

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015305.D
 Acq On : 26 May 2023 12:19
 Operator : CG/JU
 Sample : 02213-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Quant Time: May 26 13:48:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	218427	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	838543	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	505922	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1003084	20.000	ng	0.00
76) Chrysene-d12	21.580	240	845202	20.000	ng	0.00
86) Perylene-d12	24.133	264	984416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1291652	97.989	ng	0.00
7) Phenol-d6	7.258	99	1688222	97.728	ng	0.00
23) Nitrobenzene-d5	9.287	82	1211115	70.520	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	638161	92.821	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2585177	68.602	ng	0.00
79) Terphenyl-d14	20.039	244	3072521	68.378	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	42264	7.239	ng	96
3) Pyridine	3.887	79	95712	6.415	ng	96
4) n-Nitrosodimethylamine	3.787	42	49151	7.058	ng	# 96
6) Aniline	7.428	93	156207	7.154	ng	98
8) 2-Chlorophenol	7.663	128	97857	7.104	ng	95
9) Benzaldehyde	7.240	77	93538	6.550	ng	99
10) Phenol	7.287	94	123965	7.165	ng	96
11) bis(2-Chloroethyl)ether	7.522	93	105245	7.258	ng	95
12) 1,3-Dichlorobenzene	7.993	146	114308	7.458	ng	99
13) 1,4-Dichlorobenzene	8.146	146	117176	7.595	ng	99
14) 1,2-Dichlorobenzene	8.463	146	110418	7.501	ng	99
15) Benzyl Alcohol	8.352	79	79688	6.609	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.646	45	145737m	7.794	ng	
17) 2-Methylphenol	8.552	107	81157	6.592	ng	98
18) Hexachloroethane	9.199	117	41516	7.140	ng	98
19) n-Nitroso-di-n-propyla...	8.922	70	80993	7.326	ng	98
20) 3+4-Methylphenols	8.881	107	108908	6.548	ng	99
22) Acetophenone	8.940	105	163095	7.488	ng	# 99
24) Nitrobenzene	9.328	77	124620	7.287	ng	98
25) Isophorone	9.852	82	207656	6.738	ng	97
26) 2-Nitrophenol	10.046	139	46168	6.151	ng	93
27) 2,4-Dimethylphenol	10.099	122	86864	6.903	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	140221	7.382	ng	99
29) 2,4-Dichlorophenol	10.581	162	85602	6.561	ng	99
30) 1,2,4-Trichlorobenzene	10.799	180	106290	7.303	ng	99
31) Naphthalene	10.987	128	320562	7.259	ng	99
32) Benzoic acid	10.169	122	28600m	8.833	ng	
33) 4-Chloroaniline	11.099	127	121021	6.628	ng	97
34) Hexachlorobutadiene	11.269	225	64989	7.048	ng	99
35) Caprolactam	11.869	113	22031m	5.500	ng	
36) 4-Chloro-3-methylphenol	12.210	107	90775	6.399	ng	97
37) 2-Methylnaphthalene	12.587	142	218202	6.952	ng	98
38) 1-Methylnaphthalene	12.804	142	203122	6.936	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	120592	7.264	ng	99
41) Hexachlorocyclopentadiene	12.922	237	57401	6.528	ng	98
43) 2,4,6-Trichlorophenol	13.187	196	68165	6.326	ng	99

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2023

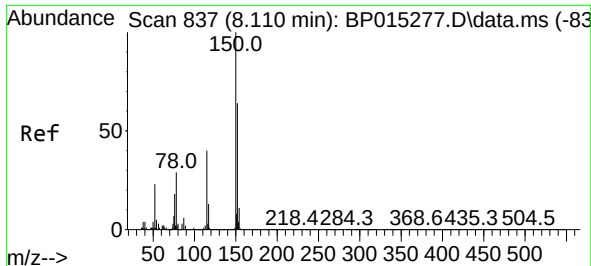
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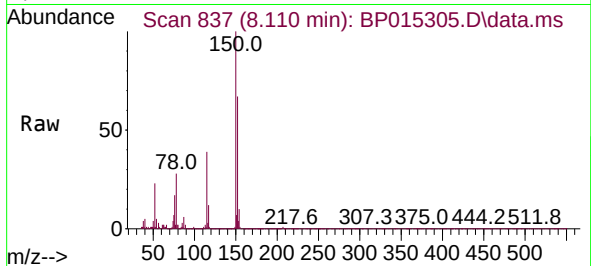
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44) 2,4,5-Trichlorophenol	13.257	196	74457	5.878	ng	96
46) 1,1'-Biphenyl	13.587	154	295955	7.383	ng	98
47) 2-Chloronaphthalene	13.628	162	220956	7.307	ng	98
48) 2-Nitroaniline	13.834	65	52560	5.690	ng	91
49) Acenaphthylene	14.475	152	326872	6.756	ng	100
50) Dimethylphthalate	14.198	163	261121	6.597	ng	99
51) 2,6-Dinitrotoluene	14.322	165	50327	6.022	ng	94
52) Acenaphthene	14.810	154	202868	7.040	ng	96
53) 3-Nitroaniline	14.657	138	46927	5.494	ng	95
54) 2,4-Dinitrophenol	14.869	184	19663	8.457	ng	97
55) Dibenzofuran	15.145	168	328545	6.969	ng	100
56) 4-Nitrophenol	14.957	139	32027	7.514	ng	92
57) 2,4-Dinitrotoluene	15.110	165	63420	5.772	ng	95
58) Fluorene	15.798	166	255784	7.025	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.369	232	62891	6.208	ng	97
60) Diethylphthalate	15.557	149	252076	6.393	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	128512	6.893	ng	98
62) 4-Nitroaniline	15.816	138	41961	6.655	ng	96
63) Azobenzene	16.081	77	245637	6.530	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	30651	5.031	ng	90
66) n-Nitrosodiphenylamine	15.998	169	212094	7.096	ng	99
67) 4-Bromophenyl-phenylether	16.686	248	74806	6.897	ng	95
68) Hexachlorobenzene	16.804	284	86907	7.276	ng	97
69) Atrazine	16.951	200	68248	7.151	ng	97
70) Pentachlorophenol	17.151	266	41487	5.068	ng	97
71) Phenanthrene	17.545	178	374823	7.011	ng	100
72) Anthracene	17.639	178	365185	6.821	ng	100
73) Carbazole	17.904	167	310821	6.556	ng	99
74) Di-n-butylphthalate	18.433	149	362892	5.960	ng	99
75) Fluoranthene	19.498	202	399150	6.391	ng	100
77) Benzidine	19.675	184	154174m	11.519	ng	
78) Pyrene	19.851	202	423165	6.997	ng	99
80) Butylbenzylphthalate	20.704	149	146496	5.716	ng	96
81) Benzo(a)anthracene	21.563	228	395967	6.743	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	140101	7.724	ng	98
83) Chrysene	21.622	228	383760	6.815	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	211813	5.612	ng	99
85) Di-n-octyl phthalate	22.433	149	352834	5.526	ng	98
87) Indeno(1,2,3-cd)pyrene	26.827	276	479013	6.713	ng	98
88) Benzo(b)fluoranthene	23.345	252	395298	6.605	ng	98
89) Benzo(k)fluoranthene	23.398	252	402524	6.679	ng	98
90) Benzo(a)pyrene	24.015	252	352841	6.106	ng	99
91) Dibenzo(a,h)anthracene	26.845	278	395612	6.752	ng	98
92) Benzo(g,h,i)perylene	27.662	276	390197	6.554	ng	97

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.110 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP015305.D
 Acq: 26 May 2023 12:19

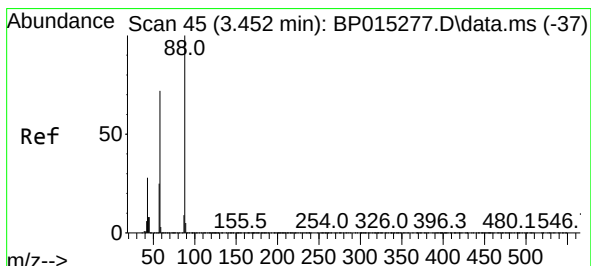
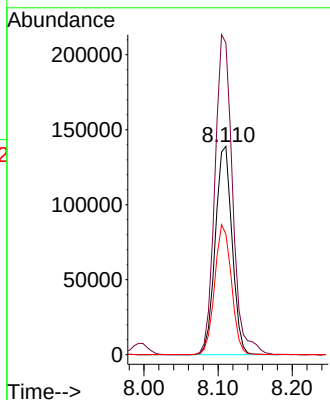
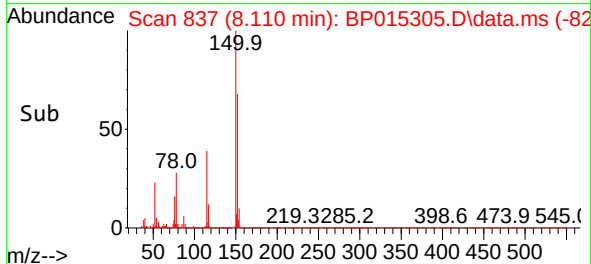
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2023



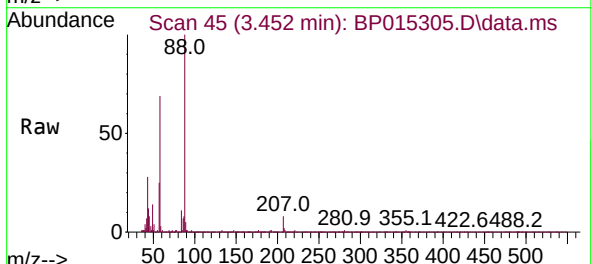
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 Ion Ratio Lower Upper
 152 100
 150 149.7 124.2 186.2
 115 57.9 49.1 73.7

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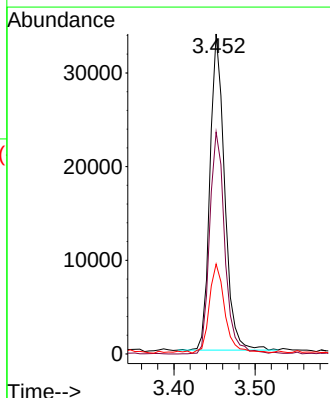
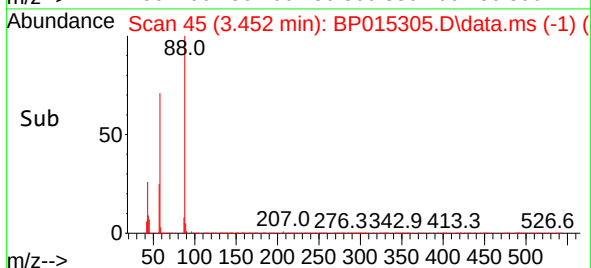
Reviewed By :Christian Giraldo 05/30/2023
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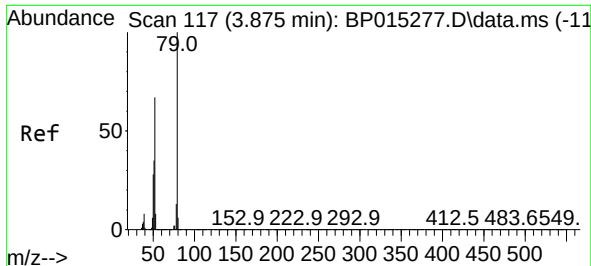


#2
 1,4-Dioxane
 Concen: 7.239 ng
 RT: 3.452 min Scan# 45
 Delta R.T. 0.000 min
 Lab File: BP015305.D
 Acq: 26 May 2023 12:19



Tgt Ion: 88 Resp: 42264
 Ion Ratio Lower Upper
 88 100
 58 73.0 56.2 84.4
 43 30.1 22.1 33.1





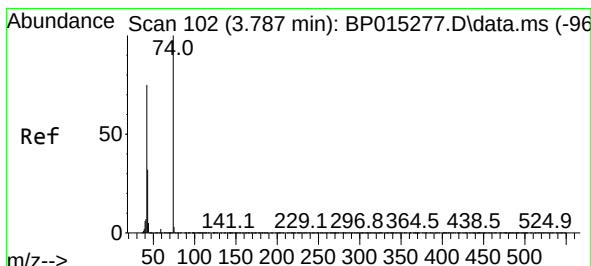
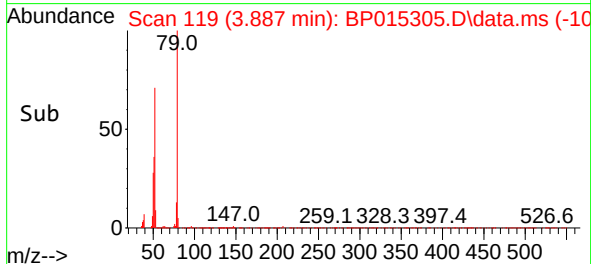
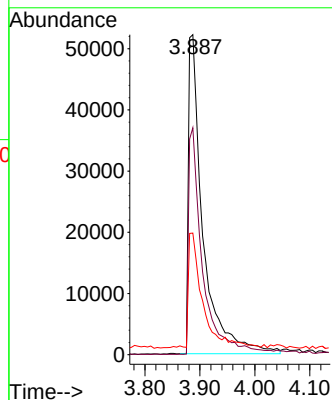
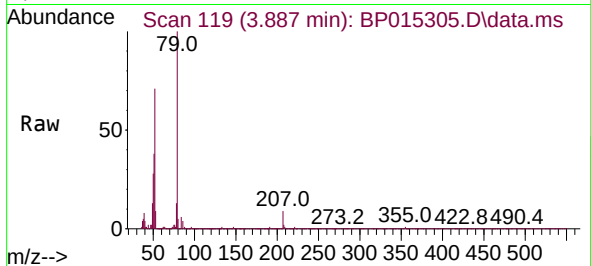
#3
Pyridine
Concen: 6.415 ng
RT: 3.887 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 79 Resp: 9571
Ion Ratio Lower Upper
79 100
52 70.9 53.7 80.5
51 38.0 28.6 43.0

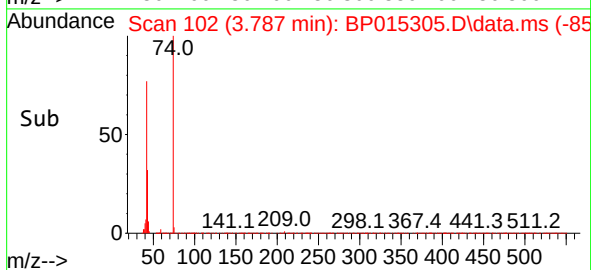
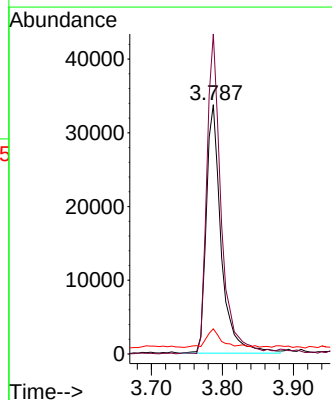
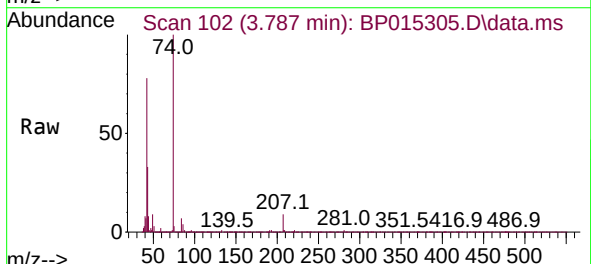
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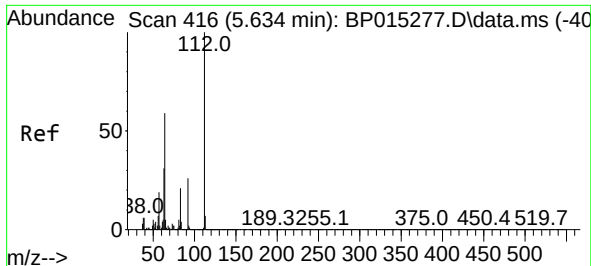
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
n-Nitrosodimethylamine
Concen: 7.058 ng
RT: 3.787 min Scan# 102
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

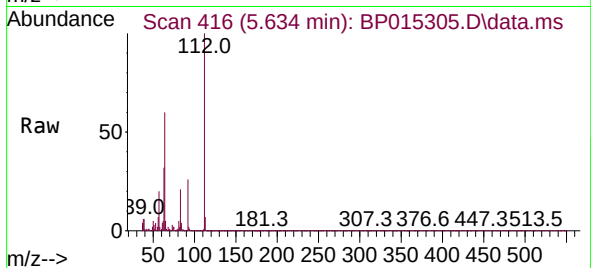
Tgt Ion: 42 Resp: 49151
Ion Ratio Lower Upper
42 100
74 128.4 106.6 160.0
44 10.1 5.8 8.8





#5
2-Fluorophenol
Concen: 97.989 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

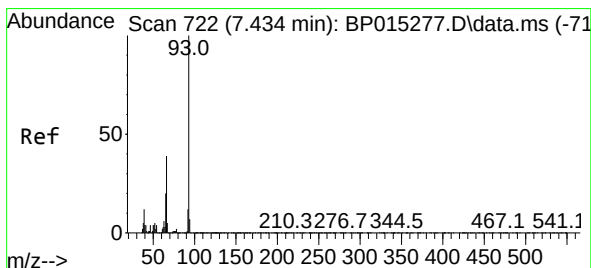
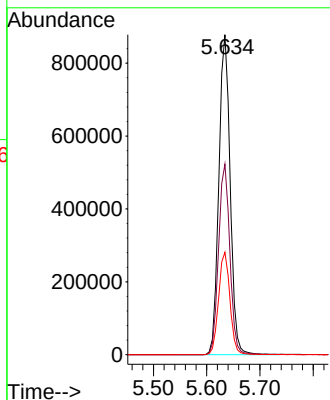
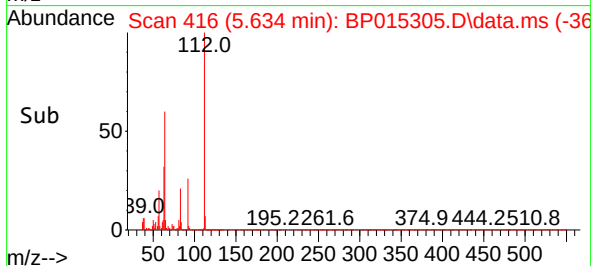
Instrument :
BNA_P
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Tgt Ion: 112 Resp: 1291652
Ion Ratio Lower Upper
112 100
64 59.5 47.2 70.8
63 32.0 24.6 37.0

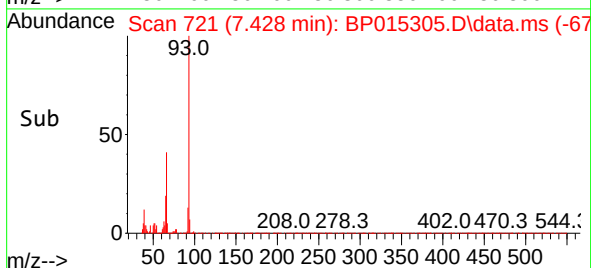
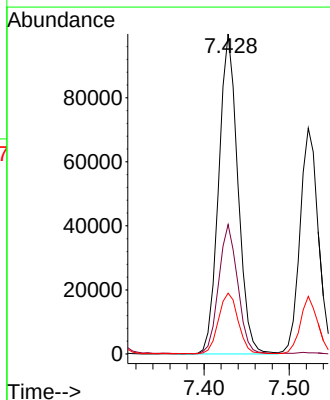
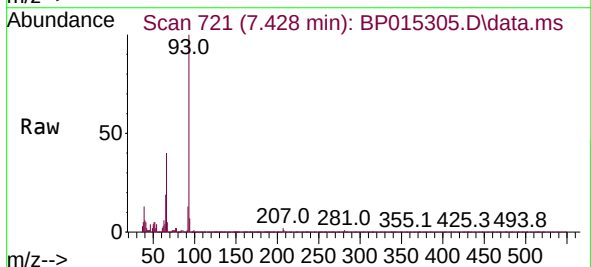
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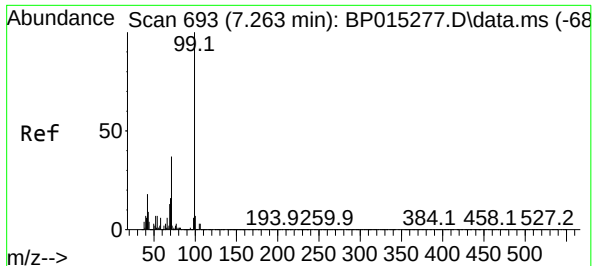
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#6
Aniline
Concen: 7.154 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

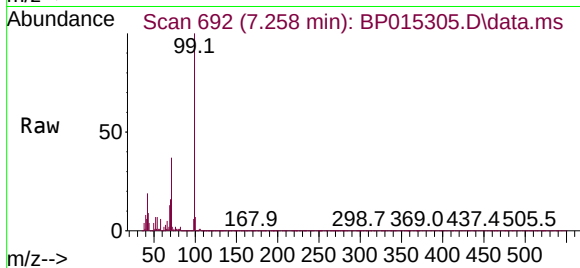
Tgt Ion: 93 Resp: 156207
Ion Ratio Lower Upper
93 100
66 40.5 31.3 46.9
65 19.0 16.0 24.0





#7
Phenol-d6
Concen: 97.728 ng
RT: 7.258 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

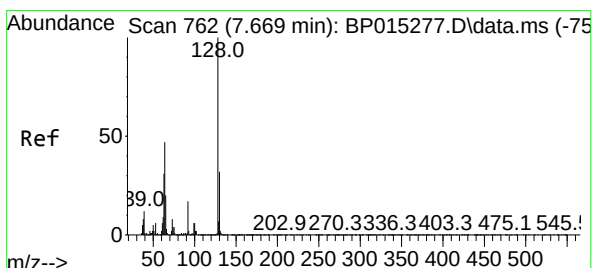
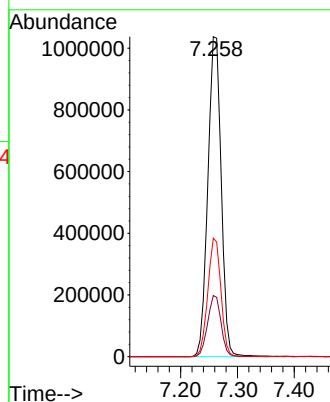
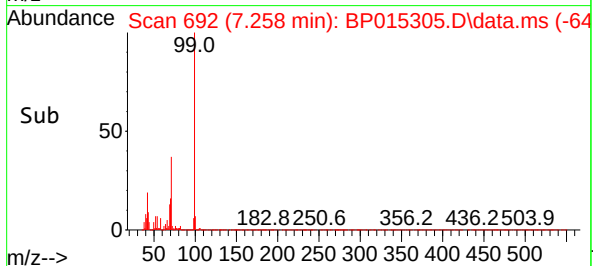
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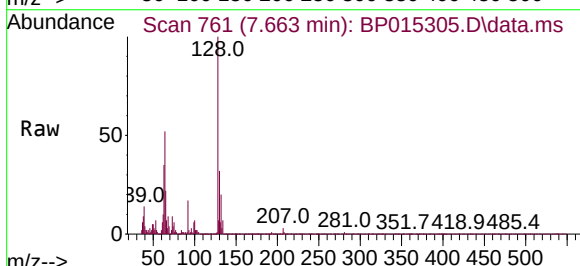
Tgt Ion: 99 Resp: 168822
Ion Ratio Lower Upper
99 100
42 19.1 14.6 22.0
71 37.1 29.4 44.2

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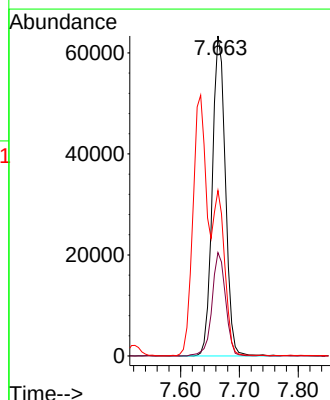
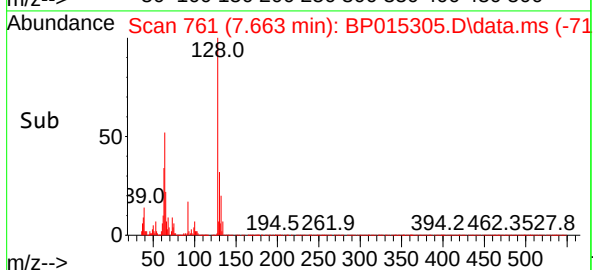
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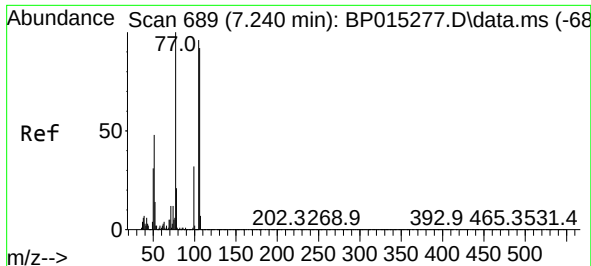


#8
2-Chlorophenol
Concen: 7.104 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



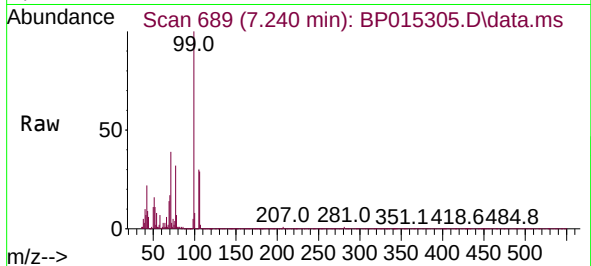
Tgt Ion:128 Resp: 97857
Ion Ratio Lower Upper
128 100
130 32.3 11.5 51.5
64 51.7 27.3 67.3





#9
Benzaldehyde
Concen: 6.550 ng
RT: 7.240 min Scan# 618
Delta R.T. -0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

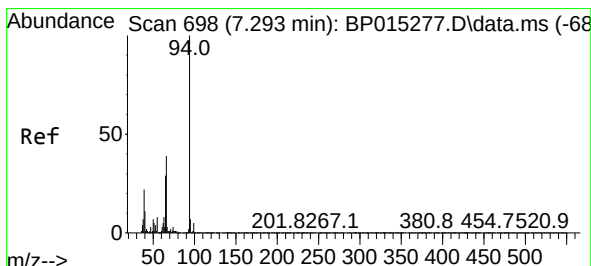
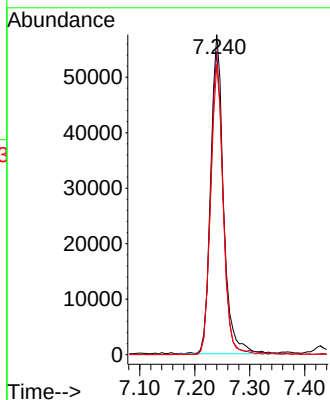
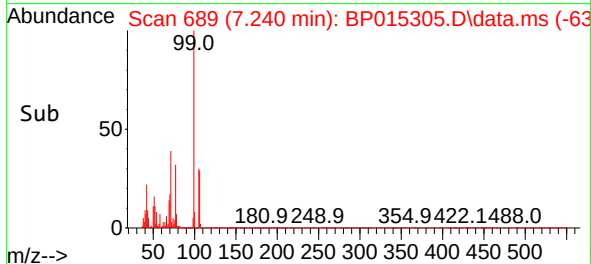
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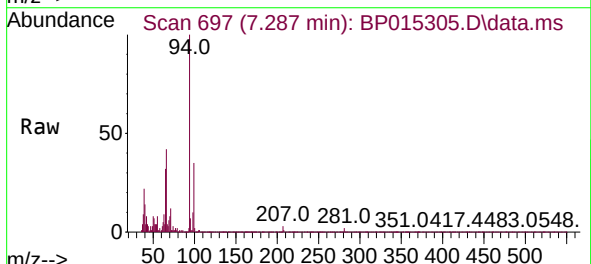
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Ion Ratio Lower Upper
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105 94.7 75.9 115.9
106 90.6 72.3 112.3

Manual Integrations
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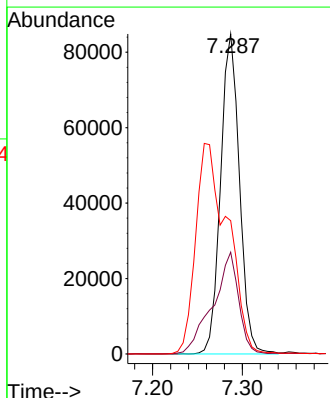
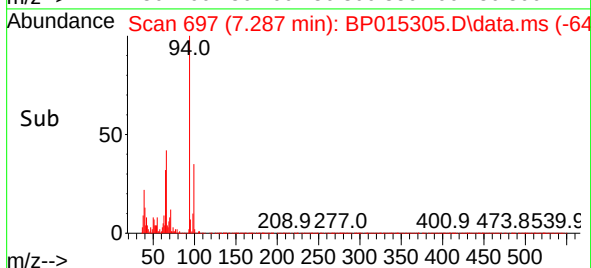
Reviewed By :Christian Giraldo 05/30/2023
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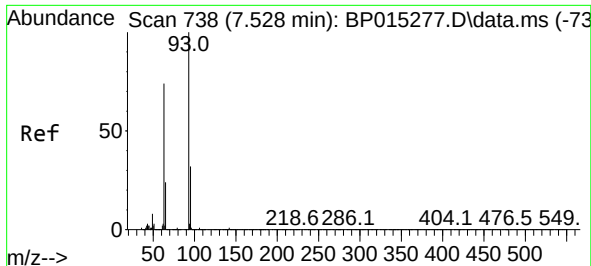


#10
Phenol
Concen: 7.165 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



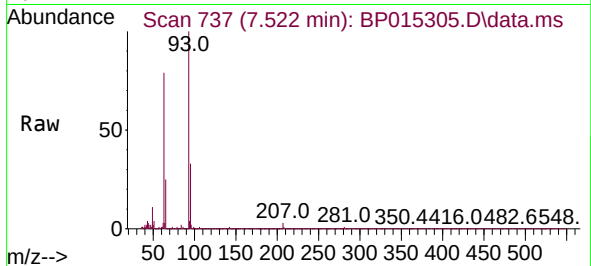
Tgt Ion: 94 Resp: 123965
Ion Ratio Lower Upper
94 100
65 31.8 9.1 49.1
66 41.7 19.3 59.3





#11
bis(2-Chloroethyl)ether
Concen: 7.258 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

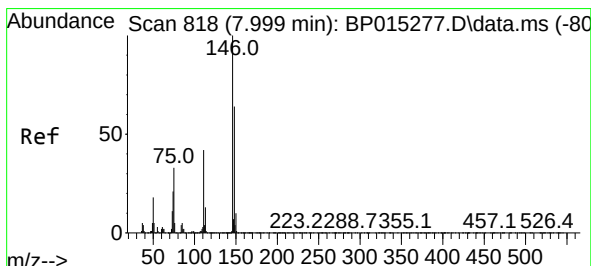
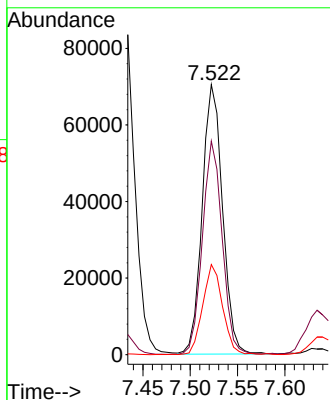
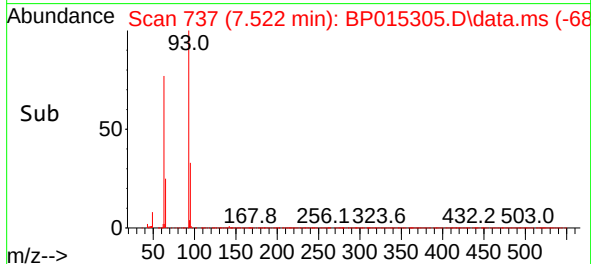
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



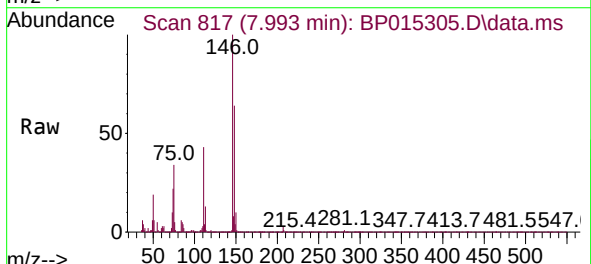
Tgt Ion: 93 Resp: 10524
Ion Ratio Lower Upper
93 100
63 79.1 53.9 93.9
95 33.4 12.2 52.2

Manual Integrations
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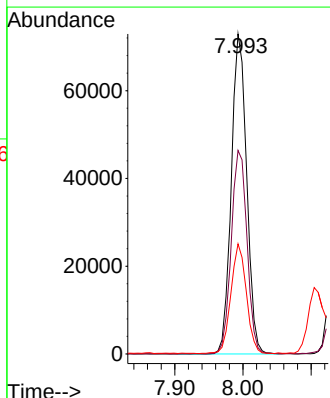
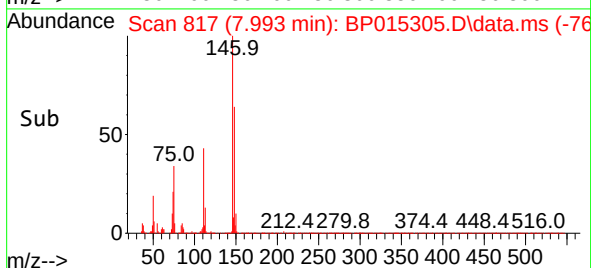
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

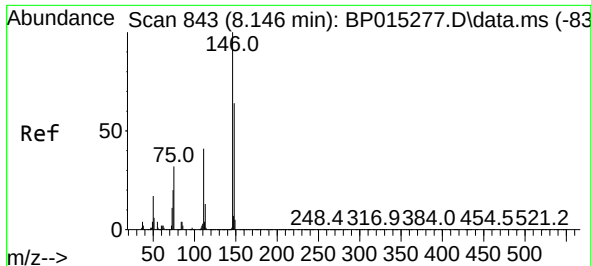


#12
1,3-Dichlorobenzene
Concen: 7.458 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



Tgt Ion:146 Resp: 114308
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
75 34.4 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 7.595 ng

RT: 8.146 min Scan# 843

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

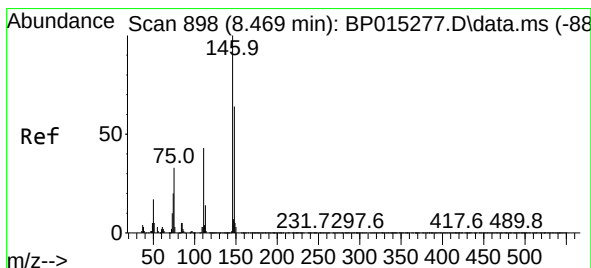
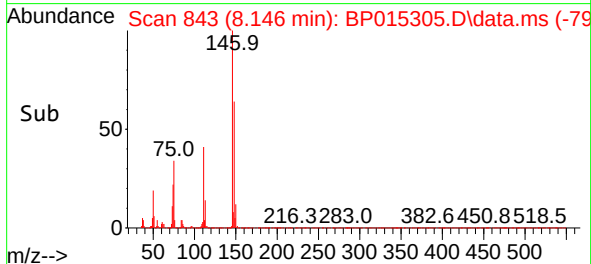
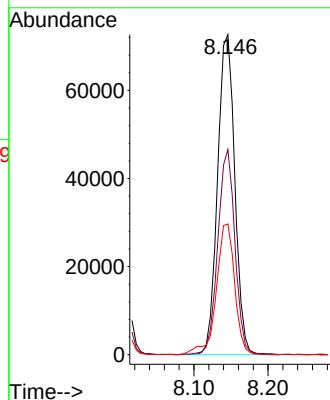
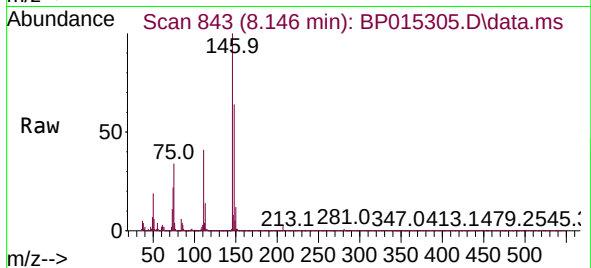
MDL-WATER-03-QT2-2023

Tgt Ion:	146	Resp:	117170
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.0	76.6
111	40.8	33.3	49.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#14

1,2-Dichlorobenzene

Concen: 7.501 ng

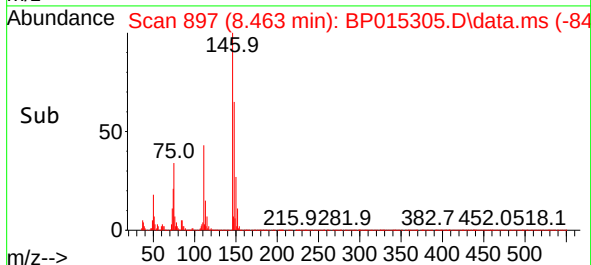
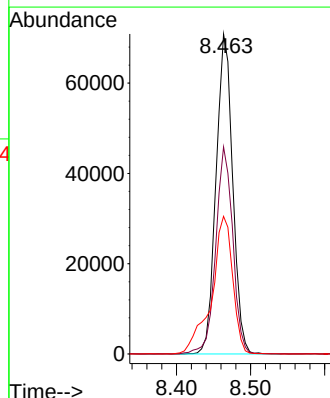
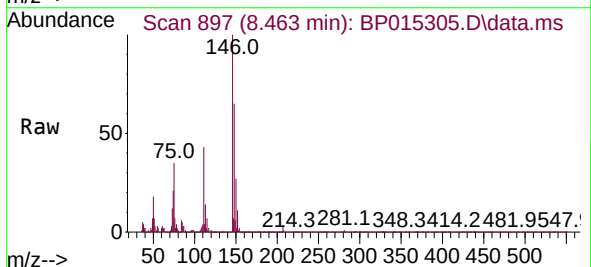
RT: 8.463 min Scan# 897

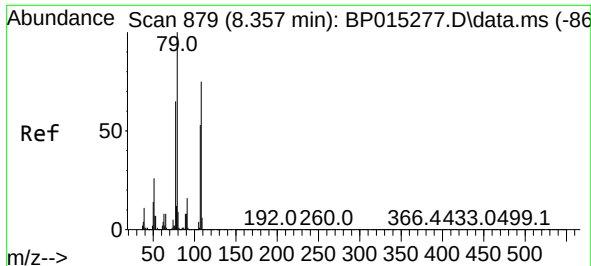
Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:	146	Resp:	110418
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.4	77.2
111	43.0	34.2	51.2





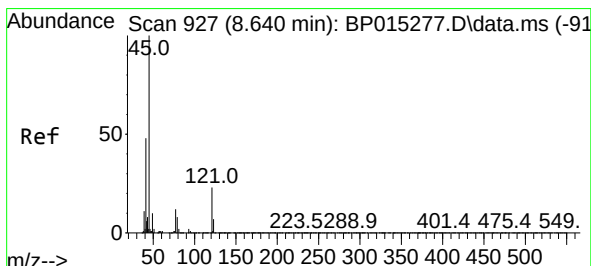
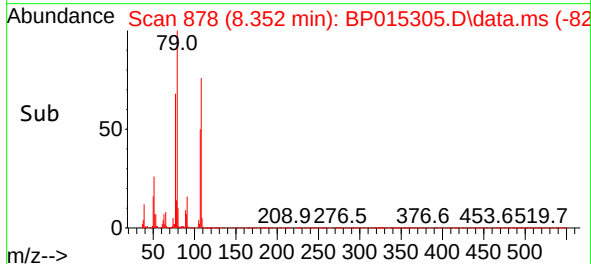
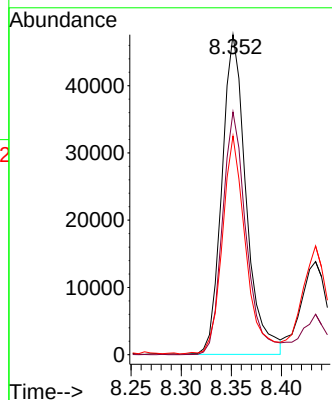
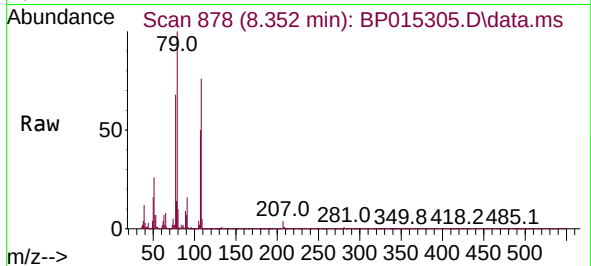
#15
Benzyl Alcohol
Concen: 6.609 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 79 Resp: 7968
Ion Ratio Lower Upper
79 100
108 75.8 60.2 90.2
77 68.3 52.1 78.1

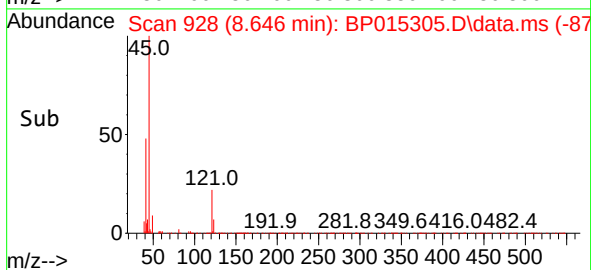
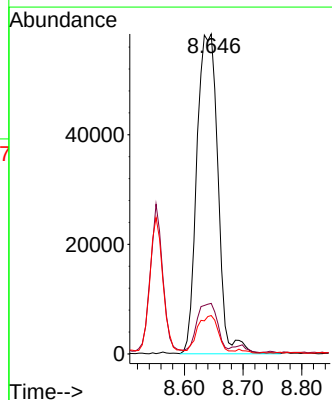
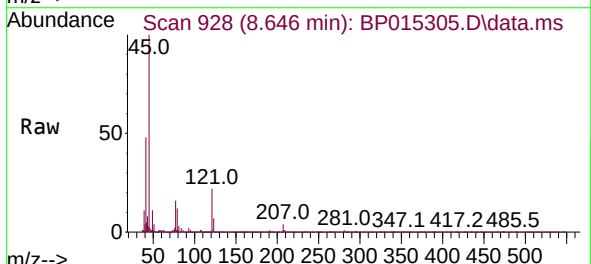
Manual Integrations
APPROVED

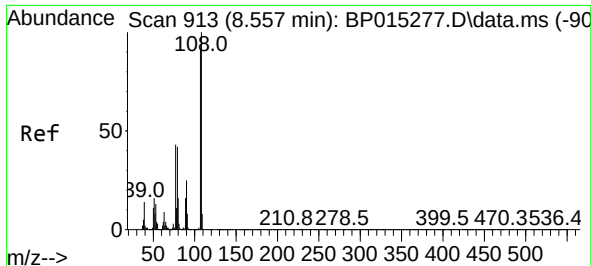
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.794 ng m
RT: 8.646 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 45 Resp: 145737
Ion Ratio Lower Upper
45 100
77 15.8 0.0 35.3
79 12.0 0.0 31.2





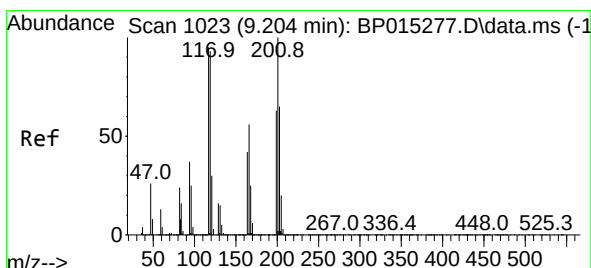
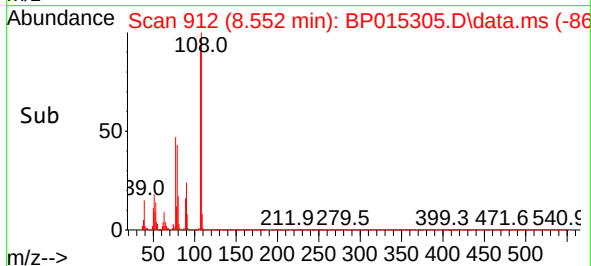
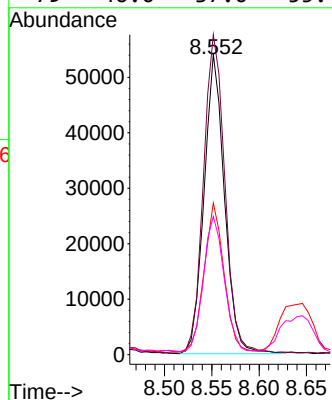
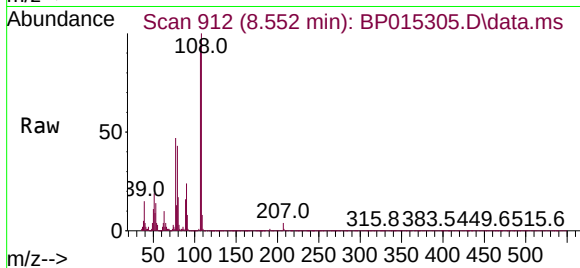
#17
2-Methylphenol
Concen: 6.592 ng
RT: 8.552 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:	107	Resp:	8115
Ion Ratio	Lower	Upper	
107	100		
108	106.5	87.3	130.9
77	50.5	38.1	57.1
79	46.0	37.0	55.4

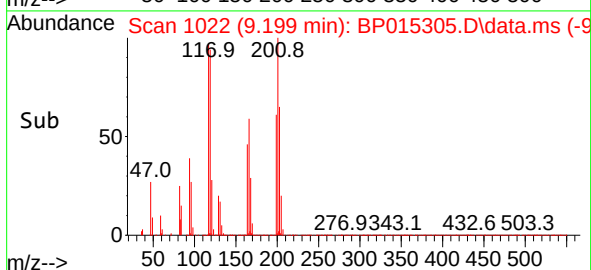
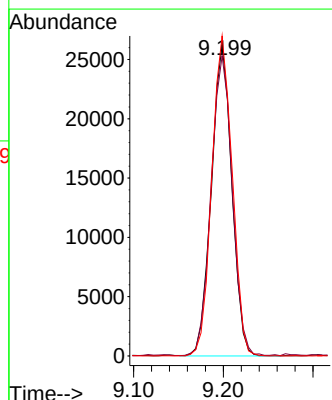
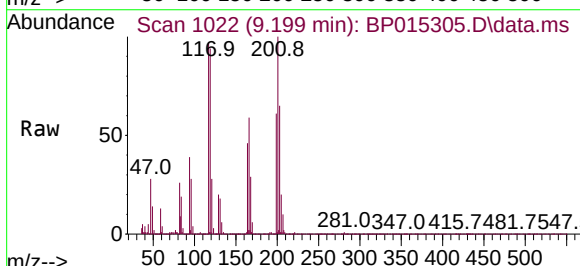
Manual Integrations
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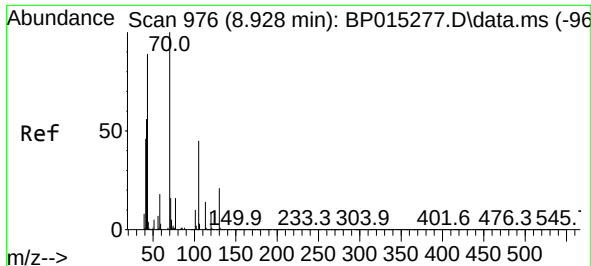
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#18
Hexachloroethane
Concen: 7.140 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:	117	Resp:	41516
Ion Ratio	Lower	Upper	
117	100		
119	96.4	78.8	118.2
201	102.8	84.5	126.7





#19

n-Nitroso-di-n-propylamine

Concen: 7.326 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015305.D

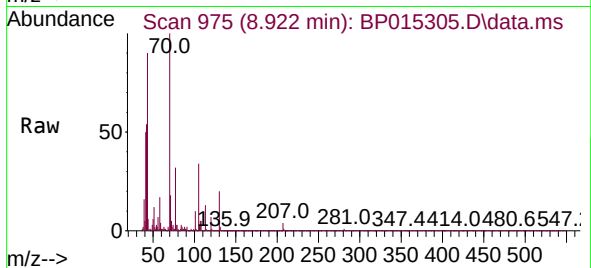
Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023



Tgt Ion: 70 Resp: 8099

Ion Ratio Lower Upper

70 100

42 54.4 45.4 68.2

101 9.8 7.9 11.9

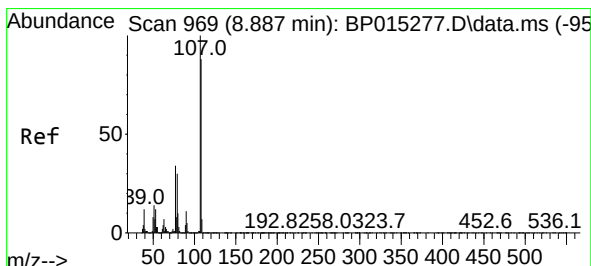
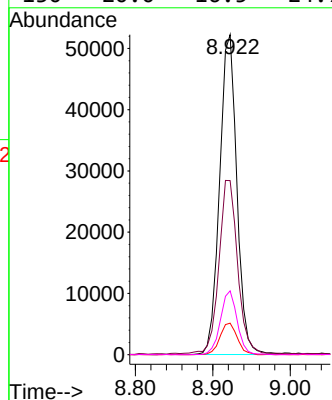
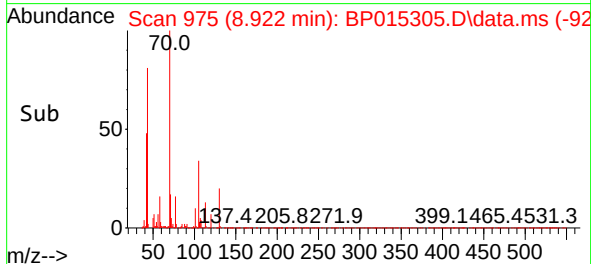
130 20.0 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#20

3+4-Methylphenols

Concen: 6.548 ng

RT: 8.881 min Scan# 968

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:107 Resp: 108908

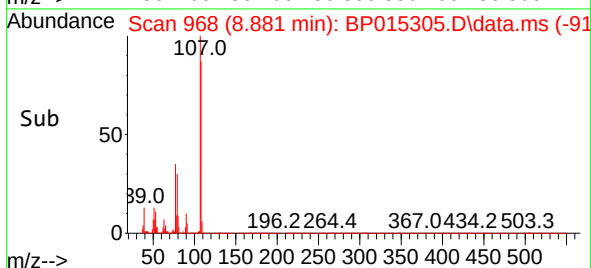
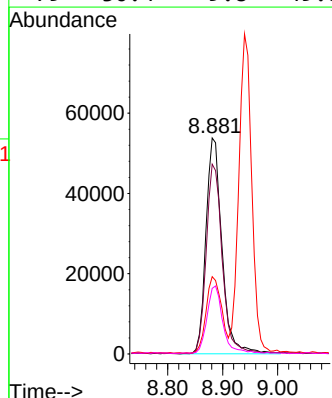
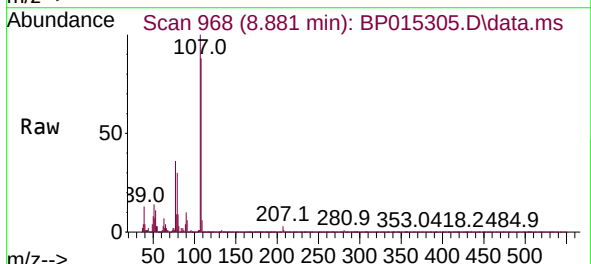
Ion Ratio Lower Upper

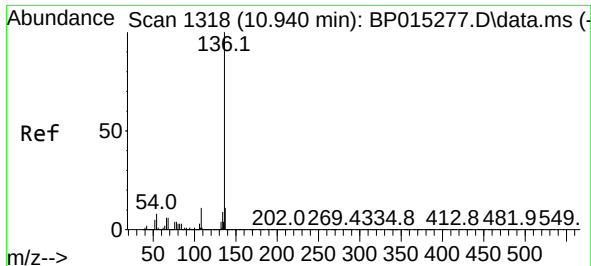
107 100

108 87.9 68.0 108.0

77 35.8 14.5 54.5

79 30.4 9.8 49.8





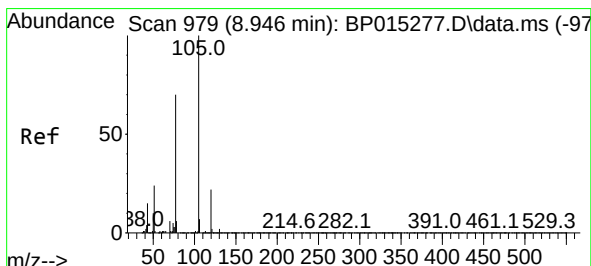
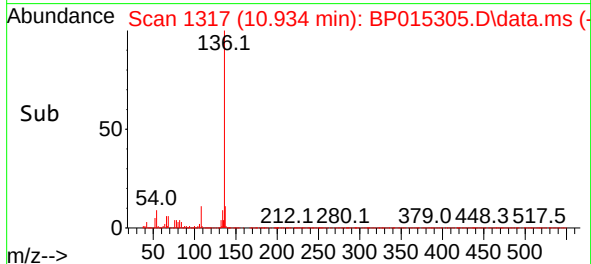
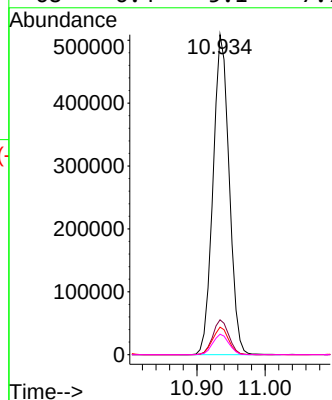
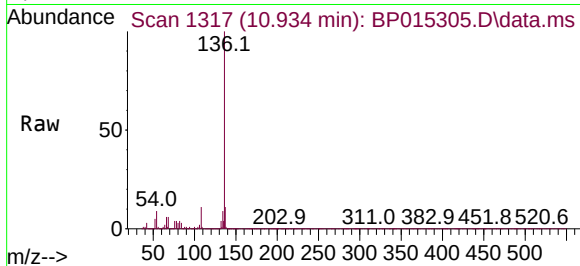
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:136 Resp: 83854
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.6 6.3 9.5
68 6.4 5.1 7.7

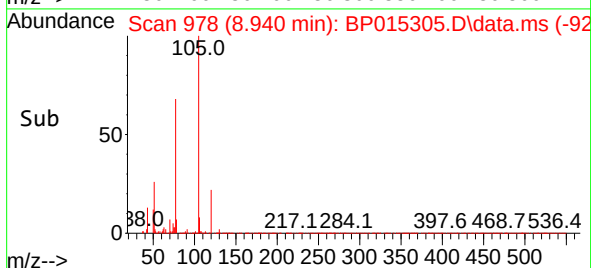
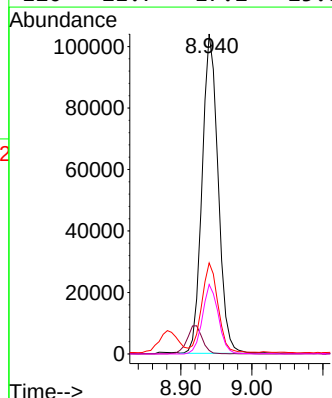
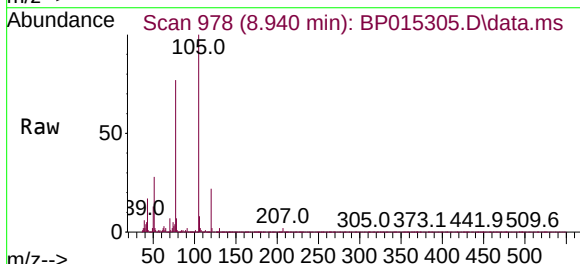
Manual Integrations
APPROVED

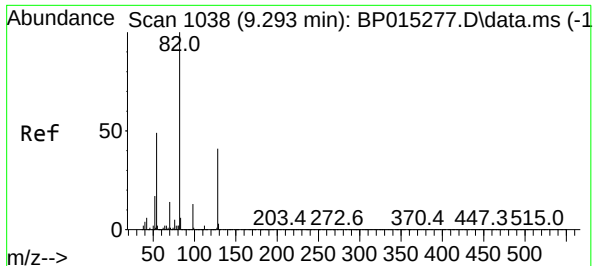
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 7.488 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

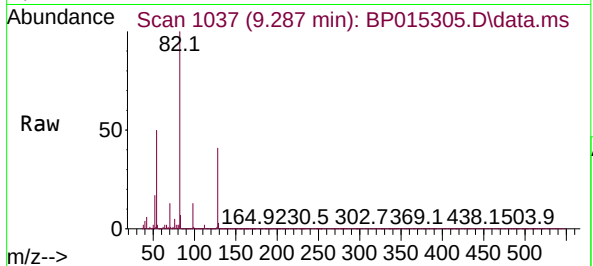
Tgt Ion:105 Resp: 163095
Ion Ratio Lower Upper
105 100
71 1.1 1.5 2.3#
51 28.5 22.5 33.7
120 21.7 17.2 25.8





#23
Nitrobenzene-d5
Concen: 70.520 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

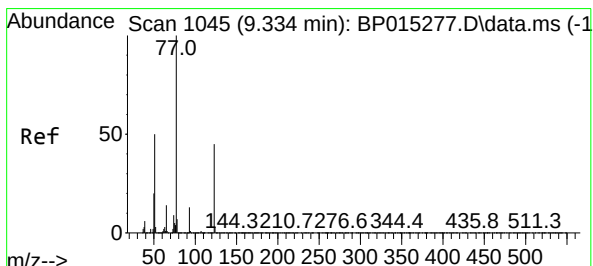
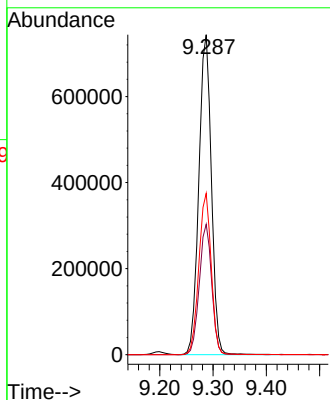
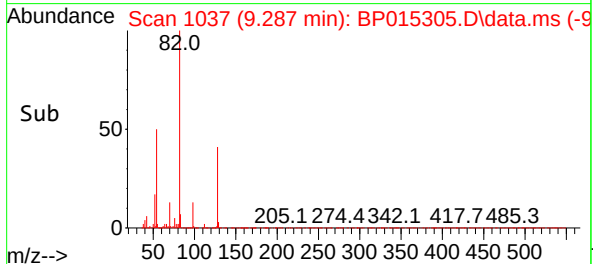
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 82 Resp: 121111
Ion Ratio Lower Upper
82 100
128 40.8 33.0 49.4
54 50.4 39.2 58.8

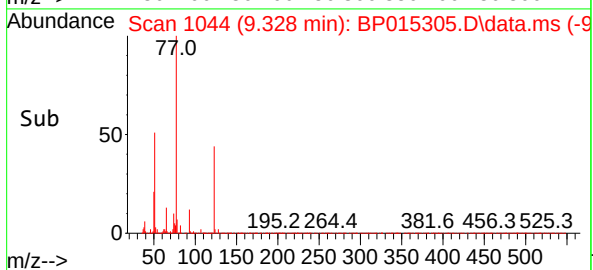
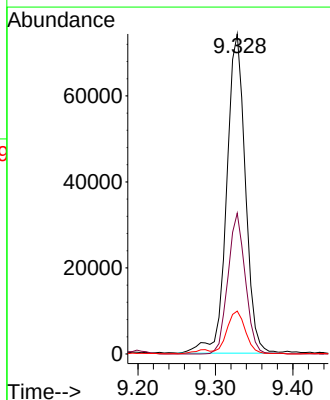
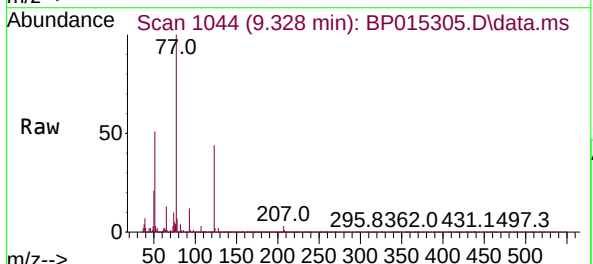
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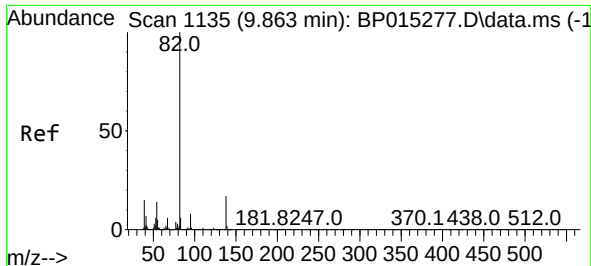
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#24
Nitrobenzene
Concen: 7.287 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 77 Resp: 124620
Ion Ratio Lower Upper
77 100
123 44.0 36.2 54.4
65 13.4 10.8 16.2





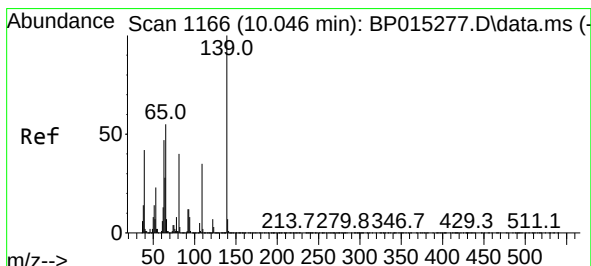
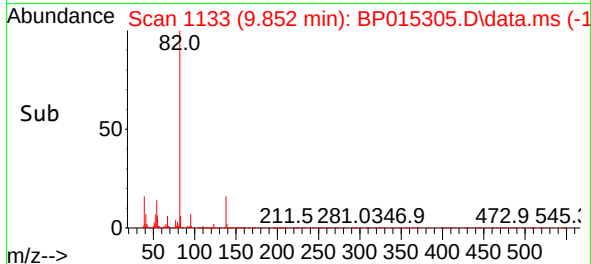
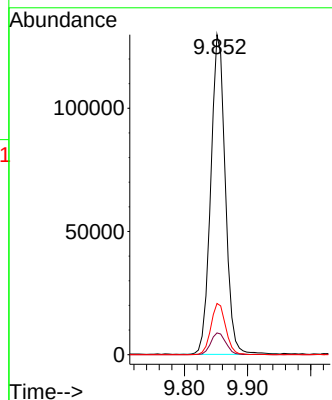
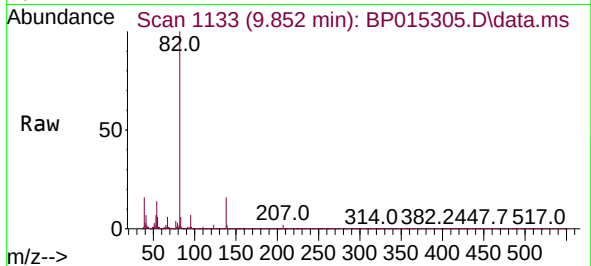
#25
Isophorone
Concen: 6.738 ng
RT: 9.852 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion: 82 Resp: 207650
Ion Ratio Lower Upper
82 100
95 6.8 6.3 9.5
138 16.0 13.6 20.4

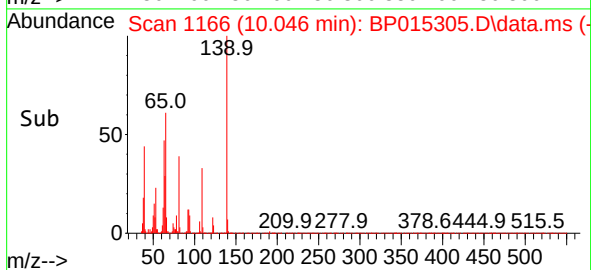
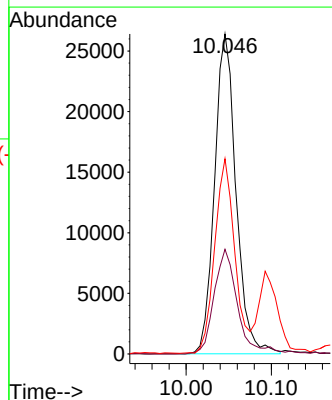
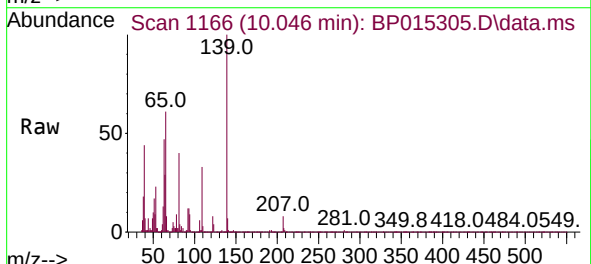
Manual Integrations
APPROVED

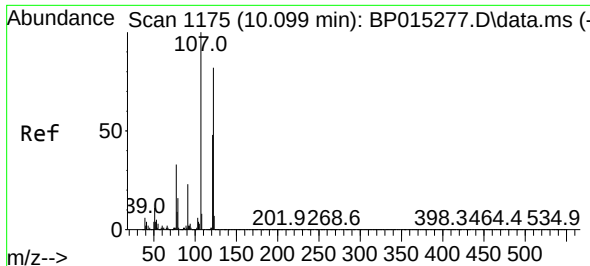
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#26
2-Nitrophenol
Concen: 6.151 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

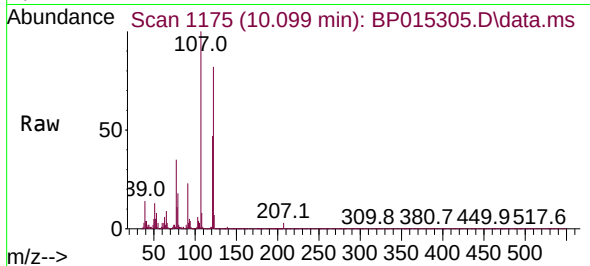
Tgt Ion:139 Resp: 46168
Ion Ratio Lower Upper
139 100
109 32.7 28.4 42.6
65 61.0 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 6.903 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

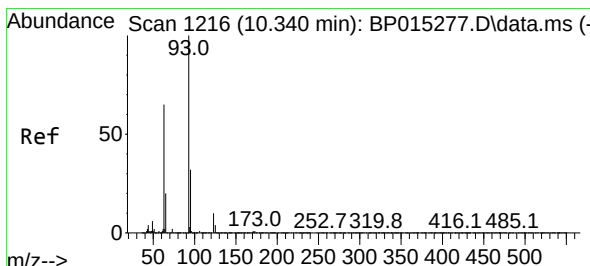
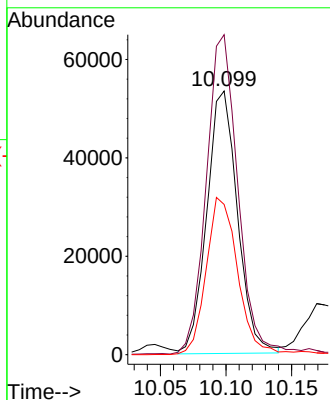
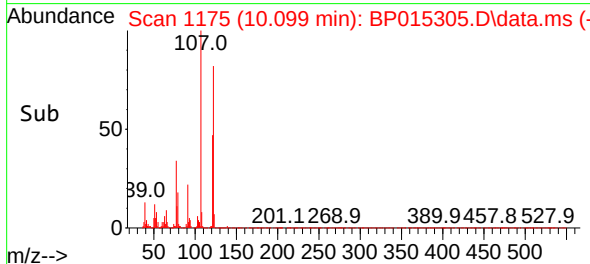
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



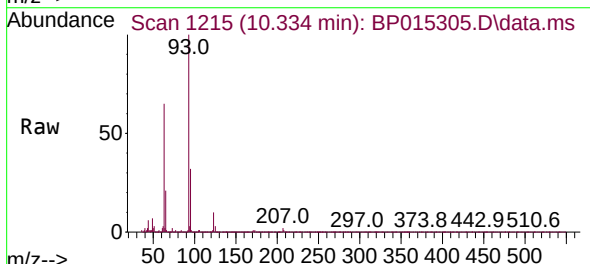
Tgt Ion:122 Resp: 86864
Ion Ratio Lower Upper
122 100
107 121.4 95.9 143.9
121 57.0 45.8 68.8

Manual Integrations
APPROVED

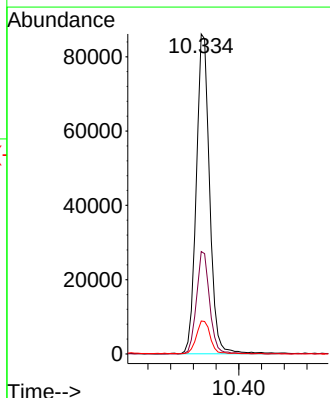
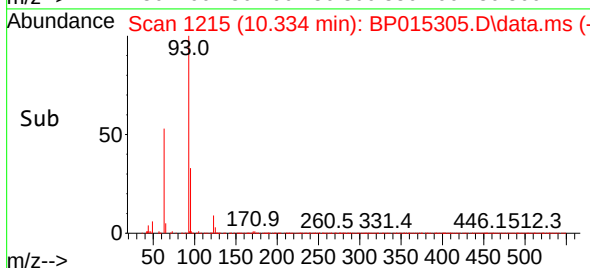
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

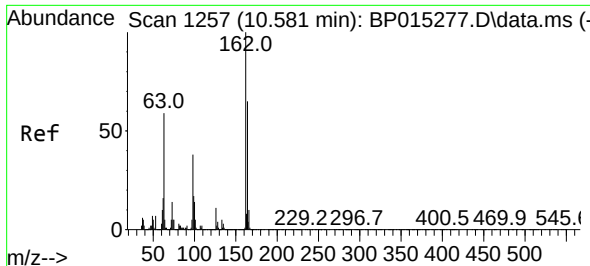


#28
bis(2-Chloroethoxy)methane
Concen: 7.382 ng
RT: 10.334 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



Tgt Ion: 93 Resp: 140221
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 10.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 6.561 ng

RT: 10.581 min Scan# 1257

Delta R.T. -0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

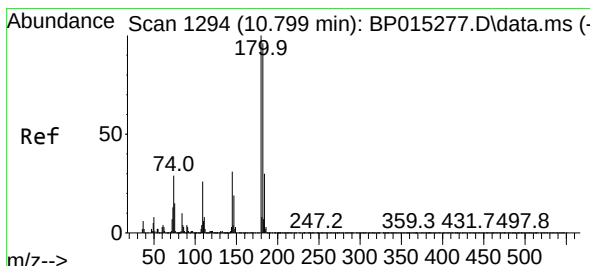
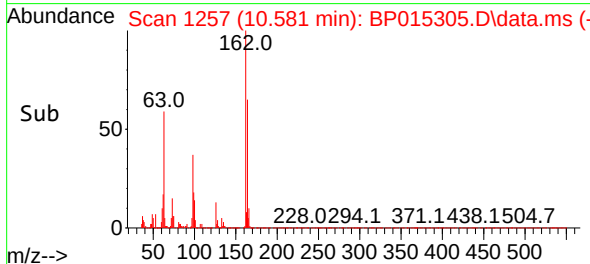
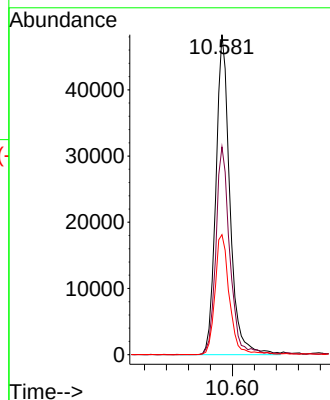
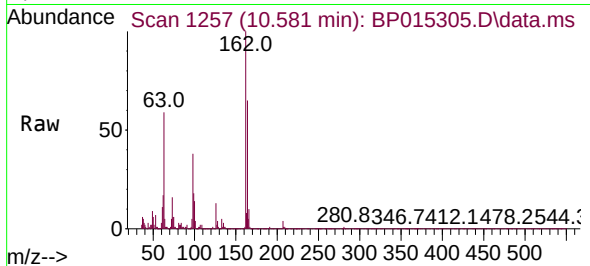
Tgt Ion:	162	Resp:	8560
Ion Ratio	Lower	Upper	
162	100		
164	65.0	45.4	85.4
98	37.5	17.9	57.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 7.303 ng

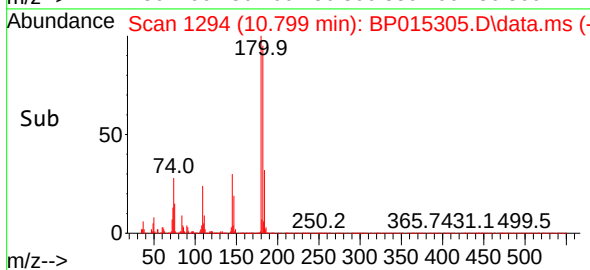
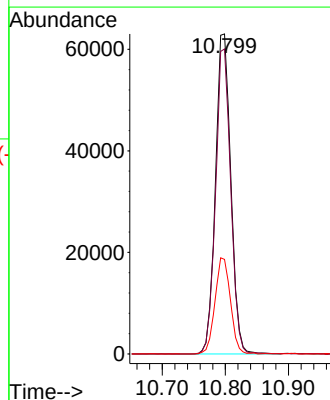
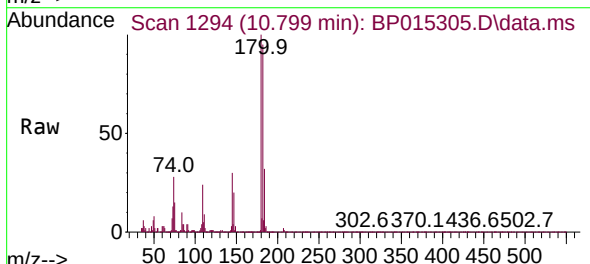
RT: 10.799 min Scan# 1294

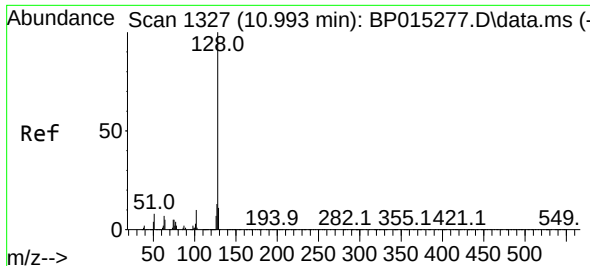
Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

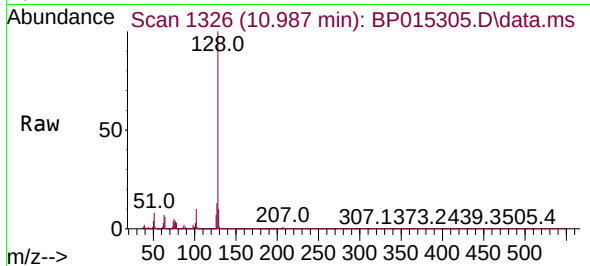
Tgt Ion:	180	Resp:	106290
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	115.0
145	29.5	24.9	37.3





#31
Naphthalene
Concen: 7.259 ng
RT: 10.987 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

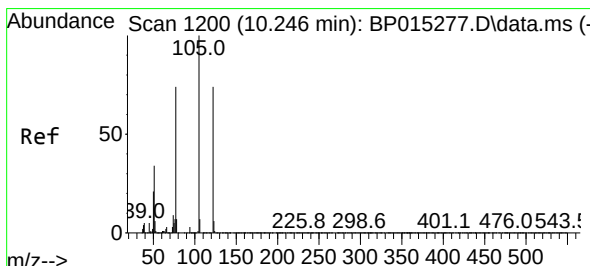
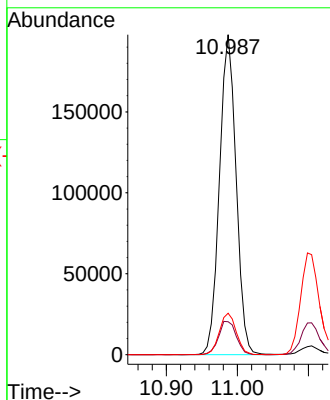
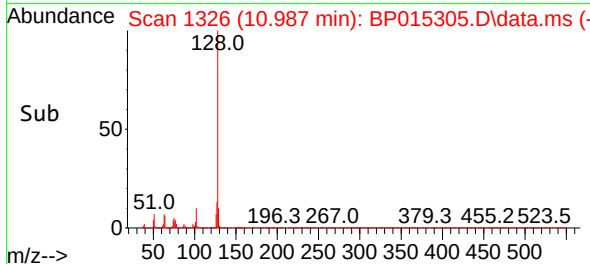
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



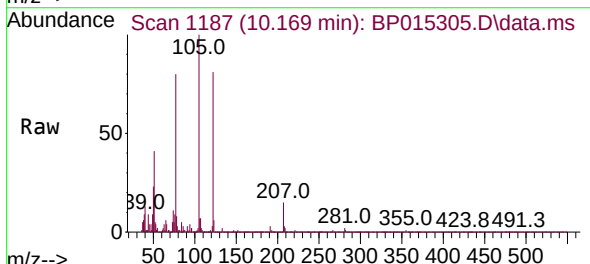
Tgt Ion:128 Resp: 320562
Ion Ratio Lower Upper
128 100
129 10.3 8.6 13.0
127 12.9 10.4 15.6

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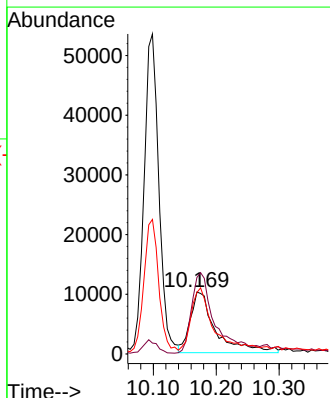
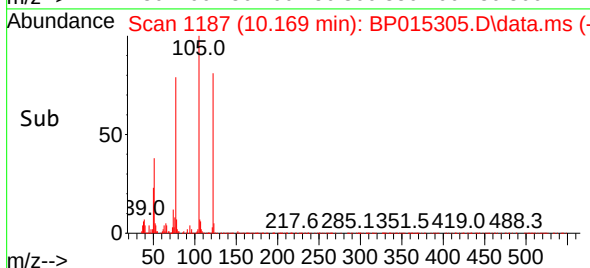
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

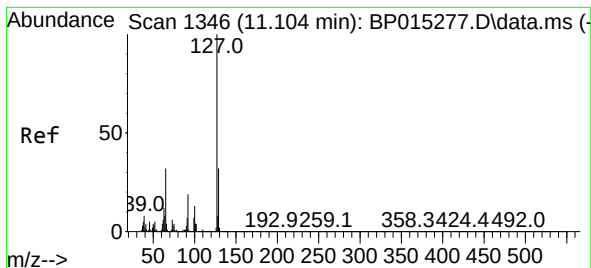


#32
Benzoic acid
Concen: 8.833 ng m
RT: 10.169 min Scan# 1187
Delta R.T. -0.077 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



Tgt Ion:122 Resp: 28600
Ion Ratio Lower Upper
122 100
105 123.7 109.5 149.5
77 99.4 78.2 118.2





#33

4-Chloroaniline

Concen: 6.628 ng

RT: 11.099 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

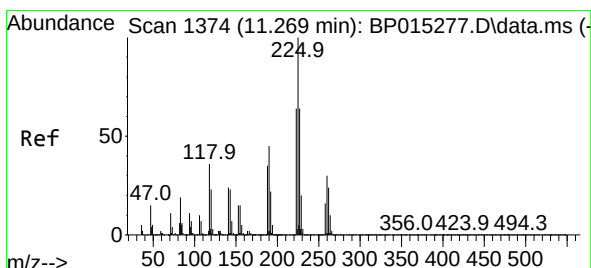
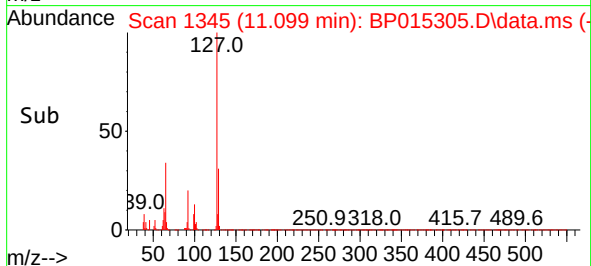
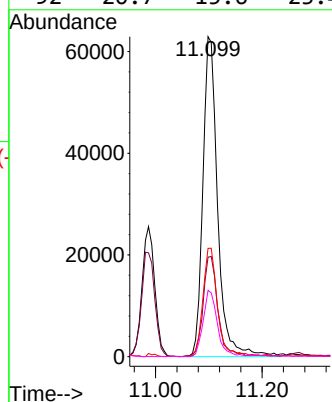
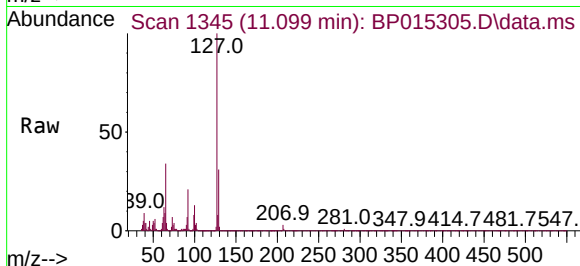
MDL-WATER-03-QT2-2023

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.5	38.3
65	33.8	25.3	37.9
92	20.7	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#34

Hexachlorobutadiene

Concen: 7.048 ng

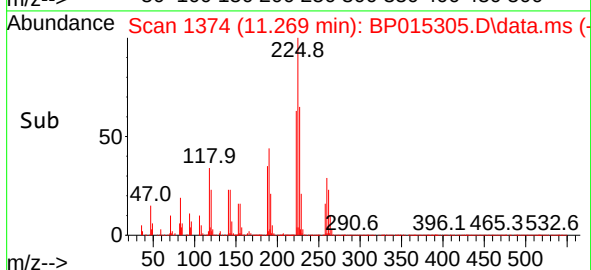
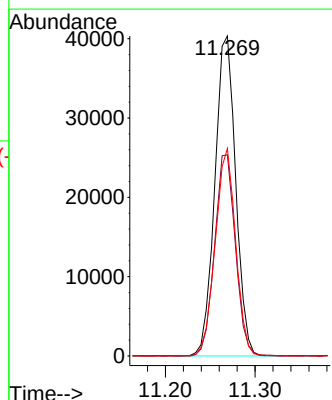
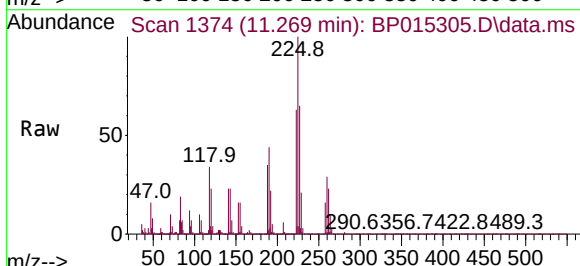
RT: 11.269 min Scan# 1374

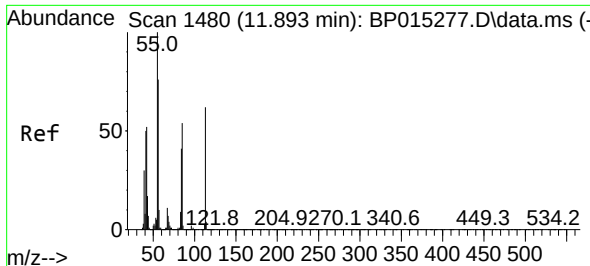
Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

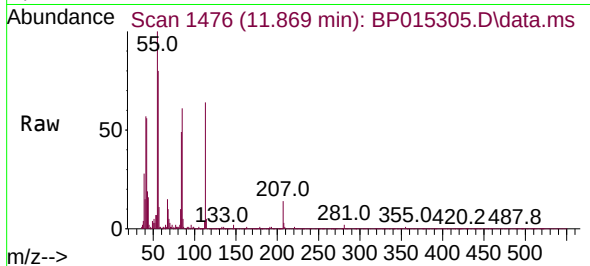
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	51.0	76.4
227	64.9	51.4	77.2





#35
Caprolactam
Concen: 5.500 ng m
RT: 11.869 min Scan# 14
Delta R.T. -0.024 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

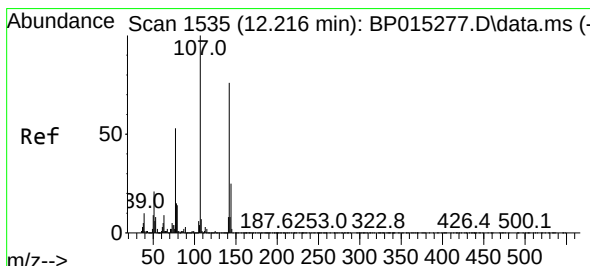
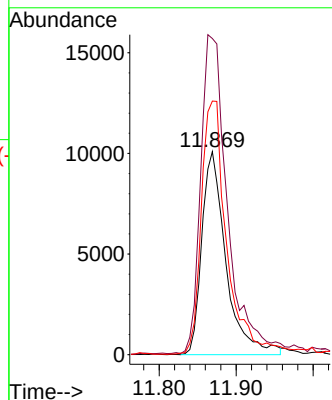
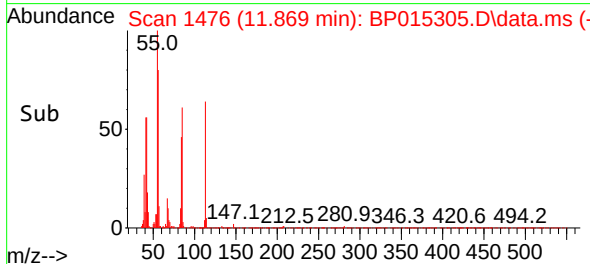
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:113 Resp: 2203
Ion Ratio Lower Upper
113 100
55 155.7 141.4 181.4
56 124.9 102.5 142.5

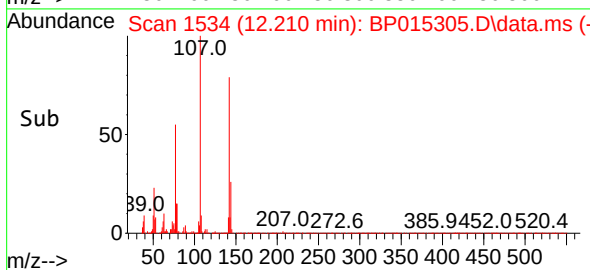
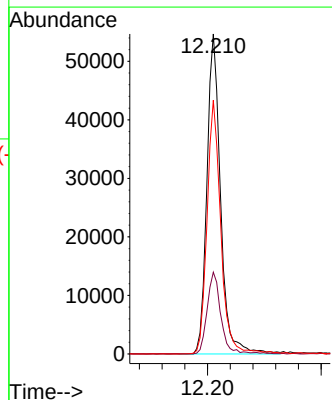
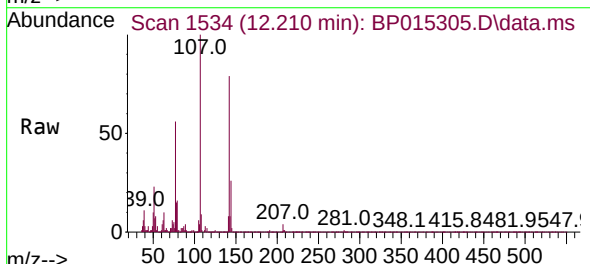
Manual Integrations
APPROVED

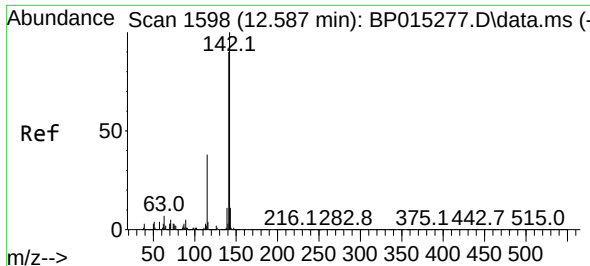
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#36
4-Chloro-3-methylphenol
Concen: 6.399 ng
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

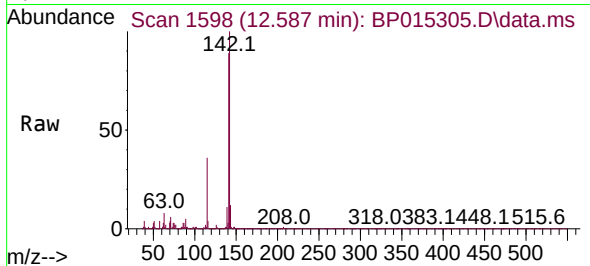
Tgt Ion:107 Resp: 90775
Ion Ratio Lower Upper
107 100
144 25.5 19.8 29.6
142 79.3 61.0 91.4





#37
2-Methylnaphthalene
Concen: 6.952 ng
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

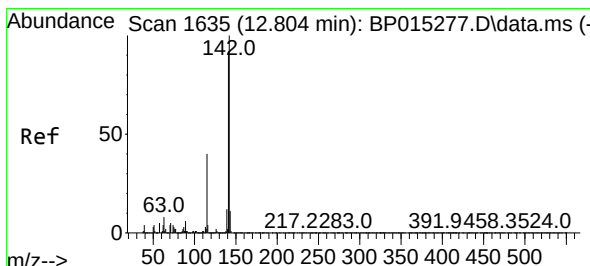
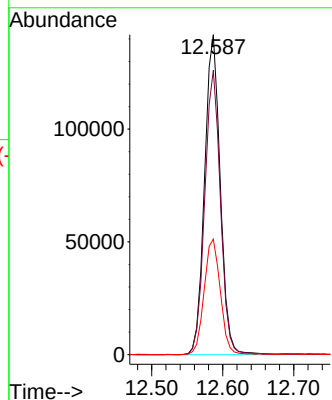
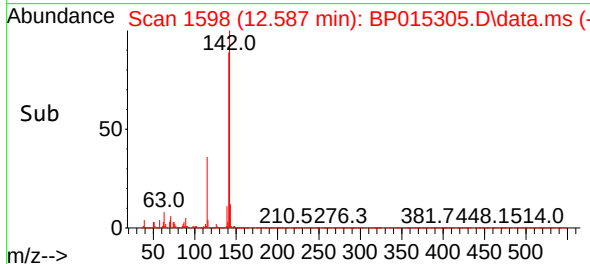
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023



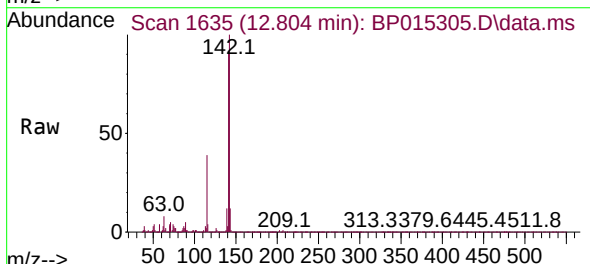
Tgt Ion:142 Resp: 21820
Ion Ratio Lower Upper
142 100
141 88.9 72.0 108.0
115 36.1 30.6 46.0

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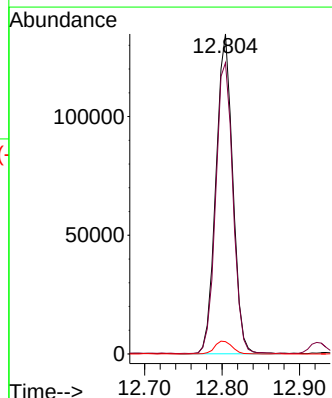
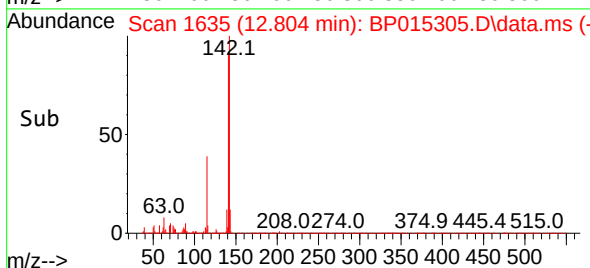
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

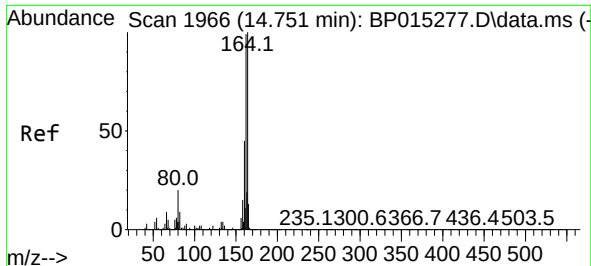


#38
1-Methylnaphthalene
Concen: 6.936 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



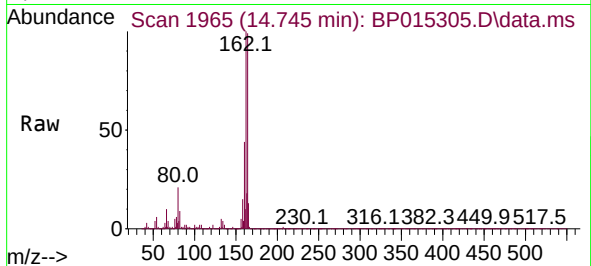
Tgt Ion:142 Resp: 203122
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 3.9 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

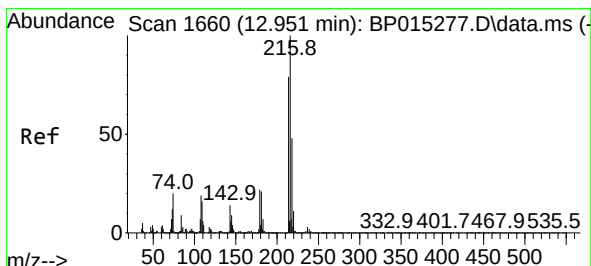
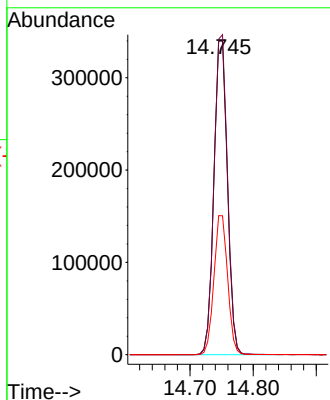
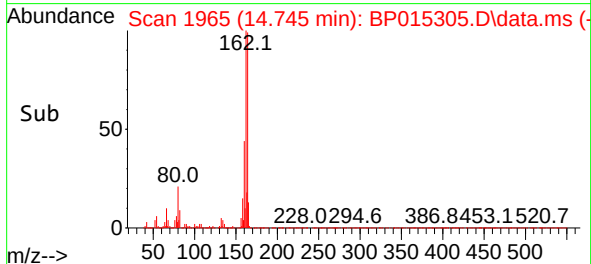
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



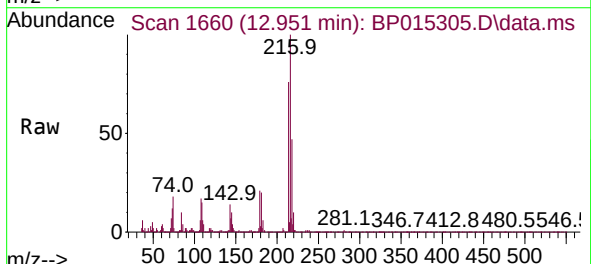
Tgt Ion:164 Resp: 50592
Ion Ratio Lower Upper
164 100
162 100.5 79.4 119.2
160 44.3 35.6 53.4

Manual Integrations
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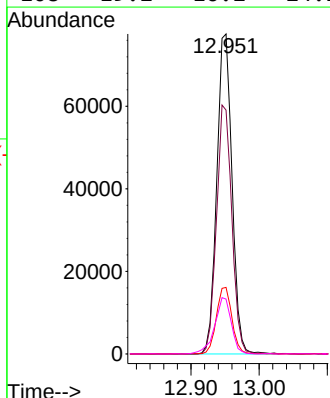
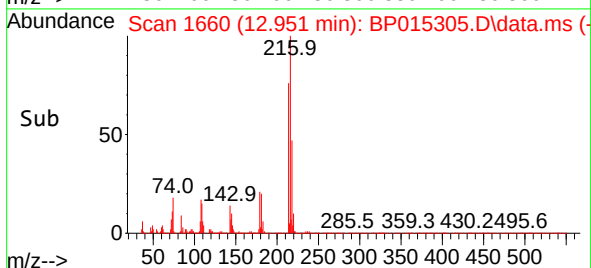
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

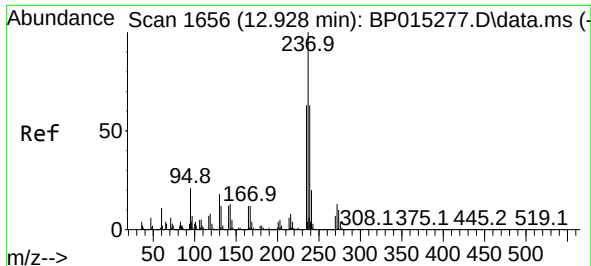


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.264 ng
RT: 12.951 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



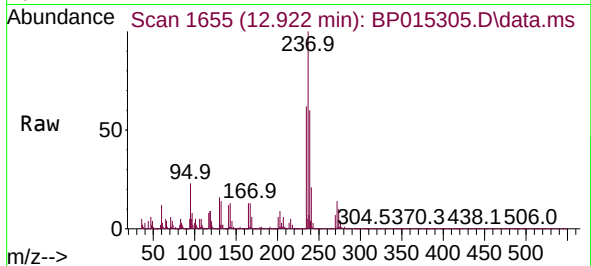
Tgt Ion:216 Resp: 120592
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.3 17.3 25.9
108 19.2 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 6.528 ng
RT: 12.922 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

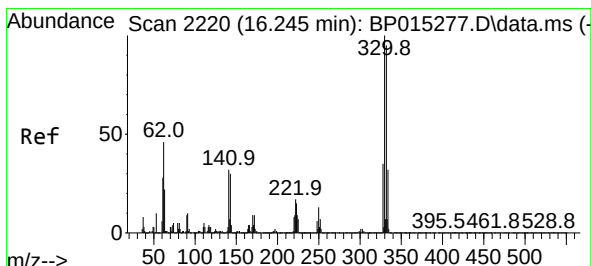
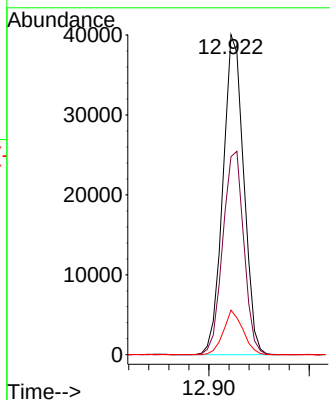
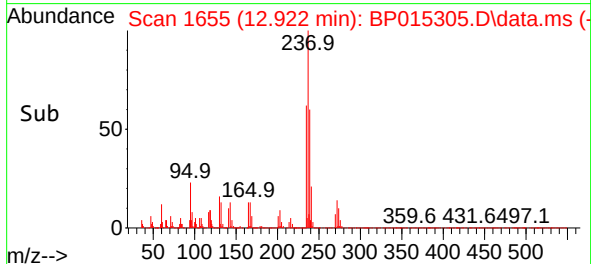
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 237 Resp: 5740
Ion Ratio Lower Upper
237 100
235 61.9 43.2 83.2
272 13.9 0.0 32.7

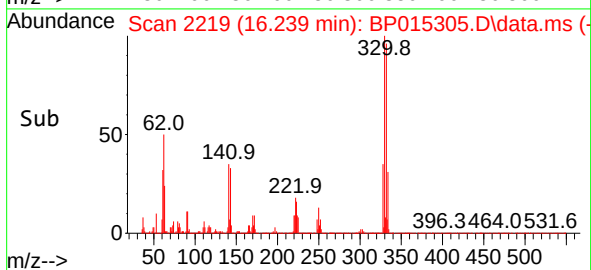
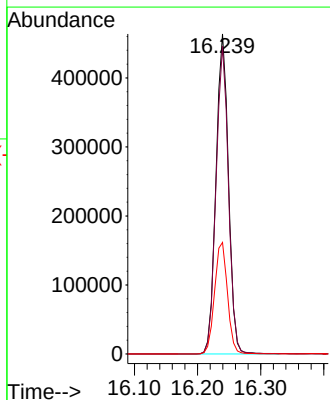
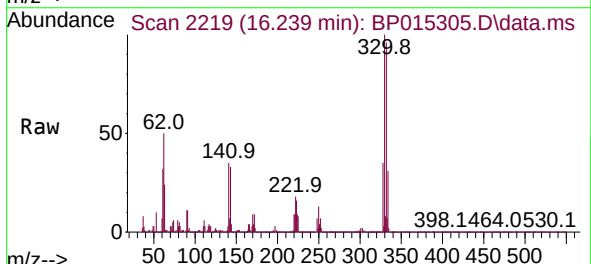
Manual Integrations
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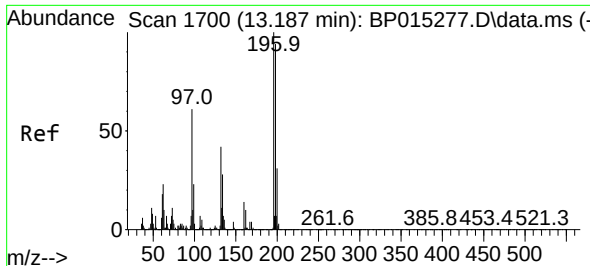
Reviewed By : Christian Giraldo 05/30/2023
Supervised By : Jagrut Upadhyay 05/31/2023



#42
2,4,6-Tribromophenol
Concen: 92.821 ng
RT: 16.239 min Scan# 2219
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

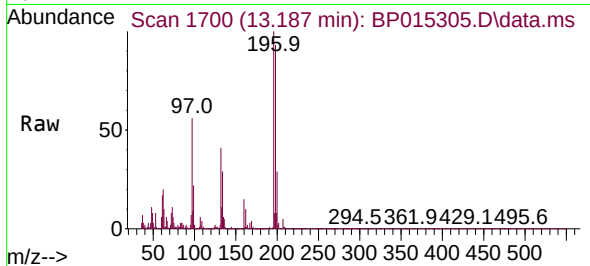
Tgt Ion: 330 Resp: 638161
Ion Ratio Lower Upper
330 100
332 95.9 76.3 114.5
141 36.0 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 6.326 ng
RT: 13.187 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

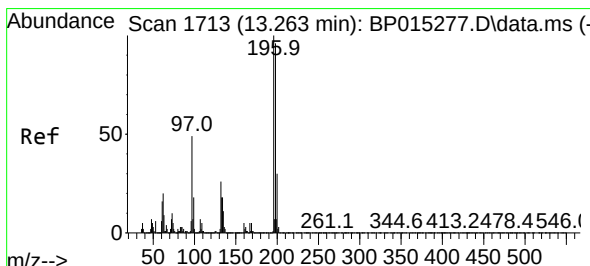
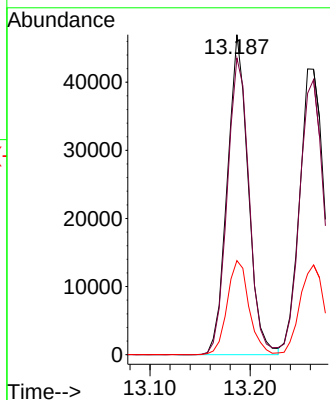
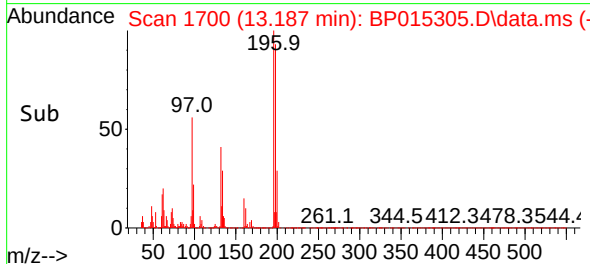
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



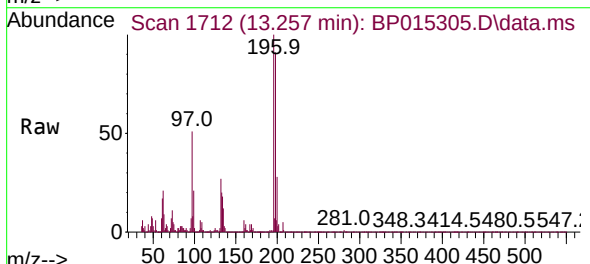
Tgt Ion:196 Resp: 6816
Ion Ratio Lower Upper
196 100
198 92.7 75.0 112.4
200 29.4 24.4 36.6

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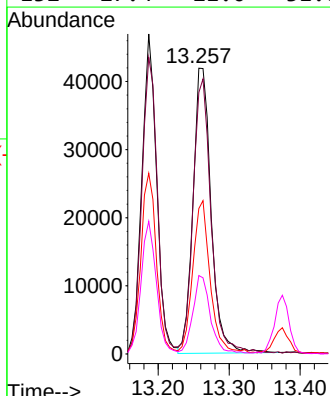
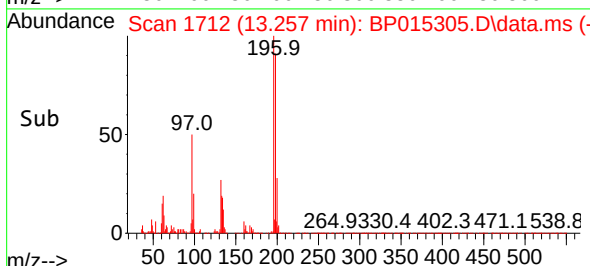
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

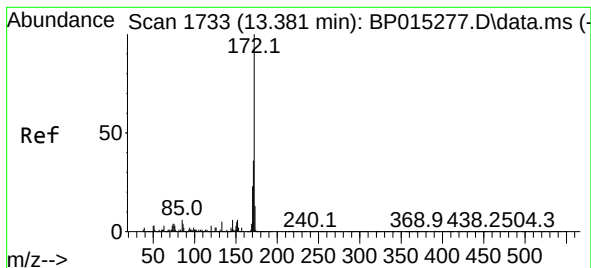


#44
2,4,5-Trichlorophenol
Concen: 5.878 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



Tgt Ion:196 Resp: 74457
Ion Ratio Lower Upper
196 100
198 91.5 76.8 115.2
97 50.9 39.3 58.9
132 27.4 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 68.602 ng

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

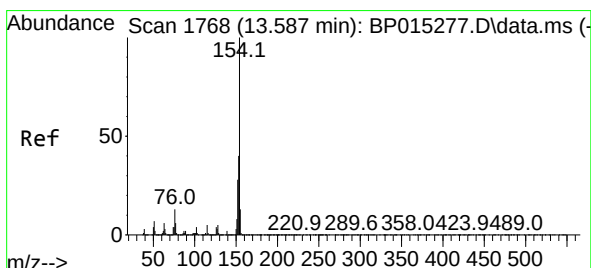
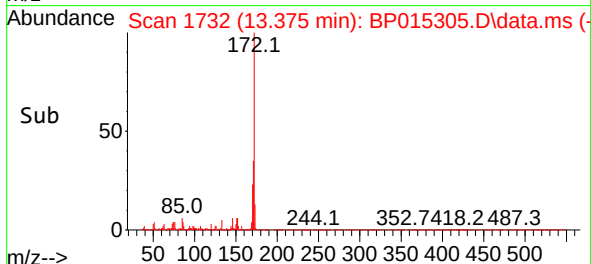
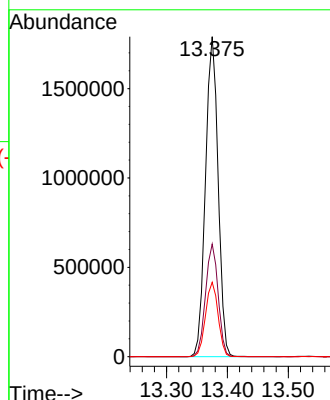
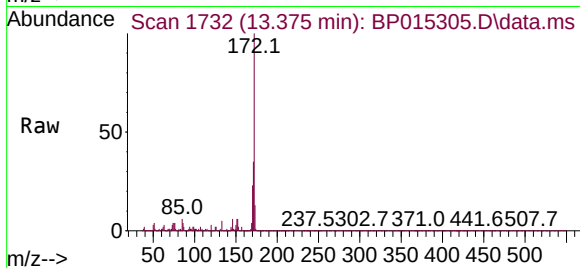
Tgt Ion:172 Resp: 258517

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.4	42.6
170	23.3	18.7	28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#46

1,1'-Biphenyl

Concen: 7.383 ng

RT: 13.587 min Scan# 1768

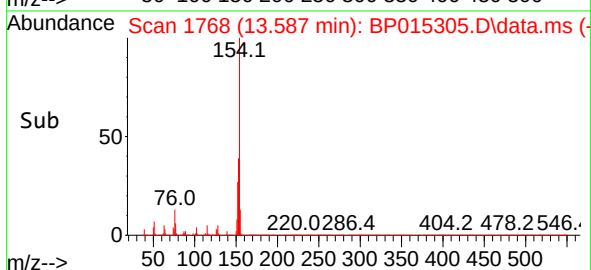
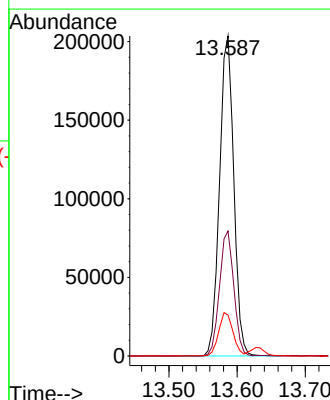
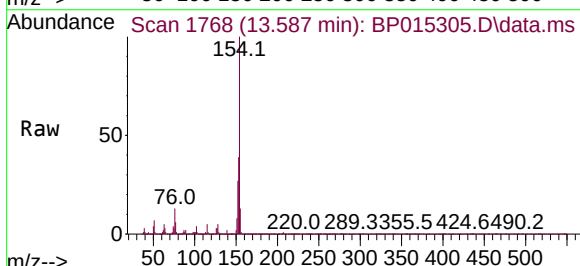
Delta R.T. 0.000 min

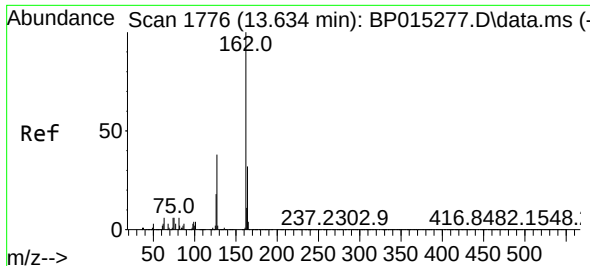
Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:154 Resp: 295955

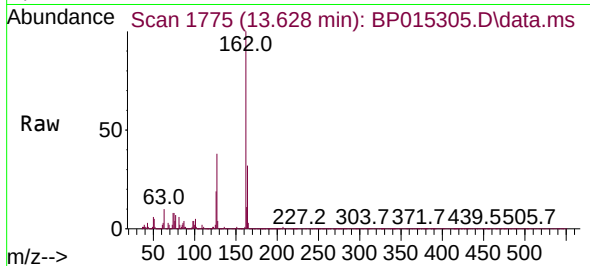
Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.3	60.3
76	12.8	0.0	33.1





#47
2-Chloronaphthalene
Concen: 7.307 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

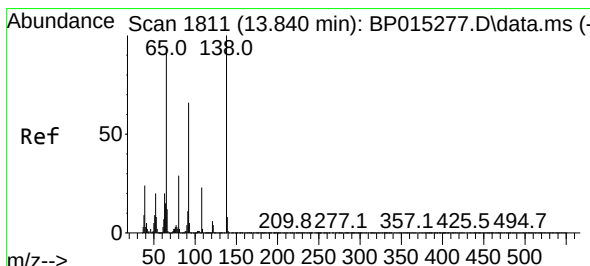
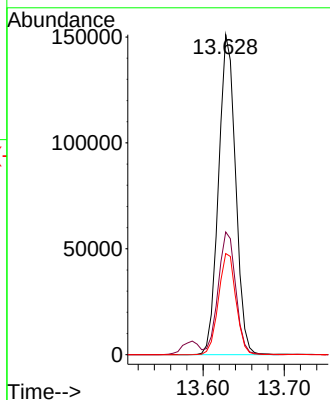
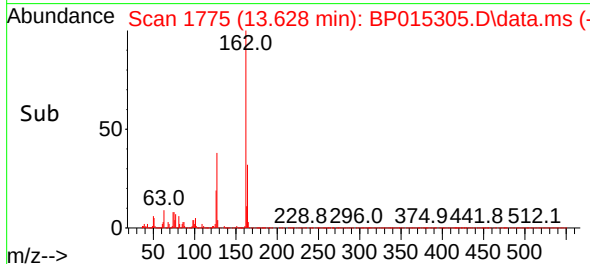
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:162 Resp: 220950
Ion Ratio Lower Upper
162 100
127 38.4 31.7 47.5
164 31.6 25.8 38.8

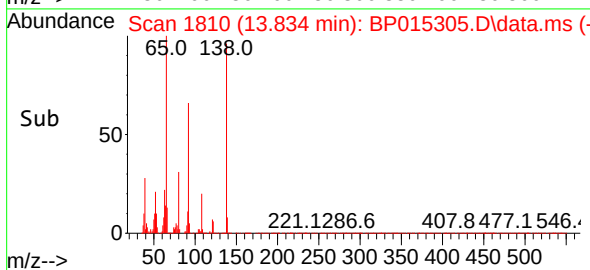
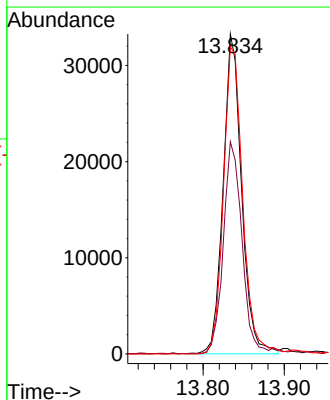
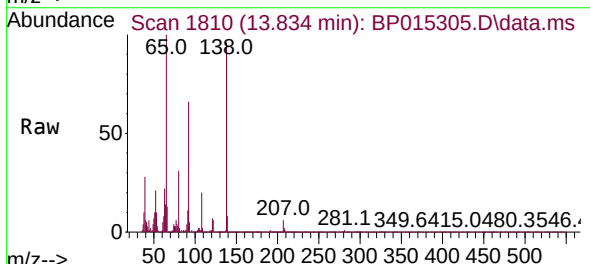
Manual Integrations
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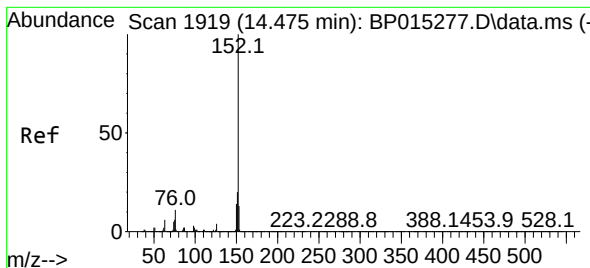
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#48
2-Nitroaniline
Concen: 5.690 ng
RT: 13.834 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 65 Resp: 52560
Ion Ratio Lower Upper
65 100
92 66.3 56.5 84.7
138 96.0 85.7 128.5





#49

Acenaphthylene

Concen: 6.756 ng

RT: 14.475 min Scan# 1919

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

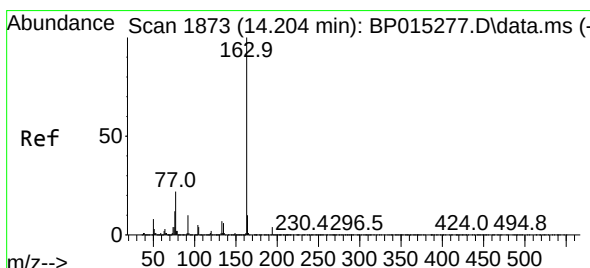
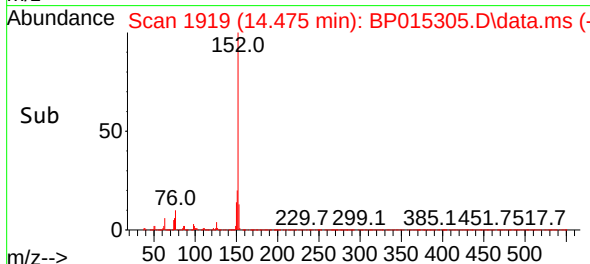
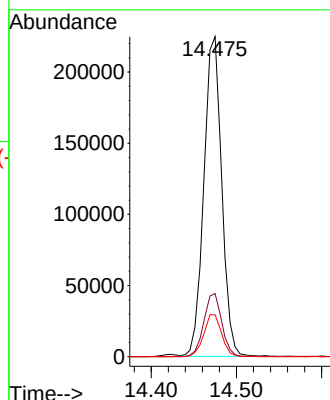
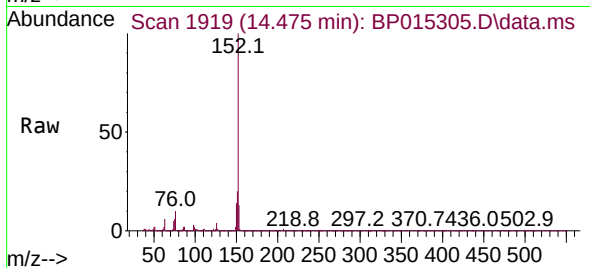
MDL-WATER-03-QT2-2023

Tgt Ion:	152	Resp:	32687
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	16.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#50

Dimethylphthalate

Concen: 6.597 ng

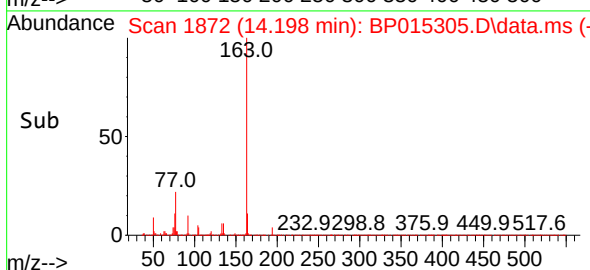
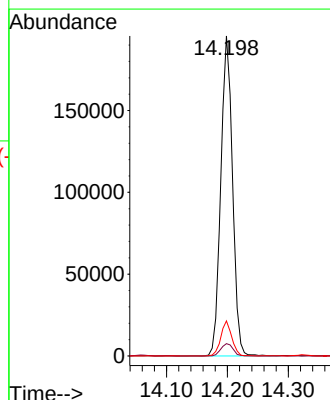
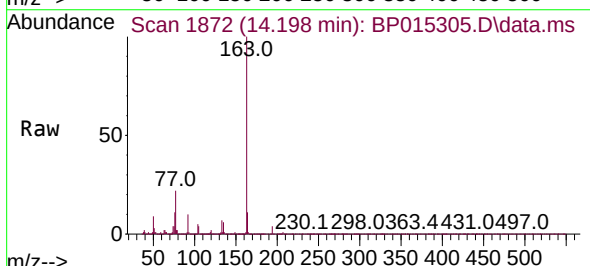
RT: 14.198 min Scan# 1872

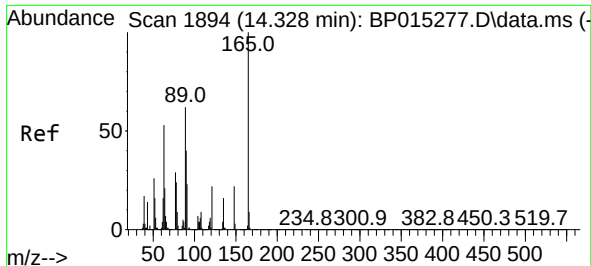
Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

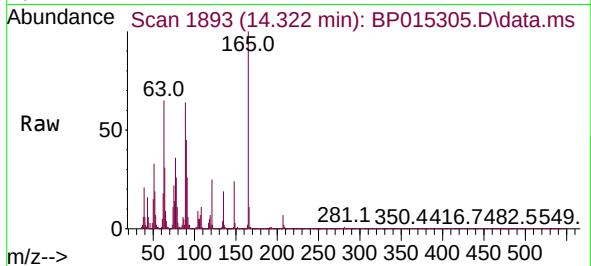
Tgt Ion:	163	Resp:	261121
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.2	4.8
164	11.0	8.2	12.4





#51
2,6-Dinitrotoluene
Concen: 6.022 ng
RT: 14.322 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

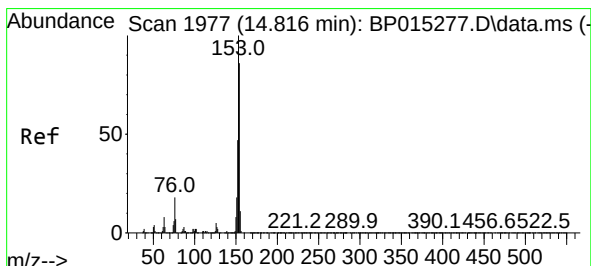
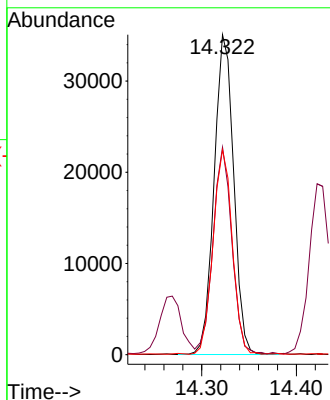
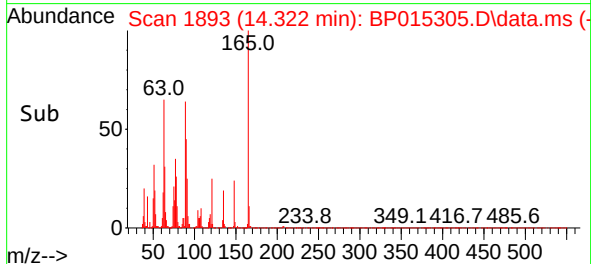
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:165 Resp: 5032
Ion Ratio Lower Upper
165 100
63 64.9 46.6 70.0
89 64.1 49.7 74.5

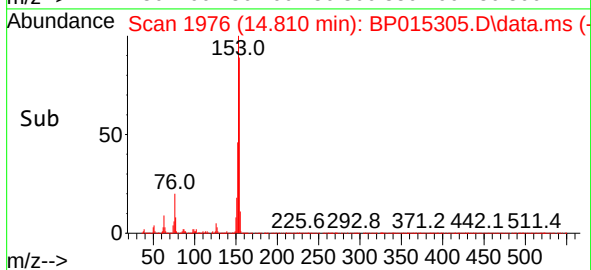
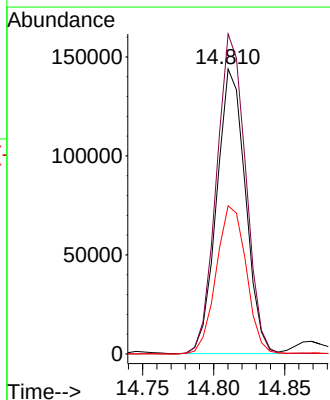
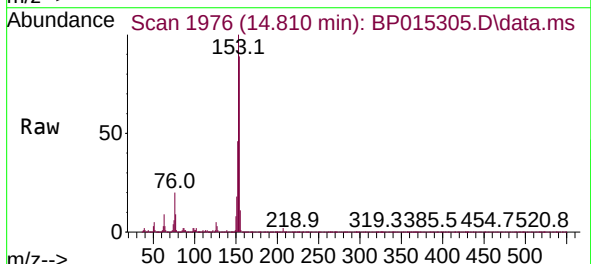
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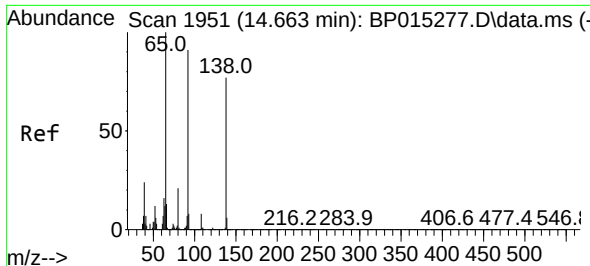
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#52
Acenaphthene
Concen: 7.040 ng
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:154 Resp: 202868
Ion Ratio Lower Upper
154 100
153 112.3 92.8 139.2
152 52.0 44.0 66.0





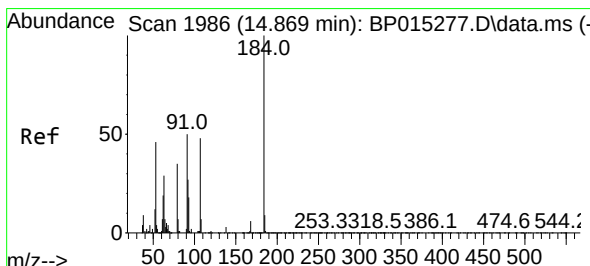
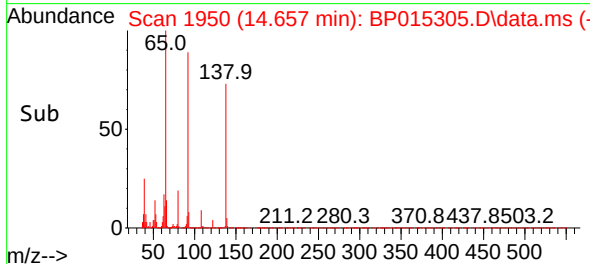
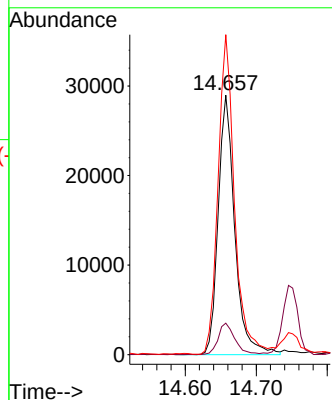
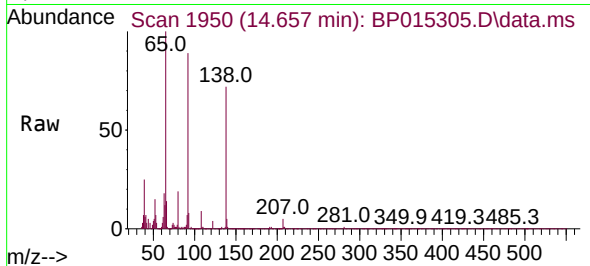
#53
3-Nitroaniline
Concen: 5.494 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:138 Resp: 4692
Ion Ratio Lower Upper
138 100
108 12.1 8.6 13.0
92 123.3 94.0 141.0

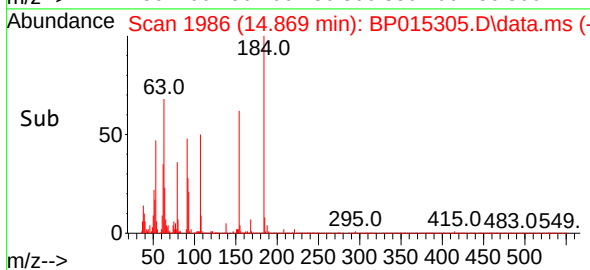
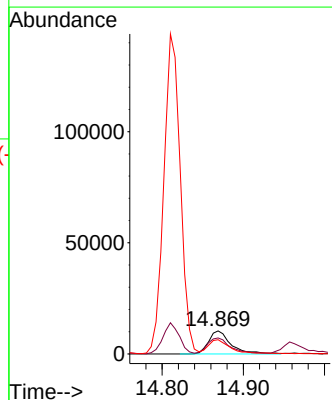
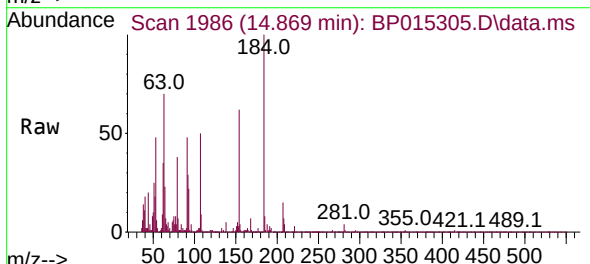
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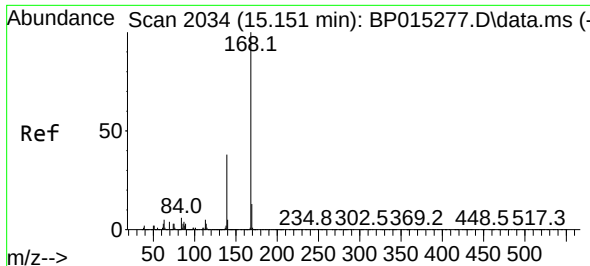
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#54
2,4-Dinitrophenol
Concen: 8.457 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

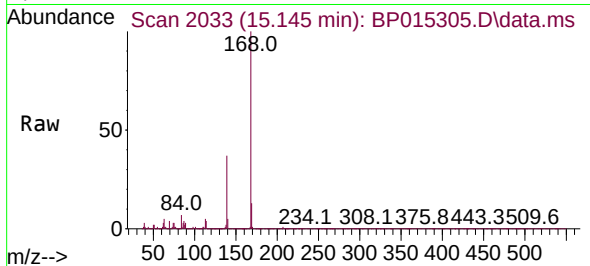
Tgt Ion:184 Resp: 19663
Ion Ratio Lower Upper
184 100
63 69.6 56.2 84.4
154 62.0 53.2 79.8





#55
Dibenzenofuran
Concen: 6.969 ng
RT: 15.145 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

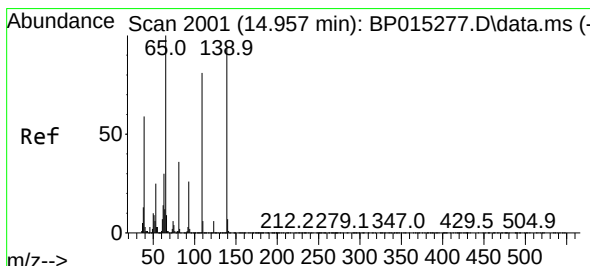
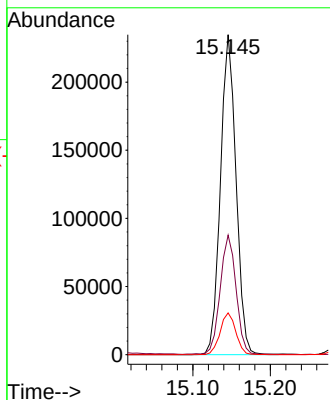
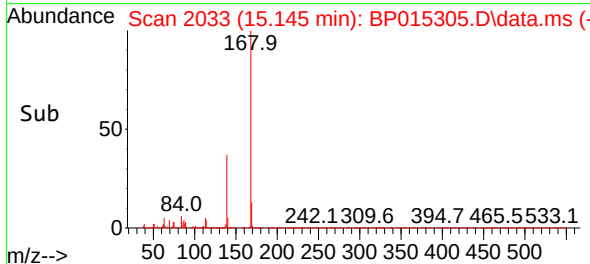
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023



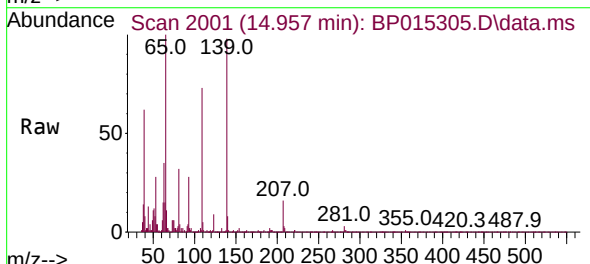
Tgt Ion:168 Resp: 32854
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.1 10.6 15.8

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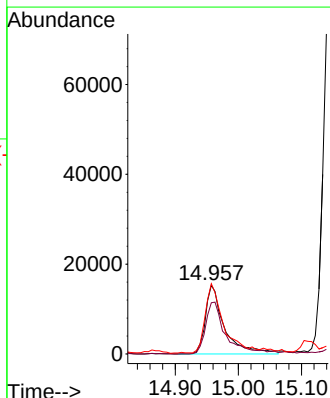
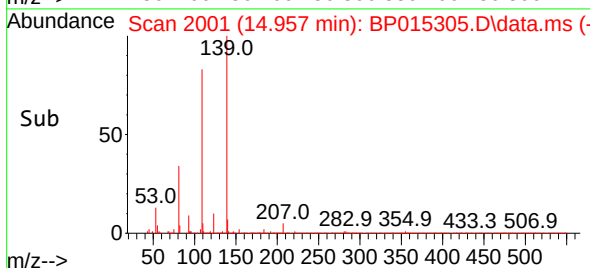
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

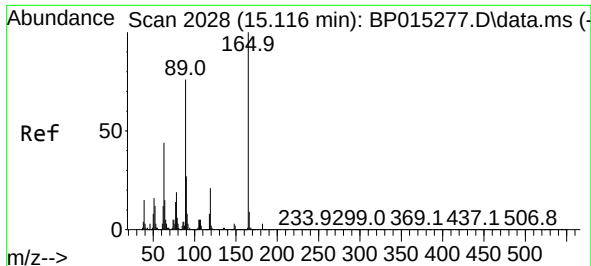


#56
4-Nitrophenol
Concen: 7.514 ng
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19



Tgt Ion:139 Resp: 32027
Ion Ratio Lower Upper
139 100
109 74.5 66.5 106.5
65 102.3 86.6 126.6





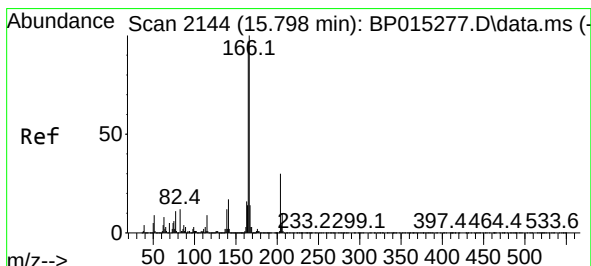
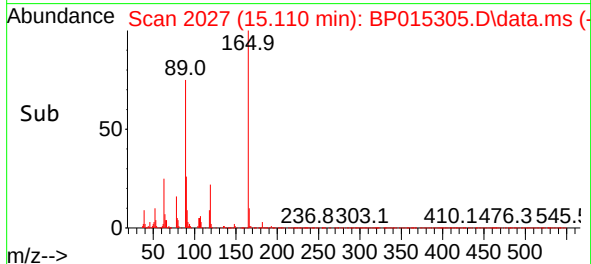
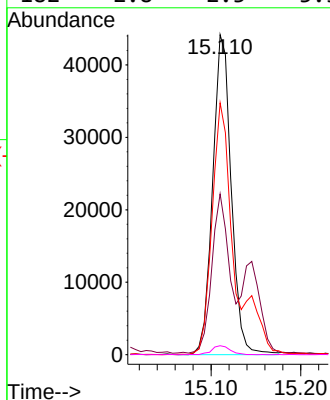
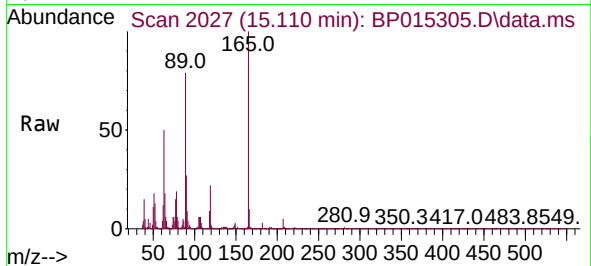
#57
2,4-Dinitrotoluene
Concen: 5.772 ng
RT: 15.110 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:165 Resp: 63420
Ion Ratio Lower Upper
165 100
63 50.3 35.7 53.5
89 78.7 60.8 91.2
182 2.8 2.3 3.5

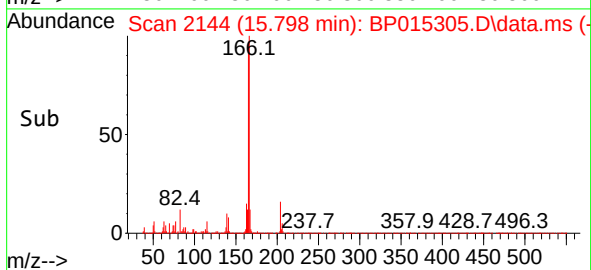
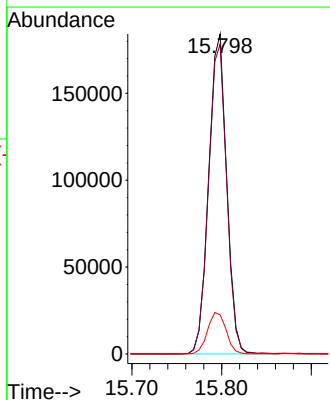
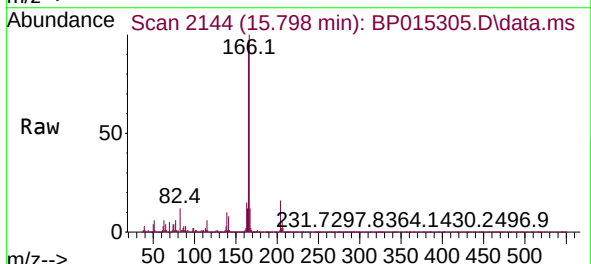
Manual Integrations
APPROVED

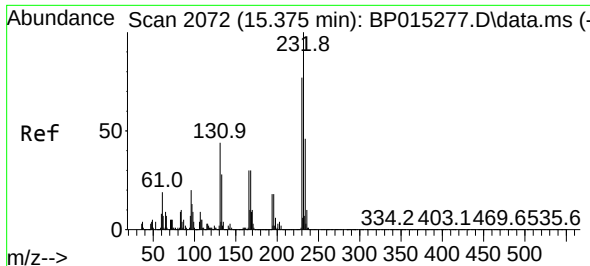
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#58
Fluorene
Concen: 7.025 ng
RT: 15.798 min Scan# 2144
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:166 Resp: 255784
Ion Ratio Lower Upper
166 100
165 96.9 77.5 116.3
167 12.3 10.9 16.3





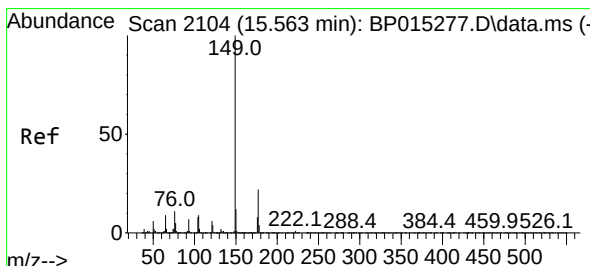
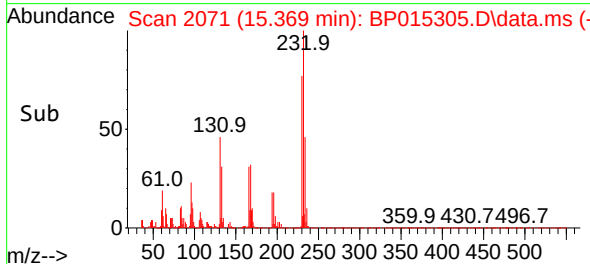
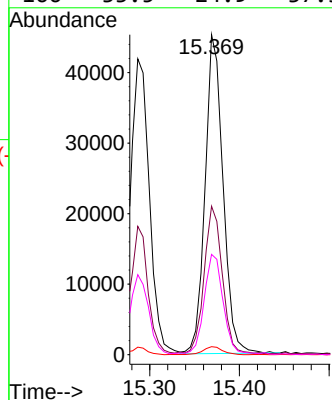
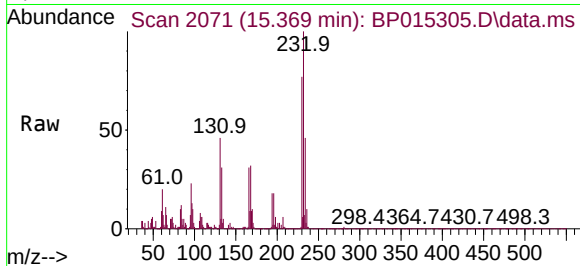
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.208 ng
RT: 15.369 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:232 Resp: 6289
Ion Ratio Lower Upper
232 100
131 46.8 36.2 54.2
130 2.7 2.0 3.0
166 33.5 24.9 37.3

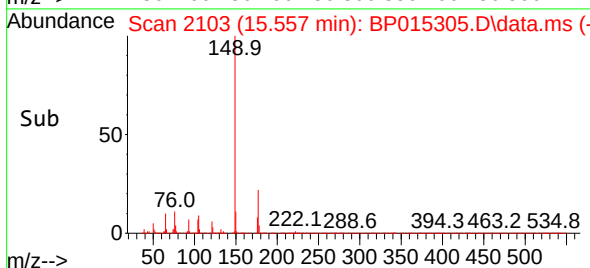
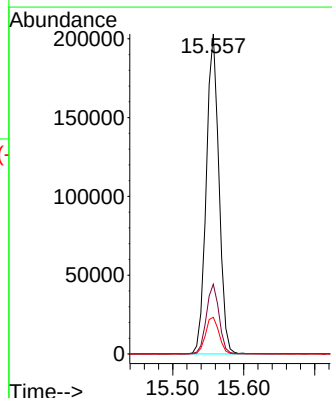
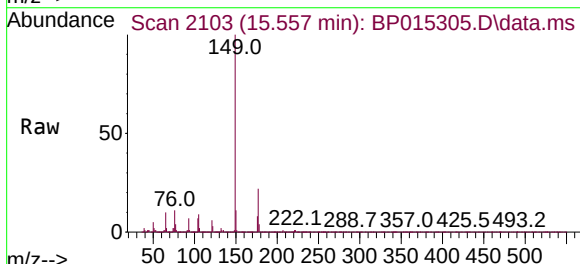
Manual Integrations
APPROVED

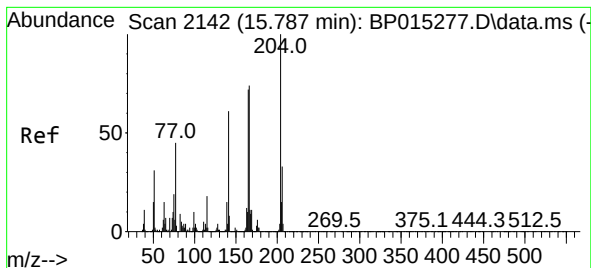
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#60
Diethylphthalate
Concen: 6.393 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

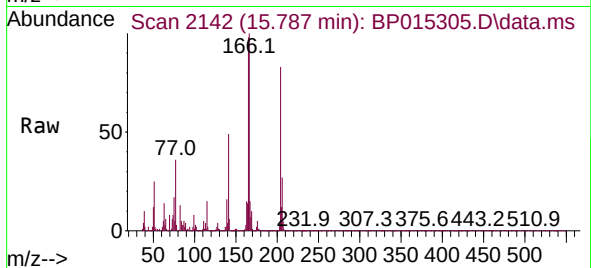
Tgt Ion:149 Resp: 252076
Ion Ratio Lower Upper
149 100
177 21.8 17.7 26.5
150 11.4 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 6.893 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

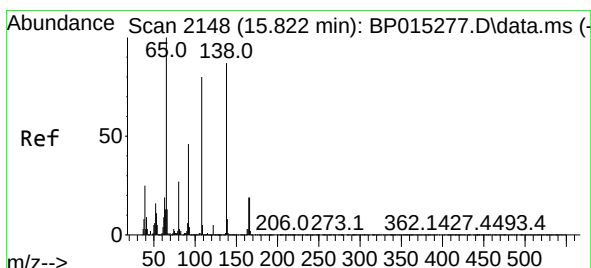
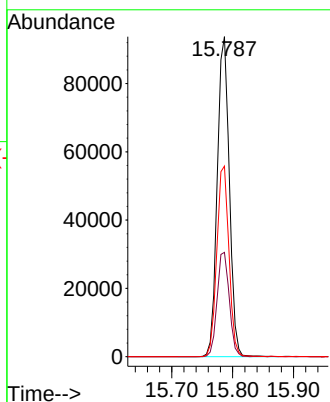
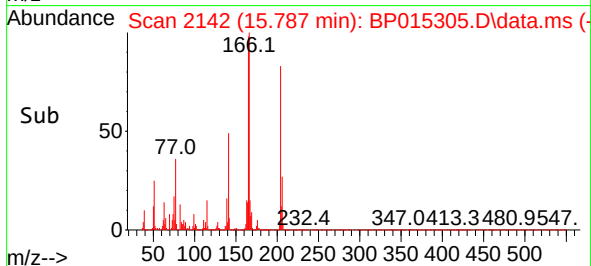
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion: 204 Resp: 12851
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 59.6 49.0 73.4

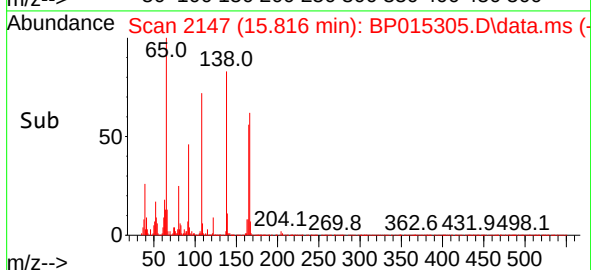
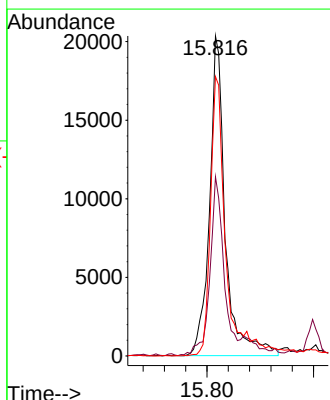
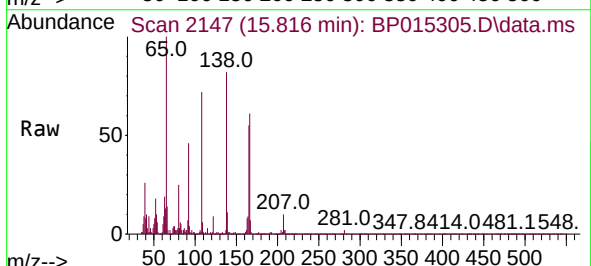
Manual Integrations
APPROVED

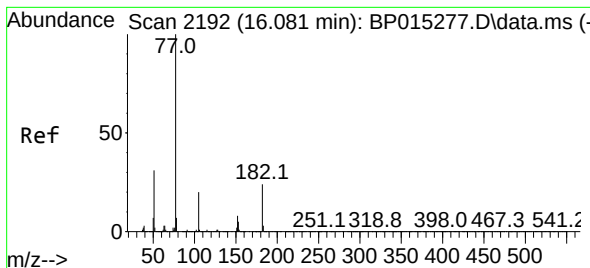
Reviewed By : Christian Giraldo 05/30/2023
Supervised By : Jagrut Upadhyay 05/31/2023



#62
4-Nitroaniline
Concen: 6.655 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion: 138 Resp: 41961
Ion Ratio Lower Upper
138 100
92 56.0 33.1 73.1
108 87.3 71.0 111.0





#63

Azobenzene

Concen: 6.530 ng

RT: 16.081 min Scan# 2192

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

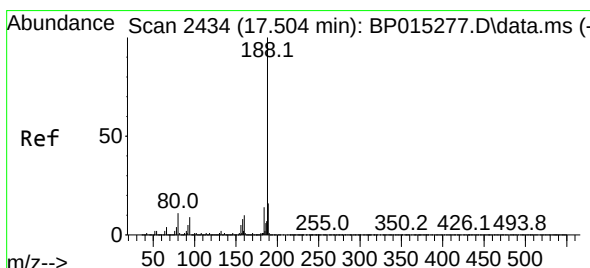
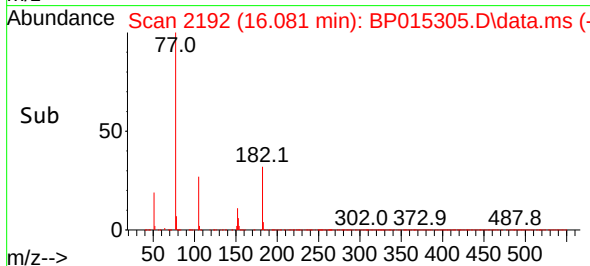
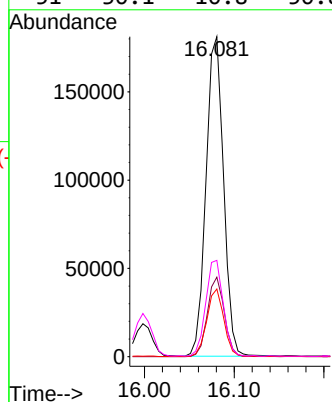
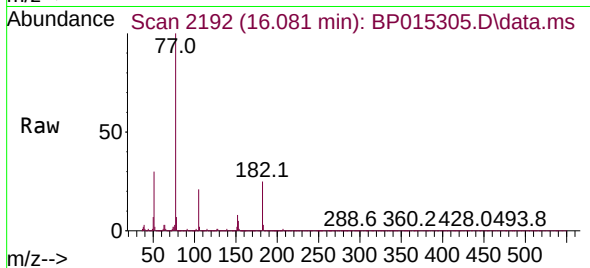
ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion: 77	Resp: 24563
Ion Ratio	Lower Upper
77 100	
182 24.9	3.9 43.9
105 21.1	0.3 40.3
51 30.1	10.8 50.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#64

Phenanthrene-d10

Concen: 20.000 ng

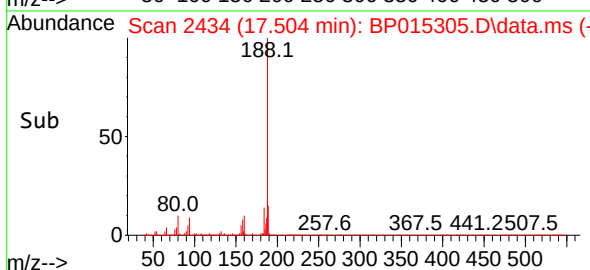
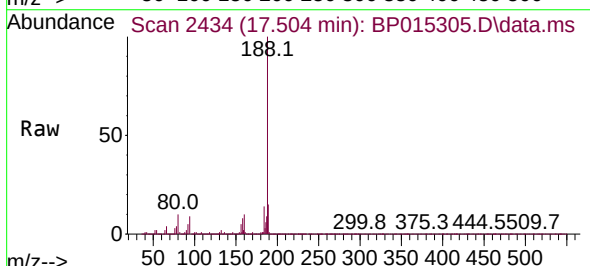
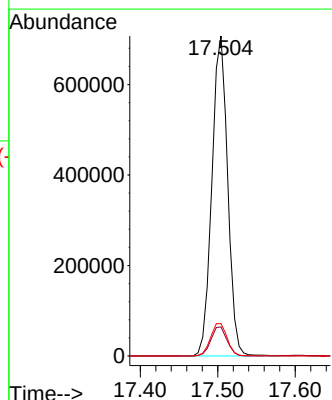
RT: 17.504 min Scan# 2434

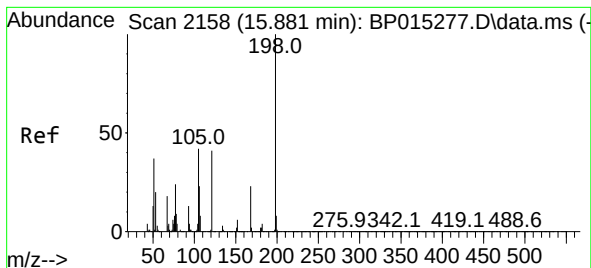
Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:188	Resp: 1003084
Ion Ratio	Lower Upper
188 100	
94 9.1	7.4 11.0
80 10.1	8.6 13.0





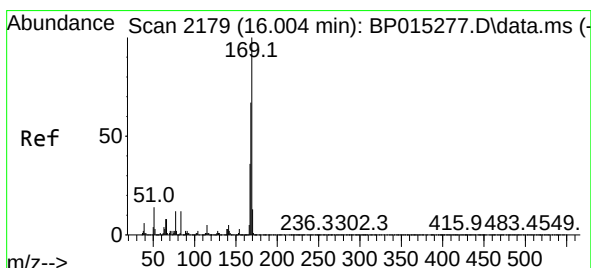
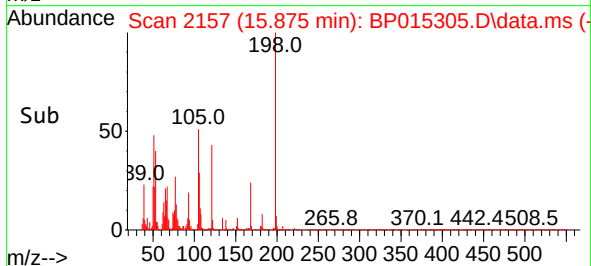
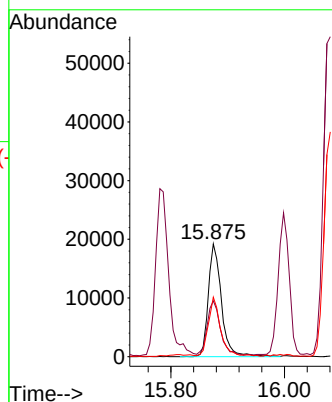
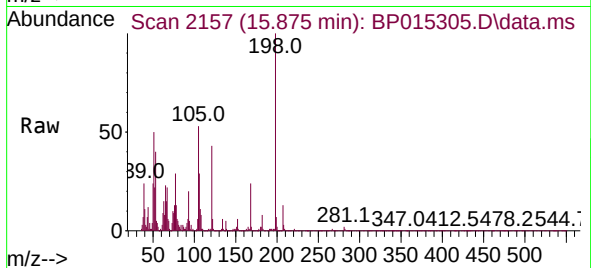
#65
4,6-Dinitro-2-methylphenol
Concen: 5.031 ng
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion:198 Resp: 3065
Ion Ratio Lower Upper
198 100
51 49.6 25.4 65.4
105 52.8 23.3 63.3

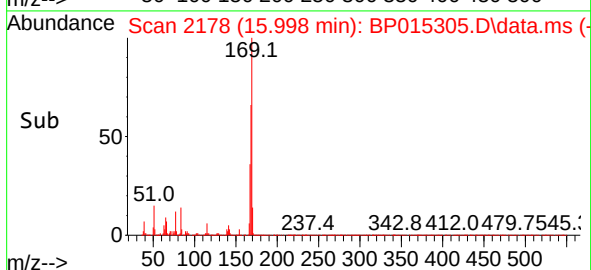
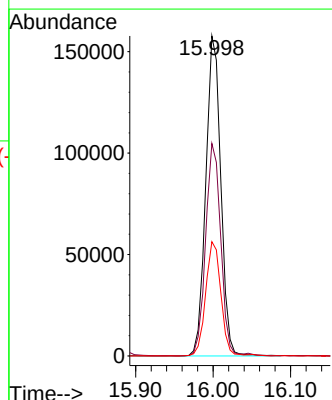
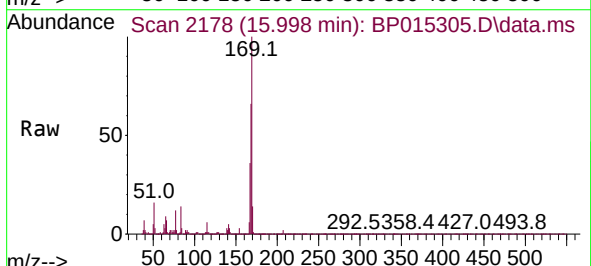
Manual Integrations
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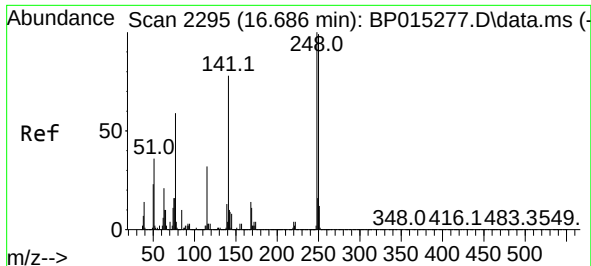
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#66
n-Nitrosodiphenylamine
Concen: 7.096 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:169 Resp: 212094
Ion Ratio Lower Upper
169 100
168 66.4 53.4 80.2
167 35.7 29.0 43.6





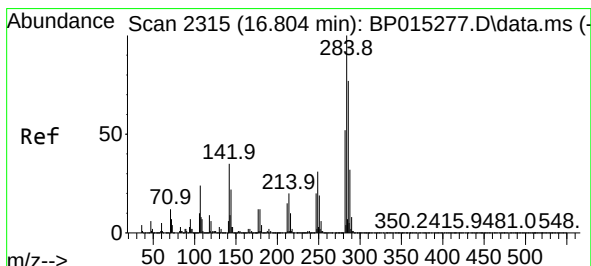
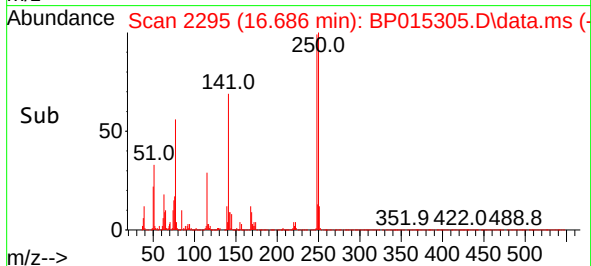
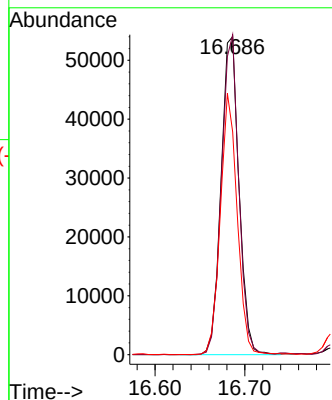
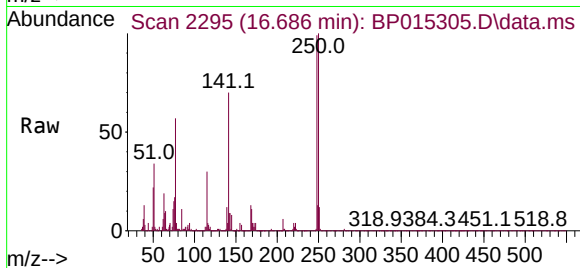
#67
4-Bromophenyl-phenylether
Concen: 6.897 ng
RT: 16.686 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023

Tgt Ion:248 Resp: 74800
Ion Ratio Lower Upper
248 100
250 100.6 79.0 118.4
141 70.0 62.4 93.6

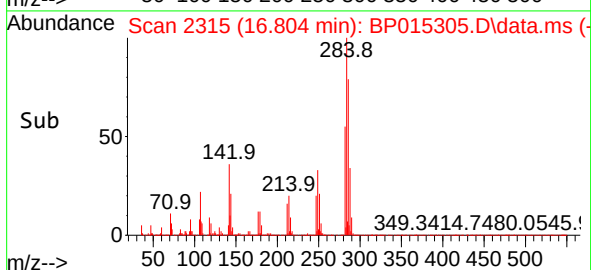
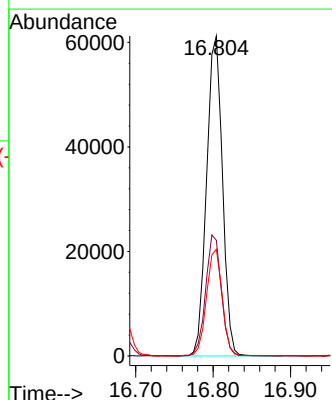
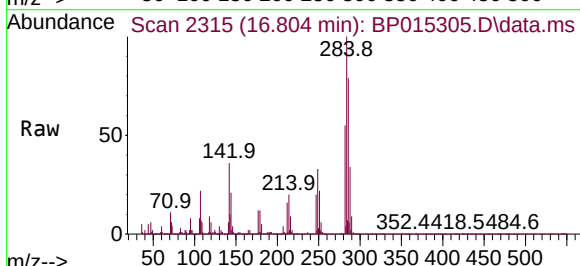
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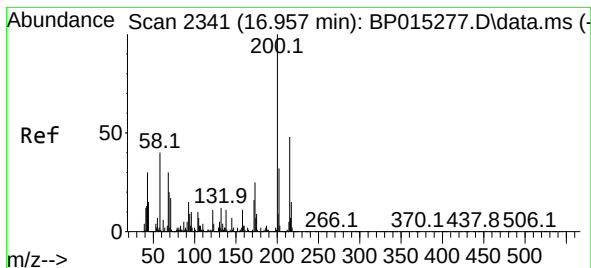
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#68
Hexachlorobenzene
Concen: 7.276 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:284 Resp: 86907
Ion Ratio Lower Upper
284 100
142 36.2 28.2 42.2
249 33.4 25.0 37.6





#69

Atrazine

Concen: 7.151 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

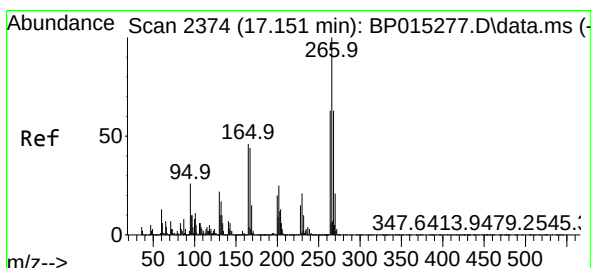
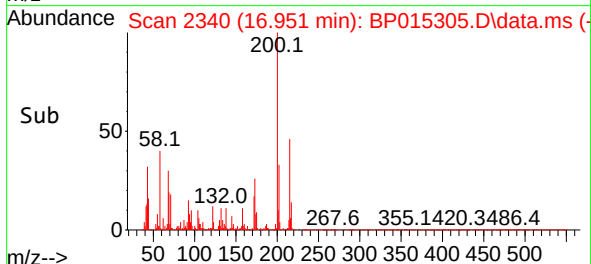
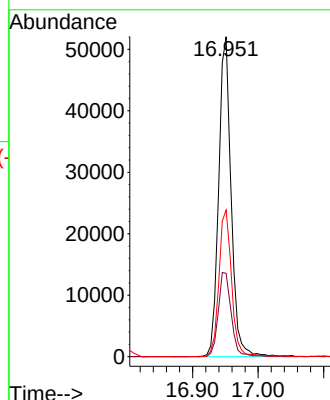
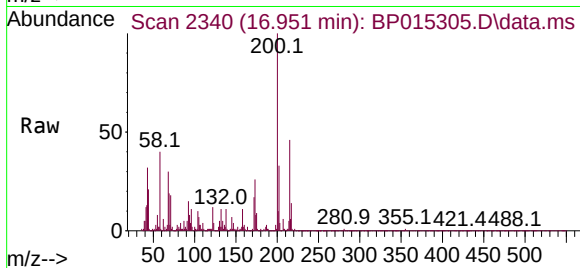
MDL-WATER-03-QT2-2023

Tgt Ion:200 Resp: 68248
 Ion Ratio Lower Upper
 200 100
 173 26.1 4.7 44.7
 215 45.8 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#70

Pentachlorophenol

Concen: 5.068 ng

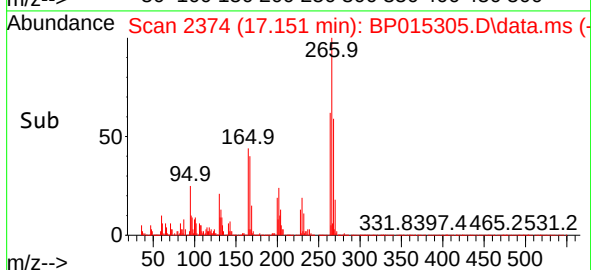
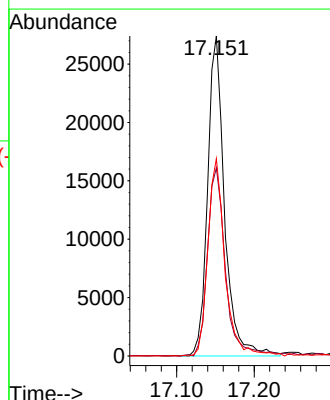
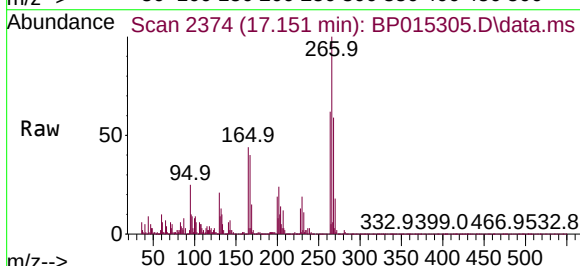
RT: 17.151 min Scan# 2374

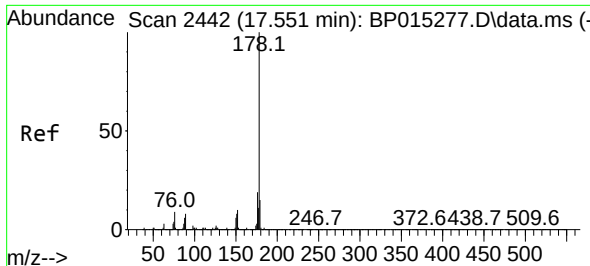
Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:266 Resp: 41487
 Ion Ratio Lower Upper
 266 100
 268 58.8 50.0 75.0
 264 61.7 50.4 75.6





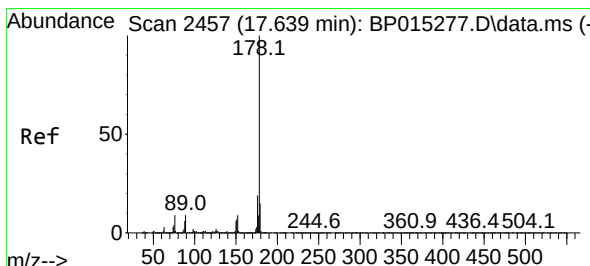
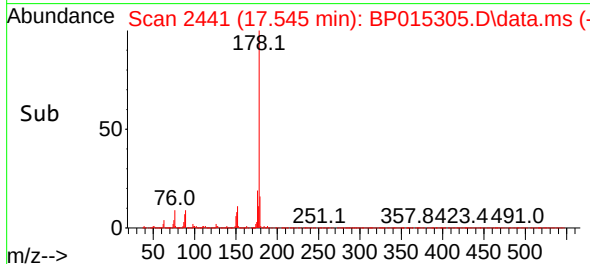
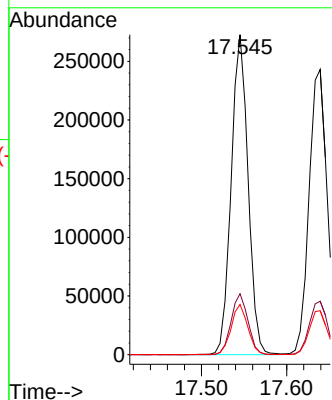
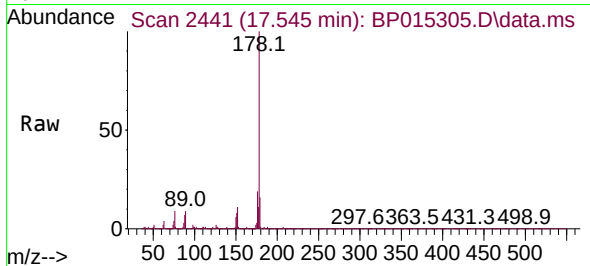
#71
Phenanthrene
Concen: 7.011 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023

Tgt Ion:178 Resp: 37482
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.7 12.3 18.5

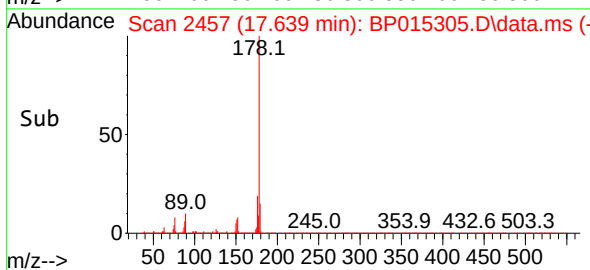
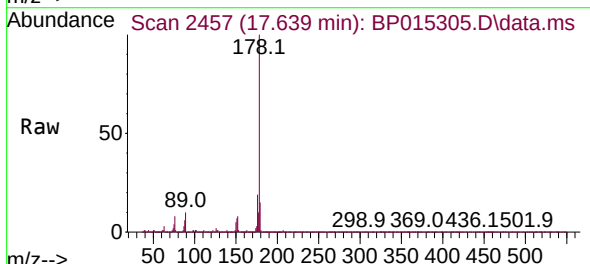
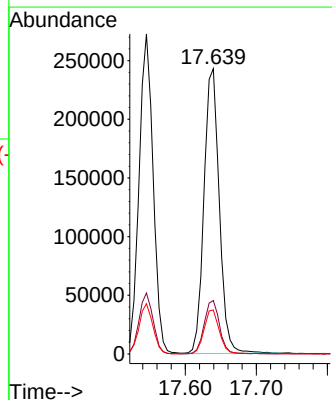
Manual Integrations
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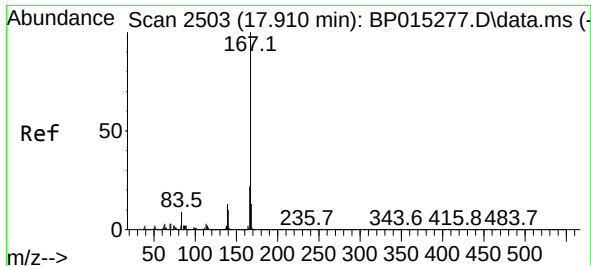
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#72
Anthracene
Concen: 6.821 ng
RT: 17.639 min Scan# 2457
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:178 Resp: 365185
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.2 18.4





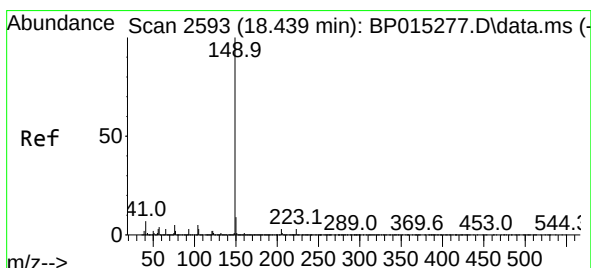
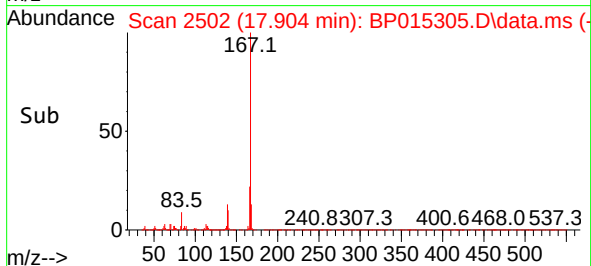
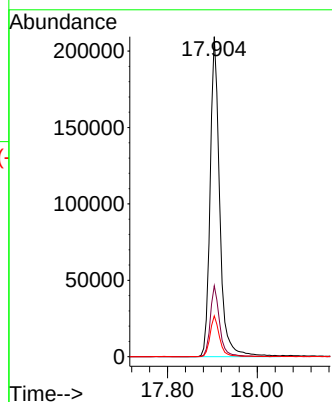
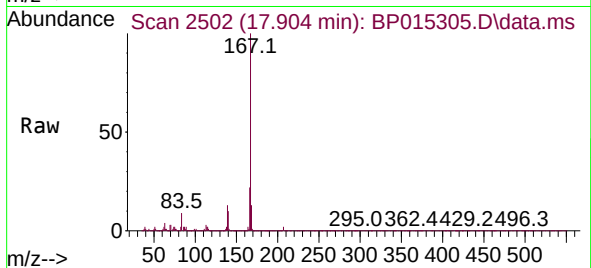
#73
 Carbazole
 Concen: 6.556 ng
 RT: 17.904 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP015305.D
 Acq: 26 May 2023 12:19

Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Tgt Ion:167 Resp: 31082
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.4 26.0
 139 12.7 10.2 15.2

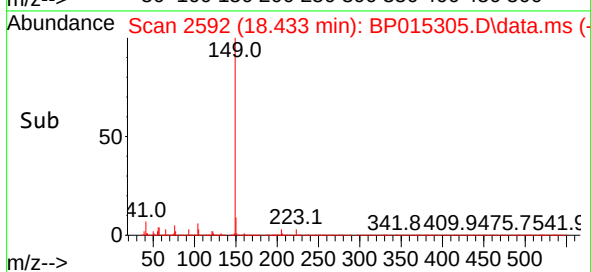
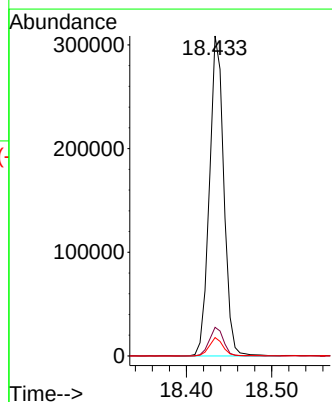
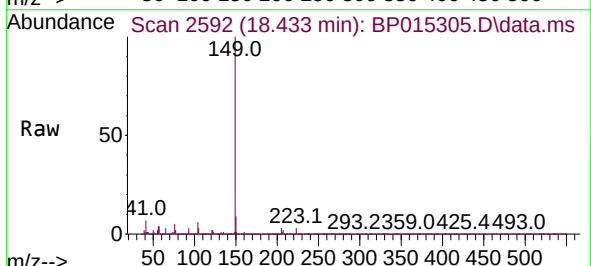
Manual Integrations
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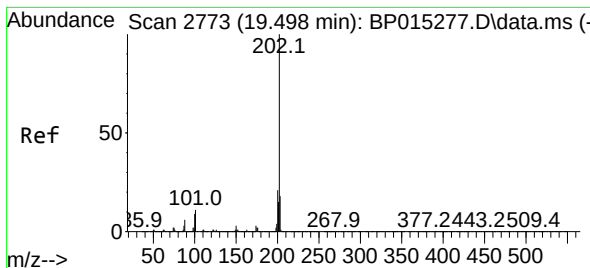
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#74
 Di-n-butylphthalate
 Concen: 5.960 ng
 RT: 18.433 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BP015305.D
 Acq: 26 May 2023 12:19

Tgt Ion:149 Resp: 362892
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.8 4.4 6.6





#75

Fluoranthene

Concen: 6.391 ng

RT: 19.498 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

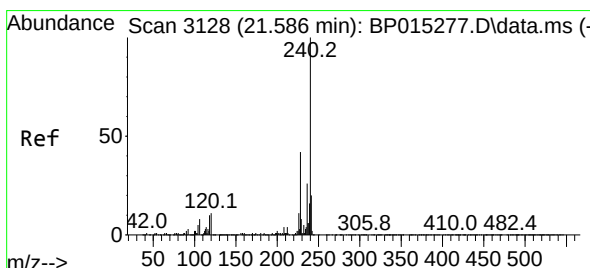
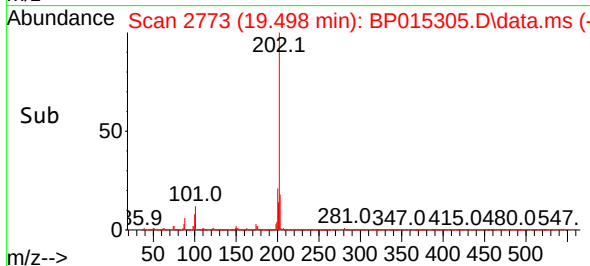
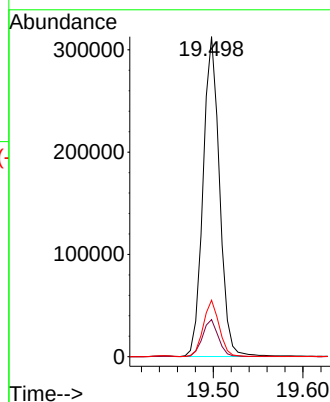
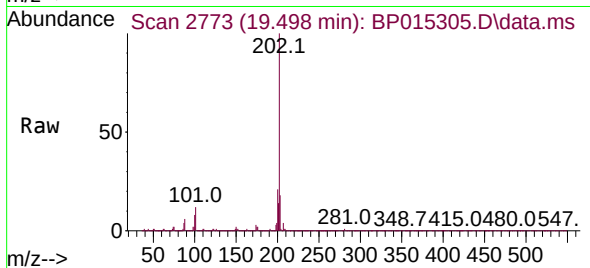
MDL-WATER-03-QT2-2023

Tgt Ion:	202	Resp:	399150
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.4
203	17.6	0.0	37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#76

Chrysene-d12

Concen: 20.000 ng

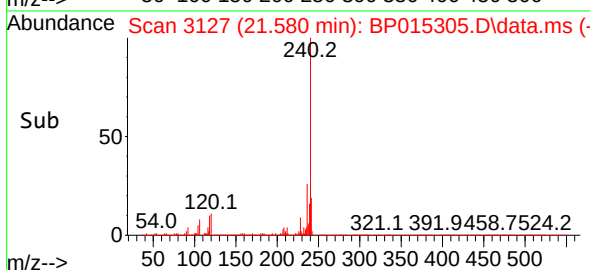
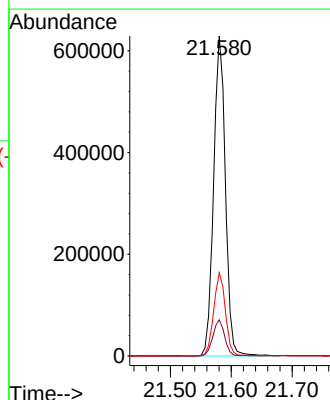
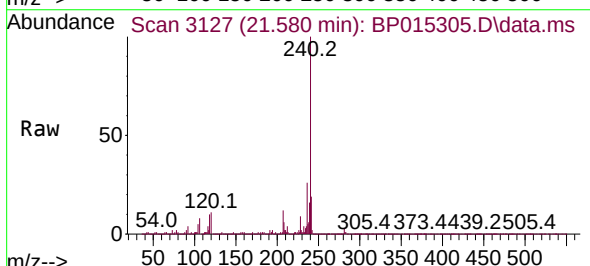
RT: 21.580 min Scan# 3127

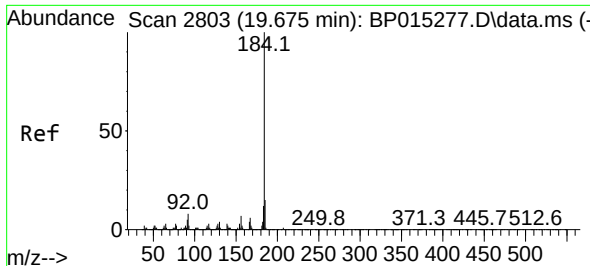
Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

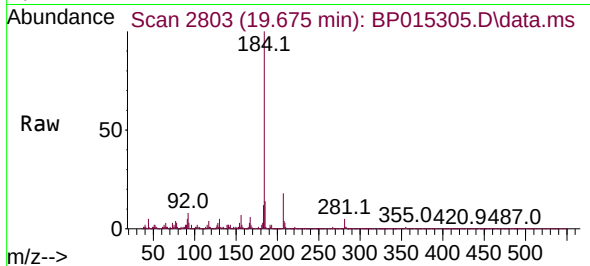
Tgt Ion:	240	Resp:	845202
Ion Ratio	Lower	Upper	
240	100		
120	11.3	8.8	13.2
236	26.0	20.5	30.7





#77
Benzidine
Concen: 11.519 ng m
RT: 19.675 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

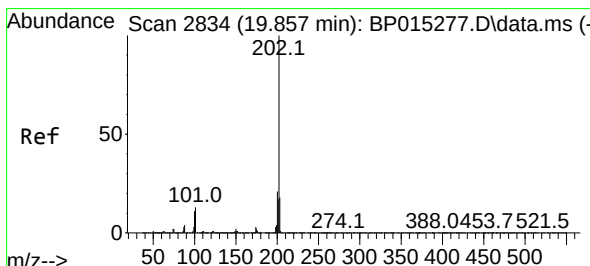
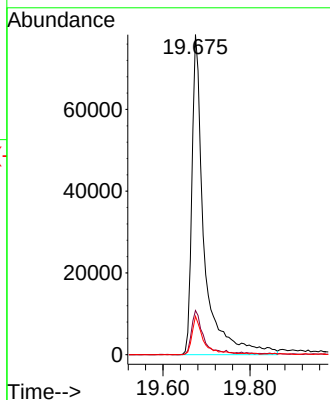
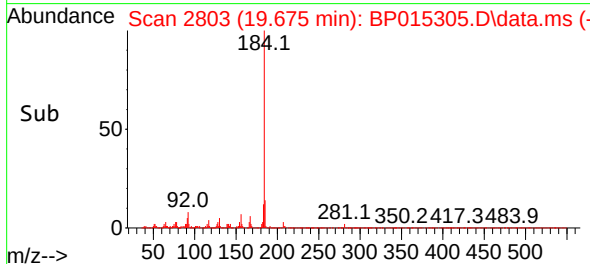
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2023



Tgt Ion:184 Resp: 154174
Ion Ratio Lower Upper
184 100
185 13.8 11.6 17.4
183 12.0 9.4 14.0

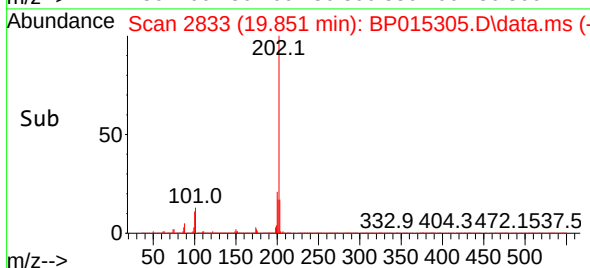
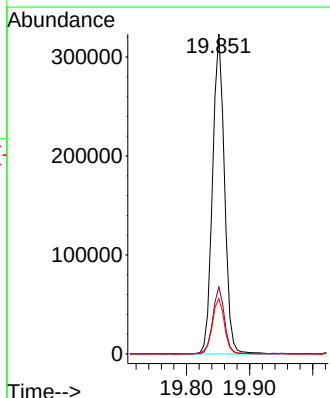
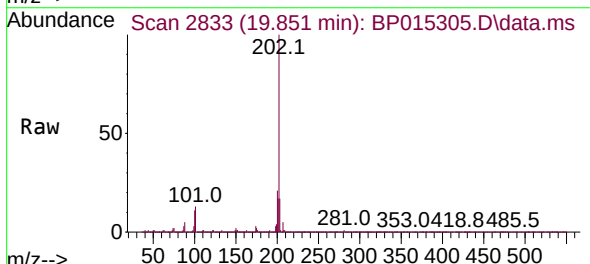
Manual Integrations
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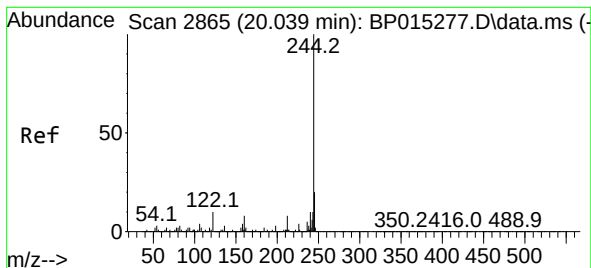
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#78
Pyrene
Concen: 6.997 ng
RT: 19.851 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:202 Resp: 423165
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 68.378 ng

RT: 20.039 min Scan# 2865

Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

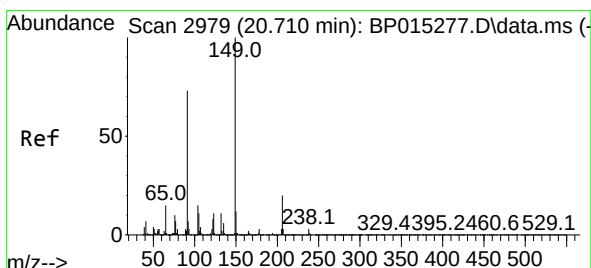
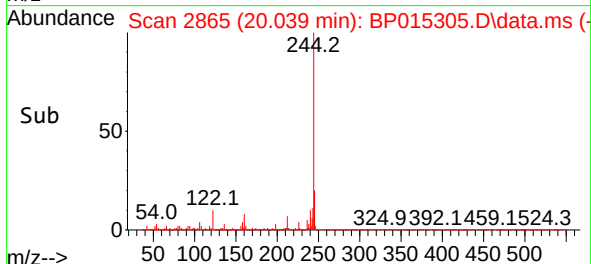
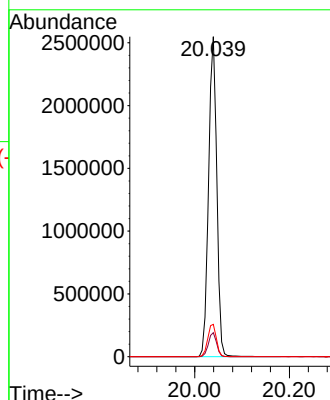
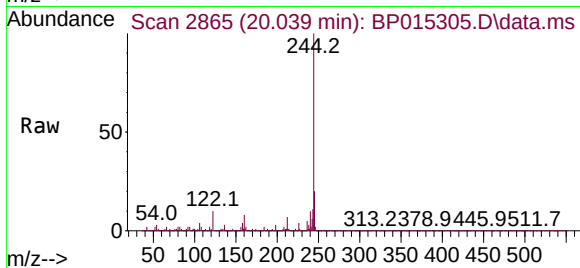
Tgt Ion:244 Resp: 307252

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	10.1	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#80

Butylbenzylphthalate

Concen: 5.716 ng

RT: 20.704 min Scan# 2978

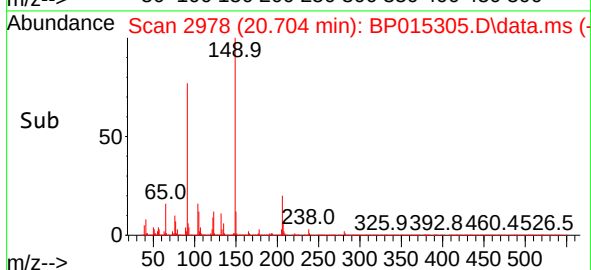
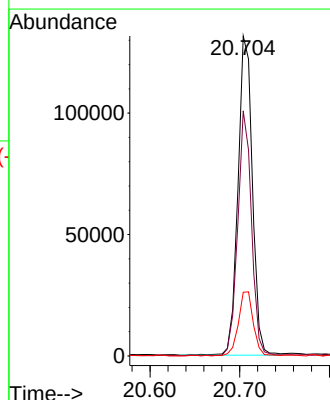
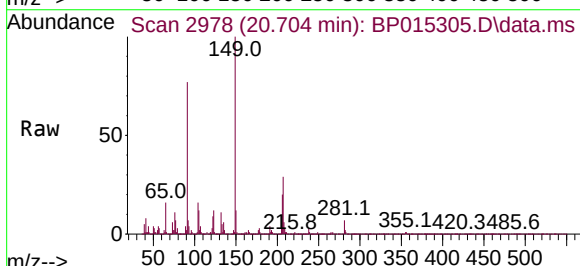
Delta R.T. -0.006 min

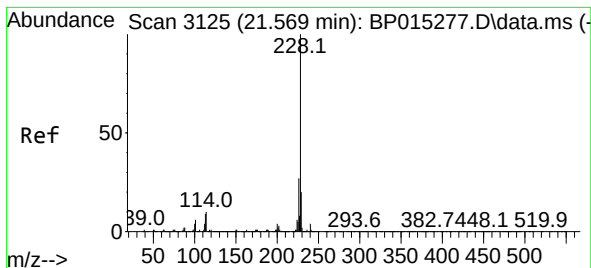
Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:149 Resp: 146496

Ion	Ratio	Lower	Upper
149	100		
91	76.6	58.2	87.2
206	19.9	16.2	24.4





#81

Benzo(a)anthracene

Concen: 6.743 ng

RT: 21.563 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

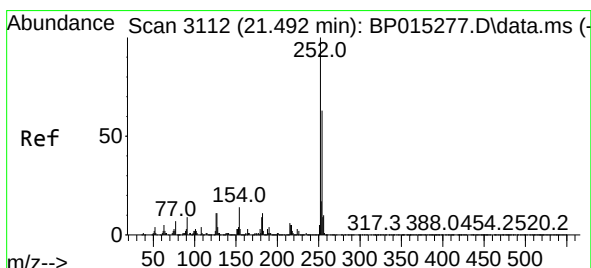
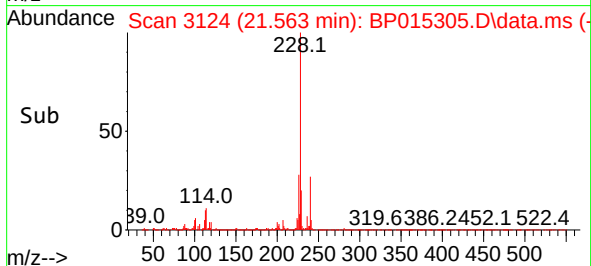
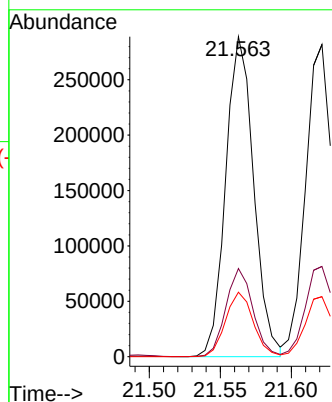
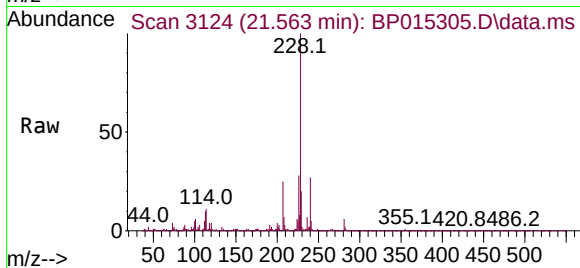
MDL-WATER-03-QT2-2023

Tgt Ion:228 Resp: 39596
 Ion Ratio Lower Upper
 228 100
 226 27.6 21.7 32.5
 229 20.1 15.8 23.8

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 7.724 ng

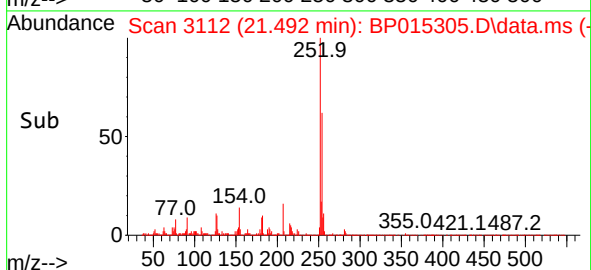
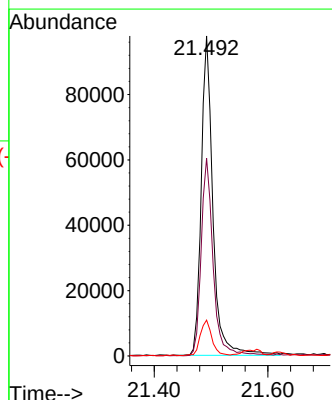
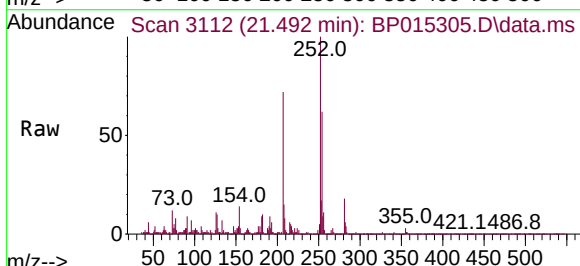
RT: 21.492 min Scan# 3112

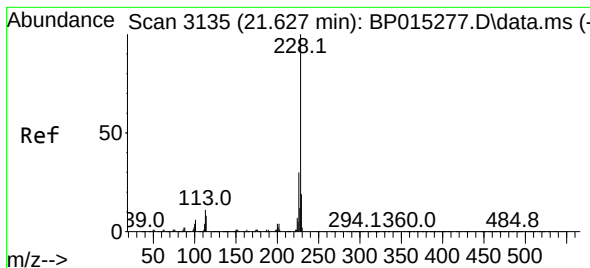
Delta R.T. 0.000 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:252 Resp: 140101
 Ion Ratio Lower Upper
 252 100
 254 61.8 50.7 76.1
 126 11.2 8.7 13.1





#83

Chrysene

Concen: 6.815 ng

RT: 21.622 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

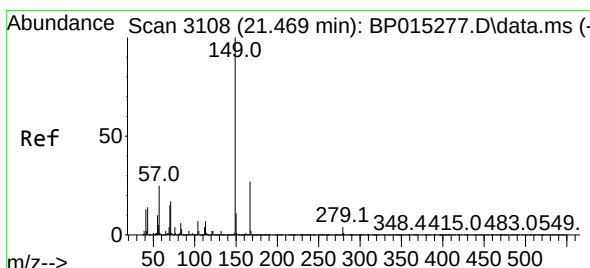
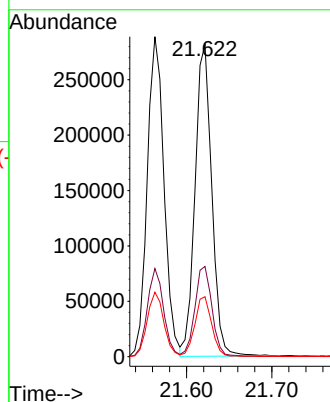
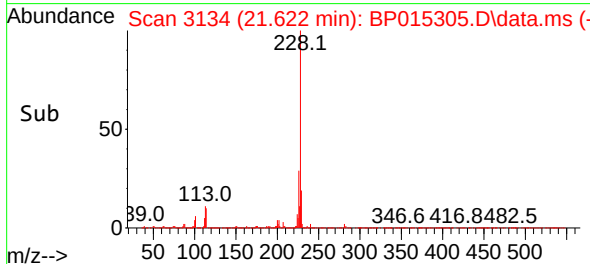
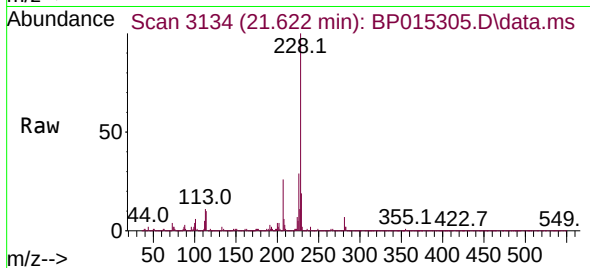
ClientSampleId :

MDL-WATER-03-QT2-2023

Tgt Ion:228 Resp: 383760
 Ion Ratio Lower Upper
 228 100
 226 28.9 23.8 35.6
 229 19.2 15.5 23.3

Manual Integrations
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Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.612 ng

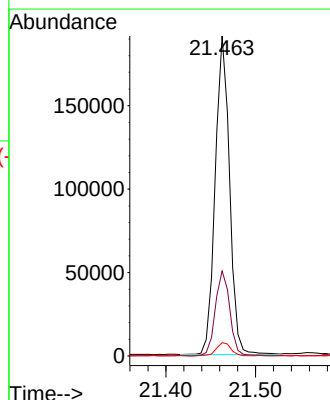
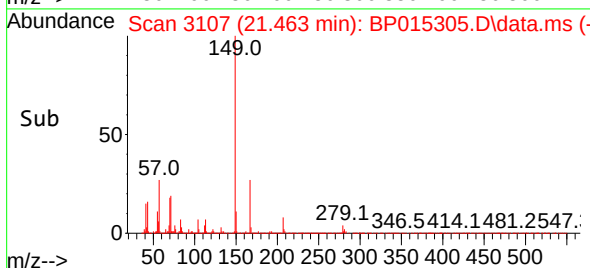
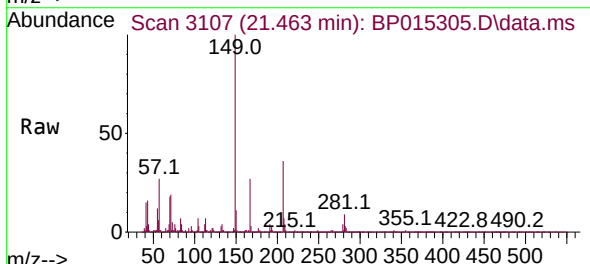
RT: 21.463 min Scan# 3107

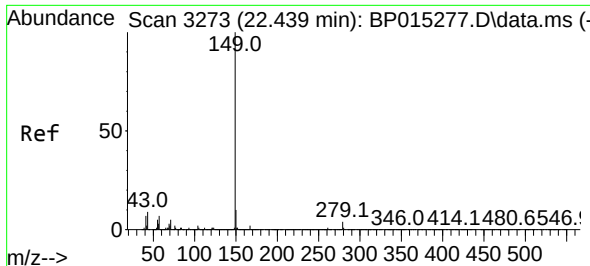
Delta R.T. -0.006 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

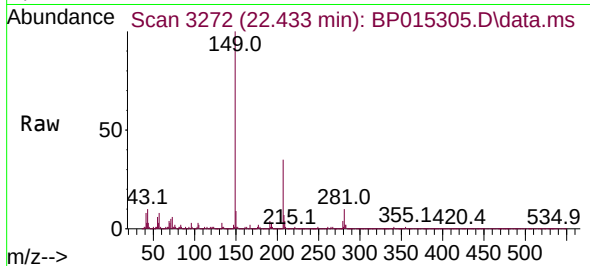
Tgt Ion:149 Resp: 211813
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.6 32.4
 279 4.2 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 5.526 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

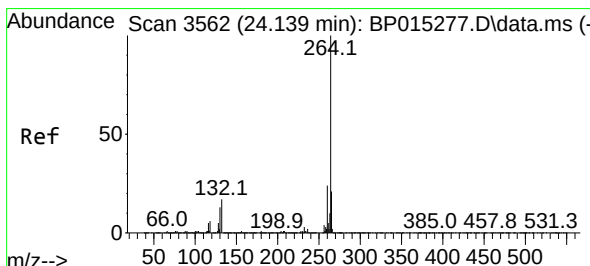
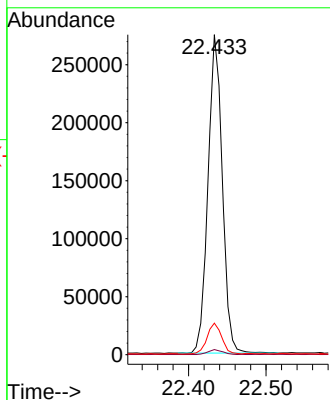
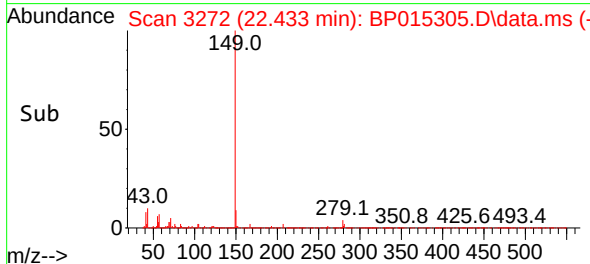
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2023



Tgt Ion:149 Resp: 352834
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.8 7.3 10.9

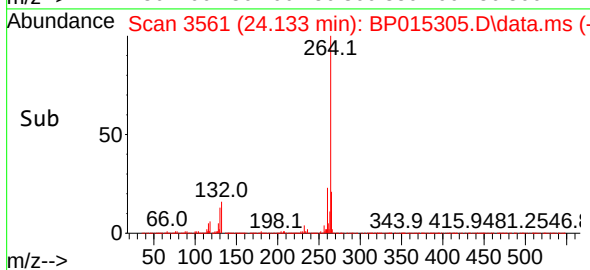
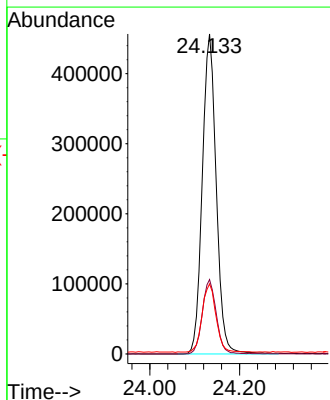
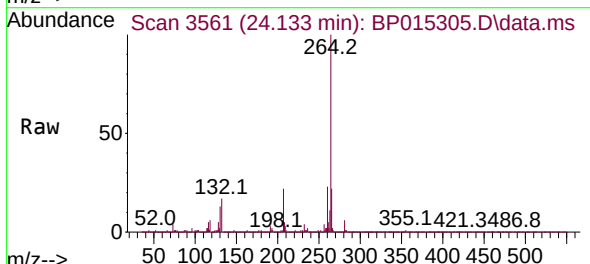
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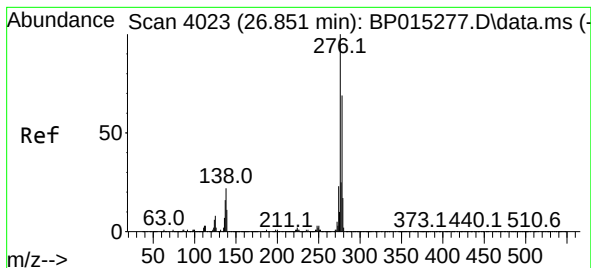
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.133 min Scan# 3561
Delta R.T. -0.006 min
Lab File: BP015305.D
Acq: 26 May 2023 12:19

Tgt Ion:264 Resp: 984416
Ion Ratio Lower Upper
264 100
260 23.2 19.0 28.6
265 21.9 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.713 ng

RT: 26.827 min Scan# 4023

Delta R.T. -0.024 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

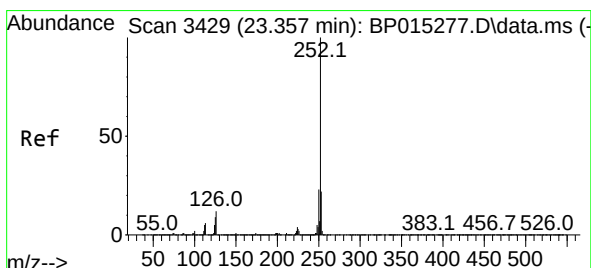
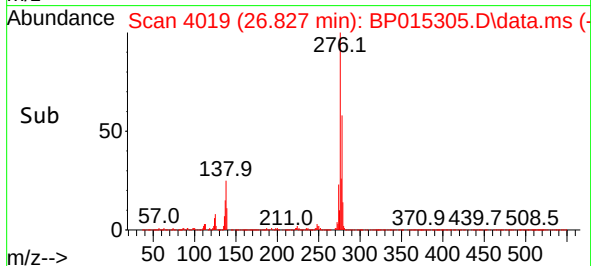
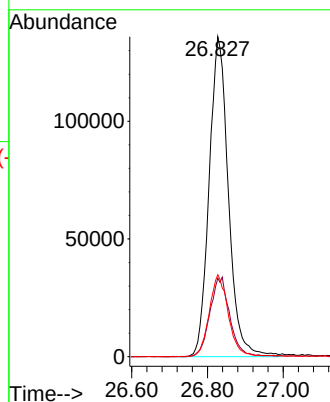
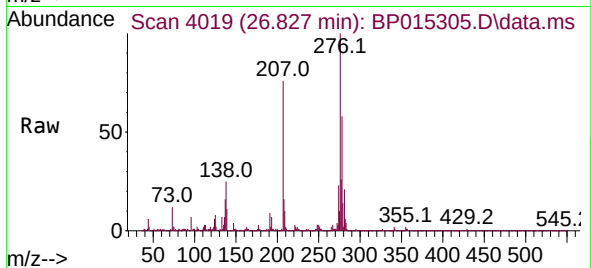
Tgt Ion:	276	Resp:	47901
Ion Ratio	Lower	Upper	
276	100		
138	25.7	19.0	28.6
277	25.3	20.2	30.2

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#88

Benzo(b)fluoranthene

Concen: 6.605 ng

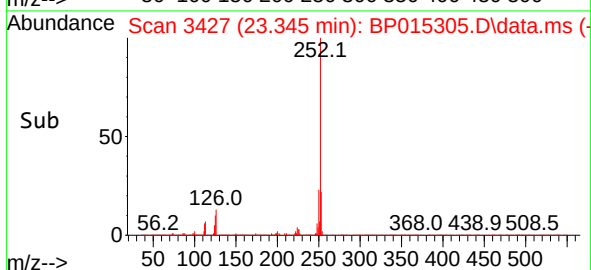
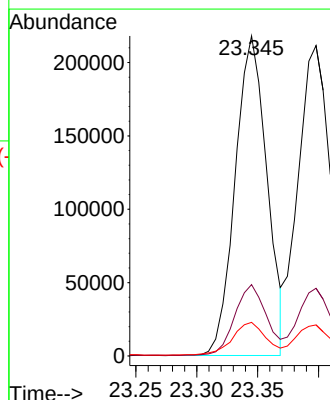
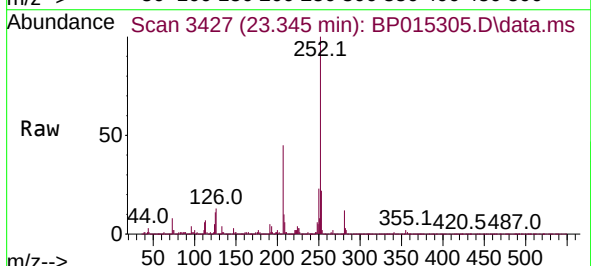
RT: 23.345 min Scan# 3427

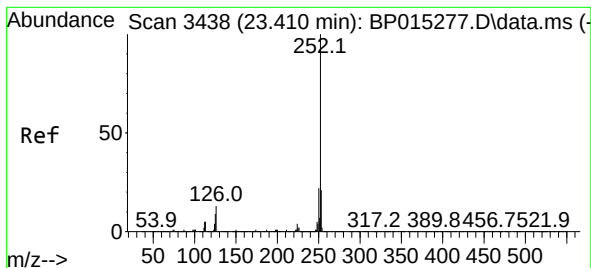
Delta R.T. -0.012 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:	252	Resp:	395298
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	10.5	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 6.679 ng

RT: 23.398 min Scan# 3438

Delta R.T. -0.012 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

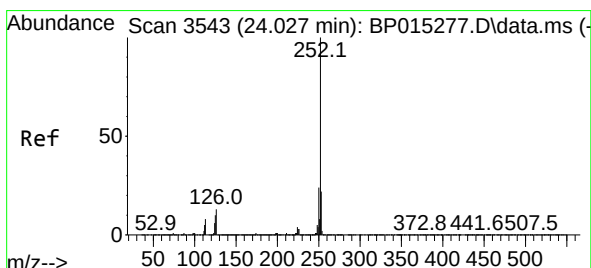
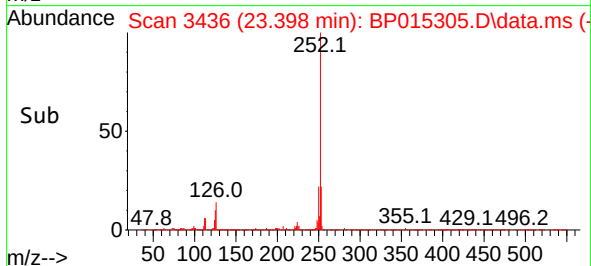
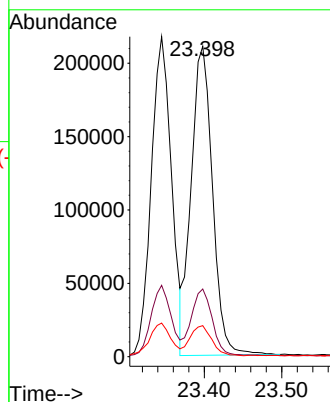
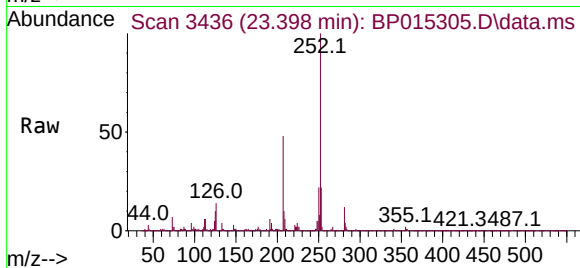
MDL-WATER-03-QT2-2023

Tgt Ion:252 Resp: 402524
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.0 25.4
 125 10.0 7.4 11.0

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#90

Benzo(a)pyrene

Concen: 6.106 ng

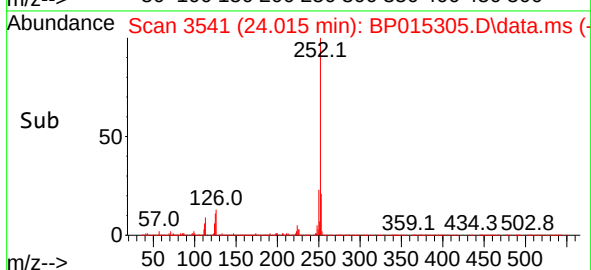
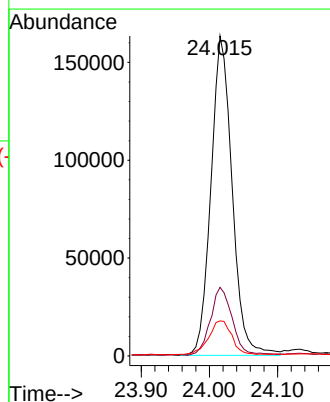
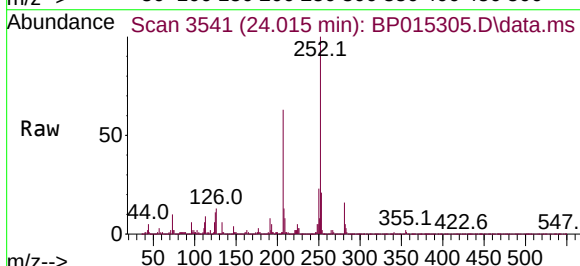
RT: 24.015 min Scan# 3541

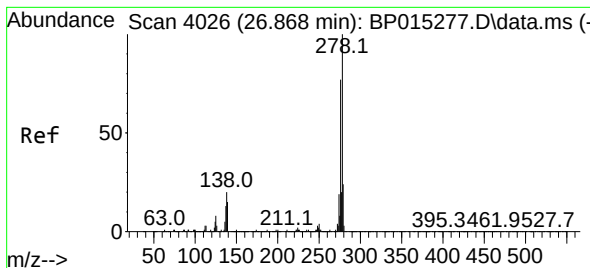
Delta R.T. -0.012 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:252 Resp: 352841
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.4 26.2
 125 11.0 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 6.752 ng

RT: 26.845 min Scan# 4026

Delta R.T. -0.023 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2023

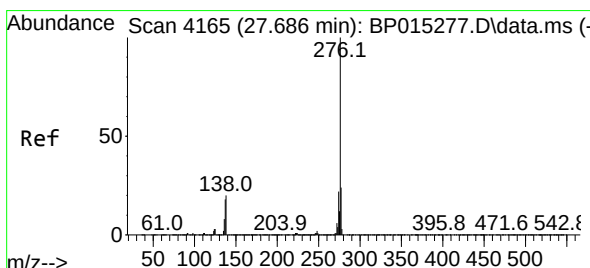
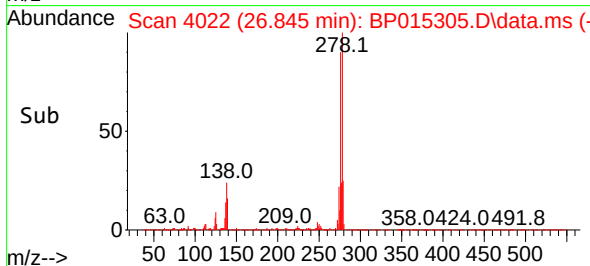
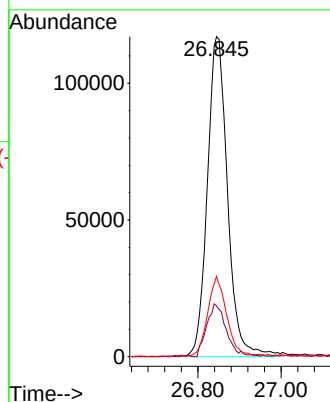
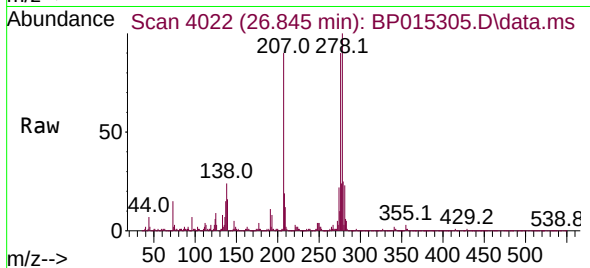
Tgt Ion:	278	Resp:	39561
Ion Ratio	Lower	Upper	
278	100		
139	15.9	12.3	18.5
279	25.1	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#92

Benzo(g,h,i)perylene

Concen: 6.554 ng

RT: 27.662 min Scan# 4161

Delta R.T. -0.024 min

Lab File: BP015305.D

Acq: 26 May 2023 12:19

Tgt Ion:	276	Resp:	390197
Ion Ratio	Lower	Upper	
276	100		
277	22.7	19.0	28.6
138	21.7	16.2	24.2

