

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
 Data File : BP013492.D
 Acq On : 17 Jan 2023 12:29
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 18 03:13:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 01/18/2023
 Supervised By : Jagrut Upadhyay 01/18/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	667162	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2734520	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1889941	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	4366431	20.000	ng	0.00
76) Chrysene-d12	21.404	240	4270363	20.000	ng	0.00
86) Perylene-d12	23.863	264	4454909	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3415739	89.936	ng	0.00
7) Phenol-d6	7.069	99	4696698	87.485	ng	0.00
23) Nitrobenzene-d5	9.075	82	3599838	69.940	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	2729114	92.509	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	9089310	70.305	ng	0.00
79) Terphenyl-d14	19.869	244	12894456	61.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	56587	3.800	ng	97
3) Pyridine	3.758	79	143328	3.087	ng	98
4) n-Nitrosodimethylamine	3.658	42	77351	3.474	ng	# 99
6) Aniline	7.228	93	234365	3.267	ng	99
8) 2-Chlorophenol	7.463	128	153453	3.491	ng	99
9) Benzaldehyde	7.040	77	139091m	4.292	ng	
10) Phenol	7.093	94	191607	3.458	ng	94
11) bis(2-Chloroethyl)ether	7.328	93	156531	3.485	ng	99
12) 1,3-Dichlorobenzene	7.787	146	174410	3.766	ng	98
13) 1,4-Dichlorobenzene	7.940	146	175358	3.716	ng	99
14) 1,2-Dichlorobenzene	8.258	146	168654	3.658	ng	97
15) Benzyl Alcohol	8.146	79	130205	3.148	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.428	45	253594	3.649	ng	98
17) 2-Methylphenol	8.352	107	126873	3.093	ng	98
18) Hexachloroethane	8.987	117	60004	3.590	ng	98
19) n-Nitroso-di-n-propyla...	8.710	70	127689	3.332	ng	97
20) 3+4-Methylphenols	8.675	107	172175	3.021	ng	98
22) Acetophenone	8.734	105	249333	3.560	ng	# 97
24) Nitrobenzene	9.116	77	198671	3.732	ng	98
25) Isophorone	9.640	82	350742	3.311	ng	99
26) 2-Nitrophenol	9.828	139	78657	2.989	ng	97
27) 2,4-Dimethylphenol	9.887	122	132102	3.049	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	218755	3.501	ng	97
29) 2,4-Dichlorophenol	10.363	162	146566	3.224	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	172604	3.587	ng	99
31) Naphthalene	10.763	128	510836	3.533	ng	99
32) Benzoic acid	9.963	122	80598m	2.230	ng	
33) 4-Chloroaniline	10.881	127	202938	3.072	ng	100
34) Hexachlorobutadiene	11.046	225	112661	3.715	ng	99
35) Caprolactam	11.669	113	47276	2.918	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	156880	3.167	ng	98
37) 2-Methylnaphthalene	12.375	142	364674	3.359	ng	99
38) 1-Methylnaphthalene	12.593	142	354988	3.466	ng	99
40) 1,2,4,5-Tetrachloroben...	12.740	216	220076	3.553	ng	99
41) Hexachlorocyclopentadiene	12.716	237	93814	2.904	ng	100
43) 2,4,6-Trichlorophenol	12.987	196	133340	3.131	ng	97

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 Misc : MDL-MDL-WATER 4ppm
 ALS Vial : 6 Sample Multiplier: 1

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

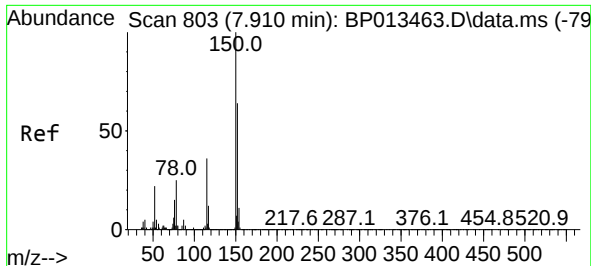
Quant Time: Jan 18 03:13:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
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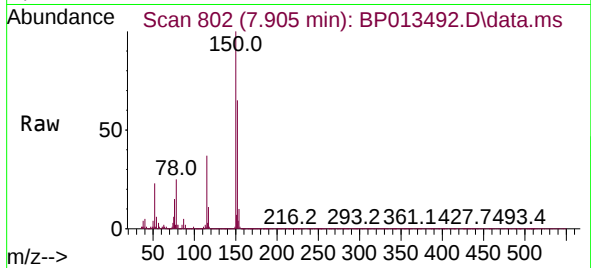
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	141046	2.822	ng	98
46) 1,1'-Biphenyl	13.381	154	524532	3.671	ng	99
47) 2-Chloronaphthalene	13.428	162	390861	3.567	ng	99
48) 2-Nitroaniline	13.634	65	100453	2.785	ng	93
49) Acenaphthylene	14.275	152	593861	3.286	ng	99
50) Dimethylphthalate	14.004	163	503171	3.357	ng	100
51) 2,6-Dinitrotoluene	14.128	165	99182	3.034	ng	90
52) Acenaphthene	14.616	154	372639	3.484	ng	99
53) 3-Nitroaniline	14.463	138	94483	2.701	ng	94
54) 2,4-Dinitrophenol	14.675	184	46409	2.089	ng	90
55) Dibenzofuran	14.951	168	621828	3.506	ng	99
56) 4-Nitrophenol	14.769	139	74891	2.665	ng	91
57) 2,4-Dinitrotoluene	14.922	165	126897	2.838	ng	95
58) Fluorene	15.598	166	499525	3.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.181	232	135771	3.142	ng	99
60) Diethylphthalate	15.369	149	484908	3.307	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	267290	3.596	ng	98
62) 4-Nitroaniline	15.628	138	93012m	2.597	ng	
63) Azobenzene	15.887	77	435427	3.234	ng	98
65) 4,6-Dinitro-2-methylph...	15.687	198	70106	2.348	ng	92
66) n-Nitrosodiphenylamine	15.810	169	424647	3.310	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	164598	3.275	ng	99
68) Hexachlorobenzene	16.610	284	200068	3.655	ng	98
69) Atrazine	16.763	200	157162	3.344	ng	97
70) Pentachlorophenol	16.963	266	101124	2.521	ng	97
71) Phenanthrene	17.351	178	817170	3.547	ng	98
72) Anthracene	17.445	178	789412	3.367	ng	98
73) Carbazole	17.716	167	712941	3.339	ng	98
74) Di-n-butylphthalate	18.257	149	793410	3.201	ng	100
75) Fluoranthene	19.322	202	963601	3.482	ng	98
77) Benzidine	19.504	184	409669	3.229	ng	100
78) Pyrene	19.675	202	1015909	3.617	ng	97
80) Butylbenzylphthalate	20.539	149	341357	2.812	ng	93
81) Benzo(a)anthracene	21.386	228	1035664	3.601	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	364505	3.392	ng	99
83) Chrysene	21.439	228	971370	3.575	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	511899	2.914	ng	99
85) Di-n-octyl phthalate	22.239	149	829096	2.780	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	935086	2.902	ng	99
88) Benzo(b)fluoranthene	23.110	252	987253	3.732	ng	99
89) Benzo(k)fluoranthene	23.157	252	960329	3.741	ng	100
90) Benzo(a)pyrene	23.751	252	848386	3.265	ng	99
91) Dibenzo(a,h)anthracene	26.439	278	800747	2.985	ng	99
92) Benzo(g,h,i)perylene	27.215	276	788417	2.979	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

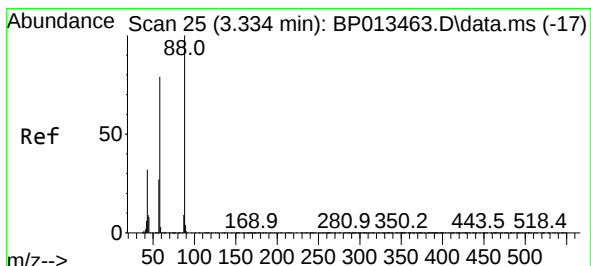
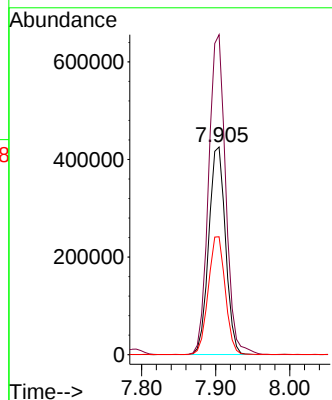
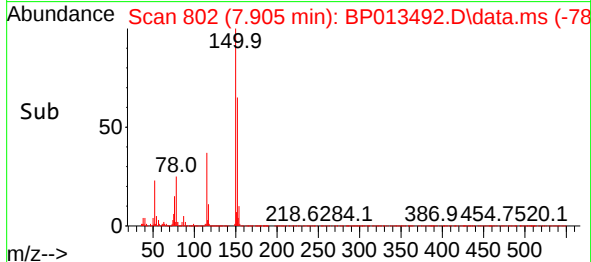
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 667162
Ion Ratio Lower Upper
152 100
150 154.2 125.7 188.5
115 56.8 45.8 68.8

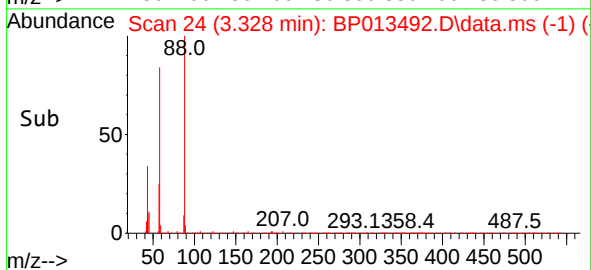
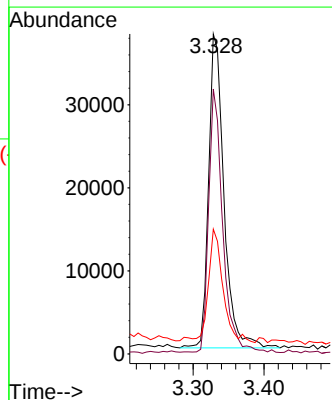
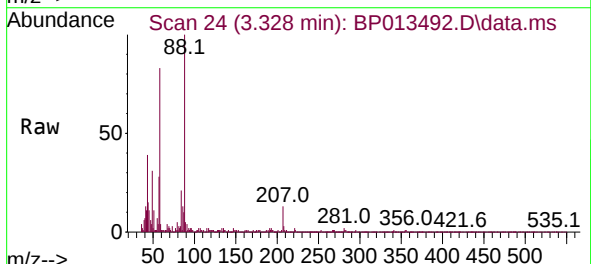
Manual Integrations
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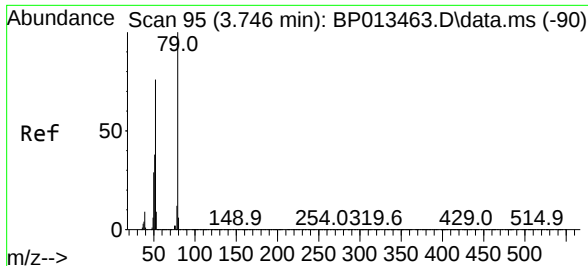
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#2
1,4-Dioxane
Concen: 3.800 ng
RT: 3.328 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

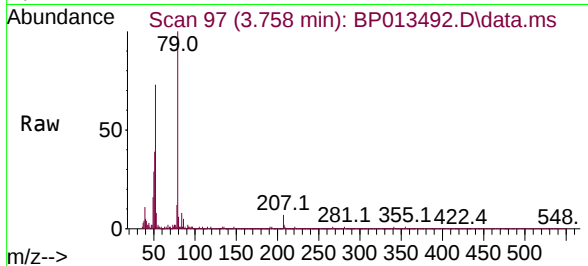
Tgt Ion: 88 Resp: 56587
Ion Ratio Lower Upper
88 100
58 76.9 63.4 95.0
43 34.3 26.2 39.4





#3
Pyridine
Concen: 3.087 ng
RT: 3.758 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

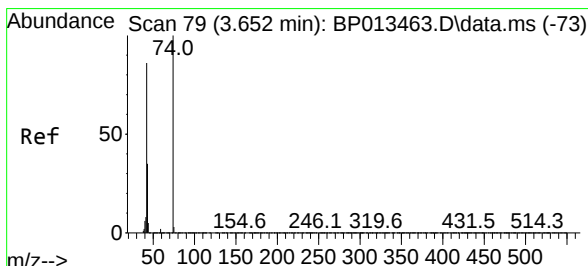
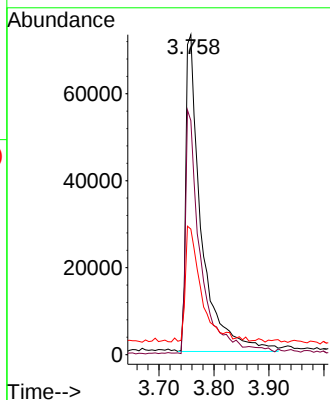
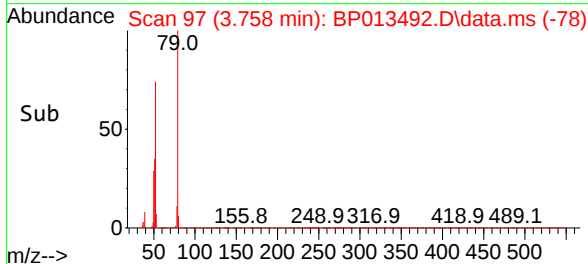
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 143328
Ion Ratio Lower Upper
79 100
52 73.1 60.6 91.0
51 39.2 31.0 46.4

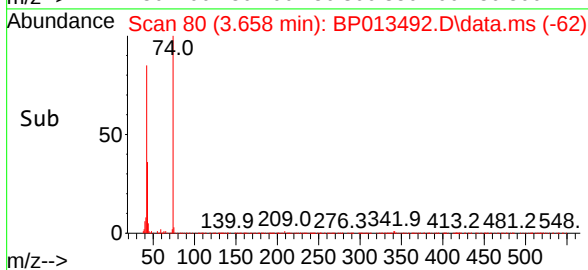
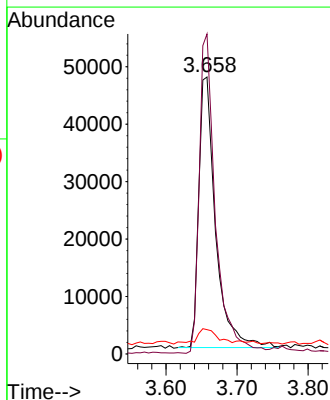
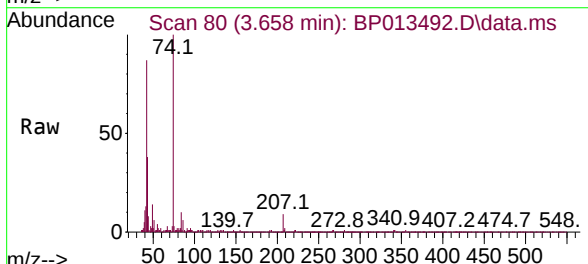
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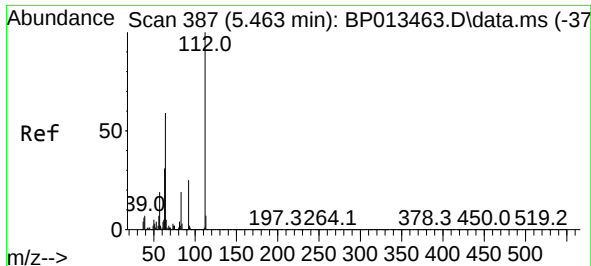
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#4
n-Nitrosodimethylamine
Concen: 3.474 ng
RT: 3.658 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion: 42 Resp: 77351
Ion Ratio Lower Upper
42 100
74 115.6 93.3 139.9
44 8.7 5.1 7.7





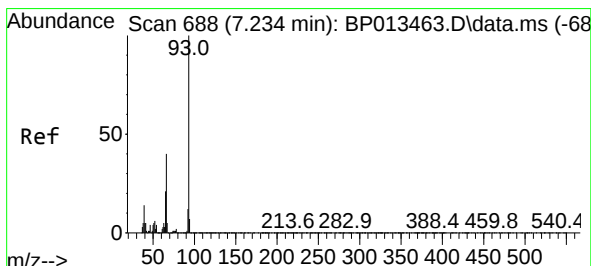
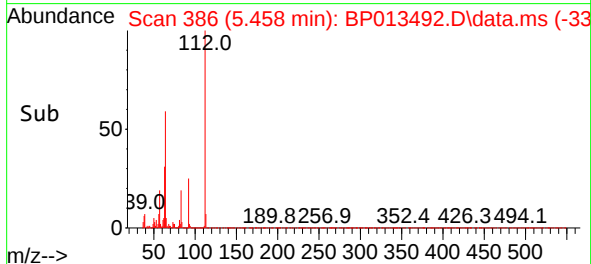
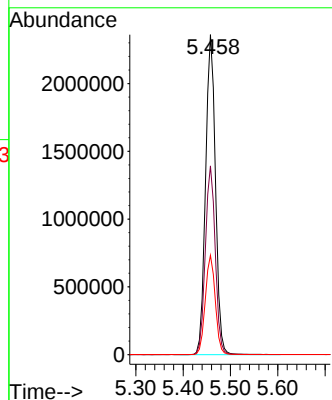
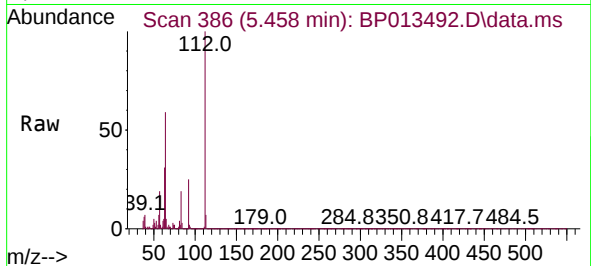
#5
2-Fluorophenol
Concen: 89.936 ng
RT: 5.458 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:112 Resp: 3415739
Ion Ratio Lower Upper
112 100
64 59.0 47.5 71.3
63 31.1 25.0 37.4

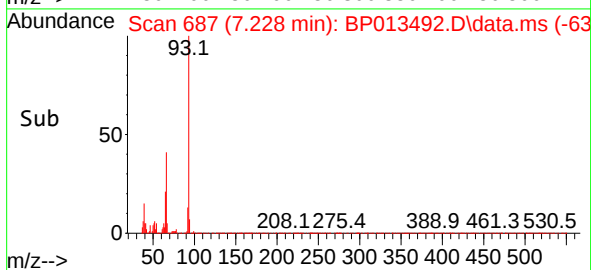
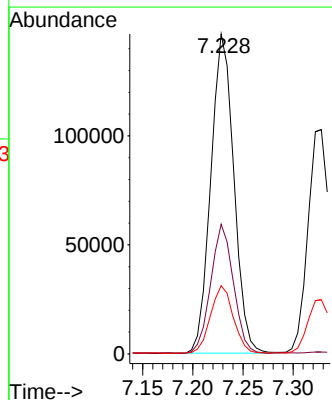
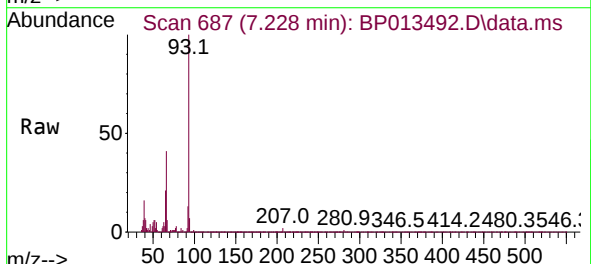
Manual Integrations
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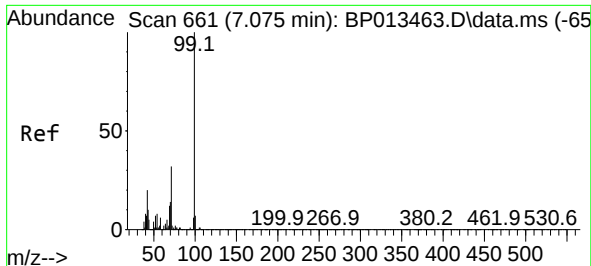
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#6
Aniline
Concen: 3.267 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion: 93 Resp: 234365
Ion Ratio Lower Upper
93 100
66 40.5 31.9 47.9
65 21.3 16.6 25.0





#7

Phenol-d6

Concen: 87.485 ng

RT: 7.069 min Scan# 60

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 99 Resp: 4696698

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

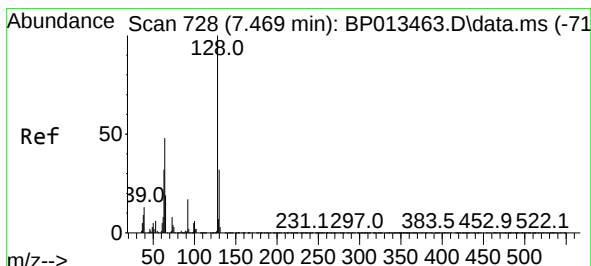
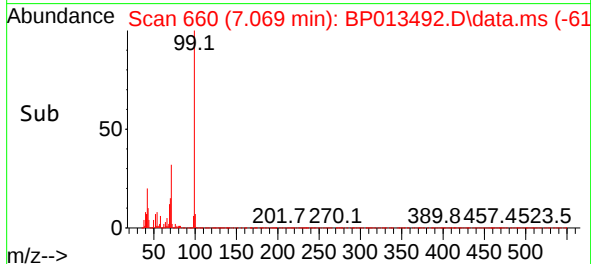
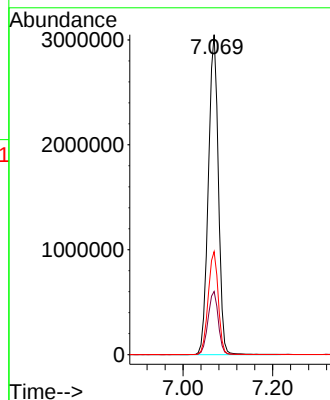
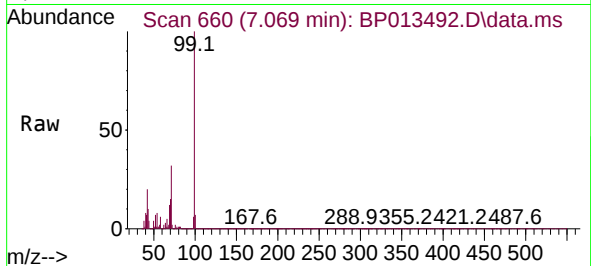
71 32.2 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 3.491 ng

RT: 7.463 min Scan# 727

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

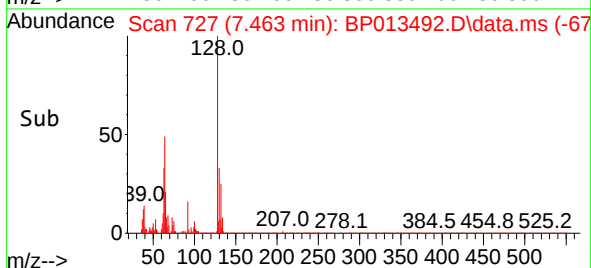
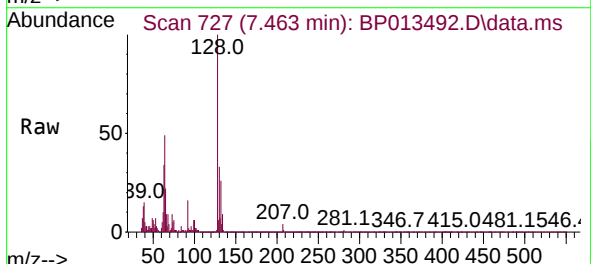
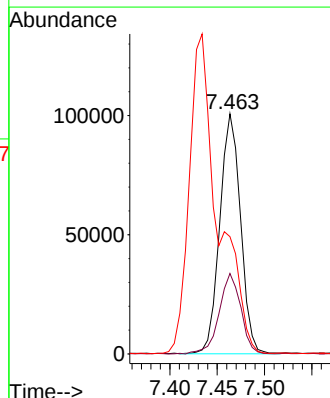
Tgt Ion:128 Resp: 153453

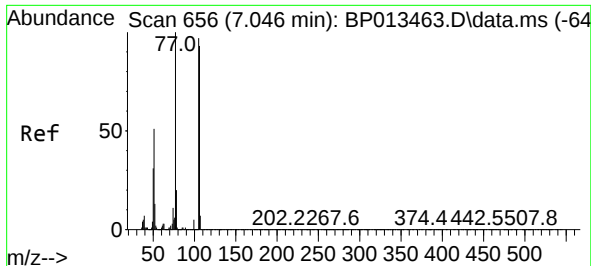
Ion Ratio Lower Upper

128 100

130 33.5 11.7 51.7

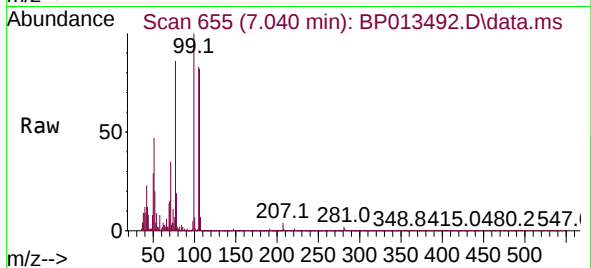
64 48.8 28.6 68.6





#9
Benzaldehyde
Concen: 4.292 ng m
RT: 7.040 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

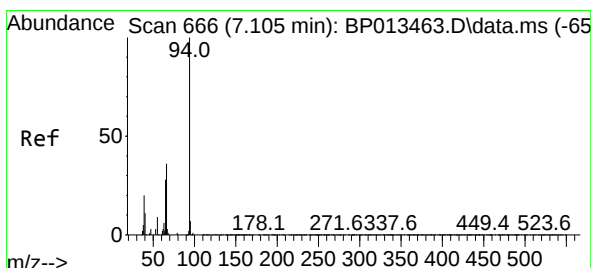
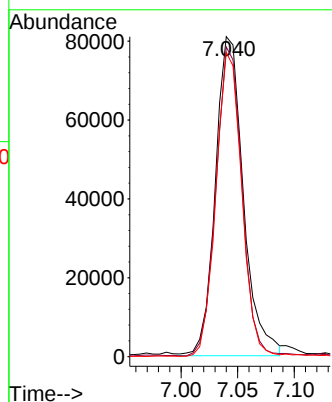
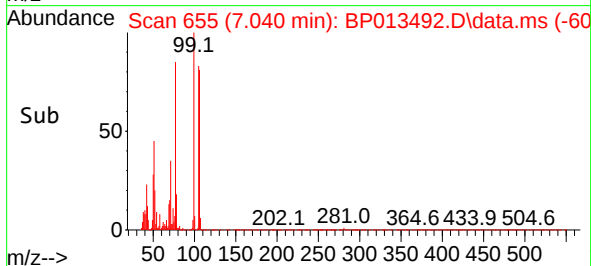
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 77 Resp: 139091
Ion Ratio Lower Upper
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105 96.8 77.3 117.3
106 95.1 73.1 113.1

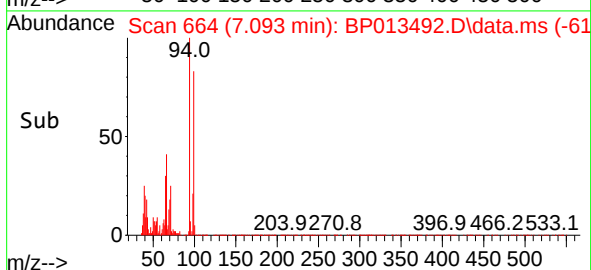
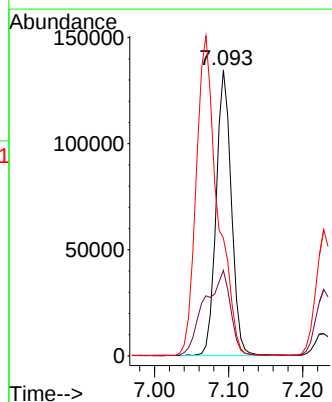
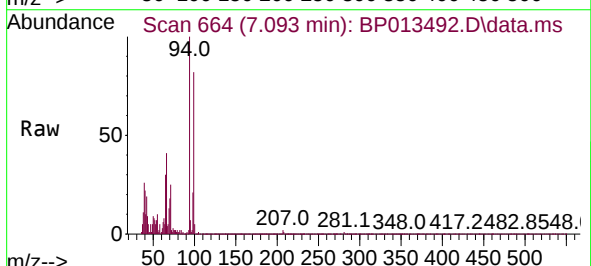
Manual Integrations
APPROVED

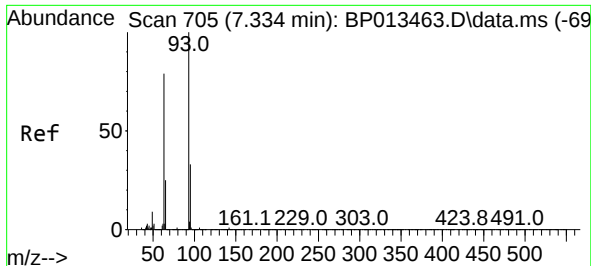
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#10
Phenol
Concen: 3.458 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

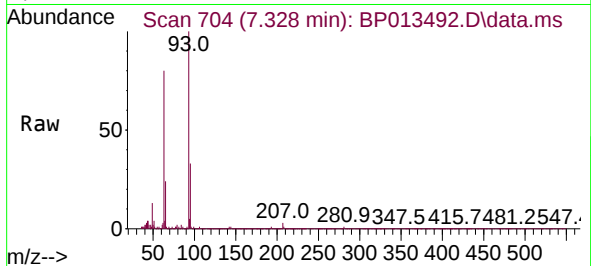
Tgt Ion: 94 Resp: 191607
Ion Ratio Lower Upper
94 100
65 29.9 8.3 48.3
66 41.2 16.6 56.6





#11
bis(2-Chloroethyl)ether
Concen: 3.485 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

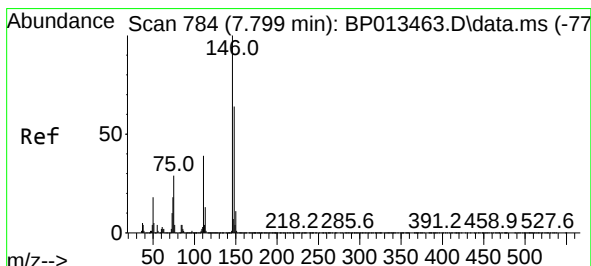
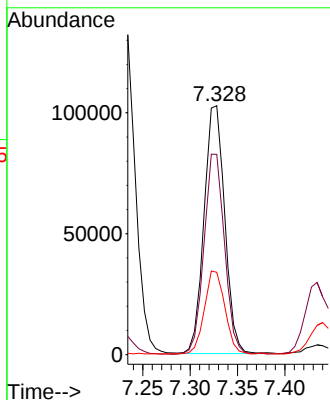
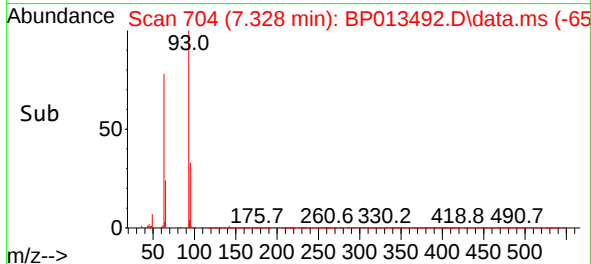
Instrument : BNA_P
Client Sample Id : MDL-WATER-03-QT2-2022



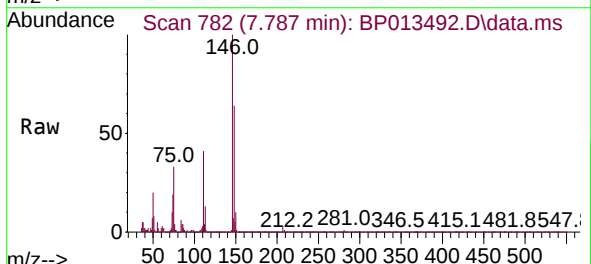
Tgt Ion: 93 Resp: 156531
Ion Ratio Lower Upper
93 100
63 80.5 59.3 99.3
95 33.1 12.8 52.8

Manual Integrations
APPROVED

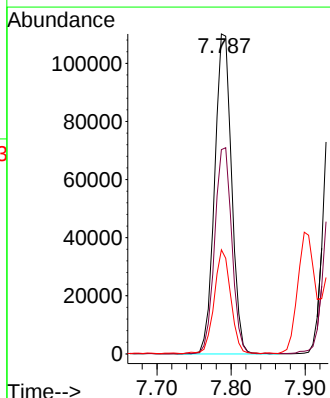
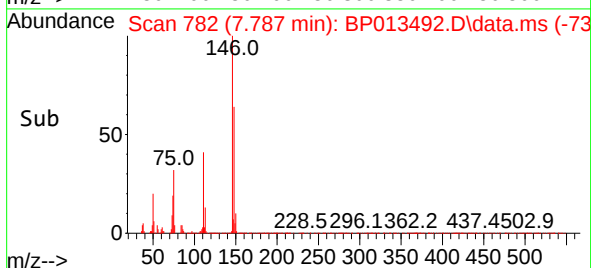
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

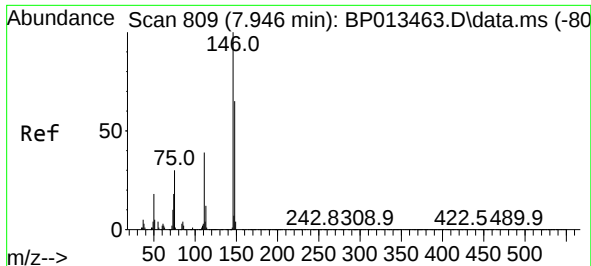


#12
1,3-Dichlorobenzene
Concen: 3.766 ng
RT: 7.787 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29



Tgt Ion:146 Resp: 174410
Ion Ratio Lower Upper
146 100
148 63.8 51.5 77.3
75 32.5 23.6 35.4





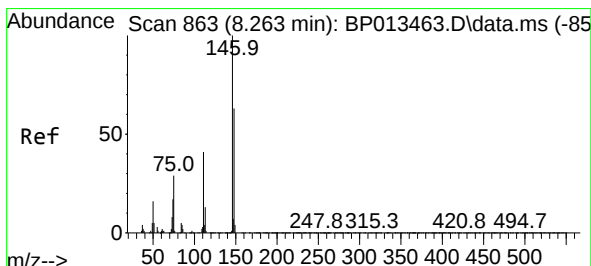
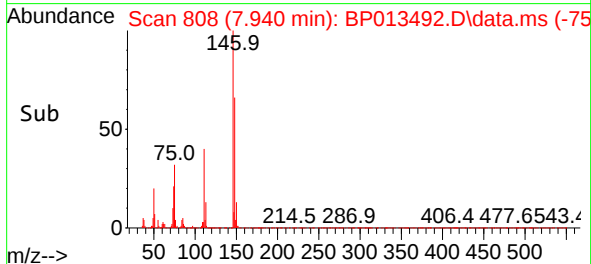
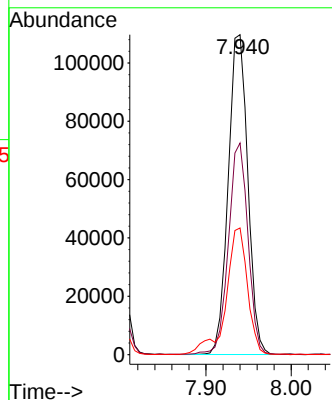
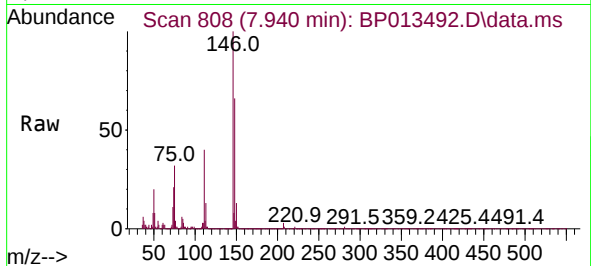
#13
1,4-Dichlorobenzene
Concen: 3.716 ng
RT: 7.940 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:146 Resp: 175358
Ion Ratio Lower Upper
146 100
148 66.1 52.0 78.0
111 39.6 31.4 47.2

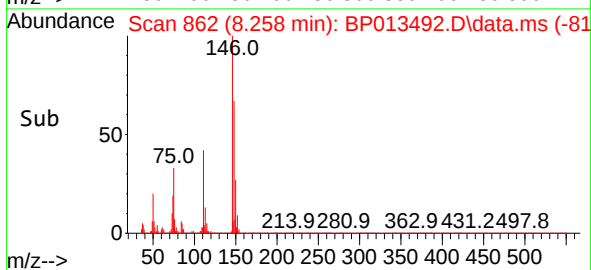
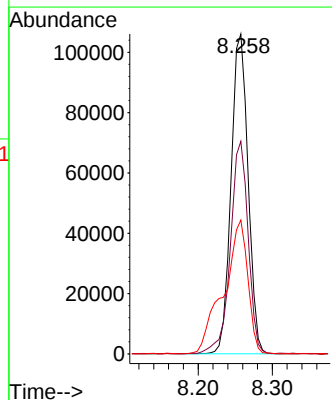
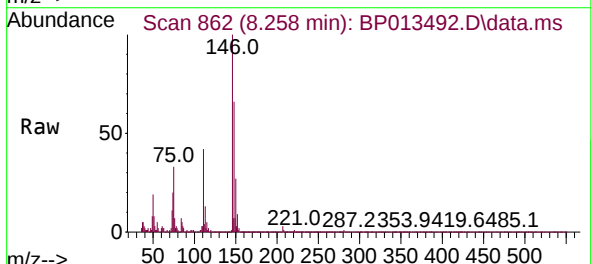
Manual Integrations
APPROVED

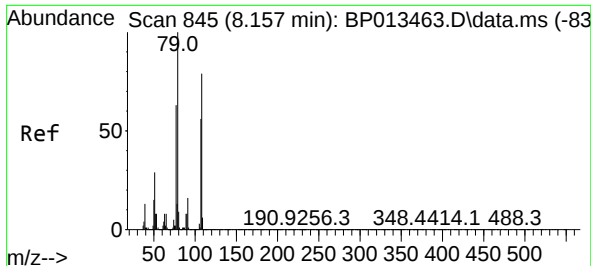
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#14
1,2-Dichlorobenzene
Concen: 3.658 ng
RT: 8.258 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

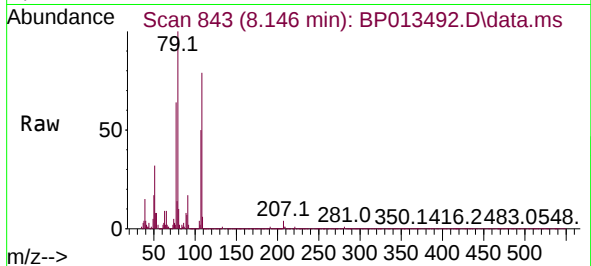
Tgt Ion:146 Resp: 168654
Ion Ratio Lower Upper
146 100
148 66.4 50.9 76.3
111 41.8 32.7 49.1





#15
Benzyl Alcohol
Concen: 3.148 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

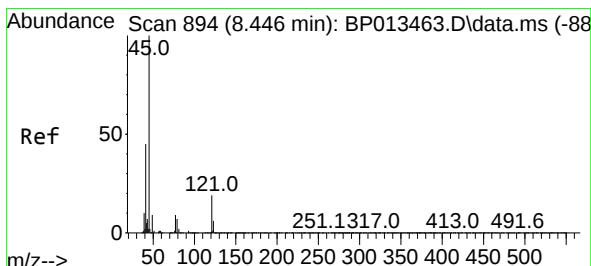
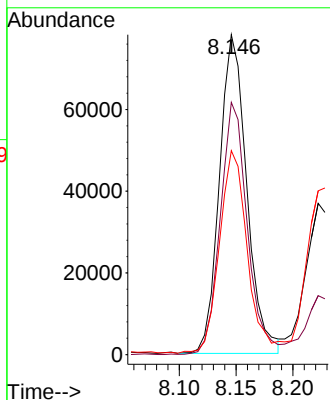
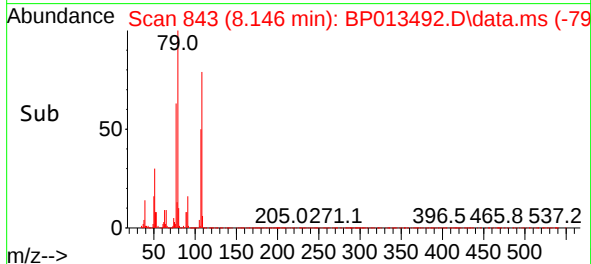
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 130205
Ion Ratio Lower Upper
79 100
108 78.8 63.2 94.8
77 63.7 50.5 75.7

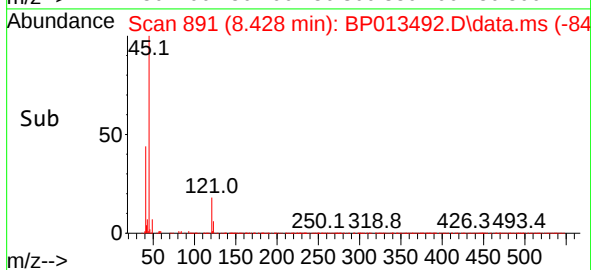
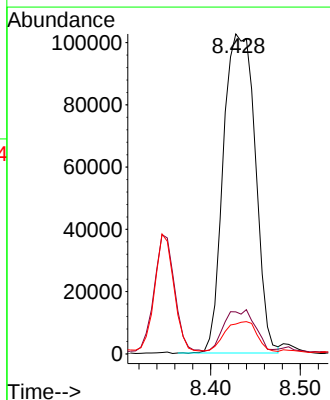
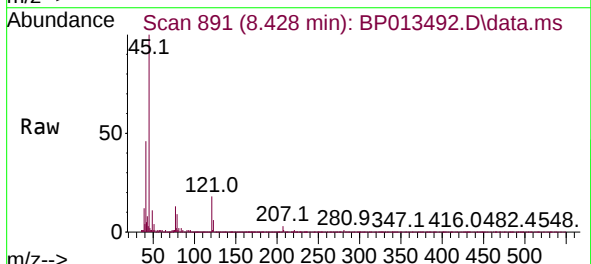
Manual Integrations
APPROVED

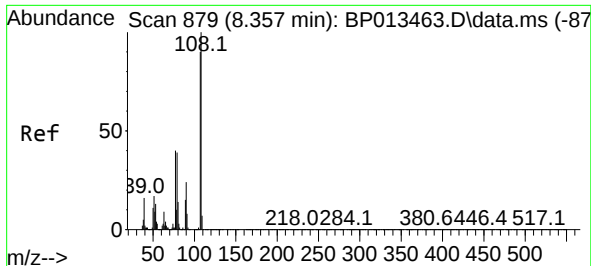
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.649 ng
RT: 8.428 min Scan# 891
Delta R.T. -0.018 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

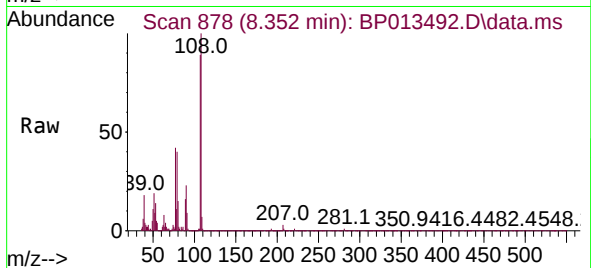
Tgt Ion: 45 Resp: 253594
Ion Ratio Lower Upper
45 100
77 13.1 0.0 32.8
79 9.3 0.0 30.3





#17
2-Methylphenol
Concen: 3.093 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

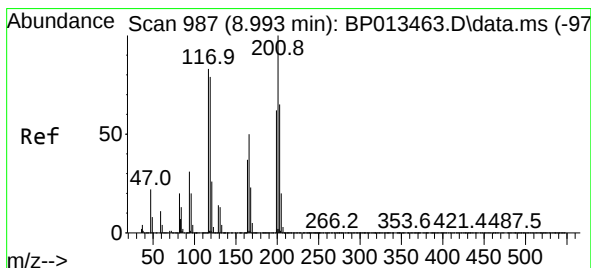
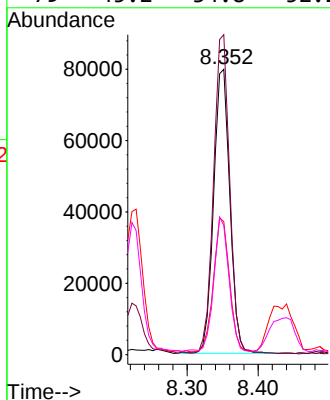
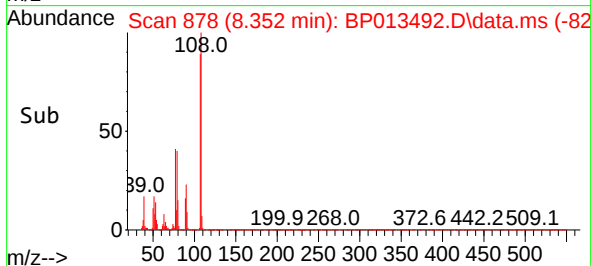
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:107 Resp: 126873
Ion Ratio Lower Upper
107 100
108 112.1 88.8 133.2
77 46.6 35.8 53.8
79 45.2 34.8 52.2

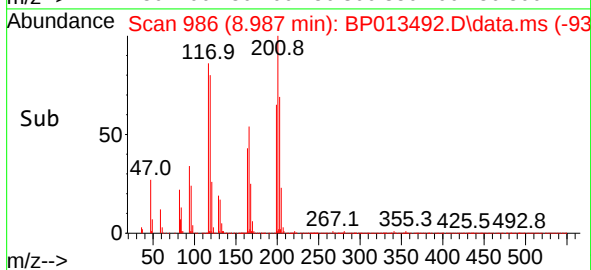
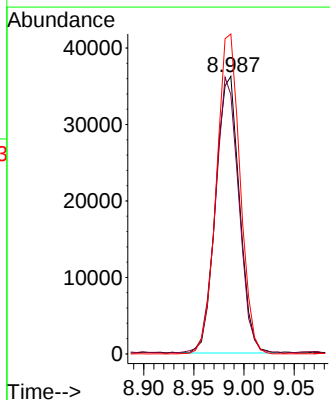
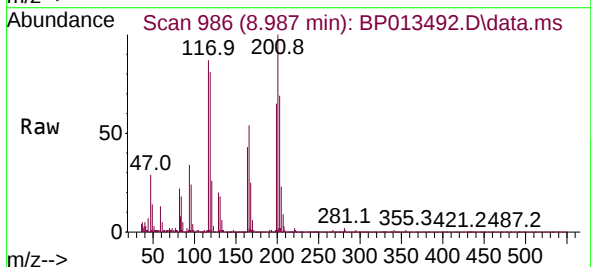
Manual Integrations
APPROVED

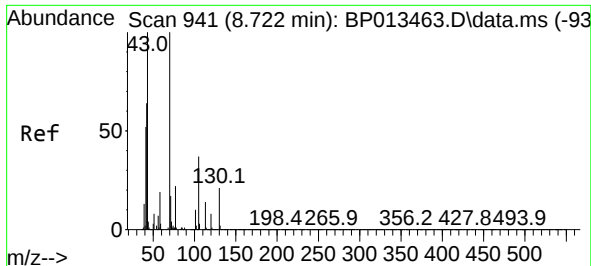
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 3.590 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:117 Resp: 60004
Ion Ratio Lower Upper
117 100
119 93.4 75.8 113.8
201 118.0 95.8 143.8





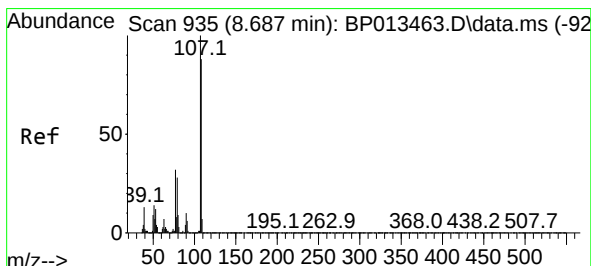
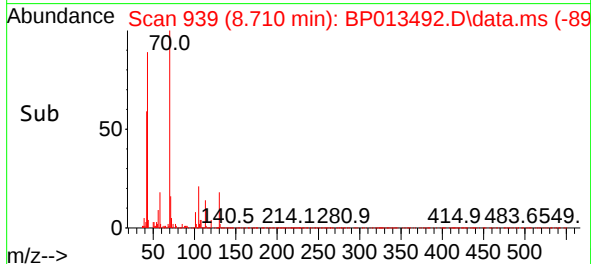
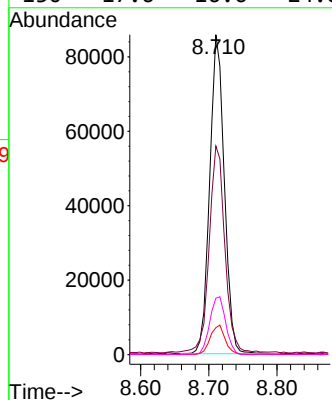
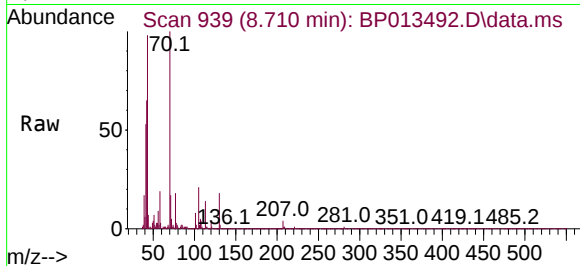
#19
n-Nitroso-di-n-propylamine
Concen: 3.332 ng
RT: 8.710 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion: 70 Resp: 127689
Ion Ratio Lower Upper
70 100
42 65.2 51.1 76.7
101 8.4 7.8 11.8
130 17.6 16.6 24.8

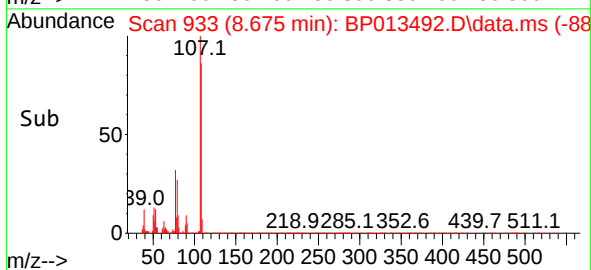
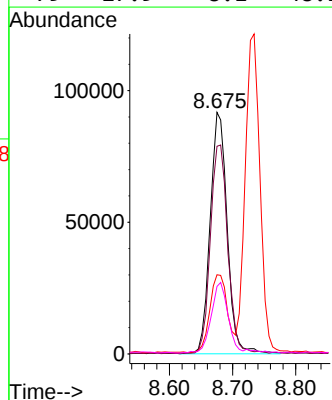
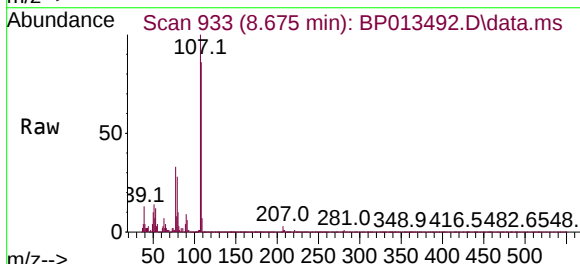
Manual Integrations
APPROVED

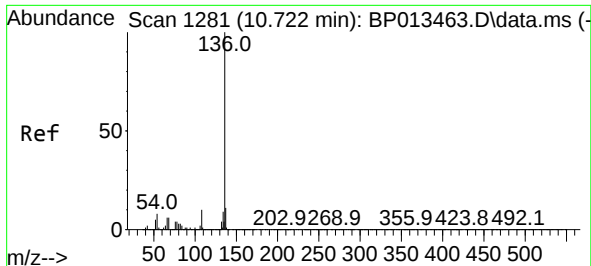
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#20
3+4-Methylphenols
Concen: 3.021 ng
RT: 8.675 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

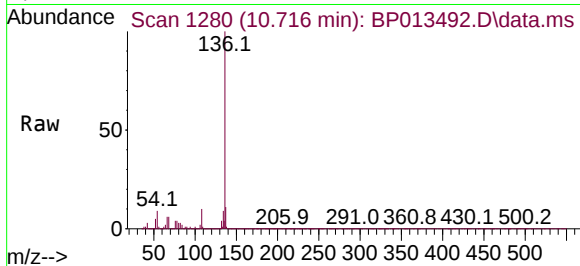
Tgt Ion:107 Resp: 172175
Ion Ratio Lower Upper
107 100
108 86.0 68.1 108.1
77 32.8 12.3 52.3
79 27.9 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

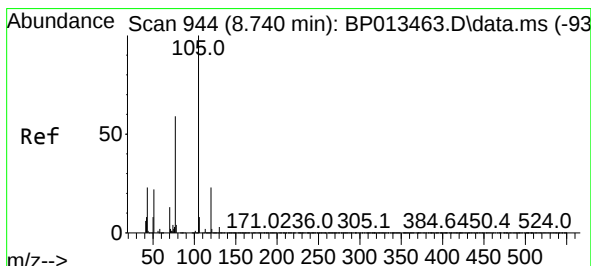
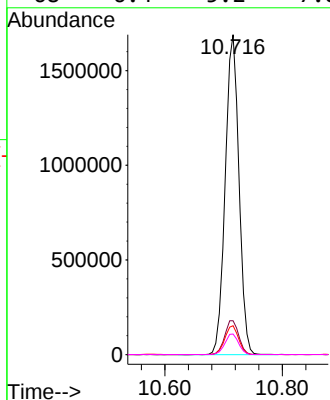
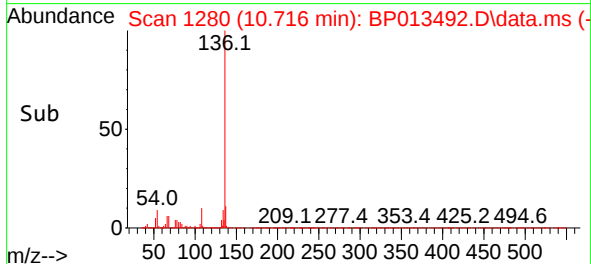
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:136 Resp: 2734520
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 6.6 10.0
68 6.4 5.2 7.8

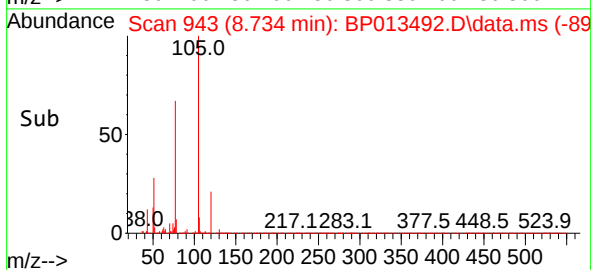
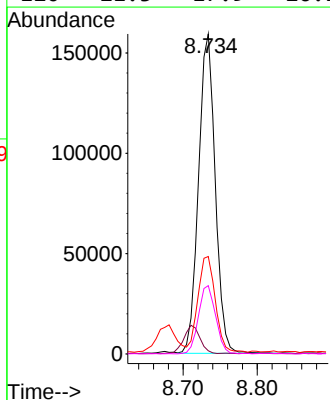
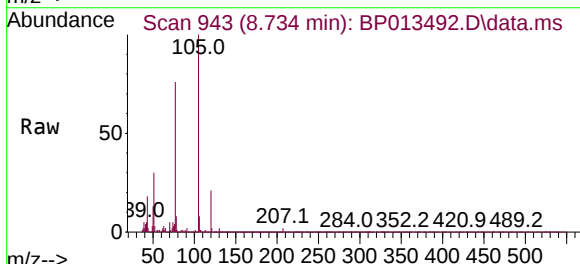
Manual Integrations
APPROVED

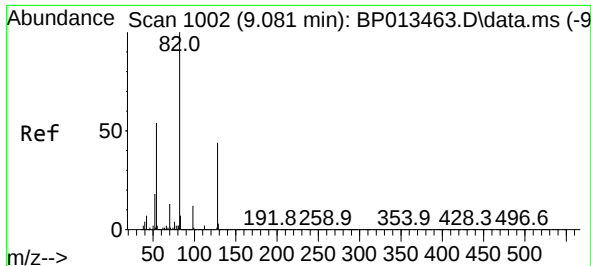
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 3.560 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:105 Resp: 249333
Ion Ratio Lower Upper
105 100
71 1.0 2.1 3.1#
51 30.4 23.3 34.9
120 21.3 17.9 26.9





#23

Nitrobenzene-d5

Concen: 69.940 ng

RT: 9.075 min Scan# 10

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion: 82 Resp: 3599838

Ion Ratio Lower Upper

82 100

128 44.1 35.4 53.0

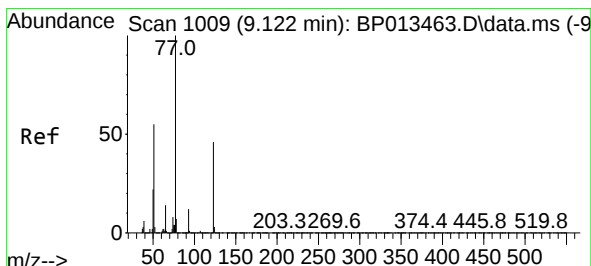
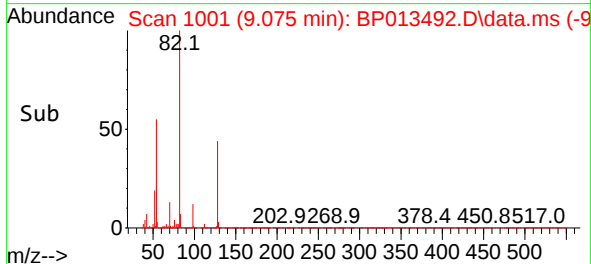
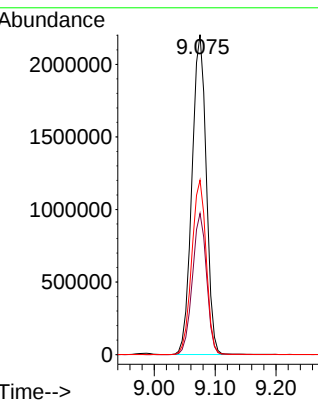
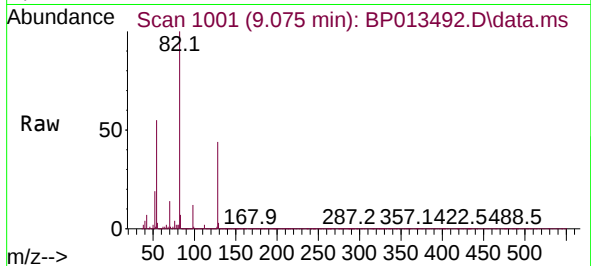
54 54.5 42.8 64.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#24

Nitrobenzene

Concen: 3.732 ng

RT: 9.116 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

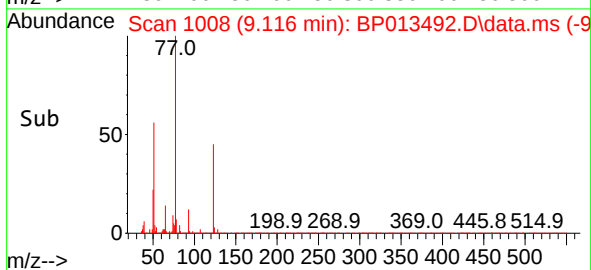
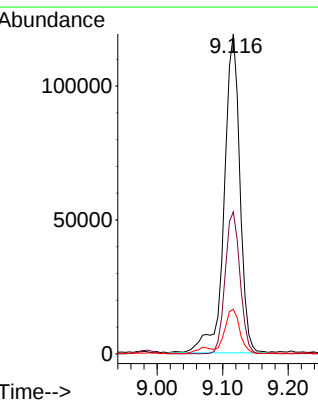
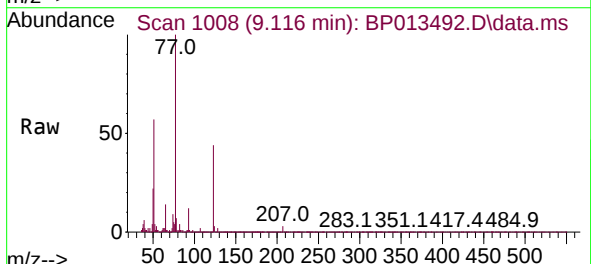
Tgt Ion: 77 Resp: 198671

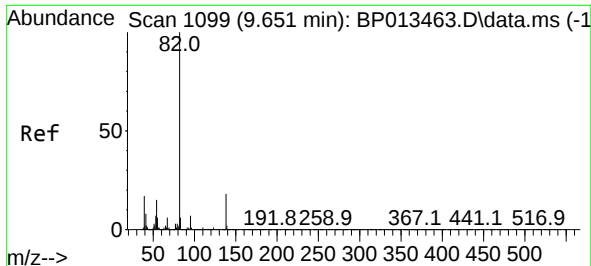
Ion Ratio Lower Upper

77 100

123 44.4 36.5 54.7

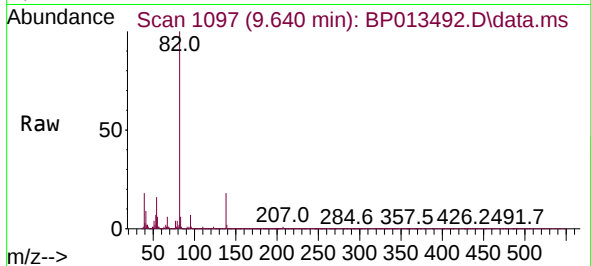
65 14.0 11.0 16.6





#25
Isophorone
Concen: 3.311 ng
RT: 9.640 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

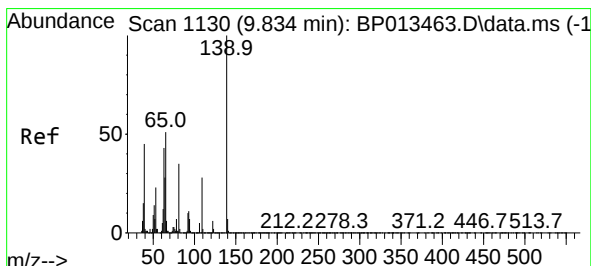
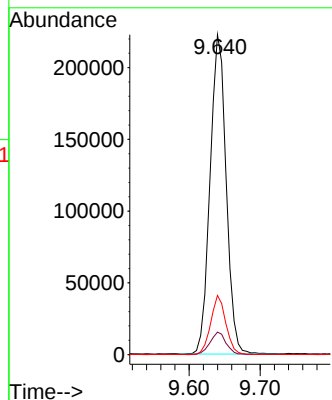
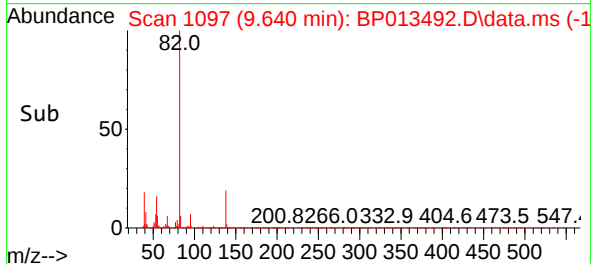
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 82 Resp: 350742
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.0
138 18.5 14.5 21.7

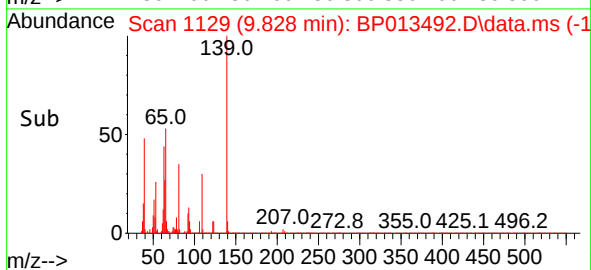
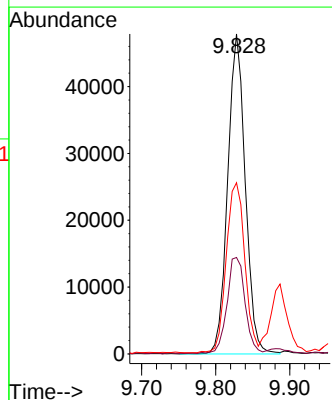
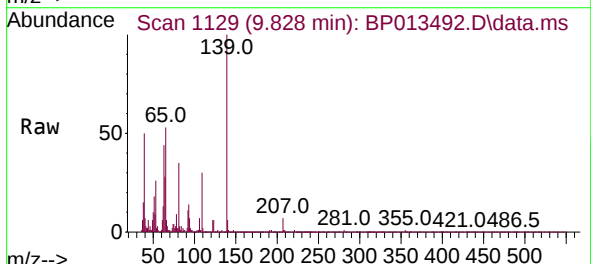
Manual Integrations
APPROVED

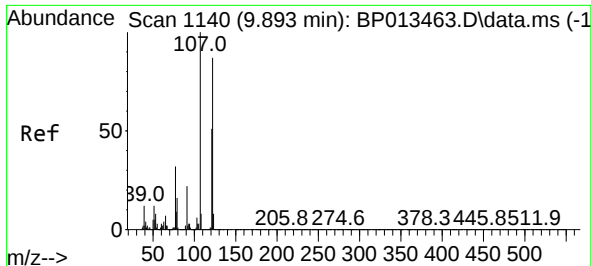
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#26
2-Nitrophenol
Concen: 2.989 ng
RT: 9.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:139 Resp: 78657
Ion Ratio Lower Upper
139 100
109 30.1 22.5 33.7
65 53.5 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 3.049 ng

RT: 9.887 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BP013492.D

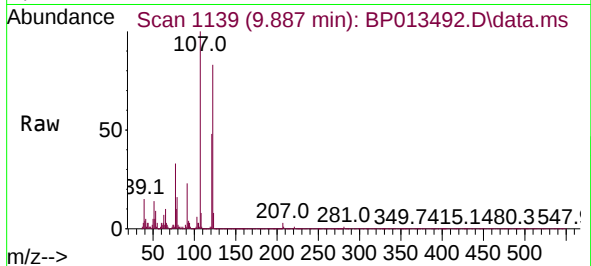
Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022



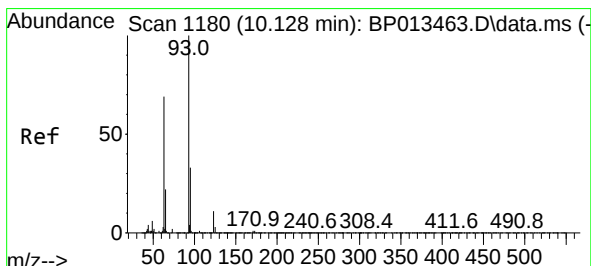
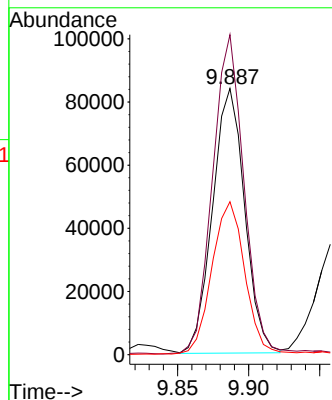
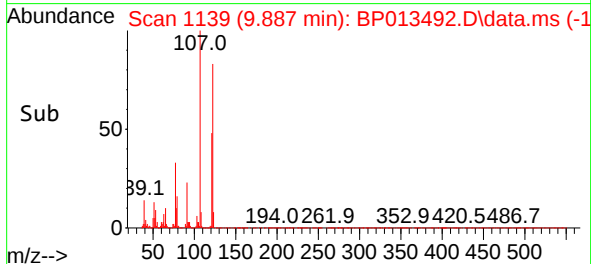
Tgt Ion:	122	Resp:	132102
Ion Ratio	Lower	Upper	
122	100		
107	120.2	91.6	137.4
121	57.5	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.501 ng

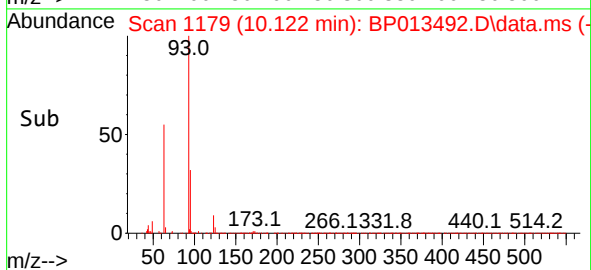
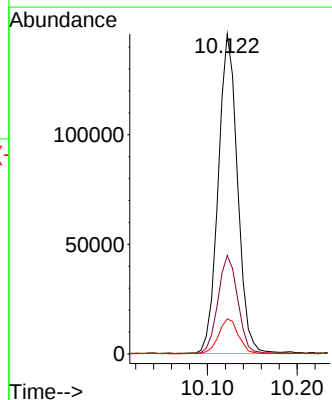
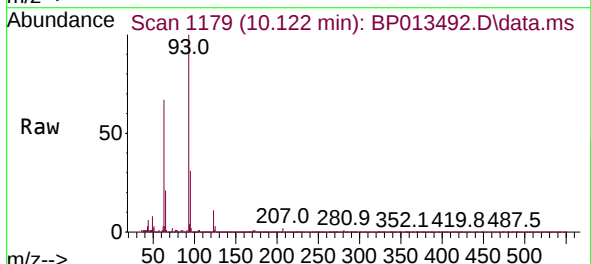
RT: 10.122 min Scan# 1179

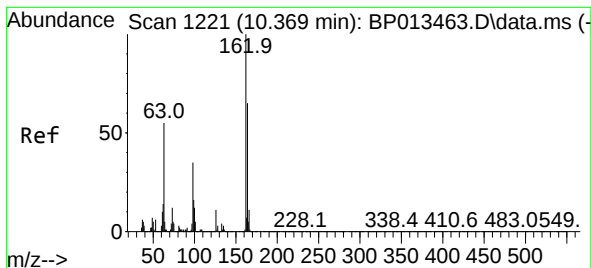
Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:	93	Resp:	218755
Ion Ratio	Lower	Upper	
93	100		
95	30.8	26.1	39.1
123	10.9	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 3.224 ng

RT: 10.363 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:162 Resp: 146566

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

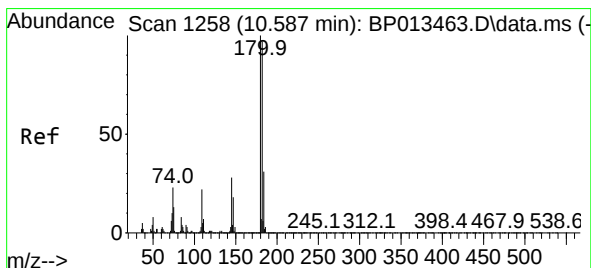
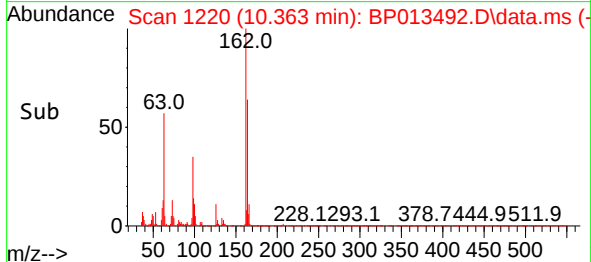
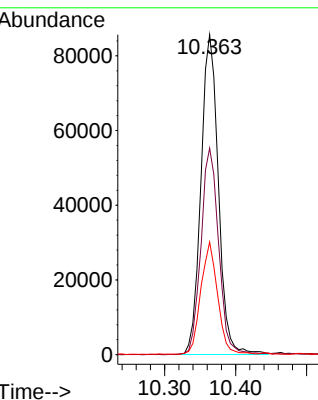
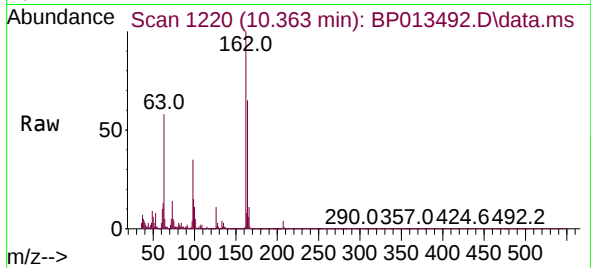
98 35.2 14.8 54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.587 ng

RT: 10.575 min Scan# 1256

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

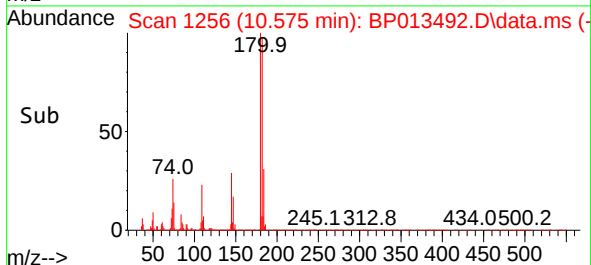
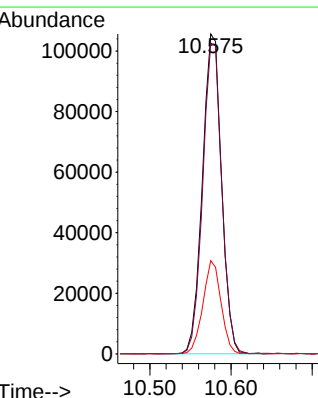
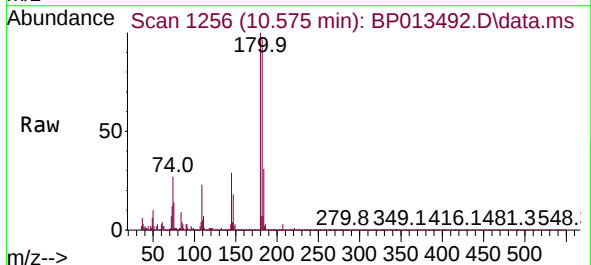
Tgt Ion:180 Resp: 172604

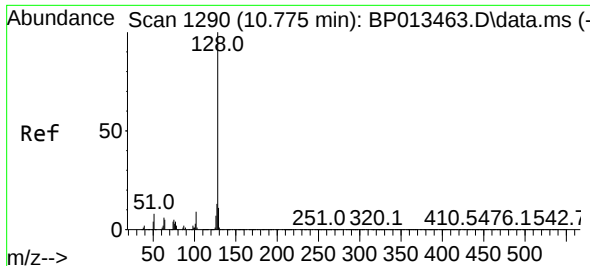
Ion Ratio Lower Upper

180 100

182 97.1 77.3 115.9

145 29.1 22.8 34.2





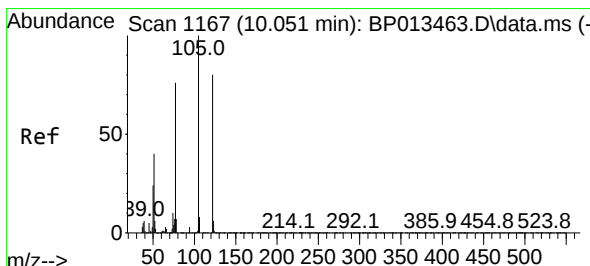
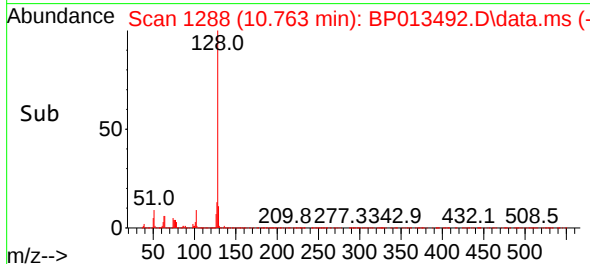
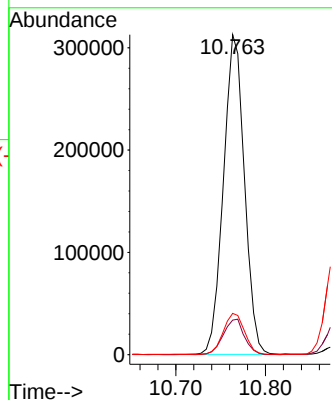
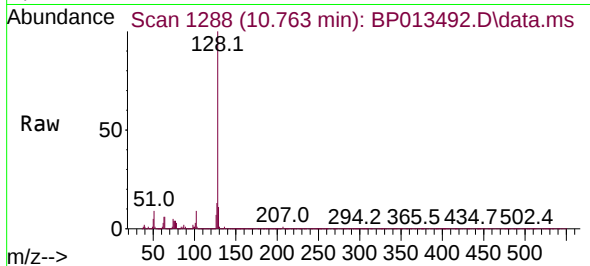
#31
Naphthalene
Concen: 3.533 ng
RT: 10.763 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:128 Resp: 510836
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.9 10.6 16.0

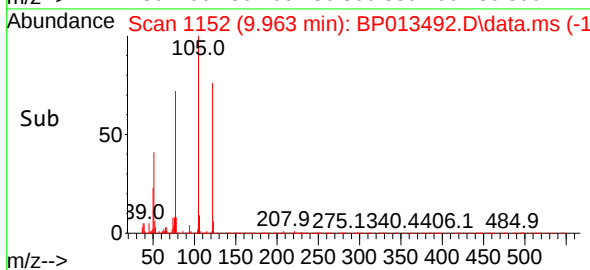
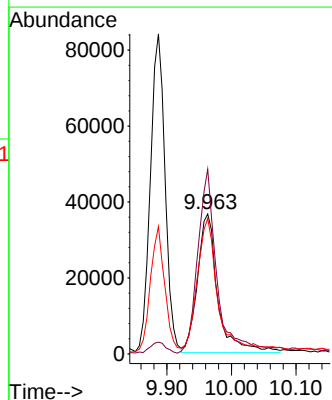
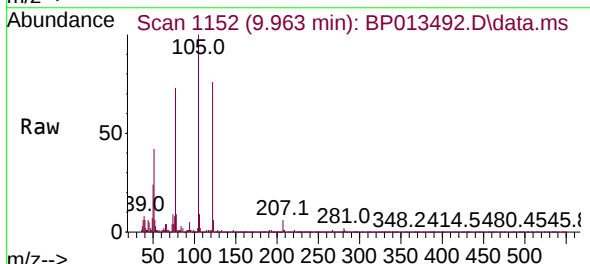
Manual Integrations
APPROVED

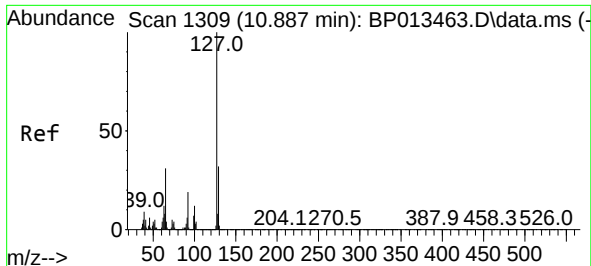
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 2.230 ng m
RT: 9.963 min Scan# 1152
Delta R.T. -0.088 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

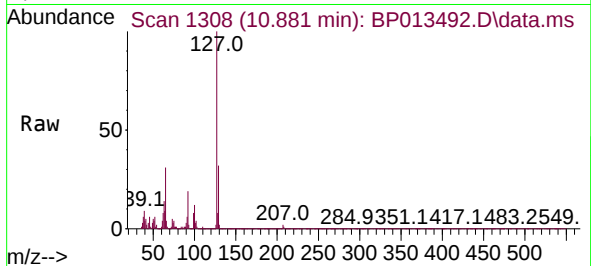
Tgt Ion:122 Resp: 80598
Ion Ratio Lower Upper
122 100
105 132.0 102.7 142.7
77 96.6 74.0 114.0





#33
4-Chloroaniline
Concen: 3.072 ng
RT: 10.881 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

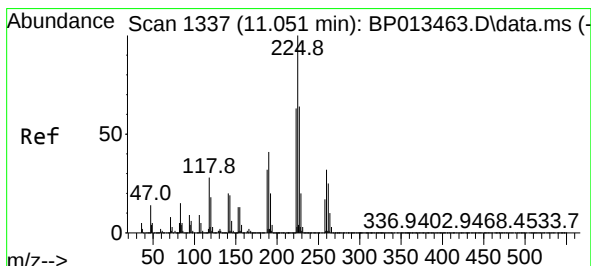
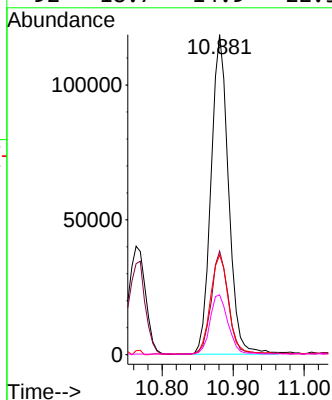
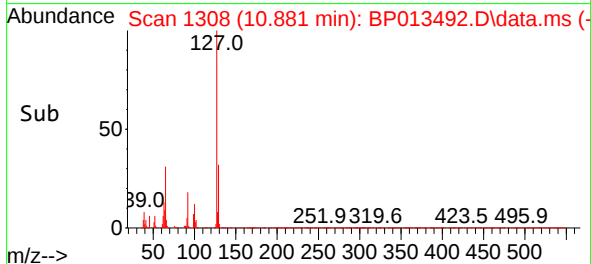


Tgt Ion:127 Resp: 202938

Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	31.1	25.2	37.8
92	18.7	14.9	22.3

Manual Integrations
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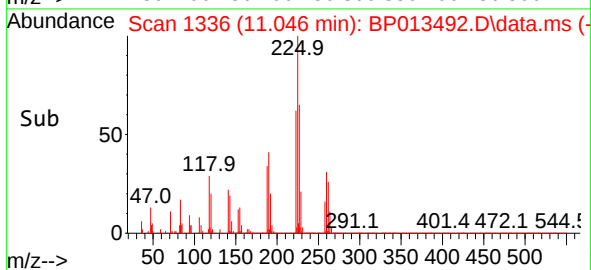
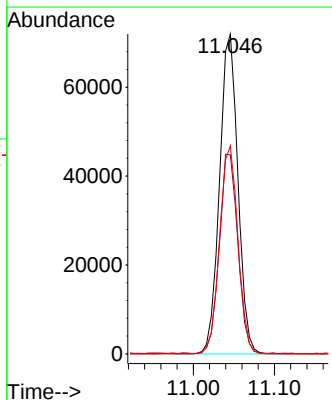
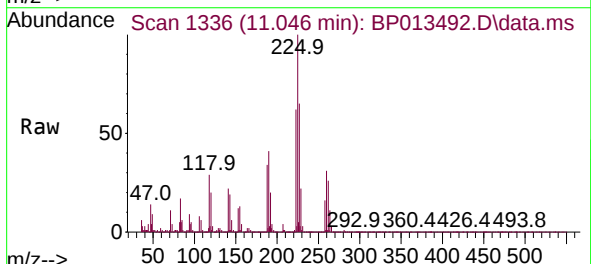
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

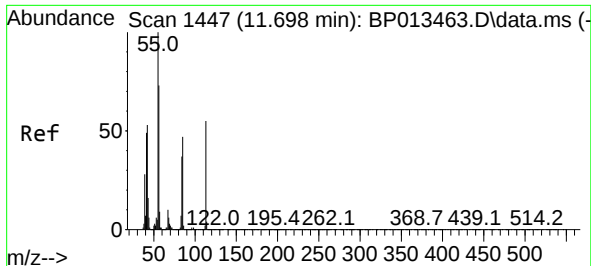


#34
Hexachlorobutadiene
Concen: 3.715 ng
RT: 11.046 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:225 Resp: 112661

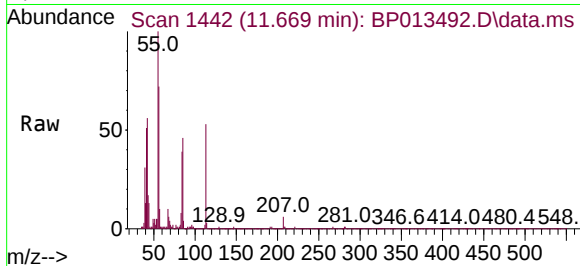
Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	65.0	51.0	76.6





#35
Caprolactam
Concen: 2.918 ng
RT: 11.669 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

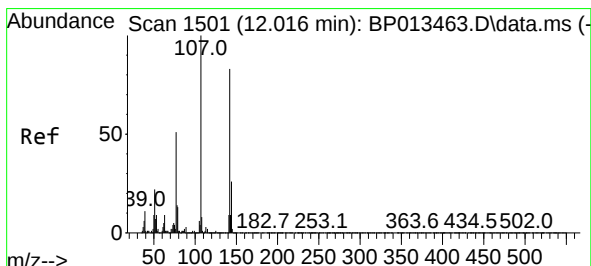
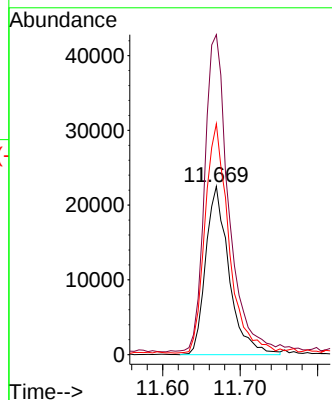
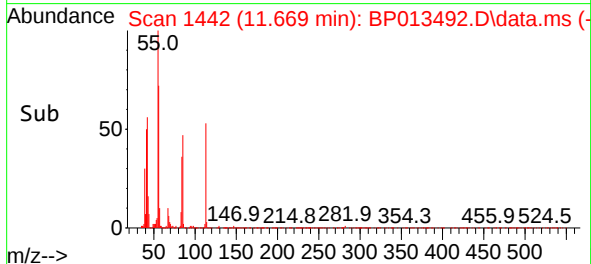
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:113 Resp: 47276
Ion Ratio Lower Upper
113 100
55 190.2 163.1 203.1
56 137.1 113.0 153.0

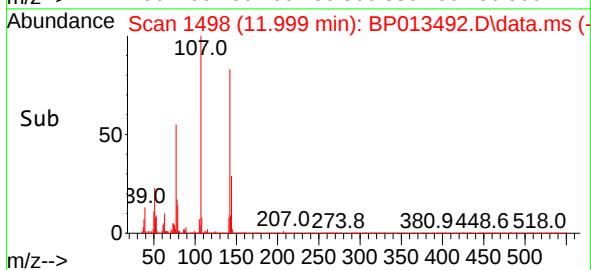
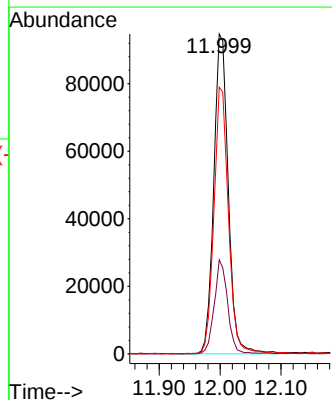
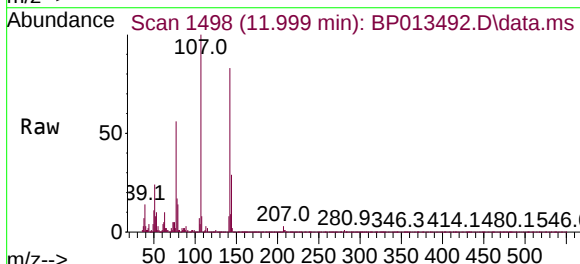
Manual Integrations
APPROVED

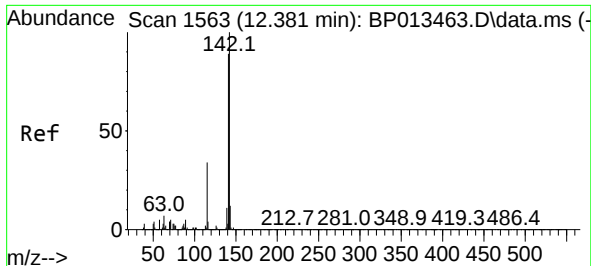
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#36
4-Chloro-3-methylphenol
Concen: 3.167 ng
RT: 11.999 min Scan# 1498
Delta R.T. -0.018 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:107 Resp: 156880
Ion Ratio Lower Upper
107 100
144 29.4 21.2 31.8
142 83.4 66.0 99.0





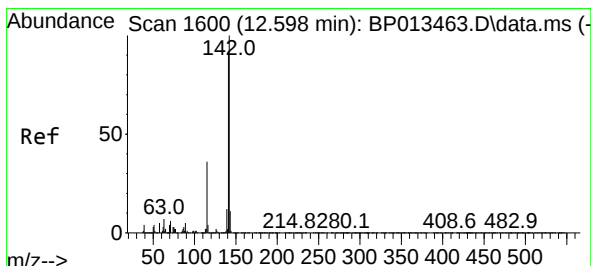
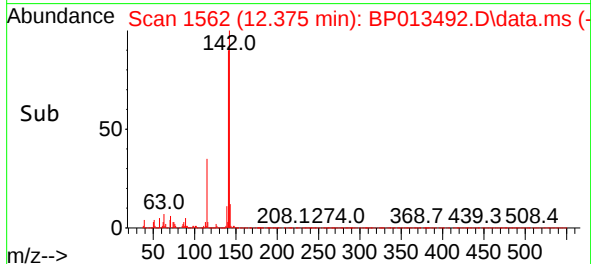
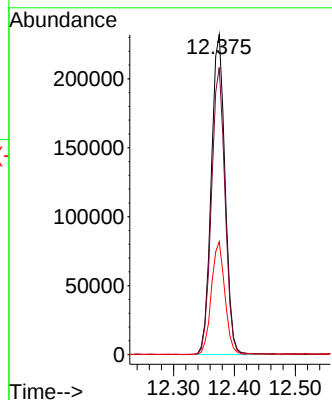
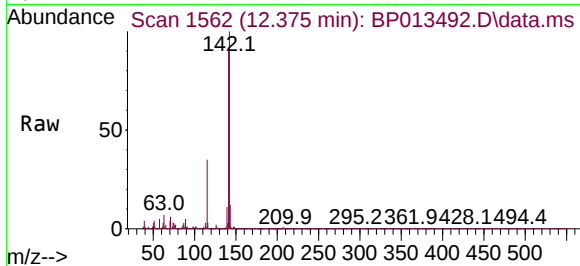
#37
2-Methylnaphthalene
Concen: 3.359 ng
RT: 12.375 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:142 Resp: 364674
Ion Ratio Lower Upper
142 100
141 89.7 71.1 106.7
115 35.3 27.6 41.4

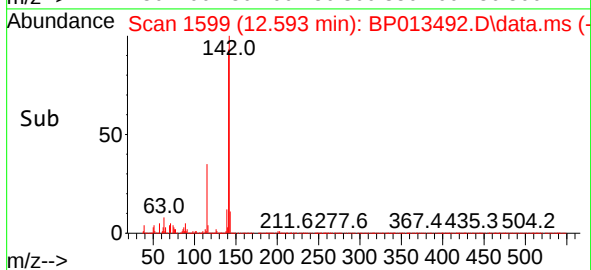
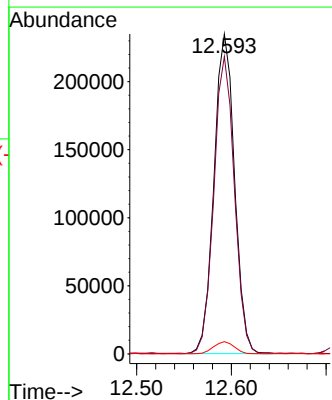
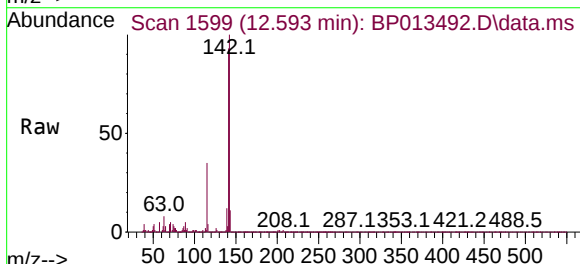
Manual Integrations
APPROVED

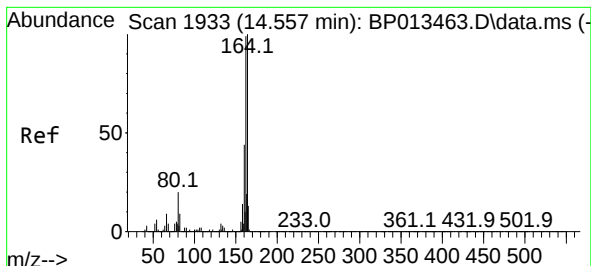
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38
1-Methylnaphthalene
Concen: 3.466 ng
RT: 12.593 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:142 Resp: 354988
Ion Ratio Lower Upper
142 100
141 92.9 73.3 109.9
116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1933

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

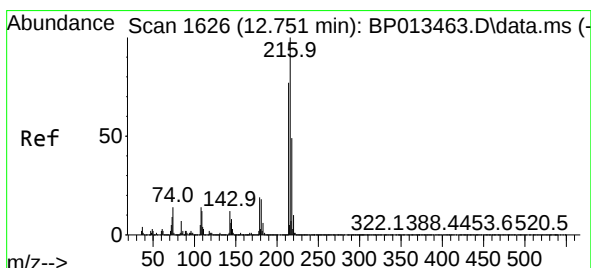
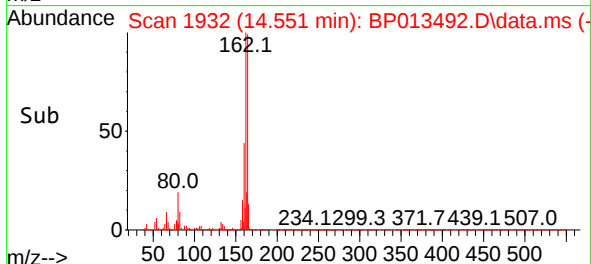
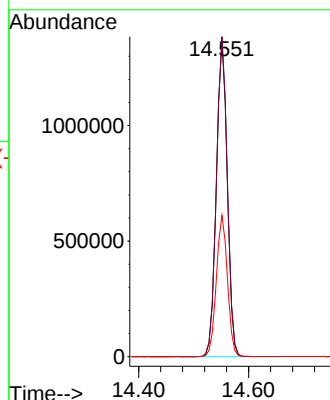
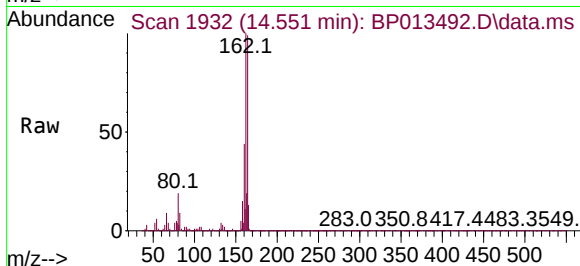
Tgt Ion:164 Resp: 188994

Ion	Ratio	Lower	Upper
164	100		
162	101.2	79.5	119.3
160	44.7	35.4	53.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.553 ng

RT: 12.740 min Scan# 1624

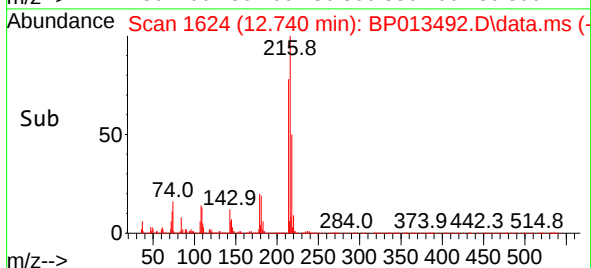
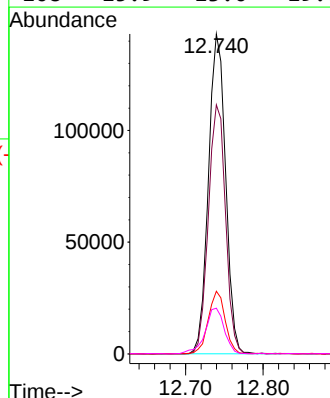
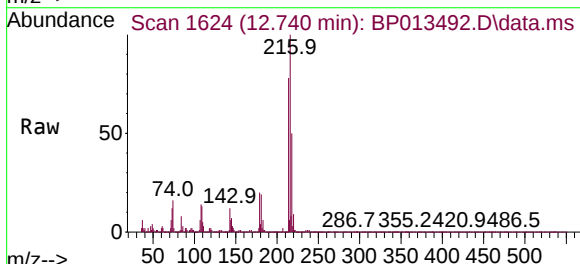
Delta R.T. -0.012 min

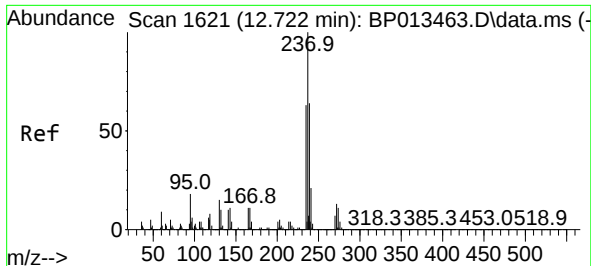
Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:216 Resp: 220076

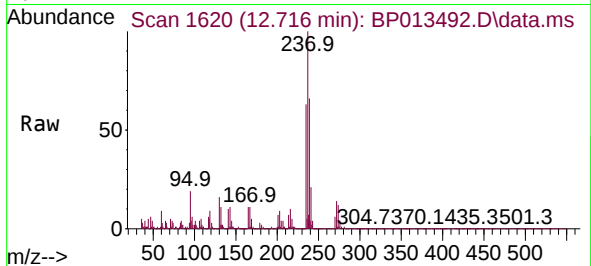
Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.1	93.1
179	19.1	15.6	23.4
108	15.9	13.0	19.6





#41
Hexachlorocyclopentadiene
Concen: 2.904 ng
RT: 12.716 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

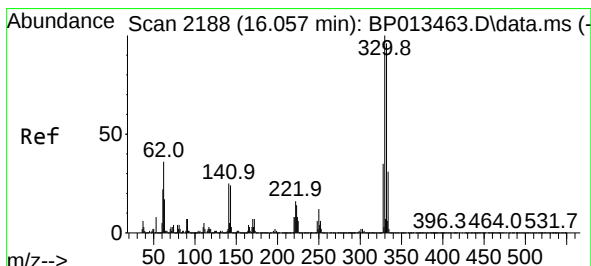
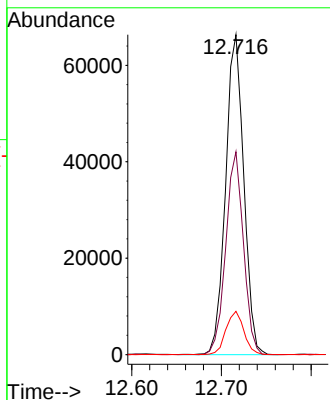
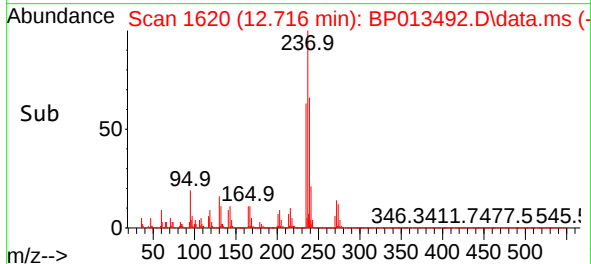
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 237 Resp: 93814
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 13.5 0.0 32.7

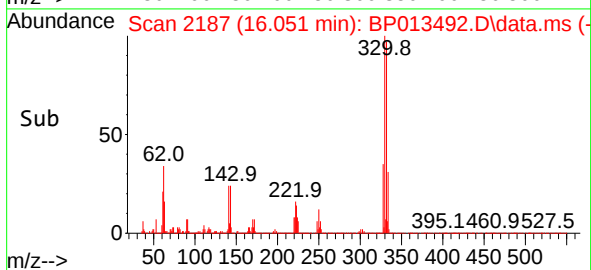
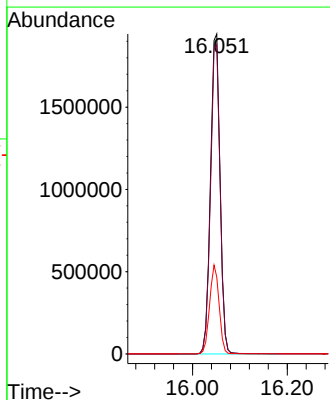
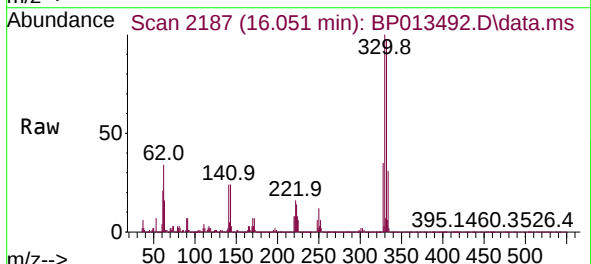
Manual Integrations
APPROVED

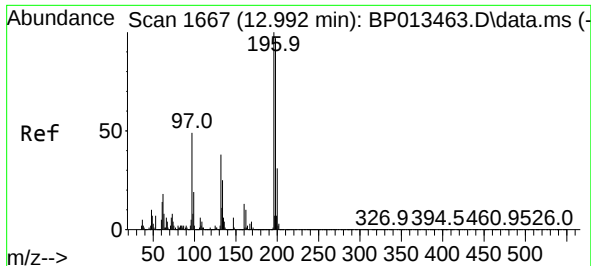
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#42
2,4,6-Tribromophenol
Concen: 92.509 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

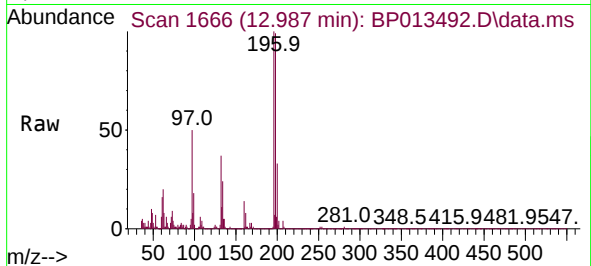
Tgt Ion: 330 Resp: 2729114
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 27.5 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 3.131 ng
RT: 12.987 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

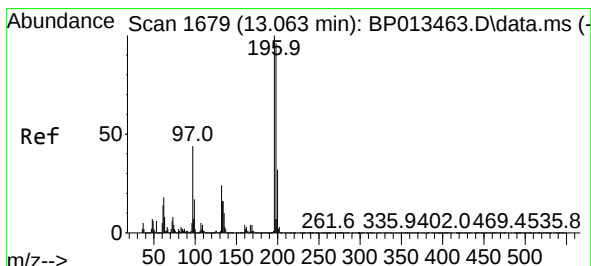
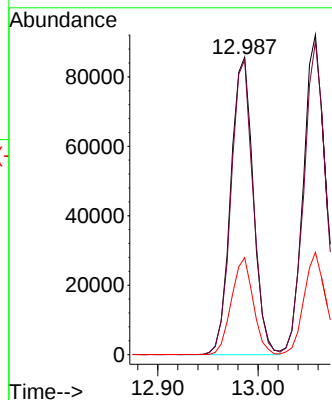
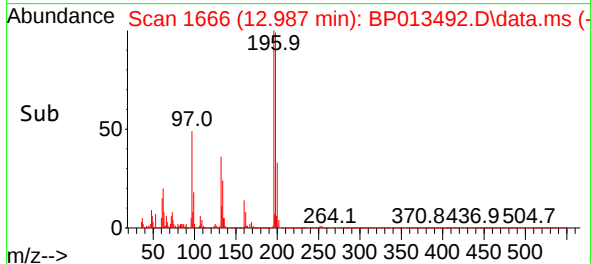
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:196 Resp: 133340
Ion Ratio Lower Upper
196 100
198 99.0 77.4 116.0
200 32.6 24.7 37.1

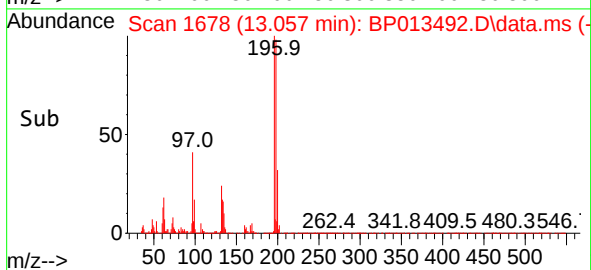
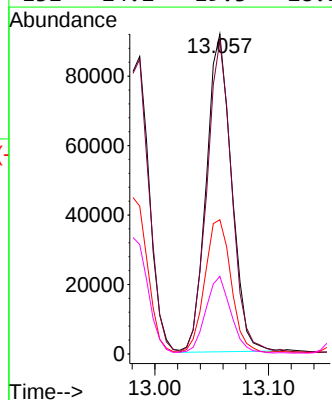
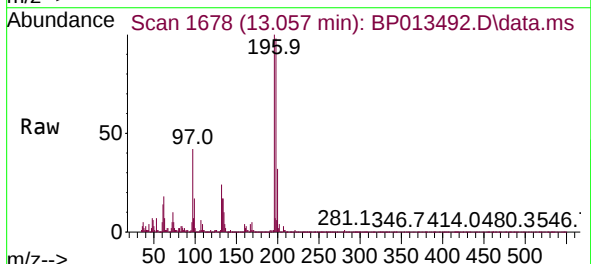
Manual Integrations
APPROVED

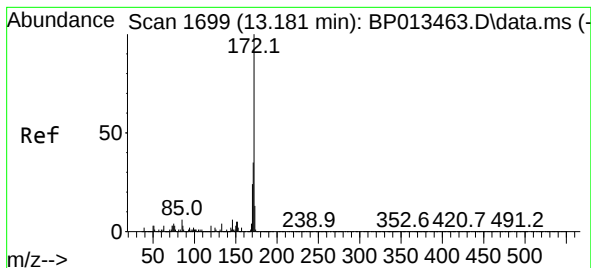
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#44
2,4,5-Trichlorophenol
Concen: 2.822 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:196 Resp: 141046
Ion Ratio Lower Upper
196 100
198 97.8 76.8 115.2
97 41.9 34.9 52.3
132 24.2 19.3 28.9





#45

2-Fluorobiphenyl

Concen: 70.305 ng

RT: 13.175 min Scan# 1699

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:172 Resp: 9089310

Ion Ratio Lower Upper

172 100

171 35.1 28.0 42.0

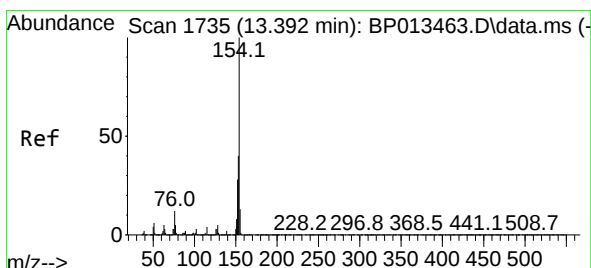
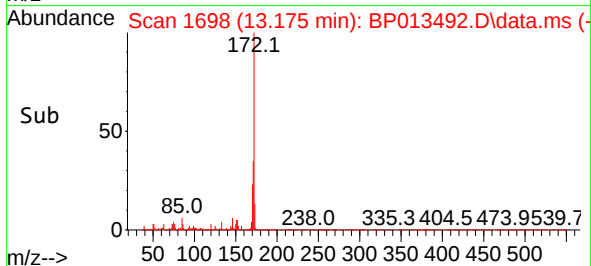
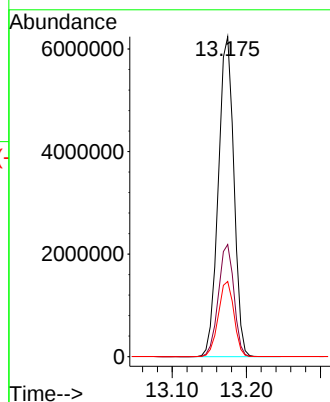
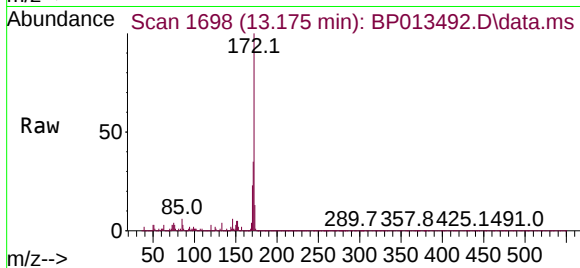
170 23.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#46

1,1'-Biphenyl

Concen: 3.671 ng

RT: 13.381 min Scan# 1733

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

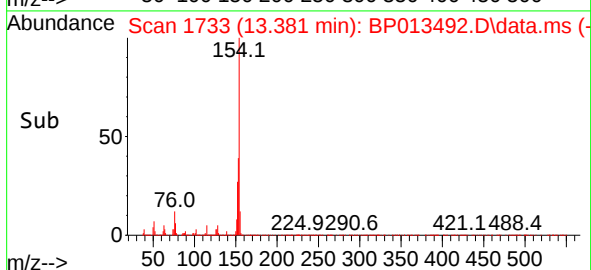
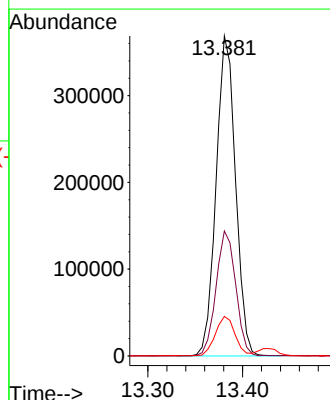
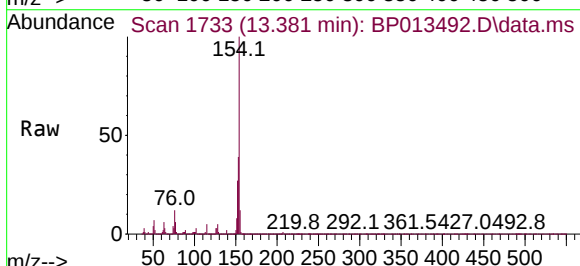
Tgt Ion:154 Resp: 524532

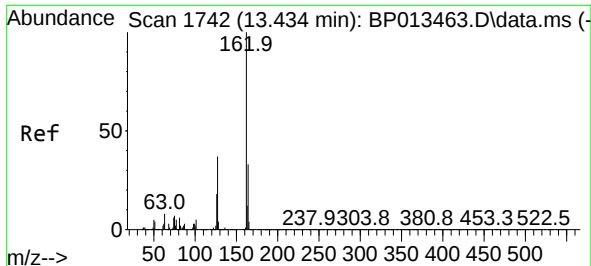
Ion Ratio Lower Upper

154 100

153 39.0 19.9 59.9

76 12.3 0.0 32.5





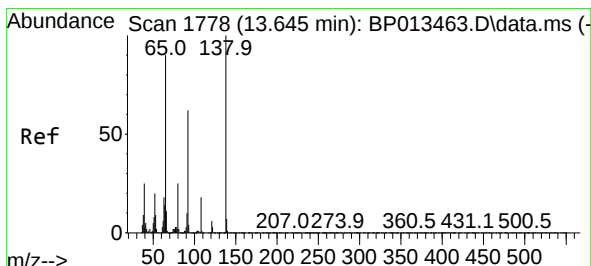
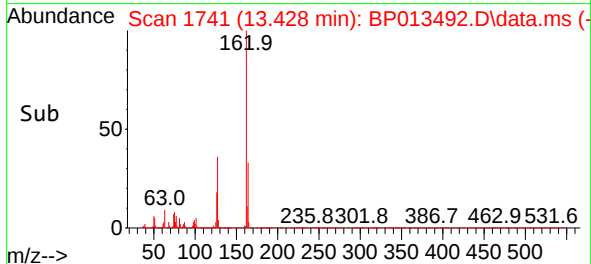
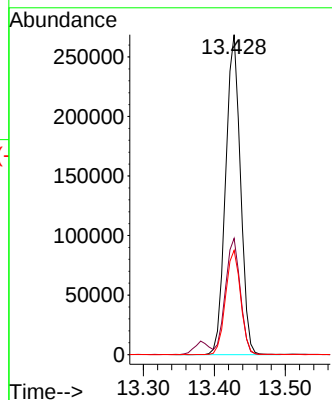
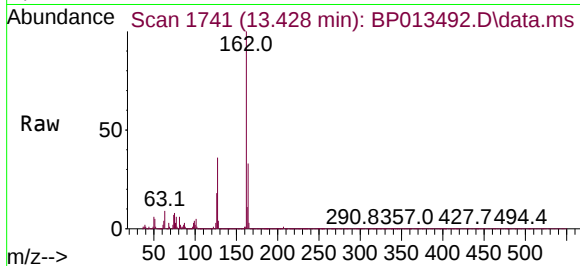
#47
2-Chloronaphthalene
Concen: 3.567 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion: 162 Resp: 390861
Ion Ratio Lower Upper
162 100
127 36.3 29.8 44.8
164 32.6 26.4 39.6

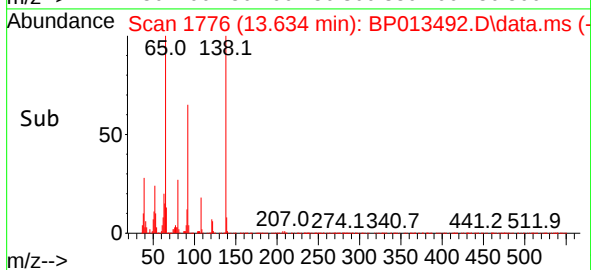
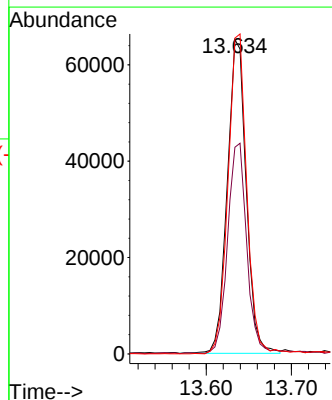
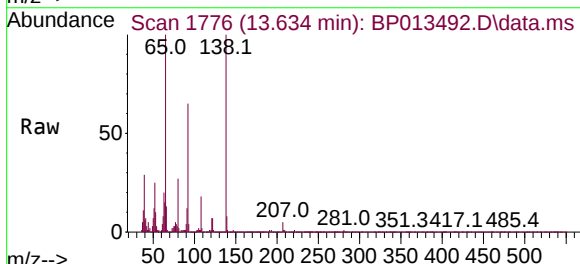
Manual Integrations
APPROVED

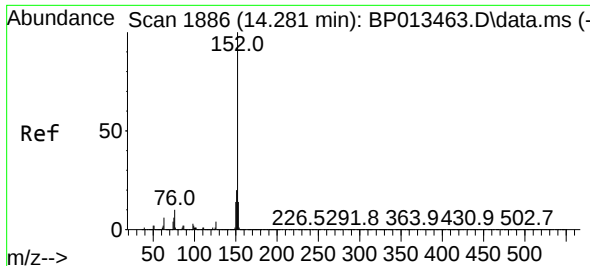
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#48
2-Nitroaniline
Concen: 2.785 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion: 65 Resp: 100453
Ion Ratio Lower Upper
65 100
92 65.7 55.1 82.7
138 100.5 88.5 132.7





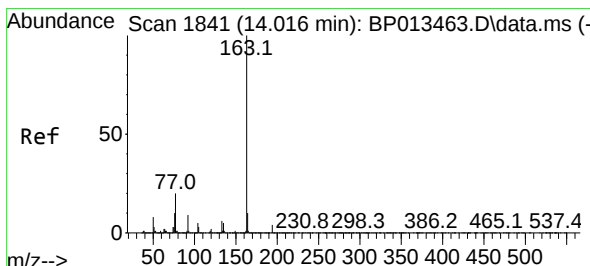
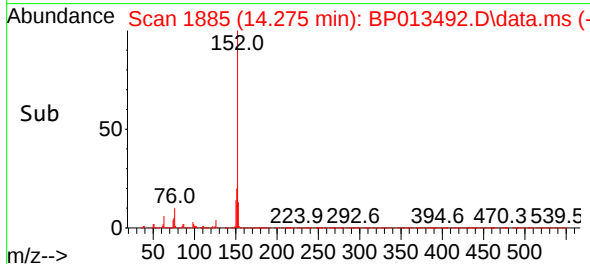
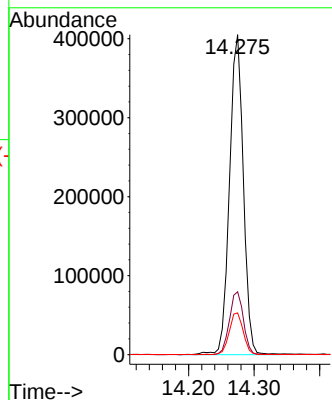
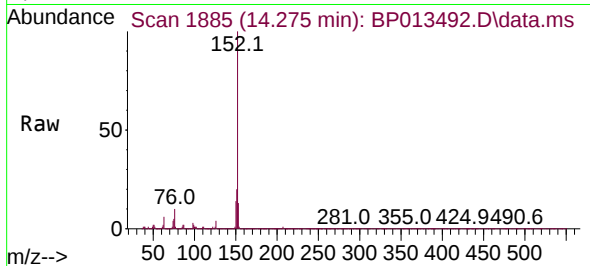
#49
Acenaphthylene
Concen: 3.286 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:152 Resp: 593861
Ion Ratio Lower Upper
152 100
151 19.6 16.0 24.0
153 13.0 10.9 16.3

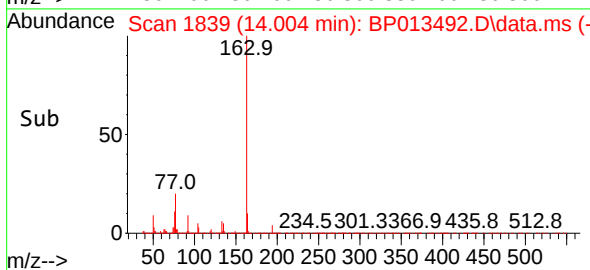
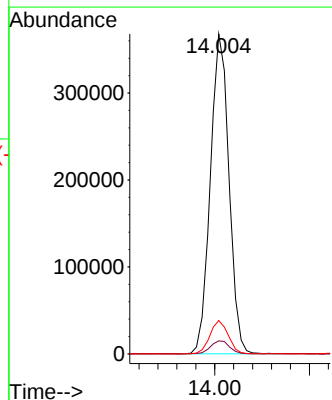
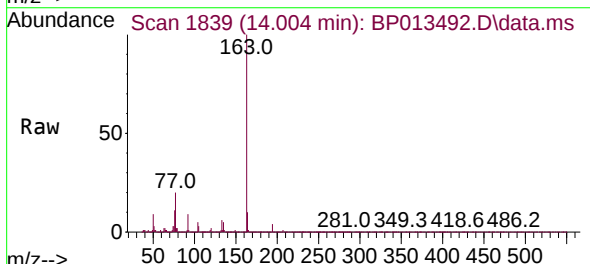
Manual Integrations
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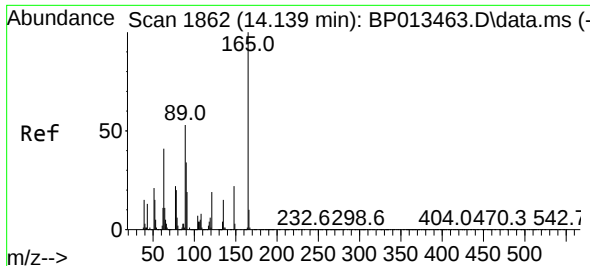
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#50
Dimethylphthalate
Concen: 3.357 ng
RT: 14.004 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:163 Resp: 503171
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.4 8.3 12.5





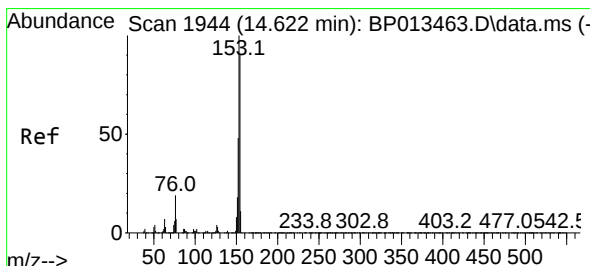
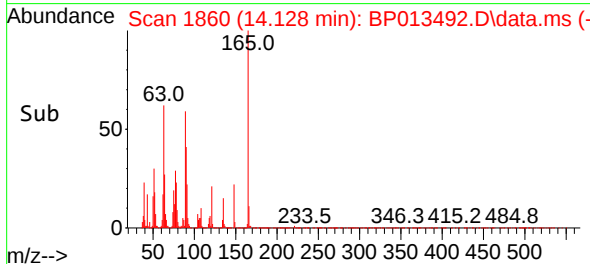
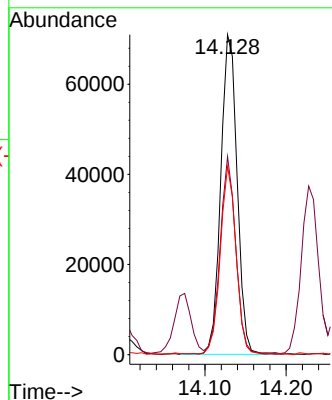
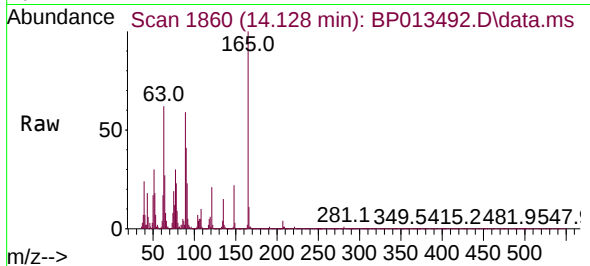
#51
2,6-Dinitrotoluene
Concen: 3.034 ng
RT: 14.128 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:165 Resp: 99182
Ion Ratio Lower Upper
165 100
63 61.9 42.8 64.2
89 58.8 42.5 63.7

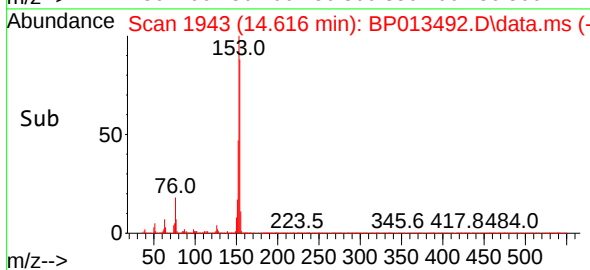
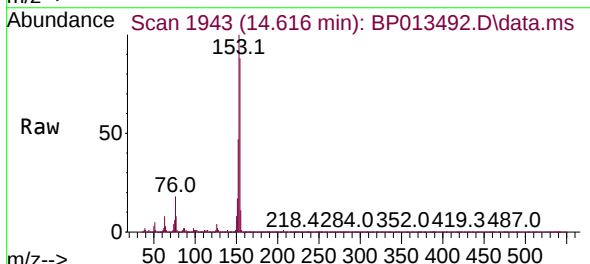
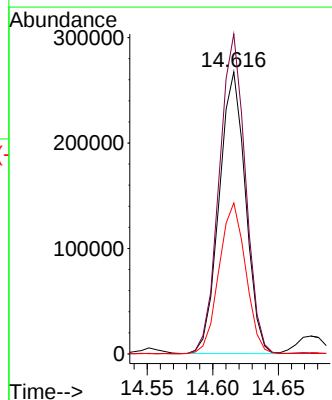
Manual Integrations
APPROVED

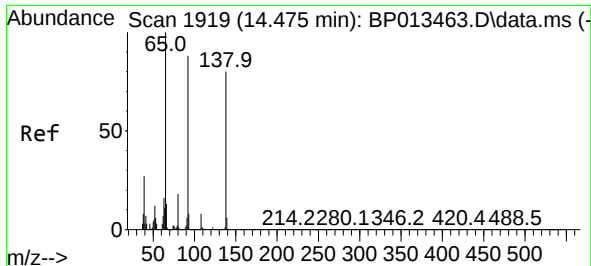
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#52
Acenaphthene
Concen: 3.484 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:154 Resp: 372639
Ion Ratio Lower Upper
154 100
153 113.5 89.2 133.8
152 53.5 42.8 64.2





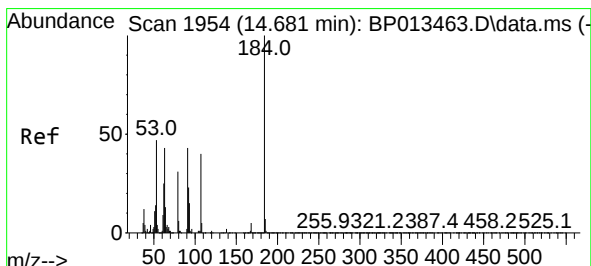
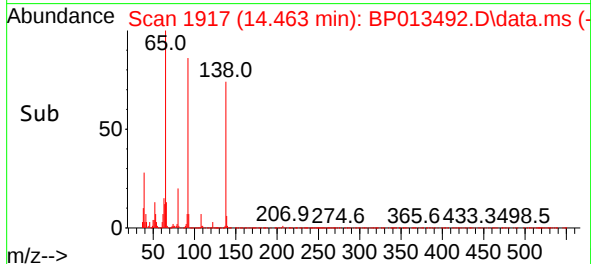
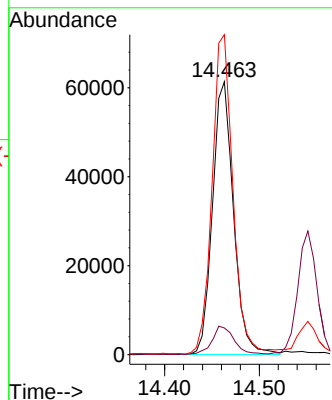
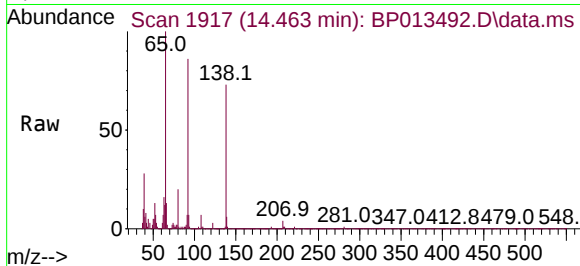
#53
3-Nitroaniline
Concen: 2.701 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:138 Resp: 94483
Ion Ratio Lower Upper
138 100
108 9.8 7.7 11.5
92 117.3 88.2 132.2

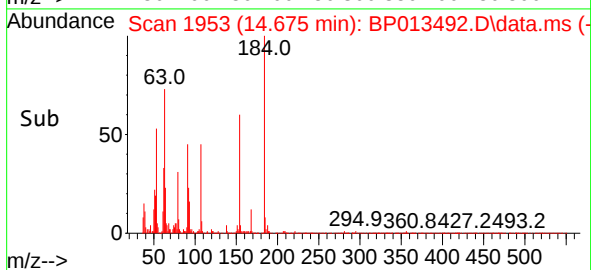
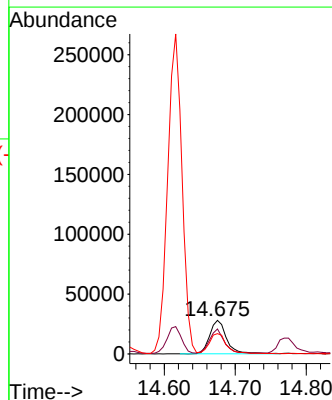
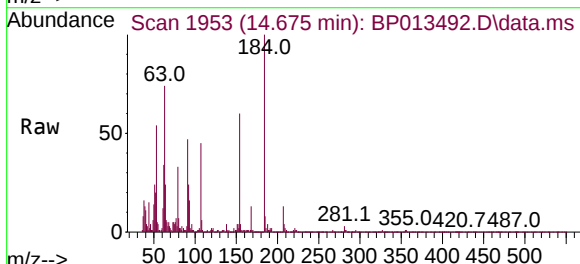
Manual Integrations
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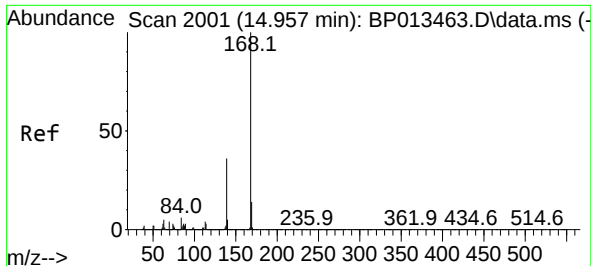
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#54
2,4-Dinitrophenol
Concen: 2.089 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

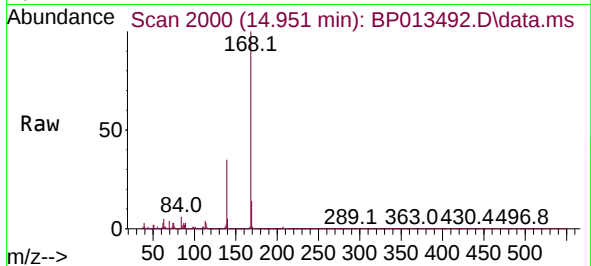
Tgt Ion:184 Resp: 46409
Ion Ratio Lower Upper
184 100
63 74.0 49.8 74.8
154 60.3 45.8 68.8





#55
Dibenzofuran
Concen: 3.506 ng
RT: 14.951 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

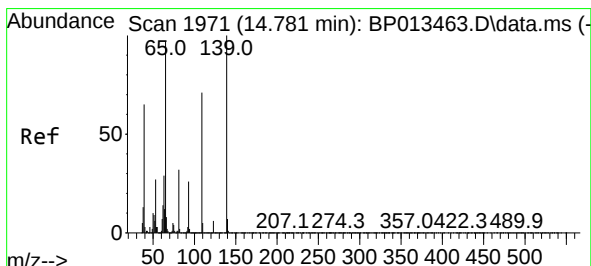
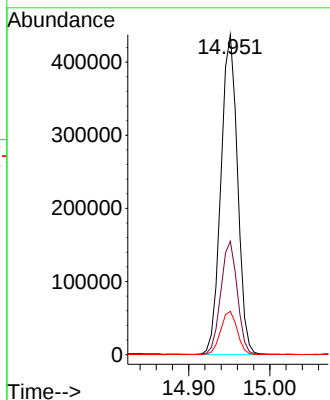
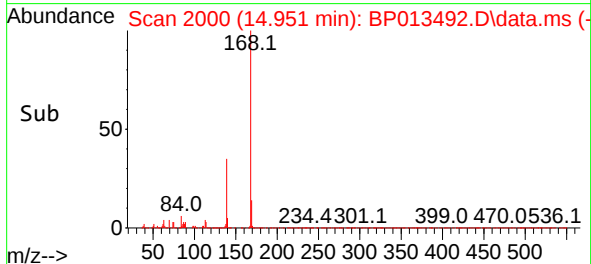
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:168 Resp: 621828
Ion Ratio Lower Upper
168 100
139 35.4 28.6 43.0
169 13.5 11.0 16.6

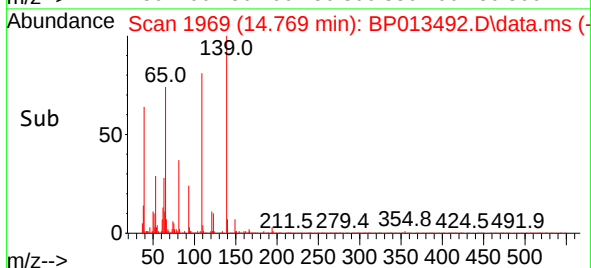
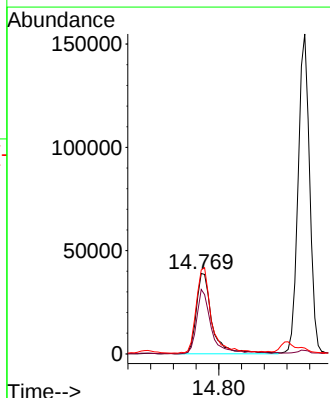
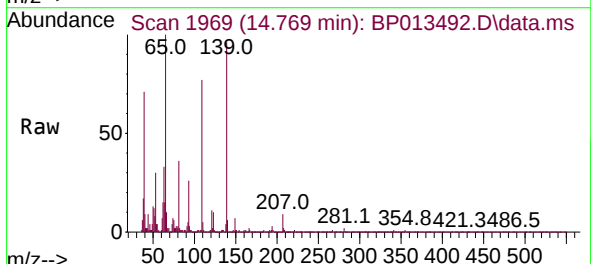
Manual Integrations
APPROVED

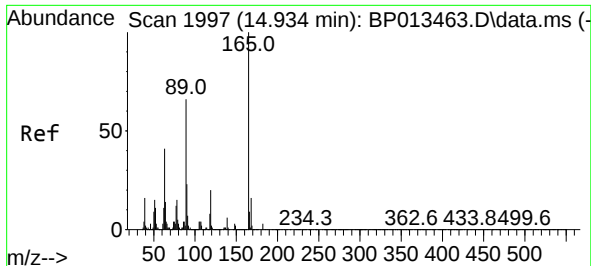
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 2.665 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

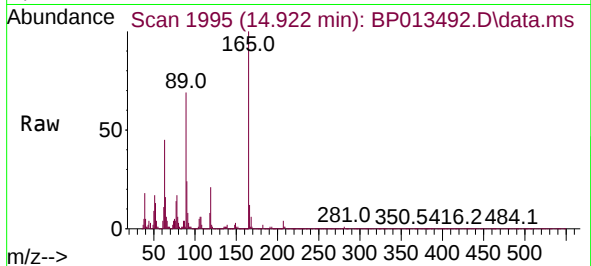
Tgt Ion:139 Resp: 74891
Ion Ratio Lower Upper
139 100
109 80.2 51.0 91.0
65 104.5 77.3 117.3





#57
2,4-Dinitrotoluene
Concen: 2.838 ng
RT: 14.922 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

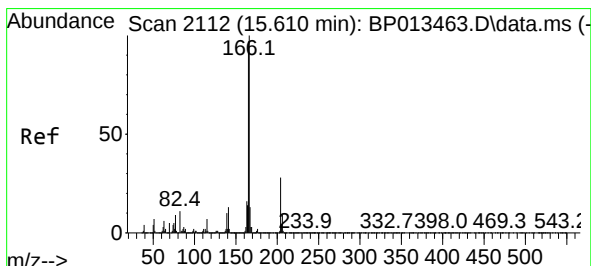
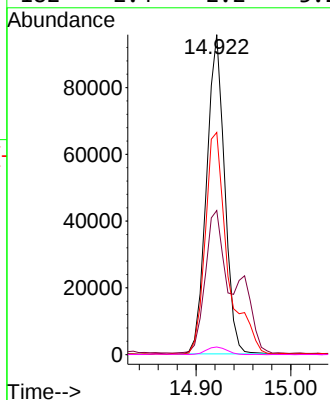
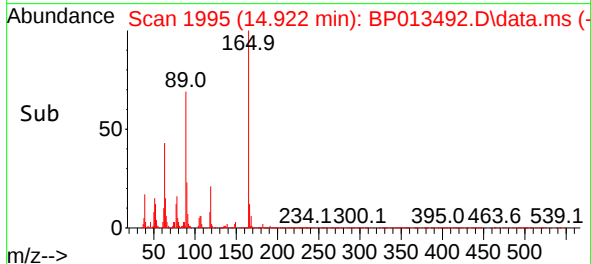
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



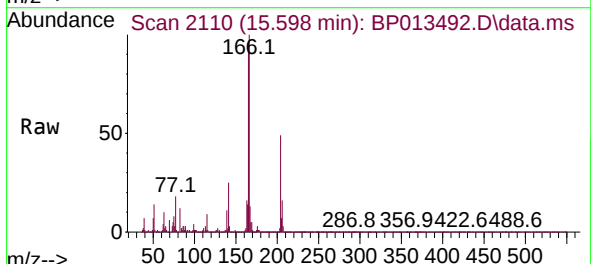
Tgt Ion:165 Resp: 126897
Ion Ratio Lower Upper
165 100
63 45.0 33.3 49.9
89 69.4 52.6 78.8
182 2.4 2.2 3.2

Manual Integrations
APPROVED

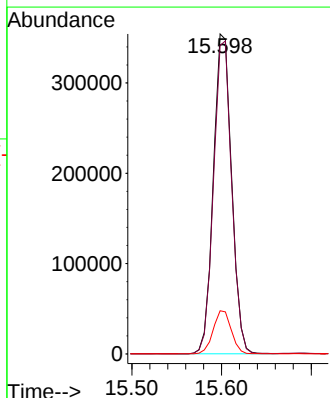
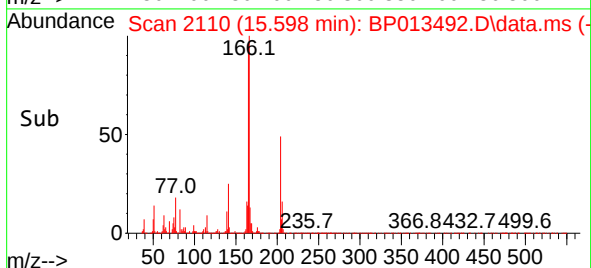
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

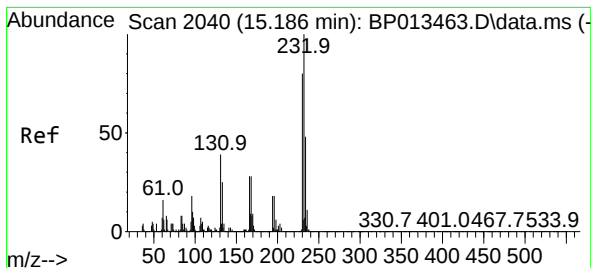


#58
Fluorene
Concen: 3.569 ng
RT: 15.598 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29



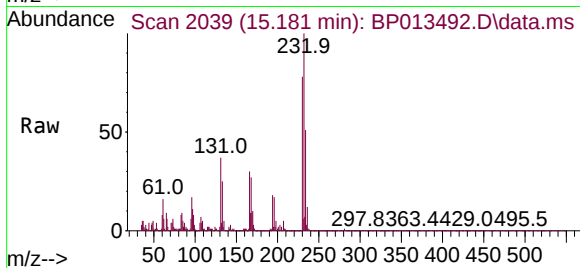
Tgt Ion:166 Resp: 499525
Ion Ratio Lower Upper
166 100
165 96.4 77.9 116.9
167 13.5 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.142 ng
RT: 15.181 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

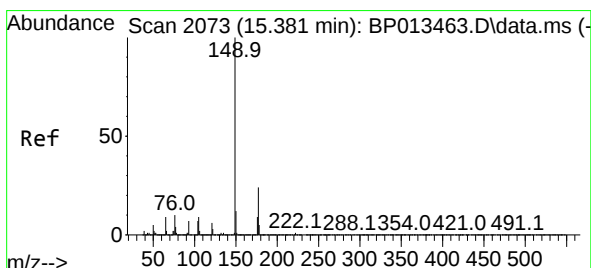
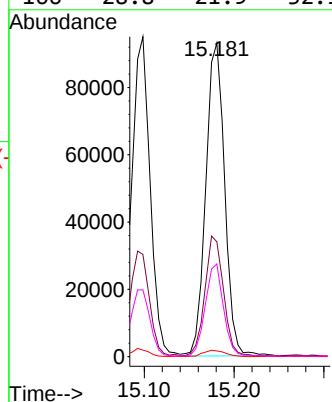
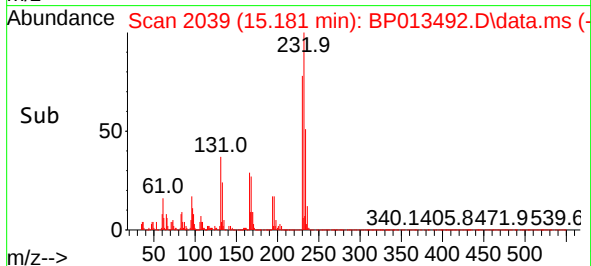
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:232 Resp: 135771
Ion Ratio Lower Upper
232 100
131 37.9 30.3 45.5
130 2.4 1.7 2.5
166 28.8 21.9 32.9

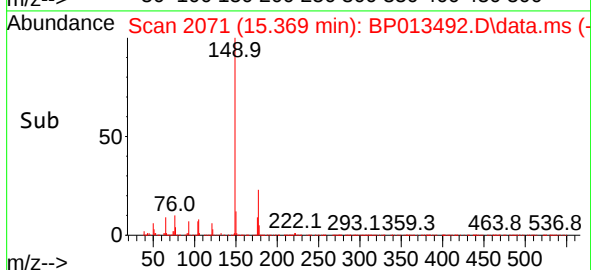
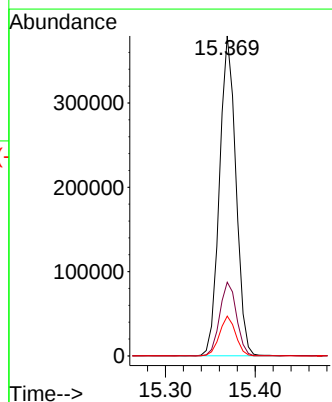
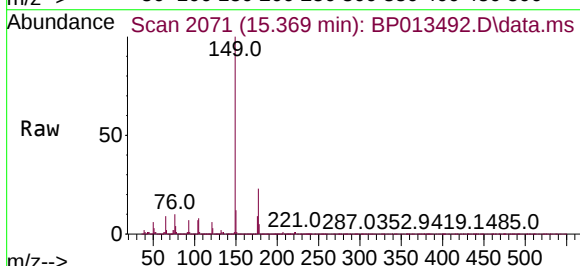
Manual Integrations
APPROVED

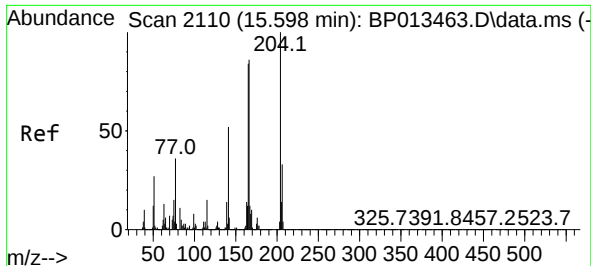
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#60
Diethylphthalate
Concen: 3.307 ng
RT: 15.369 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

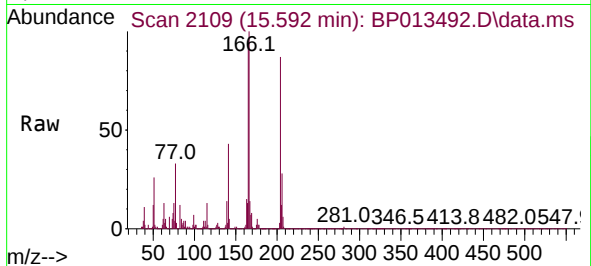
Tgt Ion:149 Resp: 484908
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 3.596 ng
RT: 15.592 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

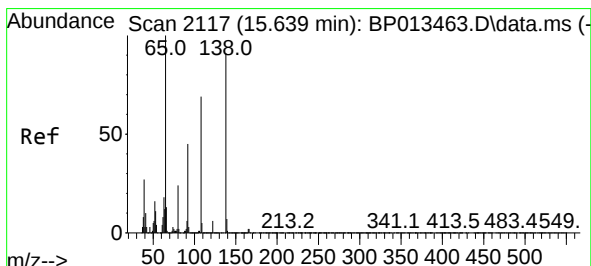
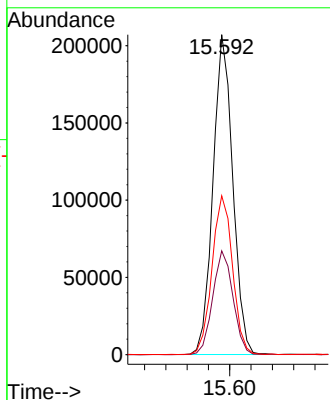
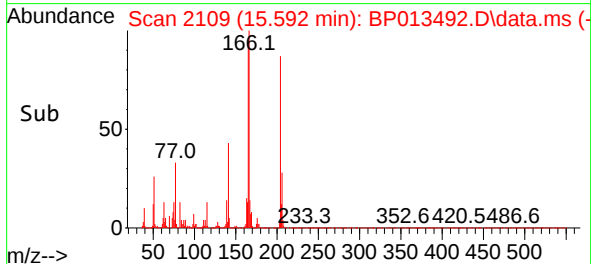
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:204 Resp: 267290
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 49.6 41.3 61.9

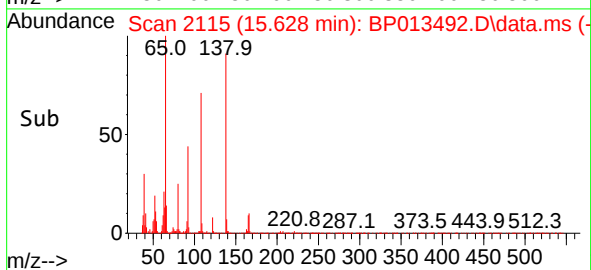
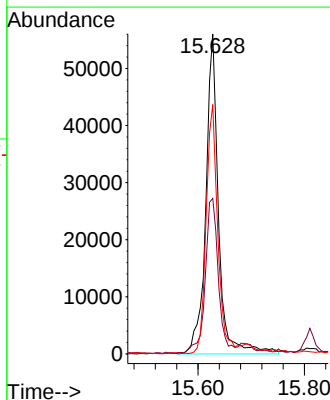
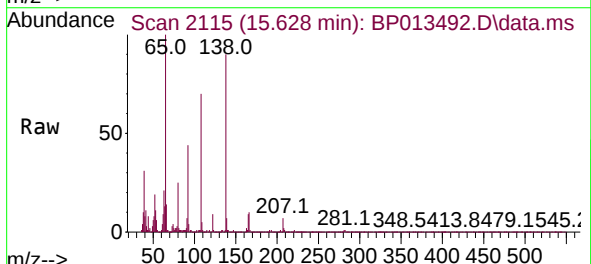
Manual Integrations
APPROVED

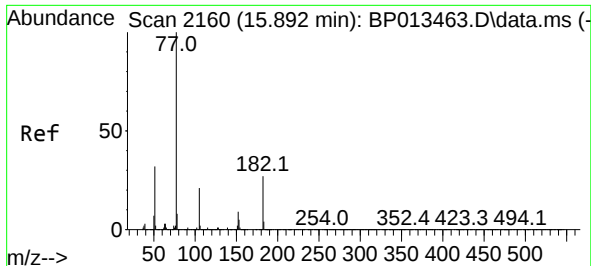
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#62
4-Nitroaniline
Concen: 2.597 ng m
RT: 15.628 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

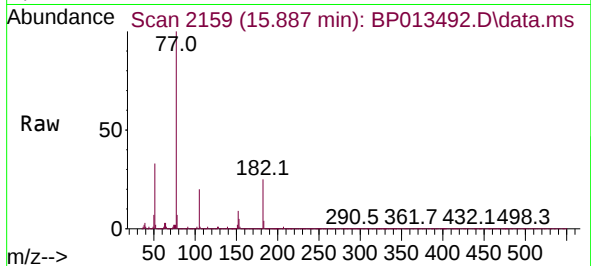
Tgt Ion:138 Resp: 93012
Ion Ratio Lower Upper
138 100
92 48.6 29.7 69.7
108 77.9 55.8 95.8





#63
Azobenzene
Concen: 3.234 ng
RT: 15.887 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

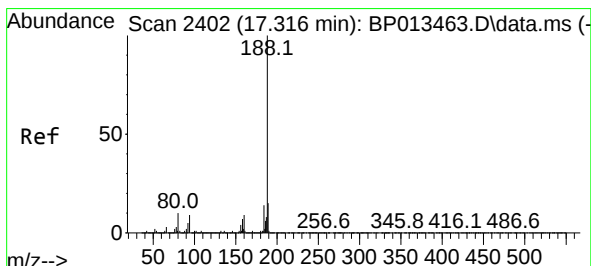
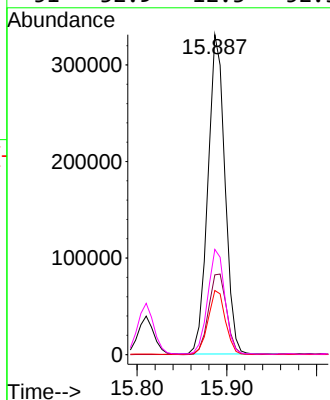
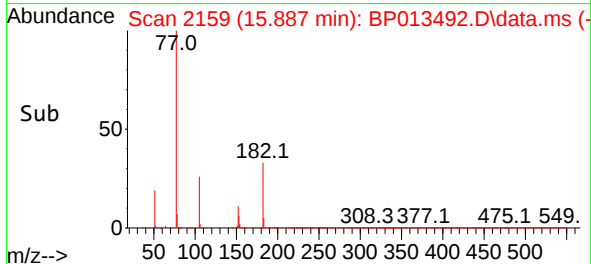
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



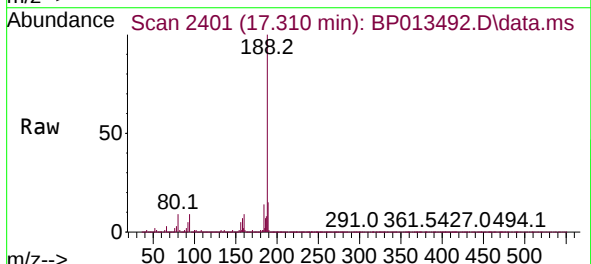
Tgt Ion: 77 Resp: 435427
Ion Ratio Lower Upper
77 100
182 24.9 7.0 47.0
105 20.0 1.0 41.0
51 32.9 12.3 52.3

Manual Integrations
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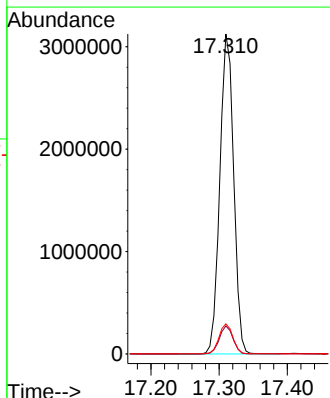
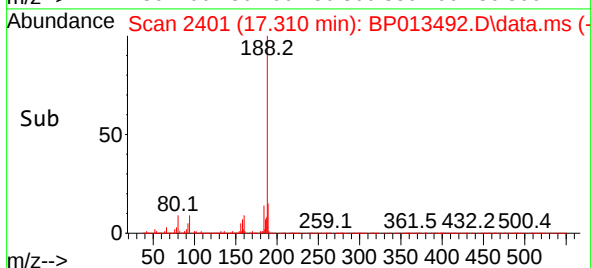
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

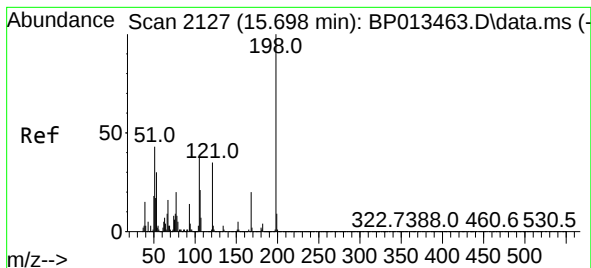


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29



Tgt Ion:188 Resp: 4366431
Ion Ratio Lower Upper
188 100
94 8.7 7.1 10.7
80 9.4 7.9 11.9





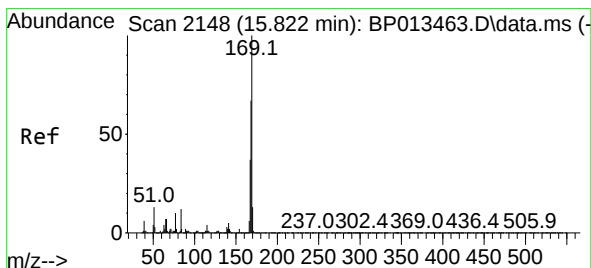
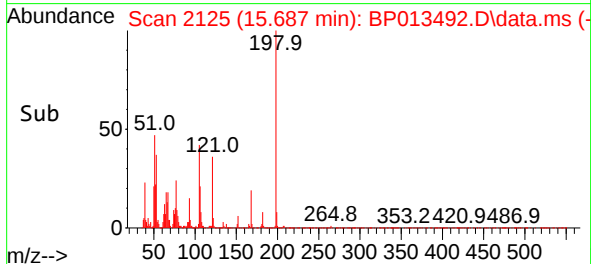
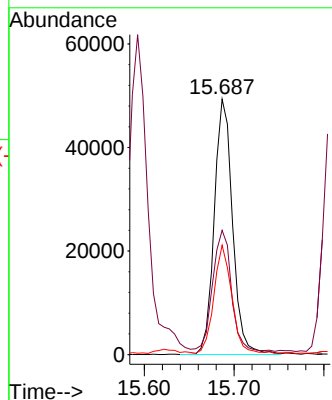
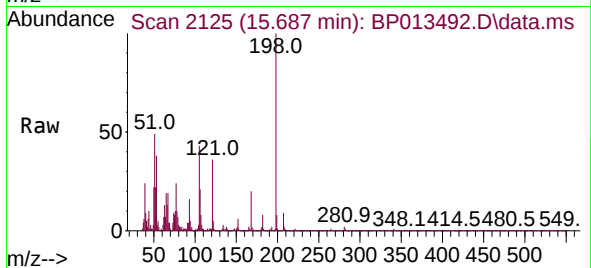
#65
4,6-Dinitro-2-methylphenol
Concen: 2.348 ng
RT: 15.687 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:198 Resp: 70100
Ion Ratio Lower Upper
198 100
51 48.6 23.6 63.6
105 42.8 17.9 57.9

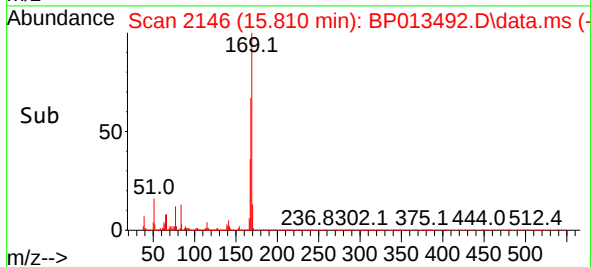
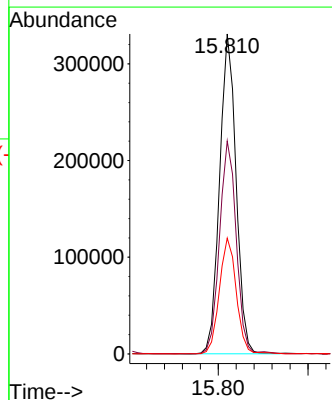
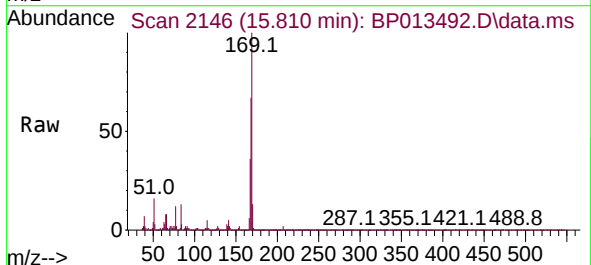
Manual Integrations
APPROVED

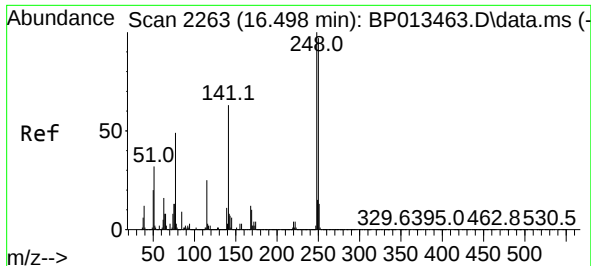
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#66
n-Nitrosodiphenylamine
Concen: 3.310 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

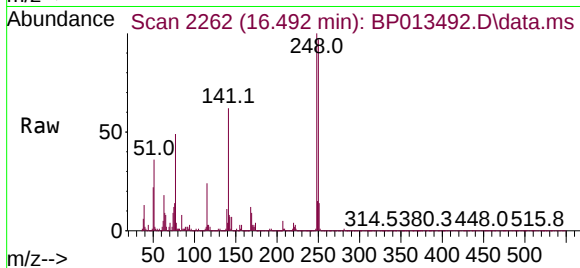
Tgt Ion:169 Resp: 424647
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 36.2 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 3.275 ng
RT: 16.492 min Scan# 2262
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

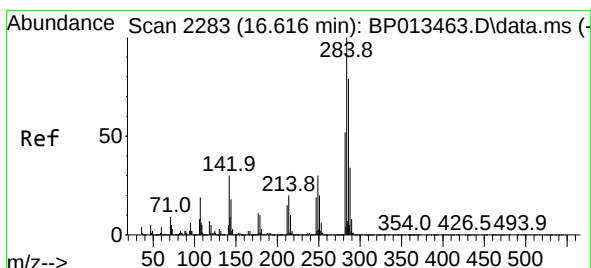
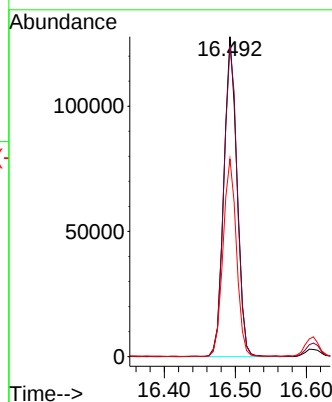
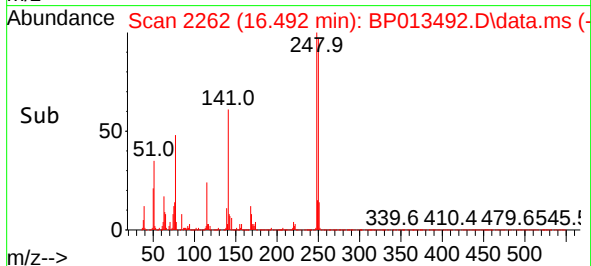
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:248 Resp: 164598
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 61.8 50.2 75.4

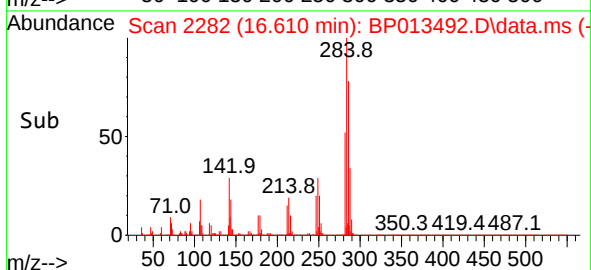
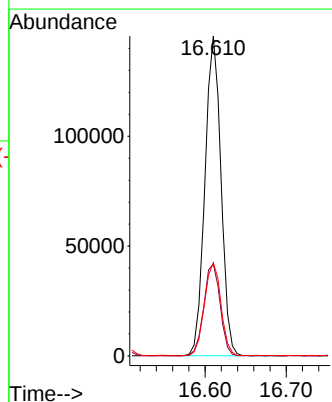
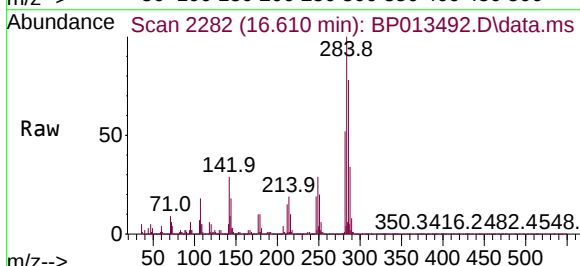
Manual Integrations
APPROVED

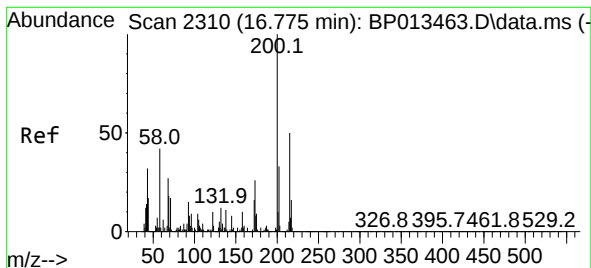
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#68
Hexachlorobenzene
Concen: 3.655 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:284 Resp: 200068
Ion Ratio Lower Upper
284 100
142 28.7 23.9 35.9
249 29.1 24.1 36.1





#69

Atrazine

Concen: 3.344 ng

RT: 16.763 min Scan# 2310

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:200 Resp: 157162

Ion Ratio Lower Upper

200 100

173 26.3 5.9 45.9

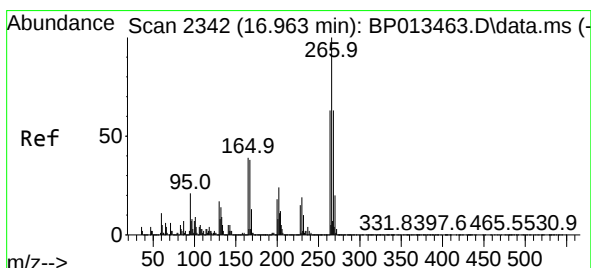
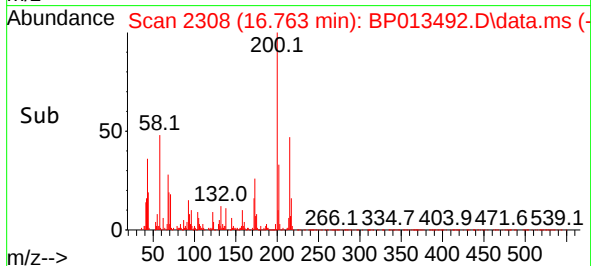
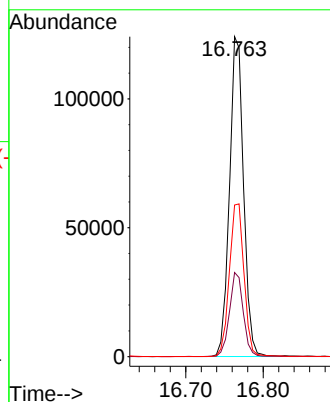
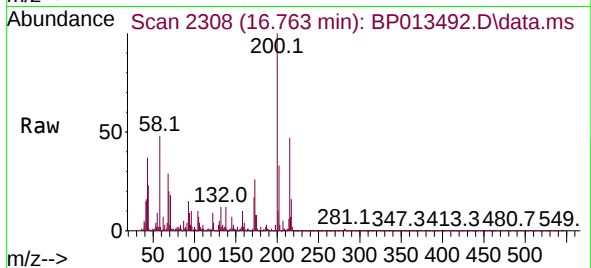
215 47.4 30.0 70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#70

Pentachlorophenol

Concen: 2.521 ng

RT: 16.963 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

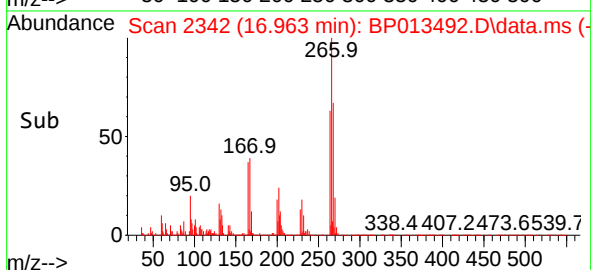
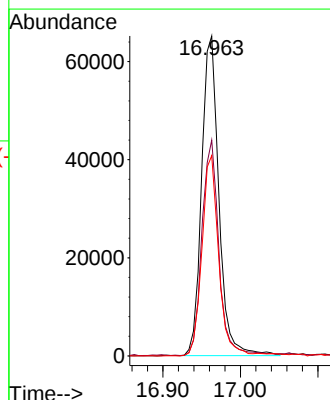
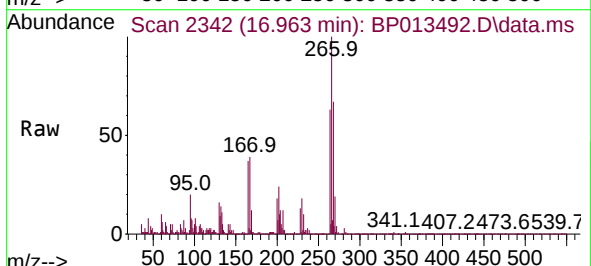
Tgt Ion:266 Resp: 101124

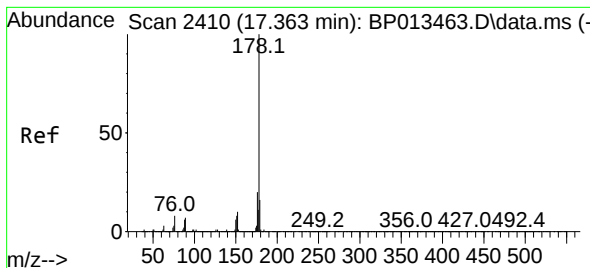
Ion Ratio Lower Upper

266 100

268 67.4 50.7 76.1

264 62.6 50.4 75.6





#71

Phenanthrene

Concen: 3.547 ng

RT: 17.351 min Scan# 2410

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

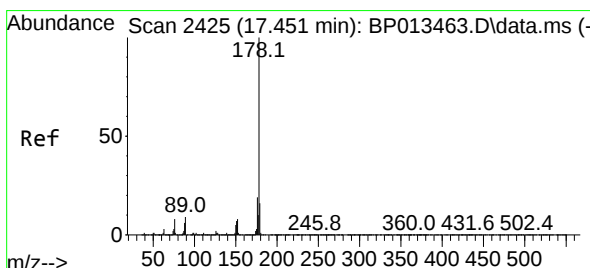
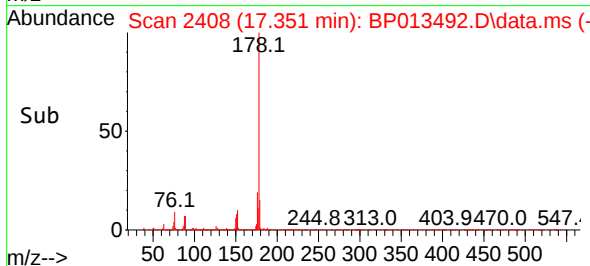
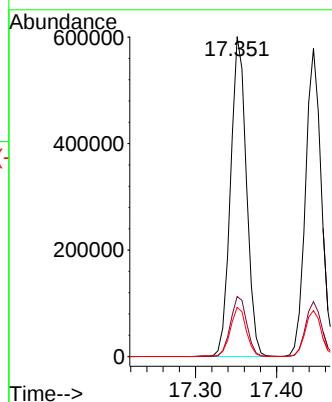
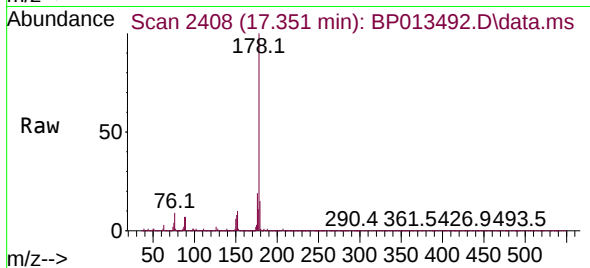
Tgt Ion:178 Resp: 817176
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.6
 179 15.4 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#72

Anthracene

Concen: 3.367 ng

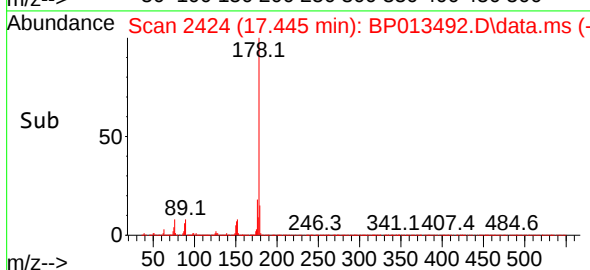
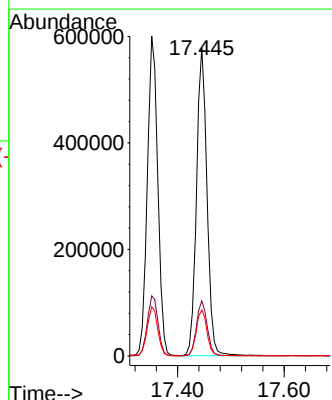
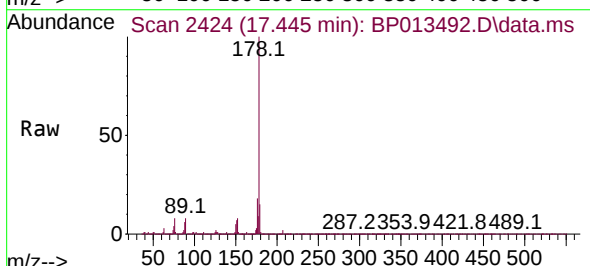
RT: 17.445 min Scan# 2424

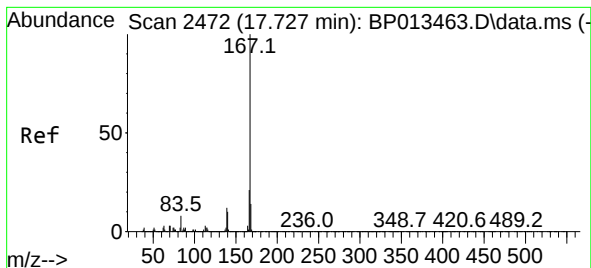
Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:178 Resp: 789412
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.2 22.8
 179 15.0 12.6 18.8





#73

Carbazole

Concen: 3.339 ng

RT: 17.716 min Scan# 2472

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

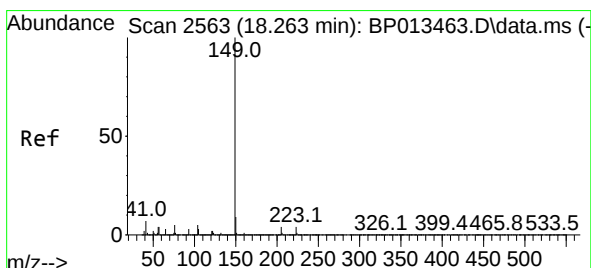
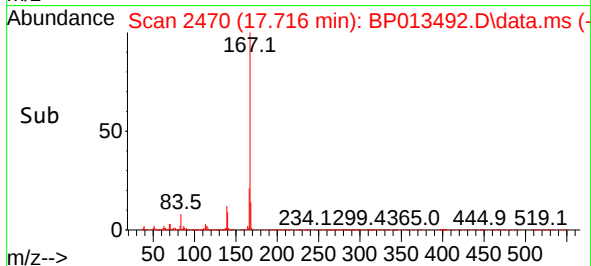
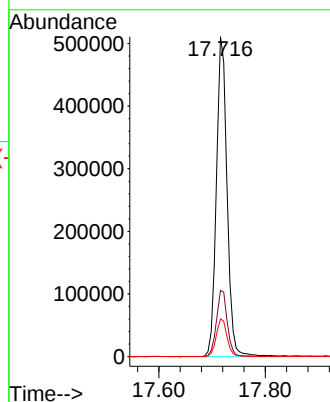
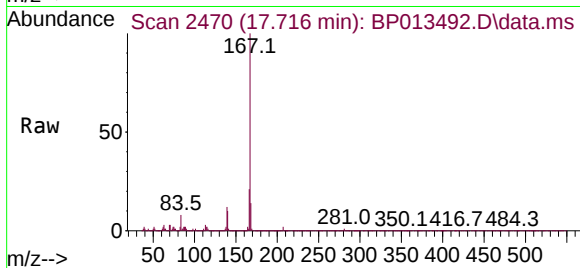
Tgt Ion:	167	Resp:	71294
Ion Ratio	Lower	Upper	
167	100		
166	20.7	17.2	25.8
139	11.8	9.9	14.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#74

Di-n-butylphthalate

Concen: 3.201 ng

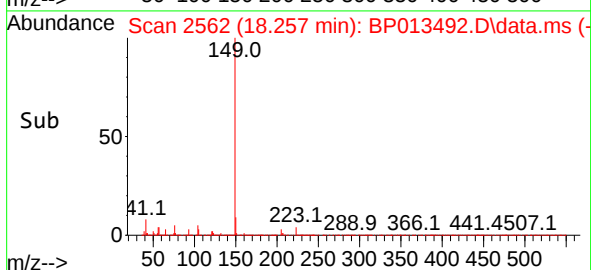
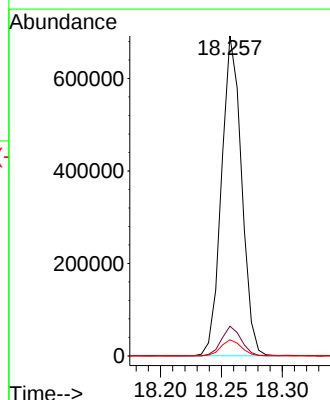
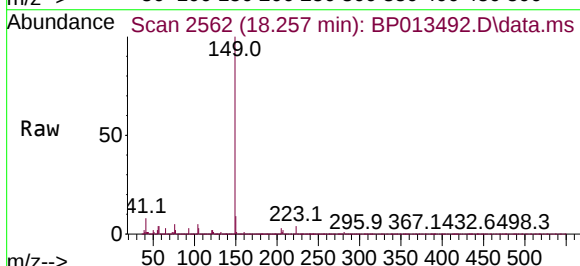
RT: 18.257 min Scan# 2562

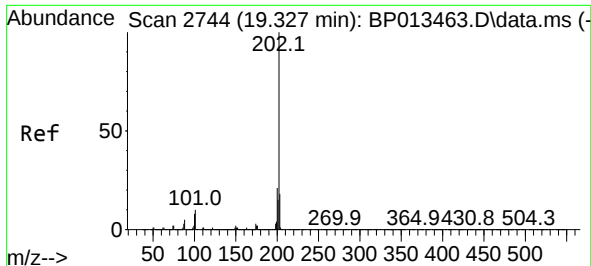
Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:	149	Resp:	793410
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.5	11.3
104	5.0	3.9	5.9





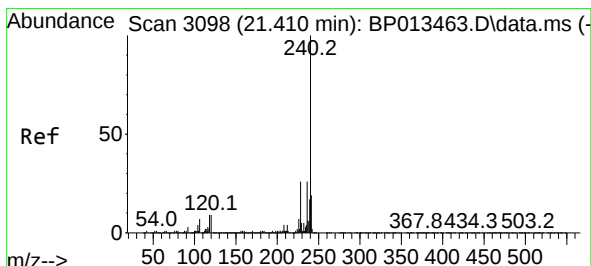
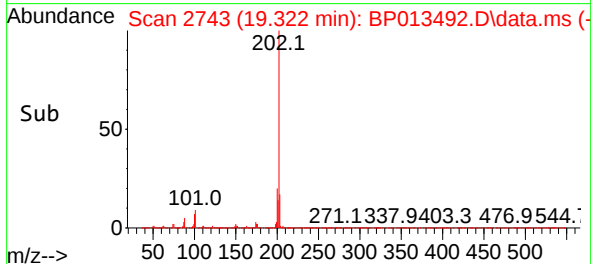
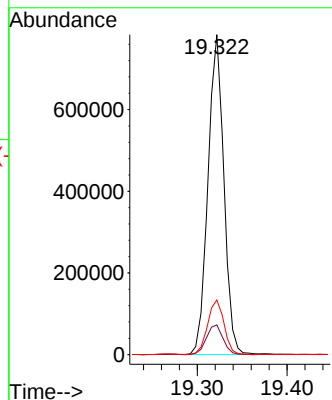
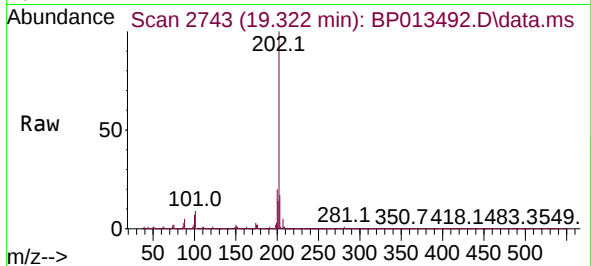
#75
Fluoranthene
Concen: 3.482 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

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

Tgt Ion:202 Resp: 963601
Ion Ratio Lower Upper
202 100
101 9.3 0.0 30.3
203 17.1 0.0 37.9

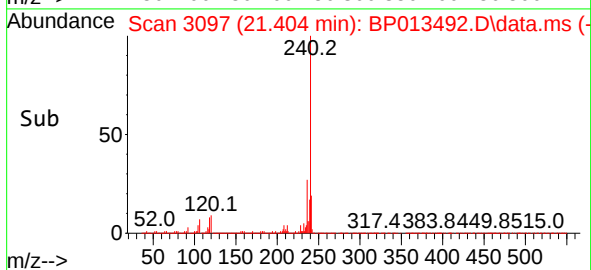
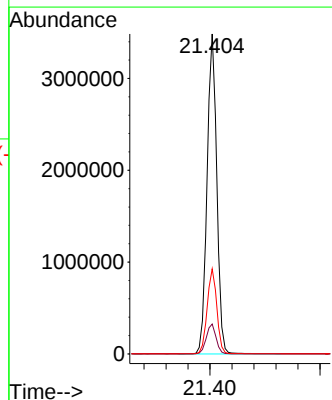
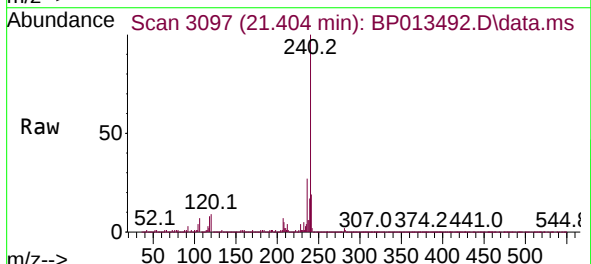
Manual Integrations
APPROVED

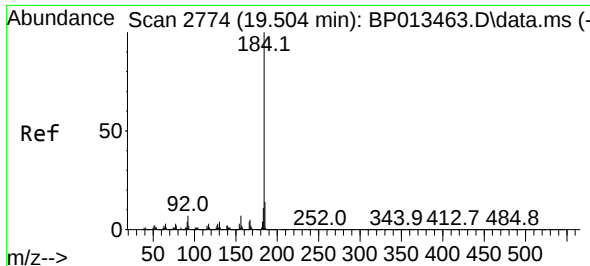
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

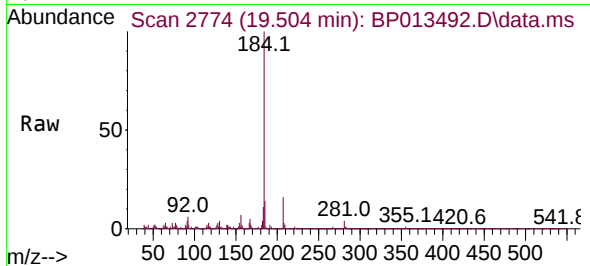
Tgt Ion:240 Resp: 4270363
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 26.6 21.2 31.8





#77
Benzidine
Concen: 3.229 ng
RT: 19.504 min Scan# 2774
Delta R.T. 0.000 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

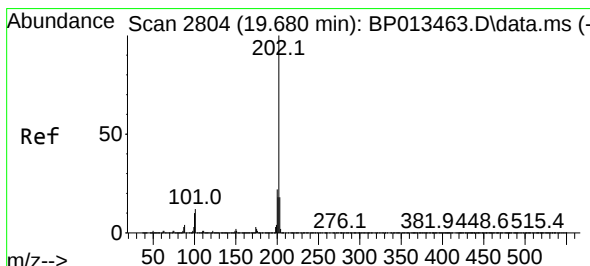
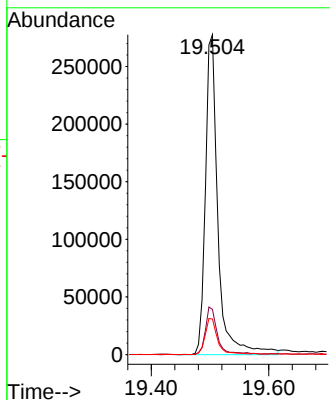
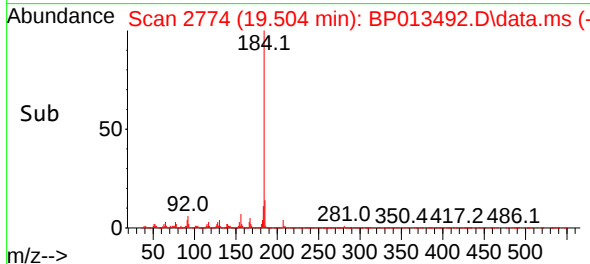
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



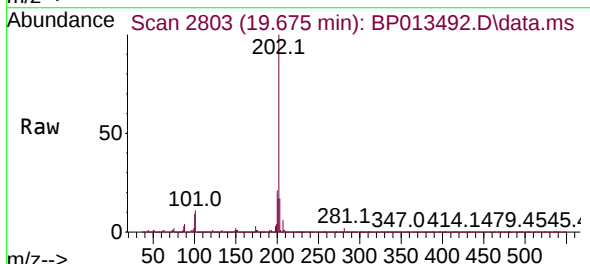
Tgt Ion:184 Resp: 409669
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.1 9.1 13.7

Manual Integrations
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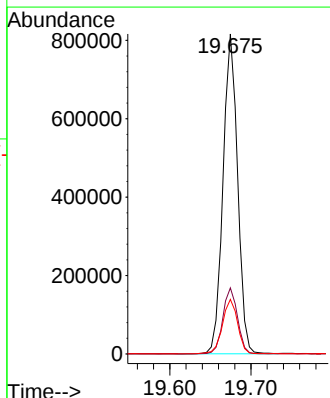
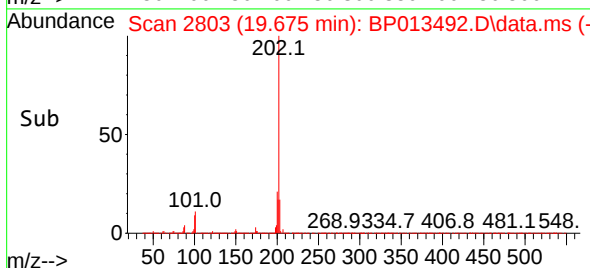
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

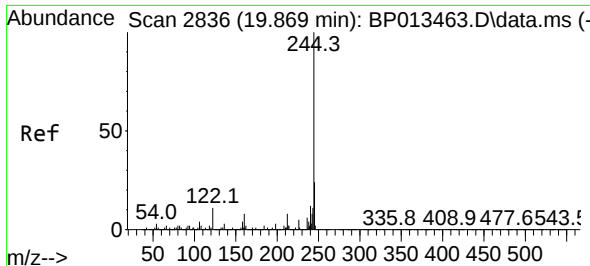


#78
Pyrene
Concen: 3.617 ng
RT: 19.675 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29



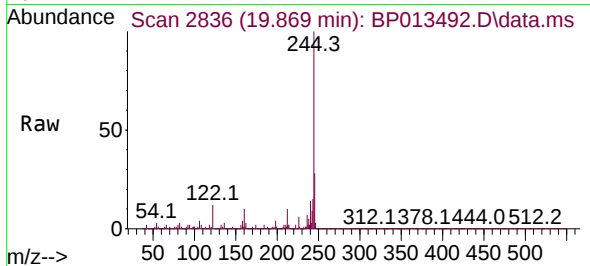
Tgt Ion:202 Resp: 1015909
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 17.0 14.6 21.8





#79
Terphenyl-d14
Concen: 61.732 ng
RT: 19.869 min Scan# 2836
Delta R.T. -0.000 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

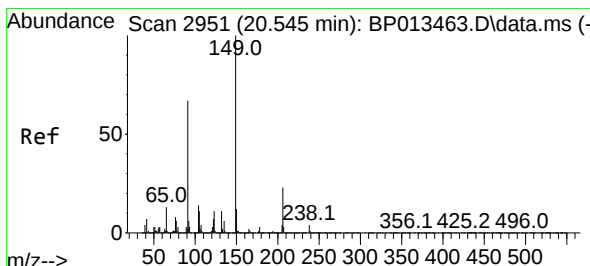
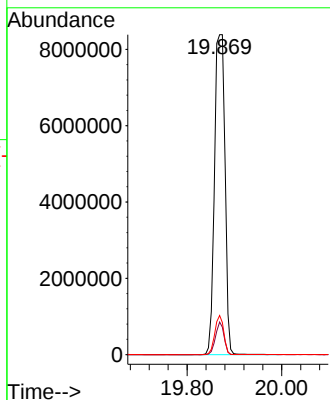
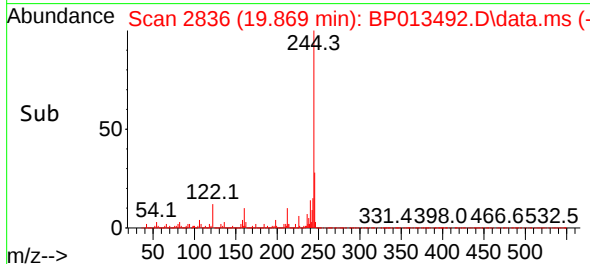
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:244 Resp:12894456
Ion Ratio Lower Upper
244 100
212 10.2 6.8 10.2
122 12.3 8.8 13.2

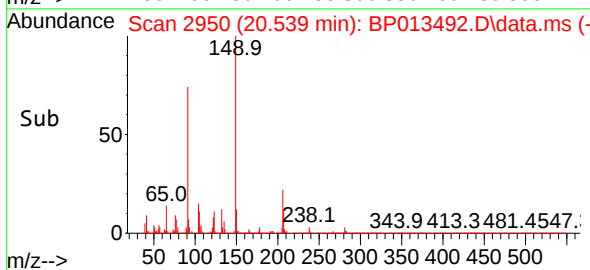
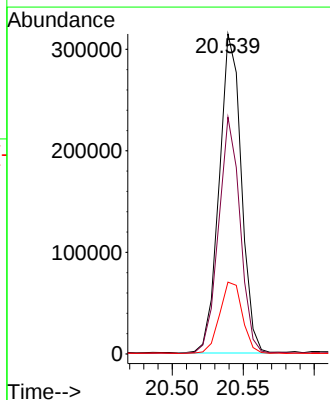
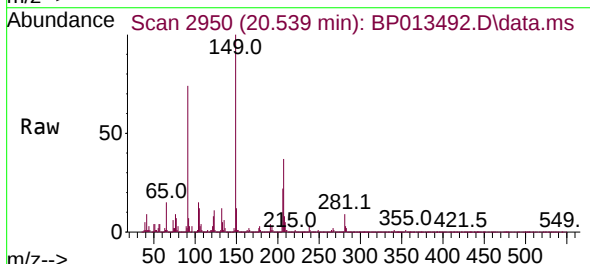
Manual Integrations
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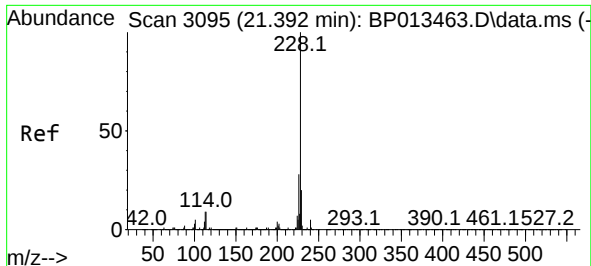
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#80
Butylbenzylphthalate
Concen: 2.812 ng
RT: 20.539 min Scan# 2950
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

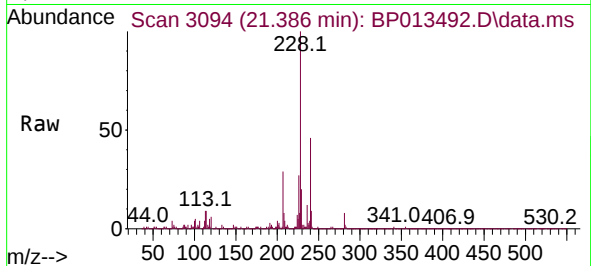
Tgt Ion:149 Resp: 341357
Ion Ratio Lower Upper
149 100
91 74.0 53.2 79.8
206 22.4 18.8 28.2





#81
Benzo(a)anthracene
Concen: 3.601 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

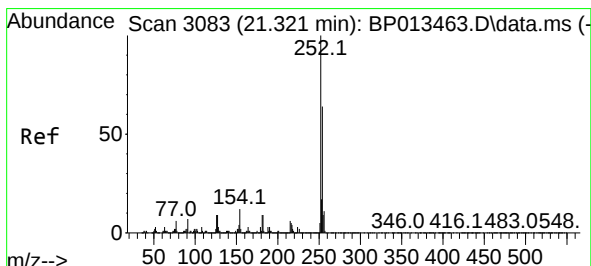
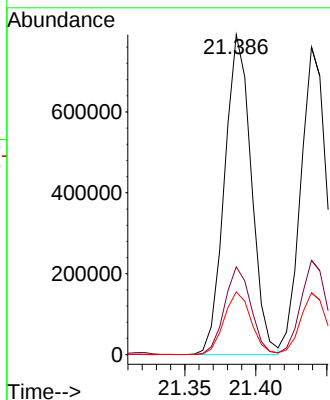
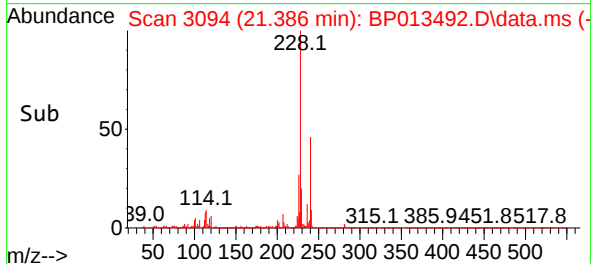
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 1035664
Ion Ratio Lower Upper
228 100
226 27.4 22.6 34.0
229 19.6 16.4 24.6

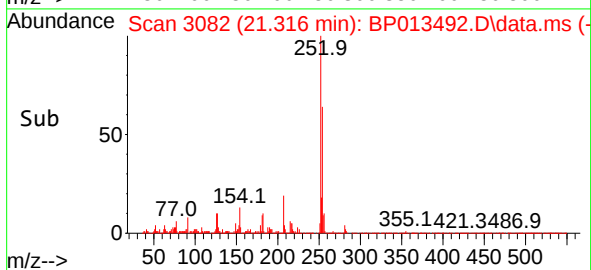
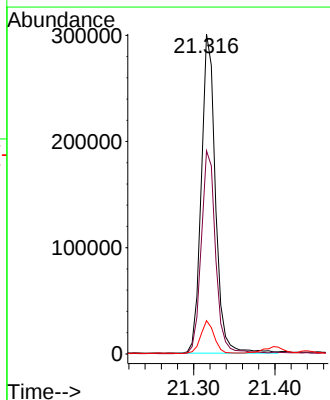
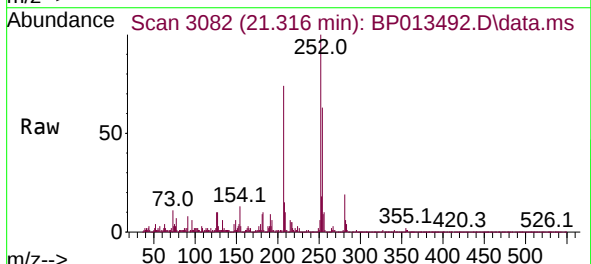
Manual Integrations
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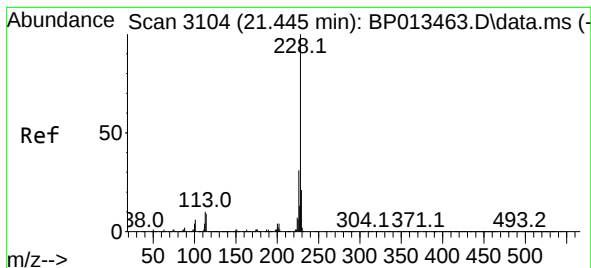
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#82
3,3'-Dichlorobenzidine
Concen: 3.392 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP013492.D
Acq: 17 Jan 2023 12:29

Tgt Ion:252 Resp: 364505
Ion Ratio Lower Upper
252 100
254 63.5 51.0 76.6
126 10.4 7.6 11.4





#83

Chrysene

Concen: 3.575 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

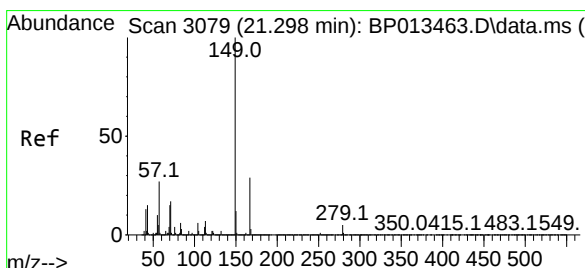
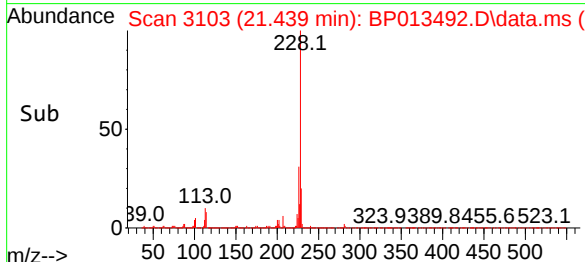
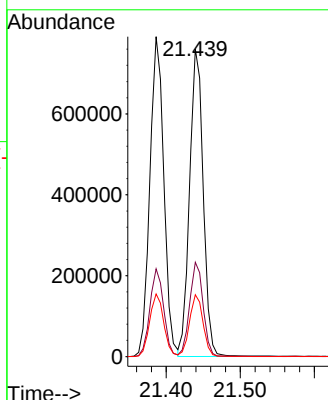
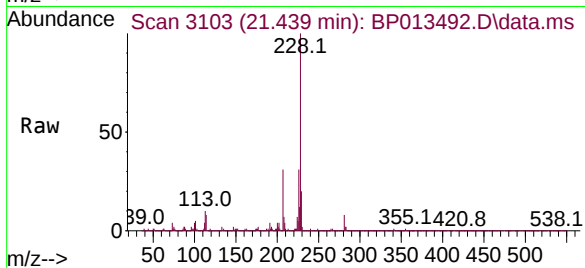
Tgt Ion:228 Resp: 971370

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.1	37.7
229	20.1	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.914 ng

RT: 21.298 min Scan# 3079

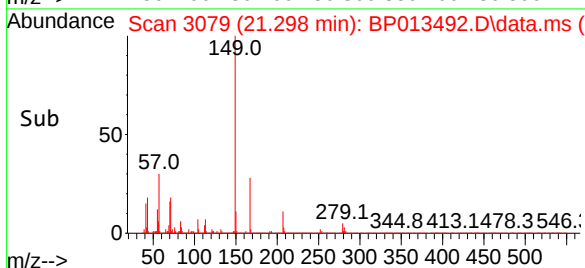
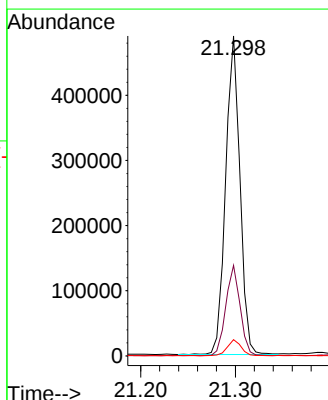
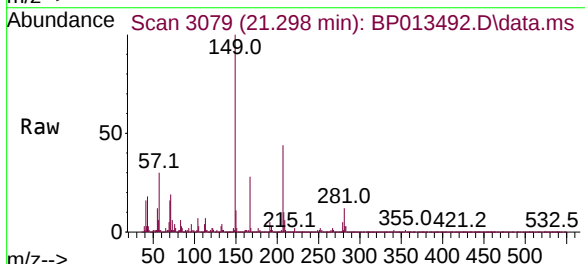
Delta R.T. 0.000 min

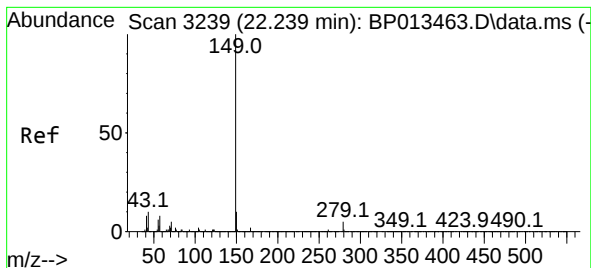
Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:149 Resp: 511899

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	5.1	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 2.780 ng

RT: 22.239 min Scan# 3239

Delta R.T. 0.000 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

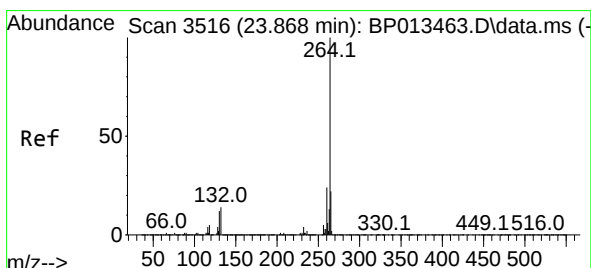
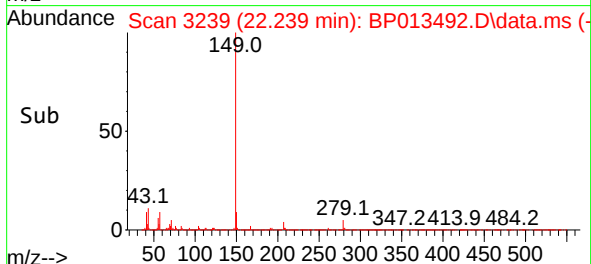
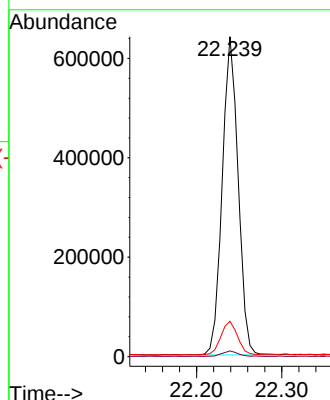
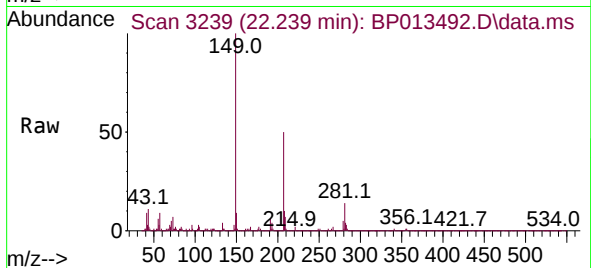
MDL-WATER-03-QT2-2022

Tgt Ion:	149	Resp:	829096
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.9	7.9	11.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#86

Perylene-d12

Concen: 20.000 ng

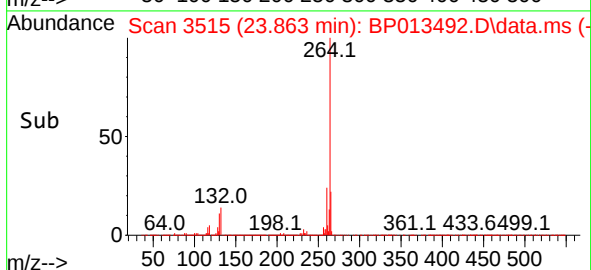
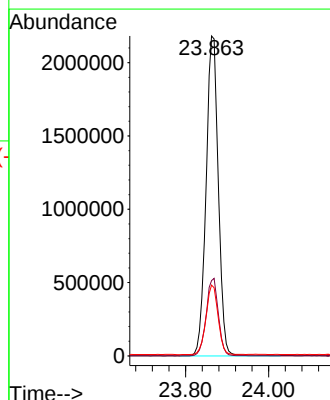
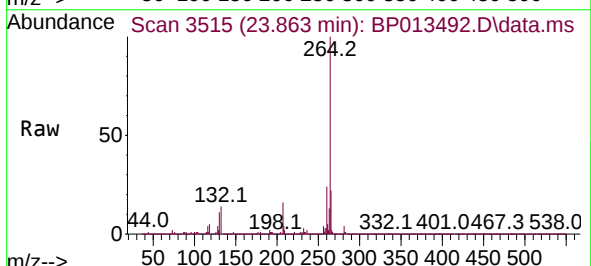
RT: 23.863 min Scan# 3515

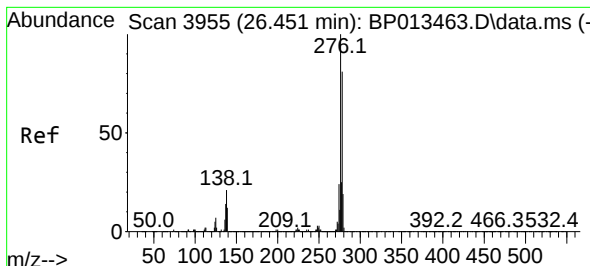
Delta R.T. -0.006 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:	264	Resp:	4454909
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.2
265	22.1	18.1	27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.902 ng

RT: 26.427 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

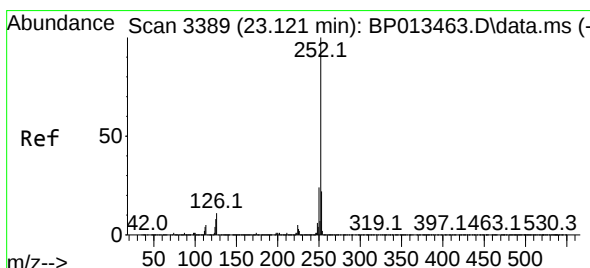
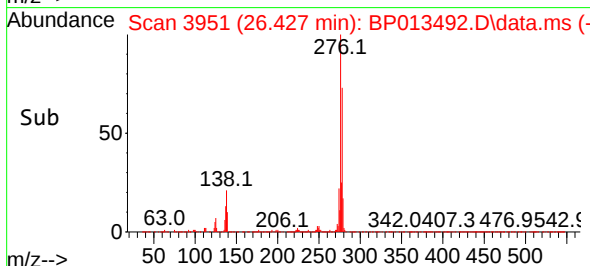
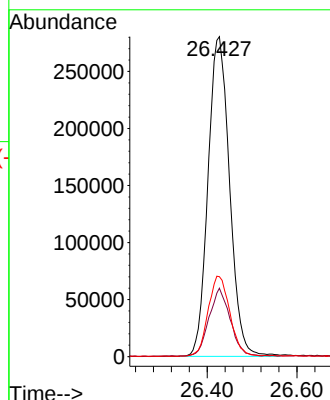
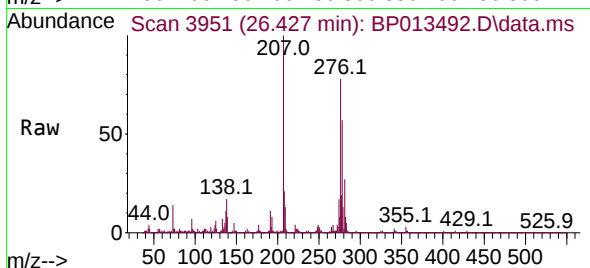
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:	276	Resp:	935086
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.0	25.4
277	25.2	20.4	30.6

Manual Integrations
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Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#88

Benzo(b)fluoranthene

Concen: 3.732 ng

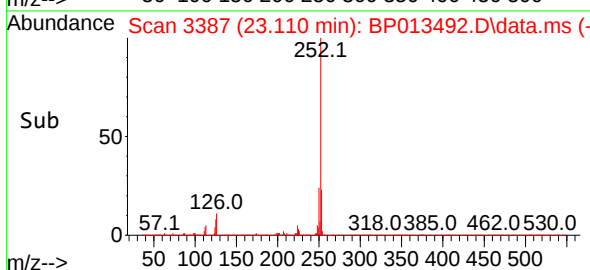
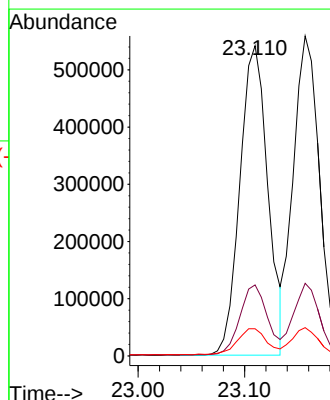
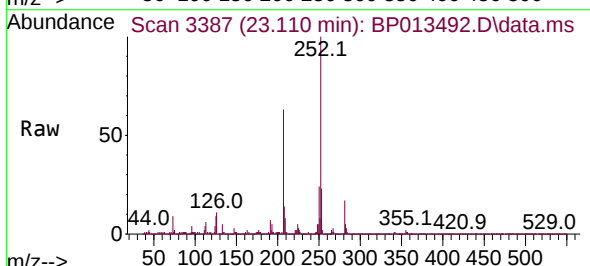
RT: 23.110 min Scan# 3387

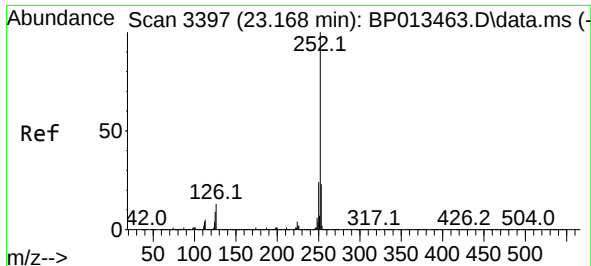
Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:	252	Resp:	987253
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.6
125	8.7	6.7	10.1





#89

Benzo(k)fluoranthene

Concen: 3.741 ng

RT: 23.157 min Scan# 3397

Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

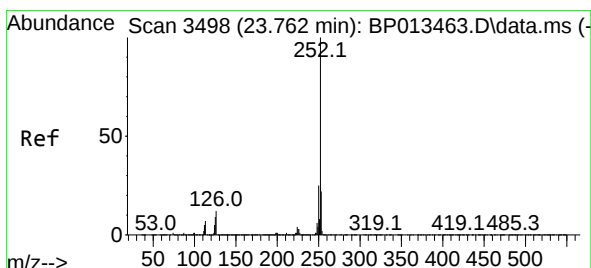
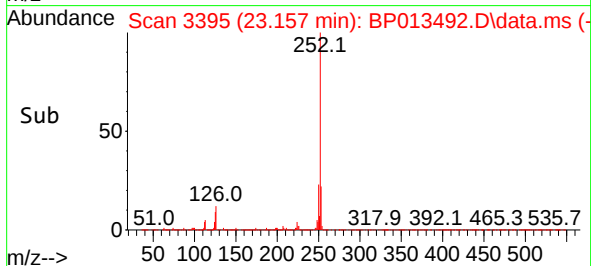
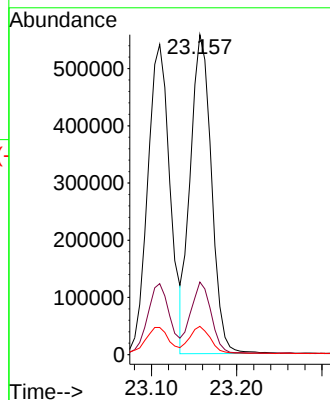
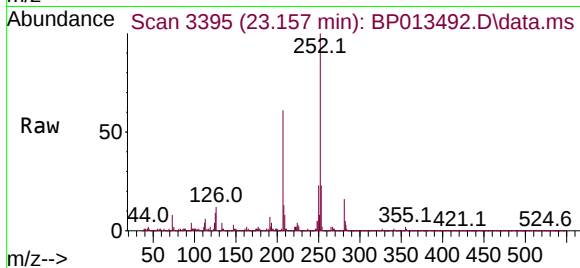
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:252 Resp: 960329
 Ion Ratio Lower Upper
 252 100
 253 22.7 18.1 27.1
 125 8.8 6.9 10.3

Manual Integrations
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Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#90

Benzo(a)pyrene

Concen: 3.265 ng

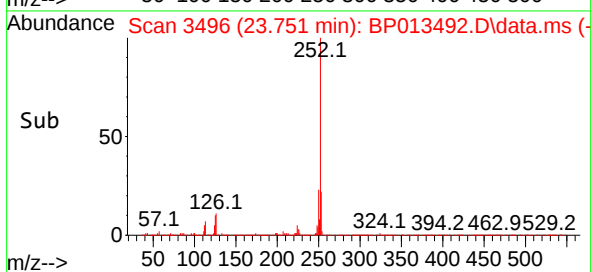
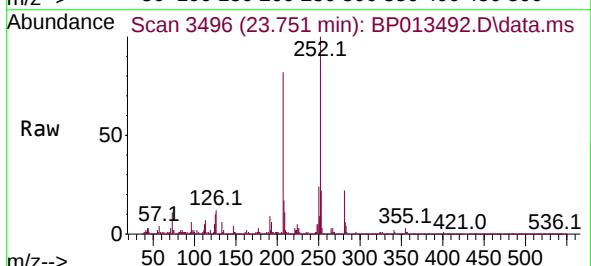
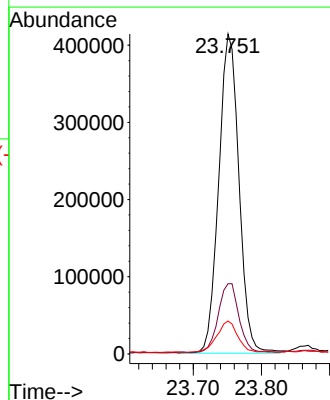
RT: 23.751 min Scan# 3496

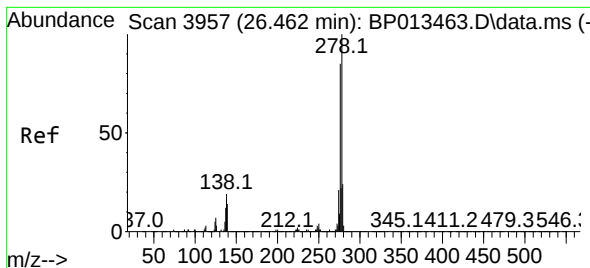
Delta R.T. -0.012 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:252 Resp: 848386
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.0 27.0
 125 10.3 7.6 11.4





#91

Dibenzo(a,h)anthracene

Concen: 2.985 ng

RT: 26.439 min Scan# 3957

Delta R.T. -0.023 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

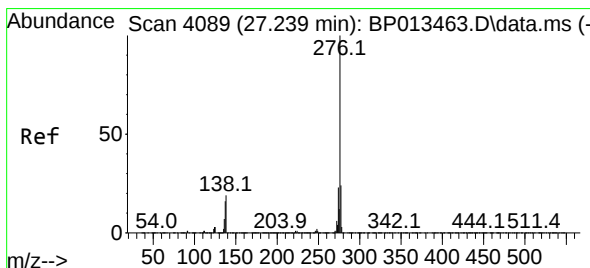
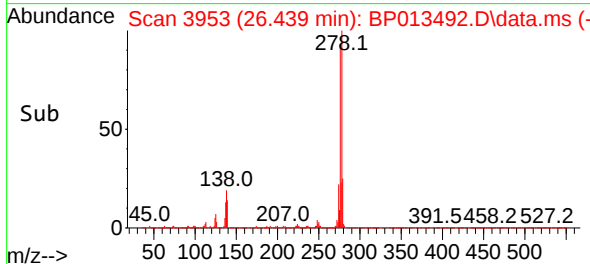
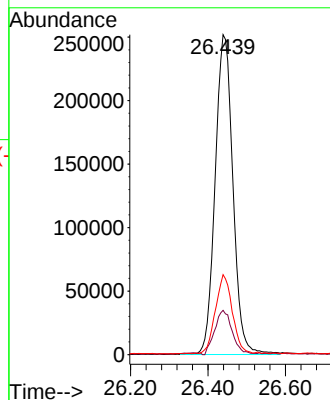
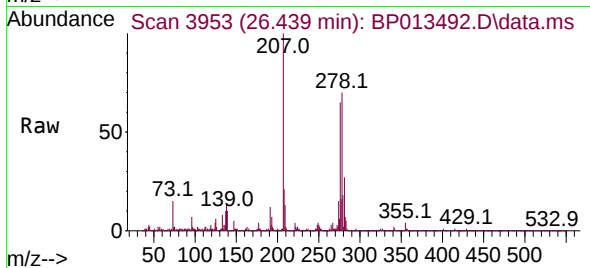
Tgt Ion:	278	Resp:	80074
Ion Ratio	Lower	Upper	
278	100		
139	13.8	11.1	16.7
279	25.0	19.2	28.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#92

Benzo(g,h,i)perylene

Concen: 2.979 ng

RT: 27.215 min Scan# 4085

Delta R.T. -0.023 min

Lab File: BP013492.D

Acq: 17 Jan 2023 12:29

Tgt Ion:	276	Resp:	788417
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.3	28.9
138	19.3	15.3	22.9

