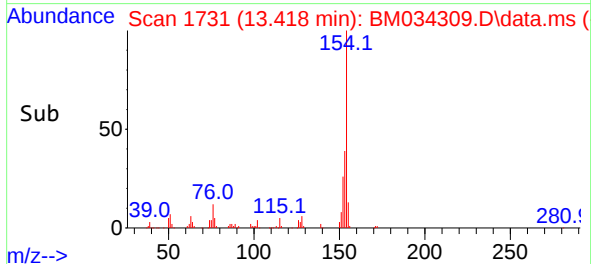
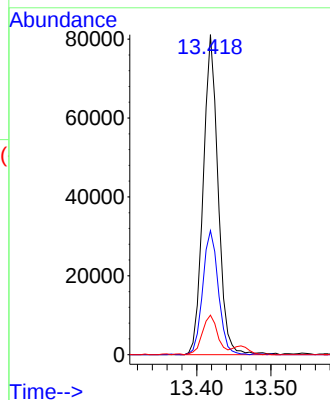
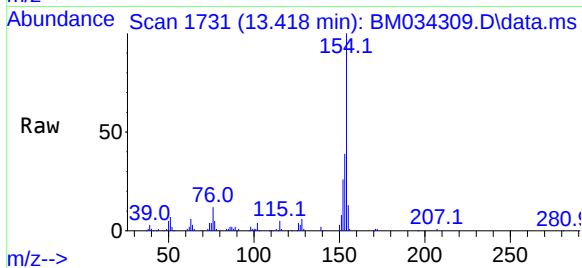
Tgt Ion:154 Resp: 11335
 Ion Ratio Lower Upper
 154 100
 153 38.7 21.0 61.0
 76 12.3 0.0 32.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#47

2-Chloronaphthalene

Concen: 3.556 ng

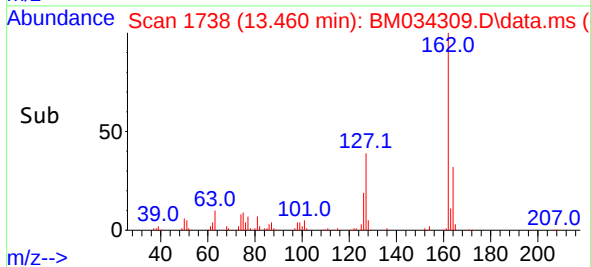
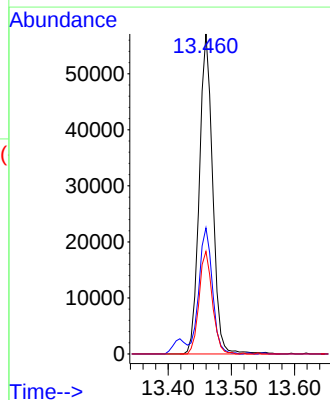
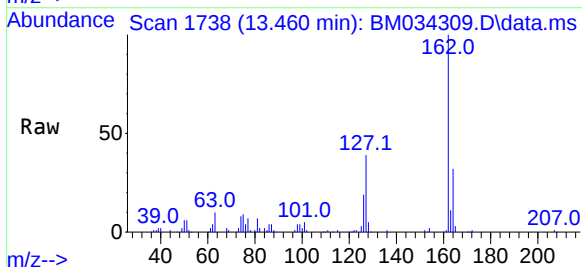
RT: 13.460 min Scan# 1738

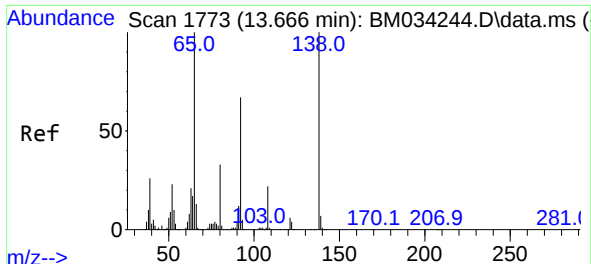
Delta R.T. -0.012 min

Lab File: BM034309.D

Acq: 22 Mar 2022 13:59

Tgt Ion:162 Resp: 83754
 Ion Ratio Lower Upper
 162 100
 127 39.4 30.4 45.6
 164 32.1 25.8 38.8





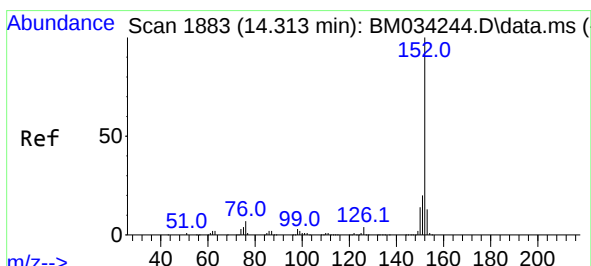
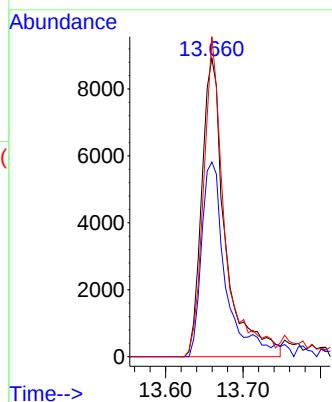
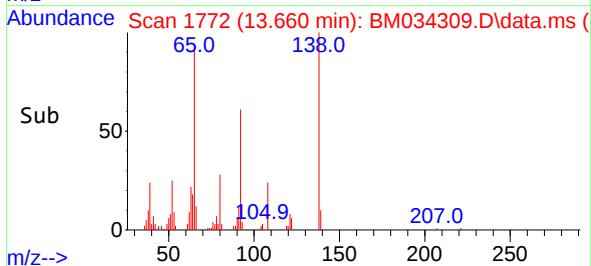
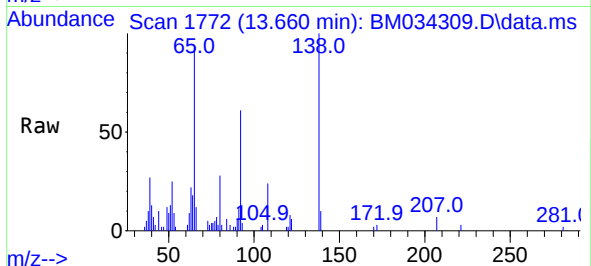
#48
2-Nitroaniline
Concen: 2.599 ng
RT: 13.660 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion: 65 Resp: 18718
Ion Ratio Lower Upper
65 100
92 65.2 53.8 80.8
138 107.2 79.9 119.9

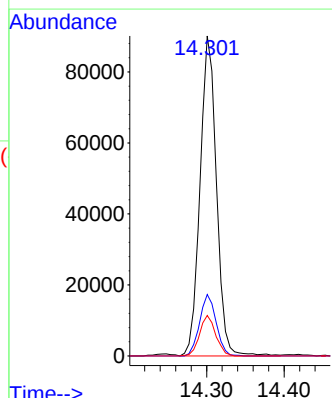
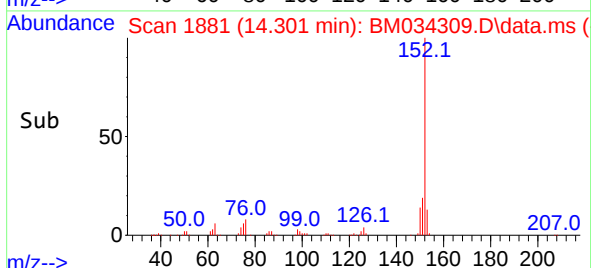
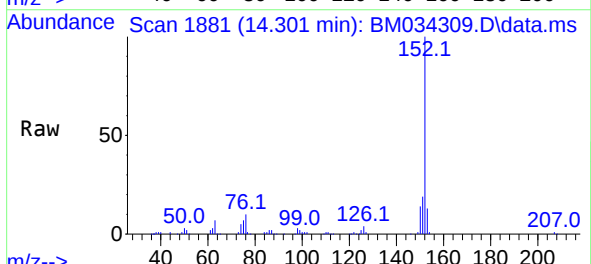
Manual Integrations
APPROVED

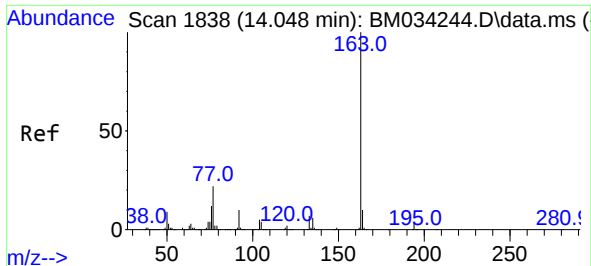
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#49
Acenaphthylene
Concen: 3.616 ng
RT: 14.301 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

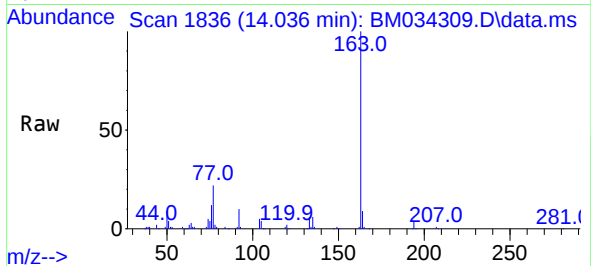
Tgt Ion:152 Resp: 132763
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 12.6 10.6 16.0





#50
Dimethylphthalate
Concen: 3.595 ng
RT: 14.036 min Scan# 1836
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

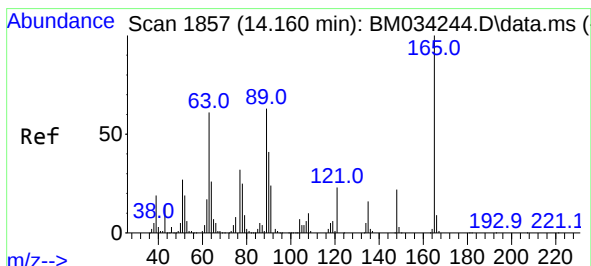
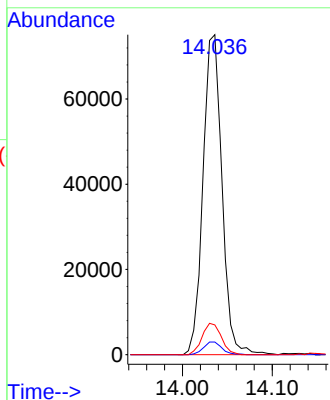
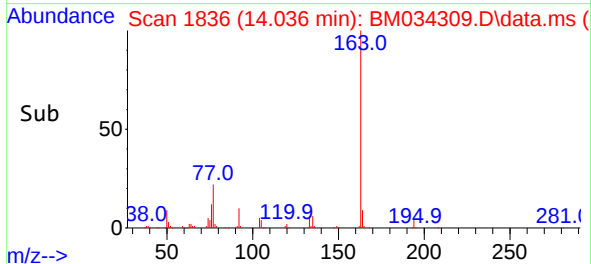
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



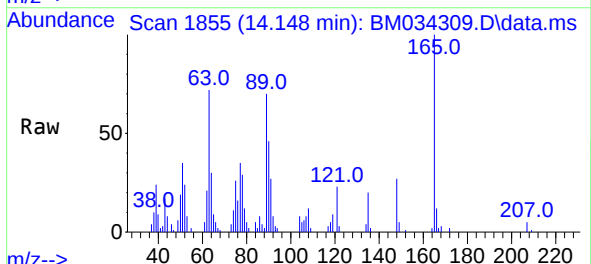
Tgt Ion:163 Resp: 110109
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.3 8.1 12.1

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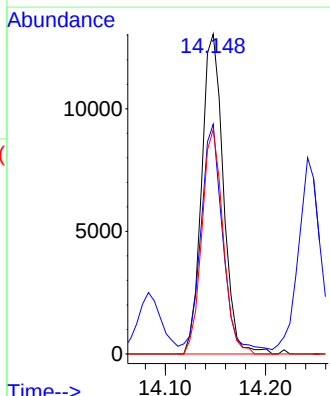
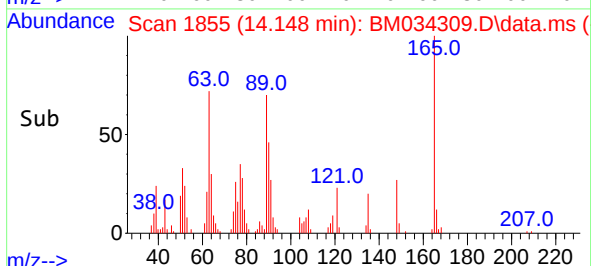
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

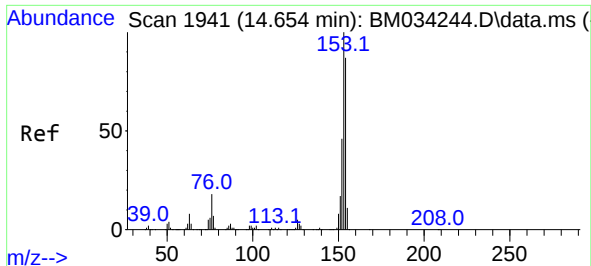


#51
2,6-Dinitrotoluene
Concen: 3.120 ng
RT: 14.148 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



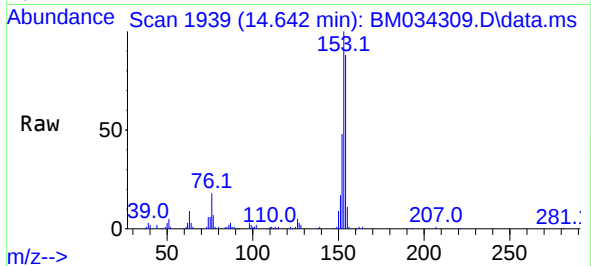
Tgt Ion:165 Resp: 19602
Ion Ratio Lower Upper
165 100
63 71.8 51.9 77.9
89 70.1 50.6 76.0





#52
Acenaphthene
Concen: 3.409 ng m
RT: 14.642 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

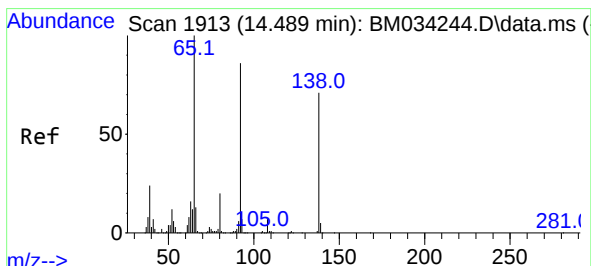
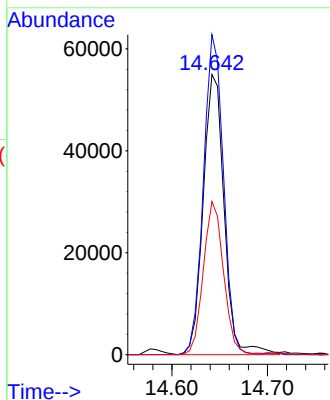
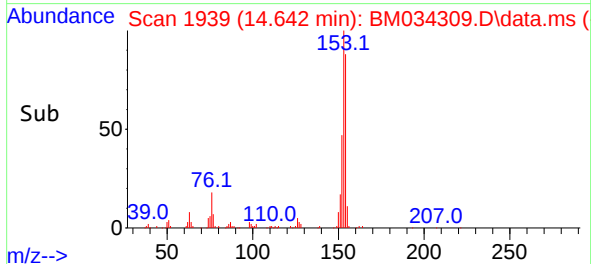
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



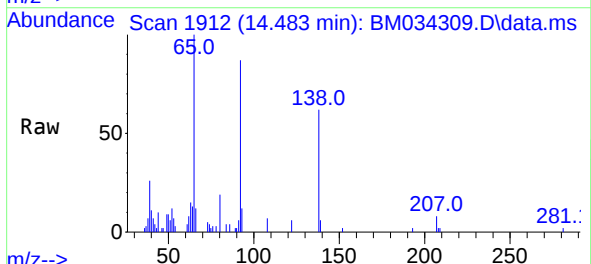
Tgt Ion:154 Resp: 84312
Ion Ratio Lower Upper
154 100
153 114.2 91.8 137.8
152 54.6 42.6 64.0

Manual Integrations
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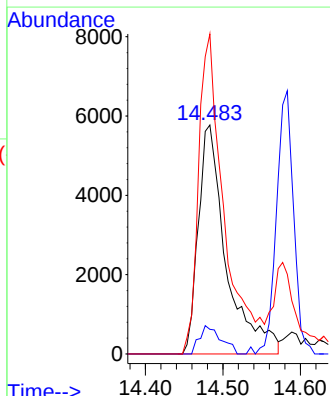
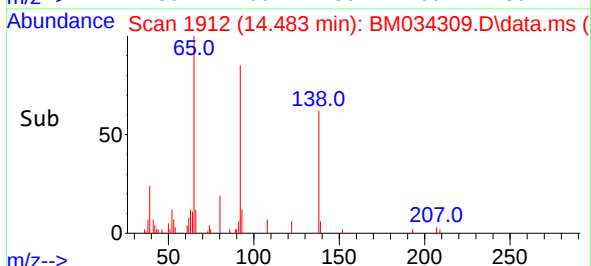
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

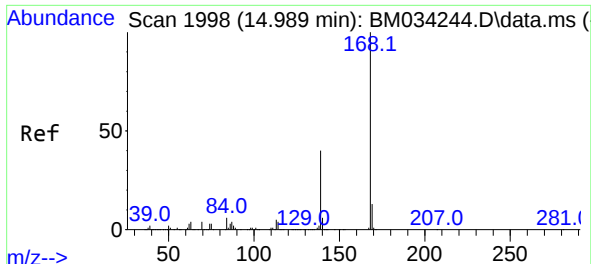


#53
3-Nitroaniline
Concen: 2.294 ng
RT: 14.483 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



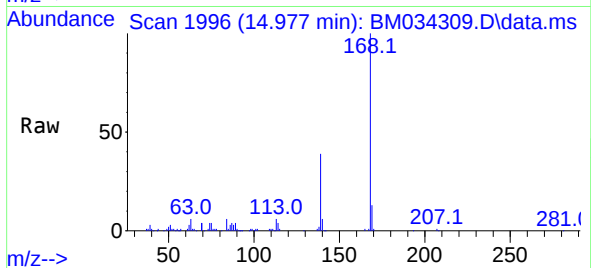
Tgt Ion:138 Resp: 14462
Ion Ratio Lower Upper
138 100
108 10.8 8.3 12.5
92 139.8 97.6 146.4





#55
Dibenzenofuran
Concen: 3.543 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

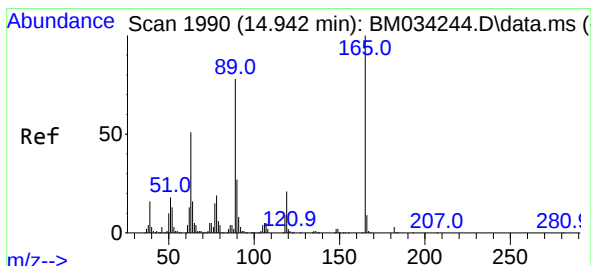
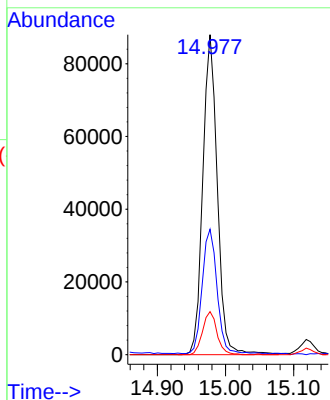
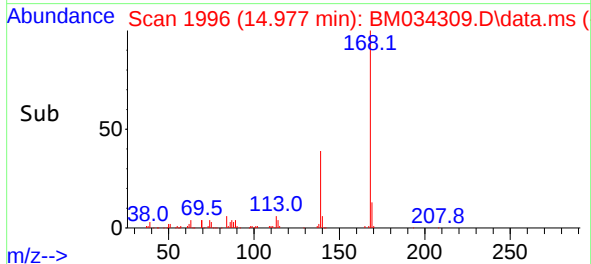
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



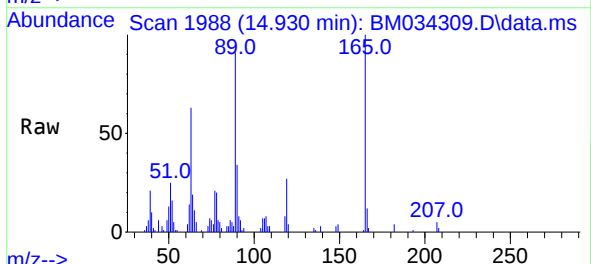
Tgt Ion:168 Resp: 13055
Ion Ratio Lower Upper
168 100
139 39.2 32.4 48.6
169 13.5 10.8 16.2

Manual Integrations
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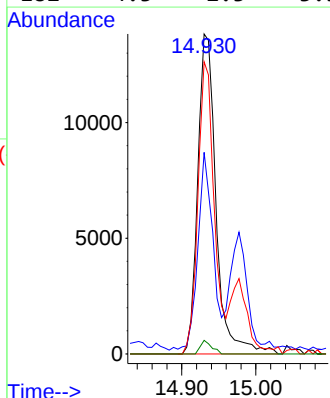
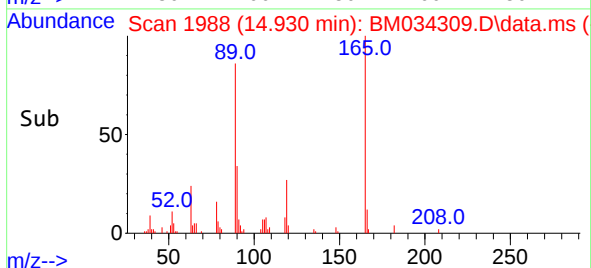
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

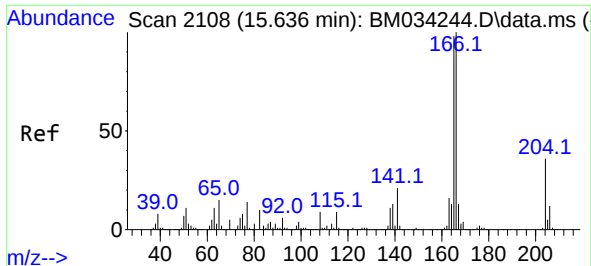


#57
2,4-Dinitrotoluene
Concen: 2.793 ng
RT: 14.930 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



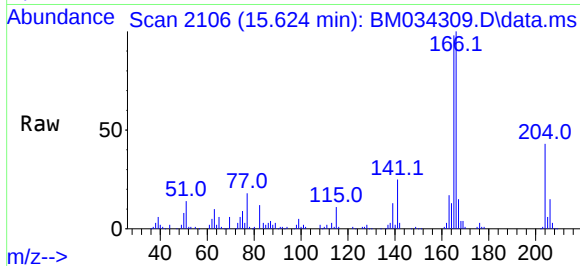
Tgt Ion:165 Resp: 23722
Ion Ratio Lower Upper
165 100
63 63.0 40.6 61.0#
89 91.3 62.7 94.1
182 4.3 2.3 3.5#





#58
Fluorene
Concen: 3.531 ng
RT: 15.624 min Scan# 2106
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

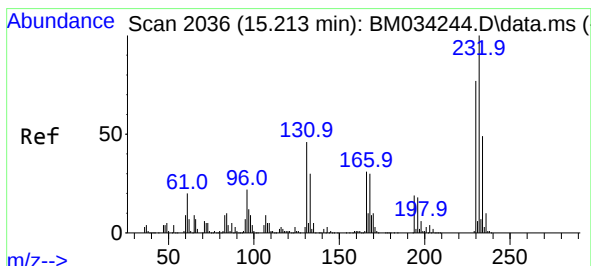
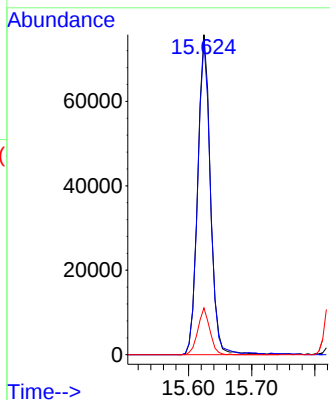
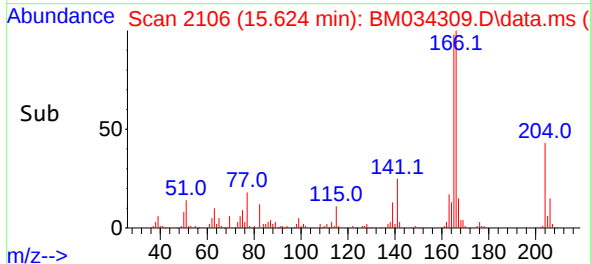
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



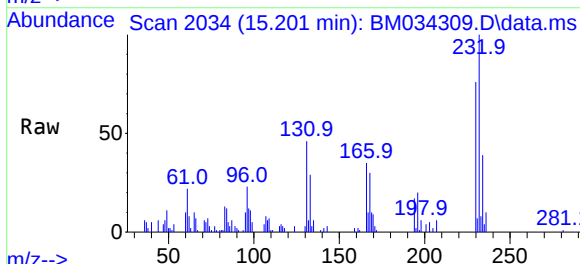
Tgt Ion:166 Resp: 10563
Ion Ratio Lower Upper
166 100
165 97.8 78.0 117.0
167 14.6 10.5 15.7

Manual Integrations
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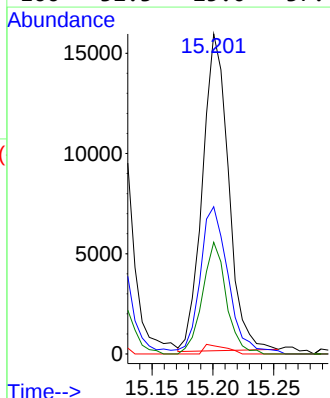
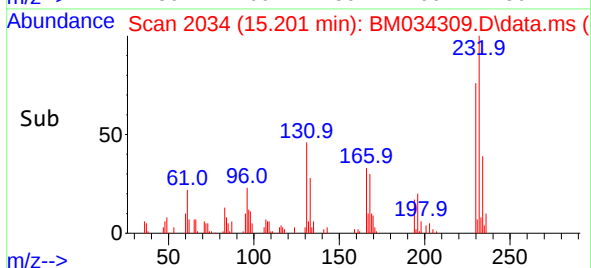
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

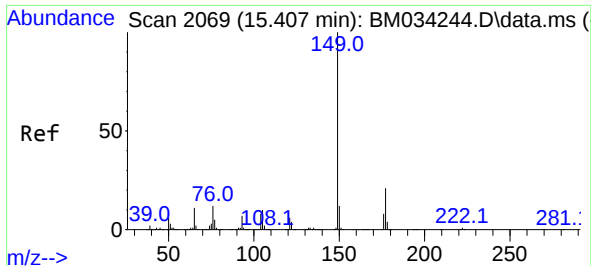


#59
2,3,4,6-Tetrachlorophenol
Concen: 2.894 ng
RT: 15.201 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:232 Resp: 23486
Ion Ratio Lower Upper
232 100
131 50.3 38.0 57.0
130 2.5 2.2 3.2
166 32.3 25.0 37.4





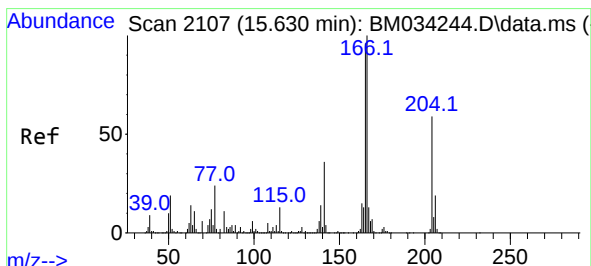
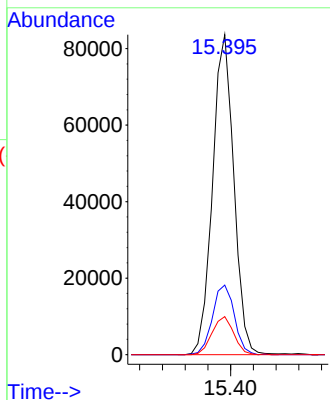
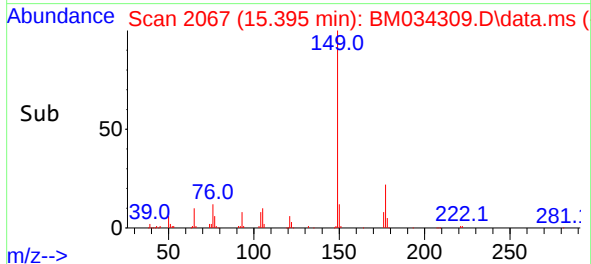
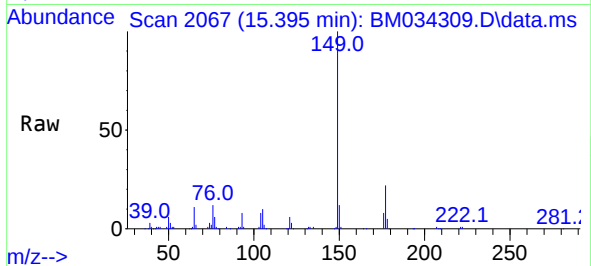
#60
Diethylphthalate
Concen: 3.460 ng
RT: 15.395 min Scan# 2069
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021

Tgt Ion:149 Resp: 10872
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 11.9 9.9 14.9

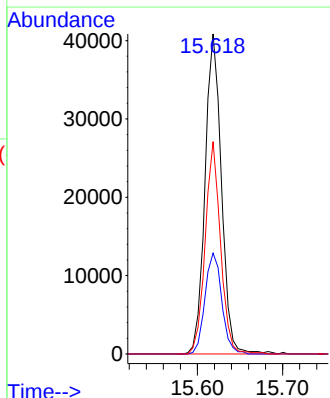
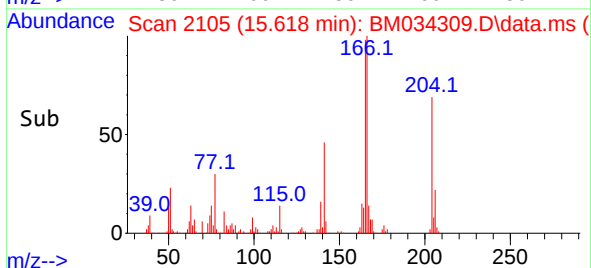
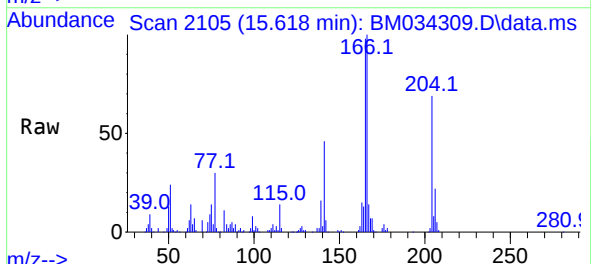
Manual Integrations
APPROVED

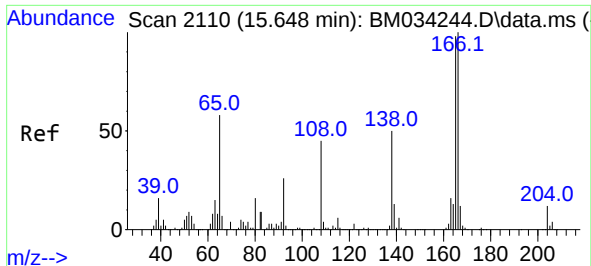
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#61
4-Chlorophenyl-phenylether
Concen: 3.573 ng
RT: 15.618 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

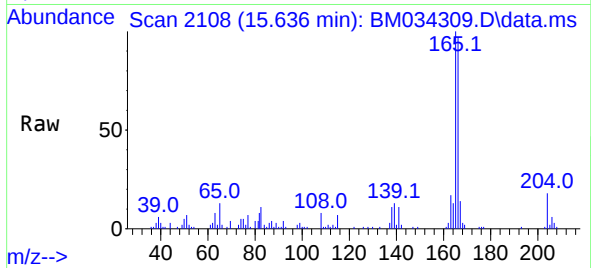
Tgt Ion:204 Resp: 54582
Ion Ratio Lower Upper
204 100
206 31.5 26.4 39.6
141 66.4 49.4 74.2





#62
4-Nitroaniline
Concen: 2.369 ng m
RT: 15.636 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

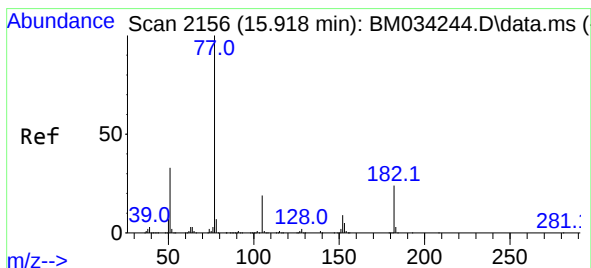
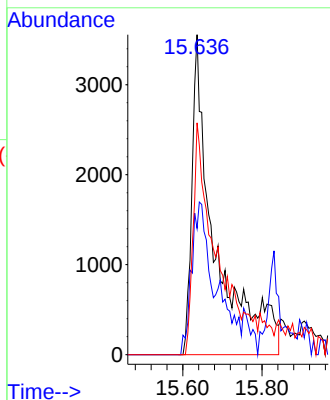
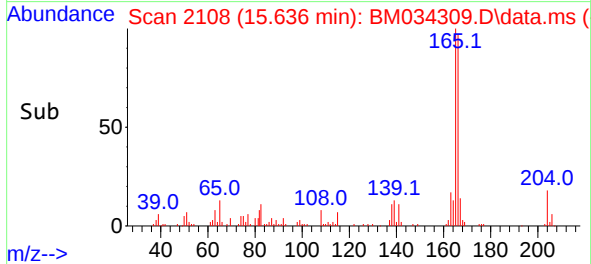
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:138 Resp: 1436
Ion Ratio Lower Upper
138 100
92 39.4 32.6 72.6
108 72.5 69.8 109.8

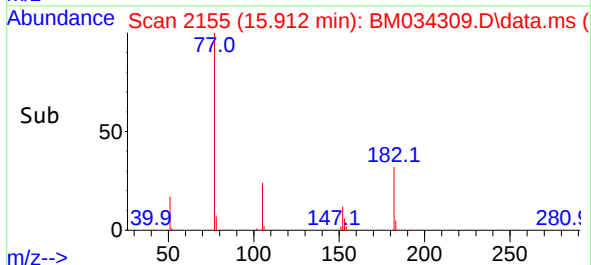
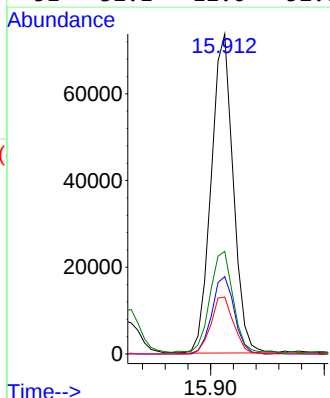
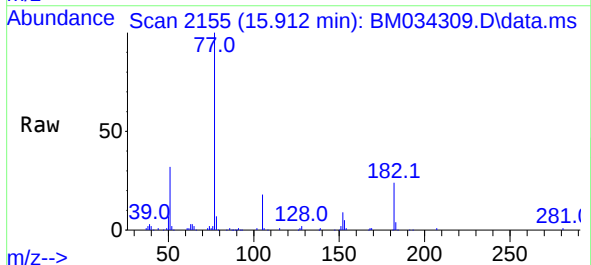
Manual Integrations
APPROVED

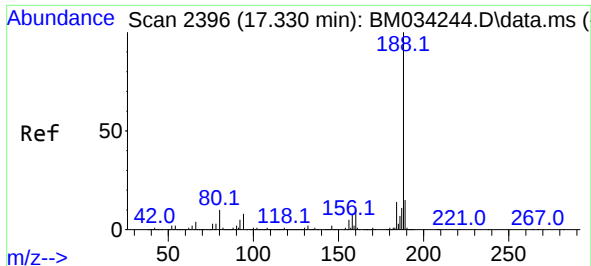
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#63
Azobenzene
Concen: 3.277 ng
RT: 15.912 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

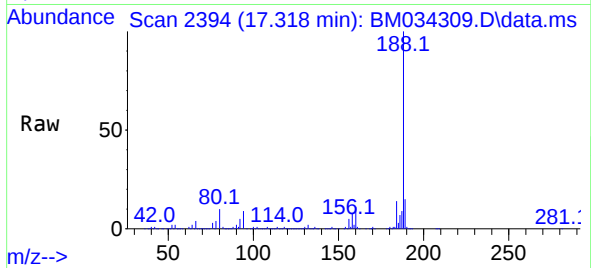
Tgt Ion: 77 Resp: 99304
Ion Ratio Lower Upper
77 100
182 24.1 4.4 44.4
105 17.8 0.0 38.7
51 32.1 12.6 52.6





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

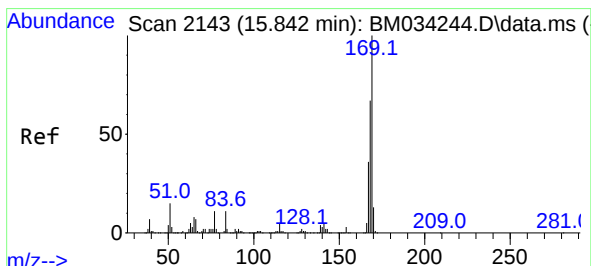
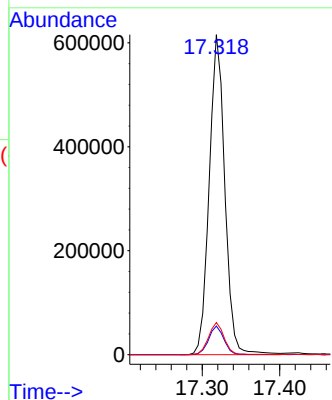
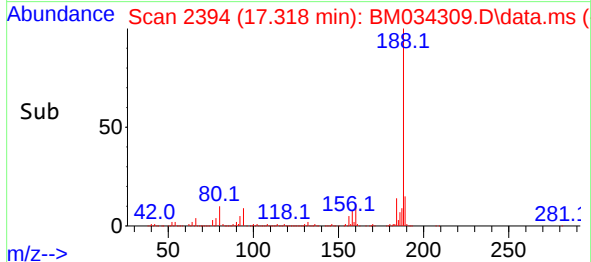
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



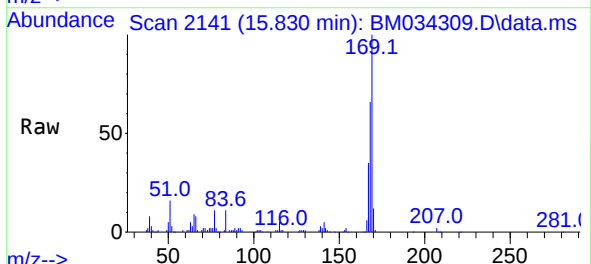
Tgt Ion:188 Resp: 86078
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 10.0 7.8 11.8

Manual Integrations
APPROVED

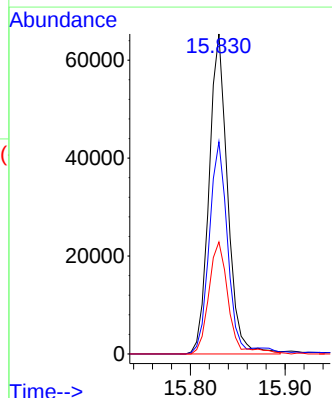
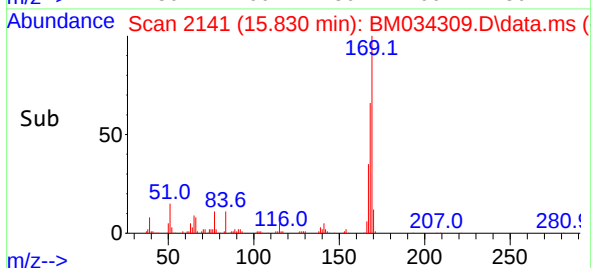
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

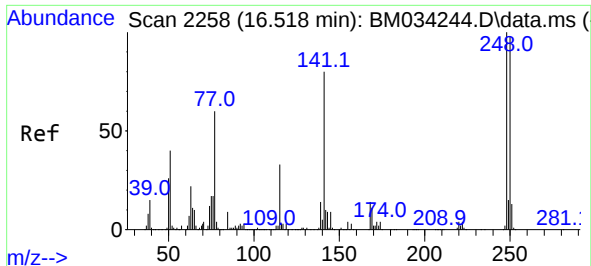


#66
n-Nitrosodiphenylamine
Concen: 3.244 ng
RT: 15.830 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



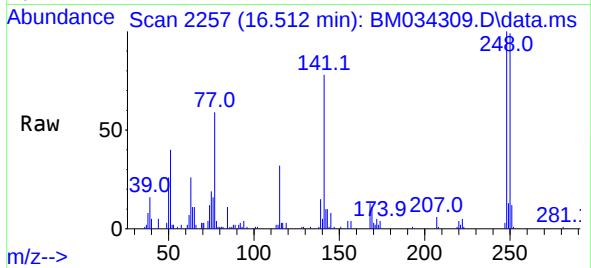
Tgt Ion:169 Resp: 88728
Ion Ratio Lower Upper
169 100
168 66.3 53.9 80.9
167 35.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 3.236 ng
RT: 16.512 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

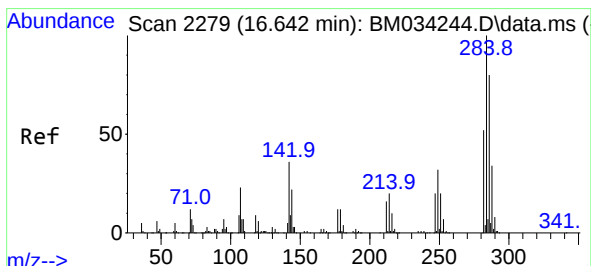
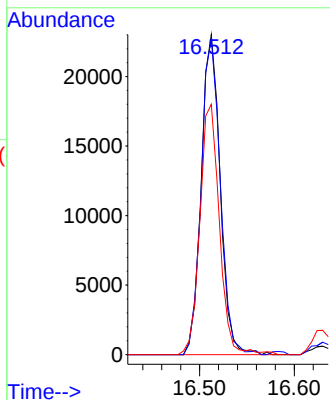
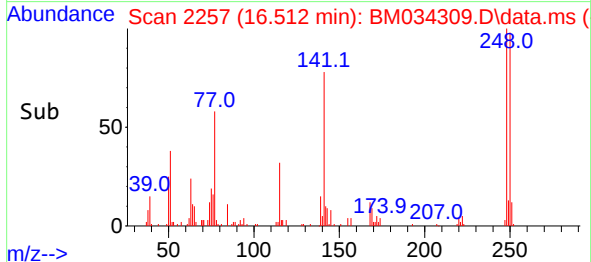
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



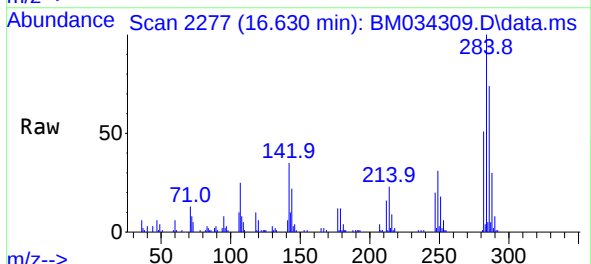
Tgt Ion:248 Resp: 32019
Ion Ratio Lower Upper
248 100
250 98.7 78.0 117.0
141 78.2 63.8 95.6

Manual Integrations
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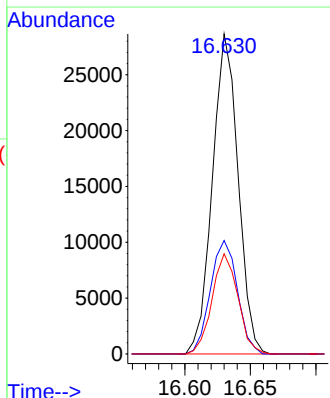
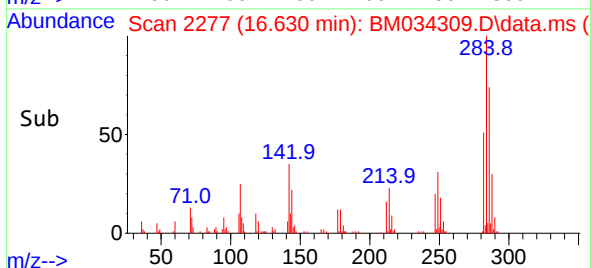
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

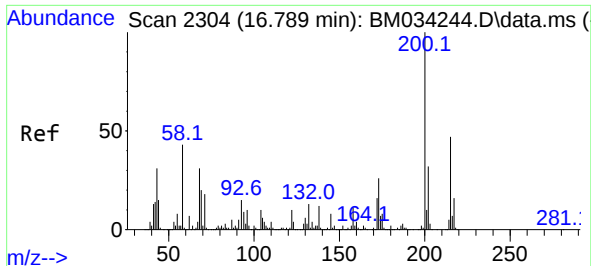


#68
Hexachlorobenzene
Concen: 3.532 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



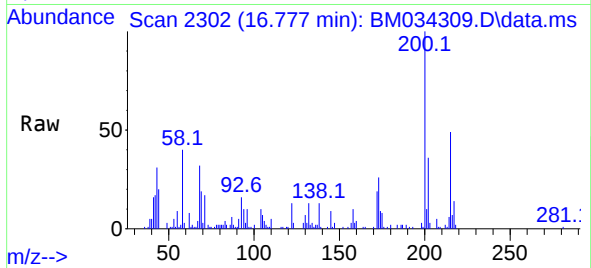
Tgt Ion:284 Resp: 38978
Ion Ratio Lower Upper
284 100
142 35.4 28.9 43.3
249 31.3 25.4 38.0





#69
Atrazine
Concen: 3.331 ng
RT: 16.777 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

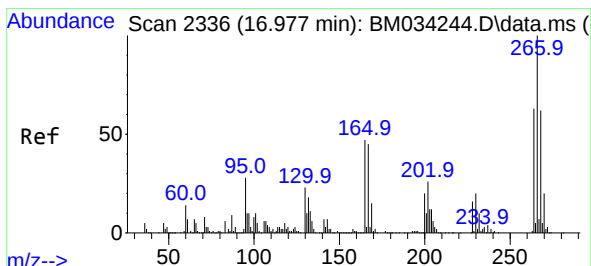
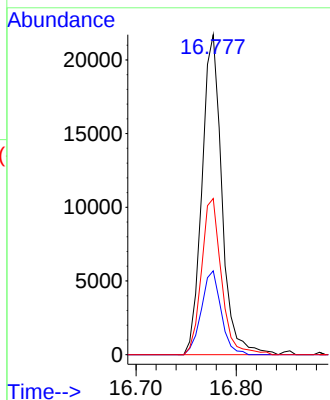
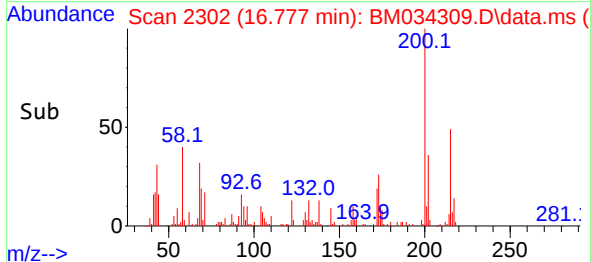
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



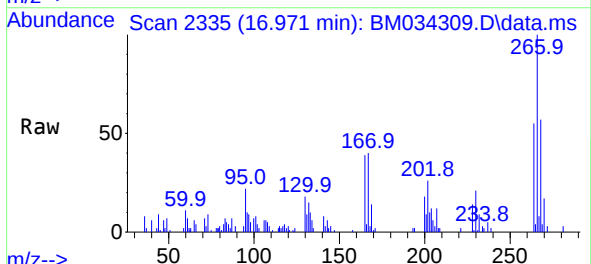
Tgt Ion:200 Resp: 3002
Ion Ratio Lower Upper
200 100
173 26.2 6.1 46.1
215 48.8 27.4 67.4

Manual Integrations
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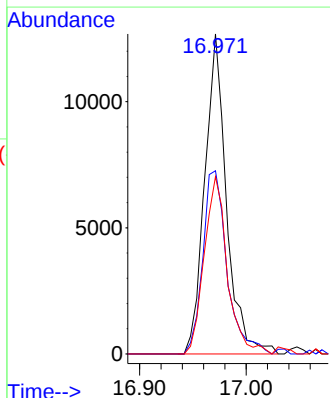
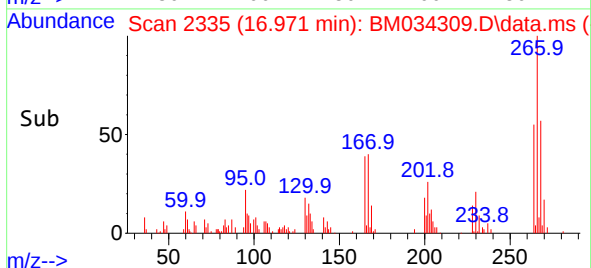
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

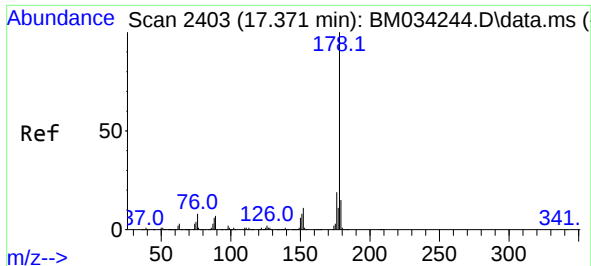


#70
Pentachlorophenol
Concen: 2.553 ng
RT: 16.971 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:266 Resp: 18017
Ion Ratio Lower Upper
266 100
268 57.2 49.8 74.8
264 55.4 50.3 75.5





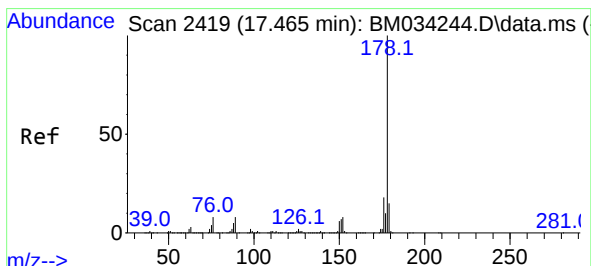
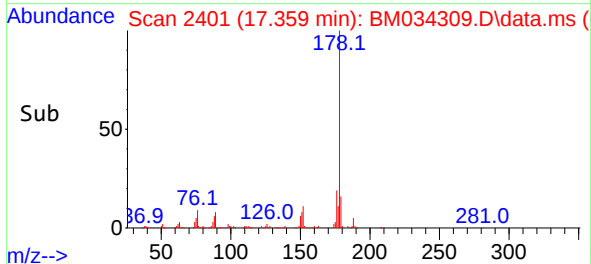
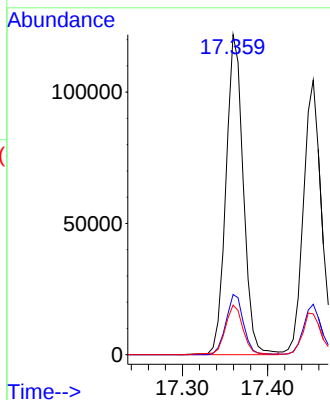
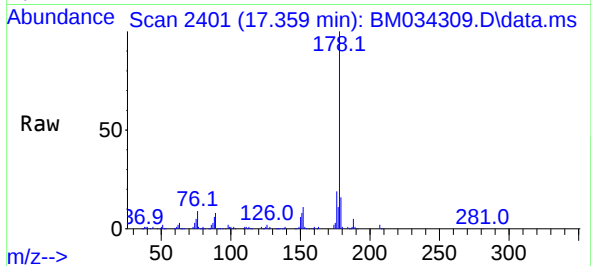
#71
Phenanthrene
Concen: 3.573 ng
RT: 17.359 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:178 Resp: 172236
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.5 12.2 18.4

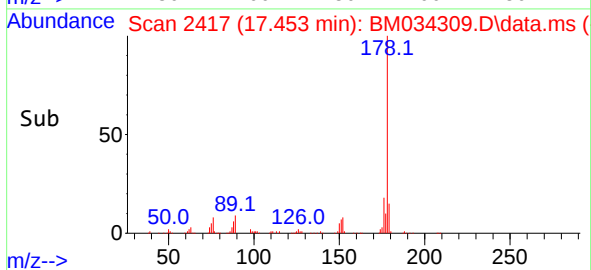
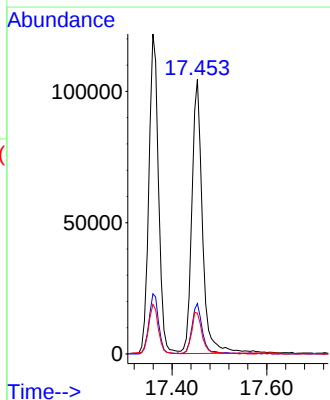
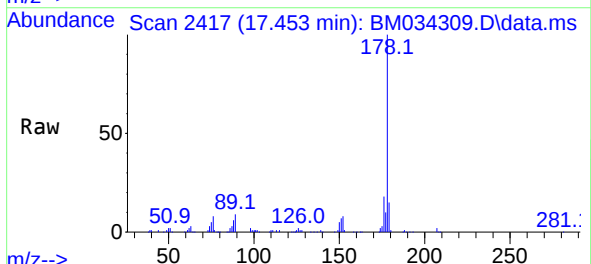
Manual Integrations
APPROVED

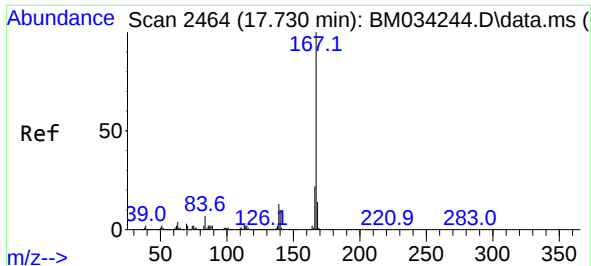
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#72
Anthracene
Concen: 3.477 ng
RT: 17.453 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

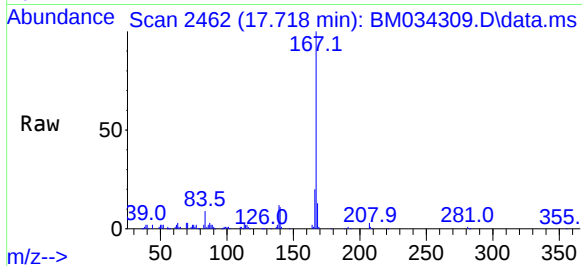
Tgt Ion:178 Resp: 163127
Ion Ratio Lower Upper
178 100
176 18.4 14.6 22.0
179 14.9 12.2 18.2





#73
Carbazole
Concen: 2.969 ng
RT: 17.718 min Scan# 2462
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

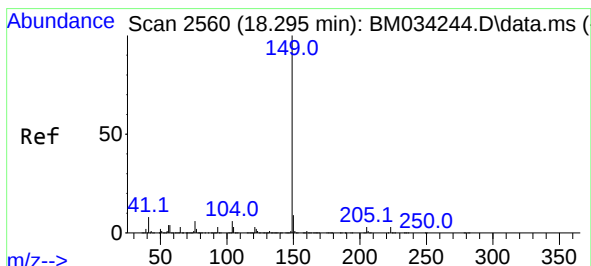
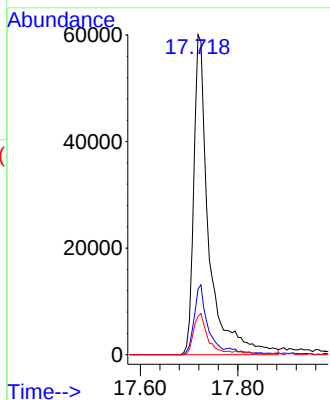
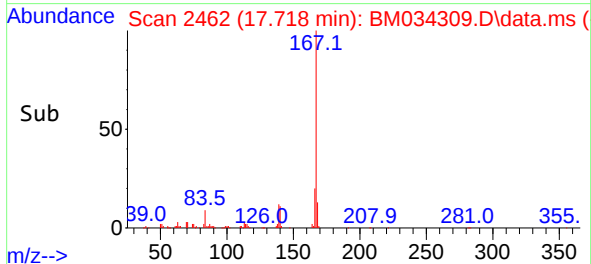
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



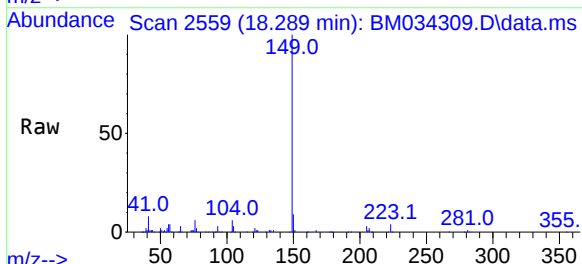
Tgt Ion:167 Resp: 129929
Ion Ratio Lower Upper
167 100
166 20.5 17.4 26.2
139 12.0 10.4 15.6

Manual Integrations
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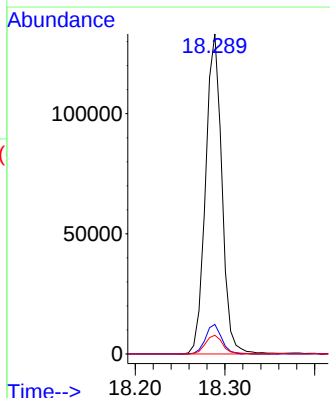
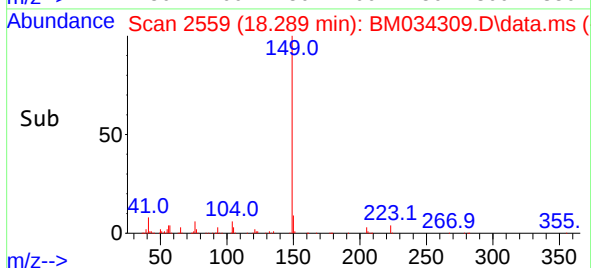
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

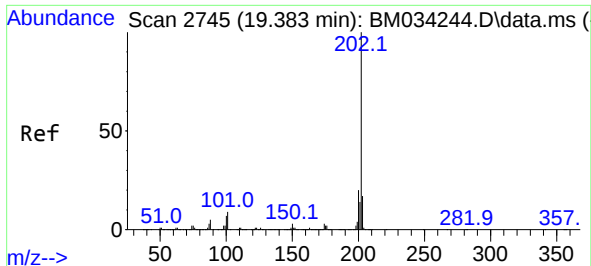


#74
Di-n-butylphthalate
Concen: 3.087 ng
RT: 18.289 min Scan# 2559
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



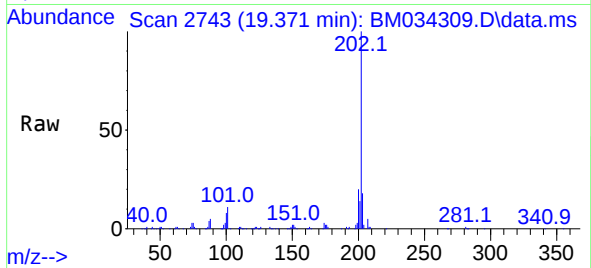
Tgt Ion:149 Resp: 167944
Ion Ratio Lower Upper
149 100
150 9.2 7.6 11.4
104 5.8 4.7 7.1





#75
Fluoranthene
Concen: 3.626 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

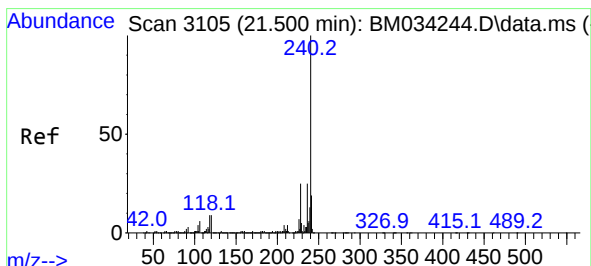
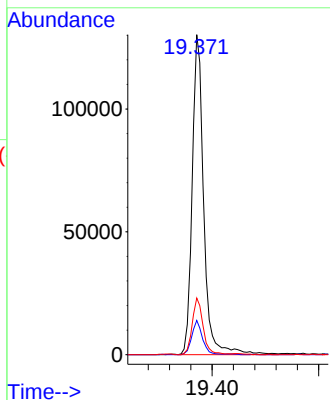
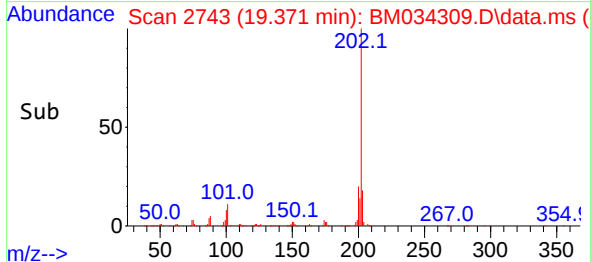
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



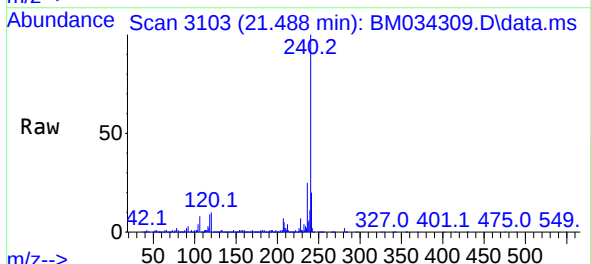
Tgt Ion:202 Resp: 19594
Ion Ratio Lower Upper
202 100
101 10.7 0.0 29.4
203 17.7 0.0 37.1

Manual Integrations
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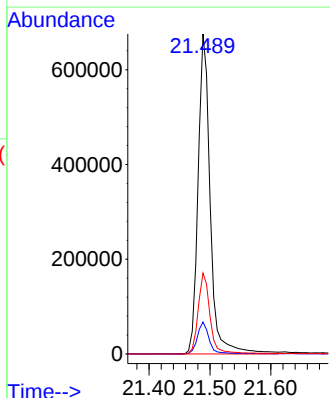
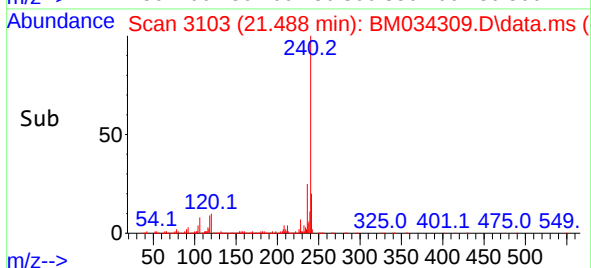
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

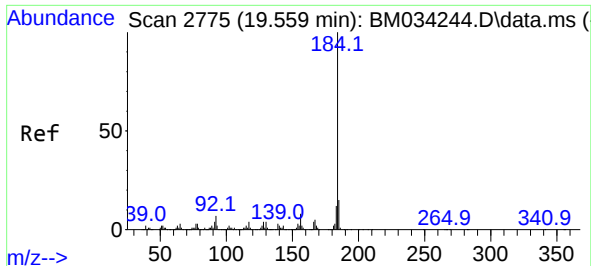


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.488 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59



Tgt Ion:240 Resp: 933447
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.3 20.2 30.2





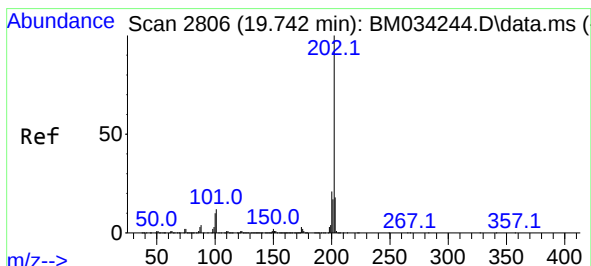
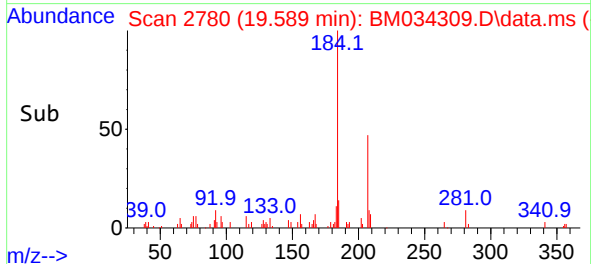
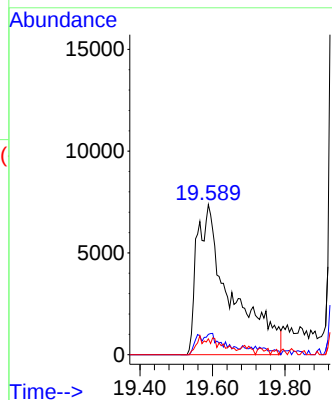
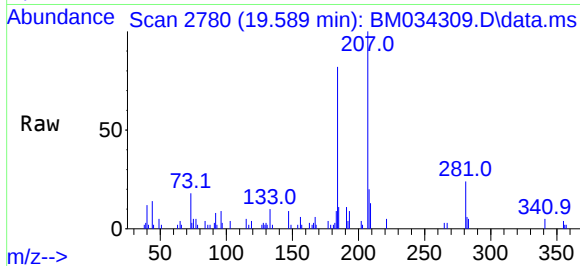
#77
Benzidine
Concen: 3.513 ng m
RT: 19.589 min Scan# 21
Delta R.T. 0.030 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:184 Resp: 4805
Ion Ratio Lower Upper
184 100
185 13.5 11.7 17.5
183 10.6 9.8 14.6

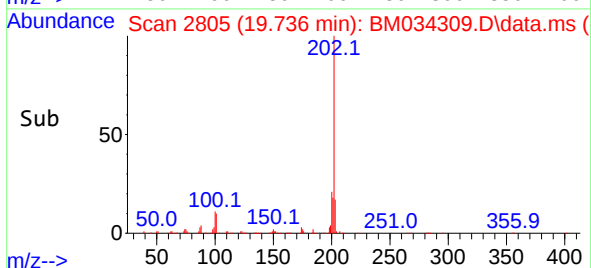
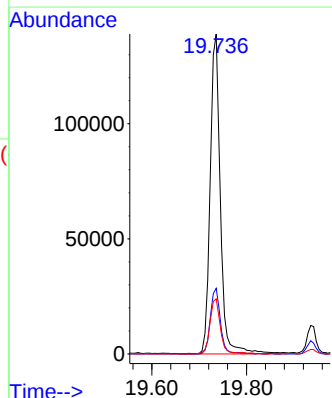
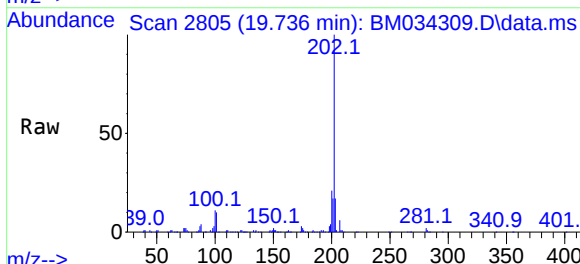
Manual Integrations
APPROVED

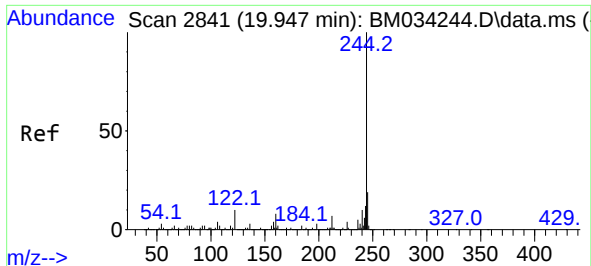
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#78
Pyrene
Concen: 3.160 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

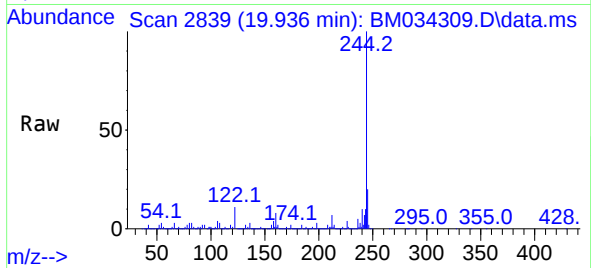
Tgt Ion:202 Resp: 207821
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.2 14.1 21.1





#79
 Terphenyl-d14
 Concen: 75.612 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034309.D
 Acq: 22 Mar 2022 13:59

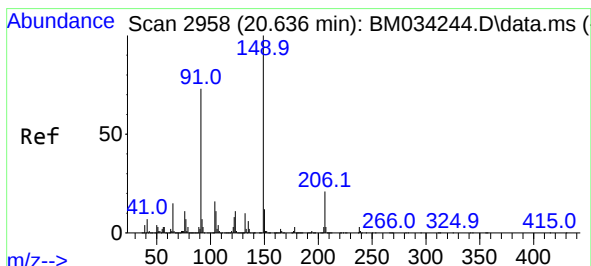
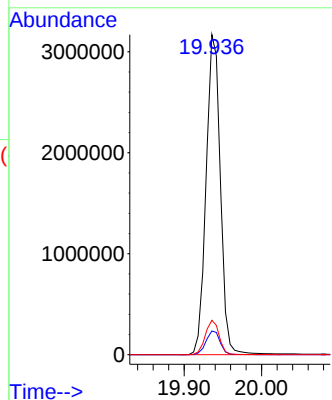
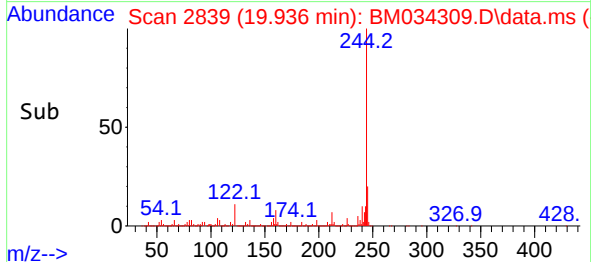
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2021



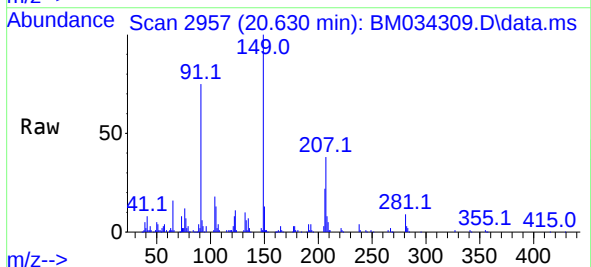
Tgt Ion:244 Resp: 4061889
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 10.7 7.8 11.8

Manual Integrations
 APPROVED

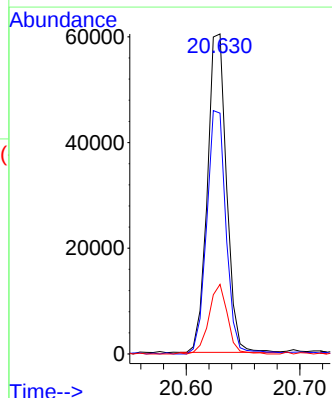
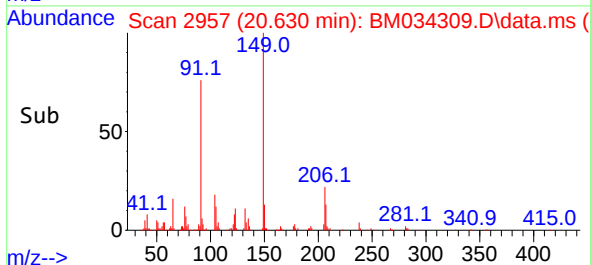
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

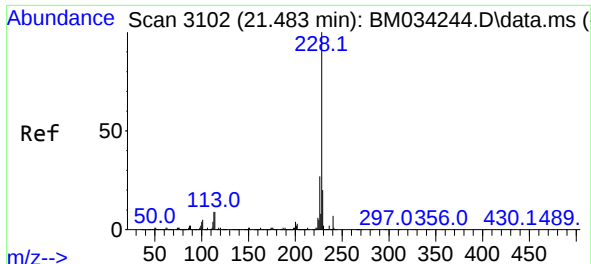


#80
 Butylbenzylphthalate
 Concen: 2.538 ng
 RT: 20.630 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM034309.D
 Acq: 22 Mar 2022 13:59



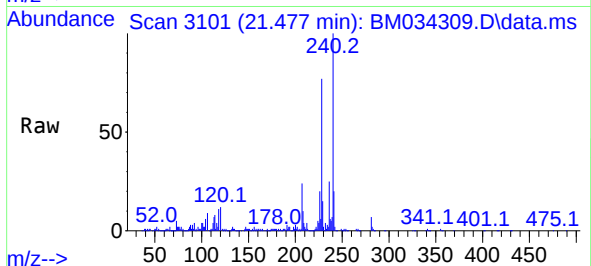
Tgt Ion:149 Resp: 70593
 Ion Ratio Lower Upper
 149 100
 91 75.2 58.5 87.7
 206 21.8 16.9 25.3





#81
Benzo(a)anthracene
Concen: 3.435 ng
RT: 21.477 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

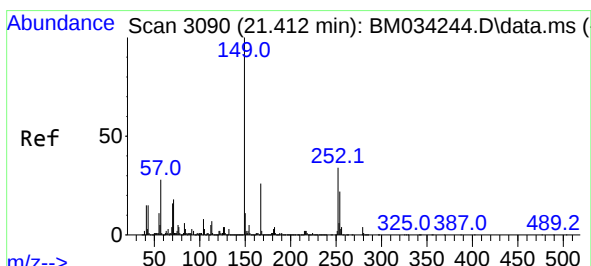
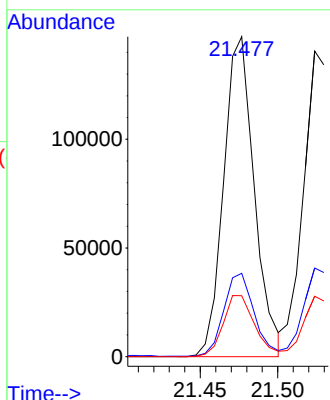
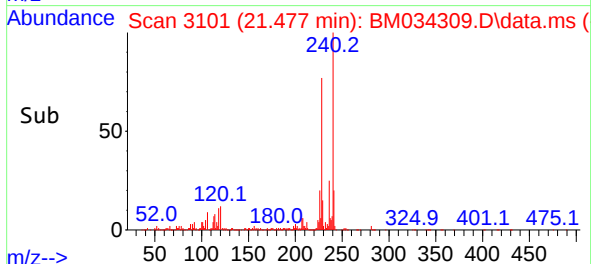
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:228 Resp: 202370
Ion Ratio Lower Upper
228 100
226 26.0 21.6 32.4
229 19.1 15.8 23.6

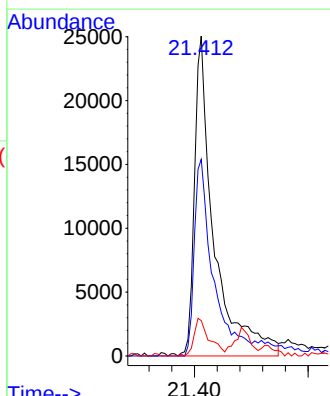
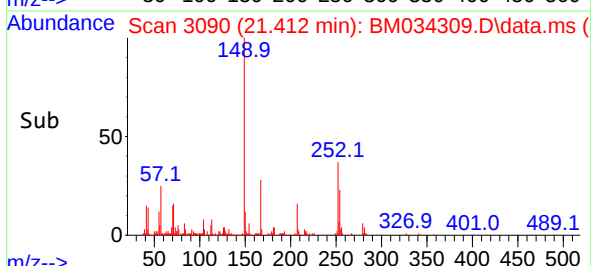
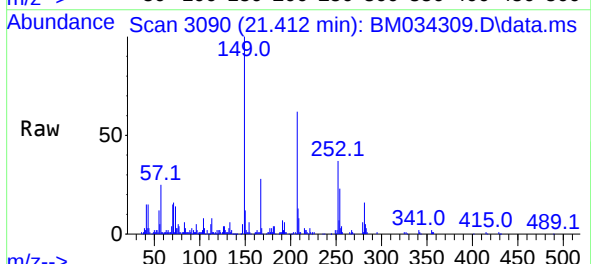
Manual Integrations
APPROVED

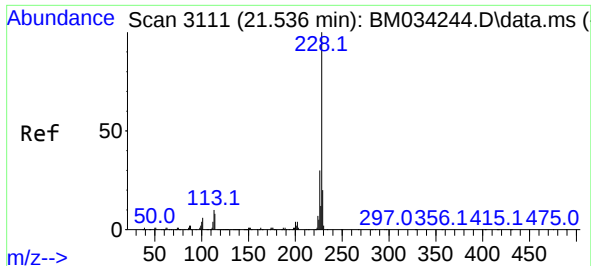
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 3.033 ng
RT: 21.412 min Scan# 3090
Delta R.T. -0.000 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

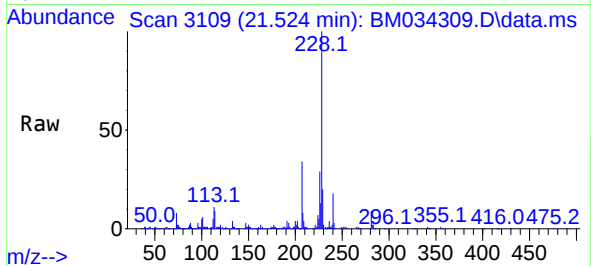
Tgt Ion:252 Resp: 59685
Ion Ratio Lower Upper
252 100
254 61.5 50.9 76.3
126 11.1 8.6 12.8





#83
Chrysene
Concen: 3.474 ng
RT: 21.524 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

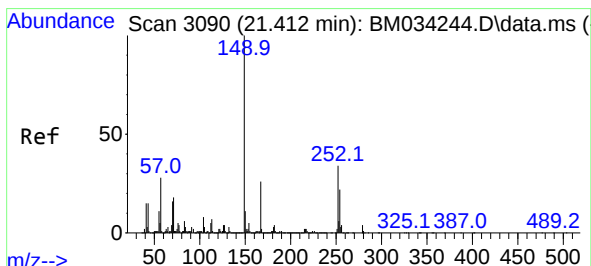
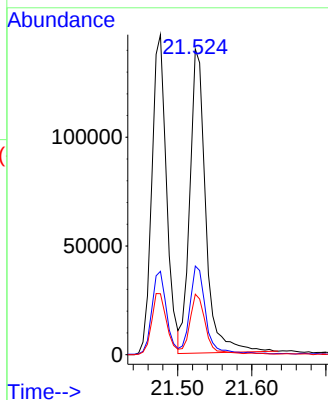
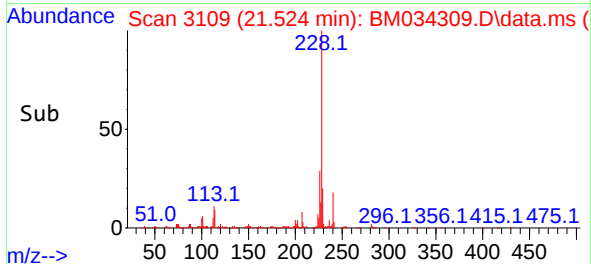
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:228 Resp: 20901
Ion Ratio Lower Upper
228 100
226 29.0 23.8 35.6
229 19.8 15.6 23.4

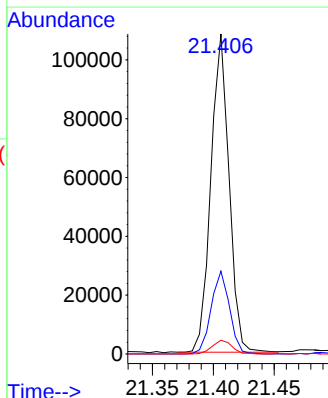
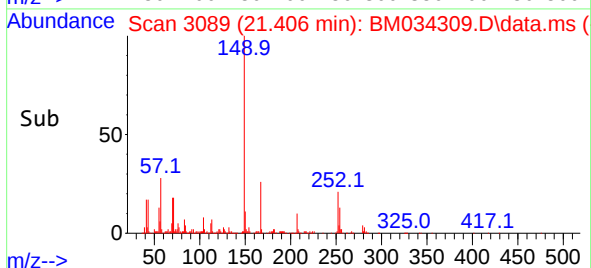
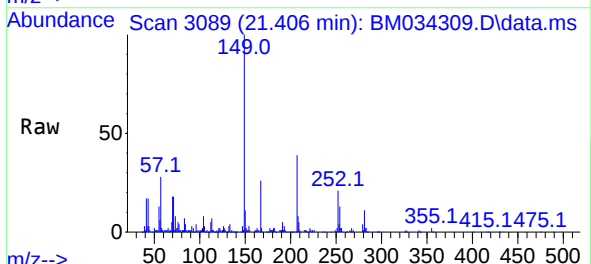
Manual Integrations
APPROVED

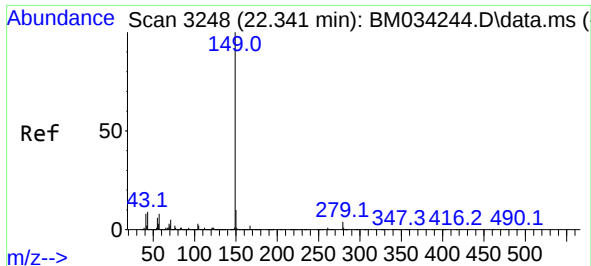
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.739 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

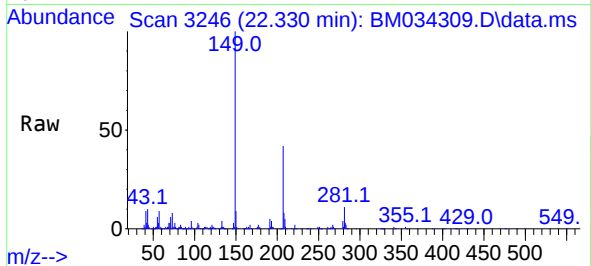
Tgt Ion:149 Resp: 112490
Ion Ratio Lower Upper
149 100
167 25.9 21.2 31.8
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 2.959 ng
RT: 22.330 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

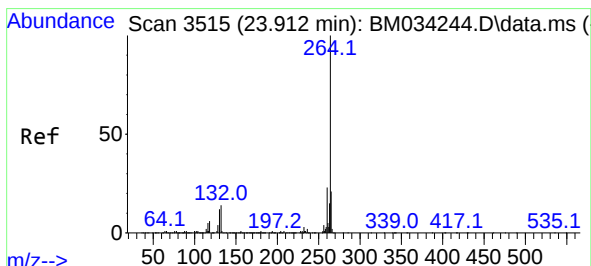
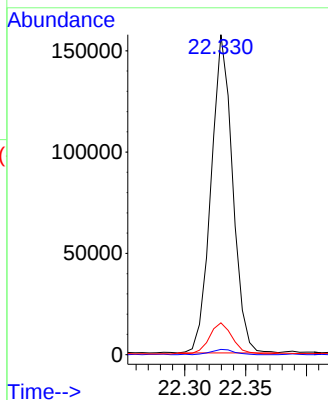
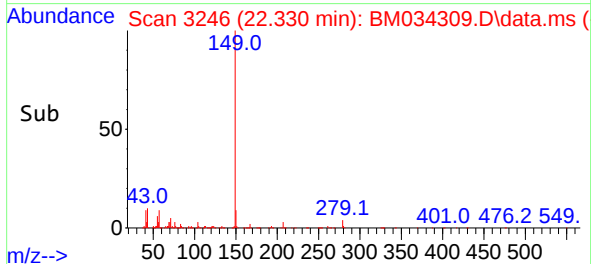
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:149 Resp: 192920
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 10.4 7.8 11.8

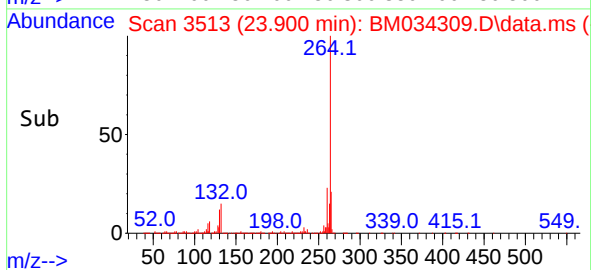
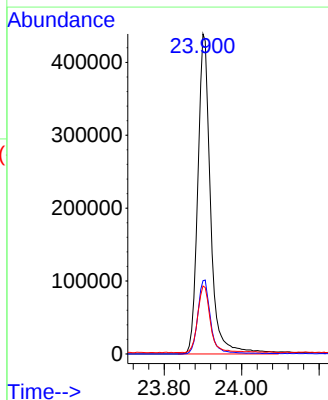
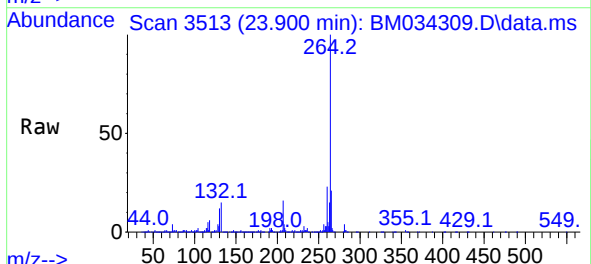
Manual Integrations
APPROVED

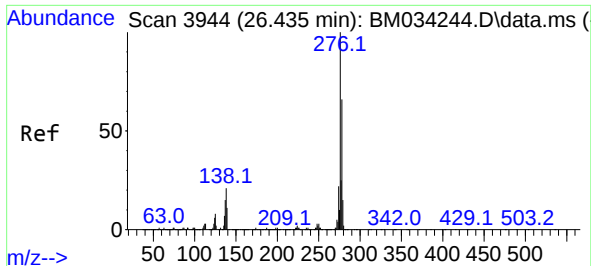
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Tgt Ion:264 Resp: 1002388
Ion Ratio Lower Upper
264 100
260 22.9 18.6 28.0
265 21.3 17.6 26.4





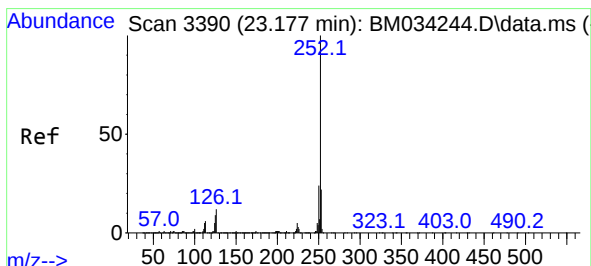
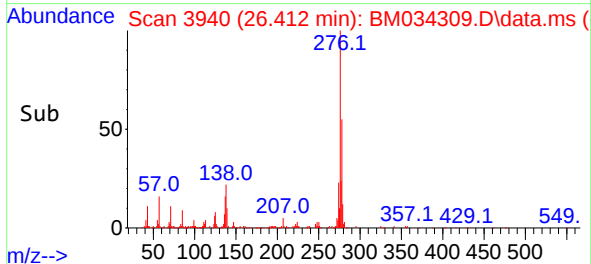
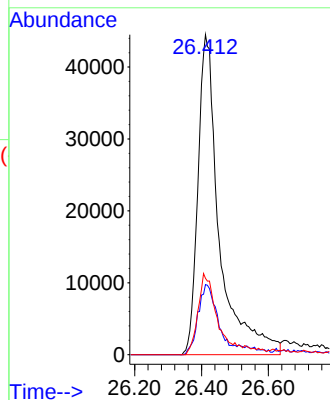
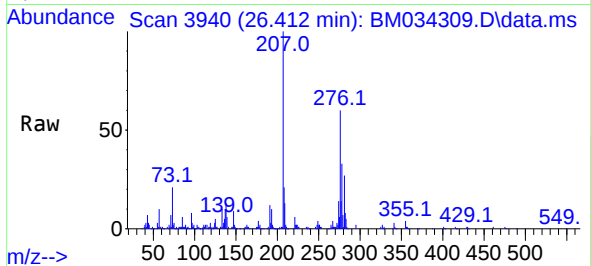
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.079 ng
RT: 26.412 min Scan# 3940
Delta R.T. -0.024 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:276 Resp: 198524
Ion Ratio Lower Upper
276 100
138 20.2 16.6 25.0
277 22.5 19.8 29.6

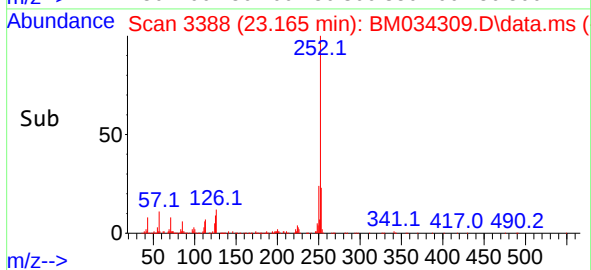
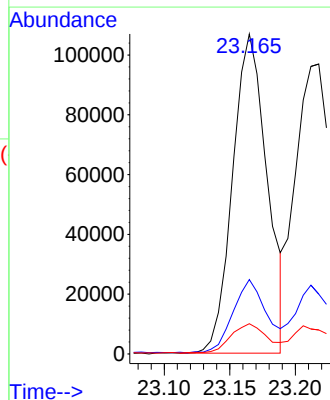
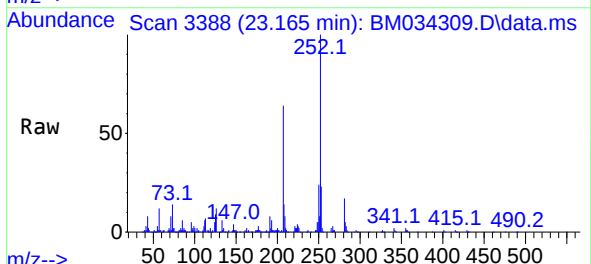
Manual Integrations
APPROVED

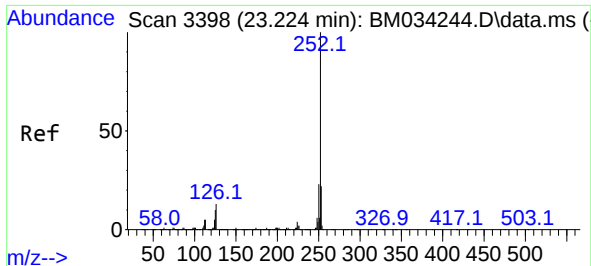
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#88
Benzo(b)fluoranthene
Concen: 3.261 ng
RT: 23.165 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Tgt Ion:252 Resp: 195456
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.8
125 9.4 7.2 10.8





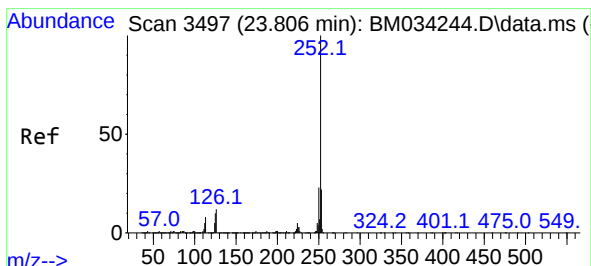
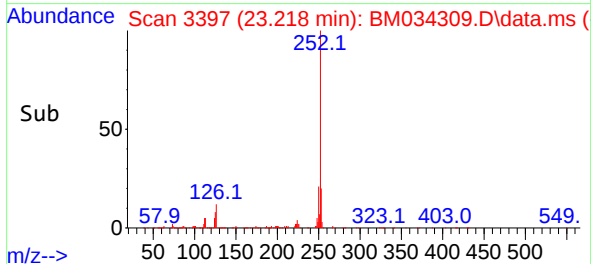
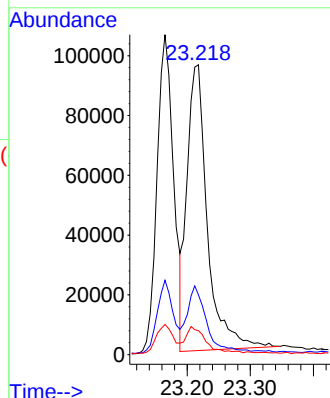
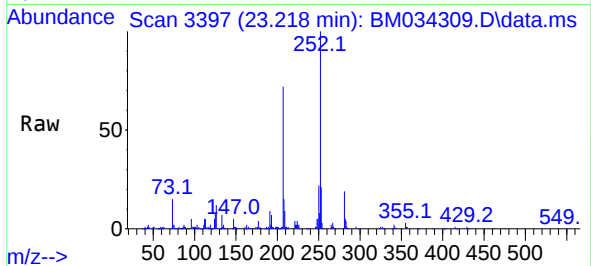
#89
Benzo(k)fluoranthene
Concen: 3.375 ng
RT: 23.218 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021

Tgt Ion:252 Resp: 21431
Ion Ratio Lower Upper
252 100
253 20.6 17.6 26.4
125 8.3 7.5 11.3

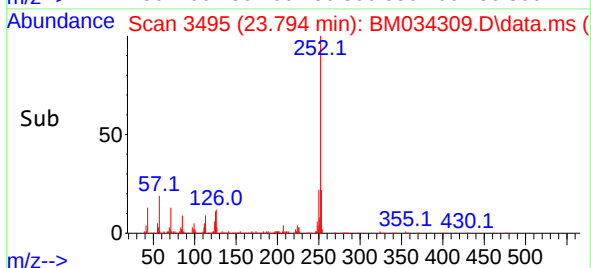
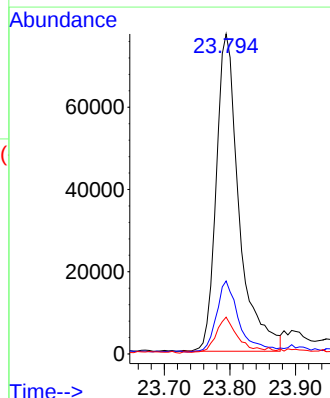
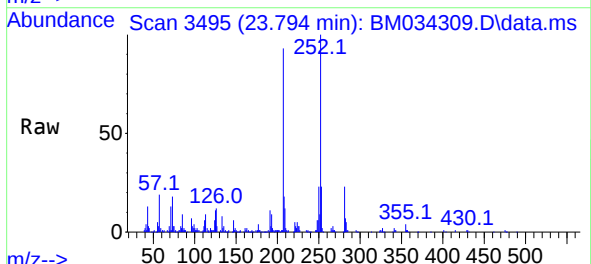
Manual Integrations
APPROVED

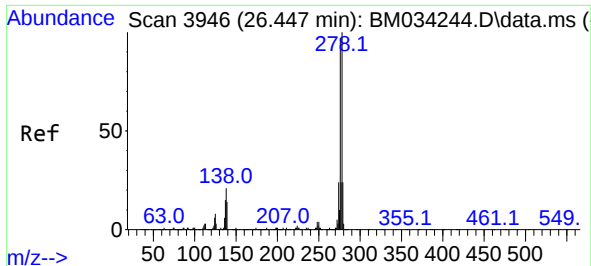
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#90
Benzo(a)pyrene
Concen: 3.672 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

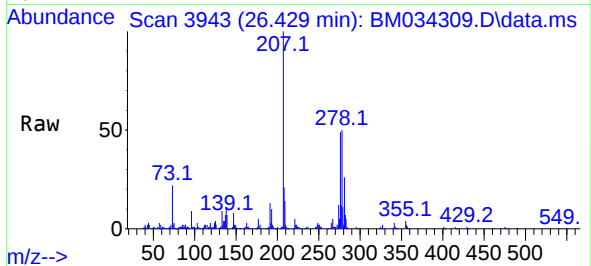
Tgt Ion:252 Resp: 186614
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 11.5 7.8 11.6





#91
Dibenzo(a,h)anthracene
Concen: 3.124 ng m
RT: 26.429 min Scan# 3946
Delta R.T. -0.018 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

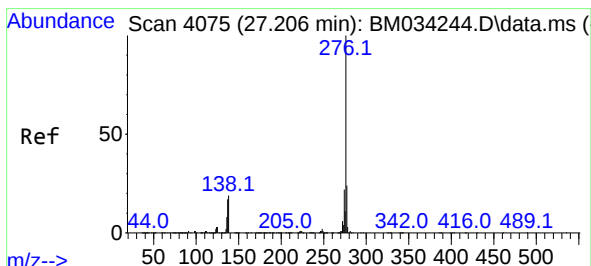
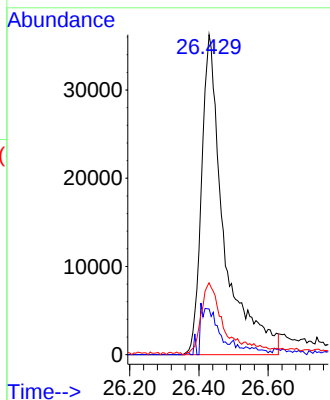
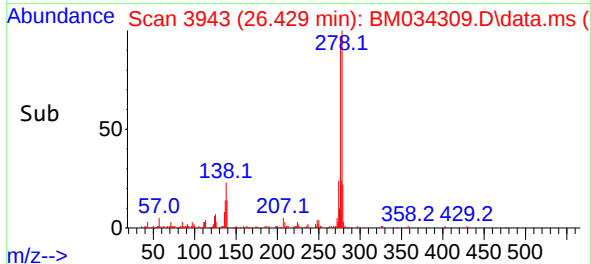
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:278 Resp: 16333
Ion Ratio Lower Upper
278 100
139 14.3 11.2 16.8
279 22.5 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#92
Benzo(g,h,i)perylene
Concen: 3.406 ng
RT: 27.176 min Scan# 4070
Delta R.T. -0.029 min
Lab File: BM034309.D
Acq: 22 Mar 2022 13:59

Tgt Ion:276 Resp: 184330
Ion Ratio Lower Upper
276 100
277 22.6 19.0 28.4
138 17.9 15.6 23.4

