

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052523\
 Data File : BP015296.D
 Acq On : 25 May 2023 17:45
 Operator : CG/JU
 Sample : 02213-07
 Misc : LOD-MDL-WATER 8ppm
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: May 26 04:50:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 05/26/2023
 Supervised By : Jagrut Upadhyay 05/26/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	215280	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	855080	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	531913	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1077242	20.000	ng	0.00
76) Chrysene-d12	21.580	240	822346	20.000	ng	0.00
86) Perylene-d12	24.139	264	896534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1266038	97.449	ng	0.00
7) Phenol-d6	7.257	99	1668142	97.977	ng	0.00
23) Nitrobenzene-d5	9.287	82	1223257	69.849	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	683449	94.551	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	2648380	66.845	ng	0.00
79) Terphenyl-d14	20.039	244	3129100	71.572	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	40876	7.103	ng	97
3) Pyridine	3.887	79	95849	6.518	ng	98
4) n-Nitrosodimethylamine	3.787	42	46512	6.777	ng	97
6) Aniline	7.428	93	155260	7.215	ng	96
8) 2-Chlorophenol	7.663	128	97333	7.169	ng	96
9) Benzaldehyde	7.240	77	93342	6.713	ng	97
10) Phenol	7.287	94	123251	7.228	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	105162	7.358	ng	97
12) 1,3-Dichlorobenzene	7.993	146	112687	7.459	ng	99
13) 1,4-Dichlorobenzene	8.146	146	113820	7.485	ng	98
14) 1,2-Dichlorobenzene	8.463	146	110360	7.607	ng	98
15) Benzyl Alcohol	8.351	79	81555	6.863	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.646	45	143143m	7.767	ng	
17) 2-Methylphenol	8.551	107	82788	6.822	ng	95
18) Hexachloroethane	9.198	117	42893	7.484	ng	91
19) n-Nitroso-di-n-propyla...	8.922	70	81344	7.465	ng	100
20) 3+4-Methylphenols	8.881	107	109347	6.670	ng	97
22) Acetophenone	8.940	105	165289	7.442	ng	# 99
24) Nitrobenzene	9.328	77	125554	7.200	ng	97
25) Isophorone	9.851	82	214007	6.810	ng	98
26) 2-Nitrophenol	10.046	139	48997	6.402	ng	96
27) 2,4-Dimethylphenol	10.098	122	91378	7.121	ng	97
28) bis(2-Chloroethoxy)met...	10.340	93	139843	7.220	ng	99
29) 2,4-Dichlorophenol	10.581	162	89870	6.755	ng	99
30) 1,2,4-Trichlorobenzene	10.798	180	106183	7.155	ng	99
31) Naphthalene	10.987	128	326126	7.242	ng	99
32) Benzoic acid	10.175	122	30405	8.939	ng	99
33) 4-Chloroaniline	11.104	127	122829	6.597	ng	98
34) Hexachlorobutadiene	11.269	225	66926	7.117	ng	98
35) Caprolactam	11.869	113	24725	6.053	ng	99
36) 4-Chloro-3-methylphenol	12.210	107	97517	6.741	ng	99
37) 2-Methylnaphthalene	12.587	142	224130	7.003	ng	100
38) 1-Methylnaphthalene	12.804	142	213267	7.142	ng	99
40) 1,2,4,5-Tetrachloroben...	12.951	216	122319	7.008	ng	99
41) Hexachlorocyclopentadiene	12.922	237	61363	6.638	ng	99
43) 2,4,6-Trichlorophenol	13.187	196	71368	6.300	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.263	196	78384	5.886	ng	99
46) 1,1'-Biphenyl	13.586	154	304431	7.223	ng	100
47) 2-Chloronaphthalene	13.628	162	231320	7.276	ng	100
48) 2-Nitroaniline	13.834	65	57261	5.896	ng	90
49) Acenaphthylene	14.475	152	347295	6.827	ng	99
50) Dimethylphthalate	14.198	163	281482	6.764	ng	100
51) 2,6-Dinitrotoluene	14.322	165	55748	6.345	ng	95
52) Acenaphthene	14.816	154	213436	7.044	ng	94
53) 3-Nitroaniline	14.657	138	51980	5.789	ng	91
54) 2,4-Dinitrophenol	14.869	184	21998	8.667	ng	95
55) Dibenzofuran	15.145	168	349321	7.048	ng	99
56) 4-Nitrophenol	14.957	139	35259	7.707	ng	96
57) 2,4-Dinitrotoluene	15.110	165	67563	5.848	ng	95
58) Fluorene	15.798	166	270694	7.071	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.375	232	69934	6.566	ng	100
60) Diethylphthalate	15.557	149	271729	6.555	ng	99
61) 4-Chlorophenyl-phenyle...	15.786	204	136218	6.950	ng	98
62) 4-Nitroaniline	15.816	138	46236m	6.864	ng	
63) Azobenzene	16.080	77	265386	6.711	ng	98
65) 4,6-Dinitro-2-methylph...	15.875	198	34499	5.273	ng	92
66) n-Nitrosodiphenylamine	15.998	169	230341	7.176	ng	100
67) 4-Bromophenyl-phenylether	16.686	248	79972	6.866	ng	98
68) Hexachlorobenzene	16.804	284	93019	7.252	ng	98
69) Atrazine	16.951	200	74339	7.253	ng	98
70) Pentachlorophenol	17.151	266	44897	5.107	ng	97
71) Phenanthrene	17.545	178	407559	7.099	ng	99
72) Anthracene	17.639	178	396146	6.889	ng	100
73) Carbazole	17.904	167	334276	6.565	ng	99
74) Di-n-butylphthalate	18.433	149	386328	5.908	ng	100
75) Fluoranthene	19.498	202	413966	6.172	ng	100
77) Benzidine	19.680	184	155441	11.937	ng	99
78) Pyrene	19.851	202	433608	7.369	ng	99
80) Butylbenzylphthalate	20.710	149	140582	5.638	ng	99
81) Benzo(a)anthracene	21.563	228	386121	6.758	ng	99
82) 3,3'-Dichlorobenzidine	21.492	252	130407	7.389	ng	99
83) Chrysene	21.621	228	371988	6.789	ng	97
84) Bis(2-ethylhexyl)phtha...	21.463	149	196068	5.339	ng	99
85) Di-n-octyl phthalate	22.439	149	322341	5.189	ng	99
87) Indeno(1,2,3-cd)pyrene	26.833	276	426483	6.563	ng	98
88) Benzo(b)fluoranthene	23.351	252	368661	6.763	ng	98
89) Benzo(k)fluoranthene	23.404	252	373064	6.797	ng	99
90) Benzo(a)pyrene	24.021	252	311546	5.920	ng	98
91) Dibenzo(a,h)anthracene	26.856	278	349690	6.553	ng	99
92) Benzo(g,h,i)perylene	27.668	276	347987	6.418	ng	99

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

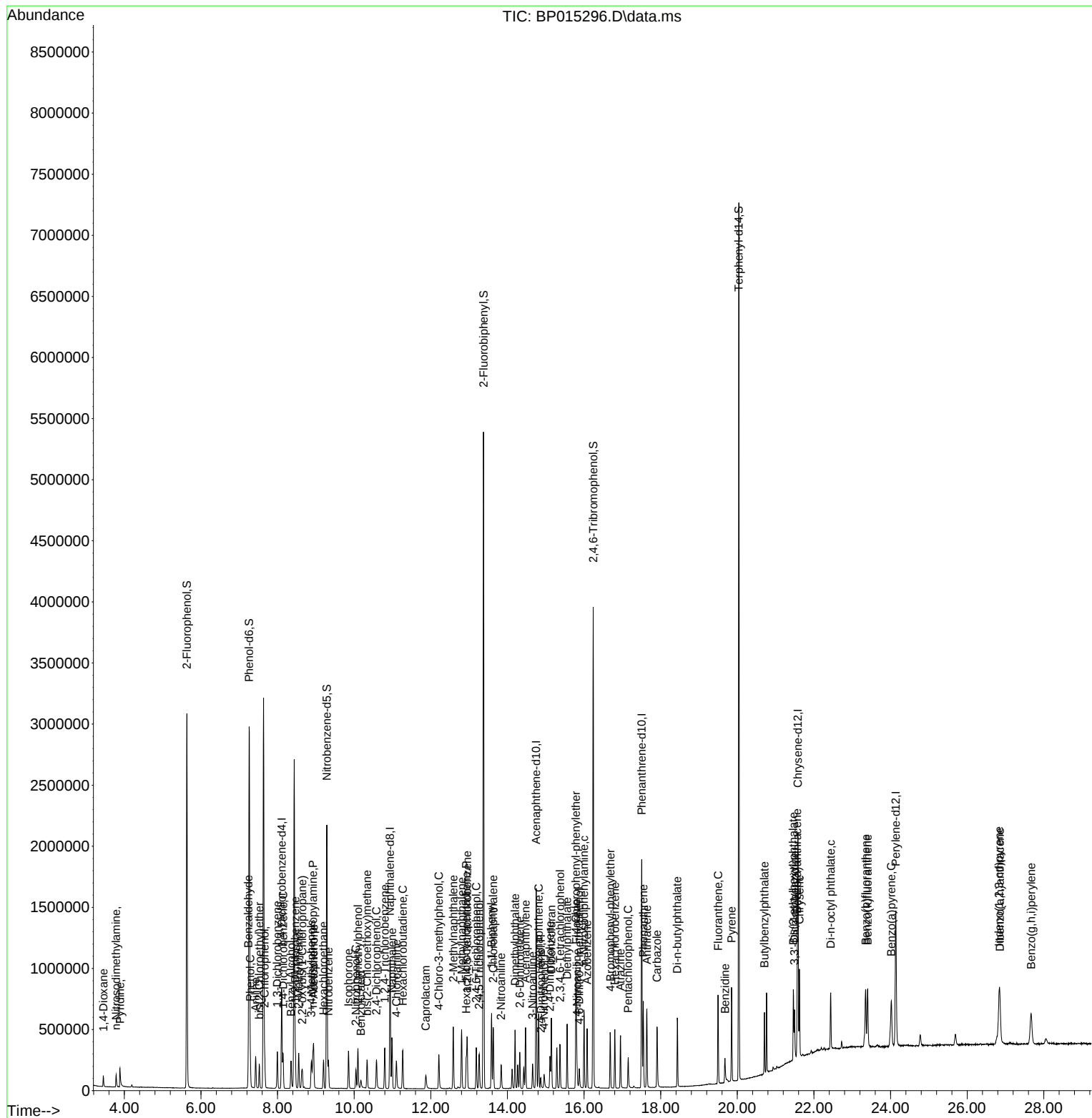
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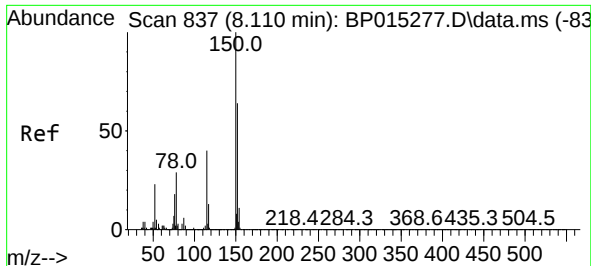
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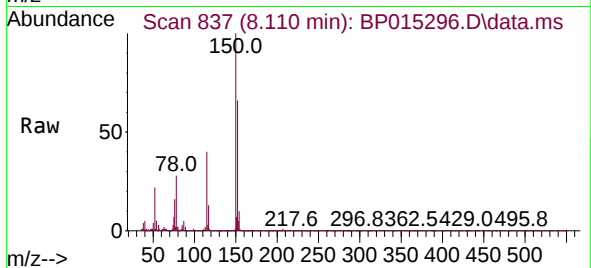
Reviewed By : Christian Giraldo 05/26/2023
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

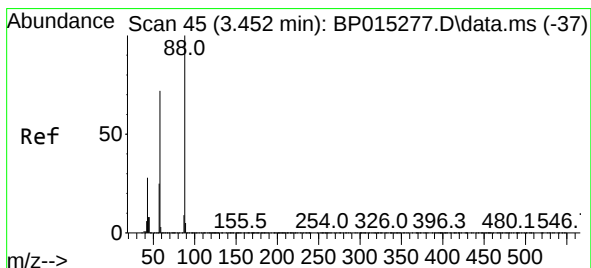
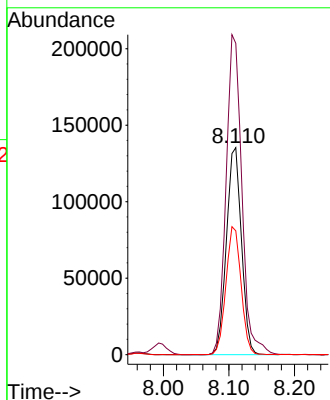
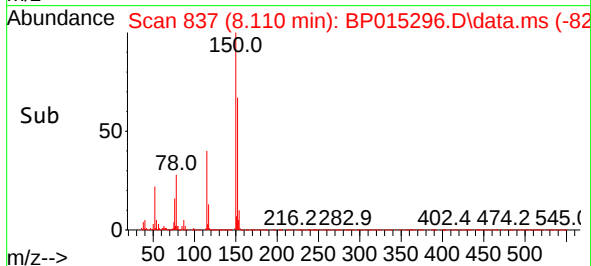
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:152 Resp: 215280
Ion Ratio Lower Upper
152 100
150 150.4 124.2 186.2
115 59.8 49.1 73.7

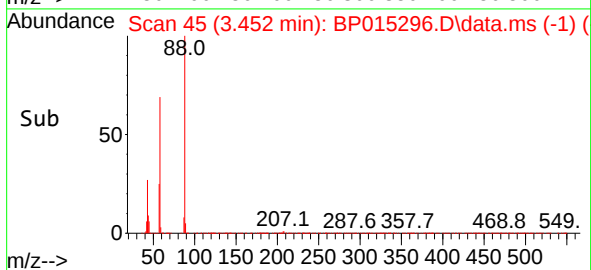
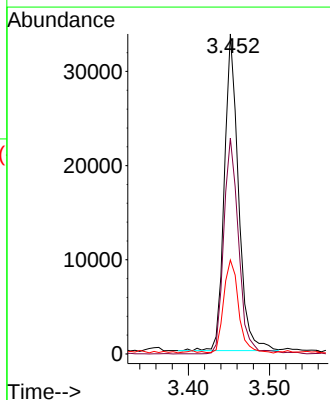
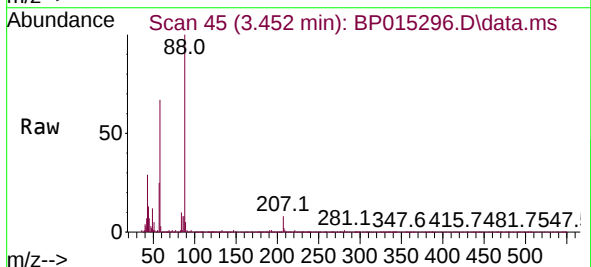
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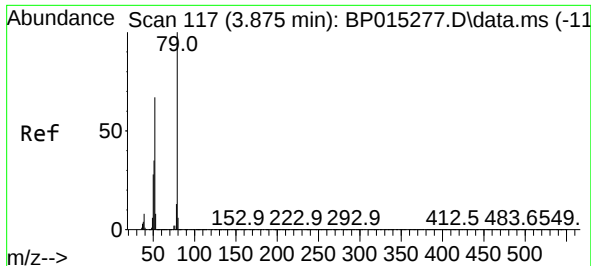
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#2
1,4-Dioxane
Concen: 7.103 ng
RT: 3.452 min Scan# 45
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 88 Resp: 40876
Ion Ratio Lower Upper
88 100
58 72.0 56.2 84.4
43 30.9 22.1 33.1





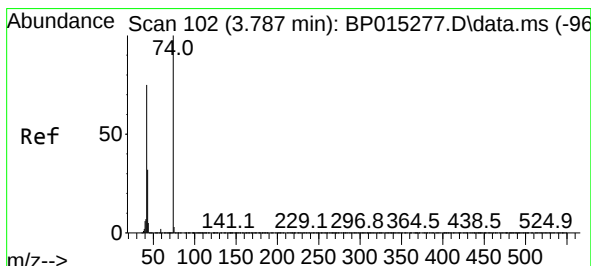
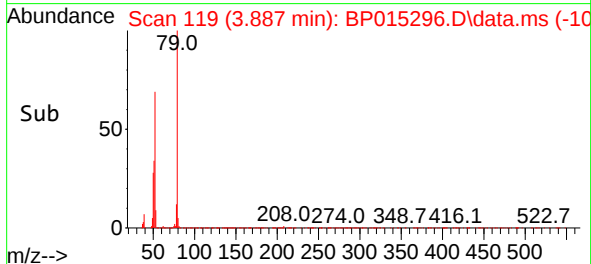
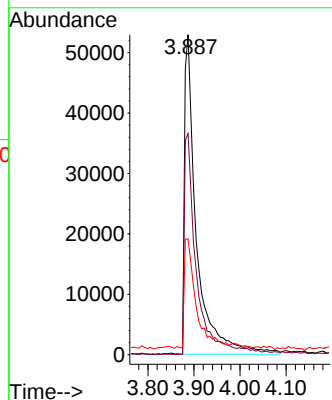
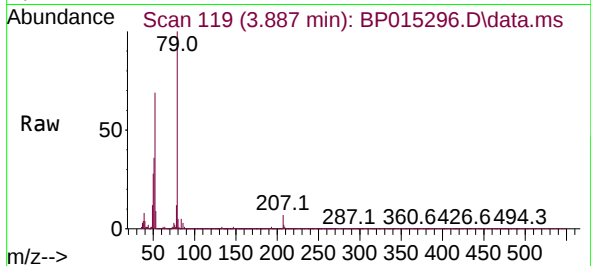
#3
Pyridine
Concen: 6.518 ng
RT: 3.887 min Scan# 117
Delta R.T. 0.012 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 79 Resp: 95849
Ion Ratio Lower Upper
79 100
52 69.1 53.7 80.5
51 36.2 28.6 43.0

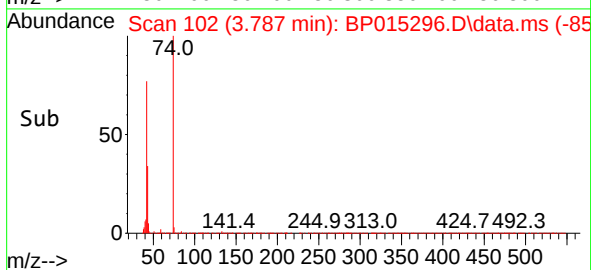
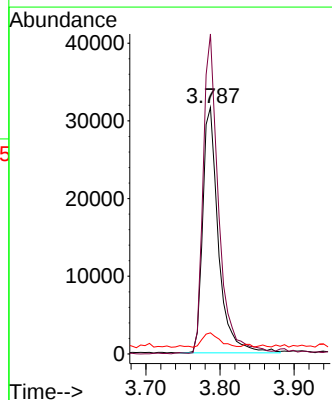
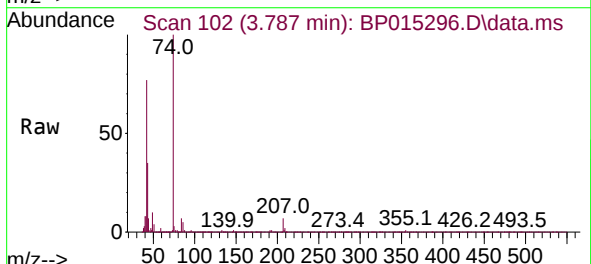
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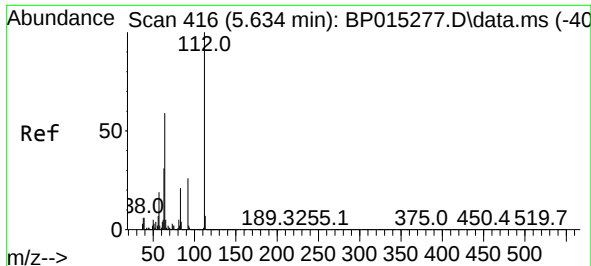
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#4
n-Nitrosodimethylamine
Concen: 6.777 ng
RT: 3.787 min Scan# 102
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 42 Resp: 46512
Ion Ratio Lower Upper
42 100
74 129.8 106.6 160.0
44 8.6 5.8 8.8





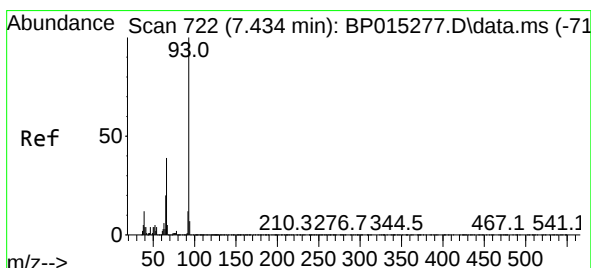
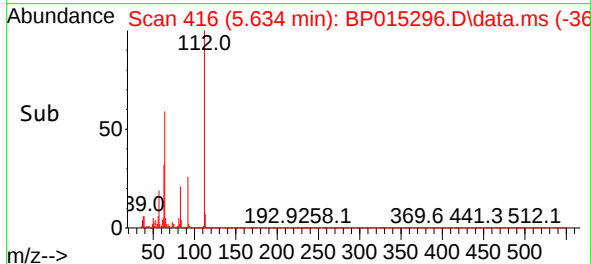
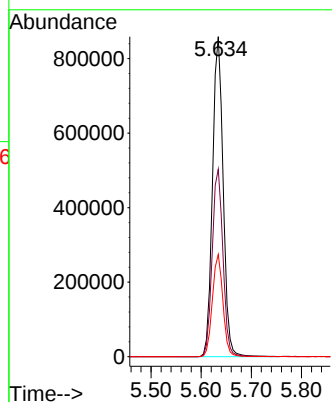
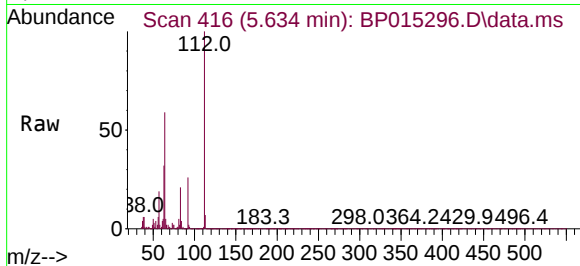
#5
2-Fluorophenol
Concen: 97.449 ng
RT: 5.634 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 1266038
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 31.9 24.6 37.0

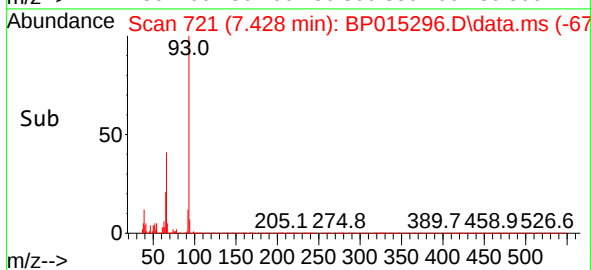
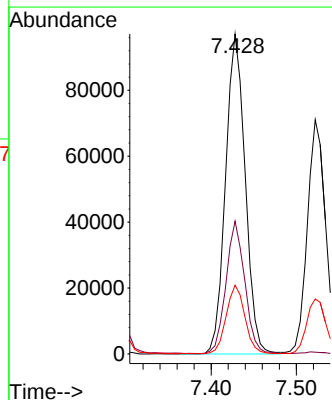
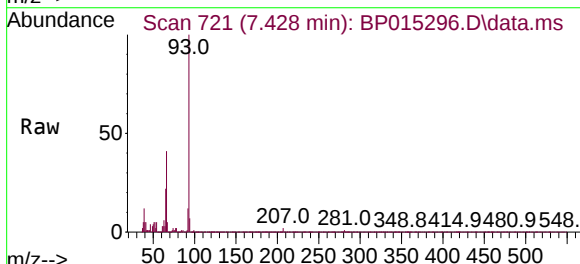
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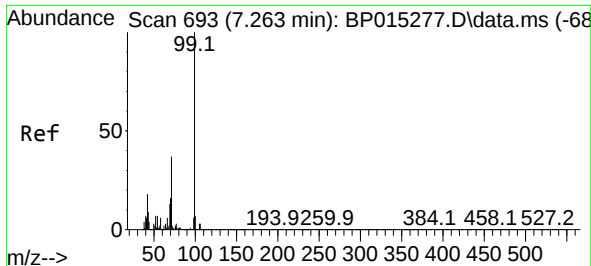
Reviewed By :Christian Giraldo 05/26/2023
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#6
Aniline
Concen: 7.215 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

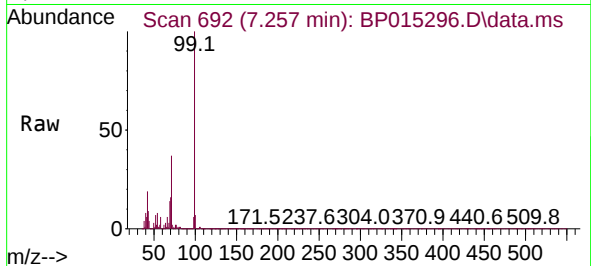
Tgt Ion: 93 Resp: 155260
Ion Ratio Lower Upper
93 100
66 41.5 31.3 46.9
65 21.5 16.0 24.0





#7
Phenol-d6
Concen: 97.977 ng
RT: 7.257 min Scan# 692
Delta R.T. -0.006 min
Lab File: BP015296.D
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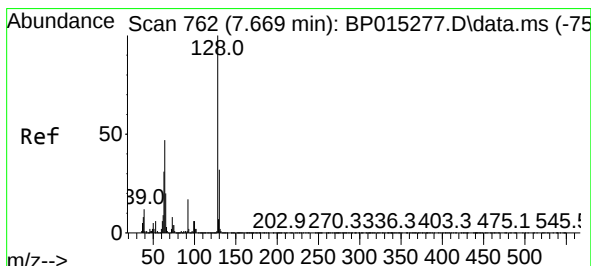
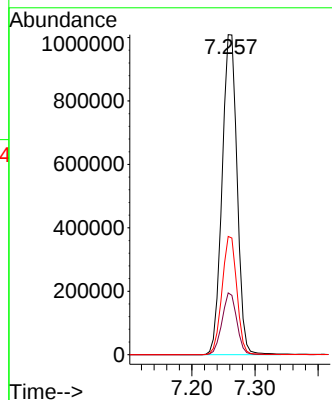
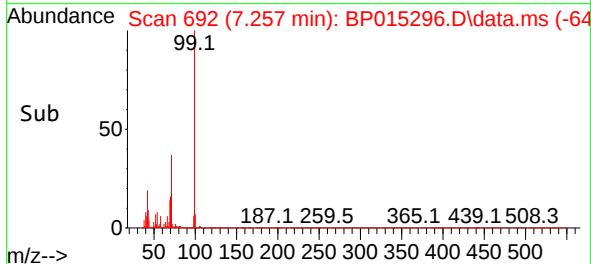
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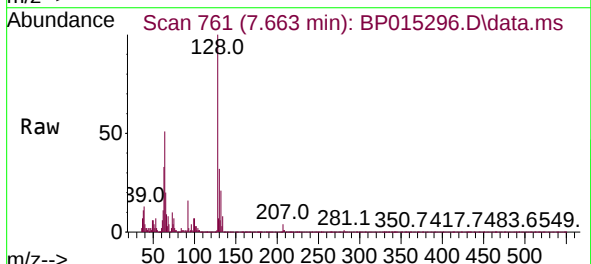
Tgt Ion: 99 Resp: 166814
Ion Ratio Lower Upper
99 100
42 19.3 14.6 22.0
71 36.9 29.4 44.2

Manual Integrations
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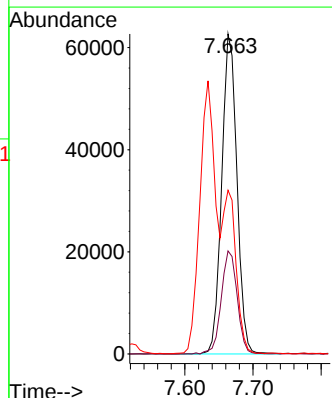
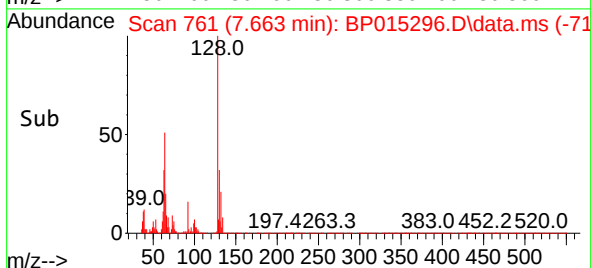
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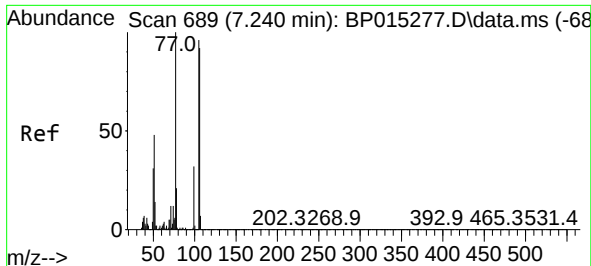


#8
2-Chlorophenol
Concen: 7.169 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BP015296.D
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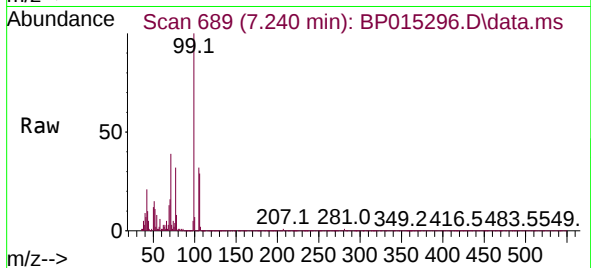
Tgt Ion:128 Resp: 97333
Ion Ratio Lower Upper
128 100
130 32.2 11.5 51.5
64 51.2 27.3 67.3





#9
Benzaldehyde
Concen: 6.713 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.000 min
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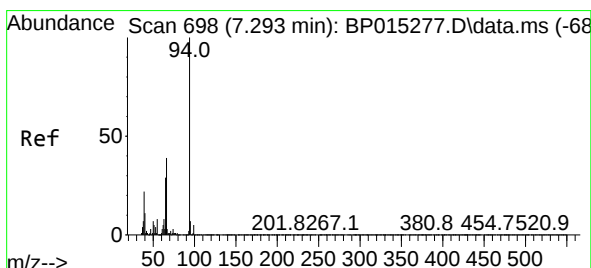
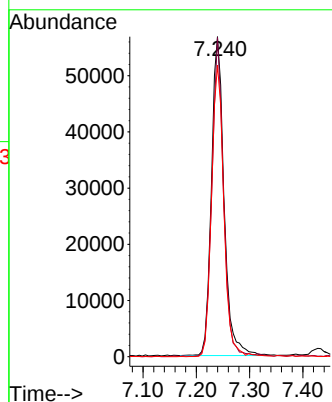
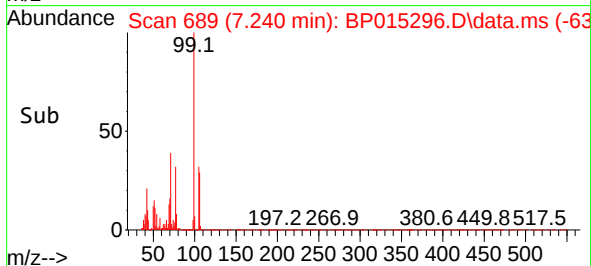
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



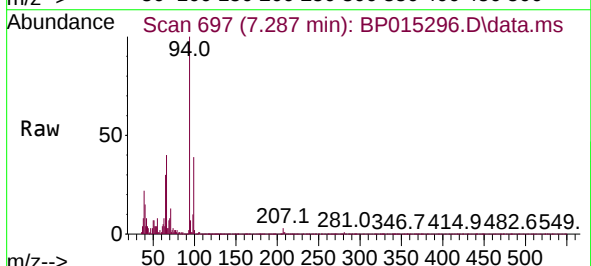
Tgt Ion: 77 Resp: 9334
Ion Ratio Lower Upper
77 100
105 99.7 75.9 115.9
106 91.1 72.3 112.3

Manual Integrations
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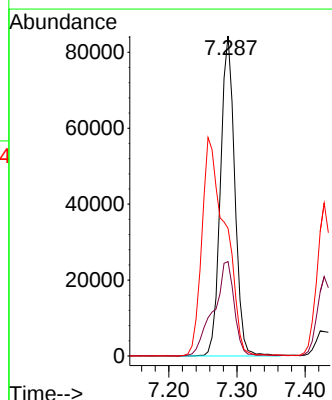
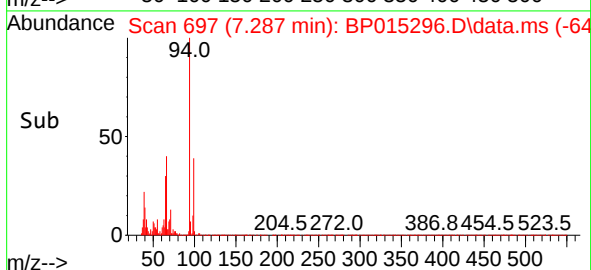
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

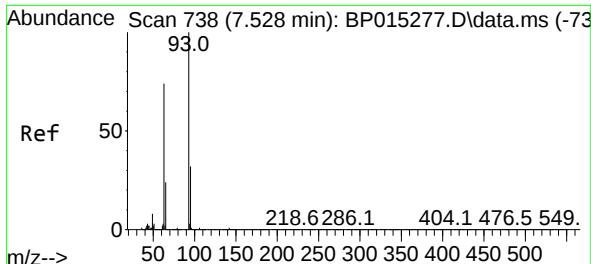


#10
Phenol
Concen: 7.228 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



Tgt Ion: 94 Resp: 123251
Ion Ratio Lower Upper
94 100
65 29.5 9.1 49.1
66 39.9 19.3 59.3





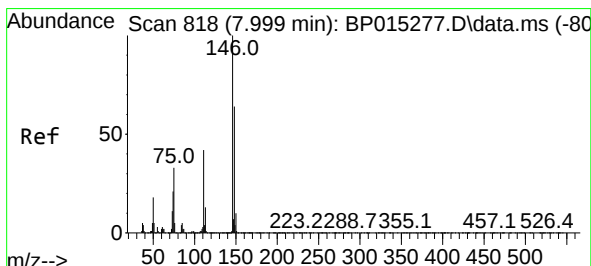
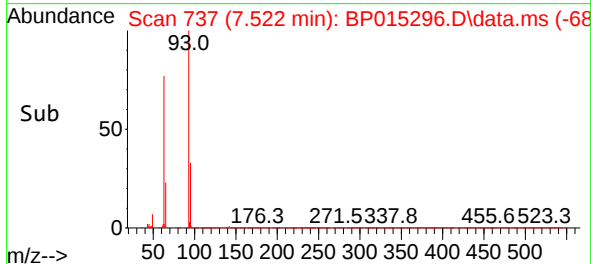
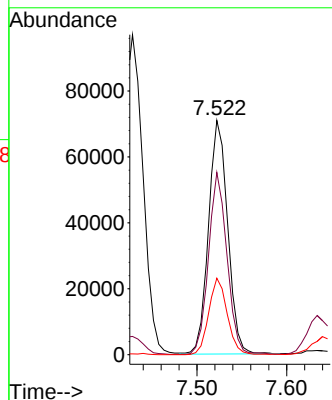
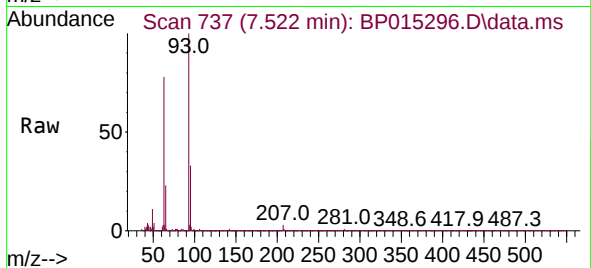
#11
bis(2-Chloroethyl)ether
Concen: 7.358 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 93 Resp: 105162
Ion Ratio Lower Upper
93 100
63 77.8 53.9 93.9
95 32.6 12.2 52.2

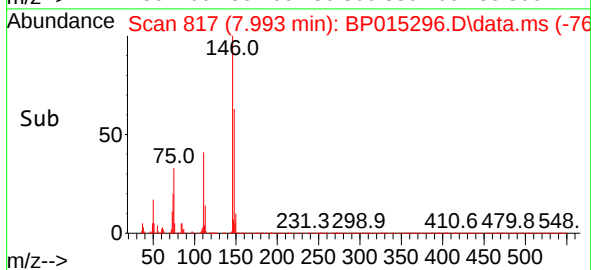
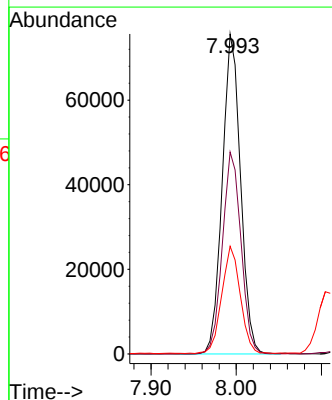
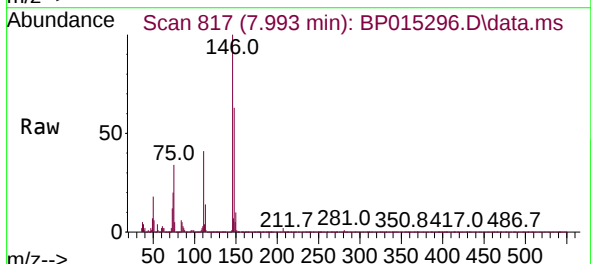
Manual Integrations
APPROVED

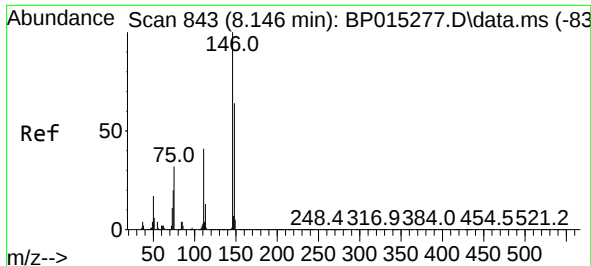
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#12
1,3-Dichlorobenzene
Concen: 7.459 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:146 Resp: 112687
Ion Ratio Lower Upper
146 100
148 63.1 50.8 76.2
75 33.7 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 7.485 ng

RT: 8.146 min Scan# 843

Delta R.T. -0.000 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

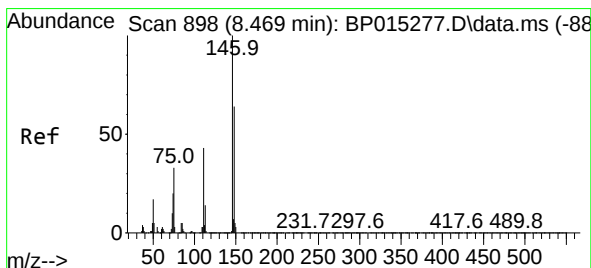
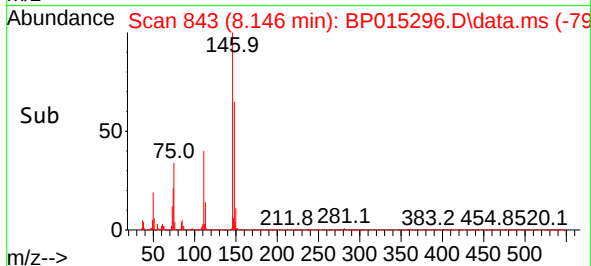
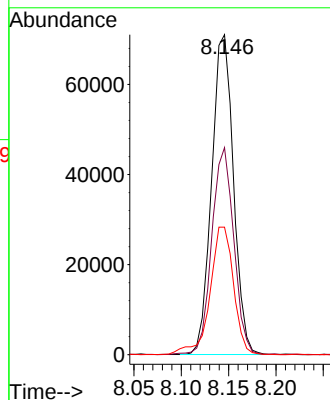
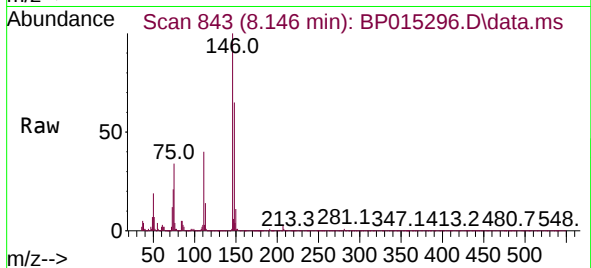
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:146 Resp: 113820
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.0 76.6
 111 39.9 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#14

1,2-Dichlorobenzene

Concen: 7.607 ng

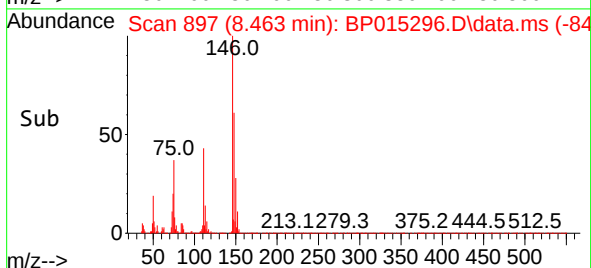
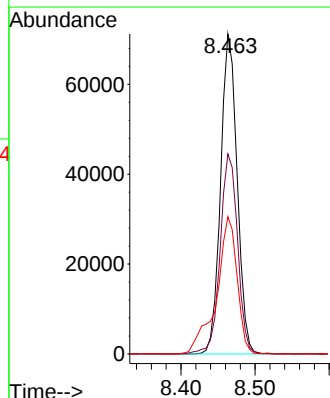
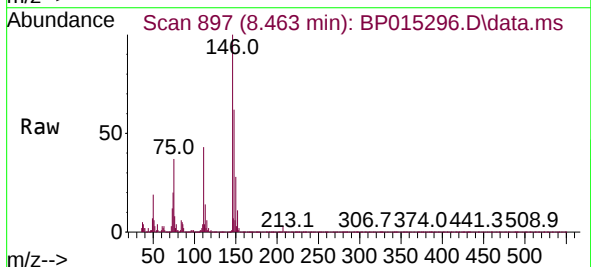
RT: 8.463 min Scan# 897

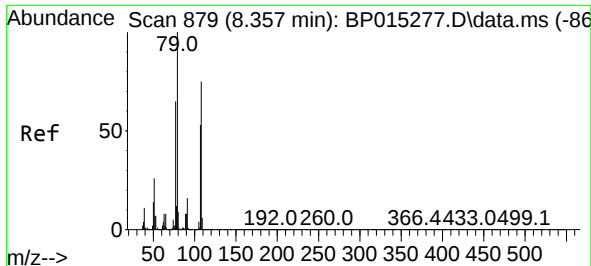
Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Tgt Ion:146 Resp: 110360
 Ion Ratio Lower Upper
 146 100
 148 62.5 51.4 77.2
 111 42.9 34.2 51.2





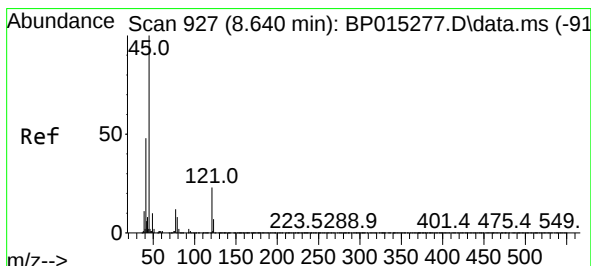
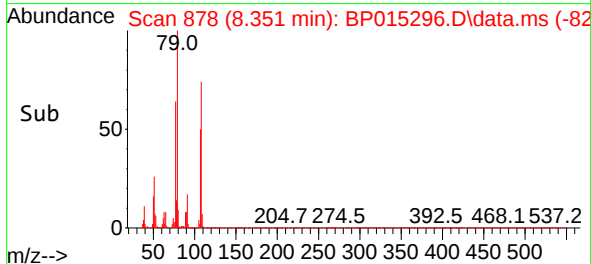
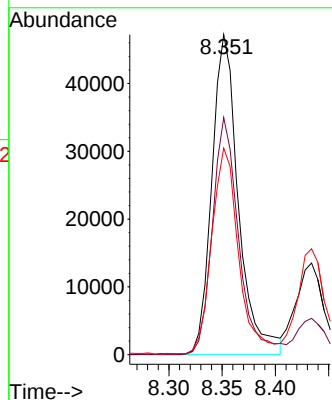
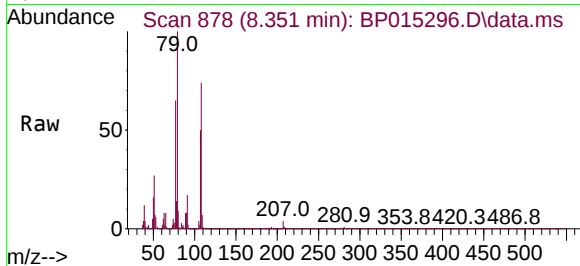
#15
Benzyl Alcohol
Concen: 6.863 ng
RT: 8.351 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 79 Resp: 8155
Ion Ratio Lower Upper
79 100
108 74.1 60.2 90.2
77 64.6 52.1 78.1

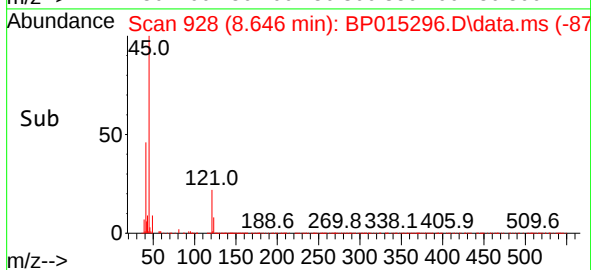
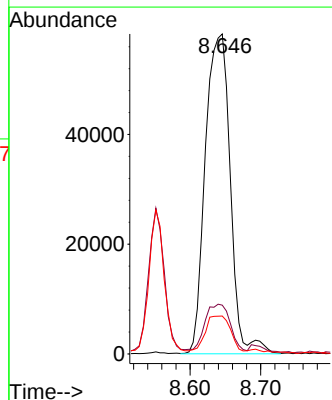
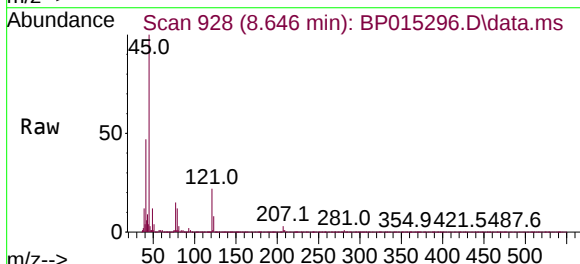
Manual Integrations
APPROVED

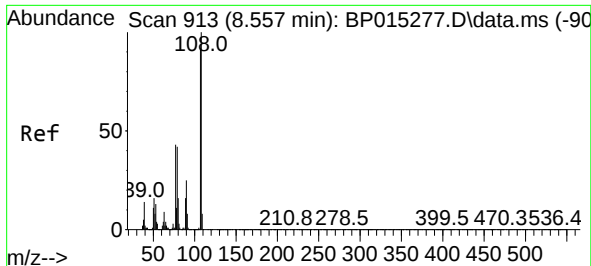
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.767 ng m
RT: 8.646 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 45 Resp: 143143
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.3
79 11.9 0.0 31.2





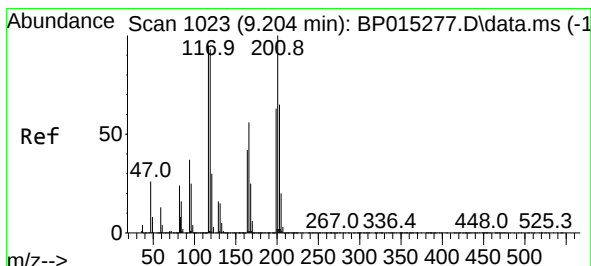
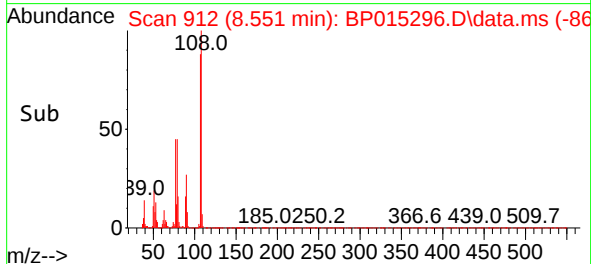
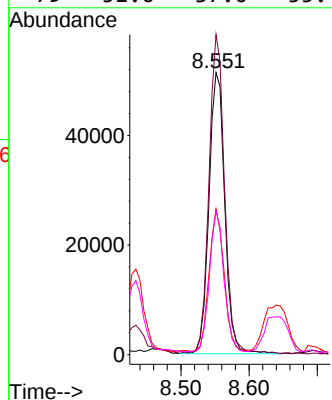
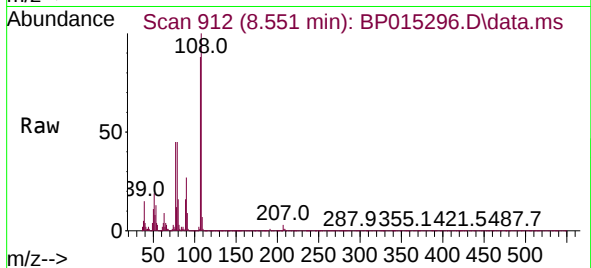
#17
2-Methylphenol
Concen: 6.822 ng
RT: 8.551 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:107 Resp: 82788
Ion Ratio Lower Upper
107 100
108 113.4 87.3 130.9
77 51.6 38.1 57.1
79 51.0 37.0 55.4

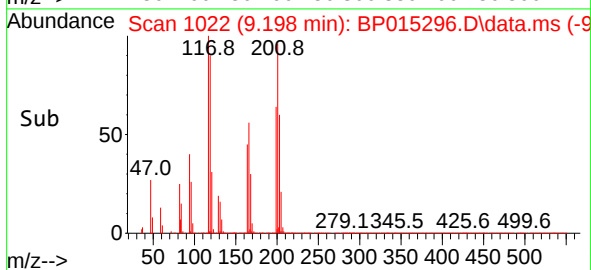
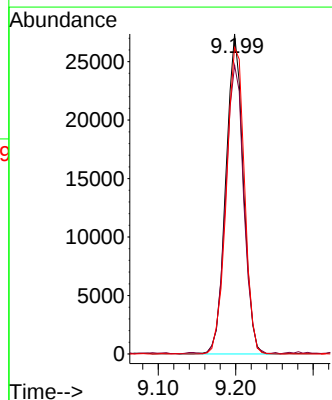
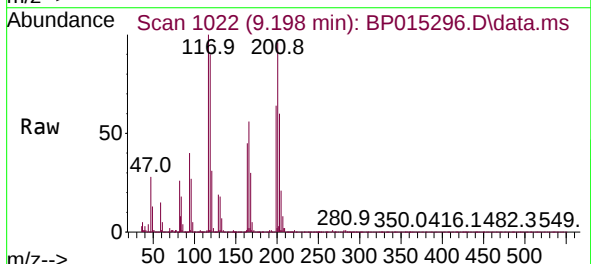
Manual Integrations
APPROVED

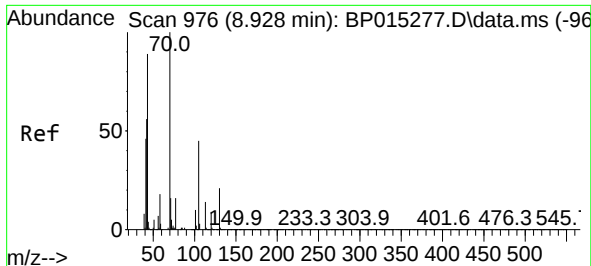
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#18
Hexachloroethane
Concen: 7.484 ng
RT: 9.198 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

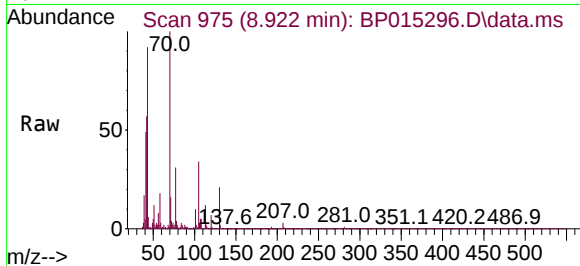
Tgt Ion:117 Resp: 42893
Ion Ratio Lower Upper
117 100
119 90.2 78.8 118.2
201 95.8 84.5 126.7





#19
n-Nitroso-di-n-propylamine
Concen: 7.465 ng
RT: 8.922 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

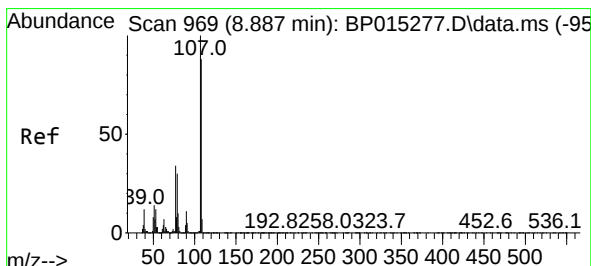
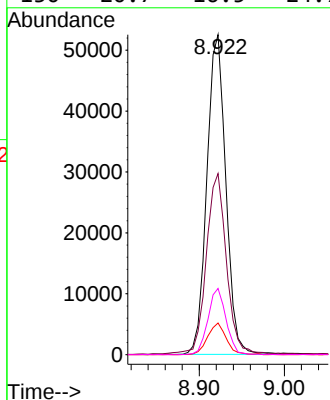
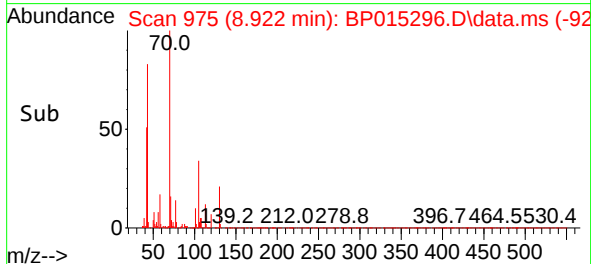
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



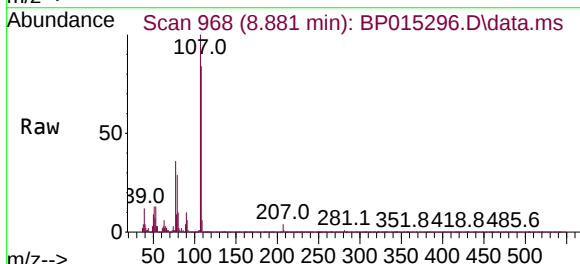
Tgt Ion: 70 Resp: 81344
Ion Ratio Lower Upper
70 100
42 56.6 45.4 68.2
101 9.9 7.9 11.9
130 20.7 16.5 24.7

Manual Integrations
APPROVED

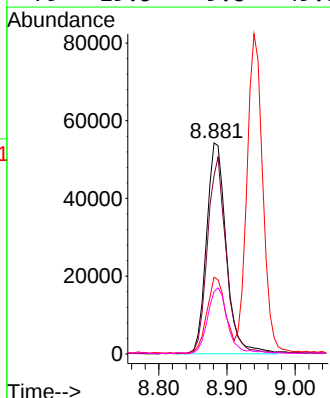
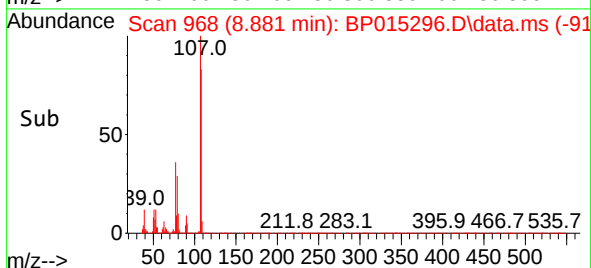
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

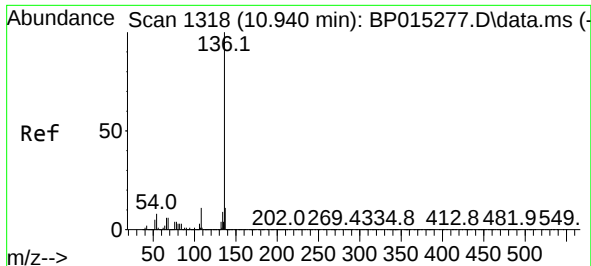


#20
3+4-Methylphenols
Concen: 6.670 ng
RT: 8.881 min Scan# 968
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



Tgt Ion:107 Resp: 109347
Ion Ratio Lower Upper
107 100
108 84.4 68.0 108.0
77 36.4 14.5 54.5
79 29.5 9.8 49.8





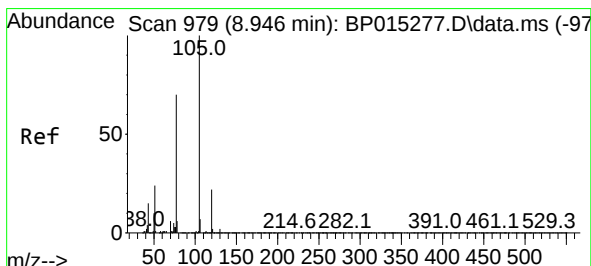
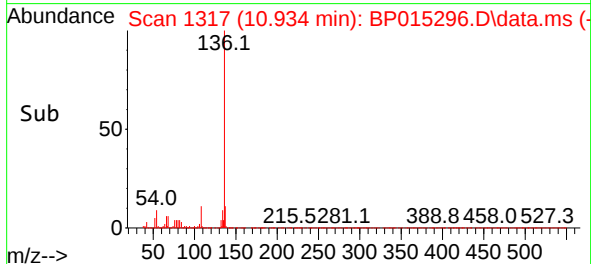
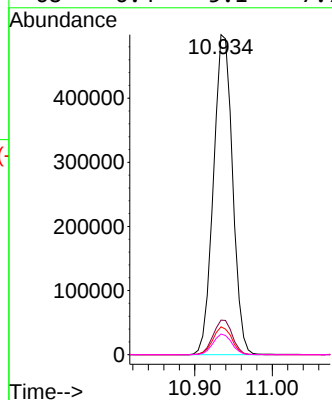
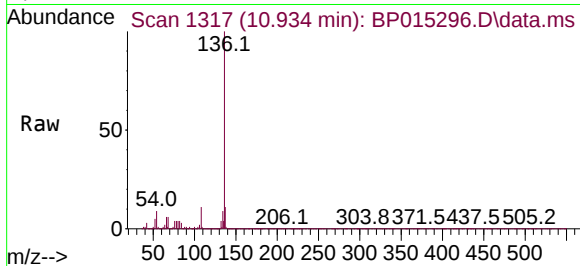
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:136 Resp: 855080
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.7 6.3 9.5
68 6.4 5.1 7.7

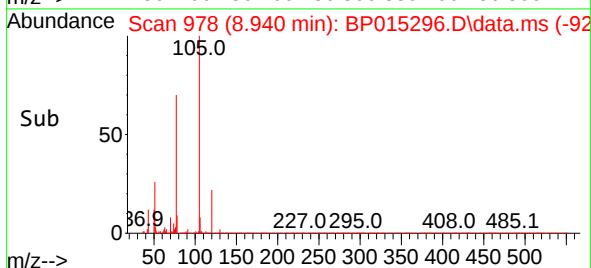
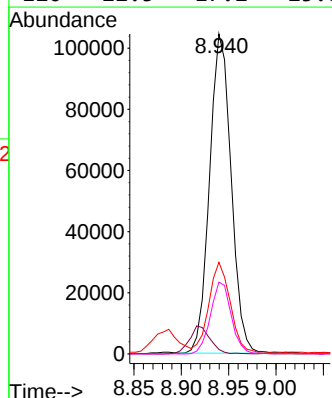
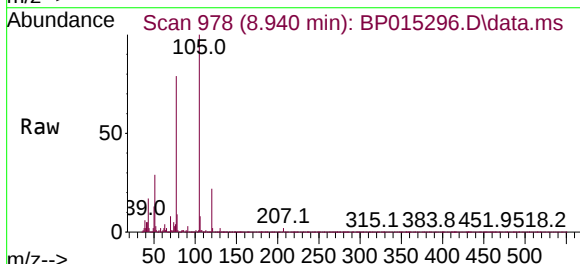
Manual Integrations
APPROVED

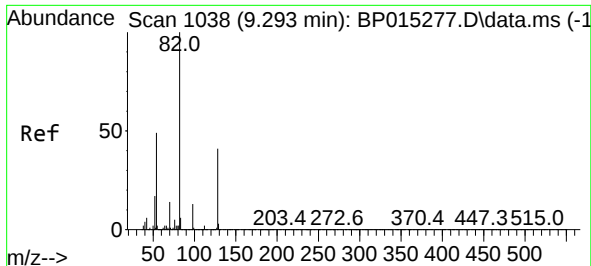
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#22
Acetophenone
Concen: 7.442 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:105 Resp: 165289
Ion Ratio Lower Upper
105 100
71 1.4 1.5 2.3#
51 28.6 22.5 33.7
120 22.5 17.2 25.8





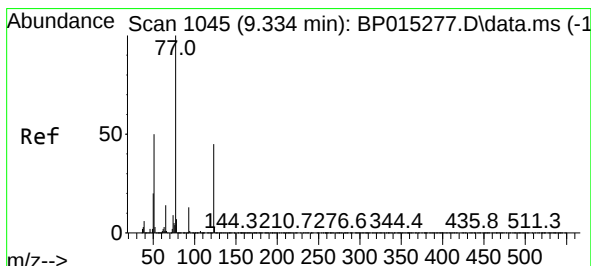
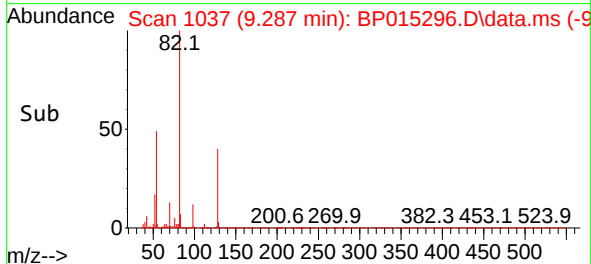
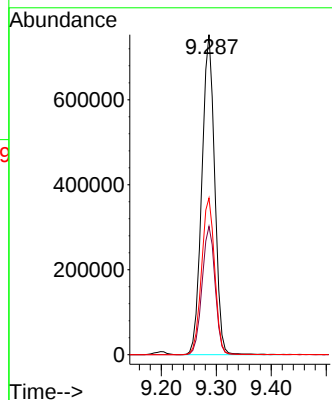
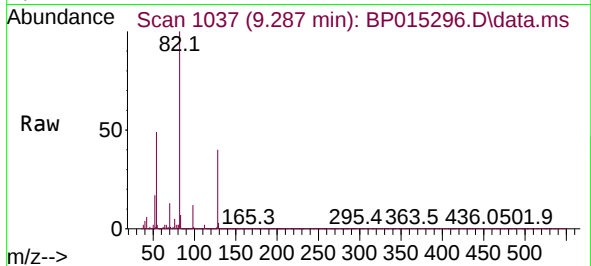
#23
Nitrobenzene-d5
Concen: 69.849 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 82 Resp: 122325
Ion Ratio Lower Upper
82 100
128 40.1 33.0 49.4
54 48.9 39.2 58.8

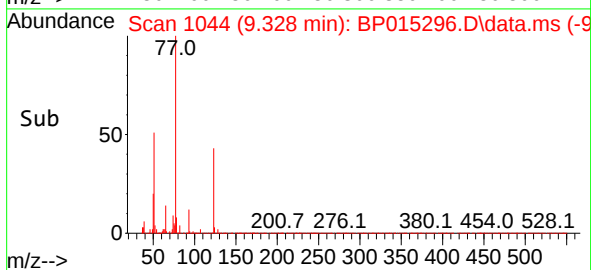
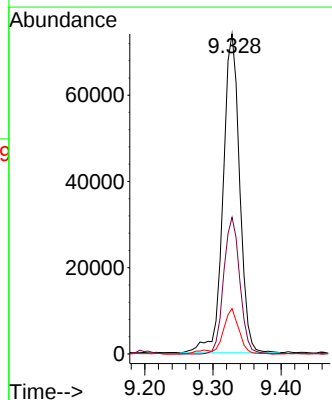
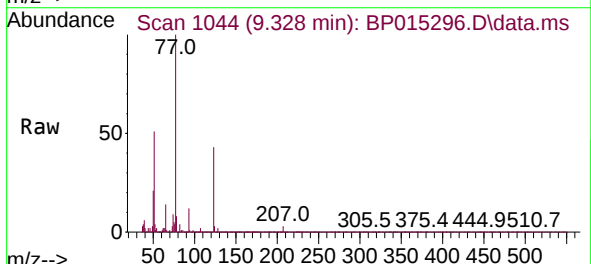
Manual Integrations
APPROVED

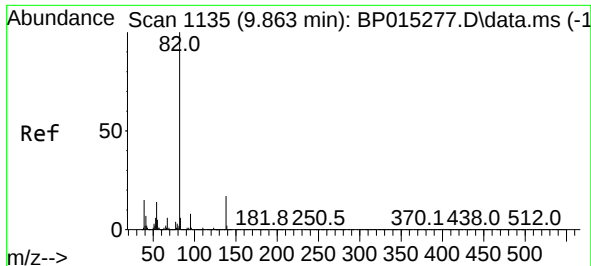
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#24
Nitrobenzene
Concen: 7.200 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 77 Resp: 125554
Ion Ratio Lower Upper
77 100
123 42.7 36.2 54.4
65 14.2 10.8 16.2





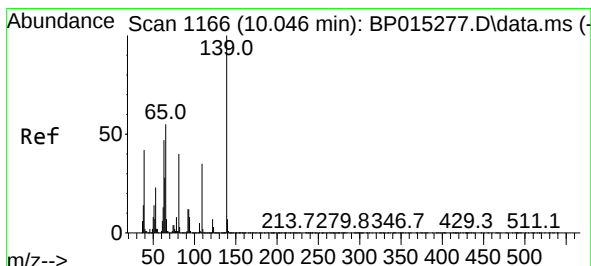
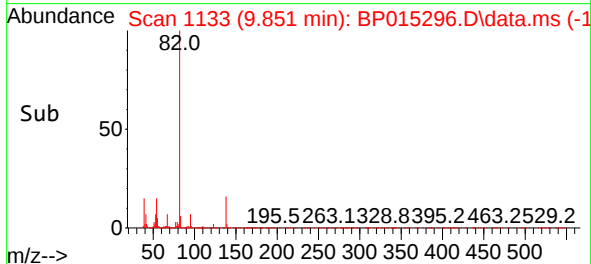
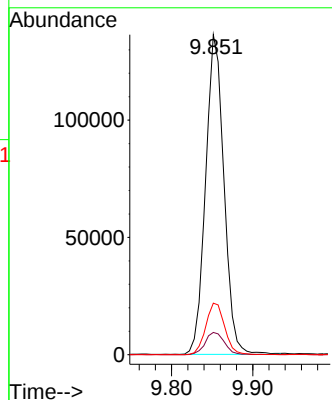
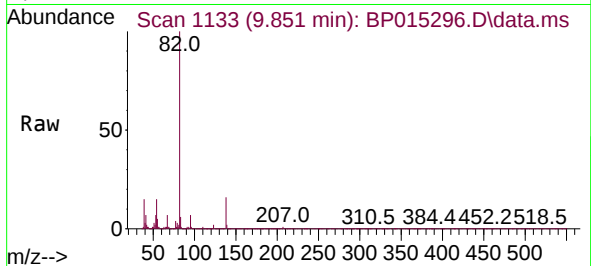
#25
Isophorone
Concen: 6.810 ng
RT: 9.851 min Scan# 1133
Delta R.T. -0.012 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 82 Resp: 21400
Ion Ratio Lower Upper
82 100
95 7.0 6.3 9.5
138 16.1 13.6 20.4

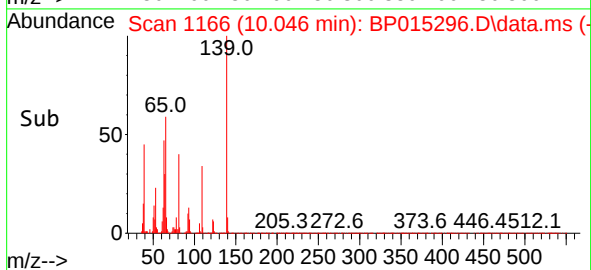
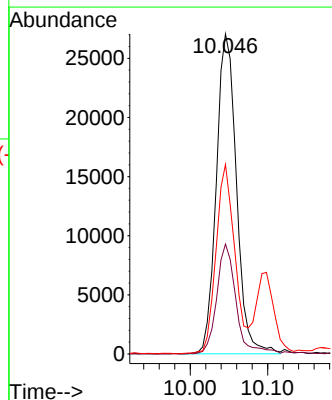
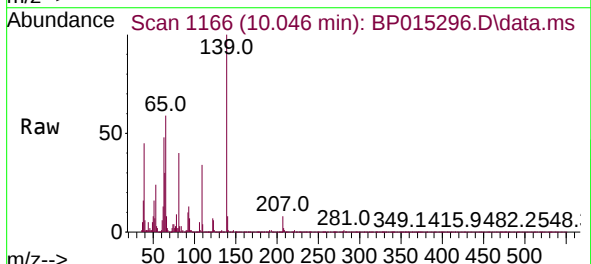
Manual Integrations
APPROVED

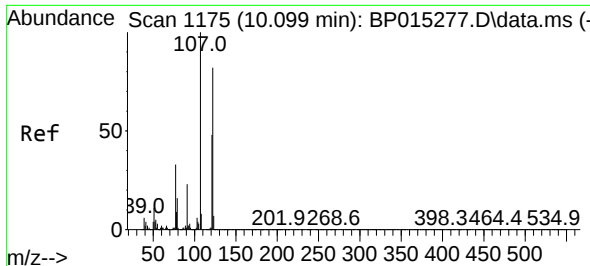
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#26
2-Nitrophenol
Concen: 6.402 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

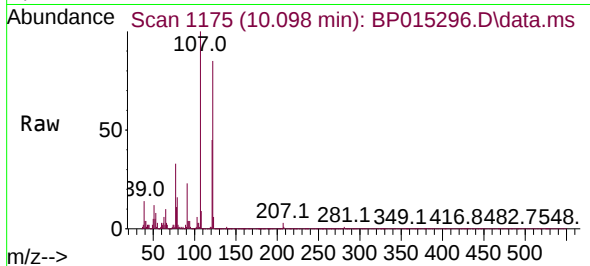
Tgt Ion:139 Resp: 48997
Ion Ratio Lower Upper
139 100
109 34.4 28.4 42.6
65 59.2 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 7.121 ng
RT: 10.098 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

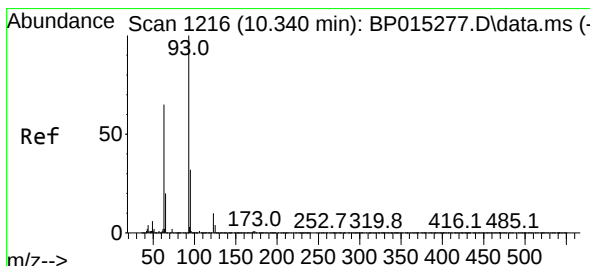
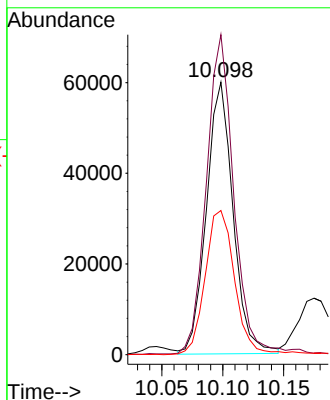
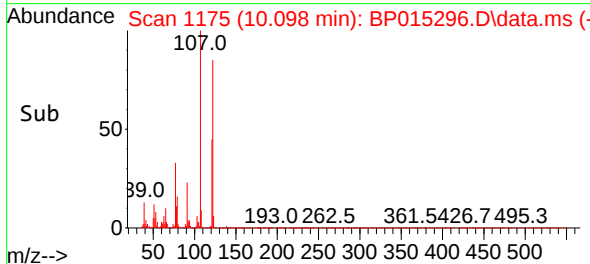
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:122 Resp: 91378
Ion Ratio Lower Upper
122 100
107 117.4 95.9 143.9
121 52.9 45.8 68.8

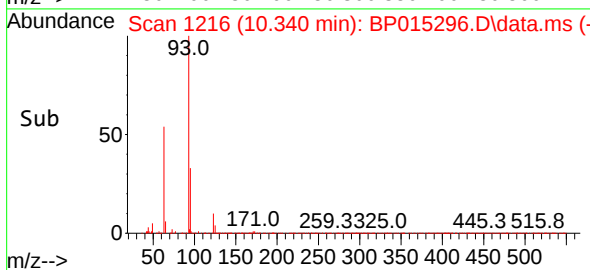
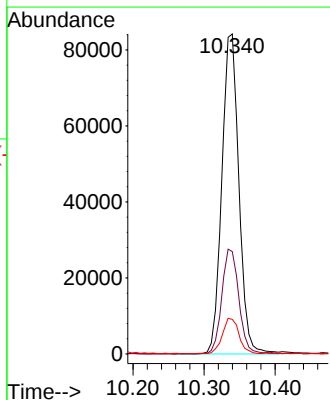
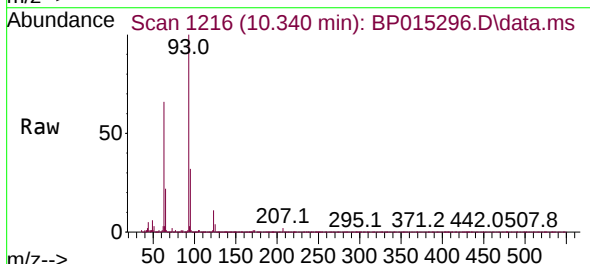
Manual Integrations
APPROVED

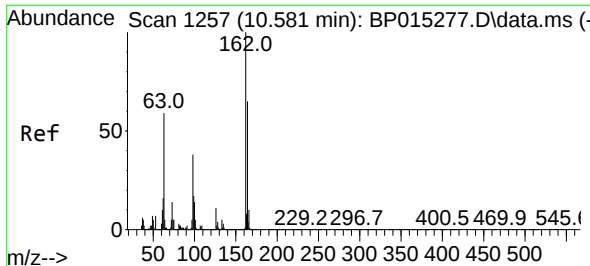
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#28
bis(2-Chloroethoxy)methane
Concen: 7.220 ng
RT: 10.340 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 93 Resp: 139843
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 10.8 8.4 12.6





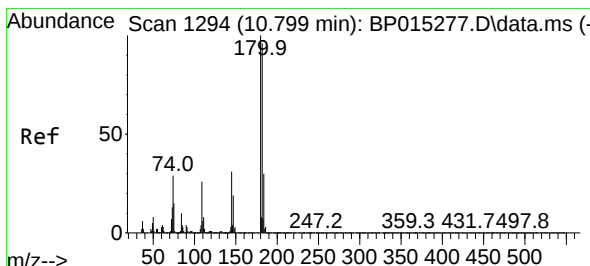
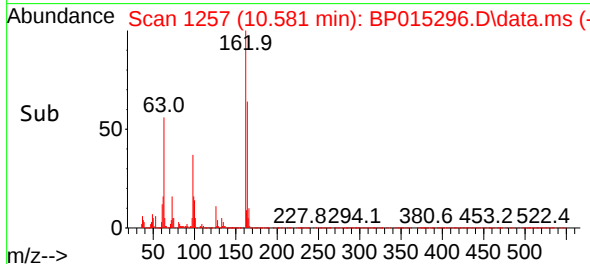
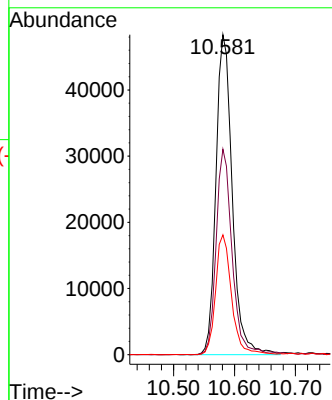
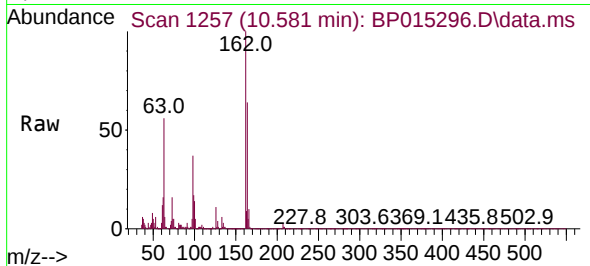
#29
2,4-Dichlorophenol
Concen: 6.755 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:162 Resp: 89870
Ion Ratio Lower Upper
162 100
164 64.2 45.4 85.4
98 37.5 17.9 57.9

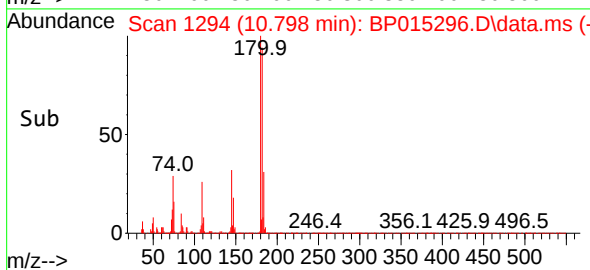
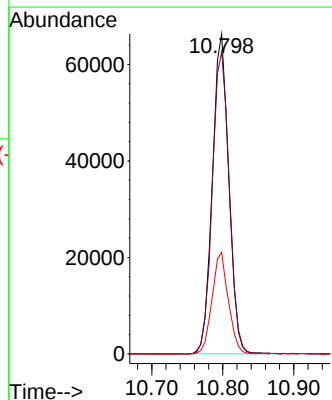
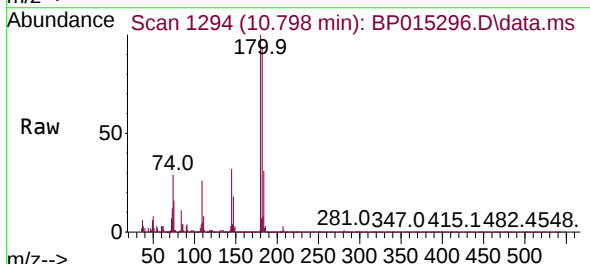
Manual Integrations
APPROVED

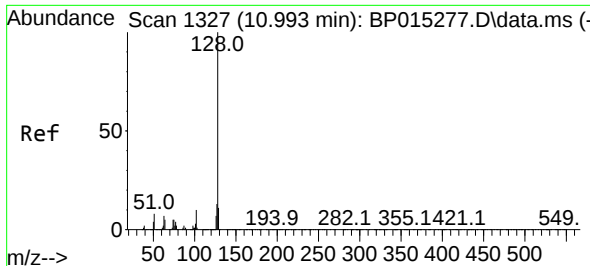
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#30
1,2,4-Trichlorobenzene
Concen: 7.155 ng
RT: 10.798 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:180 Resp: 106183
Ion Ratio Lower Upper
180 100
182 94.3 76.6 115.0
145 31.7 24.9 37.3





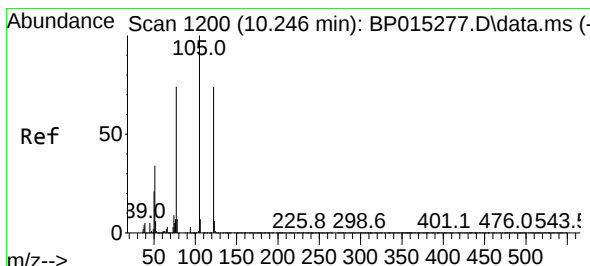
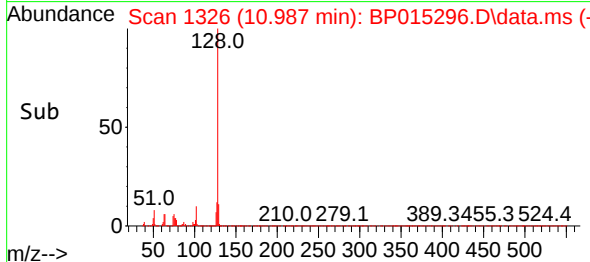
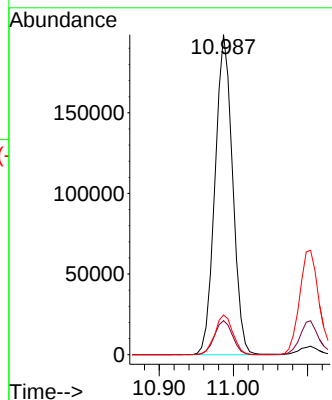
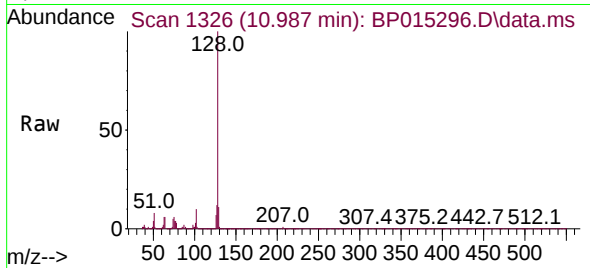
#31
Naphthalene
Concen: 7.242 ng
RT: 10.987 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:128 Resp: 326120
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.4 10.4 15.6

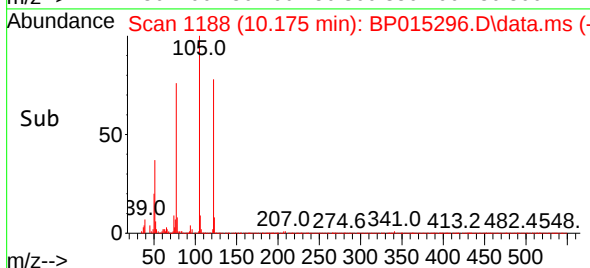
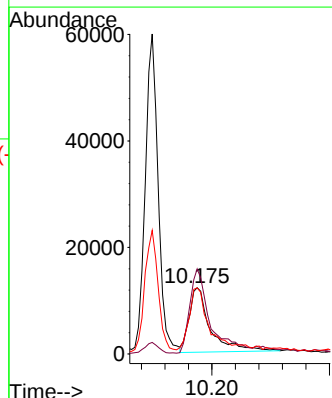
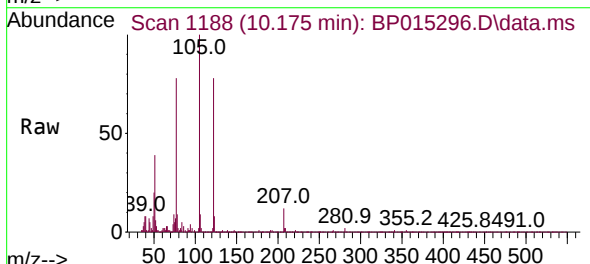
Manual Integrations
APPROVED

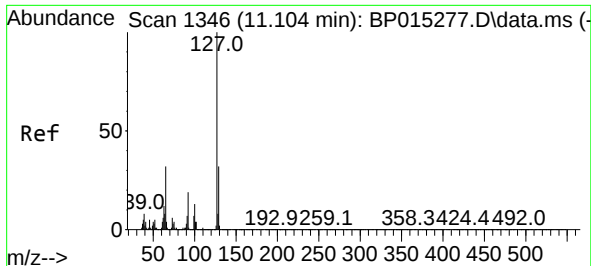
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#32
Benzoic acid
Concen: 8.939 ng
RT: 10.175 min Scan# 1188
Delta R.T. -0.071 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

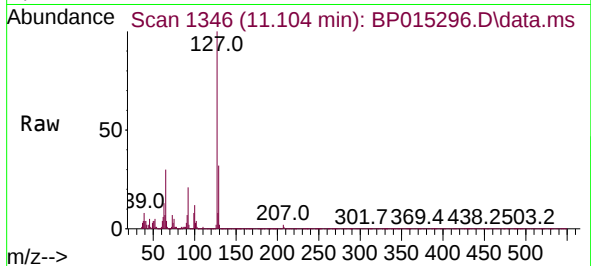
Tgt Ion:122 Resp: 30405
Ion Ratio Lower Upper
122 100
105 128.6 109.5 149.5
77 99.7 78.2 118.2





#33
4-Chloroaniline
Concen: 6.597 ng
RT: 11.104 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

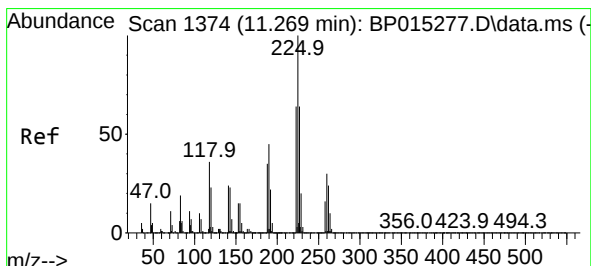
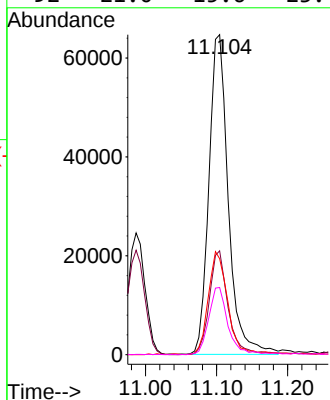
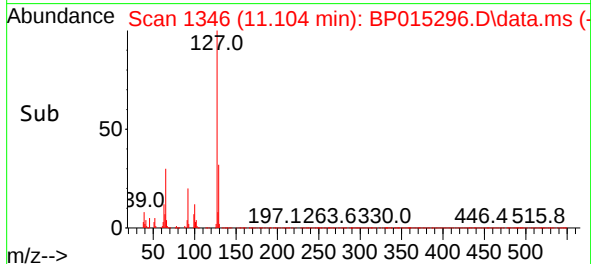
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.5	38.3
65	30.0	25.3	37.9
92	21.0	15.6	23.4

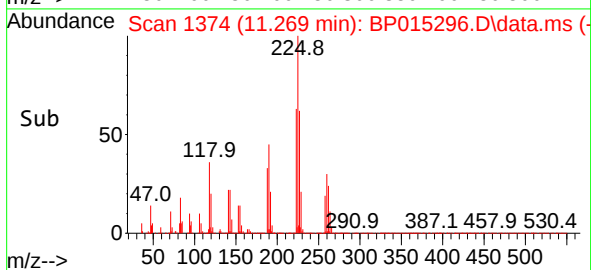
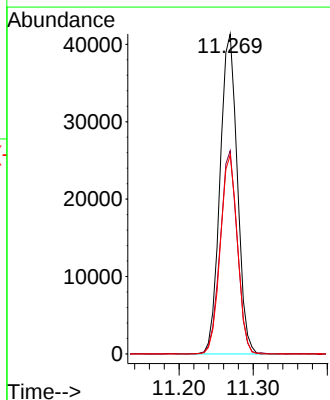
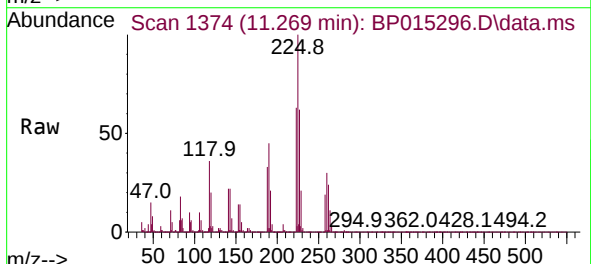
Manual Integrations
APPROVED

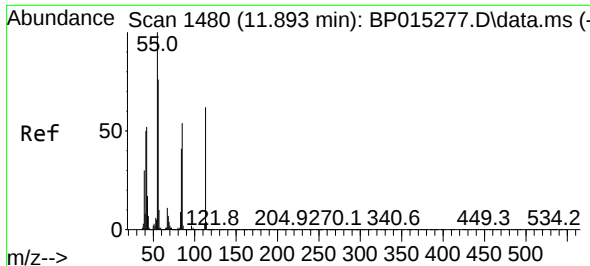
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#34
Hexachlorobutadiene
Concen: 7.117 ng
RT: 11.269 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.4
227	62.1	51.4	77.2





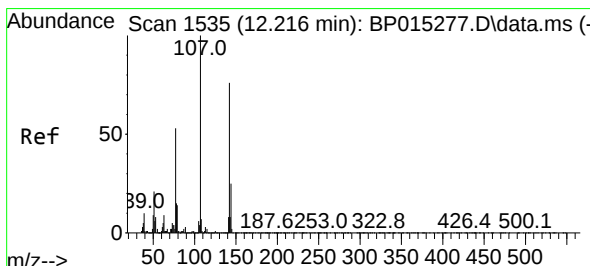
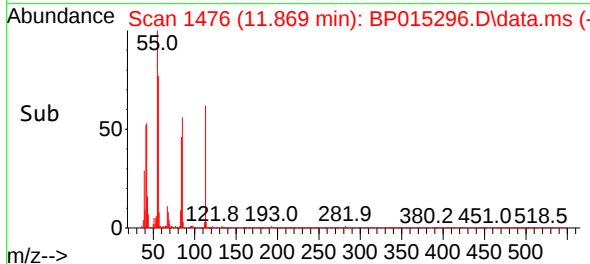
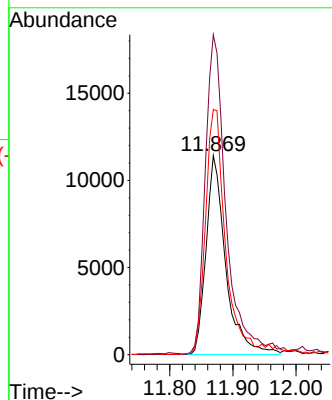
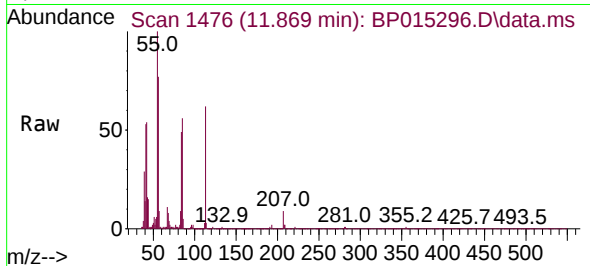
#35
Caprolactam
Concen: 6.053 ng
RT: 11.869 min Scan# 1480
Delta R.T. -0.024 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:113 Resp: 24725
Ion Ratio Lower Upper
113 100
55 160.8 141.4 181.4
56 123.2 102.5 142.5

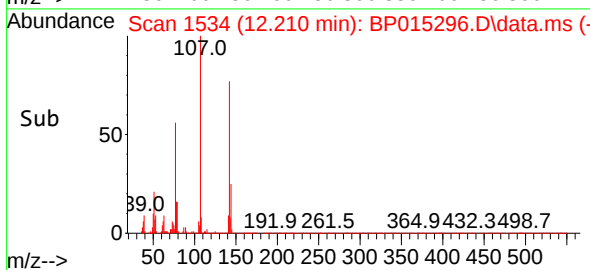
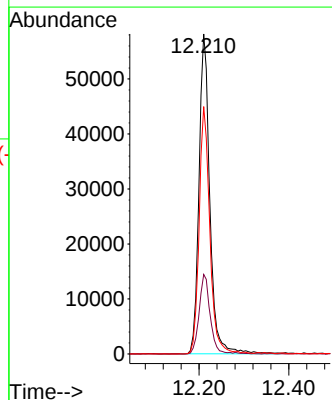
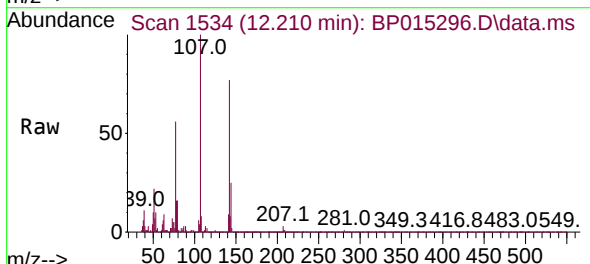
Manual Integrations
APPROVED

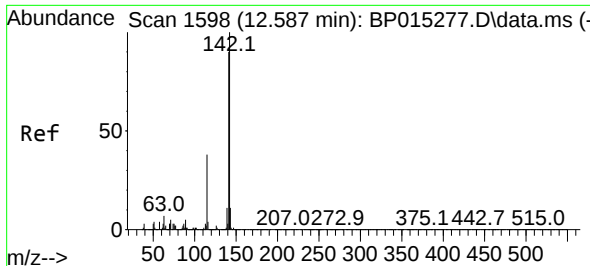
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#36
4-Chloro-3-methylphenol
Concen: 6.741 ng
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

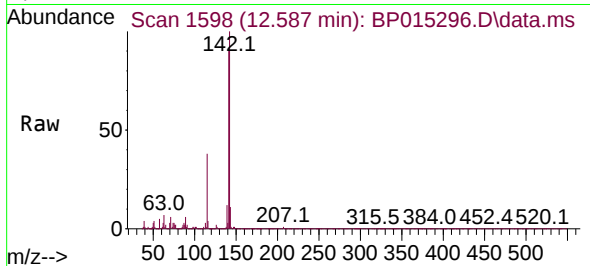
Tgt Ion:107 Resp: 97517
Ion Ratio Lower Upper
107 100
144 24.9 19.8 29.6
142 77.3 61.0 91.4





#37
2-Methylnaphthalene
Concen: 7.003 ng
RT: 12.587 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

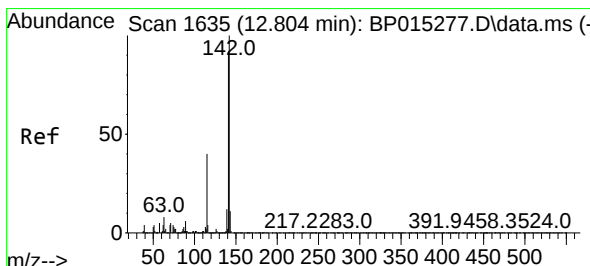
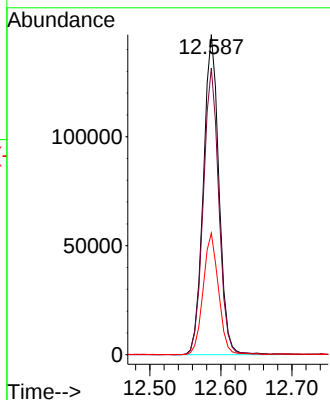
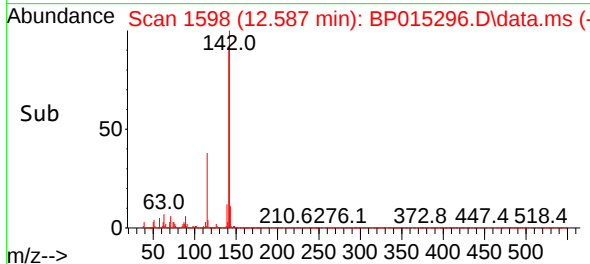
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



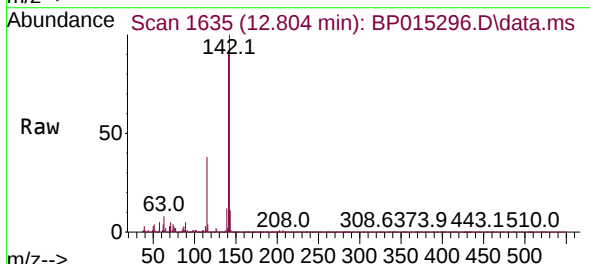
Tgt Ion:142 Resp: 224130
Ion Ratio Lower Upper
142 100
141 89.6 72.0 108.0
115 38.0 30.6 46.0

Manual Integrations
APPROVED

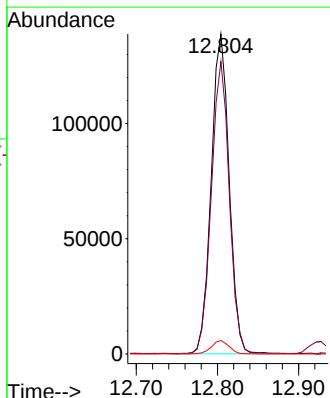
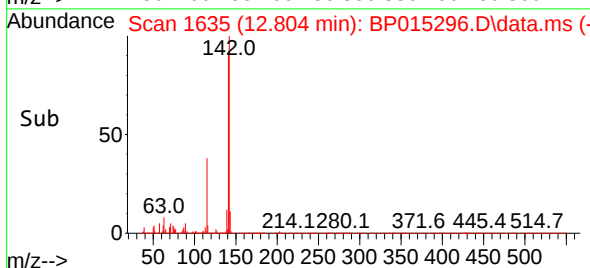
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

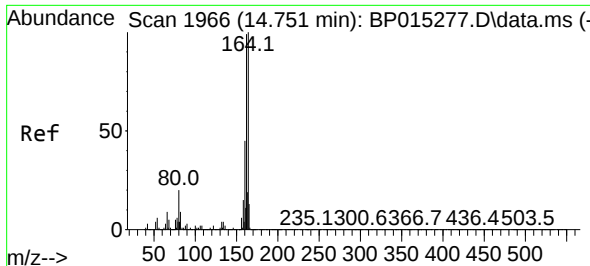


#38
1-Methylnaphthalene
Concen: 7.142 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



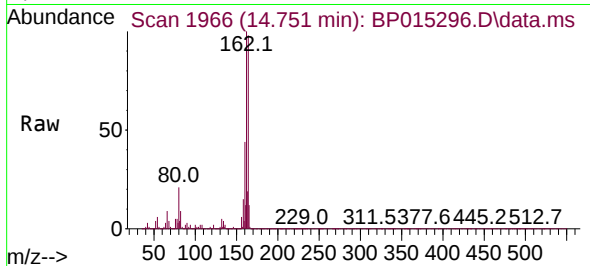
Tgt Ion:142 Resp: 213267
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 4.2 3.4 5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1966
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

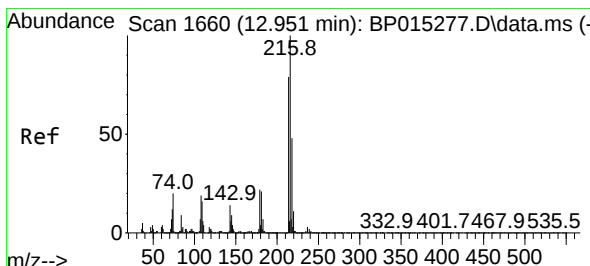
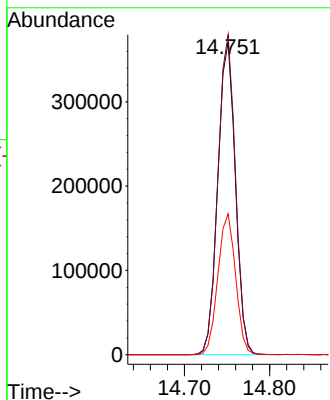
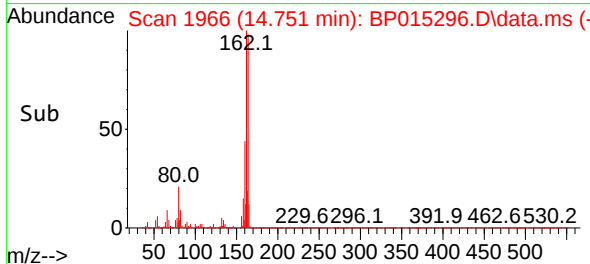
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



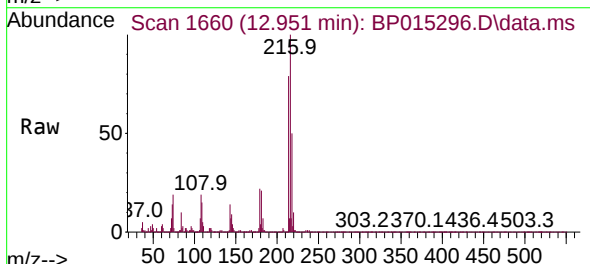
Tgt Ion:164 Resp: 53191
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.2
160 45.1 35.6 53.4

Manual Integrations
APPROVED

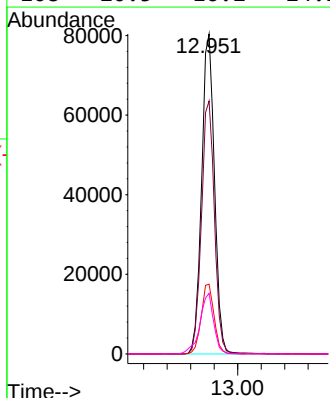
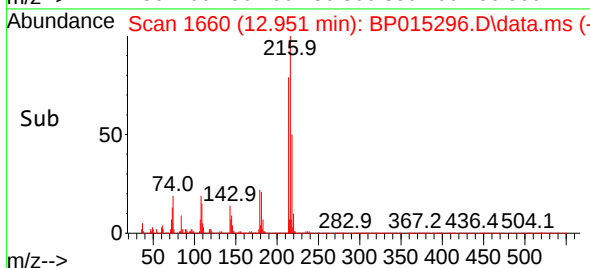
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

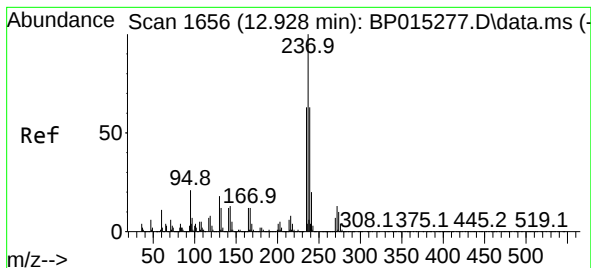


#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.008 ng
RT: 12.951 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



Tgt Ion:216 Resp: 122319
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.4
179 21.9 17.3 25.9
108 20.5 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 6.638 ng

RT: 12.922 min Scan# 1655

Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

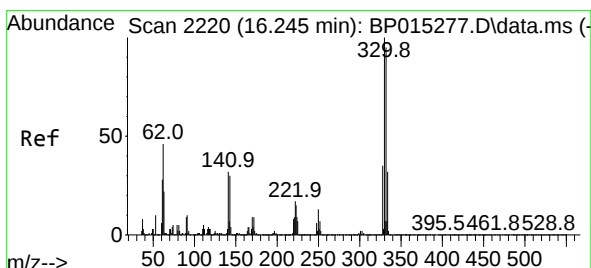
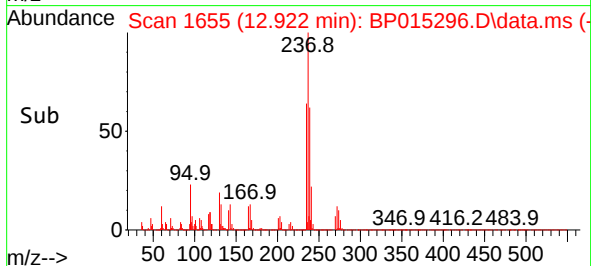
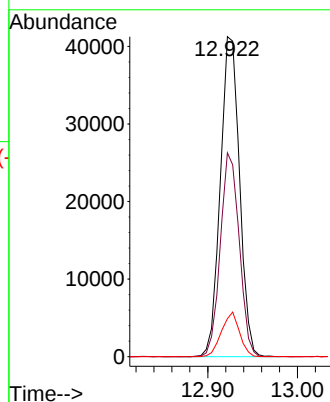
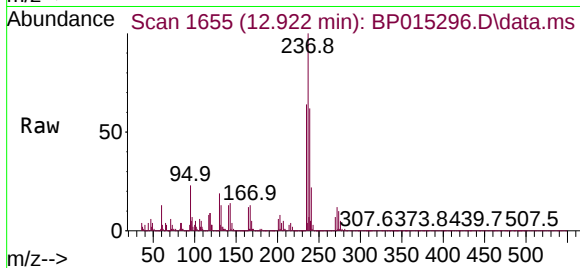
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	237	Resp:	6136
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.2	83.2
272	11.8	0.0	32.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#42

2,4,6-Tribromophenol

Concen: 94.551 ng

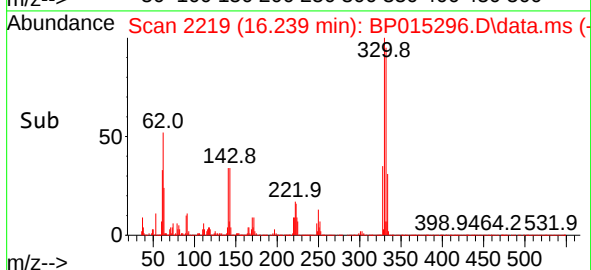
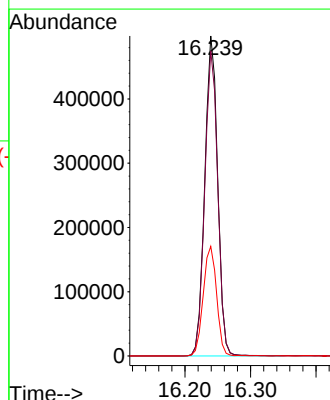
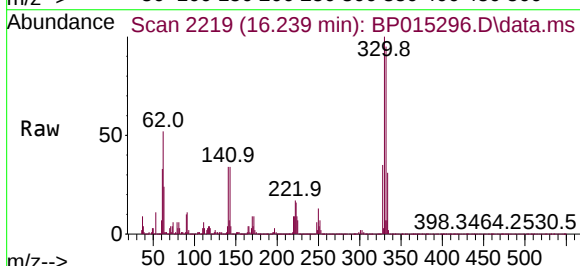
RT: 16.239 min Scan# 2219

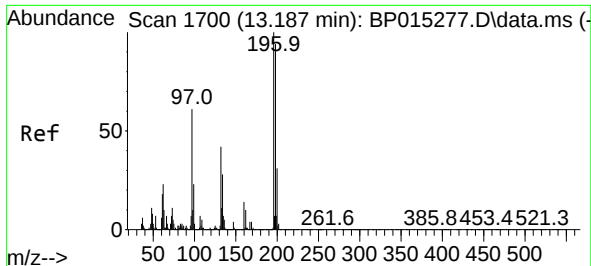
Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

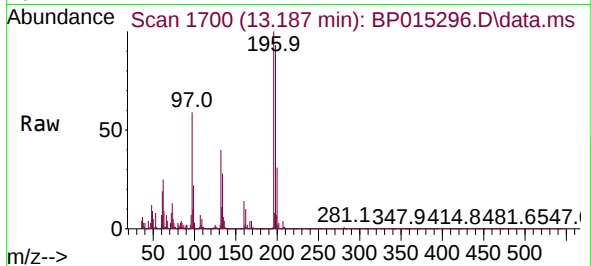
Tgt Ion:	330	Resp:	683449
Ion Ratio	Lower	Upper	
330	100		
332	96.1	76.3	114.5
141	35.5	27.8	41.8





#43
2,4,6-Trichlorophenol
Concen: 6.300 ng
RT: 13.187 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

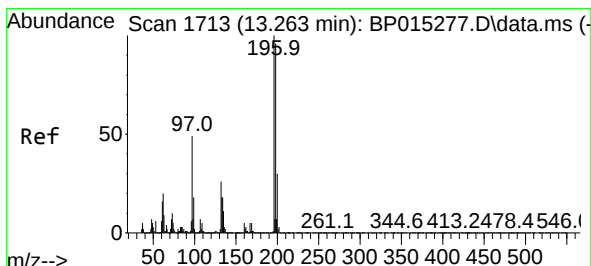
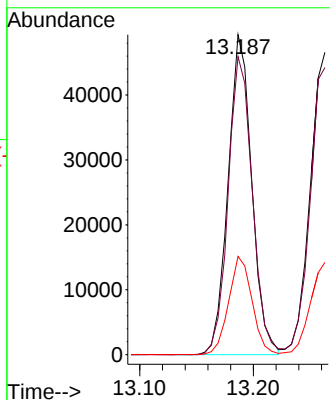
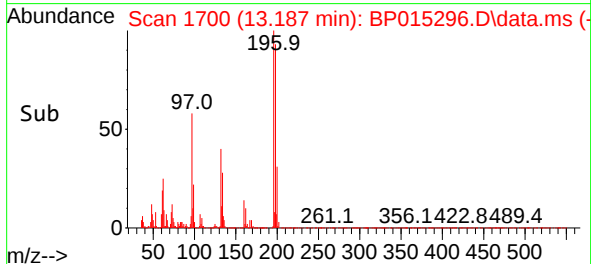
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



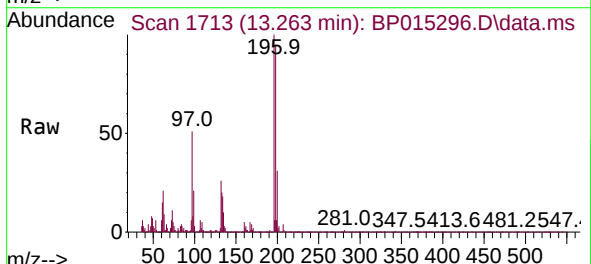
Tgt Ion:196 Resp: 71368
Ion Ratio Lower Upper
196 100
198 93.1 75.0 112.4
200 30.7 24.4 36.6

Manual Integrations
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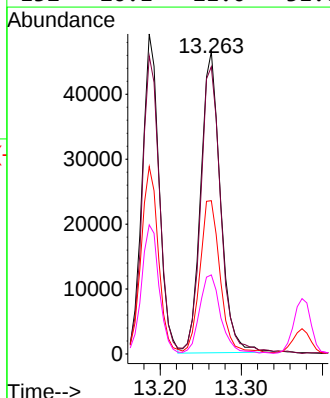
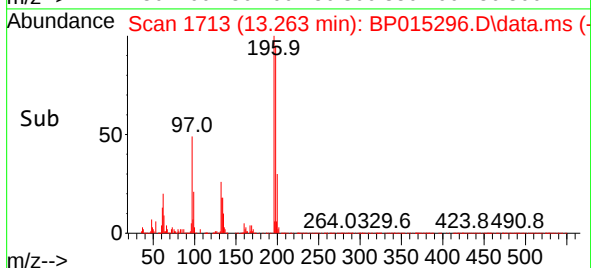
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

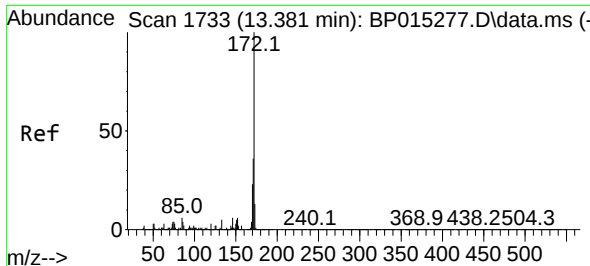


#44
2,4,5-Trichlorophenol
Concen: 5.886 ng
RT: 13.263 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



Tgt Ion:196 Resp: 78384
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
97 50.7 39.3 58.9
132 26.1 21.0 31.6





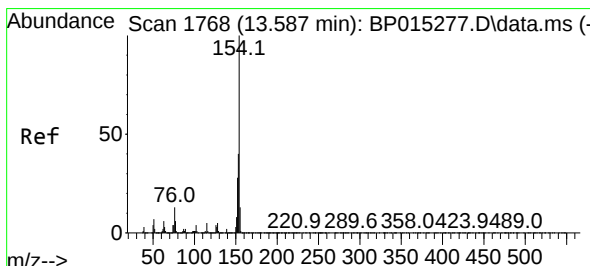
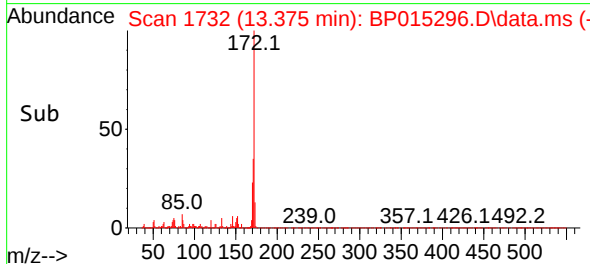
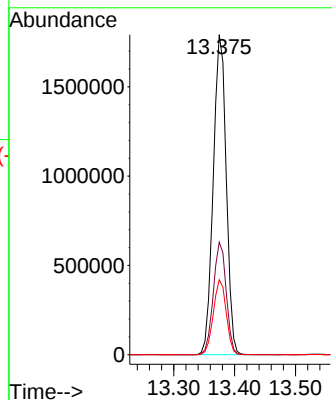
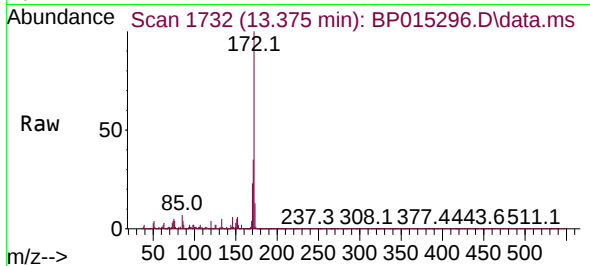
#45
2-Fluorobiphenyl
Concen: 66.845 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:172 Resp: 2648380
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 18.7 28.1

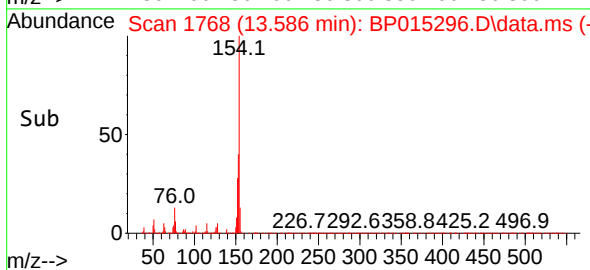
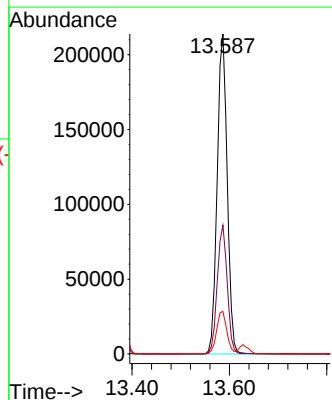
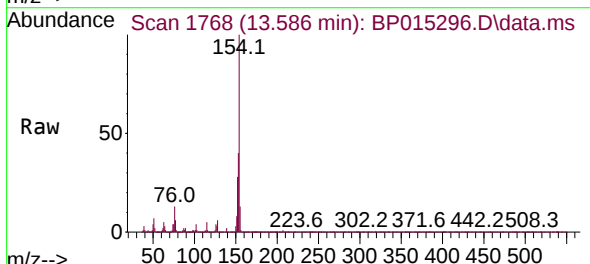
Manual Integrations
APPROVED

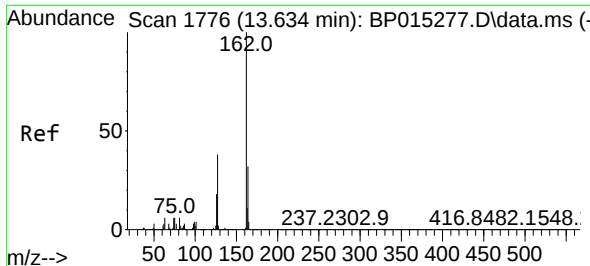
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#46
1,1'-Biphenyl
Concen: 7.223 ng
RT: 13.586 min Scan# 1768
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

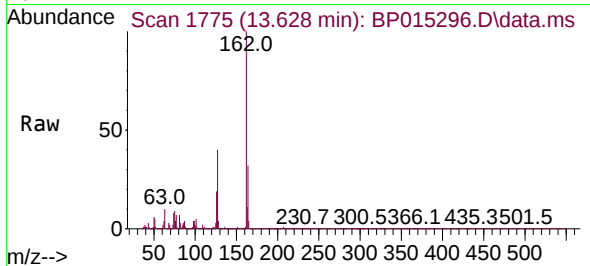
Tgt Ion:154 Resp: 304431
Ion Ratio Lower Upper
154 100
153 40.2 20.3 60.3
76 13.3 0.0 33.1





#47
2-Chloronaphthalene
Concen: 7.276 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

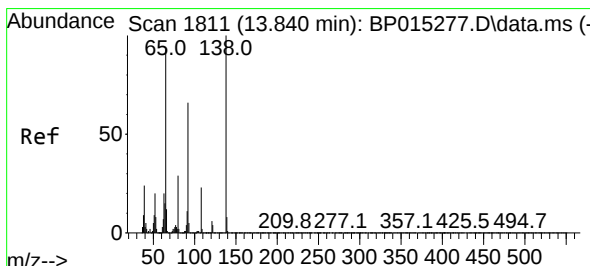
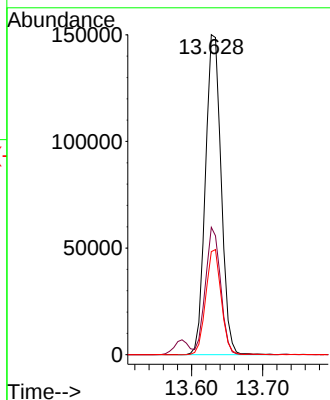
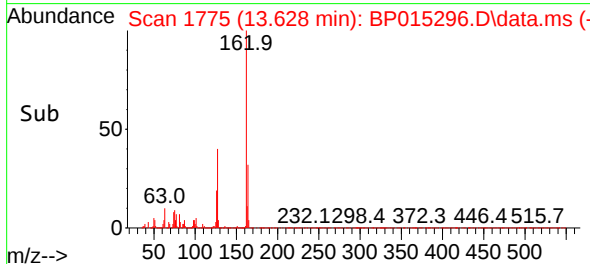
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:162 Resp: 231320
Ion Ratio Lower Upper
162 100
127 39.8 31.7 47.5
164 32.2 25.8 38.8

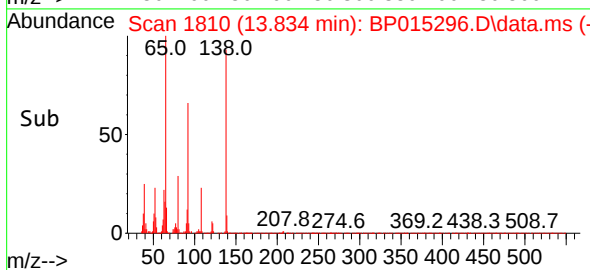
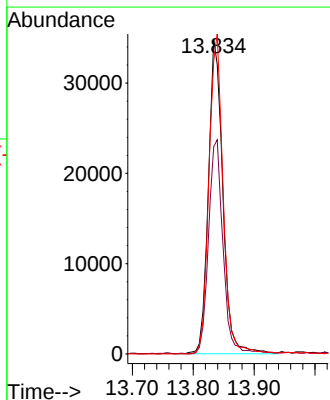
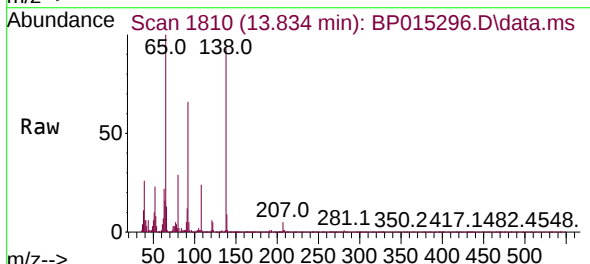
Manual Integrations
APPROVED

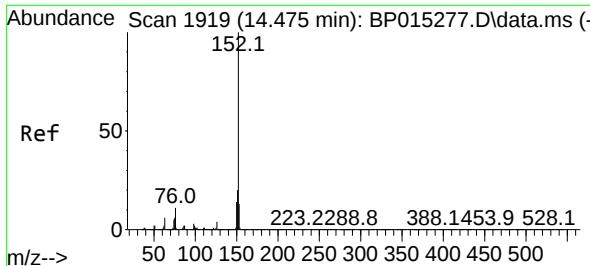
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#48
2-Nitroaniline
Concen: 5.896 ng
RT: 13.834 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

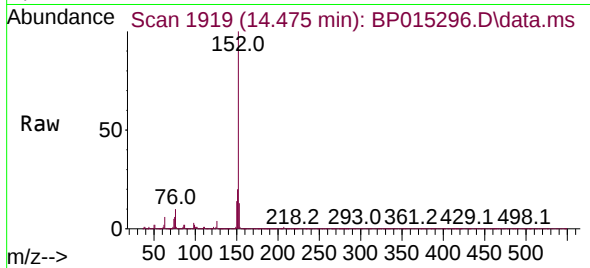
Tgt Ion: 65 Resp: 57261
Ion Ratio Lower Upper
65 100
92 65.8 56.5 84.7
138 93.0 85.7 128.5





#49
Acenaphthylene
Concen: 6.827 ng
RT: 14.475 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

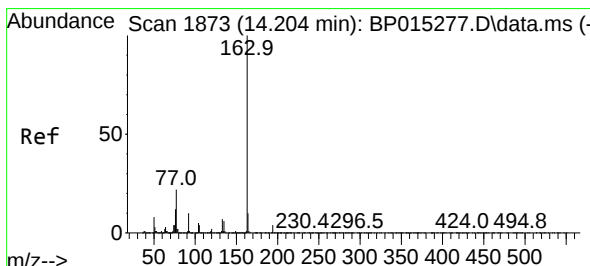
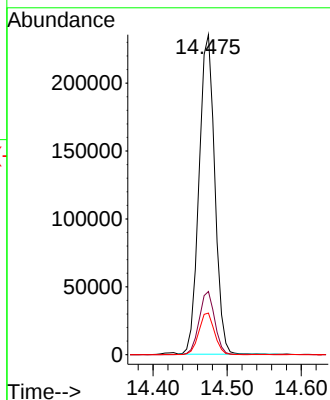
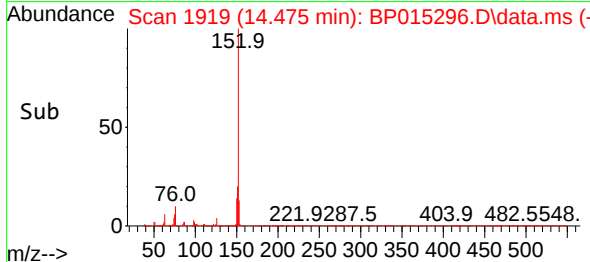
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



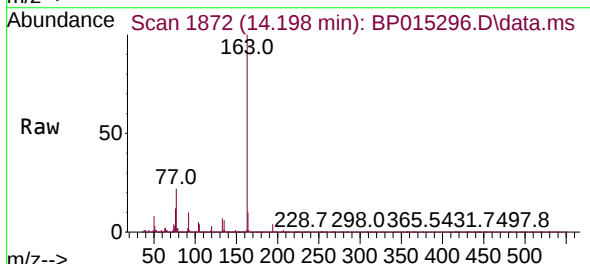
Tgt Ion:152 Resp: 347295
Ion Ratio Lower Upper
152 100
151 19.8 16.0 24.0
153 13.0 10.6 16.0

Manual Integrations
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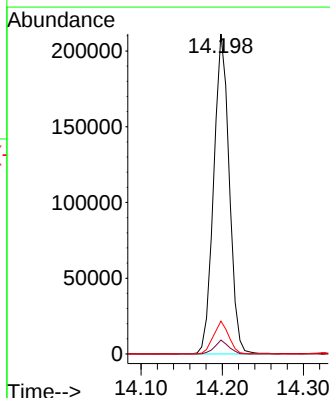
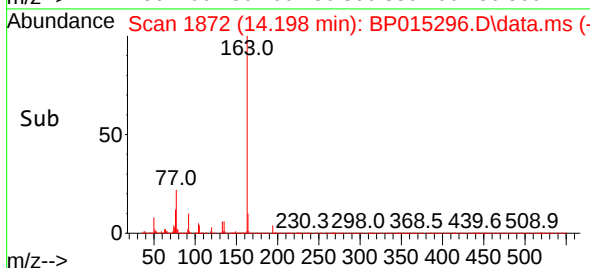
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

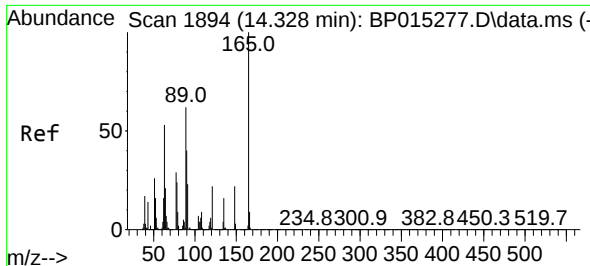


#50
Dimethylphthalate
Concen: 6.764 ng
RT: 14.198 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



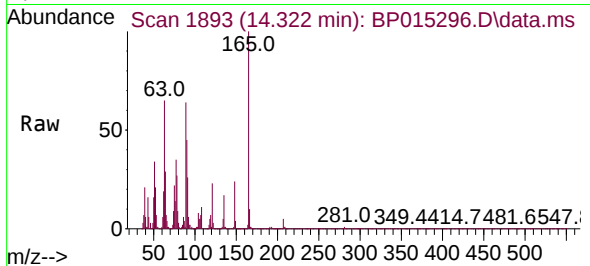
Tgt Ion:163 Resp: 281482
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 6.345 ng
RT: 14.322 min Scan# 1894
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

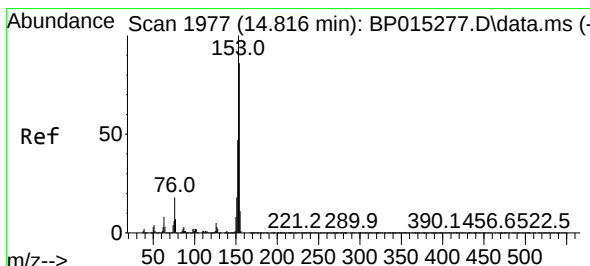
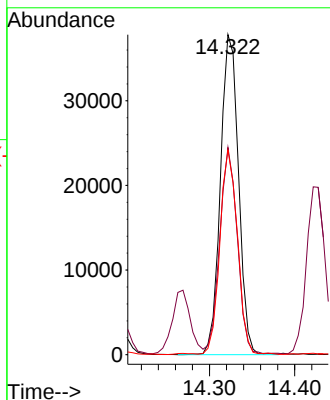
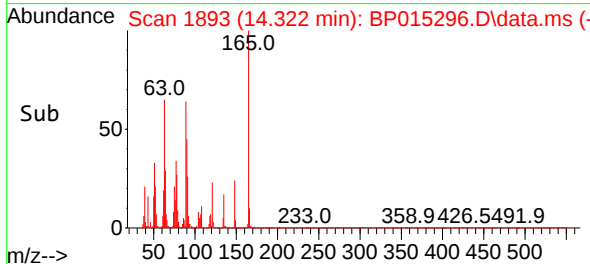
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:165 Resp: 55748
Ion Ratio Lower Upper
165 100
63 64.8 46.6 70.0
89 64.0 49.7 74.5

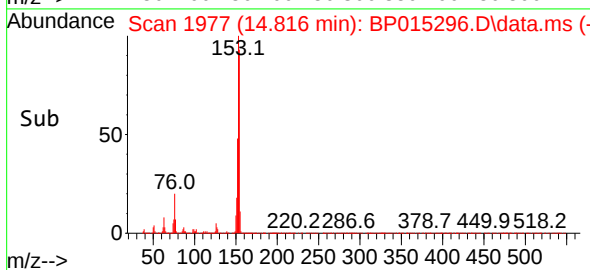
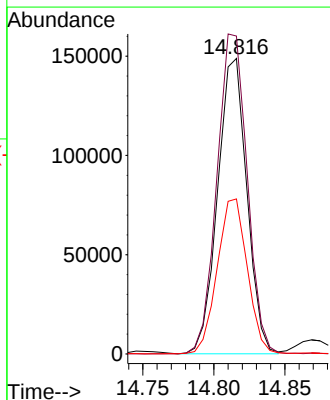
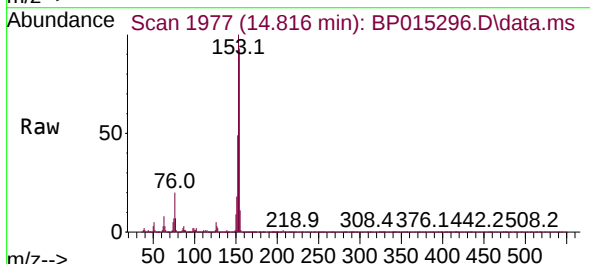
Manual Integrations
APPROVED

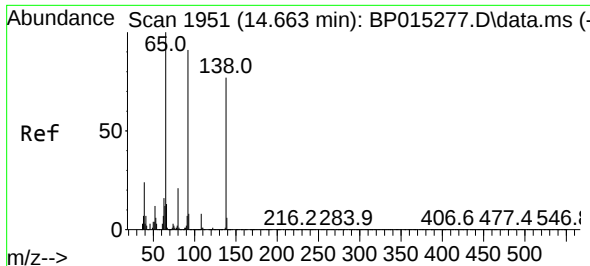
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#52
Acenaphthene
Concen: 7.044 ng
RT: 14.816 min Scan# 1977
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

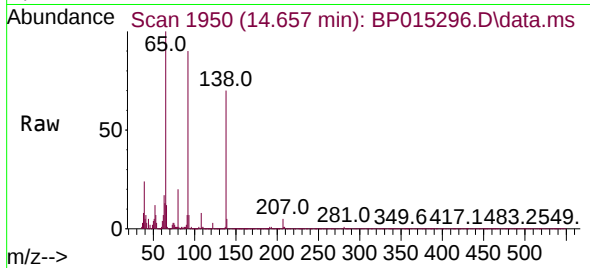
Tgt Ion:154 Resp: 213436
Ion Ratio Lower Upper
154 100
153 107.6 92.8 139.2
152 52.5 44.0 66.0





#53
3-Nitroaniline
Concen: 5.789 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

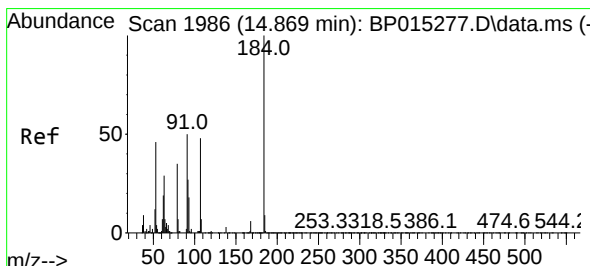
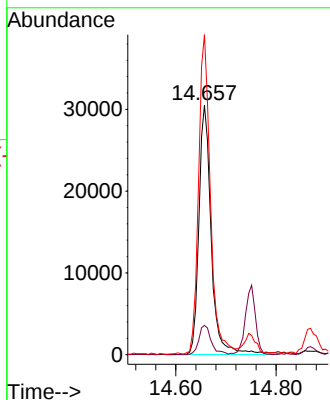
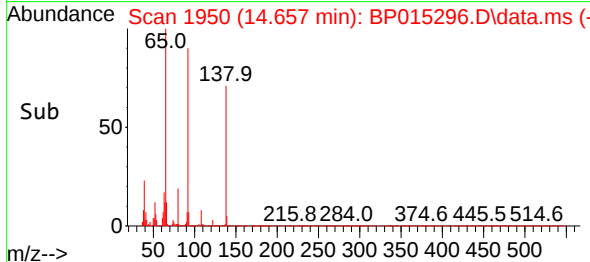
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:138 Resp: 51980
Ion Ratio Lower Upper
138 100
108 11.7 8.6 13.0
92 128.2 94.0 141.0

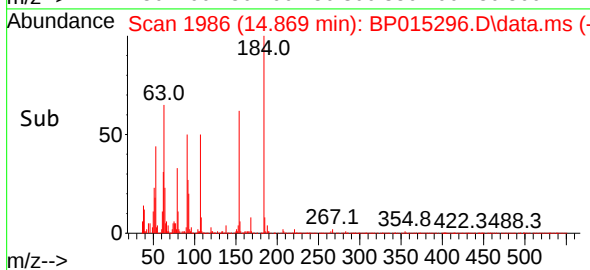
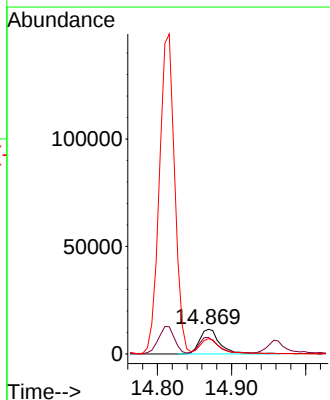
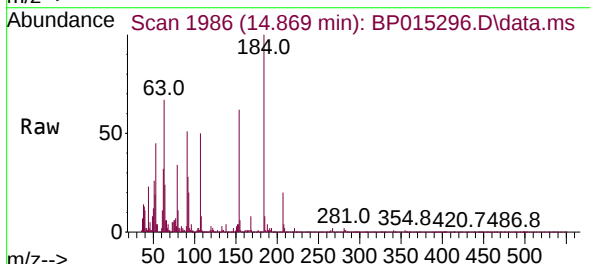
Manual Integrations
APPROVED

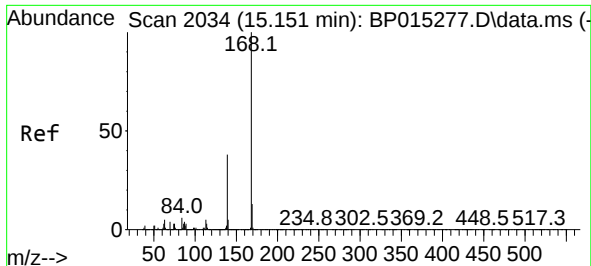
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#54
2,4-Dinitrophenol
Concen: 8.667 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:184 Resp: 21998
Ion Ratio Lower Upper
184 100
63 67.0 56.2 84.4
154 61.9 53.2 79.8





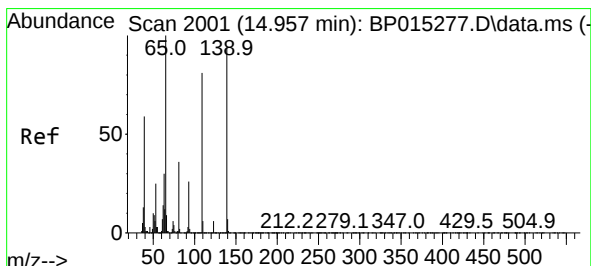
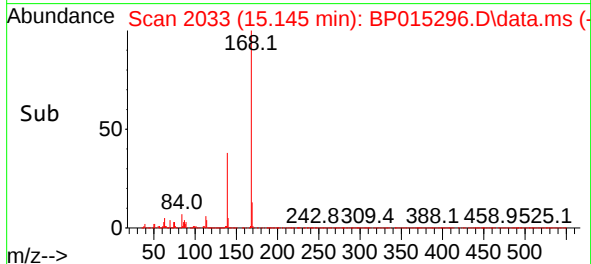
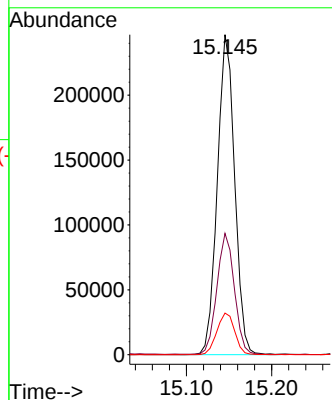
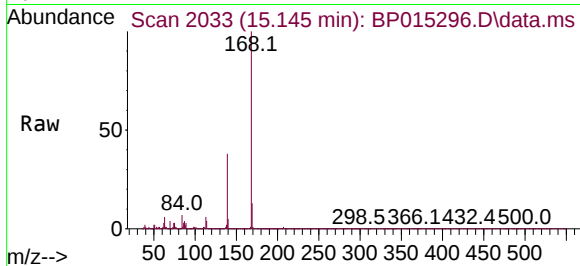
#55
Dibenzenofuran
Concen: 7.048 ng
RT: 15.145 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:168 Resp: 34932
Ion Ratio Lower Upper
168 100
139 37.9 30.1 45.1
169 13.0 10.6 15.8

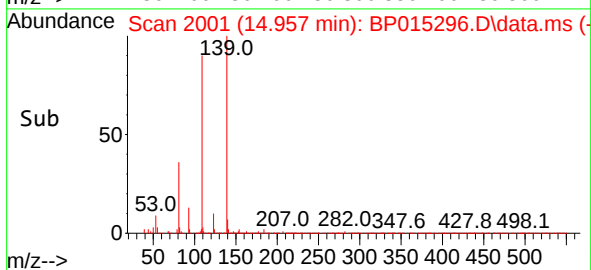
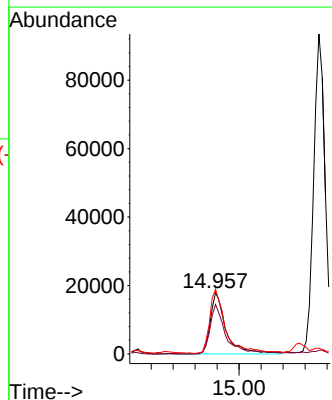
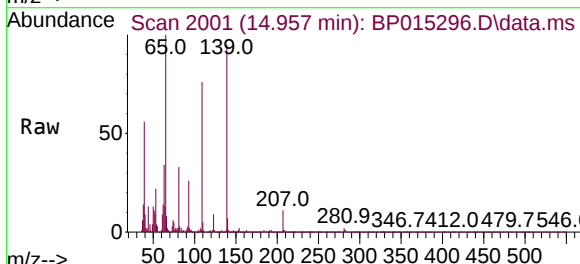
Manual Integrations
APPROVED

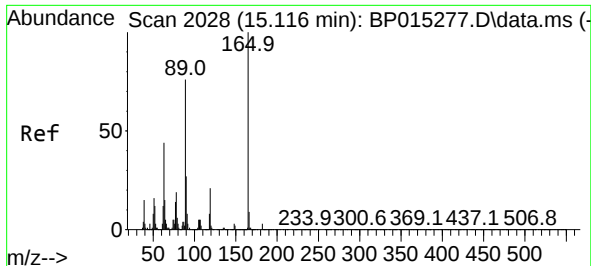
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#56
4-Nitrophenol
Concen: 7.707 ng
RT: 14.957 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:139 Resp: 35259
Ion Ratio Lower Upper
139 100
109 80.3 66.5 106.5
65 105.4 86.6 126.6





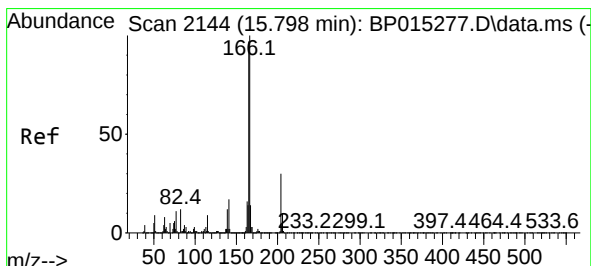
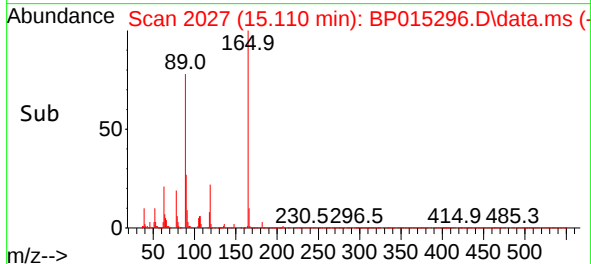
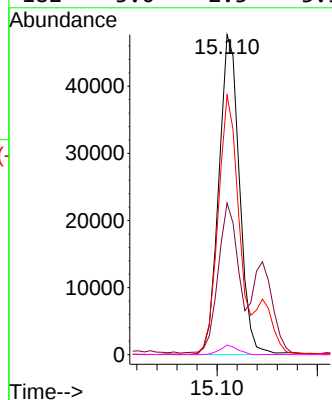
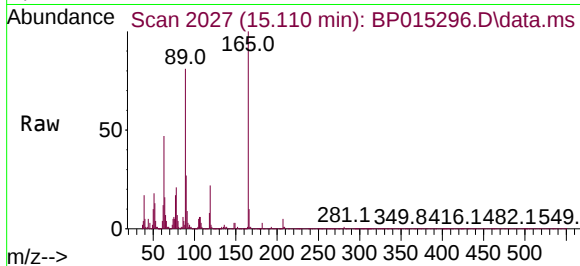
#57
2,4-Dinitrotoluene
Concen: 5.848 ng
RT: 15.110 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:165 Resp: 6756
Ion Ratio Lower Upper
165 100
63 47.4 35.7 53.5
89 81.1 60.8 91.2
182 3.0 2.3 3.5

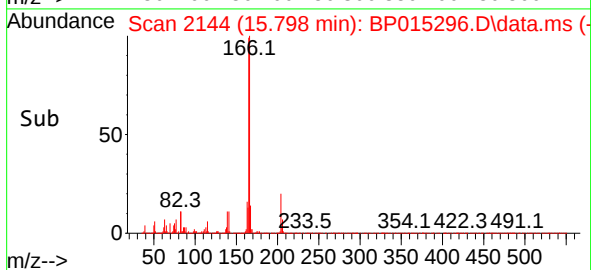
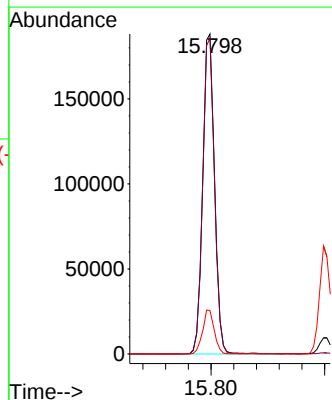
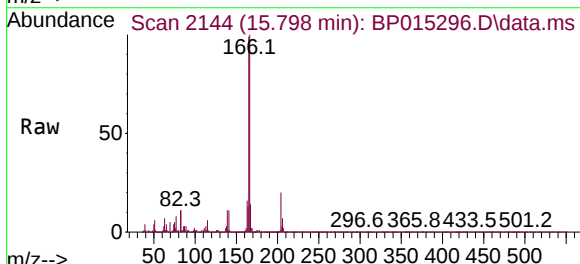
Manual Integrations
APPROVED

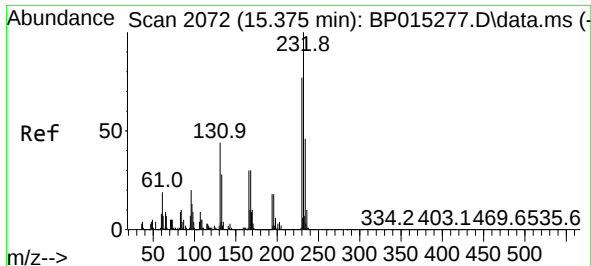
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#58
Fluorene
Concen: 7.071 ng
RT: 15.798 min Scan# 2144
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:166 Resp: 270694
Ion Ratio Lower Upper
166 100
165 98.7 77.5 116.3
167 13.6 10.9 16.3





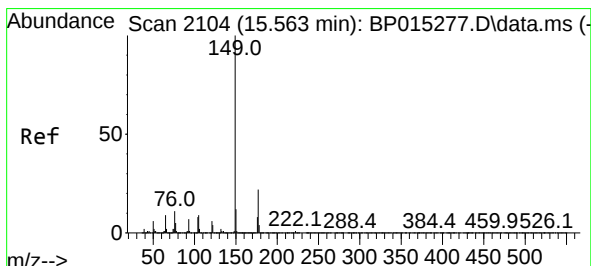
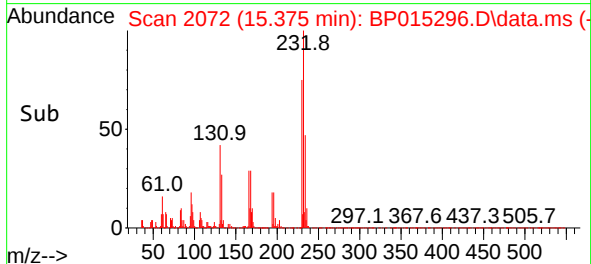
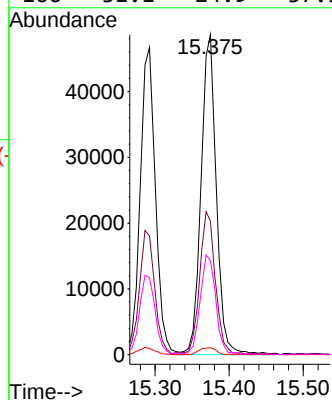
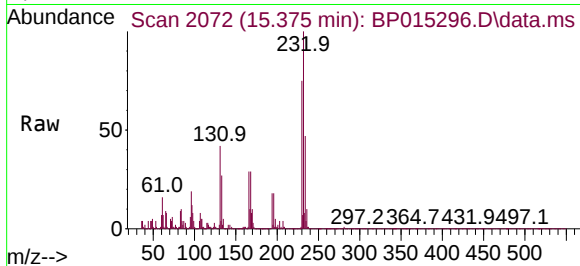
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.566 ng
RT: 15.375 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:232 Resp: 69934
Ion Ratio Lower Upper
232 100
131 45.0 36.2 54.2
130 2.5 2.0 3.0
166 31.1 24.9 37.3

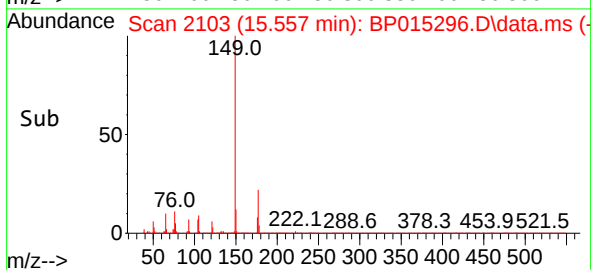
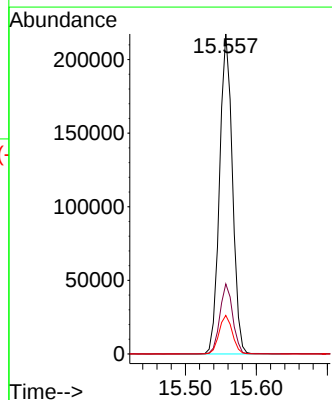
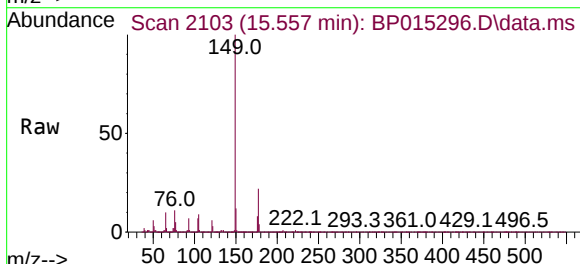
Manual Integrations
APPROVED

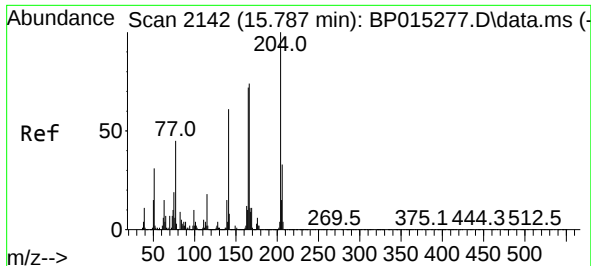
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#60
Diethylphthalate
Concen: 6.555 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

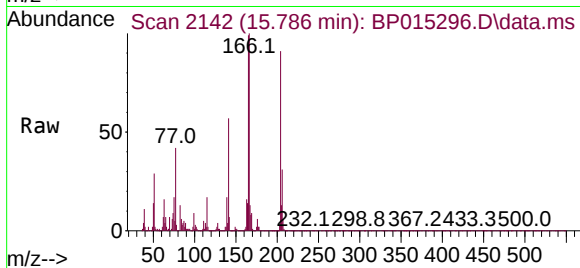
Tgt Ion:149 Resp: 271729
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.0 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 6.950 ng
RT: 15.786 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

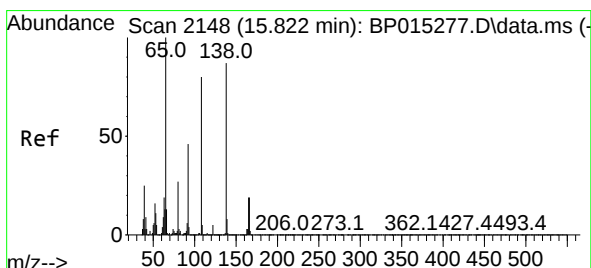
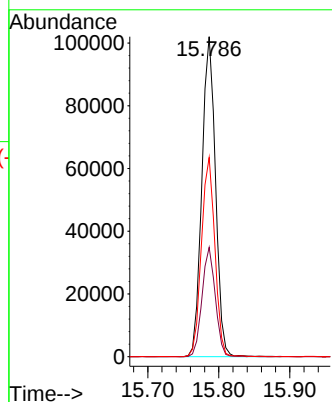
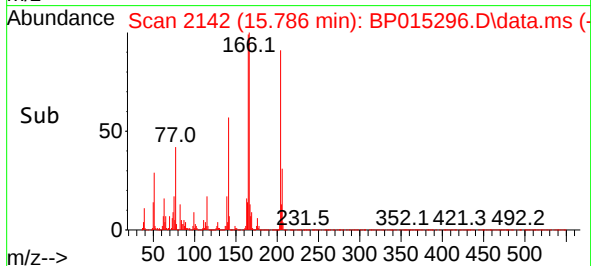
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion: 204 Resp: 136218
Ion Ratio Lower Upper
204 100
206 34.2 26.4 39.6
141 62.3 49.0 73.4

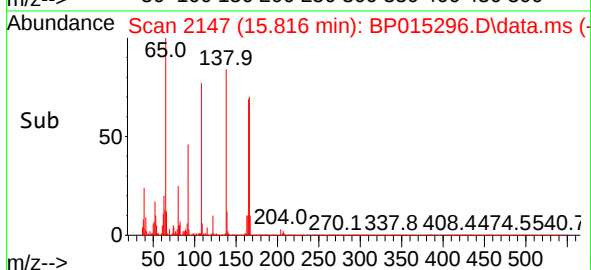
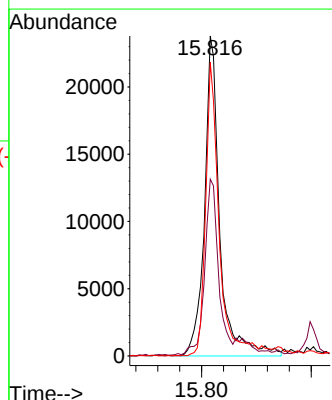
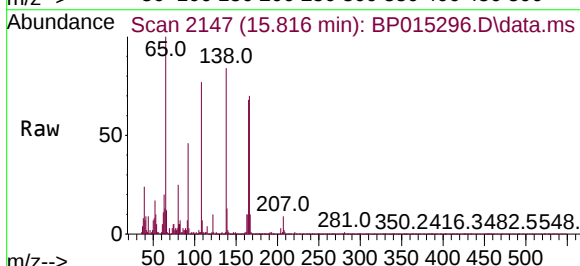
Manual Integrations
APPROVED

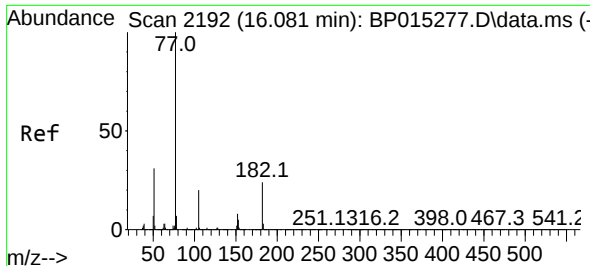
Reviewed By : Christian Giraldo 05/26/2023
Supervised By : Jagrut Upadhyay 05/26/2023



#62
4-Nitroaniline
Concen: 6.864 ng m
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion: 138 Resp: 46236
Ion Ratio Lower Upper
138 100
92 55.2 33.1 73.1
108 91.7 71.0 111.0





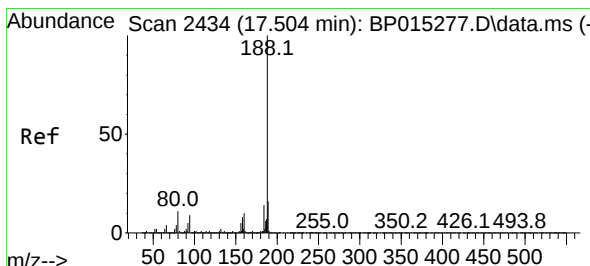
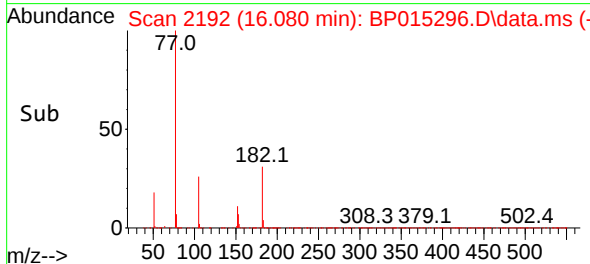
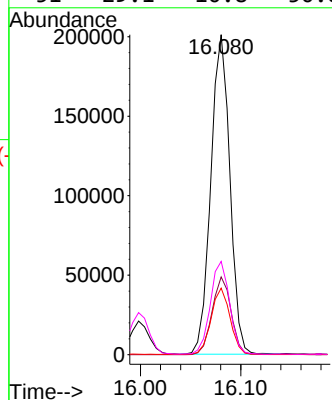
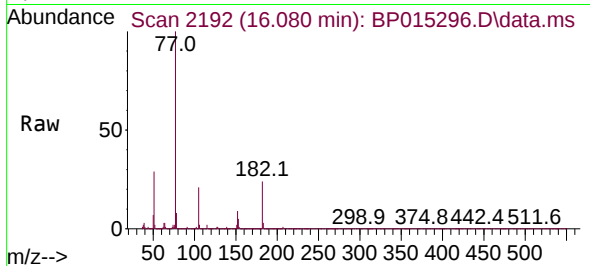
#63
Azobenzene
Concen: 6.711 ng
RT: 16.080 min Scan# 2192
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 77 Resp: 265380
Ion Ratio Lower Upper
77 100
182 24.3 3.9 43.9
105 20.8 0.3 40.3
51 29.1 10.8 50.8

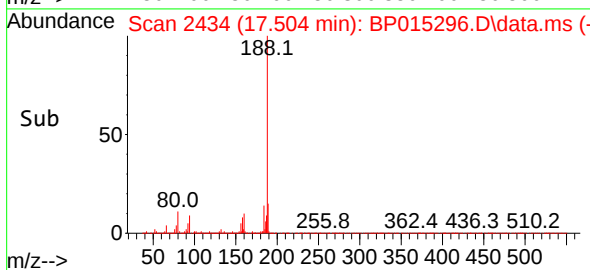
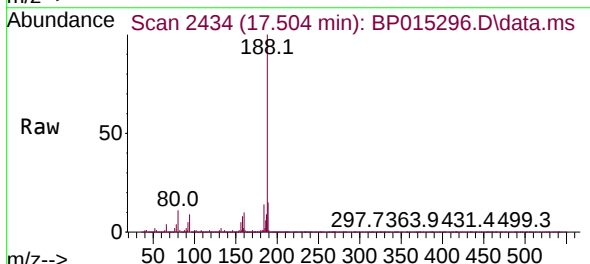
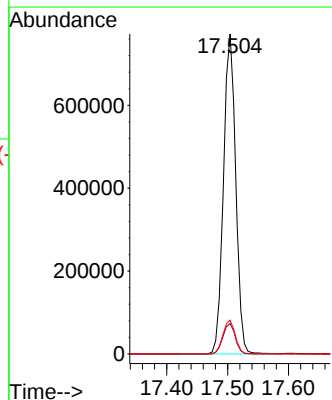
Manual Integrations
APPROVED

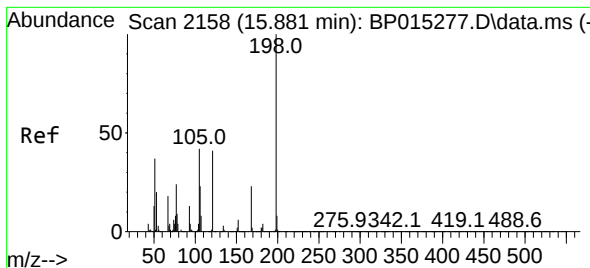
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:188 Resp: 1077242
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.5 8.6 13.0





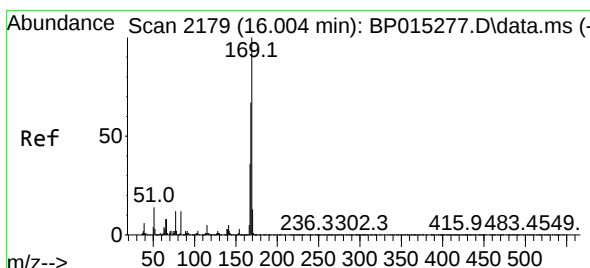
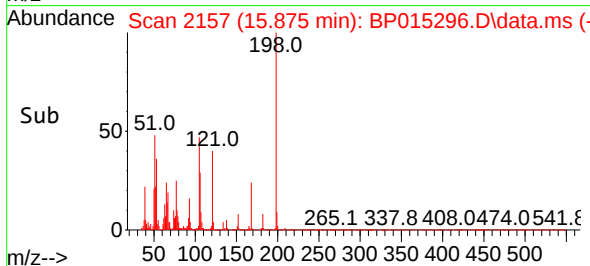
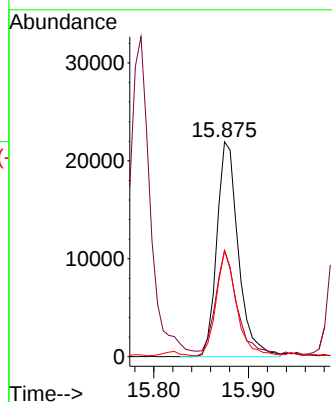
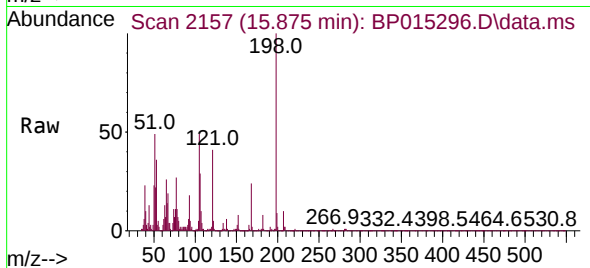
#65
4,6-Dinitro-2-methylphenol
Concen: 5.273 ng
RT: 15.875 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:198 Resp: 34498
Ion Ratio Lower Upper
198 100
51 49.5 25.4 65.4
105 49.4 23.3 63.3

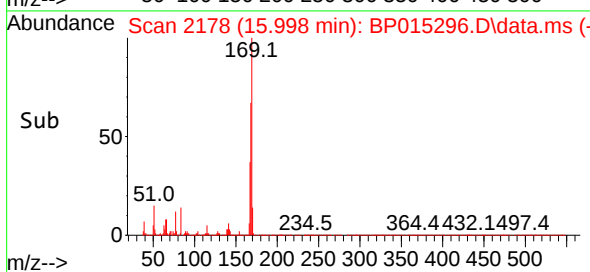
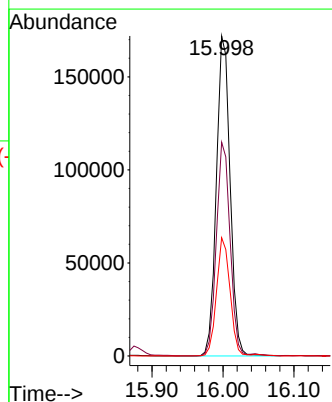
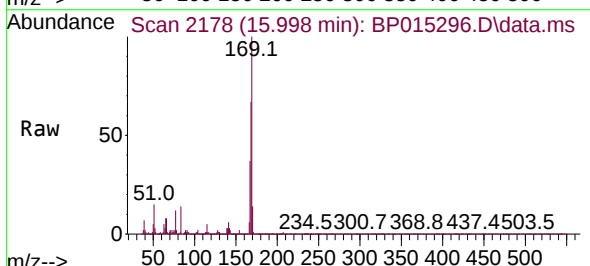
Manual Integrations
APPROVED

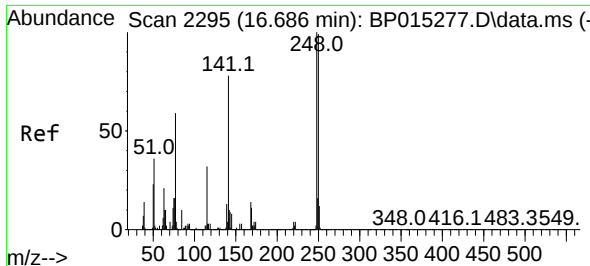
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#66
n-Nitrosodiphenylamine
Concen: 7.176 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

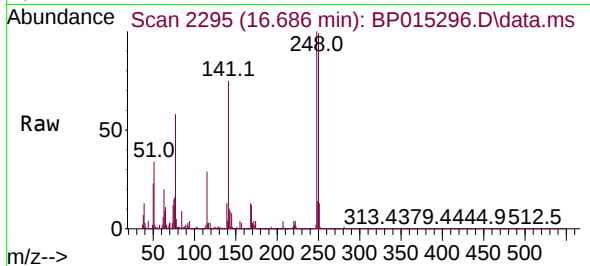
Tgt Ion:169 Resp: 230341
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 37.0 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 6.866 ng
RT: 16.686 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

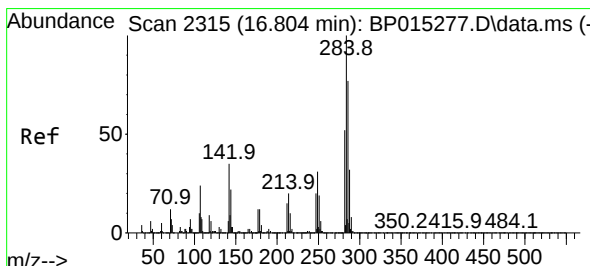
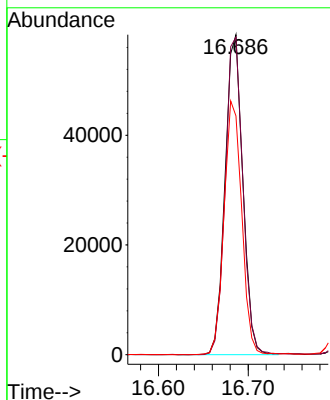
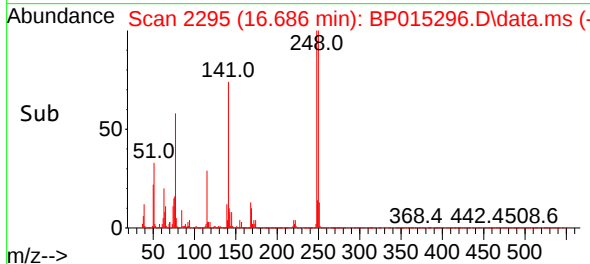
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:248 Resp: 79972
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 74.6 62.4 93.6

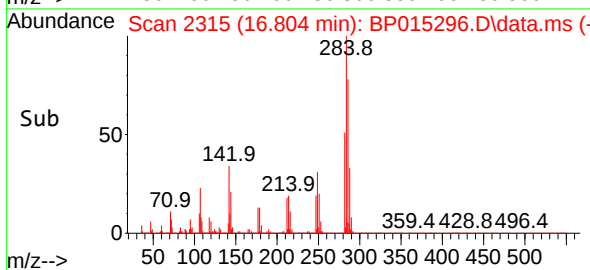
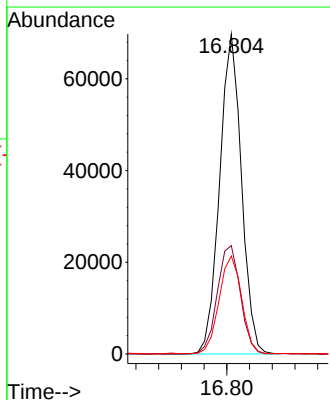
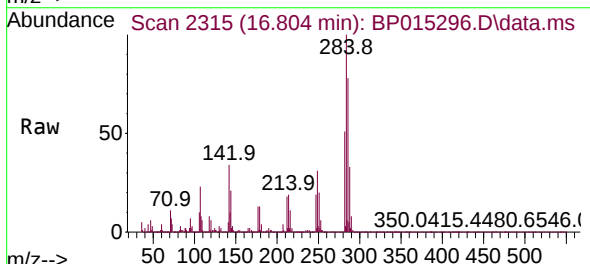
Manual Integrations
APPROVED

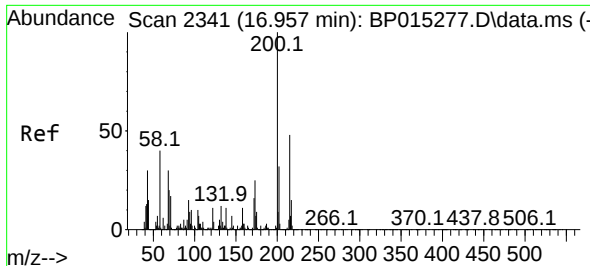
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#68
Hexachlorobenzene
Concen: 7.252 ng
RT: 16.804 min Scan# 2315
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

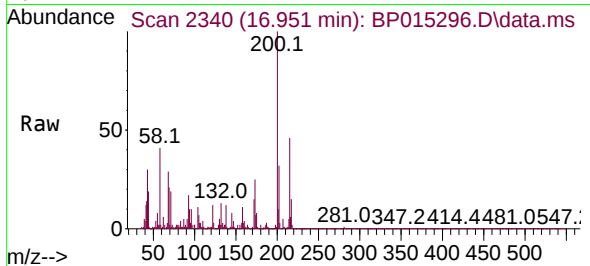
Tgt Ion:284 Resp: 93019
Ion Ratio Lower Upper
284 100
142 33.8 28.2 42.2
249 30.6 25.0 37.6





#69
Atrazine
Concen: 7.253 ng
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

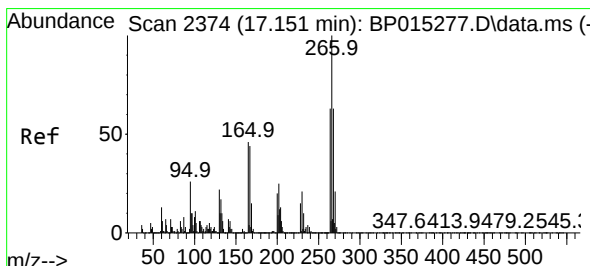
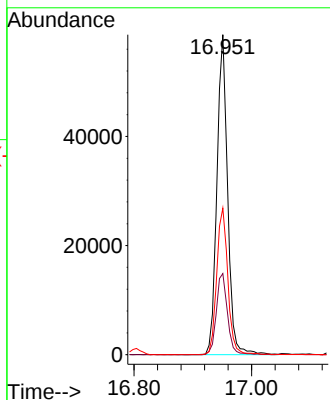
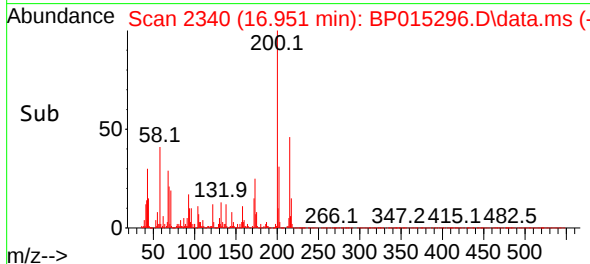
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



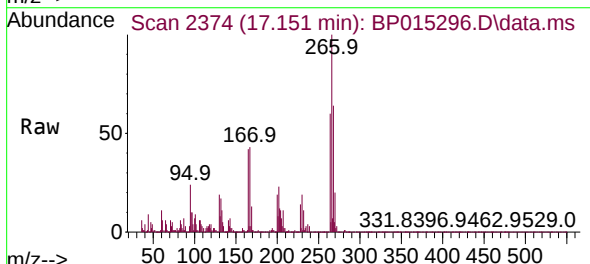
Tgt Ion:200 Resp: 74339
Ion Ratio Lower Upper
200 100
173 25.4 4.7 44.7
215 45.8 27.5 67.5

Manual Integrations
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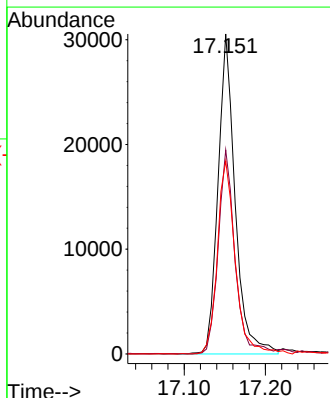
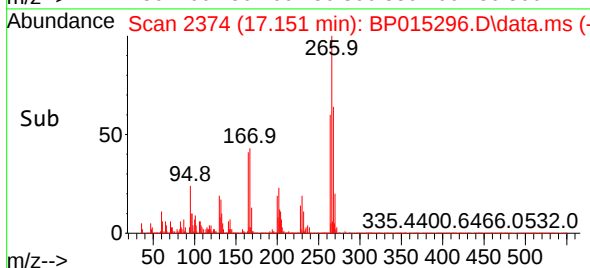
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

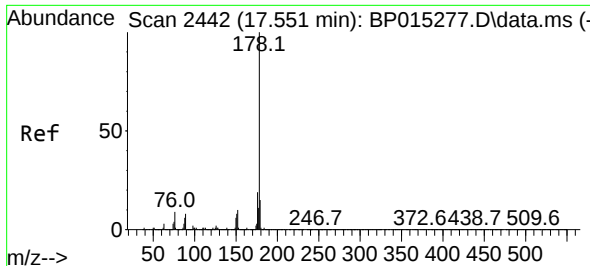


#70
Pentachlorophenol
Concen: 5.107 ng
RT: 17.151 min Scan# 2374
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45



Tgt Ion:266 Resp: 44897
Ion Ratio Lower Upper
266 100
268 63.7 50.0 75.0
264 60.3 50.4 75.6





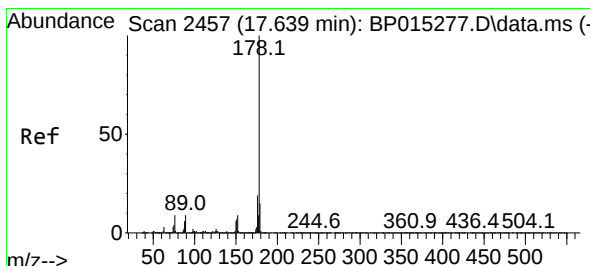
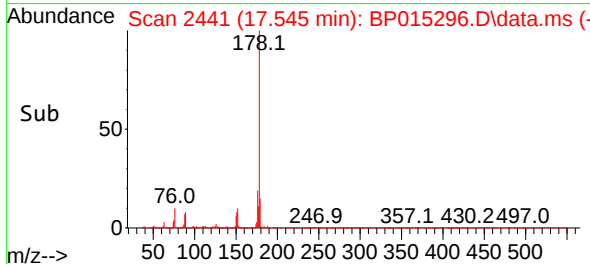
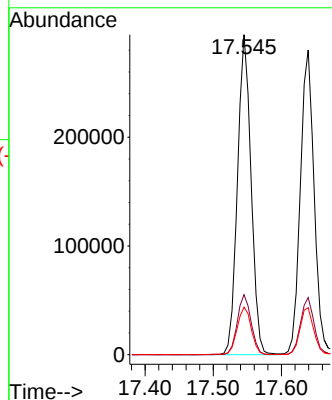
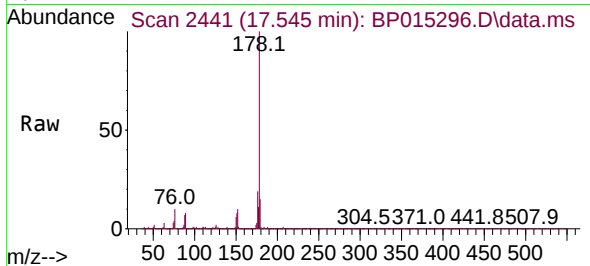
#71
Phenanthrene
Concen: 7.099 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:178 Resp: 407559
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 14.9 12.3 18.5

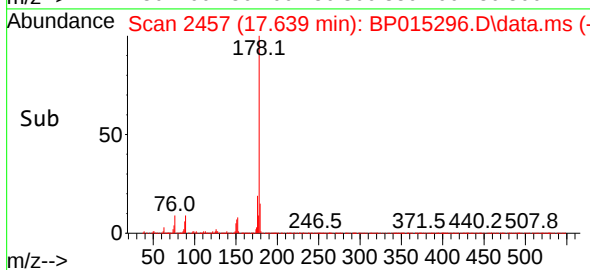
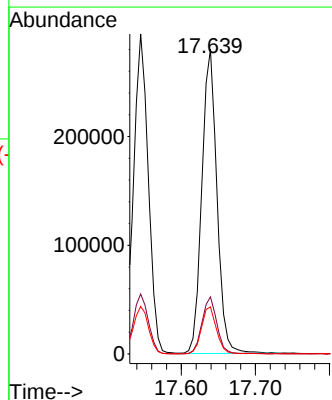
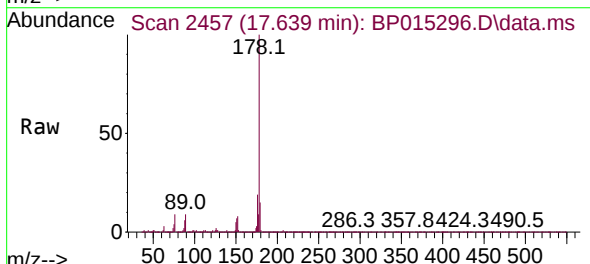
Manual Integrations
APPROVED

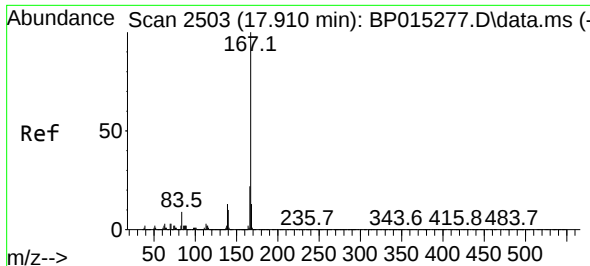
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#72
Anthracene
Concen: 6.889 ng
RT: 17.639 min Scan# 2457
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:178 Resp: 396146
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.4 12.2 18.4





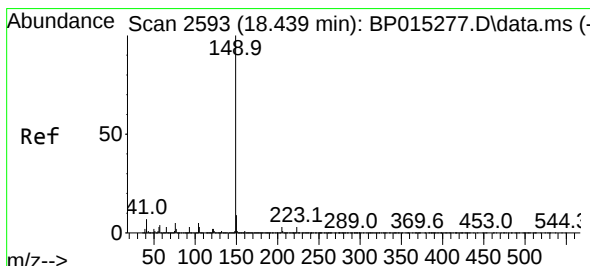
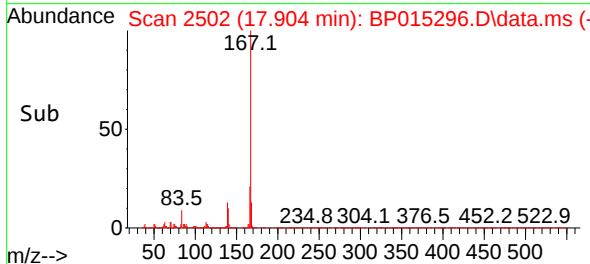
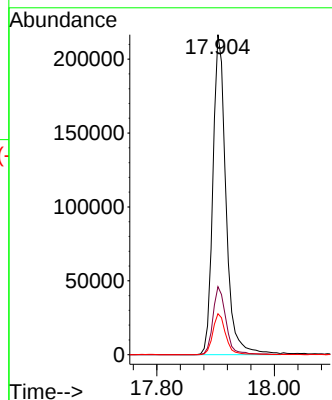
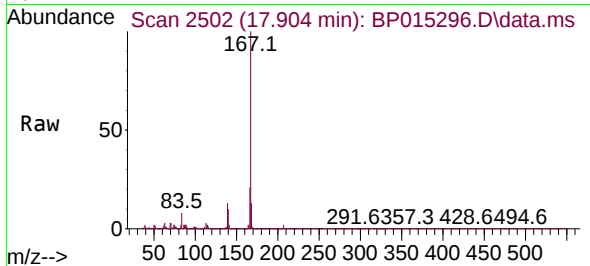
#73
 Carbazole
 Concen: 6.565 ng
 RT: 17.904 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP015296.D
 Acq: 25 May 2023 17:45

Instrument : BNA_P
 ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion:167 Resp: 334270
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.8 10.2 15.2

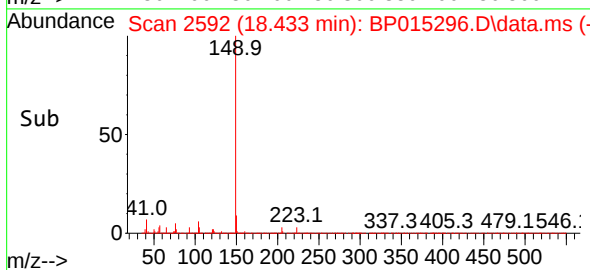
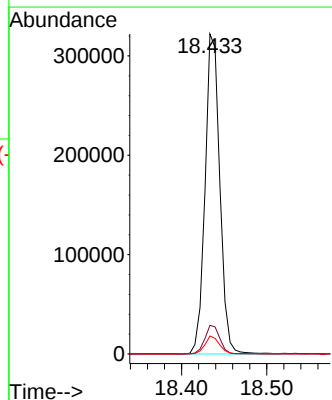
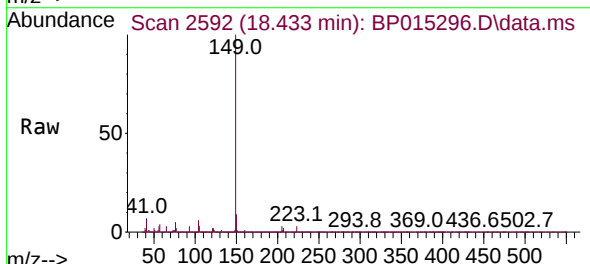
Manual Integrations
 APPROVED

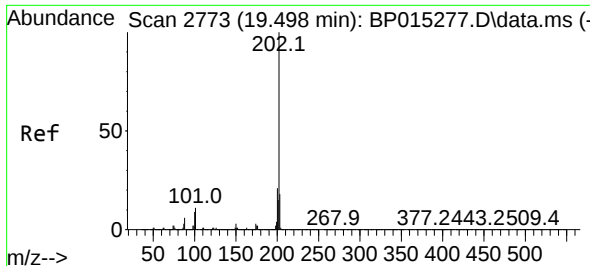
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#74
 Di-n-butylphthalate
 Concen: 5.908 ng
 RT: 18.433 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BP015296.D
 Acq: 25 May 2023 17:45

Tgt Ion:149 Resp: 386328
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 5.6 4.4 6.6





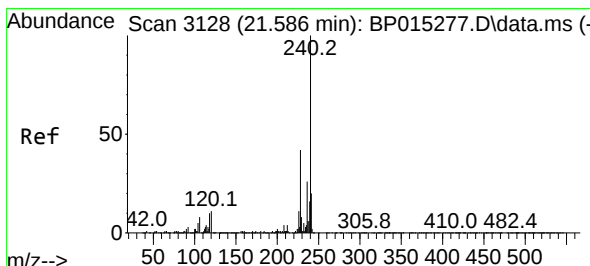
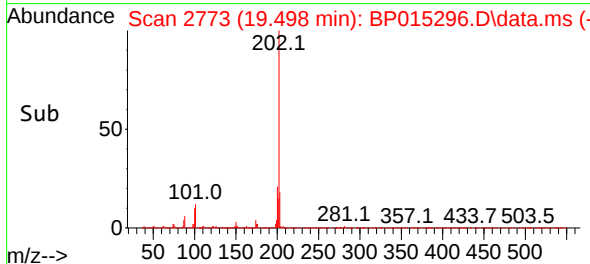
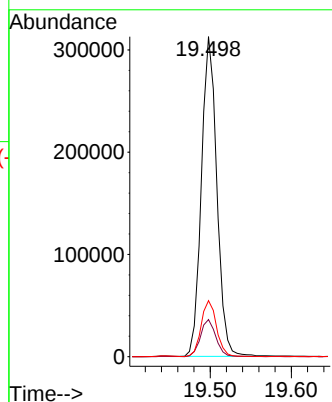
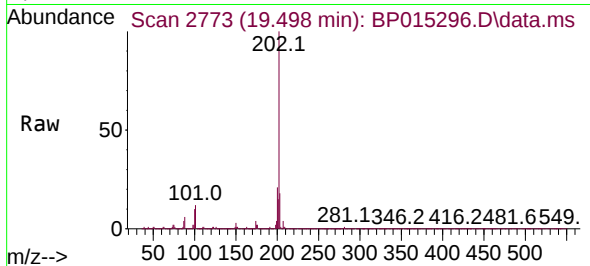
#75
Fluoranthene
Concen: 6.172 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:202 Resp: 413960
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 17.5 0.0 37.6

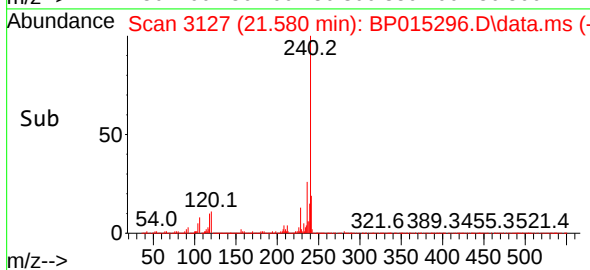
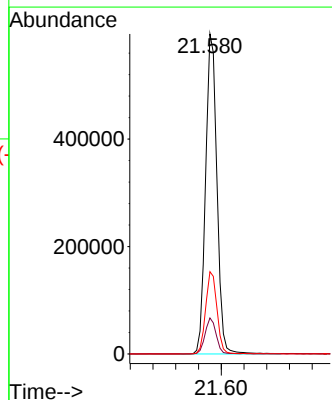
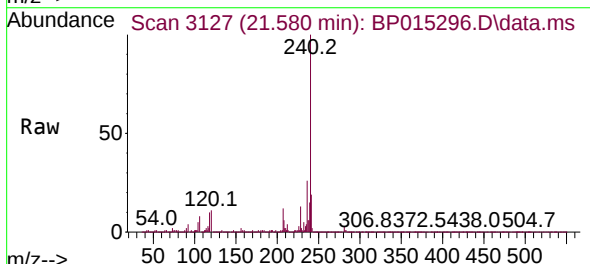
Manual Integrations
APPROVED

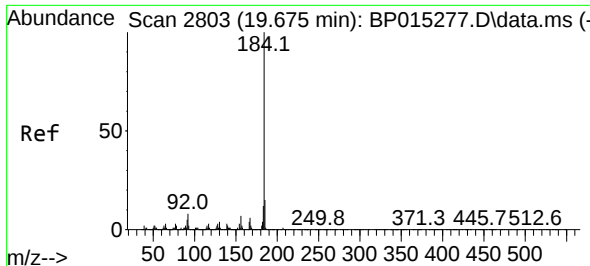
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

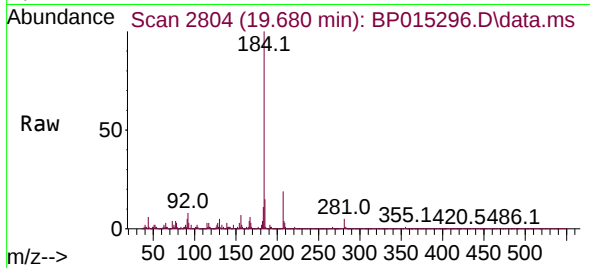
Tgt Ion:240 Resp: 822346
Ion Ratio Lower Upper
240 100
120 11.3 8.8 13.2
236 25.7 20.5 30.7





#77
Benzidine
Concen: 11.937 ng
RT: 19.680 min Scan# 2804
Delta R.T. 0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

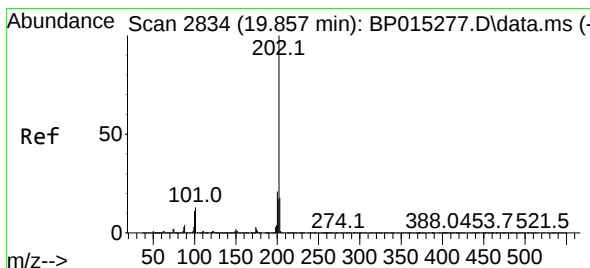
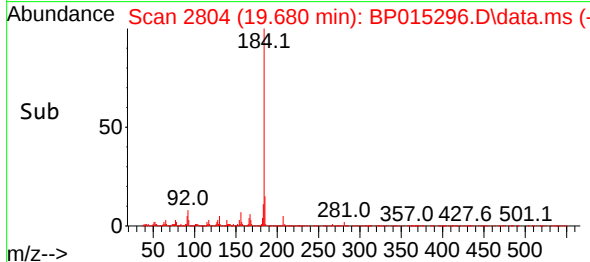
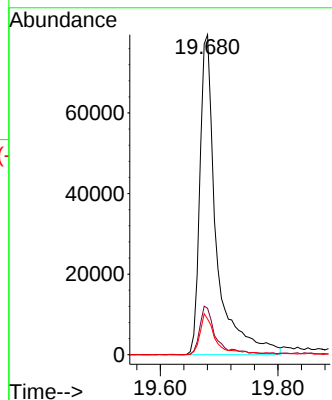
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2023



Tgt Ion:184 Resp: 15544
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.2 9.4 14.0

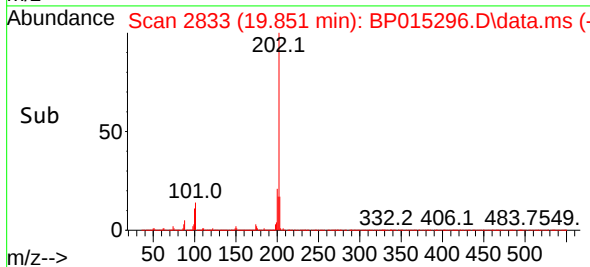
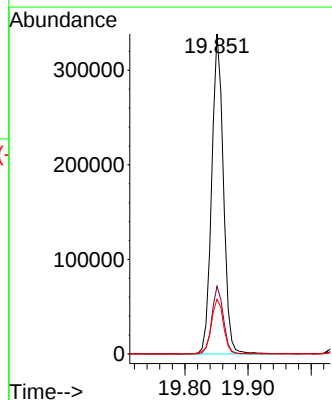
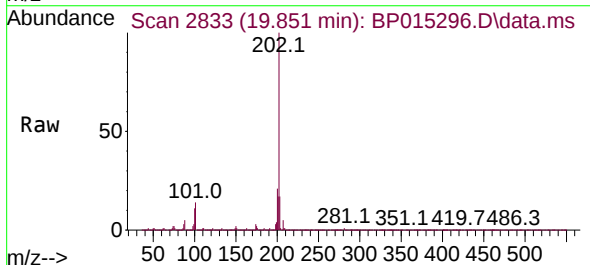
Manual Integrations
APPROVED

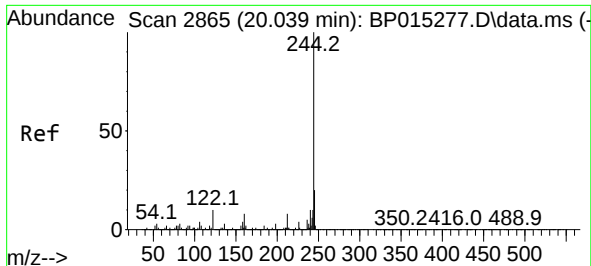
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#78
Pyrene
Concen: 7.369 ng
RT: 19.851 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:202 Resp: 433608
Ion Ratio Lower Upper
202 100
200 21.2 17.1 25.7
203 17.1 14.2 21.2





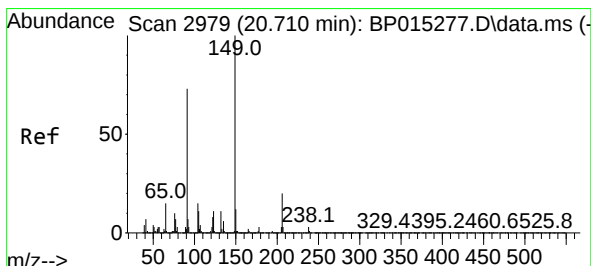
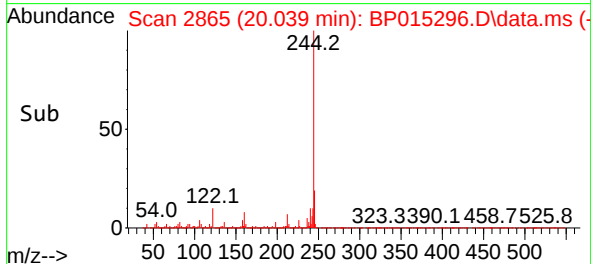
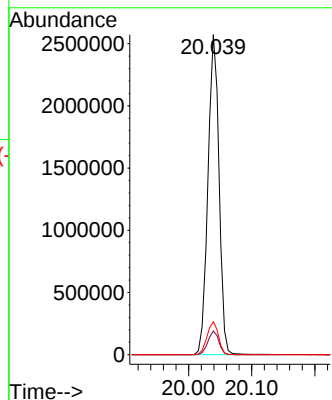
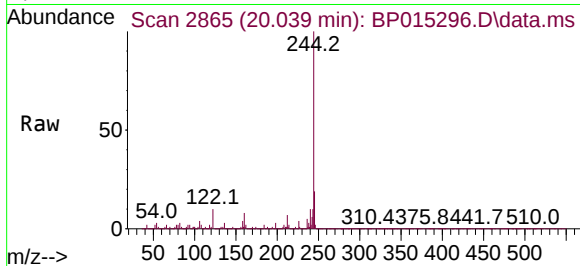
#79
 Terphenyl-d14
 Concen: 71.572 ng
 RT: 20.039 min Scan# 2865
 Delta R.T. -0.000 min
 Lab File: BP015296.D
 Acq: 25 May 2023 17:45

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Tgt Ion:244 Resp: 3129100
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.3 8.2 12.4

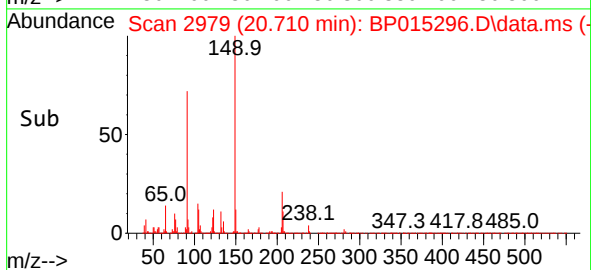
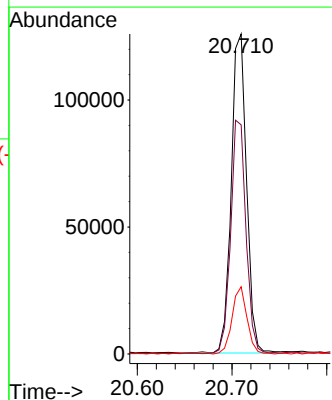
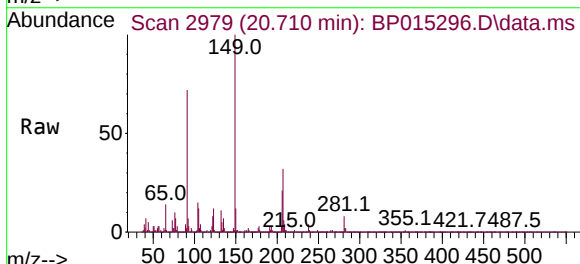
Manual Integrations
 APPROVED

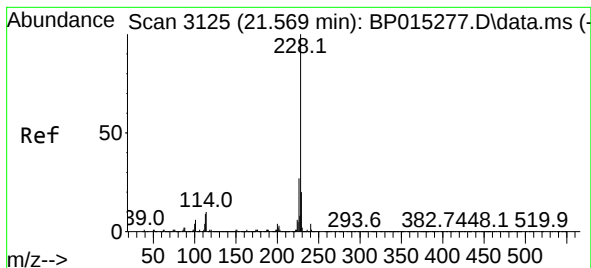
Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#80
 Butylbenzylphthalate
 Concen: 5.638 ng
 RT: 20.710 min Scan# 2979
 Delta R.T. -0.000 min
 Lab File: BP015296.D
 Acq: 25 May 2023 17:45

Tgt Ion:149 Resp: 140582
 Ion Ratio Lower Upper
 149 100
 91 71.6 58.2 87.2
 206 21.0 16.2 24.4





#81

Benzo(a)anthracene

Concen: 6.758 ng

RT: 21.563 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

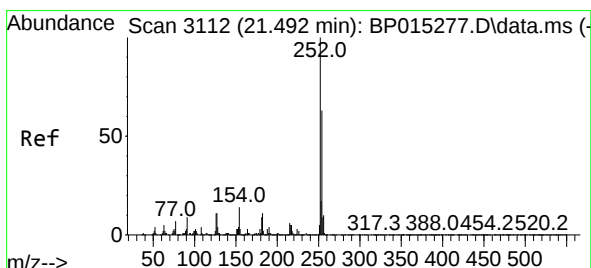
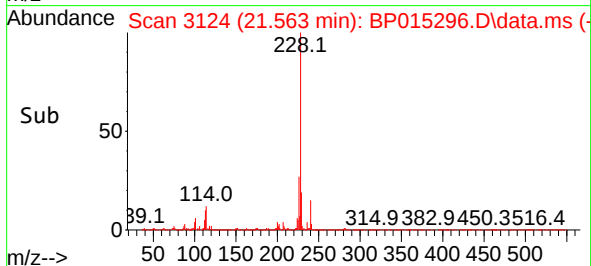
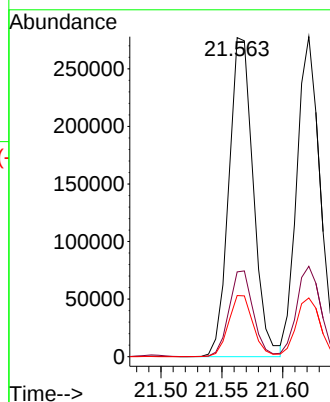
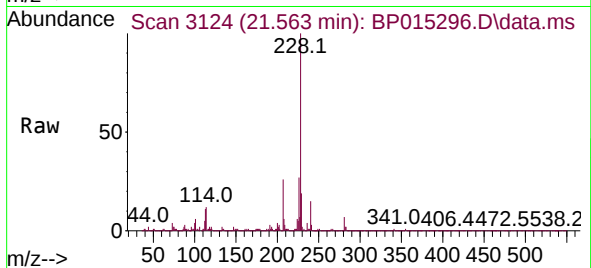
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:228 Resp: 38612
 Ion Ratio Lower Upper
 228 100
 226 26.6 21.7 32.5
 229 19.2 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#82

3,3'-Dichlorobenzidine

Concen: 7.389 ng

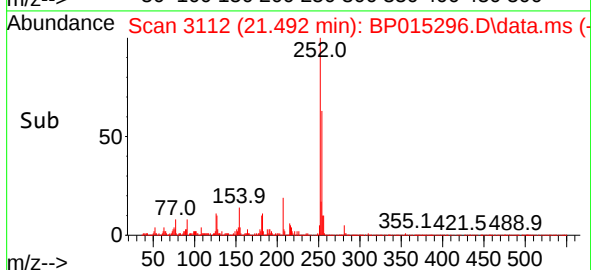
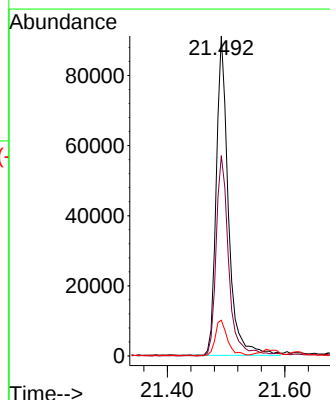
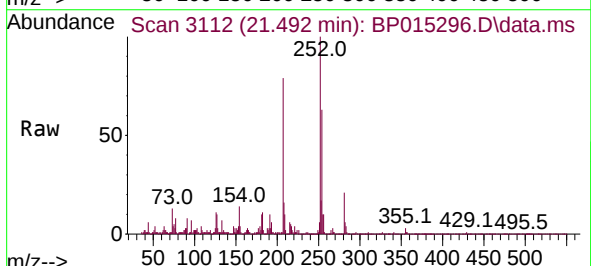
RT: 21.492 min Scan# 3112

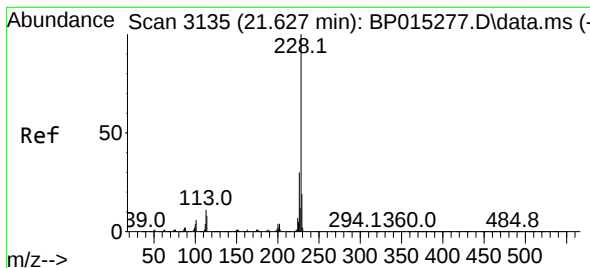
Delta R.T. -0.000 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Tgt Ion:252 Resp: 130407
 Ion Ratio Lower Upper
 252 100
 254 62.6 50.7 76.1
 126 11.1 8.7 13.1





#83

Chrysene

Concen: 6.789 ng

RT: 21.621 min Scan# 3135

Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

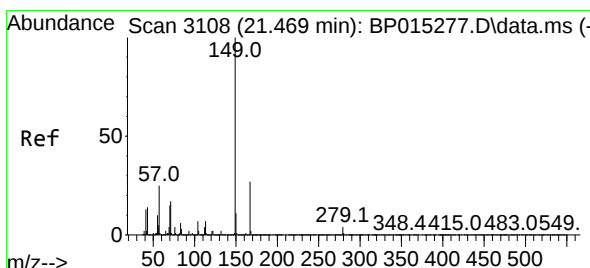
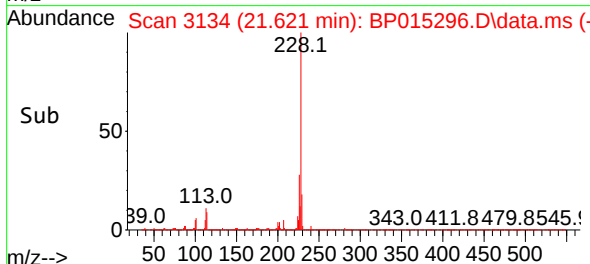
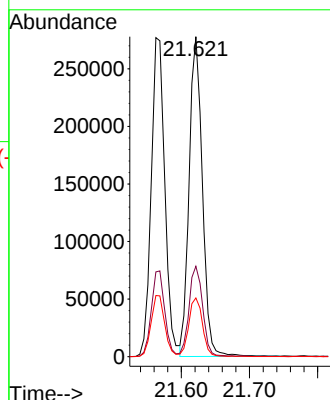
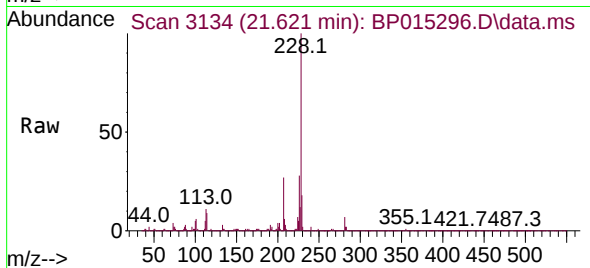
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:228 Resp: 371988
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.8 35.6
 229 18.4 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
 Supervised By :Jagrut Upadhyay 05/26/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.339 ng

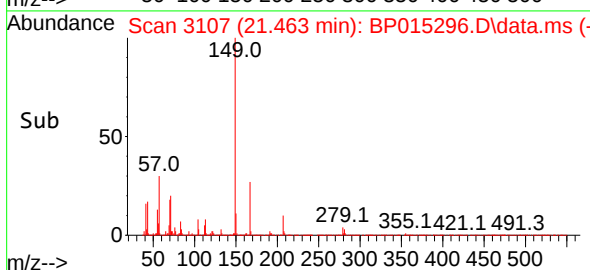
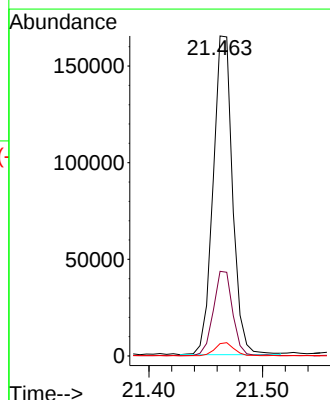
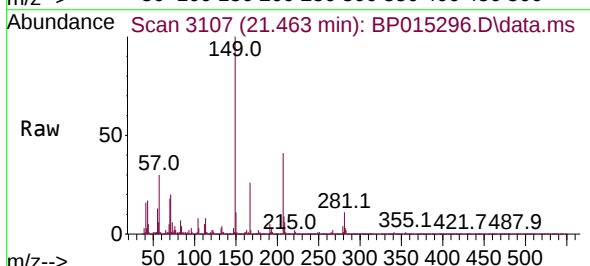
RT: 21.463 min Scan# 3107

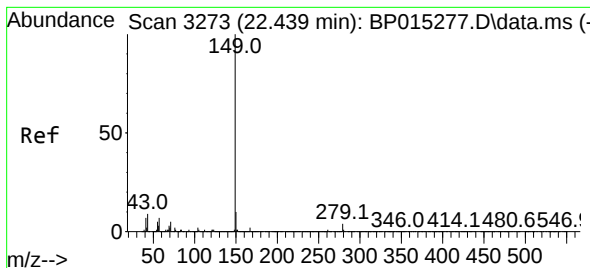
Delta R.T. -0.006 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Tgt Ion:149 Resp: 196068
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.6 32.4
 279 3.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 5.189 ng

RT: 22.439 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

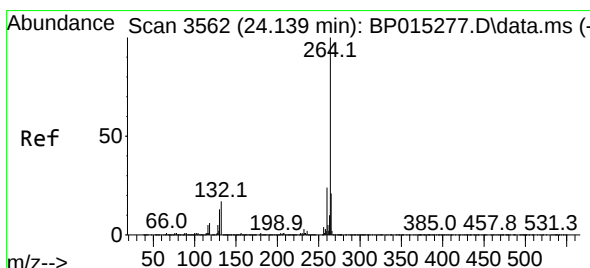
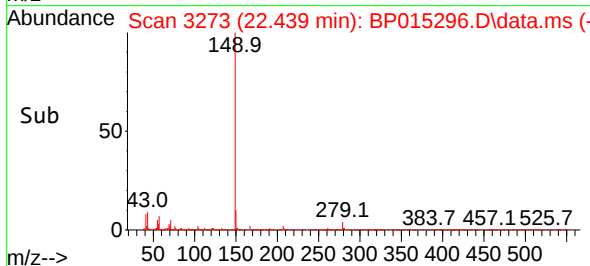
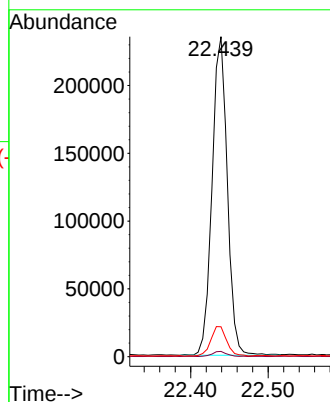
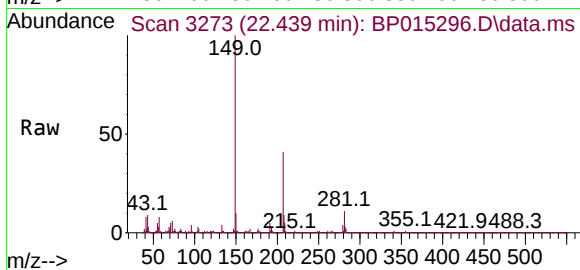
LOD-MDL-WATER-01-QT2-2023

Tgt Ion:	149	Resp:	32234
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	9.6	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#86

Perylene-d12

Concen: 20.000 ng

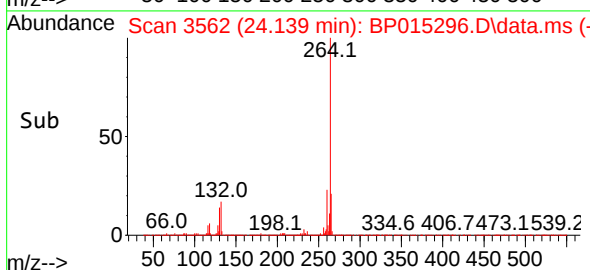
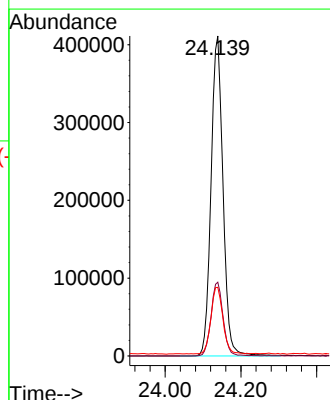
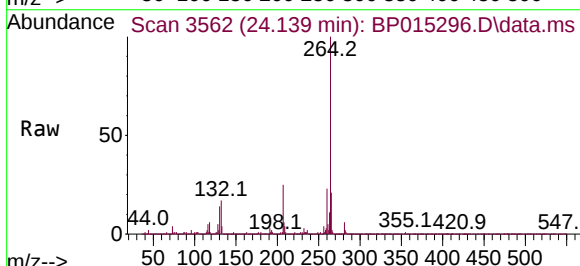
RT: 24.139 min Scan# 3562

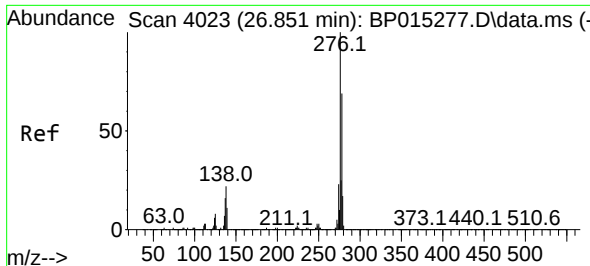
Delta R.T. -0.000 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Tgt Ion:	264	Resp:	896534
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.0	28.6
265	21.4	17.5	26.3





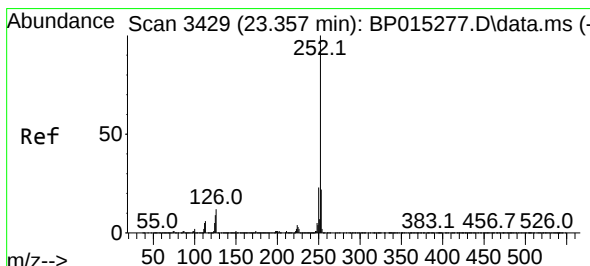
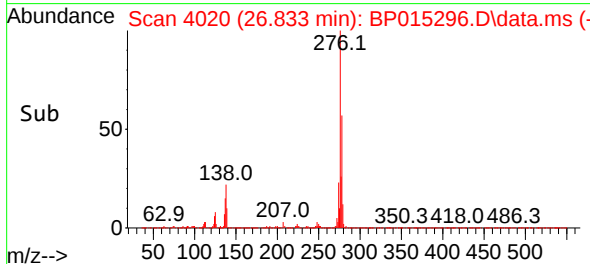
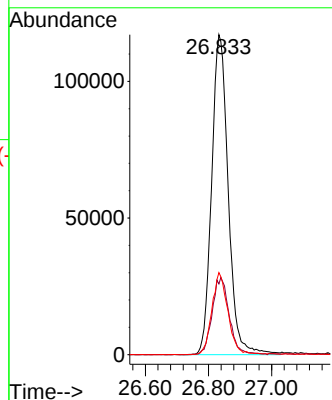
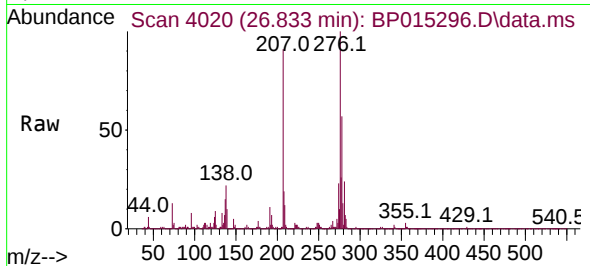
#87
Indeno(1,2,3-cd)pyrene
Concen: 6.563 ng
RT: 26.833 min Scan# 4023
Delta R.T. -0.018 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023

Tgt Ion: 276 Resp: 42648
Ion Ratio Lower Upper
276 100
138 25.0 19.0 28.6
277 24.6 20.2 30.2

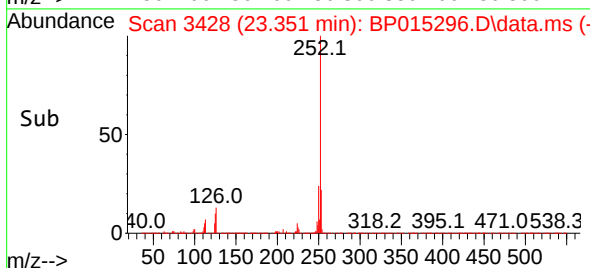
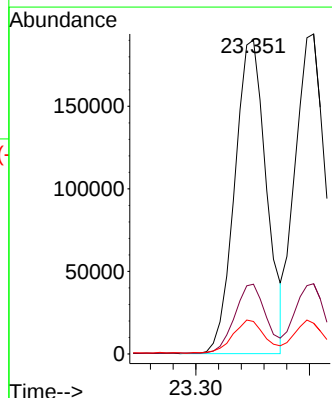
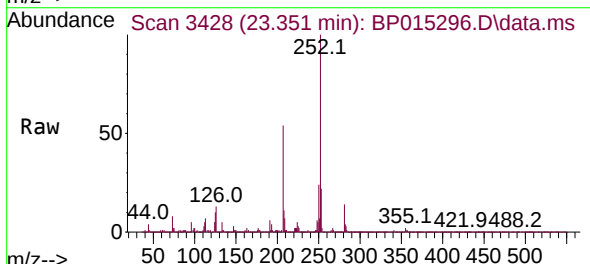
Manual Integrations
APPROVED

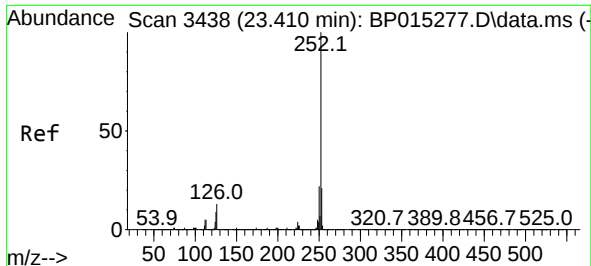
Reviewed By : Christian Giraldo 05/26/2023
Supervised By : Jagrut Upadhyay 05/26/2023



#88
Benzo(b)fluoranthene
Concen: 6.763 ng
RT: 23.351 min Scan# 3428
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

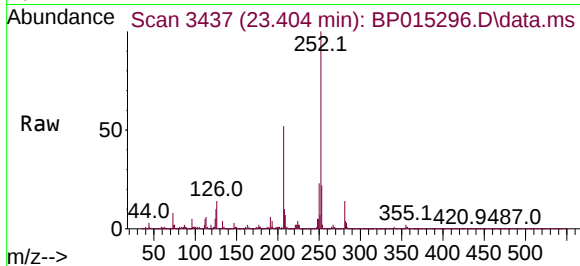
Tgt Ion: 252 Resp: 368661
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.3 7.2 10.8





#89
Benzo(k)fluoranthene
Concen: 6.797 ng
RT: 23.404 min Scan# 3438
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

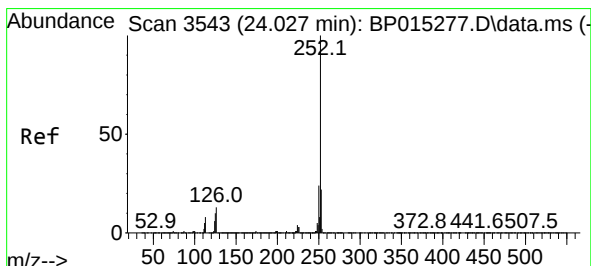
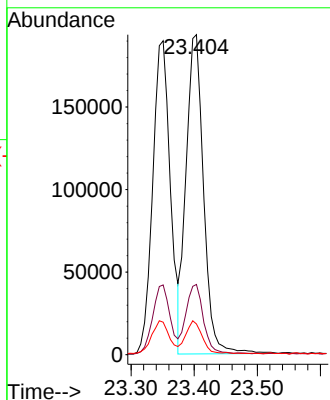
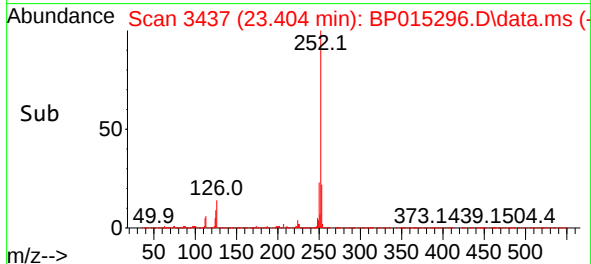
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2023



Tgt Ion:252 Resp: 373064
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 9.6 7.4 11.0

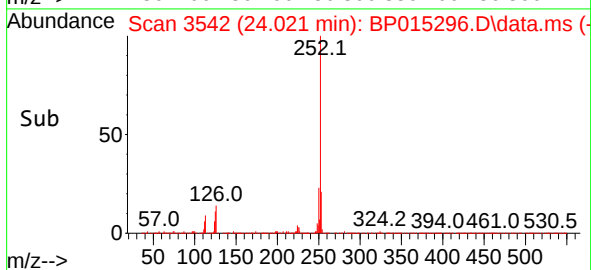
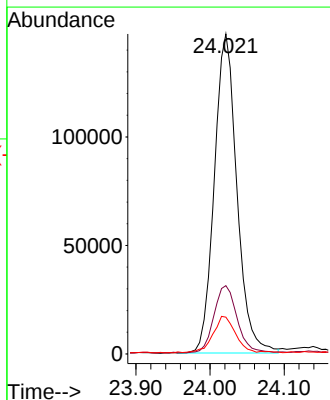
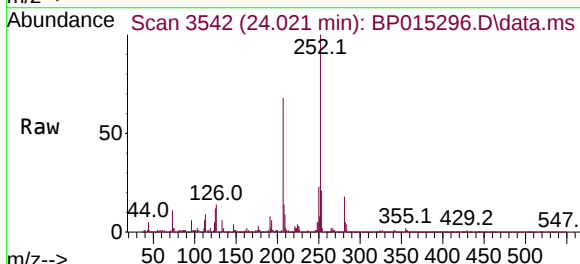
Manual Integrations
APPROVED

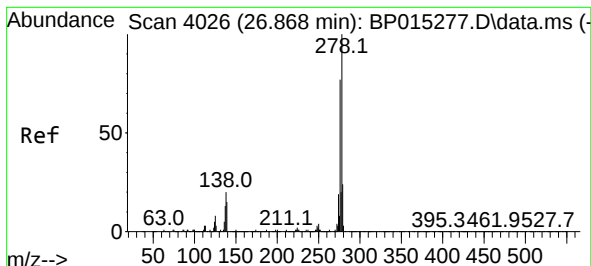
Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023



#90
Benzo(a)pyrene
Concen: 5.920 ng
RT: 24.021 min Scan# 3542
Delta R.T. -0.006 min
Lab File: BP015296.D
Acq: 25 May 2023 17:45

Tgt Ion:252 Resp: 311546
Ion Ratio Lower Upper
252 100
253 21.3 17.4 26.2
125 11.5 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 6.553 ng

RT: 26.856 min Scan# 4026

Delta R.T. -0.012 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2023

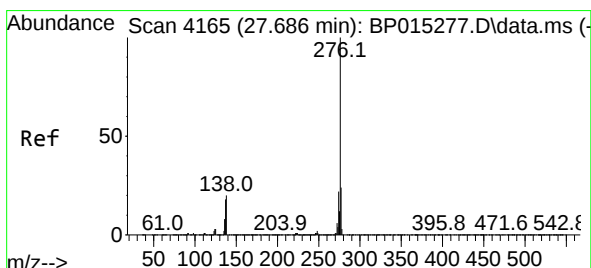
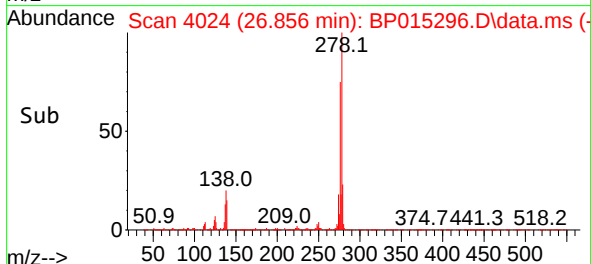
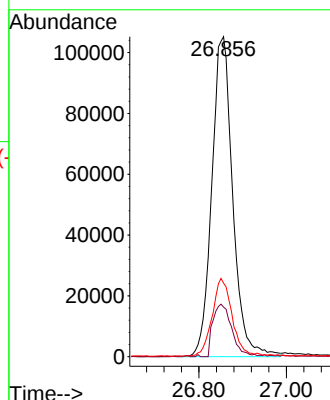
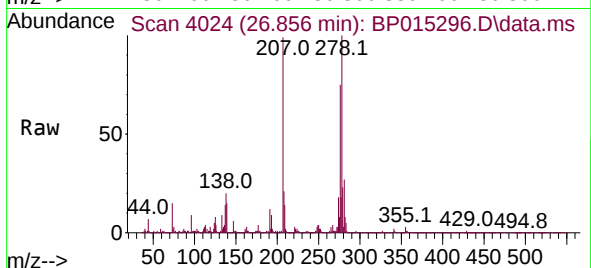
Tgt Ion:278	Resp: 349690
Ion Ratio	Lower Upper
278 100	
139 15.5	12.3 18.5
279 23.0	19.3 28.9

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 05/26/2023

Supervised By : Jagrut Upadhyay 05/26/2023



#92

Benzo(g,h,i)perylene

Concen: 6.418 ng

RT: 27.668 min Scan# 4162

Delta R.T. -0.018 min

Lab File: BP015296.D

Acq: 25 May 2023 17:45

Tgt Ion:276	Resp: 347987		
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.0	28.6
138	20.8	16.2	24.2

