

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012323\
 Data File : BM038514.D
 Acq On : 23 Jan 2023 18:26
 Operator : CG/JU
 Sample : N4955-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Jan 24 05:15:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 21 01:21:49 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/24/2023
 Supervised By : Jagrut Upadhyay 01/24/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	49895	20.000	ng	0.00
21) Naphthalene-d8	10.775	136	160875	20.000	ng	0.00
39) Acenaphthene-d10	14.604	164	97869	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	225669	20.000	ng	# 0.00
76) Chrysene-d12	21.515	240	242505	20.000	ng	0.00
86) Perylene-d12	23.927	264	314467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	373257	123.668	ng	0.00
7) Phenol-d6	7.128	99	465744	120.945	ng	0.00
23) Nitrobenzene-d5	9.140	82	301473	81.377	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	198414	140.785	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	670043	84.334	ng	0.00
79) Terphenyl-d14	19.957	244	1047582	84.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	6392	4.515	ng	91
3) Pyridine	3.822	79	9461m	2.545	ng	
4) n-Nitrosodimethylamine	3.716	42	5694	3.226	ng	# 89
6) Aniline	7.299	93	16873	3.530	ng	98
8) 2-Chlorophenol	7.528	128	12297	3.988	ng	94
9) Benzaldehyde	7.110	77	12691m	5.556	ng	
10) Phenol	7.157	94	15465	4.019	ng	90
11) bis(2-Chloroethyl)ether	7.393	93	11489	3.784	ng	95
12) 1,3-Dichlorobenzene	7.851	146	13895	3.964	ng	99
13) 1,4-Dichlorobenzene	8.004	146	13965	3.943	ng	96
14) 1,2-Dichlorobenzene	8.316	146	13647	3.978	ng	96
15) Benzyl Alcohol	8.216	79	9838	3.417	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.493	45	11924	3.740	ng	96
17) 2-Methylphenol	8.416	107	8660	3.180	ng	91
18) Hexachloroethane	9.040	117	5271	4.003	ng	# 69
19) n-Nitroso-di-n-propyla...	8.775	70	8848	3.206	ng	# 94
20) 3+4-Methylphenols	8.745	107	11053	3.028	ng	91
22) Acetophenone	8.798	105	16713	3.771	ng	# 92
24) Nitrobenzene	9.181	77	16601m	4.429	ng	
25) Isophorone	9.704	82	21361	3.494	ng	# 94
26) 2-Nitrophenol	9.898	139	4971	3.341	ng	# 91
27) 2,4-Dimethylphenol	9.951	122	8418	3.400	ng	# 89
28) bis(2-Chloroethoxy)met...	10.192	93	12705	3.552	ng	# 97
29) 2,4-Dichlorophenol	10.428	162	9865	3.396	ng	92
30) 1,2,4-Trichlorobenzene	10.639	180	12893	3.881	ng	95
31) Naphthalene	10.828	128	30832	3.528	ng	99
32) Benzoic acid	10.051	122	2923m	6.921	ng	
33) 4-Chloroaniline	10.951	127	10873	2.981	ng	99
34) Hexachlorobutadiene	11.098	225	9106	4.167	ng	96
35) Caprolactam	11.734	113	1482	2.104	ng	91
36) 4-Chloro-3-methylphenol	12.069	107	8605	3.257	ng	91
37) 2-Methylnaphthalene	12.433	142	19927	3.173	ng	# 95
38) 1-Methylnaphthalene	12.651	142	19787	3.340	ng	90
40) 1,2,4,5-Tetrachloroben...	12.798	216	14290	3.882	ng	95
41) Hexachlorocyclopentadiene	12.769	237	7309	3.612	ng	92
43) 2,4,6-Trichlorophenol	13.039	196	8097	3.436	ng	91

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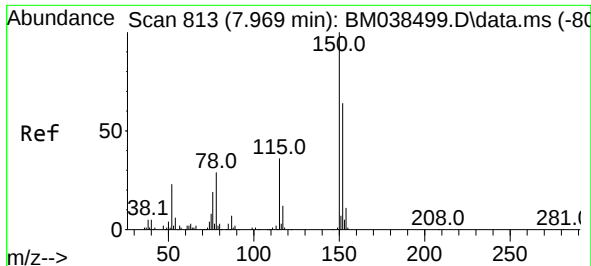
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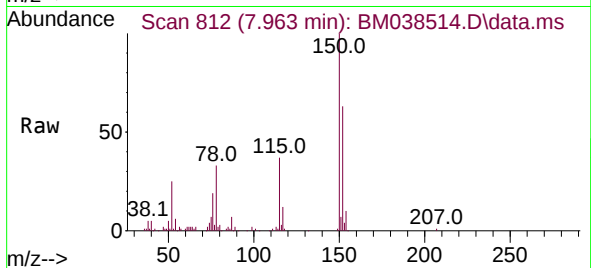
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	8973	3.251	ng	# 90
46) 1,1'-Biphenyl	13.439	154	29664	3.785	ng	97
47) 2-Chloronaphthalene	13.480	162	23645	3.864	ng	99
48) 2-Nitroaniline	13.692	65	5101	2.839	ng	93
49) Acenaphthylene	14.327	152	31900	3.332	ng	98
50) Dimethylphthalate	14.057	163	27464	3.645	ng	# 98
51) 2,6-Dinitrotoluene	14.186	165	4648	2.932	ng	# 75
52) Acenaphthene	14.663	154	20437	3.501	ng	96
53) 3-Nitroaniline	14.522	138	3702	2.350	ng	# 79
54) 2,4-Dinitrophenol	14.733	184	2347	6.645	ng	# 90
55) Dibenzofuran	14.998	168	35565	3.644	ng	94
56) 4-Nitrophenol	14.833	139	2670	2.058	ng	# 80
57) 2,4-Dinitrotoluene	14.975	165	5862	2.728	ng	# 92
58) Fluorene	15.645	166	26028	3.288	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	7543	3.343	ng	# 98
60) Diethylphthalate	15.410	149	25377	3.440	ng	98
61) 4-Chlorophenyl-phenyle...	15.639	204	15170	3.651	ng	97
62) 4-Nitroaniline	15.680	138	3365	5.127	ng	86
63) Azobenzene	15.927	77	24690	3.159	ng	93
65) 4,6-Dinitro-2-methylph...	15.733	198	3645	2.488	ng	92
66) n-Nitrosodiphenylamine	15.851	169	22818	3.368	ng	92
67) 4-Bromophenyl-phenylether	16.533	248	8490	3.392	ng	97
68) Hexachlorobenzene	16.645	284	10779	3.991	ng	99
69) Atrazine	16.798	200	7743	3.426	ng	93
70) Pentachlorophenol	16.992	266	5229	2.719	ng	96
71) Phenanthrene	17.386	178	44356	3.520	ng	96
72) Anthracene	17.474	178	41758	3.256	ng	95
73) Carbazole	17.751	167	35505	3.144	ng	97
74) Di-n-butylphthalate	18.298	149	35783	2.884	ng	99
75) Fluoranthene	19.398	202	48786	3.221	ng	99
77) Benzidine	19.586	184	19105	3.457	ng	97
78) Pyrene	19.757	202	53920	3.193	ng	96
80) Butylbenzylphthalate	20.645	149	16221	2.778	ng	97
81) Benzo(a)anthracene	21.498	228	61697	3.590	ng	99
82) 3,3'-Dichlorobenzidine	21.433	252	21879	3.964	ng	93
83) Chrysene	21.551	228	61319	3.649	ng	98
84) Bis(2-ethylhexyl)phtha...	21.415	149	22136	2.616	ng	97
85) Di-n-octyl phthalate	22.339	149	41307	2.745	ng	96
87) Indeno(1,2,3-cd)pyrene	26.444	276	81272	3.493	ng	97
88) Benzo(b)fluoranthene	23.192	252	68038	3.587	ng	97
89) Benzo(k)fluoranthene	23.239	252	65632	3.344	ng	98
90) Benzo(a)pyrene	23.821	252	58662	3.119	ng	98
91) Dibenzo(a,h)anthracene	26.450	278	70517	3.641	ng	98
92) Benzo(g,h,i)perylene	27.215	276	73738	3.717	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

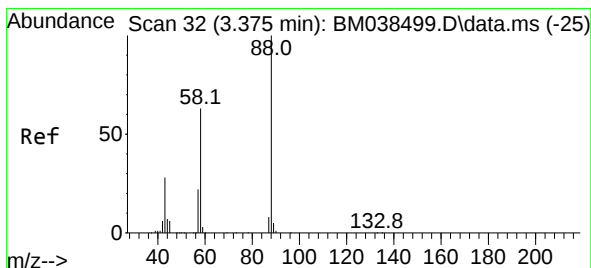
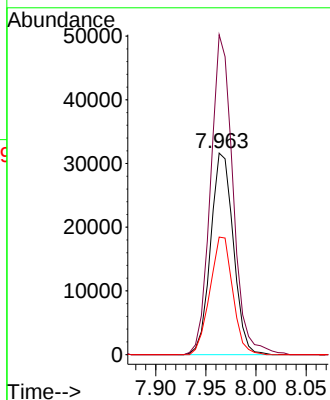
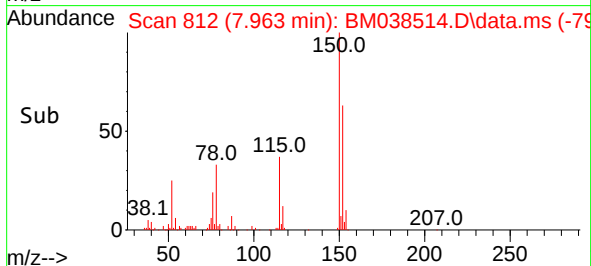
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



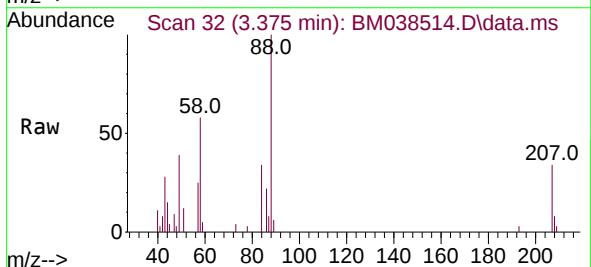
Tgt Ion:152 Resp: 49895
Ion Ratio Lower Upper
152 100
150 158.7 124.2 186.4
115 58.3 44.8 67.2

Manual Integrations
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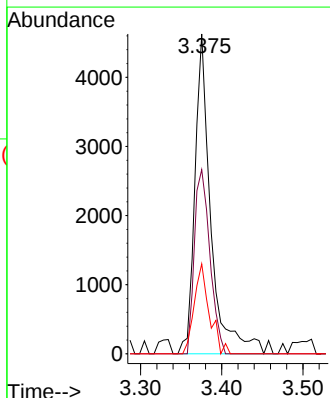
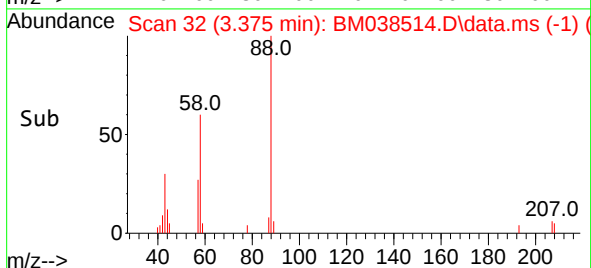
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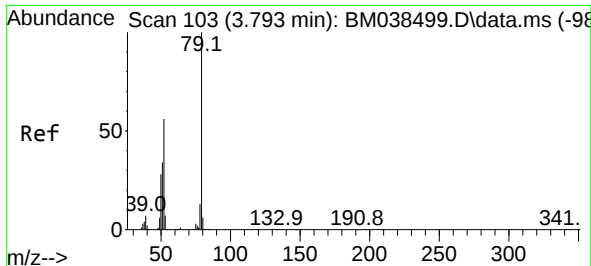


#2
1,4-Dioxane
Concen: 4.515 ng
RT: 3.375 min Scan# 32
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



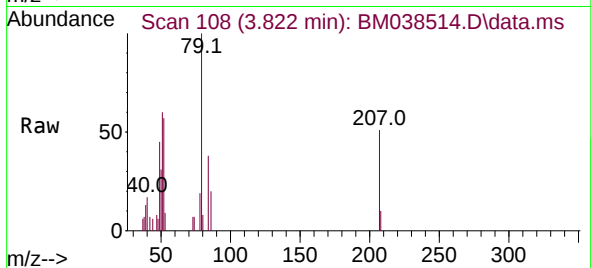
Tgt Ion: 88 Resp: 6392
Ion Ratio Lower Upper
88 100
58 55.1 50.5 75.7
43 26.3 23.9 35.9





#3
Pyridine
Concen: 2.545 ng m
RT: 3.822 min Scan# 10
Delta R.T. 0.030 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

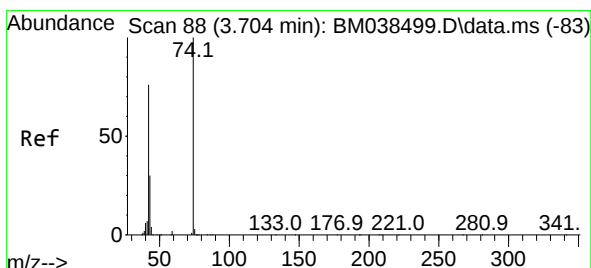
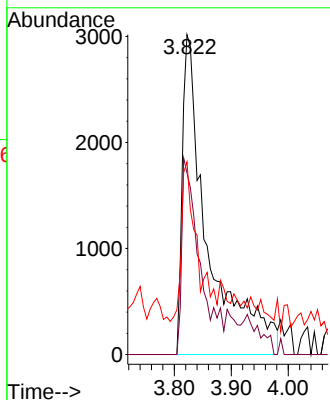
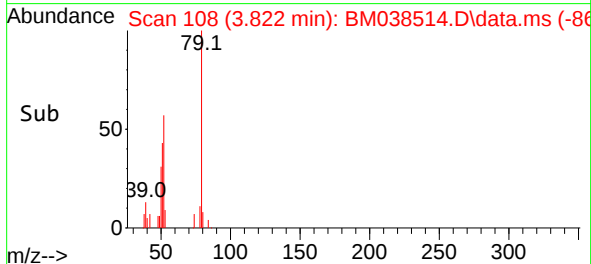
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 79 Resp: 946
Ion Ratio Lower Upper
79 100
52 56.7 45.0 67.4
51 60.2 27.1 40.7

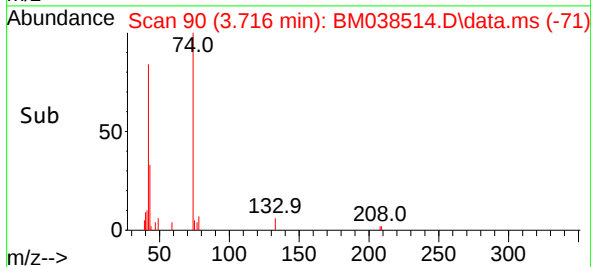
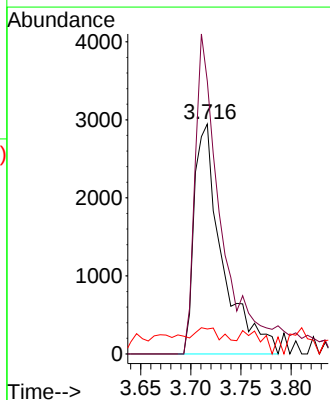
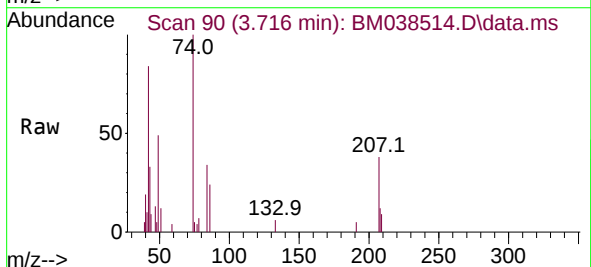
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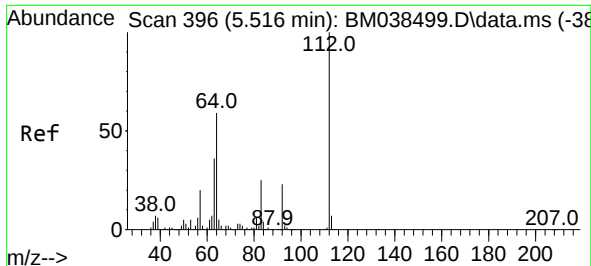
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#4
n-Nitrosodimethylamine
Concen: 3.226 ng
RT: 3.716 min Scan# 90
Delta R.T. 0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 42 Resp: 5694
Ion Ratio Lower Upper
42 100
74 118.6 105.0 157.4
44 10.9 4.1 6.1





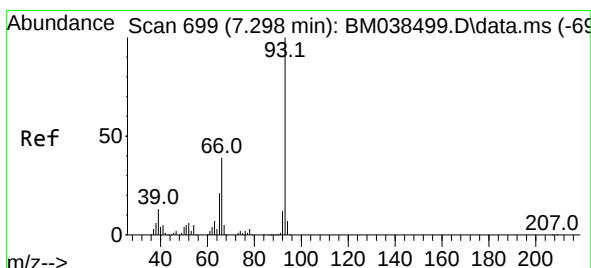
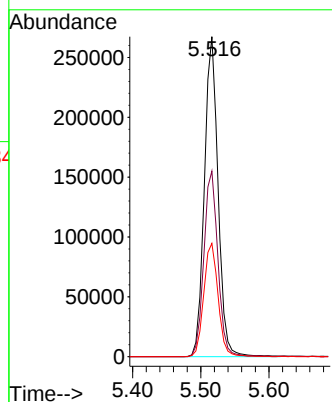
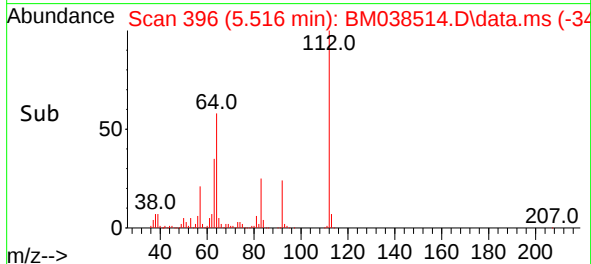
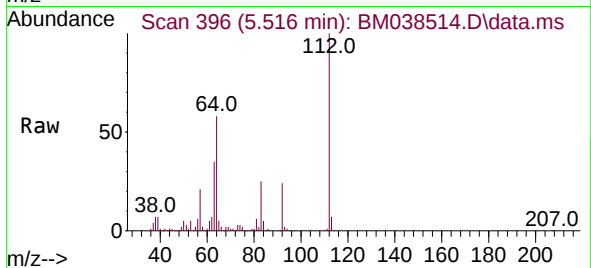
#5
2-Fluorophenol
Concen: 123.668 ng
RT: 5.516 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 112 Resp: 37325
Ion Ratio Lower Upper
112 100
64 58.0 47.3 70.9
63 35.4 28.8 43.2

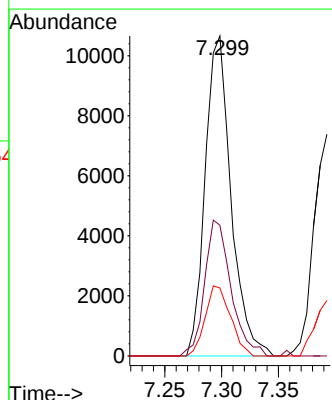
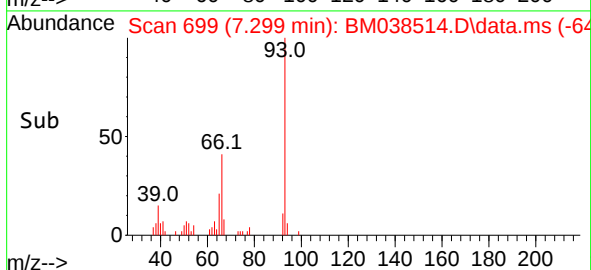
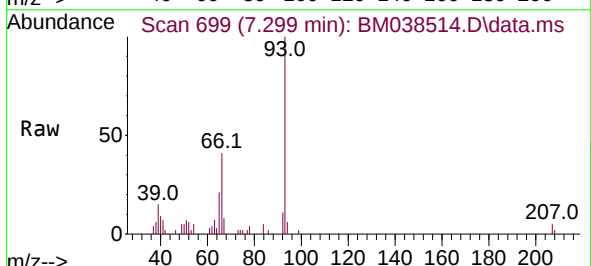
Manual Integrations
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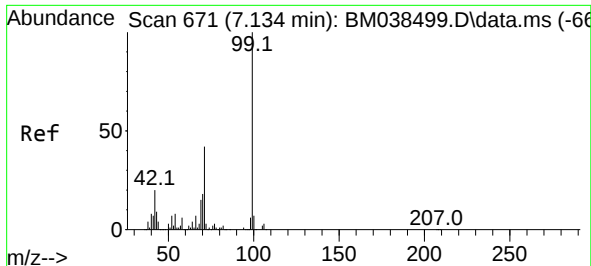
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#6
Aniline
Concen: 3.530 ng
RT: 7.299 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 93 Resp: 16873
Ion Ratio Lower Upper
93 100
66 40.8 31.6 47.4
65 21.2 16.6 24.8





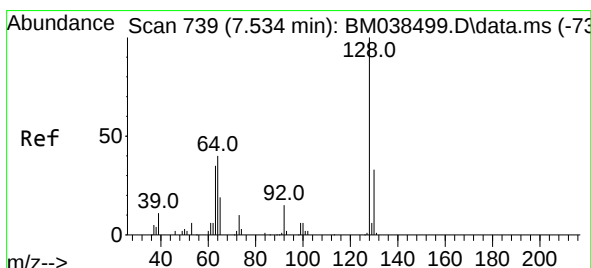
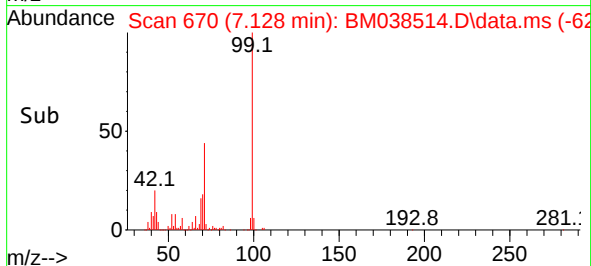
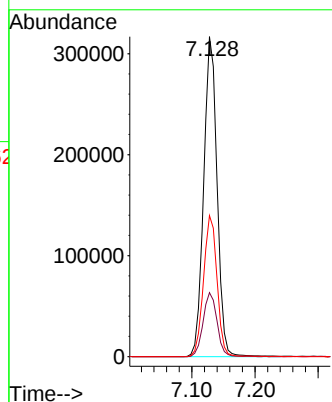
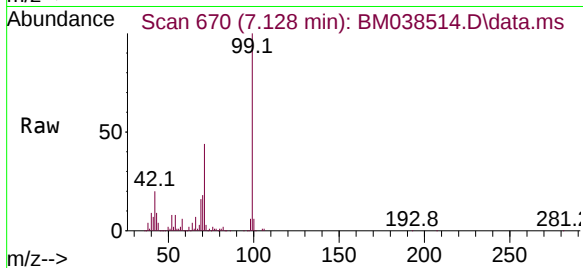
#7
Phenol-d6
Concen: 120.945 ng
RT: 7.128 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 99 Resp: 465744
Ion Ratio Lower Upper
99 100
42 20.0 16.0 24.0
71 44.1 33.8 50.6

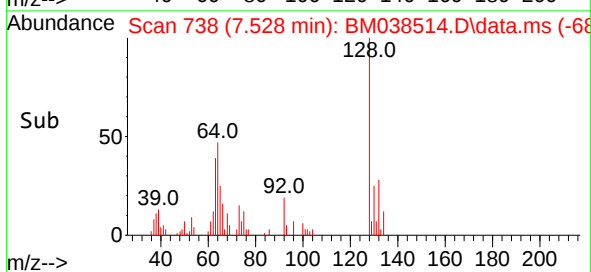
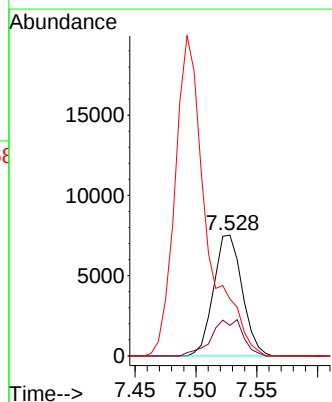
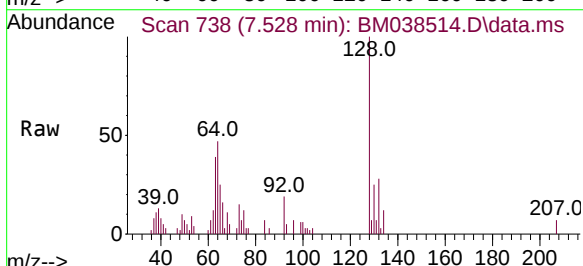
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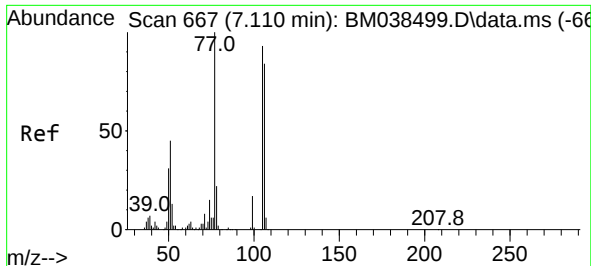
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#8
2-Chlorophenol
Concen: 3.988 ng
RT: 7.528 min Scan# 738
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:128 Resp: 12297
Ion Ratio Lower Upper
128 100
130 25.2 13.2 53.2
64 46.9 27.7 67.7





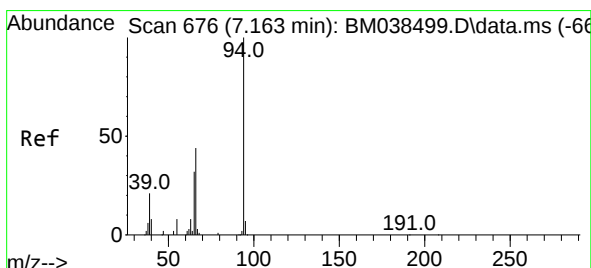
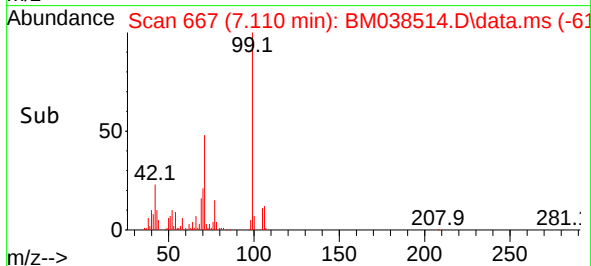
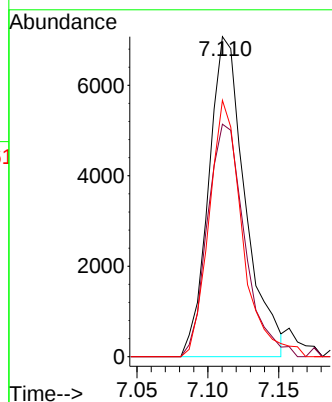
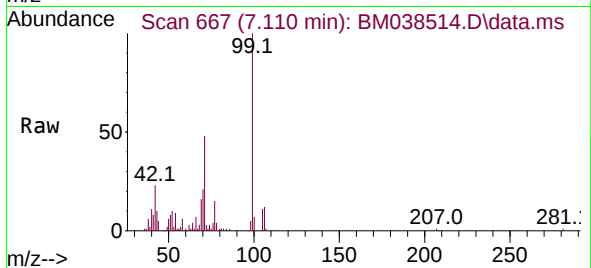
#9
Benzaldehyde
Concen: 5.556 ng m
RT: 7.110 min Scan# 667
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 77 Resp: 1269
Ion Ratio Lower Upper
77 100
105 72.6 72.9 112.9
106 80.1 63.8 103.8

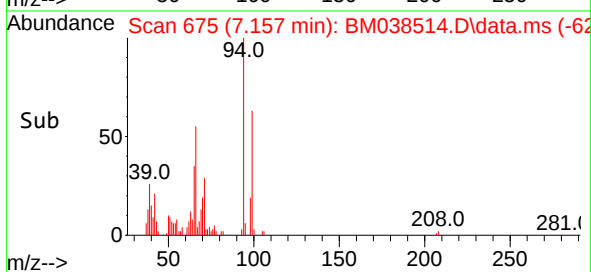
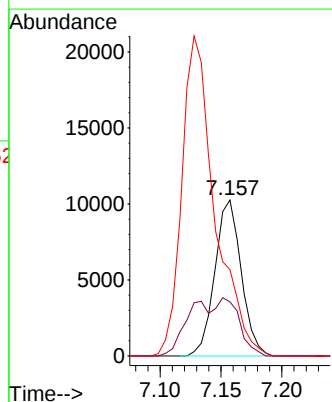
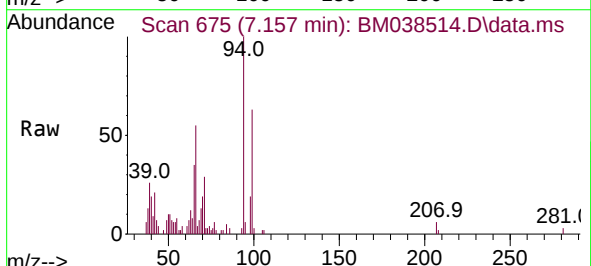
Manual Integrations
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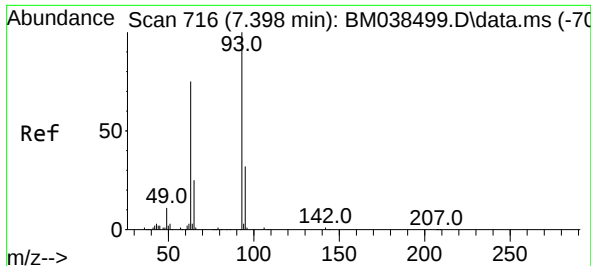
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#10
Phenol
Concen: 4.019 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion: 94 Resp: 15465
Ion Ratio Lower Upper
94 100
65 34.6 12.7 52.7
66 55.2 26.0 66.0





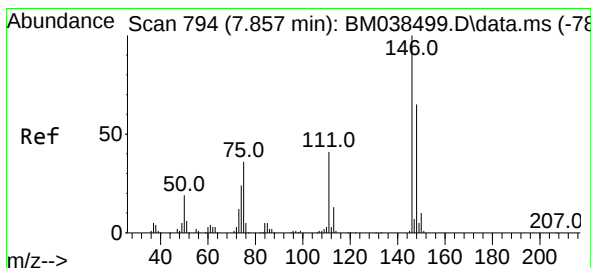
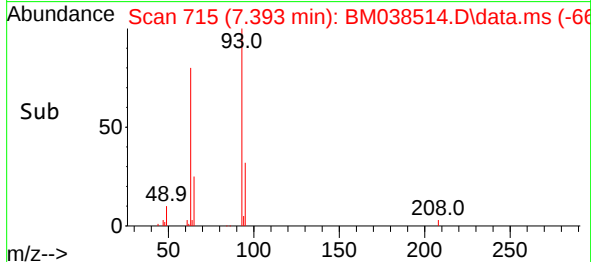
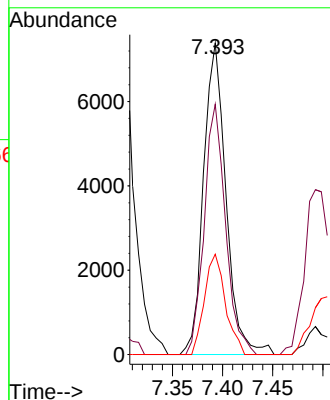
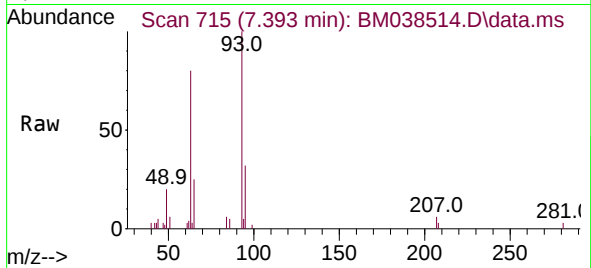
#11
bis(2-Chloroethyl)ether
Concen: 3.784 ng
RT: 7.393 min Scan# 716
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion: 93 Resp: 11489
Ion Ratio Lower Upper
93 100
63 80.4 54.4 94.4
95 32.2 11.4 51.4

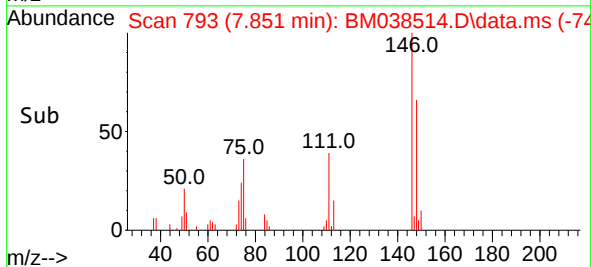
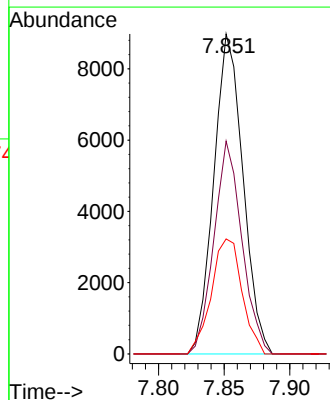
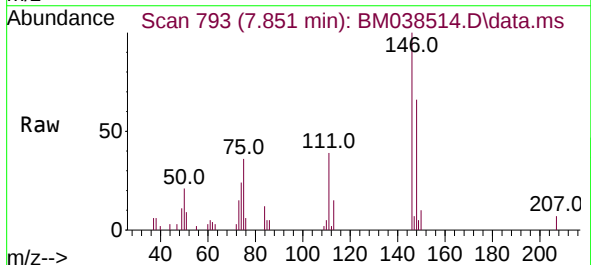
Manual Integrations
APPROVED

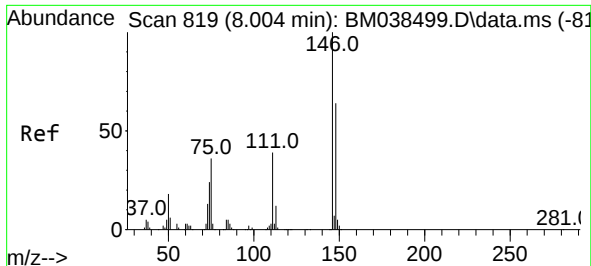
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#12
1,3-Dichlorobenzene
Concen: 3.964 ng
RT: 7.851 min Scan# 793
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:146 Resp: 13895
Ion Ratio Lower Upper
146 100
148 66.5 52.1 78.1
75 35.9 28.7 43.1





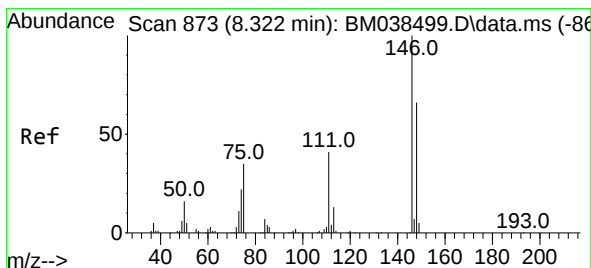
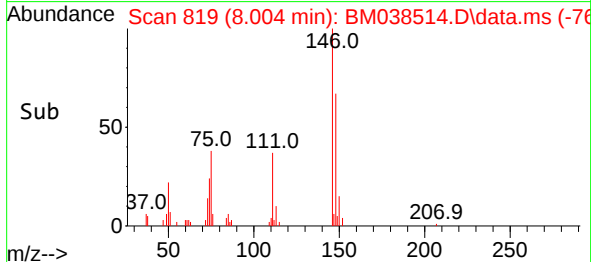
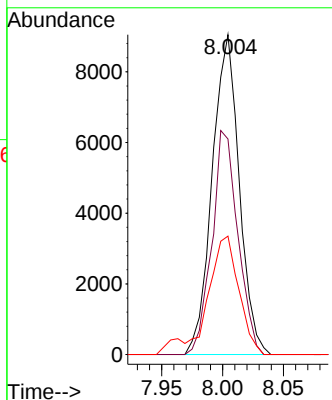
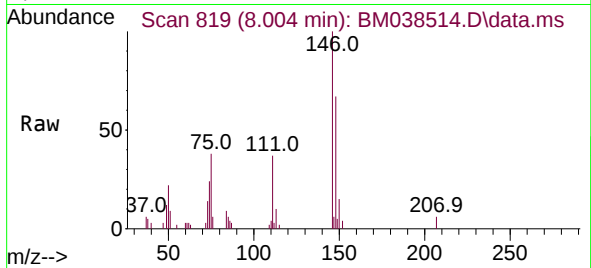
#13
1,4-Dichlorobenzene
Concen: 3.943 ng
RT: 8.004 min Scan# 819
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:146 Resp: 13965
Ion Ratio Lower Upper
146 100
148 67.4 51.3 76.9
111 37.0 31.4 47.0

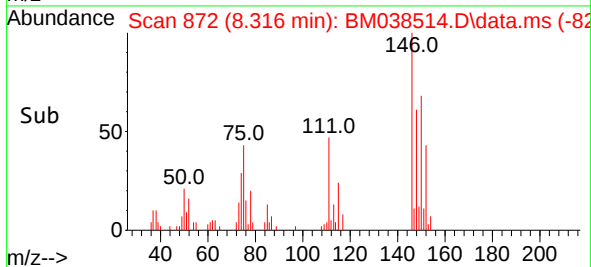
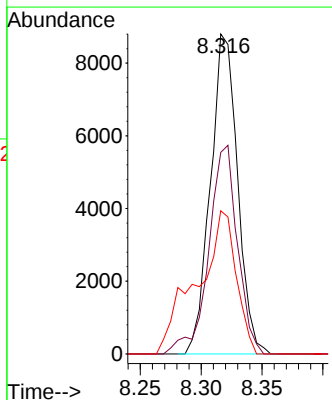
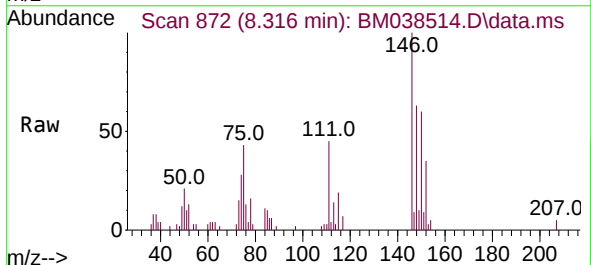
Manual Integrations
APPROVED

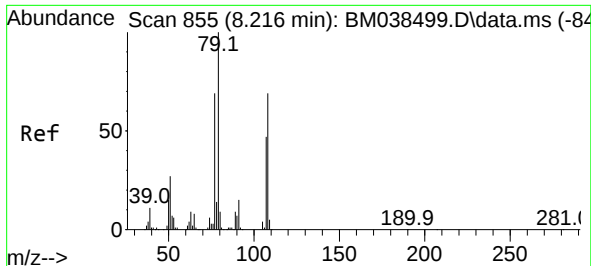
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#14
1,2-Dichlorobenzene
Concen: 3.978 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

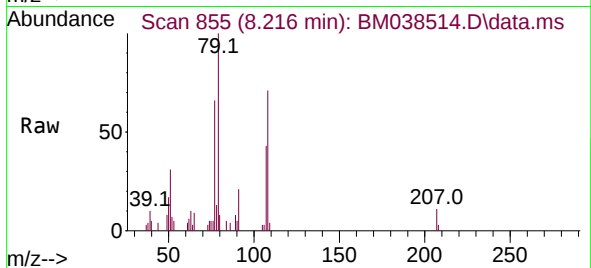
Tgt Ion:146 Resp: 13647
Ion Ratio Lower Upper
146 100
148 63.0 52.7 79.1
111 44.7 33.2 49.8





#15
Benzyl Alcohol
Concen: 3.417 ng
RT: 8.216 min Scan# 855
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

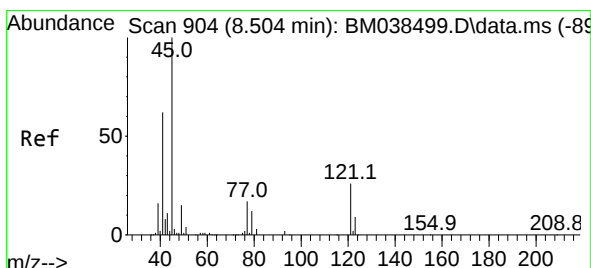
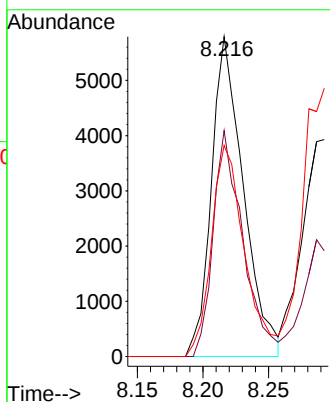
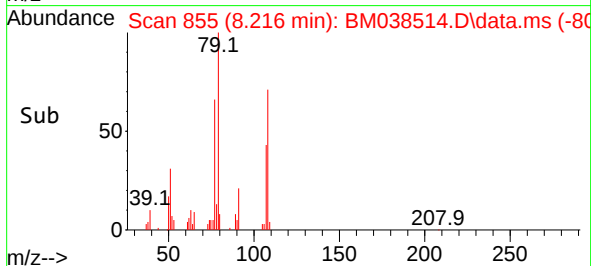
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



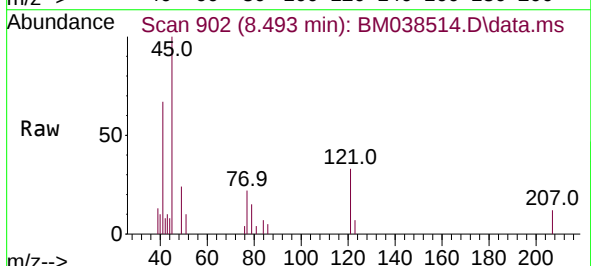
Tgt Ion: 79 Resp: 9838
Ion Ratio Lower Upper
79 100
108 70.6 55.0 82.6
77 66.0 55.0 82.4

Manual Integrations
APPROVED

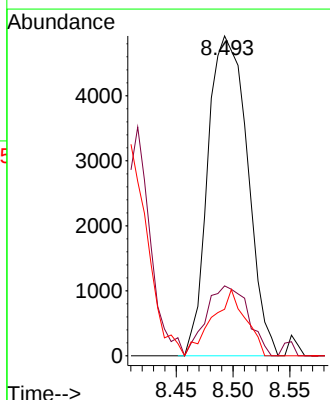
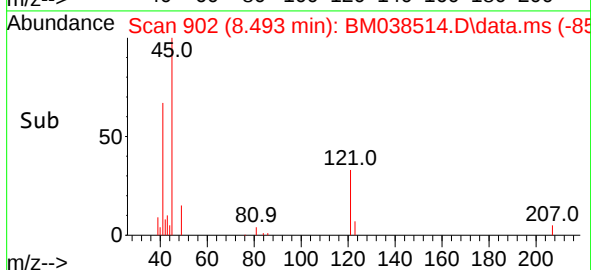
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

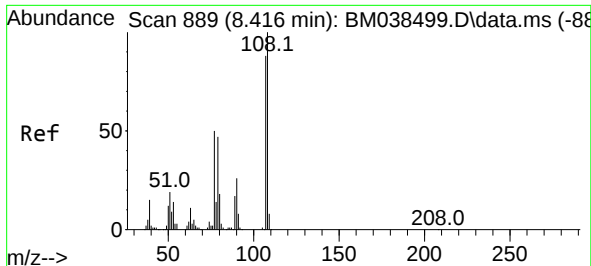


#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.740 ng
RT: 8.493 min Scan# 902
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



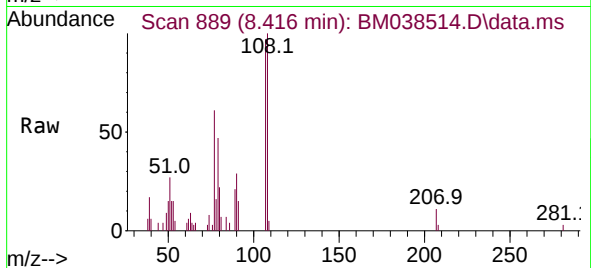
Tgt Ion: 45 Resp: 11924
Ion Ratio Lower Upper
45 100
77 21.9 0.0 39.2
79 14.6 0.0 34.9





#17
2-Methylphenol
Concen: 3.180 ng
RT: 8.416 min Scan# 889
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

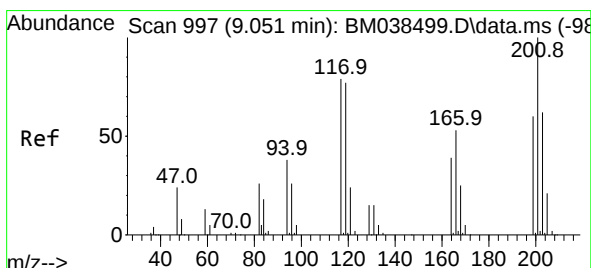
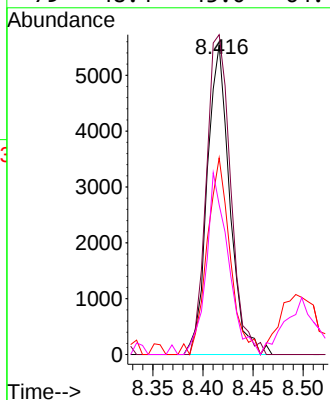
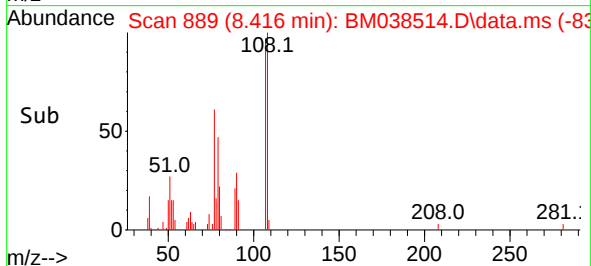
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:	107	Resp:	8660
Ion	Ratio	Lower	Upper
107	100		
108	103.4	90.8	136.2
77	63.6	46.1	69.1
79	48.4	43.0	64.4

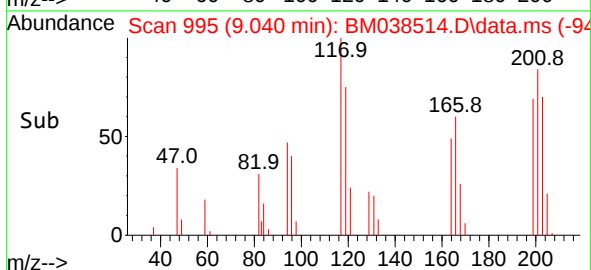
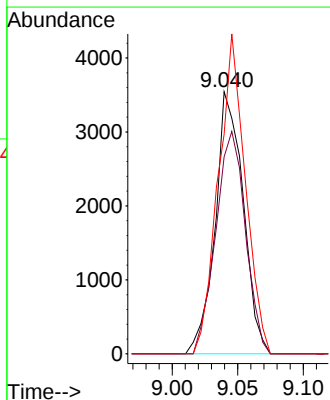
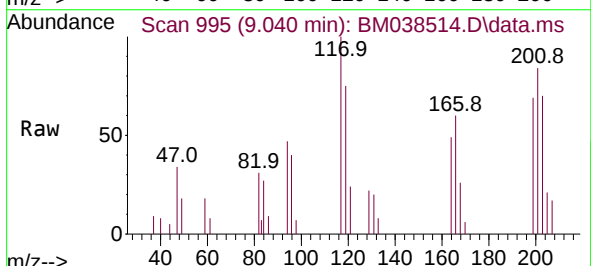
Manual Integrations
APPROVED

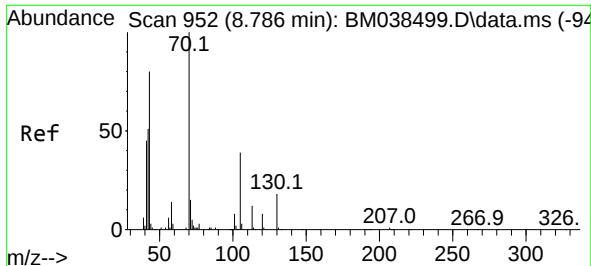
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#18
Hexachloroethane
Concen: 4.003 ng
RT: 9.040 min Scan# 995
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

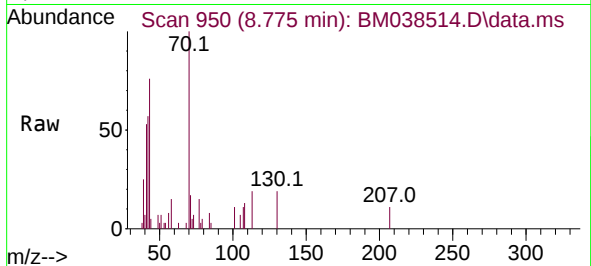
Tgt Ion:	117	Resp:	5271
Ion	Ratio	Lower	Upper
117	100		
119	75.1	77.9	116.9#
201	83.7	100.6	151.0#





#19
n-Nitroso-di-n-propylamine
Concen: 3.206 ng
RT: 8.775 min Scan# 91
Delta R.T. -0.011 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

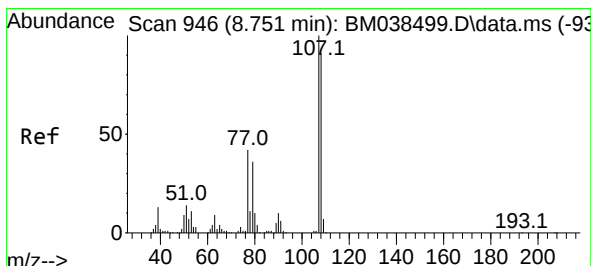
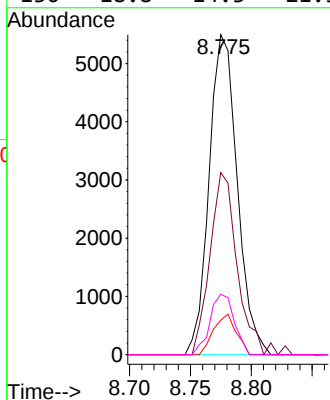
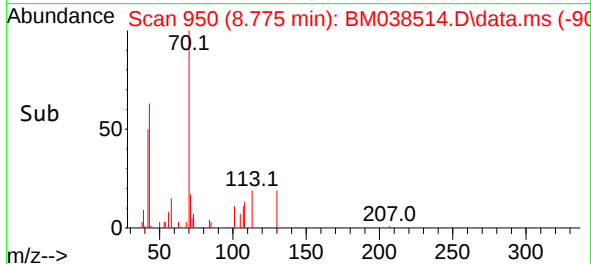
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



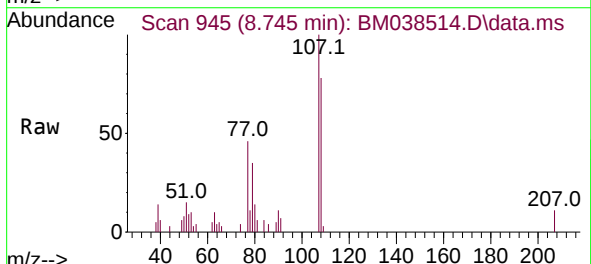
Tgt Ion: 70 Resp: 8848
Ion Ratio Lower Upper
70 100
42 56.9 41.4 62.2
101 10.7 6.5 9.7
130 18.8 14.3 21.5

Manual Integrations
APPROVED

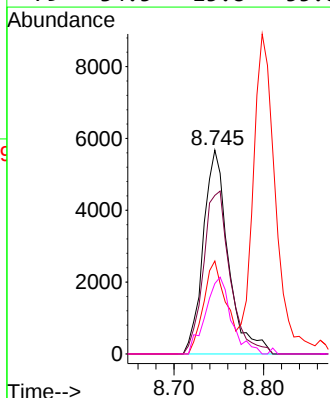
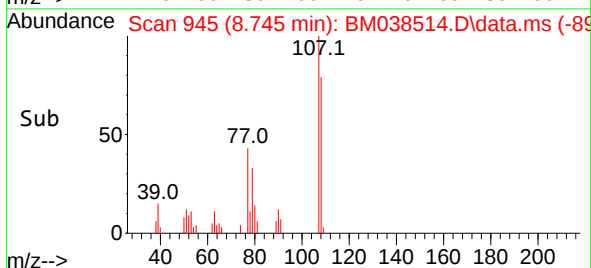
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

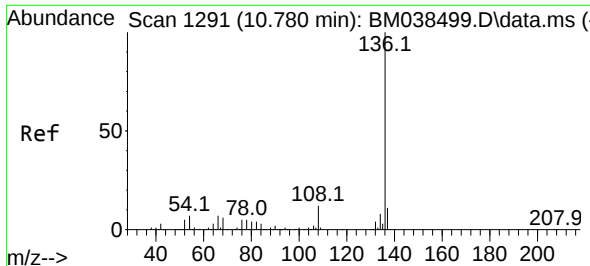


#20
3+4-Methylphenols
Concen: 3.028 ng
RT: 8.745 min Scan# 945
Delta R.T. -0.005 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



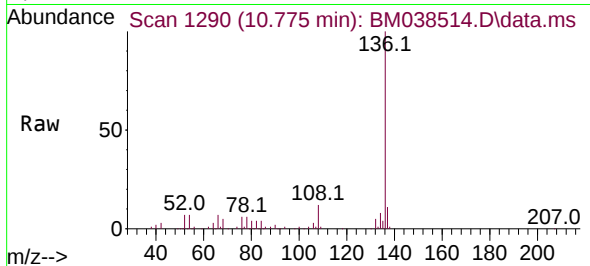
Tgt Ion: 107 Resp: 11053
Ion Ratio Lower Upper
107 100
108 77.8 70.7 110.7
77 45.6 22.0 62.0
79 34.5 15.8 55.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.775 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

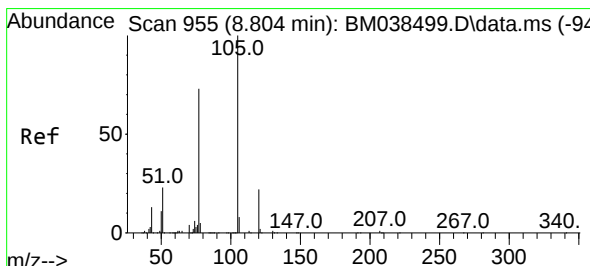
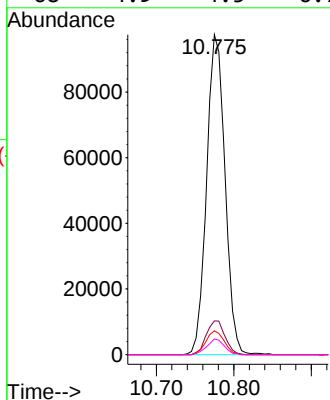
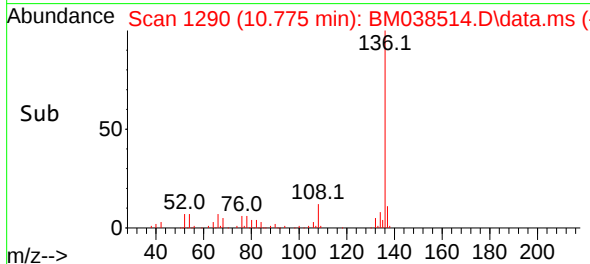
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:136 Resp: 160875
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.4 6.0 9.0
68 4.9 4.5 6.7

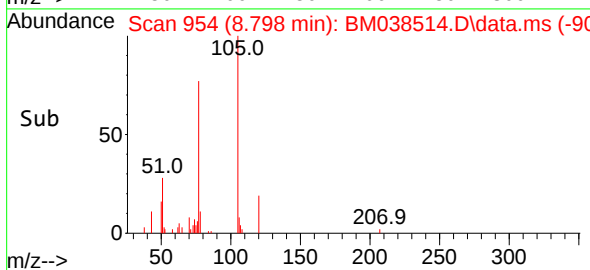
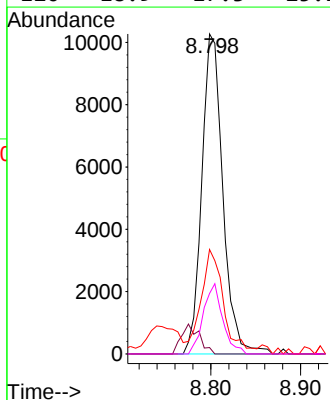
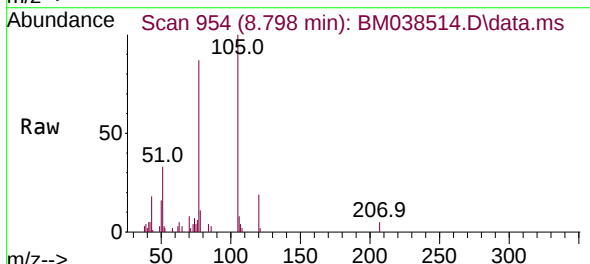
Manual Integrations
APPROVED

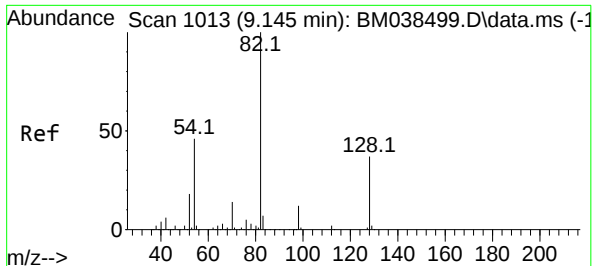
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#22
Acetophenone
Concen: 3.771 ng
RT: 8.798 min Scan# 954
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

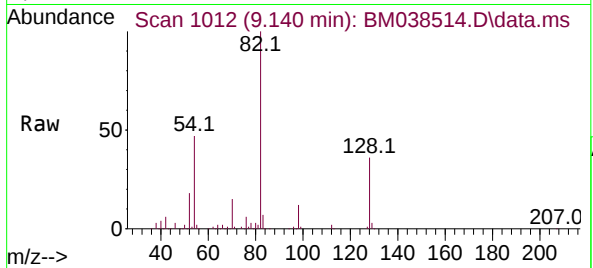
Tgt Ion:105 Resp: 16713
Ion Ratio Lower Upper
105 100
71 2.0 0.9 1.3#
51 32.6 21.8 32.8
120 18.9 17.3 25.9





#23
Nitrobenzene-d5
Concen: 81.377 ng
RT: 9.140 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

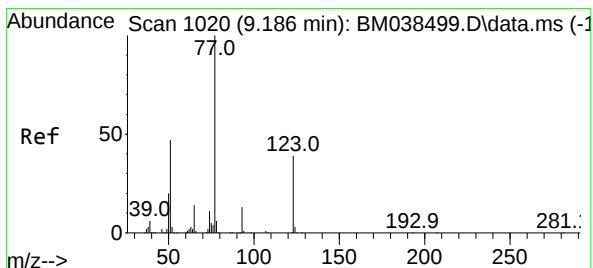
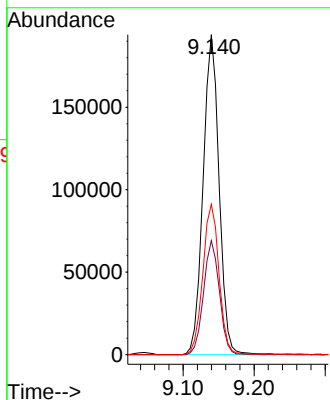
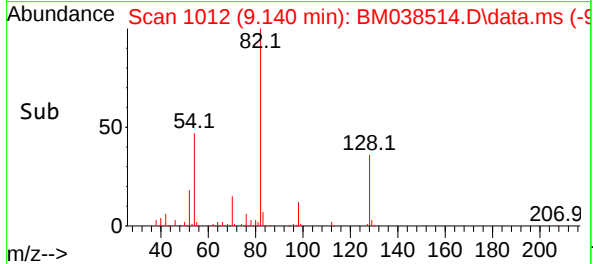
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 82 Resp: 301473
Ion Ratio Lower Upper
82 100
128 35.6 29.3 43.9
54 47.0 36.9 55.3

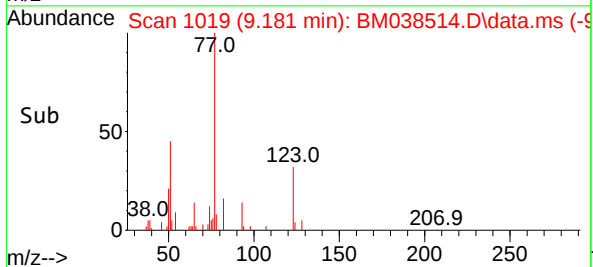
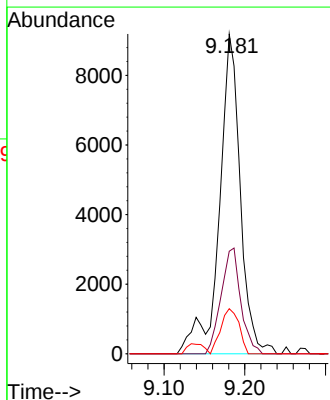
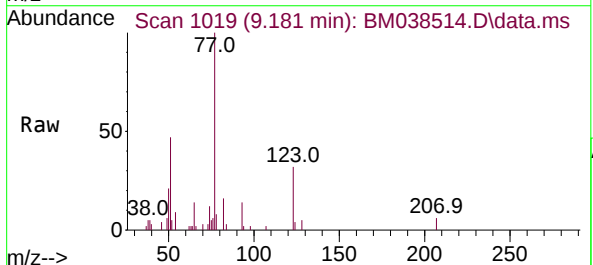
Manual Integrations
APPROVED

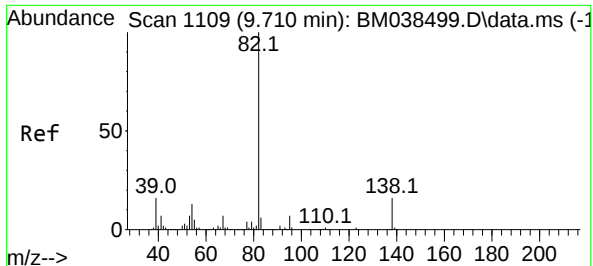
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#24
Nitrobenzene
Concen: 4.429 ng m
RT: 9.181 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

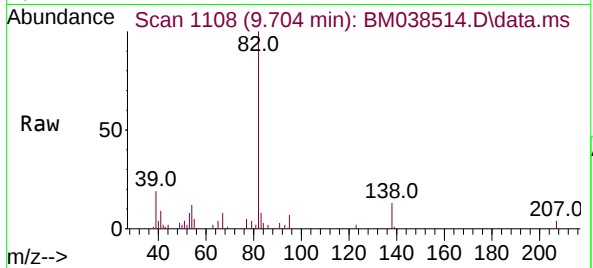
Tgt Ion: 77 Resp: 16601
Ion Ratio Lower Upper
77 100
123 32.1 31.5 47.3
65 14.1 11.2 16.8





#25
Isophorone
Concen: 3.494 ng
RT: 9.704 min Scan# 1108
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

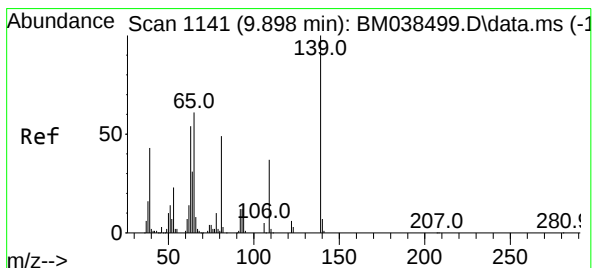
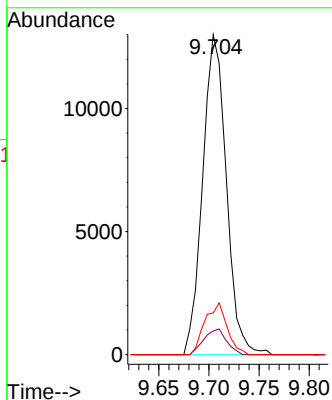
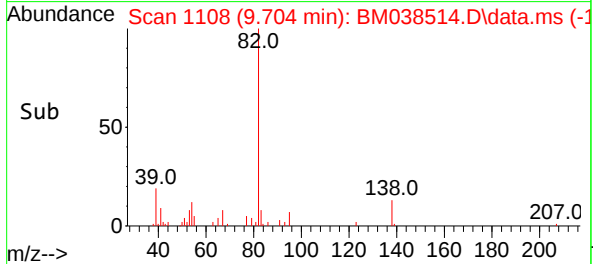
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



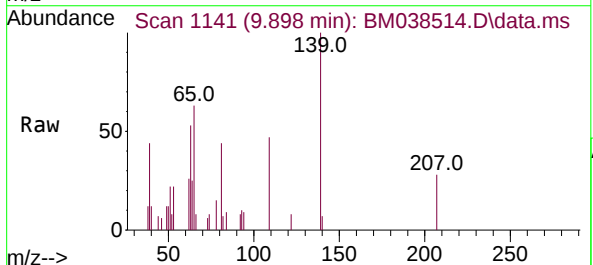
Tgt Ion: 82 Resp: 2136
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 13.0 13.2 19.8

Manual Integrations
APPROVED

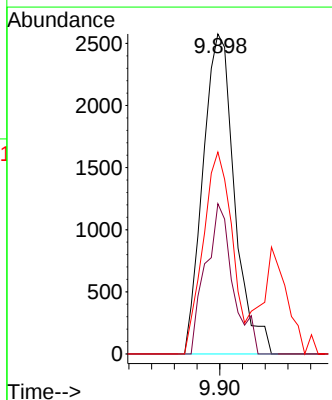
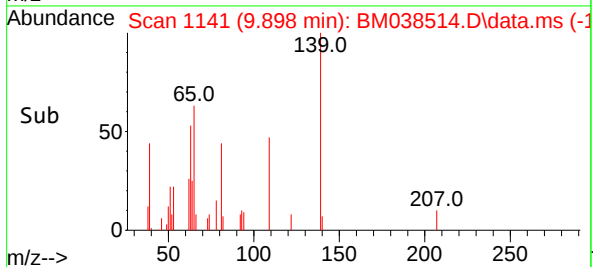
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

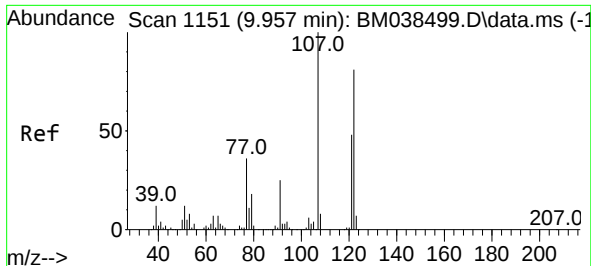


#26
2-Nitrophenol
Concen: 3.341 ng
RT: 9.898 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



Tgt Ion:139 Resp: 4971
Ion Ratio Lower Upper
139 100
109 46.9 29.3 43.9#
65 63.1 48.6 72.8





#27

2,4-Dimethylphenol

Concen: 3.400 ng

RT: 9.951 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BM038514.D

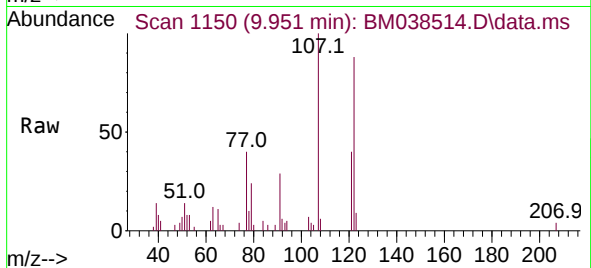
Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022



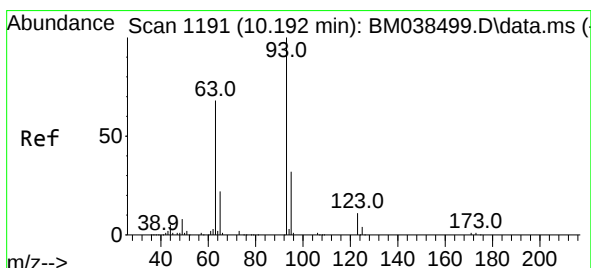
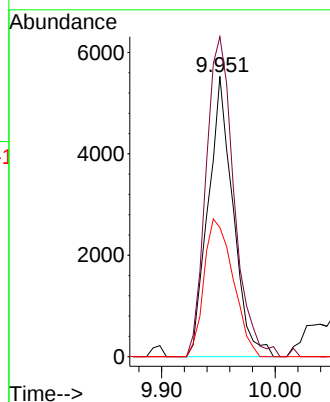
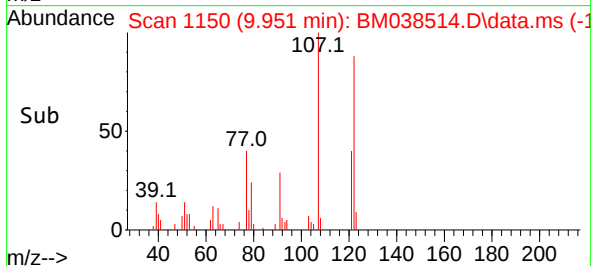
Tgt Ion:	122	Resp:	8418
Ion	Ratio	Lower	Upper
122	100		
107	114.2	98.2	147.2
121	46.1	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.552 ng

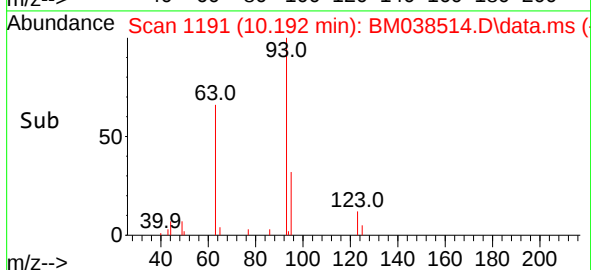
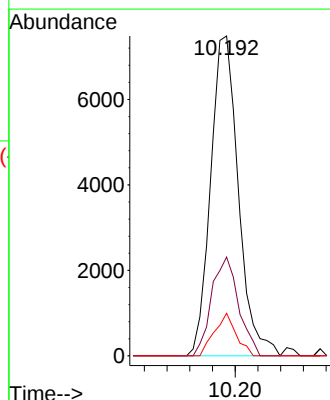
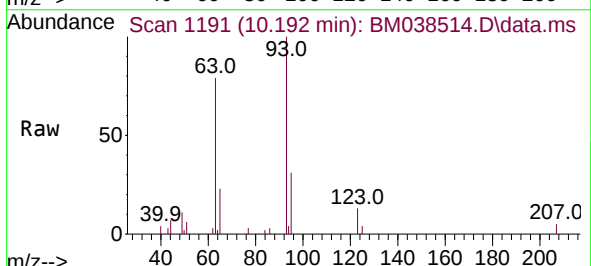
RT: 10.192 min Scan# 1191

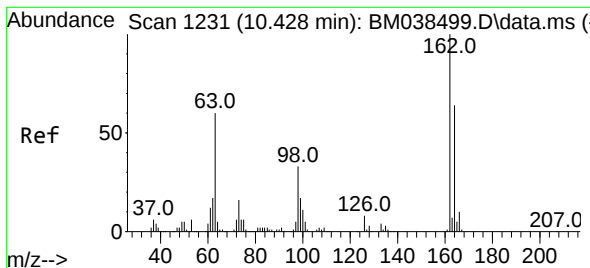
Delta R.T. 0.000 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:	93	Resp:	12705
Ion	Ratio	Lower	Upper
93	100		
95	30.9	25.3	37.9
123	13.3	8.8	13.2





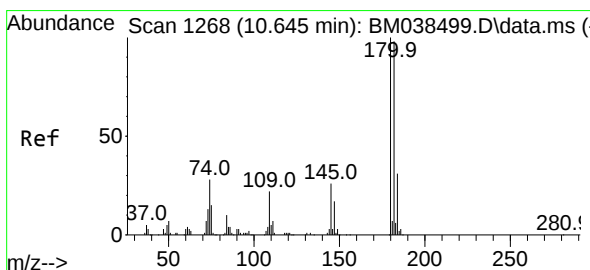
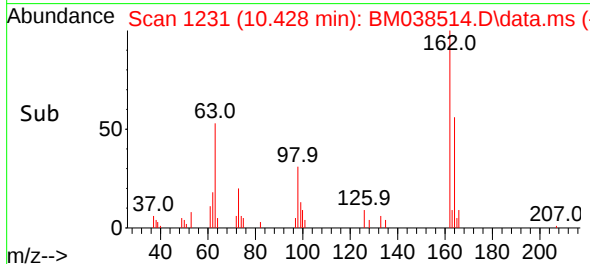
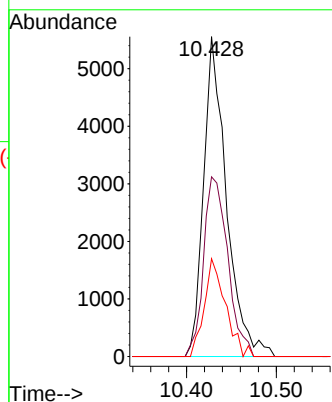
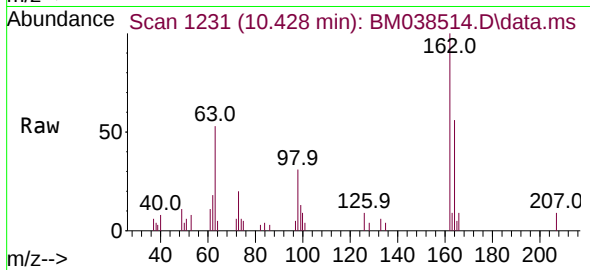
#29
2,4-Dichlorophenol
Concen: 3.396 ng
RT: 10.428 min Scan# 1231
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:162 Resp: 986
Ion Ratio Lower Upper
162 100
164 56.2 43.7 83.7
98 30.6 12.9 52.9

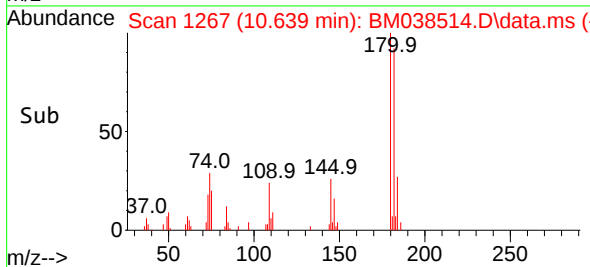
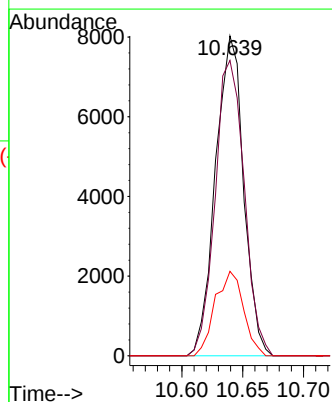
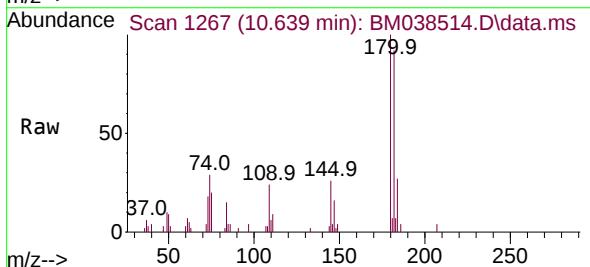
Manual Integrations
APPROVED

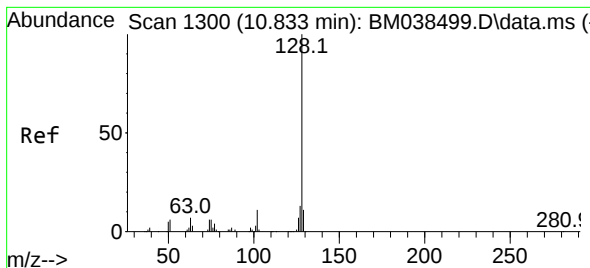
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#30
1,2,4-Trichlorobenzene
Concen: 3.881 ng
RT: 10.639 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

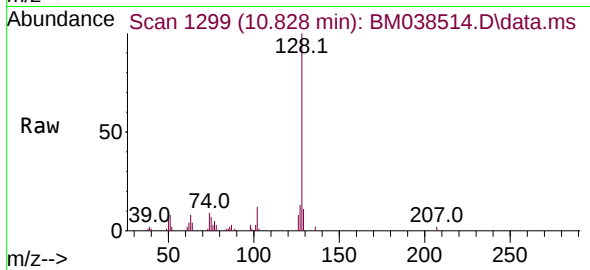
Tgt Ion:180 Resp: 12893
Ion Ratio Lower Upper
180 100
182 92.3 78.3 117.5
145 26.4 21.0 31.6





#31
Naphthalene
Concen: 3.528 ng
RT: 10.828 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

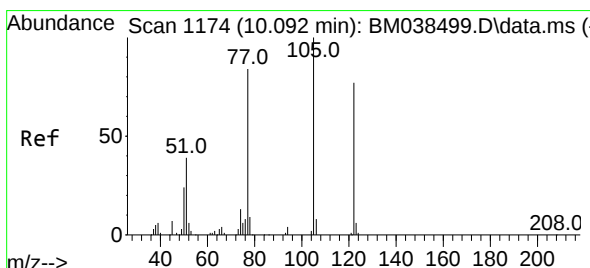
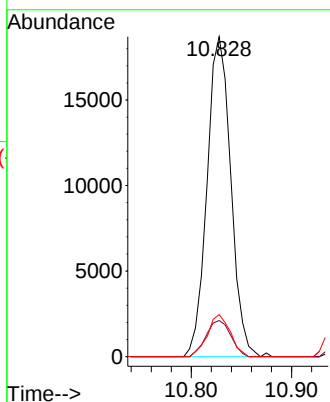
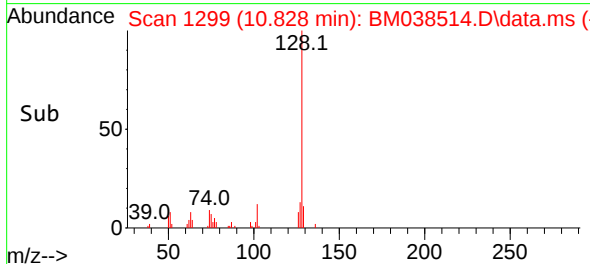
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:128 Resp: 30832
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.1 10.3 15.5

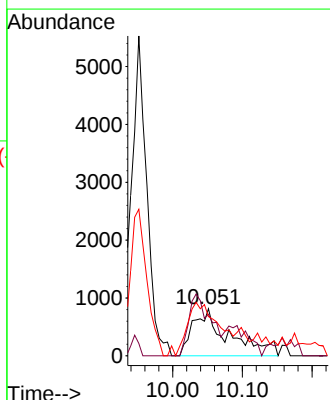
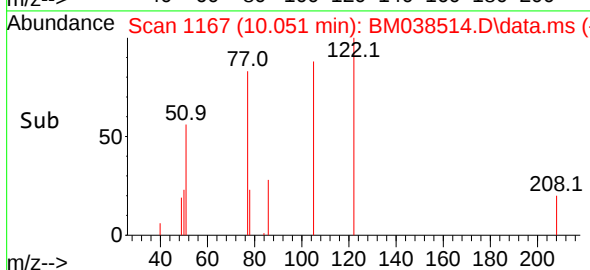
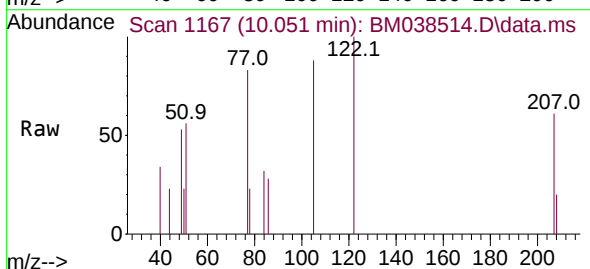
Manual Integrations
APPROVED

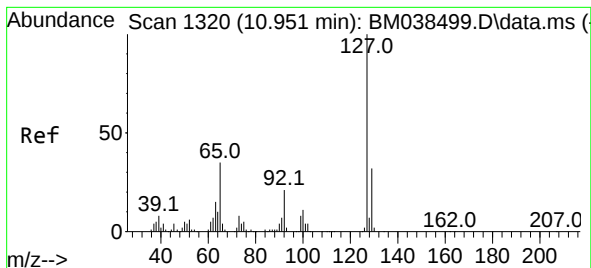
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#32
Benzoic acid
Concen: 6.921 ng m
RT: 10.051 min Scan# 1167
Delta R.T. -0.041 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:122 Resp: 2923
Ion Ratio Lower Upper
122 100
105 88.4 107.9 147.9#
77 83.4 88.6 128.6#





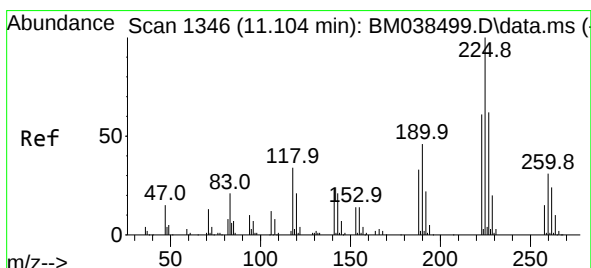
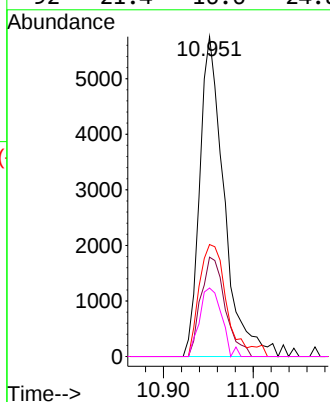
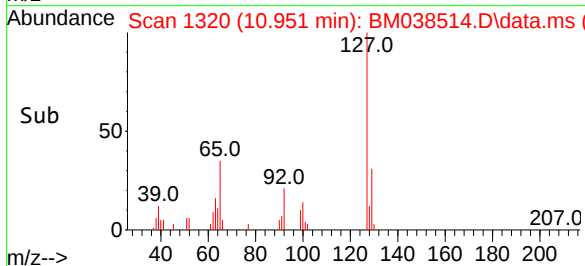
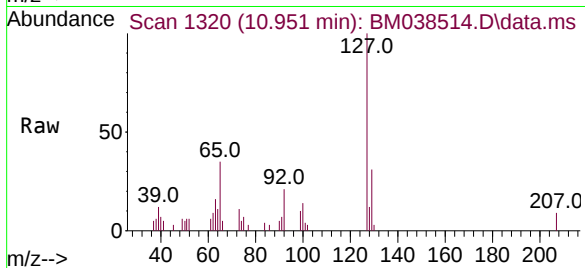
#33
4-Chloroaniline
Concen: 2.981 ng
RT: 10.951 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.8	38.6
65	35.0	28.2	42.2
92	21.4	16.6	24.8

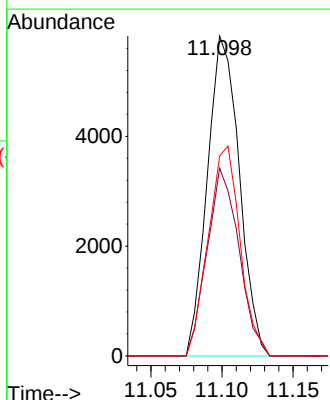
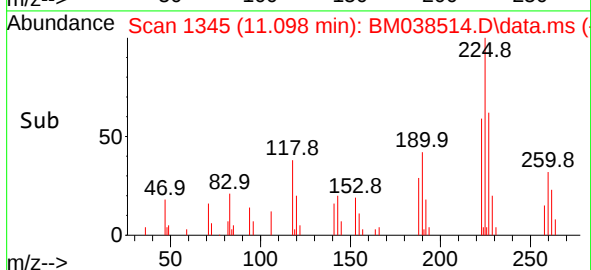
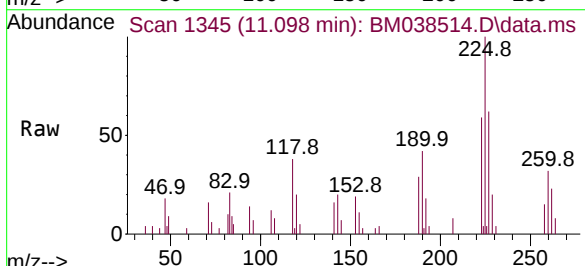
Manual Integrations
APPROVED

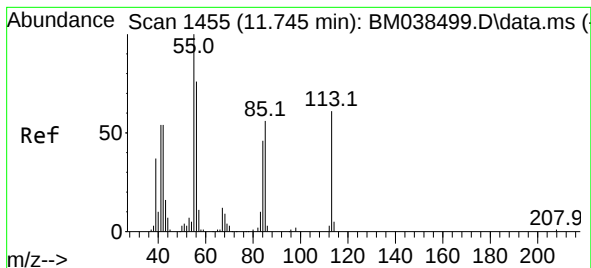
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#34
Hexachlorobutadiene
Concen: 4.167 ng
RT: 11.098 min Scan# 1345
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

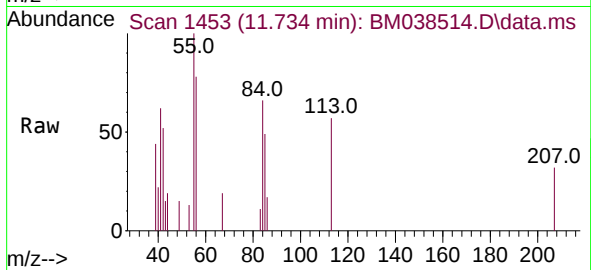
Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.6	48.8	73.2
227	60.3	49.4	74.0





#35
Caprolactam
Concen: 2.104 ng
RT: 11.734 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

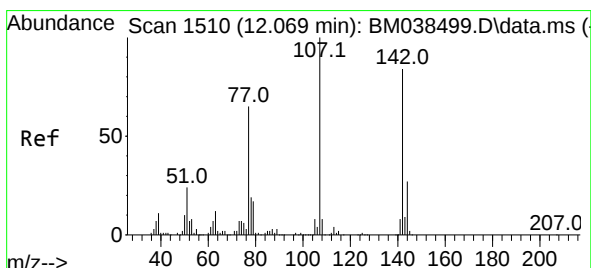
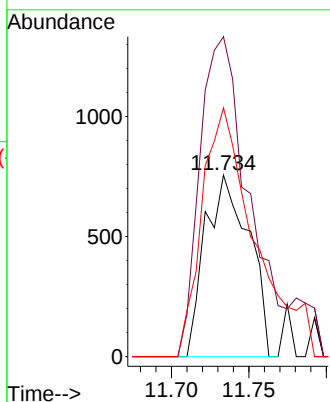
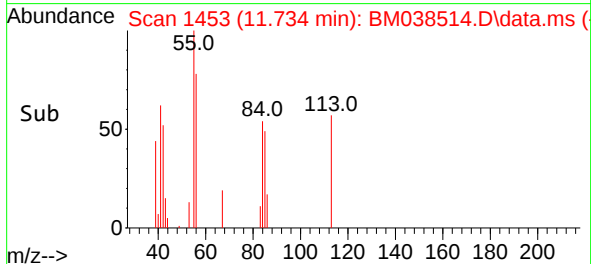
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:113 Resp: 1482
Ion Ratio Lower Upper
113 100
55 176.3 145.0 185.0
56 137.0 105.7 145.7

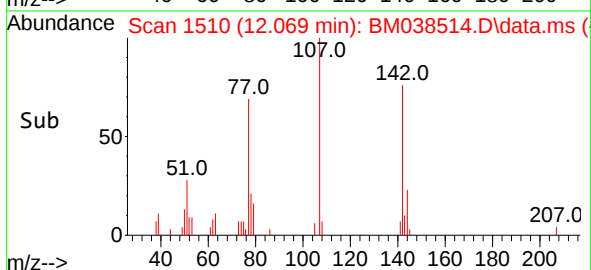
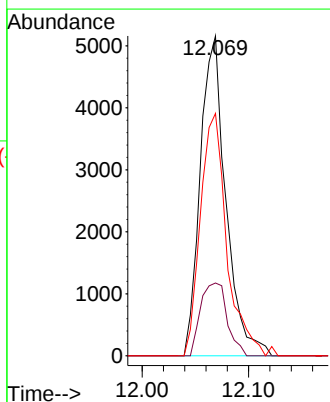
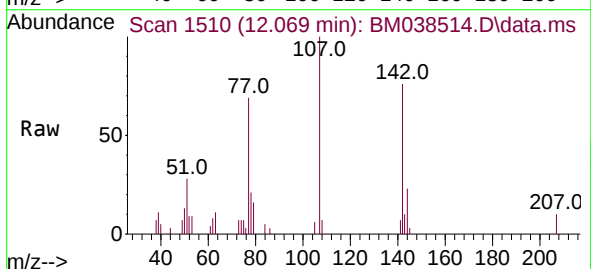
Manual Integrations
APPROVED

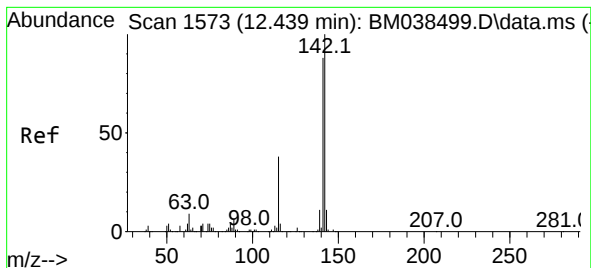
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#36
4-Chloro-3-methylphenol
Concen: 3.257 ng
RT: 12.069 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

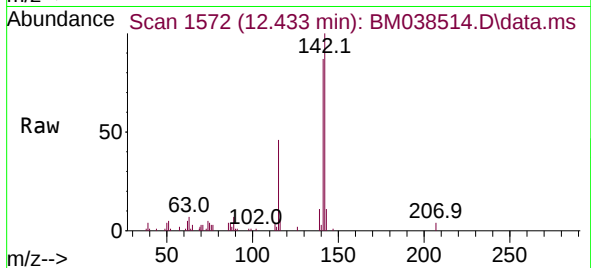
Tgt Ion:107 Resp: 8605
Ion Ratio Lower Upper
107 100
144 22.8 22.0 33.0
142 75.8 67.5 101.3





#37
2-Methylnaphthalene
Concen: 3.173 ng
RT: 12.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

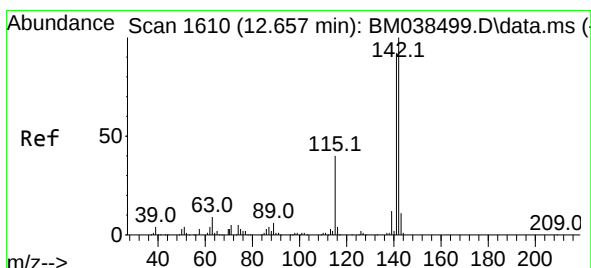
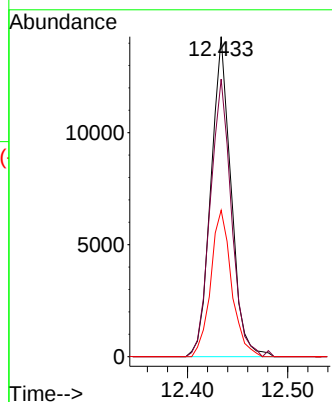
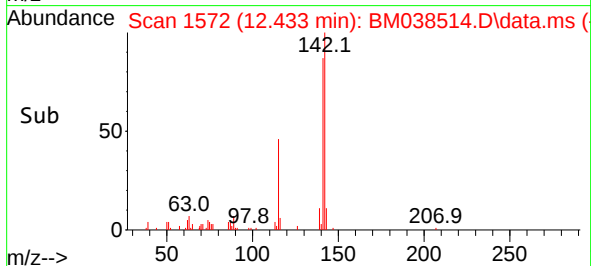
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



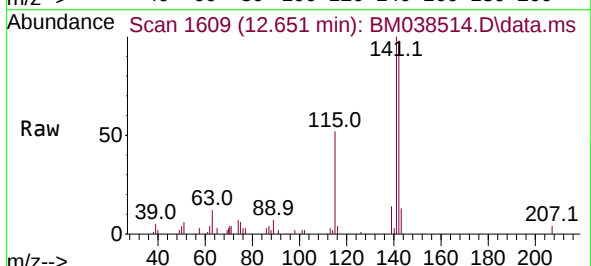
Tgt Ion:142 Resp: 1992
Ion Ratio Lower Upper
142 100
141 86.7 70.7 106.1
115 45.7 30.4 45.6

Manual Integrations
APPROVED

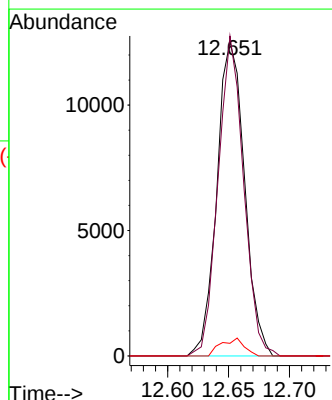
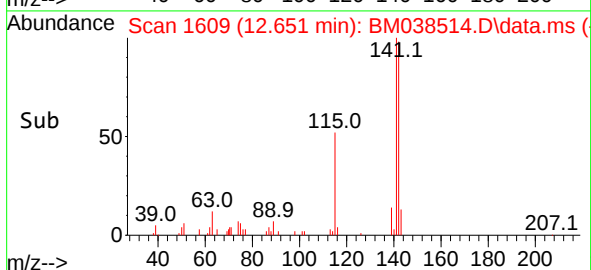
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

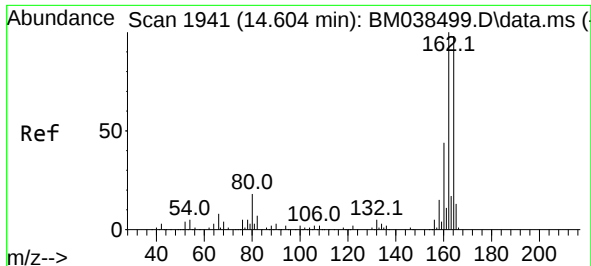


#38
1-Methylnaphthalene
Concen: 3.340 ng
RT: 12.651 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



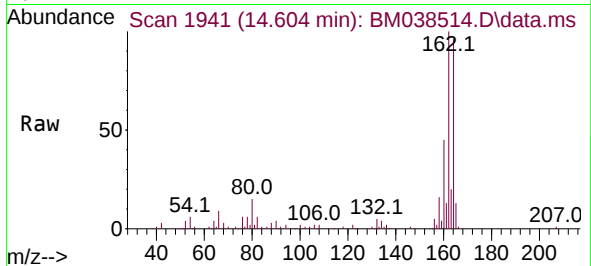
Tgt Ion:142 Resp: 19787
Ion Ratio Lower Upper
142 100
141 101.8 73.4 110.0
116 4.0 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.604 min Scan# 1941
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

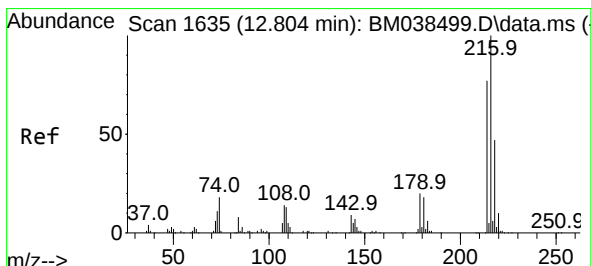
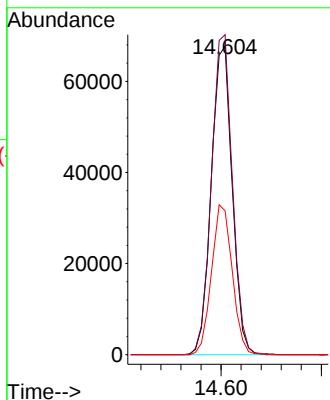
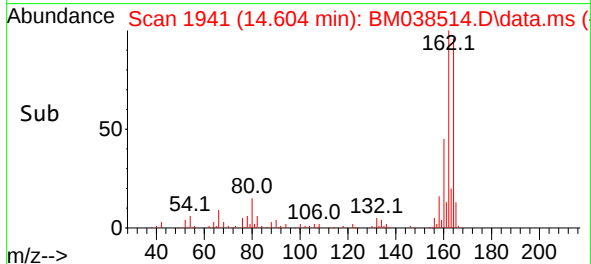
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:164 Resp: 97869
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 46.6 35.8 53.6

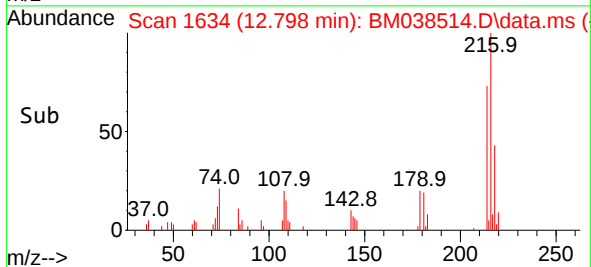
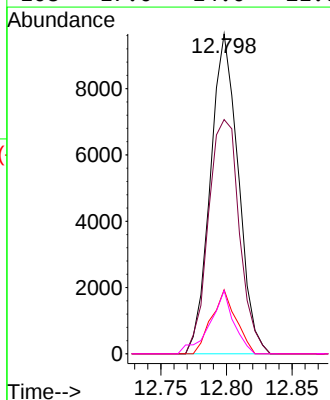
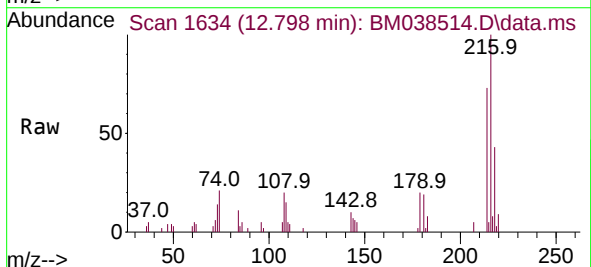
Manual Integrations
APPROVED

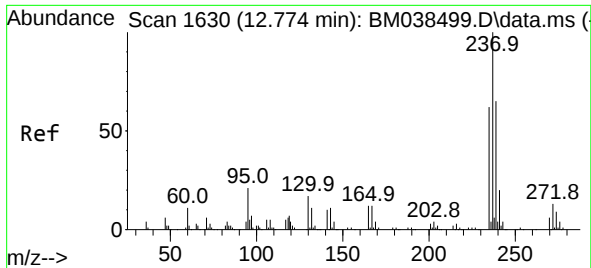
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.882 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

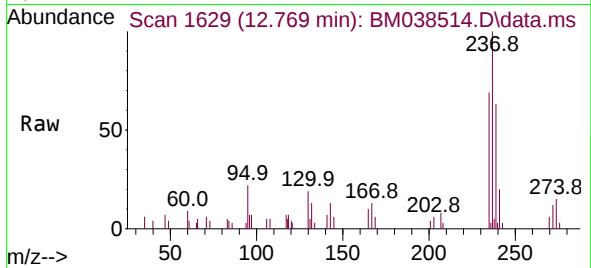
Tgt Ion:216 Resp: 14290
Ion Ratio Lower Upper
216 100
214 81.3 61.4 92.0
179 17.5 15.7 23.5
108 17.0 14.0 21.0





#41
Hexachlorocyclopentadiene
Concen: 3.612 ng
RT: 12.769 min Scan# 1629
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

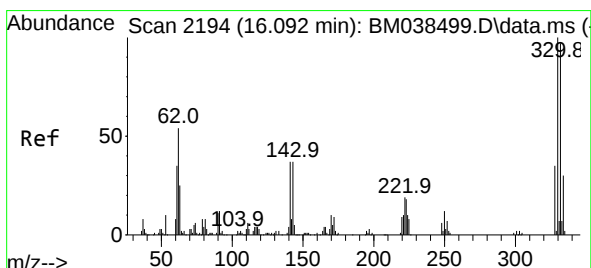
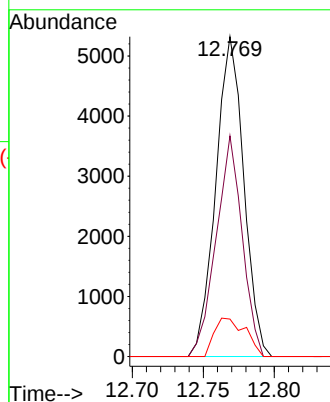
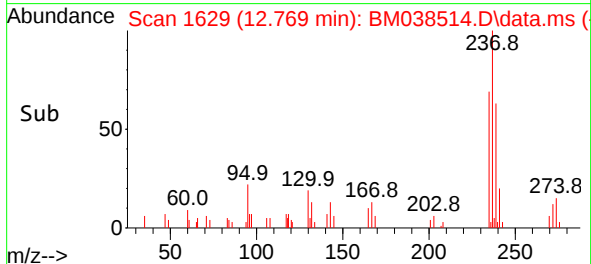
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



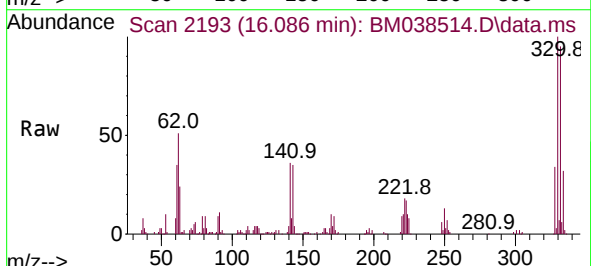
Tgt Ion: 237 Resp: 7309
Ion Ratio Lower Upper
237 100
235 69.0 42.3 82.3
272 11.7 0.0 32.9

Manual Integrations
APPROVED

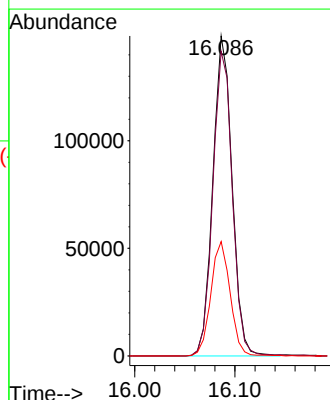
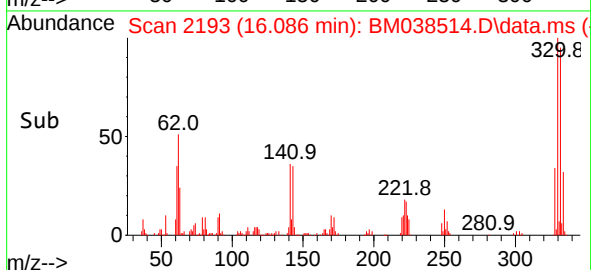
Reviewed By : Christian Giraldo 01/24/2023
Supervised By : Jagrut Upadhyay 01/24/2023

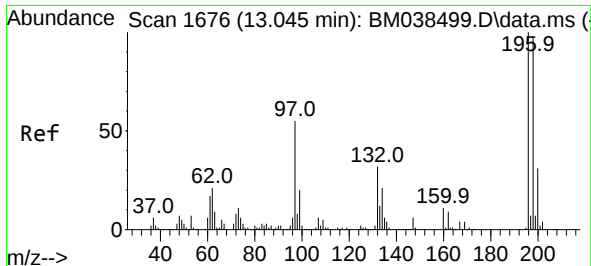


#42
2,4,6-Tribromophenol
Concen: 140.785 ng
RT: 16.086 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



Tgt Ion: 330 Resp: 198414
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 35.9 29.0 43.4





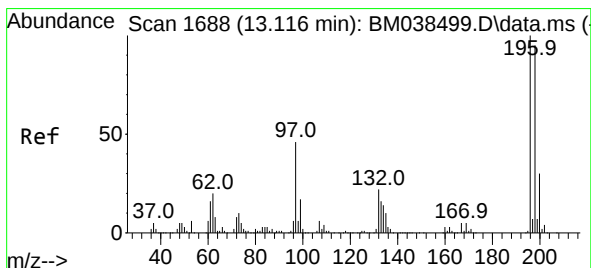
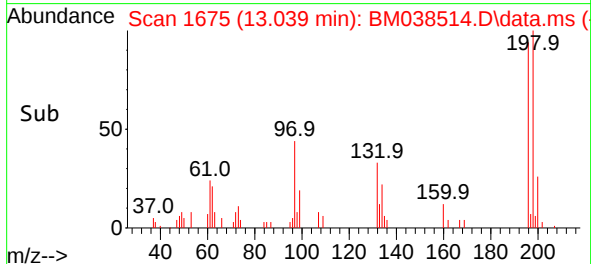
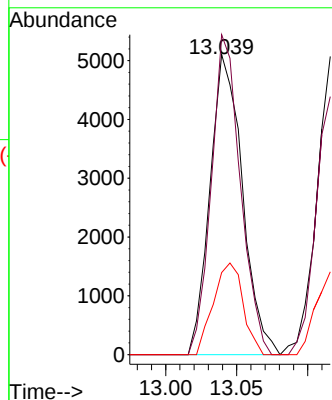
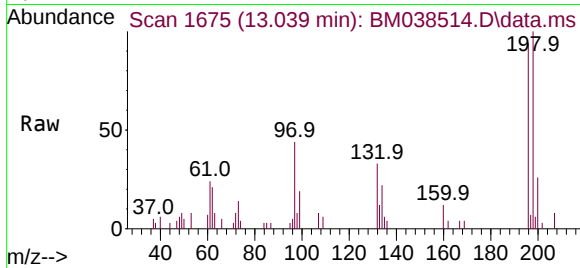
#43
2,4,6-Trichlorophenol
Concen: 3.436 ng
RT: 13.039 min Scan# 1675
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:196 Resp: 809
Ion Ratio Lower Upper
196 100
198 106.6 77.9 116.9
200 27.3 24.5 36.7

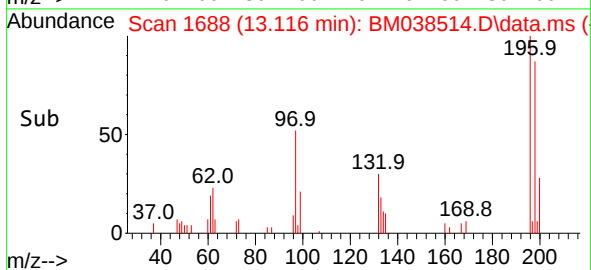
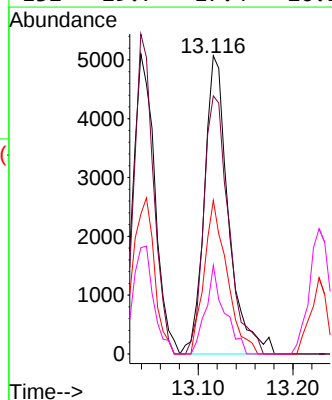
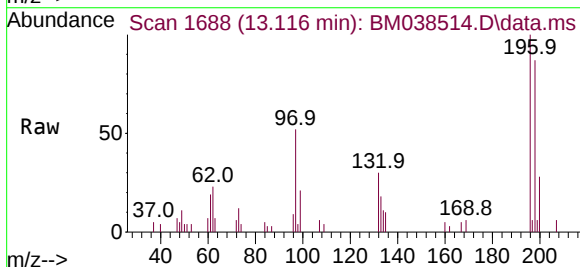
Manual Integrations
APPROVED

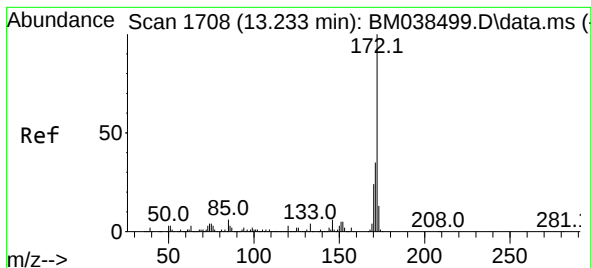
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#44
2,4,5-Trichlorophenol
Concen: 3.251 ng
RT: 13.116 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:196 Resp: 8973
Ion Ratio Lower Upper
196 100
198 86.5 76.0 114.0
97 51.5 36.9 55.3
132 29.7 17.4 26.2#





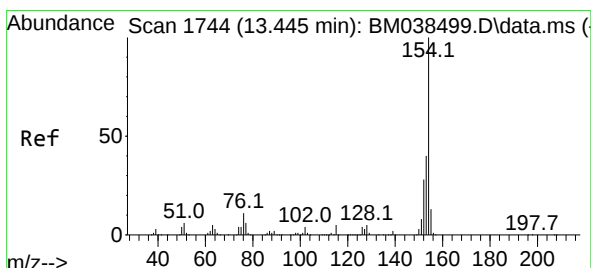
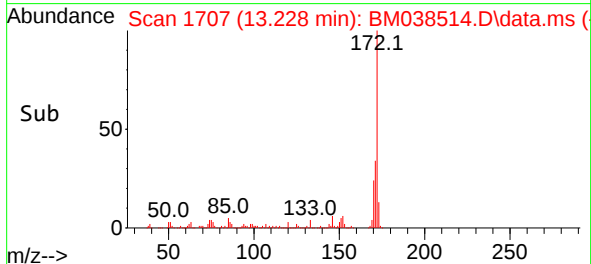
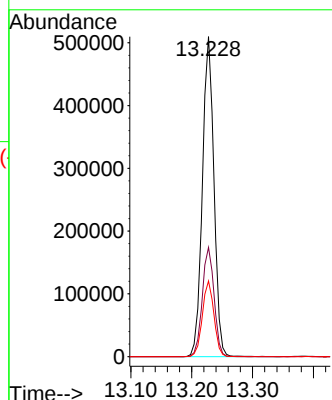
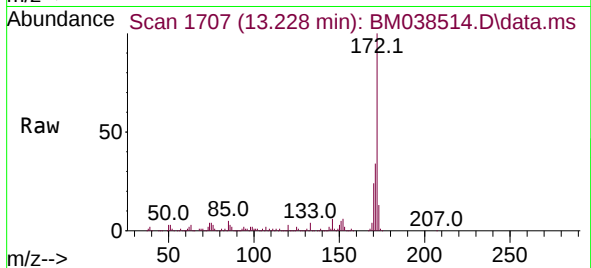
#45
2-Fluorobiphenyl
Concen: 84.334 ng
RT: 13.228 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:172 Resp: 670043
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 23.6 19.5 29.3

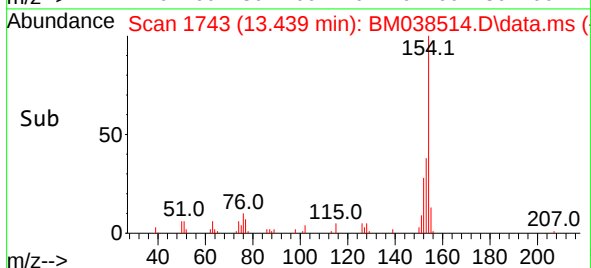
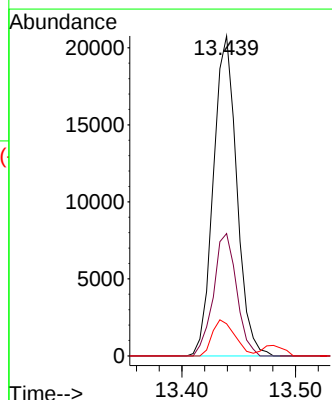
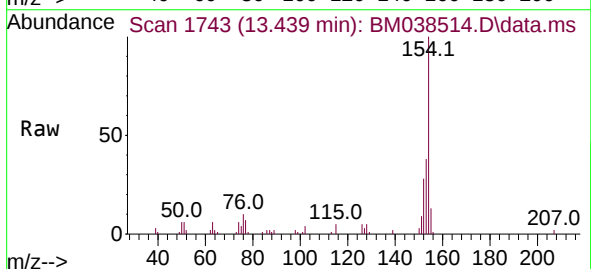
Manual Integrations
APPROVED

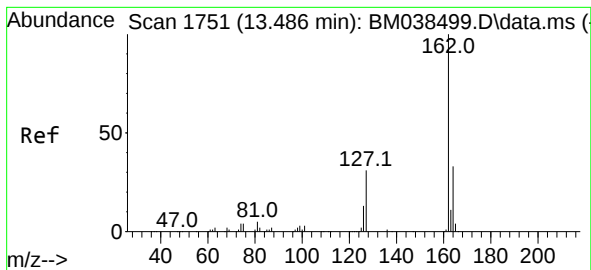
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#46
1,1'-Biphenyl
Concen: 3.785 ng
RT: 13.439 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:154 Resp: 29664
Ion Ratio Lower Upper
154 100
153 38.2 20.1 60.1
76 10.0 0.0 31.3





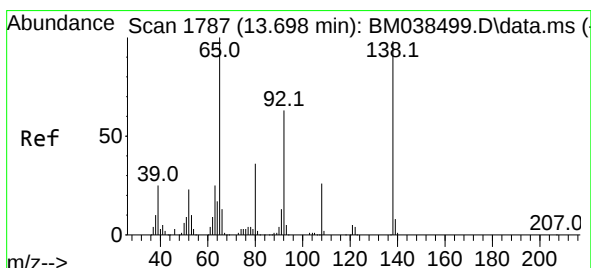
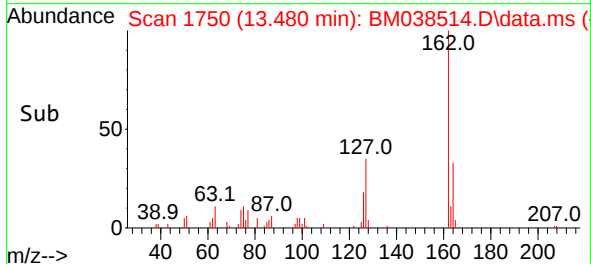
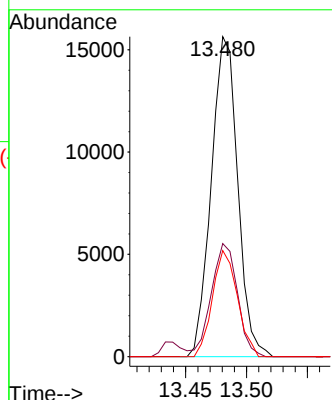
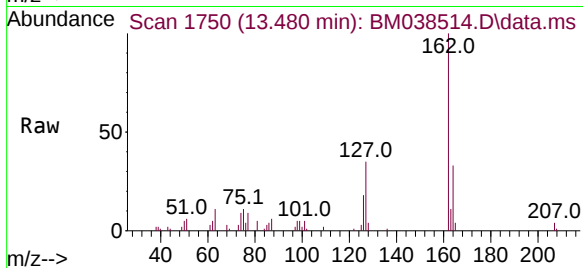
#47
2-Chloronaphthalene
Concen: 3.864 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:162 Resp: 23645
Ion Ratio Lower Upper
162 100
127 35.3 27.4 41.2
164 33.2 26.7 40.1

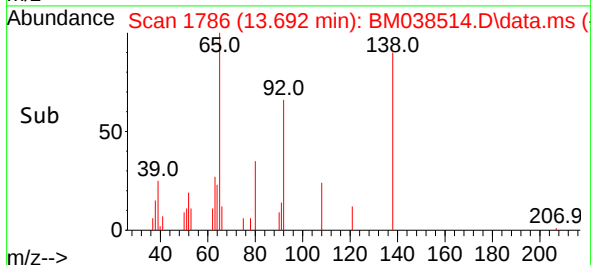
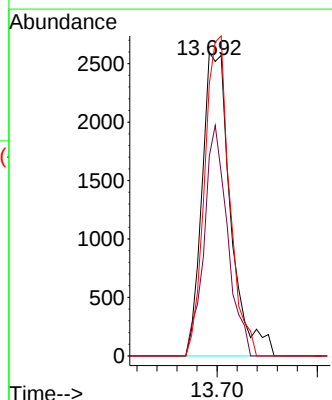
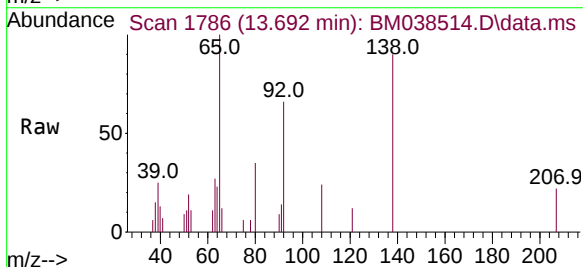
Manual Integrations
APPROVED

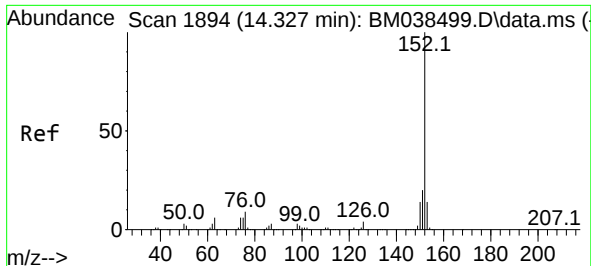
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#48
2-Nitroaniline
Concen: 2.839 ng
RT: 13.692 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

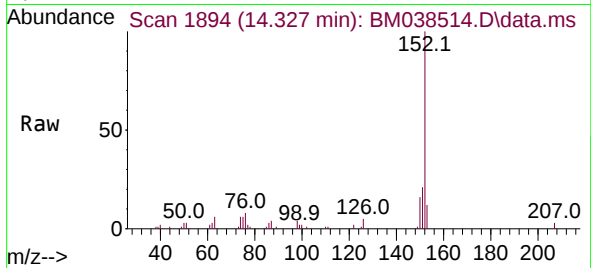
Tgt Ion: 65 Resp: 5101
Ion Ratio Lower Upper
65 100
92 65.9 50.0 75.0
138 89.7 78.2 117.2





#49
Acenaphthylene
Concen: 3.332 ng
RT: 14.327 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

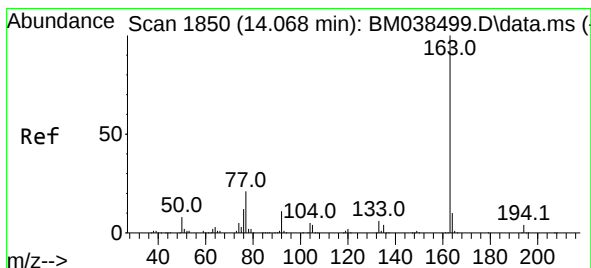
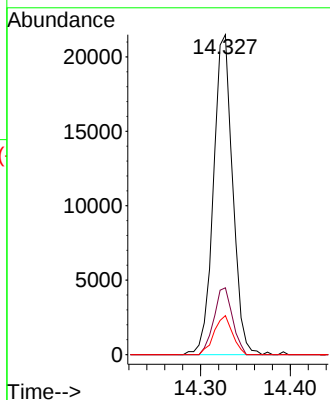
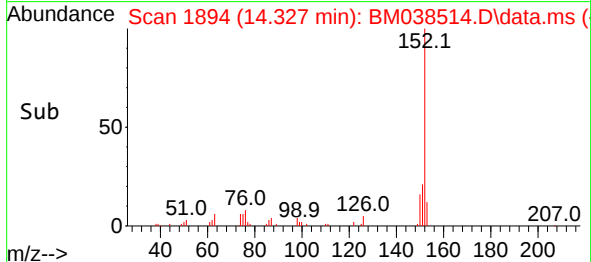
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



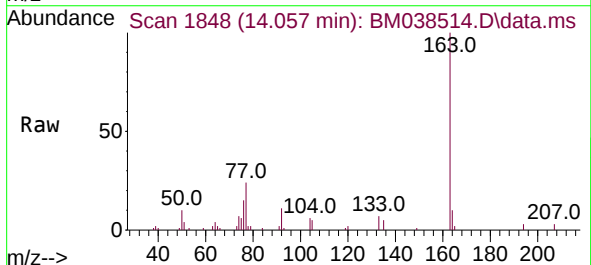
Tgt Ion:152 Resp: 31900
Ion Ratio Lower Upper
152 100
151 20.9 16.0 24.0
153 12.2 10.8 16.2

Manual Integrations
APPROVED

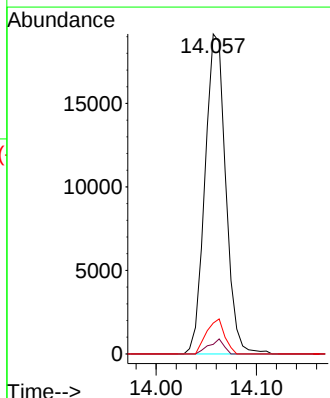
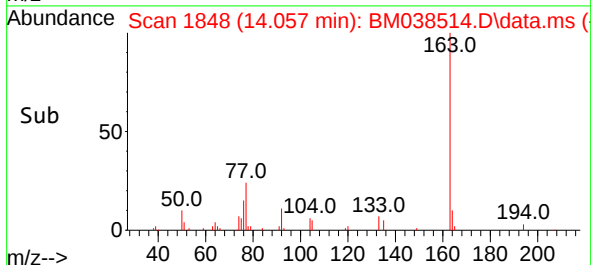
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

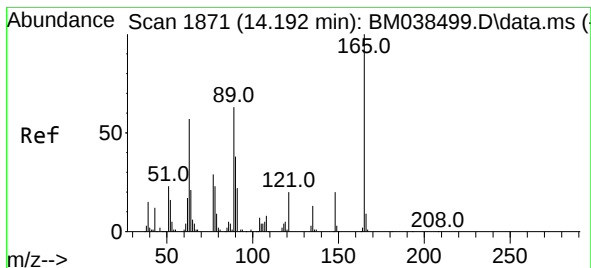


#50
Dimethylphthalate
Concen: 3.645 ng
RT: 14.057 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



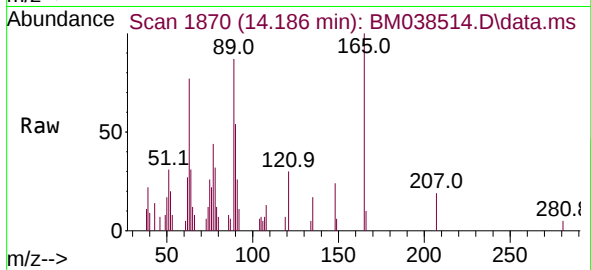
Tgt Ion:163 Resp: 27464
Ion Ratio Lower Upper
163 100
194 3.0 3.3 4.9#
164 9.6 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 2.932 ng
RT: 14.186 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

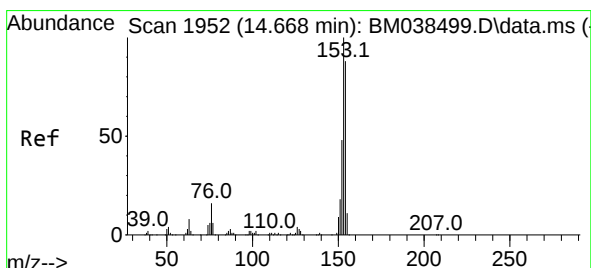
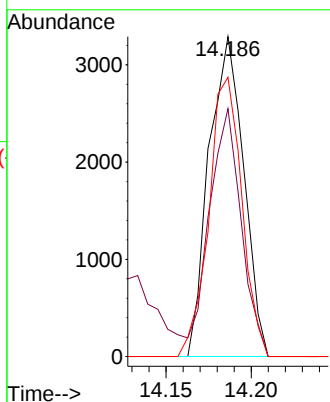
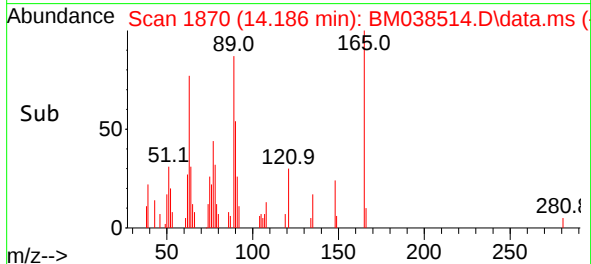
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:165 Resp: 4648
Ion Ratio Lower Upper
165 100
63 77.5 51.0 76.4
89 87.3 50.2 75.4

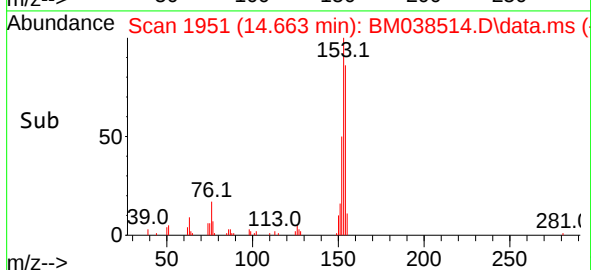
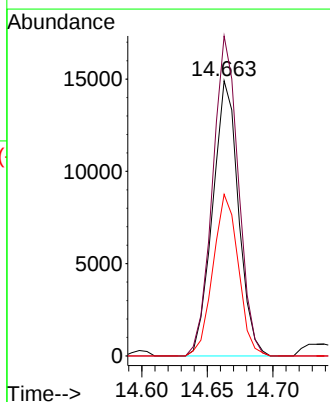
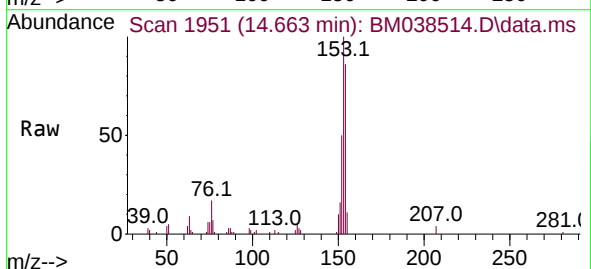
Manual Integrations
APPROVED

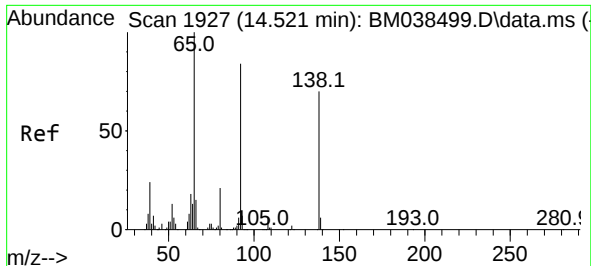
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#52
Acenaphthene
Concen: 3.501 ng
RT: 14.663 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

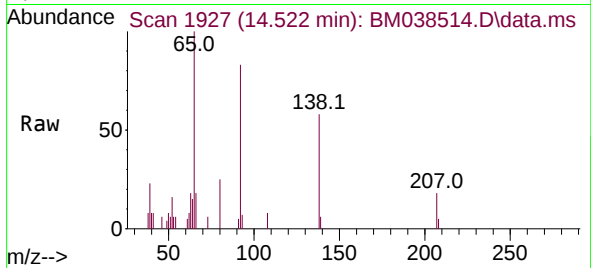
Tgt Ion:154 Resp: 20437
Ion Ratio Lower Upper
154 100
153 116.3 90.7 136.1
152 58.7 43.8 65.8





#53
3-Nitroaniline
Concen: 2.350 ng
RT: 14.522 min Scan# 1927
Delta R.T. 0.001 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

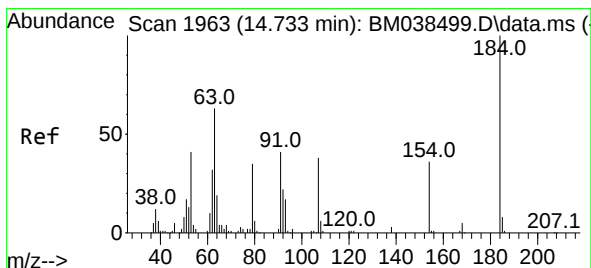
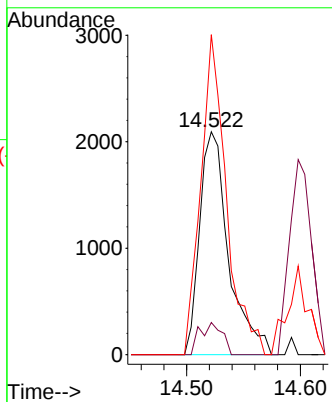
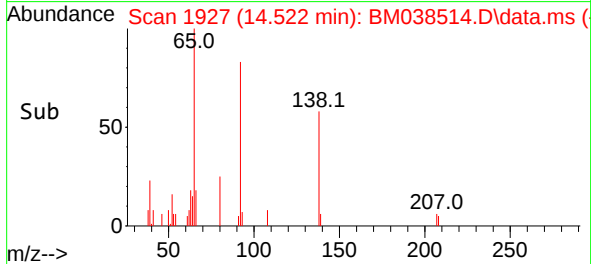
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



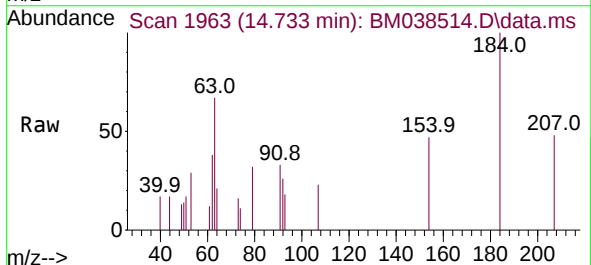
Tgt Ion:138 Resp: 3702
Ion Ratio Lower Upper
138 100
108 14.4 7.0 10.4
92 143.7 95.7 143.5

Manual Integrations
APPROVED

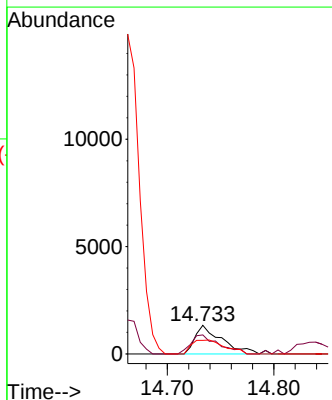
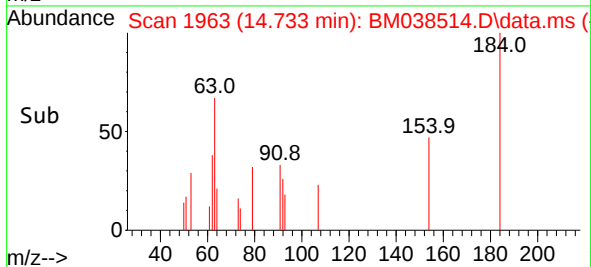
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

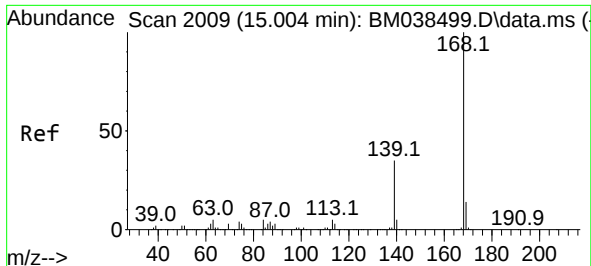


#54
2,4-Dinitrophenol
Concen: 6.645 ng
RT: 14.733 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



Tgt Ion:184 Resp: 2347
Ion Ratio Lower Upper
184 100
63 66.7 52.2 78.4
154 47.4 48.9 73.3





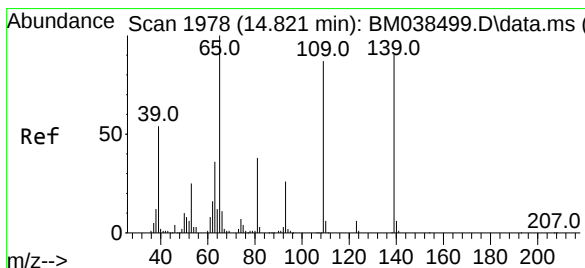
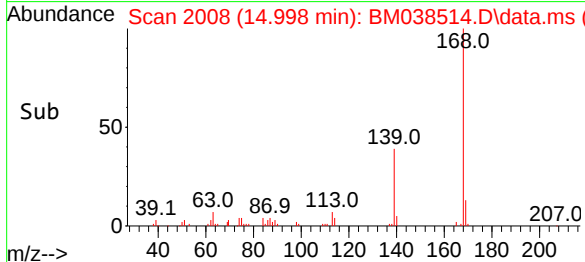
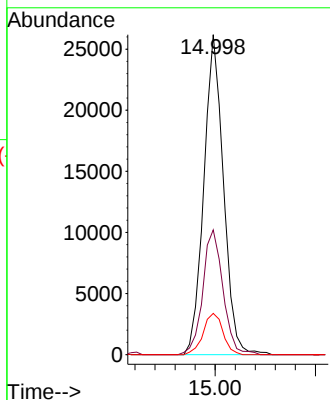
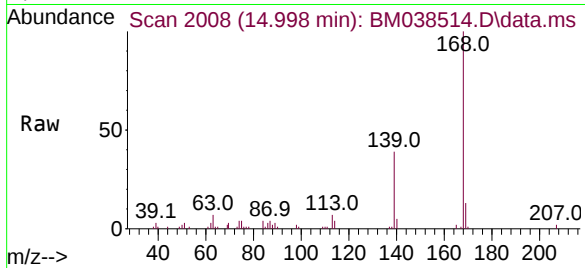
#55
Dibenzenofuran
Concen: 3.644 ng
RT: 14.998 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:168 Resp: 3556
Ion Ratio Lower Upper
168 100
139 39.0 27.9 41.9
169 12.9 11.0 16.6

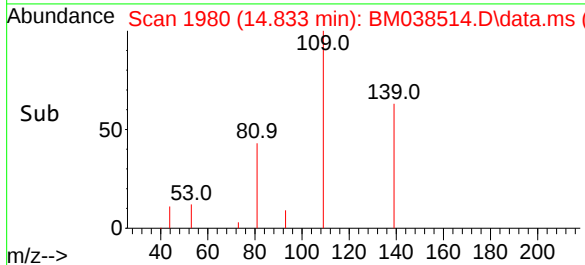
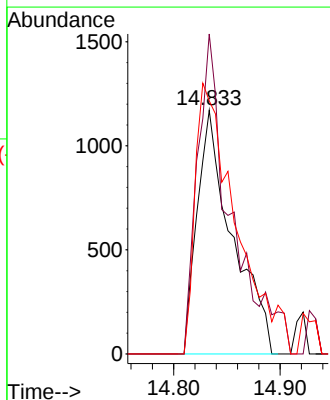
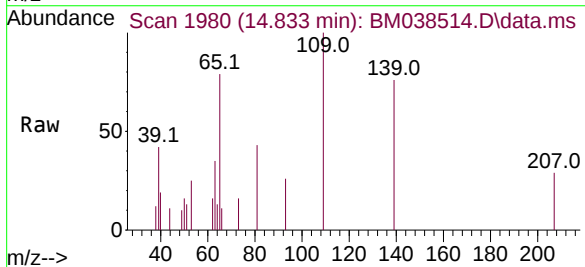
Manual Integrations
APPROVED

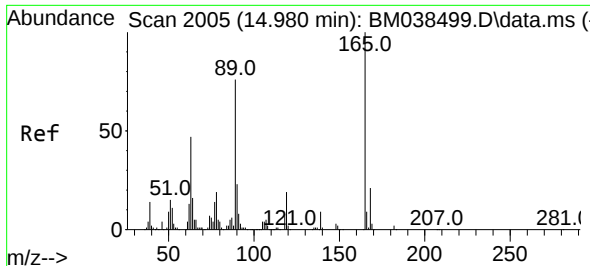
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#56
4-Nitrophenol
Concen: 2.058 ng
RT: 14.833 min Scan# 1980
Delta R.T. 0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

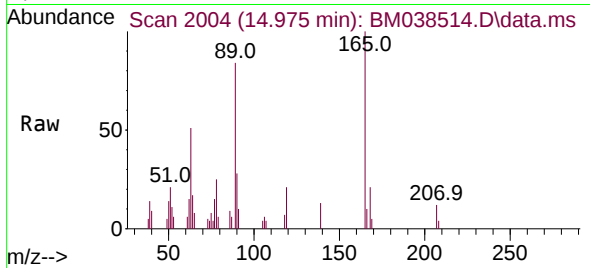
Tgt Ion:139 Resp: 2670
Ion Ratio Lower Upper
139 100
109 131.3 76.8 116.8#
65 103.8 91.7 131.7





#57
2,4-Dinitrotoluene
Concen: 2.728 ng
RT: 14.975 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

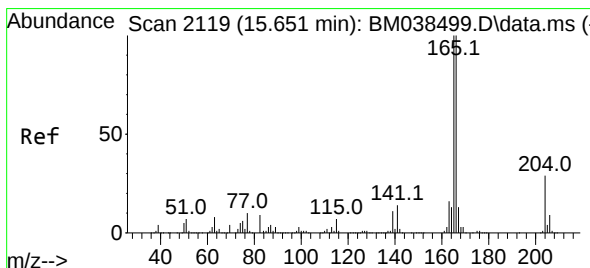
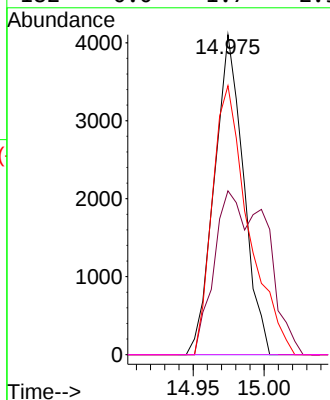
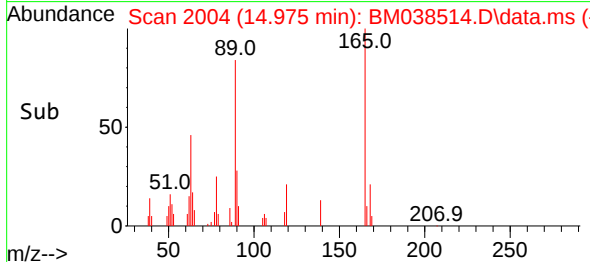
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:165 Resp: 5862
Ion Ratio Lower Upper
165 100
63 51.2 37.8 56.8
89 84.0 60.9 91.3
182 0.0 1.7 2.5#

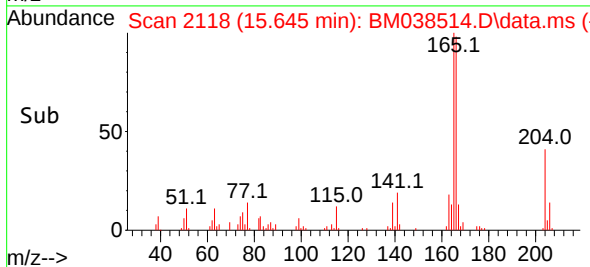
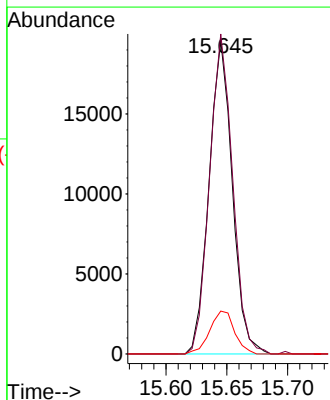
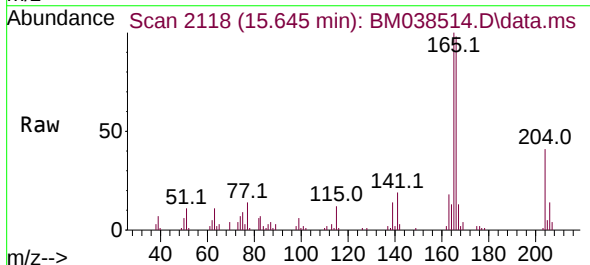
Manual Integrations
APPROVED

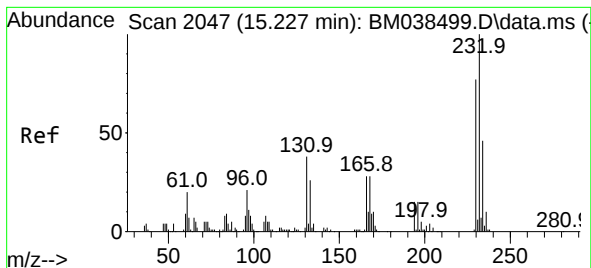
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#58
Fluorene
Concen: 3.288 ng
RT: 15.645 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

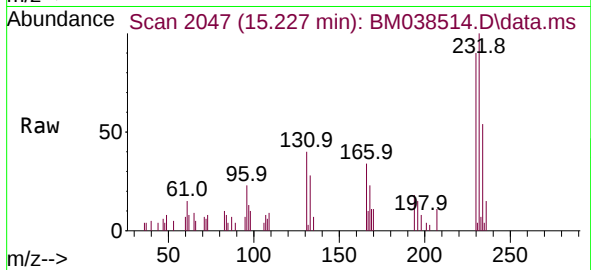
Tgt Ion:166 Resp: 26028
Ion Ratio Lower Upper
166 100
165 102.0 79.6 119.4
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.343 ng
RT: 15.227 min Scan# 2047
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

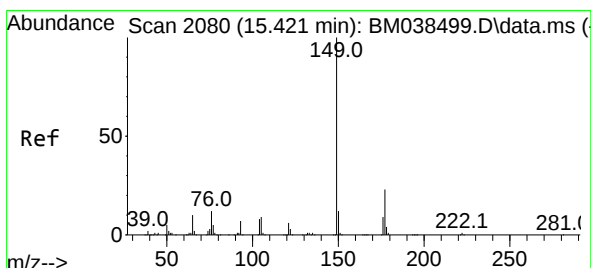
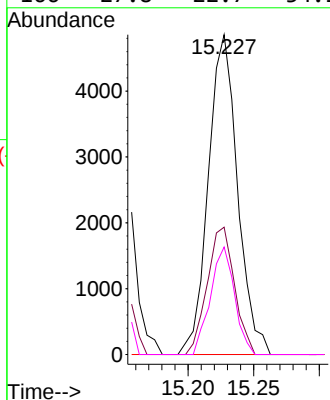
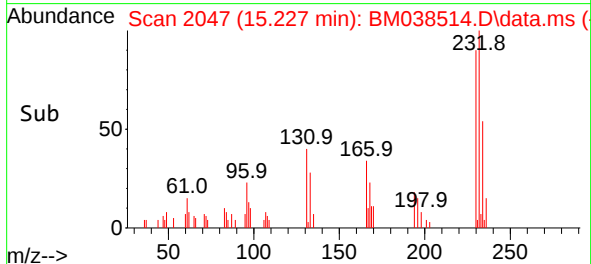
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



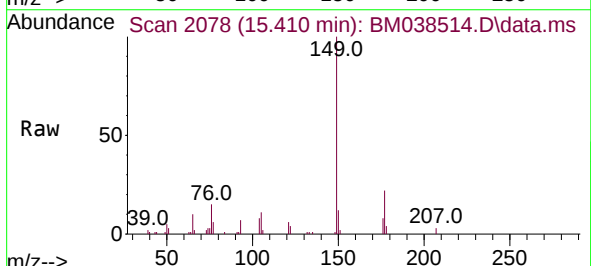
Tgt Ion:232 Resp: 7543
Ion Ratio Lower Upper
232 100
131 37.2 31.0 46.4
130 0.0 1.8 2.6
166 27.8 22.7 34.1

Manual Integrations
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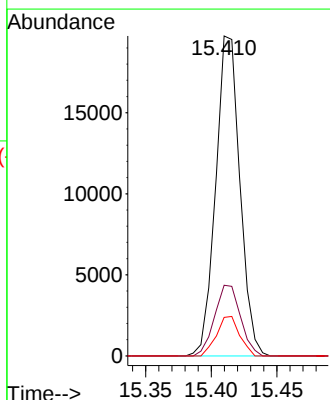
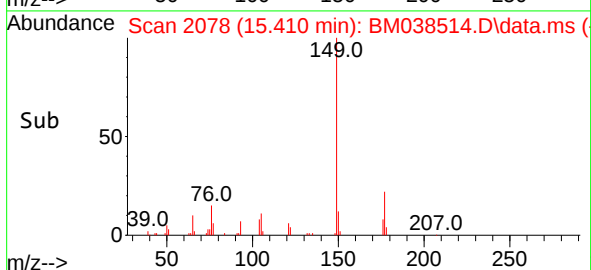
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

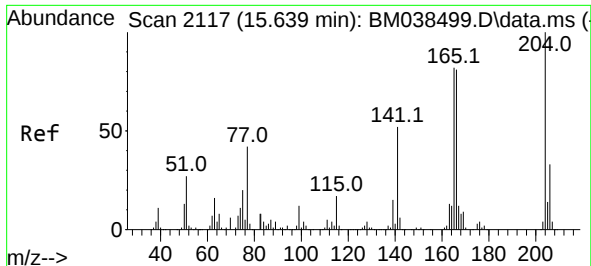


#60
Diethylphthalate
Concen: 3.440 ng
RT: 15.410 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



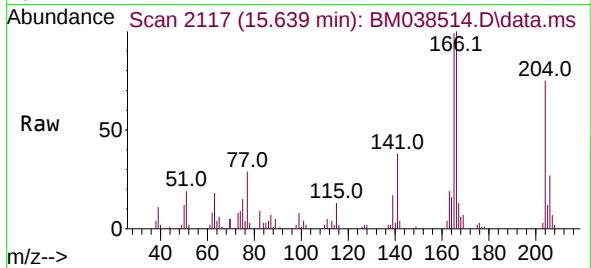
Tgt Ion:149 Resp: 25377
Ion Ratio Lower Upper
149 100
177 22.1 18.6 27.8
150 12.0 9.5 14.3





#61
4-Chlorophenyl-phenylether
Concen: 3.651 ng
RT: 15.639 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

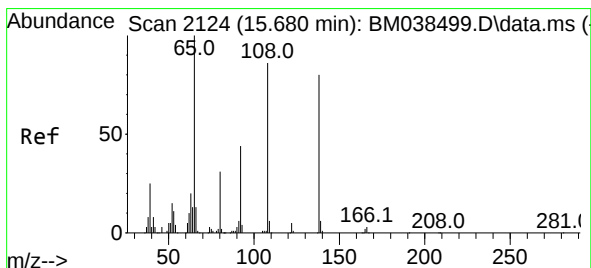
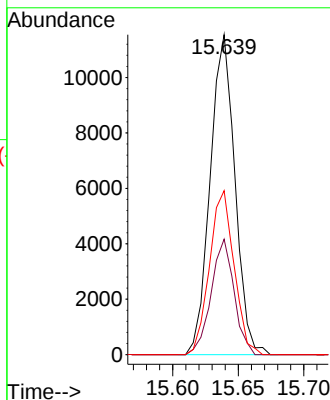
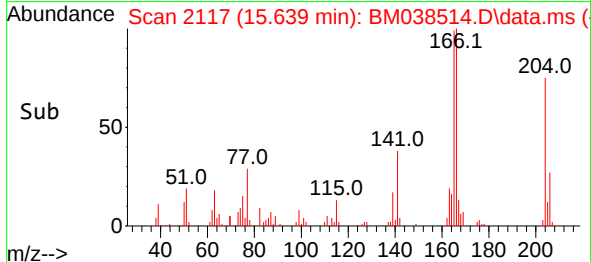
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



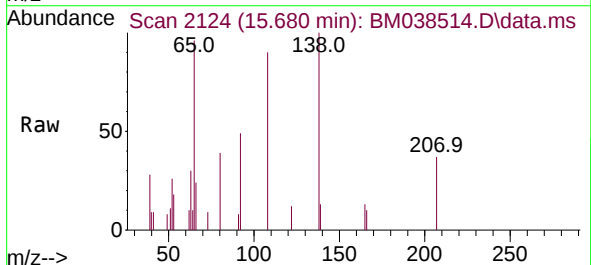
Tgt Ion:204 Resp: 15176
Ion Ratio Lower Upper
204 100
206 36.1 26.2 39.4
141 51.2 41.5 62.3

Manual Integrations
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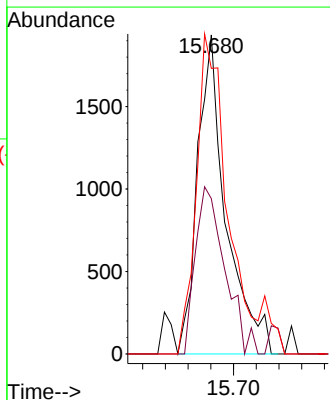
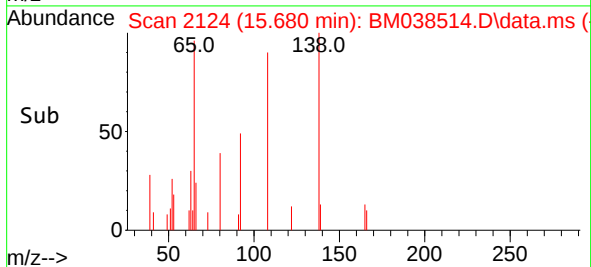
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

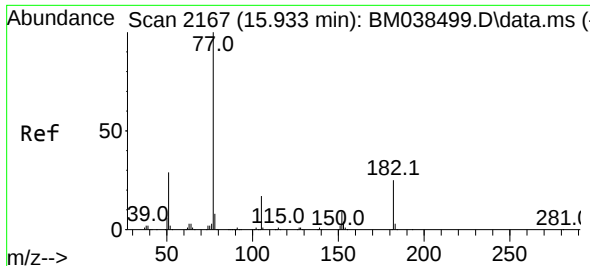


#62
4-Nitroaniline
Concen: 5.127 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



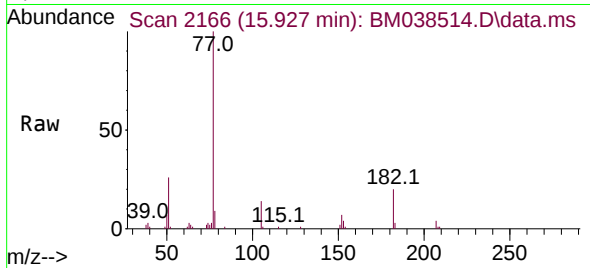
Tgt Ion:138 Resp: 3365
Ion Ratio Lower Upper
138 100
92 48.7 35.2 75.2
108 89.5 87.3 127.3





#63
Azobenzene
Concen: 3.159 ng
RT: 15.927 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

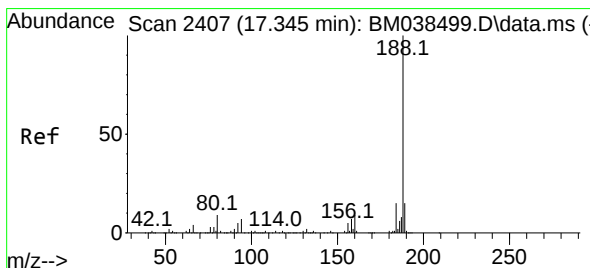
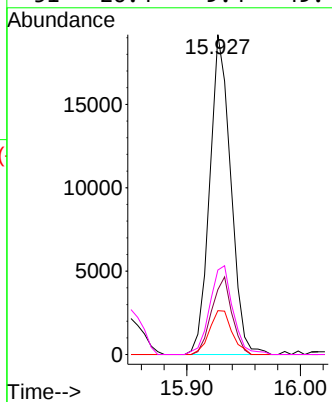
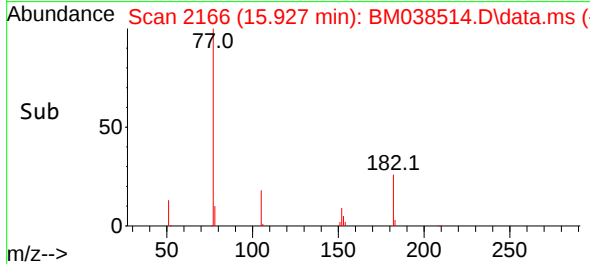
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion: 77 Resp: 24690
Ion Ratio Lower Upper
77 100
182 20.3 4.7 44.7
105 13.7 0.0 36.7
51 26.4 9.4 49.4

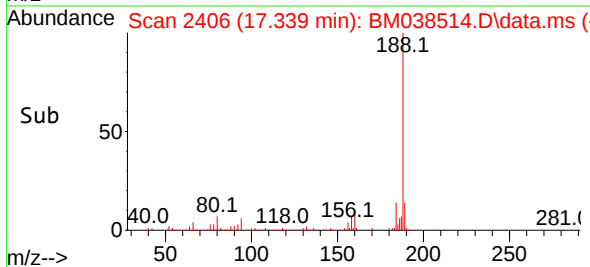
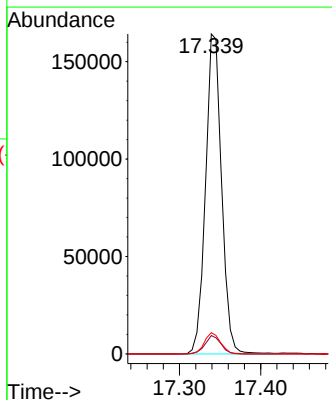
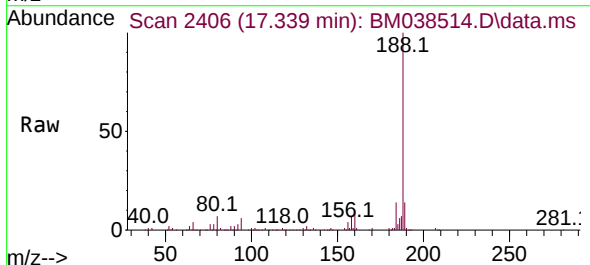
Manual Integrations
APPROVED

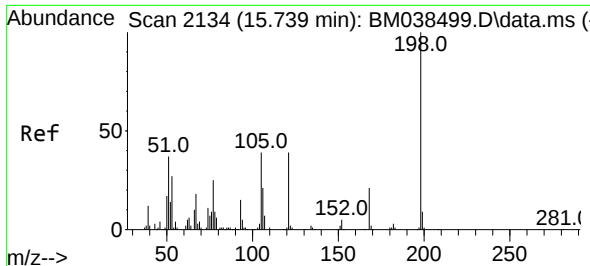
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:188 Resp: 225669
Ion Ratio Lower Upper
188 100
94 5.7 6.0 9.0#
80 6.6 6.9 10.3#





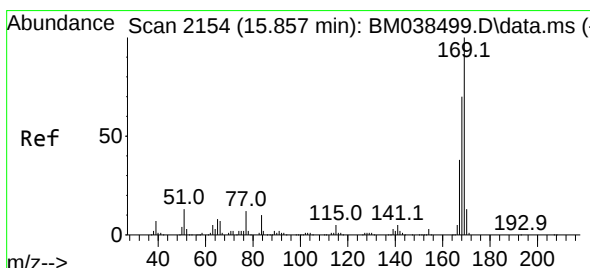
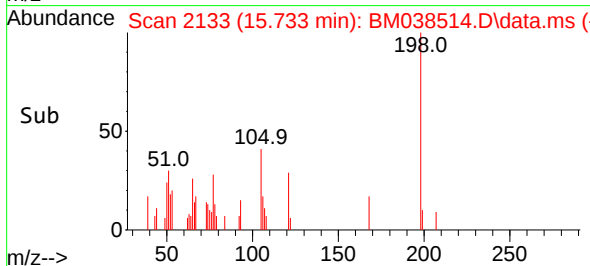
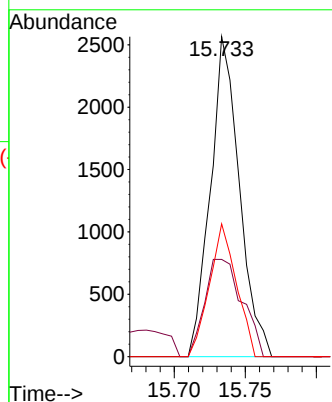
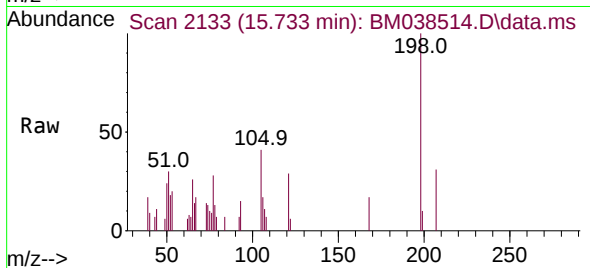
#65
4,6-Dinitro-2-methylphenol
Concen: 2.488 ng
RT: 15.733 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:198 Resp: 3645
Ion Ratio Lower Upper
198 100
51 30.4 18.8 58.8
105 41.5 19.7 59.7

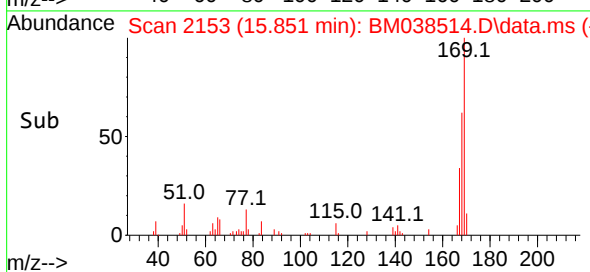
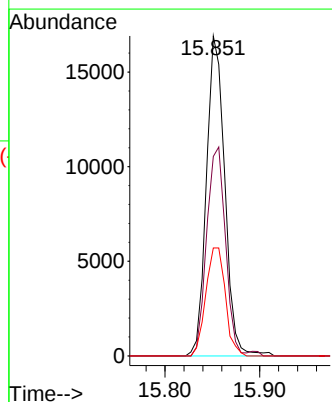
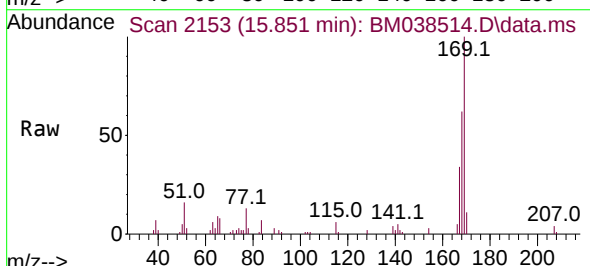
Manual Integrations
APPROVED

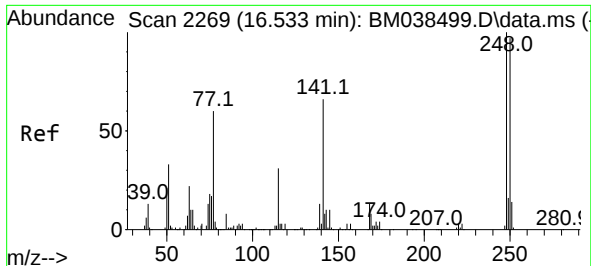
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#66
n-Nitrosodiphenylamine
Concen: 3.368 ng
RT: 15.851 min Scan# 2153
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

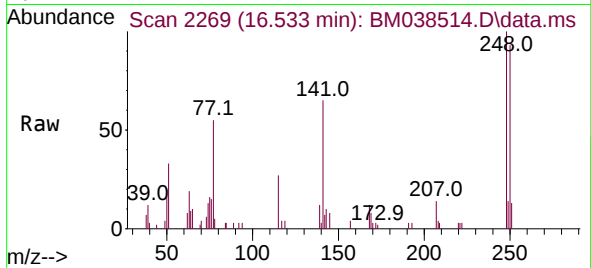
Tgt Ion:169 Resp: 22818
Ion Ratio Lower Upper
169 100
168 62.3 55.8 83.8
167 33.7 30.3 45.5





#67
4-Bromophenyl-phenylether
Concen: 3.392 ng
RT: 16.533 min Scan# 2269
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

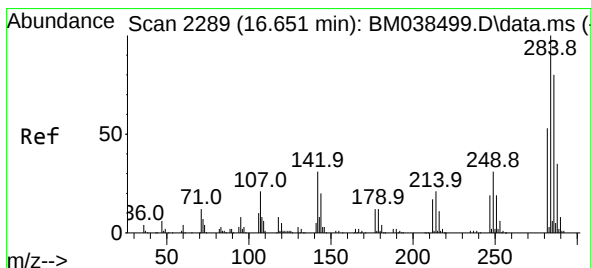
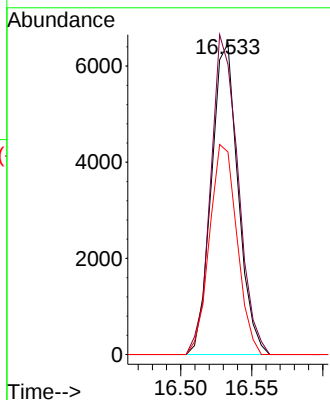
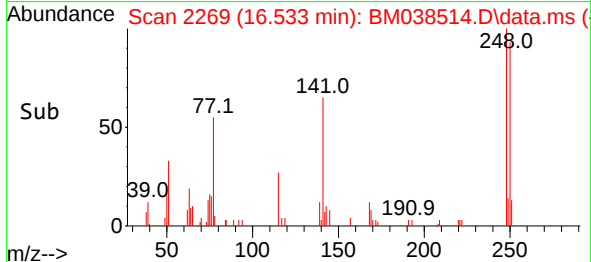
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



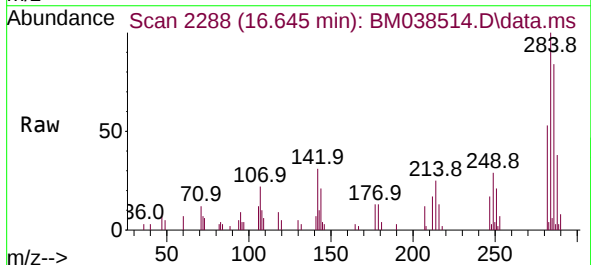
Tgt Ion:248 Resp: 8490
Ion Ratio Lower Upper
248 100
250 93.2 77.6 116.4
141 65.1 52.5 78.7

Manual Integrations
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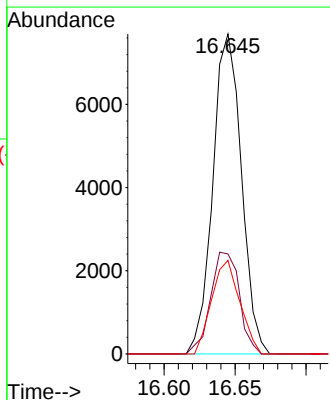
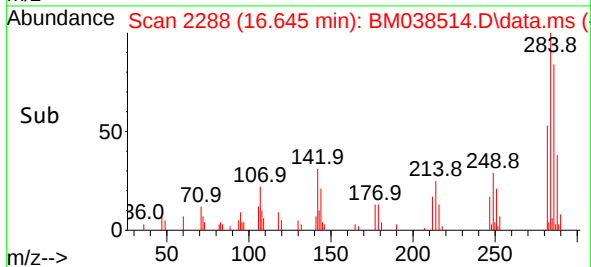
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023

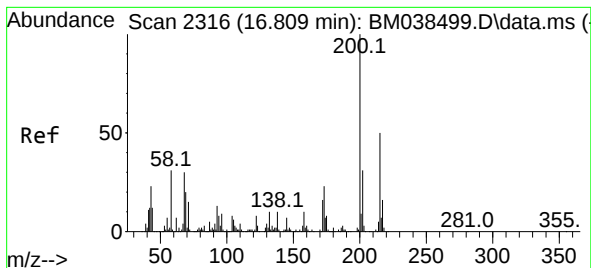


#68
Hexachlorobenzene
Concen: 3.991 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26



Tgt Ion:284 Resp: 10779
Ion Ratio Lower Upper
284 100
142 31.2 25.2 37.8
249 29.2 24.4 36.6





#69

Atrazine

Concen: 3.426 ng

RT: 16.798 min Scan# 2314

Delta R.T. -0.012 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

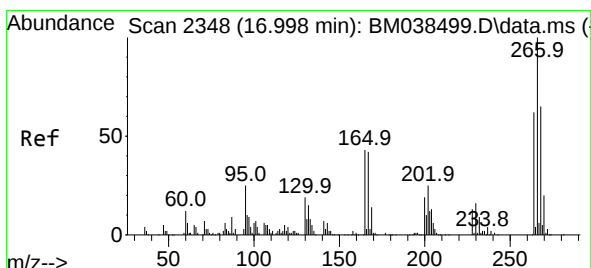
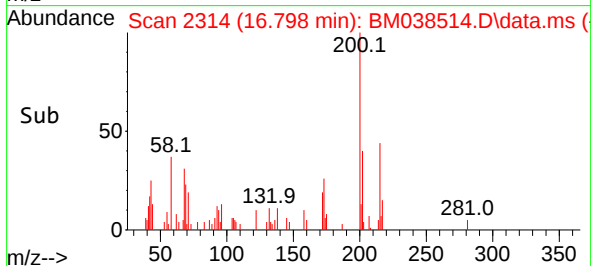
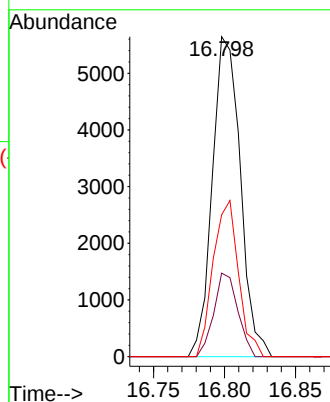
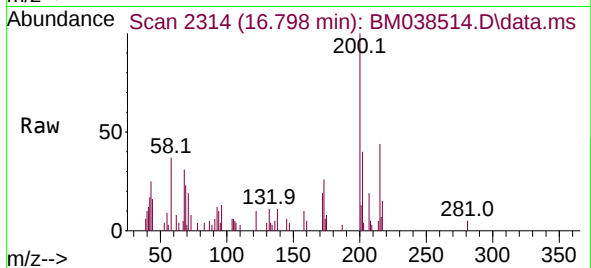
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:200 Resp: 7743
 Ion Ratio Lower Upper
 200 100
 173 26.1 3.5 43.5
 215 44.3 30.0 70.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#70

Pentachlorophenol

Concen: 2.719 ng

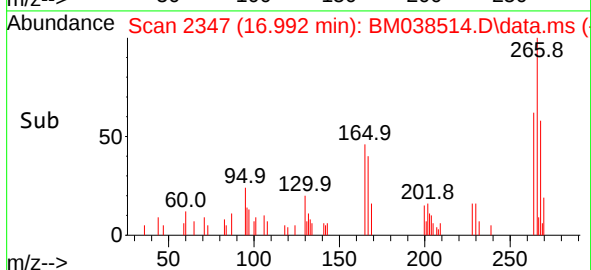
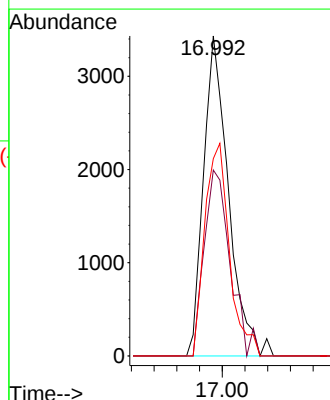
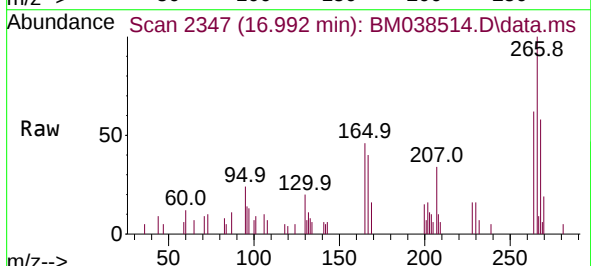
RT: 16.992 min Scan# 2347

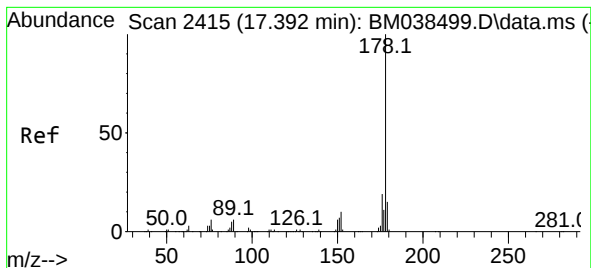
Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:266 Resp: 5229
 Ion Ratio Lower Upper
 266 100
 268 58.1 51.7 77.5
 264 61.6 49.4 74.0





#71

Phenanthrene

Concen: 3.520 ng

RT: 17.386 min Scan# 2415

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

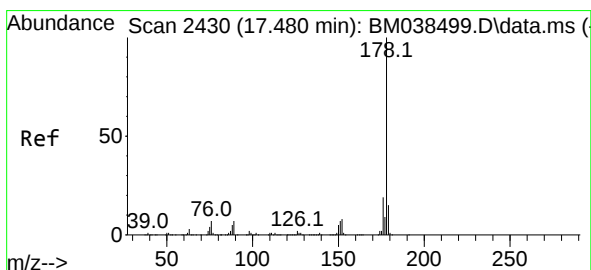
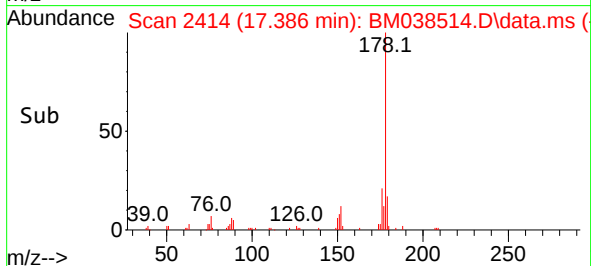
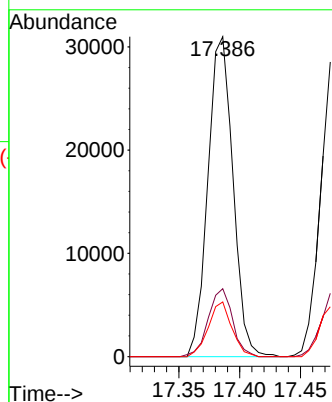
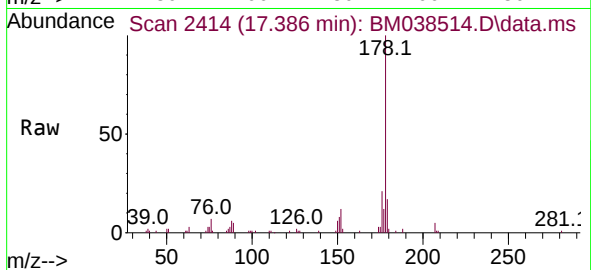
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:178 Resp: 44356
 Ion Ratio Lower Upper
 178 100
 176 21.2 15.4 23.2
 179 17.1 12.2 18.4

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023



#72

Anthracene

Concen: 3.256 ng

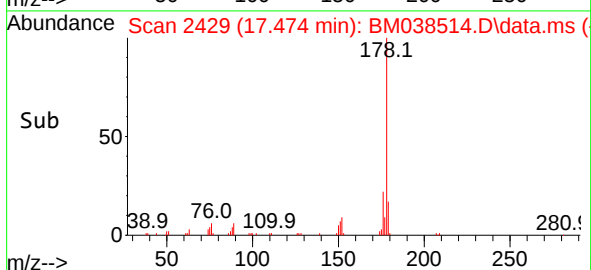
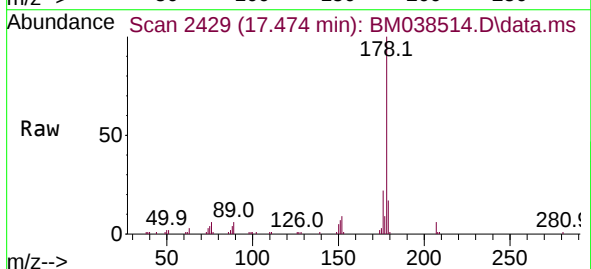
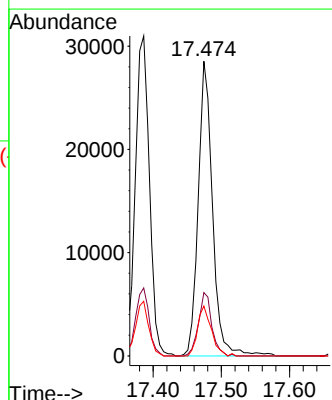
RT: 17.474 min Scan# 2429

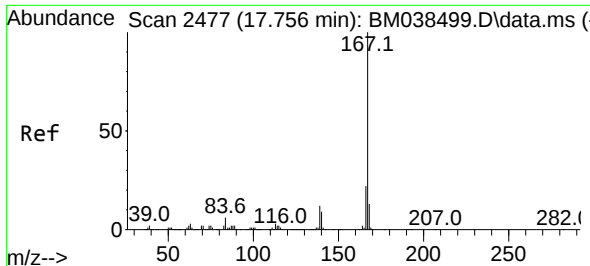
Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

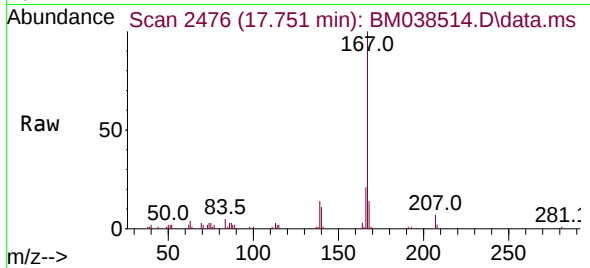
Tgt Ion:178 Resp: 41758
 Ion Ratio Lower Upper
 178 100
 176 21.5 15.0 22.6
 179 16.9 12.2 18.4





#73
 Carbazole
 Concen: 3.144 ng
 RT: 17.751 min Scan# 2476
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26

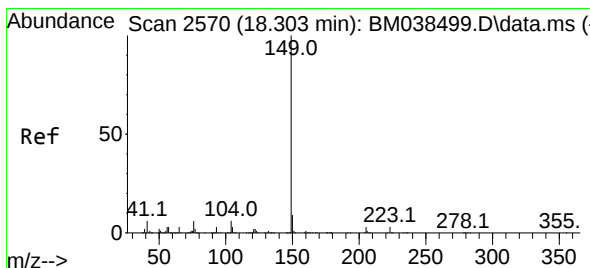
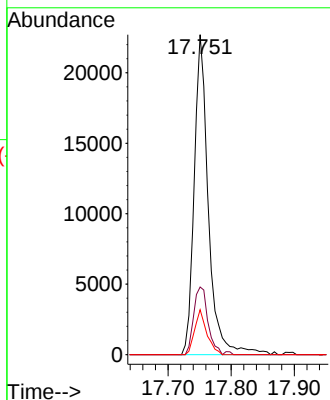
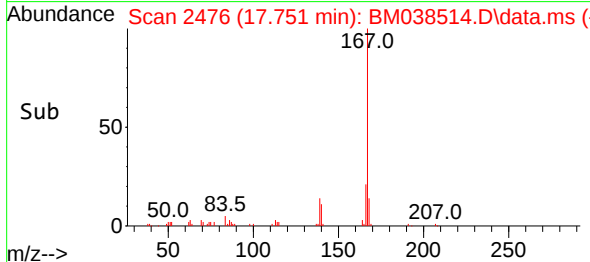
Instrument : BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022



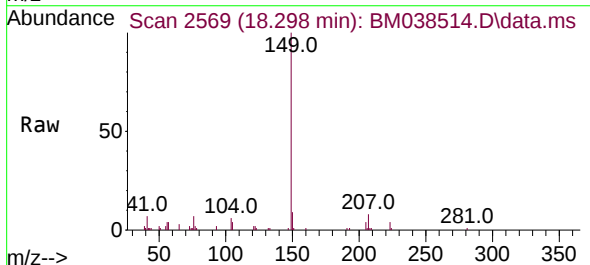
Tgt Ion:167 Resp: 35505
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.7 26.5
 139 14.0 9.4 14.0

Manual Integrations
 APPROVED

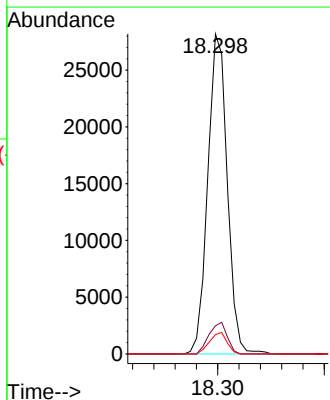
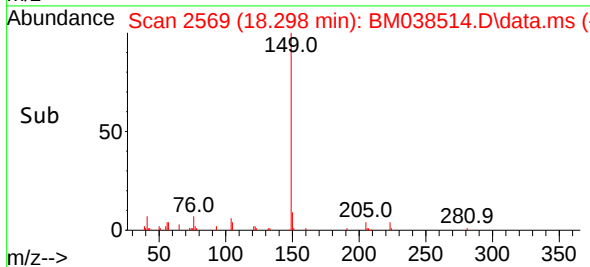
Reviewed By :Christian Giraldo 01/24/2023
 Supervised By :Jagrut Upadhyay 01/24/2023

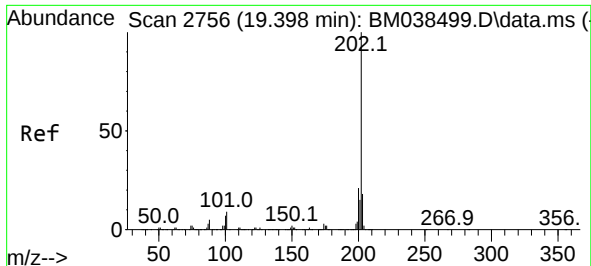


#74
 Di-n-butylphthalate
 Concen: 2.884 ng
 RT: 18.298 min Scan# 2569
 Delta R.T. -0.006 min
 Lab File: BM038514.D
 Acq: 23 Jan 2023 18:26



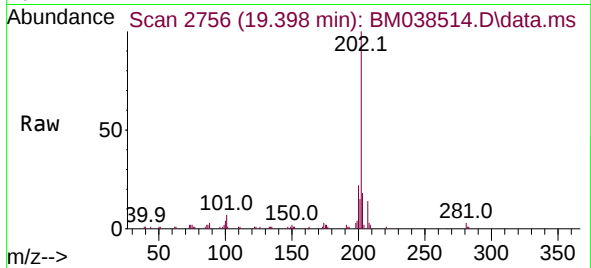
Tgt Ion:149 Resp: 35783
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.4 11.0
 104 6.0 4.6 6.8





#75
Fluoranthene
Concen: 3.221 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

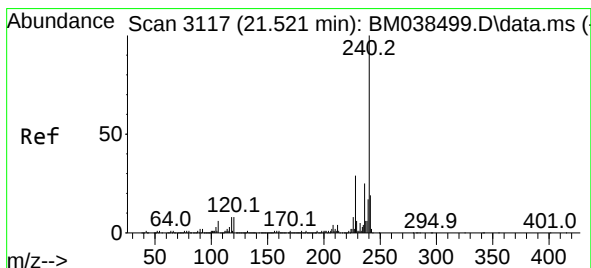
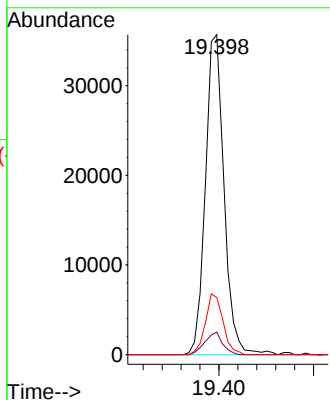
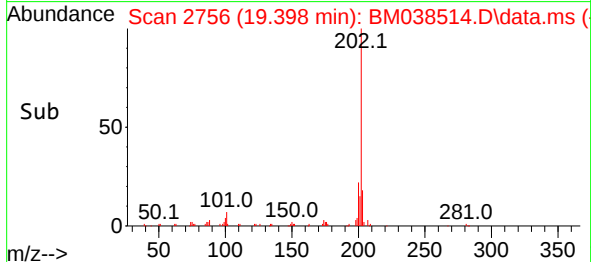
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:202 Resp: 48786
Ion Ratio Lower Upper
202 100
101 8.2 0.0 28.7
203 17.8 0.0 37.6

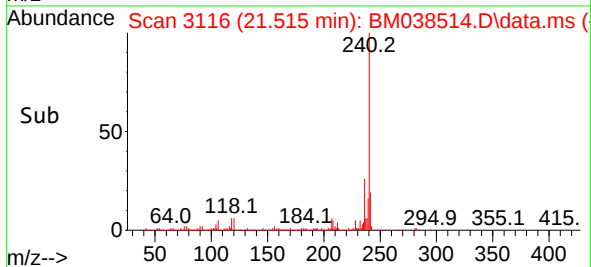
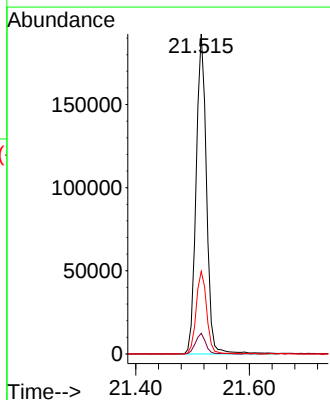
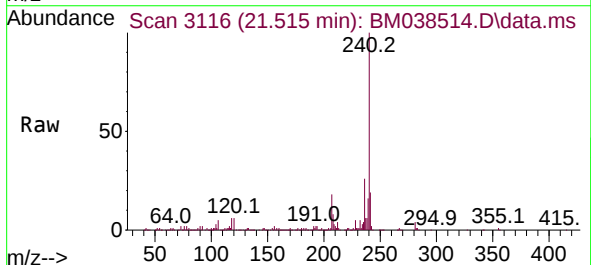
Manual Integrations
APPROVED

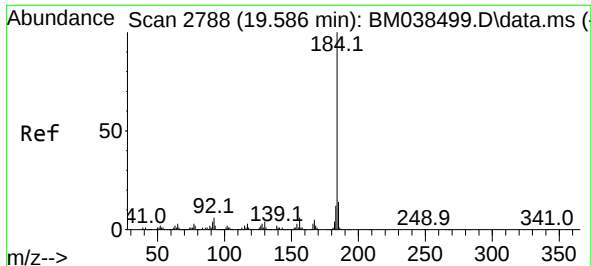
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:240 Resp: 242505
Ion Ratio Lower Upper
240 100
120 6.4 6.2 9.2
236 25.8 20.2 30.2





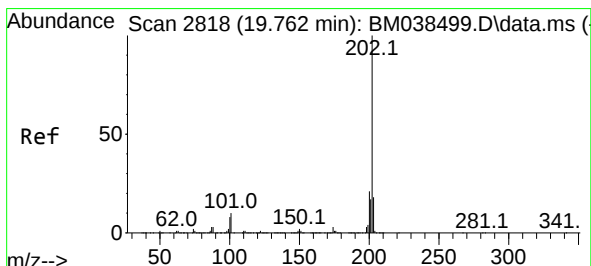
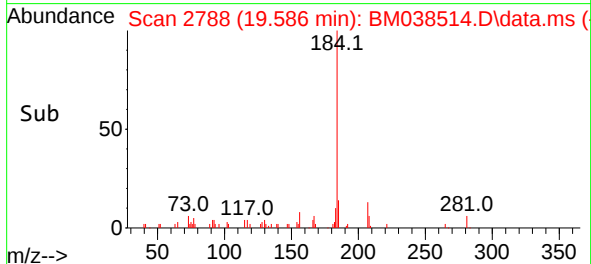
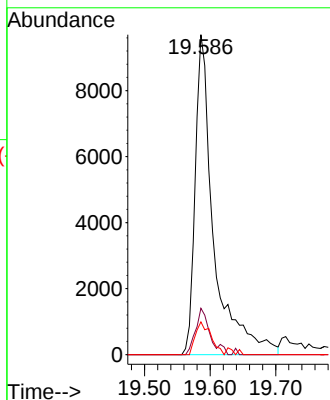
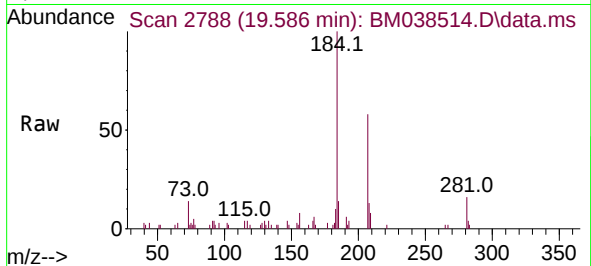
#77
Benzidine
Concen: 3.457 ng
RT: 19.586 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:184 Resp: 19105
Ion Ratio Lower Upper
184 100
185 14.5 10.9 16.3
183 10.2 9.3 13.9

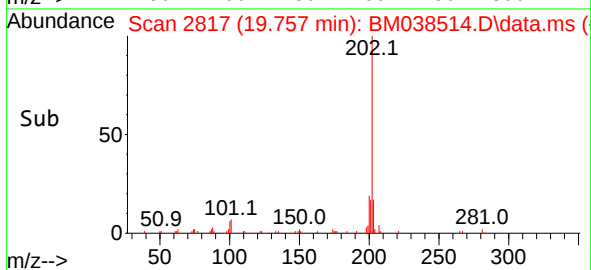
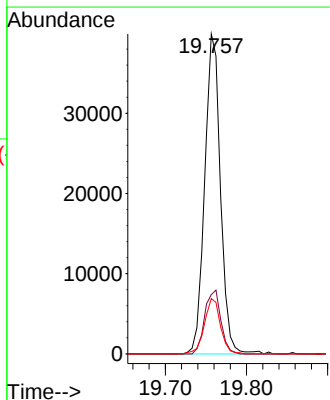
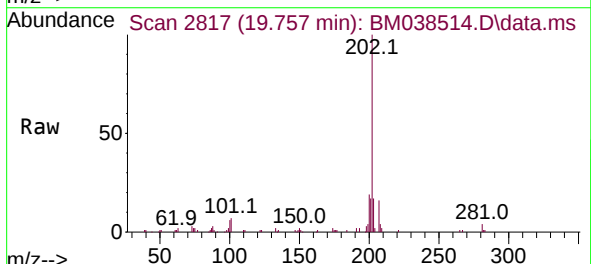
Manual Integrations
APPROVED

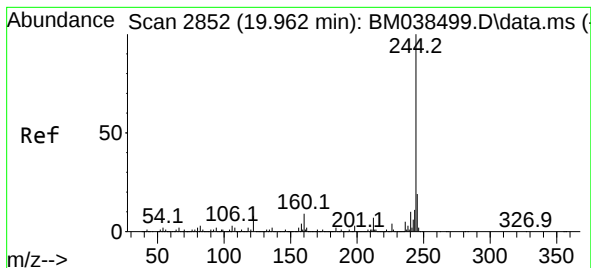
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#78
Pyrene
Concen: 3.193 ng
RT: 19.757 min Scan# 2817
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:202 Resp: 53920
Ion Ratio Lower Upper
202 100
200 18.5 17.0 25.4
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 84.216 ng

RT: 19.957 min Scan# 2851

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

Tgt Ion:244 Resp: 1047582

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

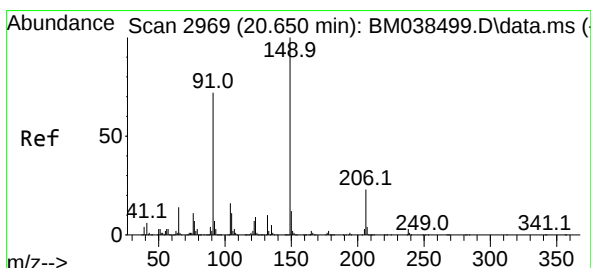
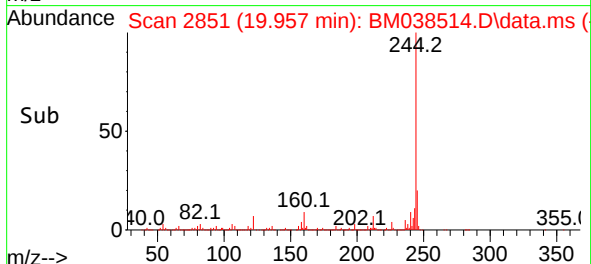
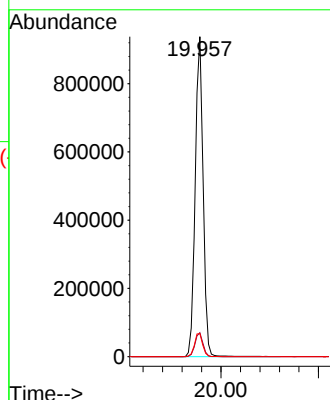
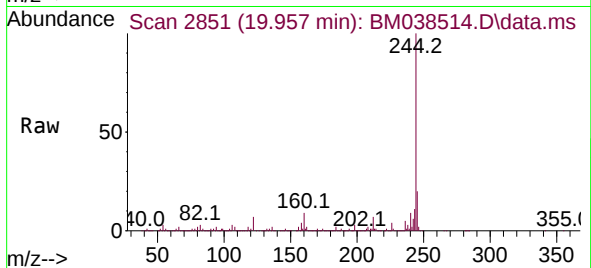
122 7.2 6.7 10.1

Manual Integrations

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Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#80

Butylbenzylphthalate

Concen: 2.778 ng

RT: 20.645 min Scan# 2968

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

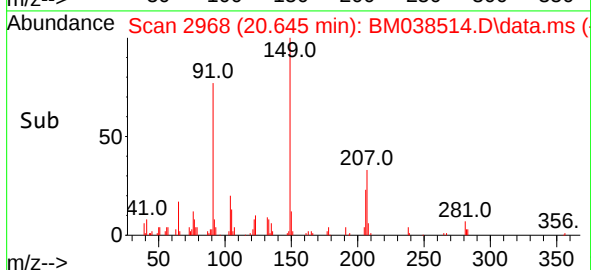
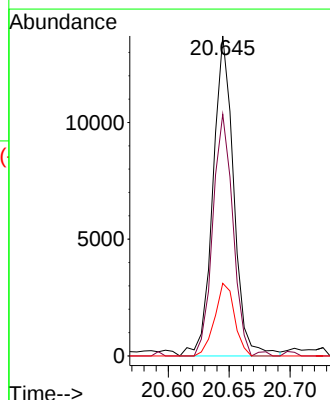
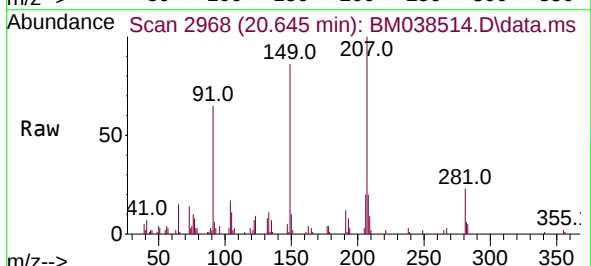
Tgt Ion:149 Resp: 16221

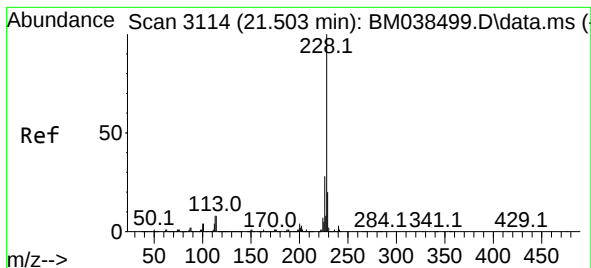
Ion Ratio Lower Upper

149 100

91 75.5 57.5 86.3

206 22.7 18.2 27.2





#81

Benzo(a)anthracene

Concen: 3.590 ng

RT: 21.498 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

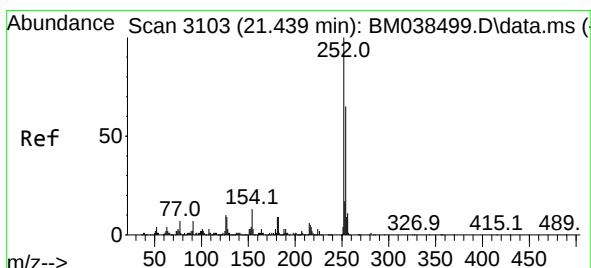
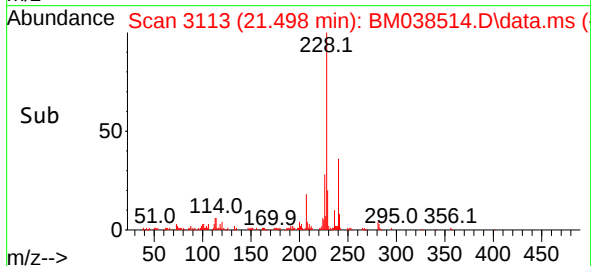
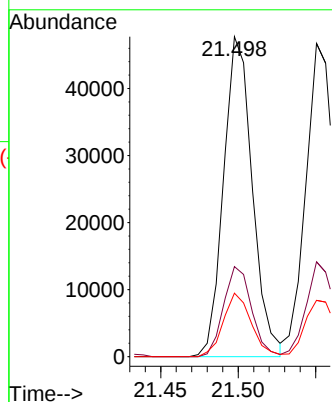
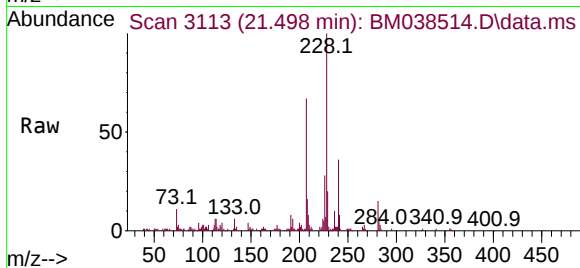
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:228	Resp: 6169
Ion Ratio	Lower Upper
228 100	
226 28.1	22.2 33.2
229 19.8	16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#82

3,3'-Dichlorobenzidine

Concen: 3.964 ng

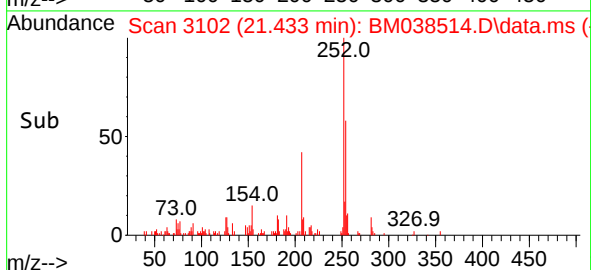
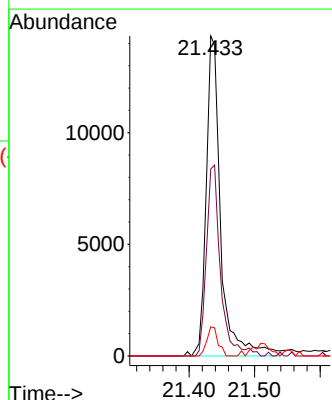
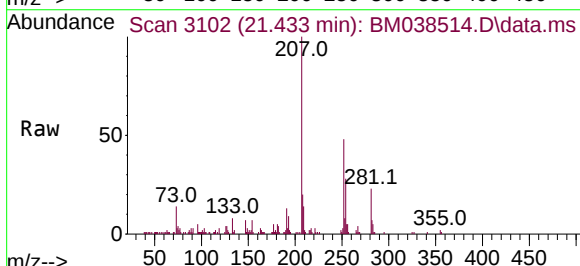
RT: 21.433 min Scan# 3102

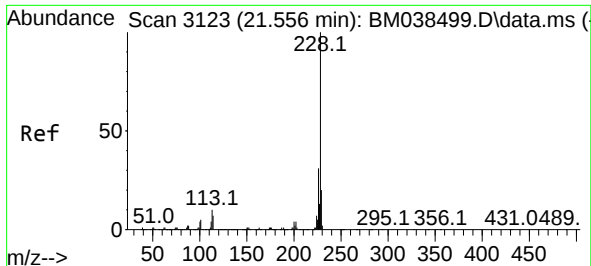
Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

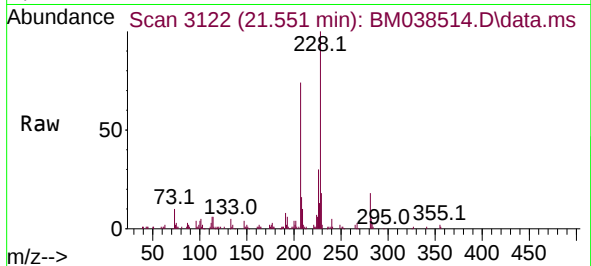
Tgt Ion:252	Resp: 21879
Ion Ratio	Lower Upper
252 100	
254 58.4	51.9 77.9
126 9.1	7.7 11.5





#83
Chrysene
Concen: 3.649 ng
RT: 21.551 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

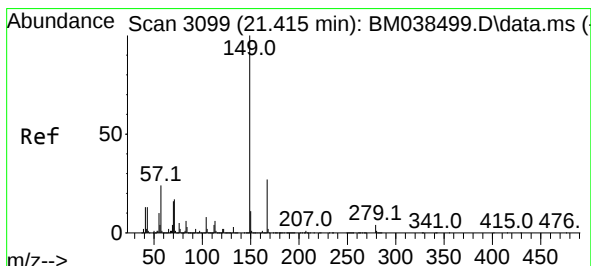
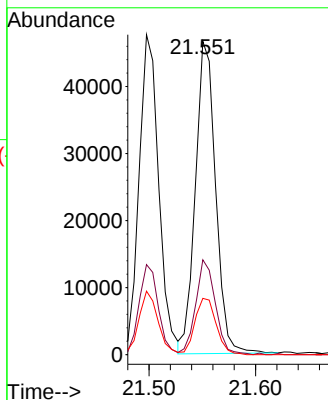
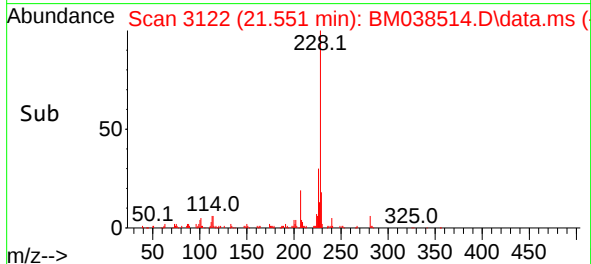
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022



Tgt Ion:228 Resp: 61319
Ion Ratio Lower Upper
228 100
226 30.3 24.4 36.6
229 18.0 15.7 23.5

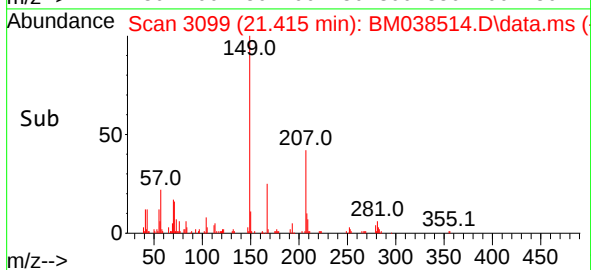
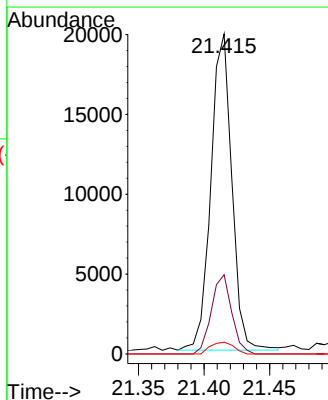
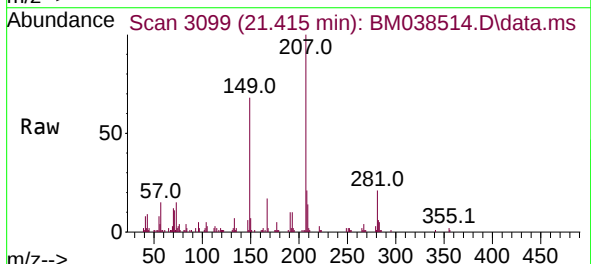
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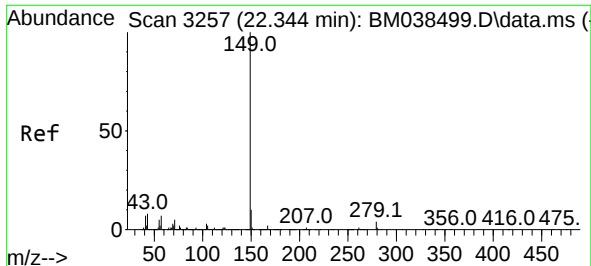
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.616 ng
RT: 21.415 min Scan# 3099
Delta R.T. 0.000 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:149 Resp: 22136
Ion Ratio Lower Upper
149 100
167 24.7 21.3 31.9
279 3.7 3.0 4.4





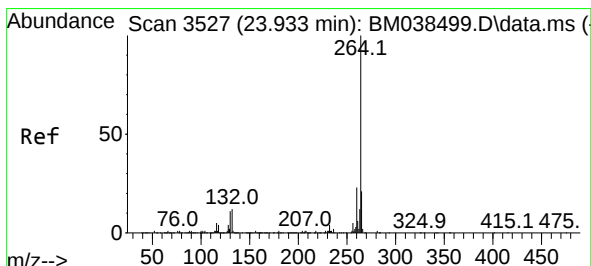
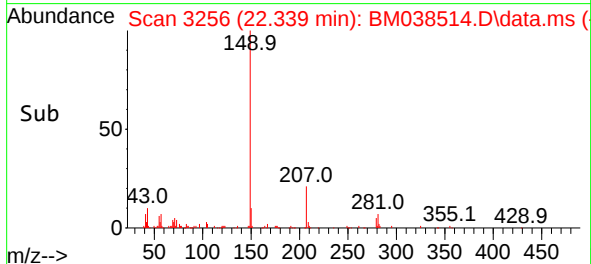
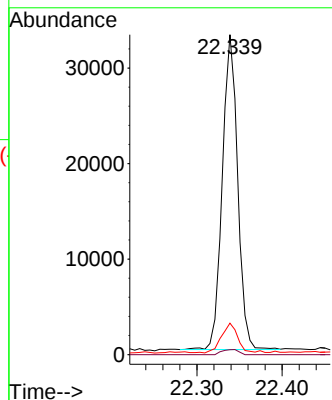
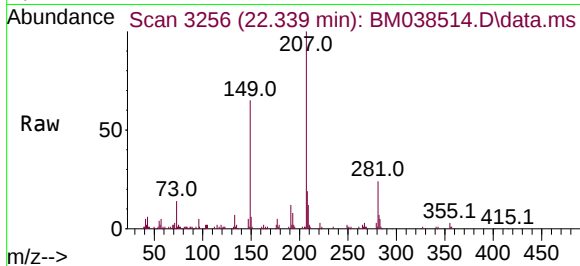
#85
Di-n-octyl phthalate
Concen: 2.745 ng
RT: 22.339 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:149 Resp: 4130
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 9.9 6.7 10.1

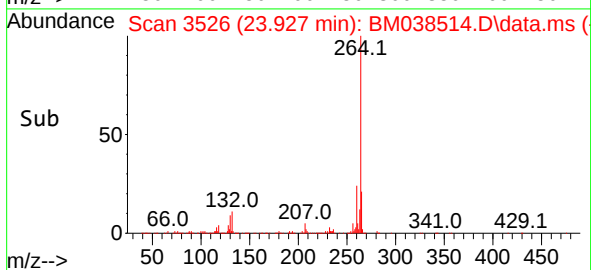
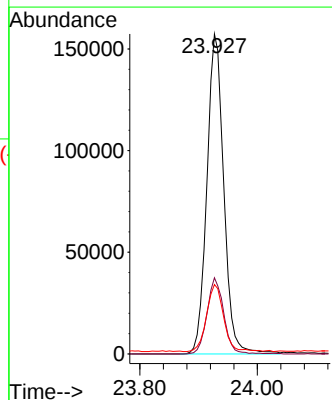
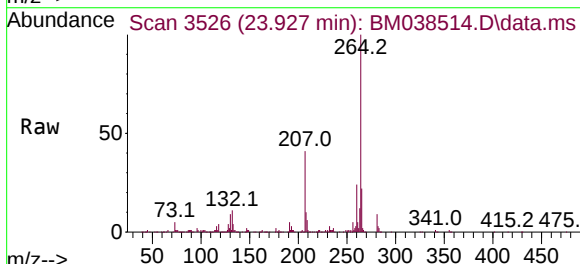
Manual Integrations
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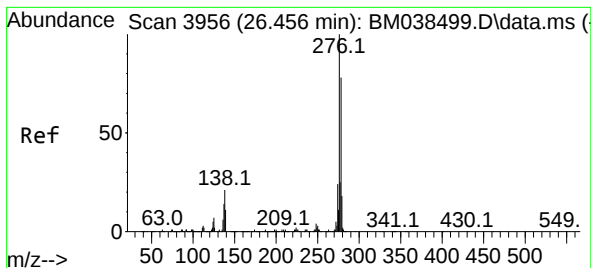
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.927 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:264 Resp: 314467
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.7 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.493 ng

RT: 26.444 min Scan# 3954

Delta R.T. -0.012 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

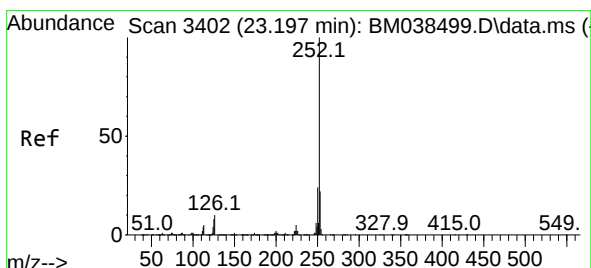
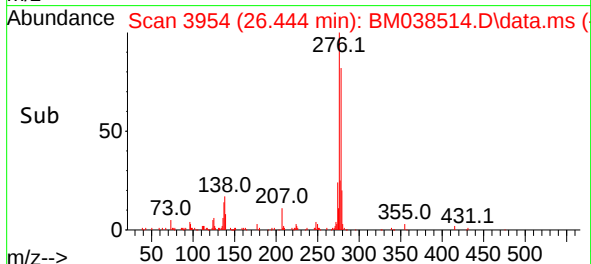
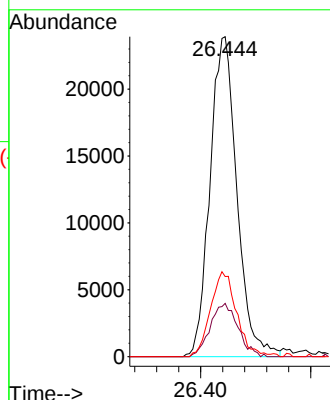
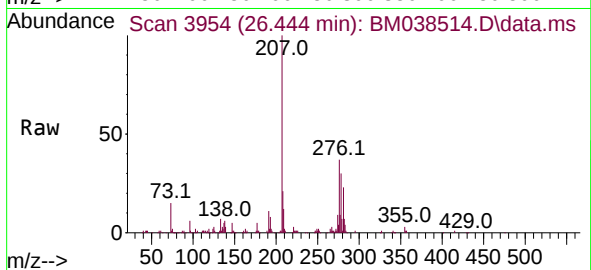
Tgt Ion:	276	Resp:	81272
Ion Ratio	Lower	Upper	
276	100		
138	17.1	15.8	23.8
277	25.8	20.1	30.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#88

Benzo(b)fluoranthene

Concen: 3.587 ng

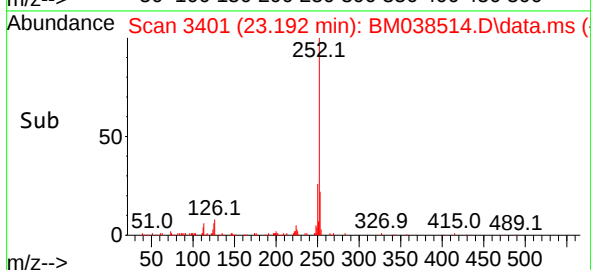
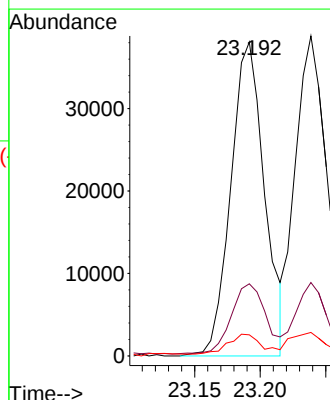
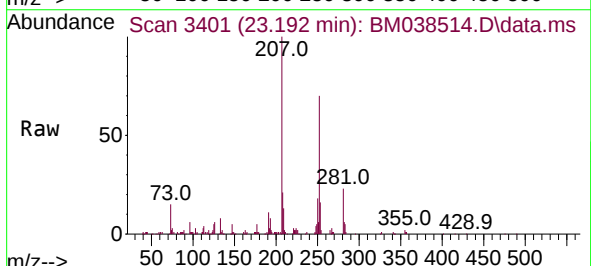
RT: 23.192 min Scan# 3401

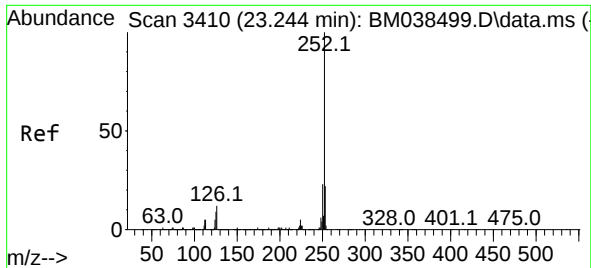
Delta R.T. -0.006 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:	252	Resp:	68038
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.4	26.0
125	6.7	6.4	9.6





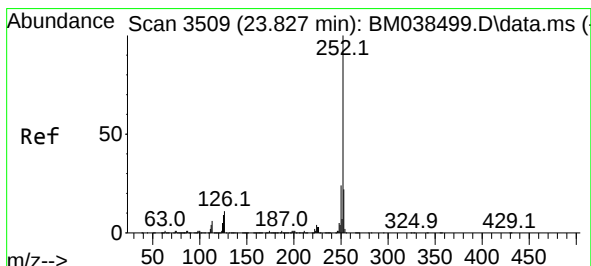
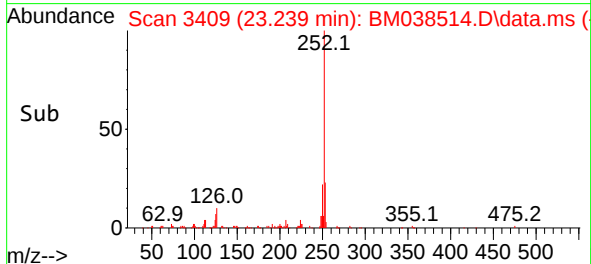
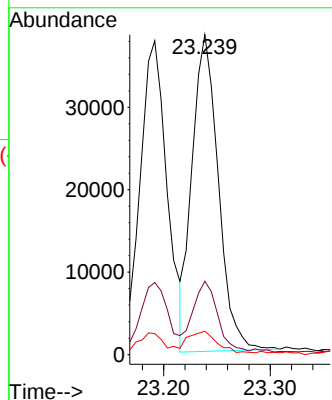
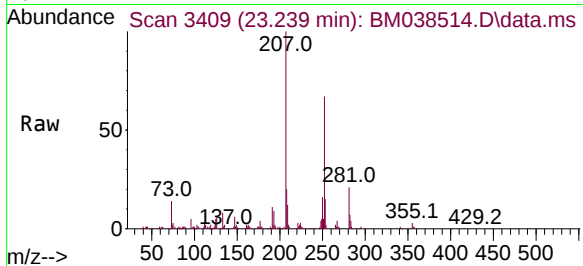
#89
Benzo(k)fluoranthene
Concen: 3.344 ng
RT: 23.239 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2022

Tgt Ion:252 Resp: 65632
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 7.3 6.8 10.2

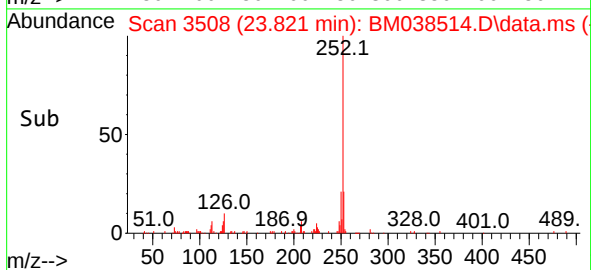
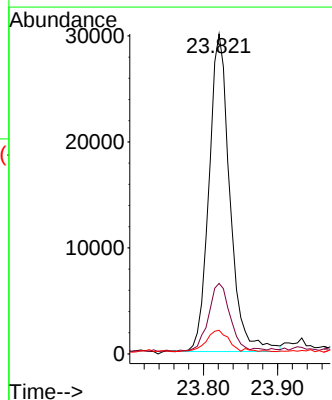
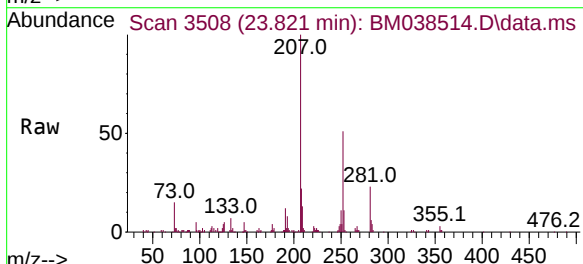
Manual Integrations
APPROVED

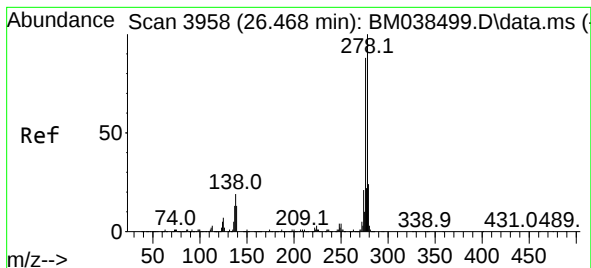
Reviewed By :Christian Giraldo 01/24/2023
Supervised By :Jagrut Upadhyay 01/24/2023



#90
Benzo(a)pyrene
Concen: 3.119 ng
RT: 23.821 min Scan# 3508
Delta R.T. -0.006 min
Lab File: BM038514.D
Acq: 23 Jan 2023 18:26

Tgt Ion:252 Resp: 58662
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.0
125 7.4 7.3 10.9





#91

Dibenzo(a,h)anthracene

Concen: 3.641 ng

RT: 26.450 min Scan# 3958

Delta R.T. -0.017 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2022

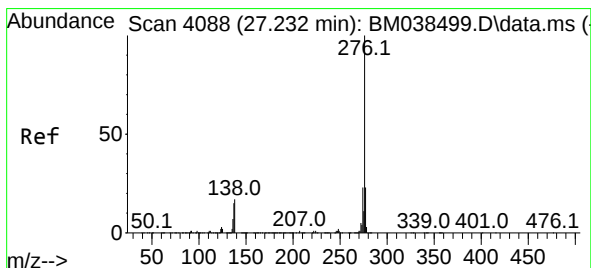
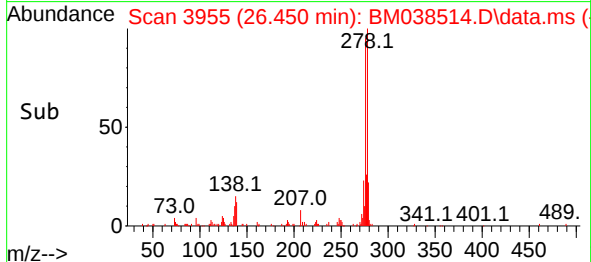
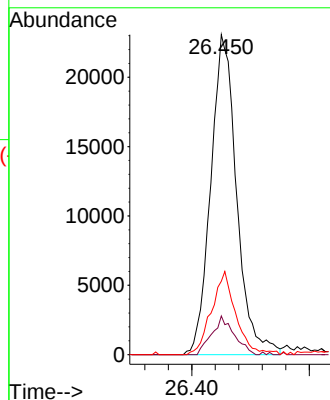
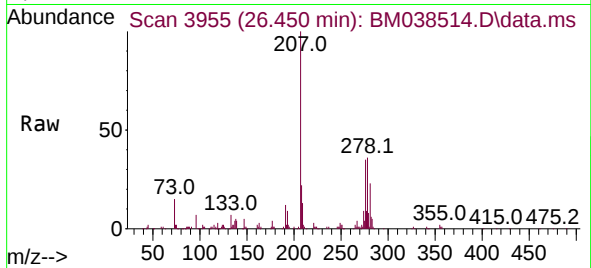
Tgt Ion:	278	Resp:	7051
Ion Ratio	Lower	Upper	
278	100		
139	12.1	10.3	15.5
279	22.9	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/24/2023

Supervised By :Jagrut Upadhyay 01/24/2023



#92

Benzo(g,h,i)perylene

Concen: 3.717 ng

RT: 27.215 min Scan# 4085

Delta R.T. -0.017 min

Lab File: BM038514.D

Acq: 23 Jan 2023 18:26

Tgt Ion:	276	Resp:	73738
Ion Ratio	Lower	Upper	
276	100		
277	24.6	18.8	28.2
138	17.2	13.8	20.8

