

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072022\
 Data File : BM035879.D
 Acq On : 20 Jul 2022 13:48
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-SOIL 4ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2022

Quant Time: Jul 20 14:28:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 18 17:08:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/21/2022
 Supervised By : Jagrut Upadhyay 07/21/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	325897	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	1347594	20.000	ng	0.00
39) Acenaphthene-d10	14.533	164	778097	20.000	ng	0.00
64) Phenanthrene-d10	17.268	188	1441775	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1149456	20.000	ng	0.00
86) Perylene-d12	23.821	264	1077722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	2406237	114.465	ng	0.00
7) Phenol-d6	7.063	99	3232645	122.290	ng	0.00
23) Nitrobenzene-d5	9.063	82	2278018	90.410	ng	0.00
42) 2,4,6-Tribromophenol	16.015	330	1015208	116.644	ng	0.00
45) 2-Fluorobiphenyl	13.163	172	5020625	91.206	ng	0.00
79) Terphenyl-d14	19.892	244	5583596	94.512	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	31082	3.577	ng	97
3) Pyridine	3.734	79	78889	3.416	ng	94
4) n-Nitrosodimethylamine	3.640	42	38797	4.020	ng	# 73
6) Aniline	7.222	93	126267	4.350	ng	97
8) 2-Chlorophenol	7.457	128	82229	3.785	ng	100
9) Benzaldehyde	7.034	77	79284m	5.339	ng	
10) Phenol	7.087	94	102883	3.865	ng	97
11) bis(2-Chloroethyl)ether	7.322	93	86188	4.012	ng	95
12) 1,3-Dichlorobenzene	7.781	146	92763	3.829	ng	96
13) 1,4-Dichlorobenzene	7.934	146	94617	3.835	ng	97
14) 1,2-Dichlorobenzene	8.245	146	92675	3.884	ng	98
15) Benzyl Alcohol	8.139	79	61706	3.543	ng	92
16) 2,2'-oxybis(1-Chloropr...	8.428	45	113660	4.064	ng	95
17) 2-Methylphenol	8.339	107	62888	3.639	ng	96
18) Hexachloroethane	8.975	117	32648	3.679	ng	93
19) n-Nitroso-di-n-propyla...	8.704	70	60491	3.947	ng	88
20) 3+4-Methylphenols	8.669	107	83332	3.567	ng	95
22) Acetophenone	8.722	105	127584	3.831	ng	# 94
24) Nitrobenzene	9.104	77	103884	4.390	ng	99
25) Isophorone	9.628	82	159815	4.055	ng	99
26) 2-Nitrophenol	9.816	139	31178	2.925	ng	95
27) 2,4-Dimethylphenol	9.875	122	70544	4.195	ng	95
28) bis(2-Chloroethoxy)met...	10.116	93	106557	3.884	ng	99
29) 2,4-Dichlorophenol	10.345	162	61519	3.300	ng	97
30) 1,2,4-Trichlorobenzene	10.563	180	78574	3.652	ng	98
31) Naphthalene	10.751	128	270163	3.946	ng	99
33) 4-Chloroaniline	10.863	127	106396	3.884	ng	96
34) Hexachlorobutadiene	11.033	225	45160	3.657	ng	96
35) Caprolactam	11.627	113	16360	2.869	ng	91
36) 4-Chloro-3-methylphenol	11.986	107	66287	3.467	ng	97
37) 2-Methylnaphthalene	12.363	142	177454	3.984	ng	95
38) 1-Methylnaphthalene	12.580	142	169465	3.909	ng	99
40) 1,2,4,5-Tetrachloroben...	12.722	216	83224	3.744	ng	99
41) Hexachlorocyclopentadiene	12.704	237	46218	3.857	ng	97
43) 2,4,6-Trichlorophenol	12.969	196	44680	3.041	ng	97
44) 2,4,5-Trichlorophenol	13.033	196	48379	3.123	ng	98

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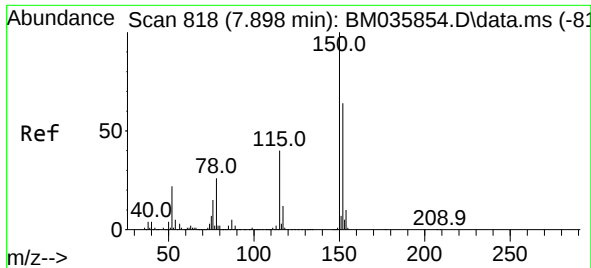
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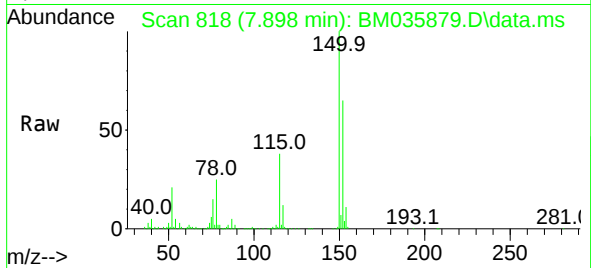
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.369	154	237703	4.016	ng	99
47) 2-Chloronaphthalene	13.410	162	171180	3.763	ng	99
48) 2-Nitroaniline	13.616	65	36377	2.902	ng	97
49) Acenaphthylene	14.251	152	267414	3.817	ng	100
50) Dimethylphthalate	13.992	163	184525	3.603	ng	99
51) 2,6-Dinitrotoluene	14.110	165	33124	3.093	ng	91
52) Acenaphthene	14.592	154	161186	3.841	ng	99
53) 3-Nitroaniline	14.439	138	36897	2.862	ng	# 98
55) Dibenzofuran	14.927	168	254854	3.791	ng	96
56) 4-Nitrophenol	14.739	139	24113	2.383	ng	95
57) 2,4-Dinitrotoluene	14.892	165	38484	2.746	ng	97
58) Fluorene	15.574	166	193729	3.670	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.151	232	38354	3.080	ng	94
60) Diethylphthalate	15.351	149	173460	3.418	ng	99
61) 4-Chlorophenyl-phenyle...	15.574	204	91763	3.573	ng	98
62) 4-Nitroaniline	15.592	138	34486	2.612	ng	95
63) Azobenzene	15.862	77	172111	3.303	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	14711	2.032	ng	87
66) n-Nitrosodiphenylamine	15.786	169	155478	3.672	ng	99
67) 4-Bromophenyl-phenylether	16.462	248	51590	3.559	ng	97
68) Hexachlorobenzene	16.568	284	63081	3.749	ng	94
69) Atrazine	16.733	200	41695	3.748	ng	99
70) Pentachlorophenol	16.915	266	23793	2.548	ng	96
71) Phenanthrene	17.309	178	293095	3.864	ng	99
72) Anthracene	17.398	178	270347	3.667	ng	98
73) Carbazole	17.674	167	244055	3.263	ng	99
74) Di-n-butylphthalate	18.245	149	223246	2.932	ng	99
75) Fluoranthene	19.321	202	269565	3.270	ng	97
77) Benzidine	19.509	184	80262	3.977	ng	97
78) Pyrene	19.686	202	285591	3.800	ng	100
80) Butylbenzylphthalate	20.592	149	69496	2.590	ng	96
81) Benzo(a)anthracene	21.433	228	259845	3.571	ng	100
82) 3,3'-Dichlorobenzidine	21.368	252	69765	4.093	ng	100
83) Chrysene	21.480	228	252923	3.643	ng	98
84) Bis(2-ethylhexyl)phtha...	21.374	149	96408	2.549	ng	96
85) Di-n-octyl phthalate	22.291	149	141617	2.361	ng	100
87) Indeno(1,2,3-cd)pyrene	26.291	276	253641	3.221	ng	96
88) Benzo(b)fluoranthene	23.097	252	236952m	3.694	ng	
89) Benzo(k)fluoranthene	23.144	252	238346	3.590	ng	98
90) Benzo(a)pyrene	23.715	252	219281	4.016	ng	97
91) Dibenzo(a,h)anthracene	26.315	278	226987	3.469	ng	99
92) Benzo(g,h,i)perylene	27.050	276	223078	3.457	ng	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.898 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

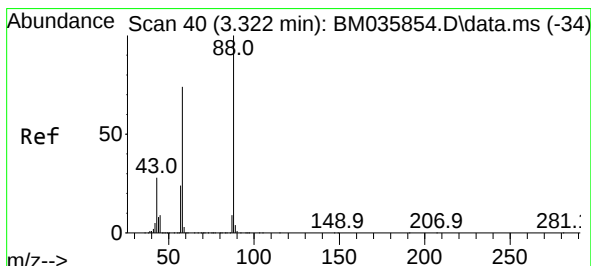
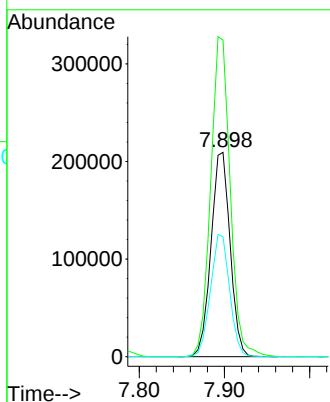
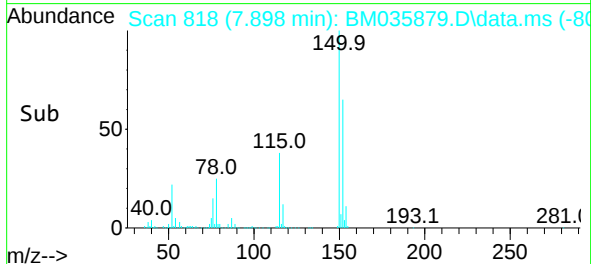
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 32589
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.7 47.9 71.9

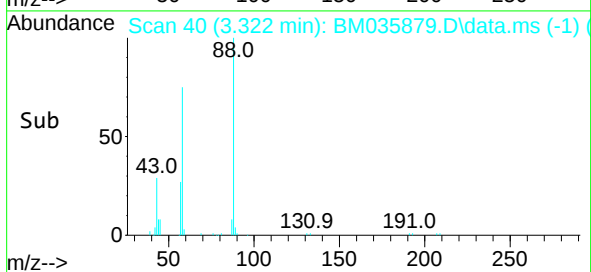
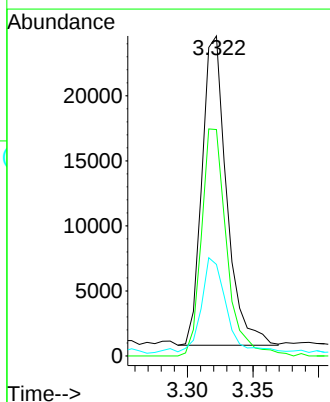
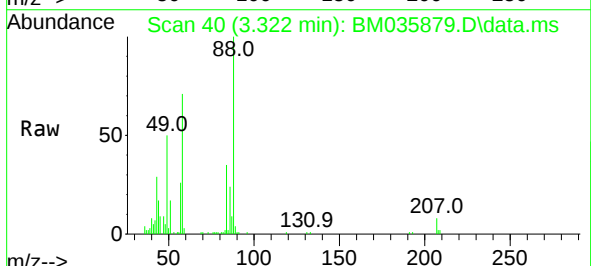
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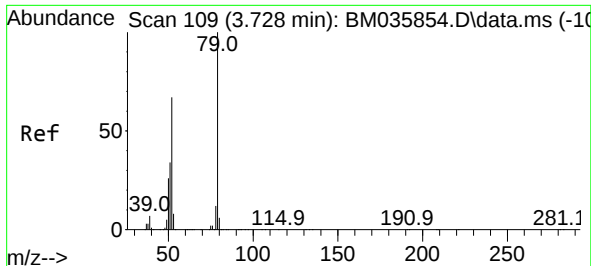
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#2
1,4-Dioxane
Concen: 3.577 ng
RT: 3.322 min Scan# 40
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

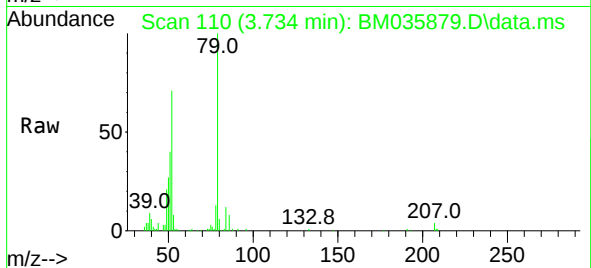
Tgt Ion: 88 Resp: 31082
Ion Ratio Lower Upper
88 100
58 75.4 62.3 93.5
43 33.0 28.7 43.1





#3
Pyridine
Concen: 3.416 ng
RT: 3.734 min Scan# 110
Delta R.T. 0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

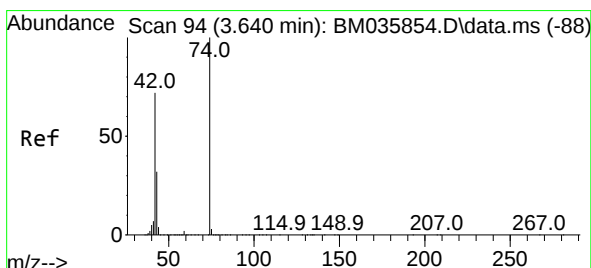
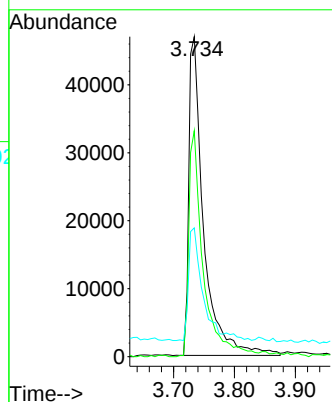
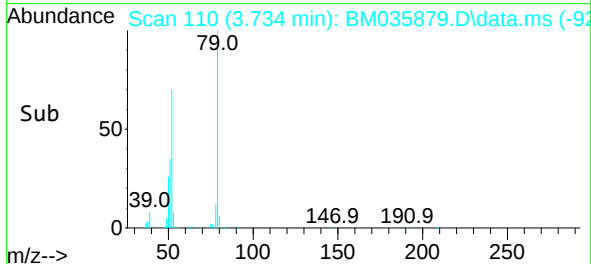
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



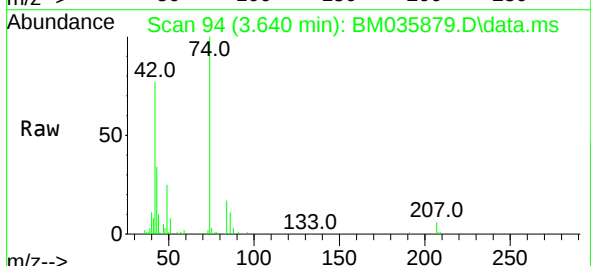
Tgt Ion: 79 Resp: 7888
Ion Ratio Lower Upper
79 100
52 70.6 61.9 92.9
51 40.3 33.5 50.3

Manual Integrations
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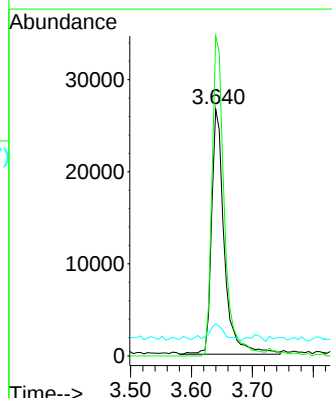
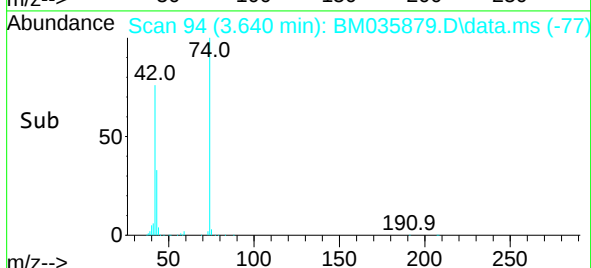
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

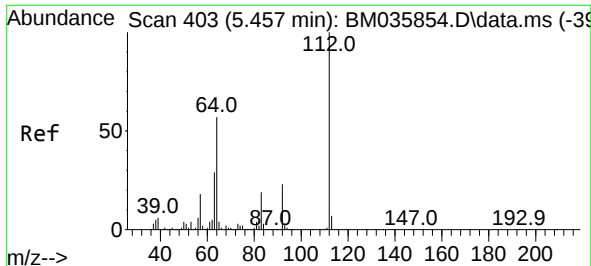


#4
n-Nitrosodimethylamine
Concen: 4.020 ng
RT: 3.640 min Scan# 94
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion: 42 Resp: 38797
Ion Ratio Lower Upper
42 100
74 129.7 81.6 122.4#
44 13.0 5.2 7.8#





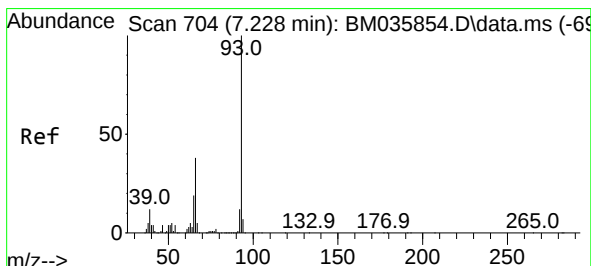
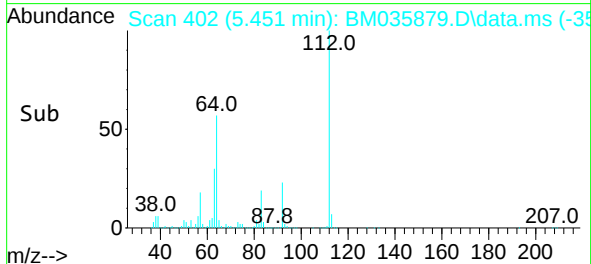
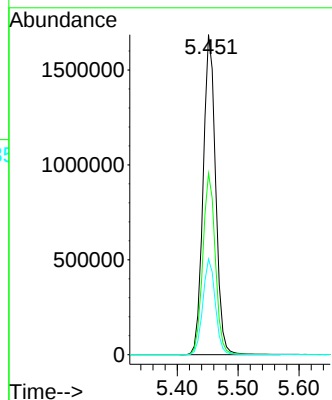
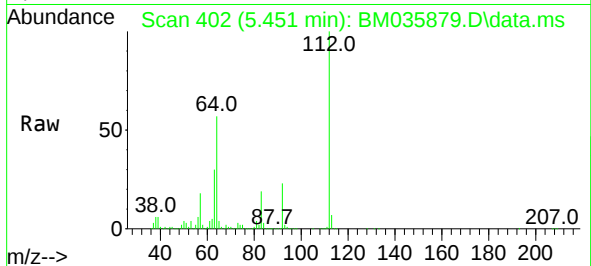
#5
2-Fluorophenol
Concen: 114.465 ng
RT: 5.451 min Scan# 403
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:112 Resp: 240623
Ion Ratio Lower Upper
112 100
64 56.6 47.8 71.6
63 29.9 26.6 40.0

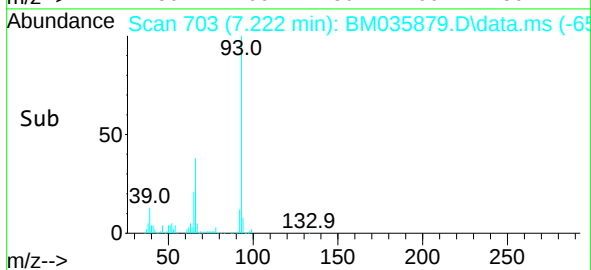
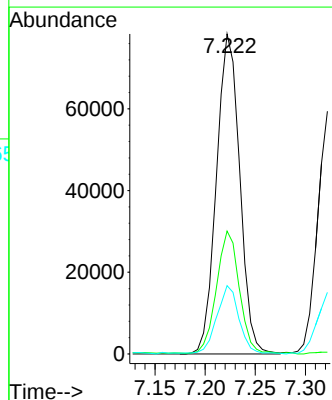
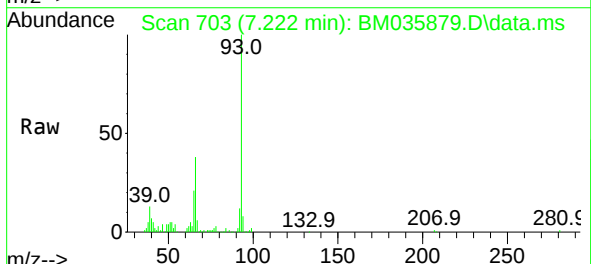
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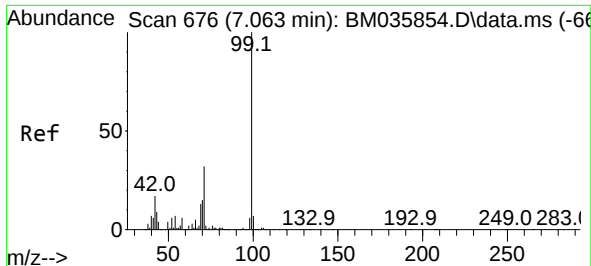
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#6
Aniline
Concen: 4.350 ng
RT: 7.222 min Scan# 703
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

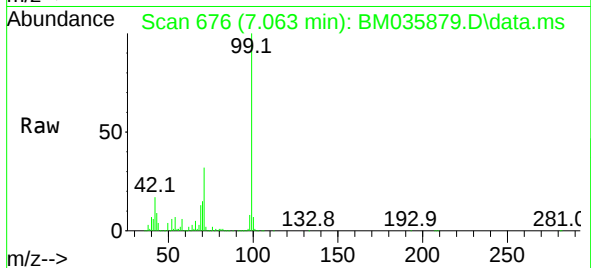
Tgt Ion: 93 Resp: 126267
Ion Ratio Lower Upper
93 100
66 38.4 32.6 49.0
65 21.3 16.8 25.2





#7
Phenol-d6
Concen: 122.290 ng
RT: 7.063 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

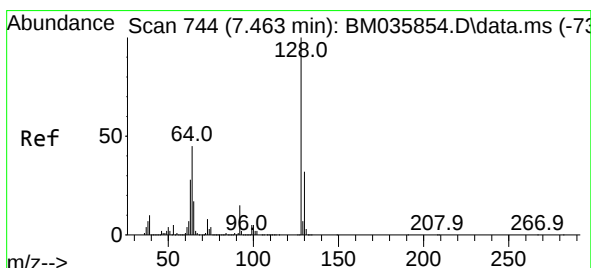
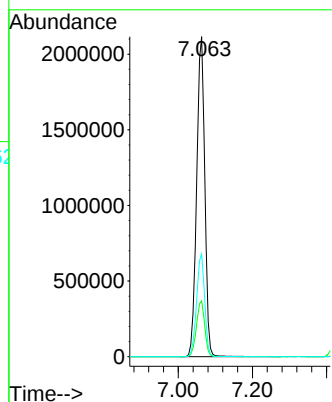
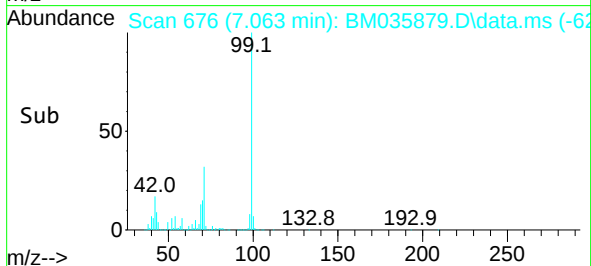
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 99 Resp: 323264
Ion Ratio Lower Upper
99 100
42 17.5 18.8 28.2
71 32.0 30.2 45.2

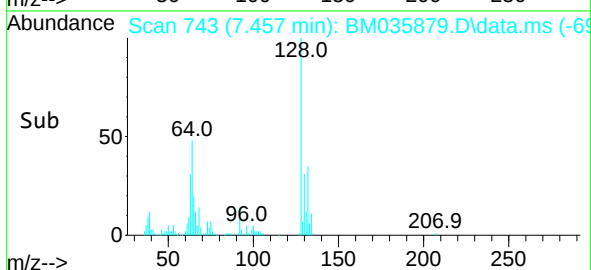
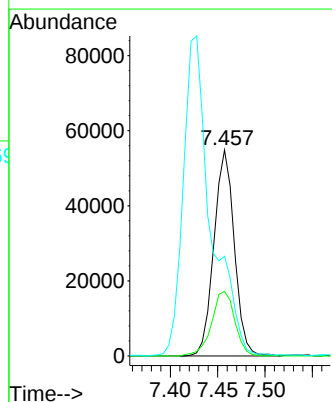
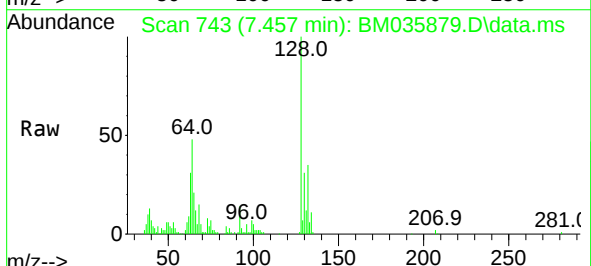
Manual Integrations
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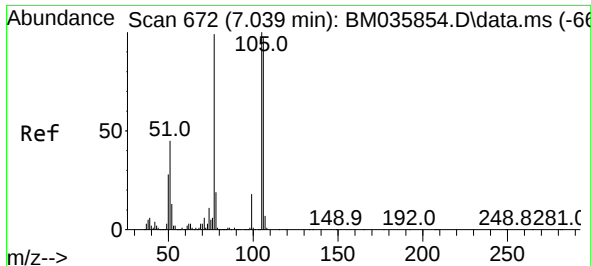
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#8
2-Chlorophenol
Concen: 3.785 ng
RT: 7.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

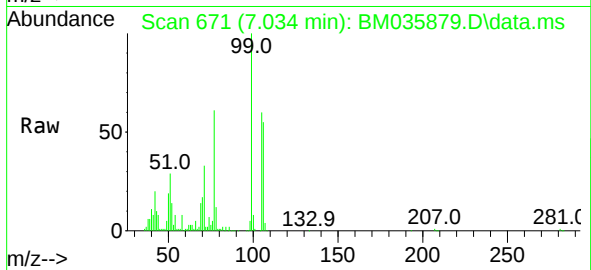
Tgt Ion:128 Resp: 82229
Ion Ratio Lower Upper
128 100
130 31.3 10.9 50.9
64 48.4 28.2 68.2





#9
Benzaldehyde
Concen: 5.339 ng m
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

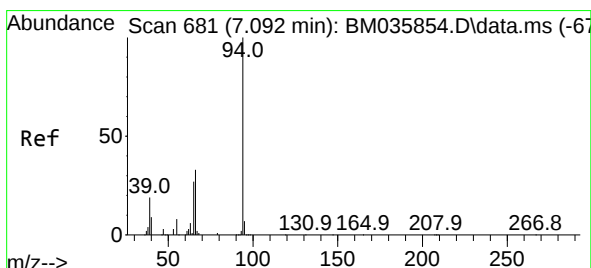
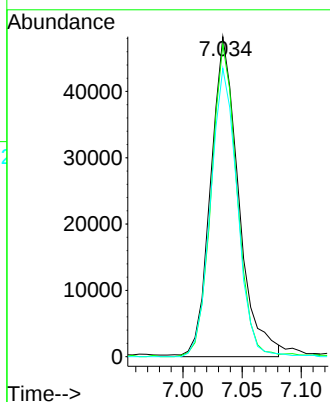
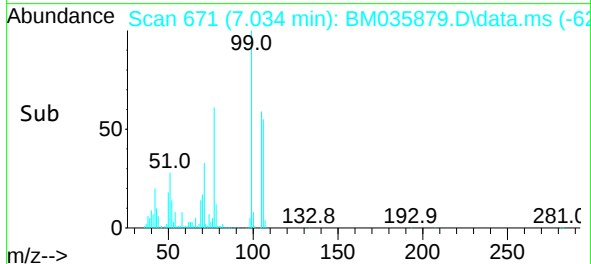
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 77 Resp: 79284
Ion Ratio Lower Upper
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105 97.5 76.3 116.3
106 90.1 69.0 109.0

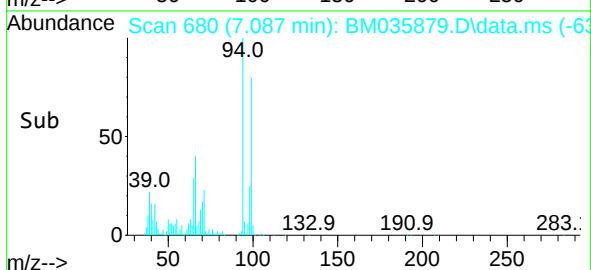
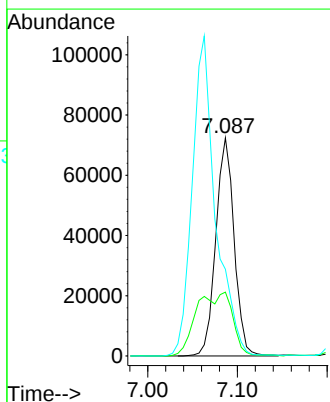
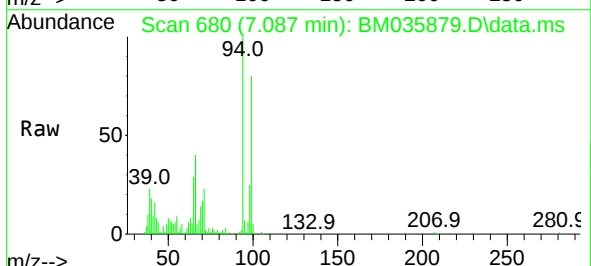
Manual Integrations
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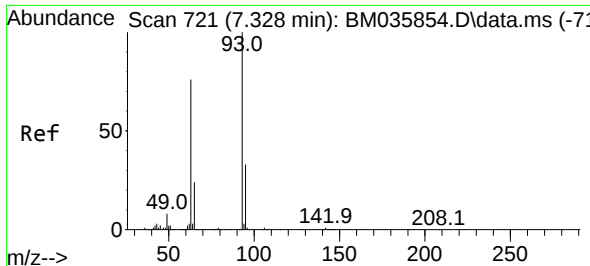
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#10
Phenol
Concen: 3.865 ng
RT: 7.087 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

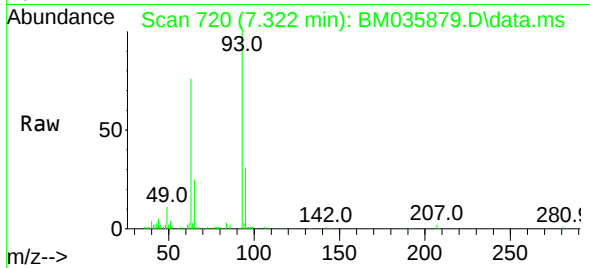
Tgt Ion: 94 Resp: 102883
Ion Ratio Lower Upper
94 100
65 29.3 11.4 51.4
66 39.8 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 4.012 ng
RT: 7.322 min Scan# 721
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

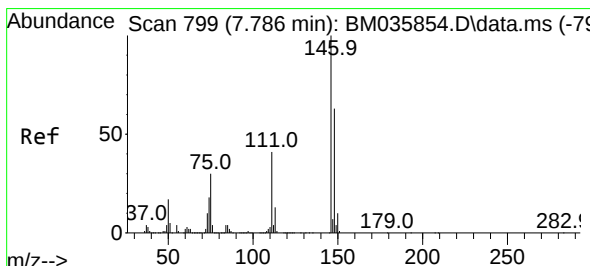
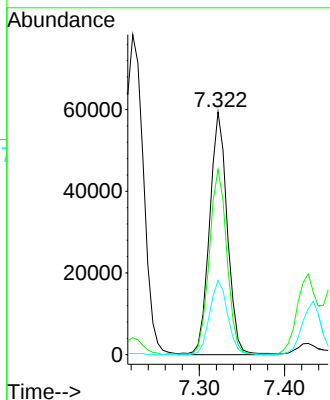
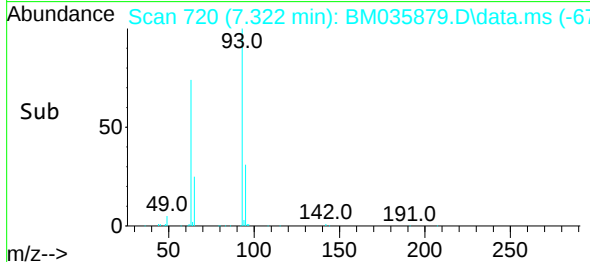
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



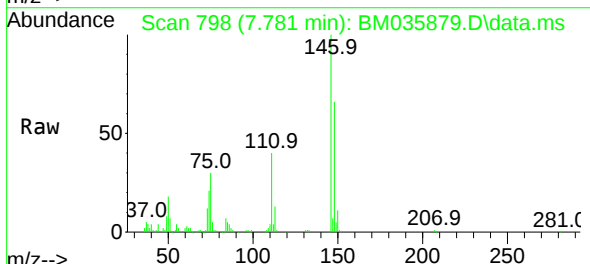
Tgt Ion: 93 Resp: 86188
Ion Ratio Lower Upper
93 100
63 76.4 60.6 100.6
95 30.6 13.2 53.2

Manual Integrations
APPROVED

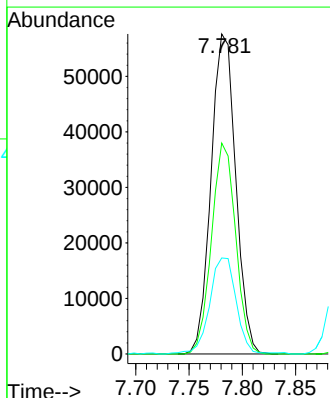
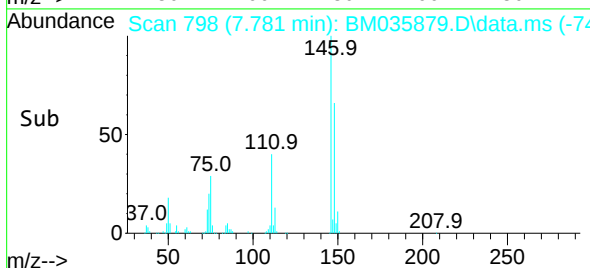
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

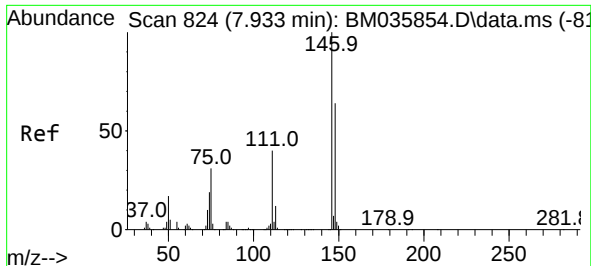


#12
1,3-Dichlorobenzene
Concen: 3.829 ng
RT: 7.781 min Scan# 798
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion:146 Resp: 92763
Ion Ratio Lower Upper
146 100
148 65.9 50.7 76.1
75 30.0 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 3.835 ng

RT: 7.934 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

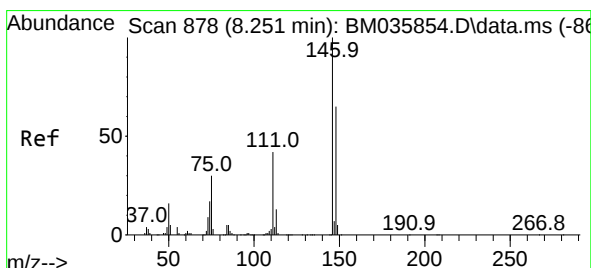
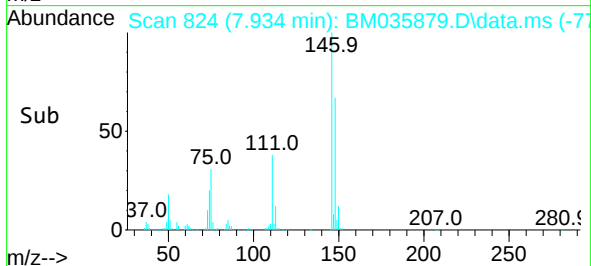
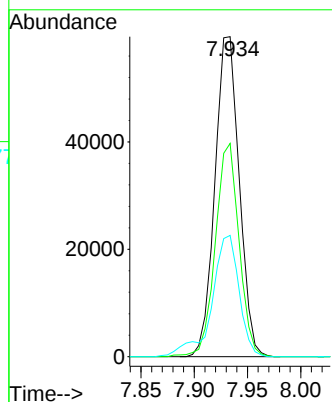
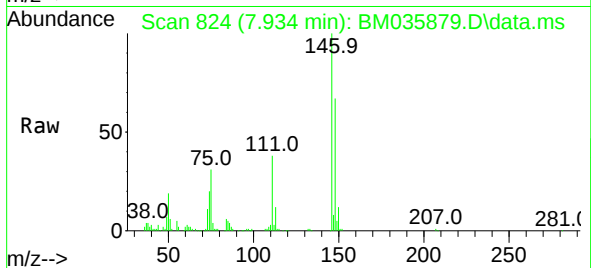
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	146	Resp:	9461
Ion Ratio	Lower	Upper	
146	100		
148	66.6	51.5	77.3
111	37.9	32.5	48.7

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#14

1,2-Dichlorobenzene

Concen: 3.884 ng

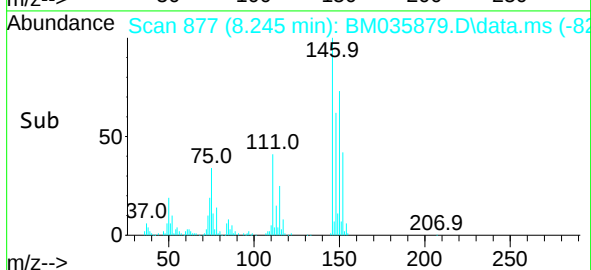
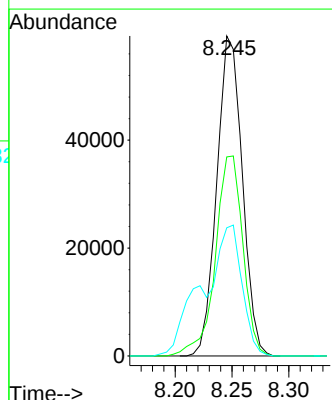
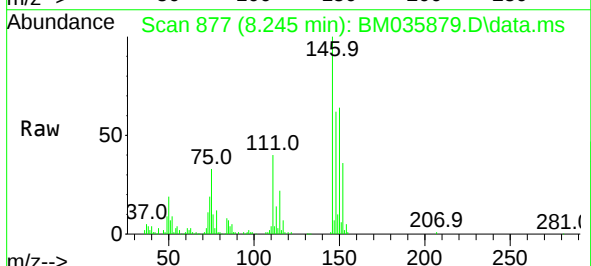
RT: 8.245 min Scan# 877

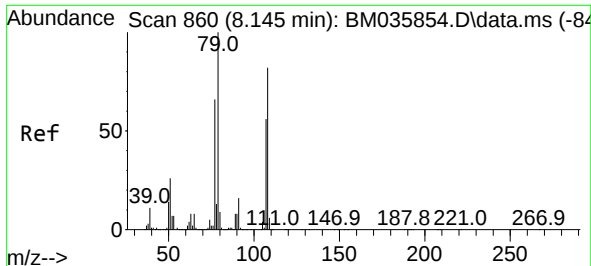
Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

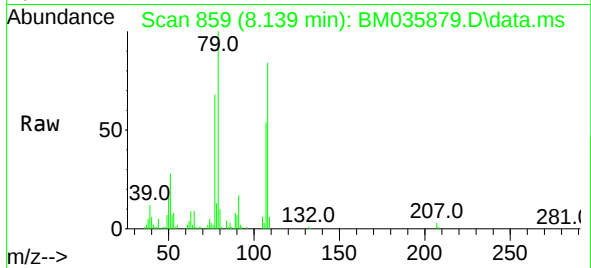
Tgt Ion:	146	Resp:	92675
Ion Ratio	Lower	Upper	
146	100		
148	62.2	50.7	76.1
111	40.1	33.9	50.9





#15
Benzyl Alcohol
Concen: 3.543 ng
RT: 8.139 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

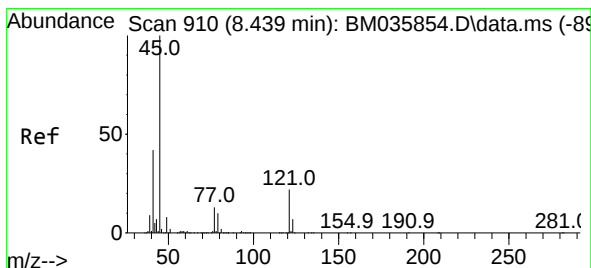
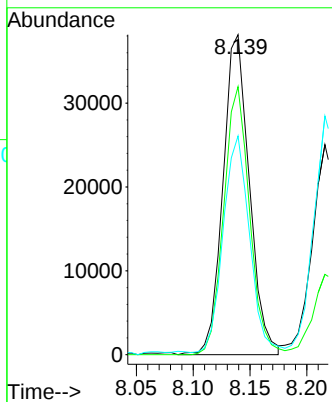
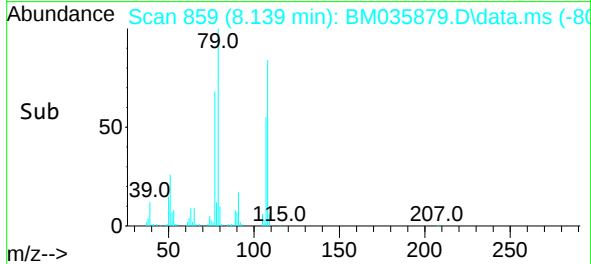
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



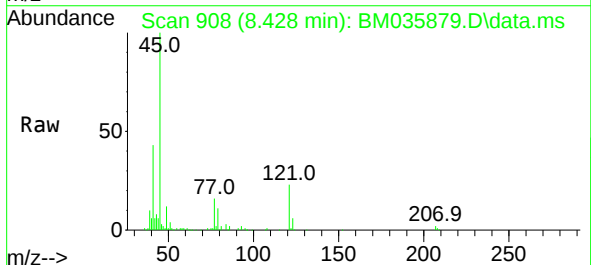
Tgt Ion: 79 Resp: 61700
Ion Ratio Lower Upper
79 100
108 83.7 59.0 88.4
77 68.3 52.2 78.4

Manual Integrations
APPROVED

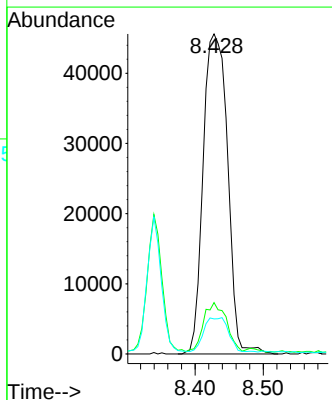
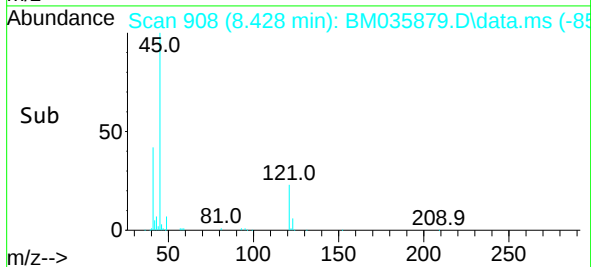
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

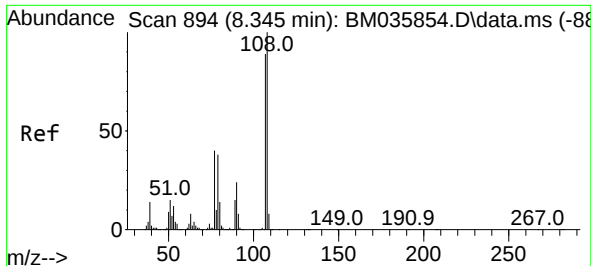


#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.064 ng
RT: 8.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



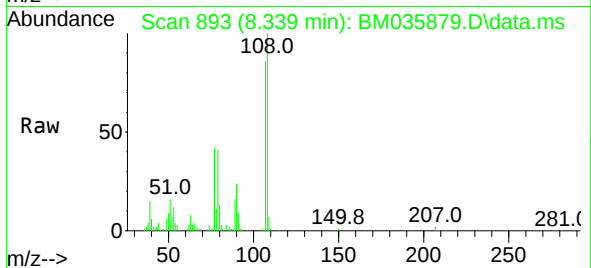
Tgt Ion: 45 Resp: 113660
Ion Ratio Lower Upper
45 100
77 16.0 0.0 33.1
79 11.0 0.0 30.5





#17
2-Methylphenol
Concen: 3.639 ng
RT: 8.339 min Scan# 894
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

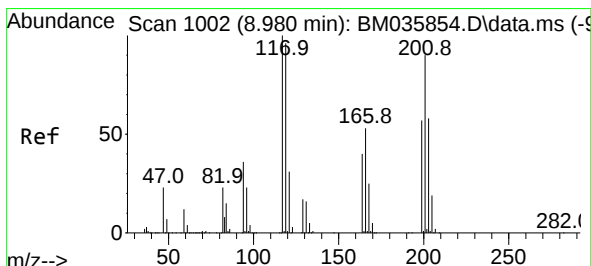
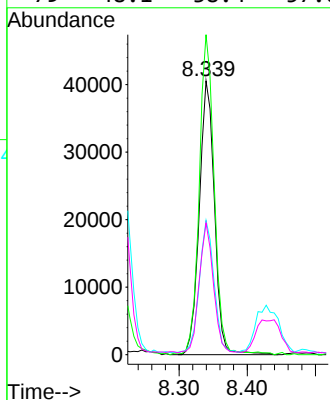
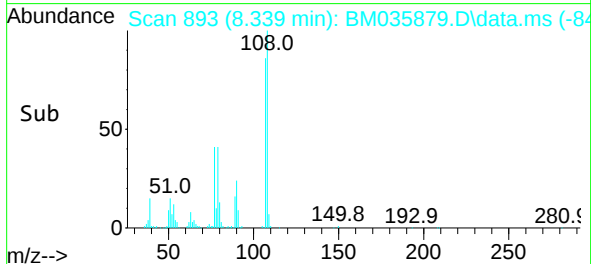
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



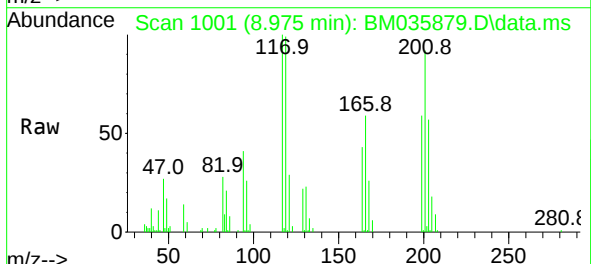
Tgt Ion:107 Resp: 6288
Ion Ratio Lower Upper
107 100
108 116.9 88.7 133.1
77 49.0 40.6 60.8
79 48.1 38.4 57.6

Manual Integrations
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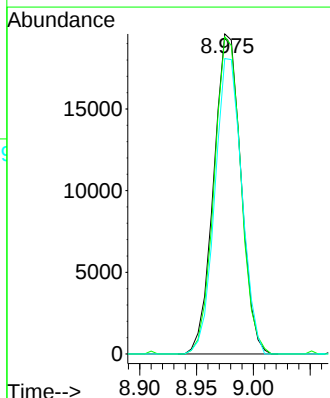
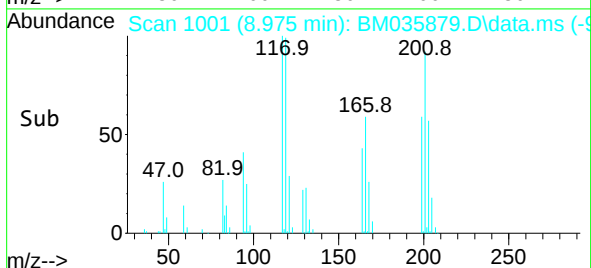
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

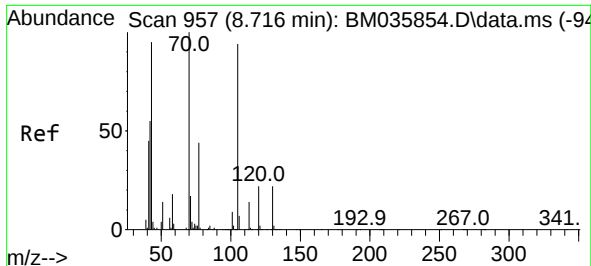


#18
Hexachloroethane
Concen: 3.679 ng
RT: 8.975 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion:117 Resp: 32648
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.6
201 92.3 81.0 121.4





#19

n-Nitroso-di-n-propylamine

Concen: 3.947 ng

RT: 8.704 min Scan# 91

Delta R.T. -0.012 min

Lab File: BM035879.D

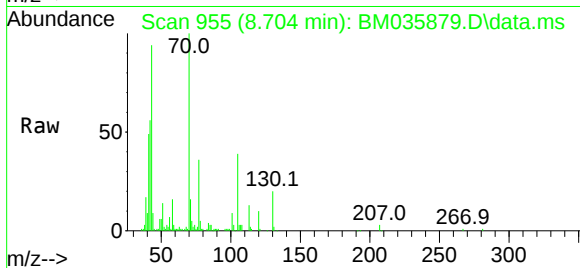
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 70 Resp: 6049

Ion Ratio Lower Upper

70 100

42 55.9 55.4 83.2

101 9.3 7.8 11.6

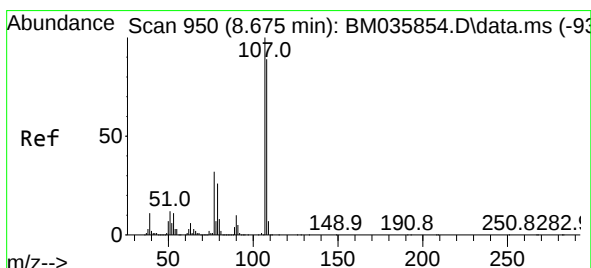
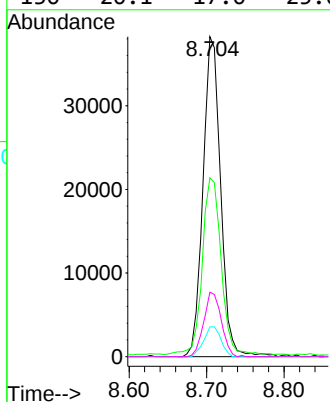
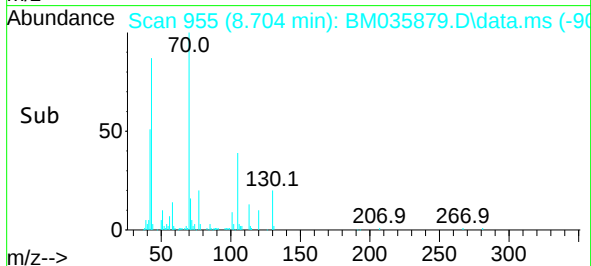
130 20.1 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#20

3+4-Methylphenols

Concen: 3.567 ng

RT: 8.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Tgt Ion:107 Resp: 83332

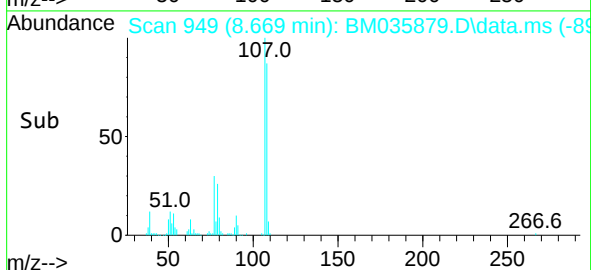
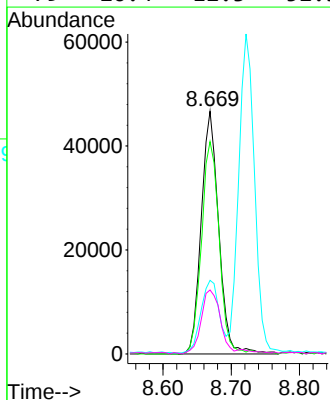
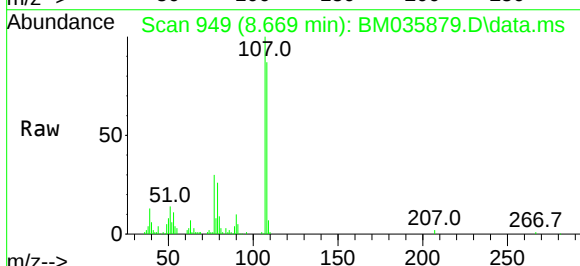
Ion Ratio Lower Upper

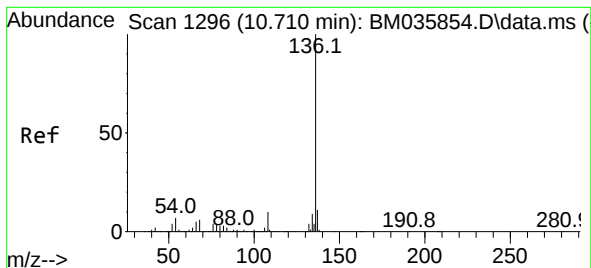
107 100

108 87.5 69.3 109.3

77 30.4 15.8 55.8

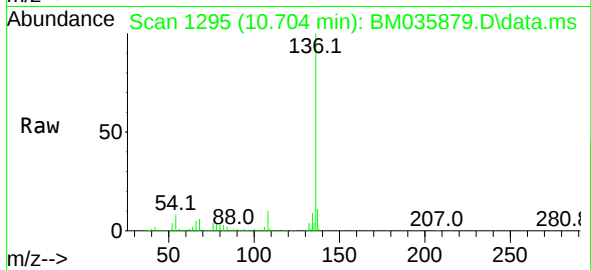
79 26.4 12.3 52.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

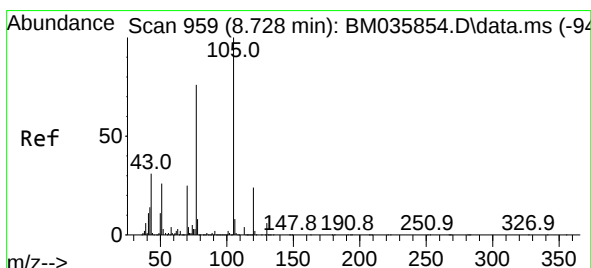
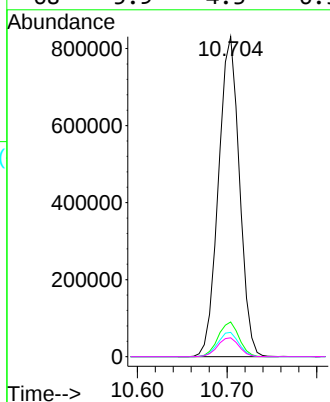
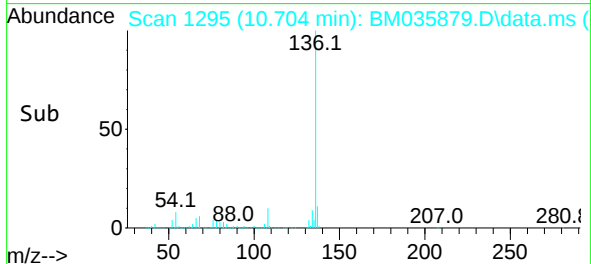
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:136 Resp: 1347594
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.6 7.0 10.4
68 5.9 4.3 6.5

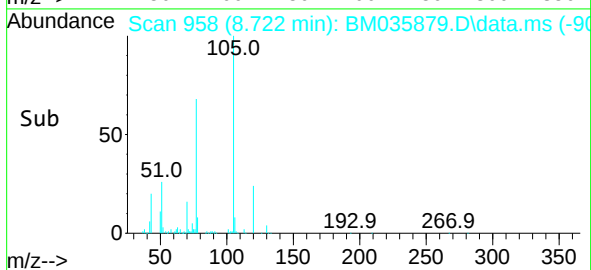
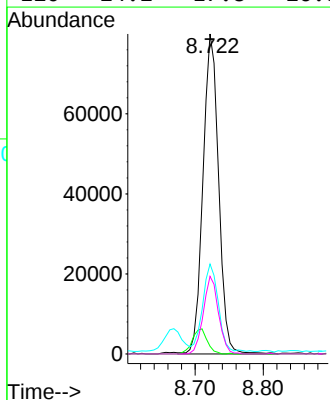
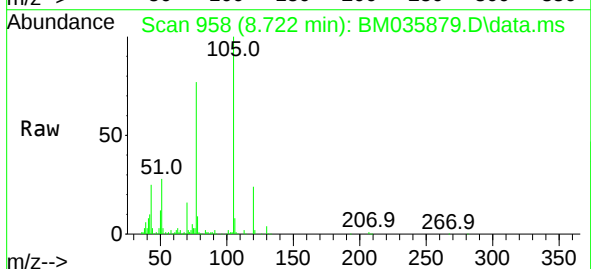
Manual Integrations
APPROVED

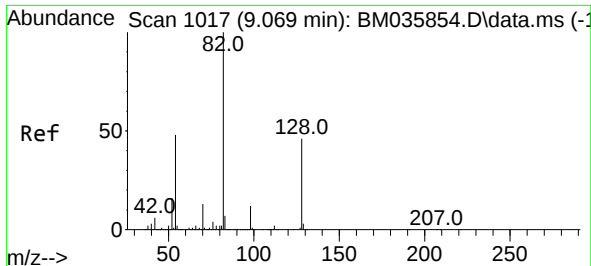
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#22
Acetophenone
Concen: 3.831 ng
RT: 8.722 min Scan# 958
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

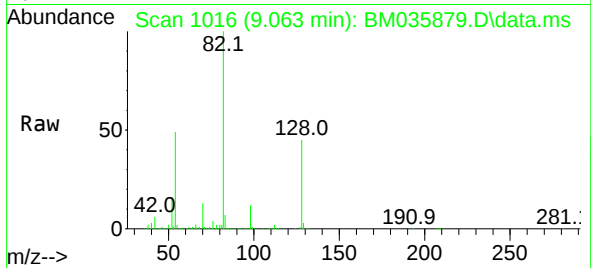
Tgt Ion:105 Resp: 127584
Ion Ratio Lower Upper
105 100
71 2.4 5.0 7.4#
51 28.1 25.6 38.4
120 24.2 17.8 26.8





#23
Nitrobenzene-d5
Concen: 90.410 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

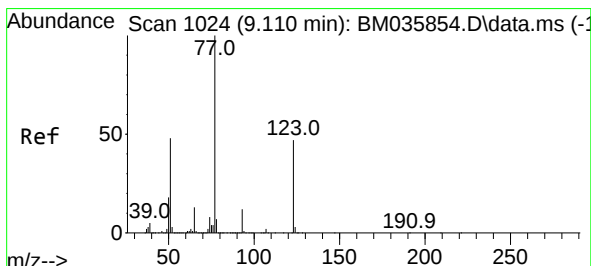
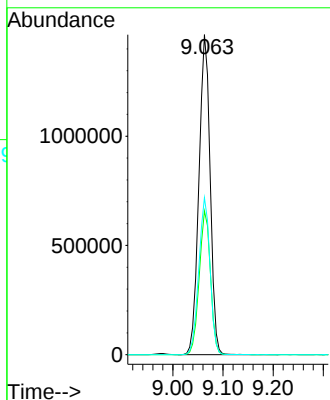
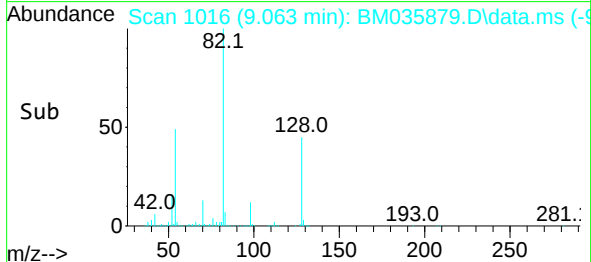
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 82 Resp: 2278018
Ion Ratio Lower Upper
82 100
128 44.9 33.7 50.5
54 49.1 43.2 64.8

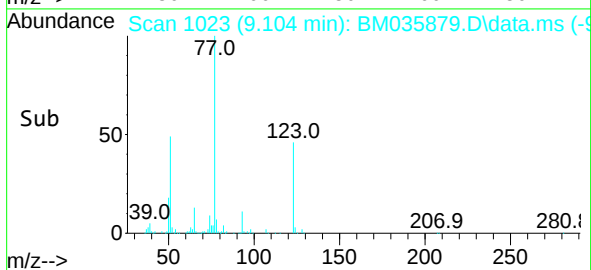
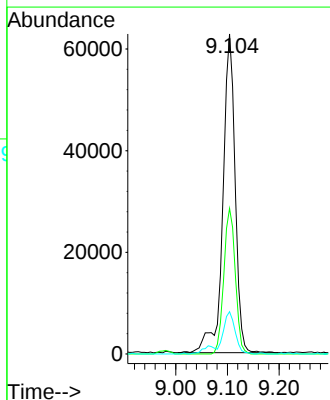
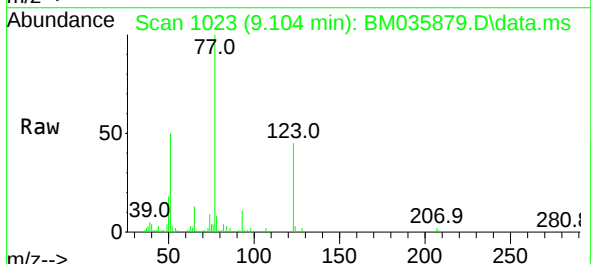
Manual Integrations
APPROVED

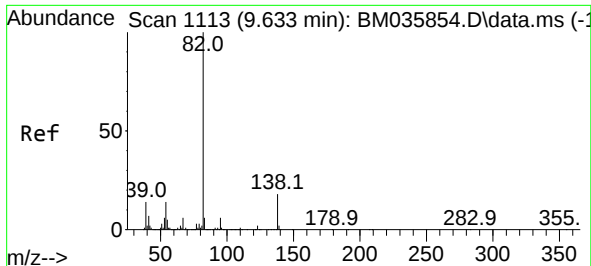
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#24
Nitrobenzene
Concen: 4.390 ng
RT: 9.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

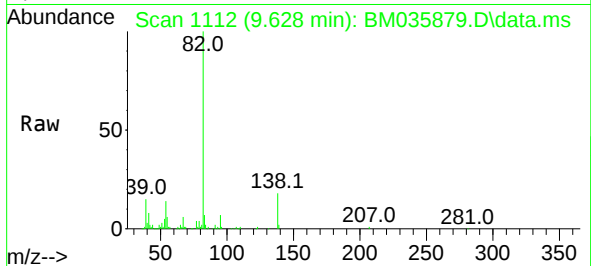
Tgt Ion: 77 Resp: 103884
Ion Ratio Lower Upper
77 100
123 45.5 36.2 54.4
65 13.2 11.4 17.0





#25
Isophorone
Concen: 4.055 ng
RT: 9.628 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

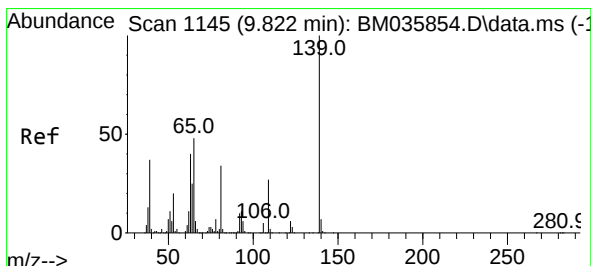
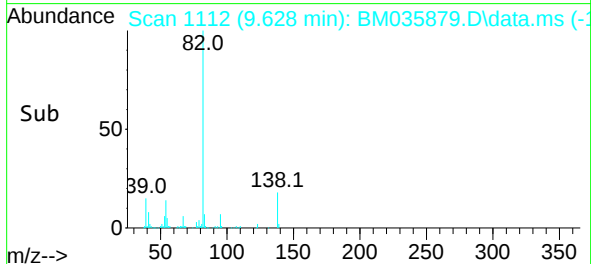
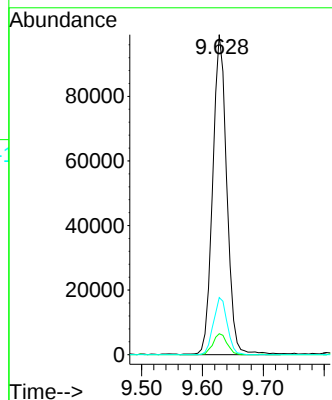
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 82 Resp: 159815
Ion Ratio Lower Upper
82 100
95 6.5 6.4 9.6
138 17.8 14.2 21.4

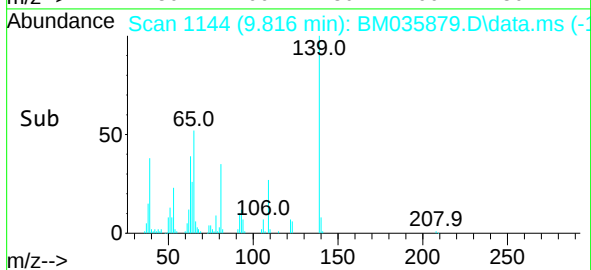
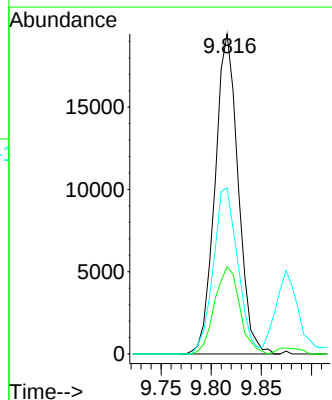
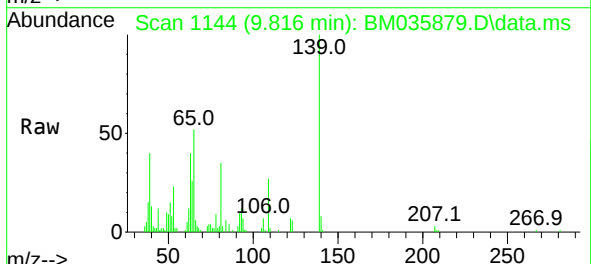
Manual Integrations
APPROVED

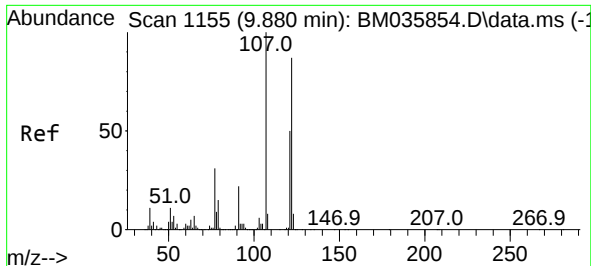
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#26
2-Nitrophenol
Concen: 2.925 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Tgt Ion:139 Resp: 31178
Ion Ratio Lower Upper
139 100
109 27.3 25.6 38.4
65 51.9 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 4.195 ng

RT: 9.875 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BM035879.D

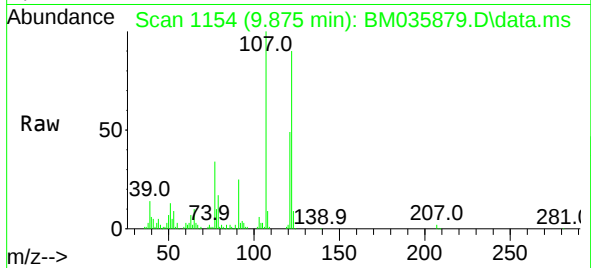
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



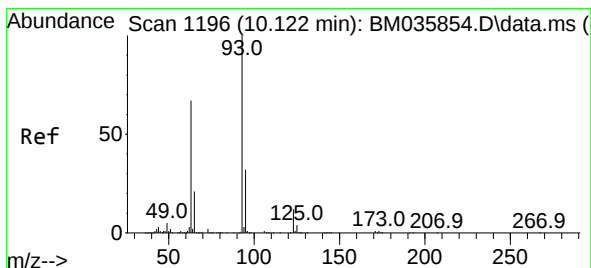
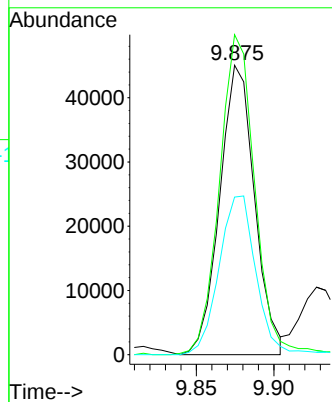
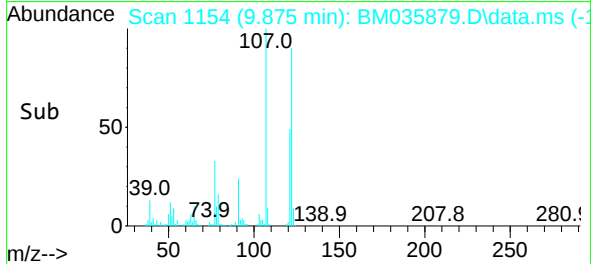
Tgt Ion:	122	Resp:	70544
Ion	Ratio	Lower	Upper
122	100		
107	110.6	92.4	138.6
121	54.5	47.4	71.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#28

bis(2-Chloroethoxy)methane

Concen: 3.884 ng

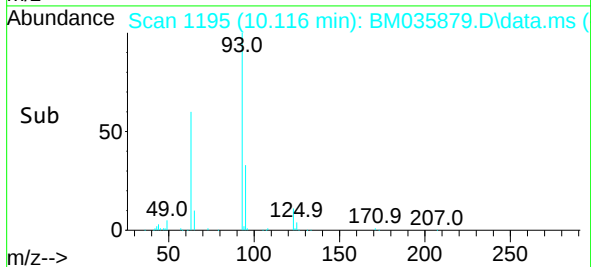
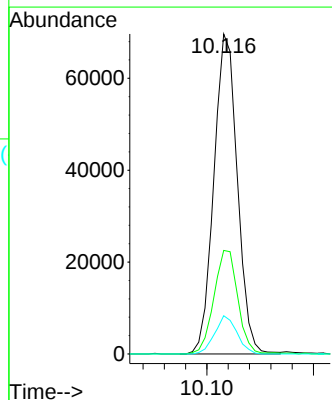
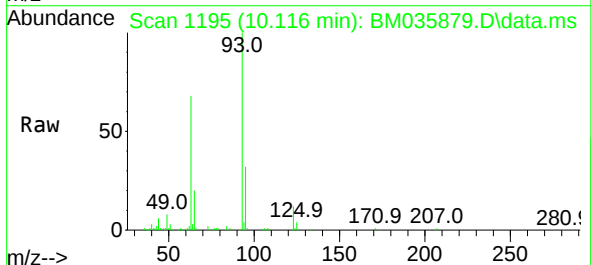
RT: 10.116 min Scan# 1195

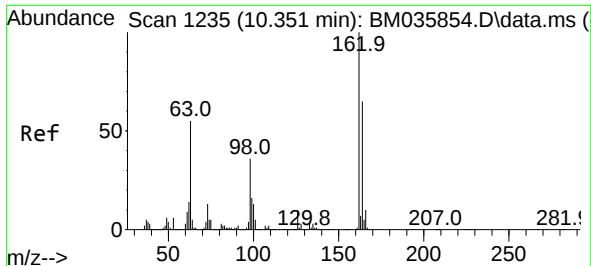
Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Tgt Ion:	93	Resp:	106557
Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	11.9	9.0	13.4





#29

2,4-Dichlorophenol

Concen: 3.300 ng

RT: 10.345 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035879.D

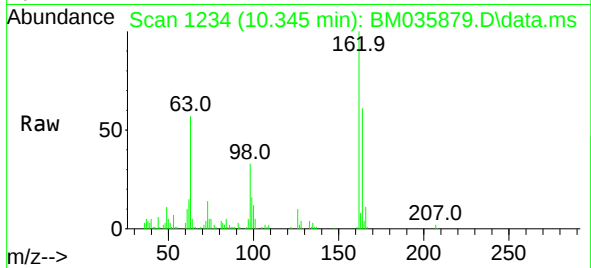
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:162 Resp: 61519

Ion Ratio Lower Upper

162 100

164 61.5 44.2 84.2

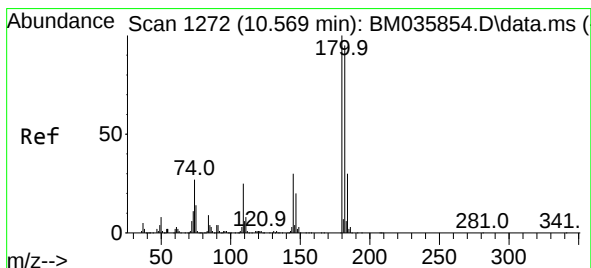
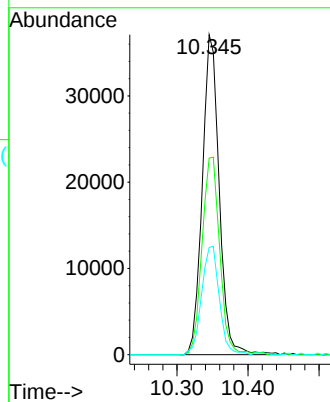
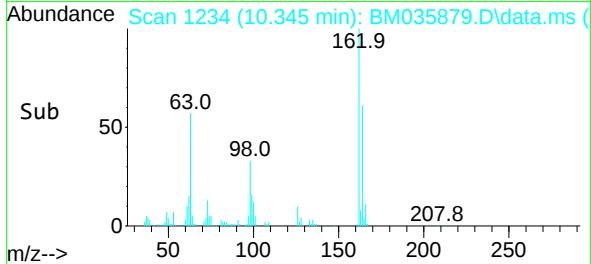
98 33.5 15.0 55.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#30

1,2,4-Trichlorobenzene

Concen: 3.652 ng

RT: 10.563 min Scan# 1271

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

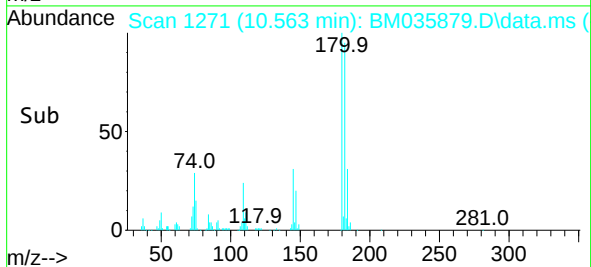
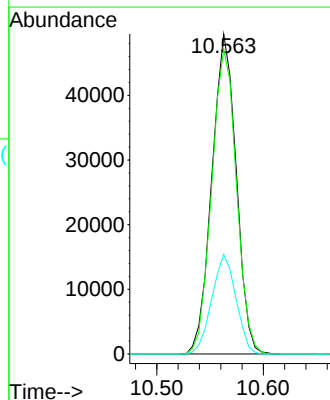
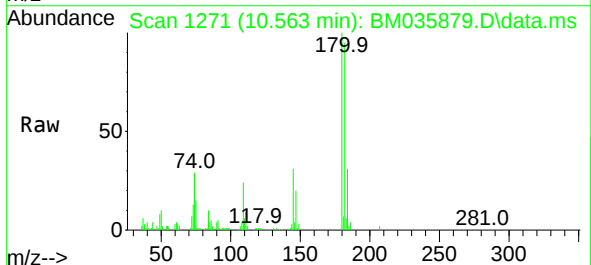
Tgt Ion:180 Resp: 78574

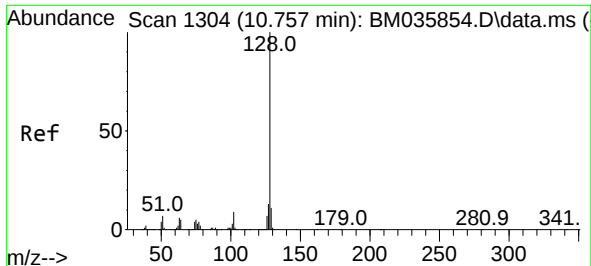
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

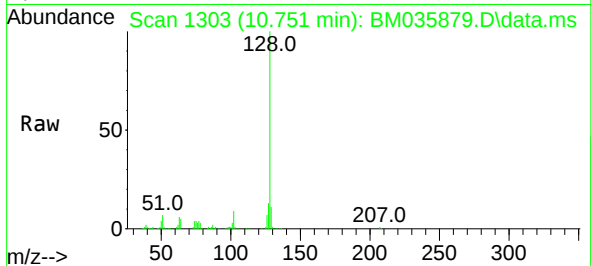
145 31.1 25.0 37.6





#31
Naphthalene
Concen: 3.946 ng
RT: 10.751 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

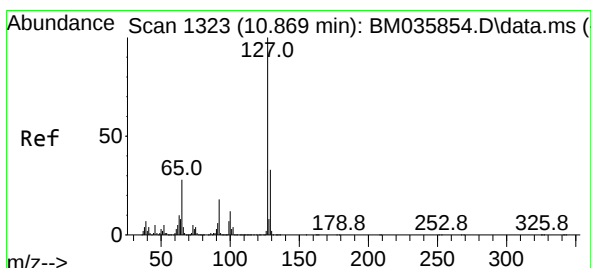
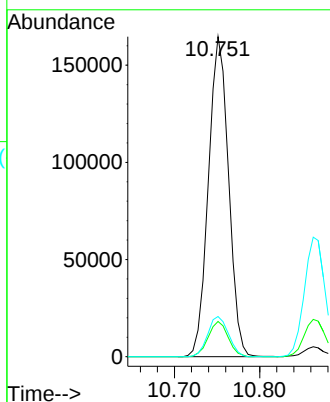
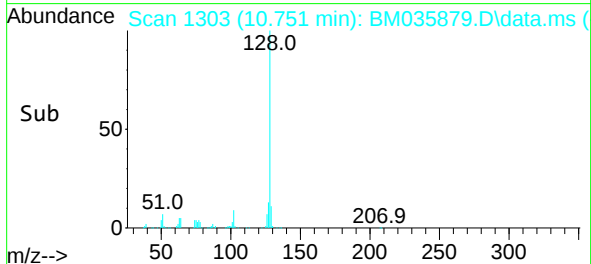
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 27016
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.5 10.6 16.0

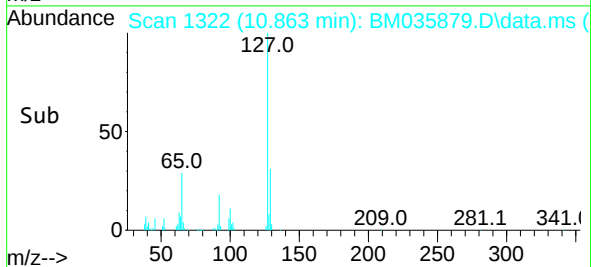
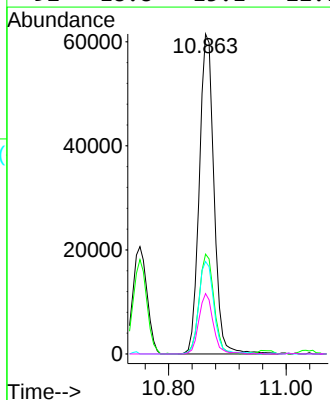
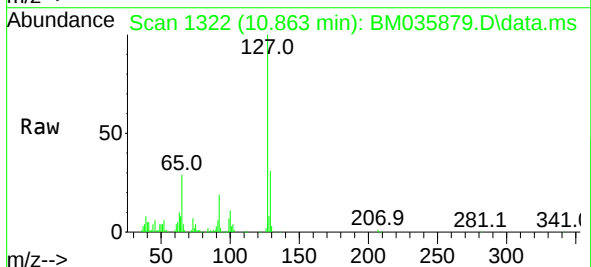
Manual Integrations
APPROVED

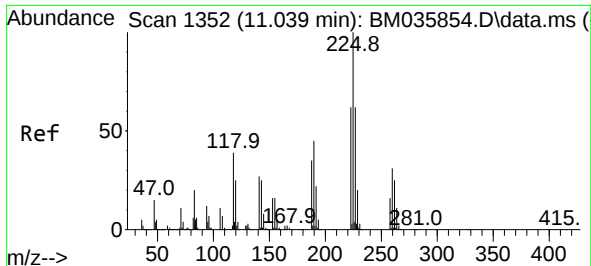
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#33
4-Chloroaniline
Concen: 3.884 ng
RT: 10.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

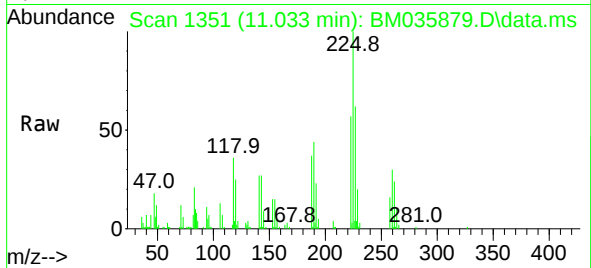
Tgt Ion:127 Resp: 106396
Ion Ratio Lower Upper
127 100
129 31.2 25.7 38.5
65 28.9 26.6 40.0
92 18.8 15.1 22.7





#34
Hexachlorobutadiene
Concen: 3.657 ng
RT: 11.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

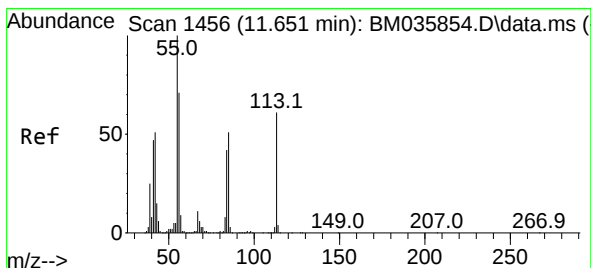
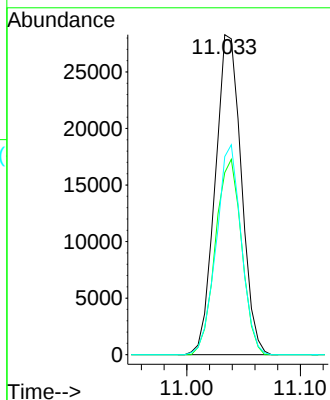
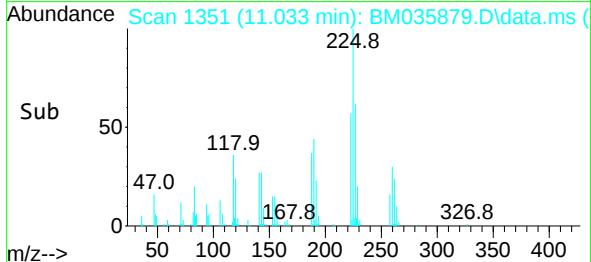
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



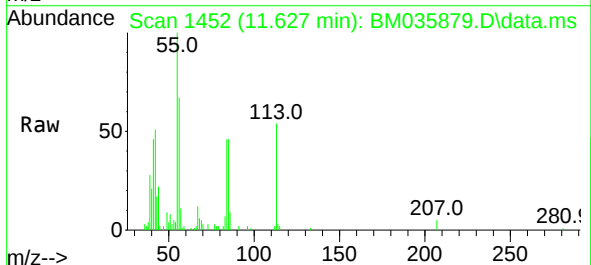
Tgt Ion:225 Resp: 45160
Ion Ratio Lower Upper
225 100
223 56.9 50.8 76.2
227 65.6 52.7 79.1

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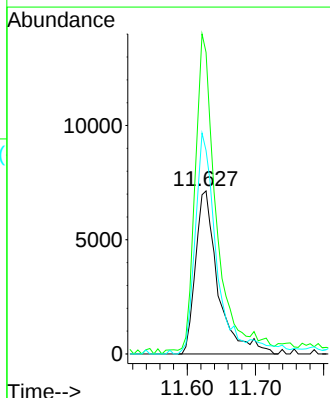
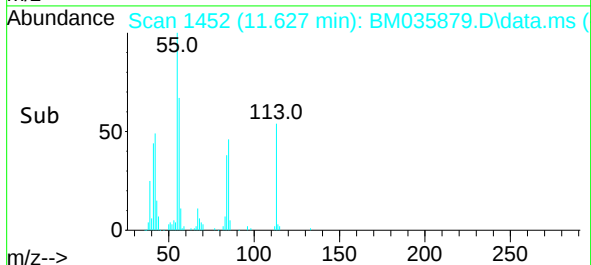
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

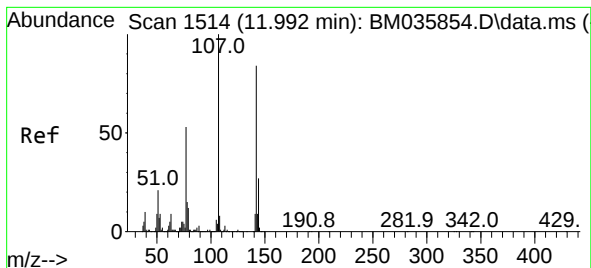


#35
Caprolactam
Concen: 2.869 ng
RT: 11.627 min Scan# 1452
Delta R.T. -0.023 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



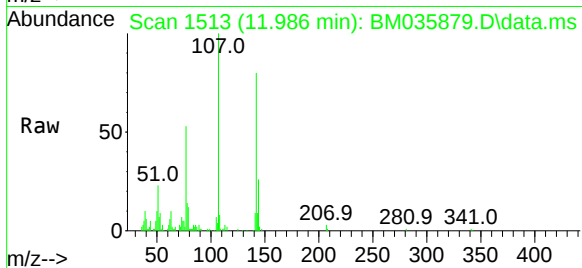
Tgt Ion:113 Resp: 16360
Ion Ratio Lower Upper
113 100
55 185.0 150.1 190.1
56 124.8 111.7 151.7





#36
4-Chloro-3-methylphenol
Concen: 3.467 ng
RT: 11.986 min Scan# 1513
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

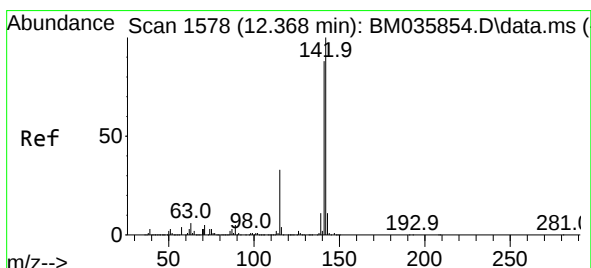
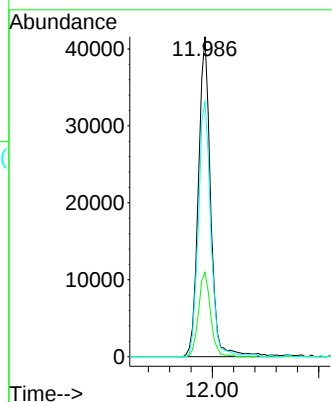
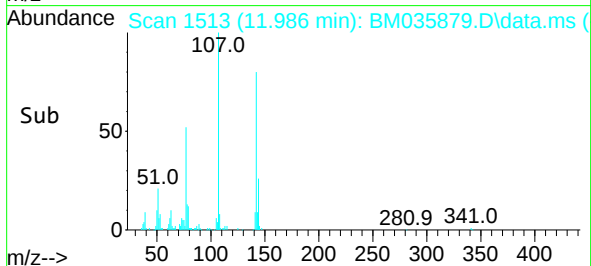
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



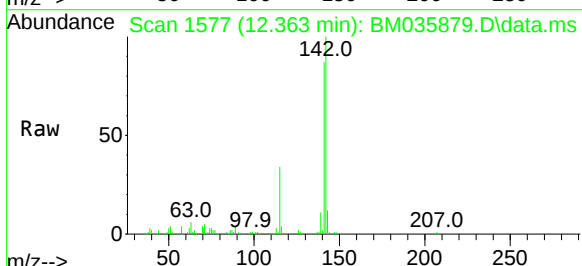
Tgt Ion:107 Resp: 6628
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 79.6 66.7 100.1

Manual Integrations
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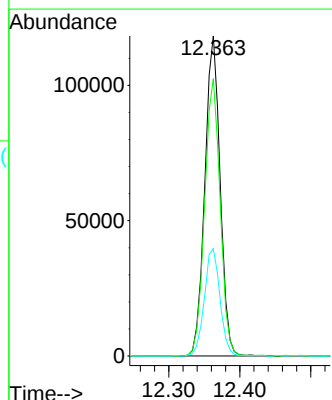
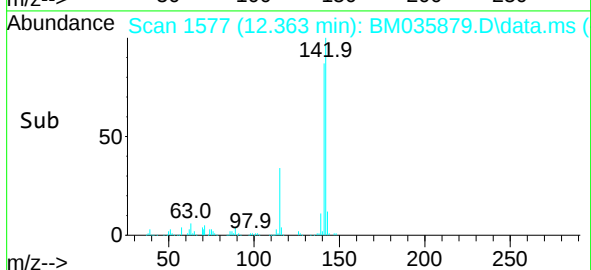
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

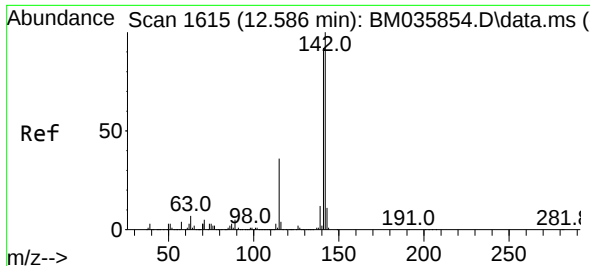


#37
2-Methylnaphthalene
Concen: 3.984 ng
RT: 12.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



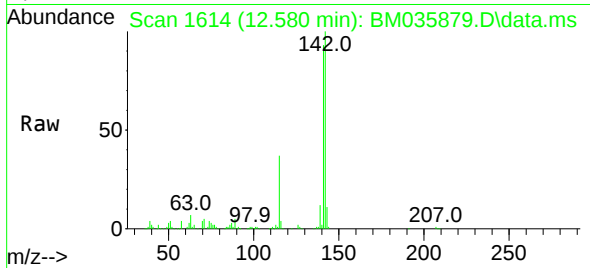
Tgt Ion:142 Resp: 177454
Ion Ratio Lower Upper
142 100
141 86.7 72.4 108.6
115 33.6 29.6 44.4





#38
1-Methylnaphthalene
Concen: 3.909 ng
RT: 12.580 min Scan# 1615
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

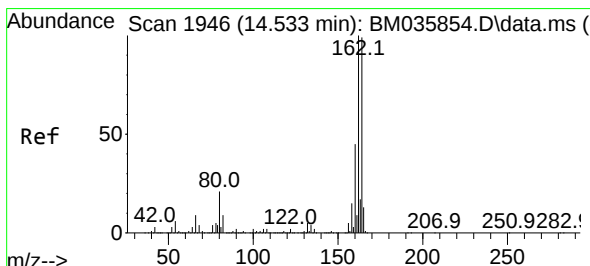
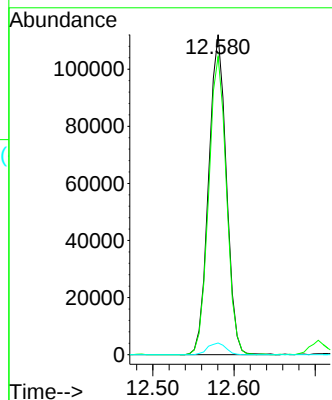
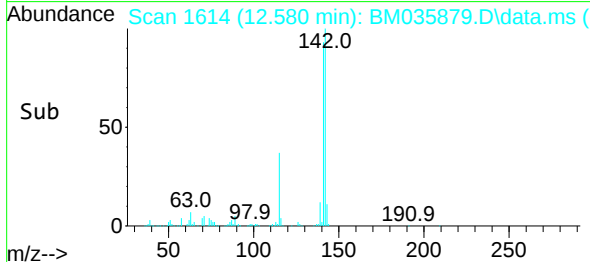
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



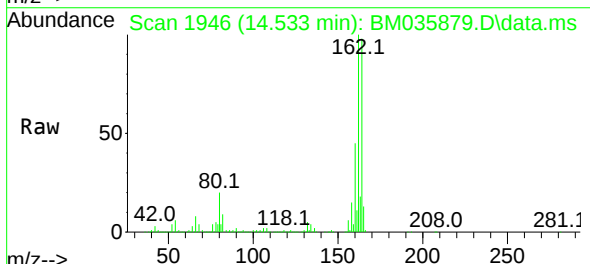
Tgt Ion:142 Resp: 16946
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.6 3.4 5.2

Manual Integrations
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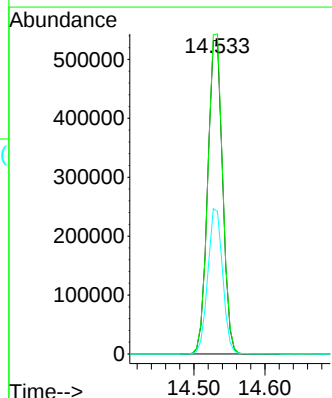
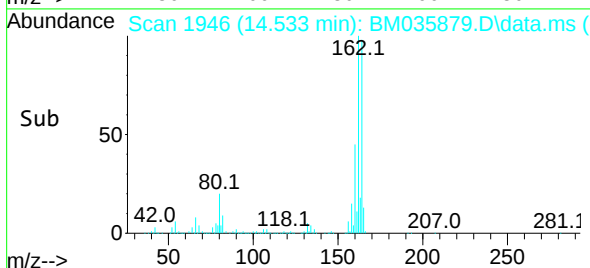
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

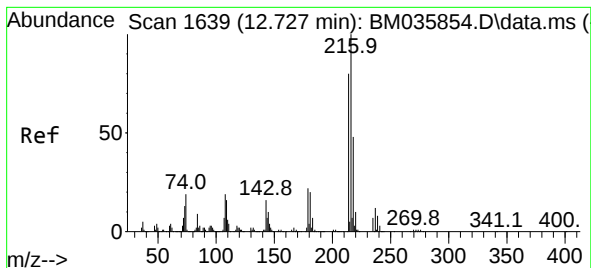


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.533 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion:164 Resp: 778097
Ion Ratio Lower Upper
164 100
162 102.1 83.0 124.6
160 45.5 37.0 55.4





#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.744 ng

RT: 12.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM035879.D

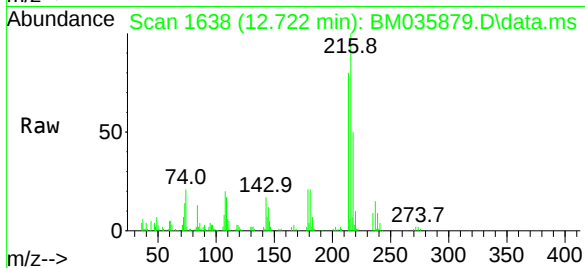
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:216 Resp: 83224

Ion Ratio Lower Upper

216 100

214 77.8 62.6 94.0

179 20.4 18.2 27.2

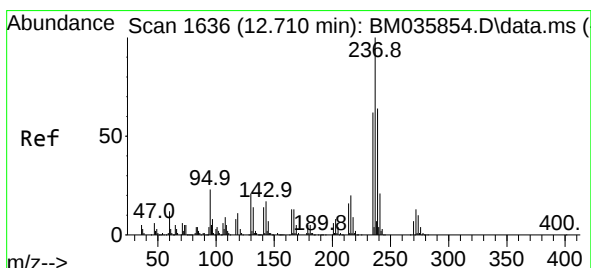
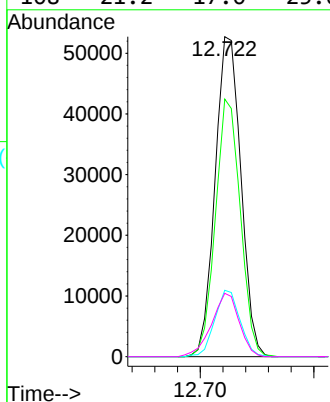
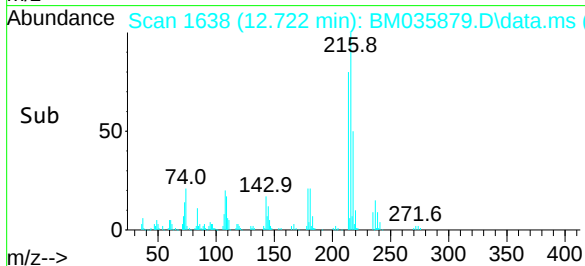
108 21.2 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#41

Hexachlorocyclopentadiene

Concen: 3.857 ng

RT: 12.704 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

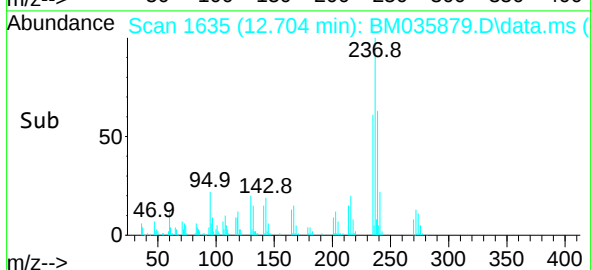
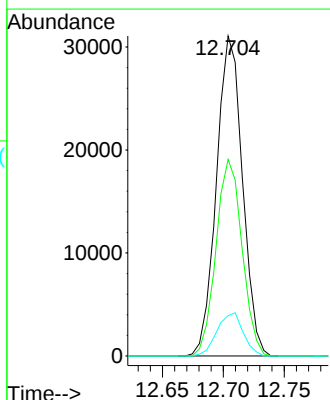
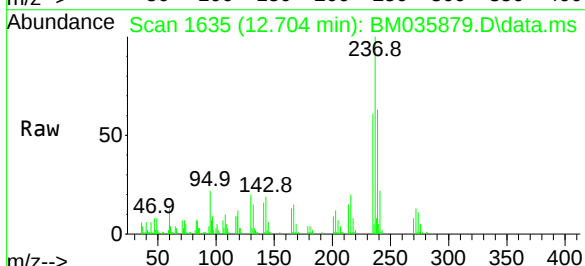
Tgt Ion:237 Resp: 46218

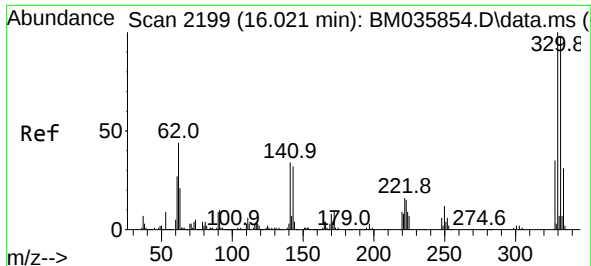
Ion Ratio Lower Upper

237 100

235 61.4 43.8 83.8

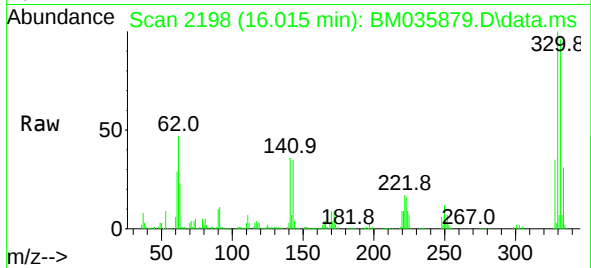
272 12.6 0.0 32.5





#42
2,4,6-Tribromophenol
Concen: 116.644 ng
RT: 16.015 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

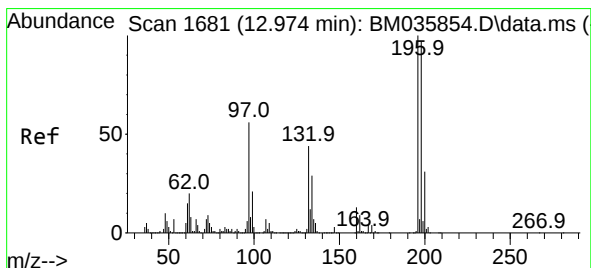
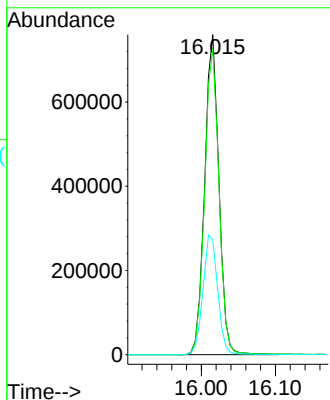
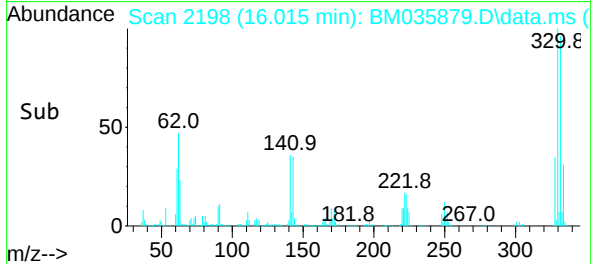
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:330 Resp: 1015208
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 38.9 35.3 52.9

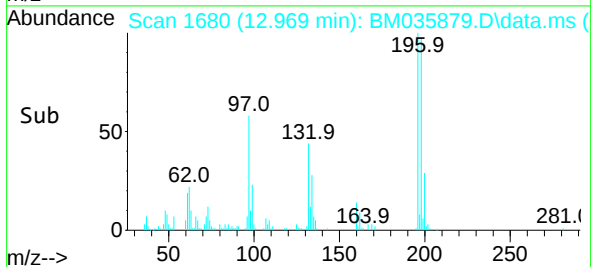
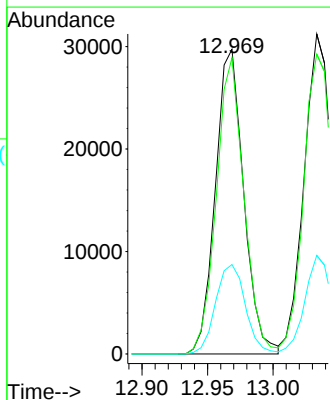
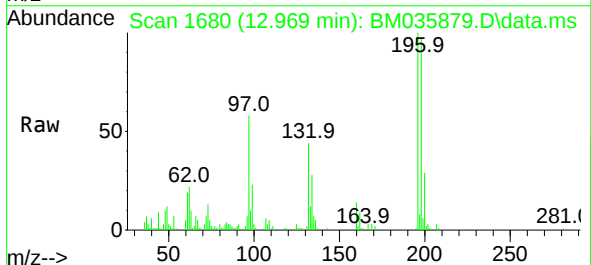
Manual Integrations
APPROVED

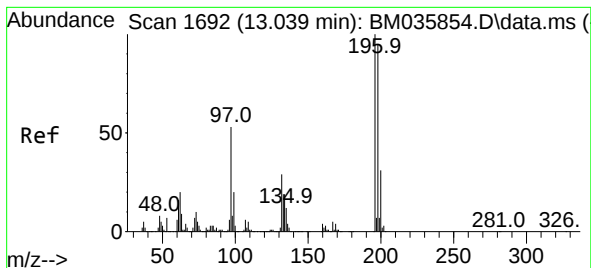
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#43
2,4,6-Trichlorophenol
Concen: 3.041 ng
RT: 12.969 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

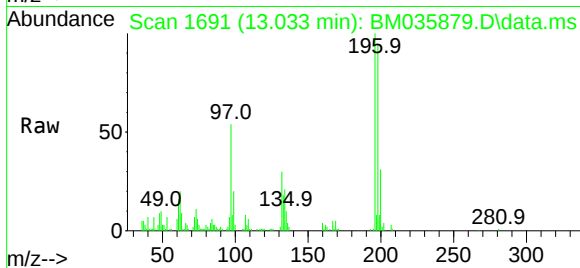
Tgt Ion:196 Resp: 44680
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
200 29.4 24.9 37.3





#44
2,4,5-Trichlorophenol
Concen: 3.123 ng
RT: 13.033 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

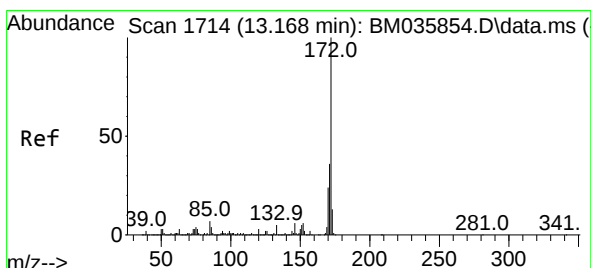
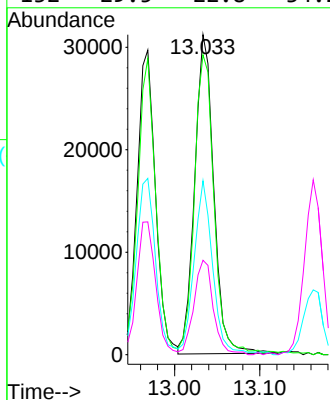
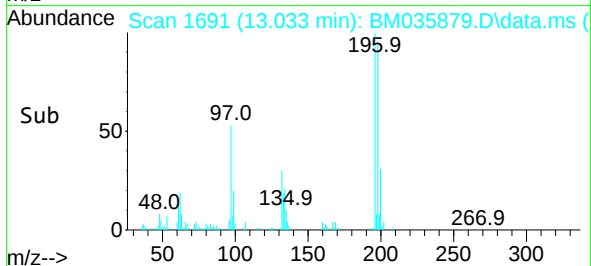
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



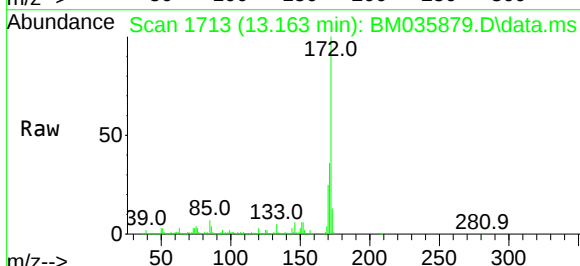
Tgt Ion:196 Resp: 48379
Ion Ratio Lower Upper
196 100
198 93.7 77.8 116.6
97 54.3 43.4 65.2
132 29.5 22.8 34.2

Manual Integrations
APPROVED

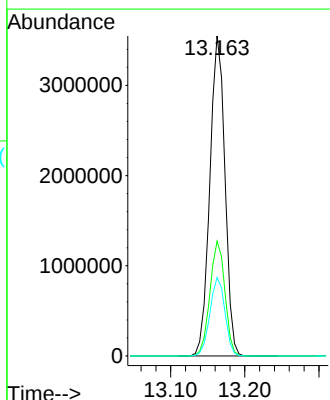
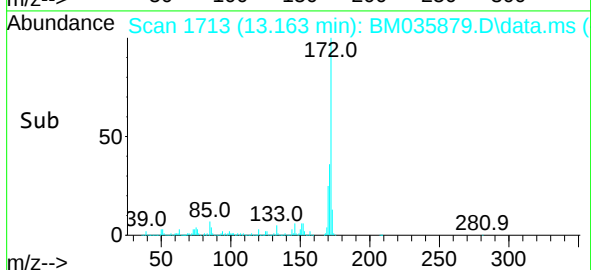
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

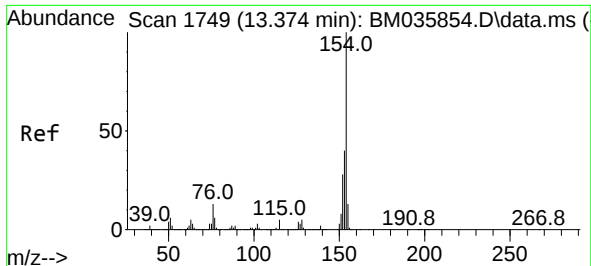


#45
2-Fluorobiphenyl
Concen: 91.206 ng
RT: 13.163 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



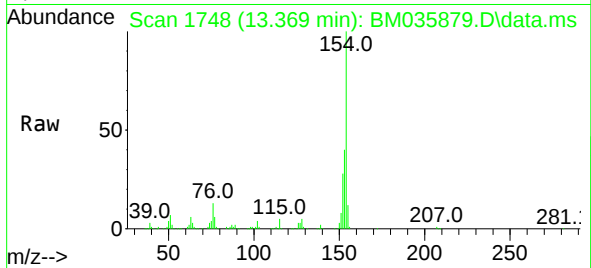
Tgt Ion:172 Resp: 5020625
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 24.5 18.7 28.1





#46
1,1'-Biphenyl
Concen: 4.016 ng
RT: 13.369 min Scan# 1748
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

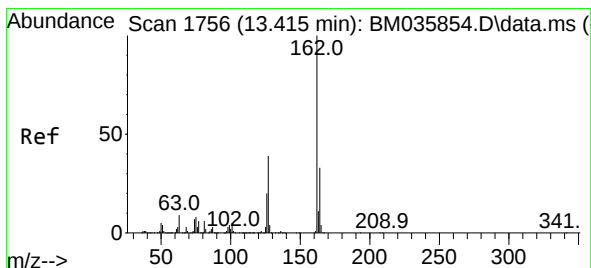
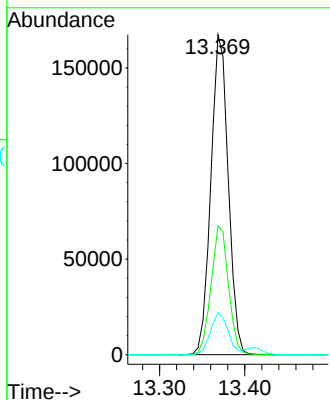
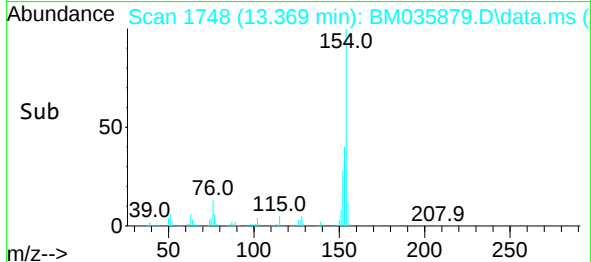
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



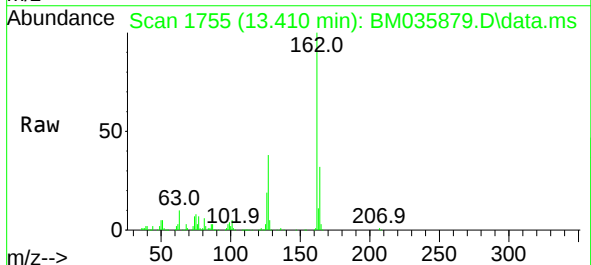
Tgt Ion:154 Resp: 23770
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 13.1 0.0 31.8

Manual Integrations
APPROVED

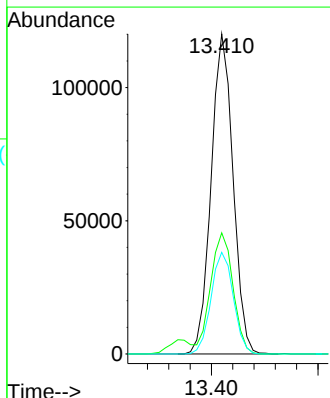
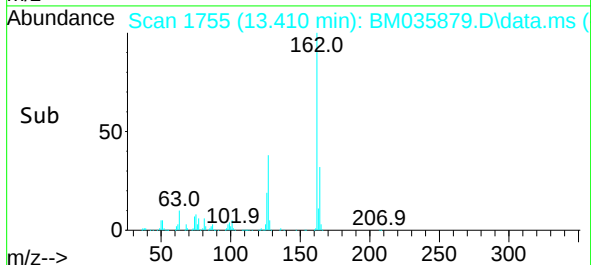
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

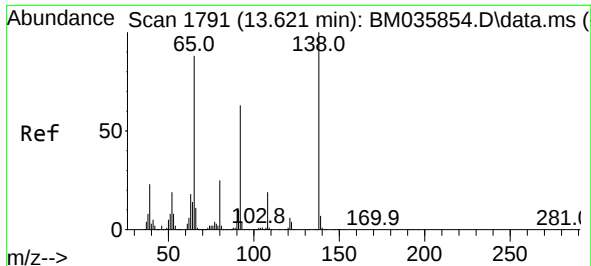


#47
2-Chloronaphthalene
Concen: 3.763 ng
RT: 13.410 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



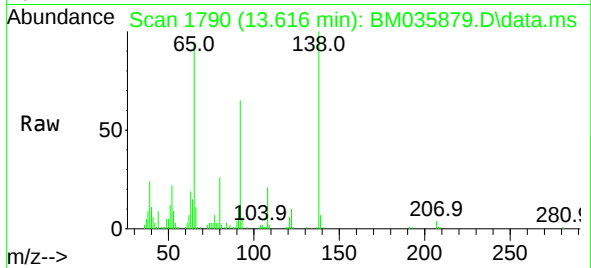
Tgt Ion:162 Resp: 171180
Ion Ratio Lower Upper
162 100
127 37.9 30.6 45.8
164 31.8 26.6 39.8





#48
2-Nitroaniline
Concen: 2.902 ng
RT: 13.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

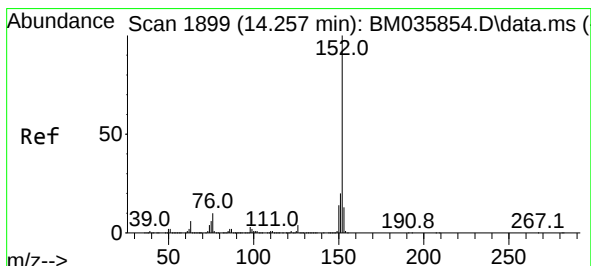
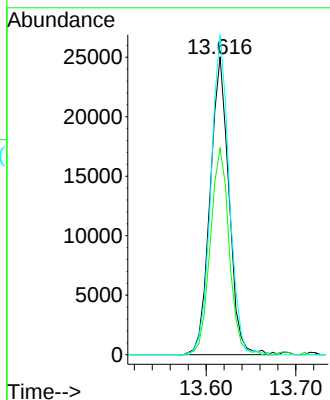
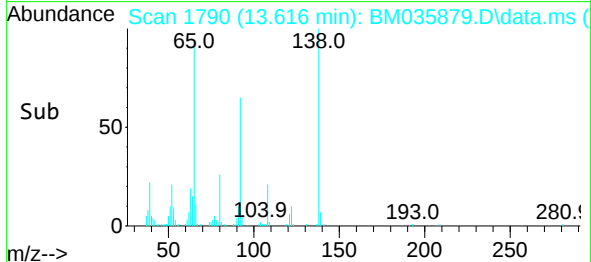
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 65 Resp: 3637
Ion Ratio Lower Upper
65 100
92 69.3 53.7 80.5
138 107.4 83.9 125.9

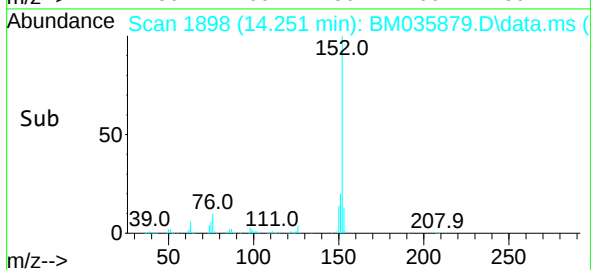
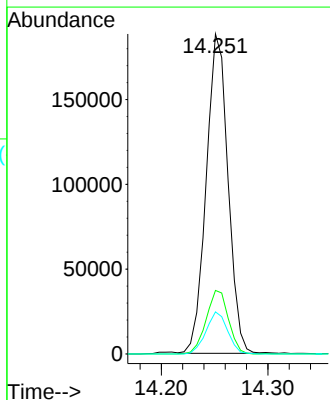
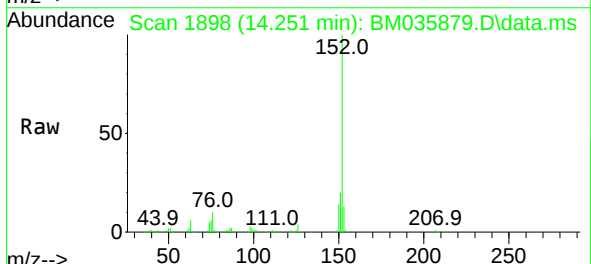
Manual Integrations
APPROVED

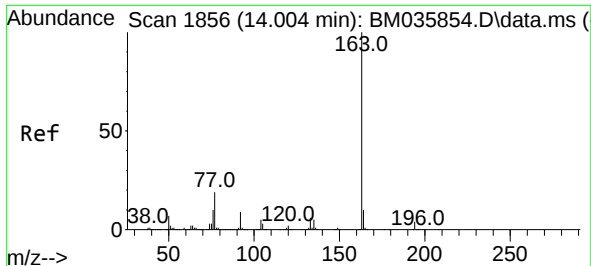
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#49
Acenaphthylene
Concen: 3.817 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

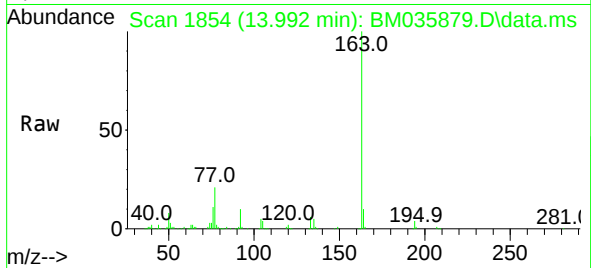
Tgt Ion:152 Resp: 267414
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.1 10.5 15.7





#50
Dimethylphthalate
Concen: 3.603 ng
RT: 13.992 min Scan# 1854
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

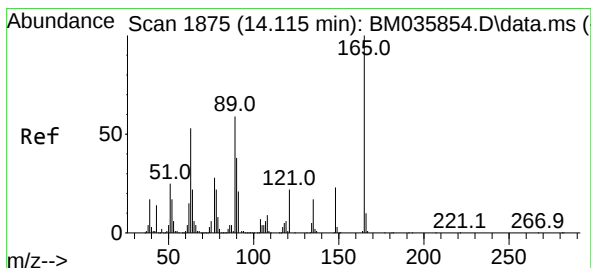
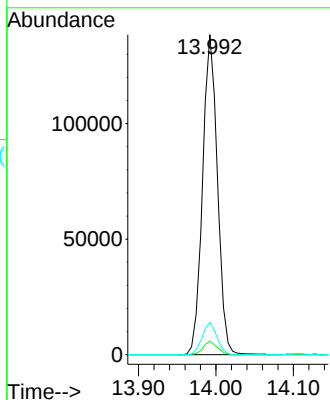
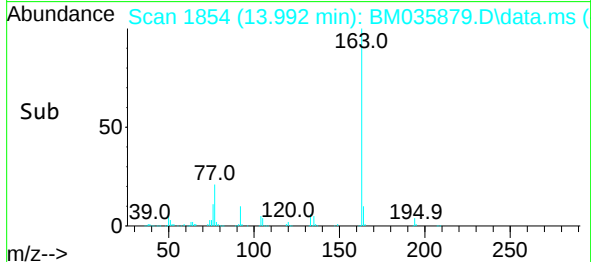
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:163 Resp: 18452
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 10.0 8.4 12.6

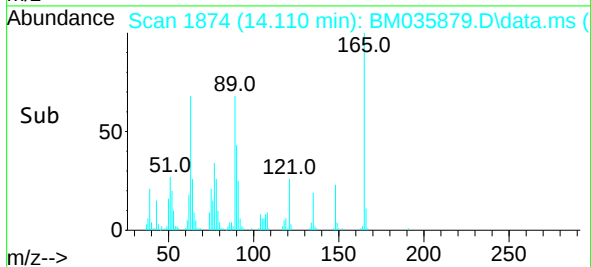
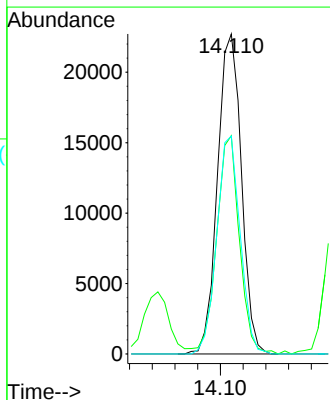
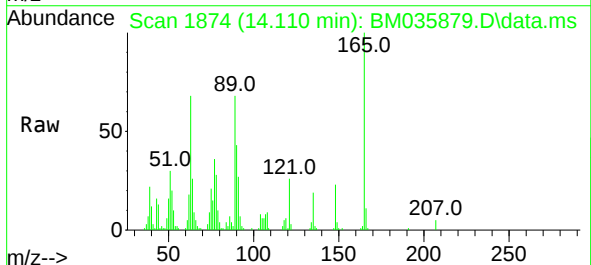
Manual Integrations
APPROVED

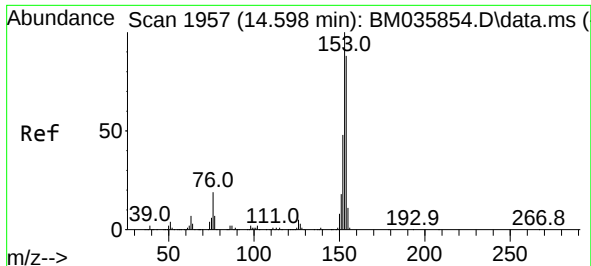
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#51
2,6-Dinitrotoluene
Concen: 3.093 ng
RT: 14.110 min Scan# 1874
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

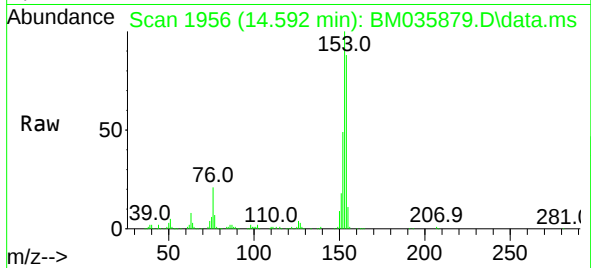
Tgt Ion:165 Resp: 33124
Ion Ratio Lower Upper
165 100
63 68.2 50.2 75.2
89 68.1 48.4 72.6





#52
Acenaphthene
Concen: 3.841 ng
RT: 14.592 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

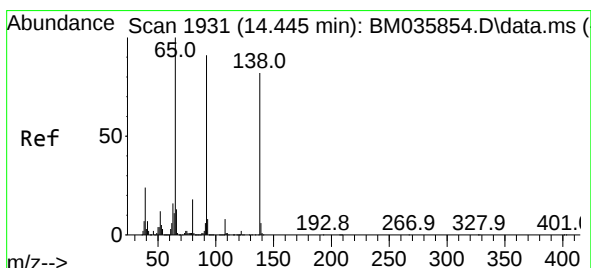
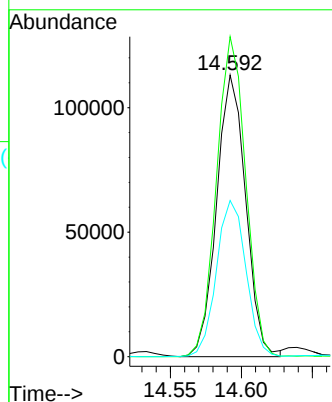
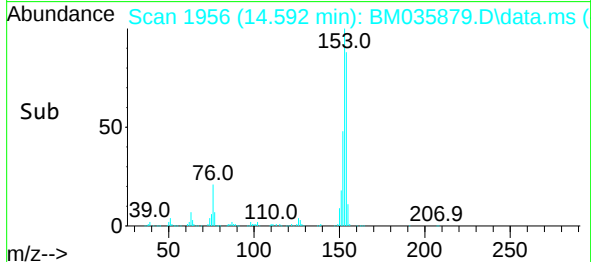
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:154 Resp: 161180
Ion Ratio Lower Upper
154 100
153 113.6 91.0 136.6
152 55.5 43.4 65.2

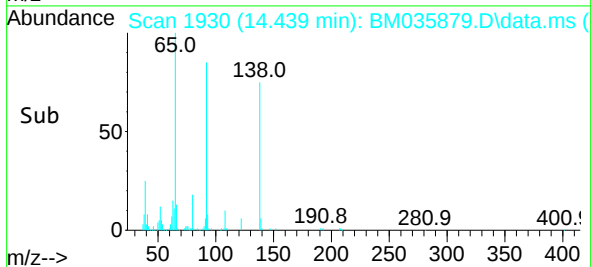
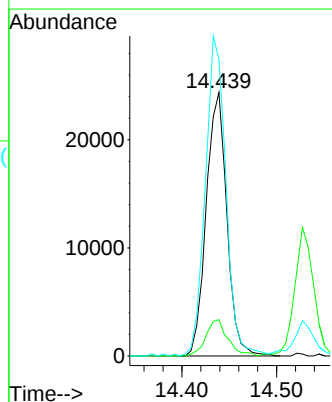
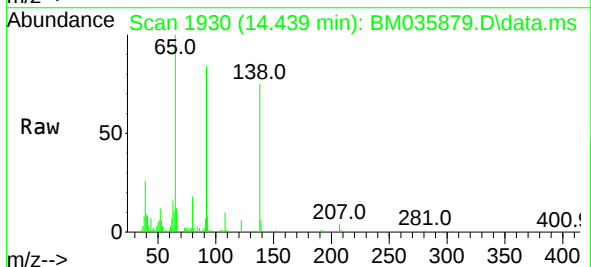
Manual Integrations
APPROVED

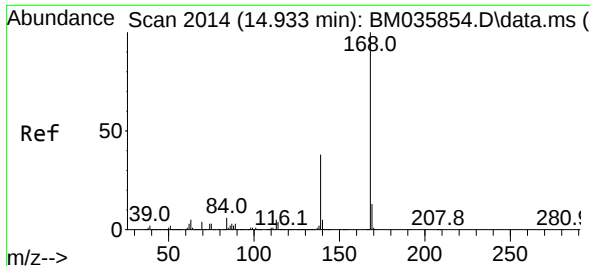
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#53
3-Nitroaniline
Concen: 2.862 ng
RT: 14.439 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

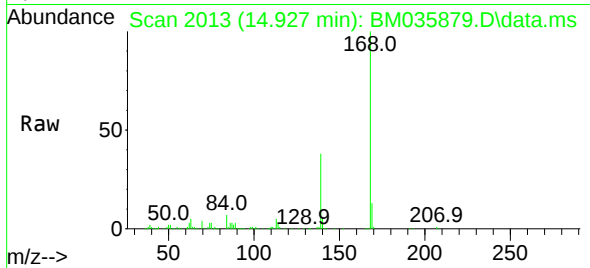
Tgt Ion:138 Resp: 36897
Ion Ratio Lower Upper
138 100
108 13.8 8.7 13.1#
92 112.5 91.5 137.3





#55
Dibenzenofuran
Concen: 3.791 ng
RT: 14.927 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

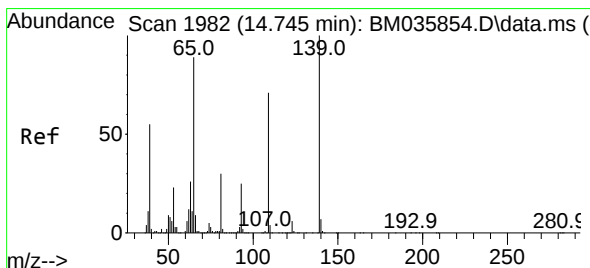
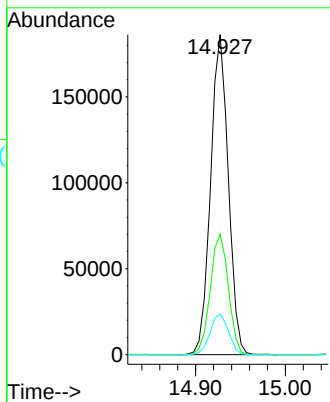
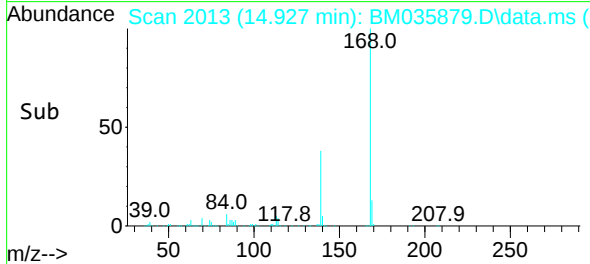
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



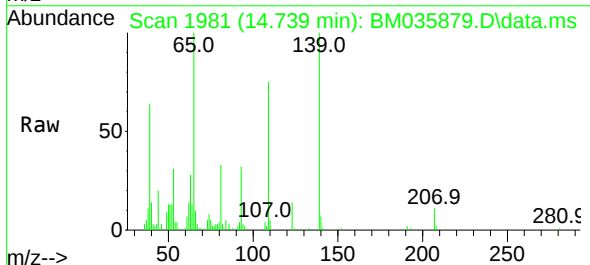
Tgt Ion:168 Resp: 254854
Ion Ratio Lower Upper
168 100
139 37.6 32.2 48.2
169 12.7 10.6 16.0

Manual Integrations
APPROVED

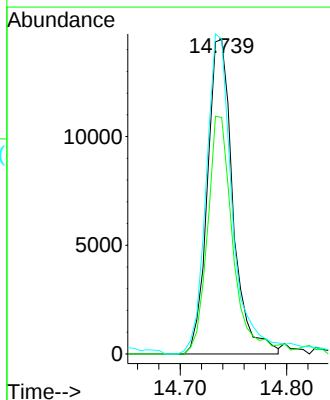
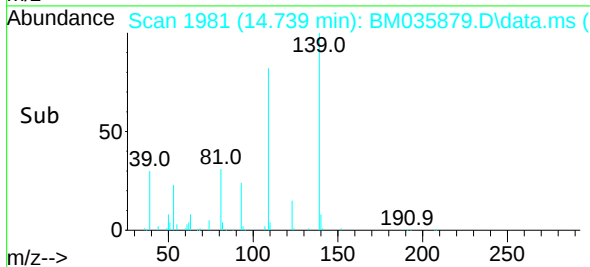
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

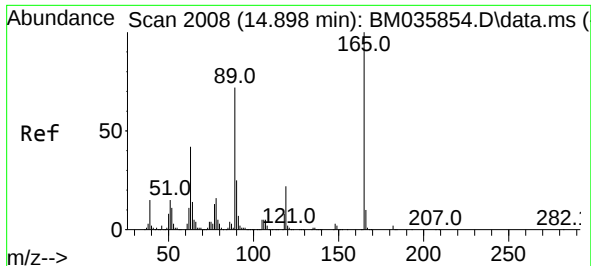


#56
4-Nitrophenol
Concen: 2.383 ng
RT: 14.739 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion:139 Resp: 24113
Ion Ratio Lower Upper
139 100
109 75.2 62.5 102.5
65 100.1 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 2.746 ng

RT: 14.892 min Scan# 2008

Delta R.T. -0.006 min

Lab File: BM035879.D

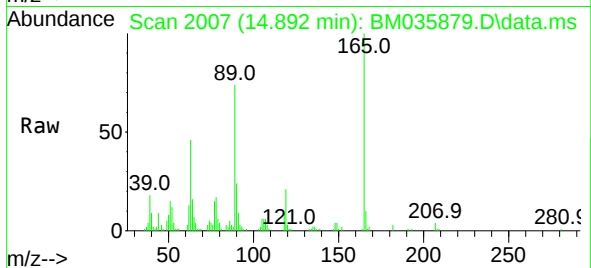
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:165 Resp: 3848

Ion Ratio Lower Upper

165 100

63 45.7 35.6 53.4

89 74.5 57.3 85.9

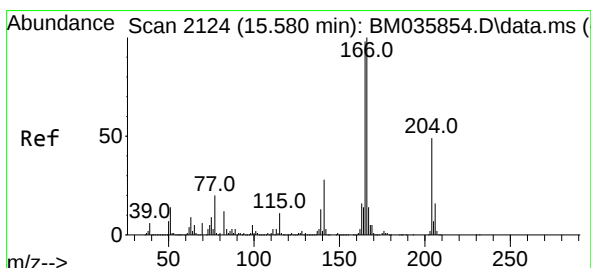
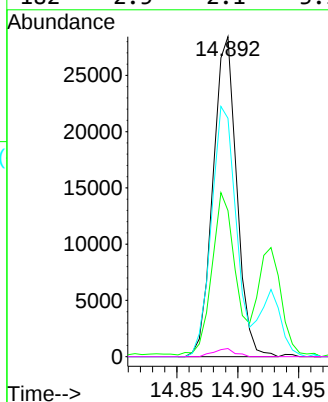
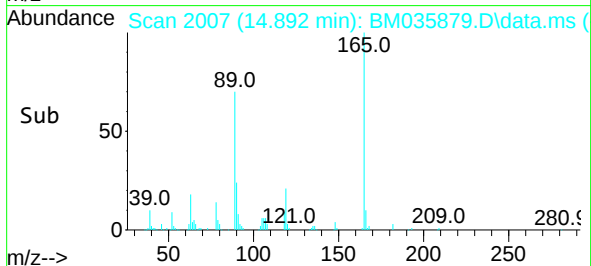
182 2.5 2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#58

Fluorene

Concen: 3.670 ng

RT: 15.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

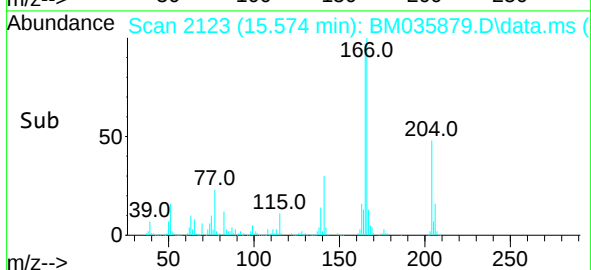
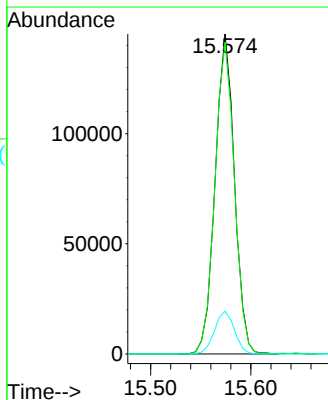
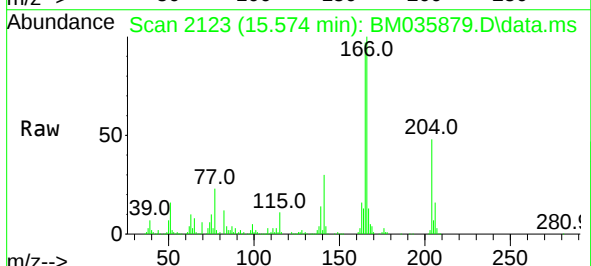
Tgt Ion:166 Resp: 193729

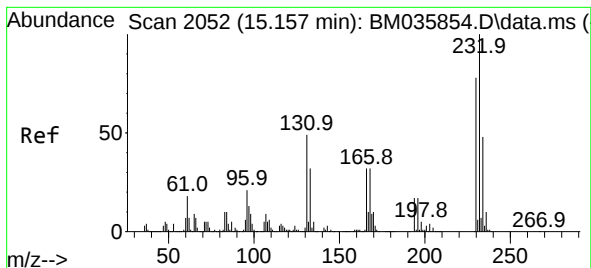
Ion Ratio Lower Upper

166 100

165 97.4 79.4 119.2

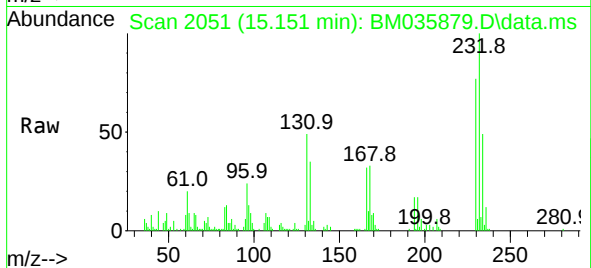
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.080 ng
RT: 15.151 min Scan# 2051
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

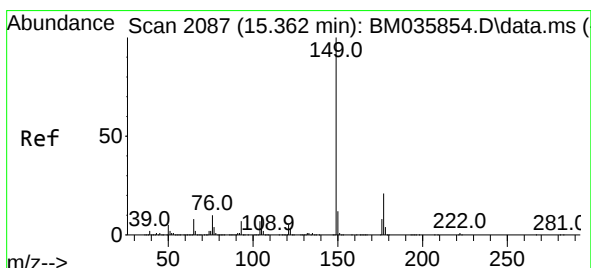
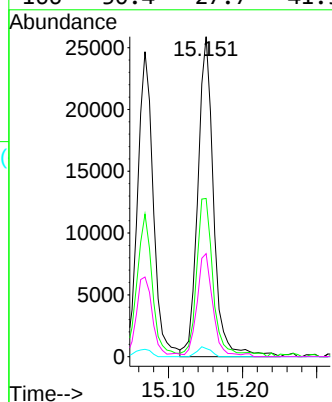
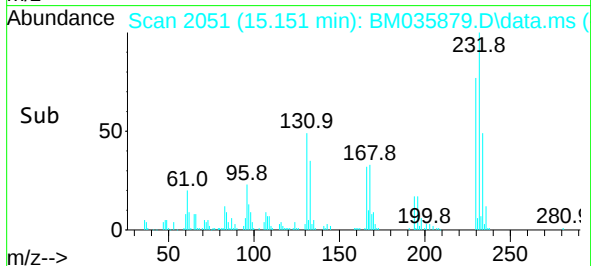
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



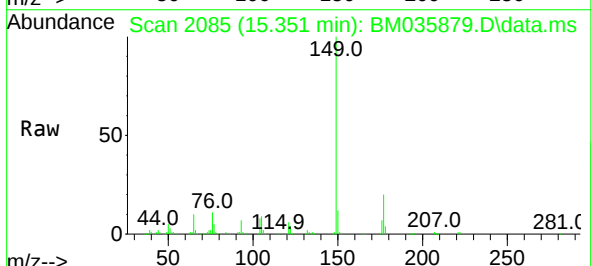
Tgt Ion:232 Resp: 38354
Ion Ratio Lower Upper
232 100
131 48.1 41.0 61.6
130 2.6 2.3 3.5
166 30.4 27.7 41.5

Manual Integrations
APPROVED

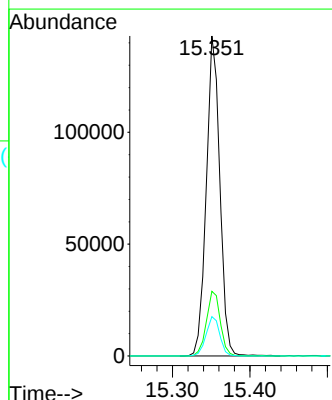
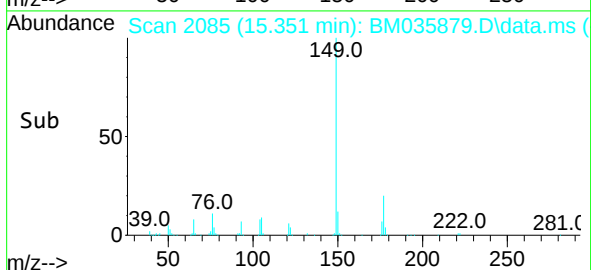
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

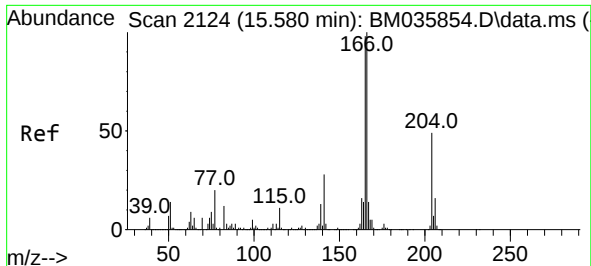


#60
Diethylphthalate
Concen: 3.418 ng
RT: 15.351 min Scan# 2085
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



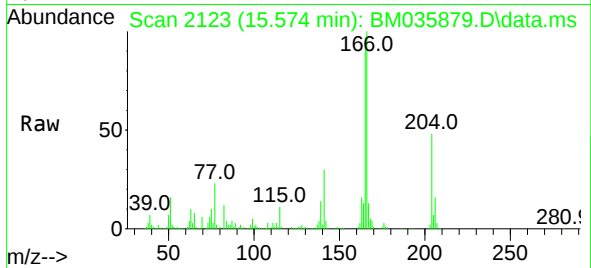
Tgt Ion:149 Resp: 173460
Ion Ratio Lower Upper
149 100
177 20.2 16.9 25.3
150 12.3 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 3.573 ng
RT: 15.574 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

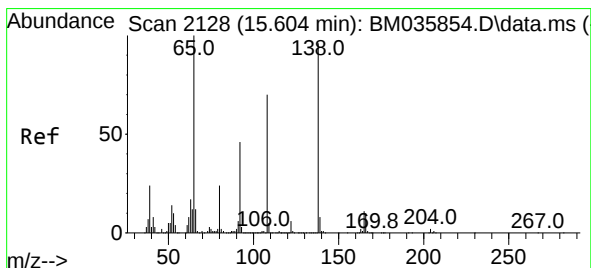
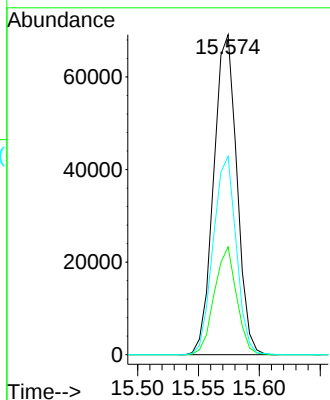
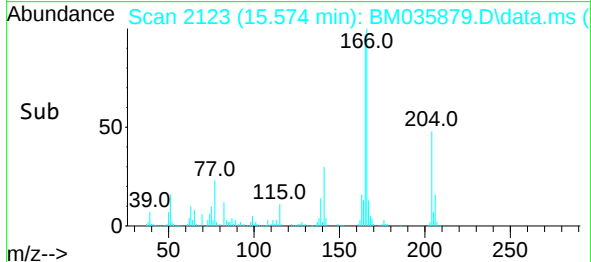
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:204 Resp: 9176
Ion Ratio Lower Upper
204 100
206 33.7 26.3 39.5
141 62.0 51.2 76.8

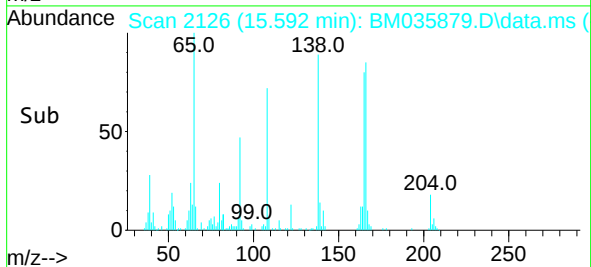
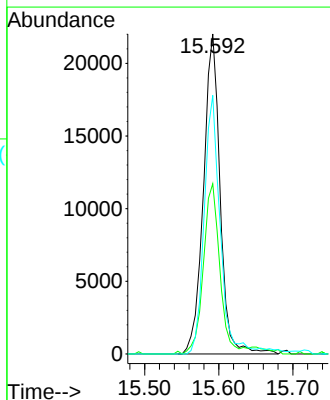
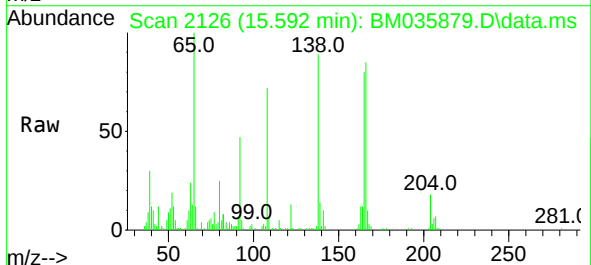
Manual Integrations
APPROVED

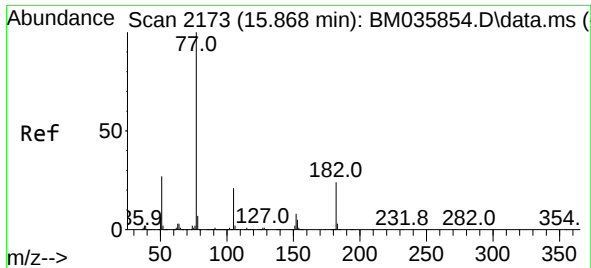
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#62
4-Nitroaniline
Concen: 2.612 ng
RT: 15.592 min Scan# 2126
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

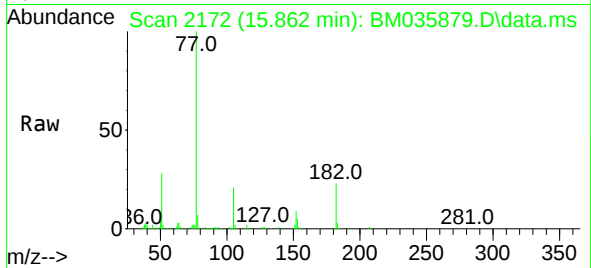
Tgt Ion:138 Resp: 34486
Ion Ratio Lower Upper
138 100
92 53.2 30.8 70.8
108 80.8 65.7 105.7





#63
Azobenzene
Concen: 3.303 ng
RT: 15.862 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

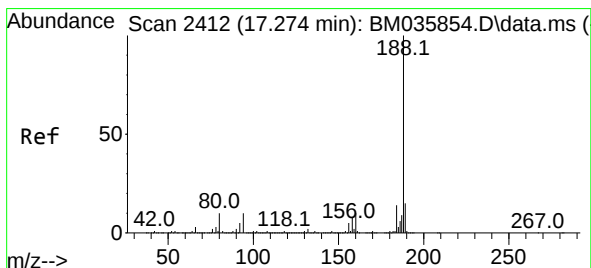
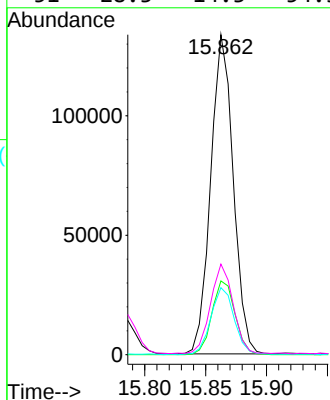
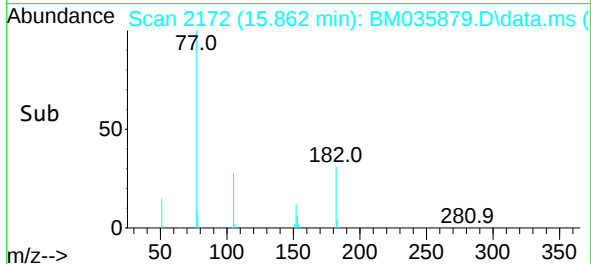
Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022



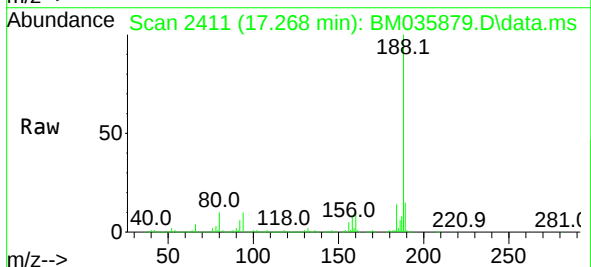
Tgt Ion: 77 Resp: 17211
Ion Ratio Lower Upper
77 100
182 23.1 4.9 44.9
105 21.0 0.0 39.6
51 28.3 14.3 54.3

Manual Integrations
APPROVED

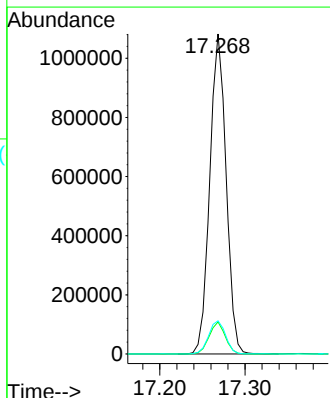
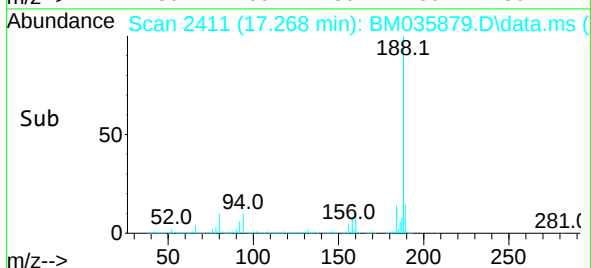
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

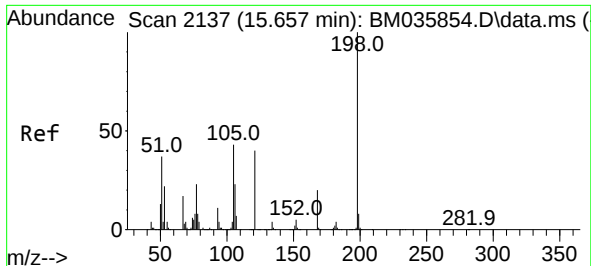


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.268 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



Tgt Ion:188 Resp: 1441775
Ion Ratio Lower Upper
188 100
94 10.0 7.0 10.4
80 10.3 7.6 11.4





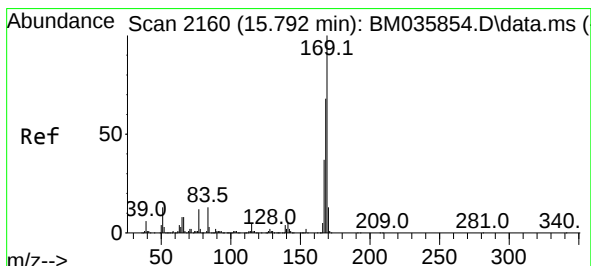
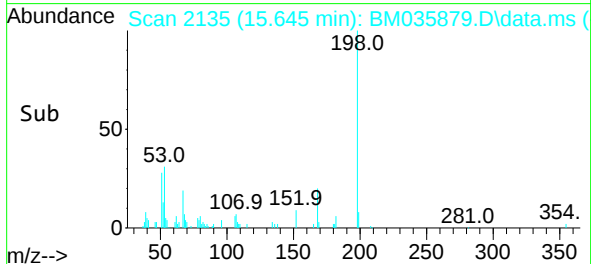
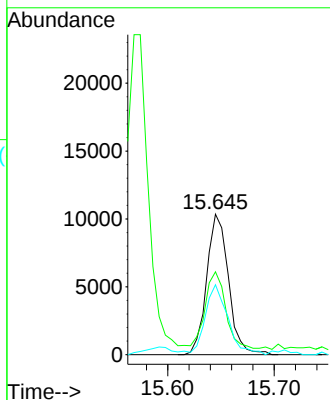
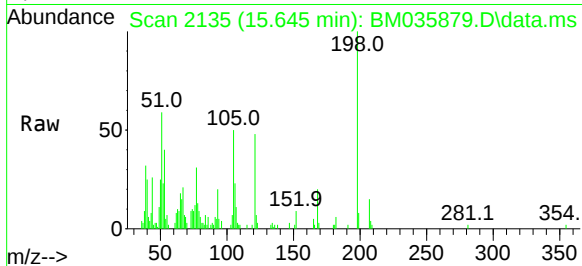
#65
4,6-Dinitro-2-methylphenol
Concen: 2.032 ng
RT: 15.645 min Scan# 2135
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Instrument : BNA_M
ClientSampleId : MDL-WATER-03-QT2-2022

Tgt Ion:198 Resp: 1471
Ion Ratio Lower Upper
198 100
51 58.9 29.0 69.0
105 49.8 22.1 62.1

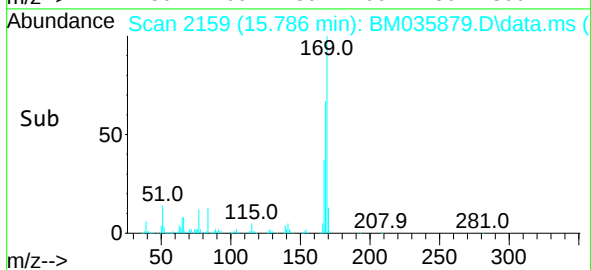
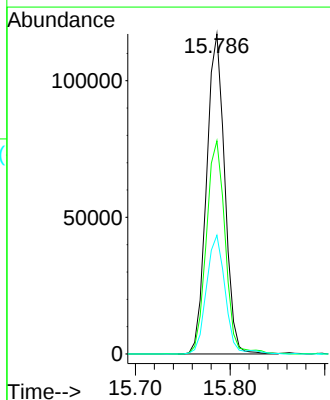
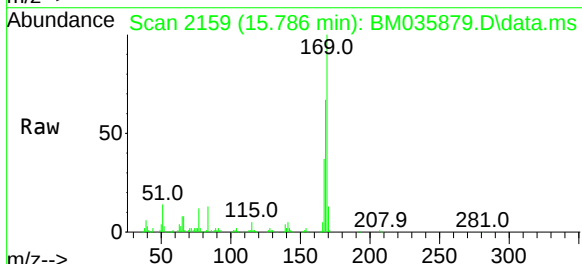
Manual Integrations
APPROVED

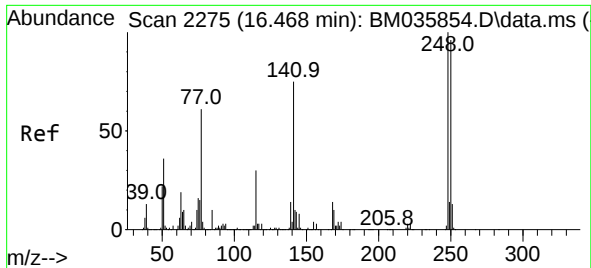
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#66
n-Nitrosodiphenylamine
Concen: 3.672 ng
RT: 15.786 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Tgt Ion:169 Resp: 155478
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 37.1 29.4 44.0





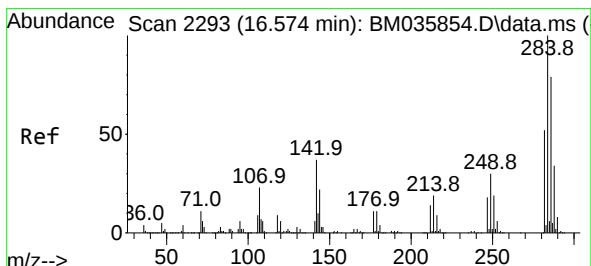
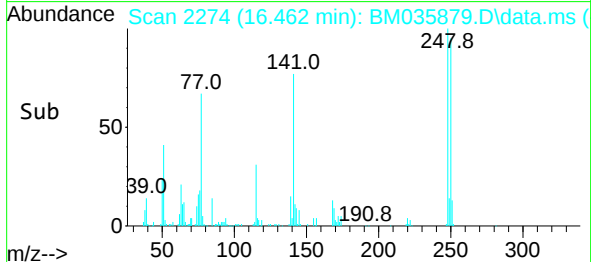
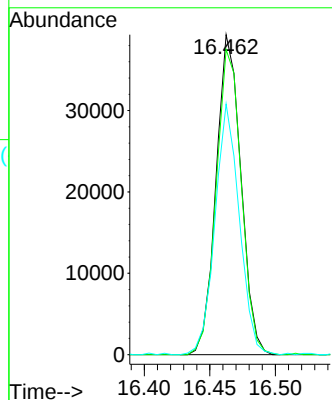
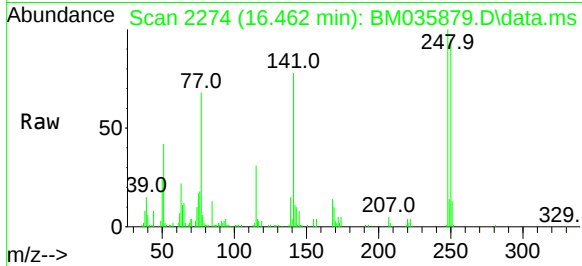
#67
4-Bromophenyl-phenylether
Concen: 3.559 ng
RT: 16.462 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:248 Resp: 51590
Ion Ratio Lower Upper
248 100
250 95.3 78.0 117.0
141 78.3 66.0 99.0

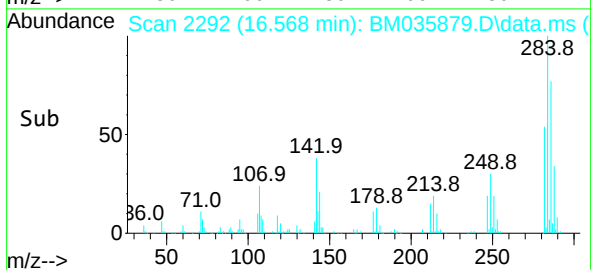
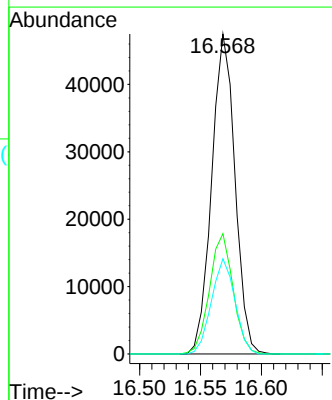
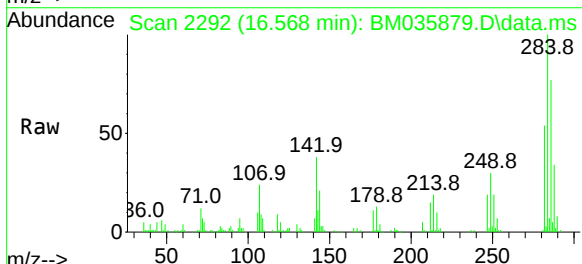
Manual Integrations
APPROVED

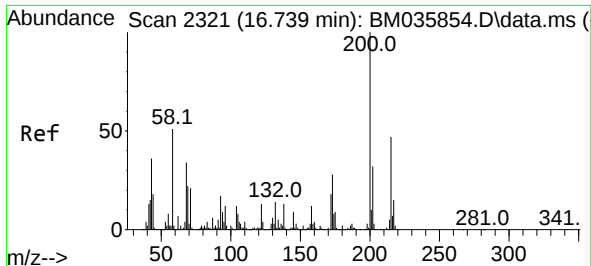
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#68
Hexachlorobenzene
Concen: 3.749 ng
RT: 16.568 min Scan# 2292
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

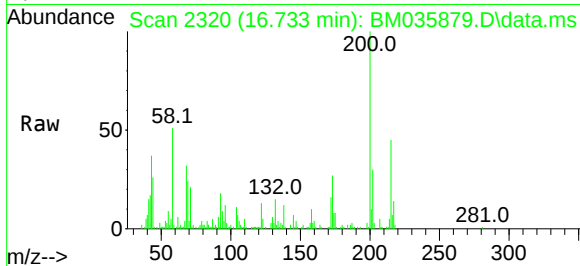
Tgt Ion:284 Resp: 63081
Ion Ratio Lower Upper
284 100
142 37.6 33.6 50.4
249 29.8 26.2 39.2





#69
 Atrazine
 Concen: 3.748 ng
 RT: 16.733 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035879.D
 Acq: 20 Jul 2022 13:48

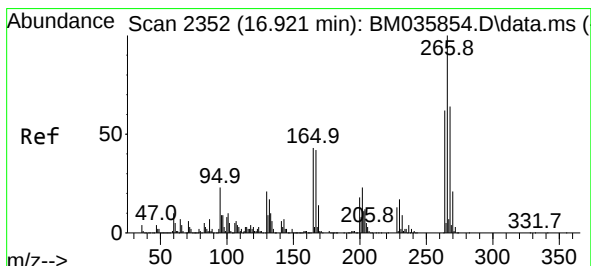
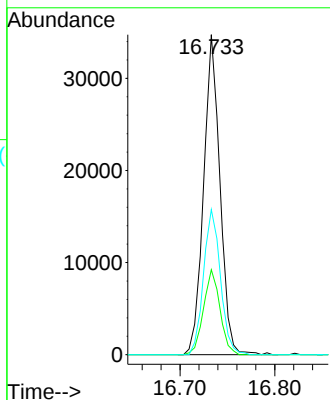
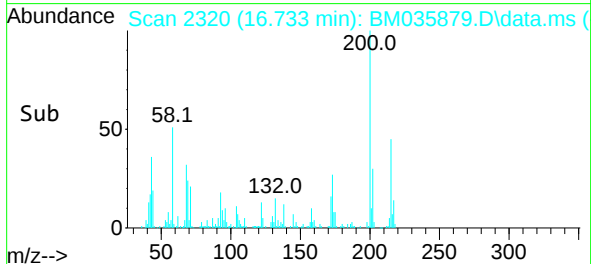
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2022



Tgt Ion:200 Resp: 4169
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.6 46.6
 215 45.3 26.2 66.2

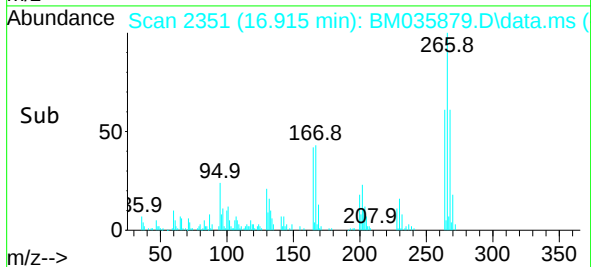
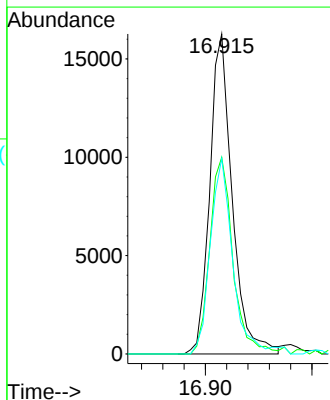
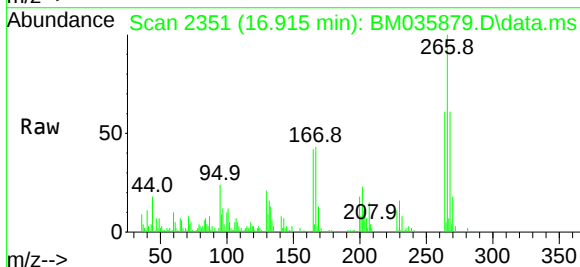
Manual Integrations
 APPROVED

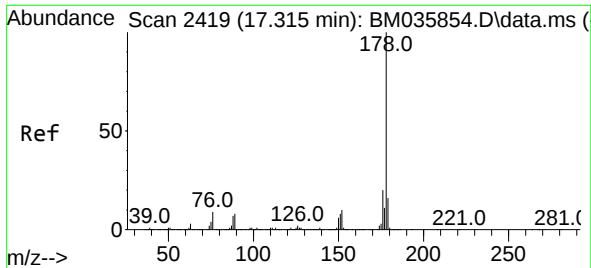
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022



#70
 Pentachlorophenol
 Concen: 2.548 ng
 RT: 16.915 min Scan# 2351
 Delta R.T. -0.006 min
 Lab File: BM035879.D
 Acq: 20 Jul 2022 13:48

Tgt Ion:266 Resp: 23793
 Ion Ratio Lower Upper
 266 100
 268 61.5 51.9 77.9
 264 61.1 50.6 76.0





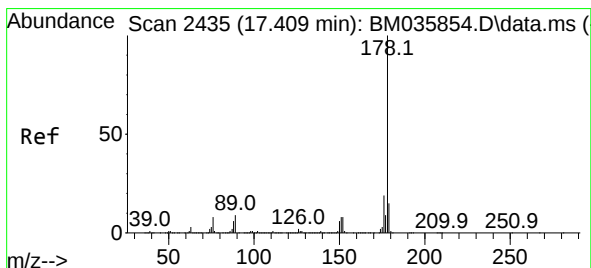
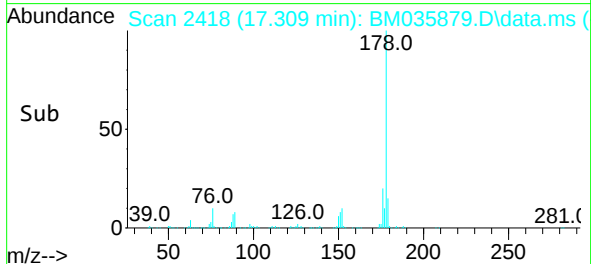
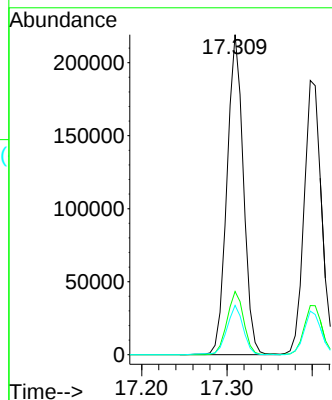
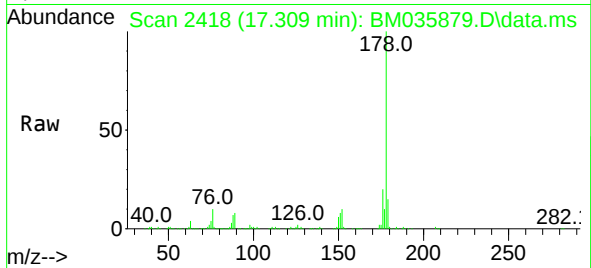
#71
Phenanthrene
Concen: 3.864 ng
RT: 17.309 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022

Tgt Ion:178 Resp: 29309
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.4 18.6

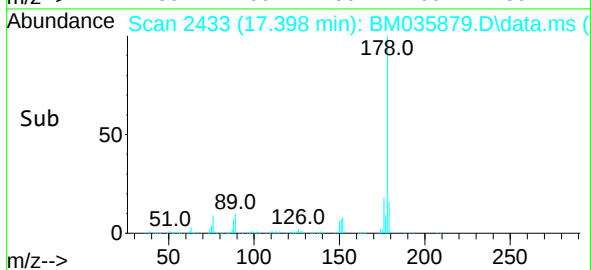
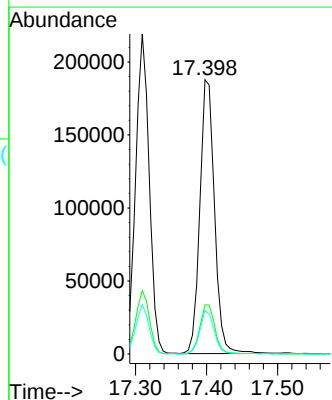
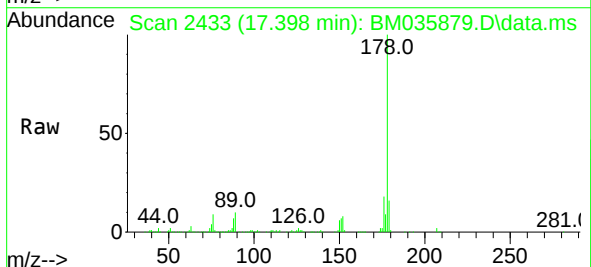
Manual Integrations
APPROVED

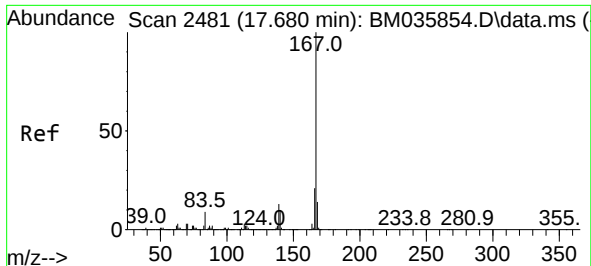
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#72
Anthracene
Concen: 3.667 ng
RT: 17.398 min Scan# 2433
Delta R.T. -0.012 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

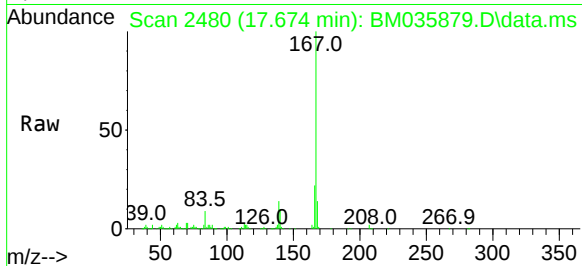
Tgt Ion:178 Resp: 270347
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.4
179 15.9 12.2 18.2





#73
Carbazole
Concen: 3.263 ng
RT: 17.674 min Scan# 2481
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

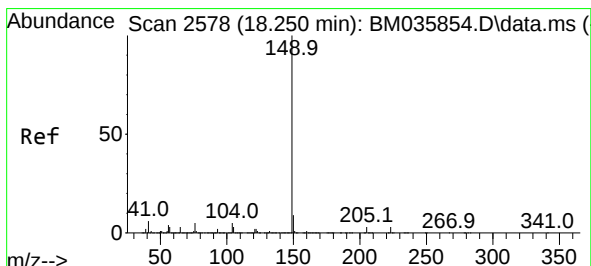
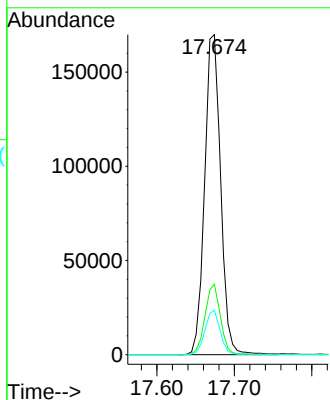
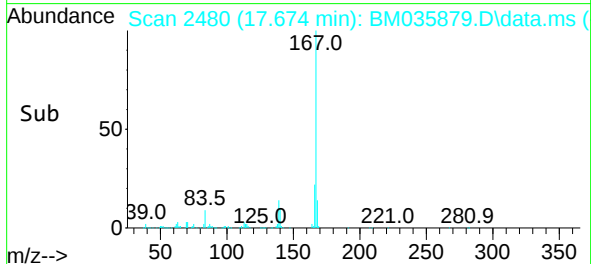
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



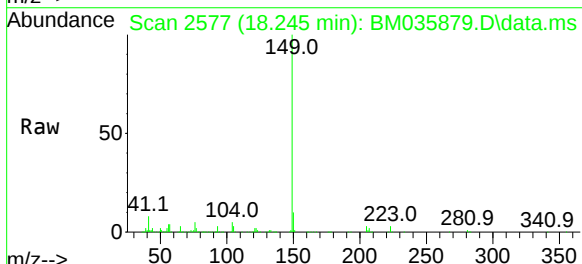
Tgt Ion:167 Resp: 244058
Ion Ratio Lower Upper
167 100
166 22.1 17.8 26.8
139 13.9 10.9 16.3

Manual Integrations
APPROVED

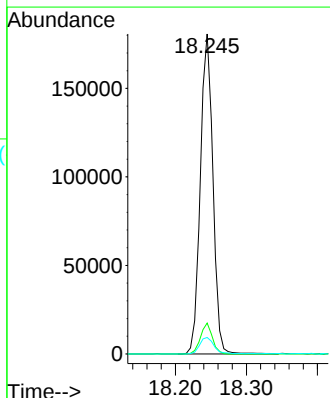
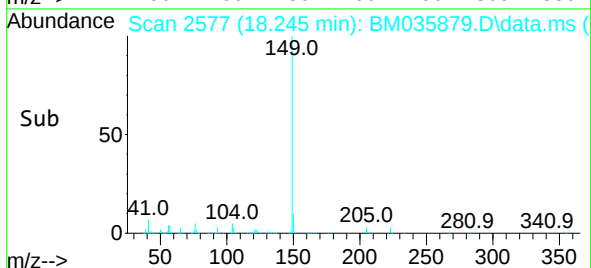
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

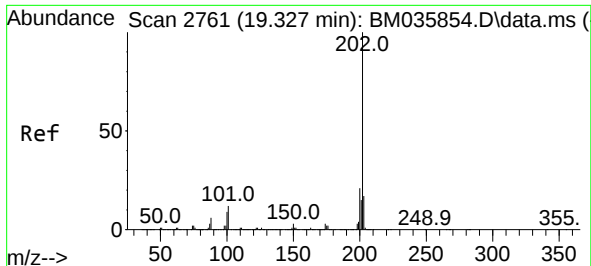


#74
Di-n-butylphthalate
Concen: 2.932 ng
RT: 18.245 min Scan# 2577
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



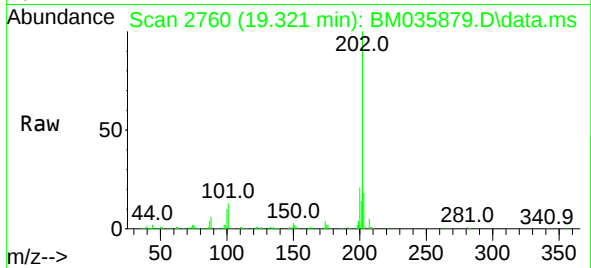
Tgt Ion:149 Resp: 223246
Ion Ratio Lower Upper
149 100
150 9.7 7.3 10.9
104 5.2 4.3 6.5





#75
Fluoranthene
Concen: 3.270 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

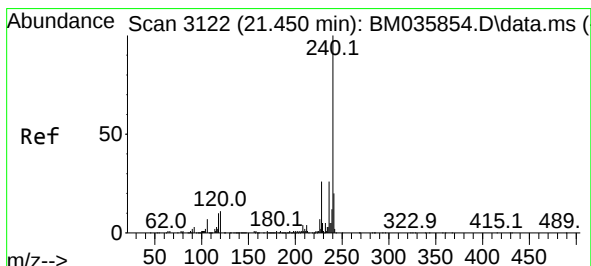
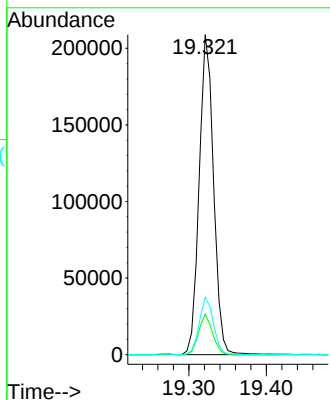
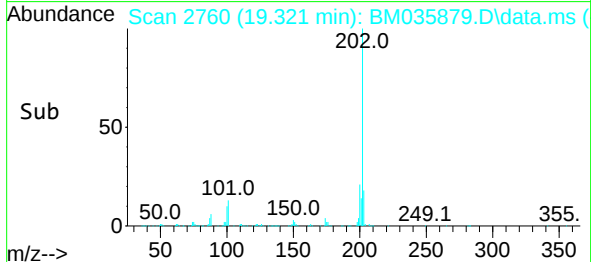
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



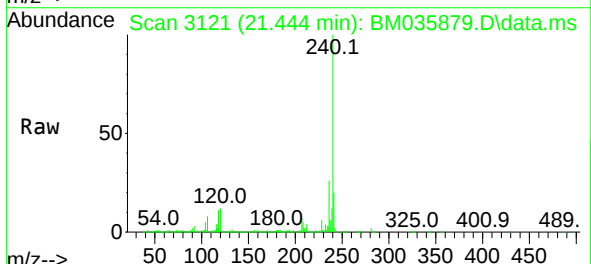
Tgt Ion:202 Resp: 26956
Ion Ratio Lower Upper
202 100
101 12.7 0.0 30.6
203 17.9 0.0 37.4

Manual Integrations
APPROVED

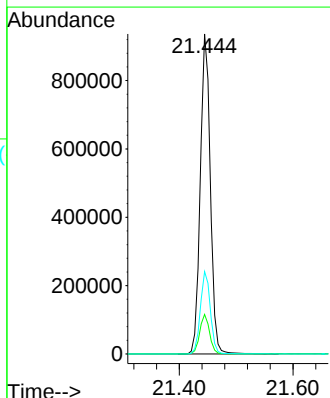
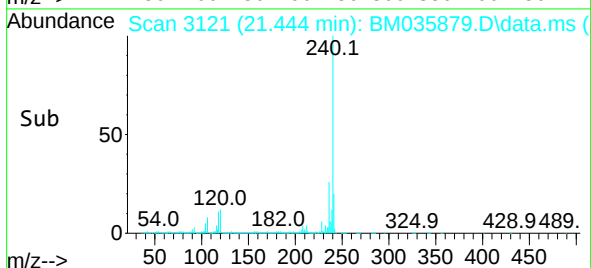
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

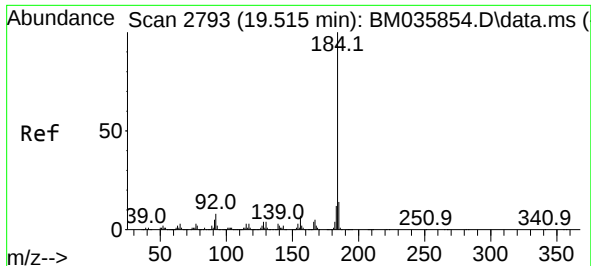


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



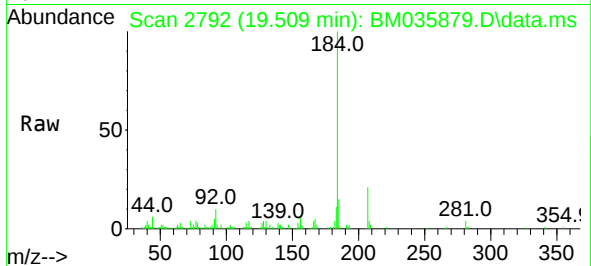
Tgt Ion:240 Resp: 1149456
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.0
236 25.8 20.6 30.8





#77
Benzidine
Concen: 3.977 ng
RT: 19.509 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

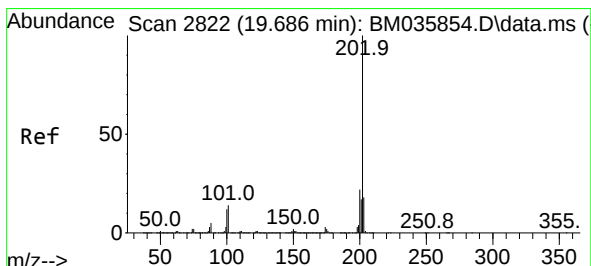
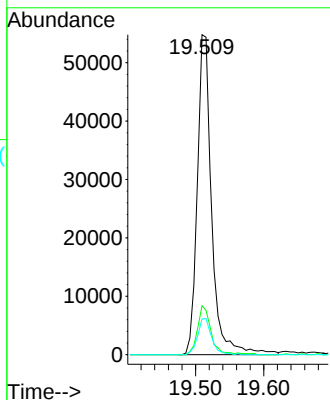
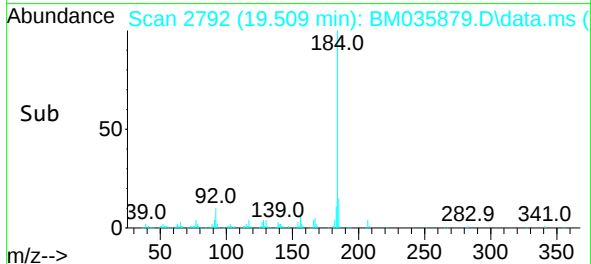
Instrument : BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



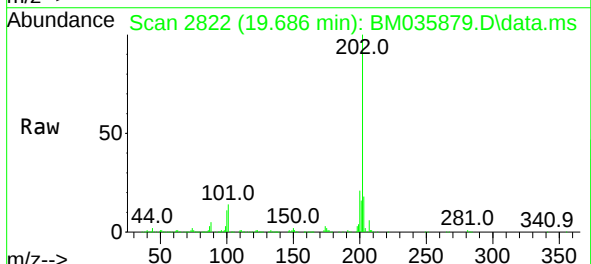
Tgt Ion:184 Resp: 8026
Ion Ratio Lower Upper
184 100
185 15.3 11.3 16.9
183 11.2 9.5 14.3

Manual Integrations
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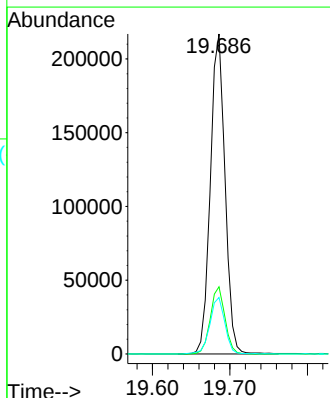
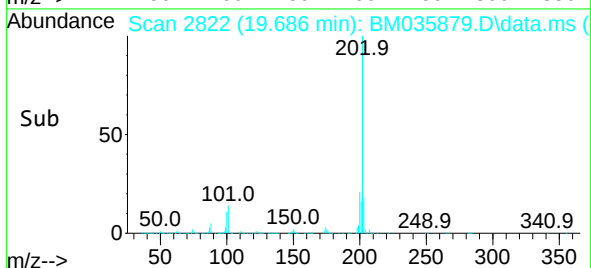
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

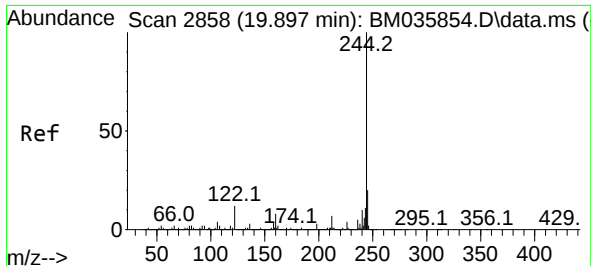


#78
Pyrene
Concen: 3.800 ng
RT: 19.686 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48



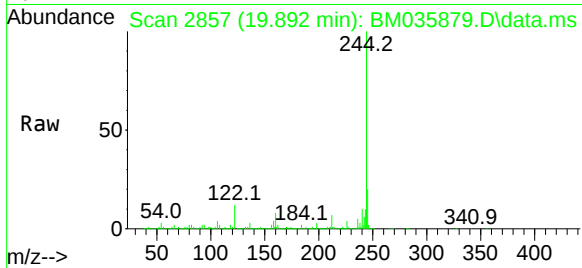
Tgt Ion:202 Resp: 285591
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.7 13.9 20.9





#79
 Terphenyl-d14
 Concen: 94.512 ng
 RT: 19.892 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM035879.D
 Acq: 20 Jul 2022 13:48

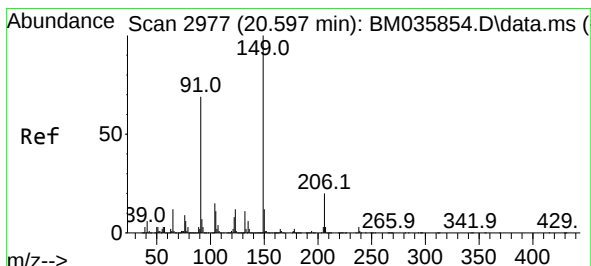
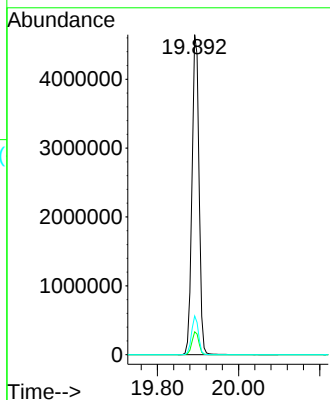
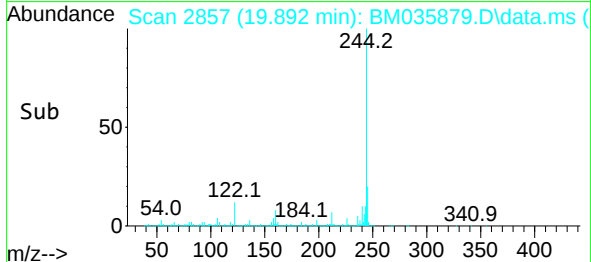
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT2-2022



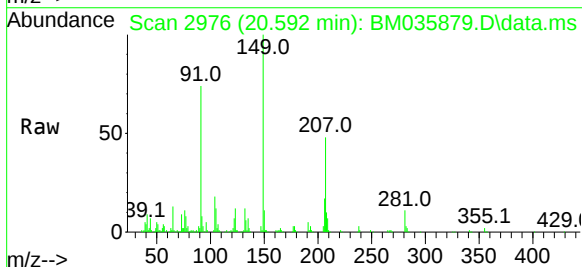
Tgt Ion:244 Resp: 5583590
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.4
 122 12.1 8.3 12.5

Manual Integrations
 APPROVED

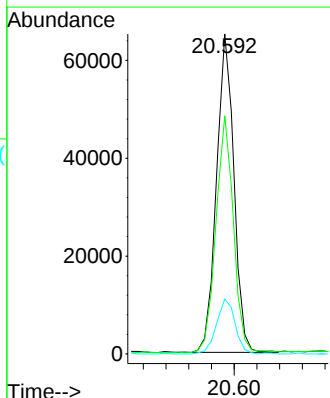
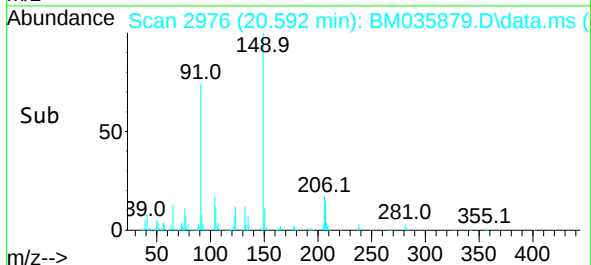
Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022

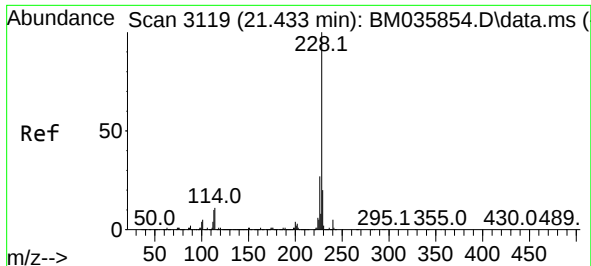


#80
 Butylbenzylphthalate
 Concen: 2.590 ng
 RT: 20.592 min Scan# 2976
 Delta R.T. -0.006 min
 Lab File: BM035879.D
 Acq: 20 Jul 2022 13:48



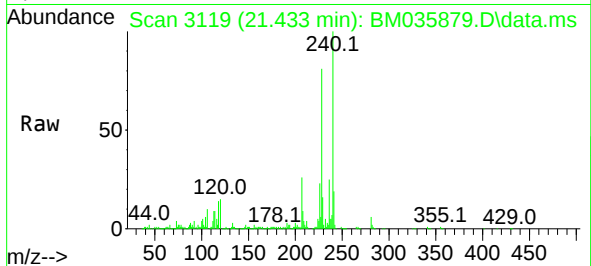
Tgt Ion:149 Resp: 69496
 Ion Ratio Lower Upper
 149 100
 91 74.4 56.6 85.0
 206 17.2 15.4 23.0





#81
Benzo(a)anthracene
Concen: 3.571 ng
RT: 21.433 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

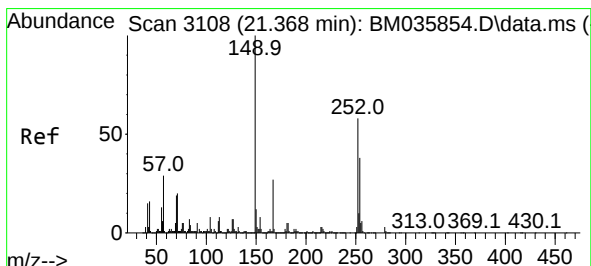
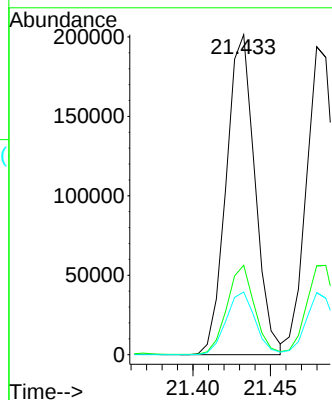
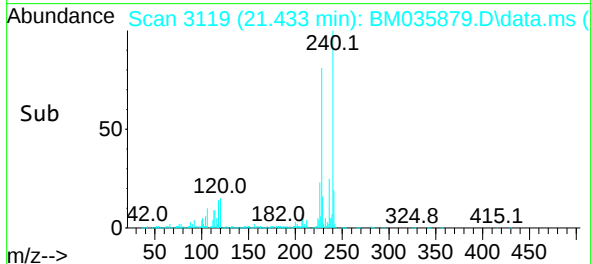
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 25984
Ion Ratio Lower Upper
228 100
226 28.0 22.3 33.5
229 19.6 15.8 23.6

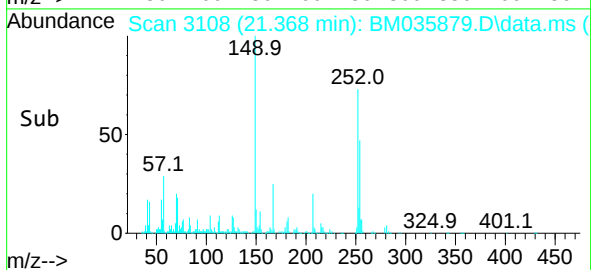
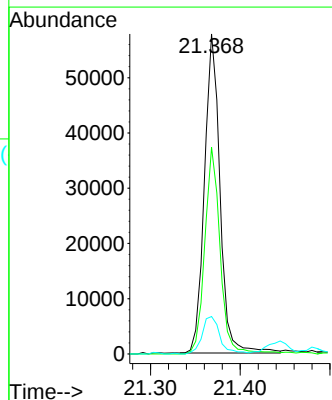
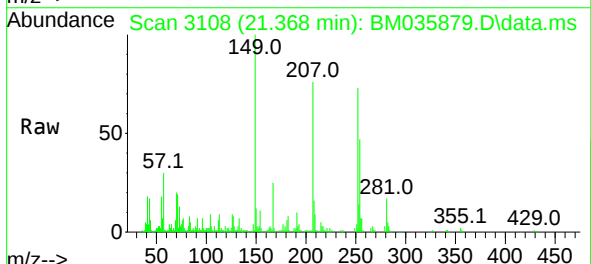
Manual Integrations
APPROVED

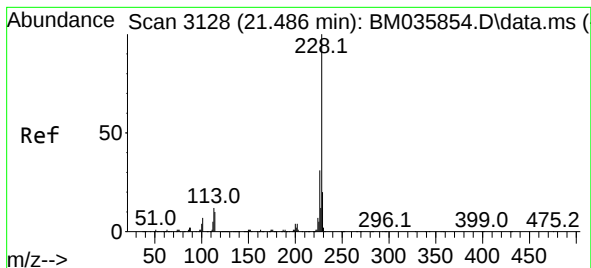
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#82
3,3'-Dichlorobenzidine
Concen: 4.093 ng
RT: 21.368 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Tgt Ion:252 Resp: 69765
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 11.7 9.4 14.0





#83

Chrysene

Concen: 3.643 ng

RT: 21.480 min Scan# 3128

Delta R.T. -0.006 min

Lab File: BM035879.D

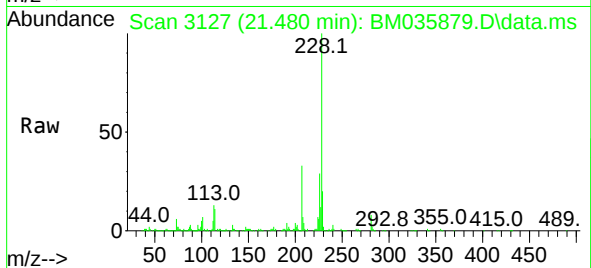
Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 25292

Ion Ratio Lower Upper

228 100

226 28.8 24.4 36.6

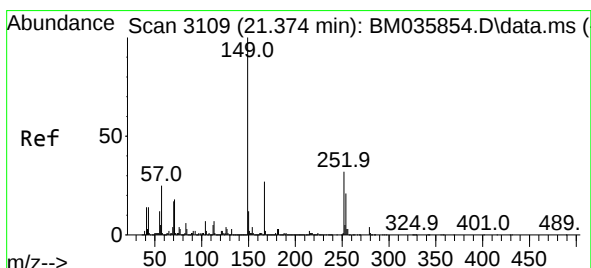
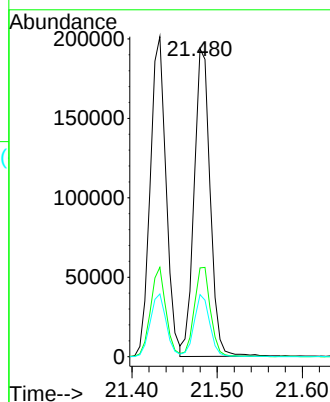
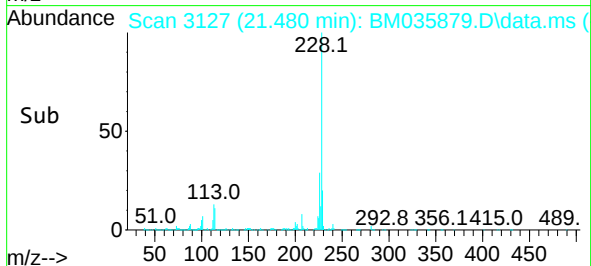
229 20.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.549 ng

RT: 21.374 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

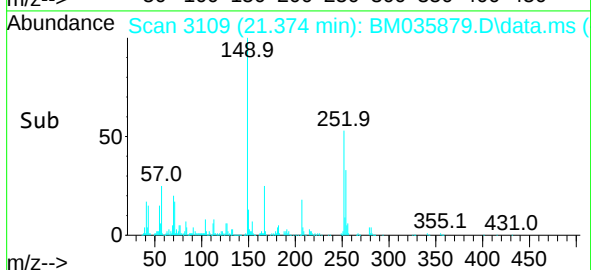
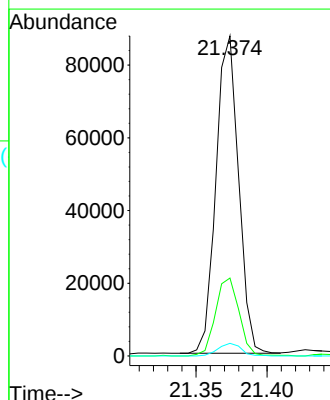
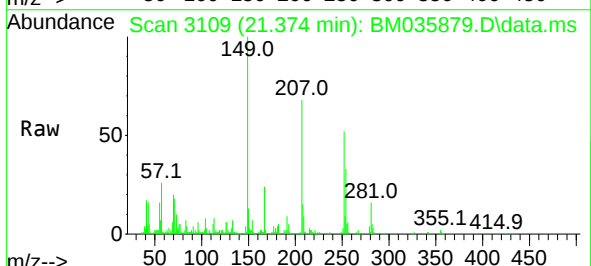
Tgt Ion:149 Resp: 96408

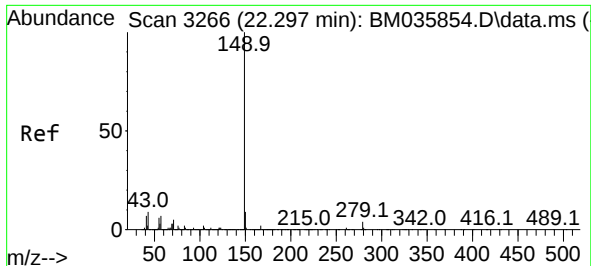
Ion Ratio Lower Upper

149 100

167 24.4 21.1 31.7

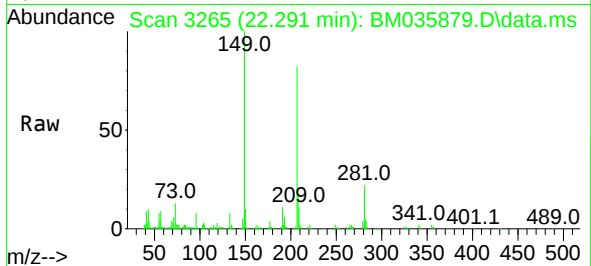
279 3.9 2.8 4.2





#85
Di-n-octyl phthalate
Concen: 2.361 ng
RT: 22.291 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

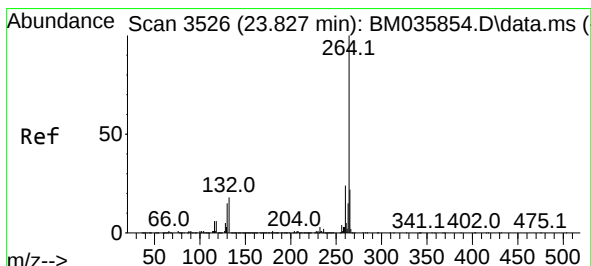
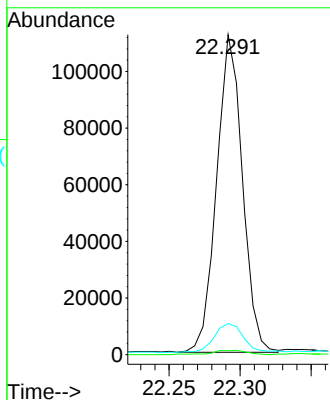
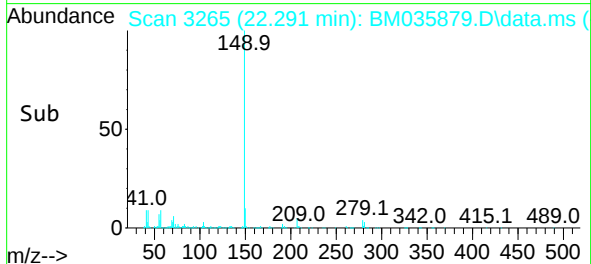
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:149 Resp: 14161
Ion Ratio Lower Upper
149 100
167 1.9 1.3 1.9
43 10.5 8.6 12.8

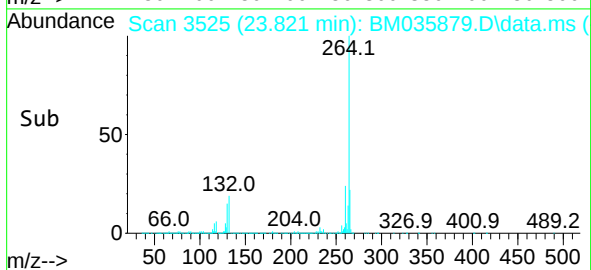
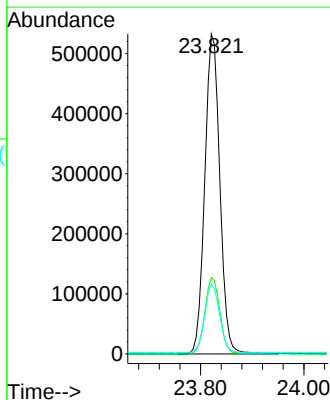
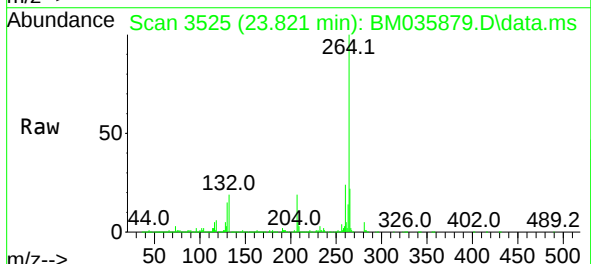
Manual Integrations
APPROVED

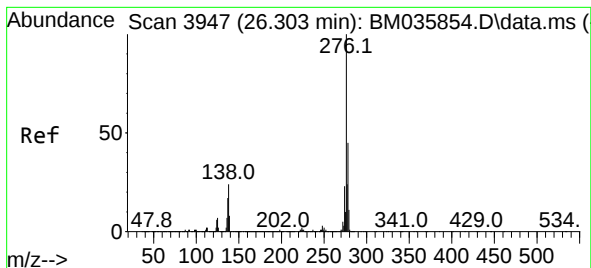
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Tgt Ion:264 Resp: 1077722
Ion Ratio Lower Upper
264 100
260 23.9 18.9 28.3
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.221 ng

RT: 26.291 min Scan# 3945

Delta R.T. -0.012 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

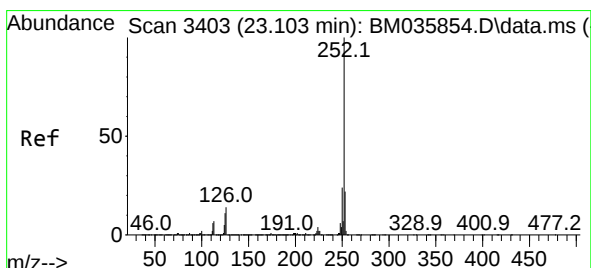
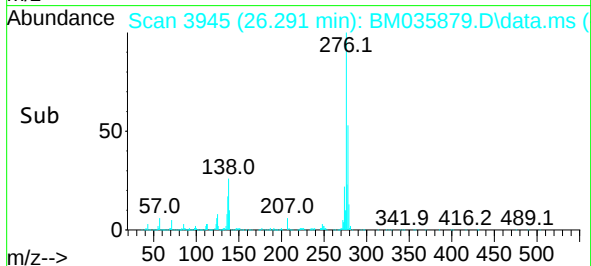
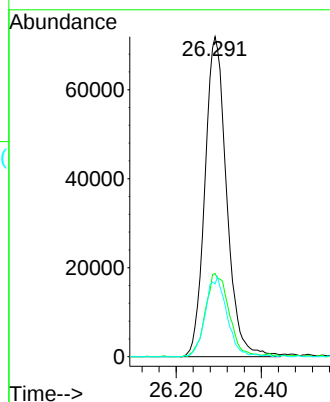
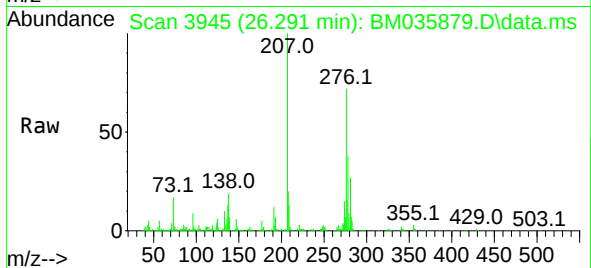
MDL-WATER-03-QT2-2022

Tgt Ion:276 Resp: 25364
 Ion Ratio Lower Upper
 276 100
 138 28.3 20.2 30.4
 277 24.7 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022
 Supervised By :Jagrut Upadhyay 07/21/2022



#88

Benzo(b)fluoranthene

Concen: 3.694 ng m

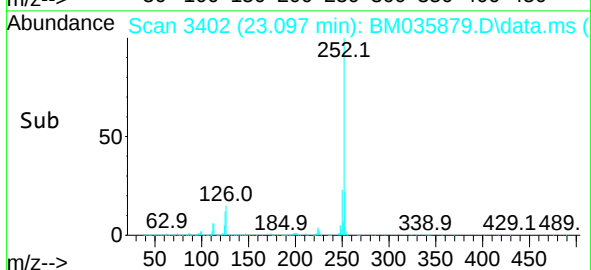
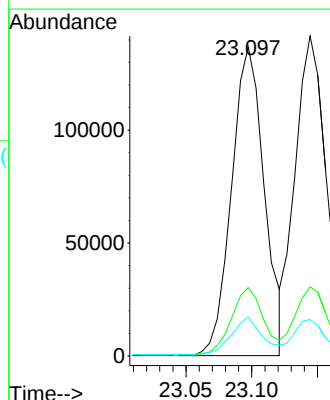
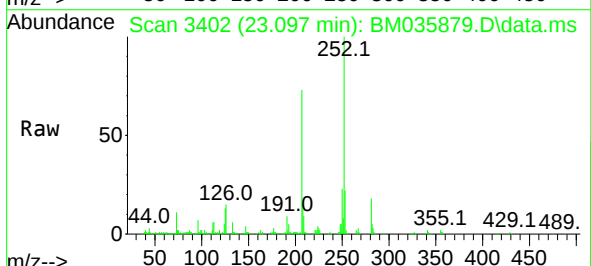
RT: 23.097 min Scan# 3402

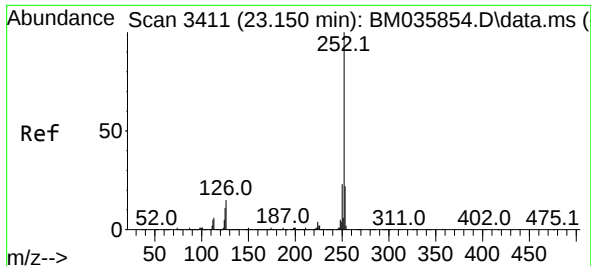
Delta R.T. -0.006 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

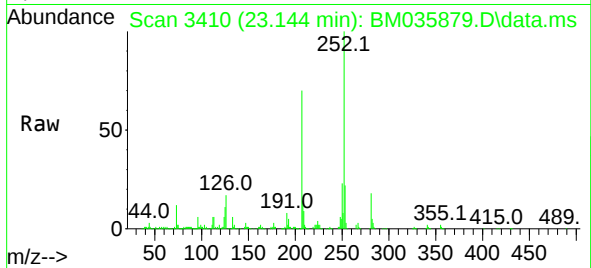
Tgt Ion:252 Resp: 236952
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.6 26.4
 125 12.6 7.6 11.4#





#89
Benzo(k)fluoranthene
Concen: 3.590 ng
RT: 23.144 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

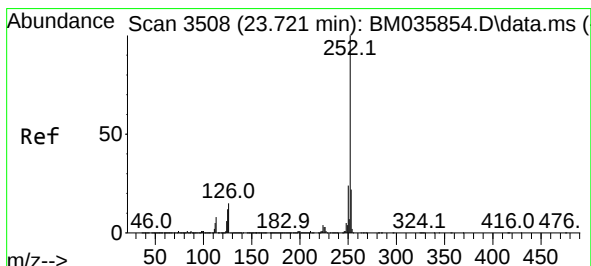
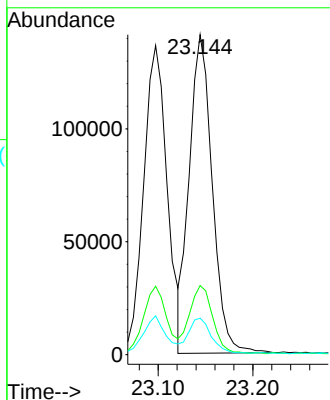
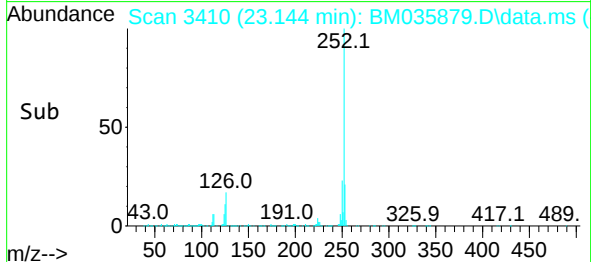
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:252 Resp: 238340
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.4 7.6 11.4

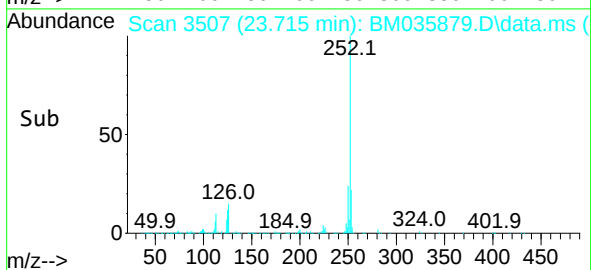
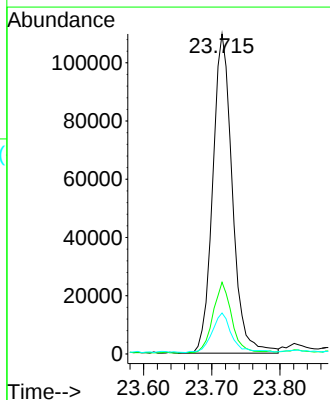
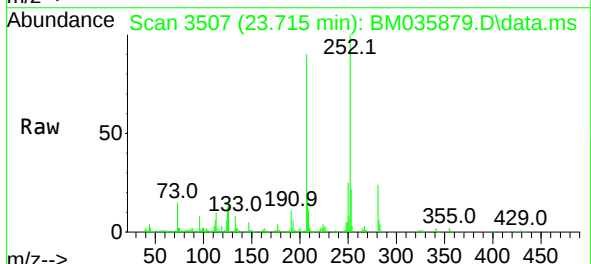
Manual Integrations
APPROVED

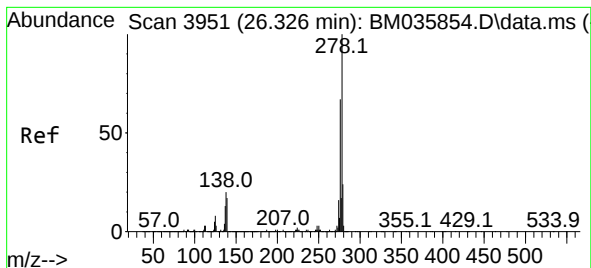
Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022



#90
Benzo(a)pyrene
Concen: 4.016 ng
RT: 23.715 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM035879.D
Acq: 20 Jul 2022 13:48

Tgt Ion:252 Resp: 219281
Ion Ratio Lower Upper
252 100
253 22.4 17.2 25.8
125 12.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 3.469 ng

RT: 26.315 min Scan# 3949

Delta R.T. -0.012 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT2-2022

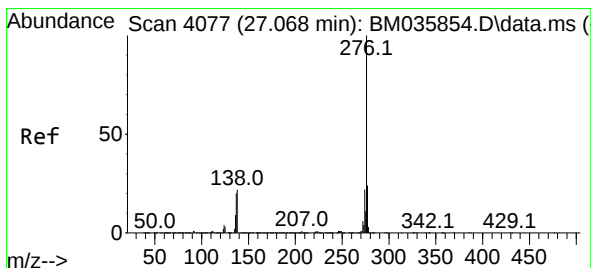
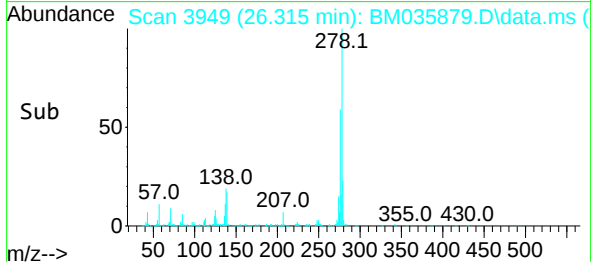
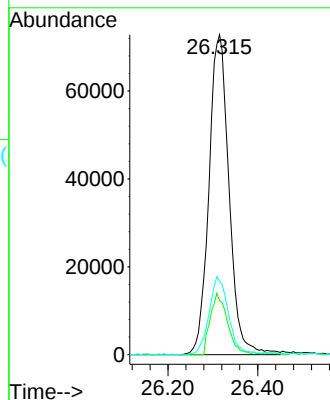
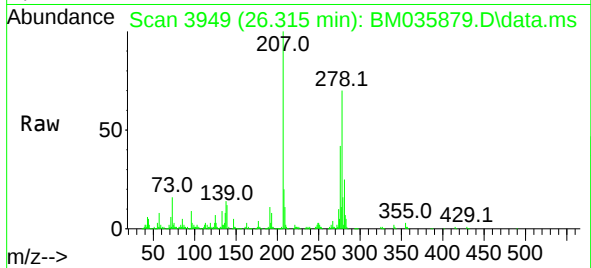
Tgt Ion:	278	Resp:	22698
Ion Ratio	Lower	Upper	
278	100		
139	16.9	12.9	19.3
279	22.9	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/21/2022

Supervised By :Jagrut Upadhyay 07/21/2022



#92

Benzo(g,h,i)perylene

Concen: 3.457 ng

RT: 27.050 min Scan# 4074

Delta R.T. -0.018 min

Lab File: BM035879.D

Acq: 20 Jul 2022 13:48

Tgt Ion:	276	Resp:	223078
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.7	28.1
138	25.4	17.6	26.4

