

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011723\
 Data File : BP013493.D
 Acq On : 17 Jan 2023 13:04
 Operator : CG/JU
 Sample : N3214-09
 Misc : MDL-MDL-WATER 8ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jan 18 03:13:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	559301	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2294463	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	1578060	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3689455	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3777728	20.000	ng	0.00
86) Perylene-d12	23.863	264	4260209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	3080284	96.744	ng	0.00
7) Phenol-d6	7.069	99	4261719	94.692	ng	0.00
23) Nitrobenzene-d5	9.075	82	3112081	72.060	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	2422298	98.336	ng	-0.01
45) 2-Fluorobiphenyl	13.169	172	7813980	72.385	ng	-0.01
79) Terphenyl-d14	19.869	244	12323162	66.690	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.328	88	98122	7.859	ng	99
3) Pyridine	3.752	79	258272	6.635	ng	98
4) n-Nitrosodimethylamine	3.652	42	143644	7.696	ng	# 96
6) Aniline	7.228	93	435536	7.242	ng	99
8) 2-Chlorophenol	7.463	128	278660	7.562	ng	98
9) Benzaldehyde	7.040	77	238595m	8.782	ng	
10) Phenol	7.093	94	349861	7.531	ng	96
11) bis(2-Chloroethyl)ether	7.322	93	282779	7.509	ng	97
12) 1,3-Dichlorobenzene	7.787	146	310649	8.002	ng	97
13) 1,4-Dichlorobenzene	7.934	146	319850	8.084	ng	97
14) 1,2-Dichlorobenzene	8.258	146	308438	7.980	ng	99
15) Benzyl Alcohol	8.146	79	240120	6.924	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.434	45	455195	7.813	ng	99
17) 2-Methylphenol	8.346	107	232814	6.770	ng	97
18) Hexachloroethane	8.981	117	109655	7.826	ng	96
19) n-Nitroso-di-n-propyla...	8.710	70	237168	7.383	ng	97
20) 3+4-Methylphenols	8.675	107	313433	6.560	ng	98
22) Acetophenone	8.734	105	450950	7.674	ng	# 98
24) Nitrobenzene	9.116	77	344692	7.716	ng	98
25) Isophorone	9.640	82	642629	7.229	ng	99
26) 2-Nitrophenol	9.828	139	151381	6.855	ng	97
27) 2,4-Dimethylphenol	9.887	122	233953	6.436	ng	99
28) bis(2-Chloroethoxy)met...	10.122	93	390509	7.448	ng	99
29) 2,4-Dichlorophenol	10.363	162	274587	7.198	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	317294	7.859	ng	97
31) Naphthalene	10.763	128	930809	7.672	ng	100
32) Benzoic acid	9.975	122	166329	5.486	ng	96
33) 4-Chloroaniline	10.881	127	381649	6.886	ng	98
34) Hexachlorobutadiene	11.040	225	203890	8.012	ng	98
35) Caprolactam	11.663	113	91411	6.725	ng	96
36) 4-Chloro-3-methylphenol	11.999	107	293810	7.068	ng	99
37) 2-Methylnaphthalene	12.375	142	660720	7.254	ng	98
38) 1-Methylnaphthalene	12.593	142	645529	7.512	ng	100
40) 1,2,4,5-Tetrachloroben...	12.740	216	395773	7.652	ng	99
41) Hexachlorocyclopentadiene	12.716	237	185033	6.861	ng	98
43) 2,4,6-Trichlorophenol	12.981	196	249538	7.017	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	273814	6.561	ng	98
46) 1,1'-Biphenyl	13.381	154	931476	7.807	ng	100
47) 2-Chloronaphthalene	13.428	162	703622	7.689	ng	99
48) 2-Nitroaniline	13.634	65	199334	6.618	ng	90
49) Acenaphthylene	14.275	152	1093306	7.245	ng	100
50) Dimethylphthalate	14.004	163	911611	7.285	ng	99
51) 2,6-Dinitrotoluene	14.128	165	189478	6.941	ng	97
52) Acenaphthene	14.616	154	668404	7.484	ng	99
53) 3-Nitroaniline	14.463	138	185483	6.351	ng	98
54) 2,4-Dinitrophenol	14.675	184	101869	5.492	ng	100
55) Dibenzofuran	14.951	168	1117023	7.543	ng	98
56) 4-Nitrophenol	14.769	139	157017	6.691	ng	95
57) 2,4-Dinitrotoluene	14.922	165	248559	6.659	ng	95
58) Fluorene	15.598	166	904656	7.741	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	254821	7.061	ng	99
60) Diethylphthalate	15.369	149	881549	7.199	ng	99
61) 4-Chlorophenyl-phenylether	15.592	204	482158	7.769	ng	99
62) 4-Nitroaniline	15.628	138	191318	6.399	ng	97
63) Azobenzene	15.887	77	818891	7.283	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.687	198	145740	5.776	ng	94
66) n-Nitrosodiphenylamine	15.810	169	780013	7.195	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	298966	7.039	ng	99
68) Hexachlorobenzene	16.610	284	358363	7.748	ng	99
69) Atrazine	16.763	200	298725	7.523	ng	99
70) Pentachlorophenol	16.957	266	195115	5.756	ng	98
71) Phenanthrene	17.351	178	1471539	7.559	ng	99
72) Anthracene	17.445	178	1445637	7.298	ng	100
73) Carbazole	17.716	167	1331849	7.382	ng	100
74) Di-n-butylphthalate	18.257	149	1484981	7.091	ng	99
75) Fluoranthene	19.322	202	1775478	7.593	ng	98
77) Benzidine	19.498	184	902308	8.038	ng	100
78) Pyrene	19.675	202	1876148	7.551	ng	98
80) Butylbenzylphthalate	20.539	149	674730	6.282	ng	97
81) Benzo(a)anthracene	21.386	228	1964884	7.723	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	757792	7.972	ng	100
83) Chrysene	21.439	228	1847412	7.685	ng	99
84) Bis(2-ethylhexyl)phthalate	21.298	149	1022239	6.577	ng	98
85) Di-n-octyl phthalate	22.239	149	1748585	6.627	ng	98
87) Indeno(1,2,3-cd)pyrene	26.427	276	2145687	6.964	ng	99
88) Benzo(b)fluoranthene	23.104	252	2058802	8.139	ng	99
89) Benzo(k)fluoranthene	23.157	252	1945389	7.924	ng	98
90) Benzo(a)pyrene	23.751	252	1765248	7.104	ng	98
91) Dibenzo(a,h)anthracene	26.445	278	1866149	7.275	ng	99
92) Benzo(g,h,i)perylene	27.209	276	1819372	7.188	ng	99

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

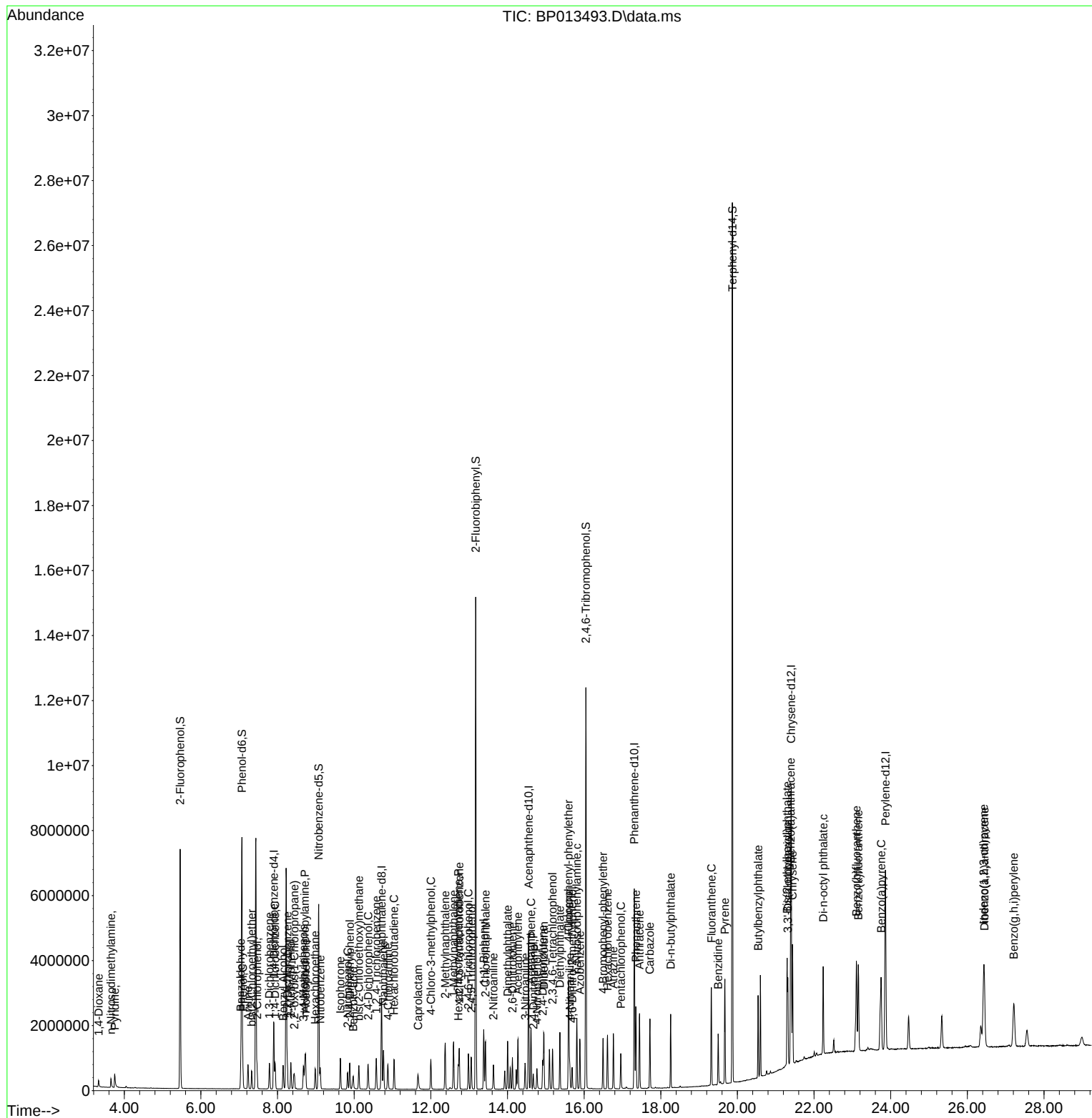
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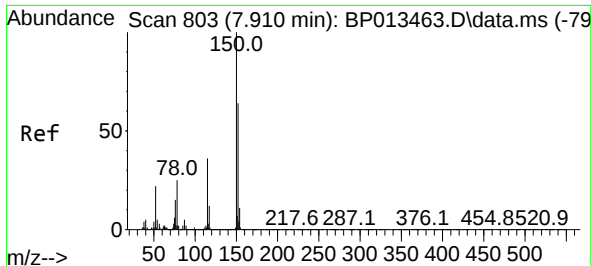
Instrument :
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ClientSampleId :
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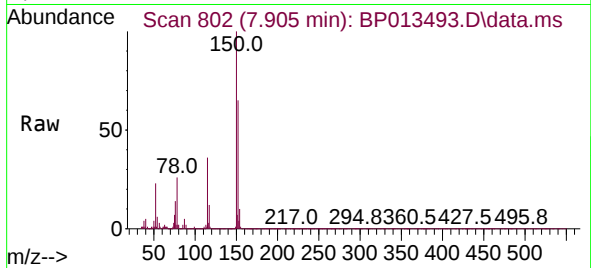
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

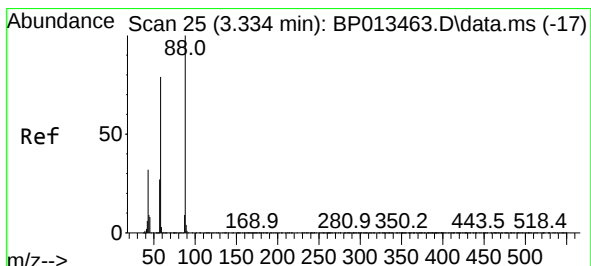
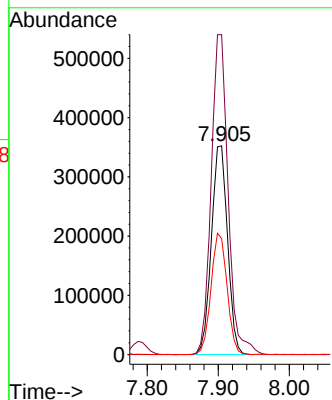
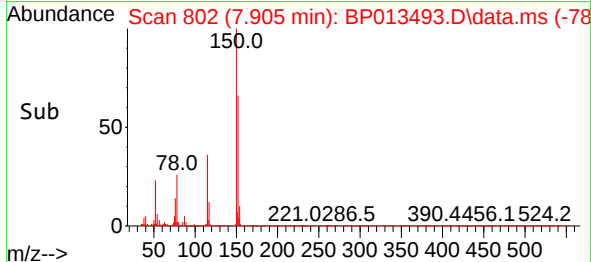
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:152 Resp: 55930
Ion Ratio Lower Upper
152 100
150 153.2 125.7 188.5
115 55.6 45.8 68.8

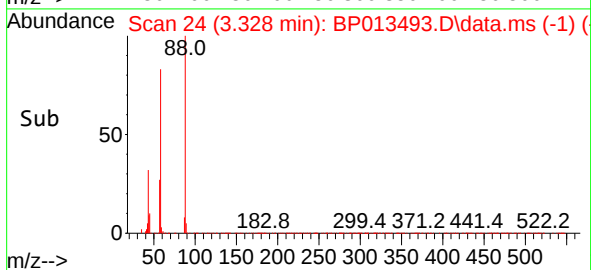
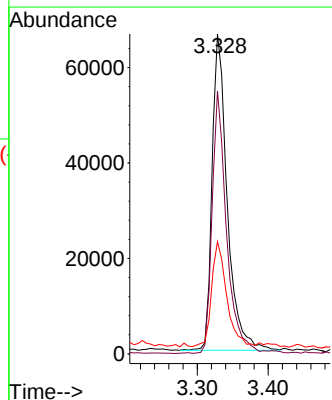
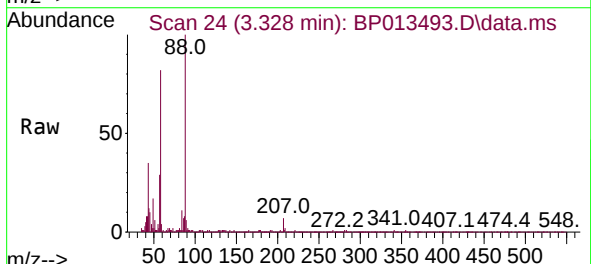
Manual Integrations
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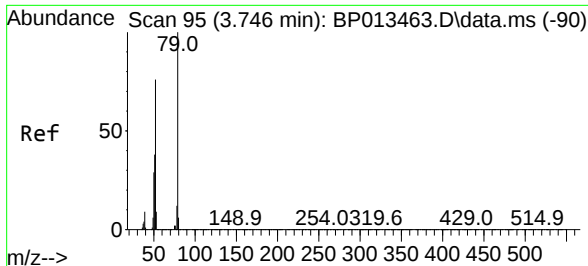
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#2
1,4-Dioxane
Concen: 7.859 ng
RT: 3.328 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

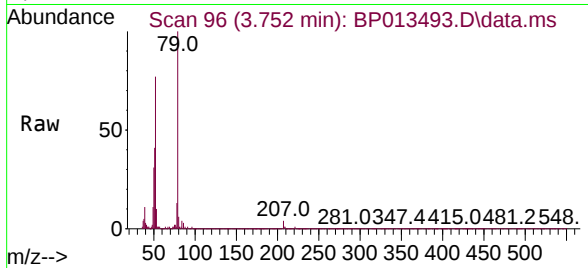
Tgt Ion: 88 Resp: 98122
Ion Ratio Lower Upper
88 100
58 78.8 63.4 95.0
43 33.3 26.2 39.4





#3
Pyridine
Concen: 6.635 ng
RT: 3.752 min Scan# 90
Delta R.T. 0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

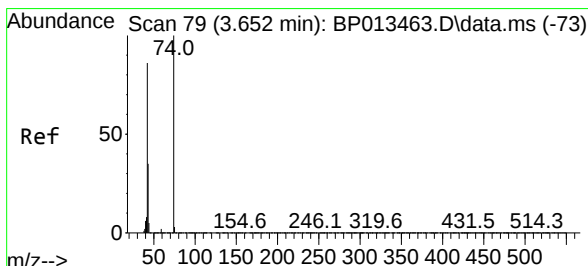
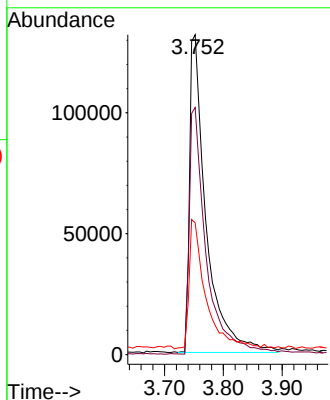
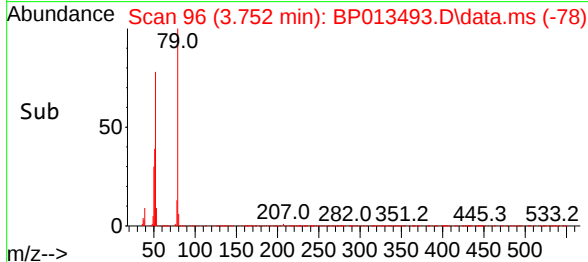
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 258272
Ion Ratio Lower Upper
79 100
52 77.2 60.6 91.0
51 41.2 31.0 46.4

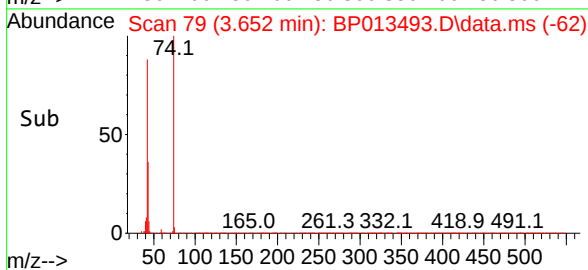
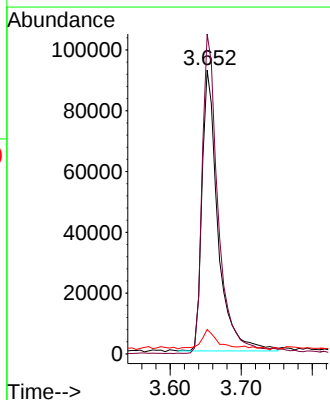
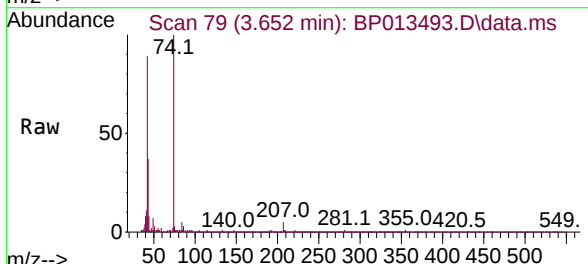
Manual Integrations
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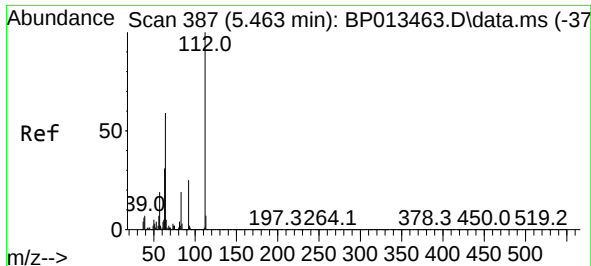
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#4
n-Nitrosodimethylamine
Concen: 7.696 ng
RT: 3.652 min Scan# 79
Delta R.T. 0.000 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

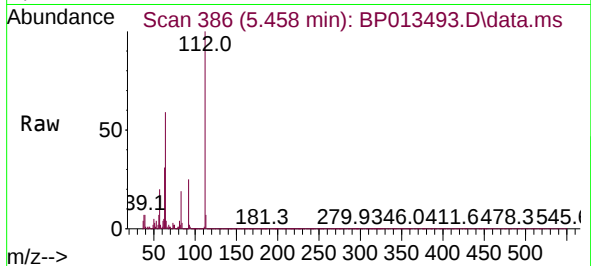
Tgt Ion: 42 Resp: 143644
Ion Ratio Lower Upper
42 100
74 112.8 93.3 139.9
44 8.6 5.1 7.7#





#5
2-Fluorophenol
Concen: 96.744 ng
RT: 5.458 min Scan# 387
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

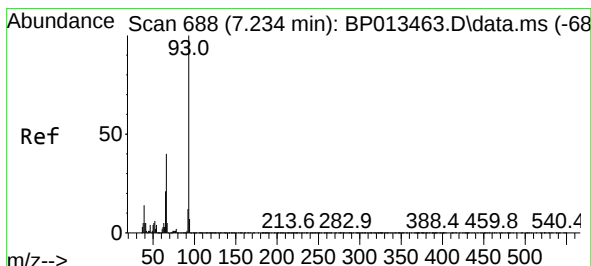
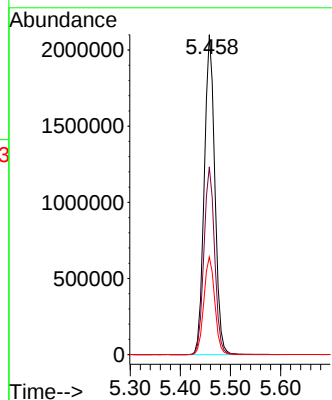
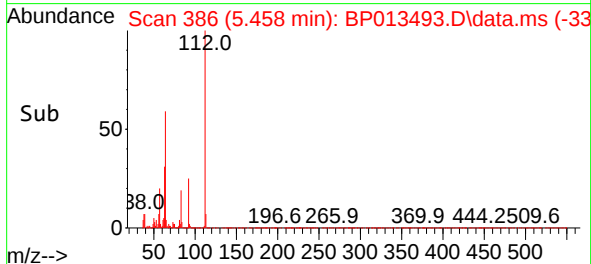
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 112 Resp: 3080284
Ion Ratio Lower Upper
112 100
64 58.7 47.5 71.3
63 30.5 25.0 37.4

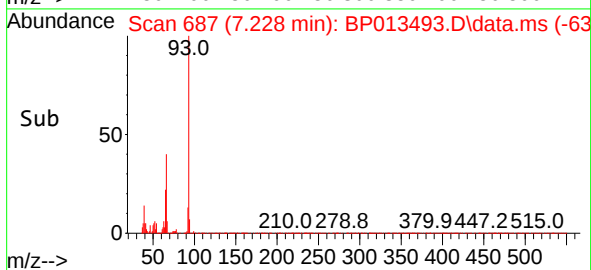
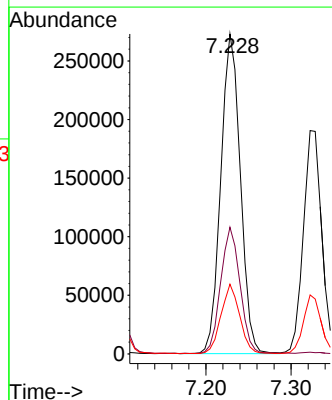
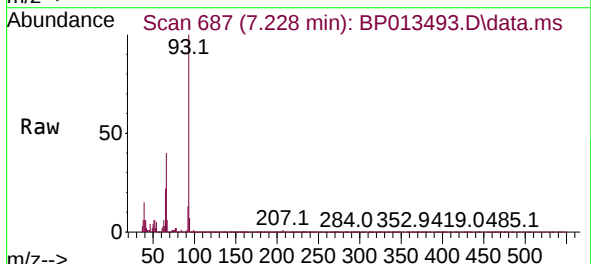
Manual Integrations
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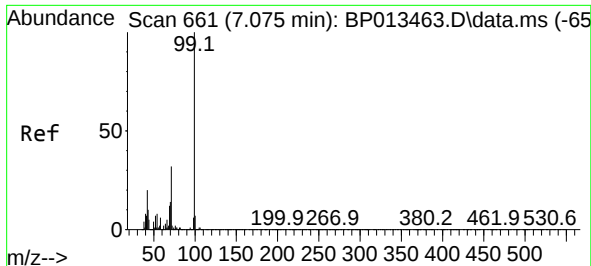
Reviewed By :Christian Giraldo 01/18/2023
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#6
Aniline
Concen: 7.242 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

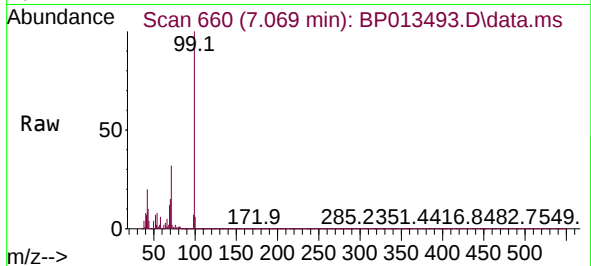
Tgt Ion: 93 Resp: 435536
Ion Ratio Lower Upper
93 100
66 39.6 31.9 47.9
65 21.8 16.6 25.0





#7
Phenol-d6
Concen: 94.692 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

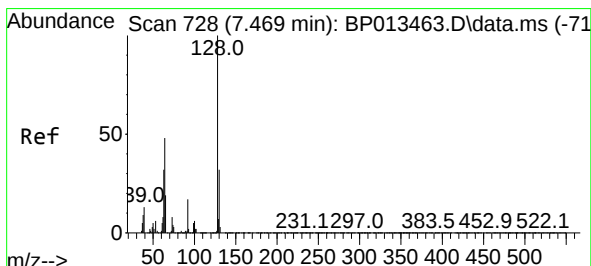
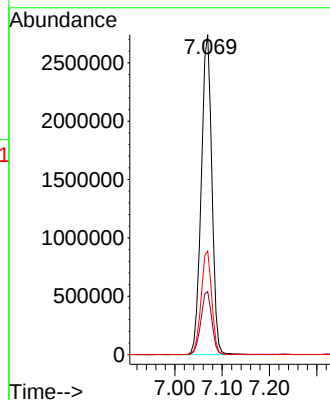
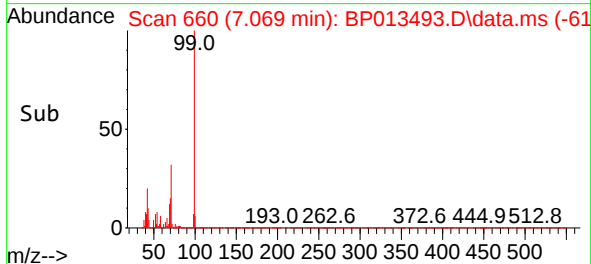
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 4261719
Ion Ratio Lower Upper
99 100
42 19.7 15.8 23.6
71 32.4 25.6 38.4

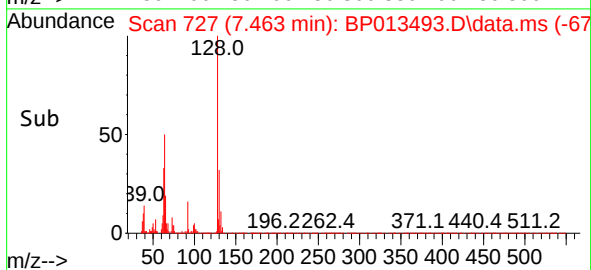
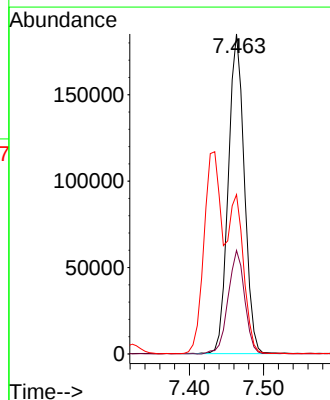
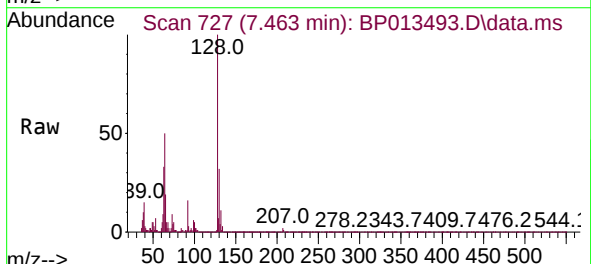
Manual Integrations
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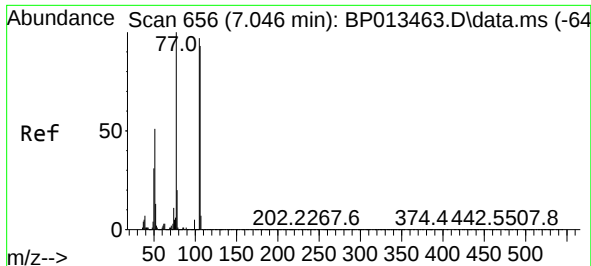
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#8
2-Chlorophenol
Concen: 7.562 ng
RT: 7.463 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

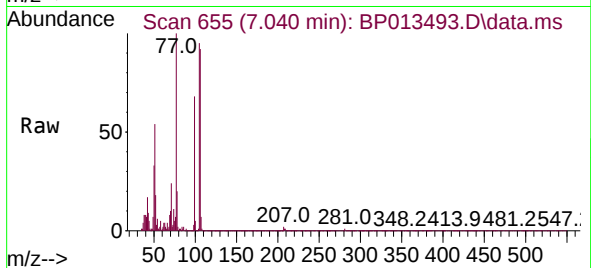
Tgt Ion:128 Resp: 278660
Ion Ratio Lower Upper
128 100
130 32.3 11.7 51.7
64 49.8 28.6 68.6





#9
Benzaldehyde
Concen: 8.782 ng m
RT: 7.040 min Scan# 656
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

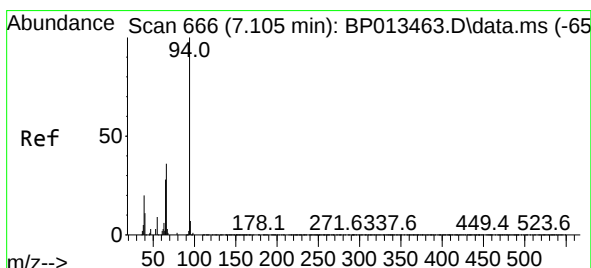
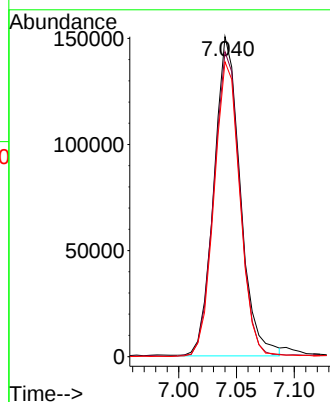
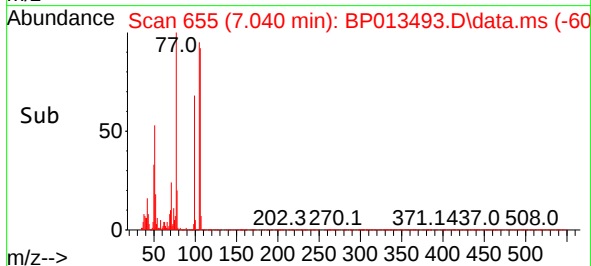
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ClientSampleId :
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Tgt Ion: 77 Resp: 238595
Ion Ratio Lower Upper
77 100
105 95.3 77.3 117.3
106 92.1 73.1 113.1

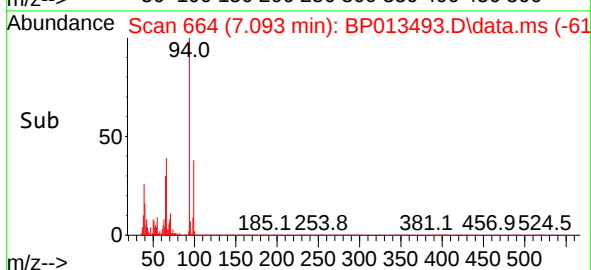
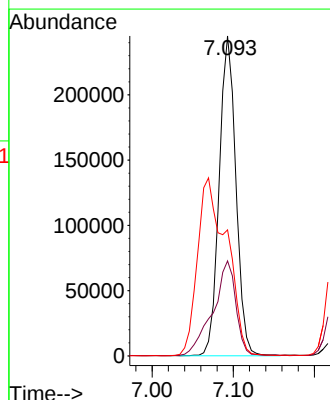
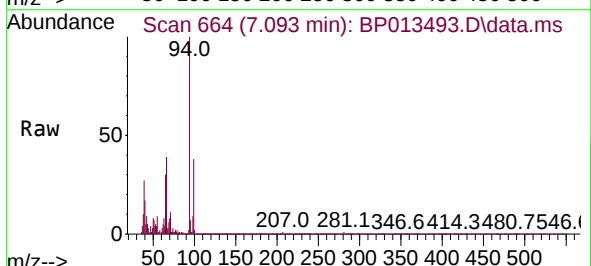
Manual Integrations
APPROVED

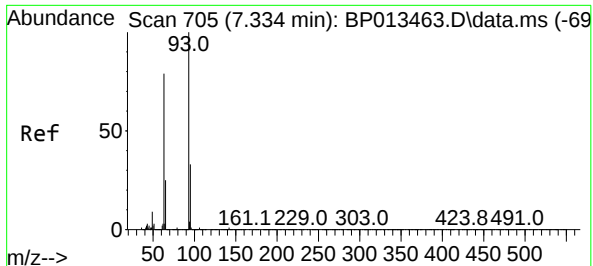
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#10
Phenol
Concen: 7.531 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

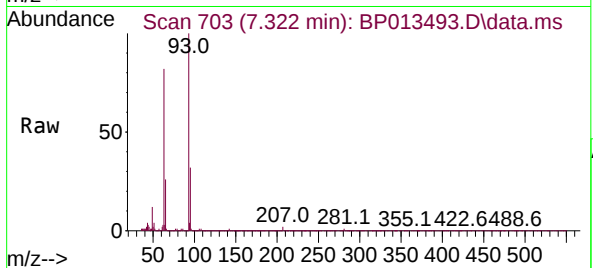
Tgt Ion: 94 Resp: 349861
Ion Ratio Lower Upper
94 100
65 29.7 8.3 48.3
66 39.4 16.6 56.6





#11
bis(2-Chloroethyl)ether
Concen: 7.509 ng
RT: 7.322 min Scan# 705
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

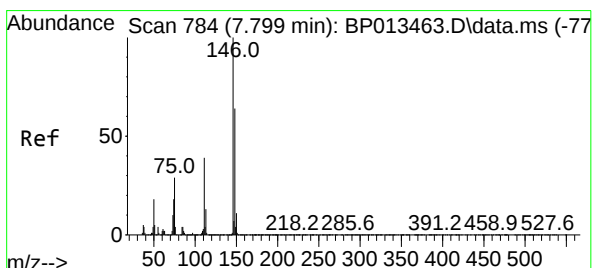
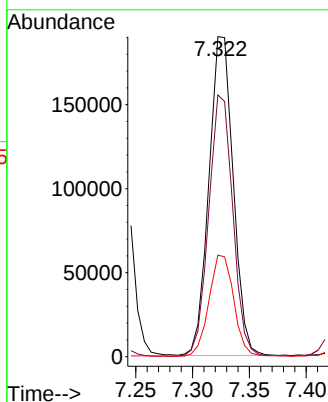
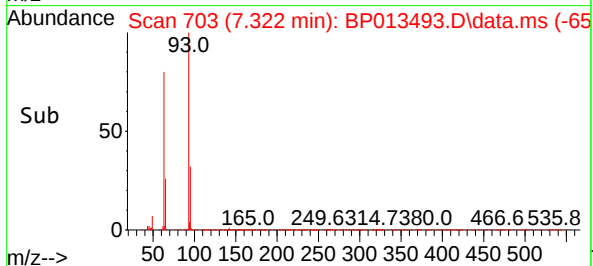
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



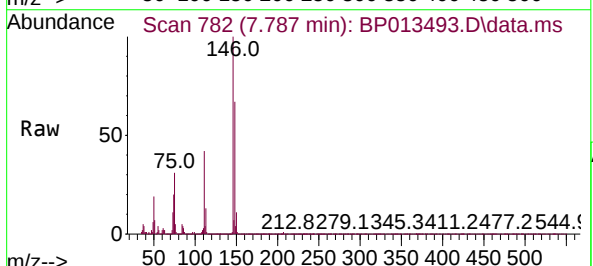
Tgt Ion: 93 Resp: 282779
Ion Ratio Lower Upper
93 100
63 81.8 59.3 99.3
95 31.7 12.8 52.8

Manual Integrations
APPROVED

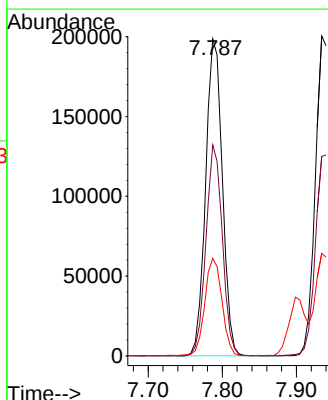
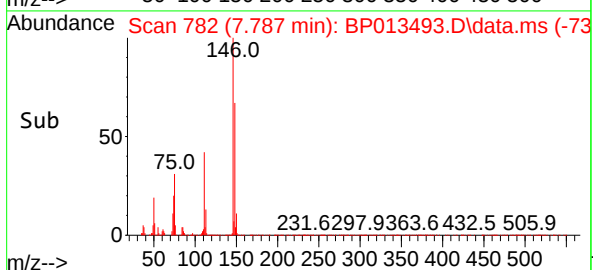
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

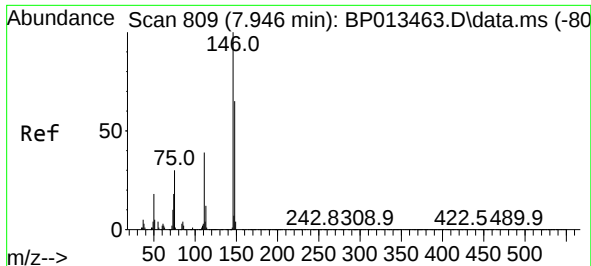


#12
1,3-Dichlorobenzene
Concen: 8.002 ng
RT: 7.787 min Scan# 782
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



Tgt Ion:146 Resp: 310649
Ion Ratio Lower Upper
146 100
148 66.6 51.5 77.3
75 30.8 23.6 35.4





#13

1,4-Dichlorobenzene

Concen: 8.084 ng

RT: 7.934 min Scan# 80

Delta R.T. -0.012 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

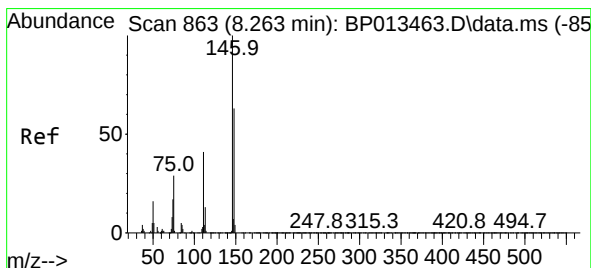
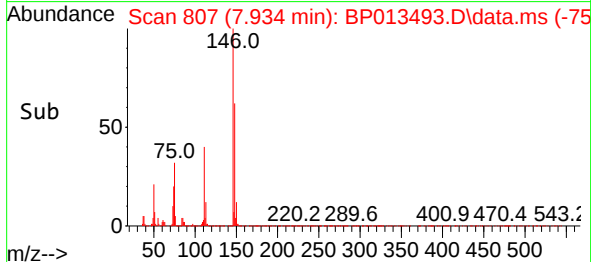
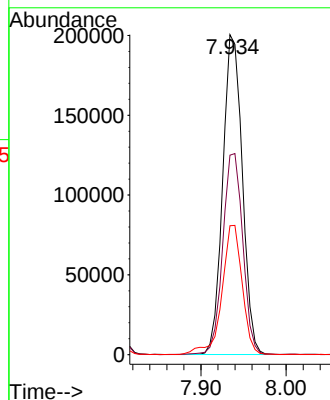
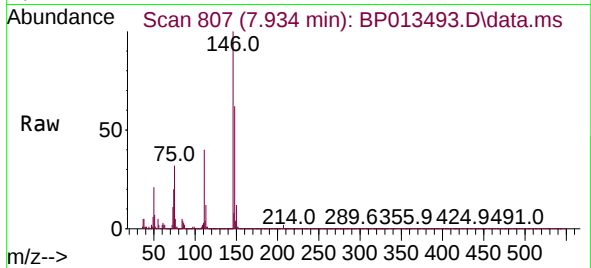
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:146 Resp: 319850
 Ion Ratio Lower Upper
 146 100
 148 62.3 52.0 78.0
 111 40.3 31.4 47.2

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



#14

1,2-Dichlorobenzene

Concen: 7.980 ng

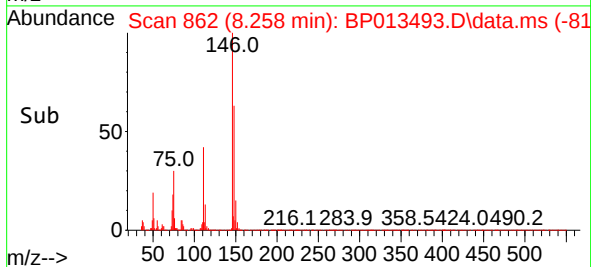
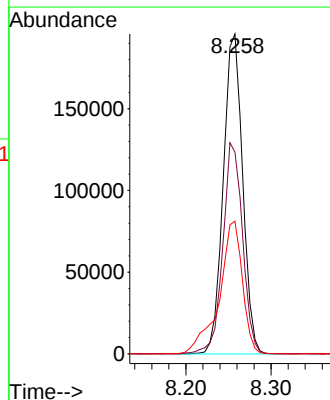
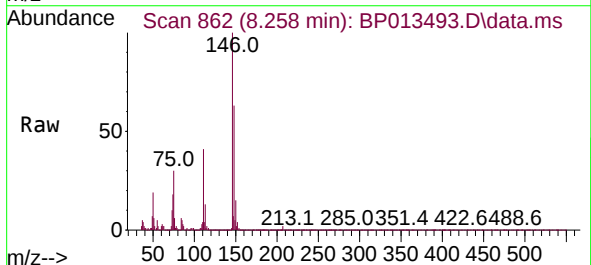
RT: 8.258 min Scan# 862

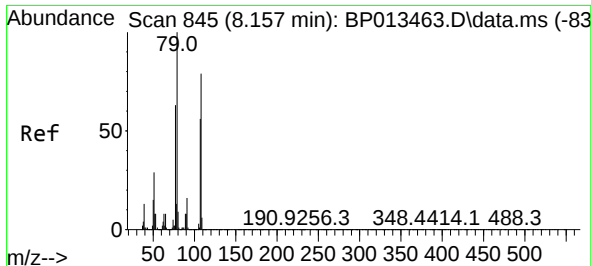
Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

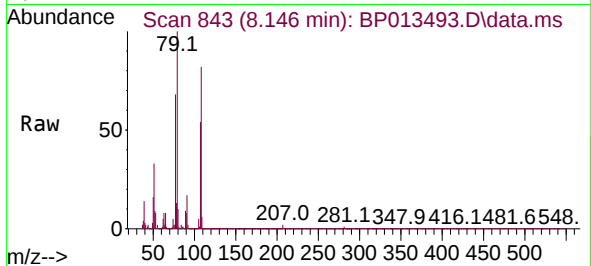
Tgt Ion:146 Resp: 308438
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.9 76.3
 111 41.5 32.7 49.1





#15
Benzyl Alcohol
Concen: 6.924 ng
RT: 8.146 min Scan# 845
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

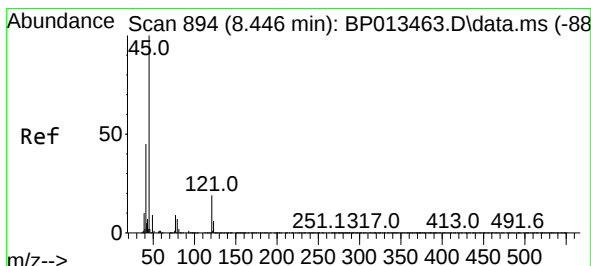
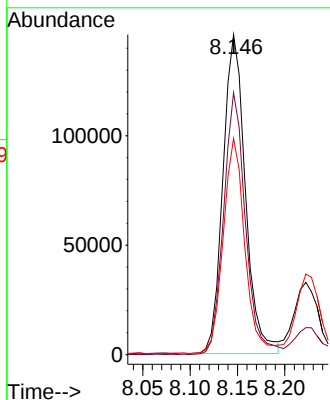
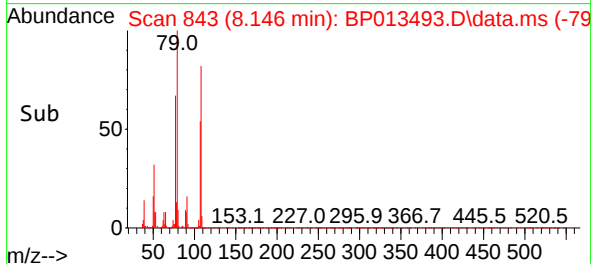
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 79 Resp: 240120
Ion Ratio Lower Upper
79 100
108 81.8 63.2 94.8
77 67.5 50.5 75.7

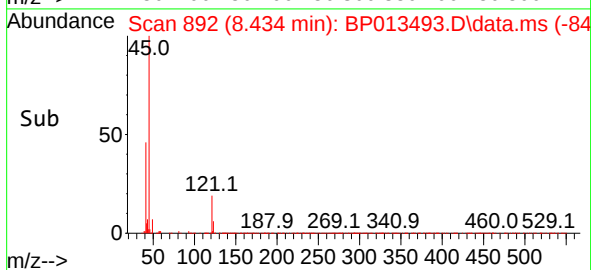
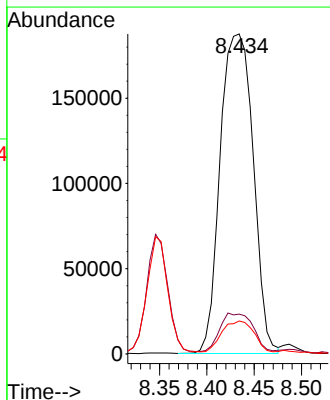
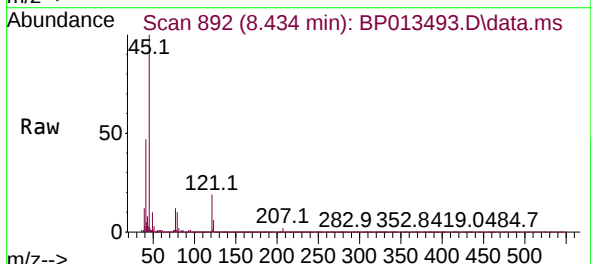
Manual Integrations
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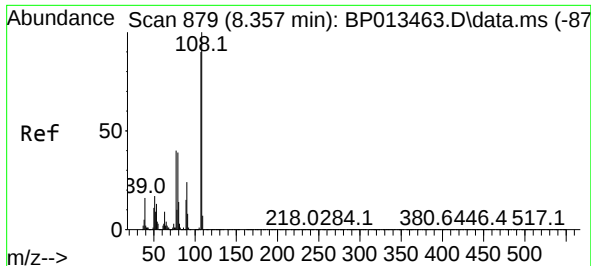
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.813 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

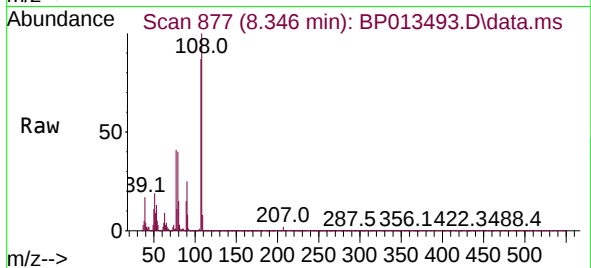
Tgt Ion: 45 Resp: 455195
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.8
79 10.3 0.0 30.3





#17
2-Methylphenol
Concen: 6.770 ng
RT: 8.346 min Scan# 81
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

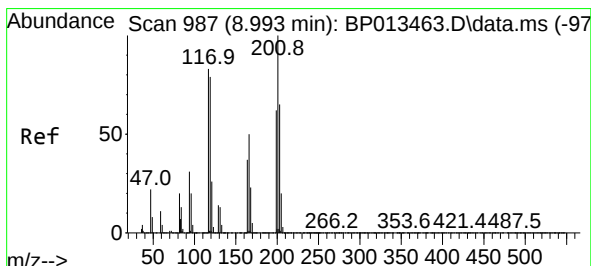
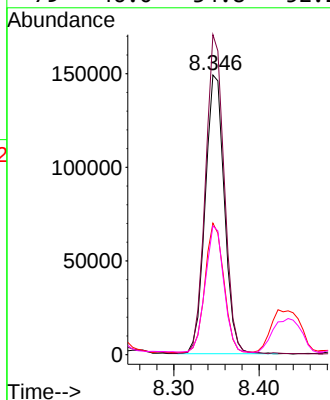
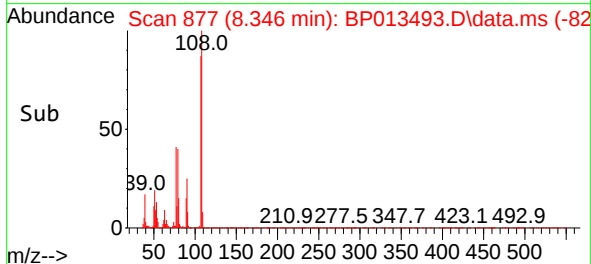
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:107 Resp: 232814
Ion Ratio Lower Upper
107 100
108 114.4 88.8 133.2
77 47.0 35.8 53.8
79 46.0 34.8 52.2

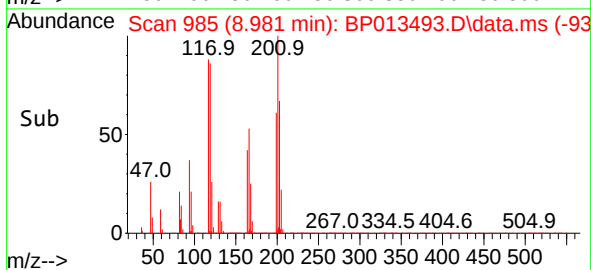
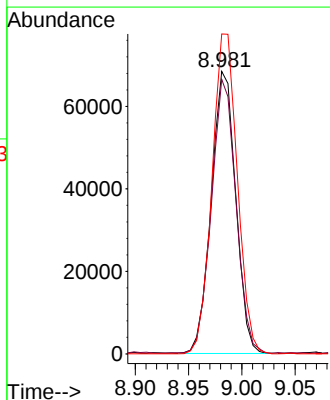
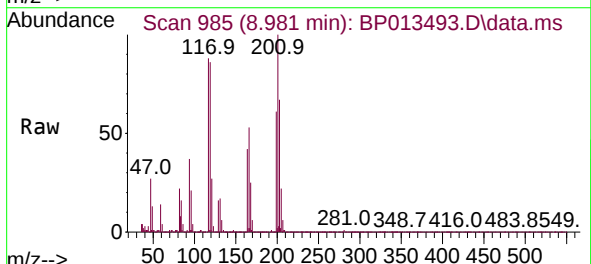
Manual Integrations
APPROVED

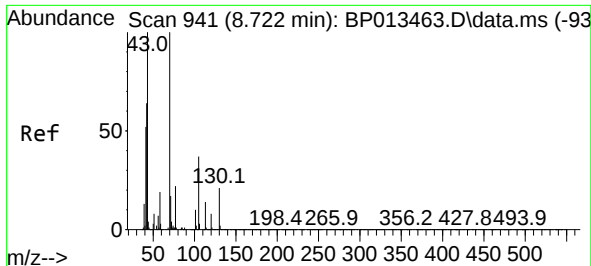
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 7.826 ng
RT: 8.981 min Scan# 985
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

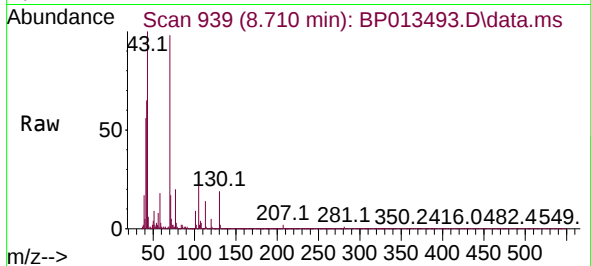
Tgt Ion:117 Resp: 109655
Ion Ratio Lower Upper
117 100
119 97.2 75.8 113.8
201 113.3 95.8 143.8





#19
n-Nitroso-di-n-propylamine
Concen: 7.383 ng
RT: 8.710 min Scan# 931
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

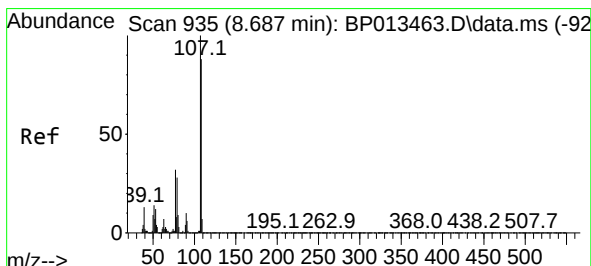
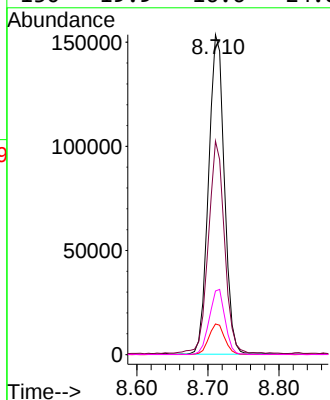
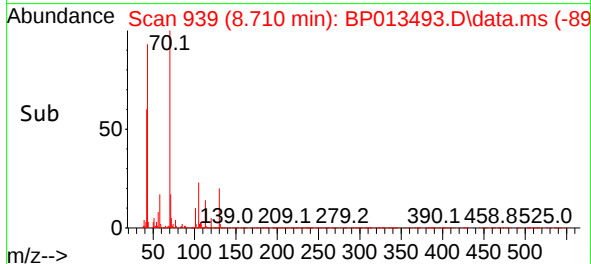
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



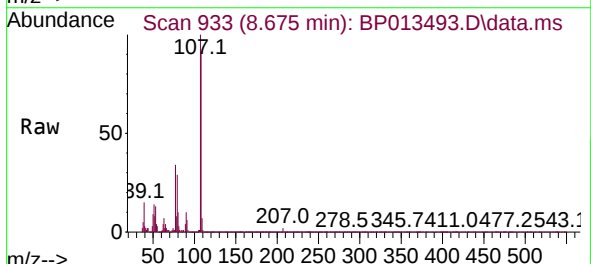
Tgt Ion: 70 Resp: 237168
Ion Ratio Lower Upper
70 100
42 66.7 51.1 76.7
101 9.6 7.8 11.8
130 19.9 16.6 24.8

Manual Integrations
APPROVED

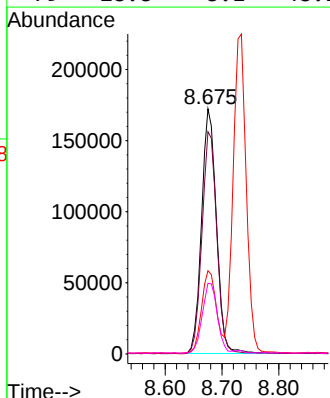
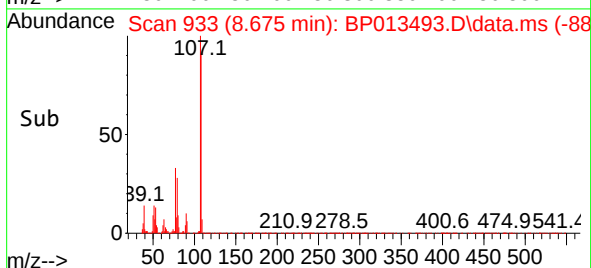
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

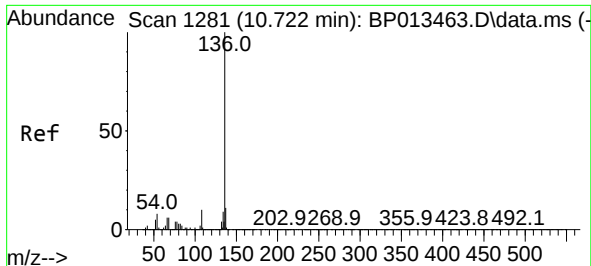


#20
3+4-Methylphenols
Concen: 6.560 ng
RT: 8.675 min Scan# 933
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



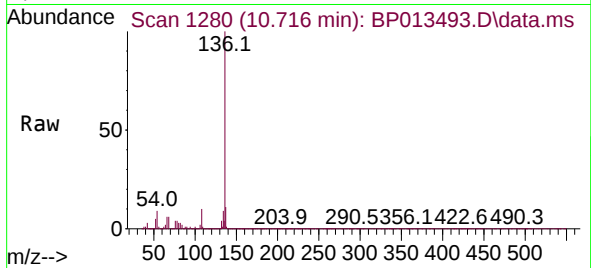
Tgt Ion:107 Resp: 313433
Ion Ratio Lower Upper
107 100
108 90.6 68.1 108.1
77 33.9 12.3 52.3
79 28.8 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

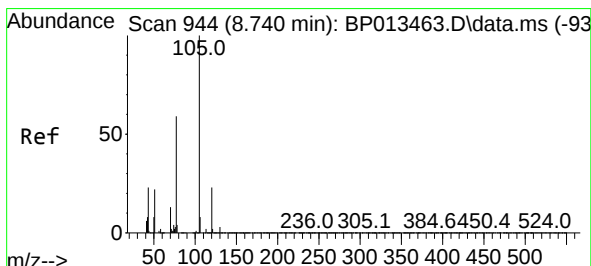
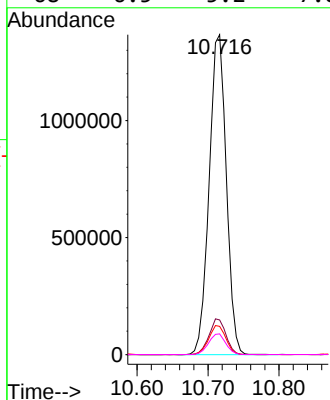
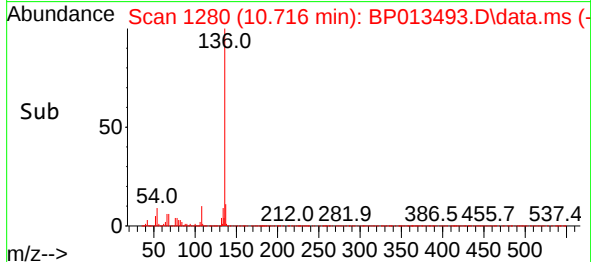
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:136 Resp: 2294463
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.8 6.6 10.0
68 6.5 5.2 7.8

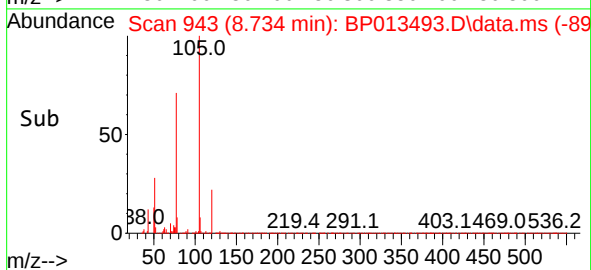
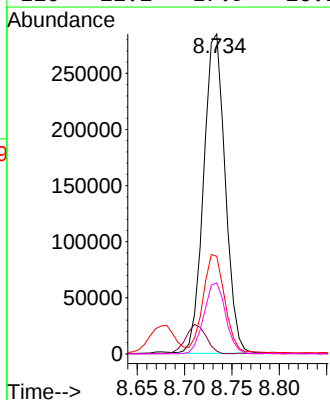
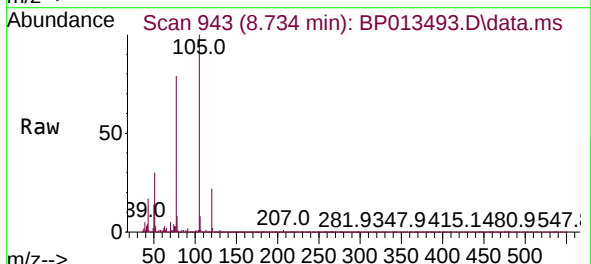
Manual Integrations
APPROVED

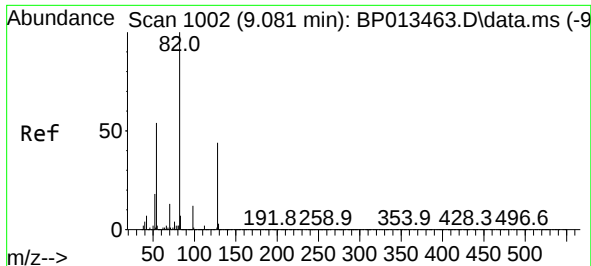
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 7.674 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:105 Resp: 450950
Ion Ratio Lower Upper
105 100
71 0.9 2.1 3.1#
51 30.5 23.3 34.9
120 22.2 17.9 26.9





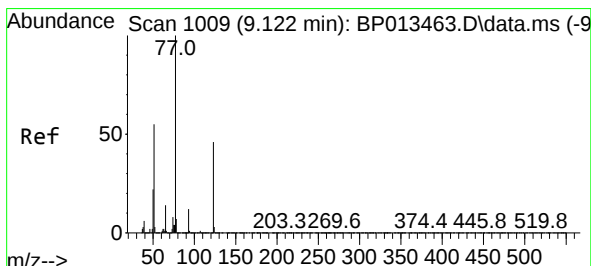
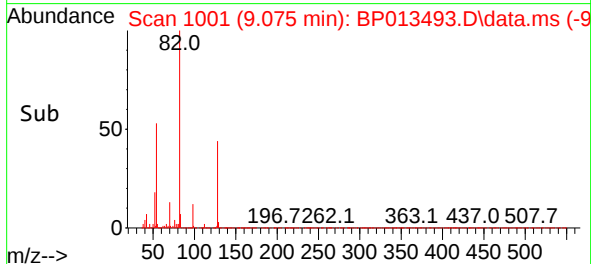
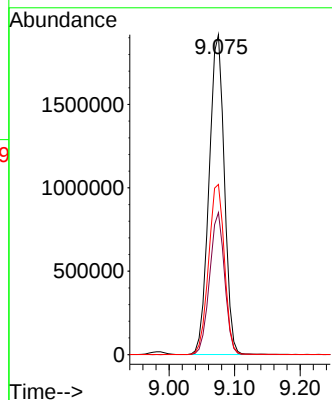
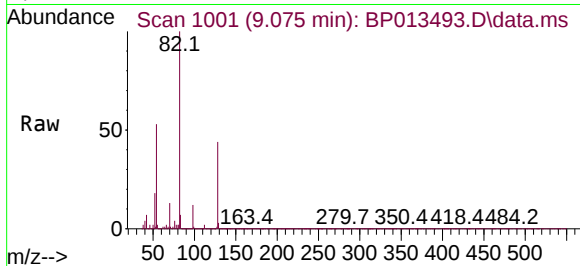
#23
Nitrobenzene-d5
Concen: 72.060 ng
RT: 9.075 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion: 82 Resp: 3112081
Ion Ratio Lower Upper
82 100
128 44.4 35.4 53.0
54 53.2 42.8 64.2

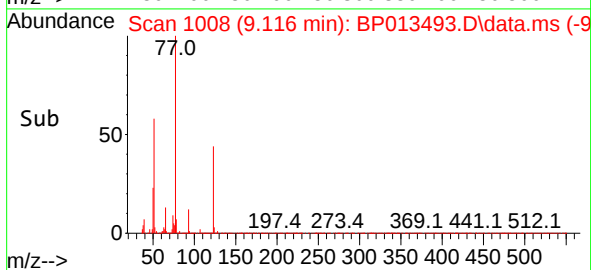
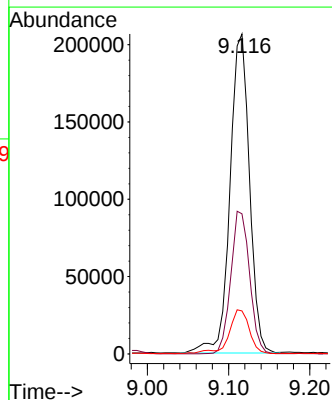
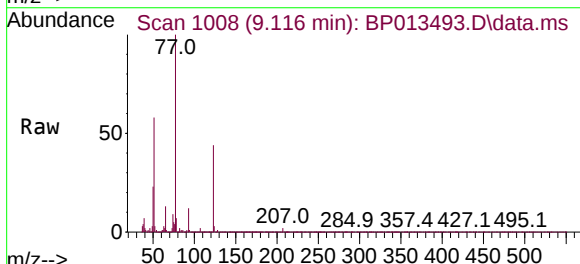
Manual Integrations
APPROVED

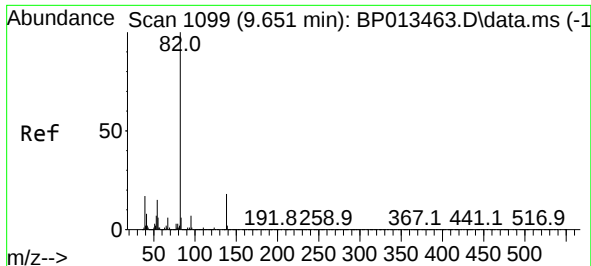
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#24
Nitrobenzene
Concen: 7.716 ng
RT: 9.116 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

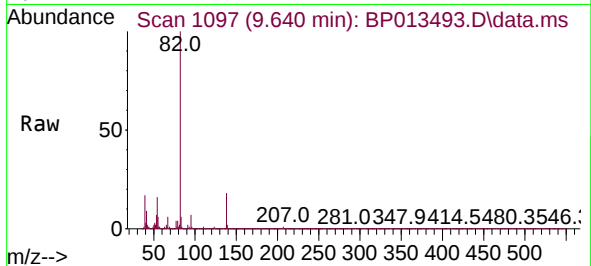
Tgt Ion: 77 Resp: 344692
Ion Ratio Lower Upper
77 100
123 43.8 36.5 54.7
65 13.4 11.0 16.6





#25
Isophorone
Concen: 7.229 ng
RT: 9.640 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

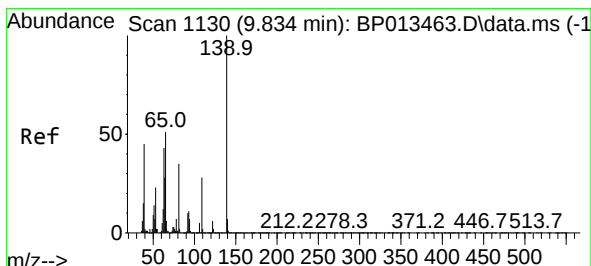
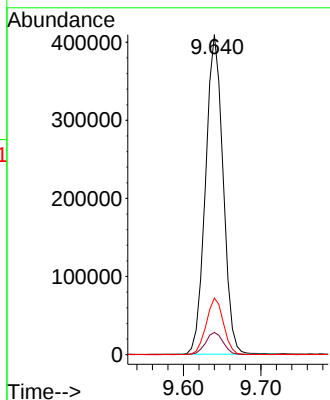
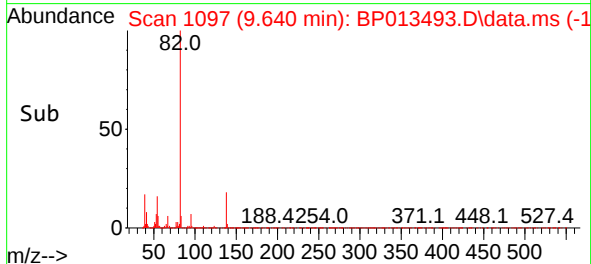
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 82 Resp: 642629
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.0
138 17.7 14.5 21.7

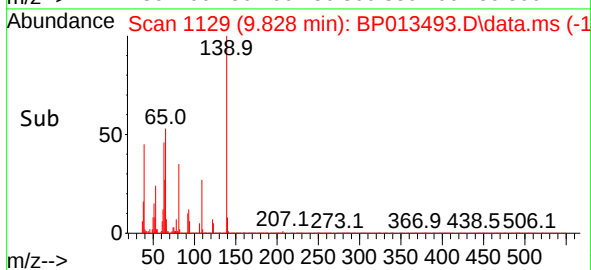
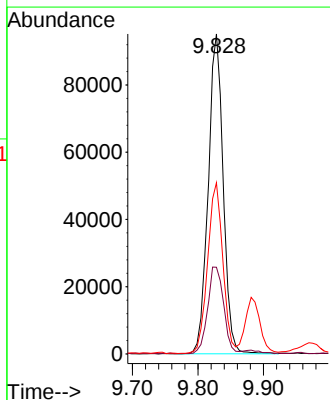
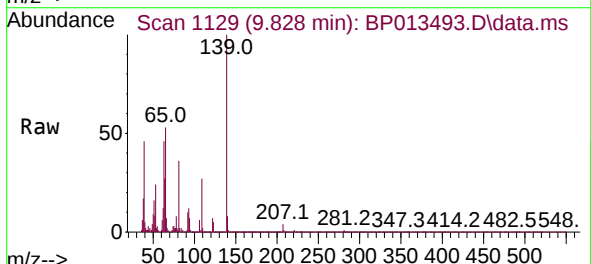
Manual Integrations
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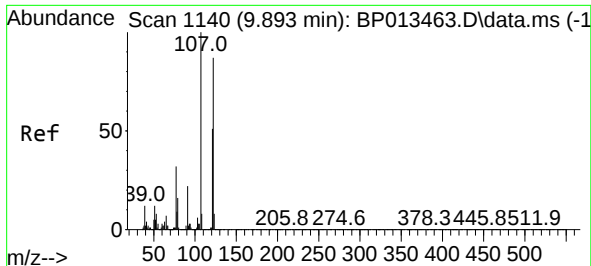
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#26
2-Nitrophenol
Concen: 6.855 ng
RT: 9.828 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:139 Resp: 151381
Ion Ratio Lower Upper
139 100
109 27.1 22.5 33.7
65 53.5 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 6.436 ng

RT: 9.887 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BP013493.D

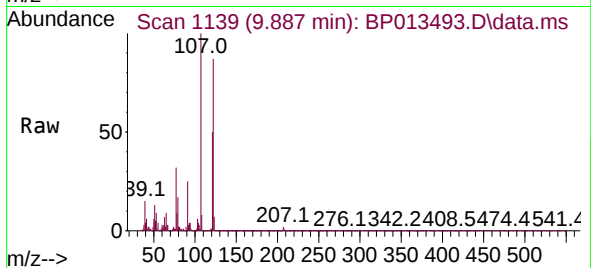
Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 122 Resp: 23395

Ion Ratio Lower Upper

122 100

107 115.6 91.6 137.4

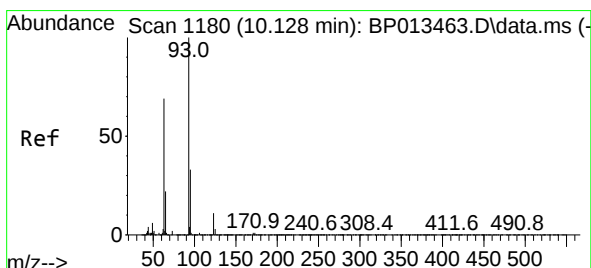
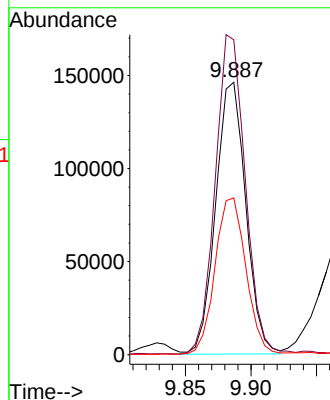
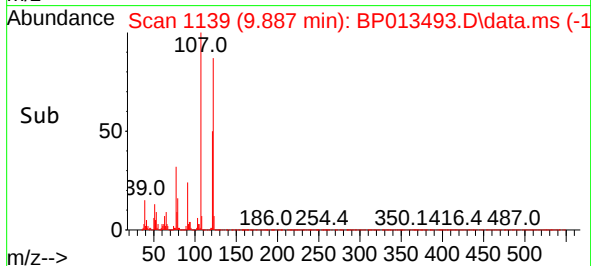
121 57.5 46.3 69.5

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Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 7.448 ng

RT: 10.122 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

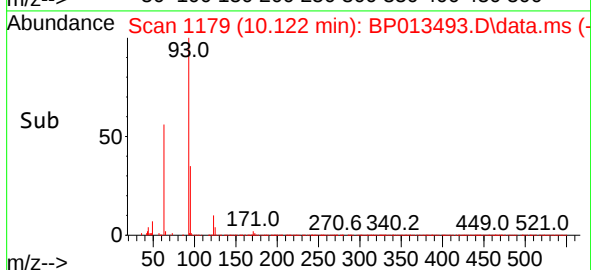
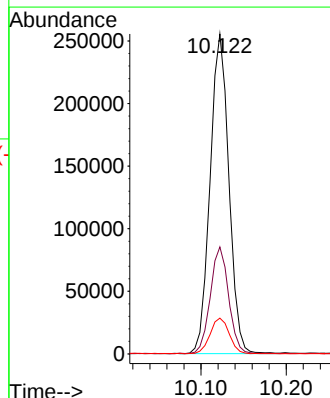
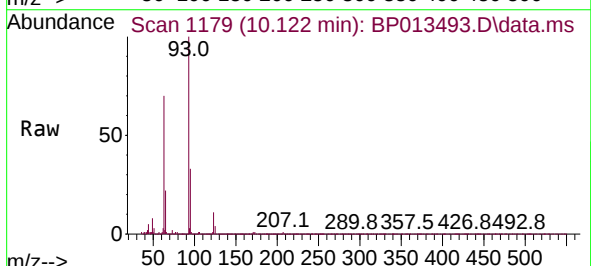
Tgt Ion: 93 Resp: 390509

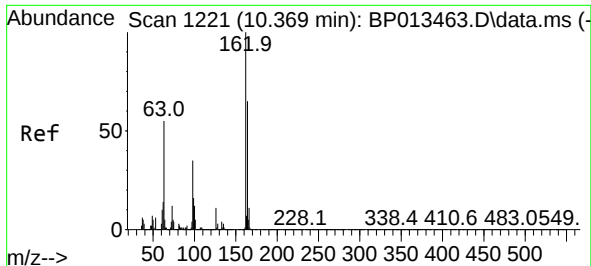
Ion Ratio Lower Upper

93 100

95 33.4 26.1 39.1

123 11.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 7.198 ng

RT: 10.363 min Scan# 1221

Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

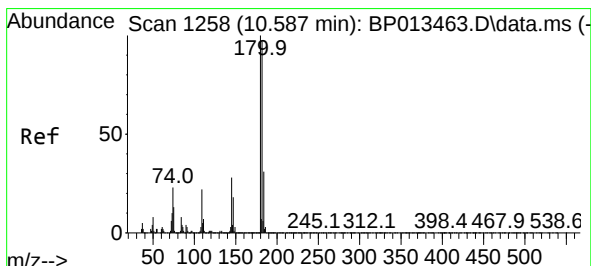
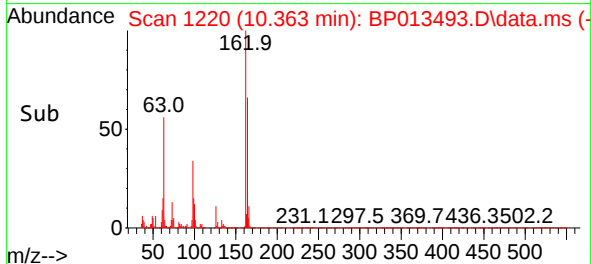
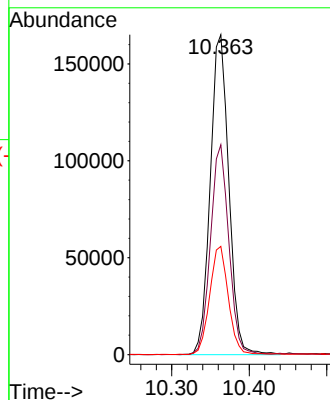
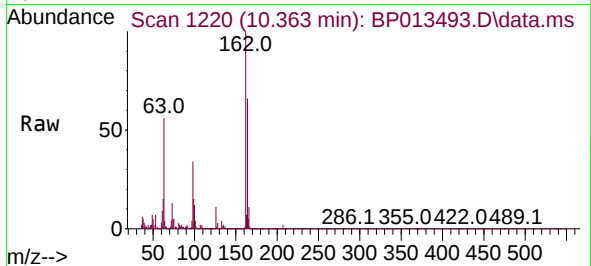
ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:162 Resp: 274587
 Ion Ratio Lower Upper
 162 100
 164 65.6 45.4 85.4
 98 33.8 14.8 54.8

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



#30

1,2,4-Trichlorobenzene

Concen: 7.859 ng

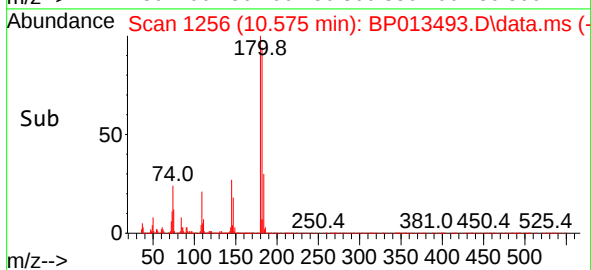
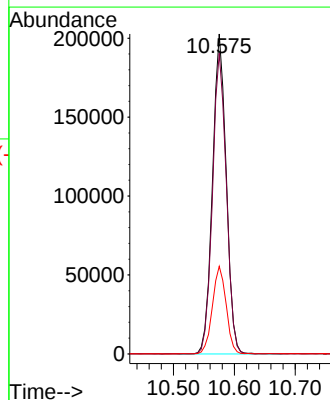
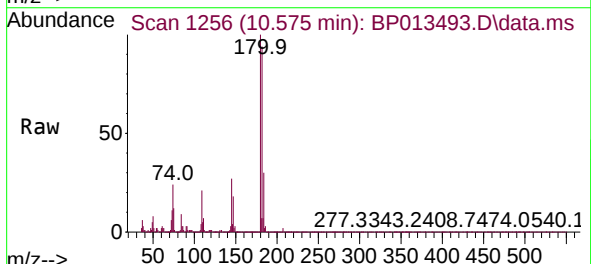
RT: 10.575 min Scan# 1256

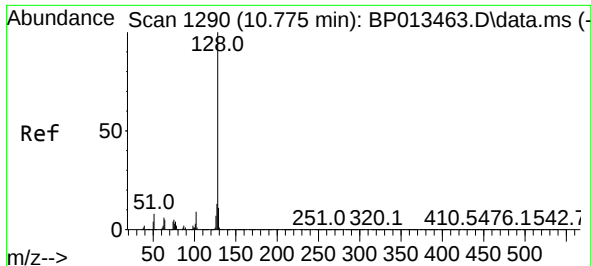
Delta R.T. -0.012 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

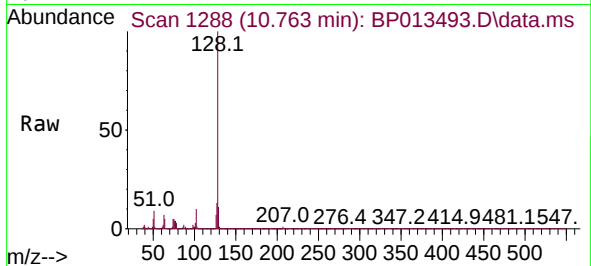
Tgt Ion:180 Resp: 317294
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.3 115.9
 145 27.4 22.8 34.2





#31
Naphthalene
Concen: 7.672 ng
RT: 10.763 min Scan# 1154
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

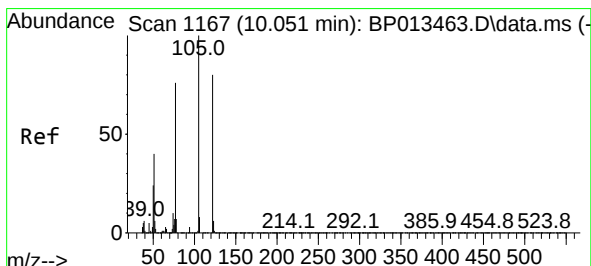
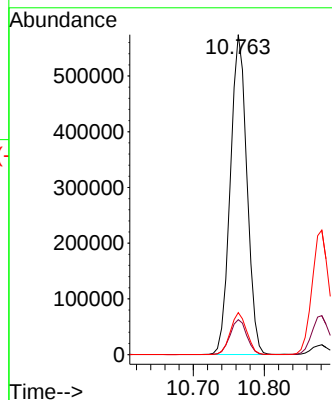
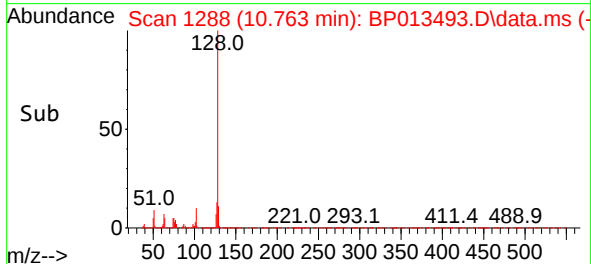
Instrument : BNA_P
Client Sample Id : MDL-WATER-03-QT2-2022



Tgt Ion:128 Resp: 930809
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.1 10.6 16.0

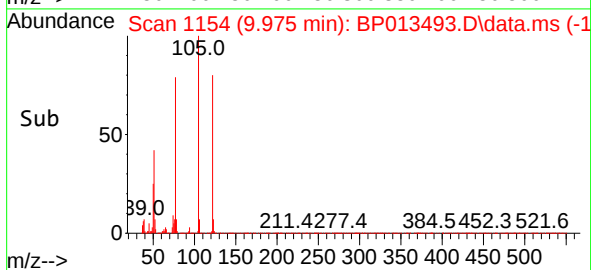
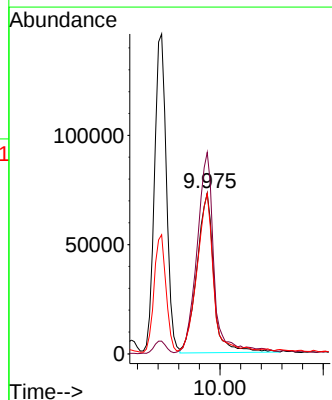
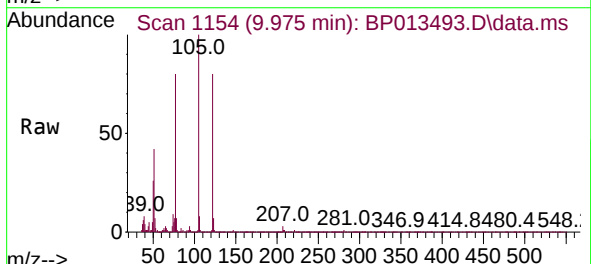
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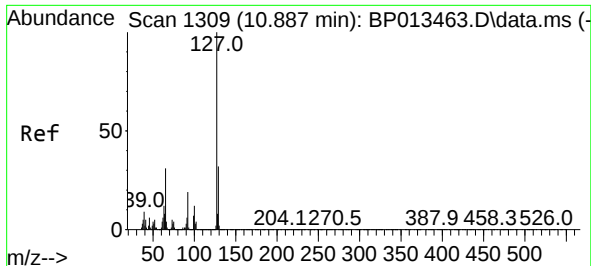
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 5.486 ng
RT: 9.975 min Scan# 1154
Delta R.T. -0.076 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

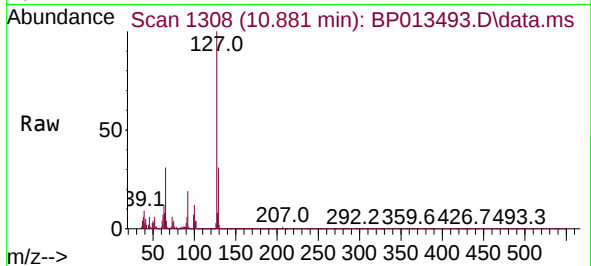
Tgt Ion:122 Resp: 166329
Ion Ratio Lower Upper
122 100
105 125.3 102.7 142.7
77 99.7 74.0 114.0





#33
4-Chloroaniline
Concen: 6.886 ng
RT: 10.881 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

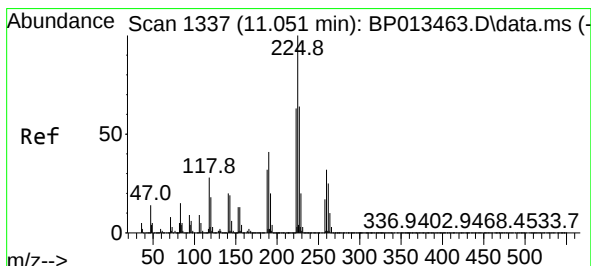
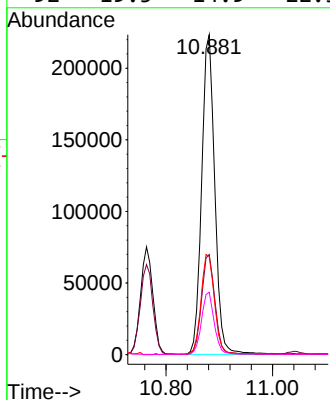
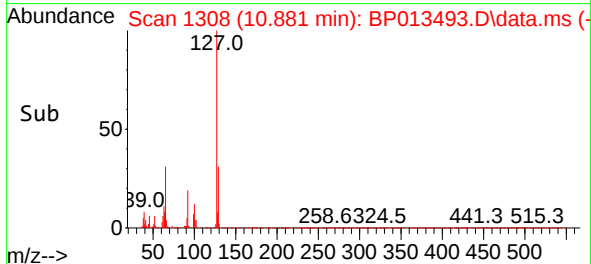


Tgt Ion:127 Resp: 381649

Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.6	38.4
65	30.7	25.2	37.8
92	19.5	14.9	22.3

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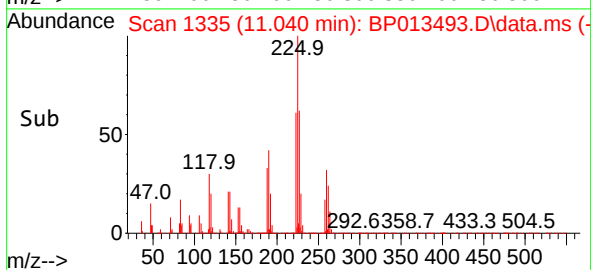
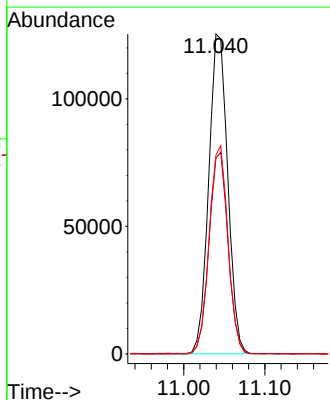
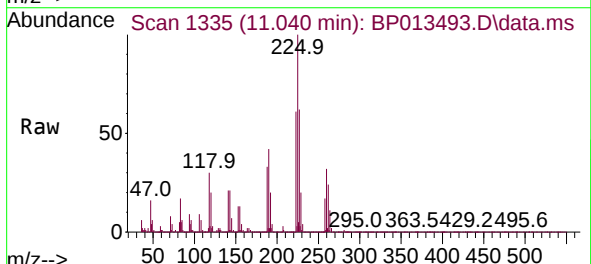
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

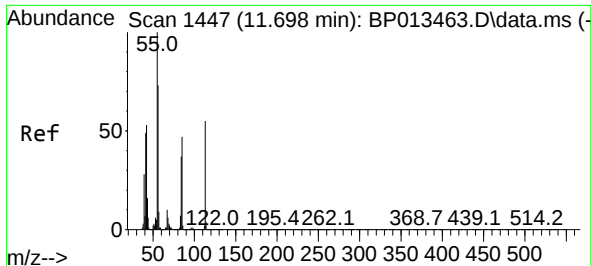


#34
Hexachlorobutadiene
Concen: 8.012 ng
RT: 11.040 min Scan# 1335
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:225 Resp: 203890

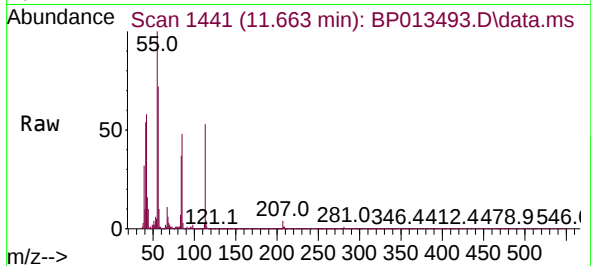
Ion	Ratio	Lower	Upper
225	100		
223	61.1	50.0	75.0
227	62.1	51.0	76.6





#35
Caprolactam
Concen: 6.725 ng
RT: 11.663 min Scan# 1447
Delta R.T. -0.035 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

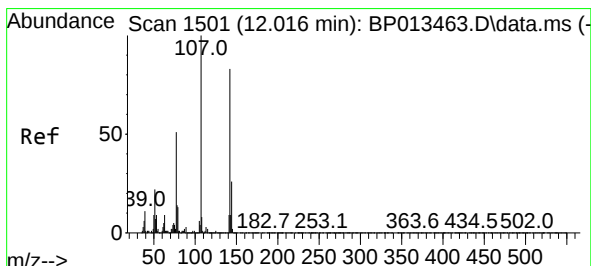
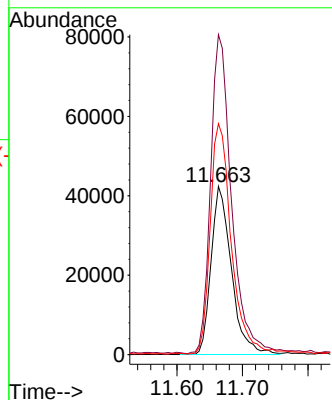
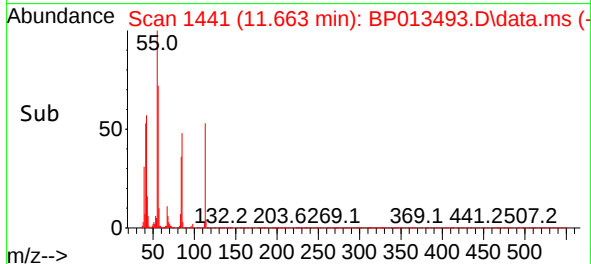
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:113 Resp: 91411
Ion Ratio Lower Upper
113 100
55 190.2 163.1 203.1
56 137.3 113.0 153.0

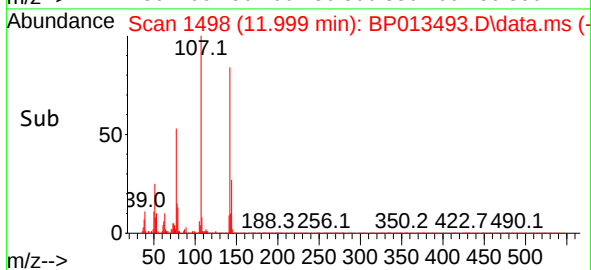
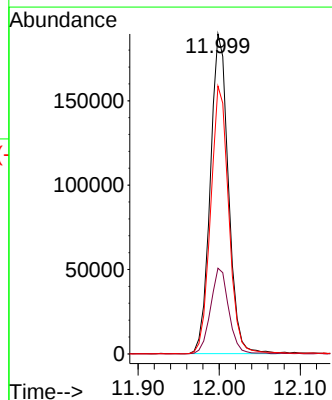
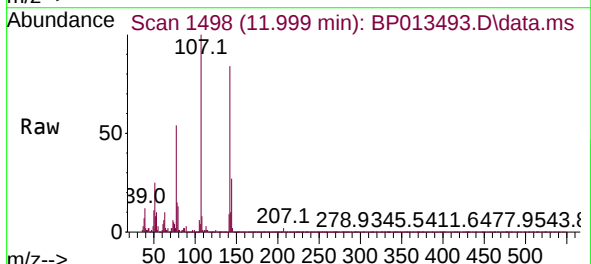
Manual Integrations
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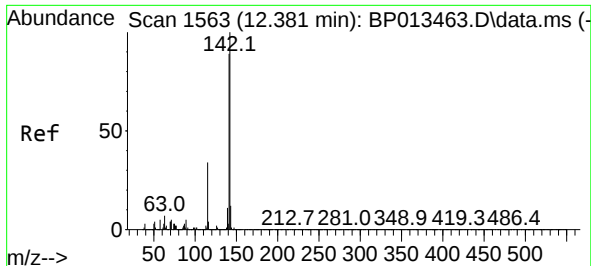
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#36
4-Chloro-3-methylphenol
Concen: 7.068 ng
RT: 11.999 min Scan# 1498
Delta R.T. -0.017 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

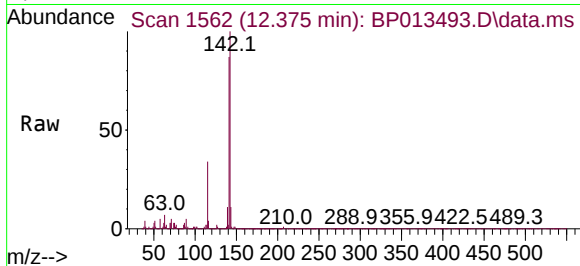
Tgt Ion:107 Resp: 293810
Ion Ratio Lower Upper
107 100
144 26.8 21.2 31.8
142 83.7 66.0 99.0





#37
2-Methylnaphthalene
Concen: 7.254 ng
RT: 12.375 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

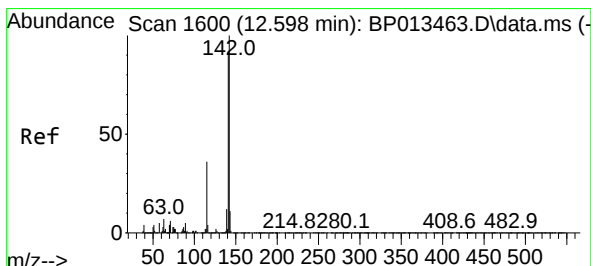
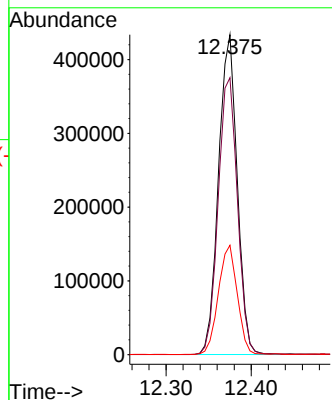
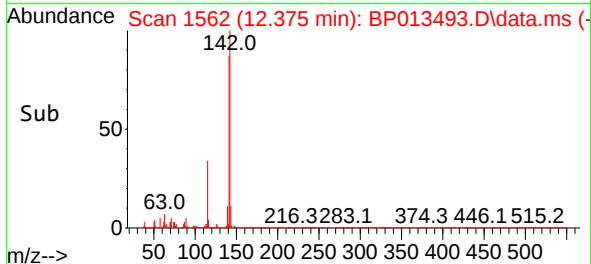
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:142 Resp: 660720
Ion Ratio Lower Upper
142 100
141 86.5 71.1 106.7
115 34.2 27.6 41.4

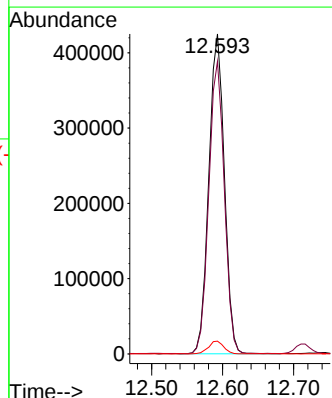
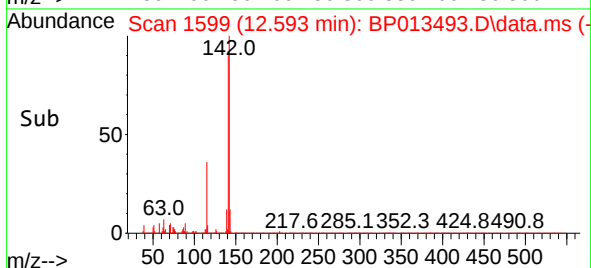
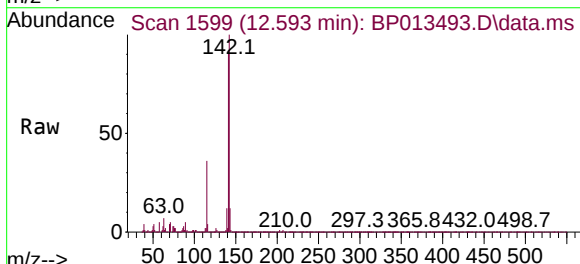
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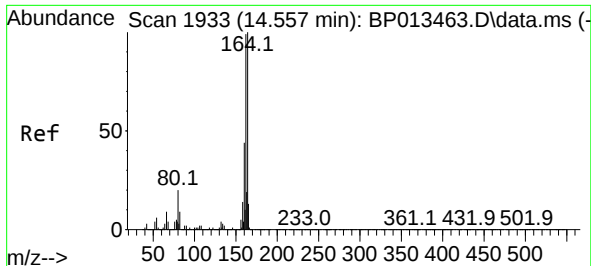
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38
1-Methylnaphthalene
Concen: 7.512 ng
RT: 12.593 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

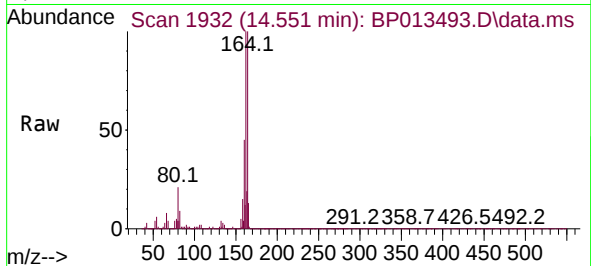
Tgt Ion:142 Resp: 645529
Ion Ratio Lower Upper
142 100
141 91.4 73.3 109.9
116 4.0 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.551 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

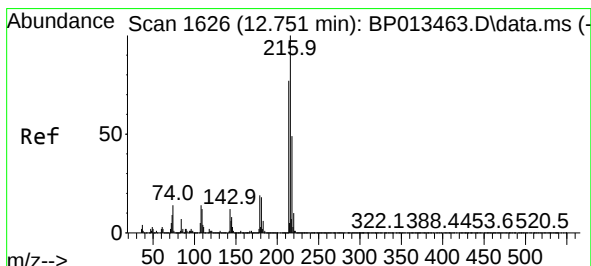
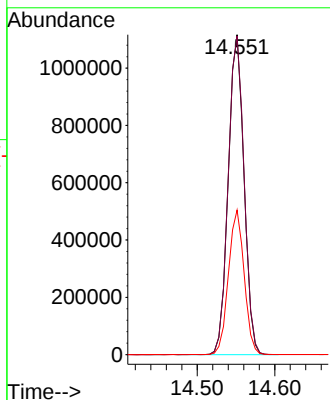
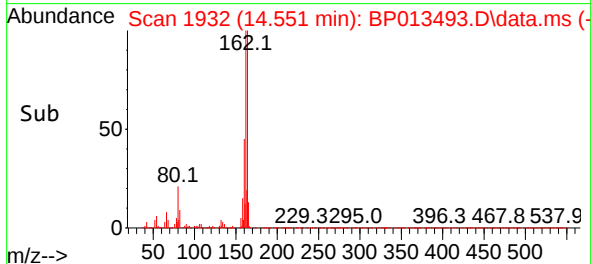
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:164 Resp: 1578060
Ion Ratio Lower Upper
164 100
162 99.6 79.5 119.3
160 45.2 35.4 53.0

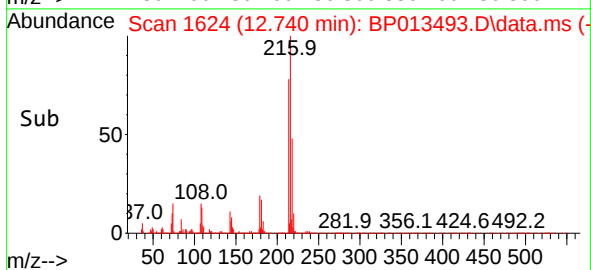
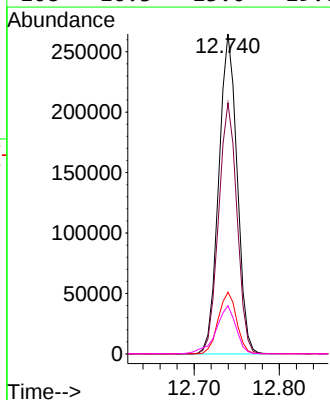
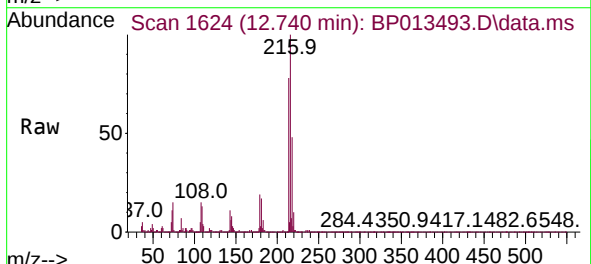
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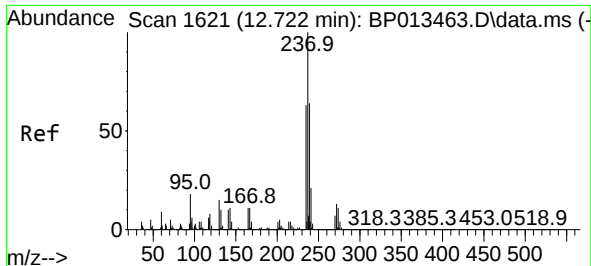
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.652 ng
RT: 12.740 min Scan# 1624
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

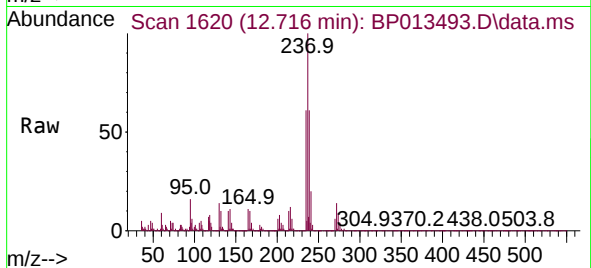
Tgt Ion:216 Resp: 395773
Ion Ratio Lower Upper
216 100
214 78.5 62.1 93.1
179 19.3 15.6 23.4
108 16.3 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 6.861 ng
RT: 12.716 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

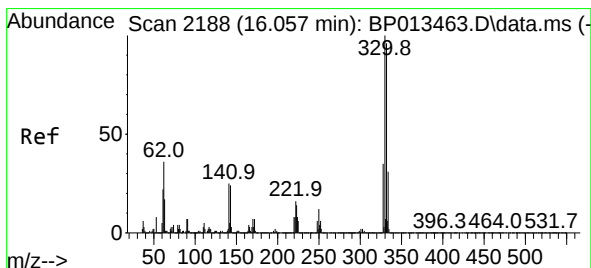
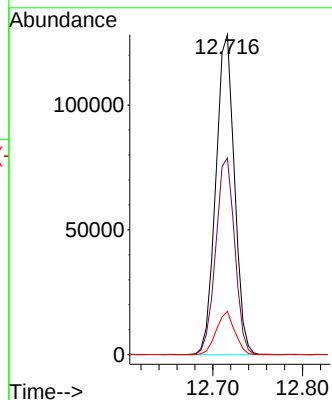
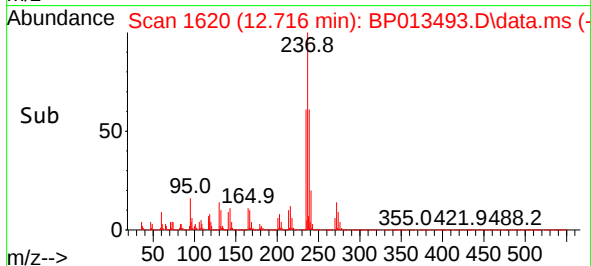
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



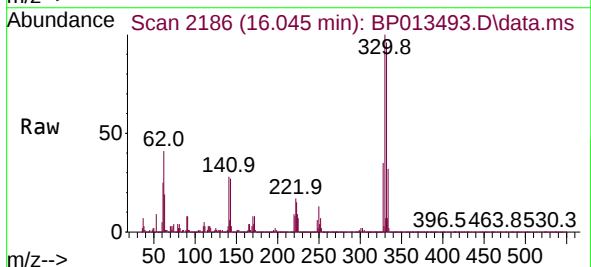
Tgt Ion: 237 Resp: 185033
Ion Ratio Lower Upper
237 100
235 61.4 43.4 83.4
272 13.5 0.0 32.7

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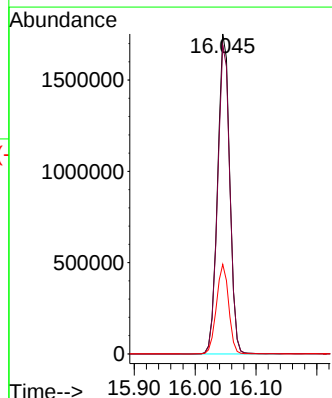
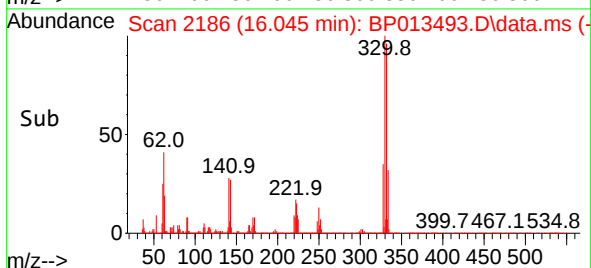
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023

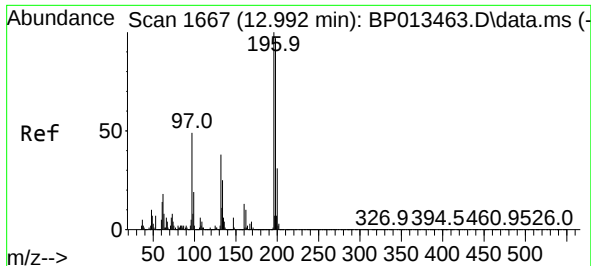


#42
2,4,6-Tribromophenol
Concen: 98.336 ng
RT: 16.045 min Scan# 2186
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



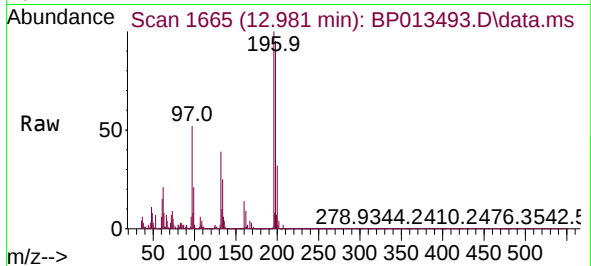
Tgt Ion: 330 Resp: 2422298
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 28.2 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 7.017 ng
RT: 12.981 min Scan# 1665
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

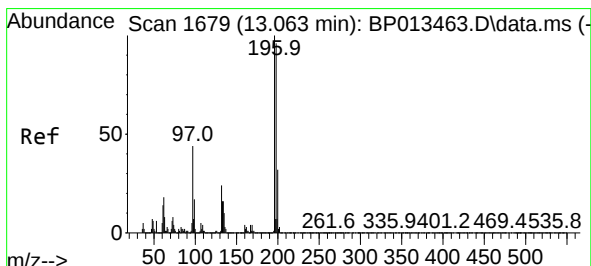
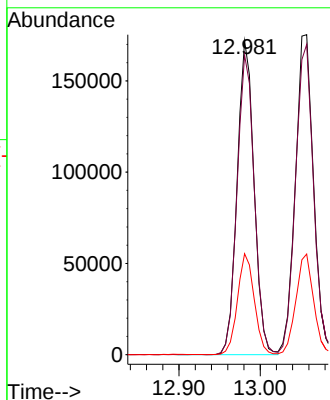
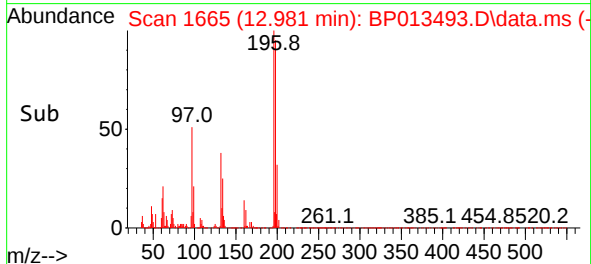
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:196 Resp: 249538
Ion Ratio Lower Upper
196 100
198 95.4 77.4 116.0
200 32.1 24.7 37.1

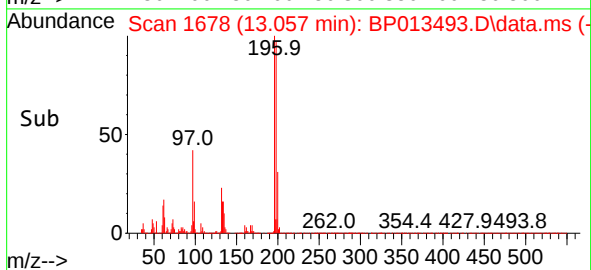
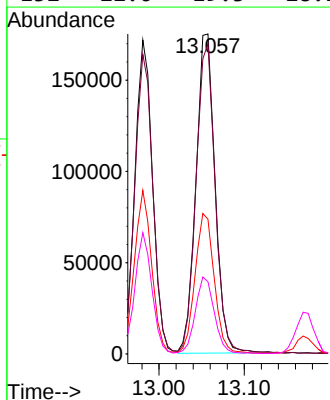
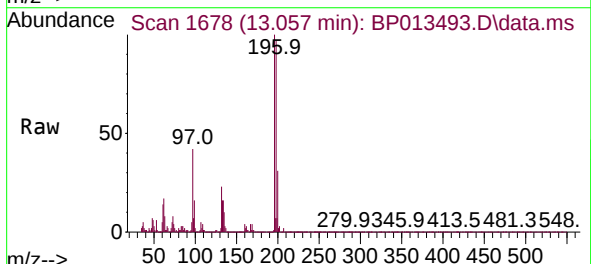
Manual Integrations
APPROVED

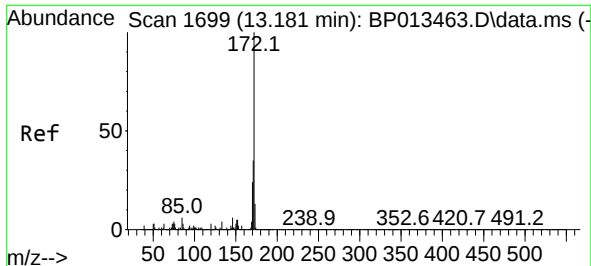
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#44
2,4,5-Trichlorophenol
Concen: 6.561 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

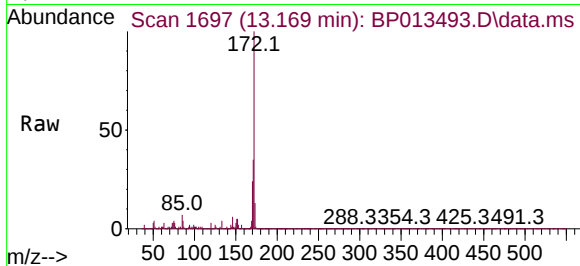
Tgt Ion:196 Resp: 273814
Ion Ratio Lower Upper
196 100
198 96.9 76.8 115.2
97 42.1 34.9 52.3
132 22.6 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 72.385 ng
RT: 13.169 min Scan# 1699
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

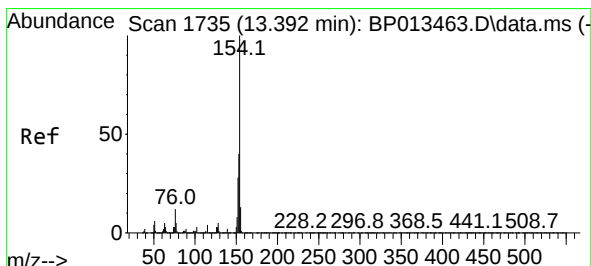
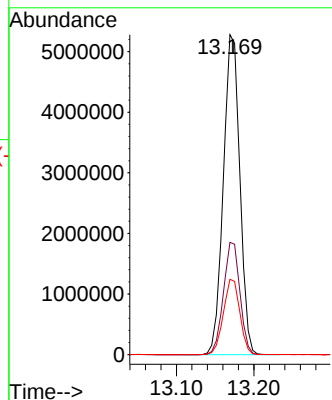
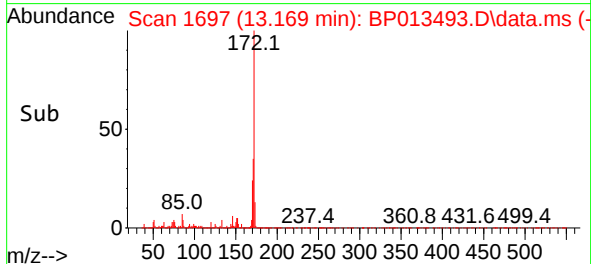
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



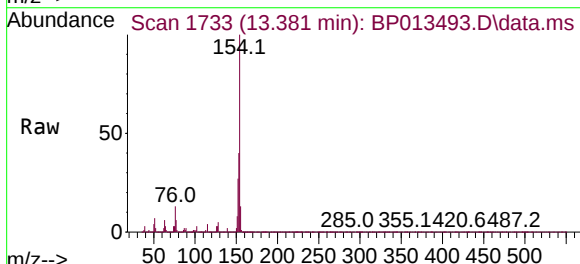
Tgt Ion:172 Resp: 7813980
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.5 19.0 28.4

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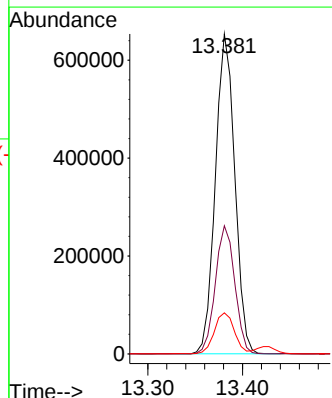
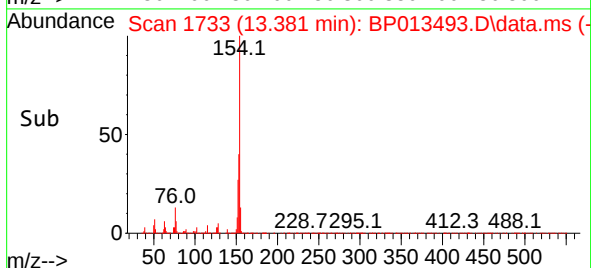
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

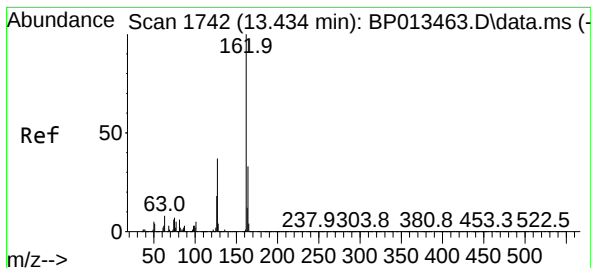


#46
1,1'-Biphenyl
Concen: 7.807 ng
RT: 13.381 min Scan# 1733
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



Tgt Ion:154 Resp: 931476
Ion Ratio Lower Upper
154 100
153 40.0 19.9 59.9
76 12.8 0.0 32.5





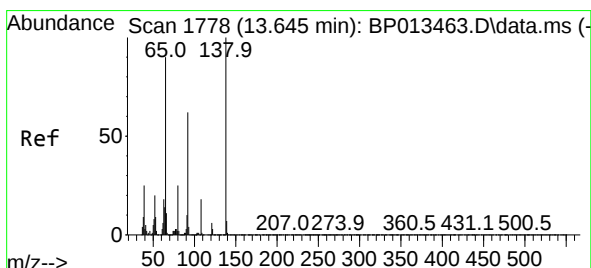
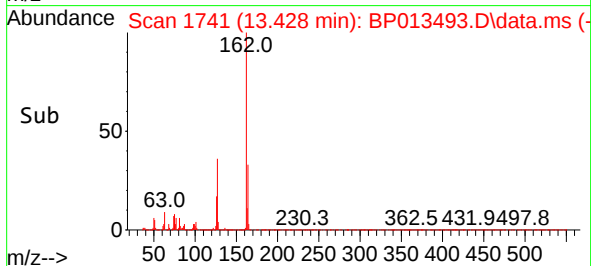
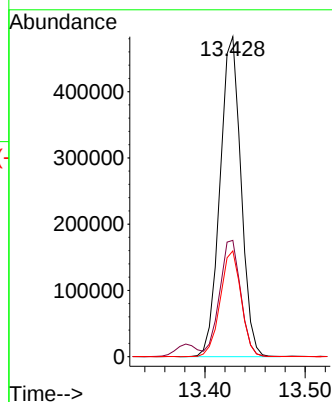
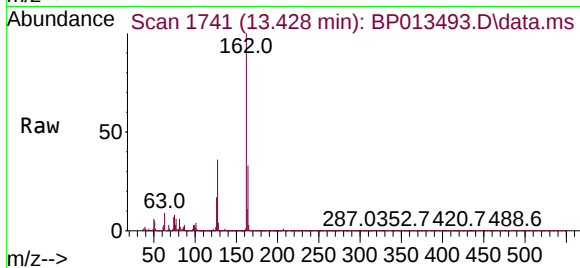
#47
2-Chloronaphthalene
Concen: 7.689 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion: 162 Resp: 70362
Ion Ratio Lower Upper
162 100
127 36.3 29.8 44.8
164 33.0 26.4 39.6

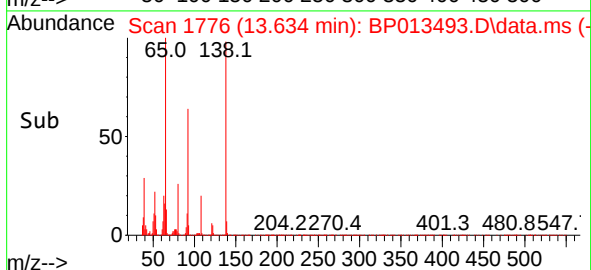
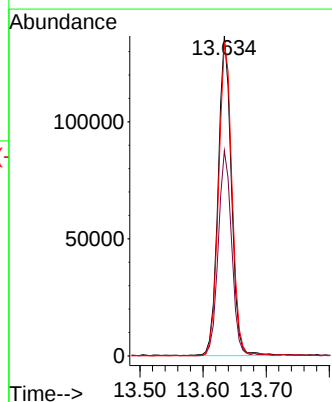
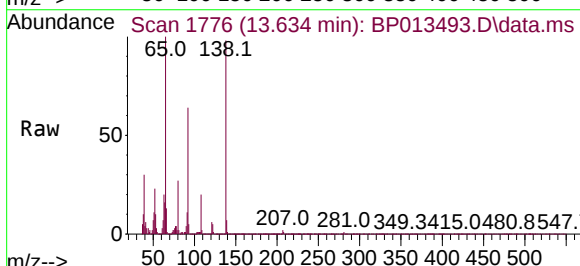
Manual Integrations
APPROVED

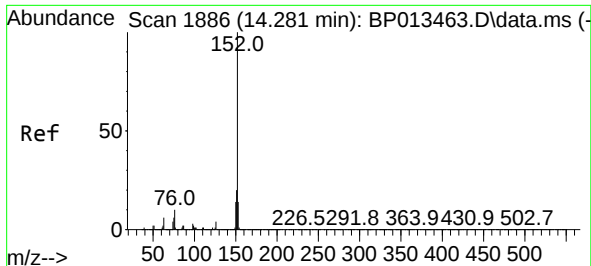
Reviewed By : Christian Giraldo 01/18/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#48
2-Nitroaniline
Concen: 6.618 ng
RT: 13.634 min Scan# 1776
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

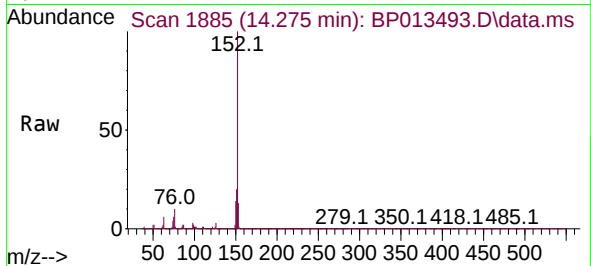
Tgt Ion: 65 Resp: 199334
Ion Ratio Lower Upper
65 100
92 64.1 55.1 82.7
138 98.0 88.5 132.7





#49
Acenaphthylene
Concen: 7.245 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

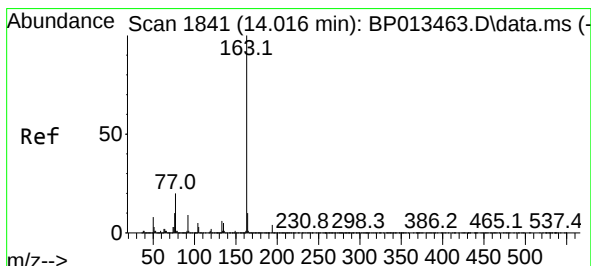
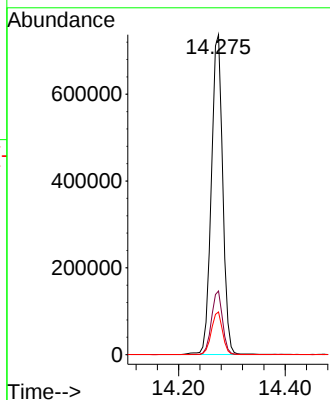
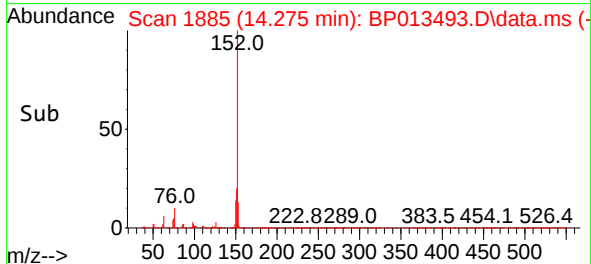
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



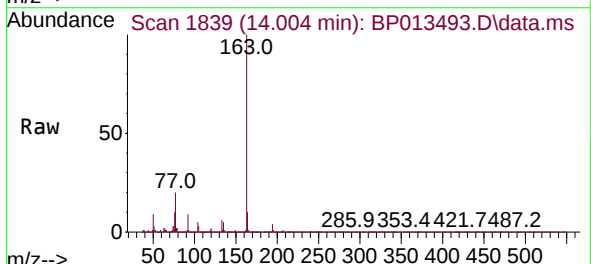
Tgt Ion:152 Resp: 1093306
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.9 16.3

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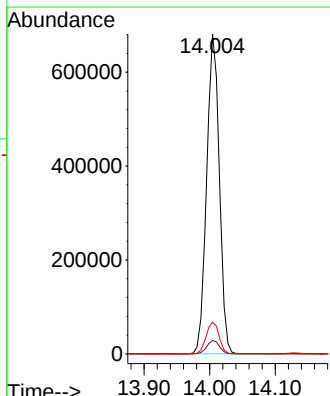
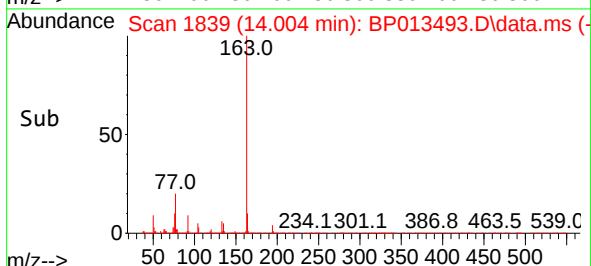
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

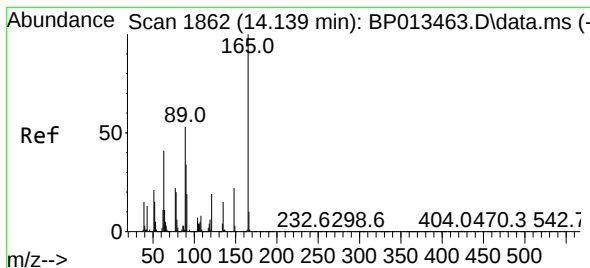


#50
Dimethylphthalate
Concen: 7.285 ng
RT: 14.004 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



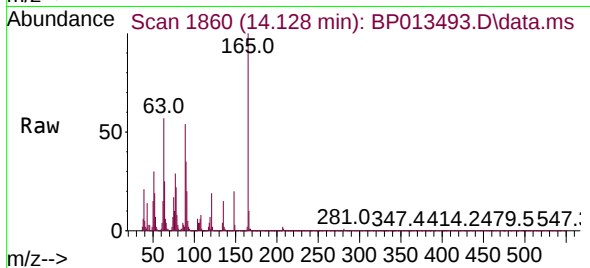
Tgt Ion:163 Resp: 911611
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 6.941 ng
RT: 14.128 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

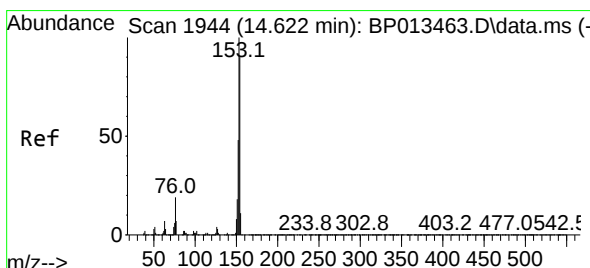
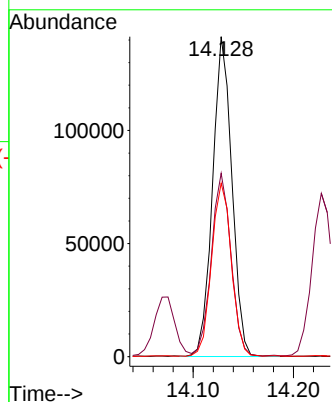
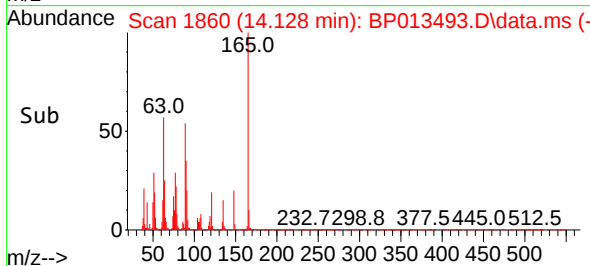
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



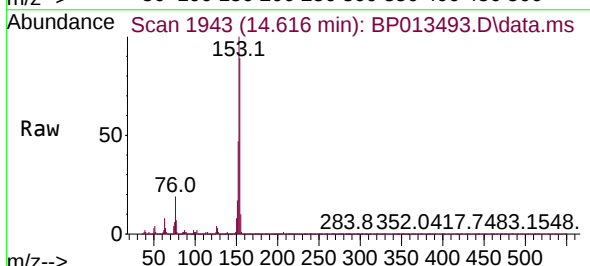
Tgt Ion:165 Resp: 189478
Ion Ratio Lower Upper
165 100
63 57.3 42.8 64.2
89 54.2 42.5 63.7

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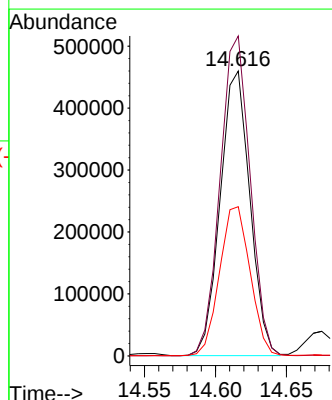
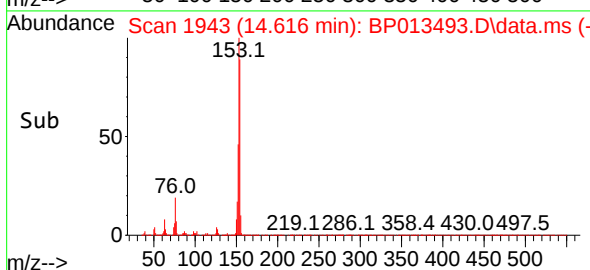
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

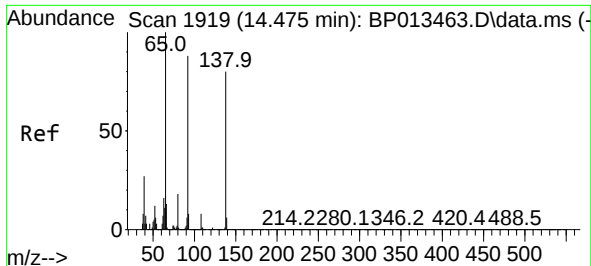


#52
Acenaphthene
Concen: 7.484 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



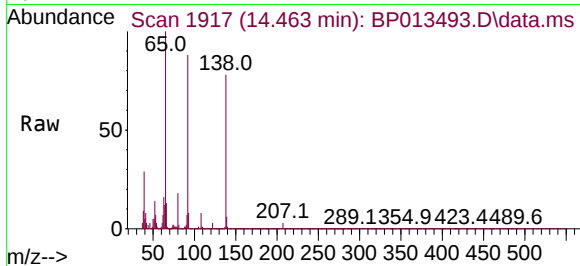
Tgt Ion:154 Resp: 668404
Ion Ratio Lower Upper
154 100
153 112.3 89.2 133.8
152 52.3 42.8 64.2





#53
3-Nitroaniline
Concen: 6.351 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

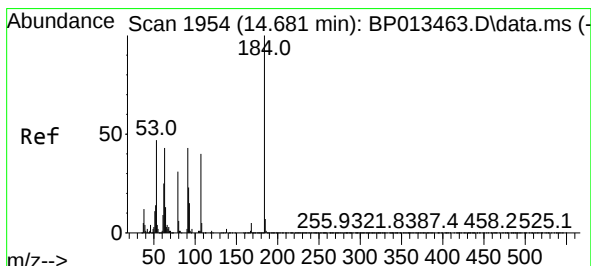
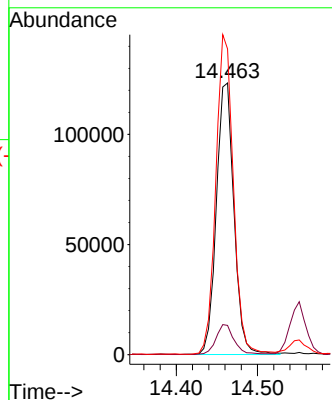
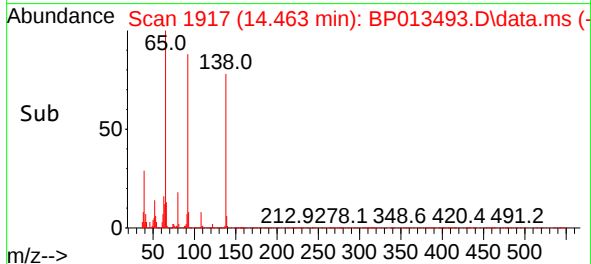
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:138 Resp: 185483
Ion Ratio Lower Upper
138 100
108 10.7 7.7 11.5
92 112.6 88.2 132.2

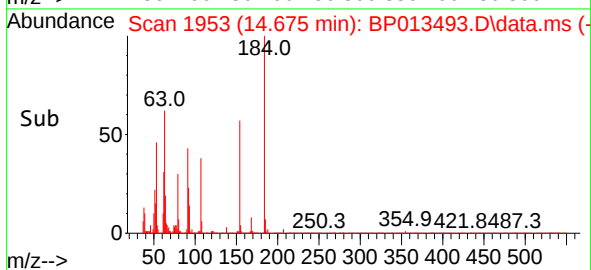
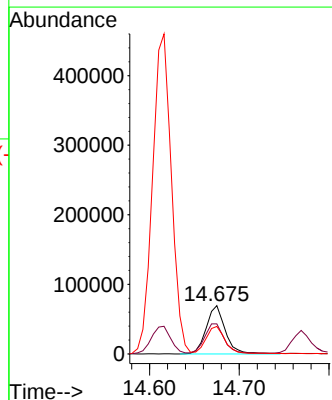
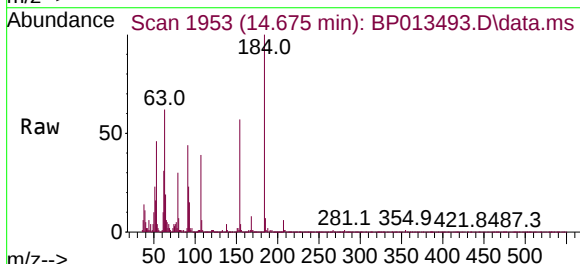
Manual Integrations
APPROVED

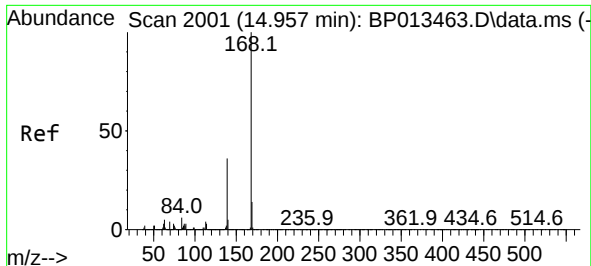
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#54
2,4-Dinitrophenol
Concen: 5.492 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:184 Resp: 101869
Ion Ratio Lower Upper
184 100
63 62.3 49.8 74.8
154 57.0 45.8 68.8





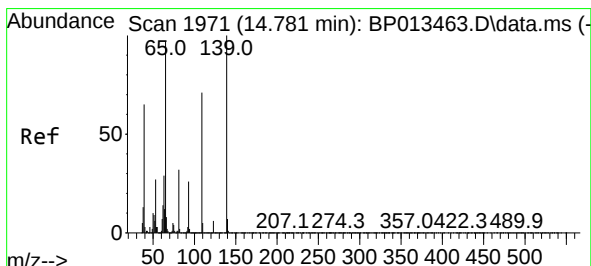
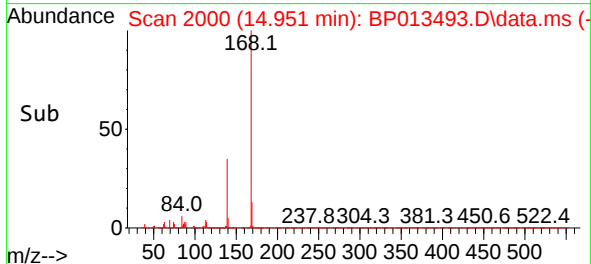
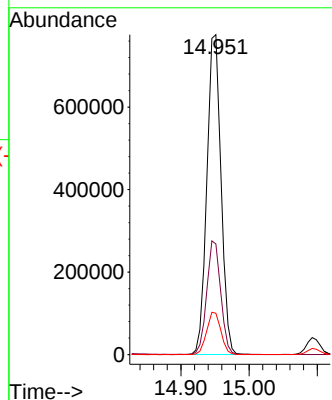
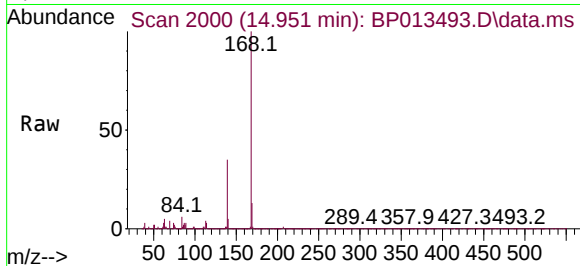
#55
Dibenzofuran
Concen: 7.543 ng
RT: 14.951 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion:168 Resp: 1117023
Ion Ratio Lower Upper
168 100
139 34.6 28.6 43.0
169 12.9 11.0 16.6

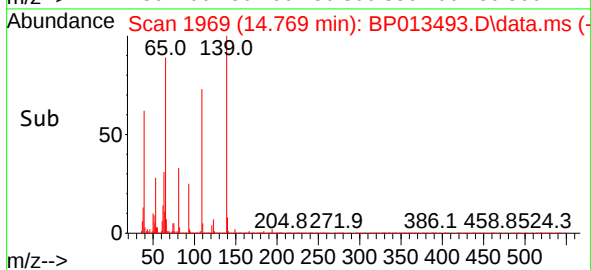
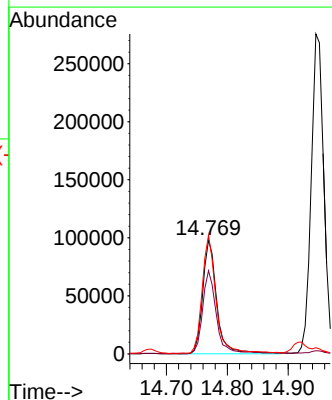
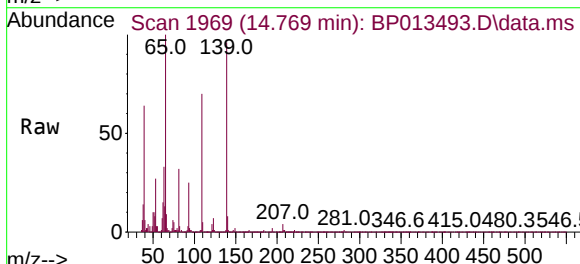
Manual Integrations
APPROVED

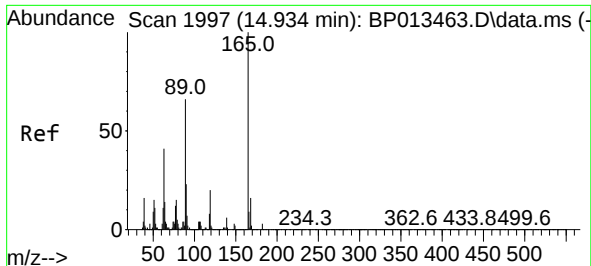
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 6.691 ng
RT: 14.769 min Scan# 1969
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

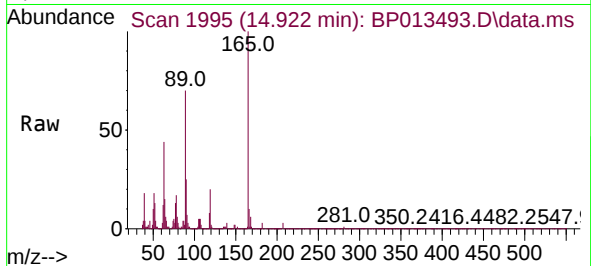
Tgt Ion:139 Resp: 157017
Ion Ratio Lower Upper
139 100
109 73.1 51.0 91.0
65 104.4 77.3 117.3





#57
2,4-Dinitrotoluene
Concen: 6.659 ng
RT: 14.922 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

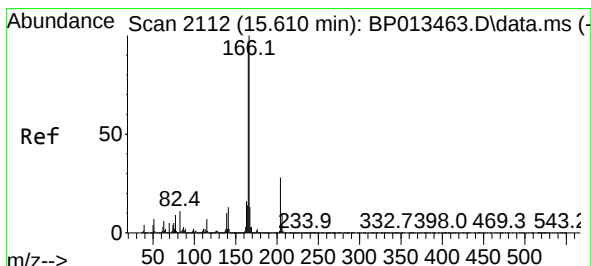
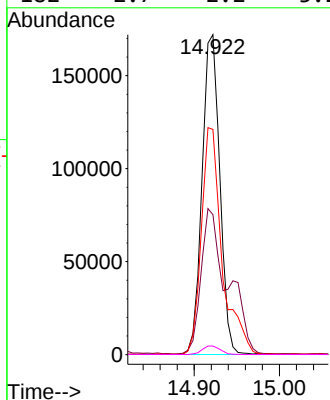
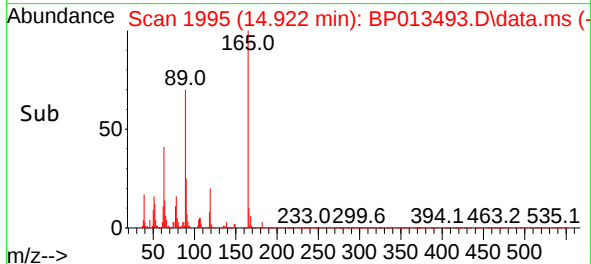
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



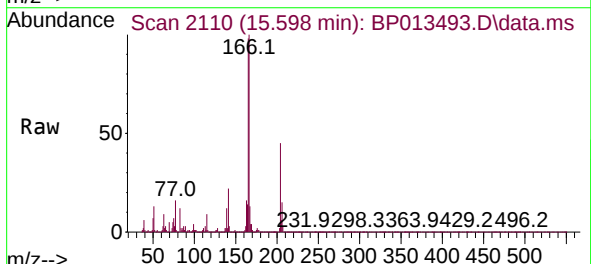
Tgt Ion:165 Resp: 248559
Ion Ratio Lower Upper
165 100
63 43.7 33.3 49.9
89 70.4 52.6 78.8
182 2.7 2.2 3.2

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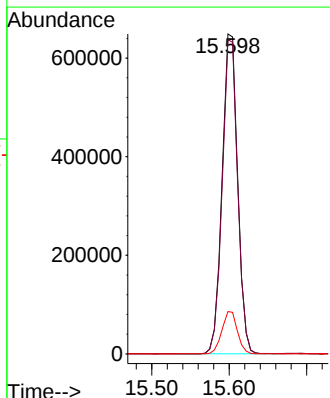
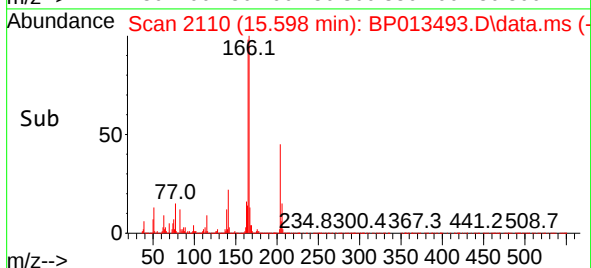
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

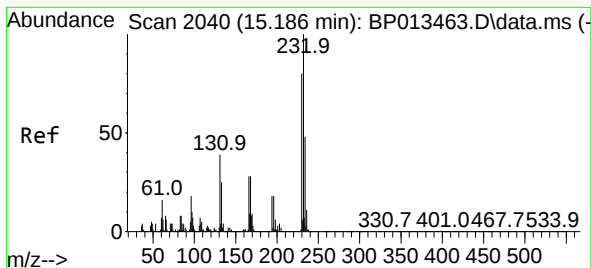


#58
Fluorene
Concen: 7.741 ng
RT: 15.598 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



Tgt Ion:166 Resp: 904656
Ion Ratio Lower Upper
166 100
165 98.2 77.9 116.9
167 13.2 10.7 16.1





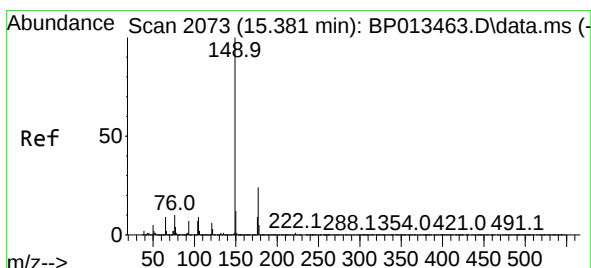
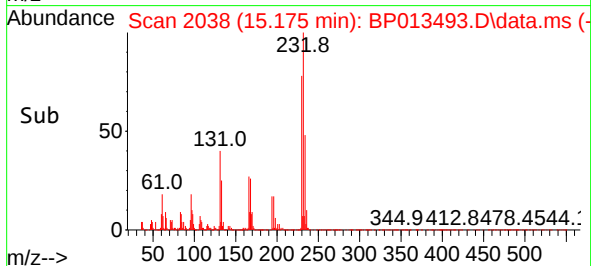
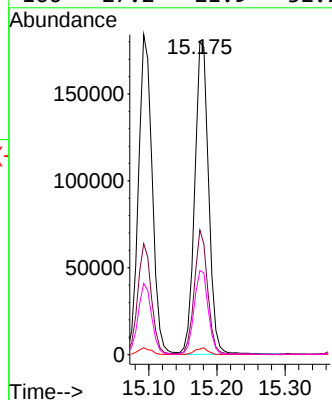
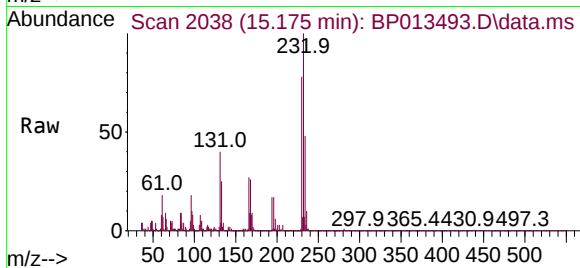
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.061 ng
RT: 15.175 min Scan# 2040
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion:232 Resp: 254821
Ion Ratio Lower Upper
232 100
131 38.4 30.3 45.5
130 2.0 1.7 2.5
166 27.2 21.9 32.9

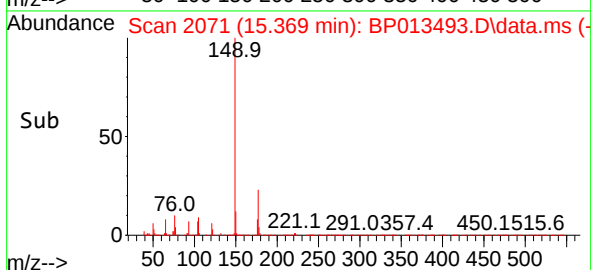
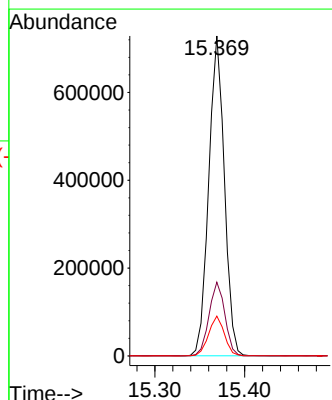
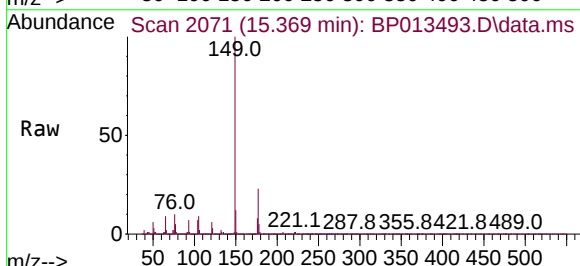
Manual Integrations
APPROVED

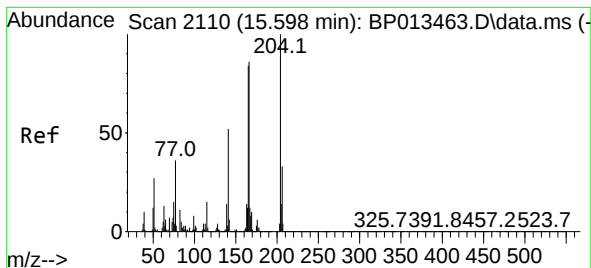
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#60
Diethylphthalate
Concen: 7.199 ng
RT: 15.369 min Scan# 2071
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

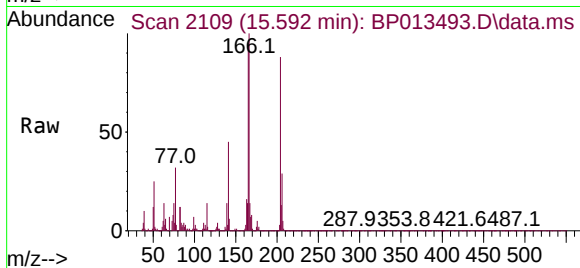
Tgt Ion:149 Resp: 881549
Ion Ratio Lower Upper
149 100
177 23.0 18.8 28.2
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 7.769 ng
RT: 15.592 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

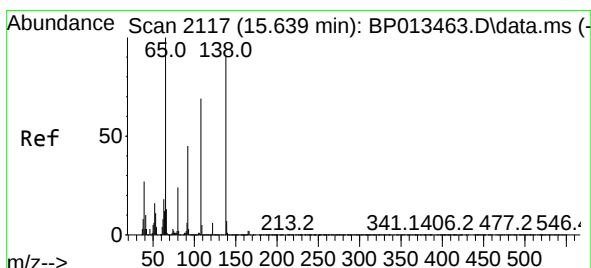
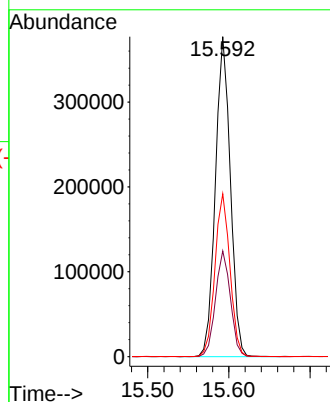
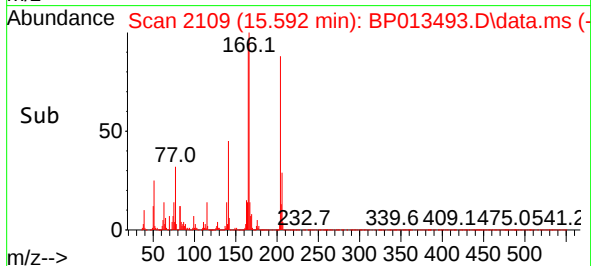
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



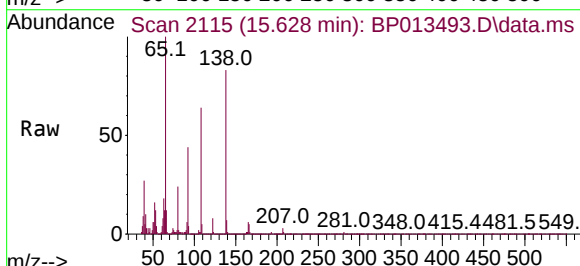
Tgt Ion:204 Resp: 482158
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 50.9 41.3 61.9

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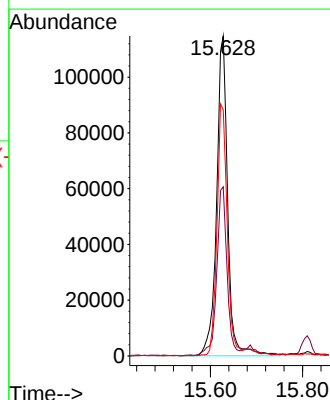
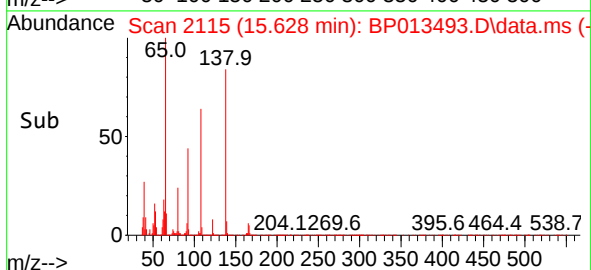
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

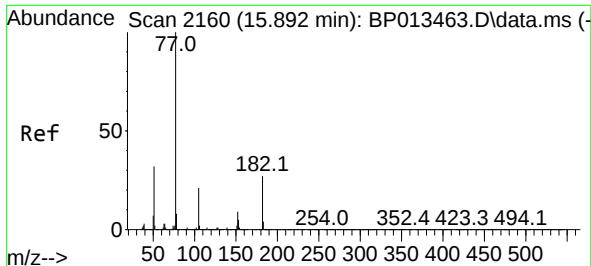


#62
4-Nitroaniline
Concen: 6.399 ng
RT: 15.628 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



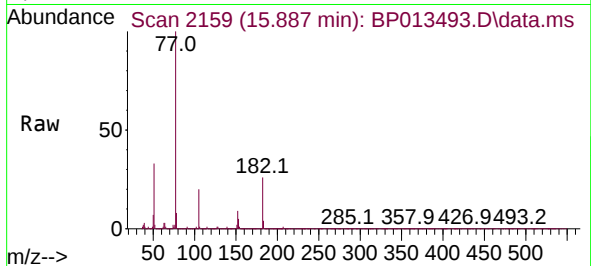
Tgt Ion:138 Resp: 191318
Ion Ratio Lower Upper
138 100
92 52.8 29.7 69.7
108 76.9 55.8 95.8





#63
Azobenzene
Concen: 7.283 ng
RT: 15.887 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

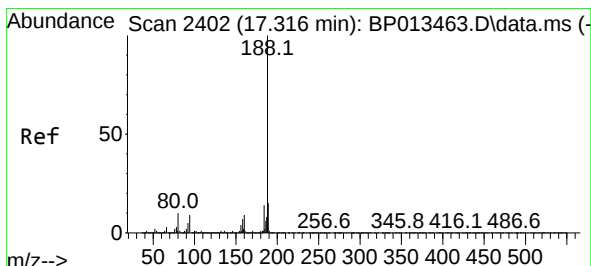
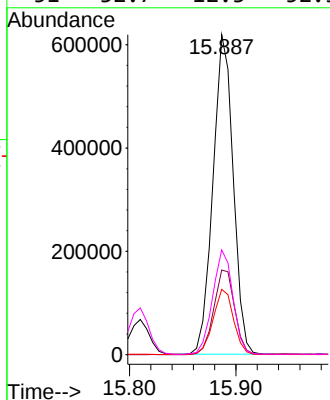
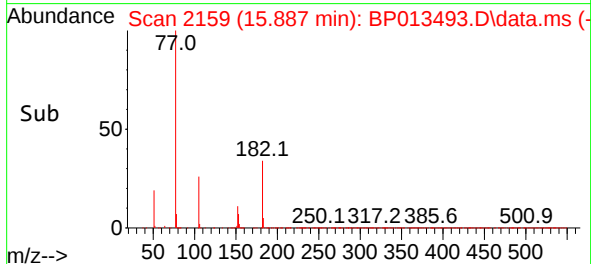
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion: 77 Resp: 818891
Ion Ratio Lower Upper
77 100
182 26.5 7.0 47.0
105 20.4 1.0 41.0
51 32.7 12.3 52.3

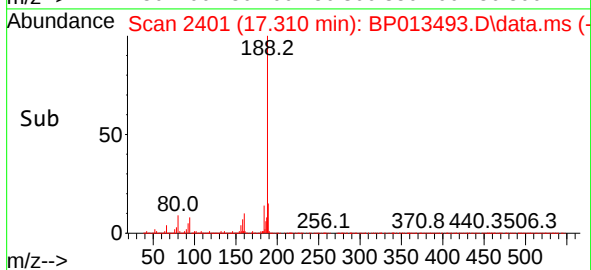
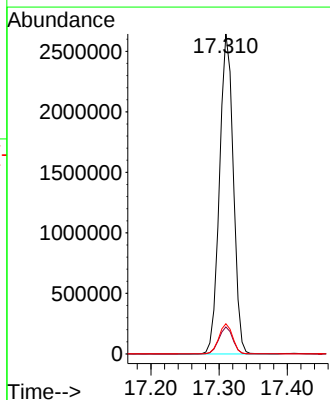
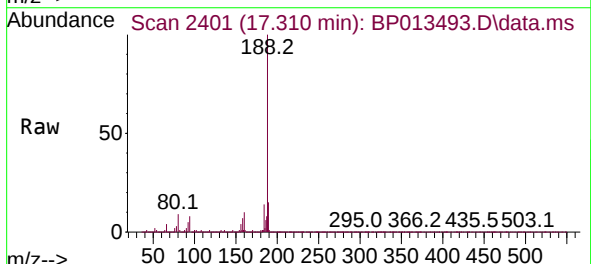
Manual Integrations
APPROVED

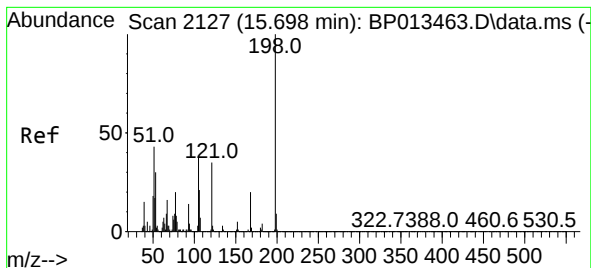
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:188 Resp: 3689455
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 9.4 7.9 11.9





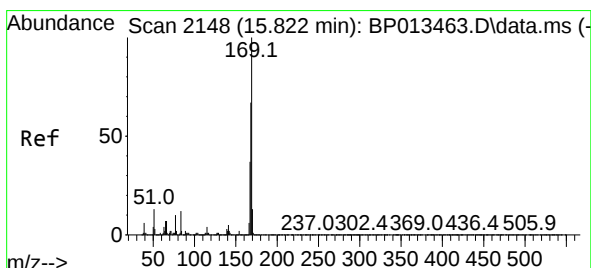
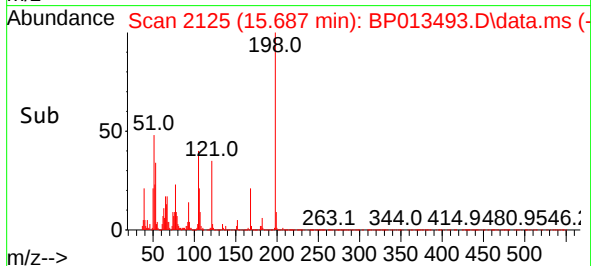
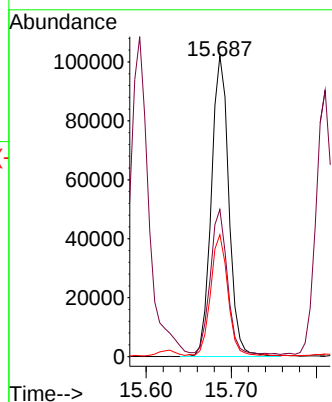
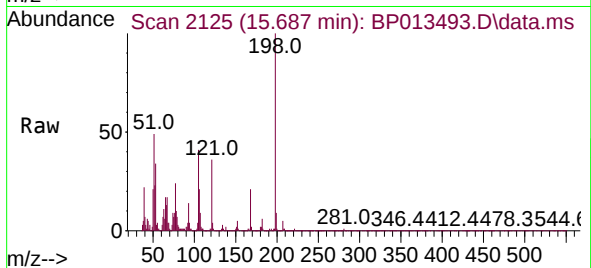
#65
4,6-Dinitro-2-methylphenol
Concen: 5.776 ng
RT: 15.687 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion:198 Resp: 145740
Ion Ratio Lower Upper
198 100
51 49.0 23.6 63.6
105 40.5 17.9 57.9

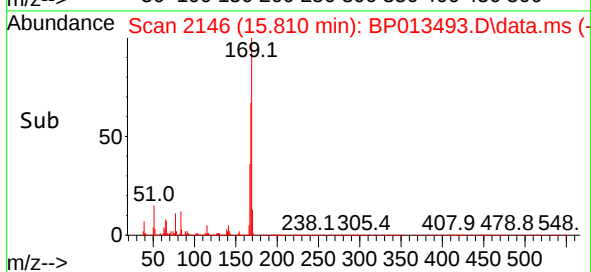
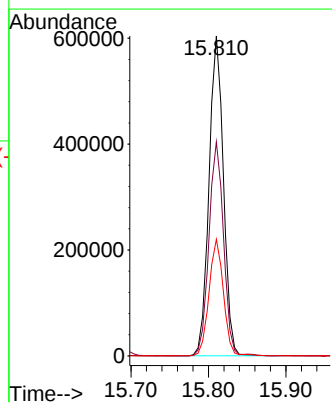
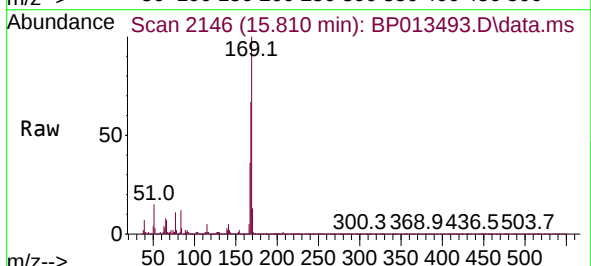
Manual Integrations
APPROVED

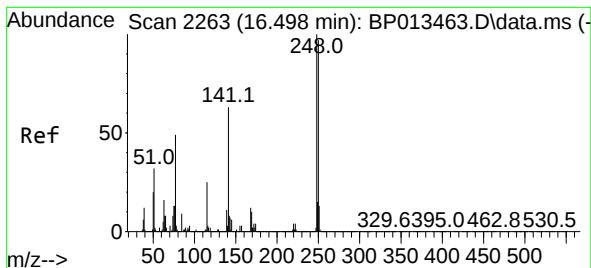
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#66
n-Nitrosodiphenylamine
Concen: 7.195 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

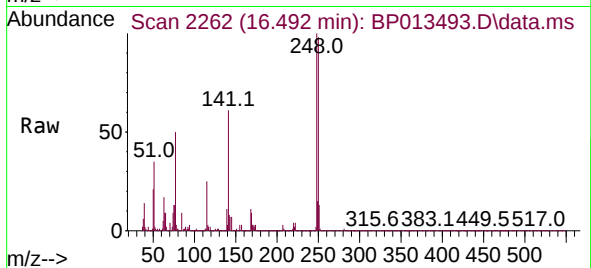
Tgt Ion:169 Resp: 780013
Ion Ratio Lower Upper
169 100
168 66.9 53.3 79.9
167 36.4 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 7.039 ng
RT: 16.492 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

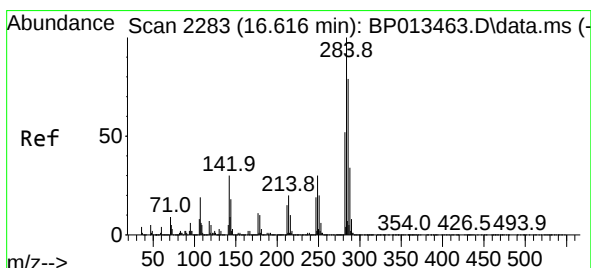
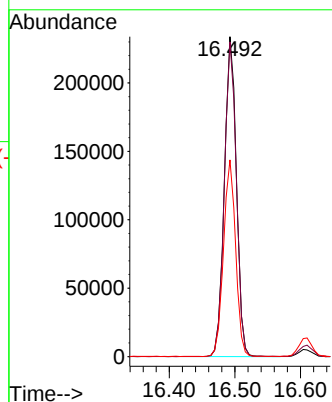
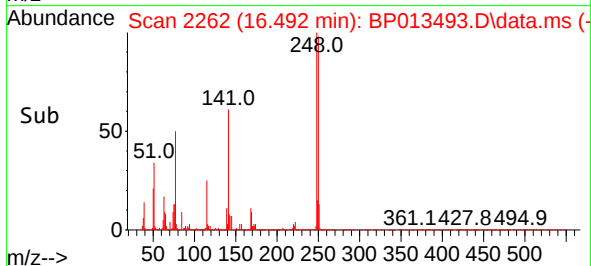
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:248 Resp: 298966
Ion Ratio Lower Upper
248 100
250 98.3 77.7 116.5
141 61.5 50.2 75.4

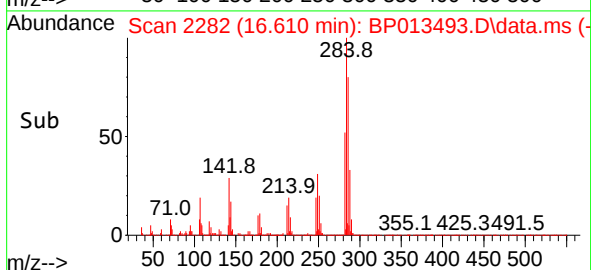
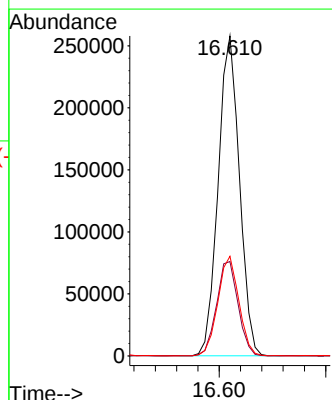
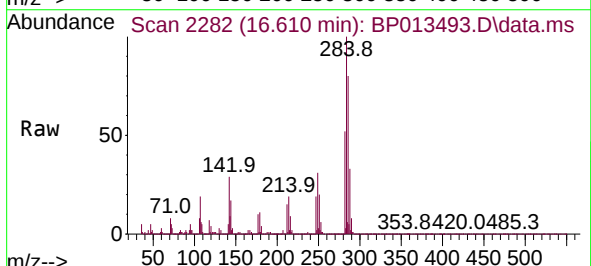
Manual Integrations
APPROVED

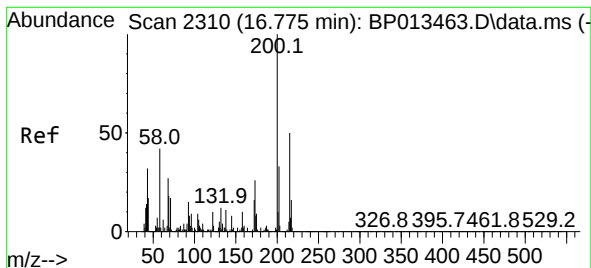
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#68
Hexachlorobenzene
Concen: 7.748 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:284 Resp: 358363
Ion Ratio Lower Upper
284 100
142 29.5 23.9 35.9
249 31.1 24.1 36.1





#69

Atrazine

Concen: 7.523 ng

RT: 16.763 min Scan# 2310

Delta R.T. -0.012 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

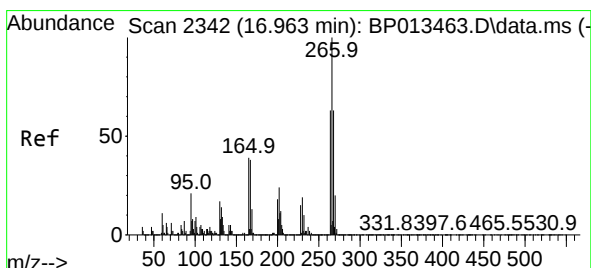
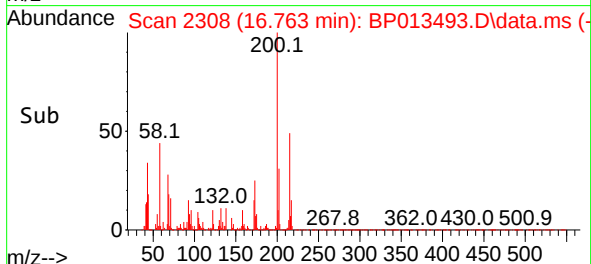
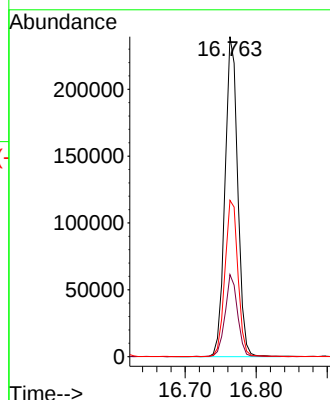
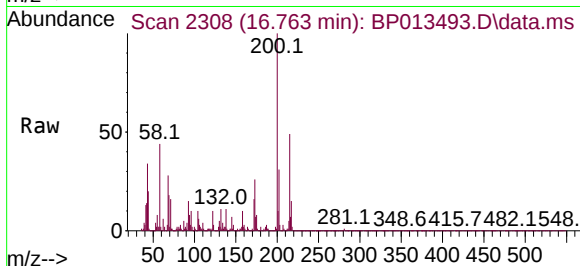
MDL-WATER-03-QT2-2022

Tgt Ion:200 Resp: 298725
 Ion Ratio Lower Upper
 200 100
 173 25.6 5.9 45.9
 215 48.8 30.0 70.0

Manual Integrations

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



#70

Pentachlorophenol

Concen: 5.756 ng

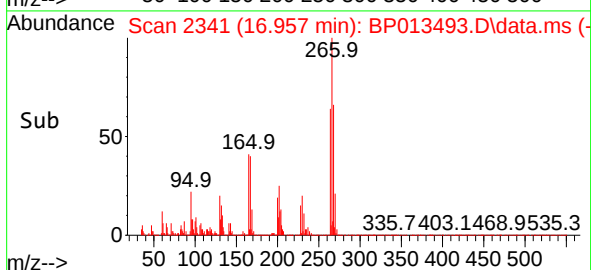
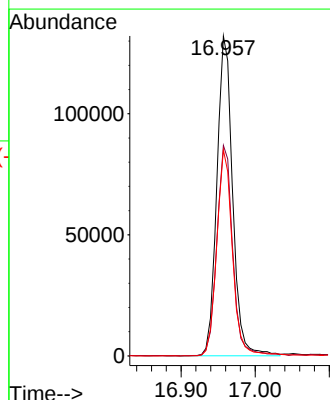
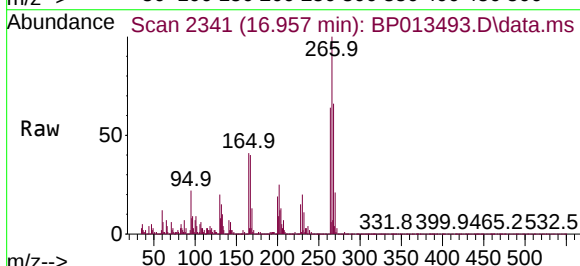
RT: 16.957 min Scan# 2341

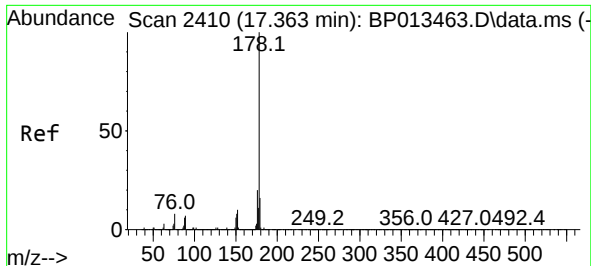
Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

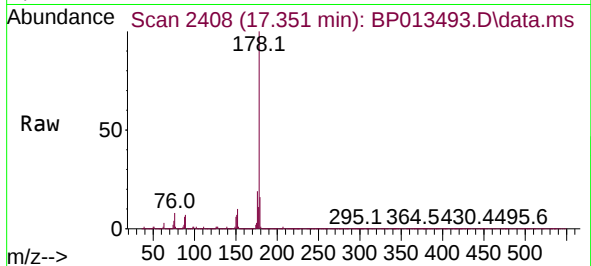
Tgt Ion:266 Resp: 195115
 Ion Ratio Lower Upper
 266 100
 268 65.8 50.7 76.1
 264 64.4 50.4 75.6





#71
Phenanthrene
Concen: 7.559 ng
RT: 17.351 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

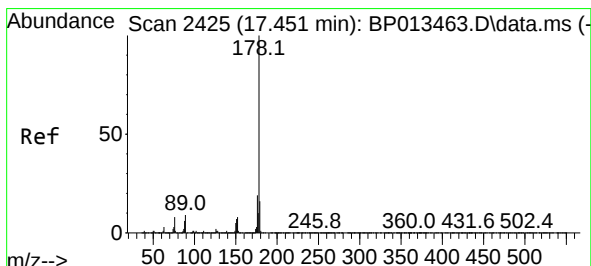
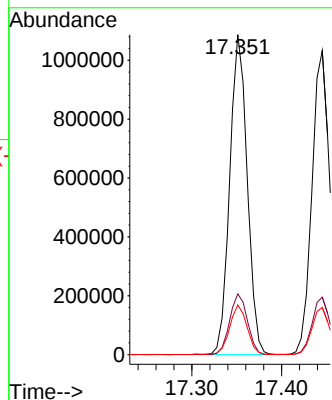
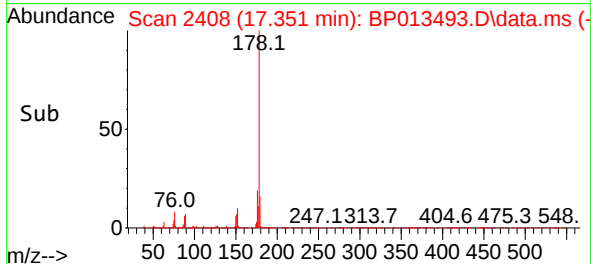
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:178 Resp: 1471539
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.5 12.6 19.0

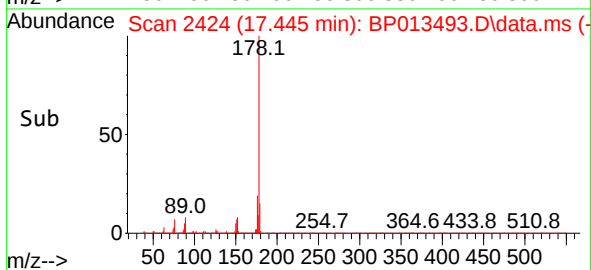
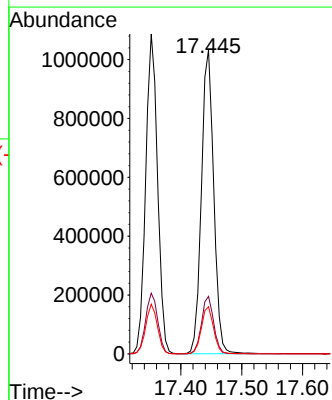
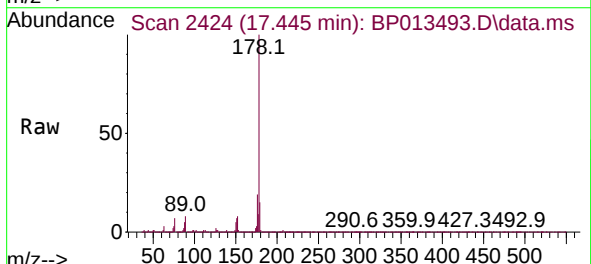
Manual Integrations
APPROVED

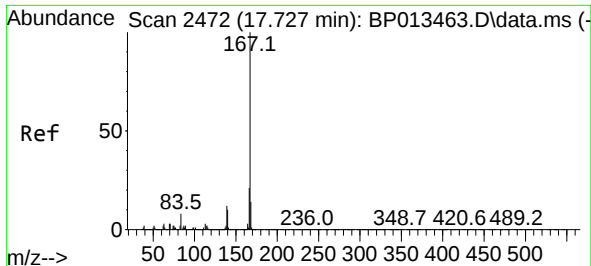
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#72
Anthracene
Concen: 7.298 ng
RT: 17.445 min Scan# 2424
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

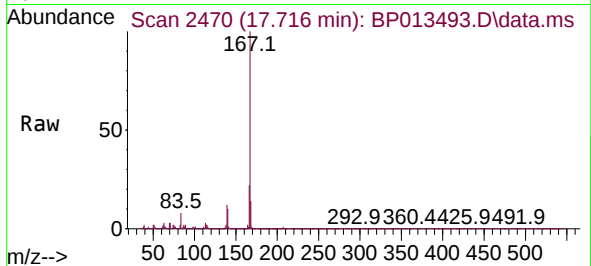
Tgt Ion:178 Resp: 1445637
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.6 18.8





#73
 Carbazole
 Concen: 7.382 ng
 RT: 17.716 min Scan# 2472
 Delta R.T. -0.012 min
 Lab File: BP013493.D
 Acq: 17 Jan 2023 13:04

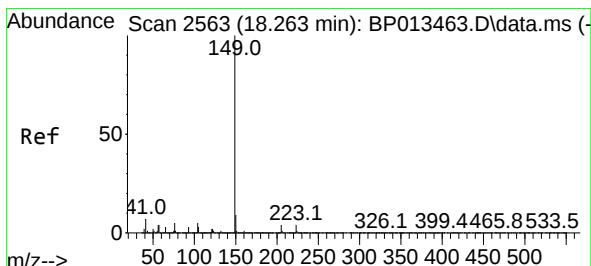
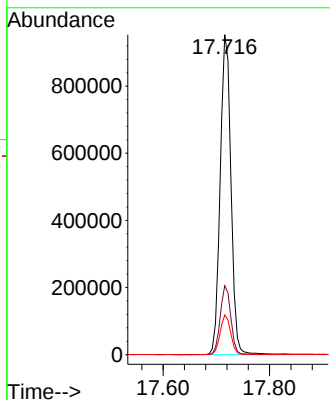
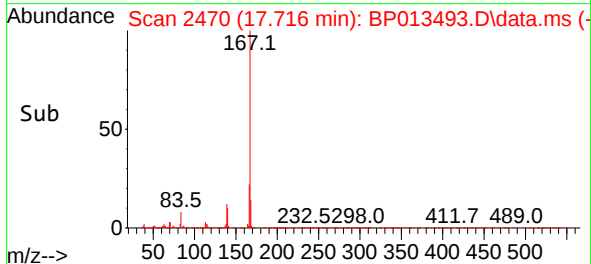
Instrument :
 BNA_P
 ClientSampleId :
 MDL-WATER-03-QT2-2022



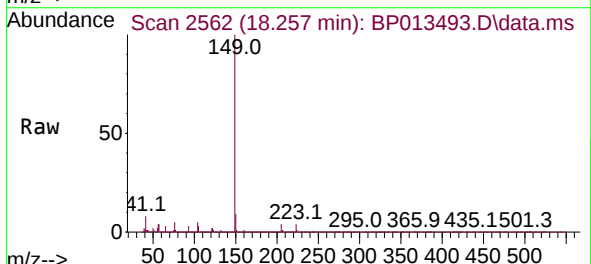
Tgt Ion:167 Resp: 1331849
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.4 9.9 14.9

Manual Integrations
 APPROVED

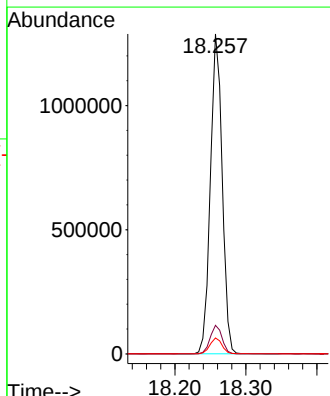
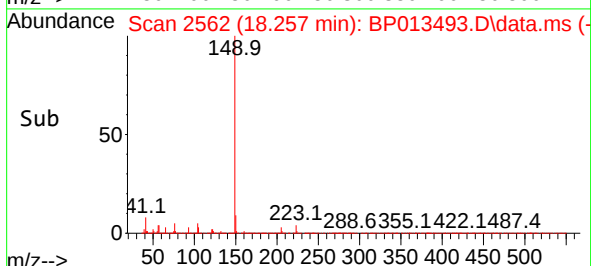
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

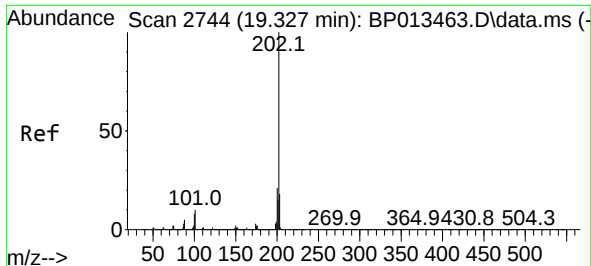


#74
 Di-n-butylphthalate
 Concen: 7.091 ng
 RT: 18.257 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BP013493.D
 Acq: 17 Jan 2023 13:04



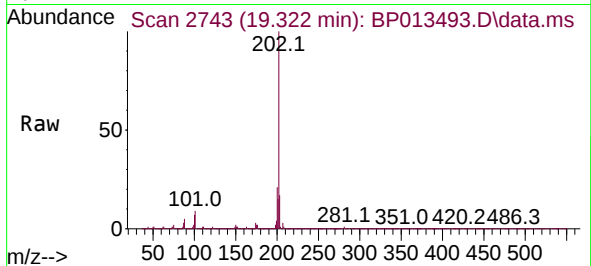
Tgt Ion:149 Resp: 1484981
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.0 3.9 5.9





#75
Fluoranthene
Concen: 7.593 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

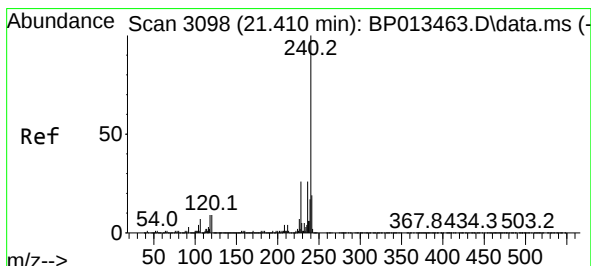
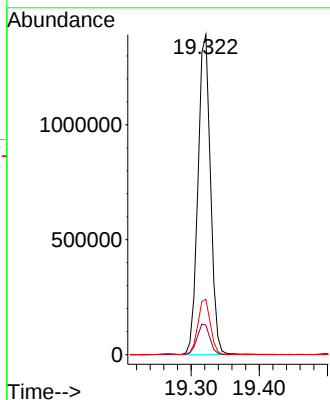
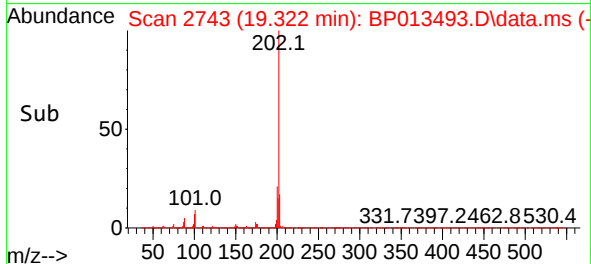
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



Tgt Ion:202 Resp: 1775478
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.3
203 17.3 0.0 37.9

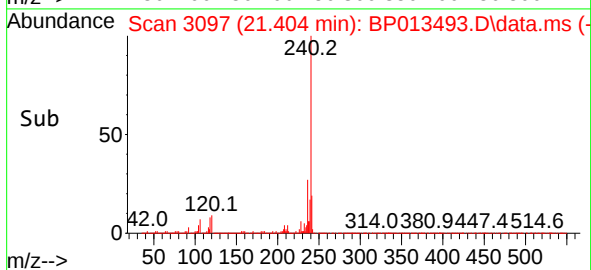
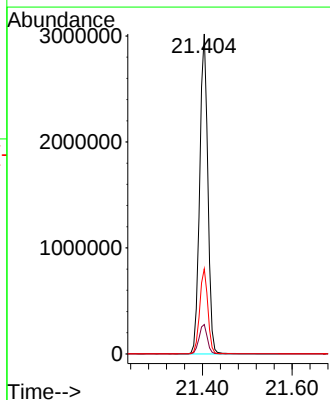
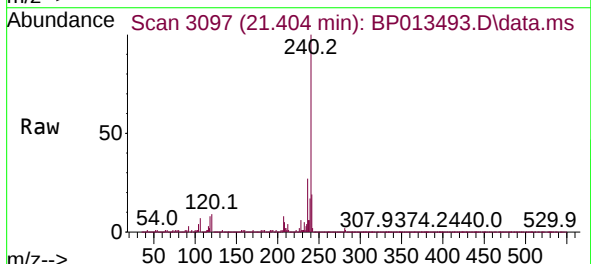
Manual Integrations
APPROVED

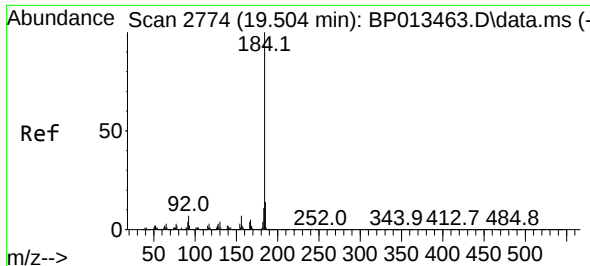
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion:240 Resp: 3777728
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.6 21.2 31.8





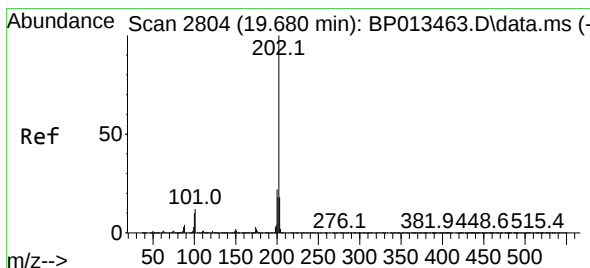
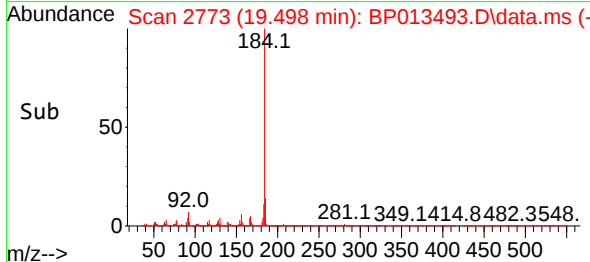
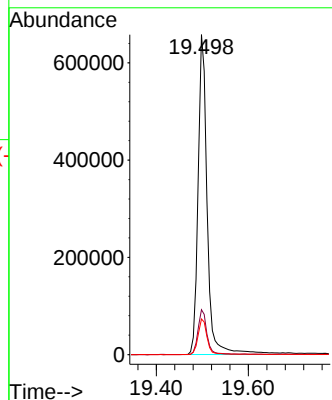
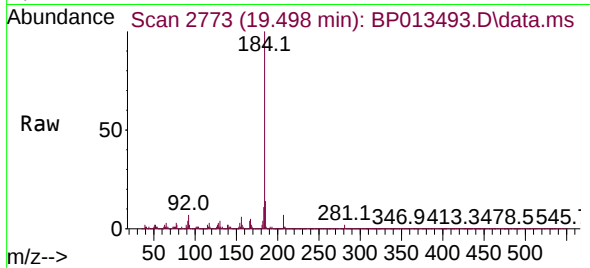
#77
Benzidine
Concen: 8.038 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

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

Tgt Ion:184 Resp: 902308
Ion Ratio Lower Upper
184 100
185 14.0 11.3 16.9
183 11.1 9.1 13.7

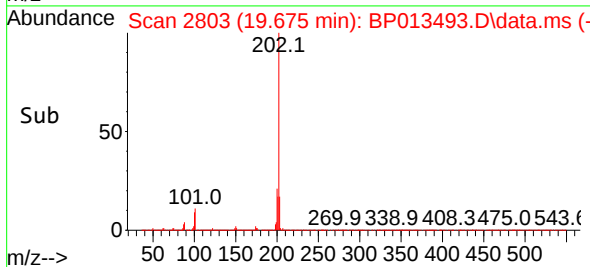
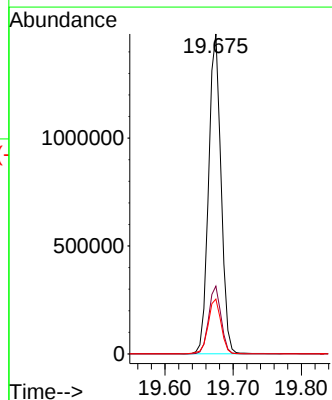
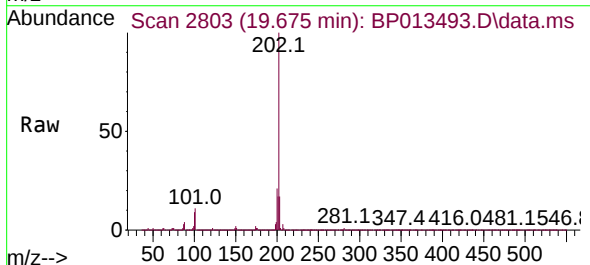
Manual Integrations
APPROVED

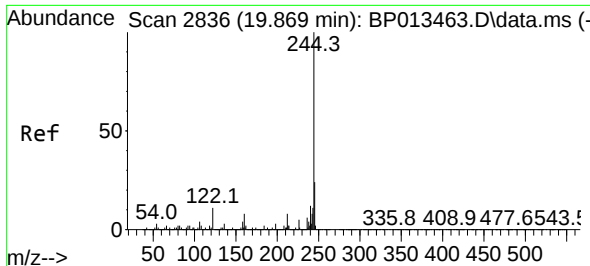
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#78
Pyrene
Concen: 7.551 ng
RT: 19.675 min Scan# 2803
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

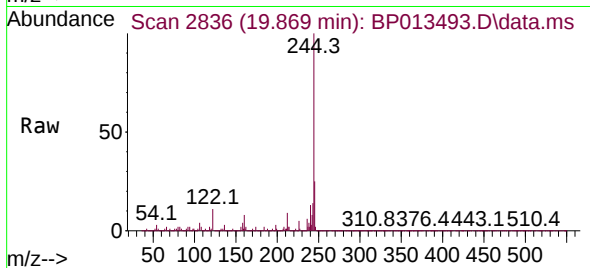
Tgt Ion:202 Resp: 1876148
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 17.1 14.6 21.8





#79
 Terphenyl-d14
 Concen: 66.690 ng
 RT: 19.869 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BP013493.D
 Acq: 17 Jan 2023 13:04

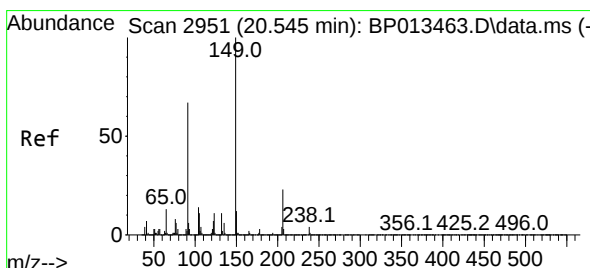
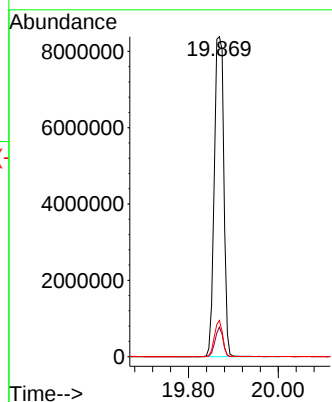
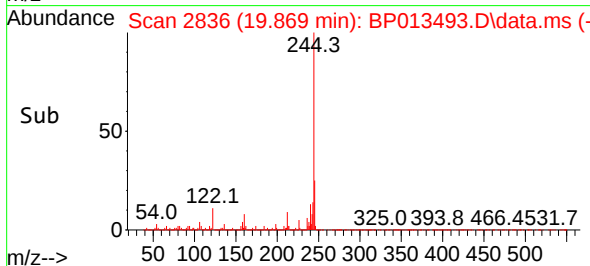
Instrument : BNA_P
 ClientSampleId : MDL-WATER-03-QT2-2022



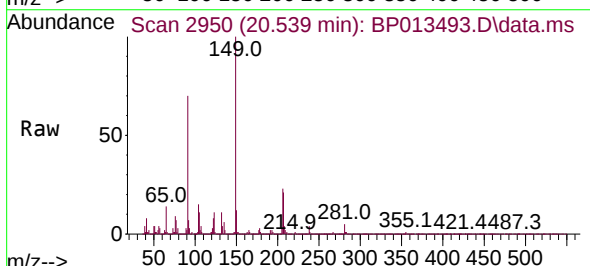
Tgt Ion:244 Resp:12323162
 Ion Ratio Lower Upper
 244 100
 212 9.2 6.8 10.2
 122 11.3 8.8 13.2

Manual Integrations
 APPROVED

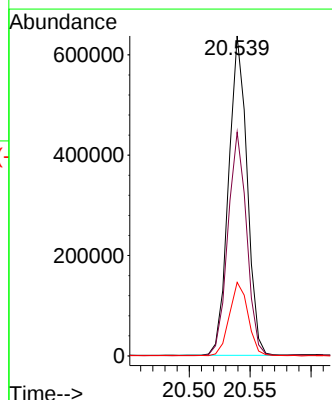
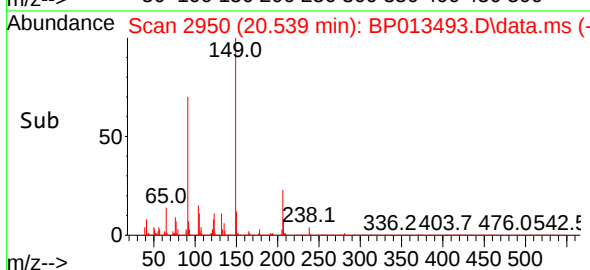
Reviewed By :Christian Giraldo 01/18/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

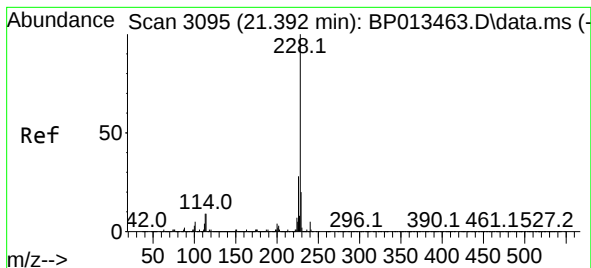


#80
 Butylbenzylphthalate
 Concen: 6.282 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BP013493.D
 Acq: 17 Jan 2023 13:04



Tgt Ion:149 Resp: 674730
 Ion Ratio Lower Upper
 149 100
 91 69.9 53.2 79.8
 206 23.0 18.8 28.2





#81

Benzo(a)anthracene

Concen: 7.723 ng

RT: 21.386 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BP013493.D

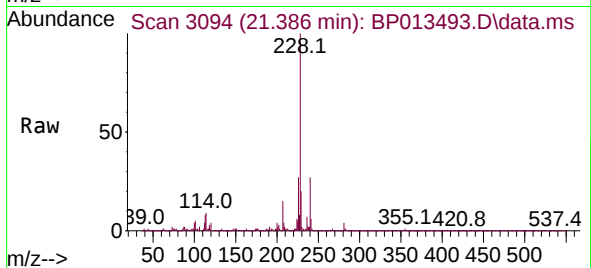
Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion:228 Resp: 1964884

Ion Ratio Lower Upper

228 100

226 26.9 22.6 34.0

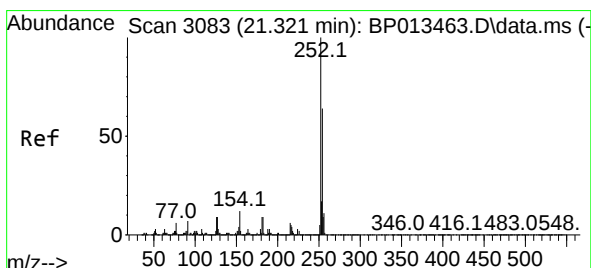
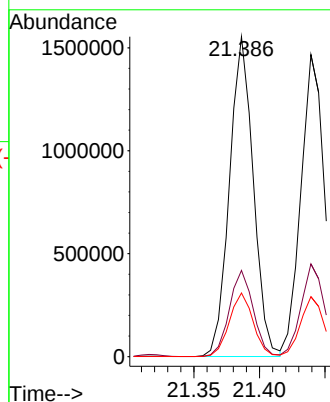
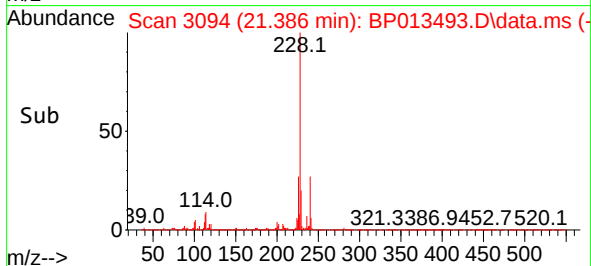
229 19.9 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#82

3,3'-Dichlorobenzidine

Concen: 7.972 ng

RT: 21.316 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

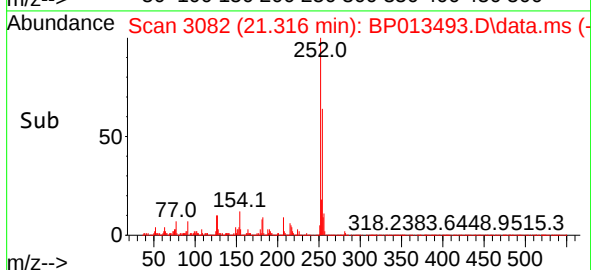
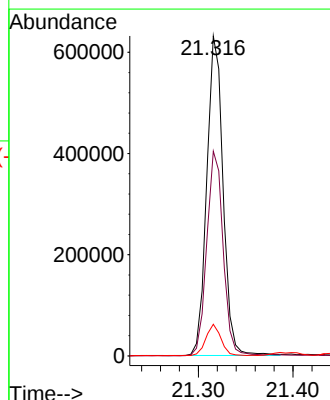
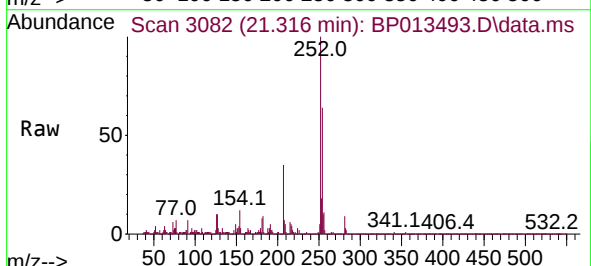
Tgt Ion:252 Resp: 757792

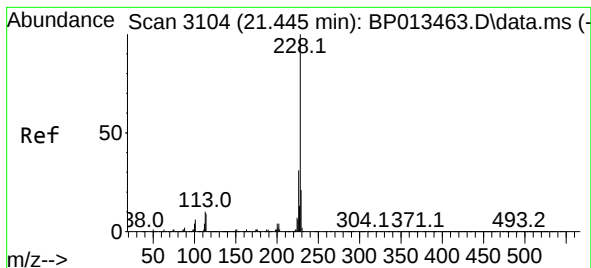
Ion Ratio Lower Upper

252 100

254 64.0 51.0 76.6

126 9.9 7.6 11.4





#83

Chrysene

Concen: 7.685 ng

RT: 21.439 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022

Tgt Ion:228 Resp: 1847412

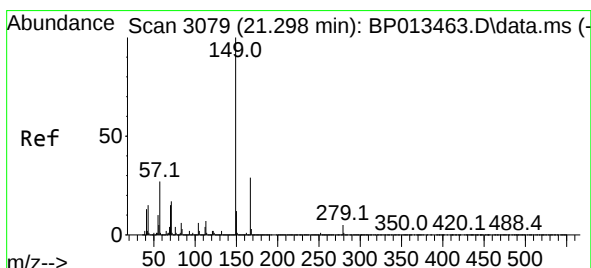
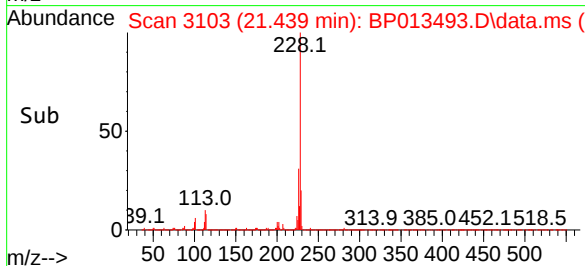
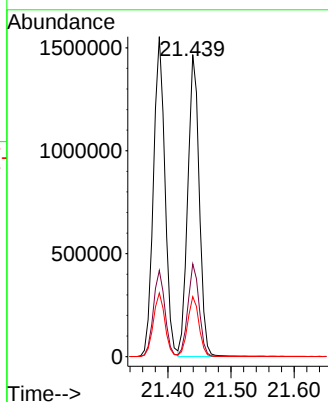
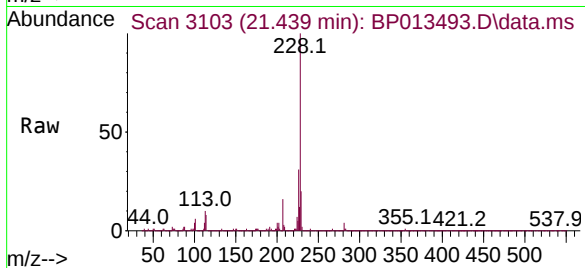
Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.1	37.7
229	19.8	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/18/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.577 ng

RT: 21.298 min Scan# 3079

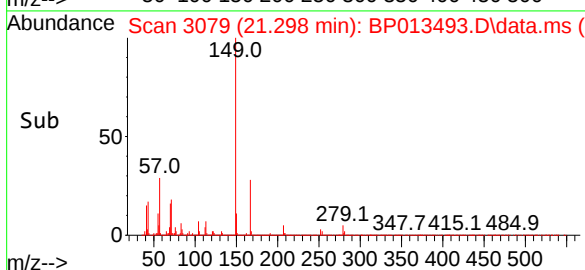
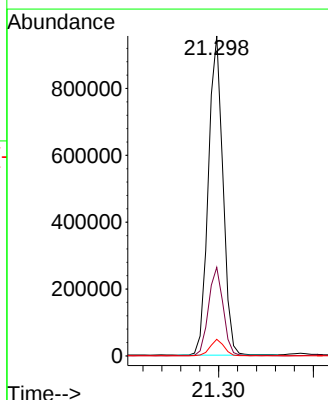
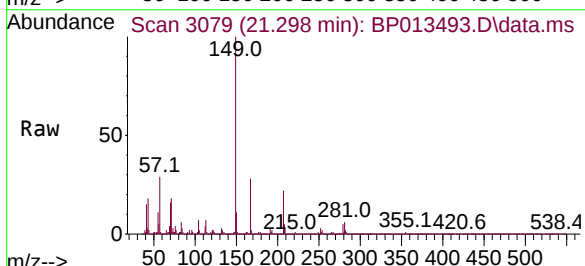
Delta R.T. 0.000 min

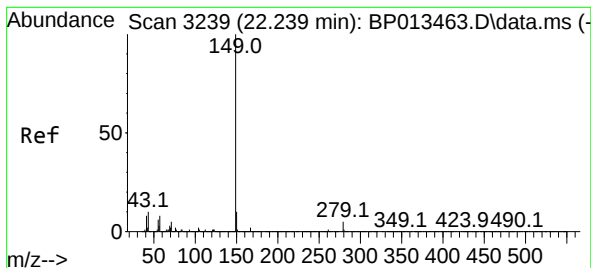
Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

Tgt Ion:149 Resp: 1022239

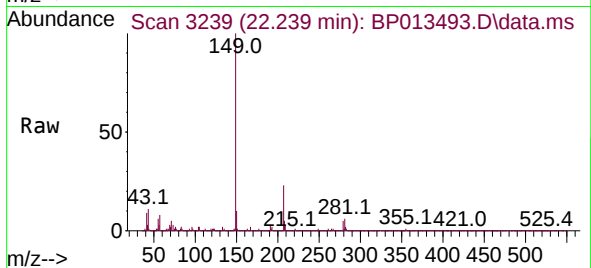
Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	5.2	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 6.627 ng
RT: 22.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

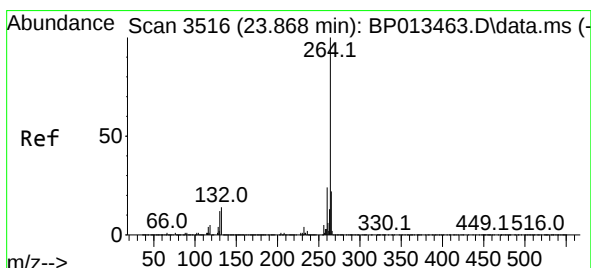
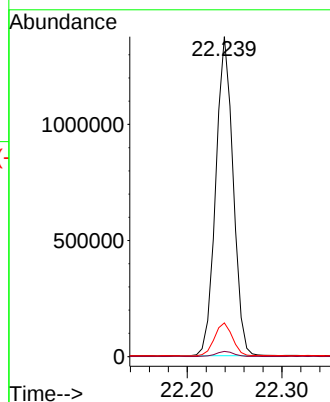
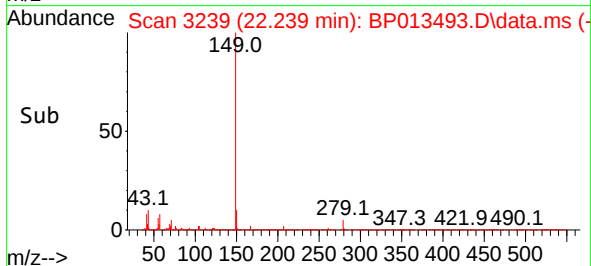
Instrument :
BNA_P
ClientSampleId :
MDL-WATER-03-QT2-2022



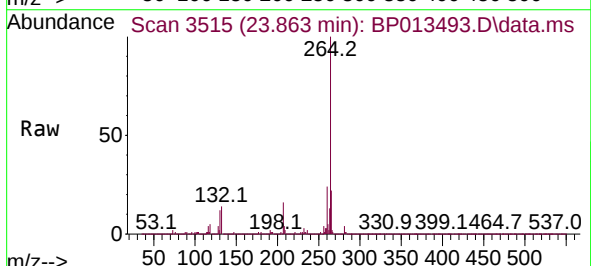
Tgt Ion:149 Resp: 1748585
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.7 7.9 11.9

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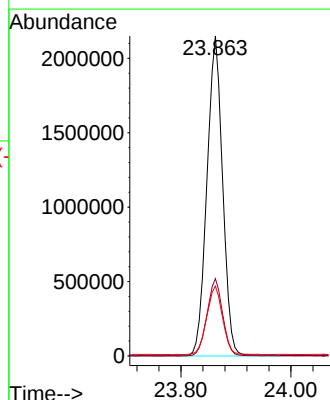
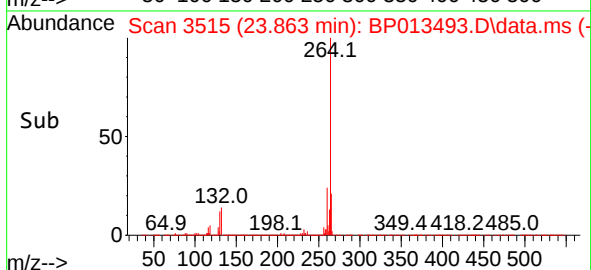
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023

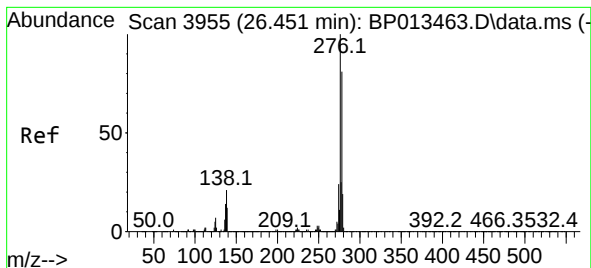


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3515
Delta R.T. -0.006 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04



Tgt Ion:264 Resp: 4260209
Ion Ratio Lower Upper
264 100
260 24.1 19.4 29.2
265 21.8 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.964 ng

RT: 26.427 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP013493.D

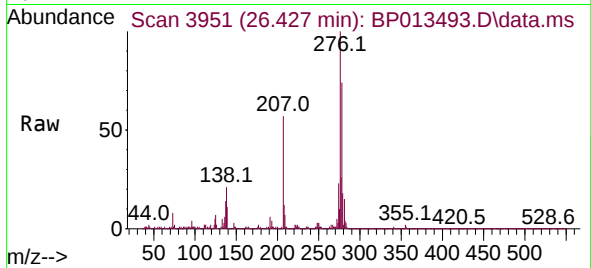
Acq: 17 Jan 2023 13:04

Instrument :

BNA_P

ClientSampleId :

MDL-WATER-03-QT2-2022



Tgt Ion: 276 Resp: 214568

Ion Ratio Lower Upper

276 100

138 21.4 17.0 25.4

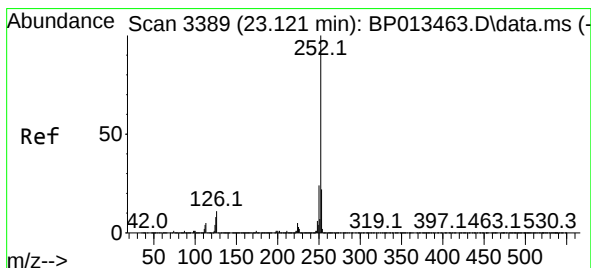
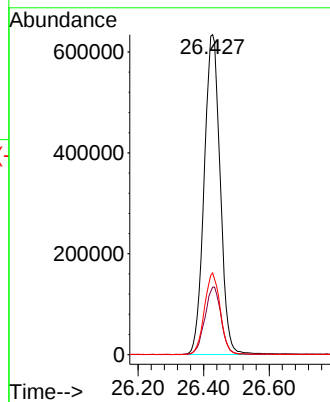
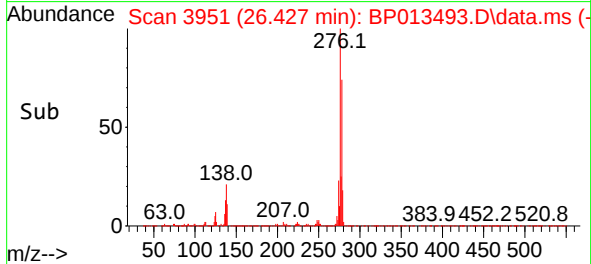
277 25.2 20.4 30.6

Manual Integrations

APPROVED

Reviewed By : Christian Giraldo 01/18/2023

Supervised By : Jagrut Upadhyay 01/18/2023



#88

Benzo(b)fluoranthene

Concen: 8.139 ng

RT: 23.104 min Scan# 3386

Delta R.T. -0.017 min

Lab File: BP013493.D

Acq: 17 Jan 2023 13:04

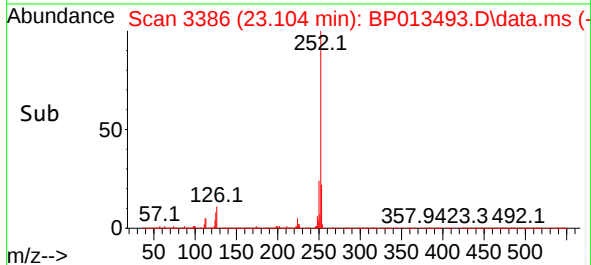
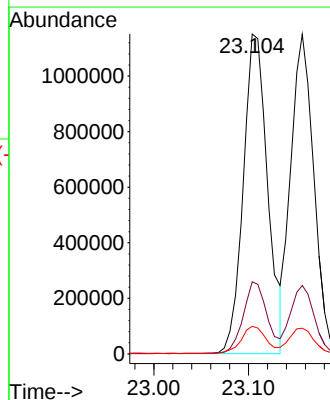
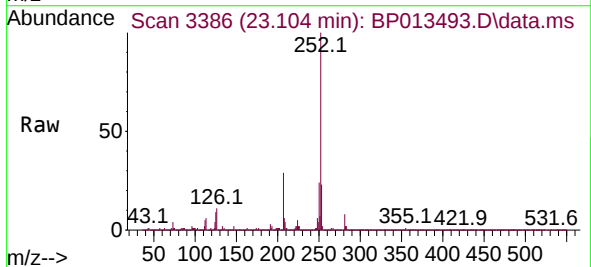
Tgt Ion: 252 Resp: 2058802

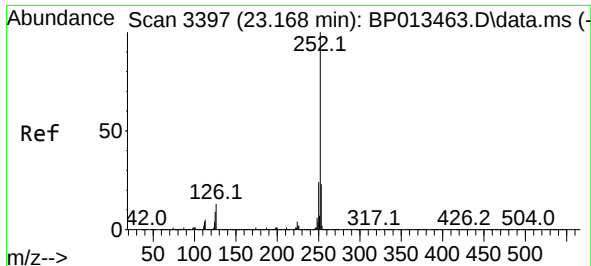
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

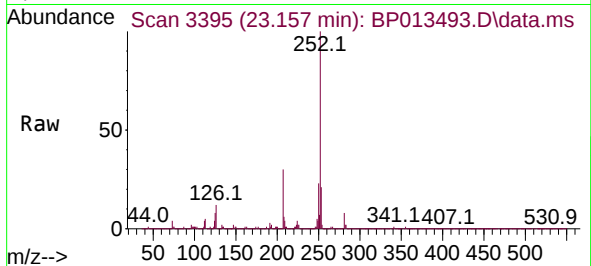
125 8.6 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 7.924 ng
RT: 23.157 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

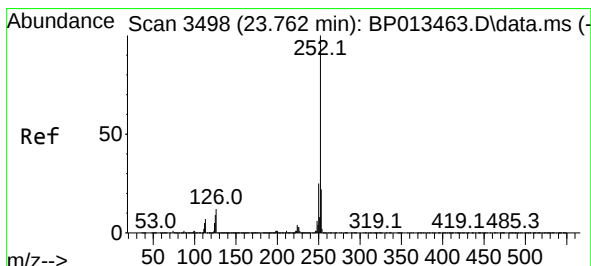
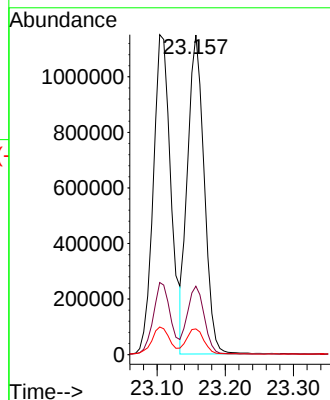
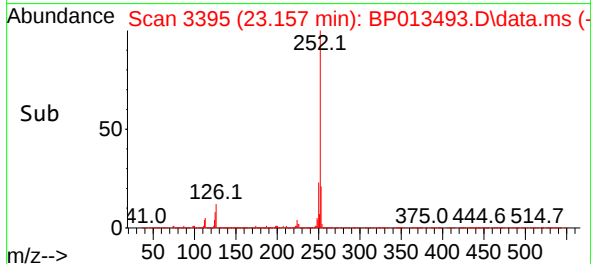
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion:252 Resp: 1945389
Ion Ratio Lower Upper
252 100
253 21.4 18.1 27.1
125 8.0 6.9 10.3

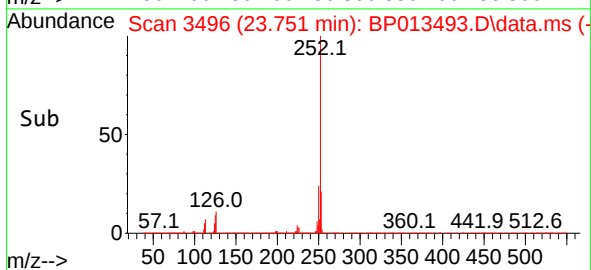
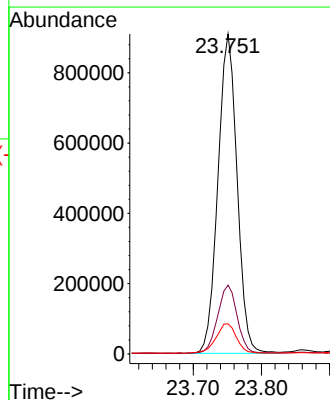
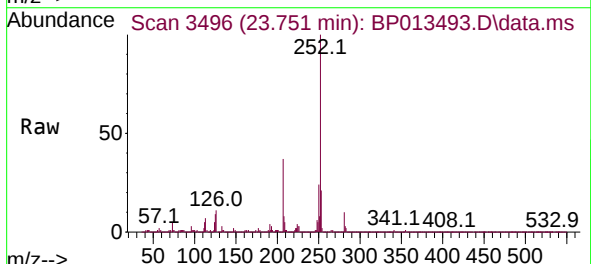
Manual Integrations
APPROVED

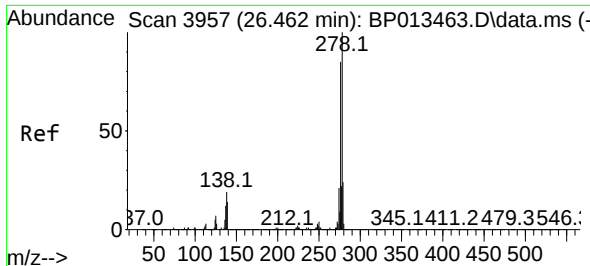
Reviewed By :Christian Giraldo 01/18/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#90
Benzo(a)pyrene
Concen: 7.104 ng
RT: 23.751 min Scan# 3496
Delta R.T. -0.012 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

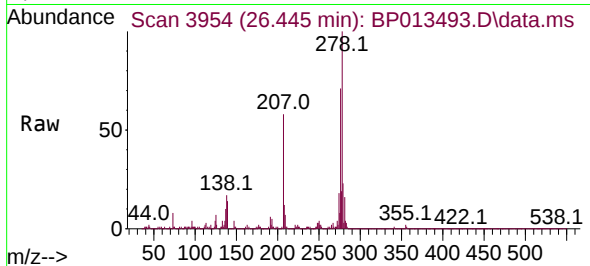
Tgt Ion:252 Resp: 1765248
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 9.4 7.6 11.4





#91
Dibenzo(a,h)anthracene
Concen: 7.275 ng
RT: 26.445 min Scan# 3957
Delta R.T. -0.018 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

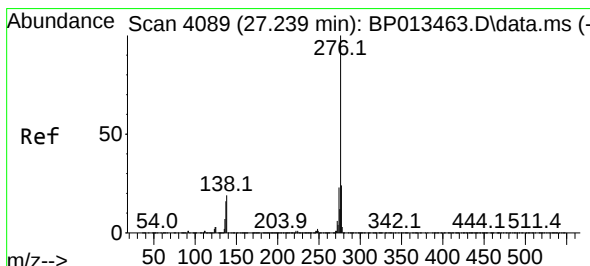
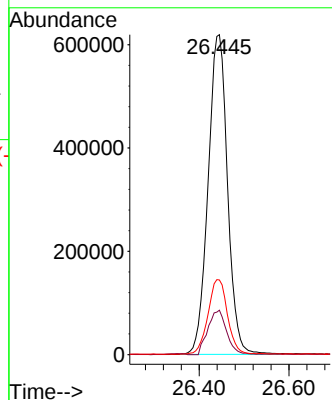
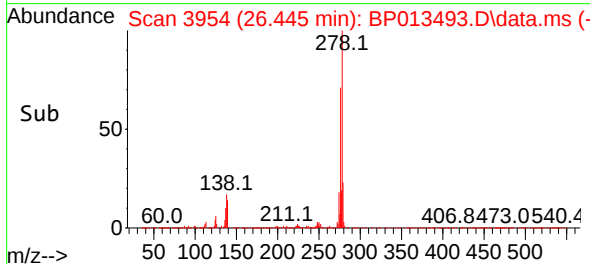
Instrument : BNA_P
ClientSampleId : MDL-WATER-03-QT2-2022



Tgt Ion: 278 Resp: 1866149
Ion Ratio Lower Upper
278 100
139 13.9 11.1 16.7
279 23.3 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 7.188 ng
RT: 27.209 min Scan# 4084
Delta R.T. -0.029 min
Lab File: BP013493.D
Acq: 17 Jan 2023 13:04

Tgt Ion: 276 Resp: 1819372
Ion Ratio Lower Upper
276 100
277 23.9 19.3 28.9
138 17.9 15.3 22.9

