

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
 Data File : BP013480.D
 Acq On : 16 Jan 2023 14:13
 Operator : CG/JU
 Sample : N3214-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2022

Quant Time: Jan 17 03:44:34 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 01/17/2023
 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	563321	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2334047	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1608733	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	3712073	20.000	ng	0.00
76) Chrysene-d12	21.410	240	3865865	20.000	ng	0.00
86) Perylene-d12	23.869	264	4474558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.464	112	3611989	112.634	ng	0.00
7) Phenol-d6	7.075	99	4911385	108.348	ng	0.00
23) Nitrobenzene-d5	9.081	82	3297609	75.060	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	2876910	114.565	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	8345634	75.836	ng	0.00
79) Terphenyl-d14	19.869	244	12507741	66.146	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.334	88	127779	10.161	ng	99
3) Pyridine	3.752	79	338834	8.643	ng	98
4) n-Nitrosodimethylamine	3.658	42	180086	9.579	ng	# 99
6) Aniline	7.234	93	555425	9.169	ng	98
8) 2-Chlorophenol	7.469	128	350867	9.454	ng	99
9) Benzaldehyde	7.046	77	319528m	11.677	ng	
10) Phenol	7.099	94	443015	9.468	ng	99
11) bis(2-Chloroethyl)ether	7.328	93	354406	9.344	ng	98
12) 1,3-Dichlorobenzene	7.793	146	394456	10.088	ng	98
13) 1,4-Dichlorobenzene	7.940	146	399454	10.024	ng	97
14) 1,2-Dichlorobenzene	8.258	146	389804	10.013	ng	99
15) Benzyl Alcohol	8.152	79	310204	8.881	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	569792	9.711	ng	99
17) 2-Methylphenol	8.352	107	294021	8.489	ng	96
18) Hexachloroethane	8.987	117	137660	9.755	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	301195	9.309	ng	99
20) 3+4-Methylphenols	8.681	107	404919	8.414	ng	98
22) Acetophenone	8.734	105	580715	9.715	ng	97
24) Nitrobenzene	9.122	77	433691	9.544	ng	99
25) Isophorone	9.646	82	838294	9.270	ng	99
26) 2-Nitrophenol	9.834	139	200277	8.916	ng	96
27) 2,4-Dimethylphenol	9.893	122	316447	8.557	ng	100
28) bis(2-Chloroethoxy)met...	10.128	93	504509	9.459	ng	98
29) 2,4-Dichlorophenol	10.369	162	357482	9.212	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	391418	9.531	ng	98
31) Naphthalene	10.769	128	1166964	9.455	ng	100
32) Benzoic acid	9.987	122	236882	7.680	ng	96
33) 4-Chloroaniline	10.887	127	496937	8.814	ng	99
34) Hexachlorobutadiene	11.046	225	257824	9.960	ng	100
35) Caprolactam	11.675	113	124826	9.028	ng	95
36) 4-Chloro-3-methylphenol	12.004	107	386064	9.130	ng	97
37) 2-Methylnaphthalene	12.381	142	846723	9.138	ng	100
38) 1-Methylnaphthalene	12.599	142	825933	9.449	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	502035	9.521	ng	100
41) Hexachlorocyclopentadiene	12.722	237	249589	9.078	ng	99
43) 2,4,6-Trichlorophenol	12.987	196	328976	9.074	ng	99

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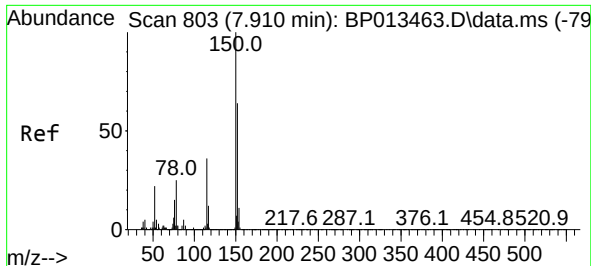
Quant Time: Jan 17 03:44:34 2023
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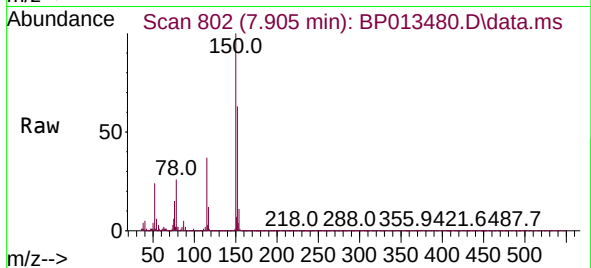
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	354776	8.339	ng	99
46) 1,1'-Biphenyl	13.387	154	1180215	9.704	ng	99
47) 2-Chloronaphthalene	13.434	162	898920	9.636	ng	99
48) 2-Nitroaniline	13.640	65	264976	8.630	ng	94
49) Acenaphthylene	14.275	152	1408249	9.154	ng	100
50) Dimethylphthalate	14.010	163	1180176	9.251	ng	99
51) 2,6-Dinitrotoluene	14.134	165	247536	8.895	ng	95
52) Acenaphthene	14.616	154	862347	9.471	ng	100
53) 3-Nitroaniline	14.469	138	254277	8.541	ng	99
54) 2,4-Dinitrophenol	14.675	184	144370	7.635	ng	94
55) Dibenzofuran	14.957	168	1434126	9.500	ng	98
56) 4-Nitrophenol	14.775	139	210789	8.812	ng	97
57) 2,4-Dinitrotoluene	14.928	165	337785	8.876	ng	99
58) Fluorene	15.604	166	1161408	9.749	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.181	232	325479	8.848	ng	99
60) Diethylphthalate	15.375	149	1161512	9.305	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	619076	9.785	ng	99
62) 4-Nitroaniline	15.628	138	256723	8.422	ng	96
63) Azobenzene	15.892	77	1052623	9.184	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	201941	7.955	ng	94
66) n-Nitrosodiphenylamine	15.816	169	1014670	9.302	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	387343	9.064	ng	96
68) Hexachlorobenzene	16.616	284	452117	9.716	ng	98
69) Atrazine	16.769	200	395150	9.891	ng	99
70) Pentachlorophenol	16.963	266	260949	7.651	ng	99
71) Phenanthrene	17.357	178	1896779	9.684	ng	99
72) Anthracene	17.451	178	1896371	9.515	ng	99
73) Carbazole	17.722	167	1747569	9.627	ng	100
74) Di-n-butylphthalate	18.263	149	1978910	9.392	ng	100
75) Fluoranthene	19.322	202	2323586	9.876	ng	99
77) Benzidine	19.504	184	1370239	11.929	ng	100
78) Pyrene	19.680	202	2443368	9.610	ng	98
80) Butylbenzylphthalate	20.545	149	923851	8.405	ng	97
81) Benzo(a)anthracene	21.392	228	2538226	9.749	ng	98
82) 3,3'-Dichlorobenzidine	21.322	252	1029336	10.582	ng	99
83) Chrysene	21.445	228	2399078	9.753	ng	98
84) Bis(2-ethylhexyl)phtha...	21.298	149	1401528	8.812	ng	98
85) Di-n-octyl phthalate	22.245	149	2415694	8.947	ng	99
87) Indeno(1,2,3-cd)pyrene	26.445	276	2816769	8.705	ng	100
88) Benzo(b)fluoranthene	23.116	252	2673517	10.063	ng	100
89) Benzo(k)fluoranthene	23.163	252	2553189	9.901	ng	99
90) Benzo(a)pyrene	23.757	252	2321535	8.895	ng	99
91) Dibenzo(a,h)anthracene	26.451	278	2452811	9.104	ng	100
92) Benzo(g,h,i)perylene	27.227	276	2386827	8.978	ng	99

(#) = 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: BP013480.D
Acq: 16 Jan 2023 14:13

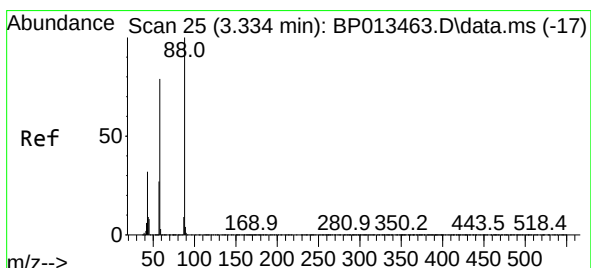
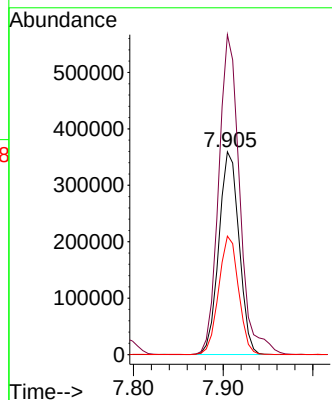
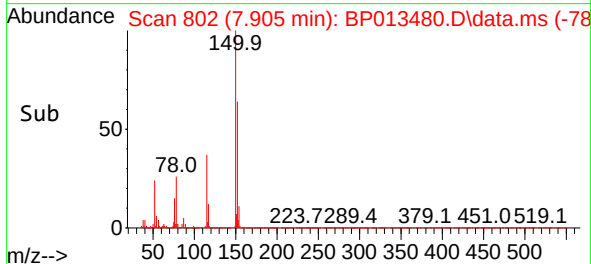
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:152 Resp: 56332
Ion Ratio Lower Upper
152 100
150 157.8 125.7 188.5
115 58.4 45.8 68.8

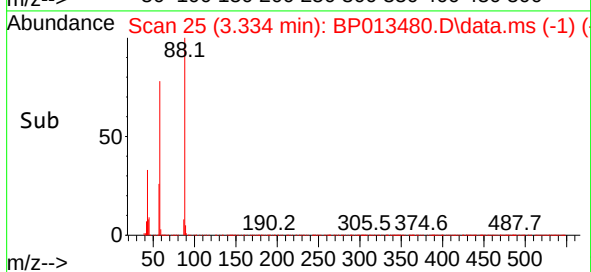
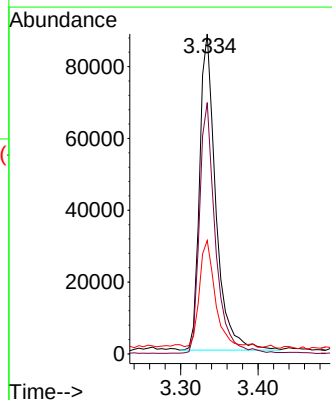
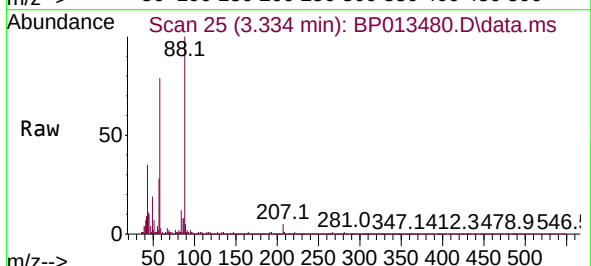
Manual Integrations
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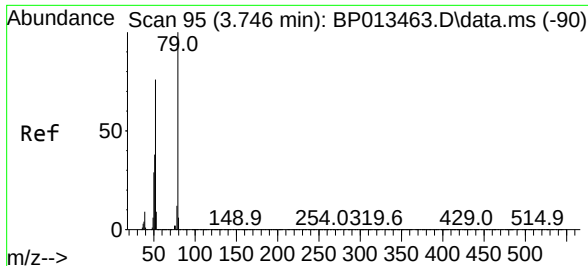
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#2
1,4-Dioxane
Concen: 10.161 ng
RT: 3.334 min Scan# 25
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

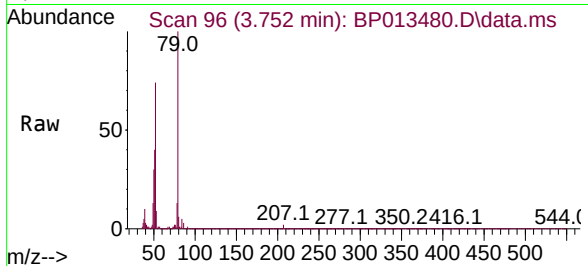
Tgt Ion: 88 Resp: 127779
Ion Ratio Lower Upper
88 100
58 78.0 63.4 95.0
43 33.3 26.2 39.4





#3
 Pyridine
 Concen: 8.643 ng
 RT: 3.752 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: BP013480.D
 Acq: 16 Jan 2023 14:13

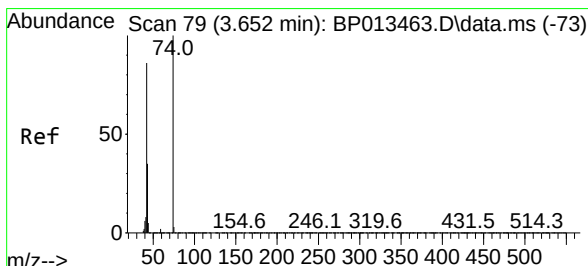
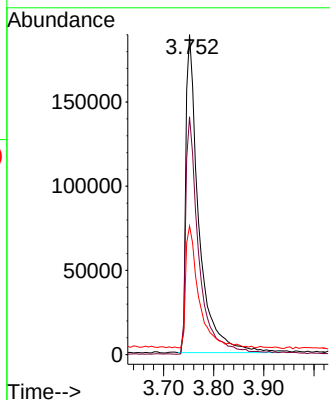
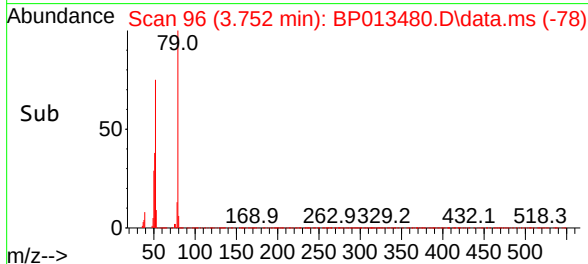
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



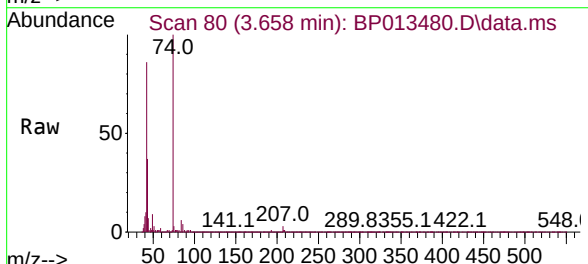
Tgt Ion: 79 Resp: 338834
 Ion Ratio Lower Upper
 79 100
 52 74.3 60.6 91.0
 51 40.2 31.0 46.4

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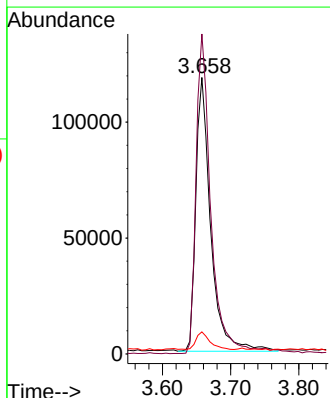
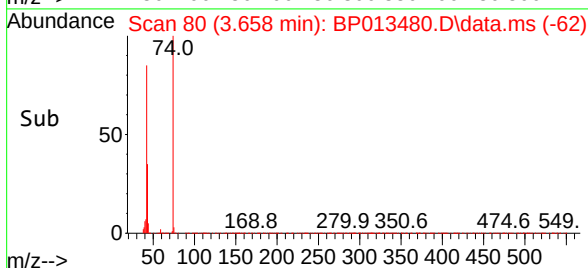
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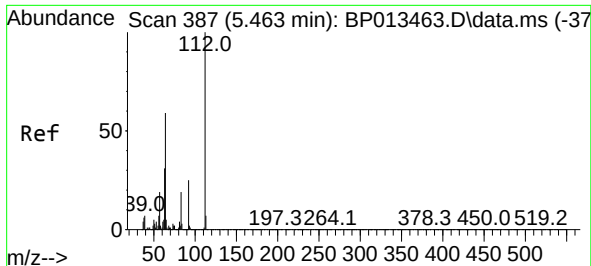


#4
 n-Nitrosodimethylamine
 Concen: 9.579 ng
 RT: 3.658 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BP013480.D
 Acq: 16 Jan 2023 14:13



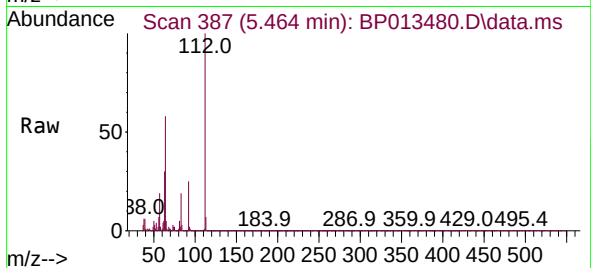
Tgt Ion: 42 Resp: 180086
 Ion Ratio Lower Upper
 42 100
 74 115.8 93.3 139.9
 44 8.0 5.1 7.7





#5
2-Fluorophenol
Concen: 112.634 ng
RT: 5.464 min Scan# 387
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

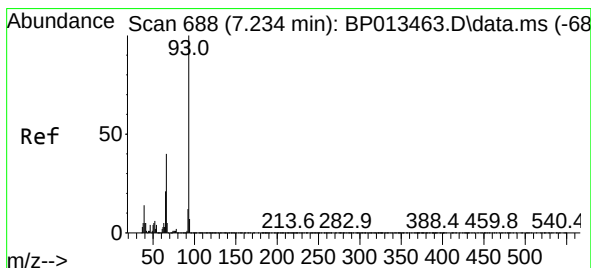
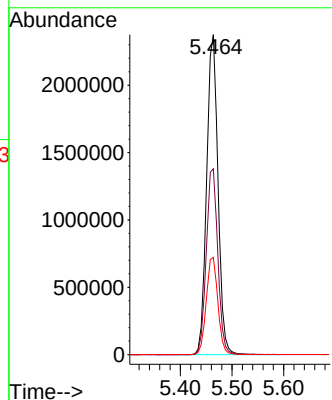
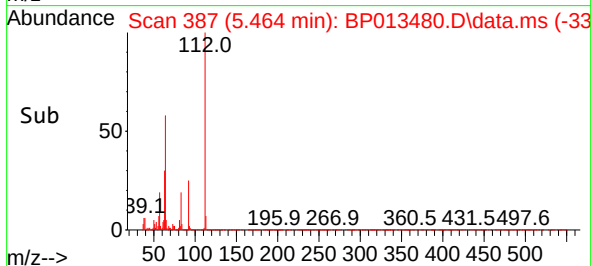
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:112 Resp: 3611989
Ion Ratio Lower Upper
112 100
64 58.1 47.5 71.3
63 30.4 25.0 37.4

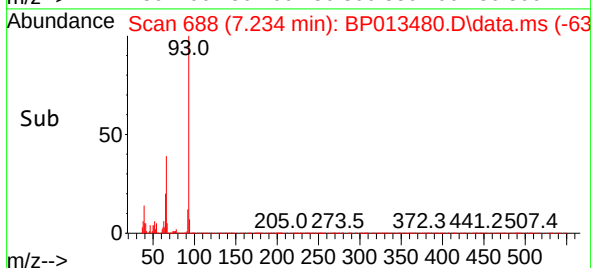
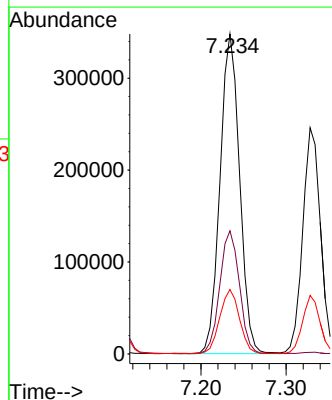
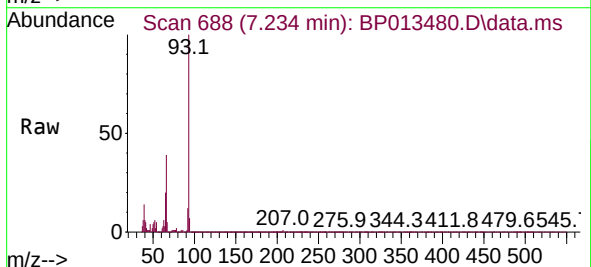
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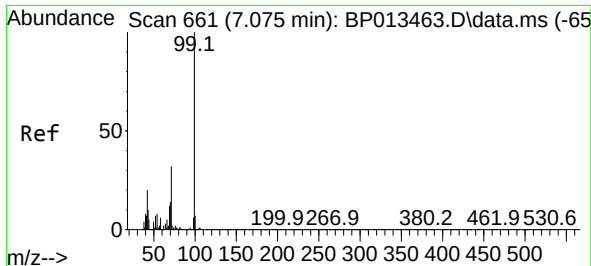
Reviewed By :Christian Giraldo 01/17/2023
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#6
Aniline
Concen: 9.169 ng
RT: 7.234 min Scan# 688
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

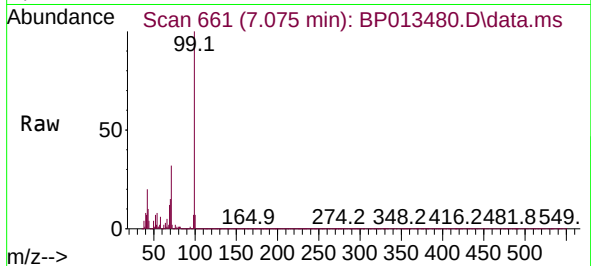
Tgt Ion: 93 Resp: 555425
Ion Ratio Lower Upper
93 100
66 38.5 31.9 47.9
65 20.1 16.6 25.0





#7
Phenol-d6
Concen: 108.348 ng
RT: 7.075 min Scan# 661
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

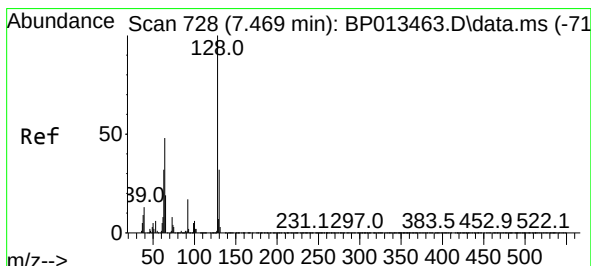
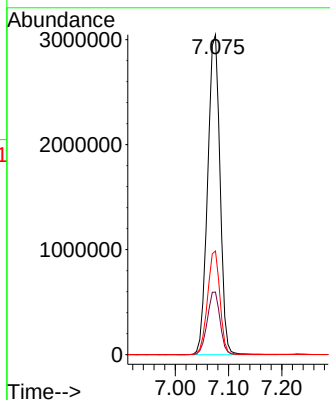
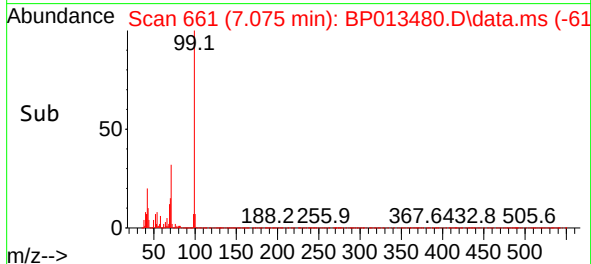
Instrument :
BNA_P
Client Sample Id :
LOQ-WATER-02-QT2-2022



Tgt Ion: 99 Resp: 4911385
Ion Ratio Lower Upper
99 100
42 19.5 15.8 23.6
71 32.4 25.6 38.4

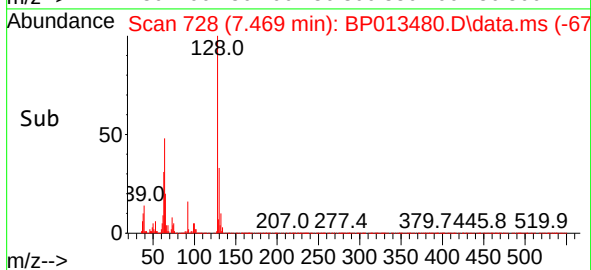
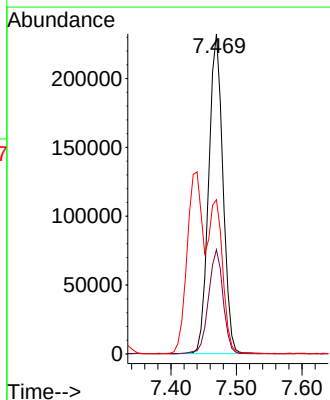
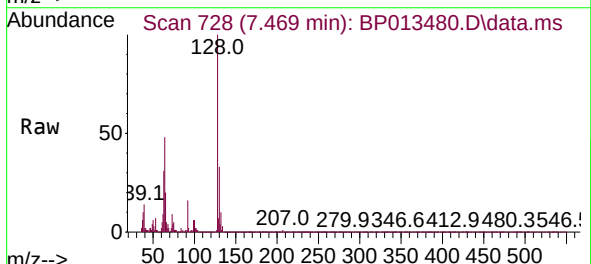
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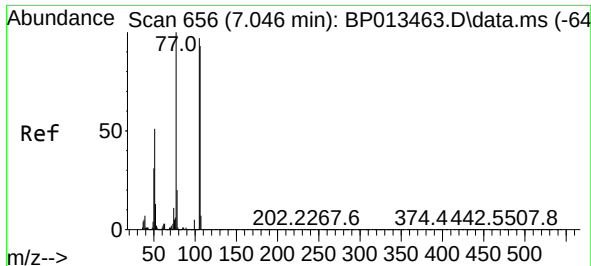
Reviewed By :Christian Giraldo 01/17/2023
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#8
2-Chlorophenol
Concen: 9.454 ng
RT: 7.469 min Scan# 728
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

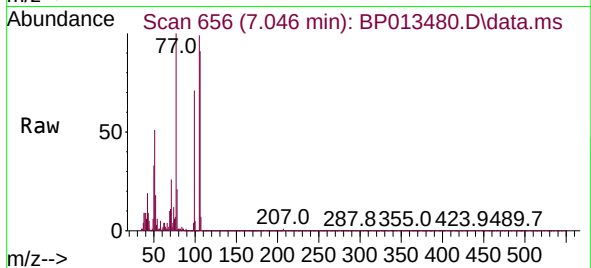
Tgt Ion:128 Resp: 350867
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 48.2 28.6 68.6





#9
Benzaldehyde
Concen: 11.677 ng m
RT: 7.046 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

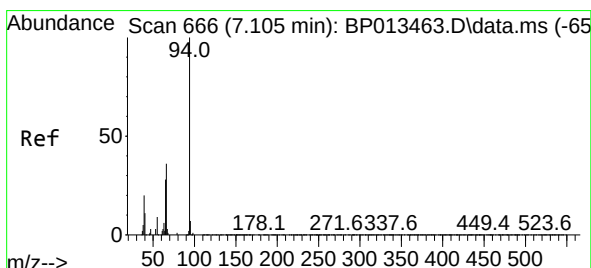
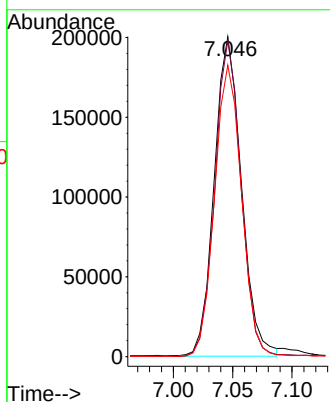
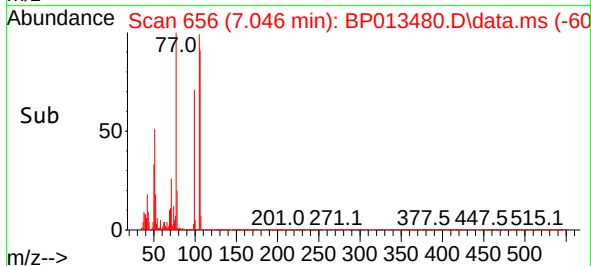
Instrument :
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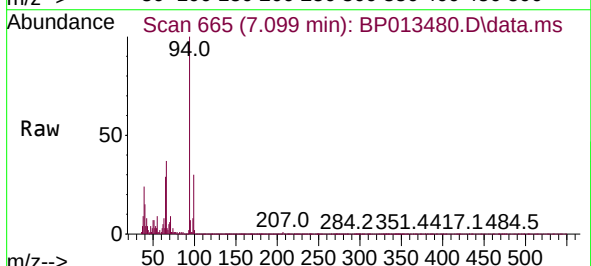
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Ion Ratio Lower Upper
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105 98.7 77.3 117.3
106 91.1 73.1 113.1

Manual Integrations
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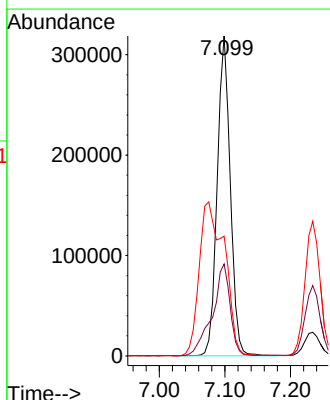
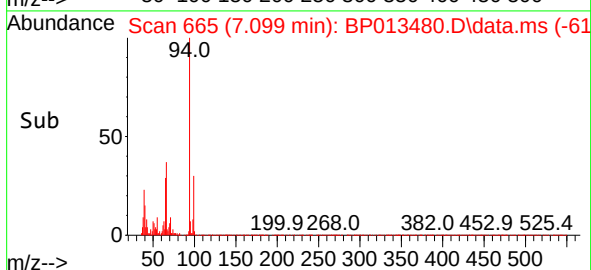
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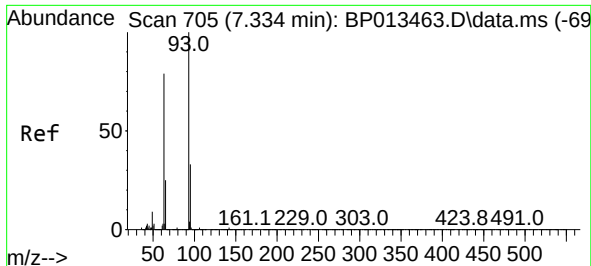


#10
Phenol
Concen: 9.468 ng
RT: 7.099 min Scan# 665
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



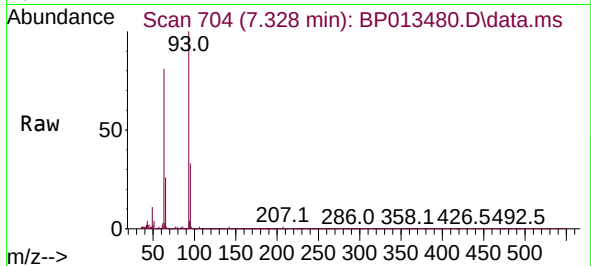
Tgt Ion: 94 Resp: 443015
Ion Ratio Lower Upper
94 100
65 28.7 8.3 48.3
66 37.4 16.6 56.6





#11
bis(2-Chloroethyl)ether
Concen: 9.344 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

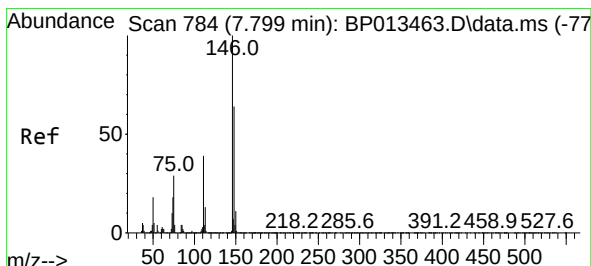
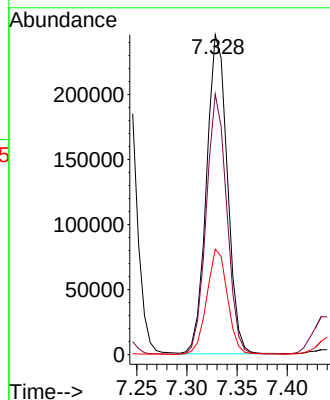
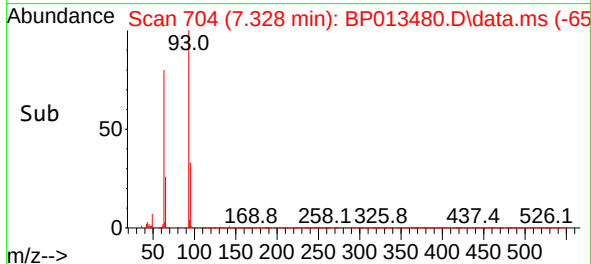
Instrument : BNA_P
Client SampleId :
LOQ-WATER-02-QT2-2022



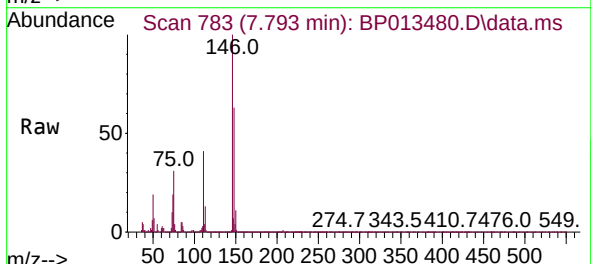
Tgt Ion: 93 Resp: 354406
Ion Ratio Lower Upper
93 100
63 81.4 59.3 99.3
95 32.9 12.8 52.8

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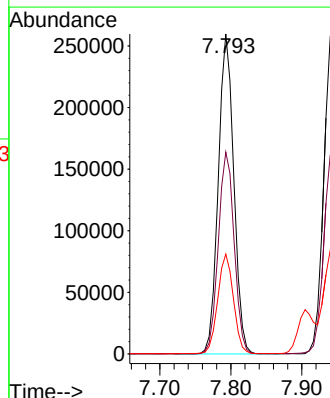
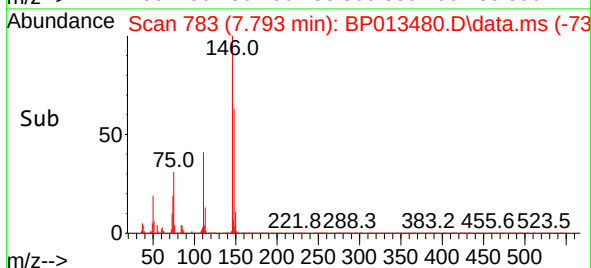
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

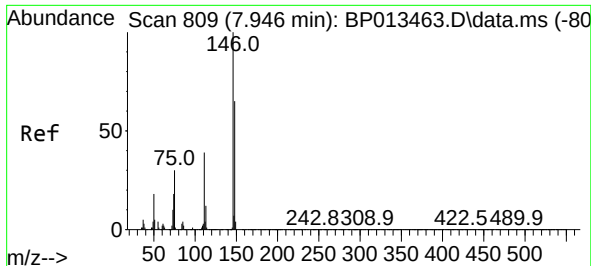


#12
1,3-Dichlorobenzene
Concen: 10.088 ng
RT: 7.793 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



Tgt Ion:146 Resp: 394456
Ion Ratio Lower Upper
146 100
148 63.1 51.5 77.3
75 31.2 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 10.024 ng

RT: 7.940 min Scan# 809

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

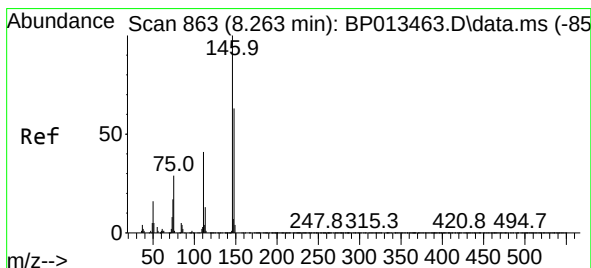
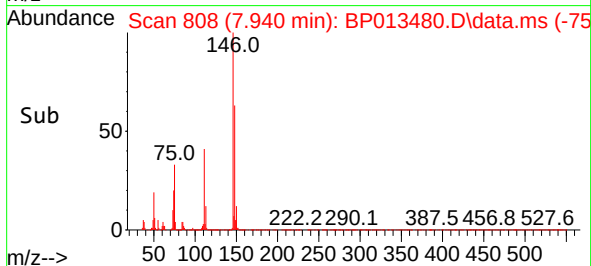
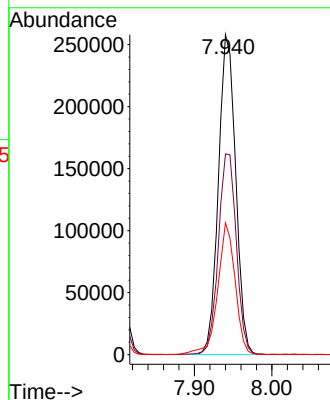
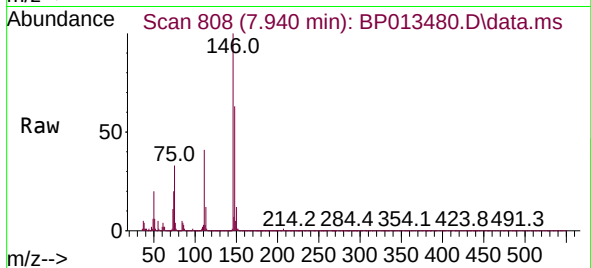
LOQ-WATER-02-QT2-2022

Tgt Ion:146 Resp: 399454
 Ion Ratio Lower Upper
 146 100
 148 62.7 52.0 78.0
 111 41.2 31.4 47.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#14

1,2-Dichlorobenzene

Concen: 10.013 ng

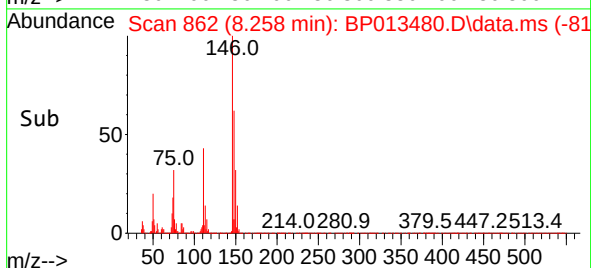
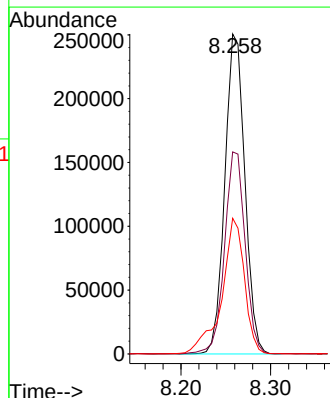
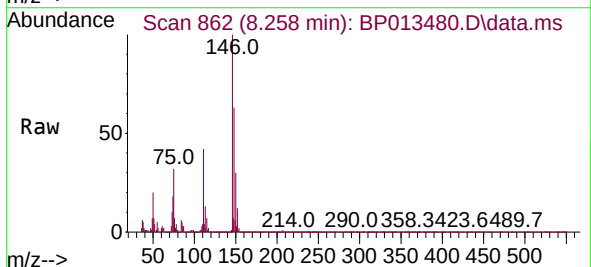
RT: 8.258 min Scan# 862

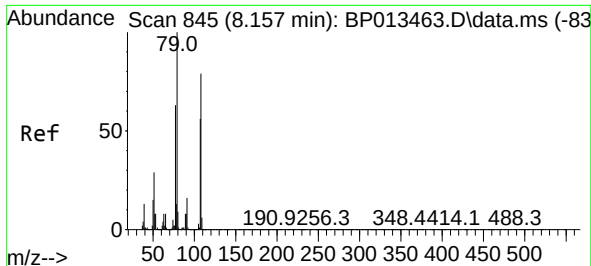
Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

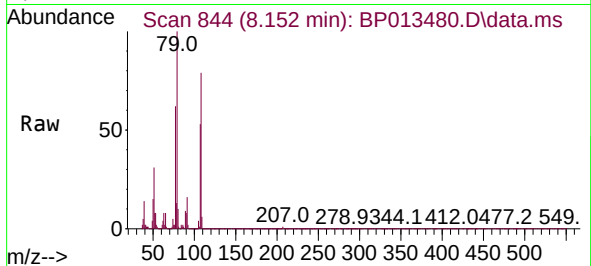
Tgt Ion:146 Resp: 389804
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.9 76.3
 111 42.4 32.7 49.1





#15
Benzyl Alcohol
Concen: 8.881 ng
RT: 8.152 min Scan# 84
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

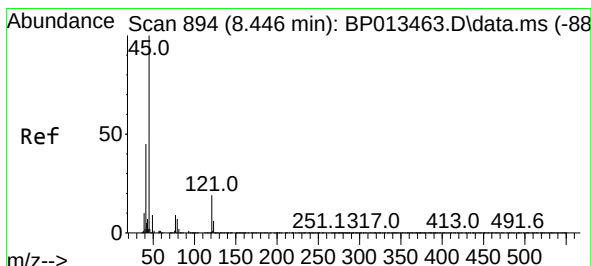
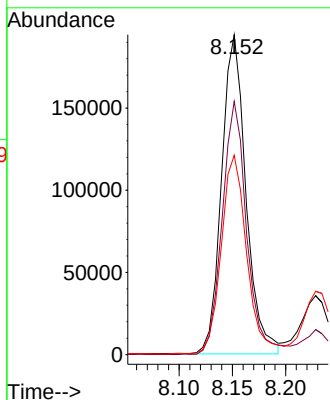
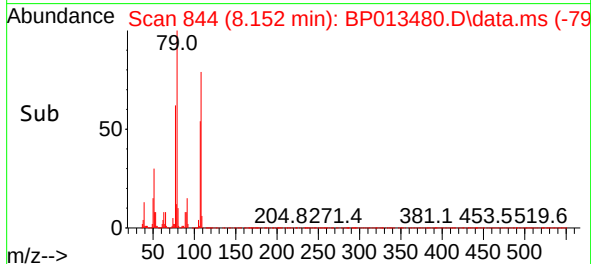
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 79 Resp: 310204
Ion Ratio Lower Upper
79 100
108 79.1 63.2 94.8
77 62.3 50.5 75.7

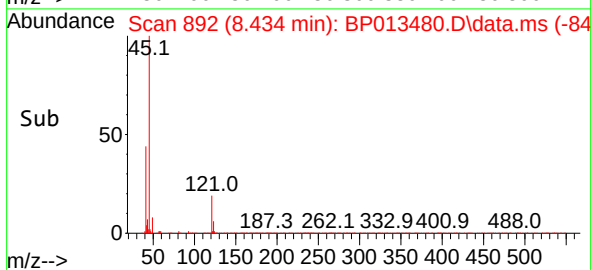
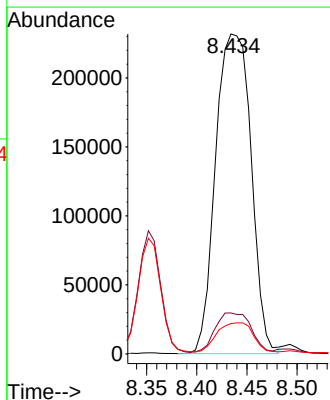
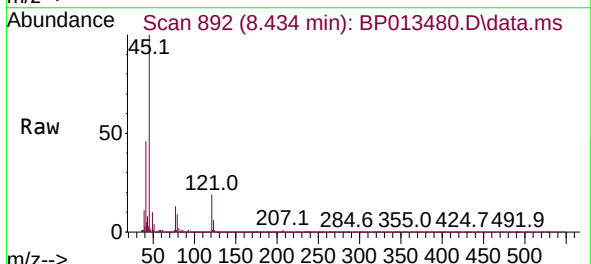
Manual Integrations
APPROVED

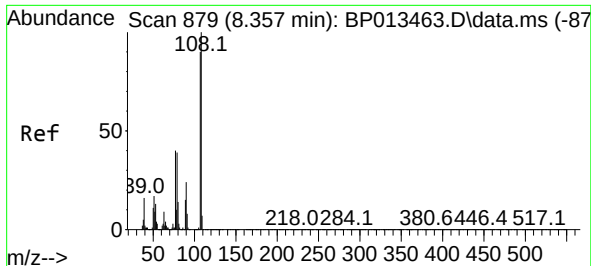
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.711 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

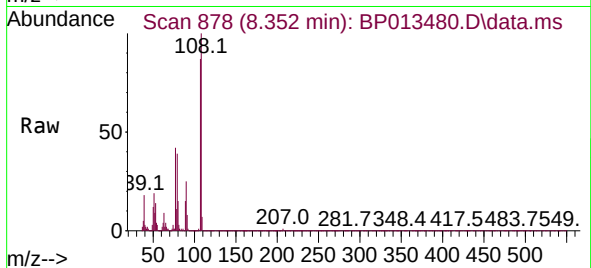
Tgt Ion: 45 Resp: 569792
Ion Ratio Lower Upper
45 100
77 12.8 0.0 32.8
79 9.5 0.0 30.3





#17
2-Methylphenol
Concen: 8.489 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

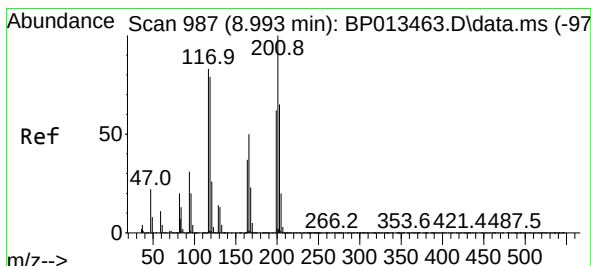
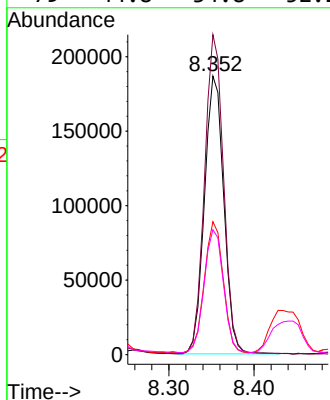
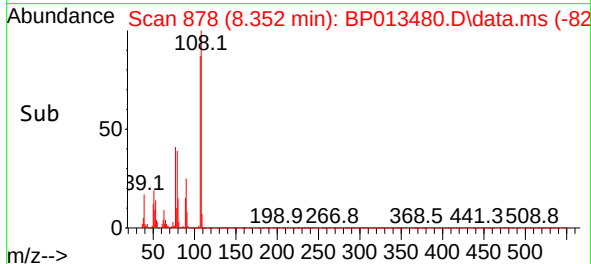
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:107 Resp: 294021
Ion Ratio Lower Upper
107 100
108 114.9 88.8 133.2
77 47.7 35.8 53.8
79 44.8 34.8 52.2

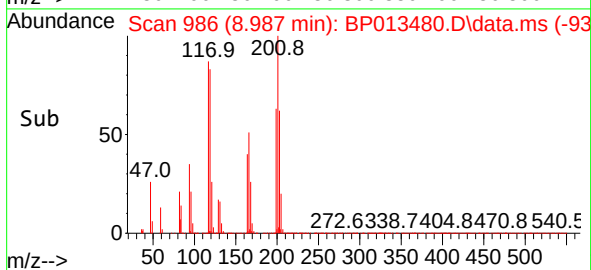
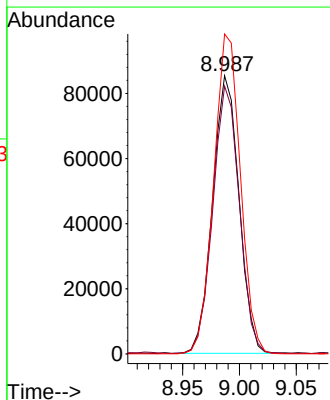
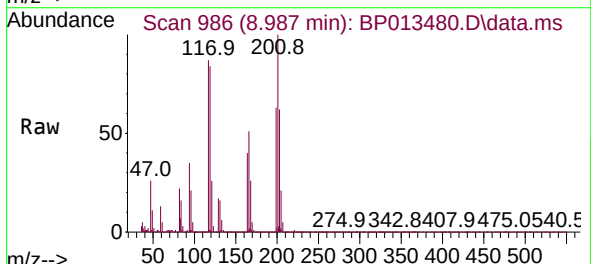
Manual Integrations
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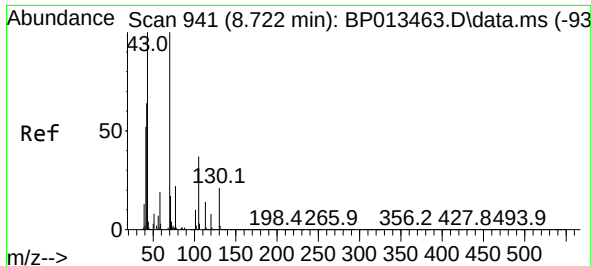
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 9.755 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

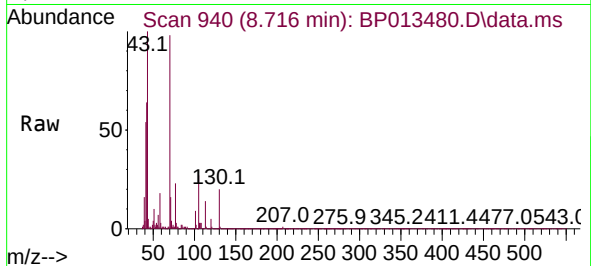
Tgt Ion:117 Resp: 137660
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 115.0 95.8 143.8





#19
n-Nitroso-di-n-propylamine
Concen: 9.309 ng
RT: 8.716 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

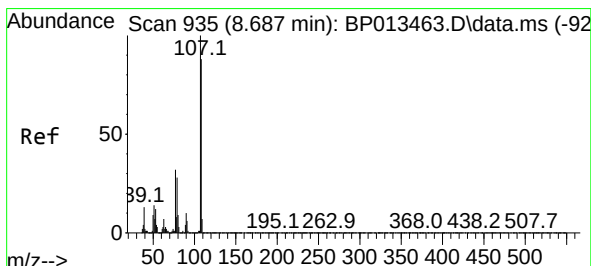
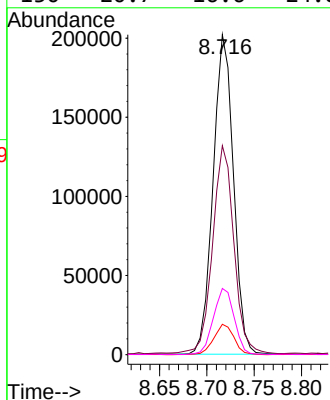
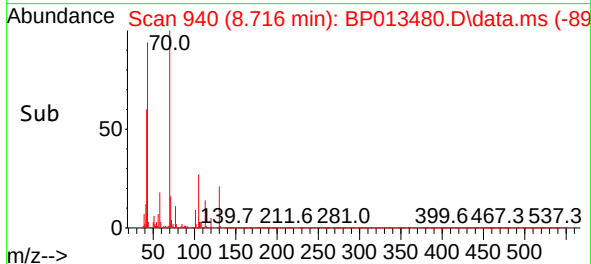
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



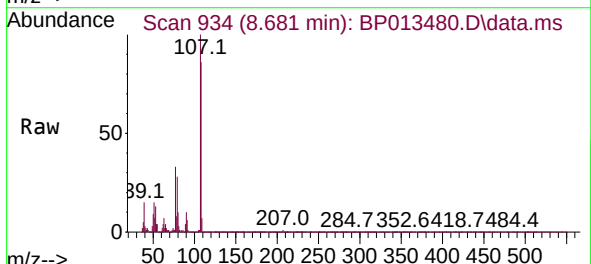
Tgt Ion: 70 Resp: 301195
Ion Ratio Lower Upper
70 100
42 65.3 51.1 76.7
101 9.5 7.8 11.8
130 20.7 16.6 24.8

Manual Integrations
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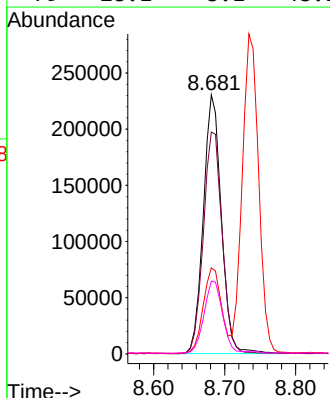
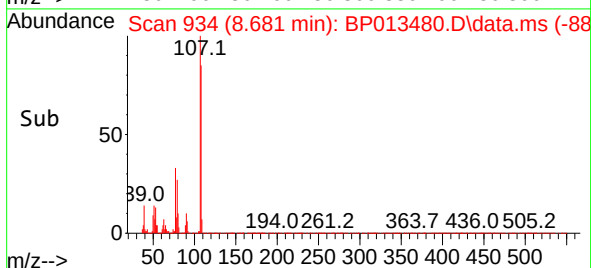
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

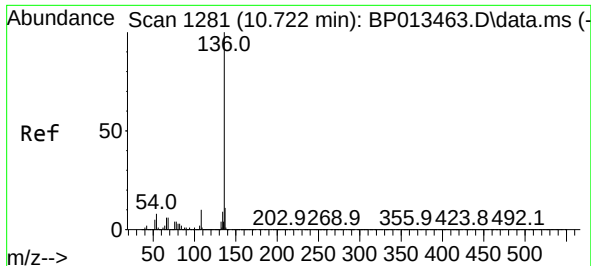


#20
3+4-Methylphenols
Concen: 8.414 ng
RT: 8.681 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



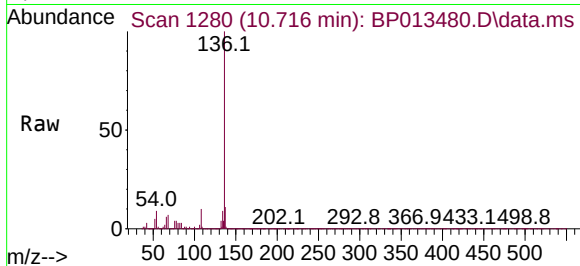
Tgt Ion:107 Resp: 404919
Ion Ratio Lower Upper
107 100
108 85.6 68.1 108.1
77 33.2 12.3 52.3
79 28.1 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

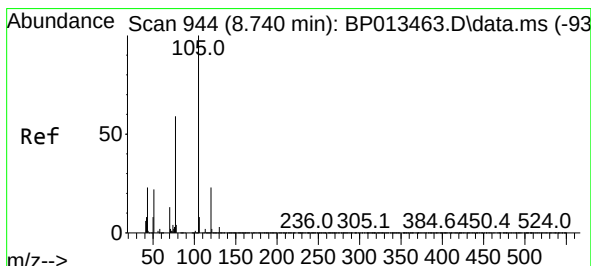
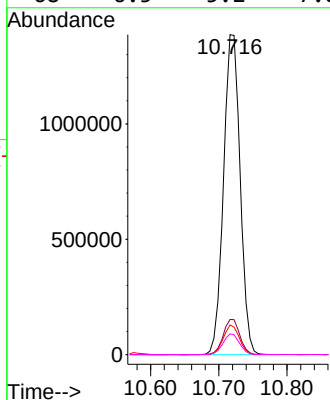
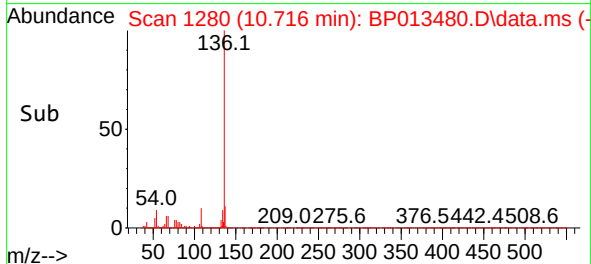
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:136 Resp: 233404
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.3 6.6 10.0
68 6.5 5.2 7.8

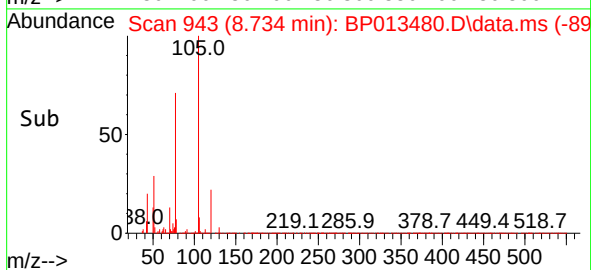
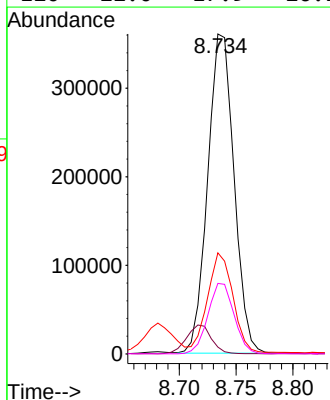
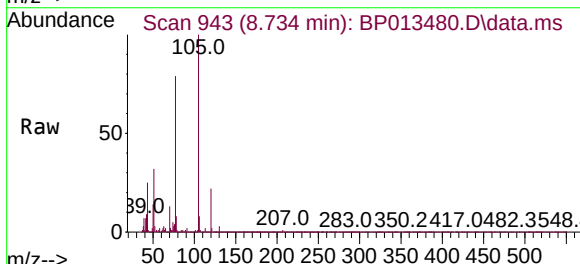
Manual Integrations
APPROVED

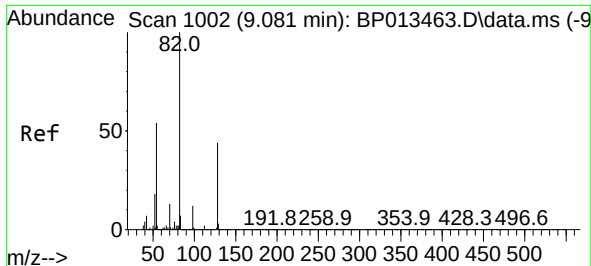
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 9.715 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:105 Resp: 580715
Ion Ratio Lower Upper
105 100
71 2.1 2.1 3.1
51 31.6 23.3 34.9
120 22.0 17.9 26.9





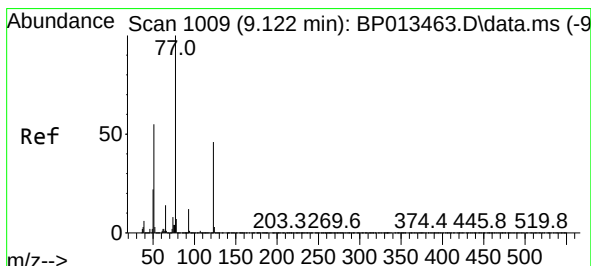
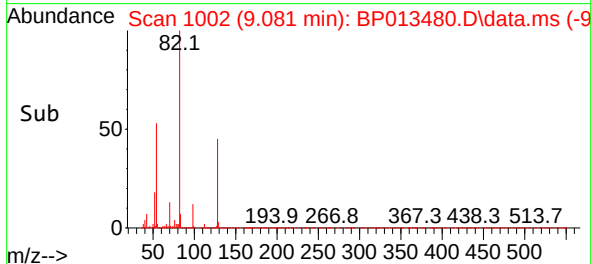
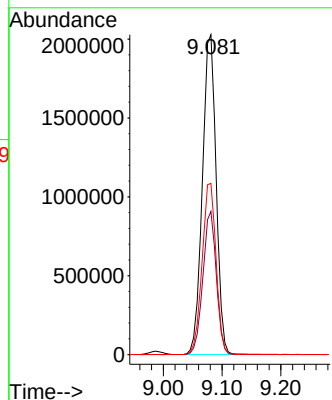
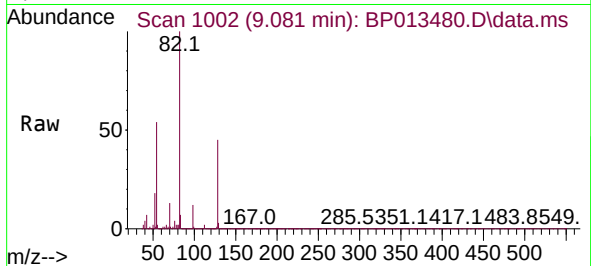
#23
Nitrobenzene-d5
Concen: 75.060 ng
RT: 9.081 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion: 82 Resp: 3297609
Ion Ratio Lower Upper
82 100
128 44.7 35.4 53.0
54 53.5 42.8 64.2

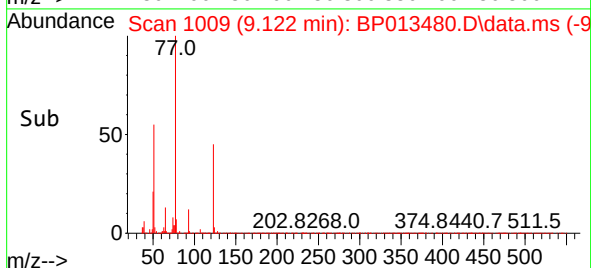
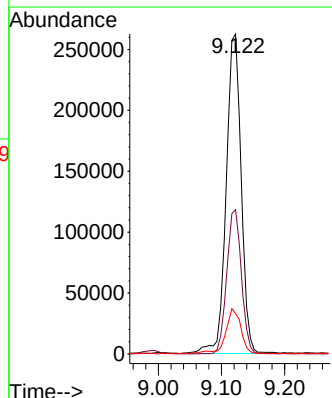
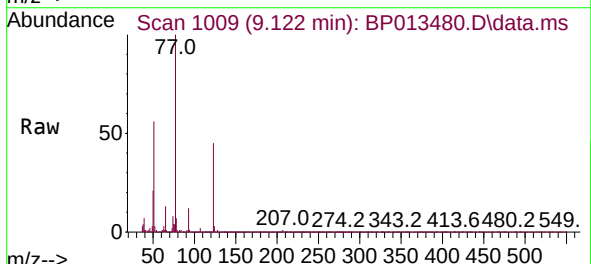
Manual Integrations
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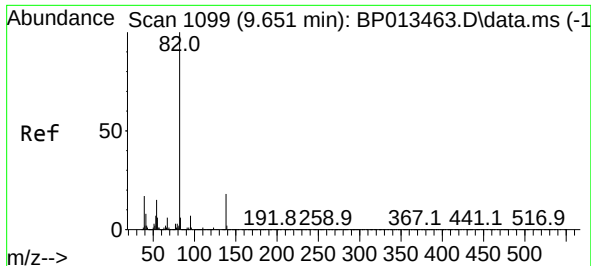
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#24
Nitrobenzene
Concen: 9.544 ng
RT: 9.122 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

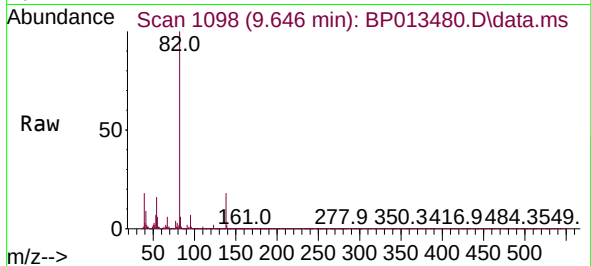
Tgt Ion: 77 Resp: 433691
Ion Ratio Lower Upper
77 100
123 45.1 36.5 54.7
65 12.6 11.0 16.6





#25
Isophorone
Concen: 9.270 ng
RT: 9.646 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

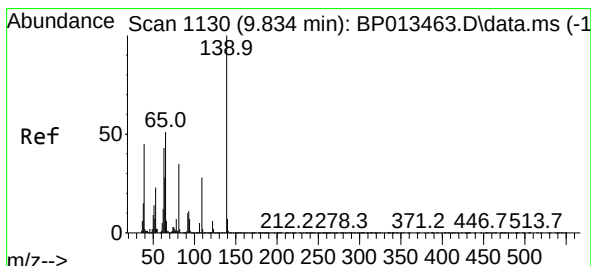
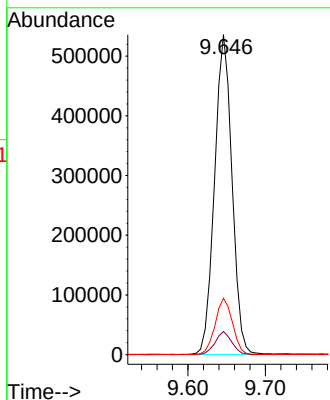
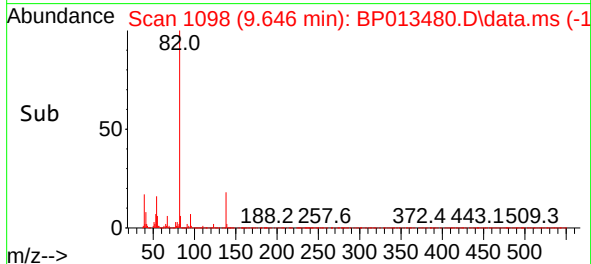
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 82 Resp: 838294
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.0
138 17.6 14.5 21.7

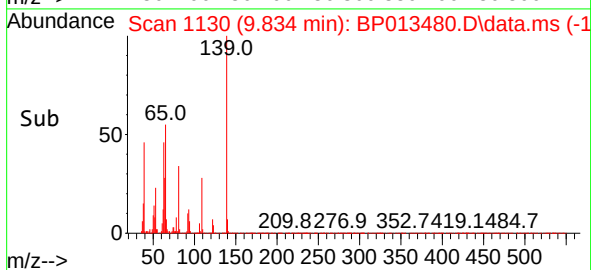
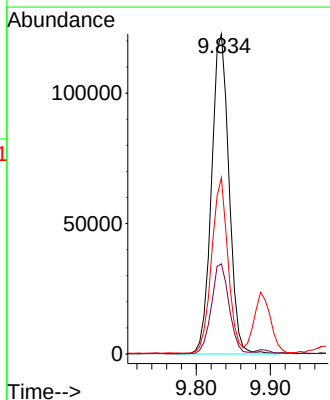
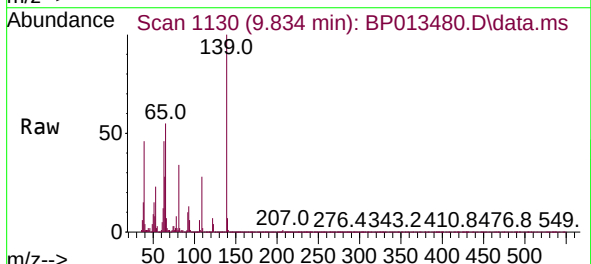
Manual Integrations
APPROVED

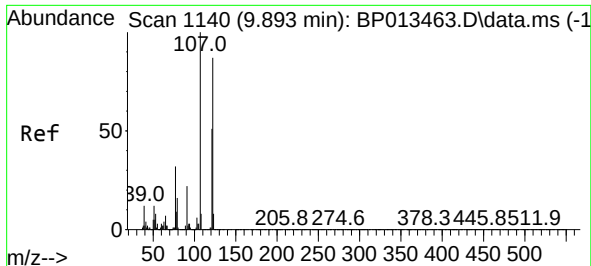
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#26
2-Nitrophenol
Concen: 8.916 ng
RT: 9.834 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

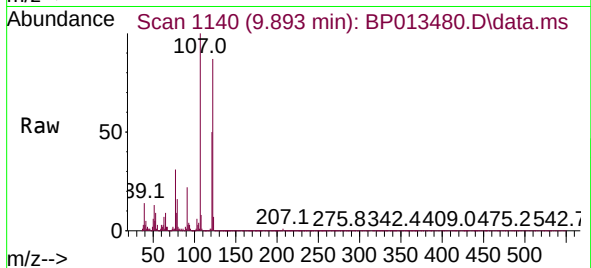
Tgt Ion:139 Resp: 200277
Ion Ratio Lower Upper
139 100
109 28.2 22.5 33.7
65 55.0 41.0 61.4





#27
2,4-Dimethylphenol
Concen: 8.557 ng
RT: 9.893 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

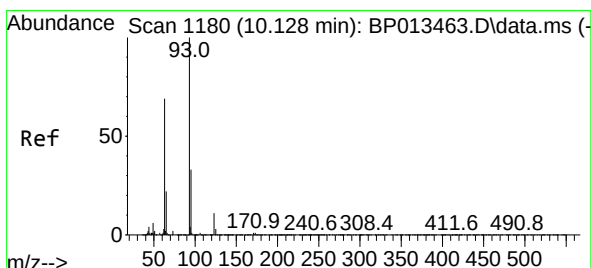
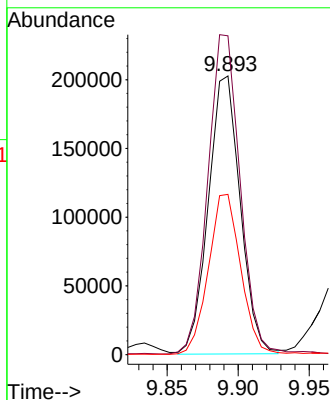
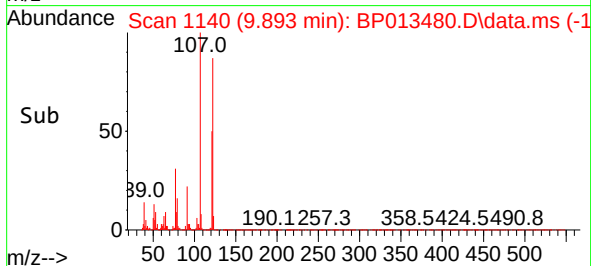
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



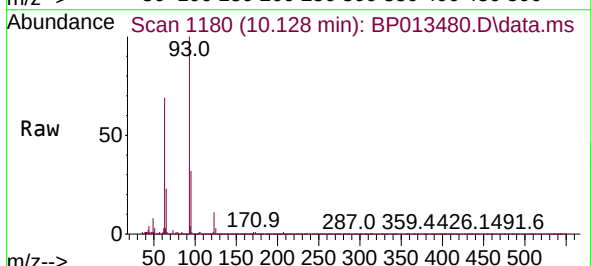
Tgt Ion: 122 Resp: 31644
Ion Ratio Lower Upper
122 100
107 114.4 91.6 137.4
121 57.5 46.3 69.5

Manual Integrations
APPROVED

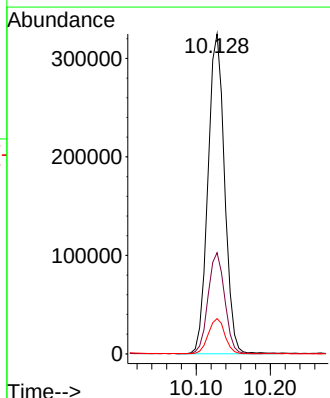
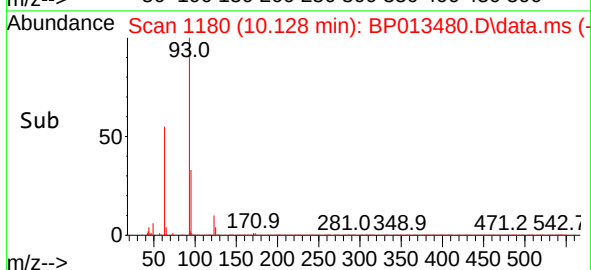
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

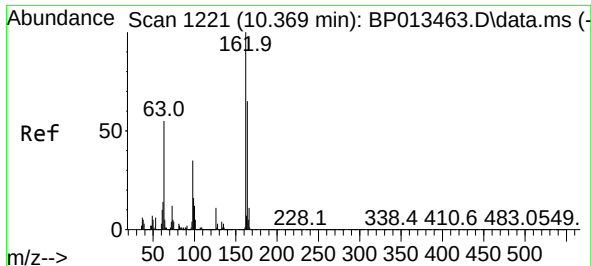


#28
bis(2-Chloroethoxy)methane
Concen: 9.459 ng
RT: 10.128 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



Tgt Ion: 93 Resp: 504509
Ion Ratio Lower Upper
93 100
95 31.6 26.1 39.1
123 11.0 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 9.212 ng

RT: 10.369 min Scan# 1221

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

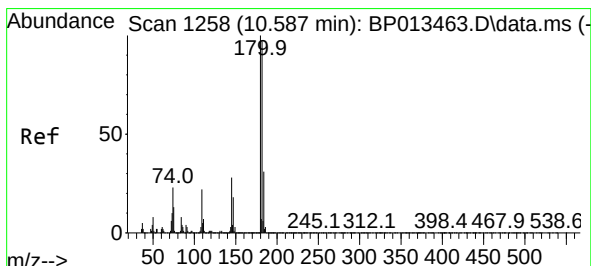
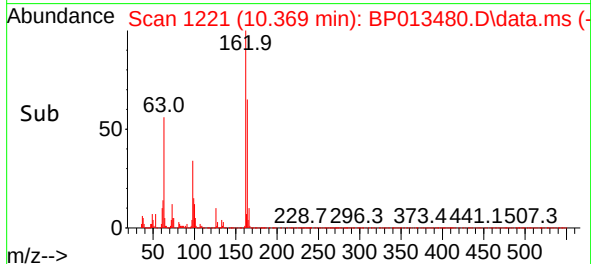
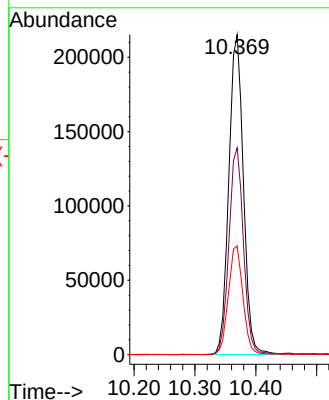
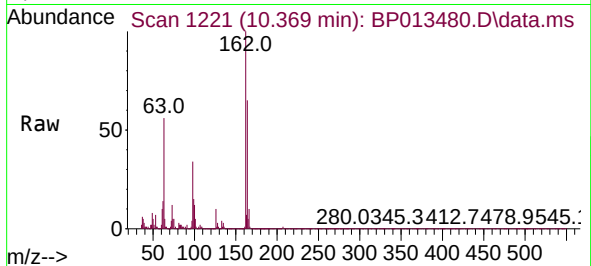
Tgt Ion:	162	Resp:	357482
Ion Ratio	Lower	Upper	
162	100		
164	64.6	45.4	85.4
98	33.9	14.8	54.8

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.531 ng

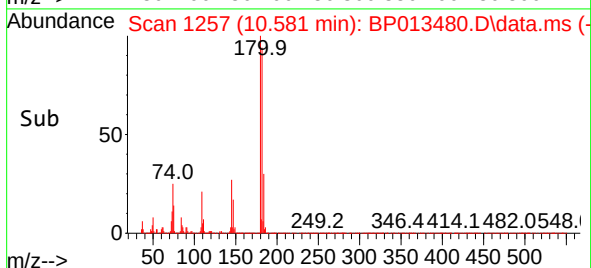
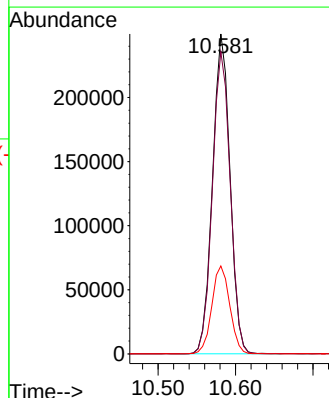
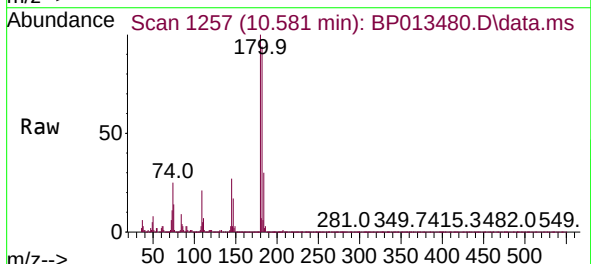
RT: 10.581 min Scan# 1257

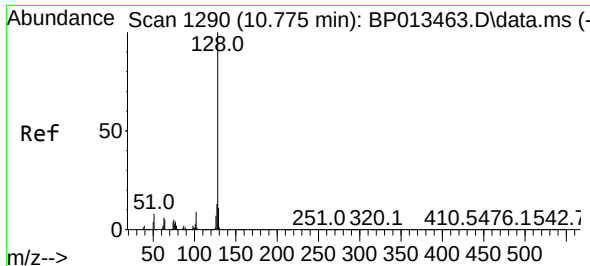
Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

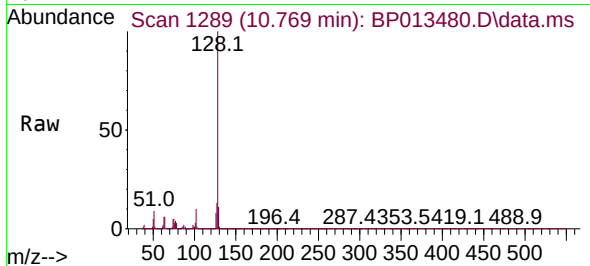
Tgt Ion:	180	Resp:	391418
Ion Ratio	Lower	Upper	
180	100		
182	94.4	77.3	115.9
145	27.5	22.8	34.2





#31
Naphthalene
Concen: 9.455 ng
RT: 10.769 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

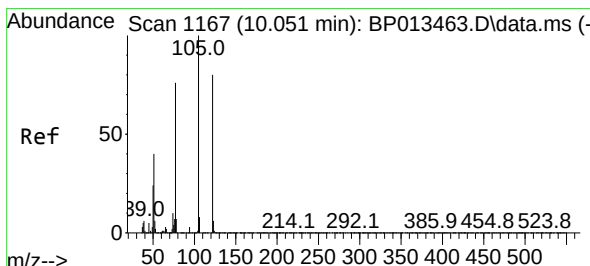
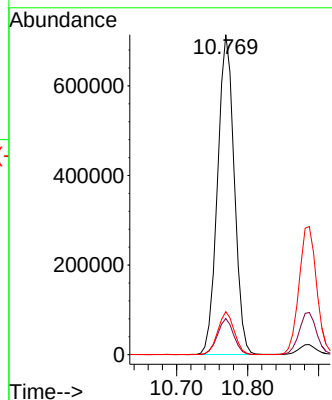
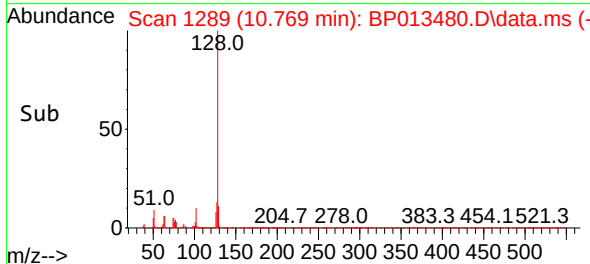
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:128 Resp: 1166964
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 10.6 16.0

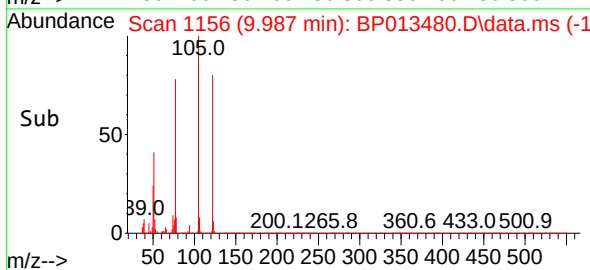
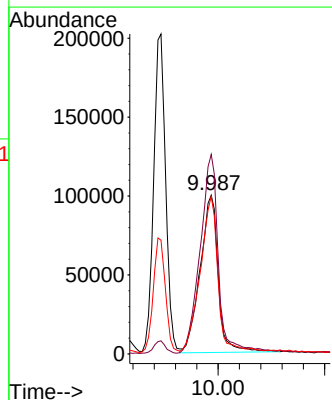
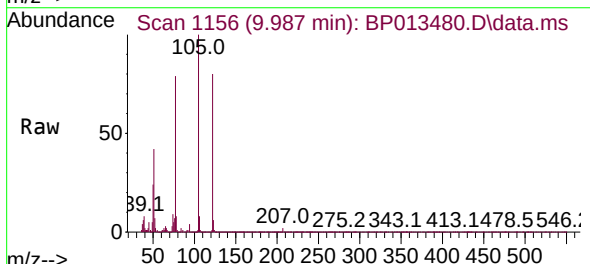
Manual Integrations
APPROVED

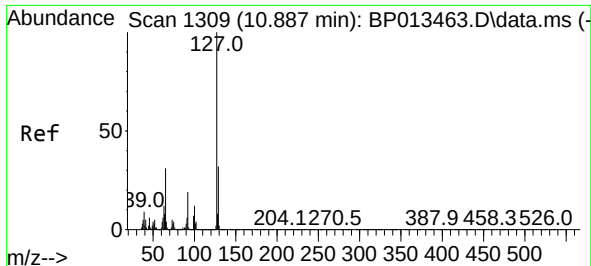
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 7.680 ng
RT: 9.987 min Scan# 1156
Delta R.T. -0.065 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

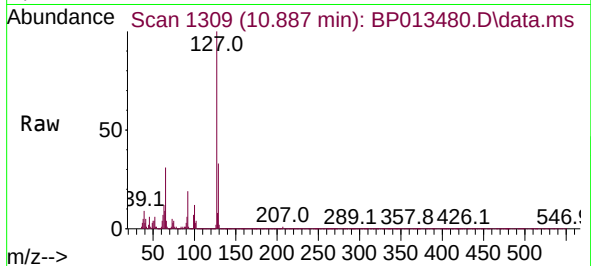
Tgt Ion:122 Resp: 236882
Ion Ratio Lower Upper
122 100
105 125.7 102.7 142.7
77 99.3 74.0 114.0





#33
4-Chloroaniline
Concen: 8.814 ng
RT: 10.887 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

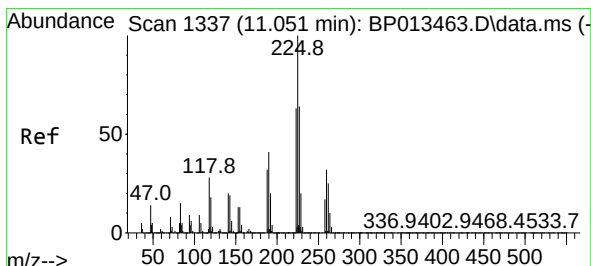
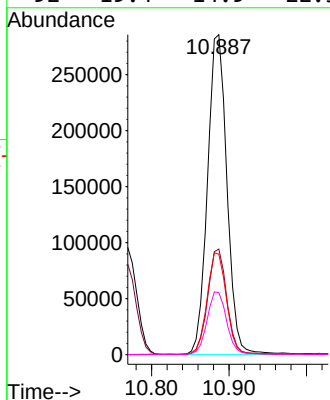
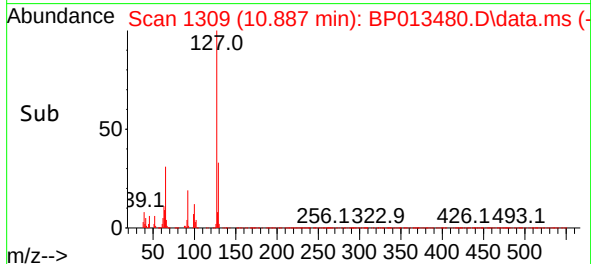
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:127 Resp: 496937
Ion Ratio Lower Upper
127 100
129 33.0 25.6 38.4
65 31.4 25.2 37.8
92 19.4 14.9 22.3

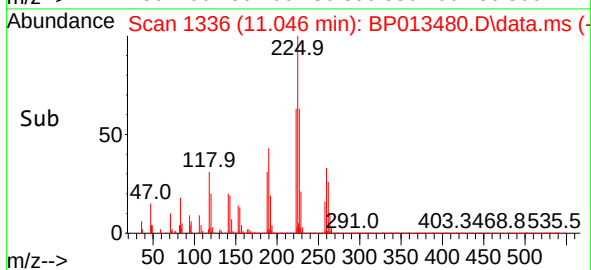
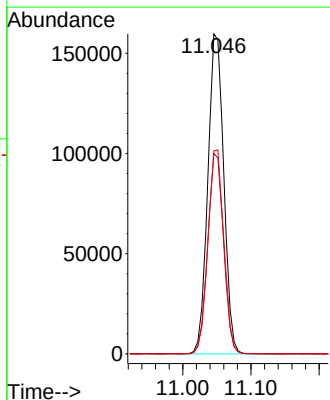
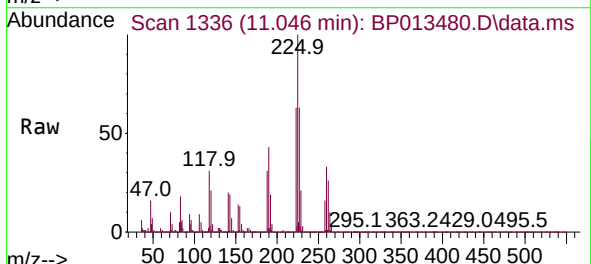
Manual Integrations
APPROVED

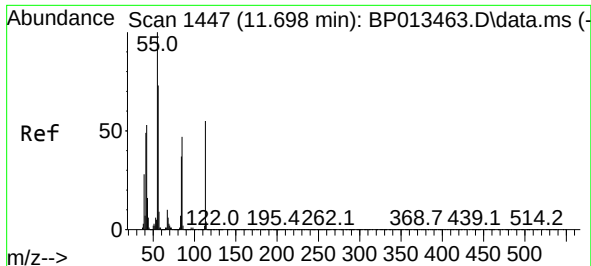
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#34
Hexachlorobutadiene
Concen: 9.960 ng
RT: 11.046 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

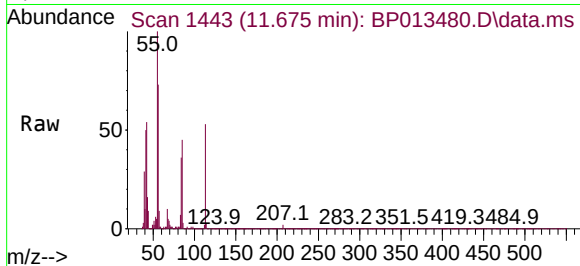
Tgt Ion:225 Resp: 257824
Ion Ratio Lower Upper
225 100
223 62.6 50.0 75.0
227 63.4 51.0 76.6





#35
Caprolactam
Concen: 9.028 ng
RT: 11.675 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

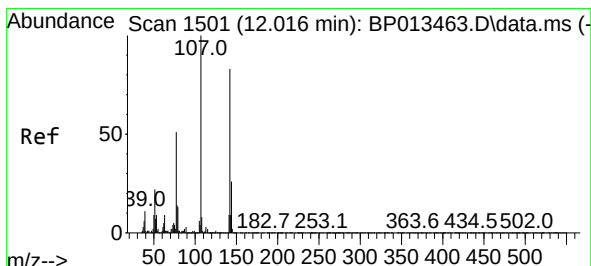
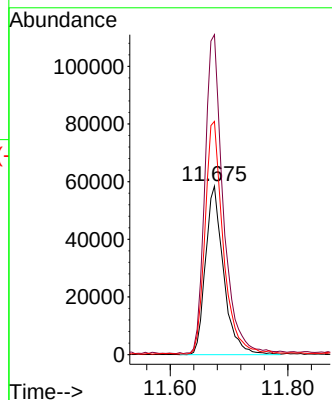
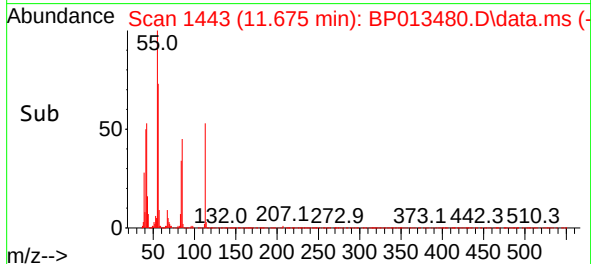
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:113 Resp: 124826
Ion Ratio Lower Upper
113 100
55 190.0 163.1 203.1
56 138.4 113.0 153.0

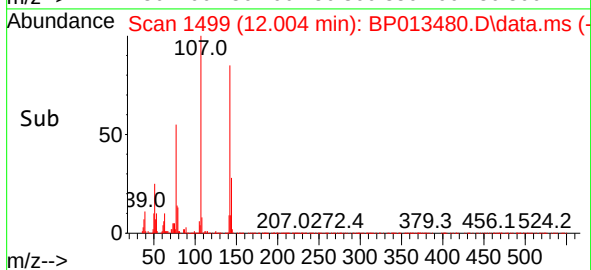
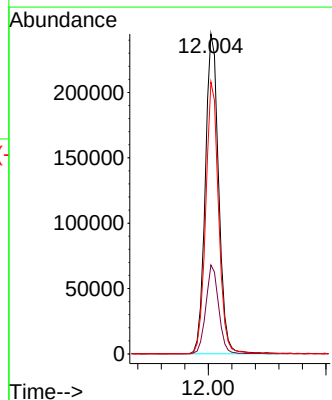
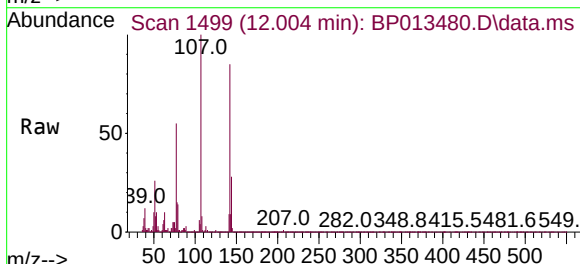
Manual Integrations
APPROVED

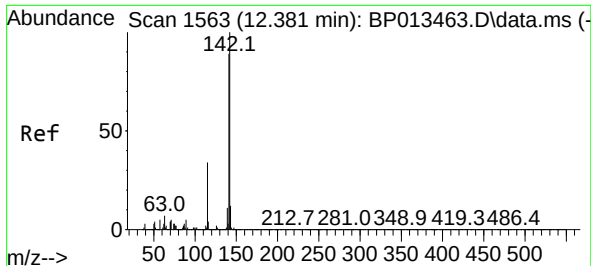
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#36
4-Chloro-3-methylphenol
Concen: 9.130 ng
RT: 12.004 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:107 Resp: 386064
Ion Ratio Lower Upper
107 100
144 27.8 21.2 31.8
142 85.0 66.0 99.0





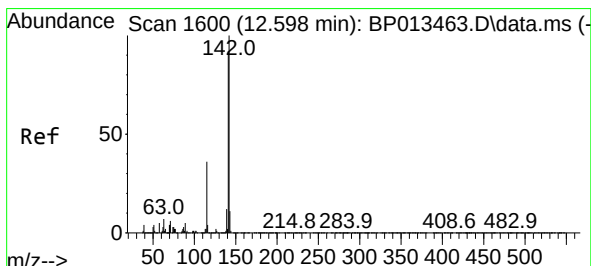
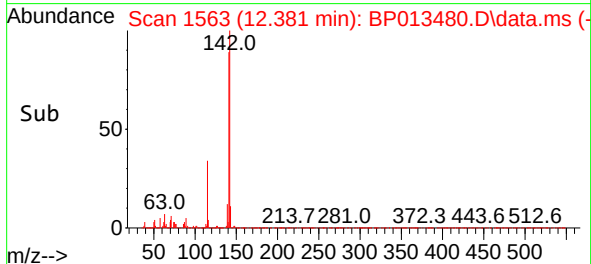
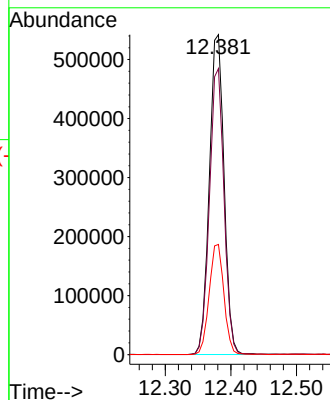
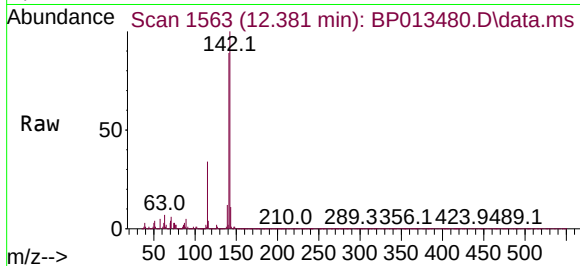
#37
2-Methylnaphthalene
Concen: 9.138 ng
RT: 12.381 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:142 Resp: 846723
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7
115 34.4 27.6 41.4

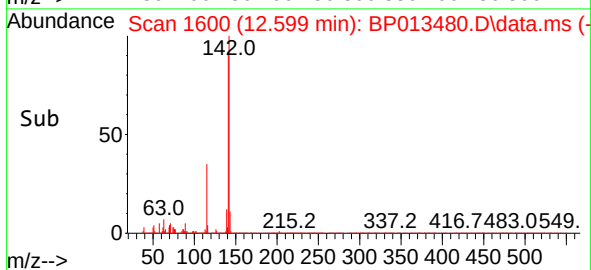
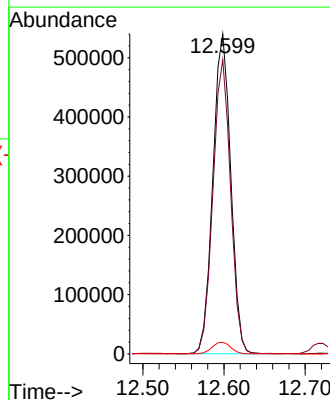
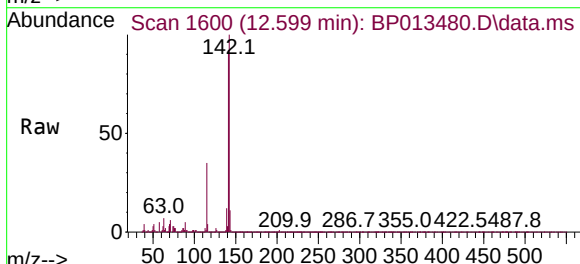
Manual Integrations
APPROVED

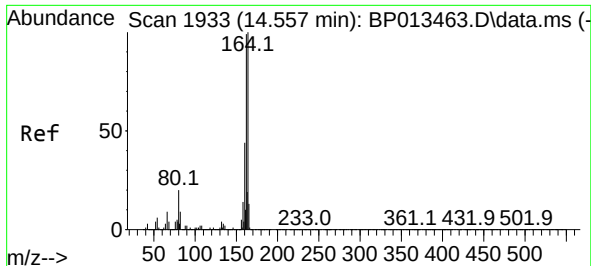
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38
1-Methylnaphthalene
Concen: 9.449 ng
RT: 12.599 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

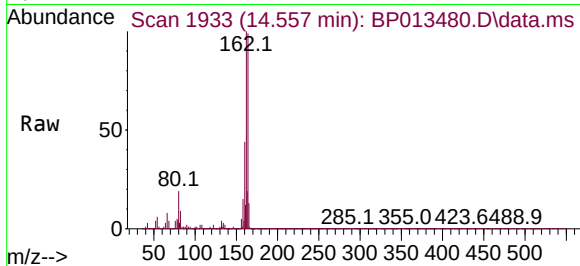
Tgt Ion:142 Resp: 825933
Ion Ratio Lower Upper
142 100
141 91.9 73.3 109.9
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1933
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

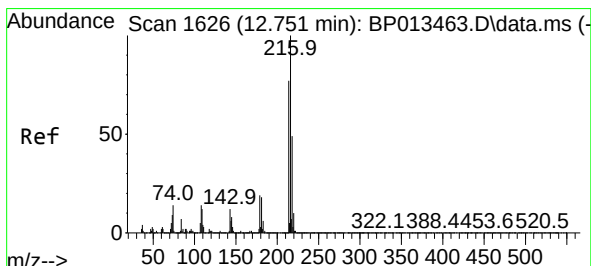
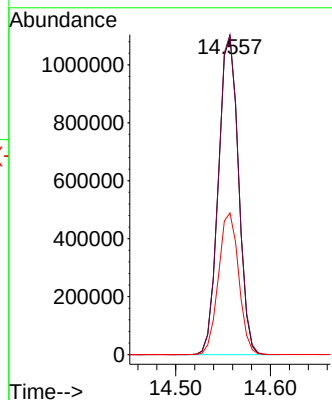
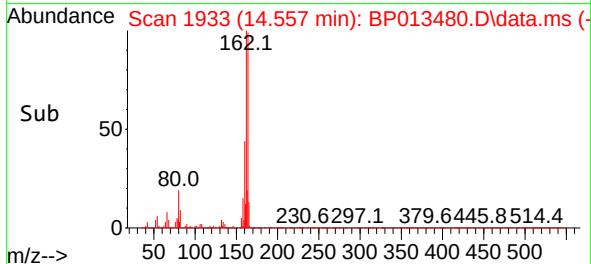
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



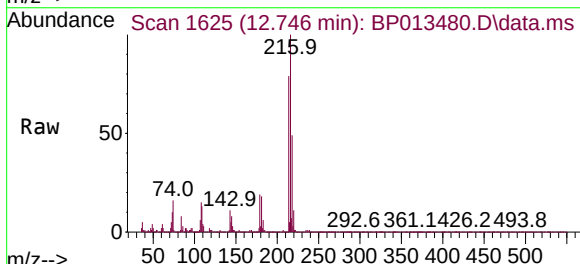
Tgt Ion:164 Resp: 1608733
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 44.6 35.4 53.0

Manual Integrations
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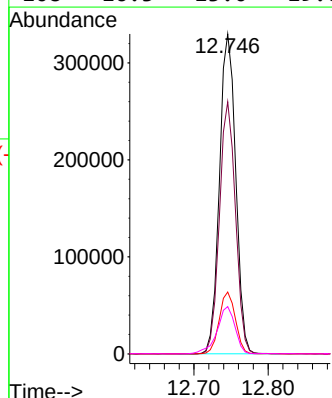
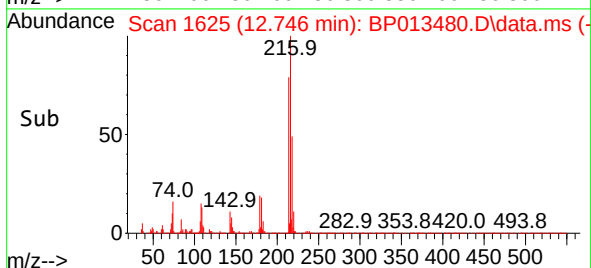
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

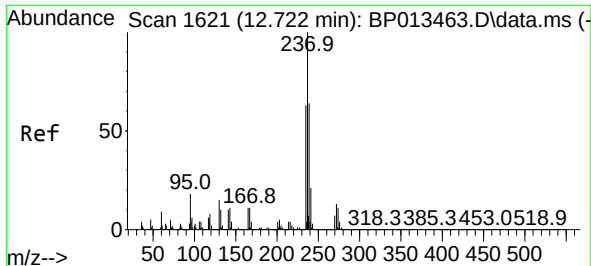


#40
1,2,4,5-Tetrachlorobenzene
Concen: 9.521 ng
RT: 12.746 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



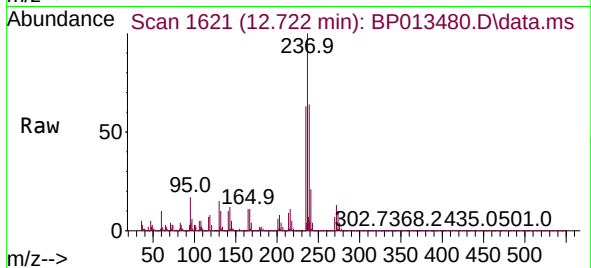
Tgt Ion:216 Resp: 502035
Ion Ratio Lower Upper
216 100
214 77.9 62.1 93.1
179 19.2 15.6 23.4
108 16.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 9.078 ng
RT: 12.722 min Scan# 1621
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

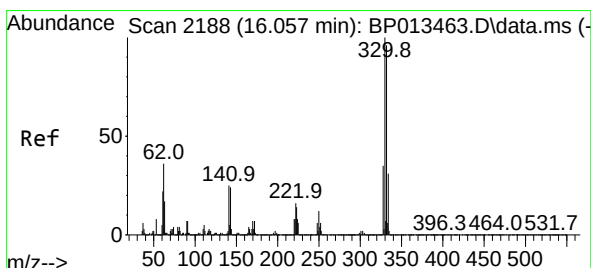
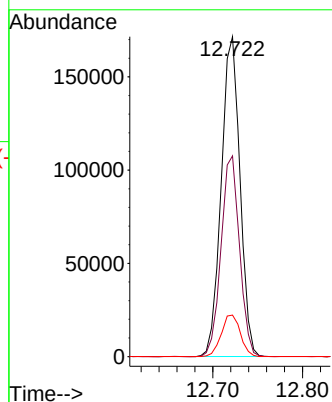
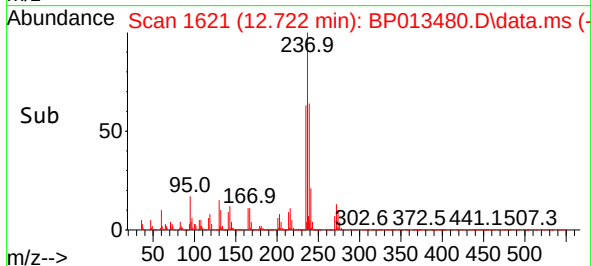
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 237 Resp: 249589
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.0 0.0 32.7

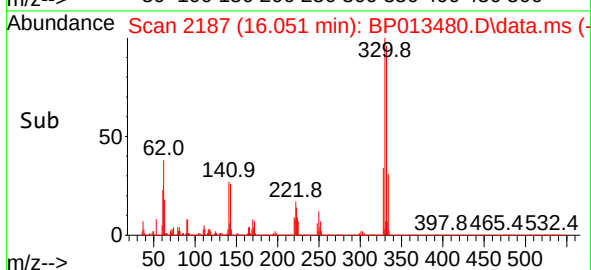
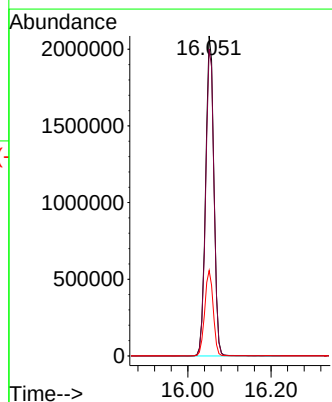
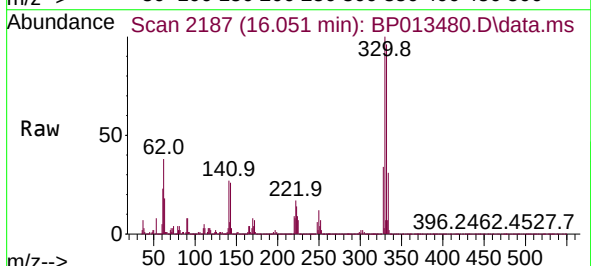
Manual Integrations
APPROVED

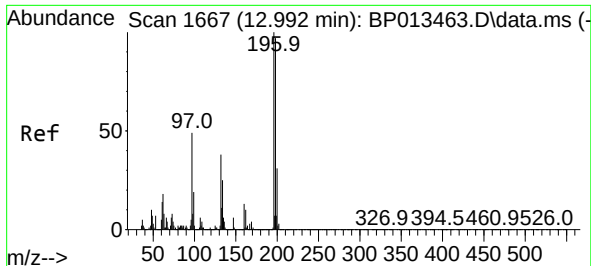
Reviewed By : Christian Giraldo 01/17/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#42
2,4,6-Tribromophenol
Concen: 114.565 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

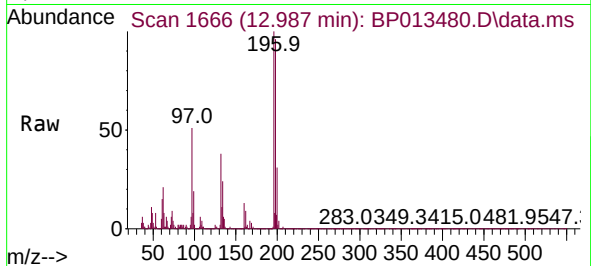
Tgt Ion: 330 Resp: 2876910
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 27.4 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 9.074 ng
RT: 12.987 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

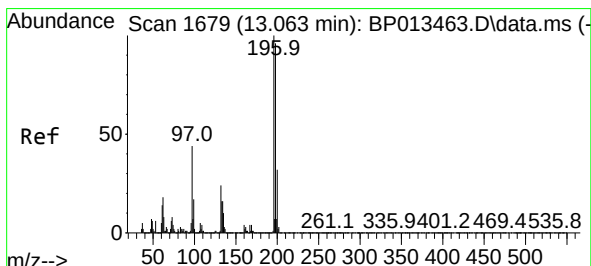
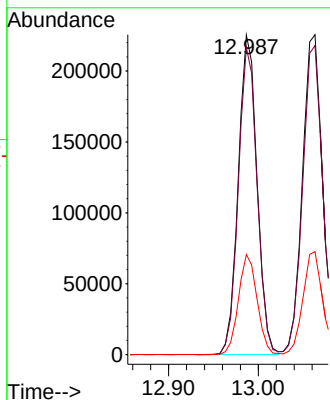
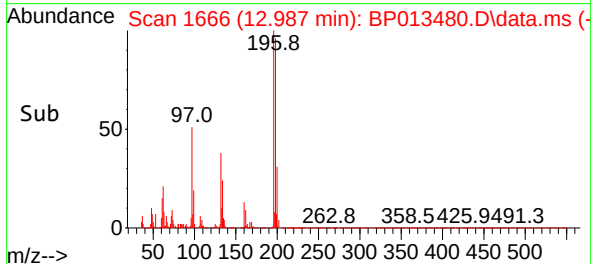
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:196 Resp: 328976
Ion Ratio Lower Upper
196 100
198 96.1 77.4 116.0
200 31.3 24.7 37.1

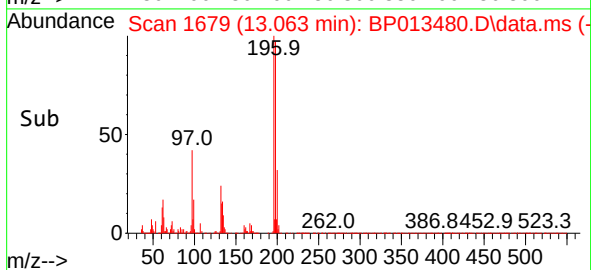
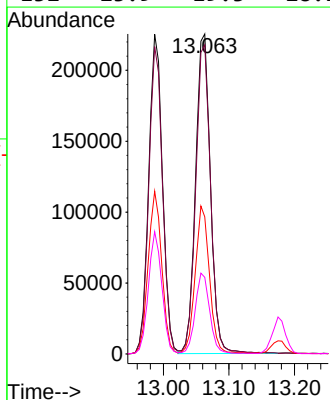
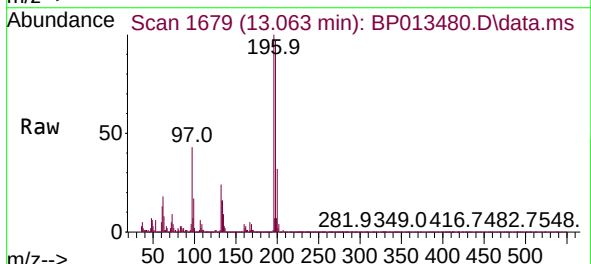
Manual Integrations
APPROVED

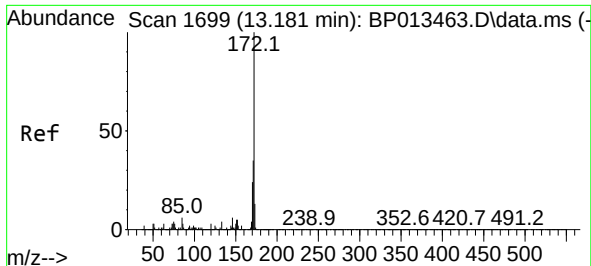
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#44
2,4,5-Trichlorophenol
Concen: 8.339 ng
RT: 13.063 min Scan# 1679
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:196 Resp: 354776
Ion Ratio Lower Upper
196 100
198 96.6 76.8 115.2
97 42.8 34.9 52.3
132 23.9 19.3 28.9





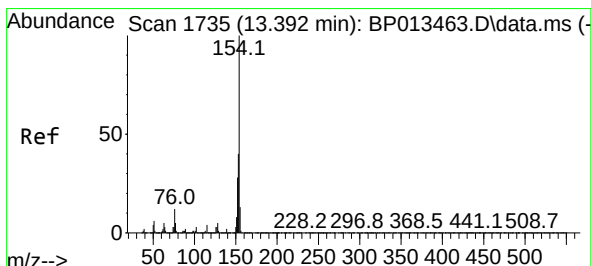
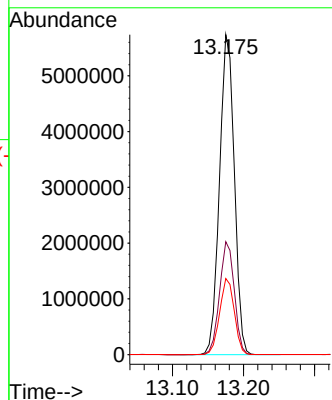
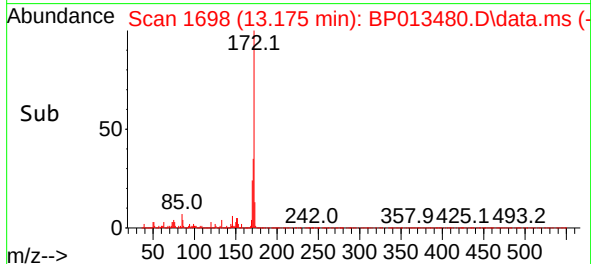
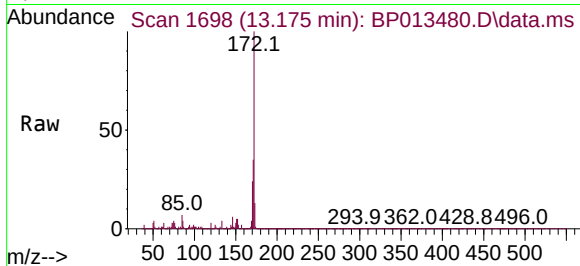
#45
2-Fluorobiphenyl
Concen: 75.836 ng
RT: 13.175 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:172 Resp: 8345634
Ion Ratio Lower Upper
172 100
171 35.3 28.0 42.0
170 23.8 19.0 28.4

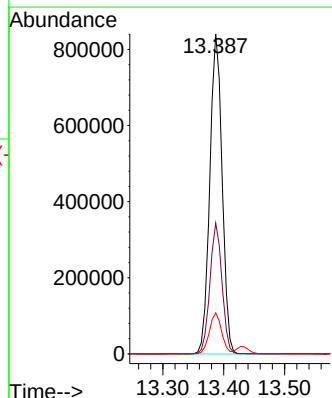
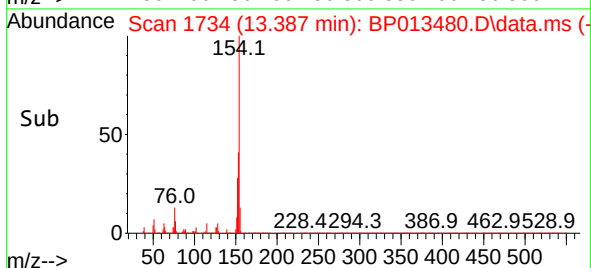
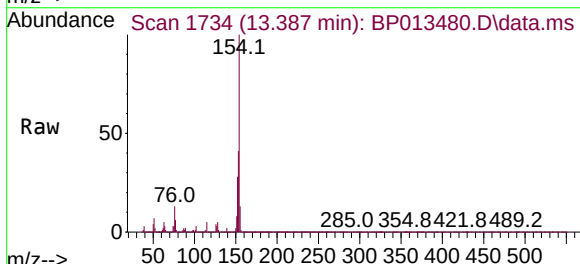
Manual Integrations
APPROVED

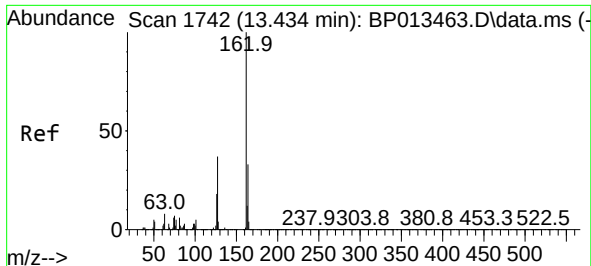
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#46
1,1'-Biphenyl
Concen: 9.704 ng
RT: 13.387 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

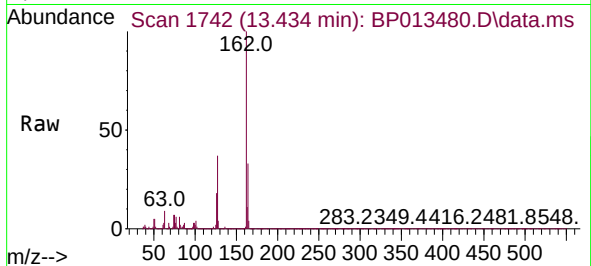
Tgt Ion:154 Resp: 1180215
Ion Ratio Lower Upper
154 100
153 40.9 19.9 59.9
76 12.8 0.0 32.5





#47
2-Chloronaphthalene
Concen: 9.636 ng
RT: 13.434 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

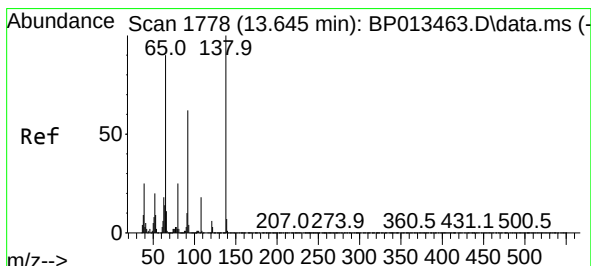
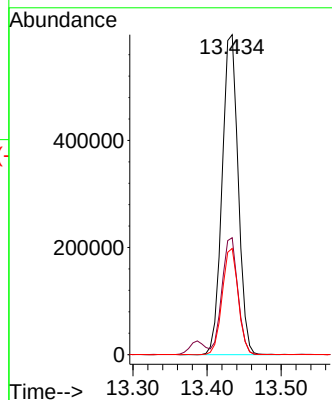
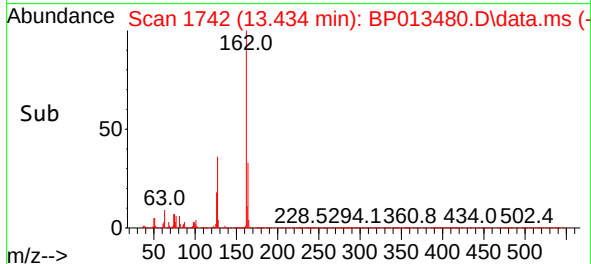
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



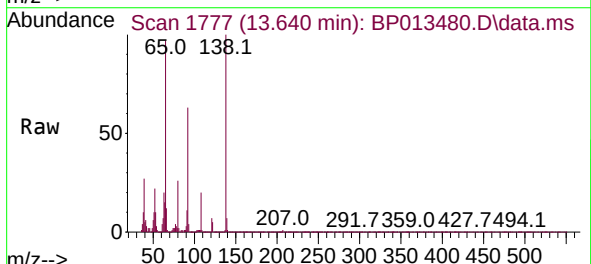
Tgt Ion:162 Resp: 898920
Ion Ratio Lower Upper
162 100
127 36.5 29.8 44.8
164 33.2 26.4 39.6

Manual Integrations
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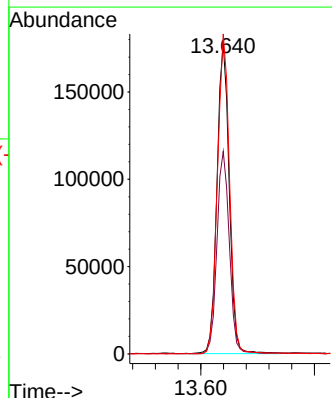
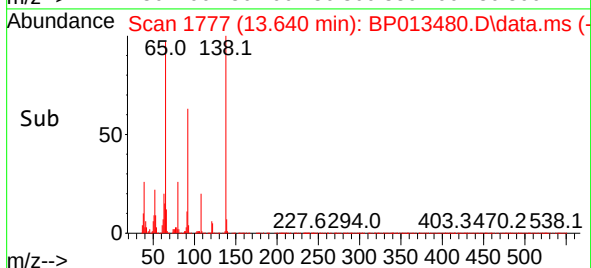
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

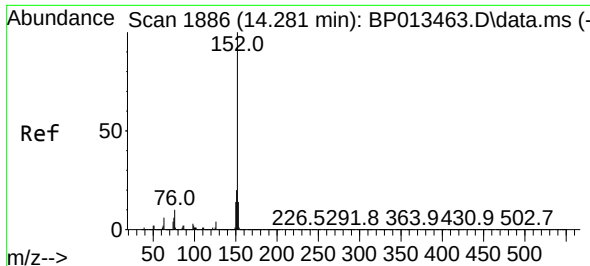


#48
2-Nitroaniline
Concen: 8.630 ng
RT: 13.640 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



Tgt Ion: 65 Resp: 264976
Ion Ratio Lower Upper
65 100
92 65.2 55.1 82.7
138 103.1 88.5 132.7





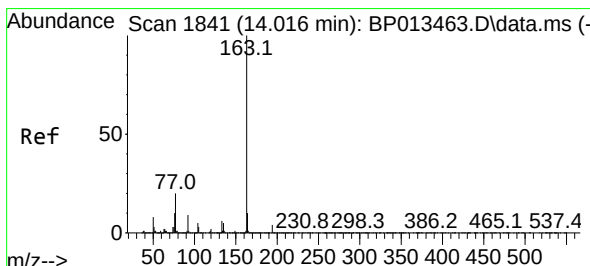
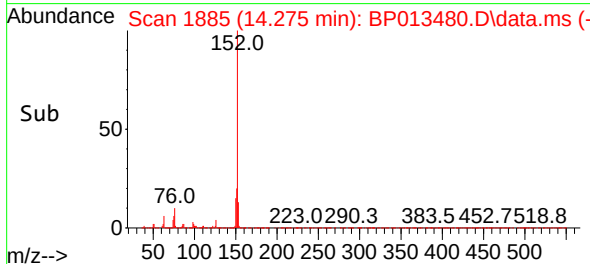
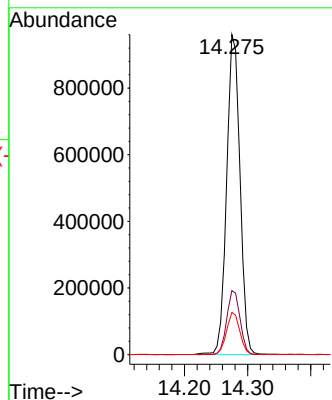
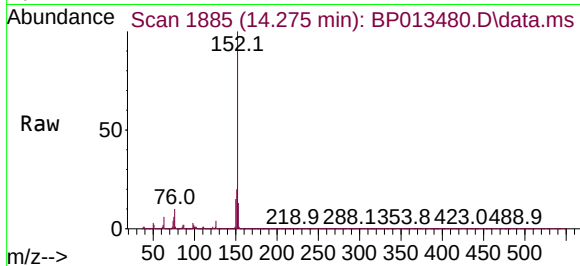
#49
Acenaphthylene
Concen: 9.154 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:152 Resp: 1408249
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.2 10.9 16.3

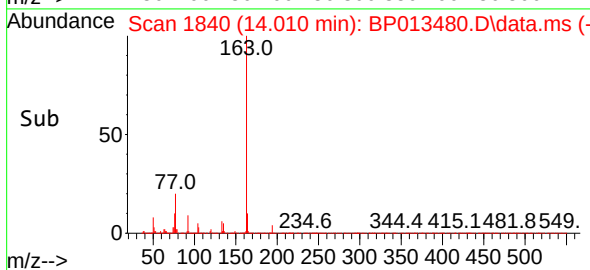
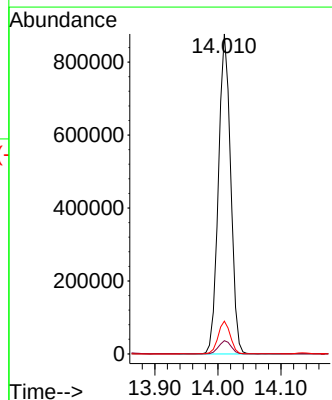
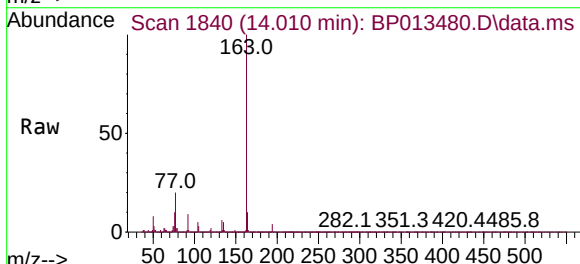
Manual Integrations
APPROVED

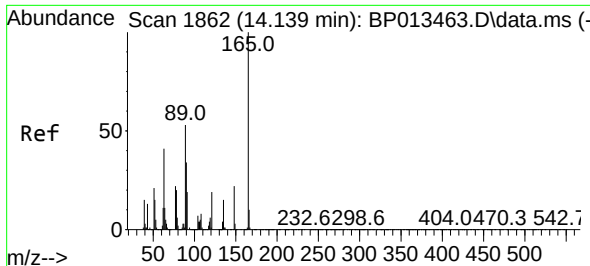
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#50
Dimethylphthalate
Concen: 9.251 ng
RT: 14.010 min Scan# 1840
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:163 Resp: 1180176
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.2 8.3 12.5





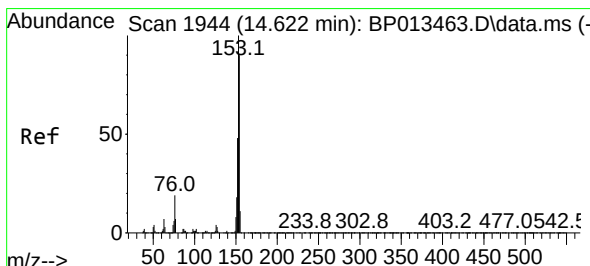
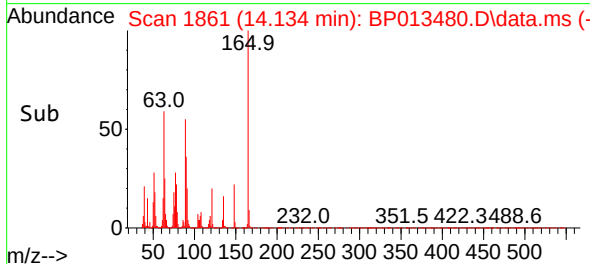
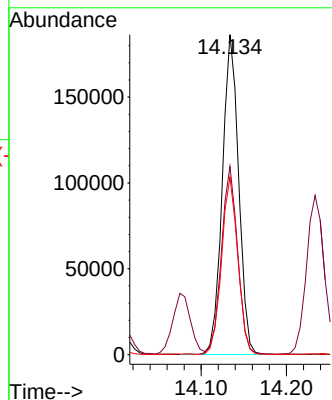
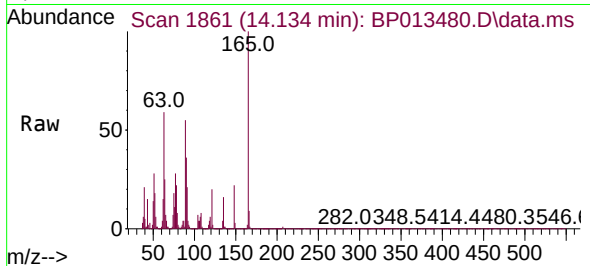
#51
2,6-Dinitrotoluene
Concen: 8.895 ng
RT: 14.134 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:165 Resp: 247536
Ion Ratio Lower Upper
165 100
63 58.8 42.8 64.2
89 55.5 42.5 63.7

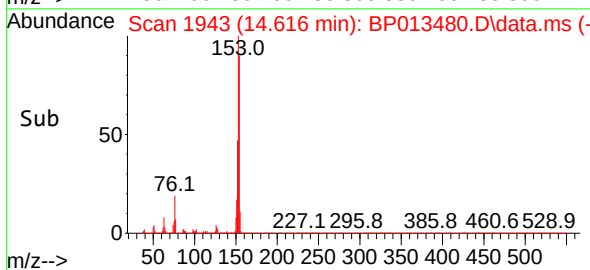
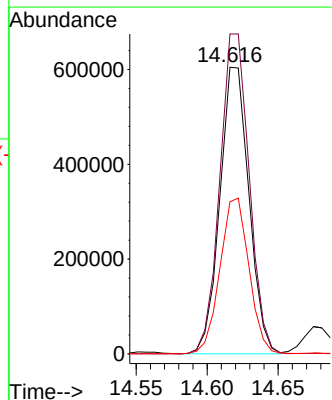
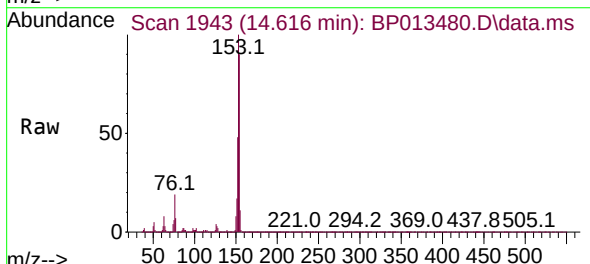
Manual Integrations
APPROVED

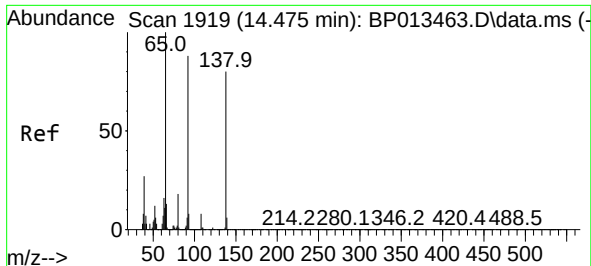
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#52
Acenaphthene
Concen: 9.471 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

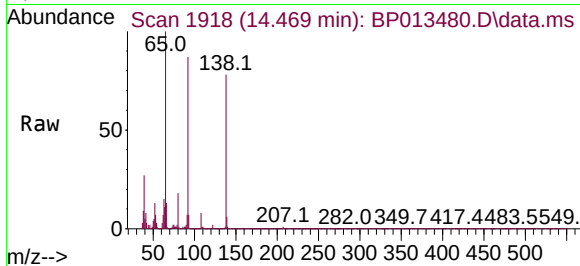
Tgt Ion:154 Resp: 862347
Ion Ratio Lower Upper
154 100
153 111.6 89.2 133.8
152 53.1 42.8 64.2





#53
3-Nitroaniline
Concen: 8.541 ng
RT: 14.469 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

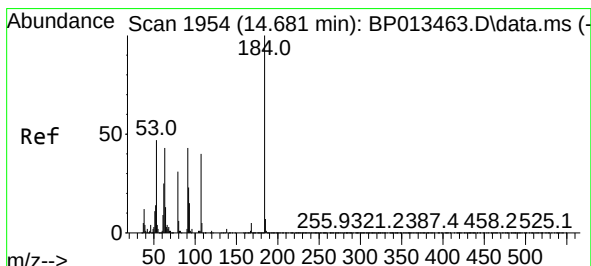
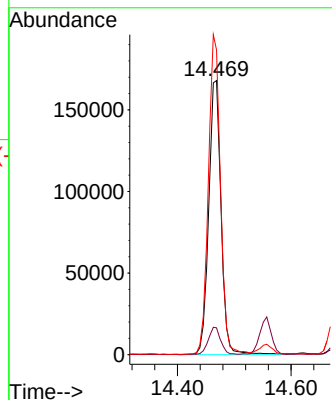
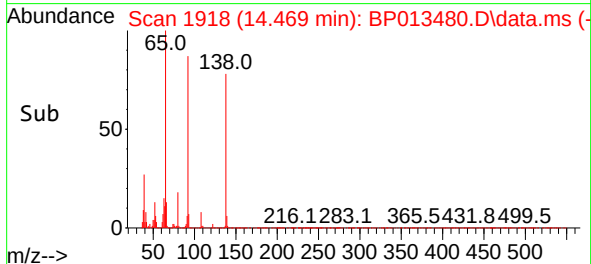
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:138 Resp: 25427
Ion Ratio Lower Upper
138 100
108 9.8 7.7 11.5
92 111.2 88.2 132.2

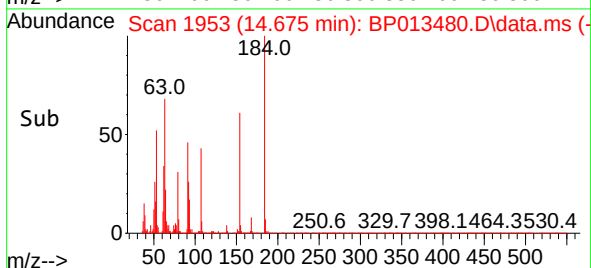
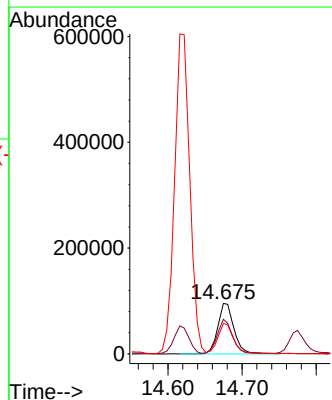
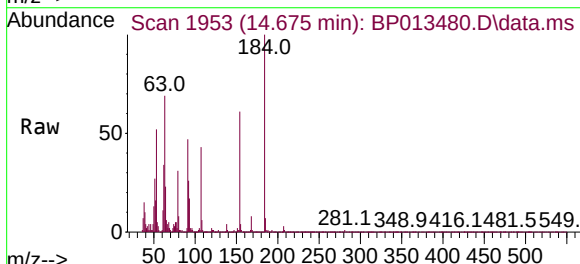
Manual Integrations
APPROVED

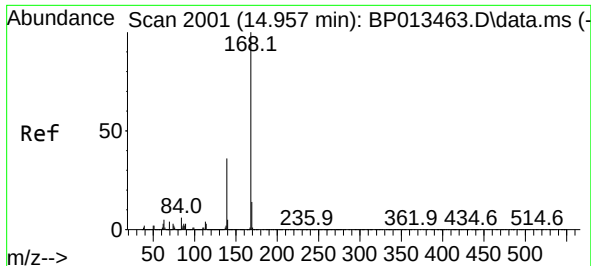
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#54
2,4-Dinitrophenol
Concen: 7.635 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

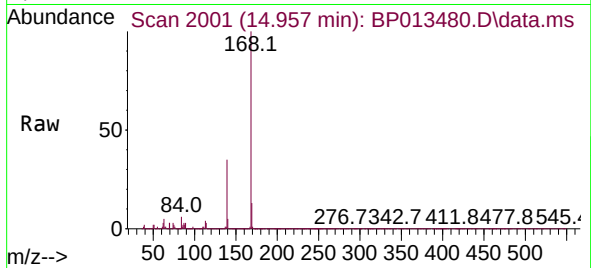
Tgt Ion:184 Resp: 144370
Ion Ratio Lower Upper
184 100
63 68.7 49.8 74.8
154 60.5 45.8 68.8





#55
Dibenzofuran
Concen: 9.500 ng
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

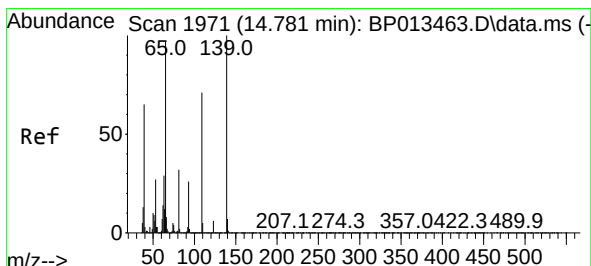
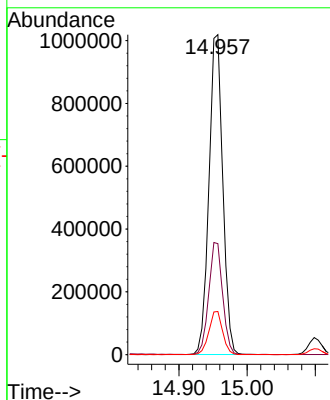
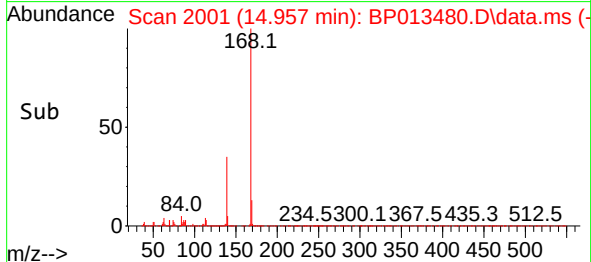
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:168 Resp: 1434126
Ion Ratio Lower Upper
168 100
139 34.7 28.6 43.0
169 13.5 11.0 16.6

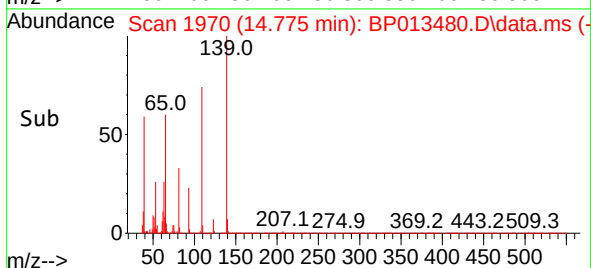
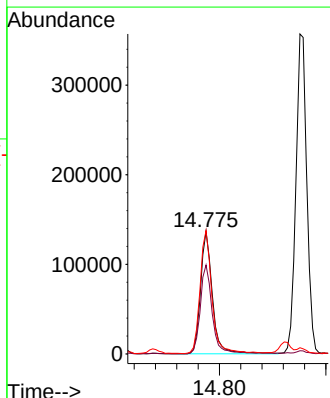
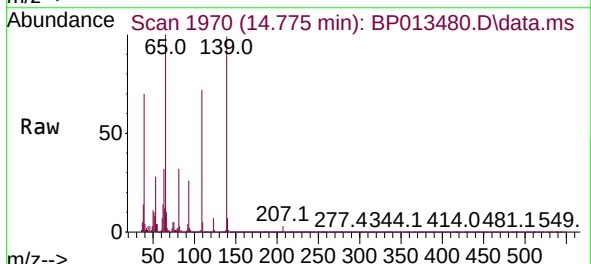
Manual Integrations
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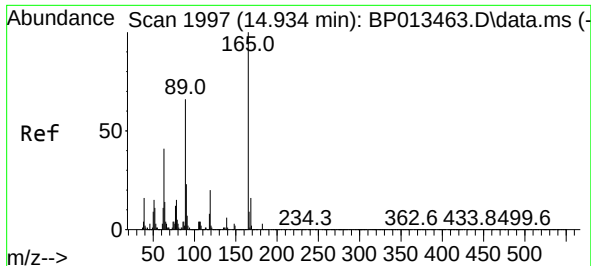
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 8.812 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

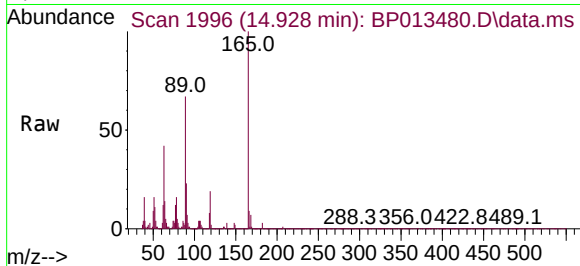
Tgt Ion:139 Resp: 210789
Ion Ratio Lower Upper
139 100
109 72.6 51.0 91.0
65 100.7 77.3 117.3





#57
2,4-Dinitrotoluene
Concen: 8.876 ng
RT: 14.928 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

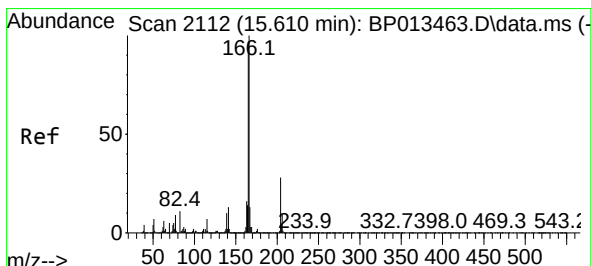
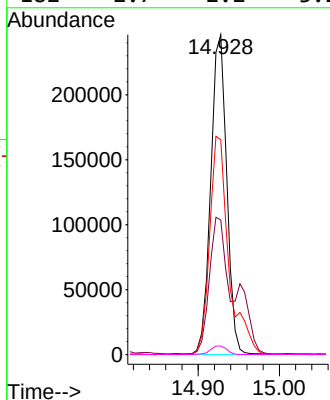
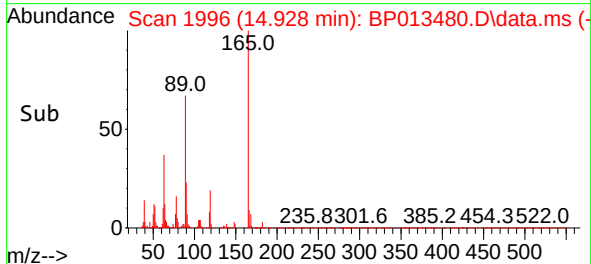
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



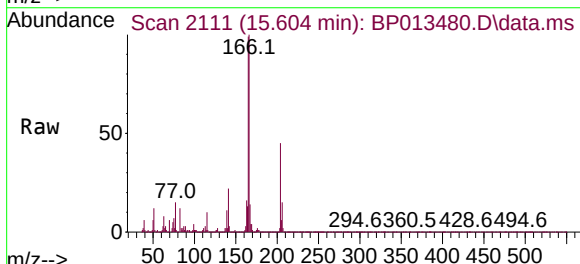
Tgt Ion:165 Resp: 337785
Ion Ratio Lower Upper
165 100
63 42.1 33.3 49.9
89 67.2 52.6 78.8
182 2.7 2.2 3.2

Manual Integrations
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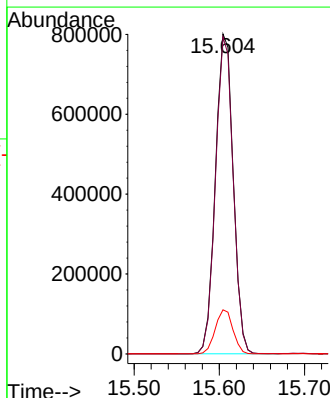
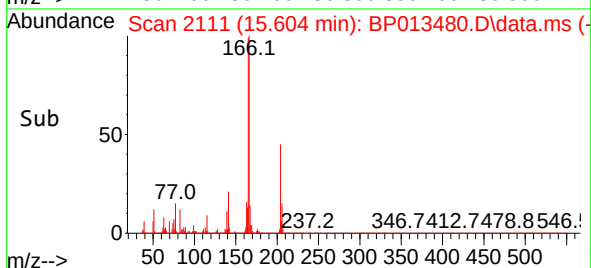
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

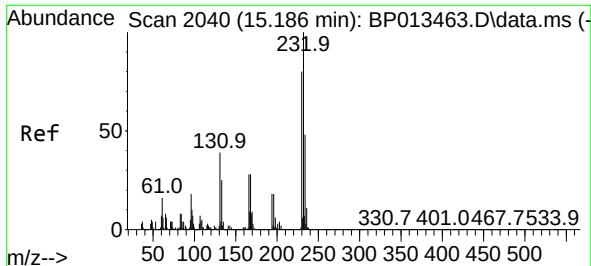


#58
Fluorene
Concen: 9.749 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



Tgt Ion:166 Resp: 1161408
Ion Ratio Lower Upper
166 100
165 99.0 77.9 116.9
167 13.8 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.848 ng

RT: 15.181 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:232 Resp: 325479

Ion Ratio Lower Upper

232 100

131 38.2 30.3 45.5

130 2.1 1.7 2.5

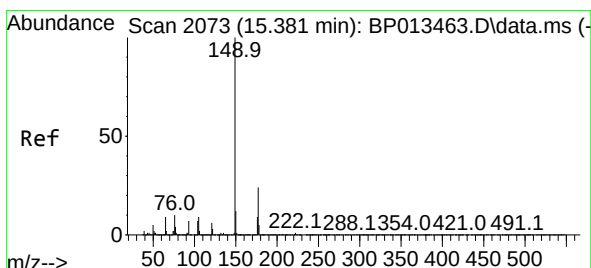
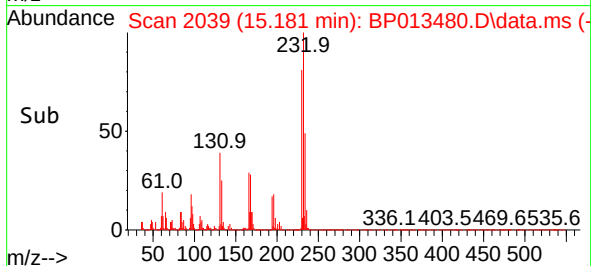
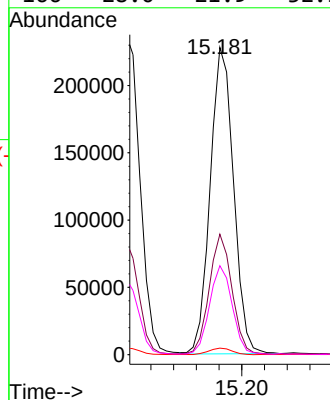
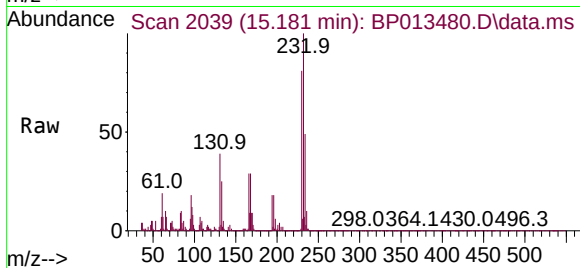
166 28.0 21.9 32.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#60

Diethylphthalate

Concen: 9.305 ng

RT: 15.375 min Scan# 2072

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

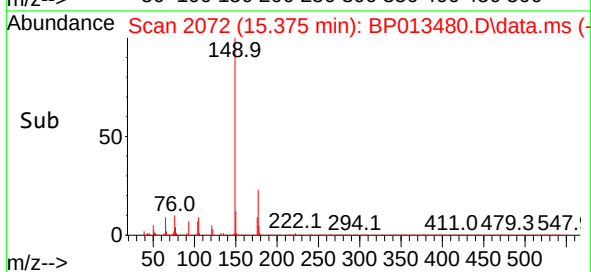
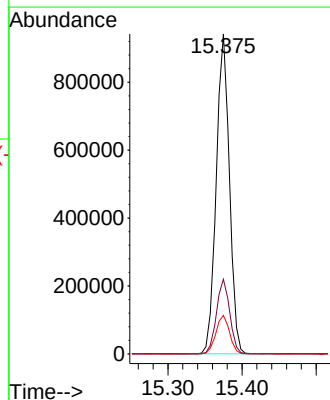
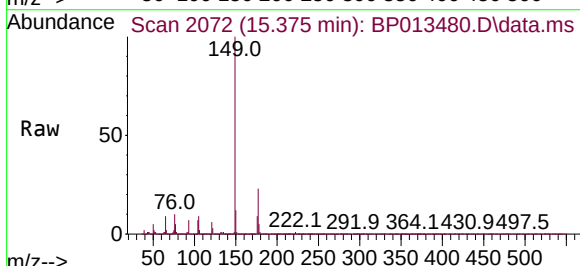
Tgt Ion:149 Resp: 1161512

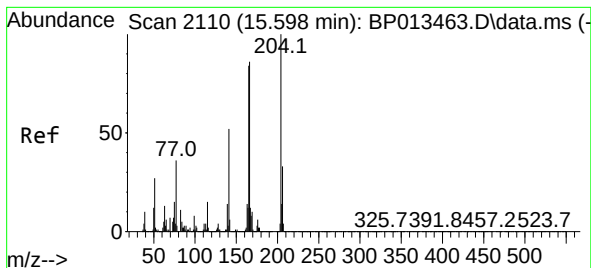
Ion Ratio Lower Upper

149 100

177 23.3 18.8 28.2

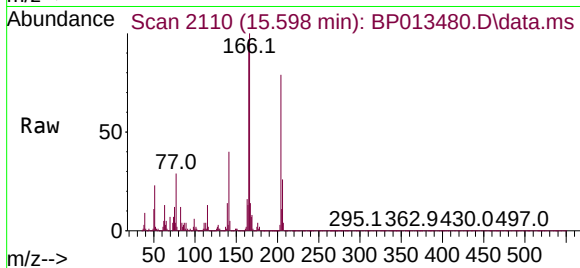
150 12.1 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 9.785 ng
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

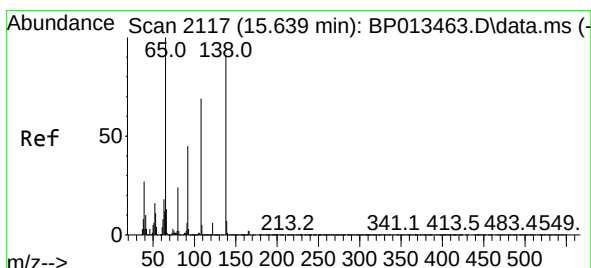
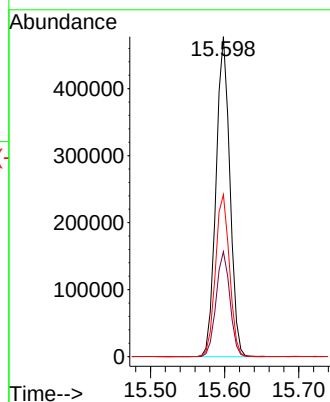
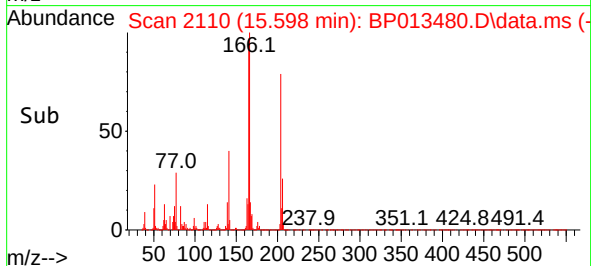
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 204 Resp: 619076
Ion Ratio Lower Upper
204 100
206 32.8 26.4 39.6
141 50.6 41.3 61.9

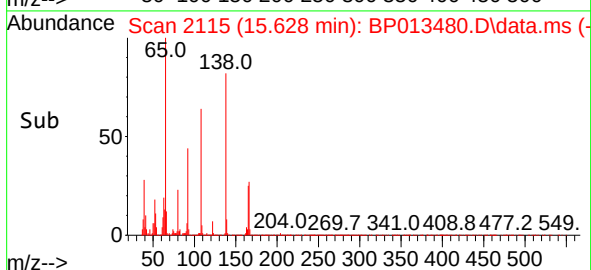
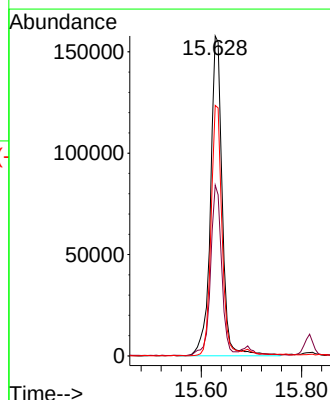
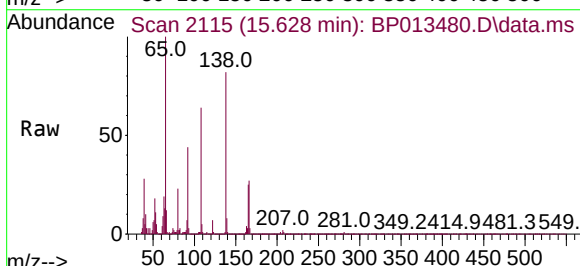
Manual Integrations
APPROVED

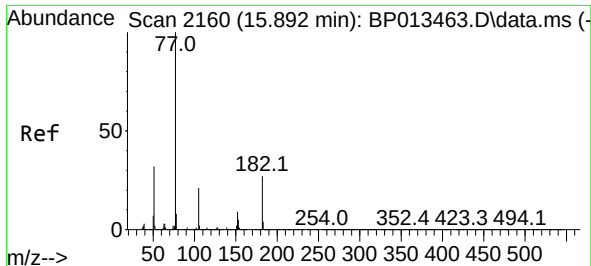
Reviewed By : Christian Giraldo 01/17/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#62
4-Nitroaniline
Concen: 8.422 ng
RT: 15.628 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

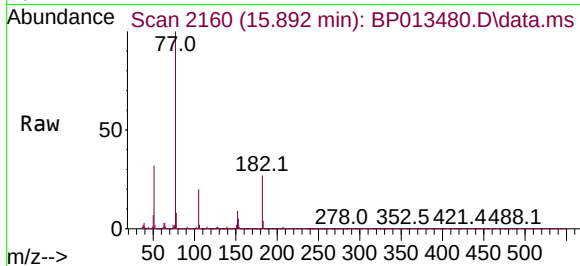
Tgt Ion: 138 Resp: 256723
Ion Ratio Lower Upper
138 100
92 53.4 29.7 69.7
108 78.3 55.8 95.8





#63
Azobenzene
Concen: 9.184 ng
RT: 15.892 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

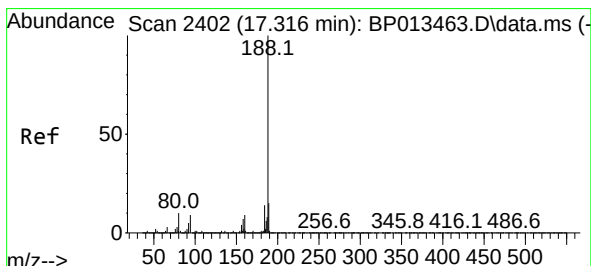
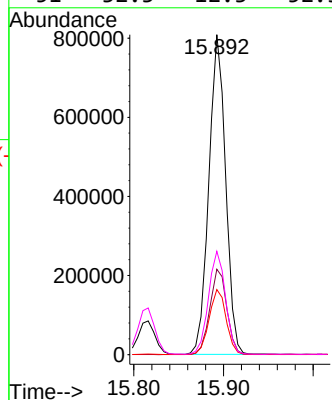
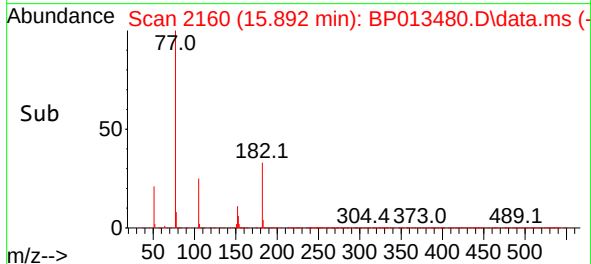
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 77 Resp: 1052623
Ion Ratio Lower Upper
77 100
182 26.7 7.0 47.0
105 20.3 1.0 41.0
51 32.3 12.3 52.3

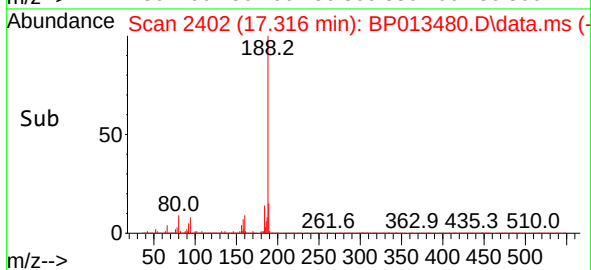
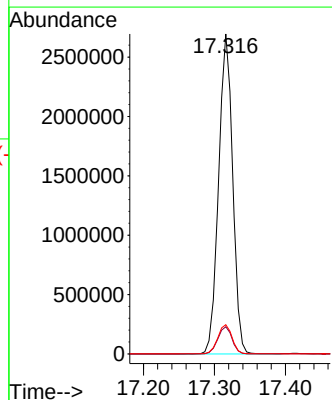
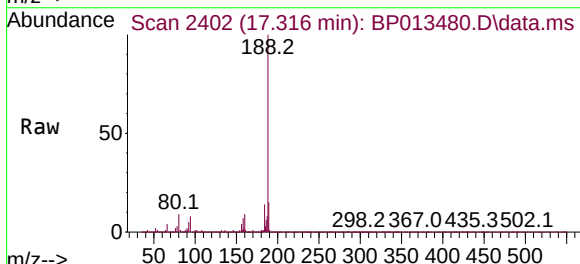
Manual Integrations
APPROVED

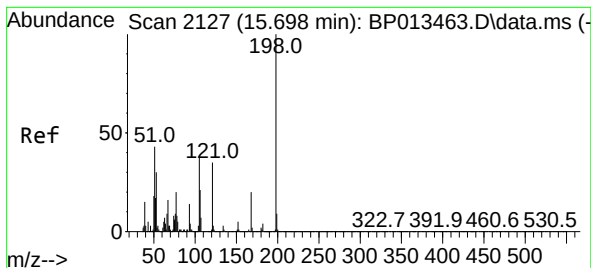
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2402
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:188 Resp: 3712073
Ion Ratio Lower Upper
188 100
94 8.5 7.1 10.7
80 9.1 7.9 11.9





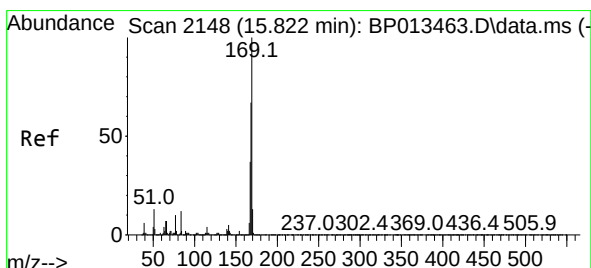
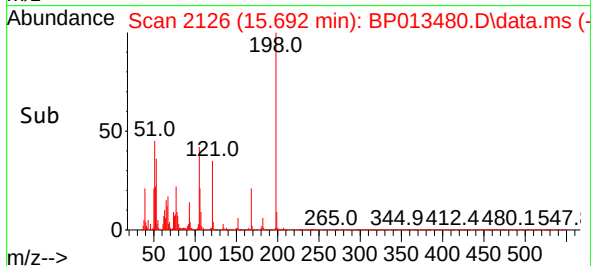
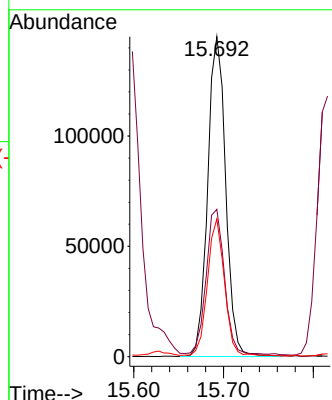
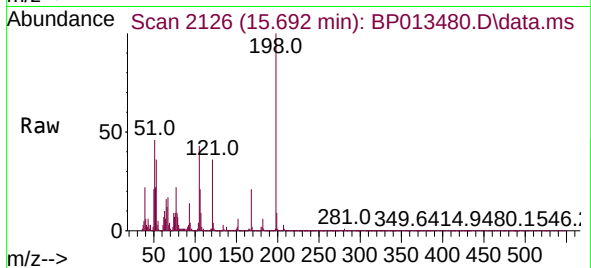
#65
4,6-Dinitro-2-methylphenol
Concen: 7.955 ng
RT: 15.692 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022

Tgt Ion:198 Resp: 20194
Ion Ratio Lower Upper
198 100
51 46.0 23.6 63.6
105 43.0 17.9 57.9

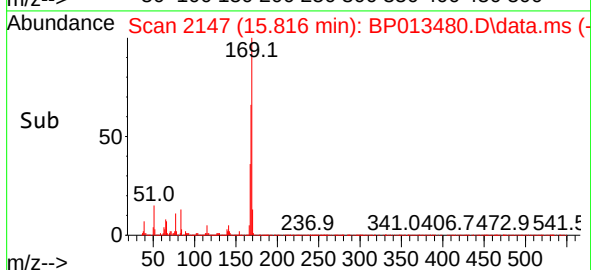
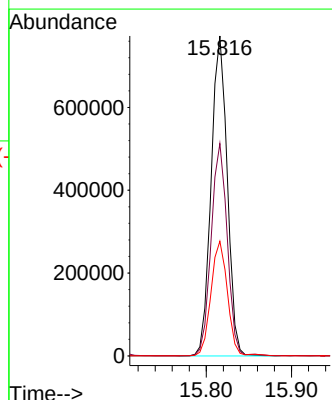
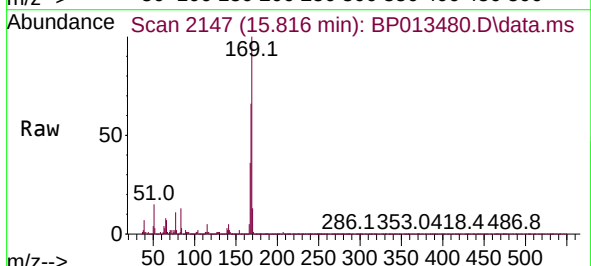
Manual Integrations
APPROVED

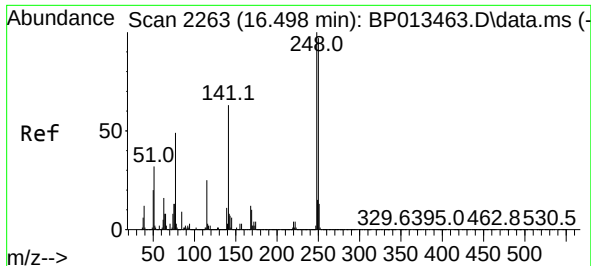
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#66
n-Nitrosodiphenylamine
Concen: 9.302 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

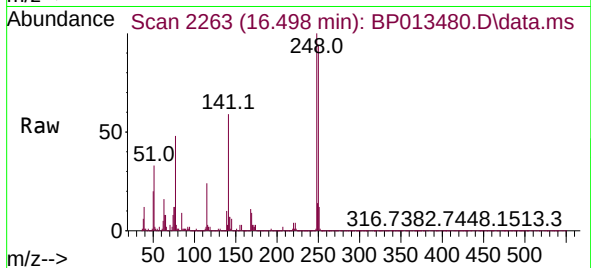
Tgt Ion:169 Resp: 1014670
Ion Ratio Lower Upper
169 100
168 66.4 53.3 79.9
167 35.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 9.064 ng
RT: 16.498 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

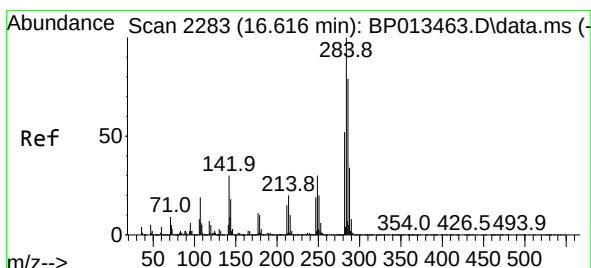
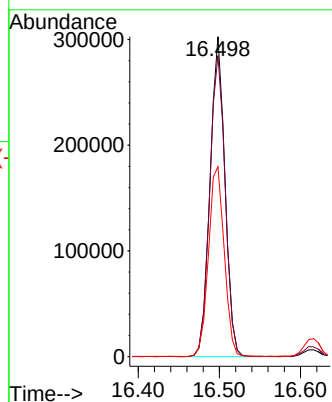
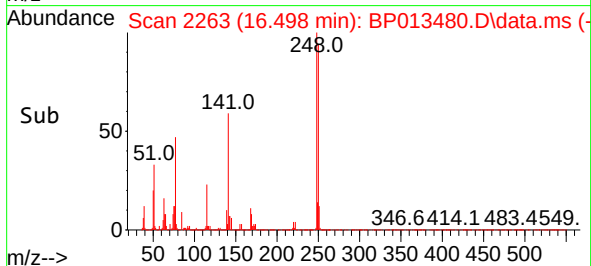
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:248 Resp: 387343
Ion Ratio Lower Upper
248 100
250 94.1 77.7 116.5
141 59.3 50.2 75.4

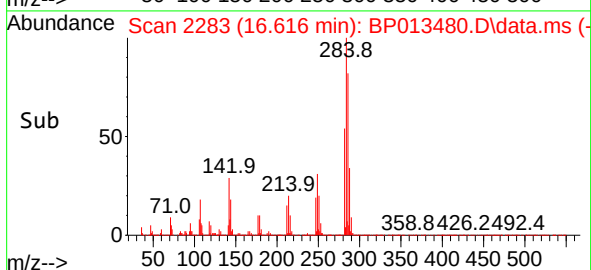
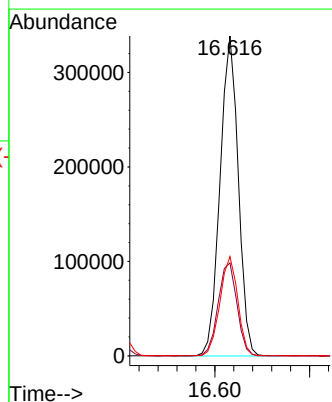
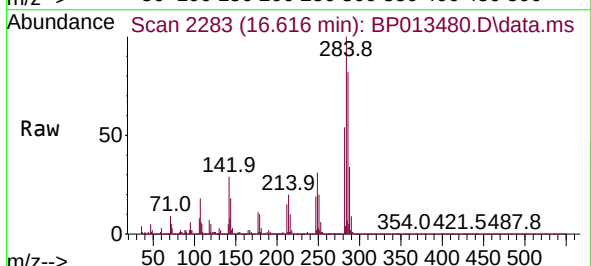
Manual Integrations
APPROVED

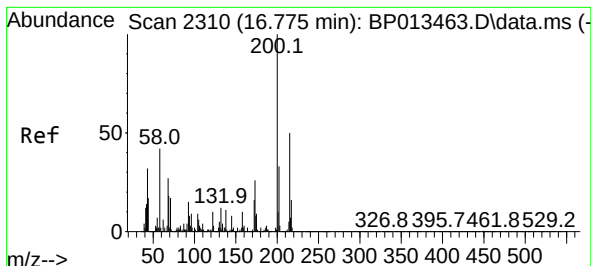
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#68
Hexachlorobenzene
Concen: 9.716 ng
RT: 16.616 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:284 Resp: 452117
Ion Ratio Lower Upper
284 100
142 29.1 23.9 35.9
249 31.0 24.1 36.1





#69

Atrazine

Concen: 9.891 ng

RT: 16.769 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

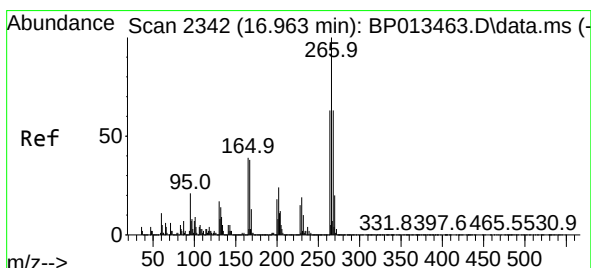
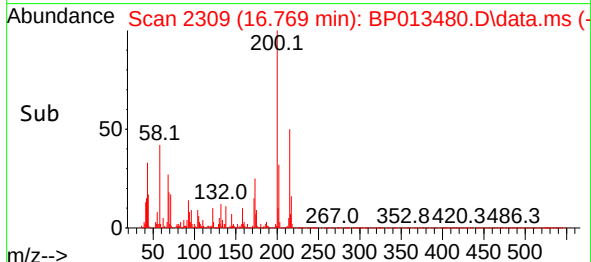
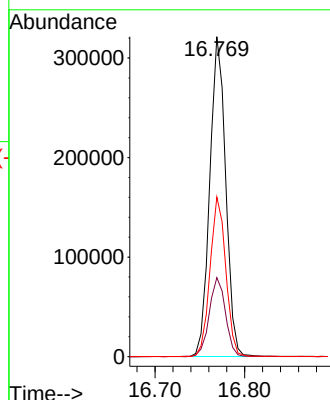
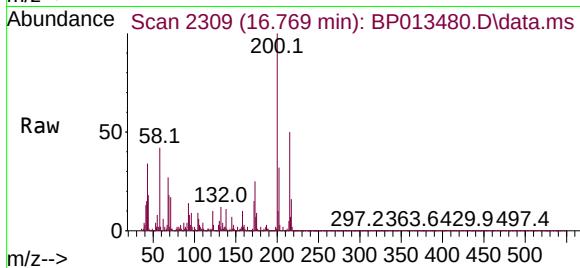
LOQ-WATER-02-QT2-2022

Tgt Ion:200 Resp: 395150
 Ion Ratio Lower Upper
 200 100
 173 24.7 5.9 45.9
 215 49.9 30.0 70.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#70

Pentachlorophenol

Concen: 7.651 ng

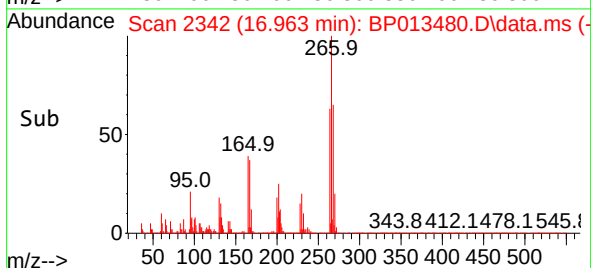
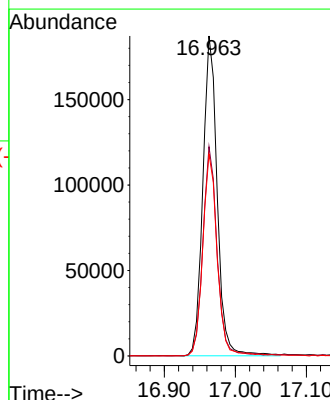
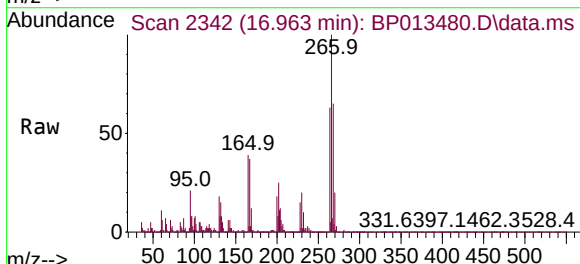
RT: 16.963 min Scan# 2342

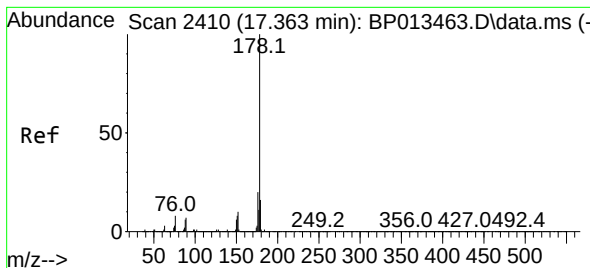
Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Tgt Ion:266 Resp: 260949
 Ion Ratio Lower Upper
 266 100
 268 65.4 50.7 76.1
 264 63.1 50.4 75.6





#71

Phenanthrene

Concen: 9.684 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:178 Resp: 1896779

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

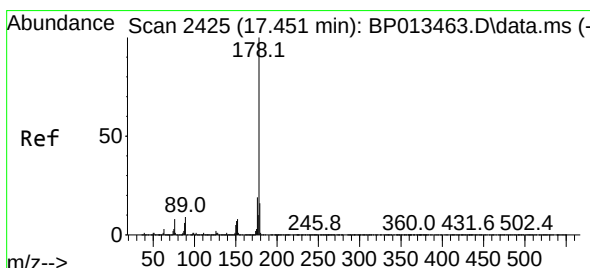
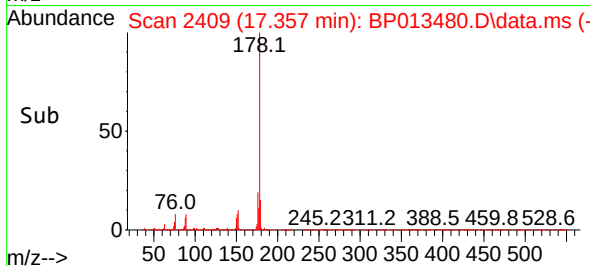
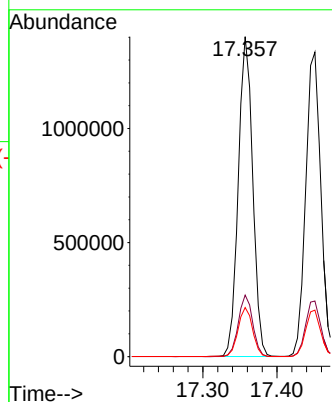
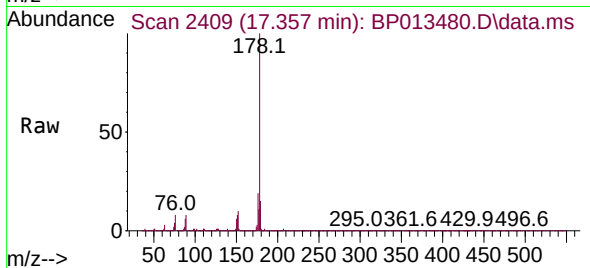
179 15.3 12.6 19.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#72

Anthracene

Concen: 9.515 ng

RT: 17.451 min Scan# 2425

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

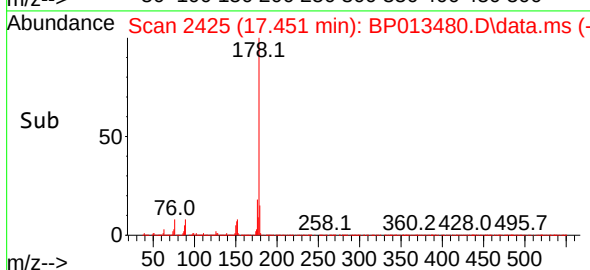
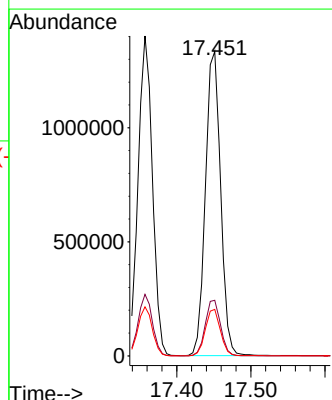
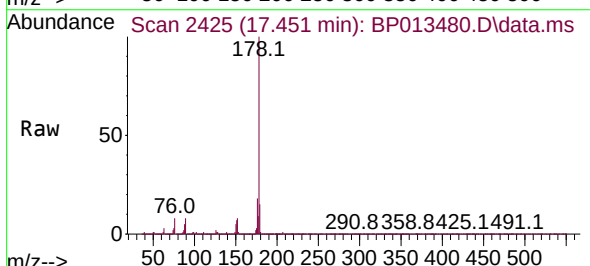
Tgt Ion:178 Resp: 1896371

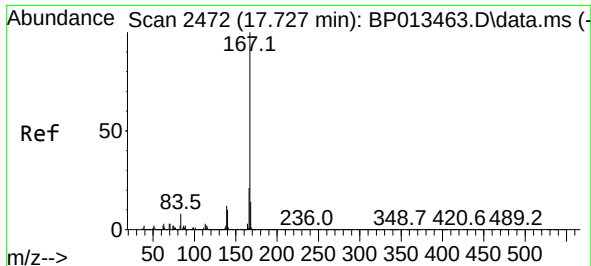
Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

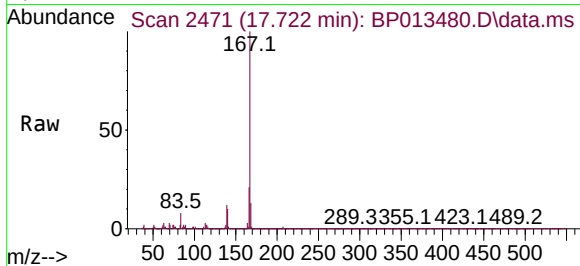
179 15.3 12.6 18.8





#73
 Carbazole
 Concen: 9.627 ng
 RT: 17.722 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BP013480.D
 Acq: 16 Jan 2023 14:13

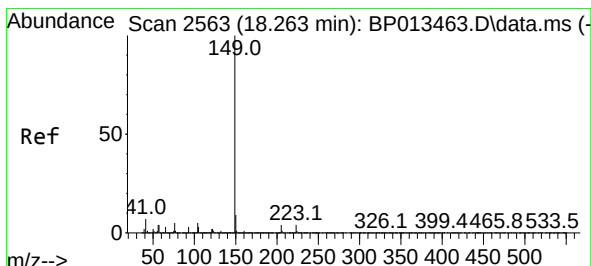
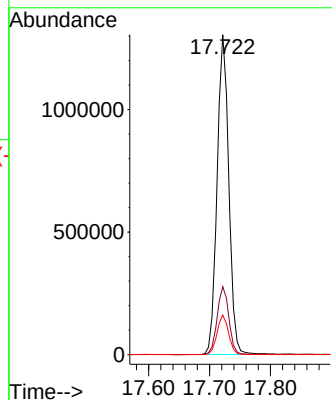
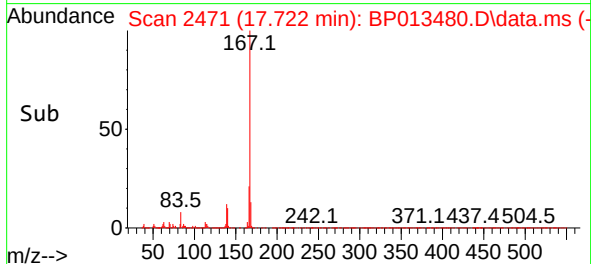
Instrument : BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT2-2022



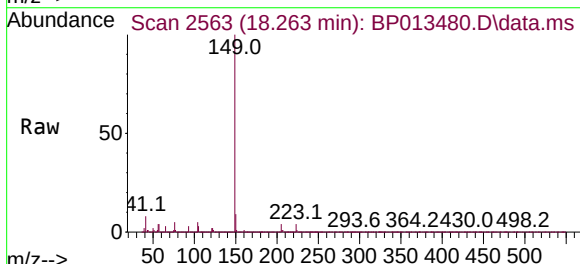
Tgt Ion:167 Resp: 1747569
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.4 9.9 14.9

Manual Integrations
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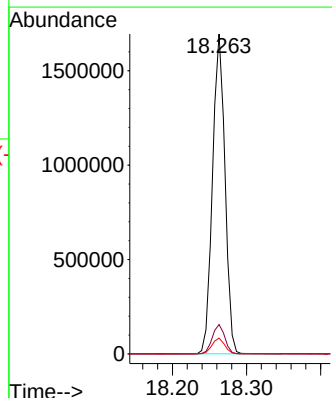
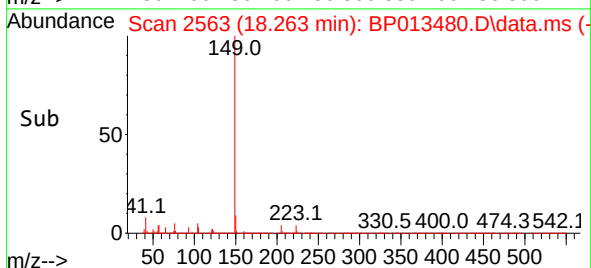
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

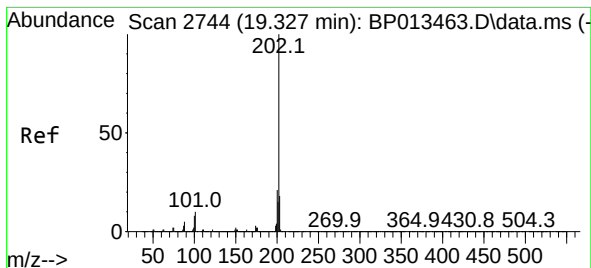


#74
 Di-n-butylphthalate
 Concen: 9.392 ng
 RT: 18.263 min Scan# 2563
 Delta R.T. 0.000 min
 Lab File: BP013480.D
 Acq: 16 Jan 2023 14:13



Tgt Ion:149 Resp: 1978910
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.9 3.9 5.9





#75

Fluoranthene

Concen: 9.876 ng

RT: 19.322 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:202 Resp: 2323586

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.3

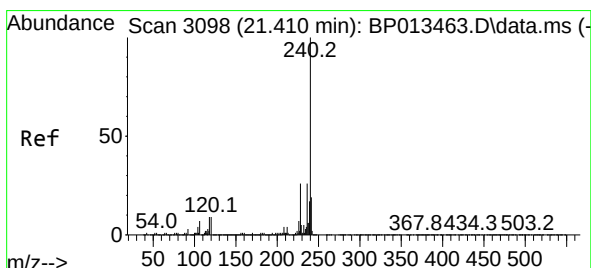
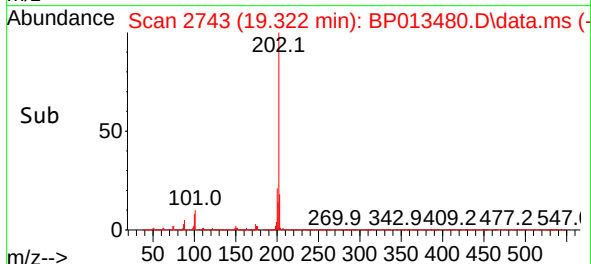
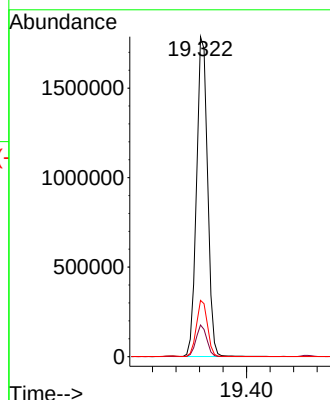
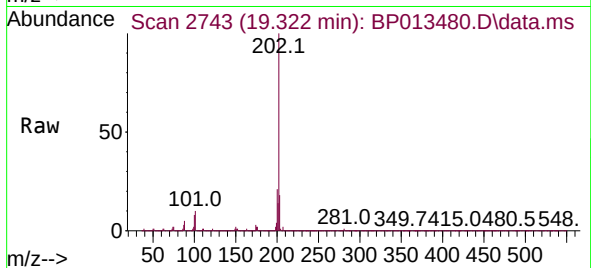
203 17.6 0.0 37.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3098

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

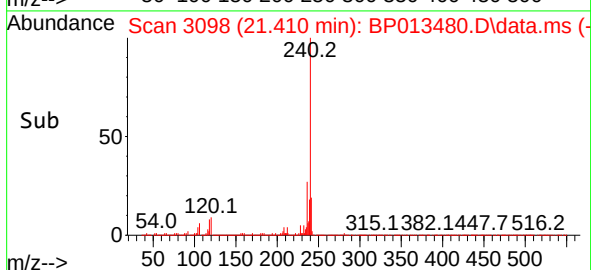
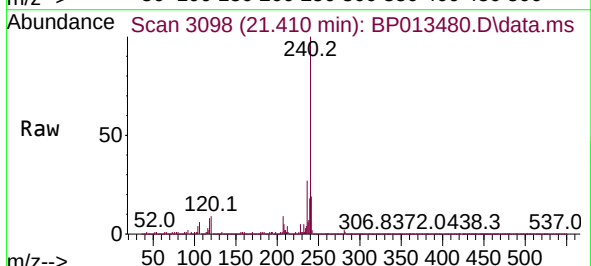
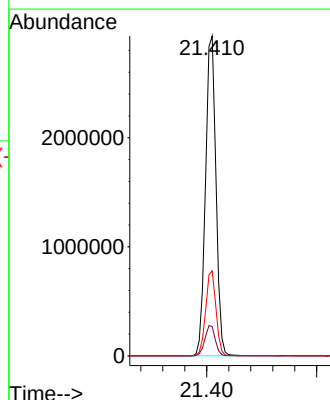
Tgt Ion:240 Resp: 3865865

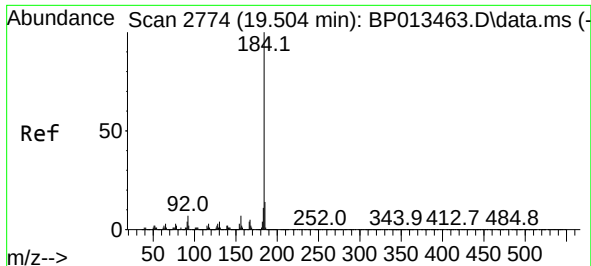
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

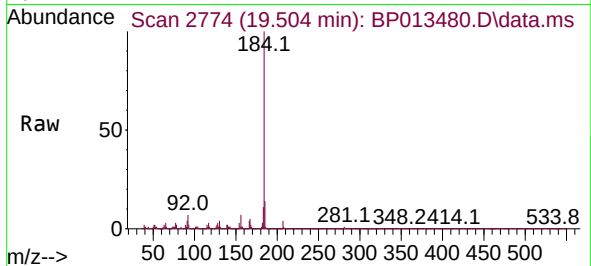
236 26.6 21.2 31.8





#77
Benzidine
Concen: 11.929 ng
RT: 19.504 min Scan# 2774
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

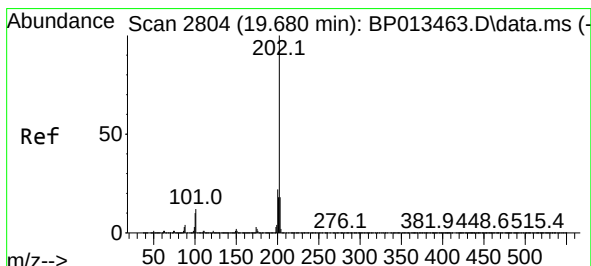
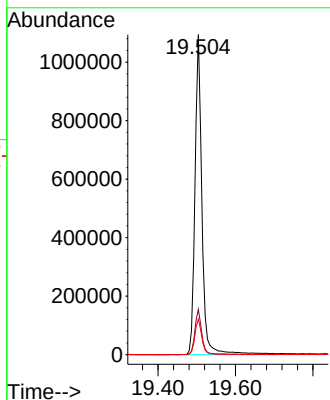
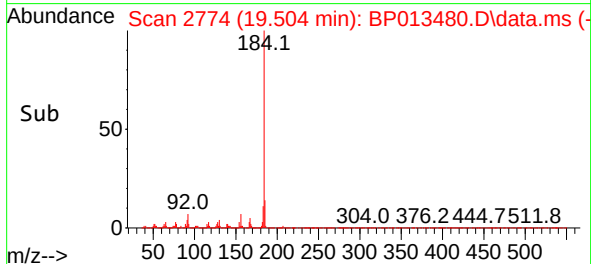
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion:184 Resp: 1370239
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.1 9.1 13.7

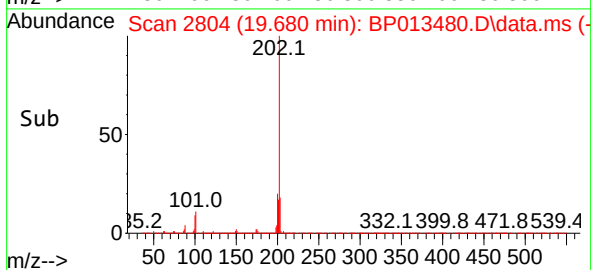
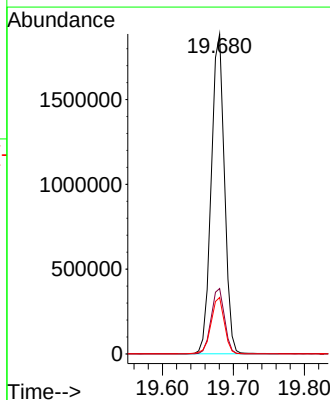
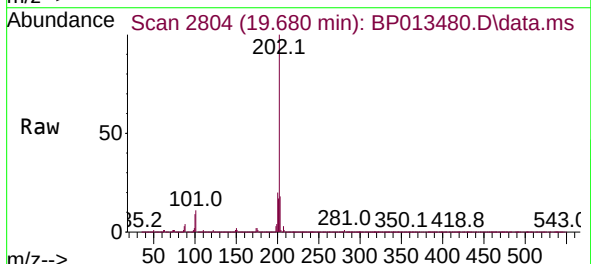
Manual Integrations
APPROVED

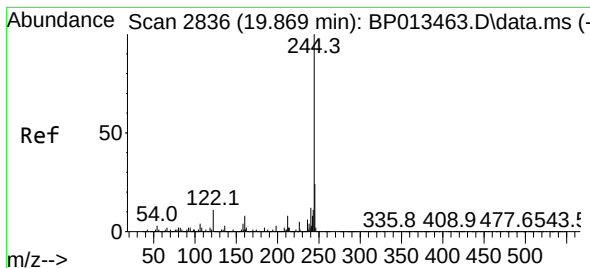
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#78
Pyrene
Concen: 9.610 ng
RT: 19.680 min Scan# 2804
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion:202 Resp: 2443368
Ion Ratio Lower Upper
202 100
200 20.4 17.4 26.2
203 17.6 14.6 21.8





#79

Terphenyl-d14

Concen: 66.146 ng

RT: 19.869 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:244 Resp:1250774

Ion Ratio Lower Upper

244 100

212 8.8 6.8 10.2

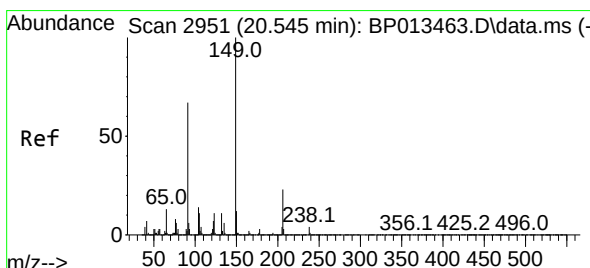
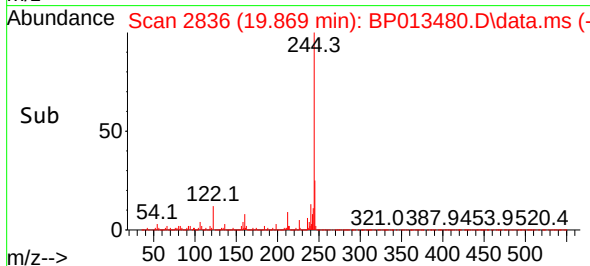
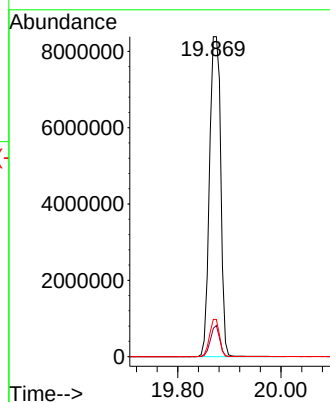
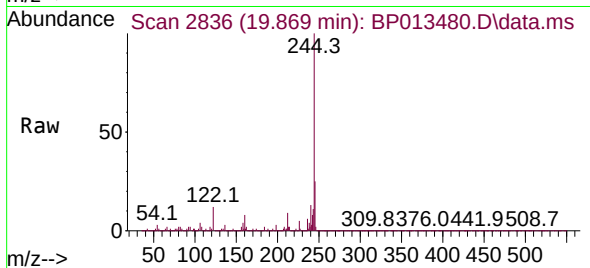
122 11.6 8.8 13.2

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#80

Butylbenzylphthalate

Concen: 8.405 ng

RT: 20.545 min Scan# 2951

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

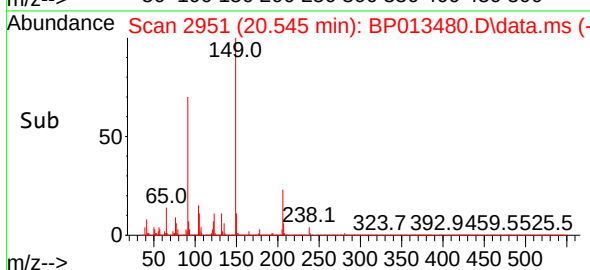
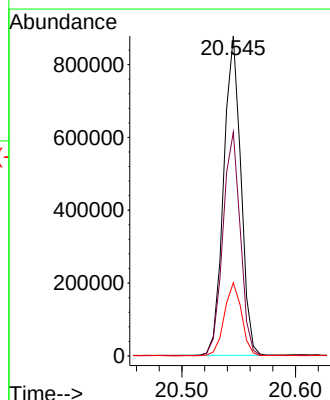
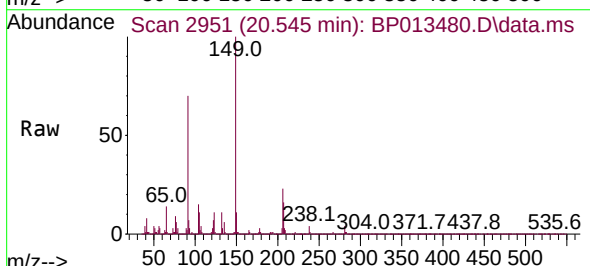
Tgt Ion:149 Resp: 923851

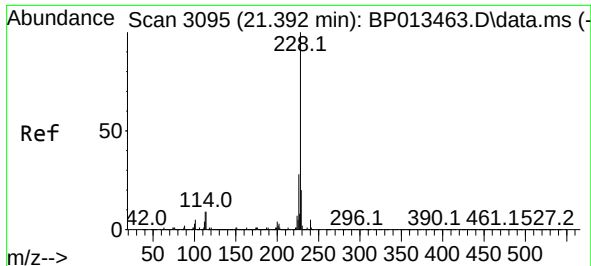
Ion Ratio Lower Upper

149 100

91 69.9 53.2 79.8

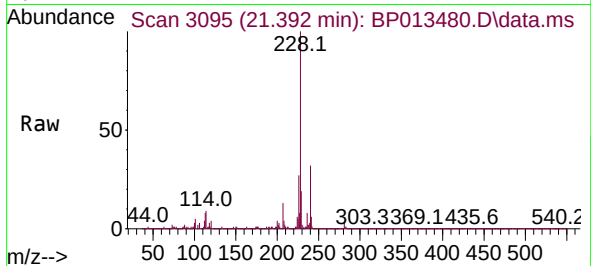
206 22.9 18.8 28.2





#81
Benzo(a)anthracene
Concen: 9.749 ng
RT: 21.392 min Scan# 3095
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

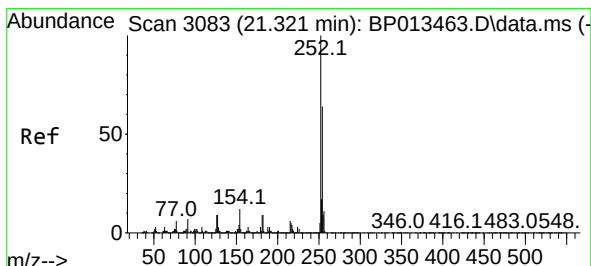
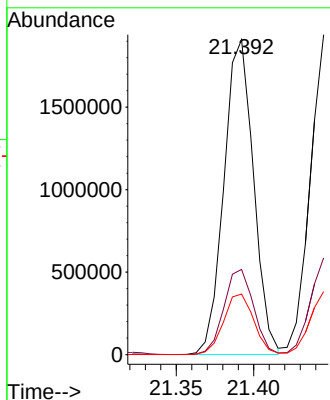
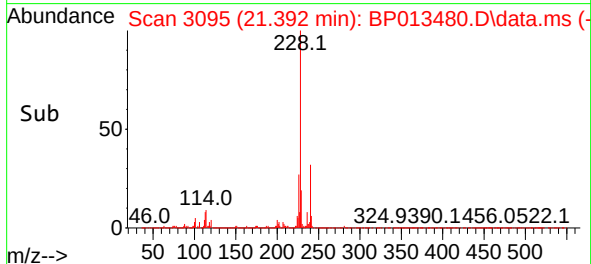
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



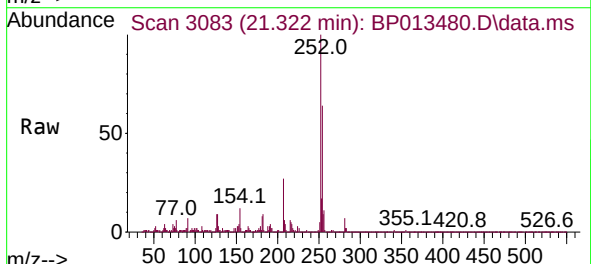
Tgt Ion:228 Resp: 2538226
Ion Ratio Lower Upper
228 100
226 27.1 22.6 34.0
229 19.2 16.4 24.6

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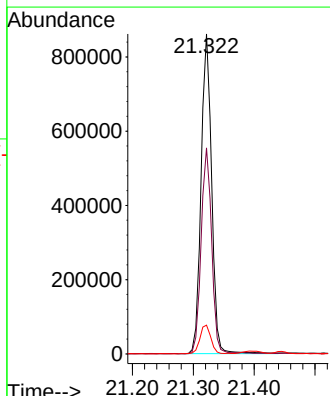
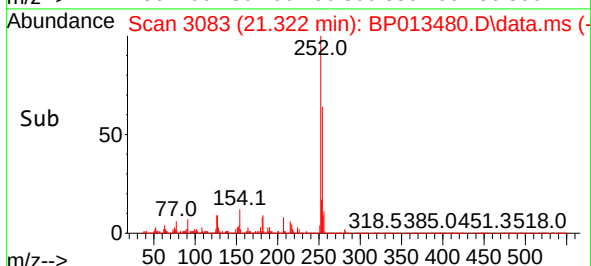
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

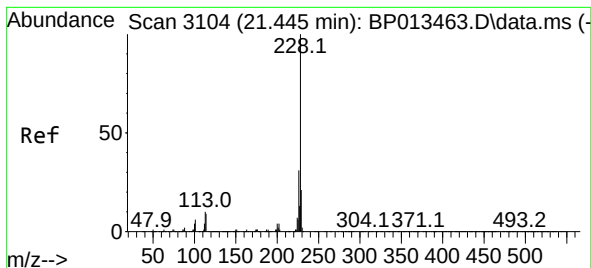


#82
3,3'-Dichlorobenzidine
Concen: 10.582 ng
RT: 21.322 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13



Tgt Ion:252 Resp: 1029336
Ion Ratio Lower Upper
252 100
254 64.4 51.0 76.6
126 9.0 7.6 11.4





#83

Chrysene

Concen: 9.753 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

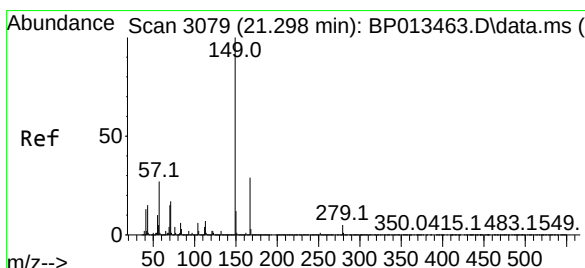
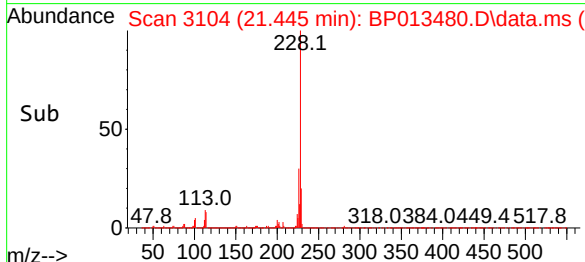
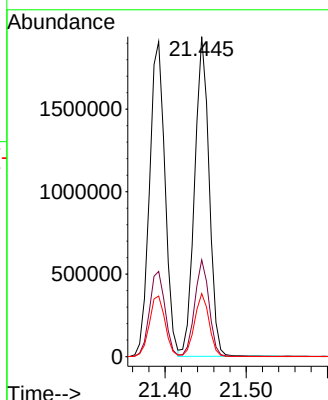
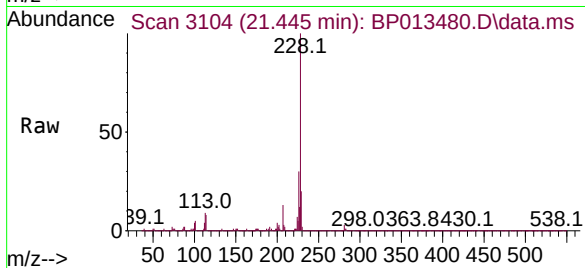
Tgt Ion:228 Resp: 2399078

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.1	37.7
229	19.7	16.5	24.7

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.812 ng

RT: 21.298 min Scan# 3079

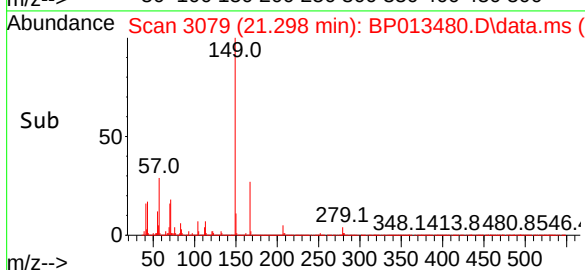
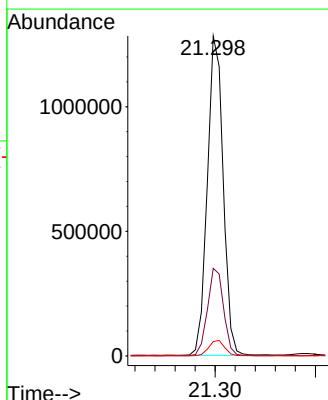
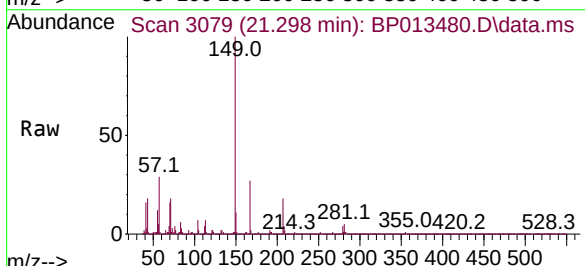
Delta R.T. 0.000 min

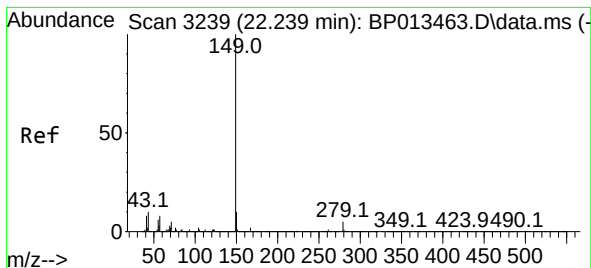
Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Tgt Ion:149 Resp: 1401528

Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.4
279	4.5	3.9	5.9





#85

Di-n-octyl phthalate

Concen: 8.947 ng

RT: 22.245 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:149 Resp: 2415694

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

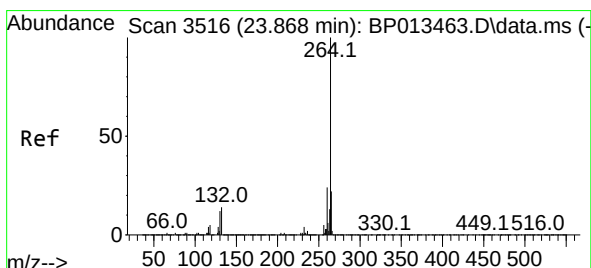
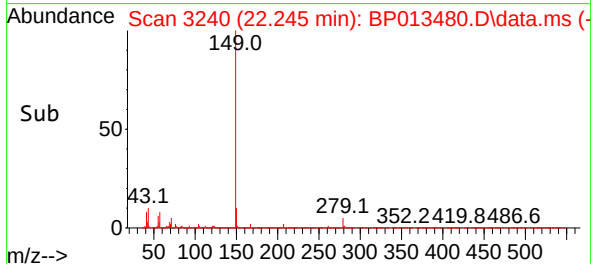
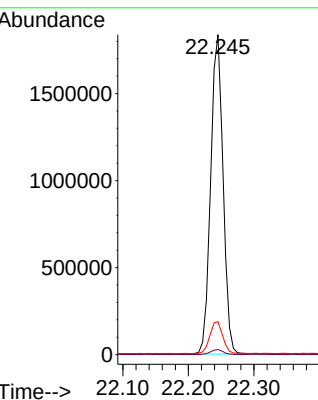
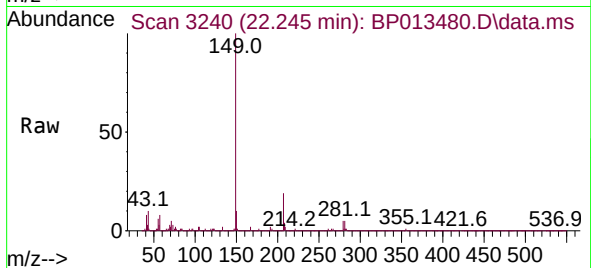
43 10.3 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.869 min Scan# 3516

Delta R.T. 0.000 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

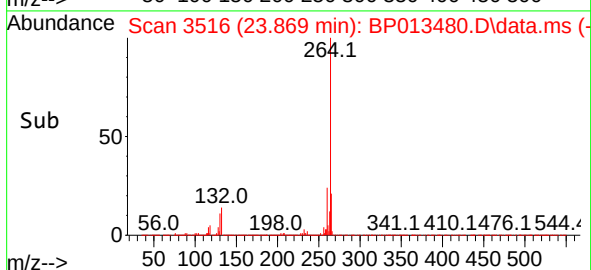
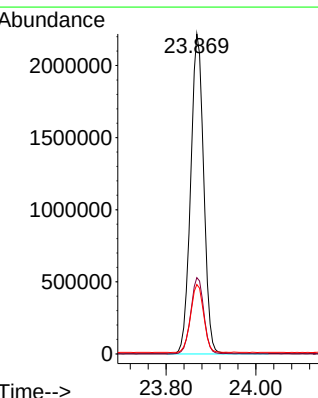
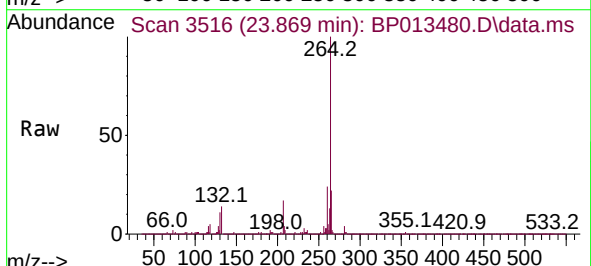
Tgt Ion:264 Resp: 4474558

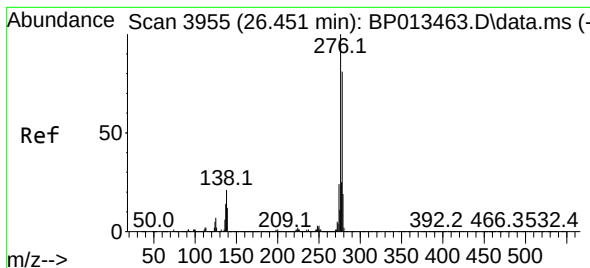
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 8.705 ng

RT: 26.445 min Scan# 3955

Delta R.T. -0.006 min

Lab File: BP013480.D

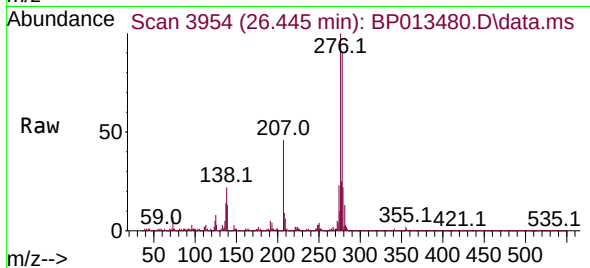
Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022



Tgt Ion: 276 Resp: 2816769

Ion Ratio Lower Upper

276 100

138 21.1 17.0 25.4

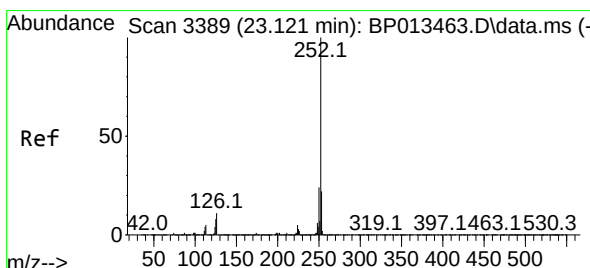
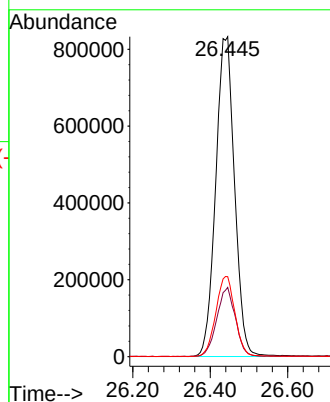
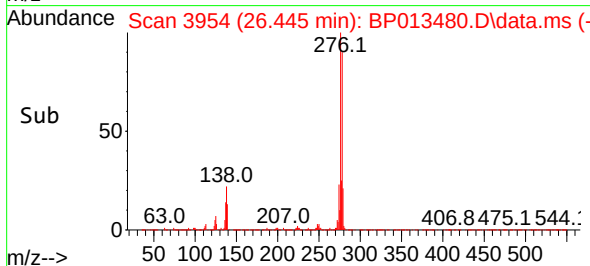
277 25.4 20.4 30.6

Manual Integrations

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Reviewed By : Christian Giraldo 01/17/2023

Supervised By : Jagrut Upadhyay 01/18/2023



#88

Benzo(b)fluoranthene

Concen: 10.063 ng

RT: 23.116 min Scan# 3388

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

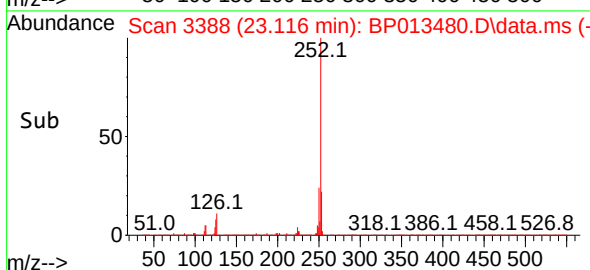
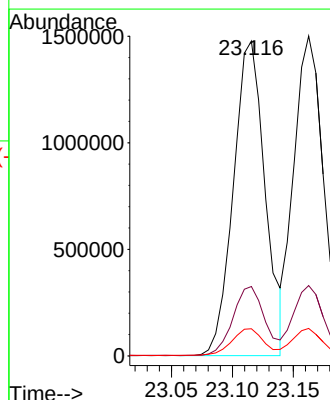
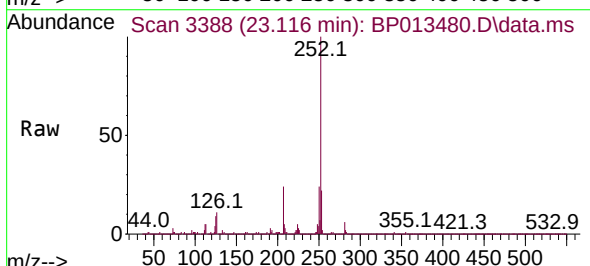
Tgt Ion: 252 Resp: 2673517

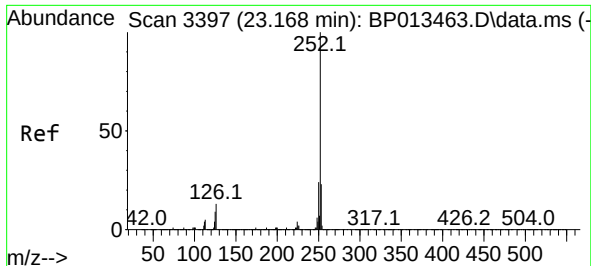
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 9.901 ng

RT: 23.163 min Scan# 3397

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT2-2022

Tgt Ion:252 Resp: 2553189

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

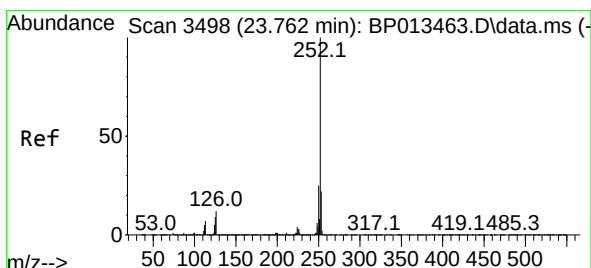
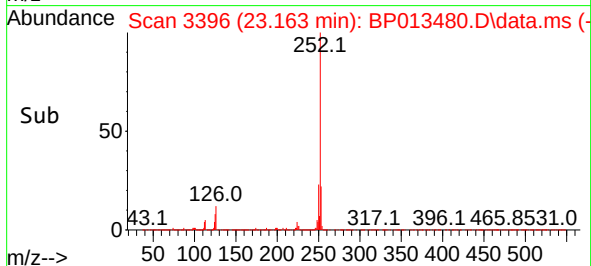
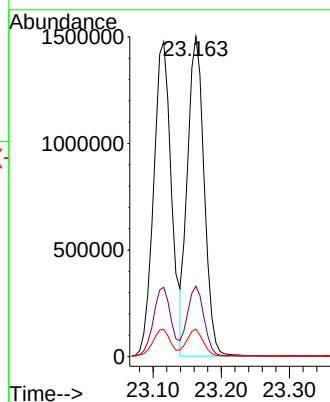
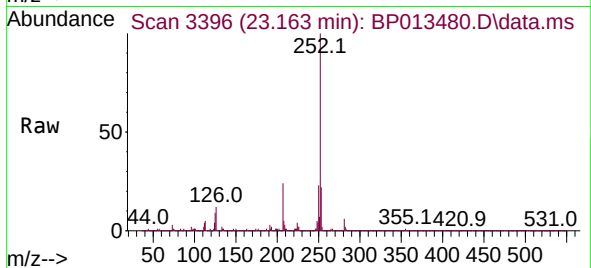
125 8.6 6.9 10.3

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#90

Benzo(a)pyrene

Concen: 8.895 ng

RT: 23.757 min Scan# 3497

Delta R.T. -0.006 min

Lab File: BP013480.D

Acq: 16 Jan 2023 14:13

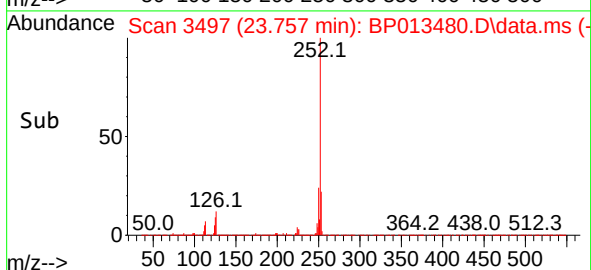
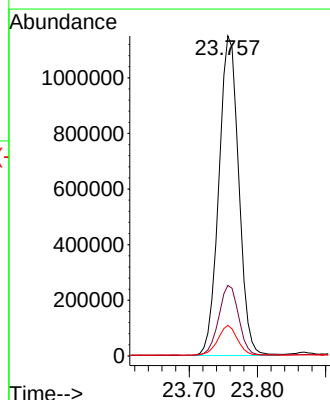
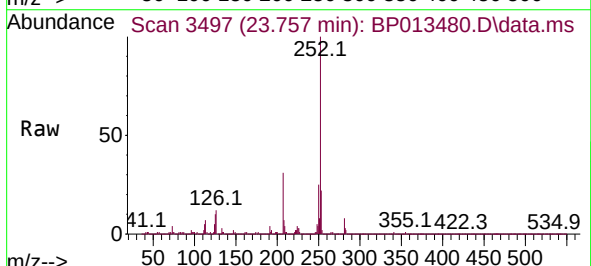
Tgt Ion:252 Resp: 2321535

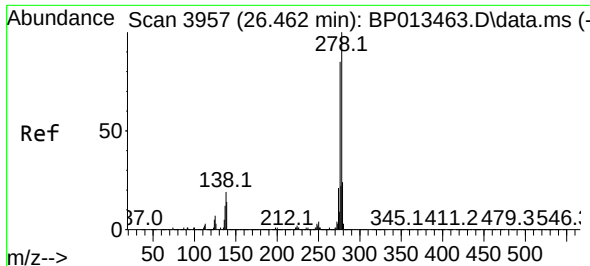
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

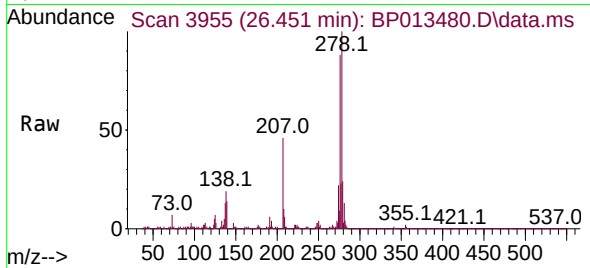
125 9.5 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 9.104 ng
RT: 26.451 min Scan# 3957
Delta R.T. -0.012 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

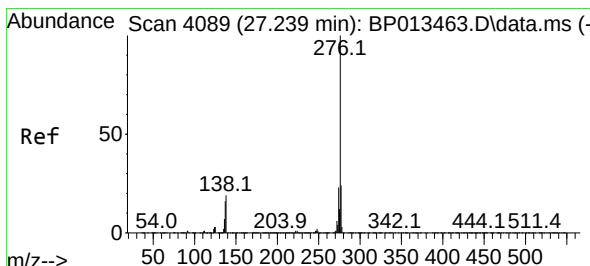
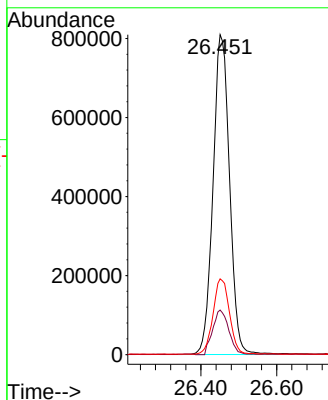
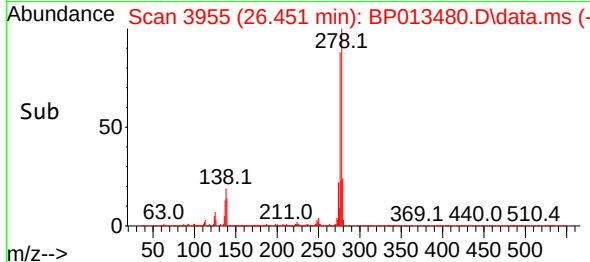
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2022



Tgt Ion: 278 Resp: 245281
Ion Ratio Lower Upper
278 100
139 14.0 11.1 16.7
279 23.7 19.2 28.8

Manual Integrations
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Reviewed By : Christian Giraldo 01/17/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#92
Benzo(g,h,i)perylene
Concen: 8.978 ng
RT: 27.227 min Scan# 4087
Delta R.T. -0.012 min
Lab File: BP013480.D
Acq: 16 Jan 2023 14:13

Tgt Ion: 276 Resp: 2386827
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 18.8 15.3 22.9

