

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032222\
 Data File : BM034308.D
 Acq On : 22 Mar 2022 13:23
 Operator : CG/JU
 Sample : M4068-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Mar 22 14:40:45 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	129017	20.000	ng	0.00
21) Naphthalene-d8	10.754	136	538240	20.000	ng	-0.01
39) Acenaphthene-d10	14.583	164	365333	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	798580	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	920939	20.000	ng	-0.01
86) Perylene-d12	23.900	264	1011365	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.490	112	830328	115.456	ng	-0.01
7) Phenol-d6	7.095	99	1226802	119.143	ng	-0.01
23) Nitrobenzene-d5	9.101	82	946533	85.619	ng	-0.01
42) 2,4,6-Tribromophenol	16.065	330	608917	123.657	ng	0.00
45) 2-Fluorobiphenyl	13.213	172	2238612	83.733	ng	0.00
79) Terphenyl-d14	19.936	244	3903583	73.652	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	23677	7.277	ng	96
3) Pyridine	3.766	79	57910	6.577	ng	# 94
4) n-Nitrosodimethylamine	3.666	42	31838	7.615	ng	# 89
6) Aniline	7.260	93	95690	8.132	ng	99
8) 2-Chlorophenol	7.501	128	61171	7.272	ng	92
9) Benzaldehyde	7.072	77	59741m	10.769	ng	
10) Phenol	7.125	94	74669	7.291	ng	96
11) bis(2-Chloroethyl)ether	7.360	93	62894	7.482	ng	99
12) 1,3-Dichlorobenzene	7.831	146	70977	7.439	ng	97
13) 1,4-Dichlorobenzene	7.978	146	72157	7.387	ng	97
14) 1,2-Dichlorobenzene	8.295	146	69295	7.277	ng	98
15) Benzyl Alcohol	8.178	79	55387	6.759	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.478	45	89076	7.722	ng	98
17) 2-Methylphenol	8.384	107	50000	6.971	ng	97
18) Hexachloroethane	9.031	117	26398	7.327	ng	94
19) n-Nitroso-di-n-propyla...	8.748	70	54860	7.366	ng	98
20) 3+4-Methylphenols	8.713	107	67009	6.755	ng	98
22) Acetophenone	8.766	105	100933	7.307	ng	# 97
24) Nitrobenzene	9.142	77	83223	8.063	ng	96
25) Isophorone	9.672	82	145680	7.875	ng	98
26) 2-Nitrophenol	9.860	139	29424	6.428	ng	99
27) 2,4-Dimethylphenol	9.919	122	56940	7.944	ng	97
28) bis(2-Chloroethoxy)met...	10.160	93	87096	7.354	ng	99
29) 2,4-Dichlorophenol	10.395	162	54896	6.592	ng	99
30) 1,2,4-Trichlorobenzene	10.619	180	68414	7.227	ng	99
31) Naphthalene	10.801	128	208628	7.440	ng	99
32) Benzoic acid	9.983	122	22389m	3.778	ng	
33) 4-Chloroaniline	10.913	127	75563	6.831	ng	97
34) Hexachlorobutadiene	11.101	225	41377	6.901	ng	95
35) Caprolactam	11.660	113	18950m	6.546	ng	
36) 4-Chloro-3-methylphenol	12.030	107	63852	6.691	ng	99
37) 2-Methylnaphthalene	12.413	142	152183	7.606	ng	99
38) 1-Methylnaphthalene	12.630	142	148135	7.568	ng	96
40) 1,2,4,5-Tetrachloroben...	12.783	216	78168	7.090	ng	98
41) Hexachlorocyclopentadiene	12.766	237	47087	7.376	ng	99
43) 2,4,6-Trichlorophenol	13.019	196	46965	6.170	ng	96

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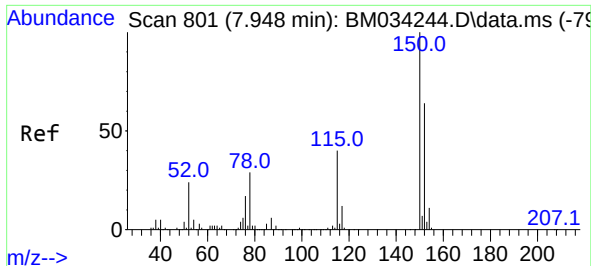
Quant Time: Mar 22 14:40:45 2022
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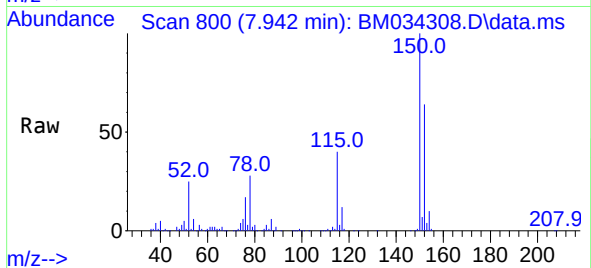
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	51265	6.275	ng	99
46) 1,1'-Biphenyl	13.418	154	213297	7.657	ng	98
47) 2-Chloronaphthalene	13.460	162	155249	7.261	ng	97
48) 2-Nitroaniline	13.660	65	41853	6.403	ng	94
49) Acenaphthylene	14.301	152	256545	7.698	ng	99
50) Dimethylphthalate	14.030	163	206228	7.417	ng	99
51) 2,6-Dinitrotoluene	14.148	165	41485	7.274	ng	95
52) Acenaphthene	14.642	154	160161	7.135	ng	99
53) 3-Nitroaniline	14.477	138	33905	5.925	ng	98
54) 2,4-Dinitrophenol	14.683	184	13419	4.200	ng	100
55) Dibenzofuran	14.977	168	249835	7.468	ng	97
56) 4-Nitrophenol	14.783	139	23370m	5.038	ng	
57) 2,4-Dinitrotoluene	14.936	165	53369	6.923	ng	98
58) Fluorene	15.624	166	204857	7.543	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.201	232	48641	6.602	ng	98
60) Diethylphthalate	15.395	149	211778	7.424	ng	98
61) 4-Chlorophenyl-phenyle...	15.618	204	102611	7.401	ng	100
62) 4-Nitroaniline	15.636	138	32879m	5.973	ng	
63) Azobenzene	15.912	77	200051	7.272	ng	99
65) 4,6-Dinitro-2-methylph...	15.695	198	25684	4.946	ng	95
66) n-Nitrosodiphenylamine	15.830	169	174308	6.870	ng	98
67) 4-Bromophenyl-phenylether	16.512	248	62899	6.852	ng	98
68) Hexachlorobenzene	16.630	284	73787	7.206	ng	99
69) Atrazine	16.777	200	62772	7.506	ng	98
70) Pentachlorophenol	16.971	266	39251	5.994	ng	97
71) Phenanthrene	17.359	178	332144	7.427	ng	99
72) Anthracene	17.454	178	316792	7.278	ng	99
73) Carbazole	17.718	167	270203	6.656	ng	98
74) Di-n-butylphthalate	18.289	149	342035	6.777	ng	99
75) Fluoranthene	19.371	202	392170	7.822	ng	97
77) Benzidine	19.559	184	113789m	8.431	ng	
78) Pyrene	19.736	202	414039	6.381	ng	99
80) Butylbenzylphthalate	20.630	149	155040	5.650	ng	100
81) Benzo(a)anthracene	21.471	228	416210	7.160	ng	99
82) 3,3'-Dichlorobenzidine	21.406	252	134571	6.932	ng	99
83) Chrysene	21.524	228	417750	7.038	ng	99
84) Bis(2-ethylhexyl)phtha...	21.406	149	240650	5.939	ng	99
85) Di-n-octyl phthalate	22.330	149	419701	6.525	ng	97
87) Indeno(1,2,3-cd)pyrene	26.412	276	428925	6.593	ng	98
88) Benzo(b)fluoranthene	23.165	252	422054	6.979	ng	100
89) Benzo(k)fluoranthene	23.212	252	469387	7.327	ng	99
90) Benzo(a)pyrene	23.794	252	405820	7.915	ng	100
91) Dibenzo(a,h)anthracene	26.429	278	370023	7.014	ng	99
92) Benzo(g,h,i)perylene	27.182	276	405087	7.419	ng	99

(#) = 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: BM034308.D
Acq: 22 Mar 2022 13:23

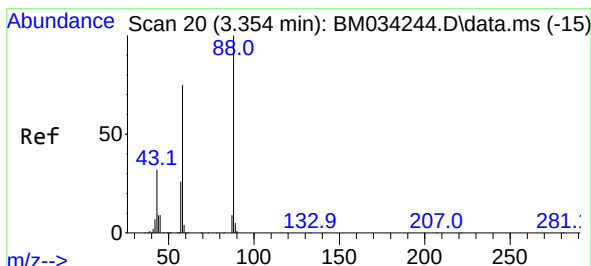
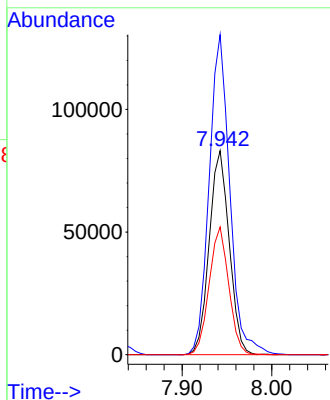
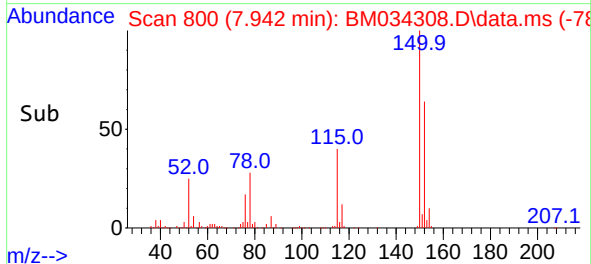
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:152 Resp: 12901
Ion Ratio Lower Upper
152 100
150 156.9 125.4 188.2
115 62.6 50.1 75.1

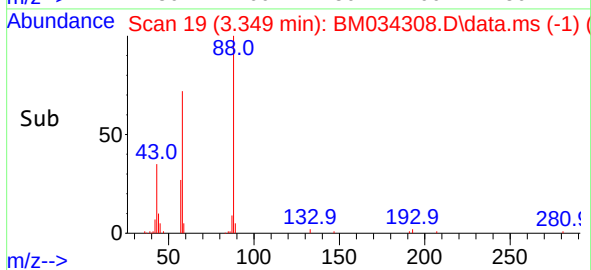
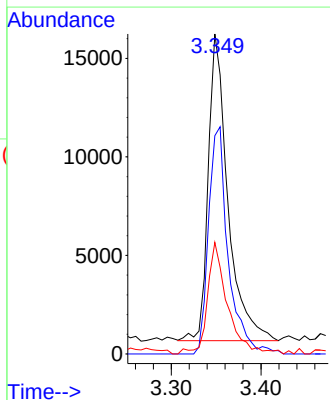
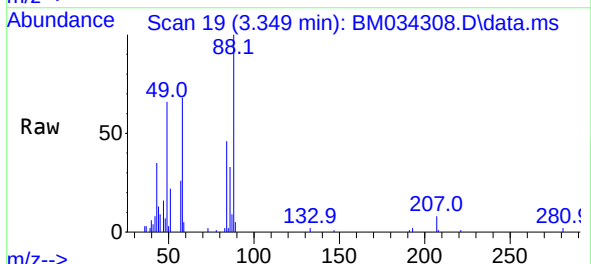
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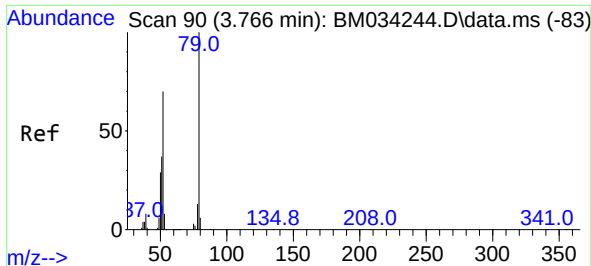
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#2
1,4-Dioxane
Concen: 7.277 ng
RT: 3.349 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

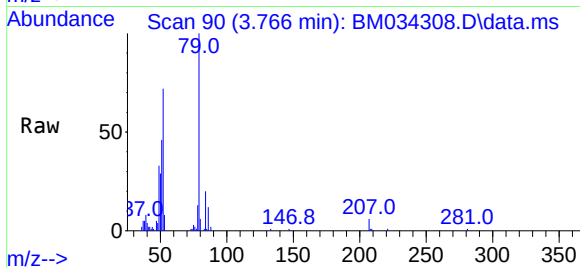
Tgt Ion: 88 Resp: 23677
Ion Ratio Lower Upper
88 100
58 74.2 60.4 90.6
43 37.1 25.4 38.0





#3
Pyridine
Concen: 6.577 ng
RT: 3.766 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

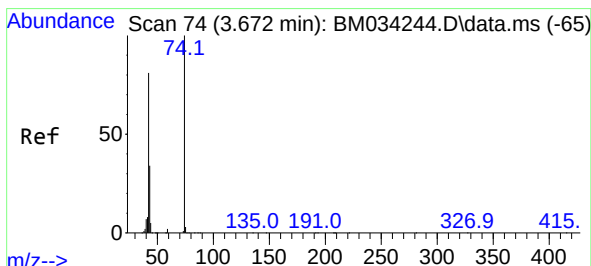
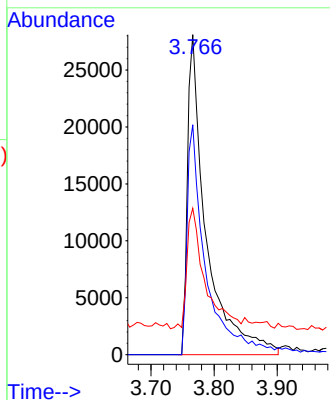
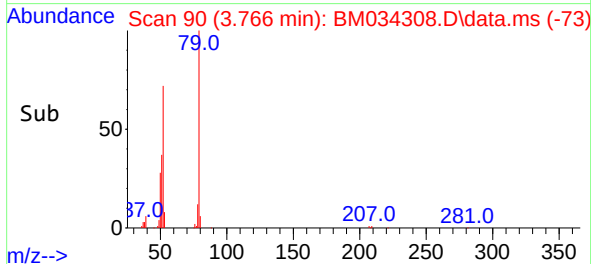
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



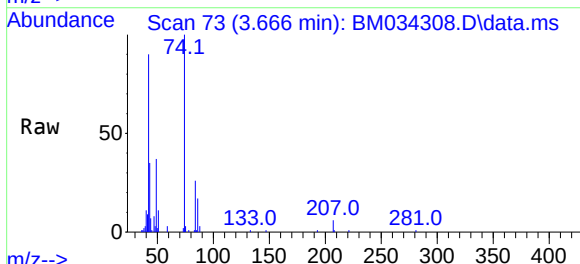
Tgt Ion: 79 Resp: 57910
Ion Ratio Lower Upper
79 100
52 71.9 56.1 84.1
51 45.7 30.4 45.6

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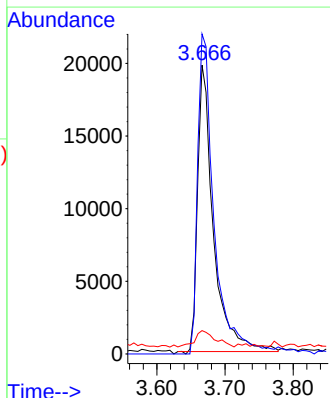
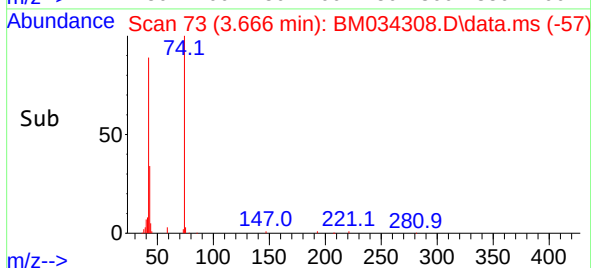
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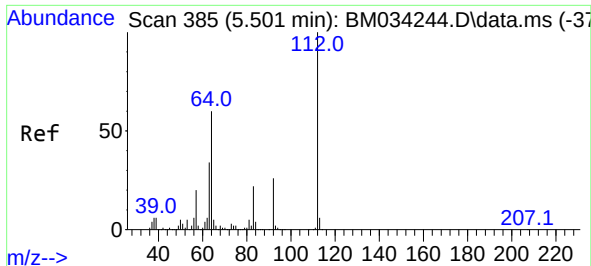


#4
n-Nitrosodimethylamine
Concen: 7.615 ng
RT: 3.666 min Scan# 73
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



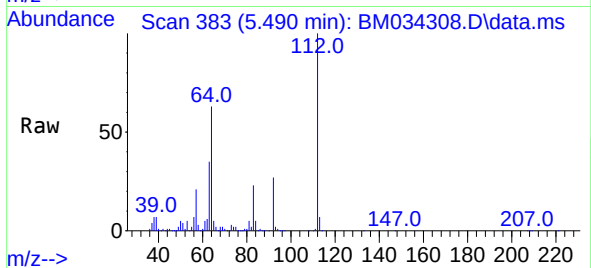
Tgt Ion: 42 Resp: 31838
Ion Ratio Lower Upper
42 100
74 110.8 99.3 148.9
44 8.1 5.0 7.6





#5
2-Fluorophenol
Concen: 115.456 ng
RT: 5.490 min Scan# 385
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

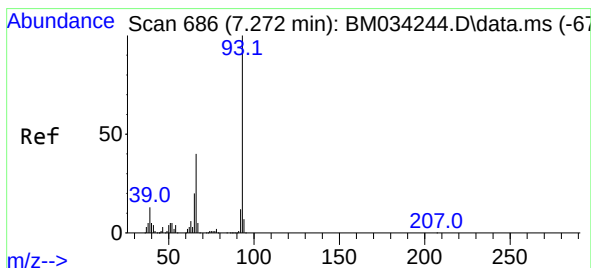
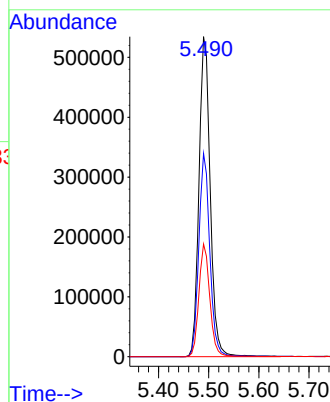
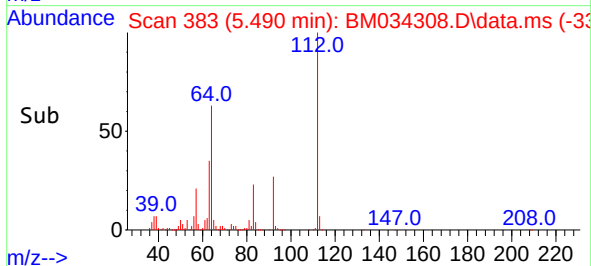
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MDL-WATER-03-QT4-2021



Tgt Ion: 112 Resp: 830328
Ion Ratio Lower Upper
112 100
64 63.5 47.9 71.9
63 35.2 27.1 40.7

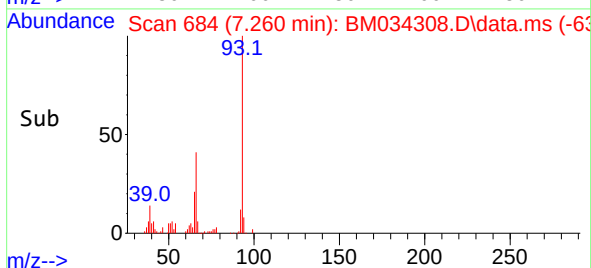
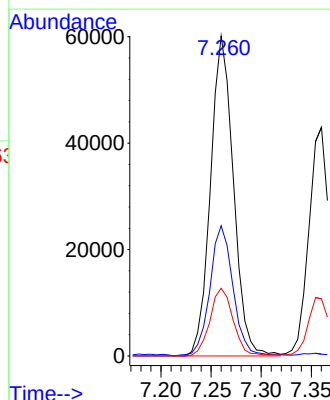
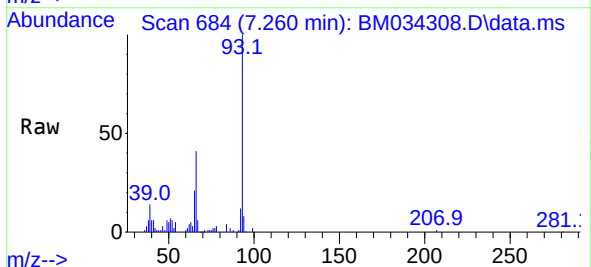
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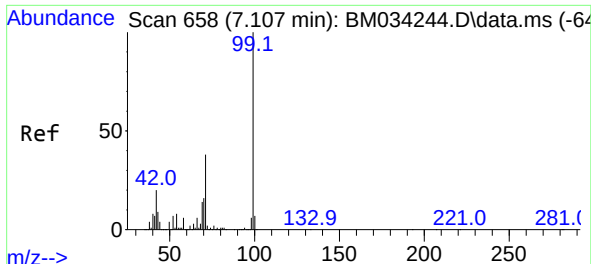
Reviewed By :Christian Giraldo 03/23/2022
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#6
Aniline
Concen: 8.132 ng
RT: 7.260 min Scan# 684
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

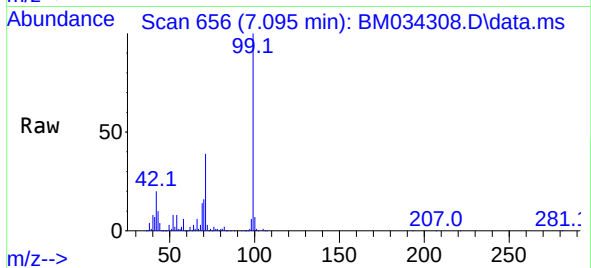
Tgt Ion: 93 Resp: 95690
Ion Ratio Lower Upper
93 100
66 40.7 31.9 47.9
65 21.1 16.2 24.4





#7
Phenol-d6
Concen: 119.143 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

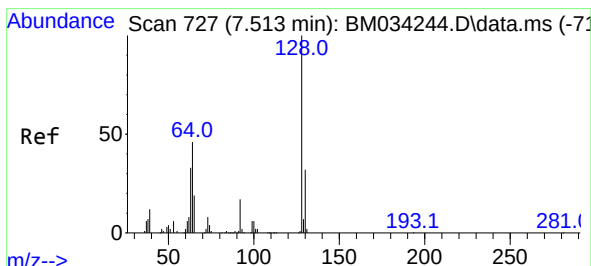
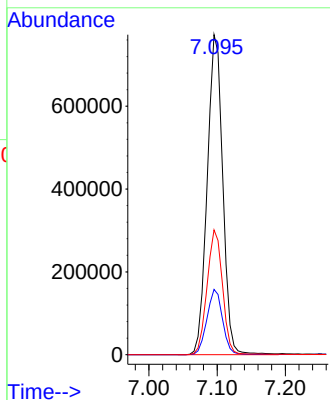
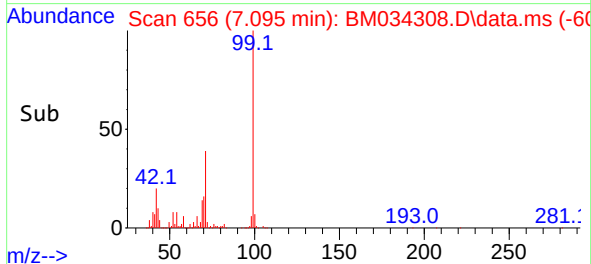
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Tgt Ion: 99 Resp: 122680
Ion Ratio Lower Upper
99 100
42 20.4 15.6 23.4
71 39.0 30.6 46.0

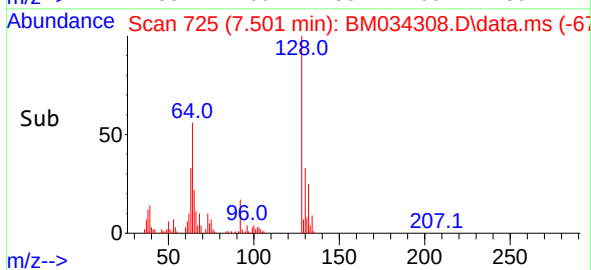
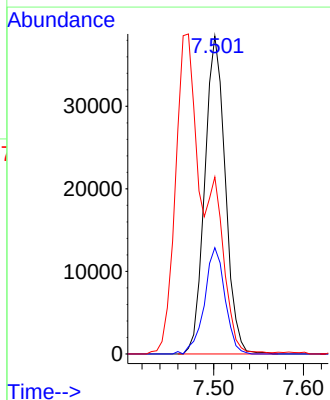
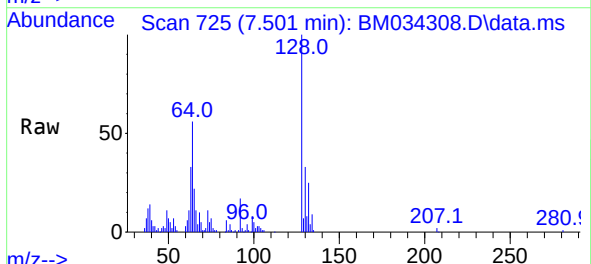
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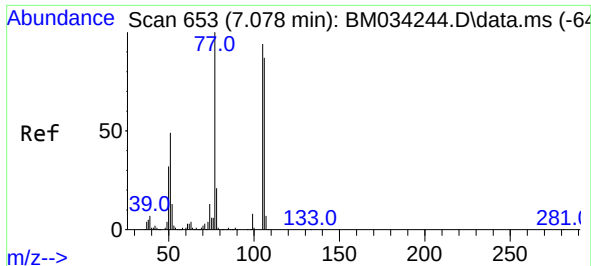
Reviewed By :Christian Giraldo 03/23/2022
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#8
2-Chlorophenol
Concen: 7.272 ng
RT: 7.501 min Scan# 725
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

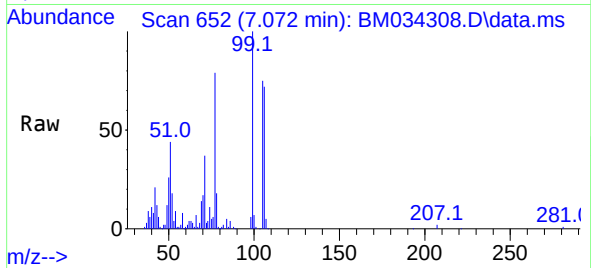
Tgt Ion:128 Resp: 61171
Ion Ratio Lower Upper
128 100
130 33.4 12.3 52.3
64 55.7 28.1 68.1





#9
Benzaldehyde
Concen: 10.769 ng m
RT: 7.072 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

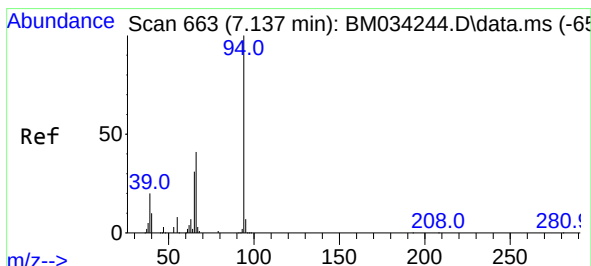
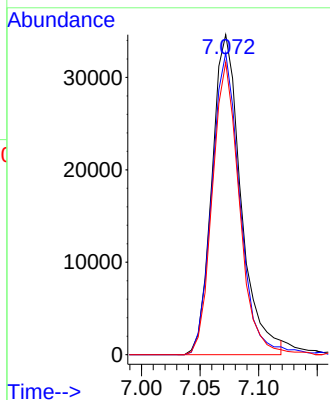
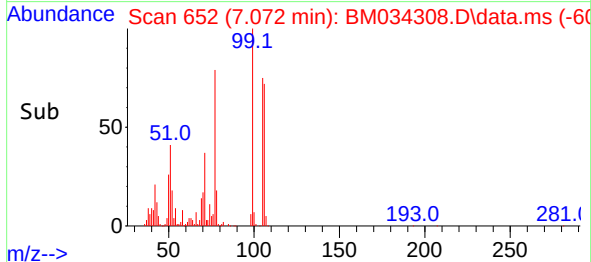
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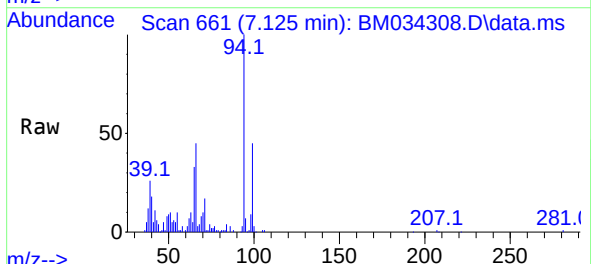
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Ion Ratio Lower Upper
77 100
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106 91.4 67.2 107.2

Manual Integrations
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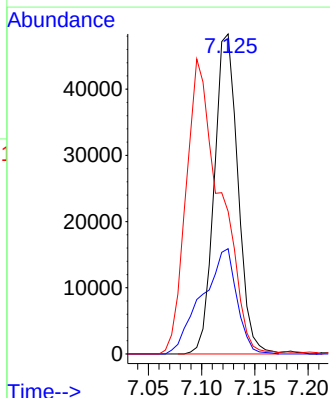
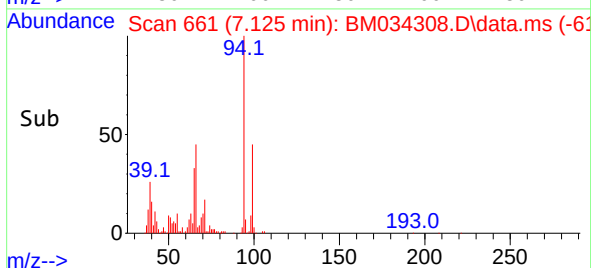
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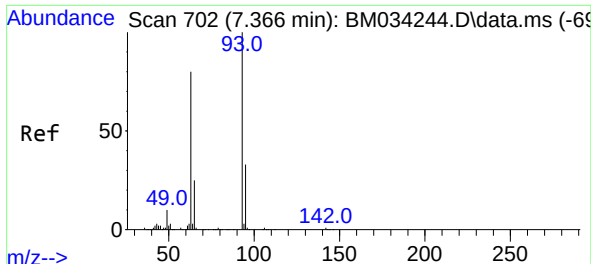


#10
Phenol
Concen: 7.291 ng
RT: 7.125 min Scan# 661
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



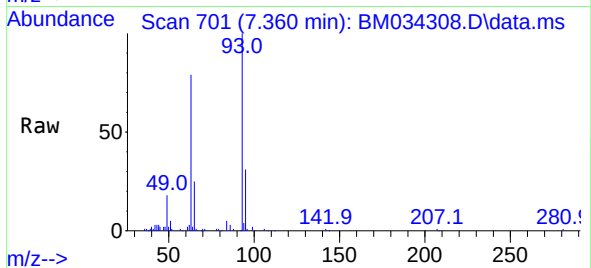
Tgt Ion: 94 Resp: 74669
Ion Ratio Lower Upper
94 100
65 32.9 10.9 50.9
66 44.5 22.0 62.0





#11
bis(2-Chloroethyl)ether
Concen: 7.482 ng
RT: 7.360 min Scan# 702
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

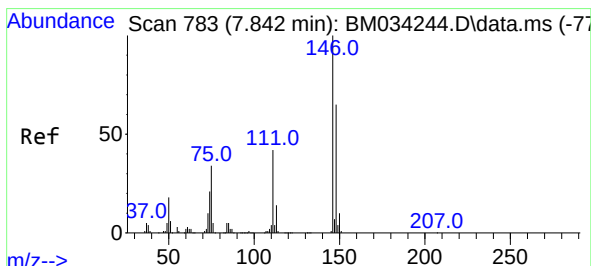
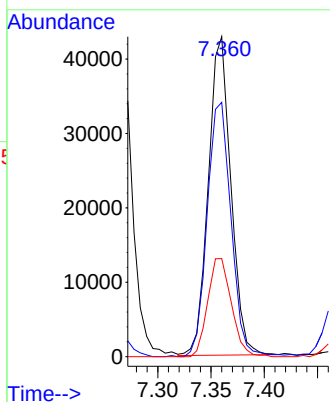
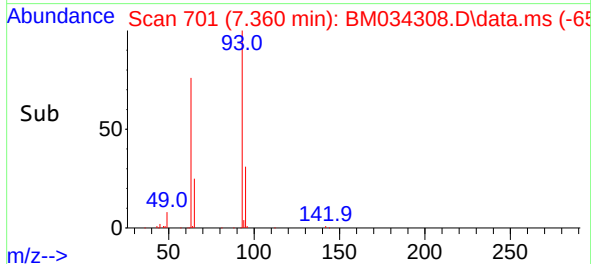
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion: 93 Resp: 62894
Ion Ratio Lower Upper
93 100
63 79.5 59.6 99.6
95 30.7 12.6 52.6

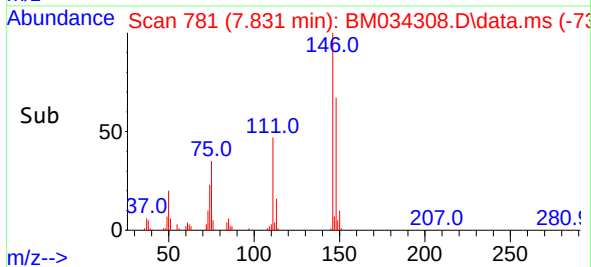
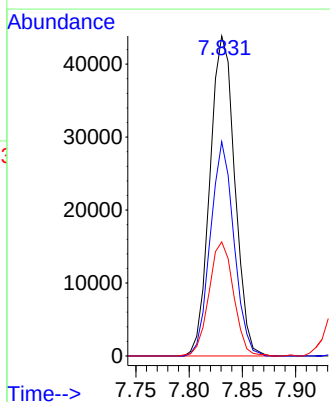
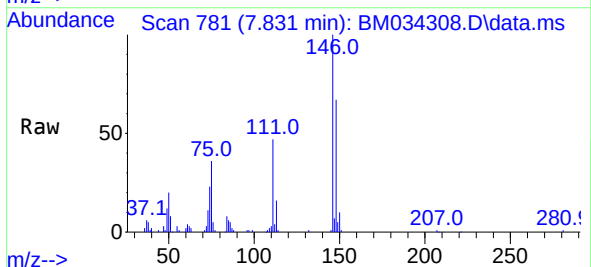
Manual Integrations
APPROVED

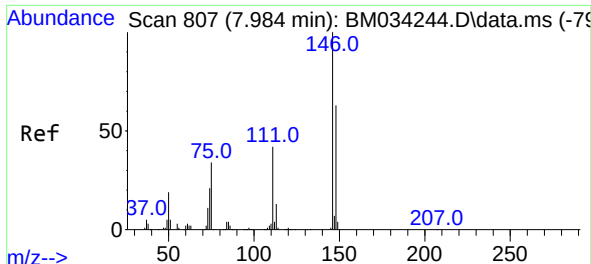
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#12
1,3-Dichlorobenzene
Concen: 7.439 ng
RT: 7.831 min Scan# 781
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

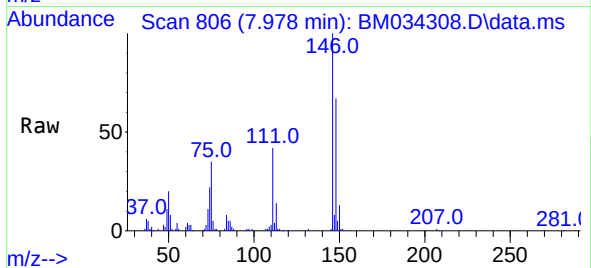
Tgt Ion:146 Resp: 70977
Ion Ratio Lower Upper
146 100
148 67.0 51.8 77.8
75 35.6 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 7.387 ng
RT: 7.978 min Scan# 807
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

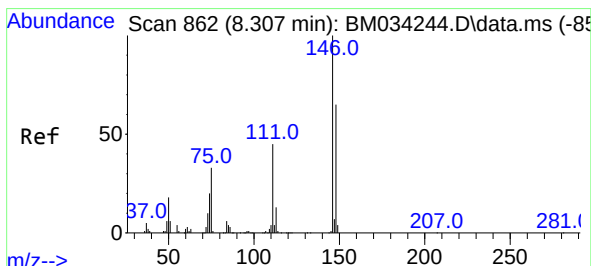
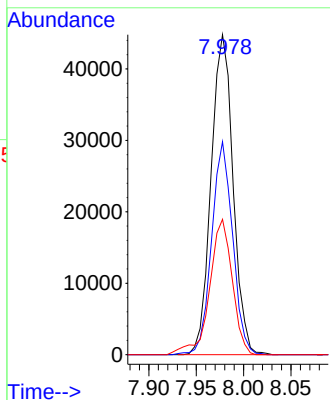
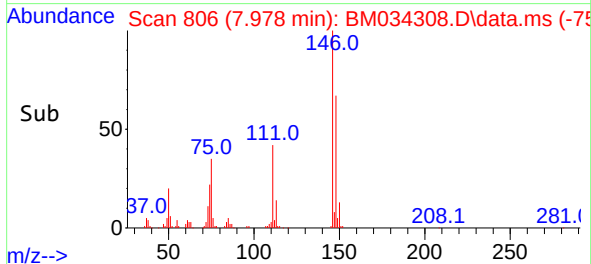
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



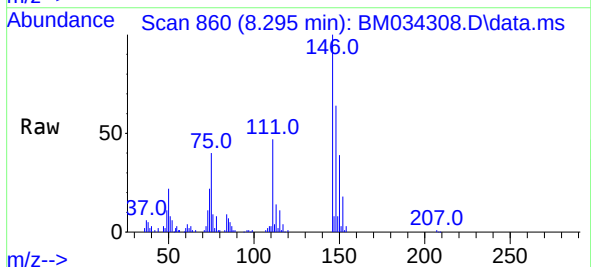
Tgt Ion:146 Resp: 7215
Ion Ratio Lower Upper
146 100
148 66.6 50.6 76.0
111 42.3 34.0 51.0

Manual Integrations
APPROVED

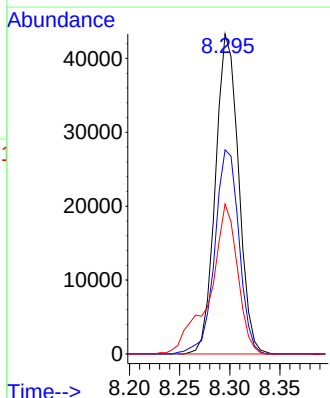
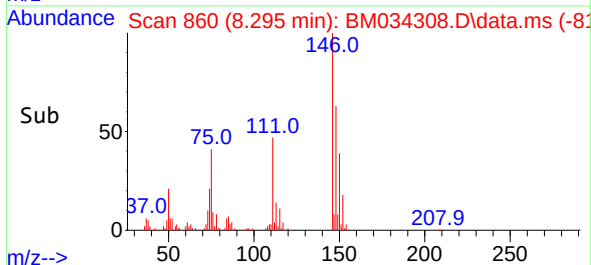
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

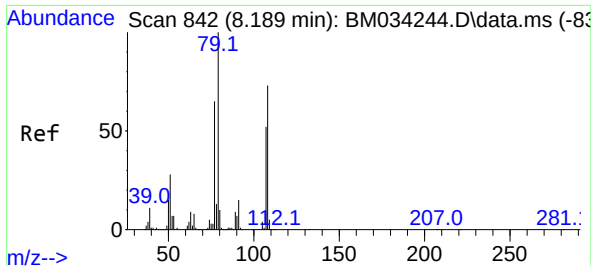


#14
1,2-Dichlorobenzene
Concen: 7.277 ng
RT: 8.295 min Scan# 860
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



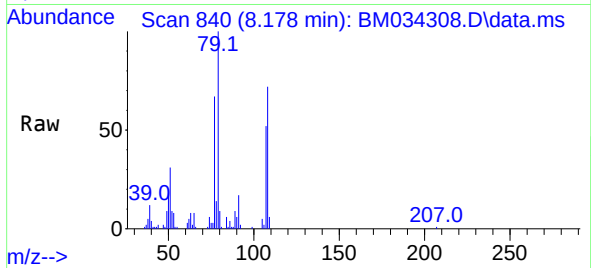
Tgt Ion:146 Resp: 69295
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 46.8 35.8 53.8





#15
Benzyl Alcohol
Concen: 6.759 ng
RT: 8.178 min Scan# 842
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

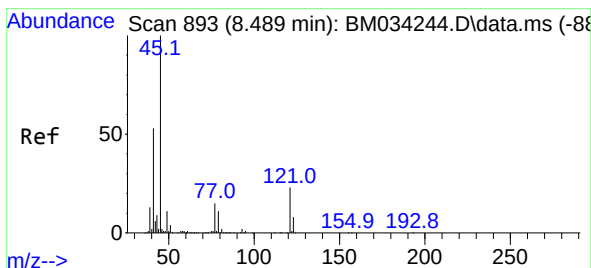
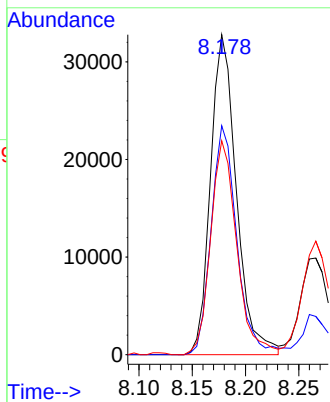
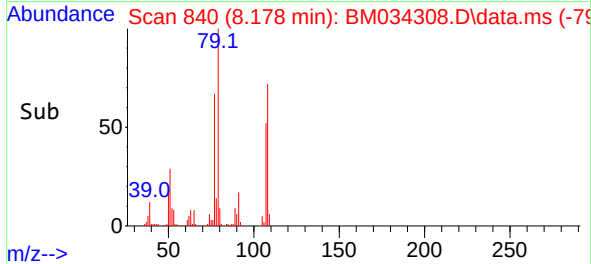
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion: 79 Resp: 5538
Ion Ratio Lower Upper
79 100
108 71.5 58.1 87.1
77 66.9 51.8 77.6

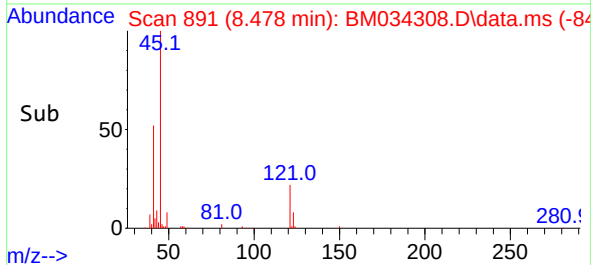
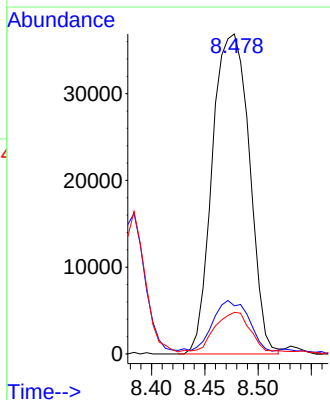
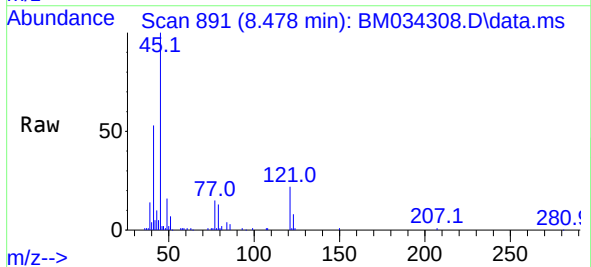
Manual Integrations
APPROVED

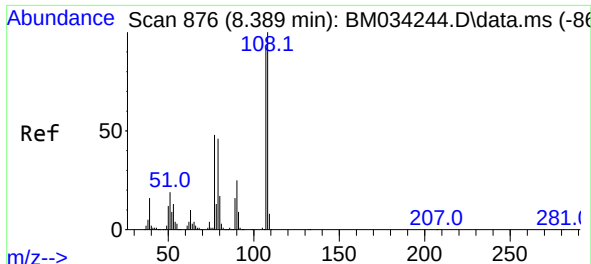
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.722 ng
RT: 8.478 min Scan# 891
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

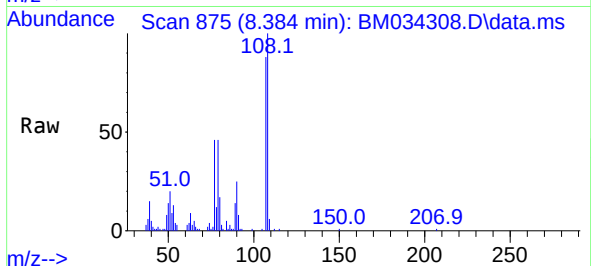
Tgt Ion: 45 Resp: 89076
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.7
79 13.0 0.0 31.7





#17
2-Methylphenol
Concen: 6.971 ng
RT: 8.384 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

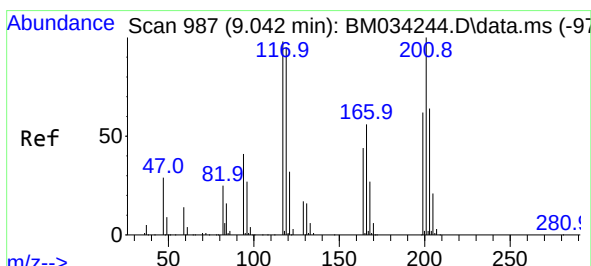
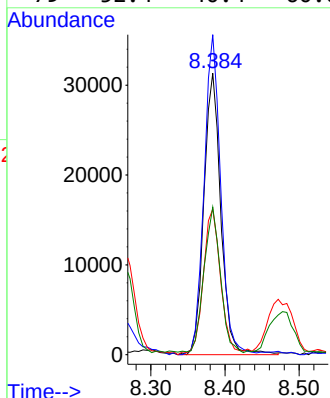
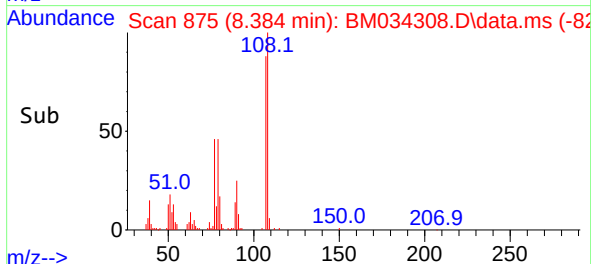


Tgt Ion:107 Resp: 50000

Ion	Ratio	Lower	Upper
107	100		
108	113.7	87.3	130.9
77	51.8	41.6	62.4
79	52.4	40.4	60.6

Manual Integrations
APPROVED

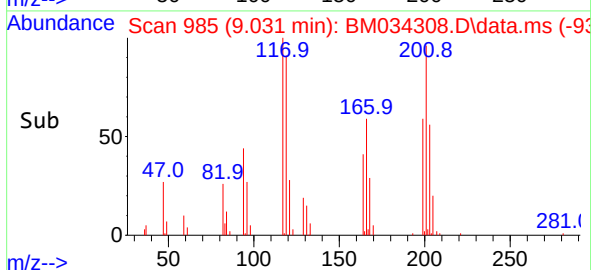
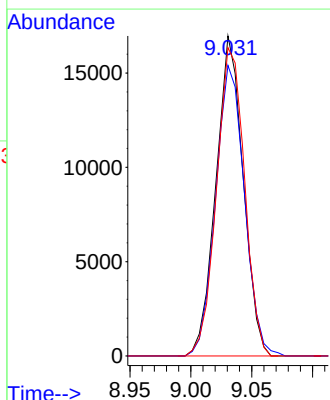
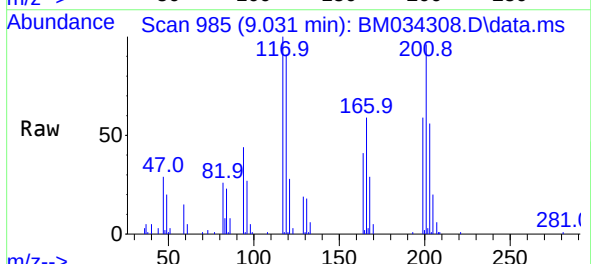
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

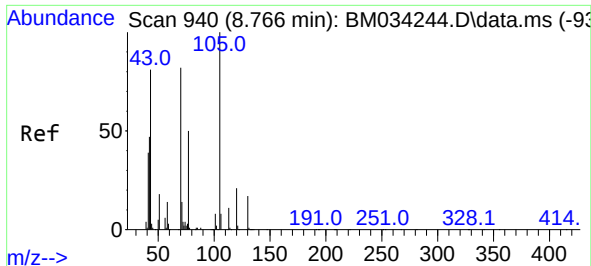


#18
Hexachloroethane
Concen: 7.327 ng
RT: 9.031 min Scan# 985
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:117 Resp: 26398

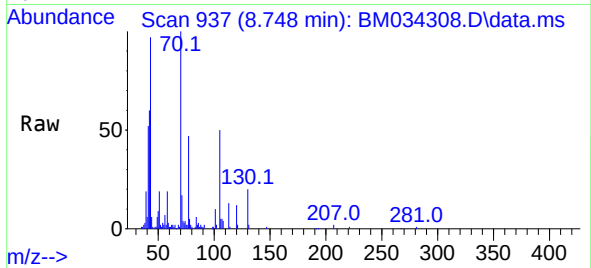
Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.4	116.0
201	96.3	81.6	122.4





#19
n-Nitroso-di-n-propylamine
Concen: 7.366 ng
RT: 8.748 min Scan# 91
Delta R.T. -0.018 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

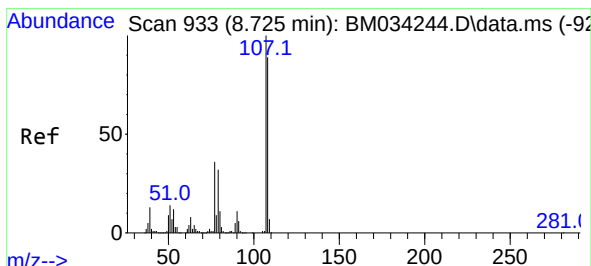
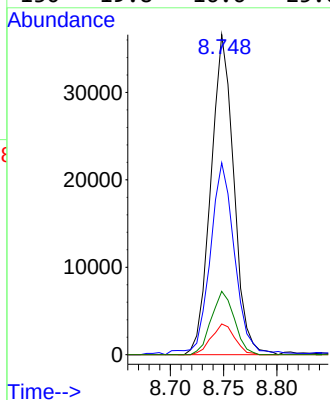
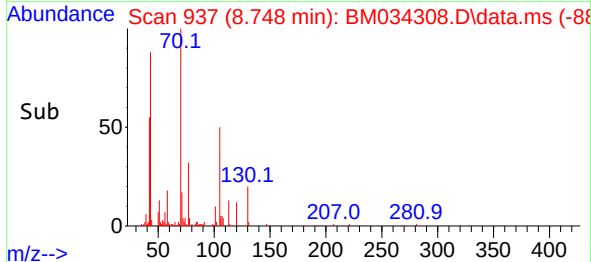
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



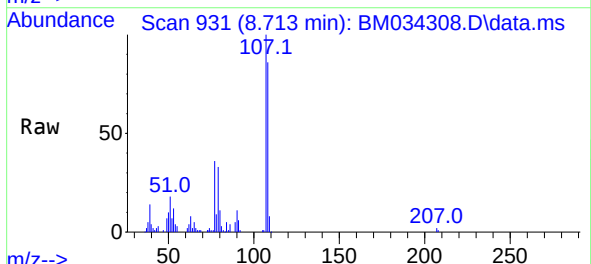
Tgt Ion: 70 Resp: 54860
Ion Ratio Lower Upper
70 100
42 60.0 46.7 70.1
101 9.6 7.8 11.6
130 19.8 16.6 25.0

Manual Integrations
APPROVED

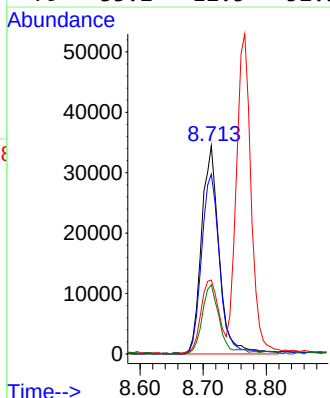
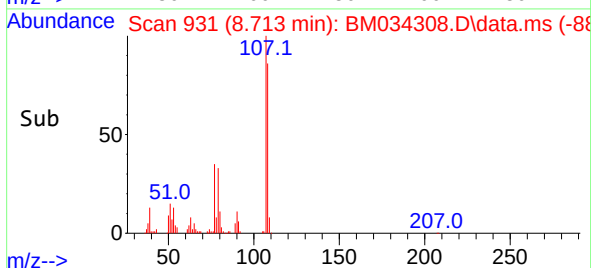
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

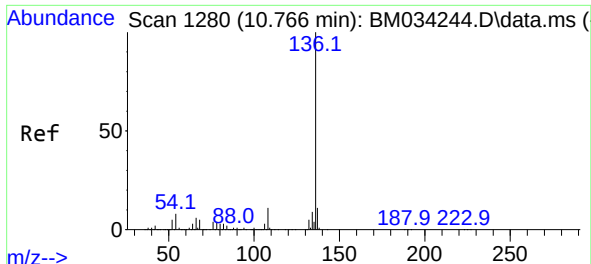


#20
3+4-Methylphenols
Concen: 6.755 ng
RT: 8.713 min Scan# 931
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



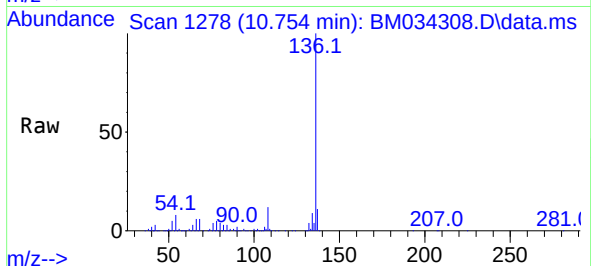
Tgt Ion:107 Resp: 67009
Ion Ratio Lower Upper
107 100
108 86.4 69.2 109.2
77 35.5 16.5 56.5
79 33.2 12.5 52.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.754 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

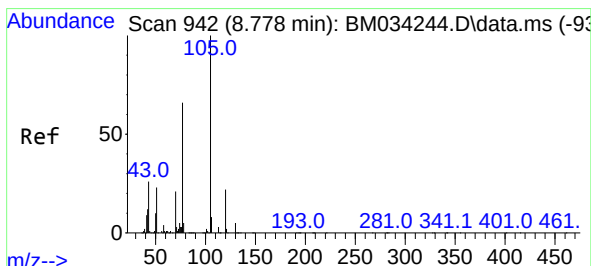
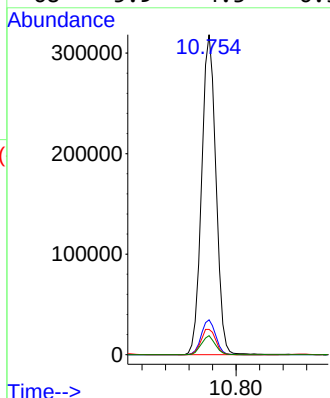
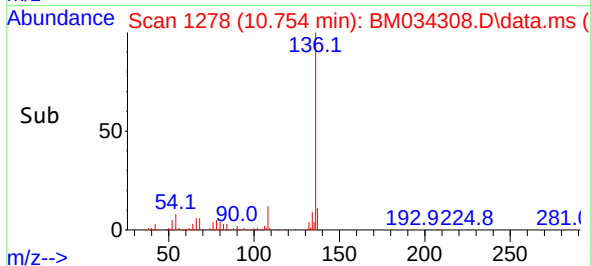
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



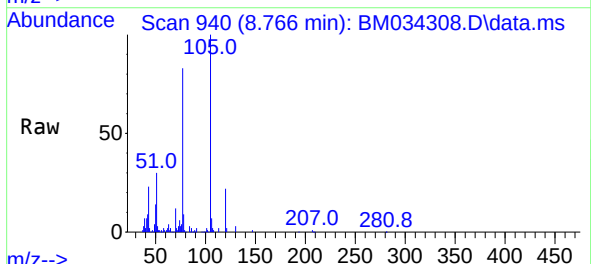
Tgt Ion:136 Resp: 538240
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.9 6.2 9.4
68 5.9 4.3 6.5

Manual Integrations
APPROVED

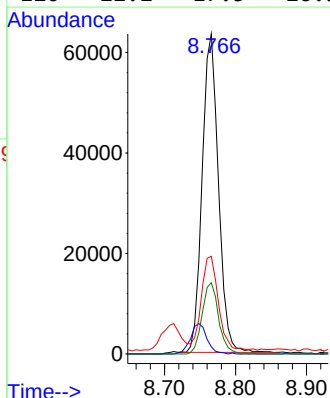
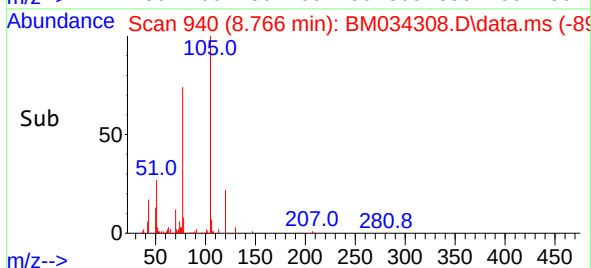
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

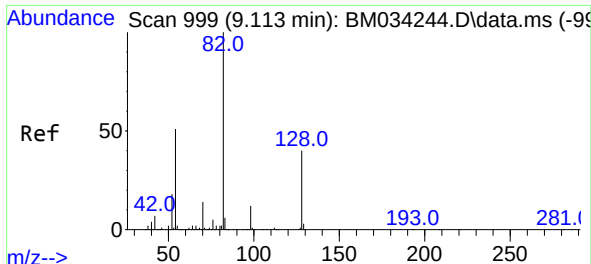


#22
Acetophenone
Concen: 7.307 ng
RT: 8.766 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



Tgt Ion:105 Resp: 100933
Ion Ratio Lower Upper
105 100
71 2.3 3.0 4.4#
51 30.5 22.6 33.8
120 22.2 17.5 26.3





#23

Nitrobenzene-d5

Concen: 85.619 ng

RT: 9.101 min Scan# 94653

Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

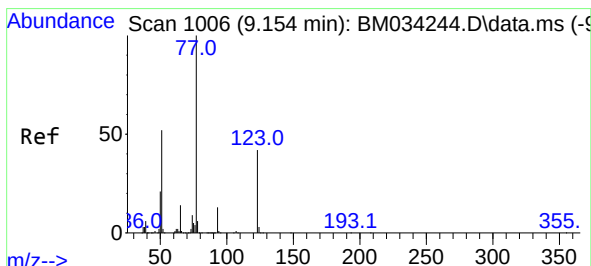
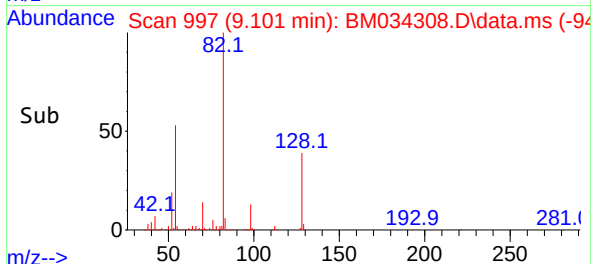
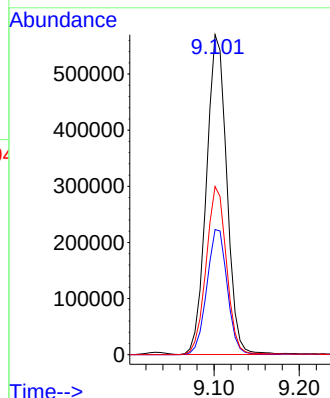
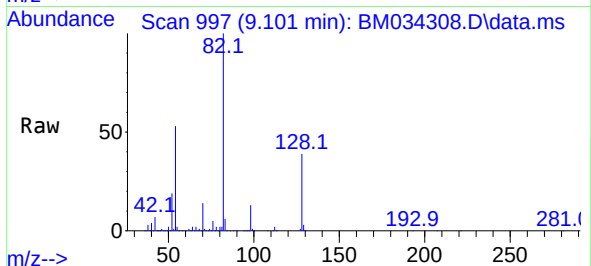
MDL-WATER-03-QT4-2021

Tgt Ion: 82 Resp: 94653
 Ion Ratio Lower Upper
 82 100
 128 39.1 31.9 47.9
 54 52.6 40.6 61.0

Manual Integrations

APPROVED

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



#24

Nitrobenzene

Concen: 8.063 ng

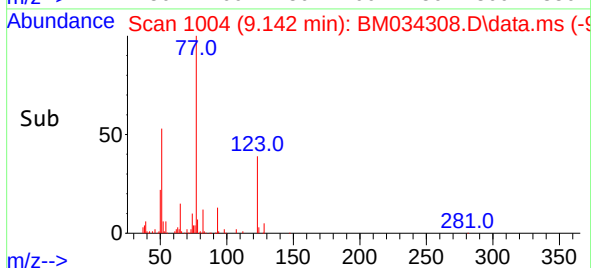
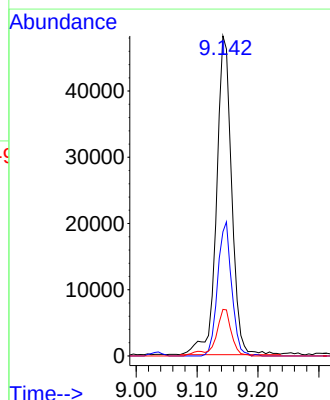
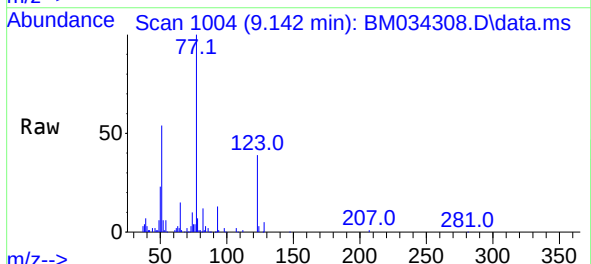
RT: 9.142 min Scan# 1004

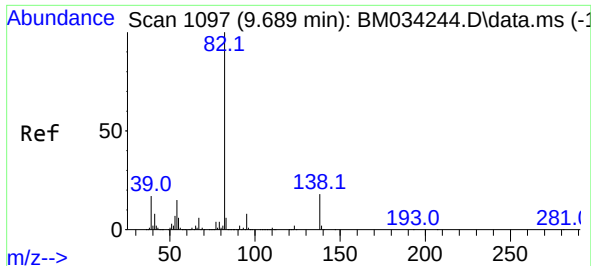
Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

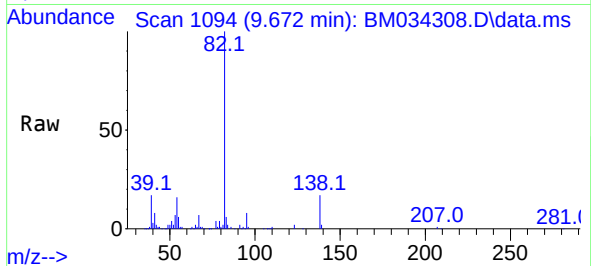
Tgt Ion: 77 Resp: 83223
 Ion Ratio Lower Upper
 77 100
 123 38.8 33.3 49.9
 65 14.6 11.0 16.4





#25
Isophorone
Concen: 7.875 ng
RT: 9.672 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

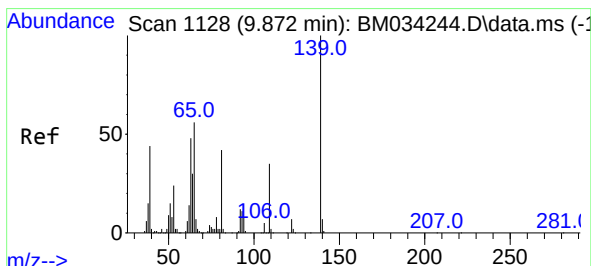
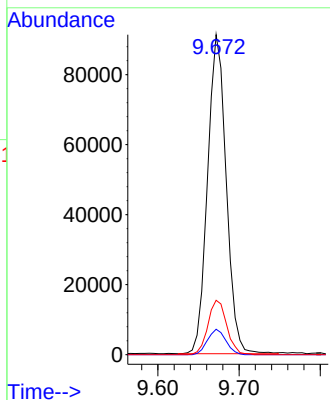
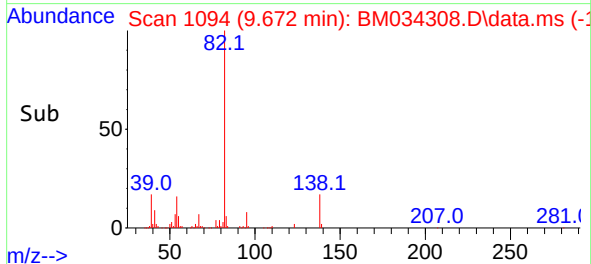
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



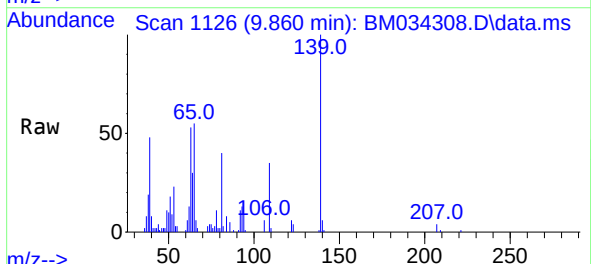
Tgt Ion: 82 Resp: 145680
Ion Ratio Lower Upper
82 100
95 7.9 6.6 9.8
138 17.0 14.4 21.6

Manual Integrations
APPROVED

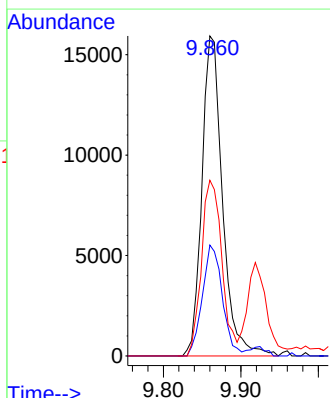
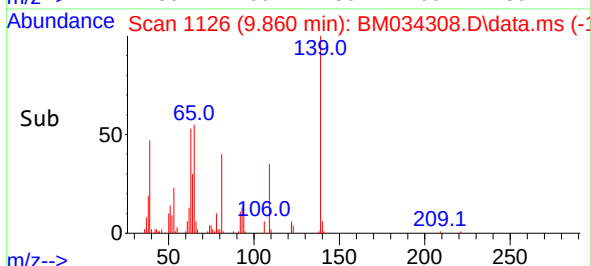
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

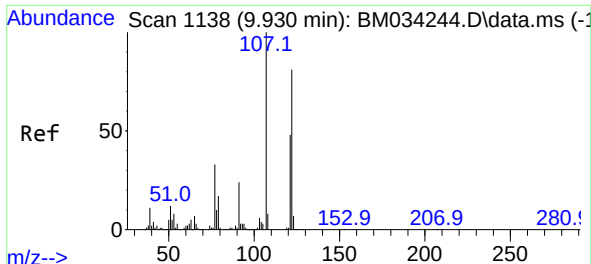


#26
2-Nitrophenol
Concen: 6.428 ng
RT: 9.860 min Scan# 1126
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



Tgt Ion:139 Resp: 29424
Ion Ratio Lower Upper
139 100
109 34.7 28.1 42.1
65 54.9 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 7.944 ng

RT: 9.919 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BM034308.D

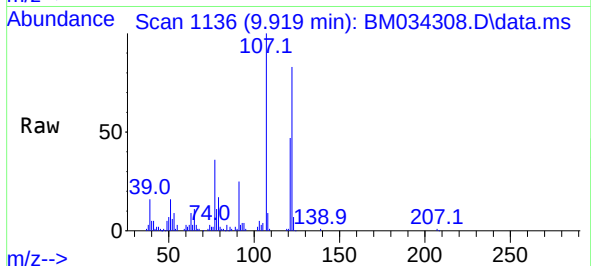
Acq: 22 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:122 Resp: 56940

Ion Ratio Lower Upper

122 100

107 120.8 99.0 148.6

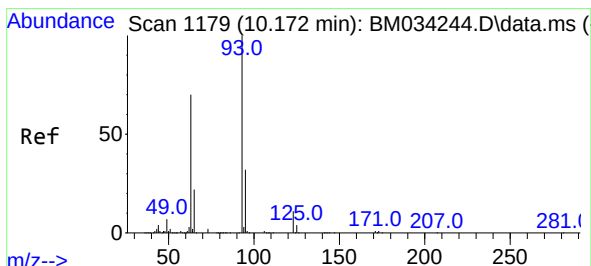
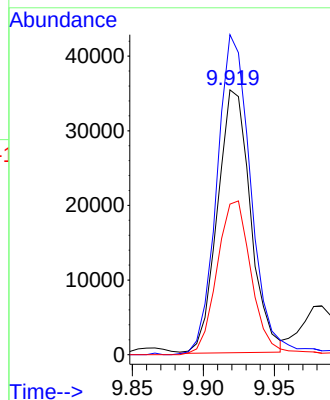
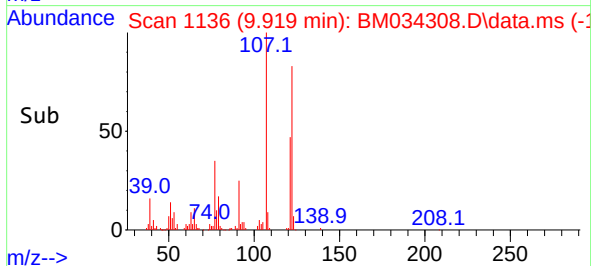
121 56.8 47.7 71.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#28

bis(2-Chloroethoxy)methane

Concen: 7.354 ng

RT: 10.160 min Scan# 1177

Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

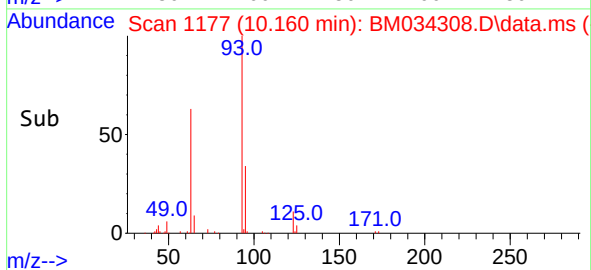
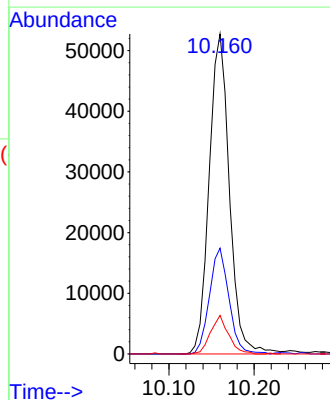
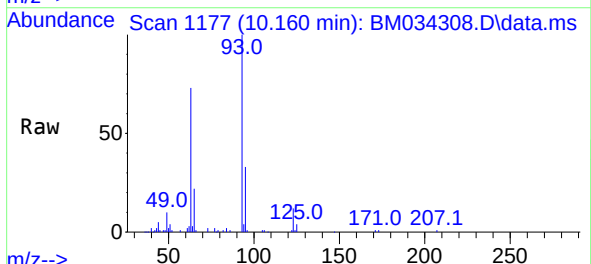
Tgt Ion: 93 Resp: 87096

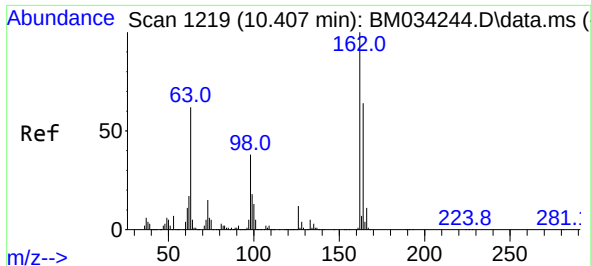
Ion Ratio Lower Upper

93 100

95 33.0 26.0 39.0

123 12.0 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 6.592 ng

RT: 10.395 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BM034308.D

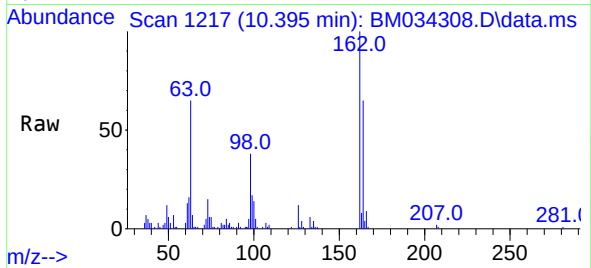
Acq: 22 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:162 Resp: 54890

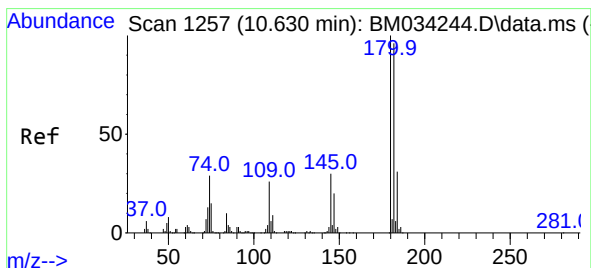
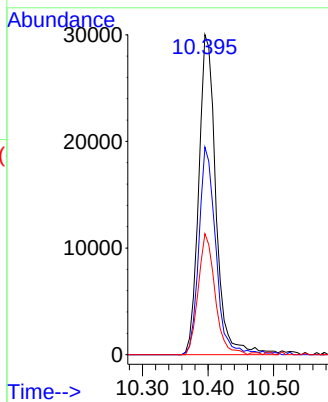
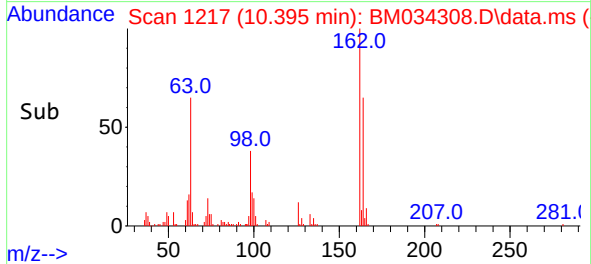
Ion	Ratio	Lower	Upper
162	100		
164	64.8	43.9	83.9
98	37.8	17.6	57.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#30

1,2,4-Trichlorobenzene

Concen: 7.227 ng

RT: 10.619 min Scan# 1255

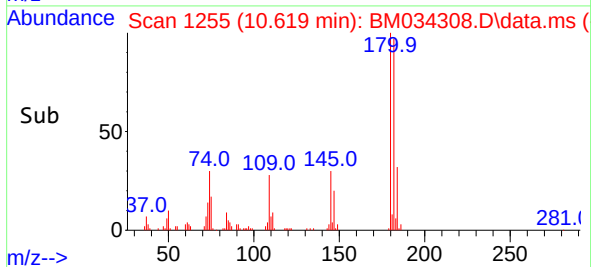
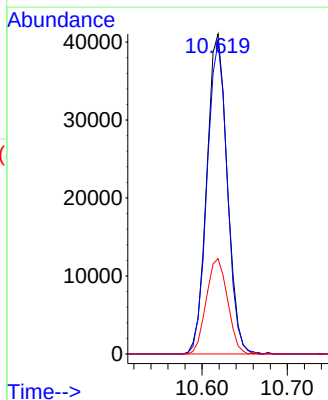
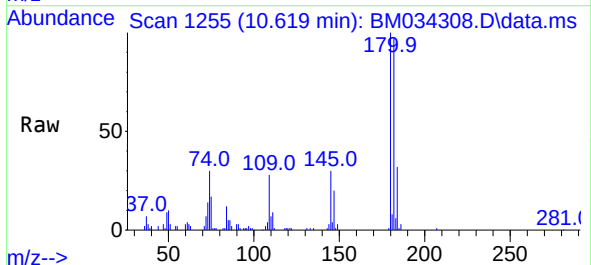
Delta R.T. -0.012 min

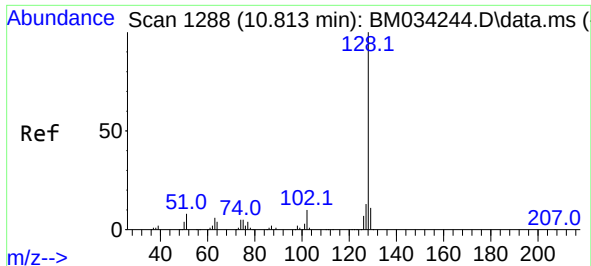
Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

Tgt Ion:180 Resp: 68414

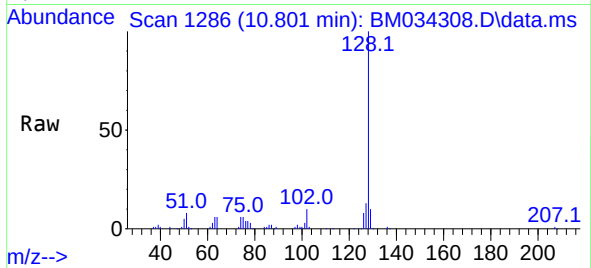
Ion	Ratio	Lower	Upper
180	100		
182	97.4	77.0	115.4
145	29.8	23.7	35.5





#31
Naphthalene
Concen: 7.440 ng
RT: 10.801 min Scan# 1147
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

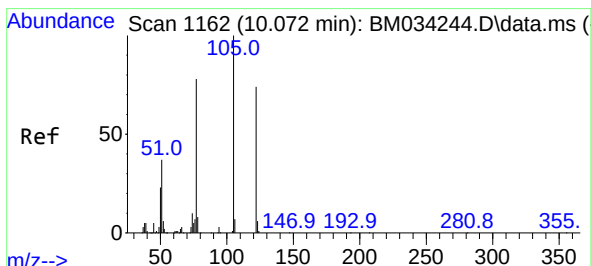
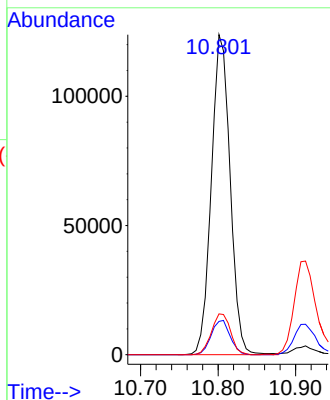
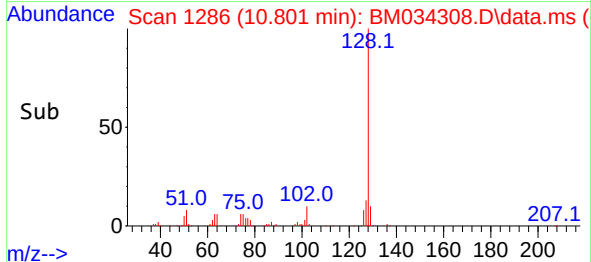
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



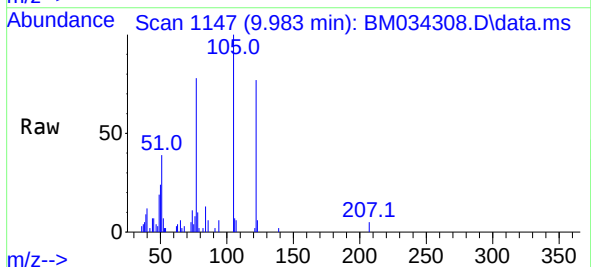
Tgt Ion:128 Resp: 208628
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.7 10.2 15.4

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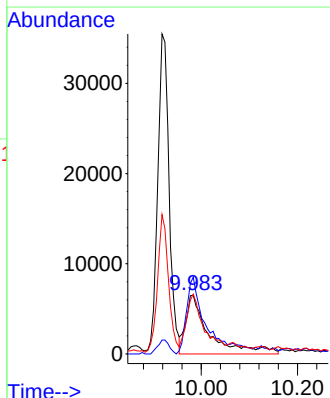
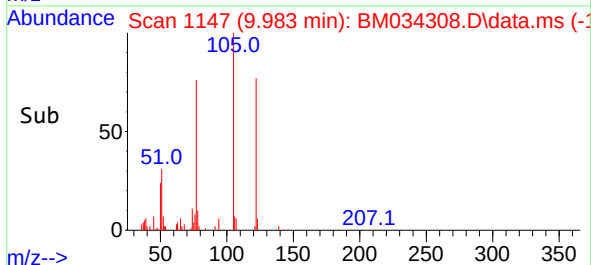
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

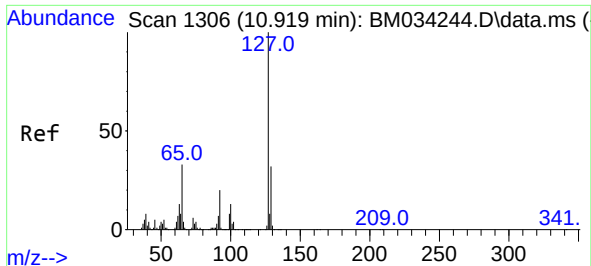


#32
Benzoic acid
Concen: 3.778 ng m
RT: 9.983 min Scan# 1147
Delta R.T. -0.089 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



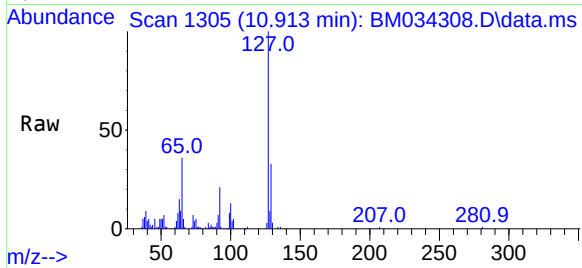
Tgt Ion:122 Resp: 22389
Ion Ratio Lower Upper
122 100
105 130.6 109.6 149.6
77 101.9 83.1 123.1





#33
4-Chloroaniline
Concen: 6.831 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

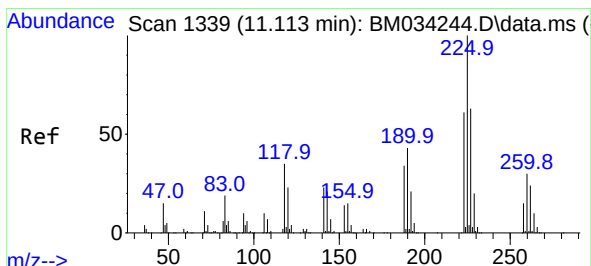
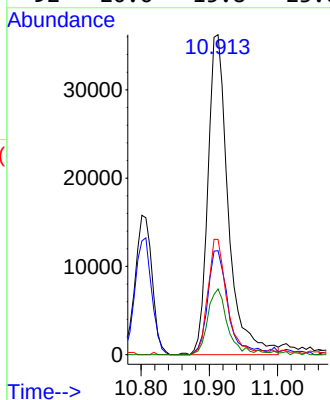
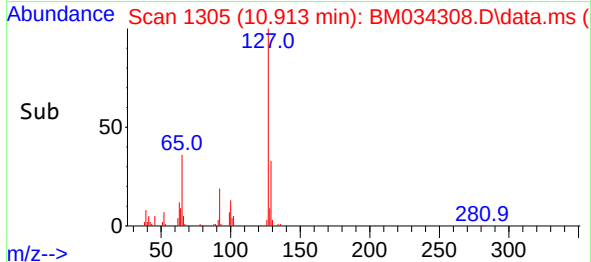
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



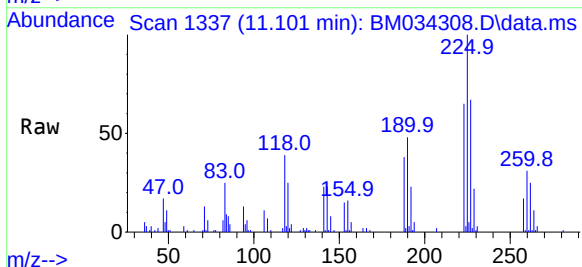
Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.4	38.2
65	36.0	26.2	39.2
92	20.6	15.8	23.6

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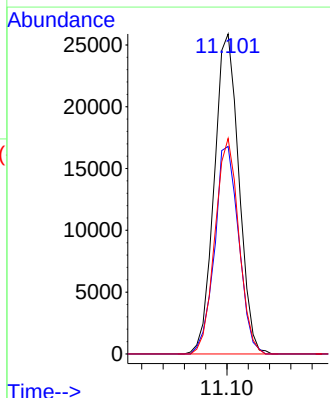
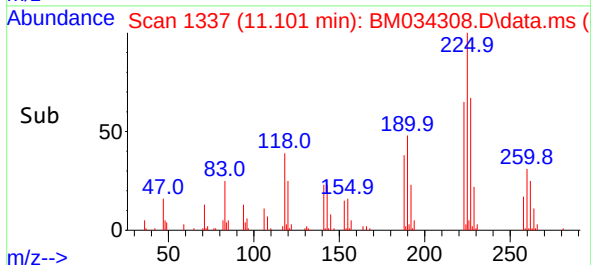
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

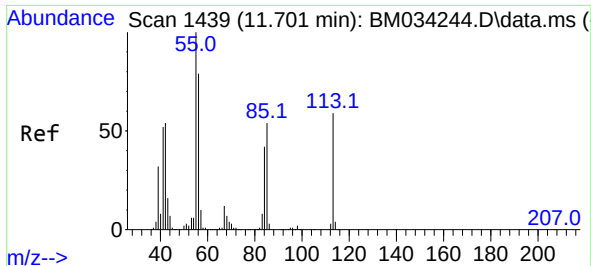


#34
Hexachlorobutadiene
Concen: 6.901 ng
RT: 11.101 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



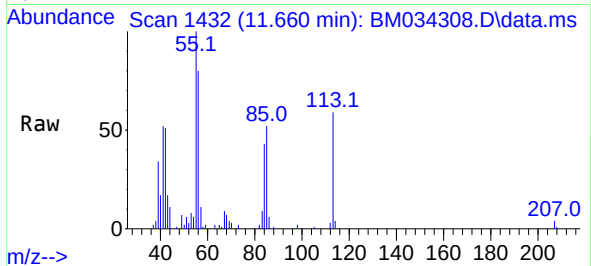
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	49.0	73.4
227	67.4	50.2	75.2





#35
Caprolactam
Concen: 6.546 ng m
RT: 11.660 min Scan# 1439
Delta R.T. -0.041 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

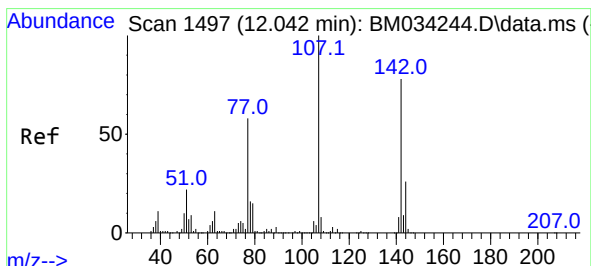
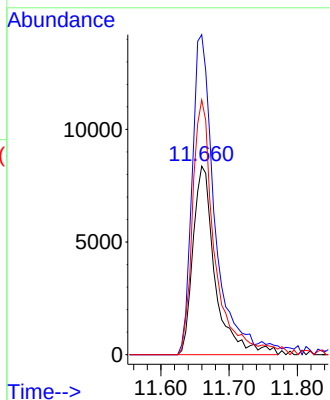
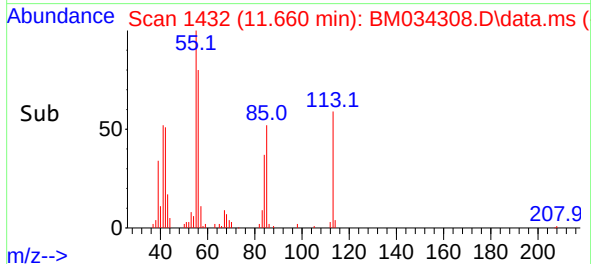
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:113 Resp: 18950
Ion Ratio Lower Upper
113 100
55 169.7 148.9 188.9
56 135.1 113.3 153.3

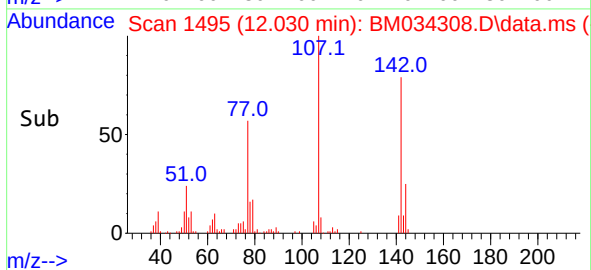
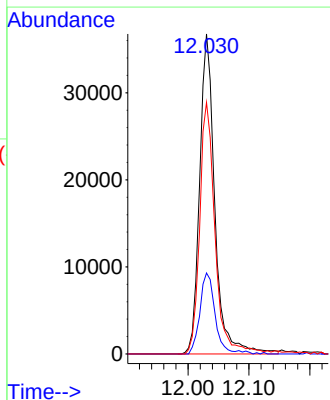
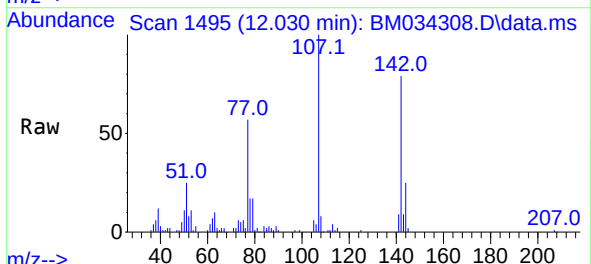
Manual Integrations
APPROVED

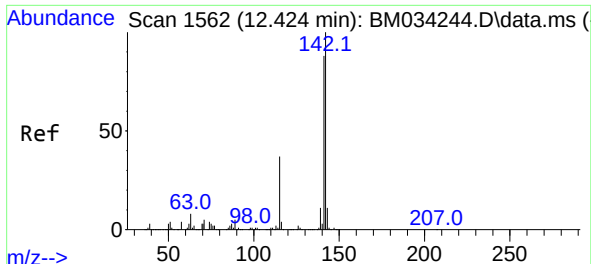
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#36
4-Chloro-3-methylphenol
Concen: 6.691 ng
RT: 12.030 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:107 Resp: 63852
Ion Ratio Lower Upper
107 100
144 25.3 20.8 31.2
142 78.6 62.7 94.1





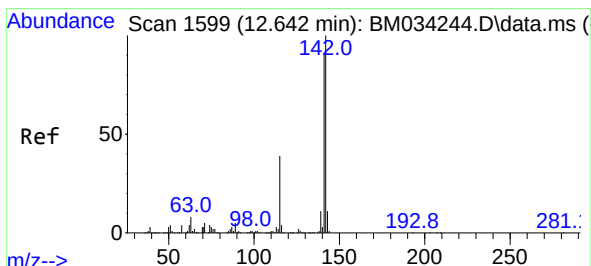
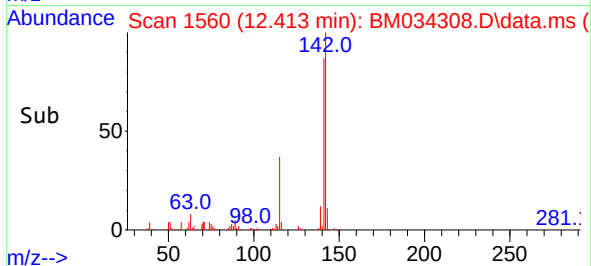
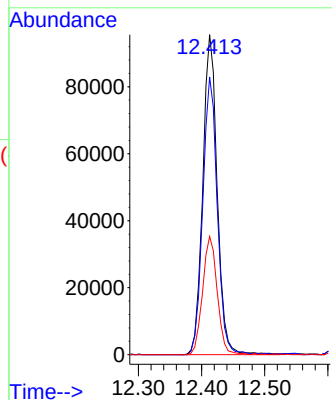
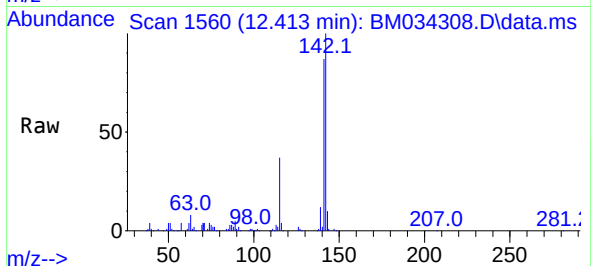
#37
2-Methylnaphthalene
Concen: 7.606 ng
RT: 12.413 min Scan# 1562
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion:142 Resp: 15218
Ion Ratio Lower Upper
142 100
141 86.8 70.1 105.1
115 37.0 29.9 44.9

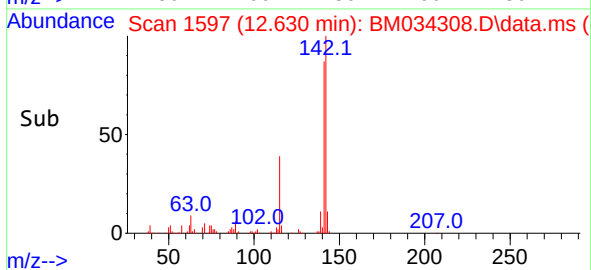
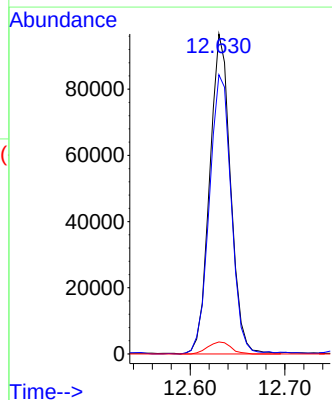
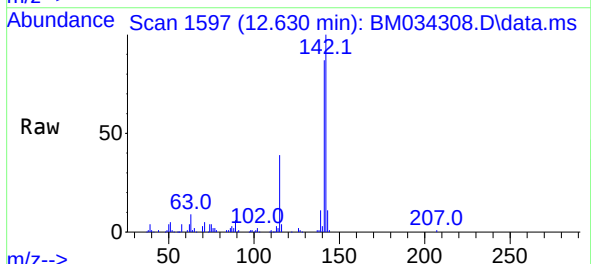
Manual Integrations
APPROVED

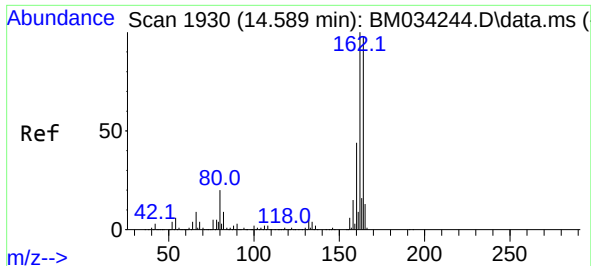
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#38
1-Methylnaphthalene
Concen: 7.568 ng
RT: 12.630 min Scan# 1597
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

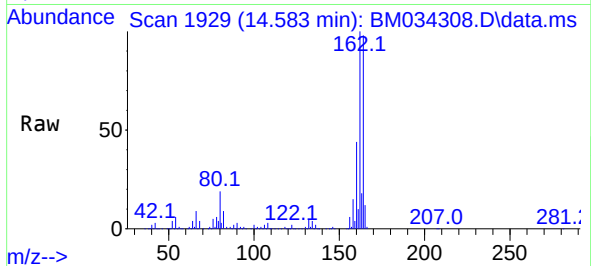
Tgt Ion:142 Resp: 148135
Ion Ratio Lower Upper
142 100
141 87.2 73.0 109.6
116 3.8 3.2 4.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

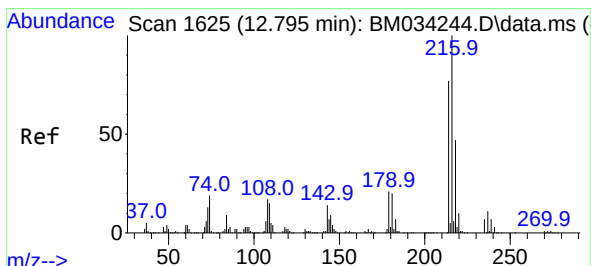
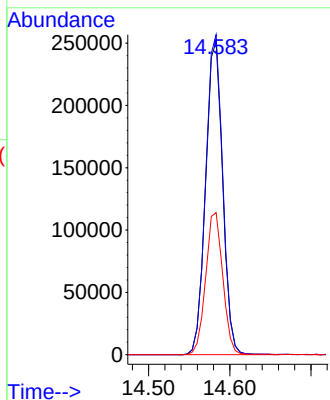
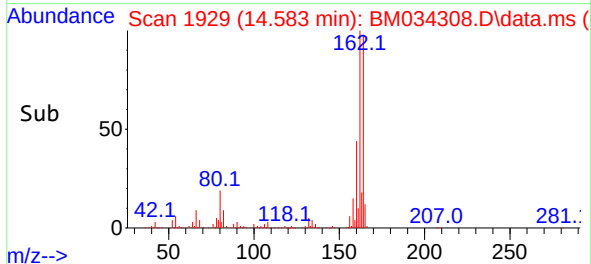
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



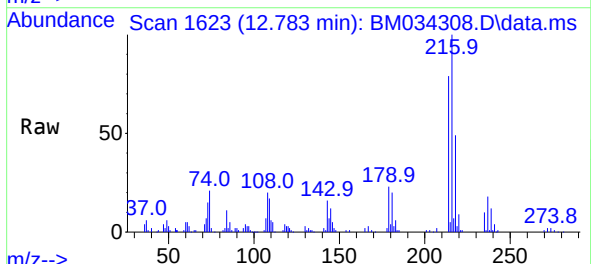
Tgt Ion:164 Resp: 36533
Ion Ratio Lower Upper
164 100
162 102.1 81.6 122.4
160 45.4 35.6 53.4

Manual Integrations
APPROVED

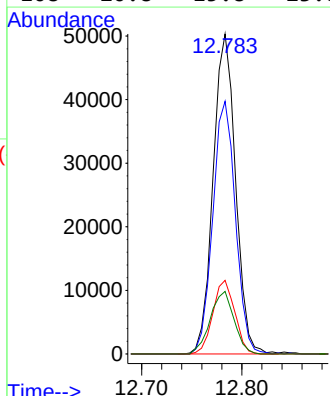
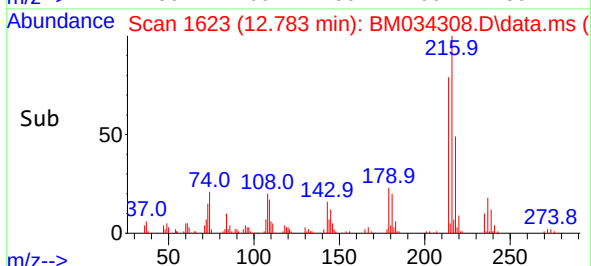
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

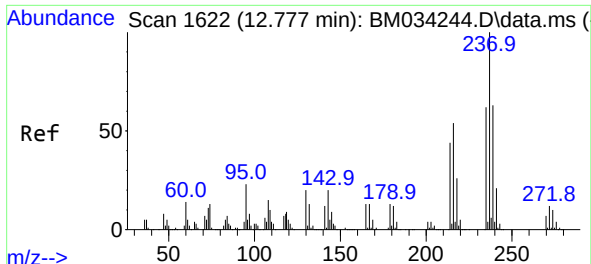


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.090 ng
RT: 12.783 min Scan# 1623
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



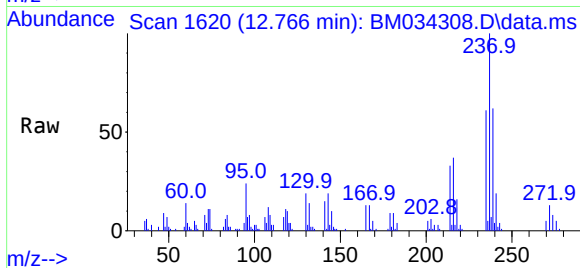
Tgt Ion:216 Resp: 78168
Ion Ratio Lower Upper
216 100
214 79.8 62.7 94.1
179 22.5 17.2 25.8
108 20.8 15.8 23.8





#41
Hexachlorocyclopentadiene
Concen: 7.376 ng
RT: 12.766 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

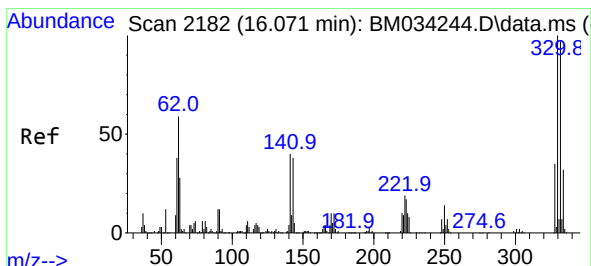
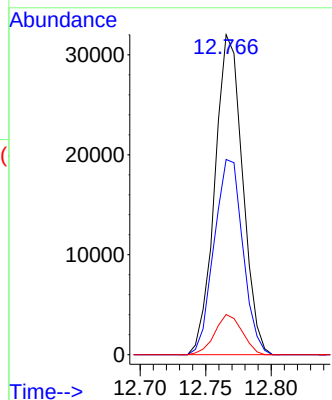
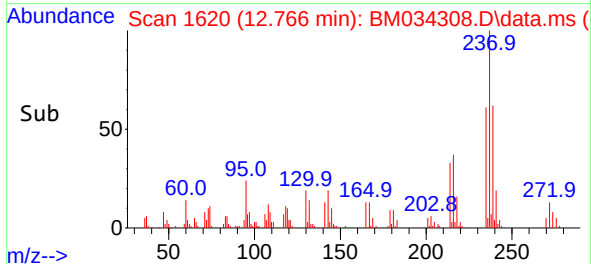
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



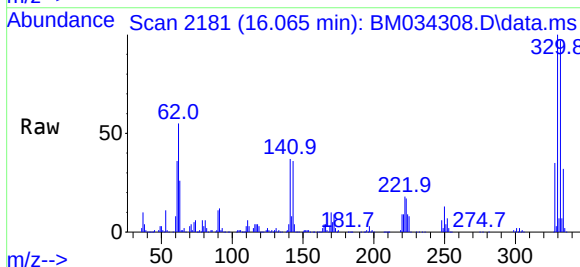
Tgt Ion:237 Resp: 4708
Ion Ratio Lower Upper
237 100
235 61.0 42.1 82.1
272 12.5 0.0 32.3

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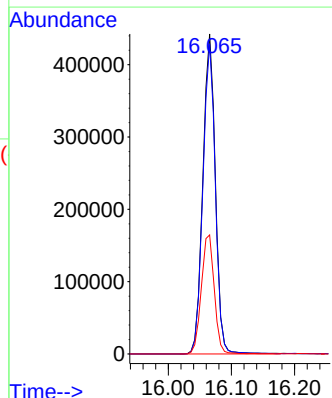
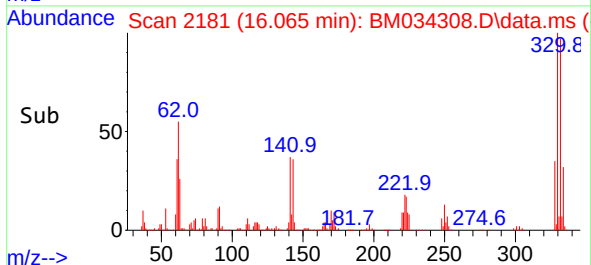
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

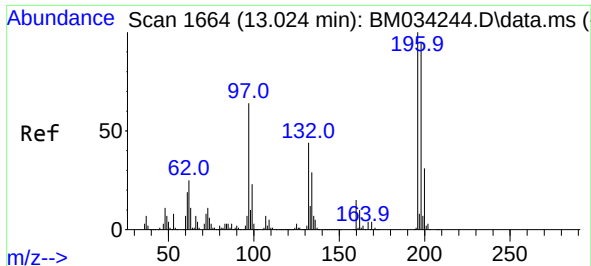


#42
2,4,6-Tribromophenol
Concen: 123.657 ng
RT: 16.065 min Scan# 2181
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



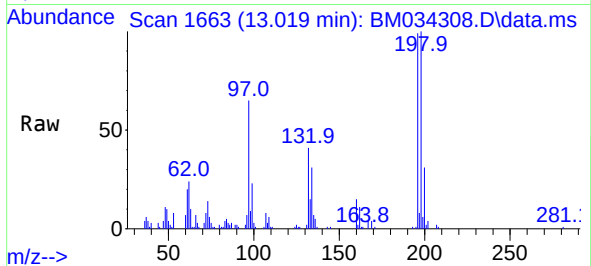
Tgt Ion:330 Resp: 608917
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.4
141 38.6 30.6 45.8





#43
2,4,6-Trichlorophenol
Concen: 6.170 ng
RT: 13.019 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

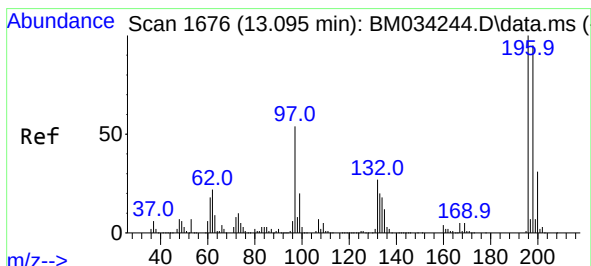
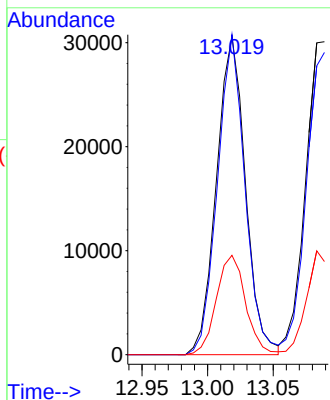
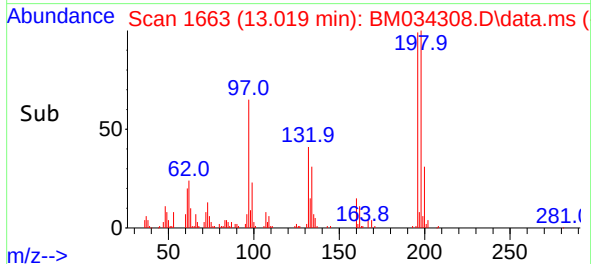
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



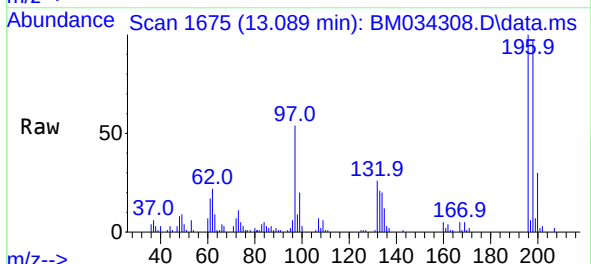
Tgt Ion:196 Resp: 4696
Ion Ratio Lower Upper
196 100
198 100.6 76.1 114.1
200 31.3 24.9 37.3

Manual Integrations
APPROVED

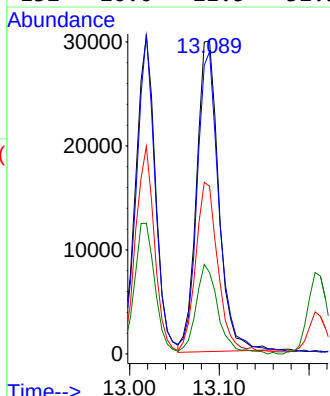
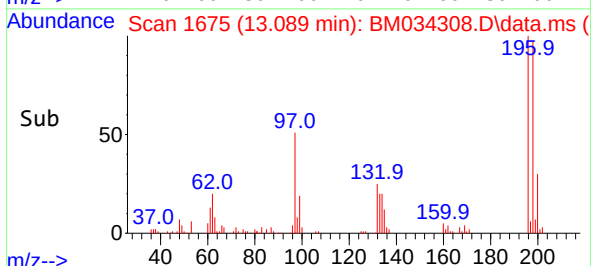
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

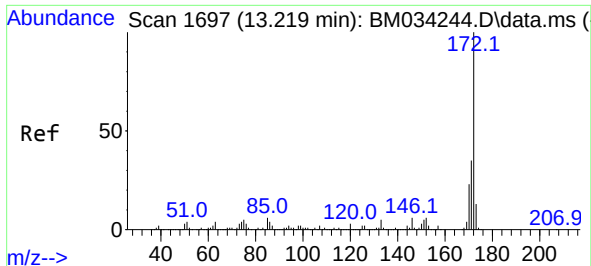


#44
2,4,5-Trichlorophenol
Concen: 6.275 ng
RT: 13.089 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



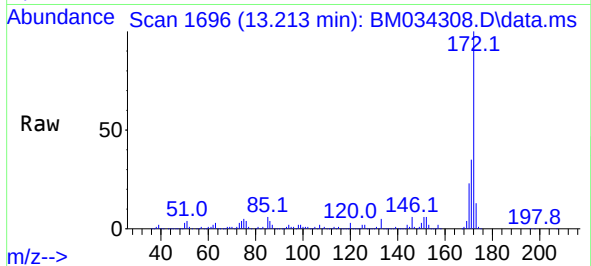
Tgt Ion:196 Resp: 51265
Ion Ratio Lower Upper
196 100
198 96.6 75.9 113.9
97 53.6 43.2 64.8
132 26.0 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 83.733 ng
RT: 13.213 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

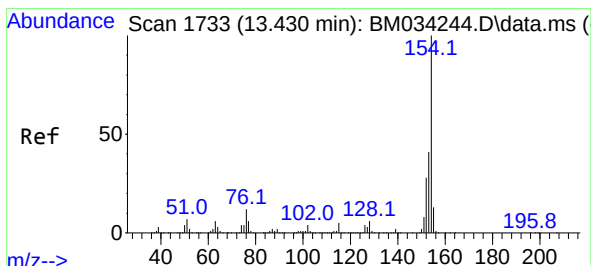
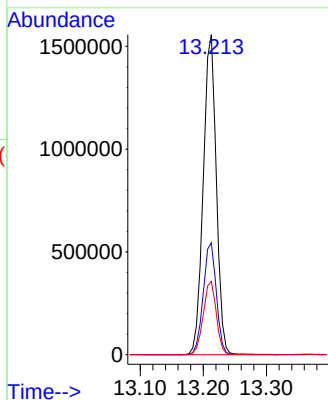
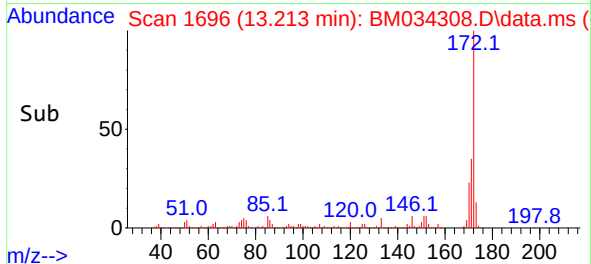
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



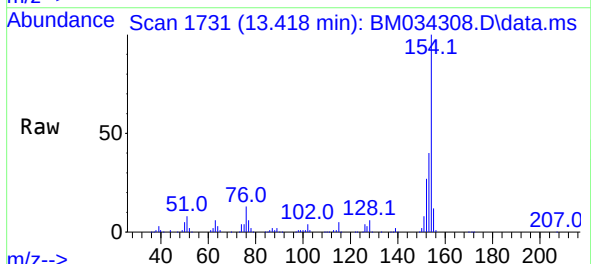
Tgt Ion:172 Resp: 223861
Ion Ratio Lower Upper
172 100
171 35.0 28.0 42.0
170 22.9 18.6 28.0

Manual Integrations
APPROVED

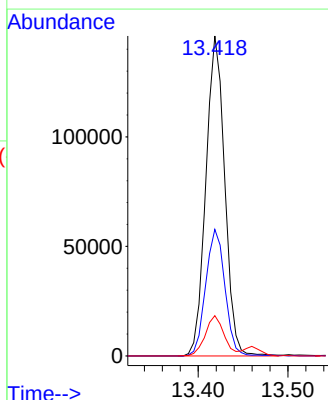
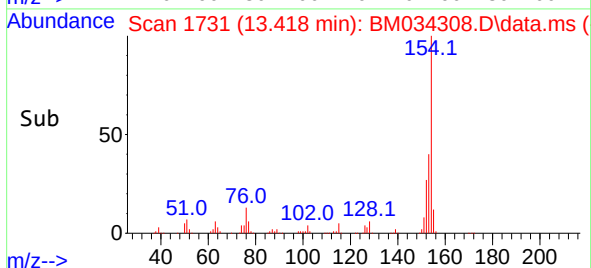
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

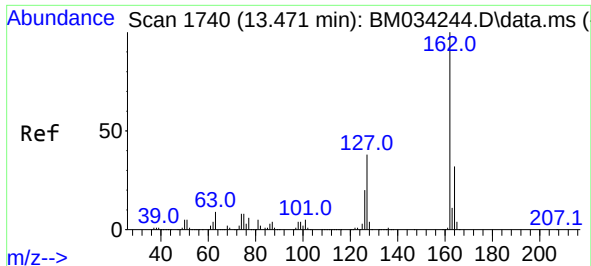


#46
1,1'-Biphenyl
Concen: 7.657 ng
RT: 13.418 min Scan# 1731
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



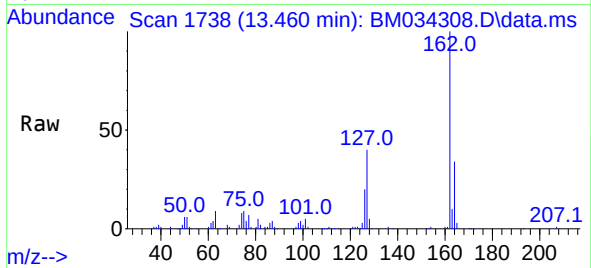
Tgt Ion:154 Resp: 213297
Ion Ratio Lower Upper
154 100
153 39.6 21.0 61.0
76 12.6 0.0 32.1





#47
2-Chloronaphthalene
Concen: 7.261 ng
RT: 13.460 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

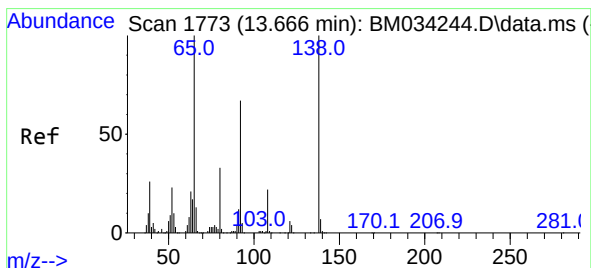
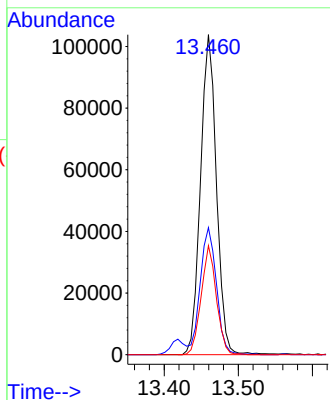
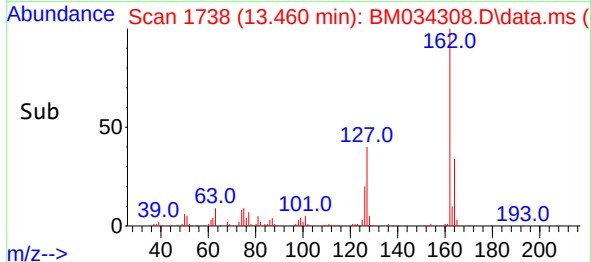
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



Tgt Ion:162 Resp: 155249
Ion Ratio Lower Upper
162 100
127 39.7 30.4 45.6
164 34.0 25.8 38.8

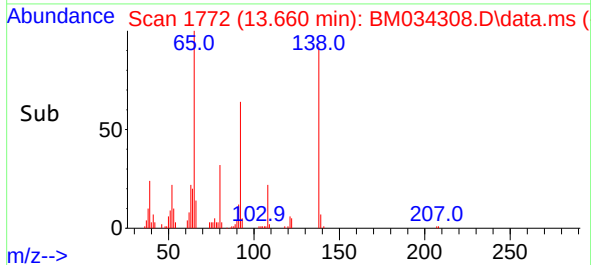
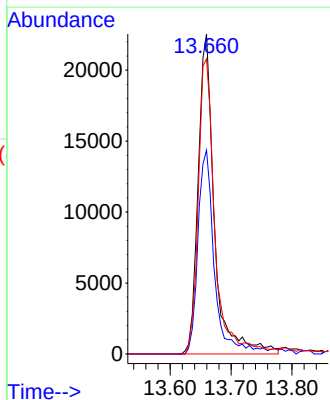
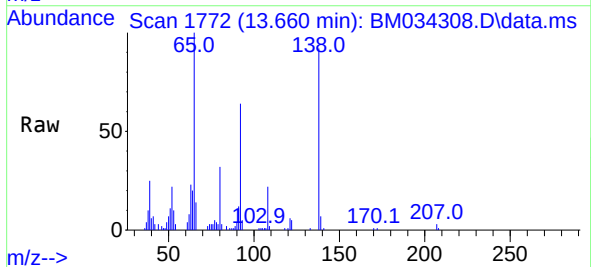
Manual Integrations
APPROVED

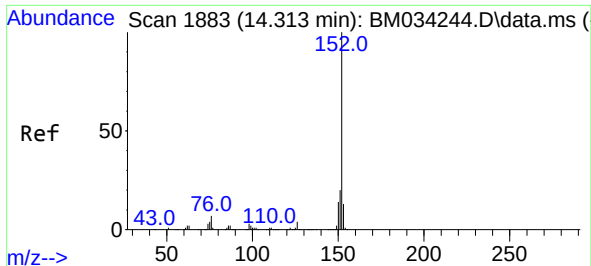
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#48
2-Nitroaniline
Concen: 6.403 ng
RT: 13.660 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion: 65 Resp: 41853
Ion Ratio Lower Upper
65 100
92 63.7 53.8 80.8
138 92.2 79.9 119.9





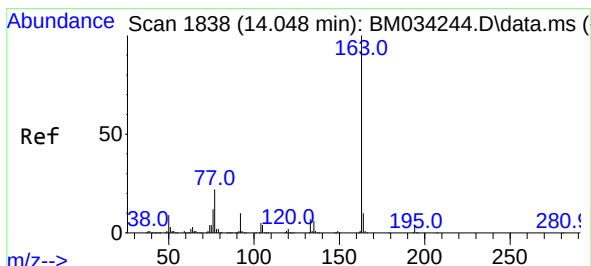
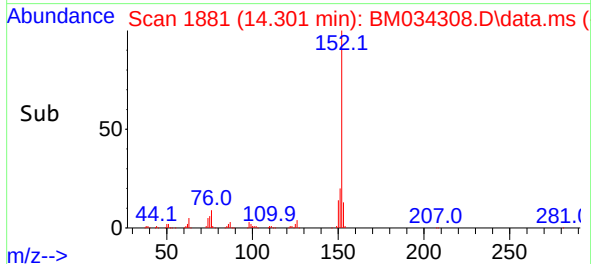
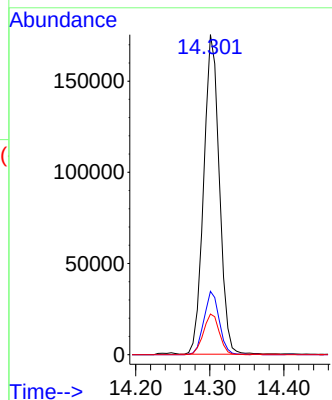
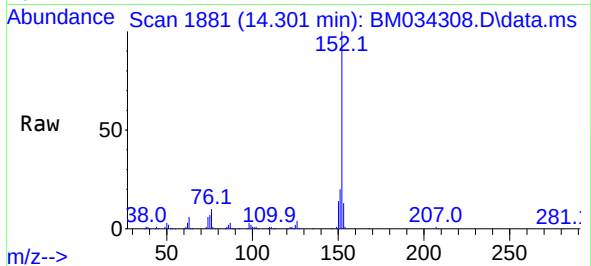
#49
Acenaphthylene
Concen: 7.698 ng
RT: 14.301 min Scan# 1881
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion:152 Resp: 25654
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.7 10.6 16.0

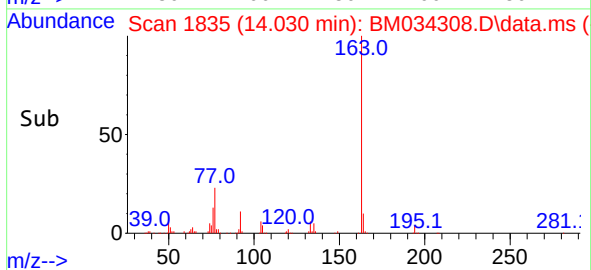
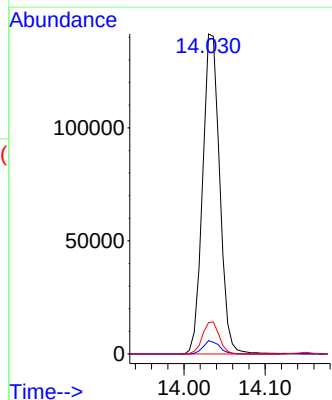
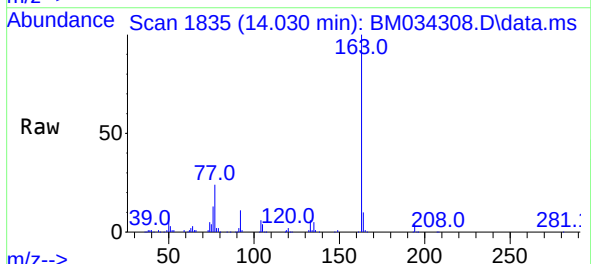
Manual Integrations
APPROVED

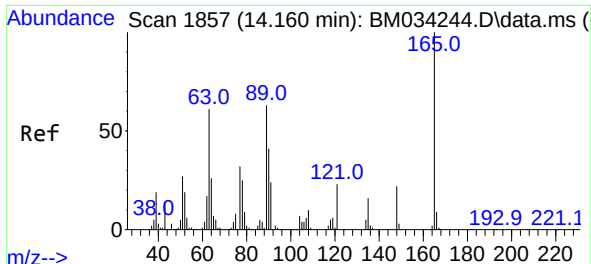
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#50
Dimethylphthalate
Concen: 7.417 ng
RT: 14.030 min Scan# 1835
Delta R.T. -0.018 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:163 Resp: 206228
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.1 12.1





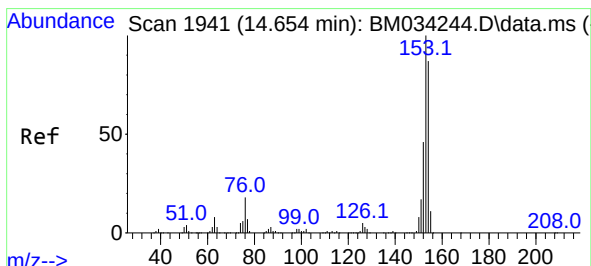
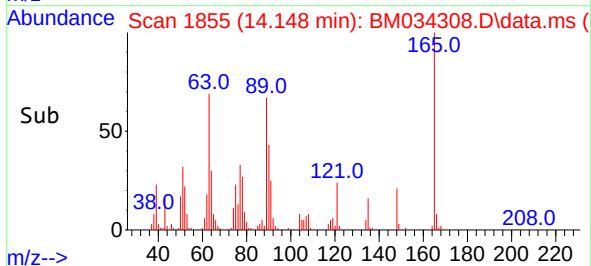
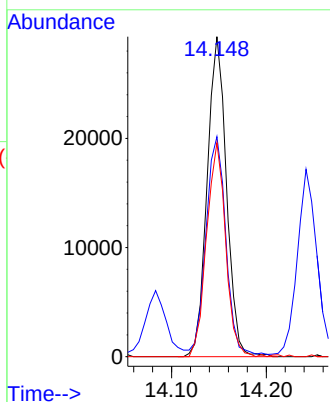
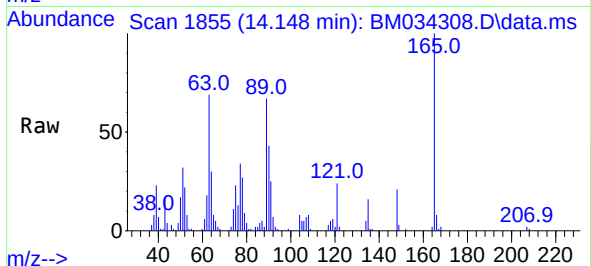
#51
2,6-Dinitrotoluene
Concen: 7.274 ng
RT: 14.148 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion:165 Resp: 4148
Ion Ratio Lower Upper
165 100
63 68.8 51.9 77.9
89 66.9 50.6 76.0

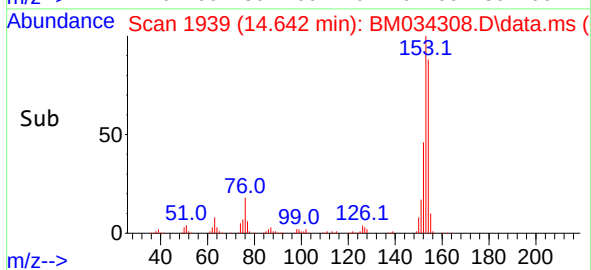
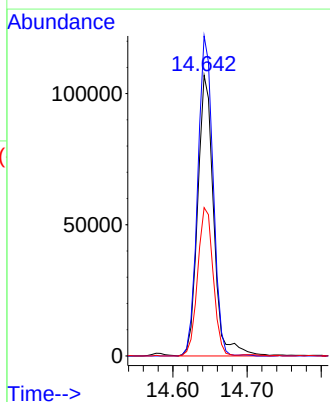
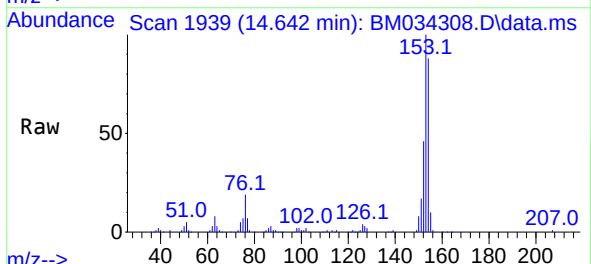
Manual Integrations
APPROVED

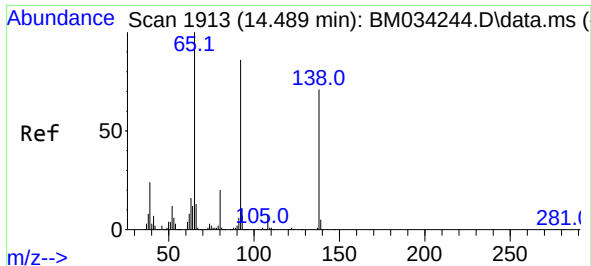
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#52
Acenaphthene
Concen: 7.135 ng
RT: 14.642 min Scan# 1939
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

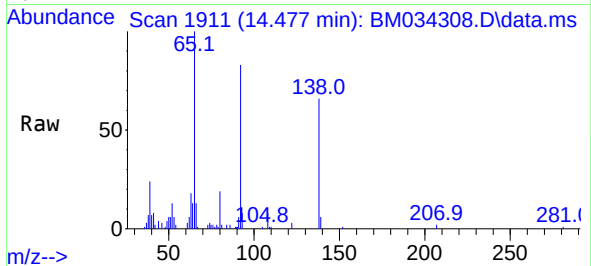
Tgt Ion:154 Resp: 160161
Ion Ratio Lower Upper
154 100
153 114.0 91.8 137.8
152 52.9 42.6 64.0





#53
3-Nitroaniline
Concen: 5.925 ng
RT: 14.477 min Scan# 1911
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

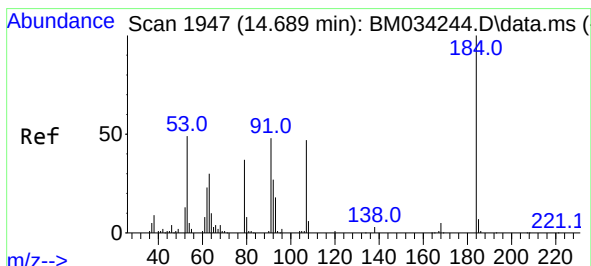
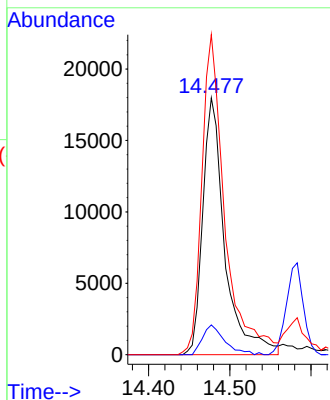
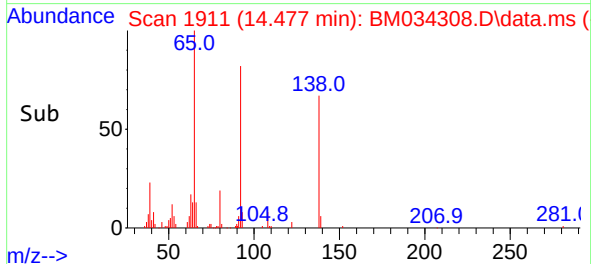
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:138 Resp: 3390
Ion Ratio Lower Upper
138 100
108 11.6 8.3 12.5
92 124.6 97.6 146.4

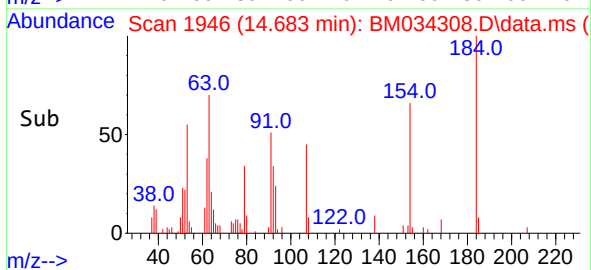
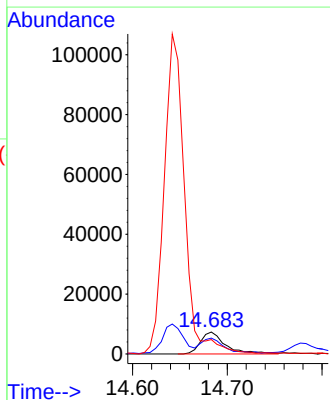
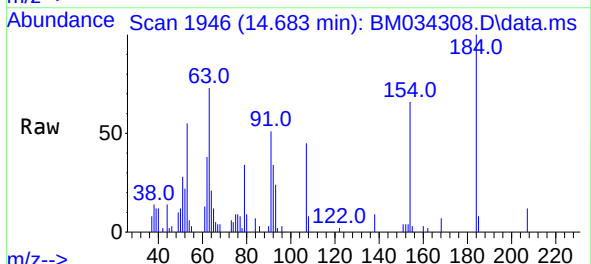
Manual Integrations
APPROVED

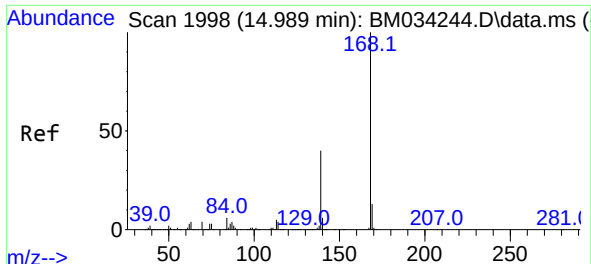
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#54
2,4-Dinitrophenol
Concen: 4.200 ng
RT: 14.683 min Scan# 1946
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

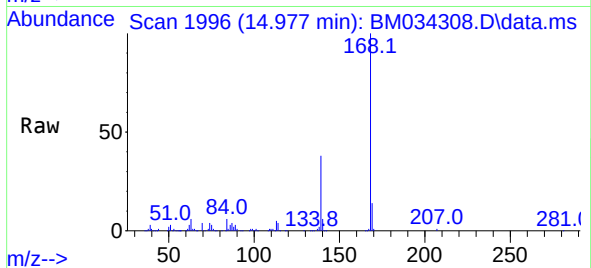
Tgt Ion:184 Resp: 13419
Ion Ratio Lower Upper
184 100
63 72.8 58.3 87.5
154 65.8 52.6 78.8





#55
Dibenzenofuran
Concen: 7.468 ng
RT: 14.977 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

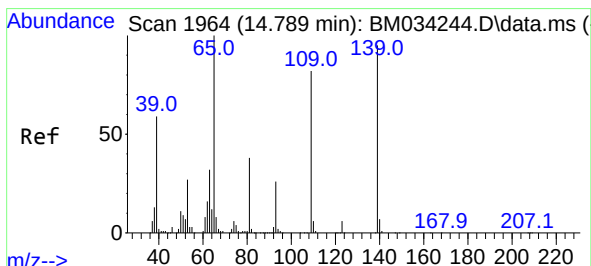
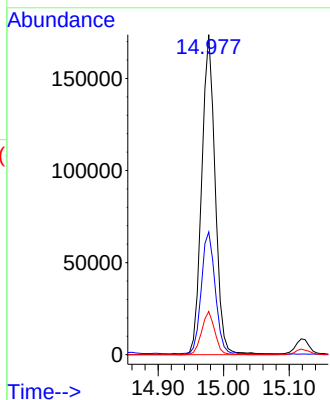
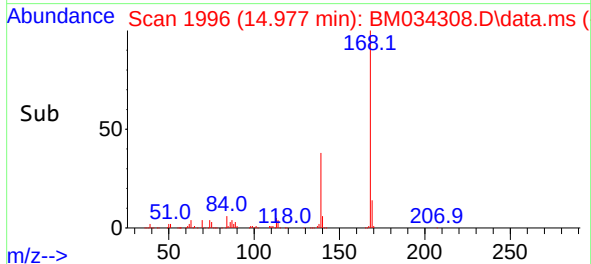
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:168 Resp: 249835
Ion Ratio Lower Upper
168 100
139 38.4 32.4 48.6
169 13.5 10.8 16.2

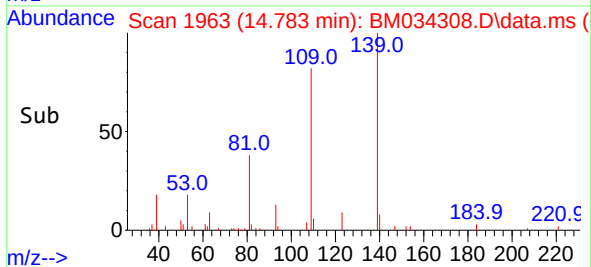
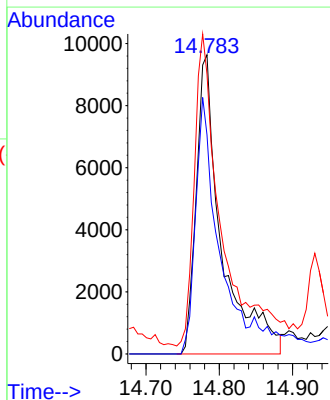
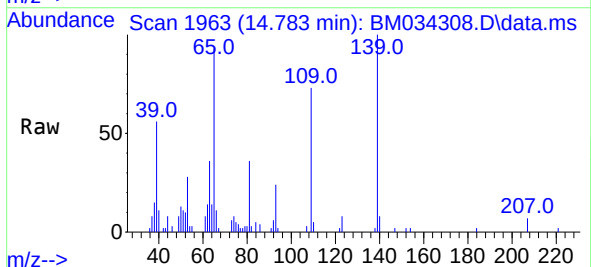
Manual Integrations
APPROVED

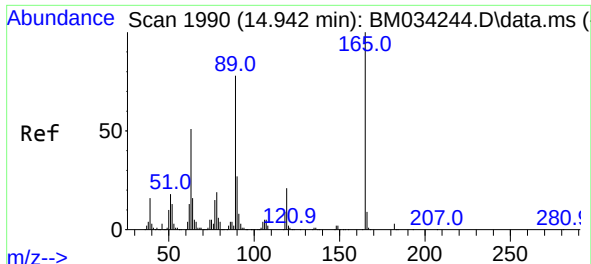
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#56
4-Nitrophenol
Concen: 5.038 ng m
RT: 14.783 min Scan# 1963
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:139 Resp: 23370
Ion Ratio Lower Upper
139 100
109 73.2 66.3 106.3
65 93.5 85.5 125.5





#57

2,4-Dinitrotoluene

Concen: 6.923 ng

RT: 14.936 min Scan# 1990

Delta R.T. -0.006 min

Lab File: BM034308.D

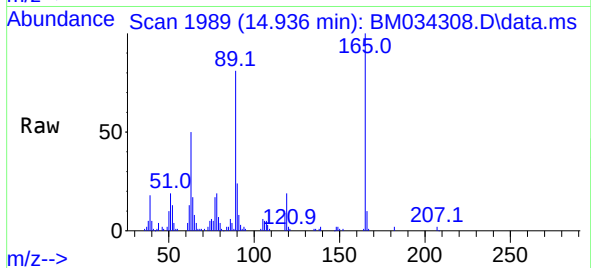
Acq: 22 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021



Tgt Ion:165 Resp: 53369

Ion Ratio Lower Upper

165 100

63 49.9 40.6 61.0

89 81.2 62.7 94.1

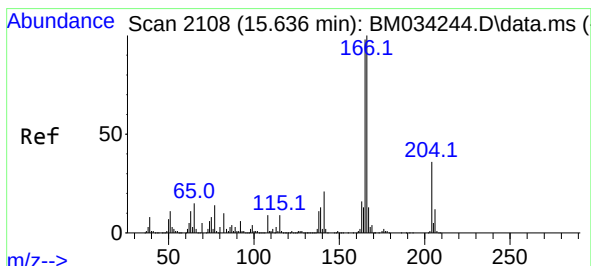
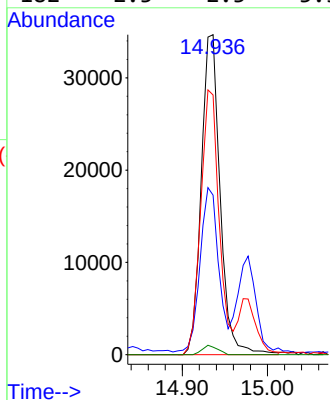
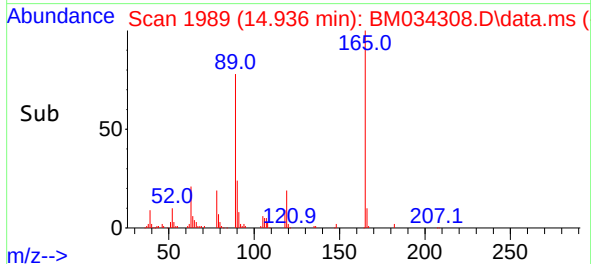
182 2.3 2.3 3.5

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#58

Fluorene

Concen: 7.543 ng

RT: 15.624 min Scan# 2106

Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

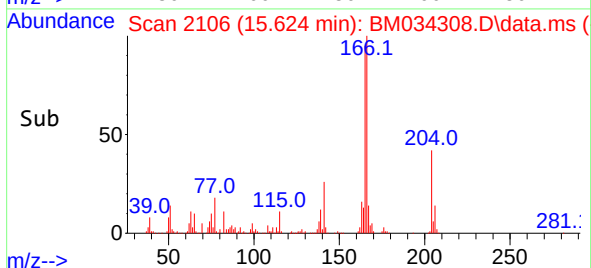
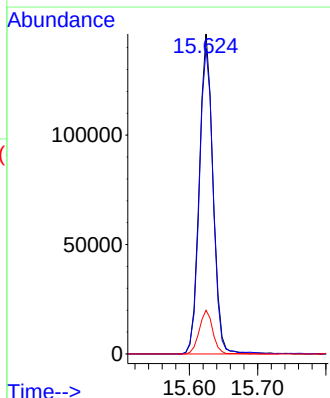
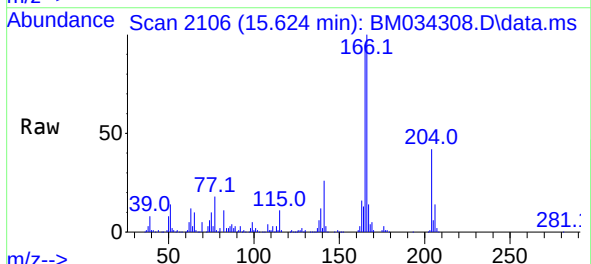
Tgt Ion:166 Resp: 204857

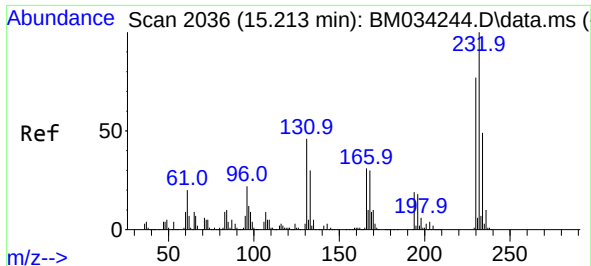
Ion Ratio Lower Upper

166 100

165 95.5 78.0 117.0

167 13.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 6.602 ng

RT: 15.201 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT4-2021

Tgt Ion:232 Resp: 4864

Ion Ratio Lower Upper

232 100

131 49.2 38.0 57.0

130 2.4 2.2 3.2

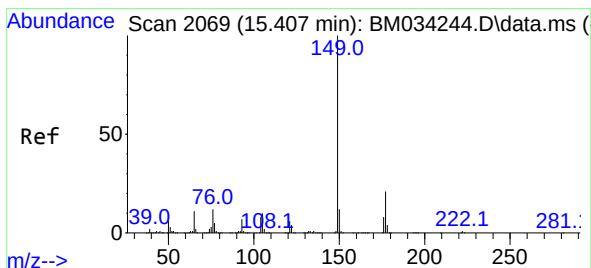
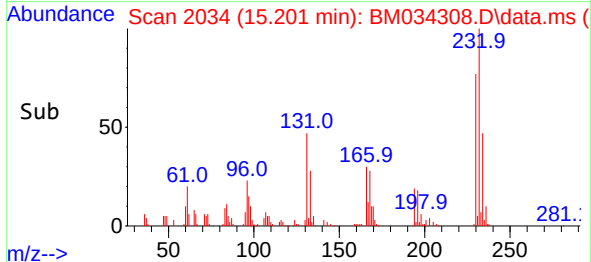
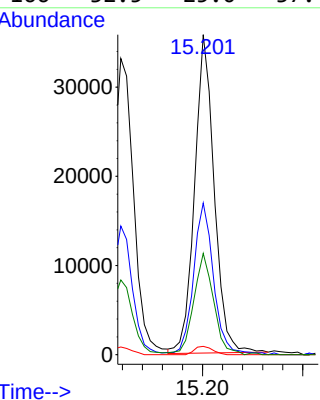
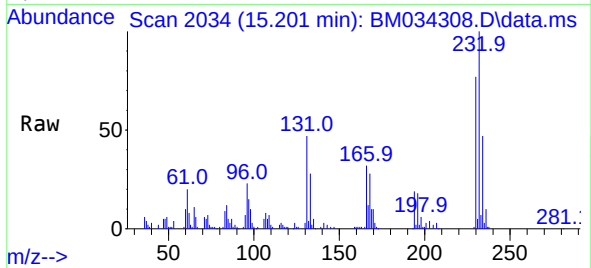
166 32.5 25.0 37.4

Manual Integrations

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Reviewed By :Christian Giraldo 03/23/2022

Supervised By :Jagrut Upadhyay 03/23/2022



#60

Diethylphthalate

Concen: 7.424 ng

RT: 15.395 min Scan# 2067

Delta R.T. -0.012 min

Lab File: BM034308.D

Acq: 22 Mar 2022 13:23

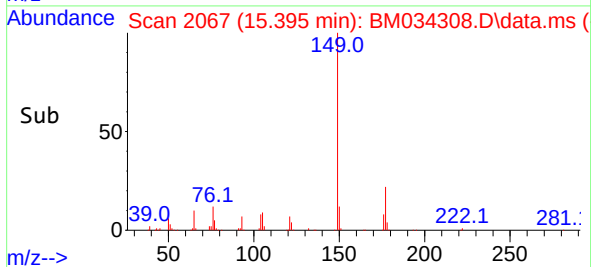
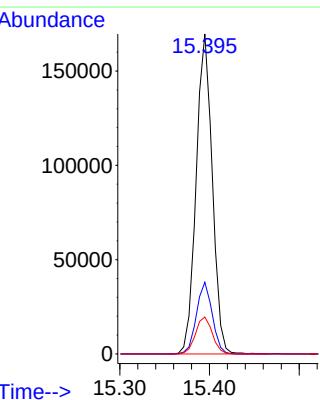
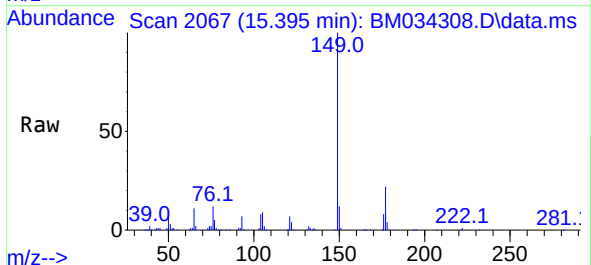
Tgt Ion:149 Resp: 211778

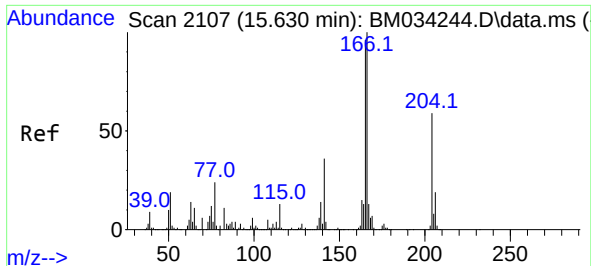
Ion Ratio Lower Upper

149 100

177 22.4 17.1 25.7

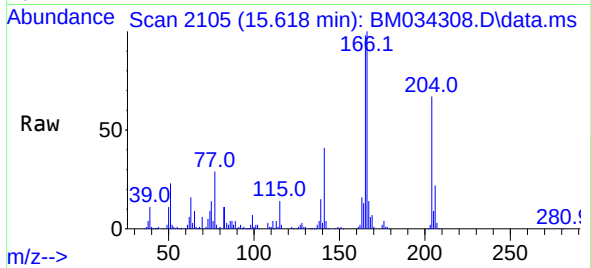
150 11.5 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 7.401 ng
RT: 15.618 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

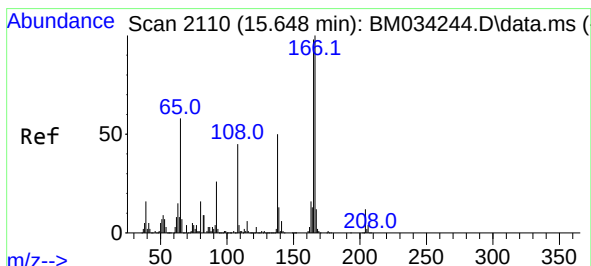
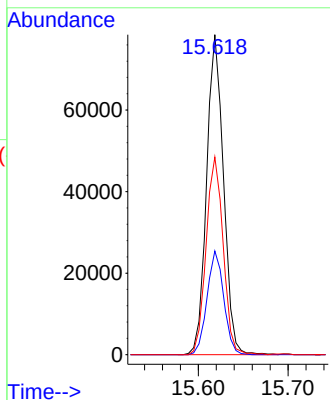
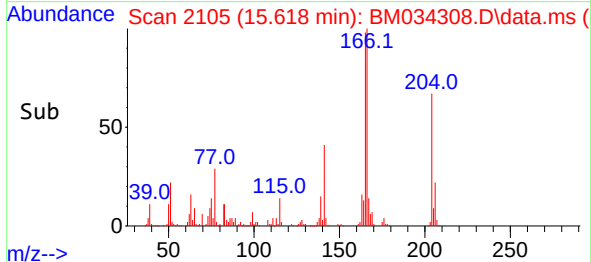
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



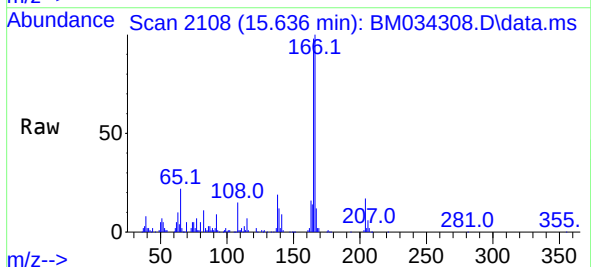
Tgt Ion:204 Resp: 10261
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 61.8 49.4 74.2

Manual Integrations
APPROVED

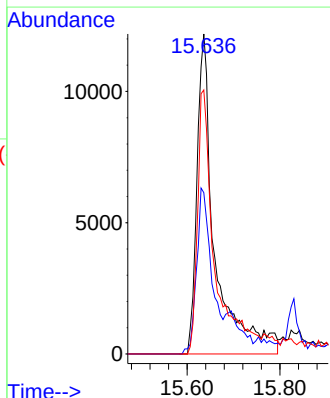
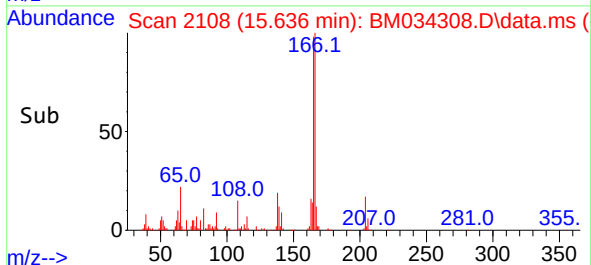
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

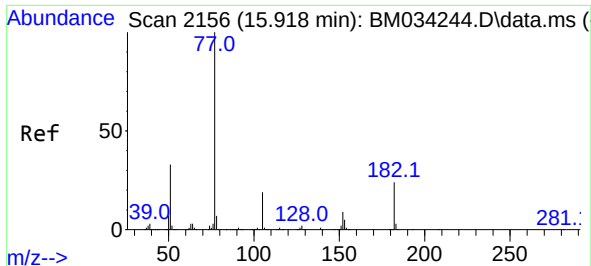


#62
4-Nitroaniline
Concen: 5.973 ng m
RT: 15.636 min Scan# 2108
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



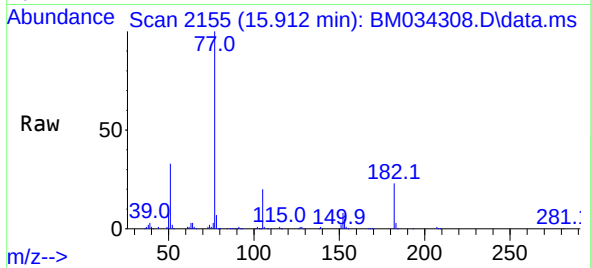
Tgt Ion:138 Resp: 32879
Ion Ratio Lower Upper
138 100
92 50.4 32.6 72.6
108 82.5 69.8 109.8





#63
Azobenzene
Concen: 7.272 ng
RT: 15.912 min Scan# 2156
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

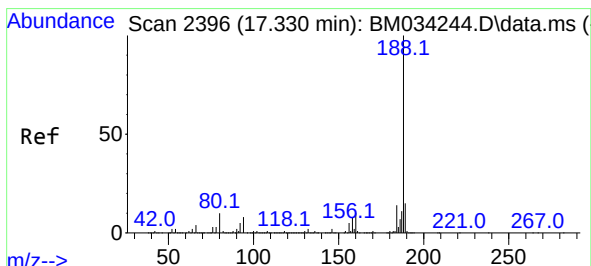
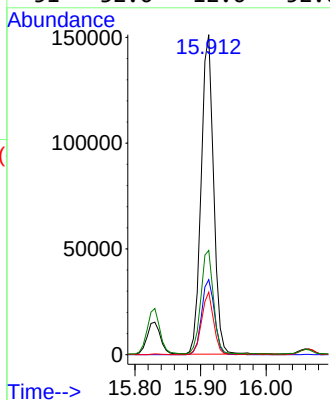
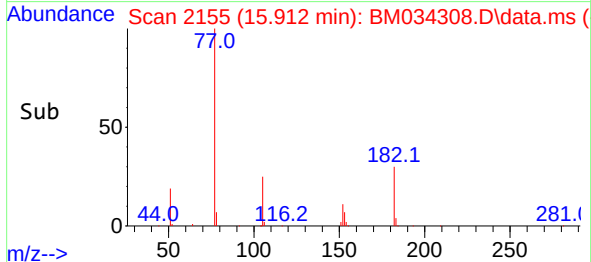
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



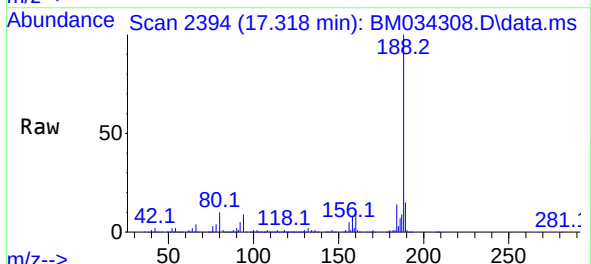
Tgt Ion: 77 Resp: 20005
Ion Ratio Lower Upper
77 100
182 23.5 4.4 44.4
105 19.5 0.0 38.7
51 32.6 12.6 52.6

Manual Integrations
APPROVED

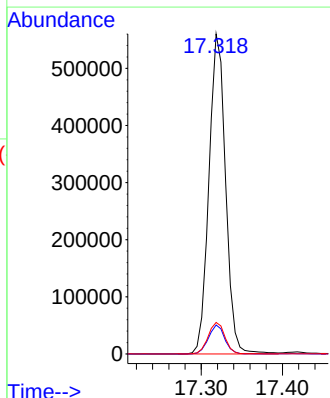
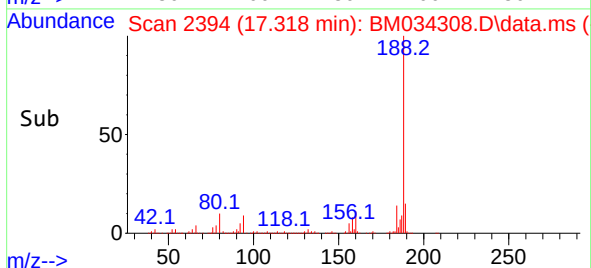
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

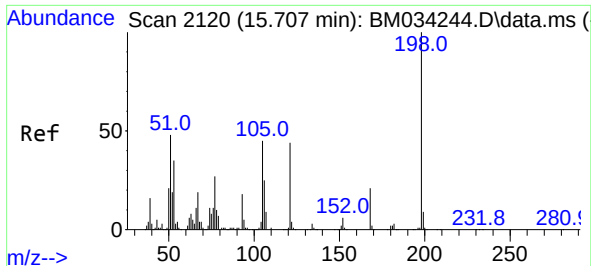


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2394
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



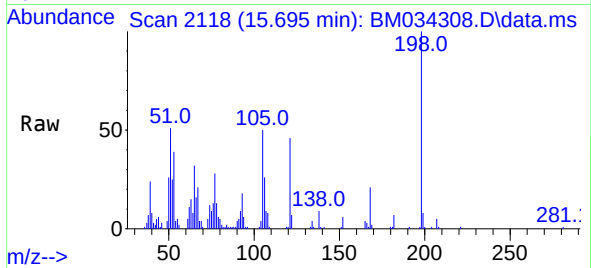
Tgt Ion:188 Resp: 798580
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 9.8 7.8 11.8





#65
4,6-Dinitro-2-methylphenol
Concen: 4.946 ng
RT: 15.695 min Scan# 2118
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

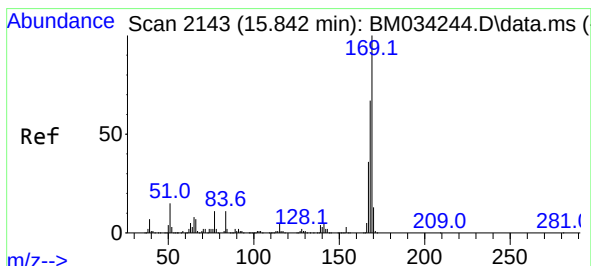
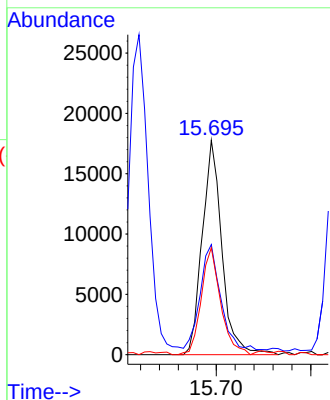
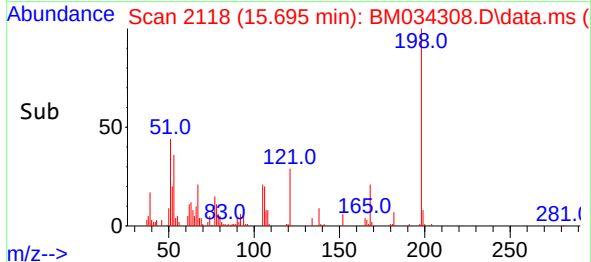
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



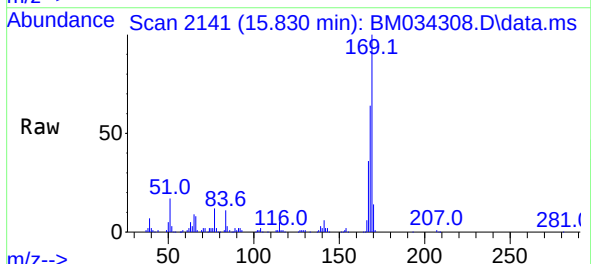
Tgt Ion:198 Resp: 25684
Ion Ratio Lower Upper
198 100
51 51.3 29.0 69.0
105 49.9 25.3 65.3

Manual Integrations
APPROVED

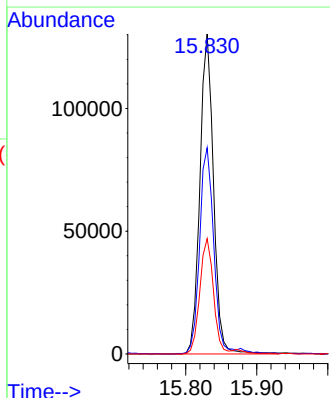
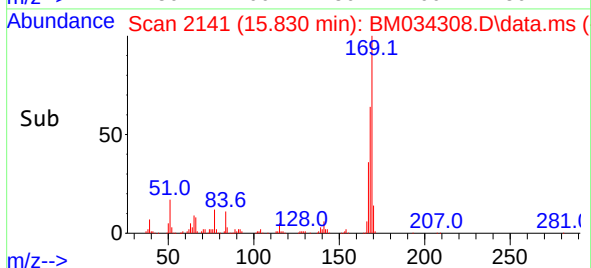
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

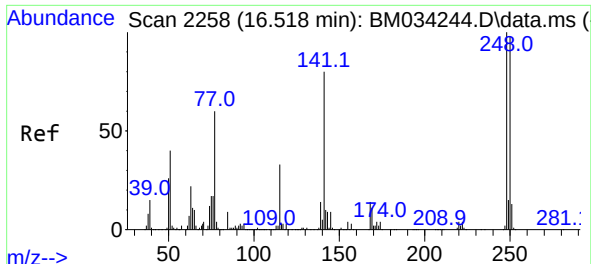


#66
n-Nitrosodiphenylamine
Concen: 6.870 ng
RT: 15.830 min Scan# 2141
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



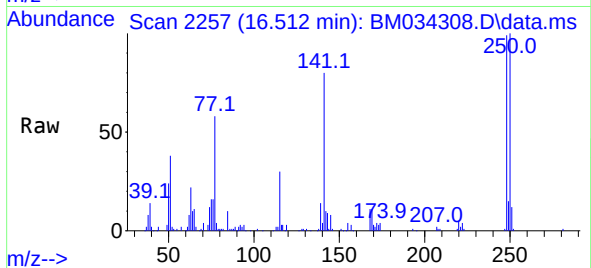
Tgt Ion:169 Resp: 174308
Ion Ratio Lower Upper
169 100
168 64.5 53.9 80.9
167 36.0 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 6.852 ng
RT: 16.512 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

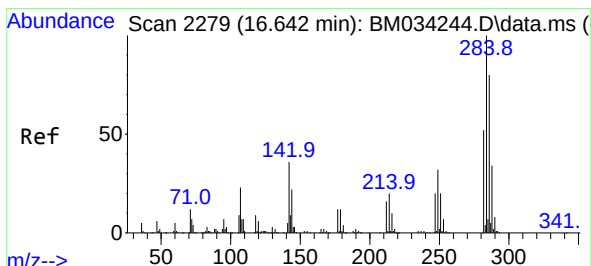
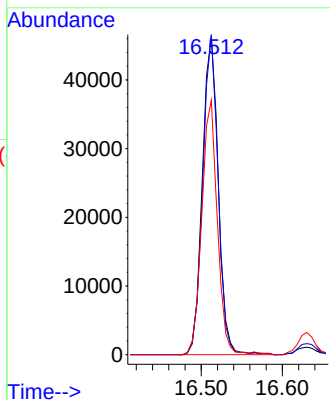
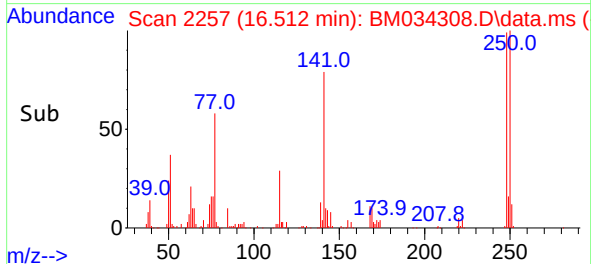
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



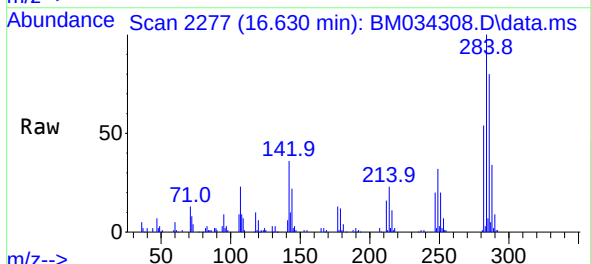
Tgt Ion:248 Resp: 6289
Ion Ratio Lower Upper
248 100
250 100.6 78.0 117.0
141 80.0 63.8 95.6

Manual Integrations
APPROVED

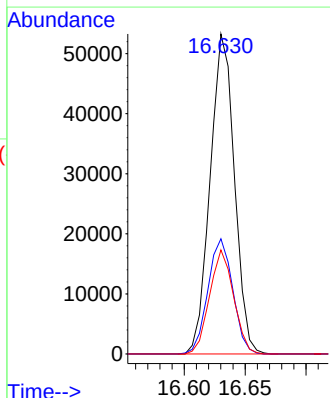
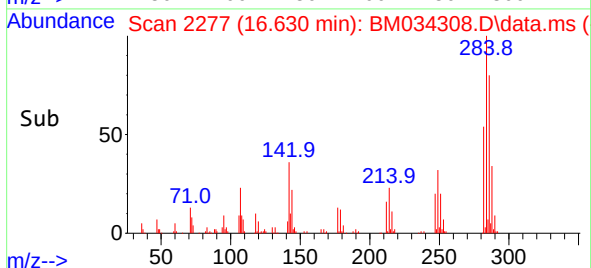
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

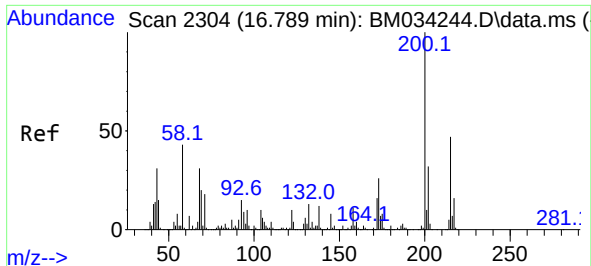


#68
Hexachlorobenzene
Concen: 7.206 ng
RT: 16.630 min Scan# 2277
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



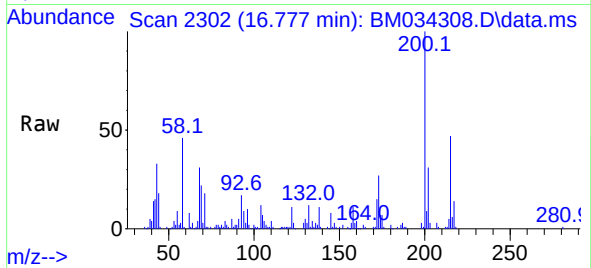
Tgt Ion:284 Resp: 73787
Ion Ratio Lower Upper
284 100
142 36.0 28.9 43.3
249 32.5 25.4 38.0





#69
Atrazine
Concen: 7.506 ng
RT: 16.777 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

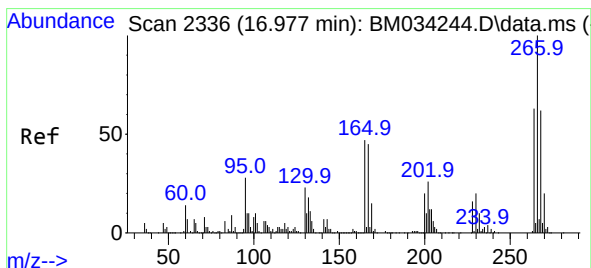
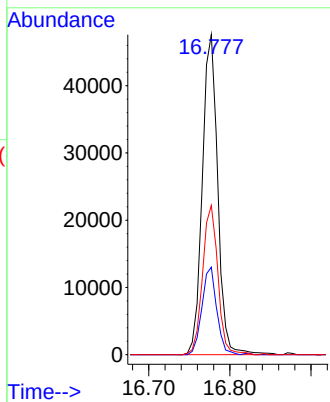
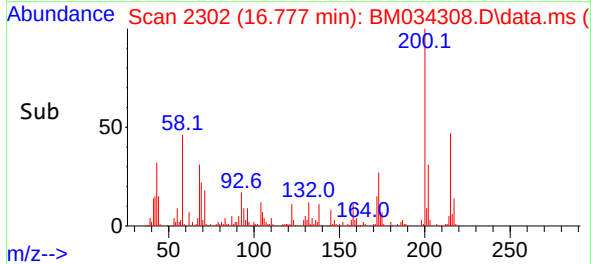
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



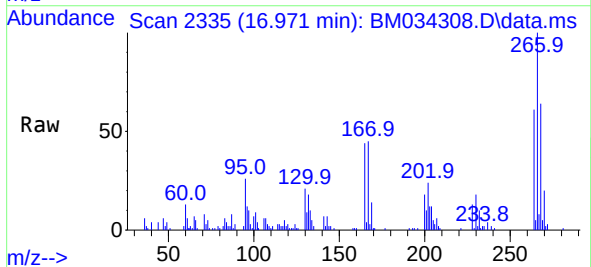
Tgt Ion:200 Resp: 62772
Ion Ratio Lower Upper
200 100
173 27.3 6.1 46.1
215 46.6 27.4 67.4

Manual Integrations
APPROVED

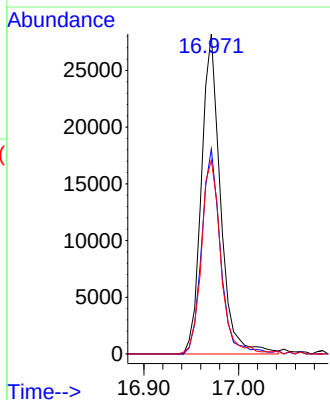
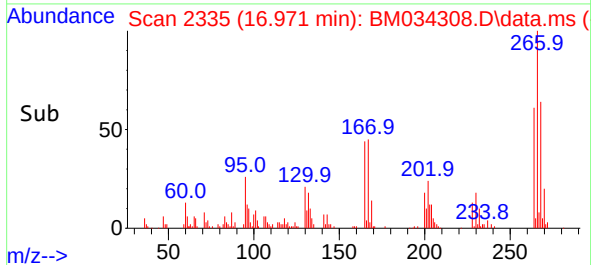
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

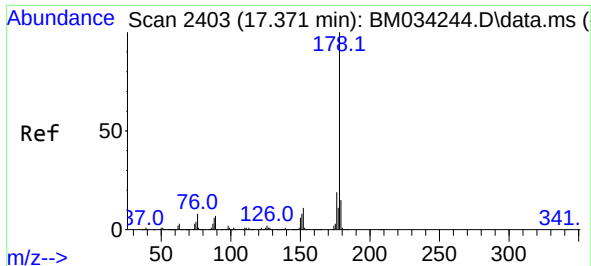


#70
Pentachlorophenol
Concen: 5.994 ng
RT: 16.971 min Scan# 2335
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



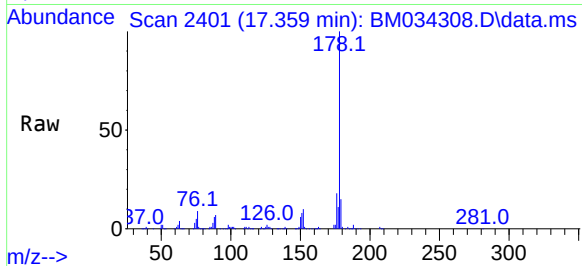
Tgt Ion:266 Resp: 39251
Ion Ratio Lower Upper
266 100
268 64.1 49.8 74.8
264 60.5 50.3 75.5





#71
Phenanthrene
Concen: 7.427 ng
RT: 17.359 min Scan# 2403
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

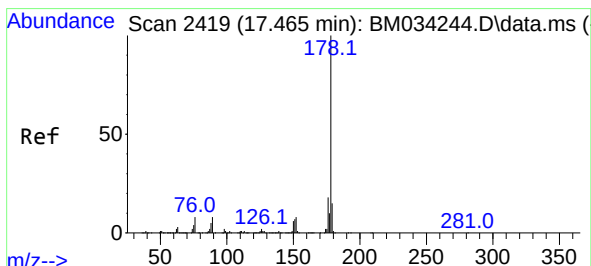
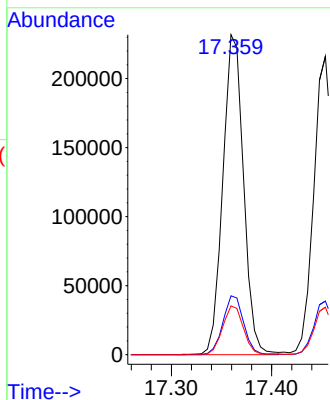
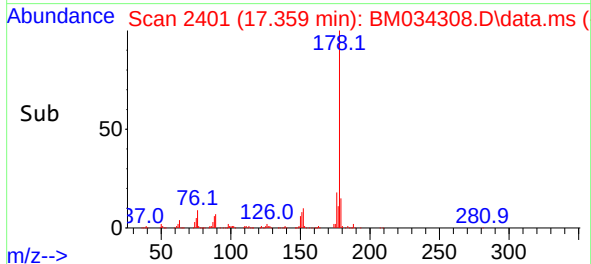
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:178 Resp: 332144
Ion Ratio Lower Upper
178 100
176 18.4 15.1 22.7
179 15.3 12.2 18.4

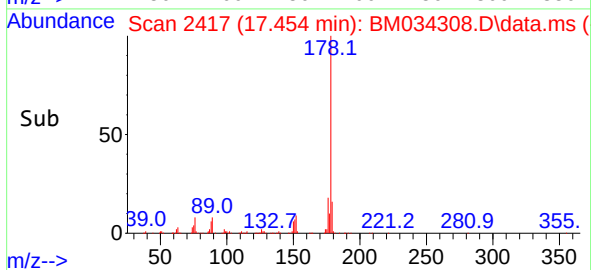
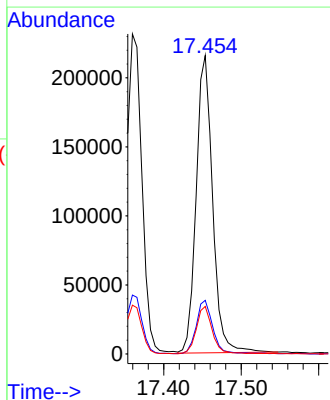
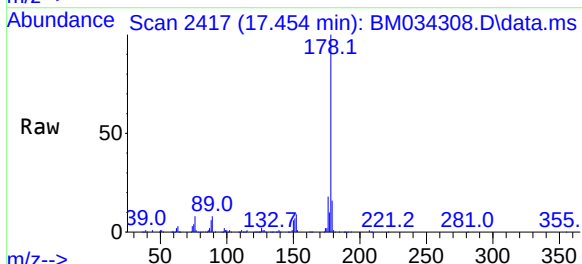
Manual Integrations
APPROVED

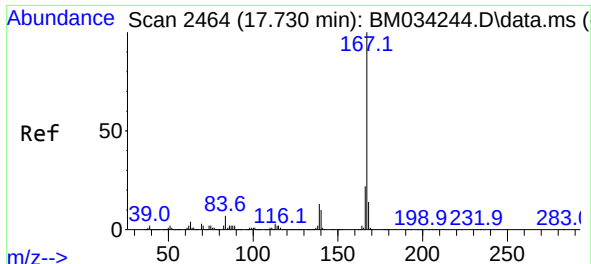
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#72
Anthracene
Concen: 7.278 ng
RT: 17.454 min Scan# 2417
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

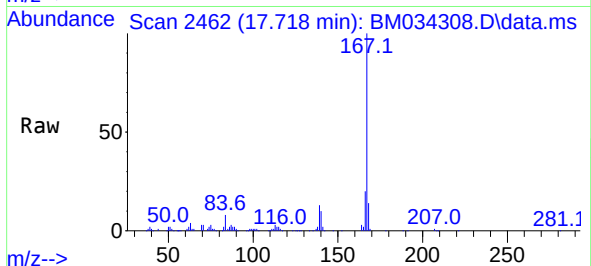
Tgt Ion:178 Resp: 316792
Ion Ratio Lower Upper
178 100
176 18.0 14.6 22.0
179 15.9 12.2 18.2





#73
 Carbazole
 Concen: 6.656 ng
 RT: 17.718 min Scan# 2464
 Delta R.T. -0.012 min
 Lab File: BM034308.D
 Acq: 22 Mar 2022 13:23

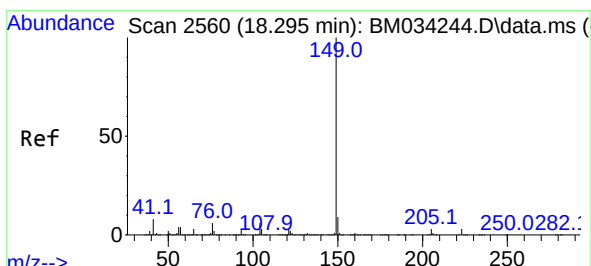
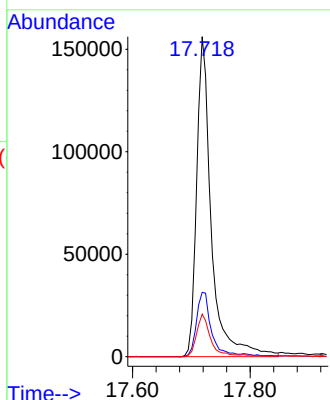
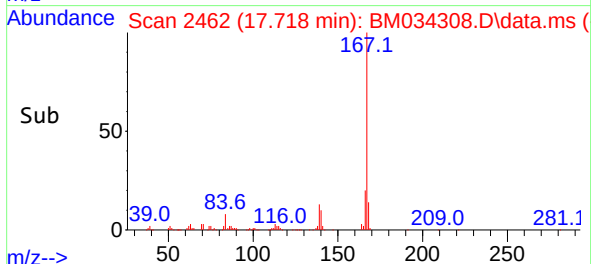
Instrument : BNA_M
 ClientSampleId : MDL-WATER-03-QT4-2021



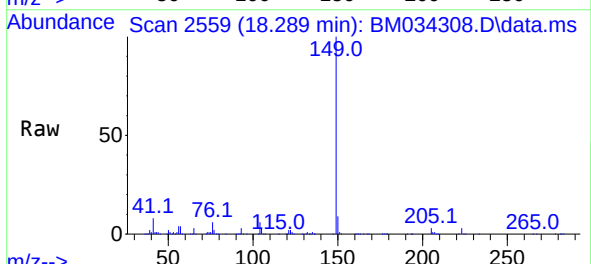
Tgt Ion:167 Resp: 270203
 Ion Ratio Lower Upper
 167 100
 166 20.1 17.4 26.2
 139 13.3 10.4 15.6

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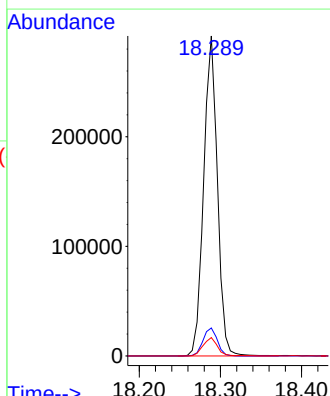
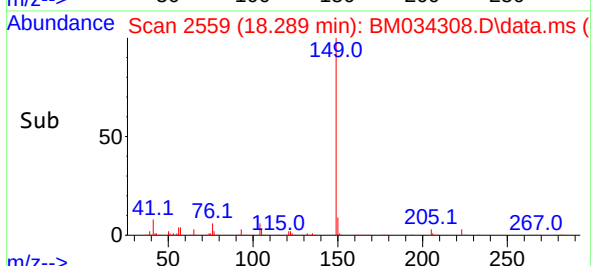
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

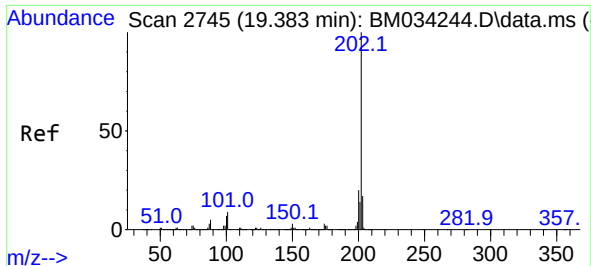


#74
 Di-n-butylphthalate
 Concen: 6.777 ng
 RT: 18.289 min Scan# 2559
 Delta R.T. -0.006 min
 Lab File: BM034308.D
 Acq: 22 Mar 2022 13:23



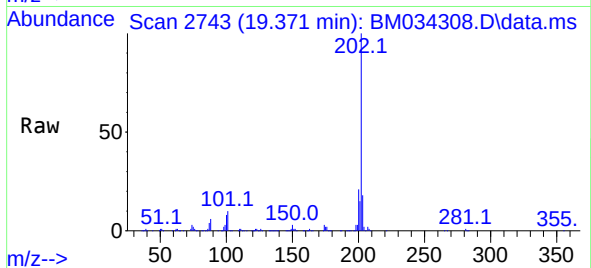
Tgt Ion:149 Resp: 342035
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.6 11.4
 104 5.8 4.7 7.1





#75
Fluoranthene
Concen: 7.822 ng
RT: 19.371 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

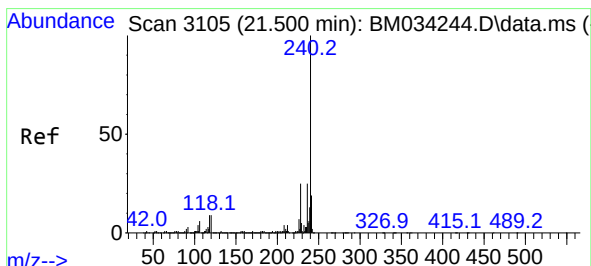
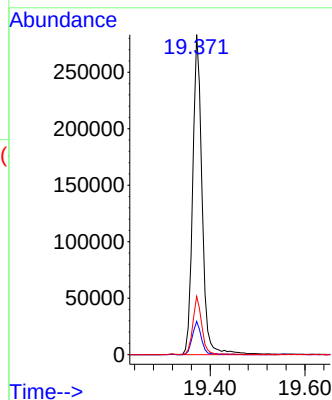
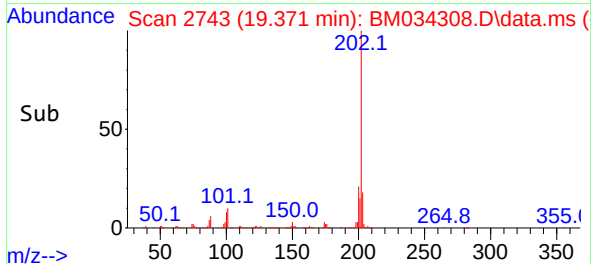
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



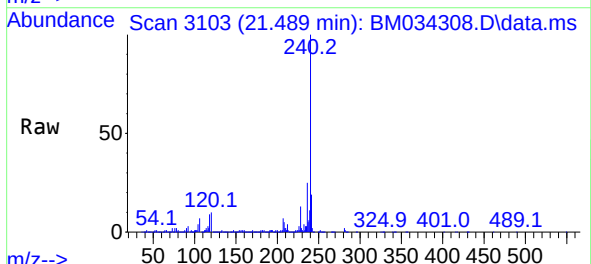
Tgt Ion:202 Resp: 392170
Ion Ratio Lower Upper
202 100
101 10.4 0.0 29.4
203 18.2 0.0 37.1

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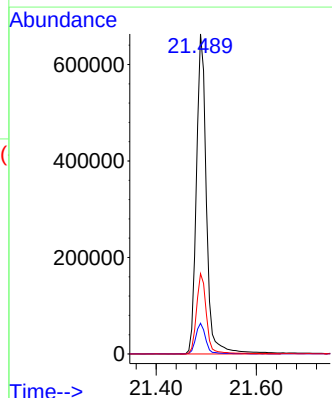
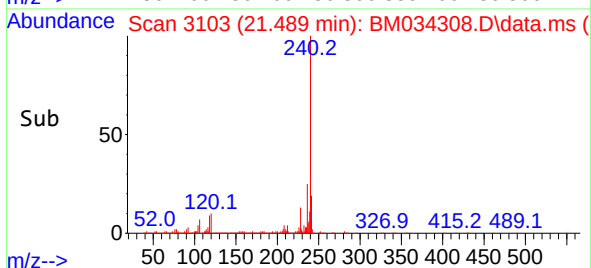
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

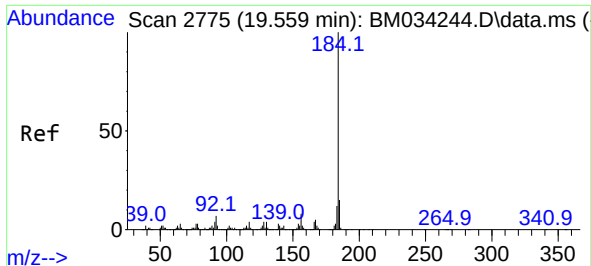


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



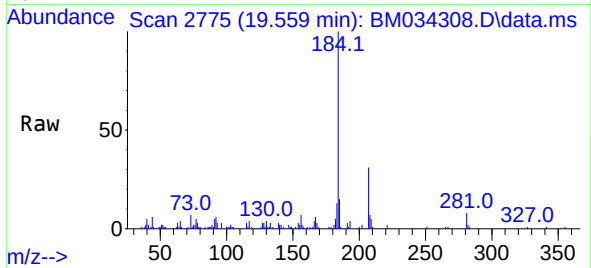
Tgt Ion:240 Resp: 920939
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.1 20.2 30.2





#77
Benzidine
Concen: 8.431 ng m
RT: 19.559 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

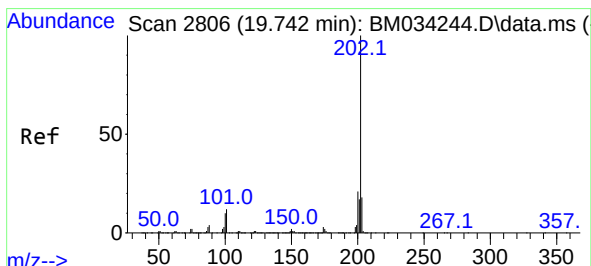
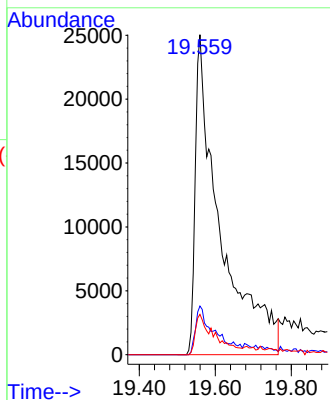
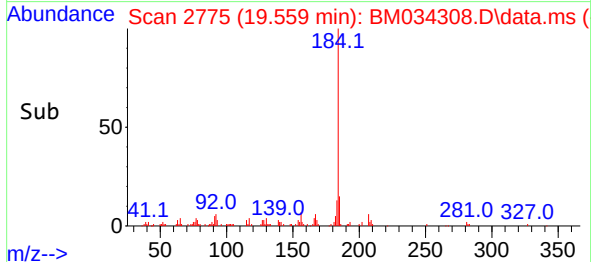
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



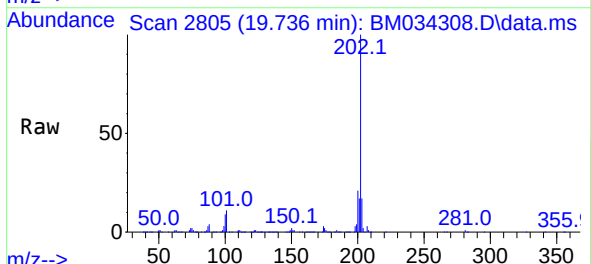
Tgt Ion:184 Resp: 113789
Ion Ratio Lower Upper
184 100
185 15.2 11.7 17.5
183 12.6 9.8 14.6

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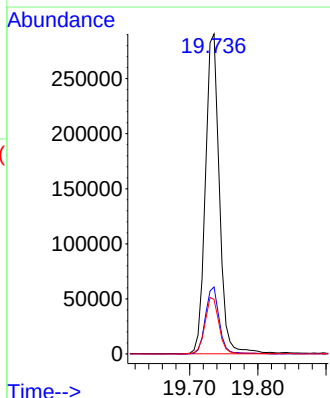
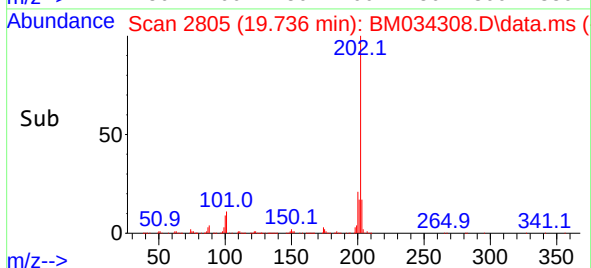
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

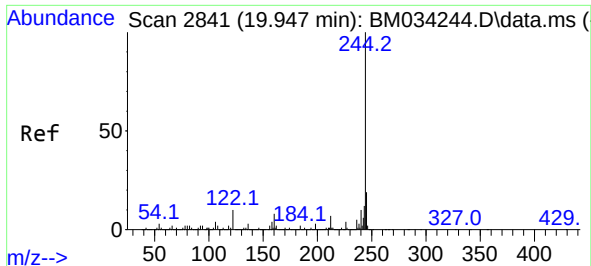


#78
Pyrene
Concen: 6.381 ng
RT: 19.736 min Scan# 2805
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



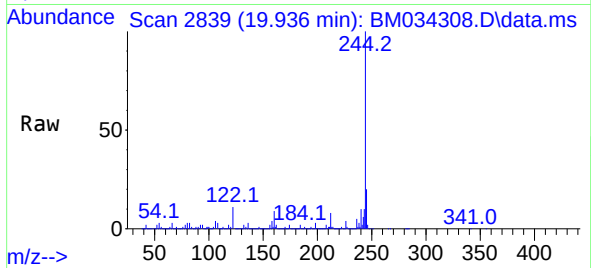
Tgt Ion:202 Resp: 414039
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.0 14.1 21.1





#79
 Terphenyl-d14
 Concen: 73.652 ng
 RT: 19.936 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM034308.D
 Acq: 22 Mar 2022 13:23

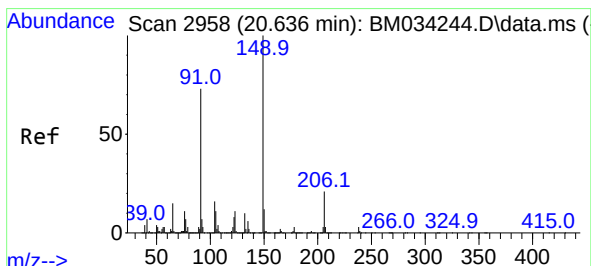
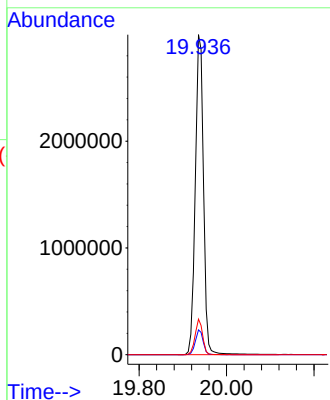
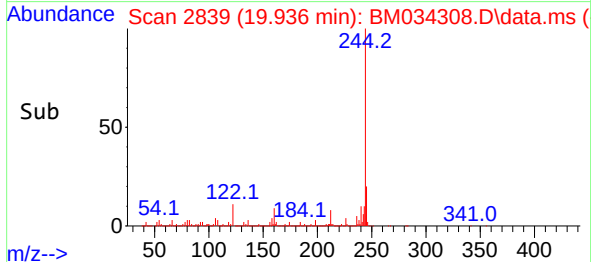
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT4-2021



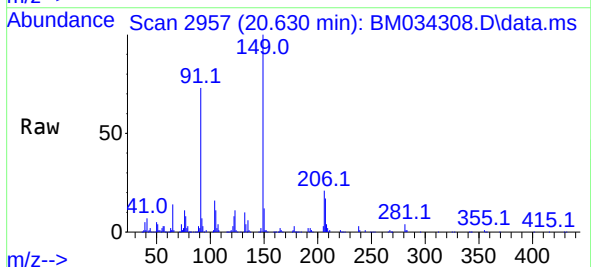
Tgt Ion:244 Resp: 390358
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 11.1 7.8 11.8

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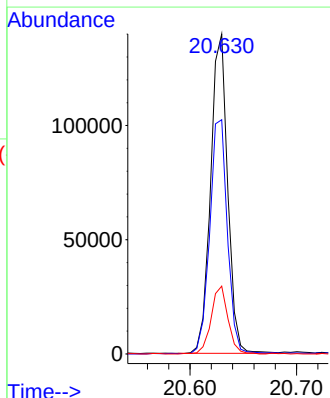
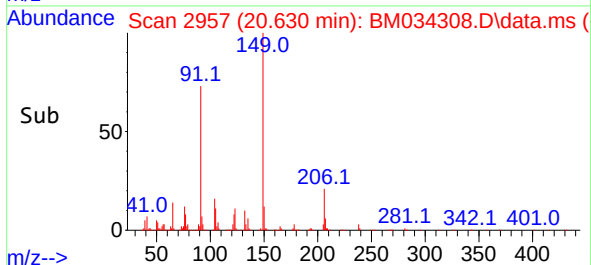
Reviewed By :Christian Giraldo 03/23/2022
 Supervised By :Jagrut Upadhyay 03/23/2022

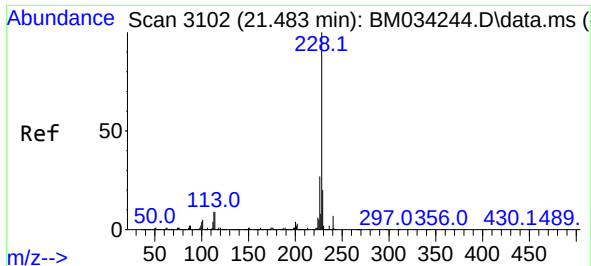


#80
 Butylbenzylphthalate
 Concen: 5.650 ng
 RT: 20.630 min Scan# 2957
 Delta R.T. -0.006 min
 Lab File: BM034308.D
 Acq: 22 Mar 2022 13:23



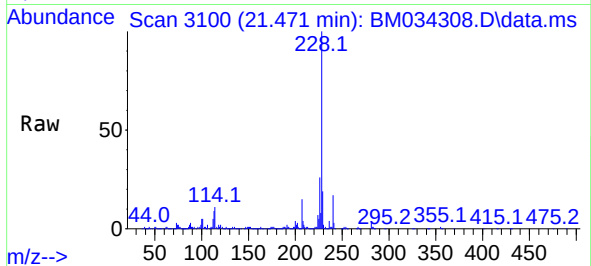
Tgt Ion:149 Resp: 155040
 Ion Ratio Lower Upper
 149 100
 91 73.2 58.5 87.7
 206 21.2 16.9 25.3





#81
Benzo(a)anthracene
Concen: 7.160 ng
RT: 21.471 min Scan# 3102
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

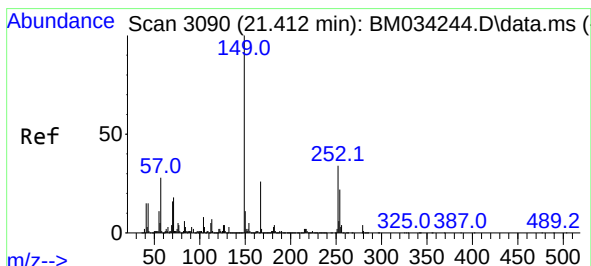
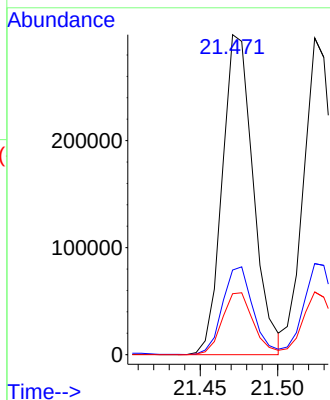
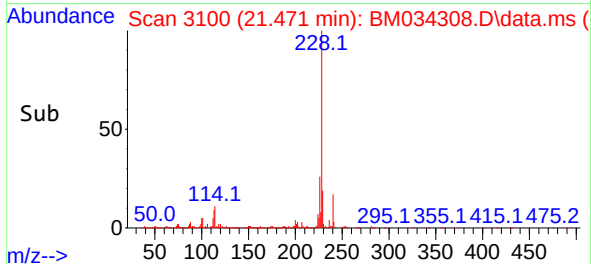
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:228 Resp: 416210
Ion Ratio Lower Upper
228 100
226 26.4 21.6 32.4
229 19.1 15.8 23.6

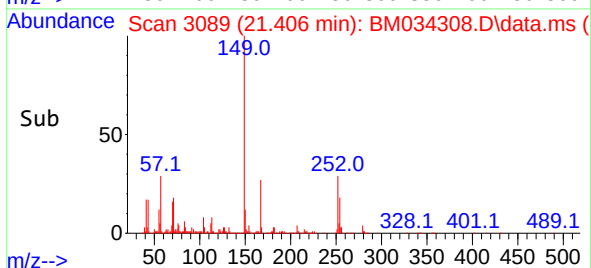
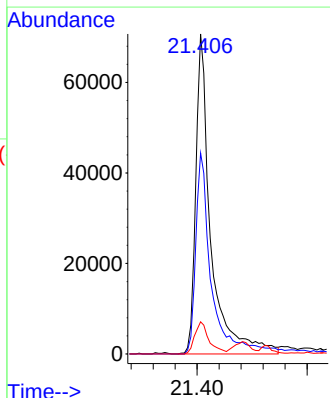
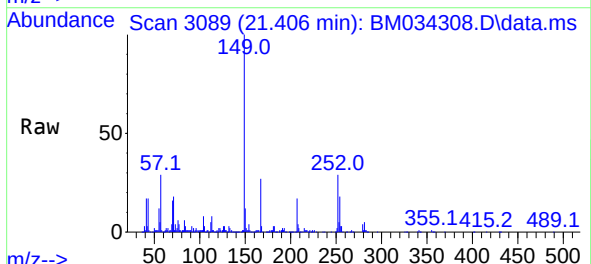
Manual Integrations
APPROVED

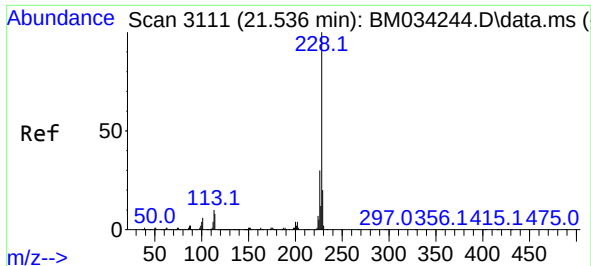
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#82
3,3'-Dichlorobenzidine
Concen: 6.932 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

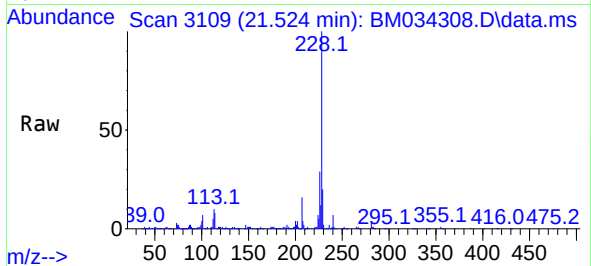
Tgt Ion:252 Resp: 134571
Ion Ratio Lower Upper
252 100
254 62.8 50.9 76.3
126 10.0 8.6 12.8





#83
Chrysene
Concen: 7.038 ng
RT: 21.524 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

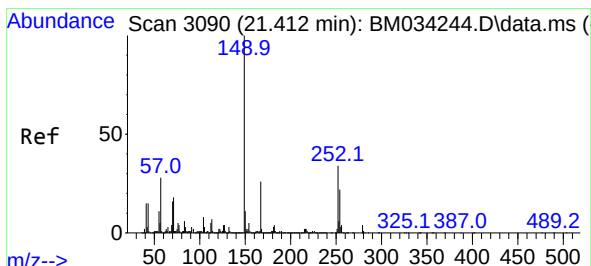
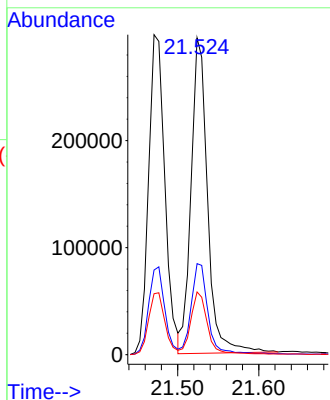
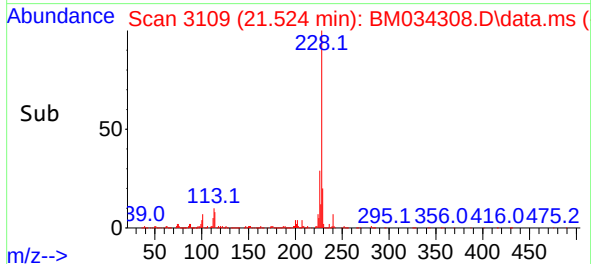
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT4-2021



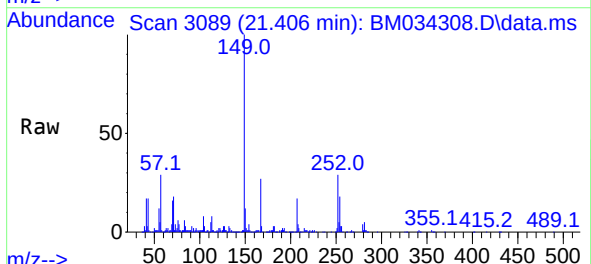
Tgt Ion:228 Resp: 417750
Ion Ratio Lower Upper
228 100
226 28.7 23.8 35.6
229 19.8 15.6 23.4

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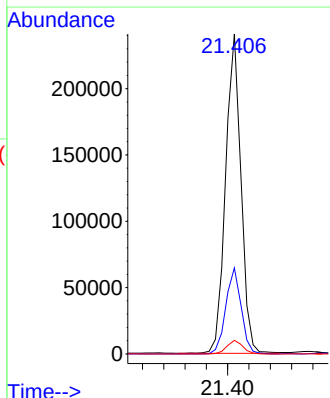
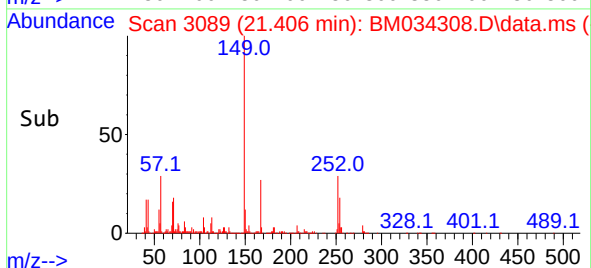
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022

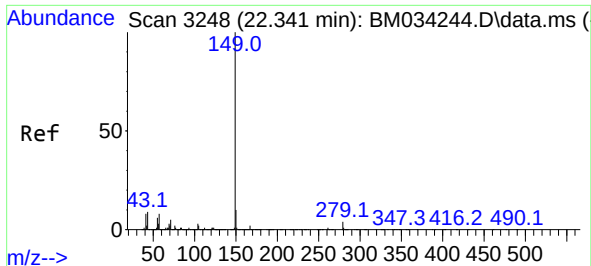


#84
Bis(2-ethylhexyl)phthalate
Concen: 5.939 ng
RT: 21.406 min Scan# 3089
Delta R.T. -0.006 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23



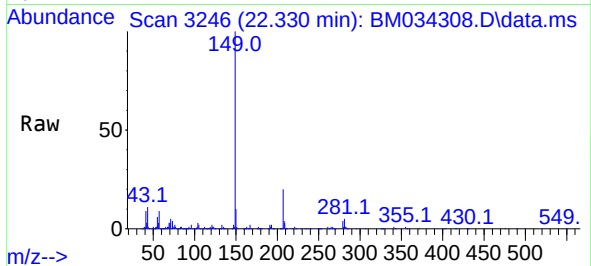
Tgt Ion:149 Resp: 240650
Ion Ratio Lower Upper
149 100
167 26.9 21.2 31.8
279 4.2 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 6.525 ng
RT: 22.330 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

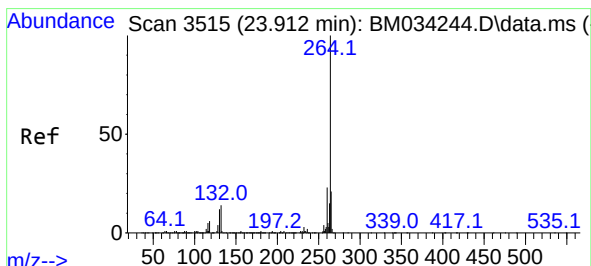
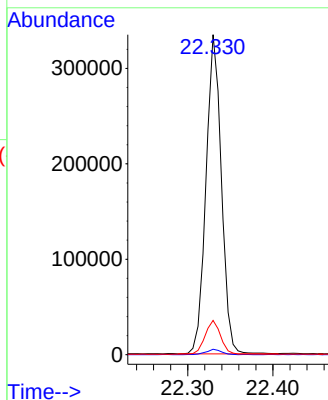
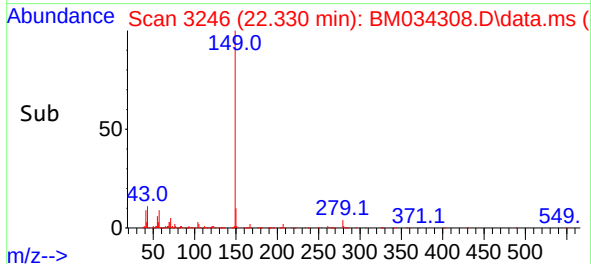
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2021



Tgt Ion:149 Resp: 41970
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.9 7.8 11.8

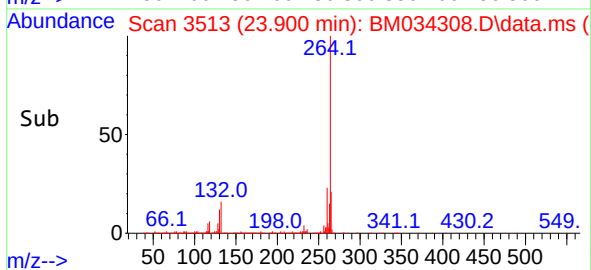
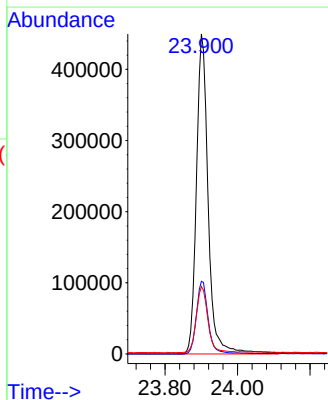
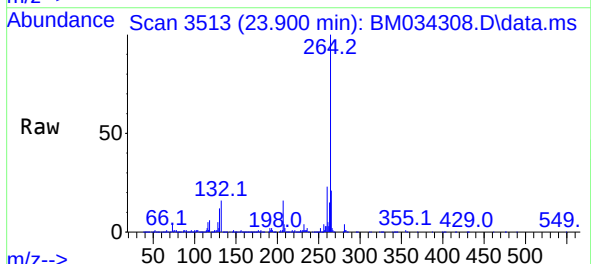
Manual Integrations
APPROVED

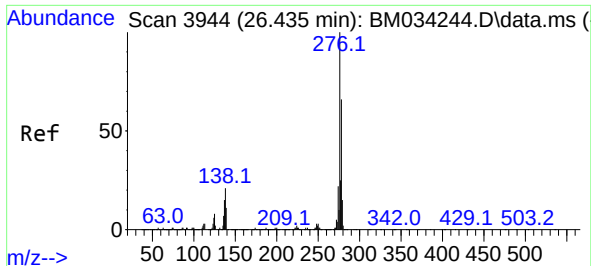
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.900 min Scan# 3513
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:264 Resp: 1011365
Ion Ratio Lower Upper
264 100
260 22.7 18.6 28.0
265 21.1 17.6 26.4





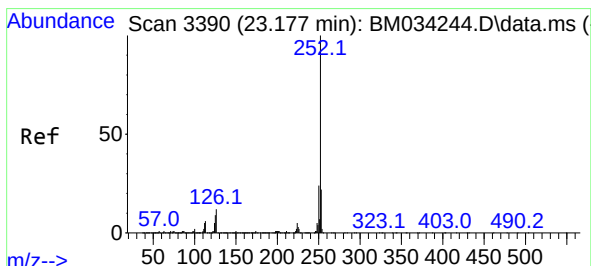
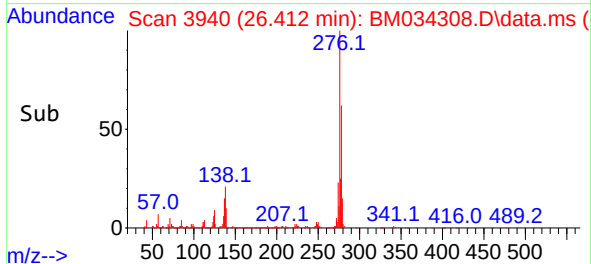
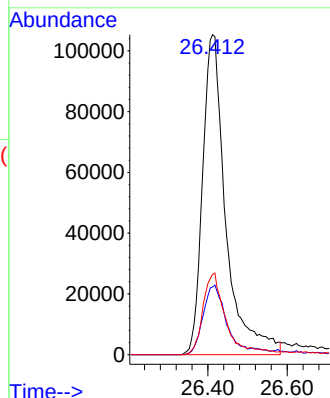
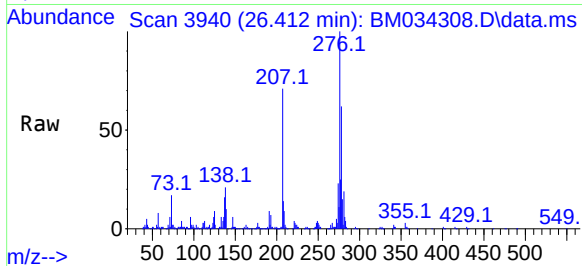
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.593 ng
RT: 26.412 min Scan# 3944
Delta R.T. -0.024 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion: 276 Resp: 428925
Ion Ratio Lower Upper
276 100
138 21.5 16.6 25.0
277 23.4 19.8 29.6

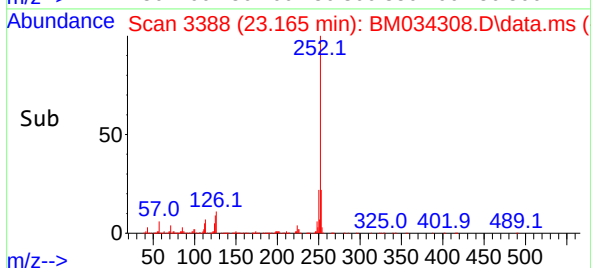
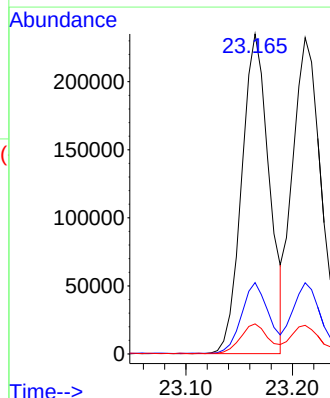
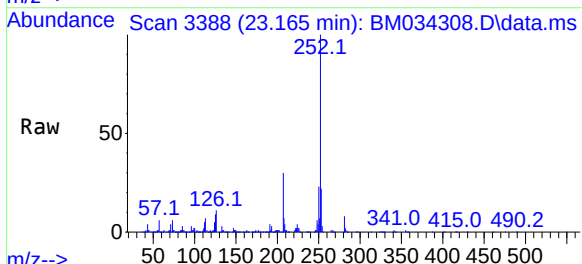
Manual Integrations
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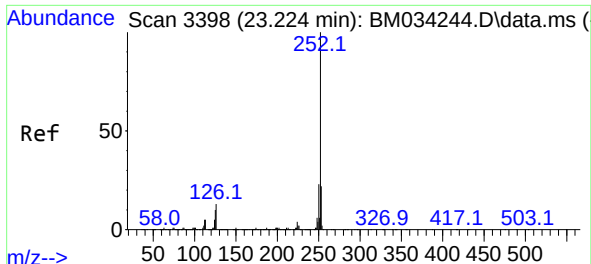
Reviewed By : Christian Giraldo 03/23/2022
Supervised By : Jagrut Upadhyay 03/23/2022



#88
Benzo(b)fluoranthene
Concen: 6.979 ng
RT: 23.165 min Scan# 3388
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion: 252 Resp: 422054
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 7.2 10.8





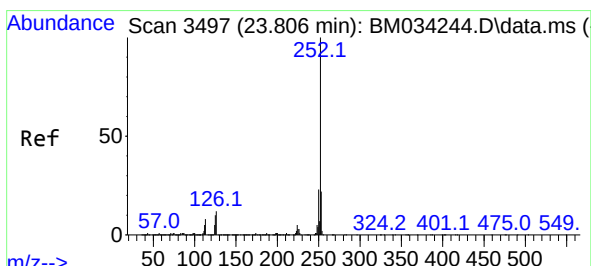
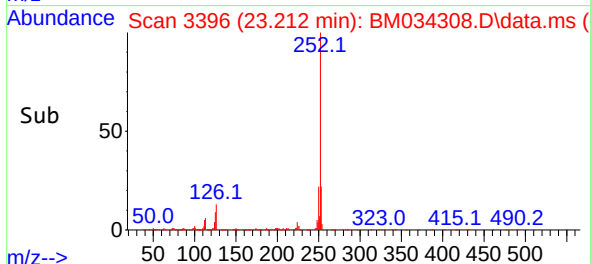
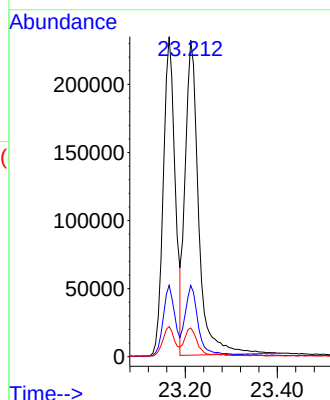
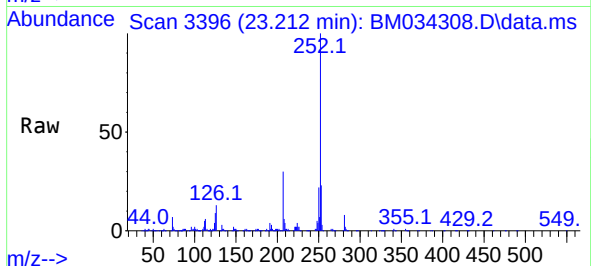
#89
Benzo(k)fluoranthene
Concen: 7.327 ng
RT: 23.212 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion:252 Resp: 46938
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.1 7.5 11.3

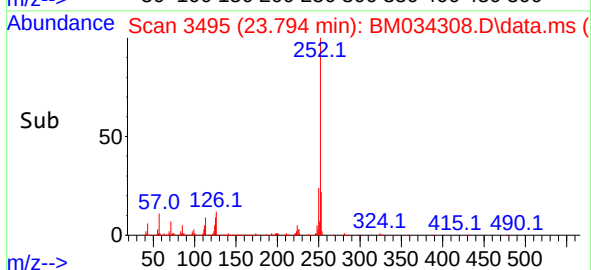
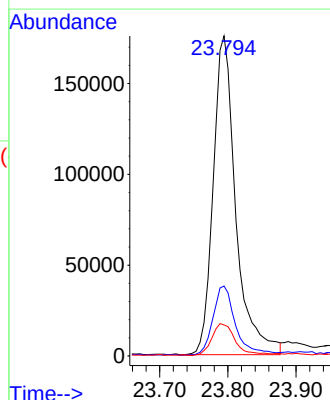
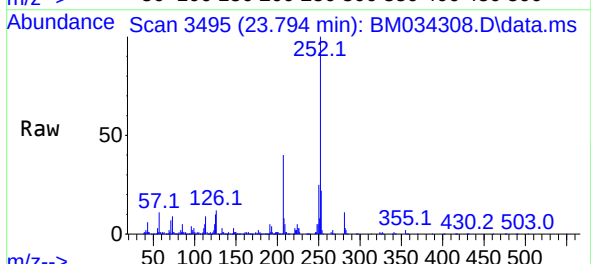
Manual Integrations
APPROVED

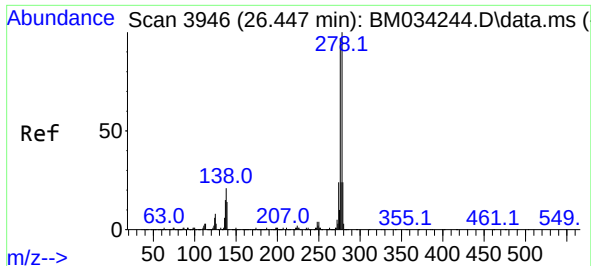
Reviewed By :Christian Giraldo 03/23/2022
Supervised By :Jagrut Upadhyay 03/23/2022



#90
Benzo(a)pyrene
Concen: 7.915 ng
RT: 23.794 min Scan# 3495
Delta R.T. -0.012 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:252 Resp: 405820
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 7.8 11.6





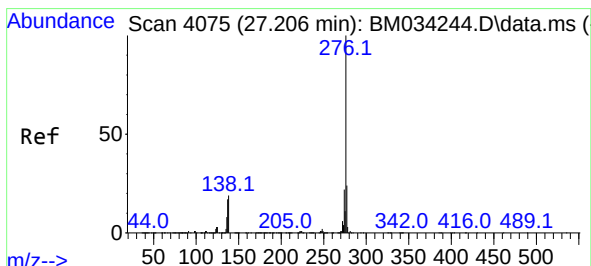
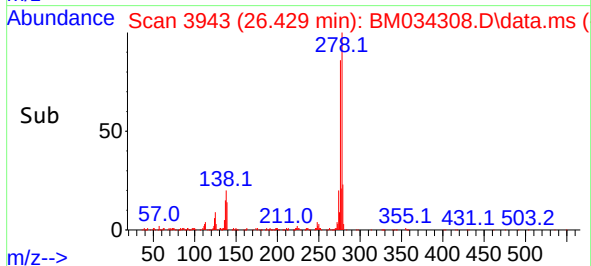
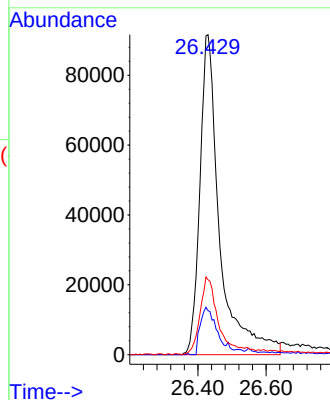
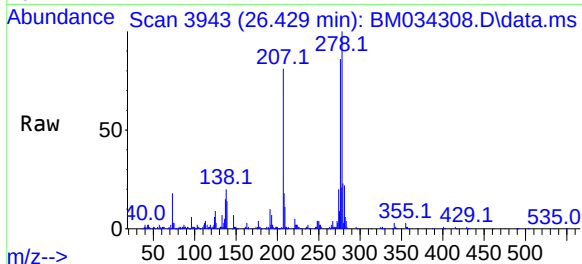
#91
Dibenzo(a,h)anthracene
Concen: 7.014 ng
RT: 26.429 min Scan# 3943
Delta R.T. -0.018 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

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

Tgt Ion:278 Resp: 37002
Ion Ratio Lower Upper
278 100
139 13.7 11.2 16.8
279 23.4 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: 7.419 ng
RT: 27.182 min Scan# 4071
Delta R.T. -0.024 min
Lab File: BM034308.D
Acq: 22 Mar 2022 13:23

Tgt Ion:276 Resp: 405087
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.0 15.6 23.4

