

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011623\
 Data File : BP013482.D
 Acq On : 16 Jan 2023 15:23
 Operator : CG/JU
 Sample : N3214-07
 Misc : LOD-MDL-WATER 4ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jan 17 03:46:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 13 03:32:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	546056	20.000	ng	0.00
21) Naphthalene-d8	10.716	136	2234425	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	1537285	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	3598398	20.000	ng	0.00
76) Chrysene-d12	21.404	240	3775037	20.000	ng	0.00
86) Perylene-d12	23.869	264	4369403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	2810692	90.418	ng	0.00
7) Phenol-d6	7.069	99	3842816	87.455	ng	0.00
23) Nitrobenzene-d5	9.075	82	2938561	69.870	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	2245779	93.588	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	7515565	71.467	ng	0.00
79) Terphenyl-d14	19.869	244	11817320	63.999	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.328	88	46055	3.778	ng	96
3) Pyridine	3.758	79	112447	2.959	ng	96
4) n-Nitrosodimethylamine	3.658	42	64472	3.538	ng	# 97
6) Aniline	7.228	93	194891	3.319	ng	99
8) 2-Chlorophenol	7.464	128	125019	3.475	ng	95
9) Benzaldehyde	7.046	77	111638m	4.209	ng	
10) Phenol	7.093	94	157642	3.476	ng	90
11) bis(2-Chloroethyl)ether	7.328	93	127742	3.475	ng	98
12) 1,3-Dichlorobenzene	7.793	146	142251	3.753	ng	97
13) 1,4-Dichlorobenzene	7.940	146	143732	3.721	ng	96
14) 1,2-Dichlorobenzene	8.258	146	141782	3.757	ng	99
15) Benzyl Alcohol	8.152	79	104328	3.081	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.434	45	207883	3.655	ng	99
17) 2-Methylphenol	8.352	107	103064	3.070	ng	96
18) Hexachloroethane	8.987	117	50440	3.687	ng	97
19) n-Nitroso-di-n-propyla...	8.716	70	103735	3.308	ng	96
20) 3+4-Methylphenols	8.681	107	137575	2.949	ng	95
22) Acetophenone	8.734	105	201709	3.525	ng	# 97
24) Nitrobenzene	9.116	77	158587	3.645	ng	98
25) Isophorone	9.640	82	284297	3.284	ng	97
26) 2-Nitrophenol	9.834	139	65637	3.052	ng	99
27) 2,4-Dimethylphenol	9.887	122	109535	3.094	ng	98
28) bis(2-Chloroethoxy)met...	10.122	93	175329	3.434	ng	98
29) 2,4-Dichlorophenol	10.363	162	119254	3.210	ng	98
30) 1,2,4-Trichlorobenzene	10.581	180	142443	3.623	ng	97
31) Naphthalene	10.769	128	419549	3.551	ng	99
32) Benzoic acid	9.963	122	66006m	2.235	ng	
33) 4-Chloroaniline	10.881	127	162444	3.010	ng	99
34) Hexachlorobutadiene	11.046	225	91732	3.702	ng	100
35) Caprolactam	11.669	113	39361	2.974	ng	89
36) 4-Chloro-3-methylphenol	12.005	107	128007	3.162	ng	100
37) 2-Methylnaphthalene	12.375	142	294385	3.319	ng	100
38) 1-Methylnaphthalene	12.599	142	293066	3.502	ng	99
40) 1,2,4,5-Tetrachloroben...	12.746	216	178168	3.536	ng	100
41) Hexachlorocyclopentadiene	12.716	237	75289	2.866	ng	97
43) 2,4,6-Trichlorophenol	12.987	196	109104	3.149	ng	97

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Instrument :
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 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

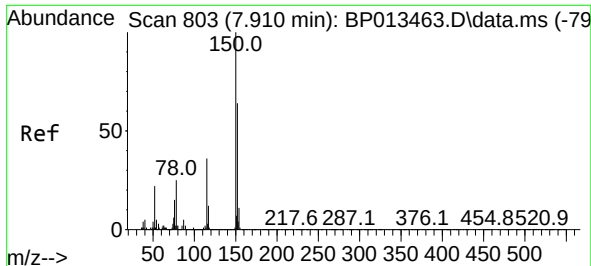
Quant Time: Jan 17 03:46:02 2023
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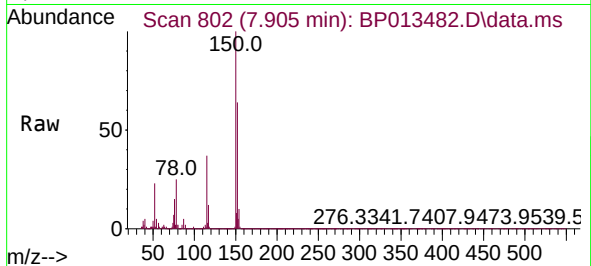
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	118272	2.909	ng	96
46) 1,1'-Biphenyl	13.387	154	423452	3.643	ng	99
47) 2-Chloronaphthalene	13.428	162	318458	3.572	ng	100
48) 2-Nitroaniline	13.640	65	79983	2.726	ng	92
49) Acenaphthylene	14.275	152	484207	3.294	ng	100
50) Dimethylphthalate	14.004	163	416250	3.415	ng	99
51) 2,6-Dinitrotoluene	14.134	165	79168	2.977	ng	94
52) Acenaphthene	14.616	154	300530	3.454	ng	97
53) 3-Nitroaniline	14.463	138	78414	2.756	ng	89
54) 2,4-Dinitrophenol	14.675	184	39647	2.194	ng	100
55) Dibenzofuran	14.951	168	509829	3.534	ng	100
56) 4-Nitrophenol	14.775	139	59719	2.612	ng	95
57) 2,4-Dinitrotoluene	14.922	165	103126	2.836	ng	94
58) Fluorene	15.604	166	403836	3.547	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.181	232	109945	3.128	ng	99
60) Diethylphthalate	15.375	149	403011	3.378	ng	99
61) 4-Chlorophenyl-phenylether	15.598	204	217274	3.594	ng	98
62) 4-Nitroaniline	15.628	138	75089	2.578	ng	96
63) Azobenzene	15.893	77	356785	3.257	ng	99
65) 4,6-Dinitro-2-methylphthalate	15.687	198	57521	2.337	ng	89
66) n-Nitrosodiphenylamine	15.816	169	350749	3.317	ng	99
67) 4-Bromophenyl-phenylether	16.492	248	133834	3.231	ng	99
68) Hexachlorobenzene	16.610	284	162092	3.593	ng	97
69) Atrazine	16.769	200	131962	3.408	ng	96
70) Pentachlorophenol	16.963	266	82335	2.490	ng	97
71) Phenanthrene	17.357	178	674620	3.553	ng	98
72) Anthracene	17.445	178	653798	3.384	ng	99
73) Carbazole	17.722	167	587188	3.337	ng	99
74) Di-n-butylphthalate	18.257	149	660194	3.232	ng	100
75) Fluoranthene	19.322	202	805672	3.533	ng	99
77) Benzidine	19.504	184	341571	3.045	ng	99
78) Pyrene	19.675	202	853523	3.438	ng	97
80) Butylbenzylphthalate	20.539	149	305808	2.849	ng	96
81) Benzo(a)anthracene	21.386	228	911035	3.584	ng	98
82) 3,3'-Dichlorobenzidine	21.316	252	335660	3.534	ng	97
83) Chrysene	21.445	228	854498	3.557	ng	97
84) Bis(2-ethylhexyl)phthalate	21.298	149	479643	3.088	ng	100
85) Di-n-octyl phthalate	22.239	149	823094	3.122	ng	97
87) Indeno(1,2,3-cd)pyrene	26.427	276	1024226	3.241	ng	100
88) Benzo(b)fluoranthene	23.110	252	937977	3.616	ng	99
89) Benzo(k)fluoranthene	23.157	252	919277	3.651	ng	98
90) Benzo(a)pyrene	23.757	252	826394	3.242	ng	99
91) Dibenzo(a,h)anthracene	26.445	278	897608	3.412	ng	99
92) Benzo(g,h,i)perylene	27.221	276	892770	3.439	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.905 min Scan# 80
Delta R.T. -0.005 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

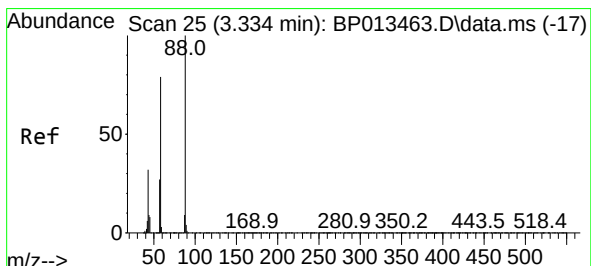
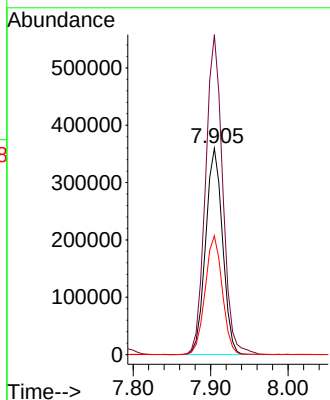
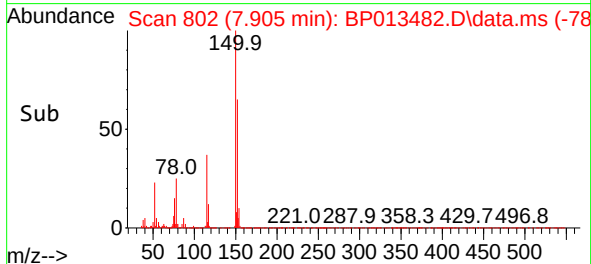
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:152 Resp: 546056
Ion Ratio Lower Upper
152 100
150 155.1 125.7 188.5
115 57.6 45.8 68.8

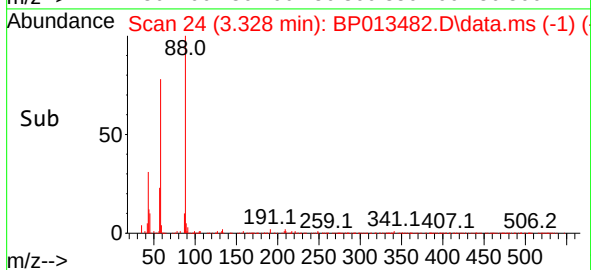
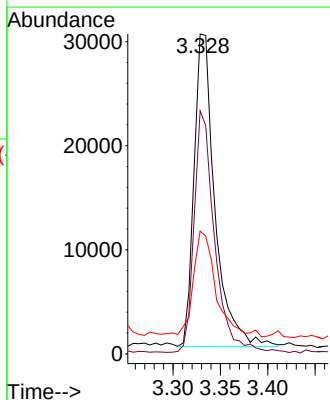
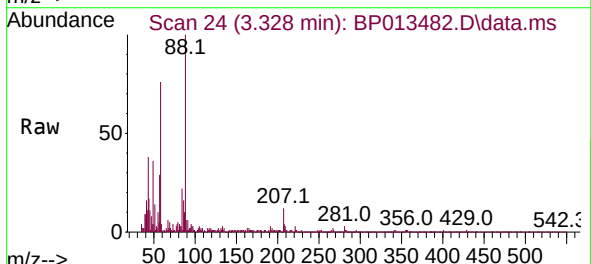
Manual Integrations
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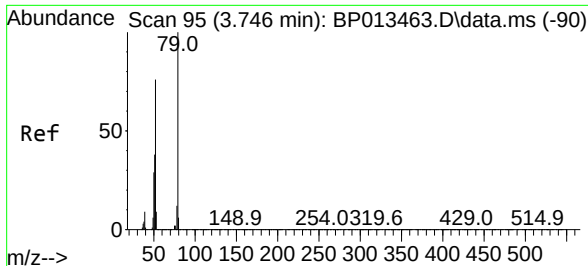
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#2
1,4-Dioxane
Concen: 3.778 ng
RT: 3.328 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

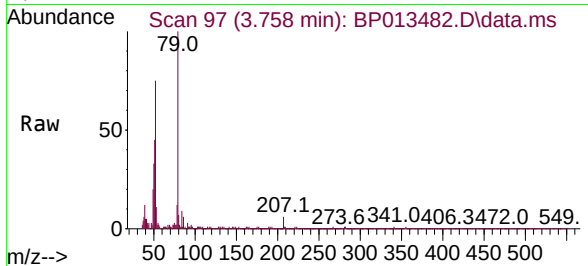
Tgt Ion: 88 Resp: 46055
Ion Ratio Lower Upper
88 100
58 76.5 63.4 95.0
43 36.0 26.2 39.4





#3
Pyridine
Concen: 2.959 ng
RT: 3.758 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

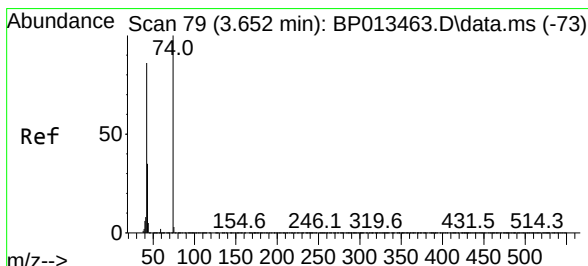
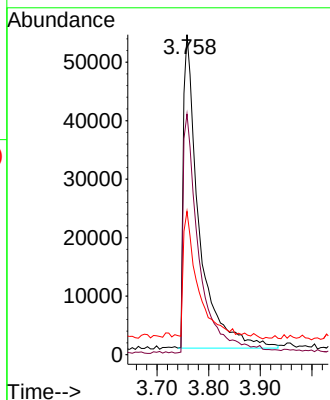
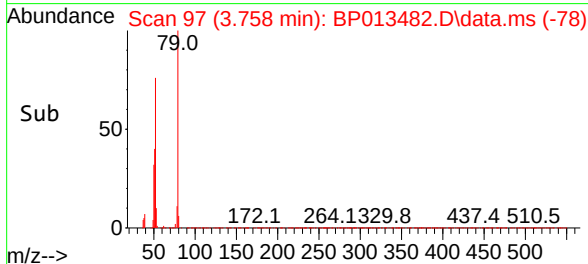
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



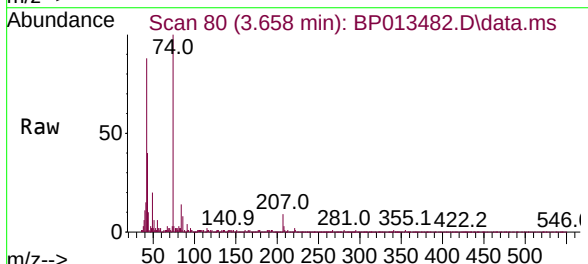
Tgt Ion: 79 Resp: 11244
Ion Ratio Lower Upper
79 100
52 75.2 60.6 91.0
51 44.8 31.0 46.4

Manual Integrations
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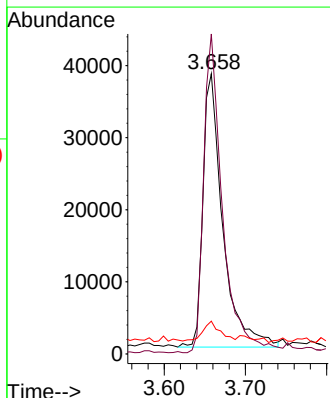
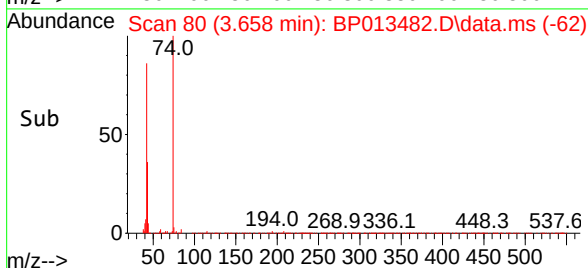
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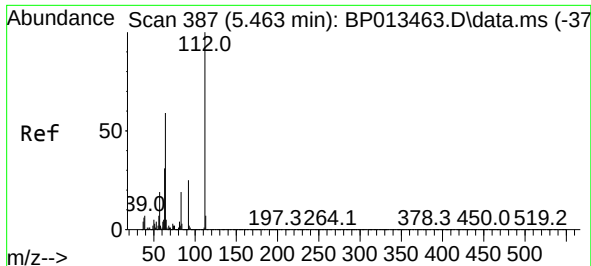


#4
n-Nitrosodimethylamine
Concen: 3.538 ng
RT: 3.658 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



Tgt Ion: 42 Resp: 64472
Ion Ratio Lower Upper
42 100
74 114.2 93.3 139.9
44 11.7 5.1 7.7





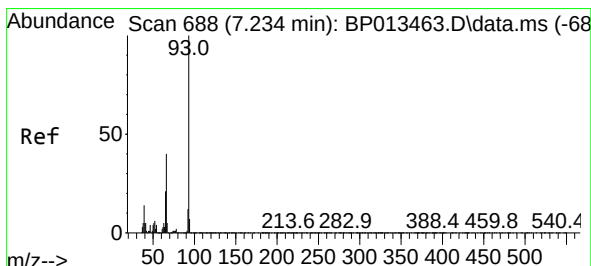
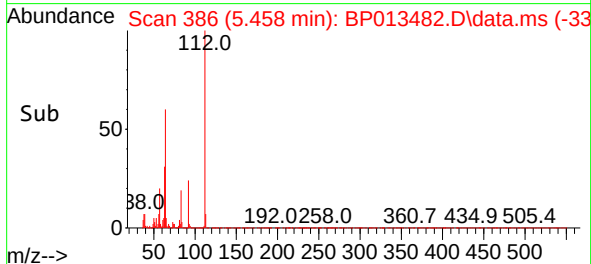
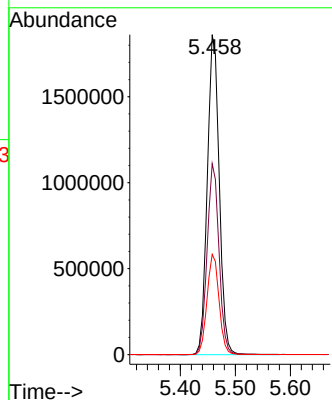
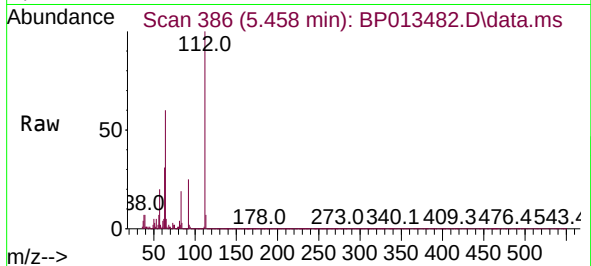
#5
2-Fluorophenol
Concen: 90.418 ng
RT: 5.458 min Scan# 386
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:112 Resp: 2810692
Ion Ratio Lower Upper
112 100
64 59.7 47.5 71.3
63 31.3 25.0 37.4

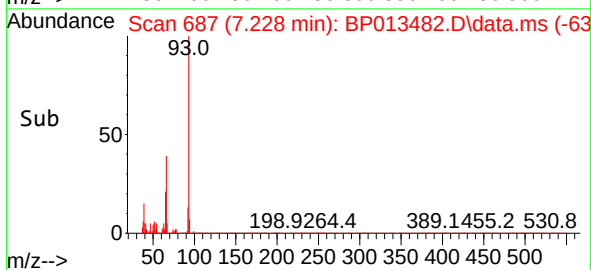
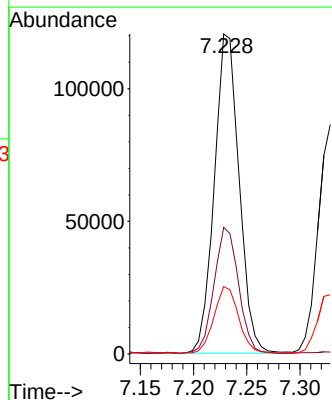
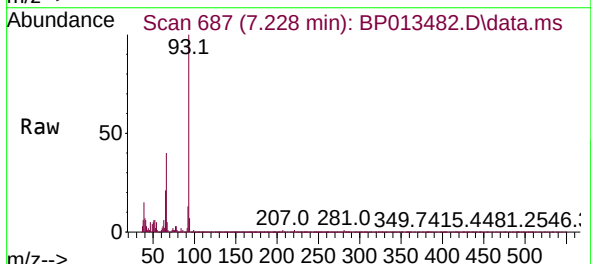
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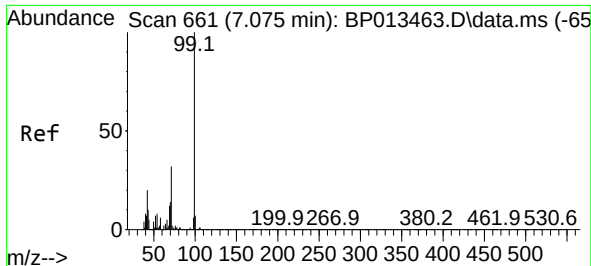
Reviewed By :Christian Giraldo 01/17/2023
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#6
Aniline
Concen: 3.319 ng
RT: 7.228 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

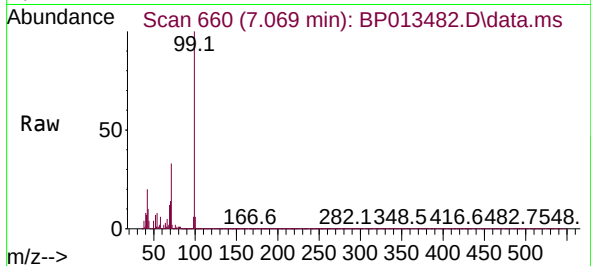
Tgt Ion: 93 Resp: 194891
Ion Ratio Lower Upper
93 100
66 39.5 31.9 47.9
65 21.0 16.6 25.0





#7
Phenol-d6
Concen: 87.455 ng
RT: 7.069 min Scan# 60
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

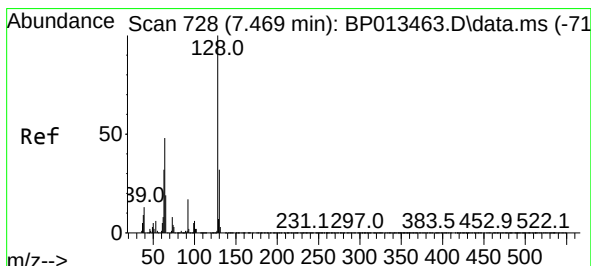
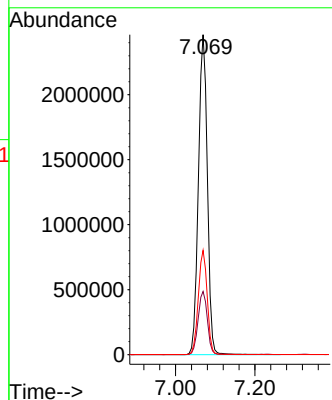
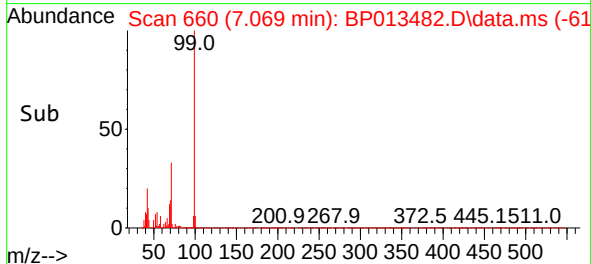
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LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 99 Resp: 3842816
Ion Ratio Lower Upper
99 100
42 19.7 15.8 23.6
71 32.6 25.6 38.4

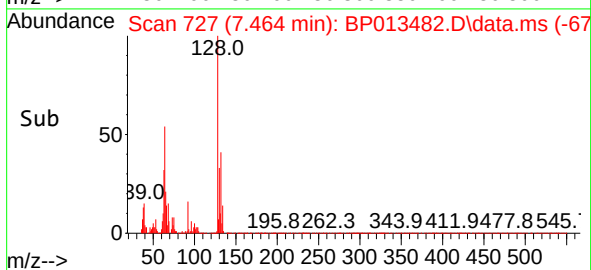
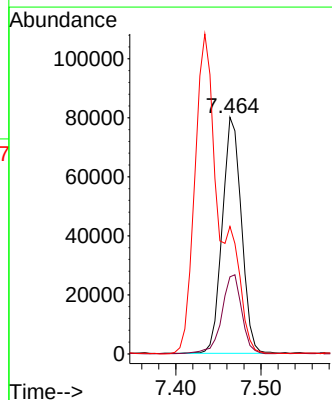
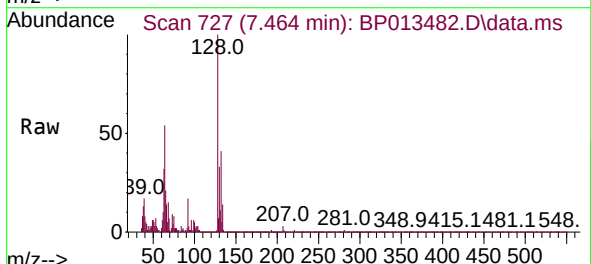
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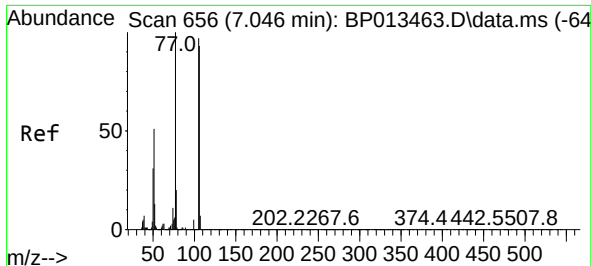
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#8
2-Chlorophenol
Concen: 3.475 ng
RT: 7.464 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

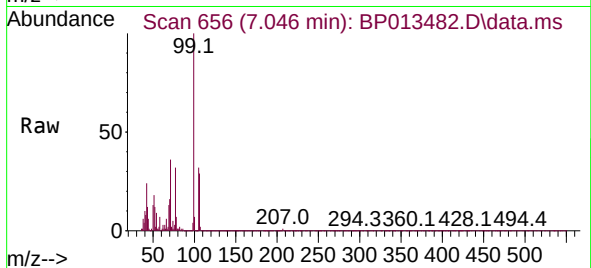
Tgt Ion:128 Resp: 125019
Ion Ratio Lower Upper
128 100
130 32.6 11.7 51.7
64 53.8 28.6 68.6





#9
Benzaldehyde
Concen: 4.209 ng m
RT: 7.046 min Scan# 656
Delta R.T. -0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

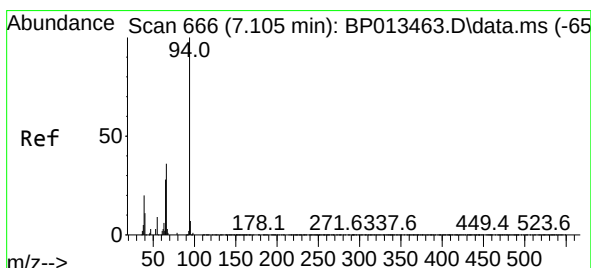
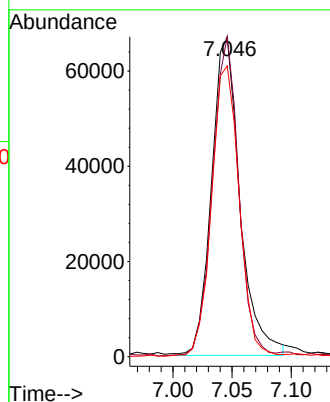
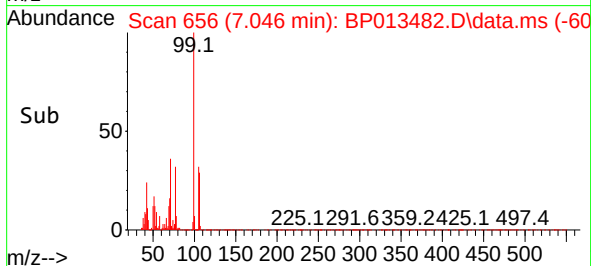
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LOD-MDL-WATER-01-QT2-2022



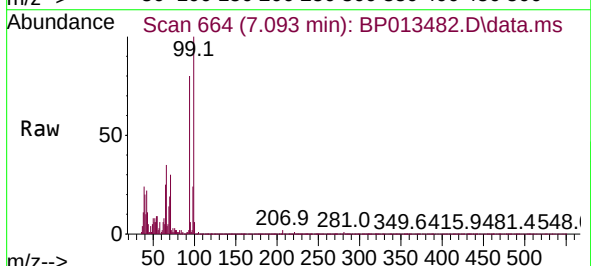
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Ion Ratio Lower Upper
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106 91.0 73.1 113.1

Manual Integrations
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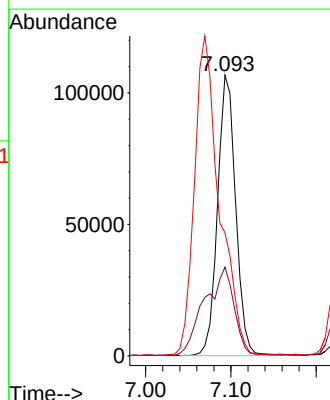
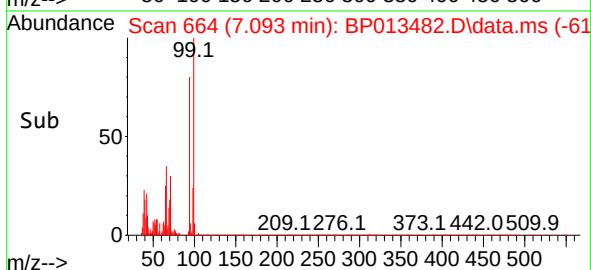
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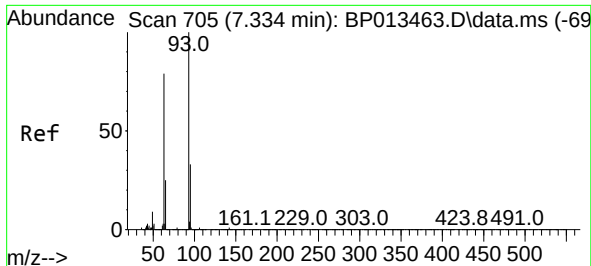


#10
Phenol
Concen: 3.476 ng
RT: 7.093 min Scan# 664
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



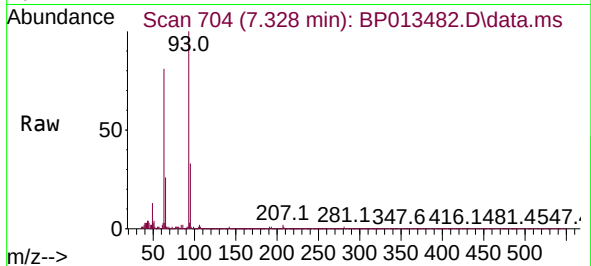
Tgt Ion: 94 Resp: 157642
Ion Ratio Lower Upper
94 100
65 31.6 8.3 48.3
66 43.9 16.6 56.6





#11
bis(2-Chloroethyl)ether
Concen: 3.475 ng
RT: 7.328 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

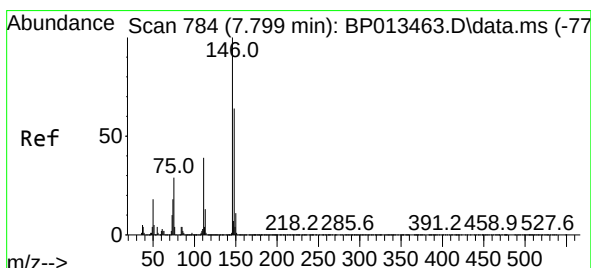
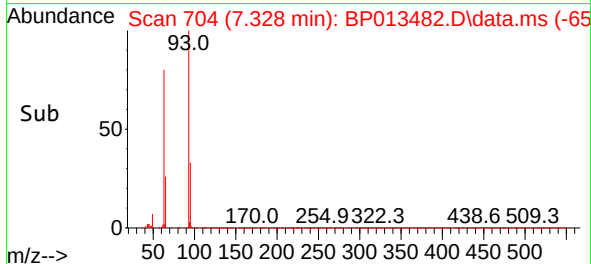
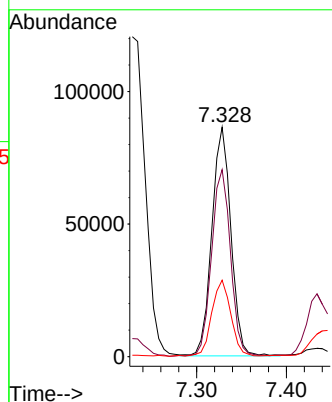
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 93 Resp: 127742
Ion Ratio Lower Upper
93 100
63 81.5 59.3 99.3
95 33.3 12.8 52.8

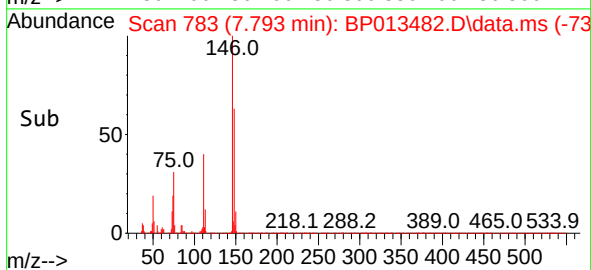
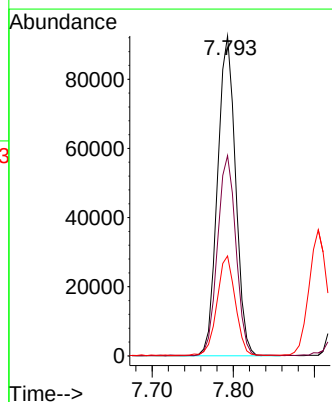
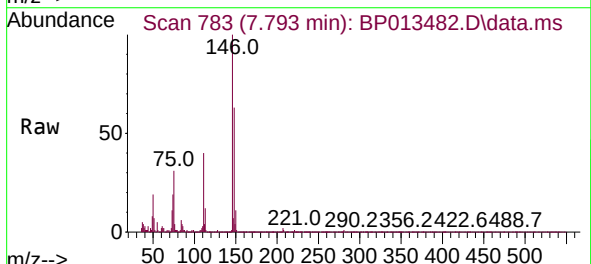
Manual Integrations
APPROVED

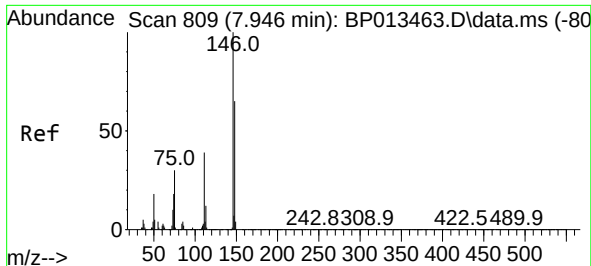
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#12
1,3-Dichlorobenzene
Concen: 3.753 ng
RT: 7.793 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:146 Resp: 142251
Ion Ratio Lower Upper
146 100
148 62.6 51.5 77.3
75 31.2 23.6 35.4





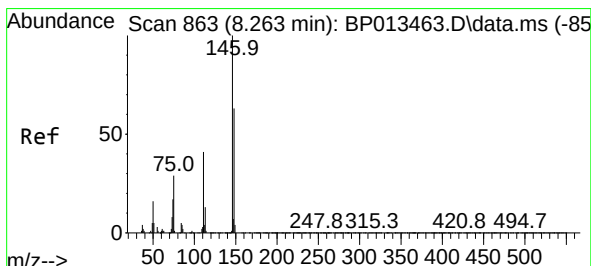
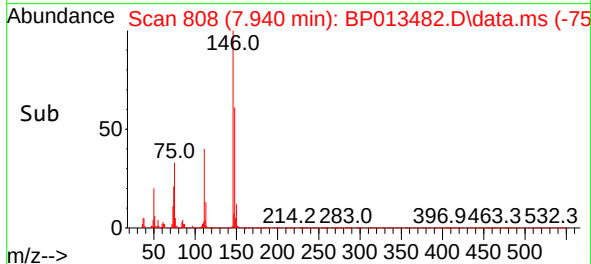
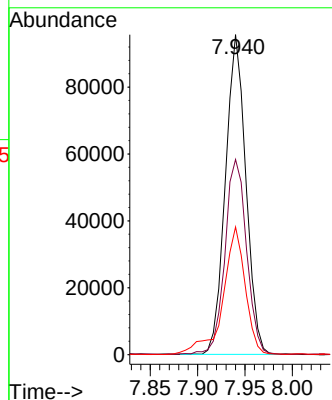
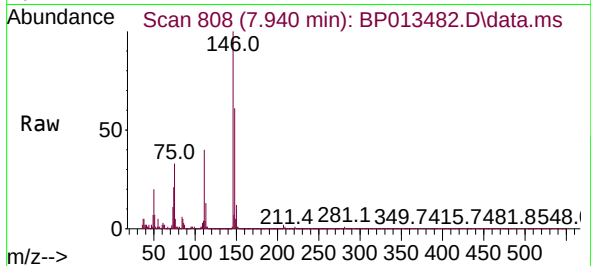
#13
1,4-Dichlorobenzene
Concen: 3.721 ng
RT: 7.940 min Scan# 809
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:146 Resp: 143732
Ion Ratio Lower Upper
146 100
148 61.0 52.0 78.0
111 39.9 31.4 47.2

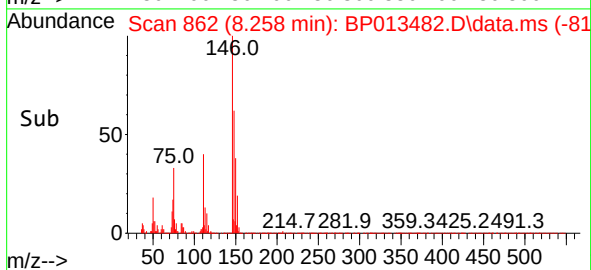
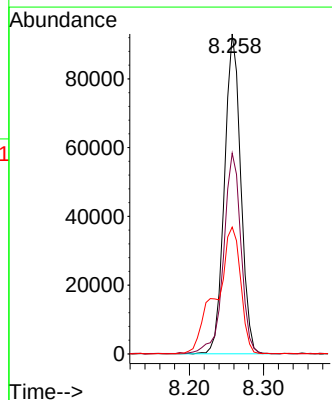
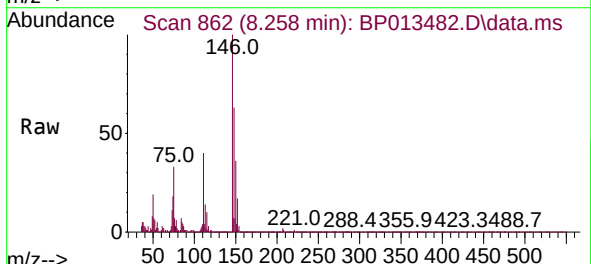
Manual Integrations
APPROVED

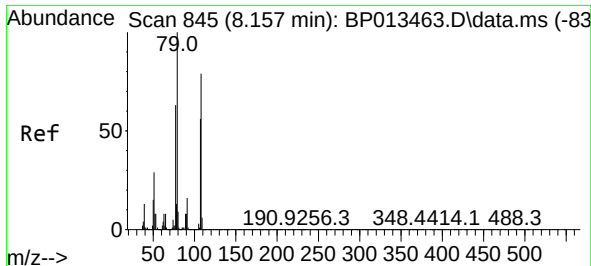
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#14
1,2-Dichlorobenzene
Concen: 3.757 ng
RT: 8.258 min Scan# 862
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:146 Resp: 141782
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 39.6 32.7 49.1





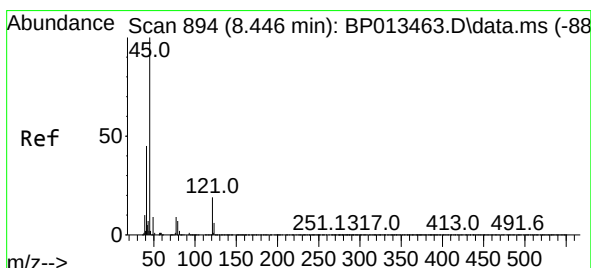
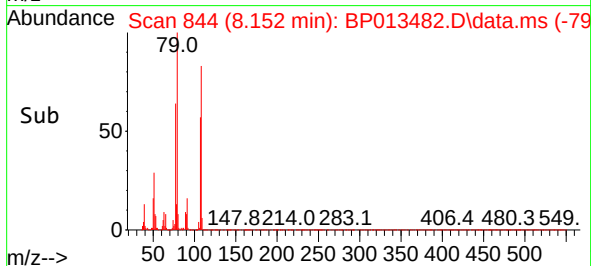
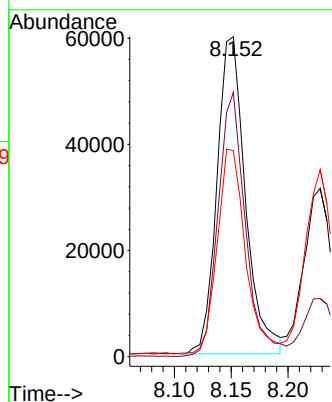
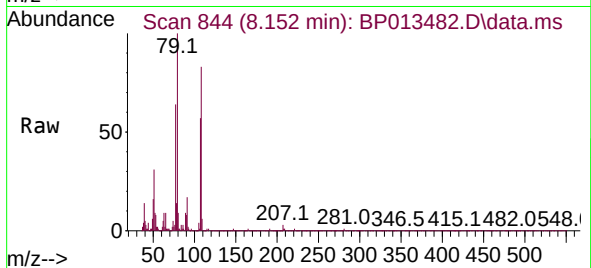
#15
Benzyl Alcohol
Concen: 3.081 ng
RT: 8.152 min Scan# 844
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 79 Resp: 104328
Ion Ratio Lower Upper
79 100
108 82.6 63.2 94.8
77 64.4 50.5 75.7

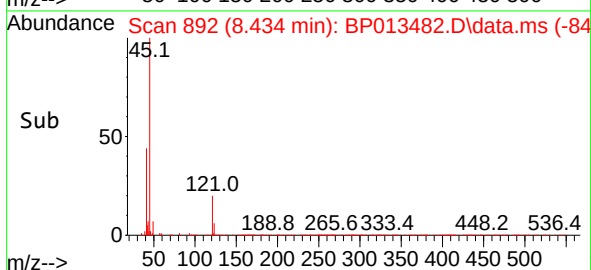
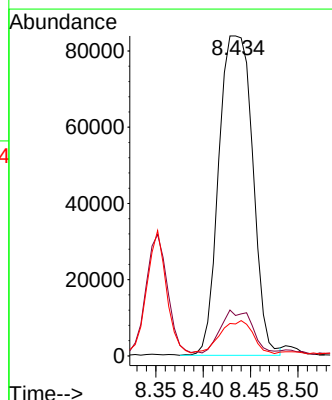
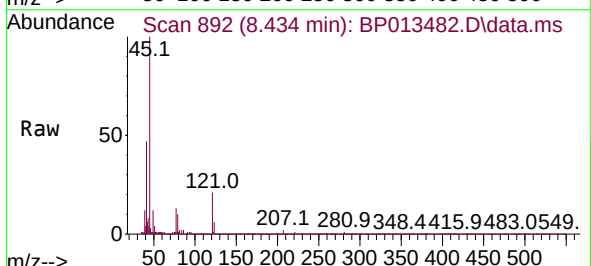
Manual Integrations
APPROVED

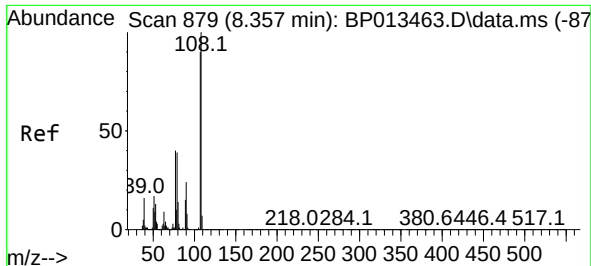
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.655 ng
RT: 8.434 min Scan# 892
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

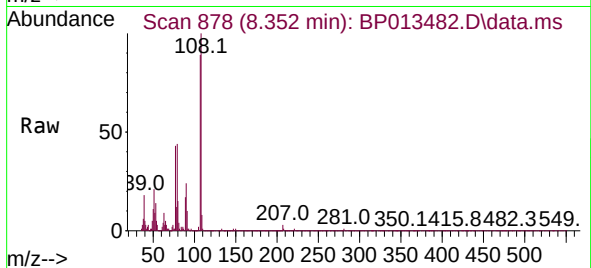
Tgt Ion: 45 Resp: 207883
Ion Ratio Lower Upper
45 100
77 12.7 0.0 32.8
79 10.0 0.0 30.3





#17
2-Methylphenol
Concen: 3.070 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

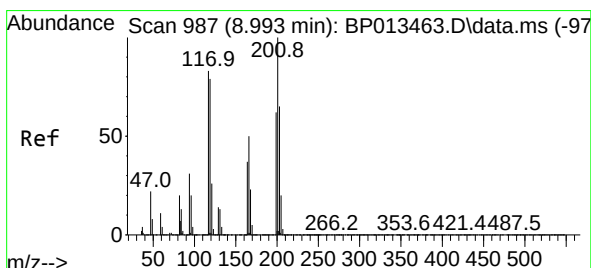
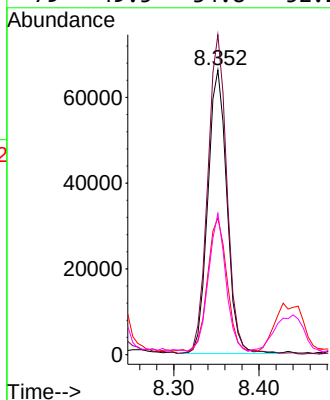
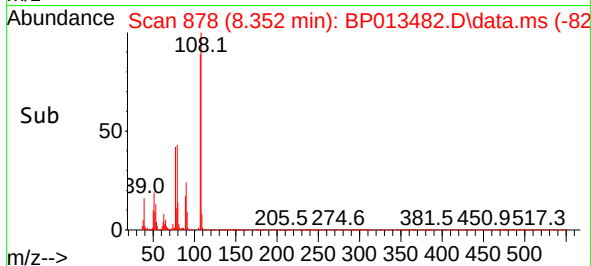
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:	107	Resp:	103064
Ion Ratio	Lower	Upper	
107	100		
108	112.4	88.8	133.2
77	48.0	35.8	53.8
79	49.5	34.8	52.2

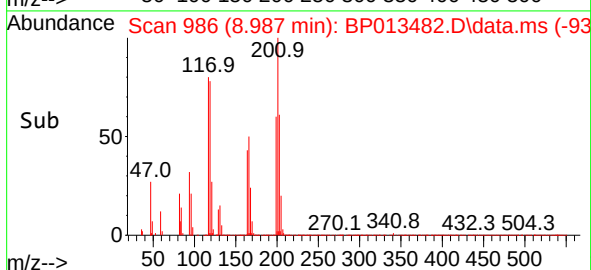
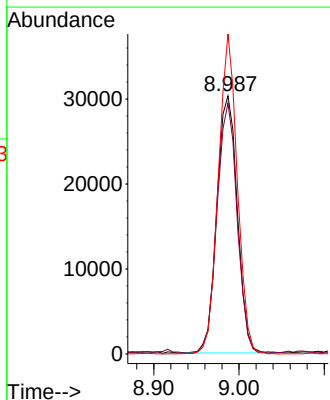
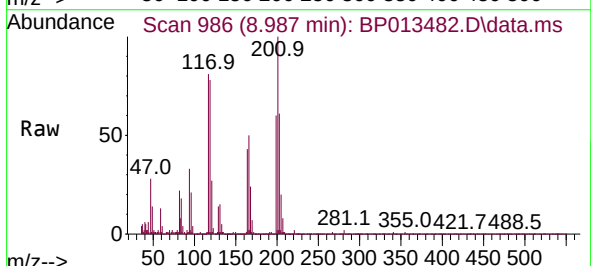
Manual Integrations
APPROVED

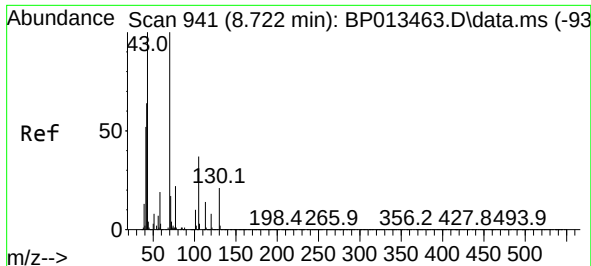
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#18
Hexachloroethane
Concen: 3.687 ng
RT: 8.987 min Scan# 986
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

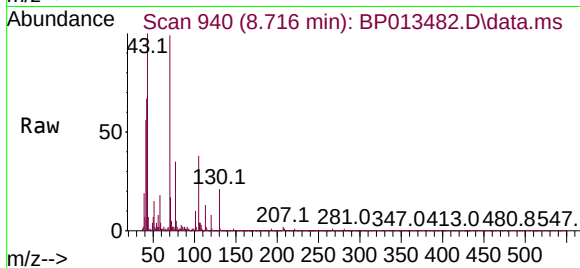
Tgt Ion:	117	Resp:	50440
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.8	113.8
201	124.1	95.8	143.8





#19
n-Nitroso-di-n-propylamine
Concen: 3.308 ng
RT: 8.716 min Scan# 941
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

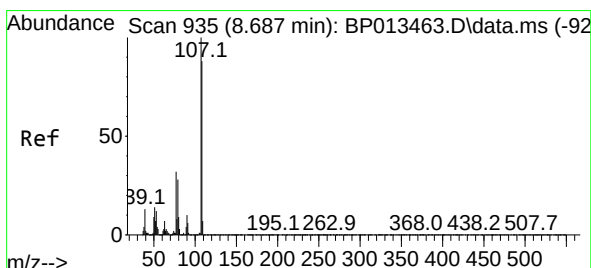
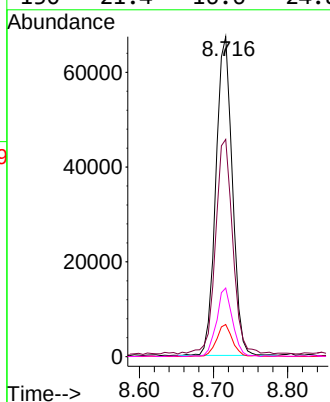
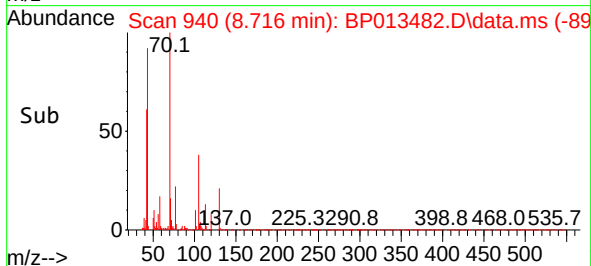
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



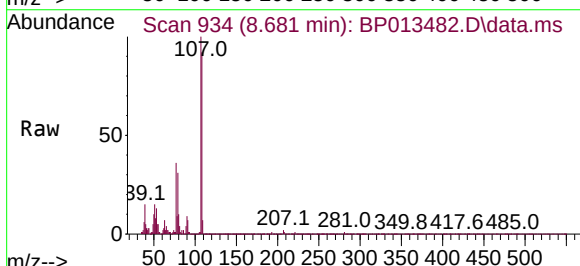
Tgt Ion: 70 Resp: 103735
Ion Ratio Lower Upper
70 100
42 67.9 51.1 76.7
101 10.0 7.8 11.8
130 21.4 16.6 24.8

Manual Integrations
APPROVED

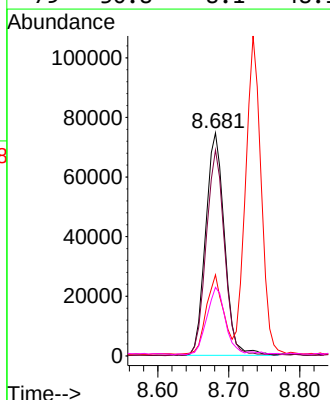
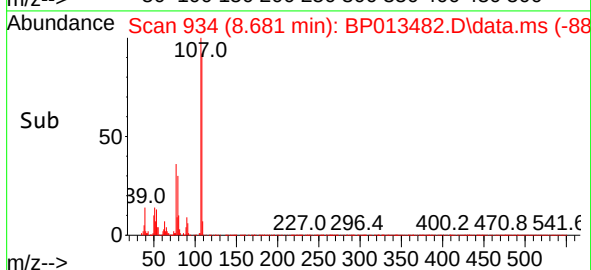
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

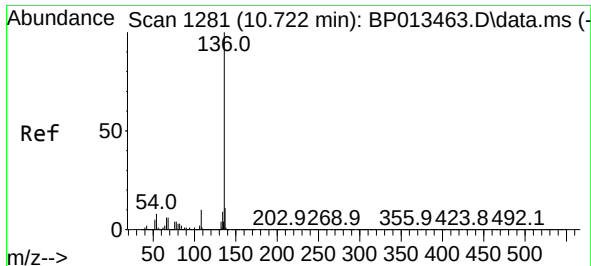


#20
3+4-Methylphenols
Concen: 2.949 ng
RT: 8.681 min Scan# 934
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



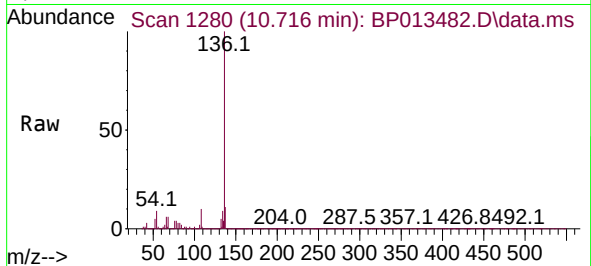
Tgt Ion:107 Resp: 137575
Ion Ratio Lower Upper
107 100
108 92.3 68.1 108.1
77 36.3 12.3 52.3
79 30.8 8.1 48.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.716 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

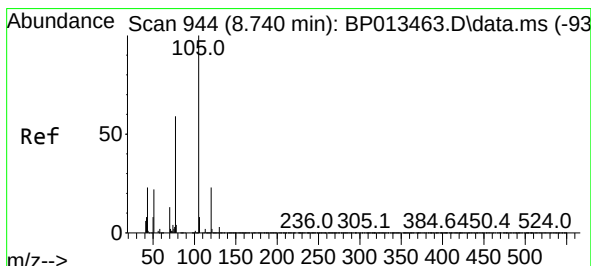
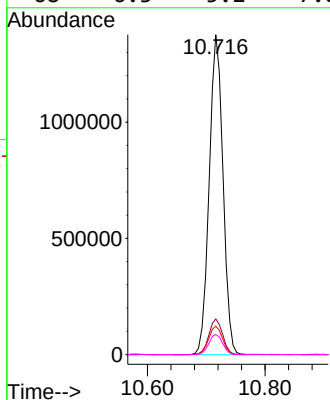
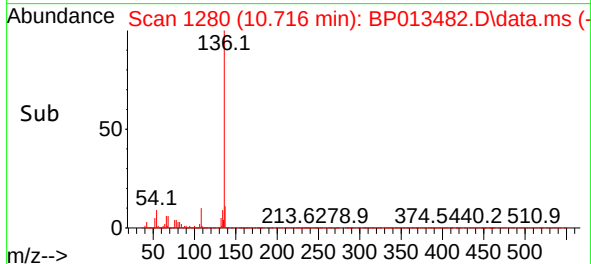
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:136 Resp: 2234425
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.9 6.6 10.0
68 6.3 5.2 7.8

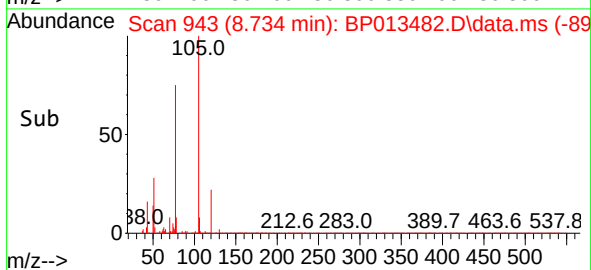
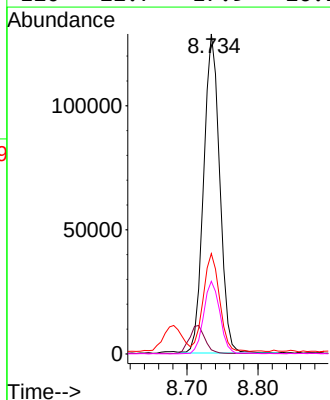
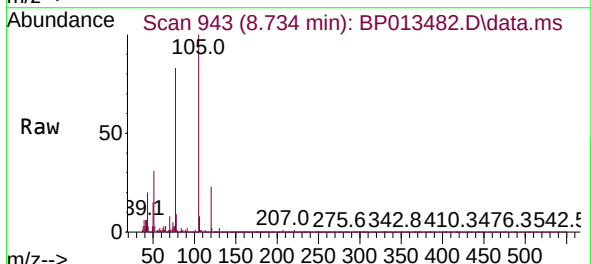
Manual Integrations
APPROVED

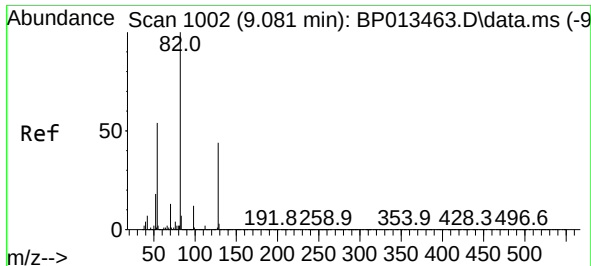
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#22
Acetophenone
Concen: 3.525 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:105 Resp: 201709
Ion Ratio Lower Upper
105 100
71 1.3 2.1 3.1#
51 31.3 23.3 34.9
120 22.7 17.9 26.9





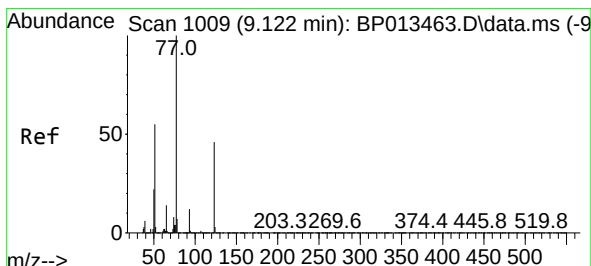
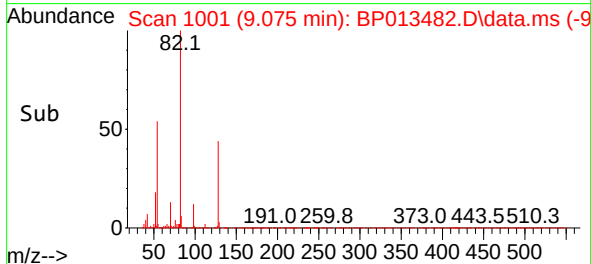
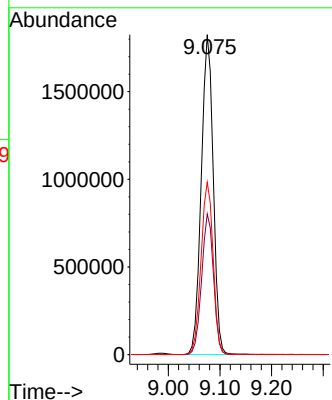
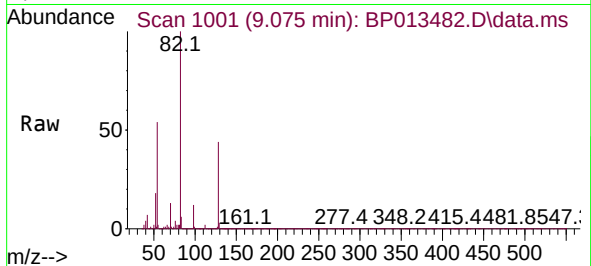
#23
Nitrobenzene-d5
Concen: 69.870 ng
RT: 9.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 82 Resp: 293856
Ion Ratio Lower Upper
82 100
128 44.0 35.4 53.0
54 53.9 42.8 64.2

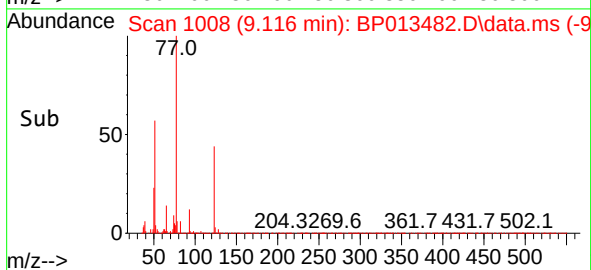
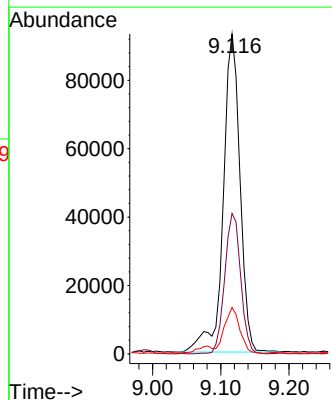
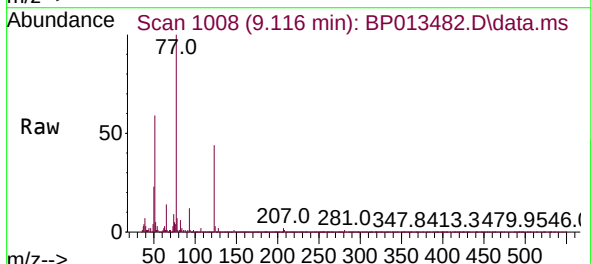
Manual Integrations
APPROVED

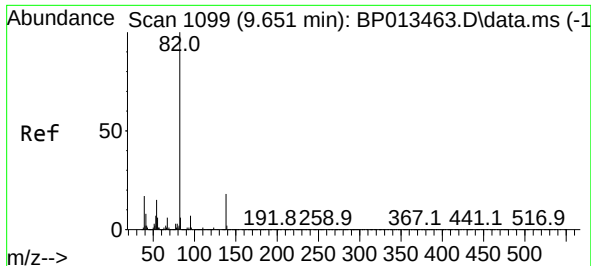
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#24
Nitrobenzene
Concen: 3.645 ng
RT: 9.116 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion: 77 Resp: 158587
Ion Ratio Lower Upper
77 100
123 43.9 36.5 54.7
65 14.5 11.0 16.6





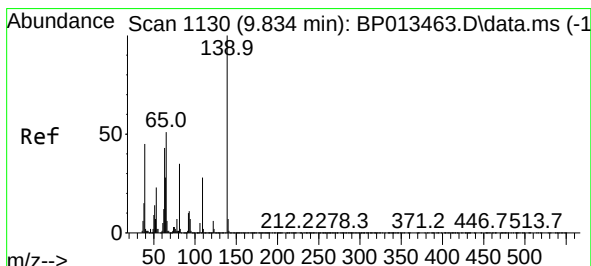
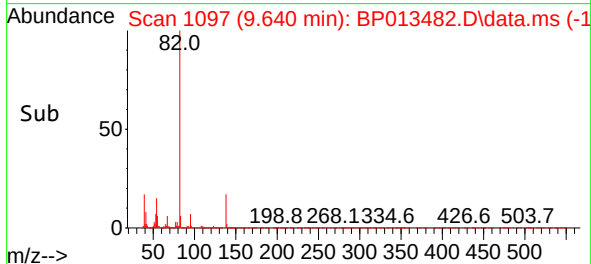
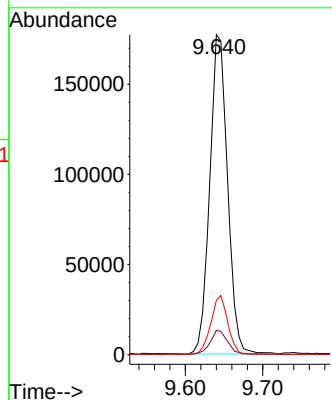
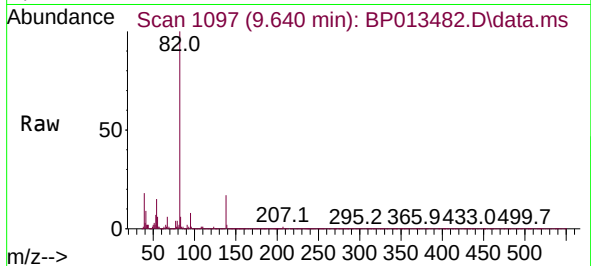
#25
Isophorone
Concen: 3.284 ng
RT: 9.640 min Scan# 1099
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
Client Sample Id : LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 82 Resp: 28429
Ion Ratio Lower Upper
82 100
95 7.6 5.4 8.0
138 16.9 14.5 21.7

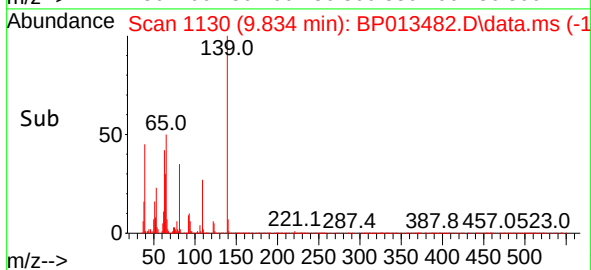
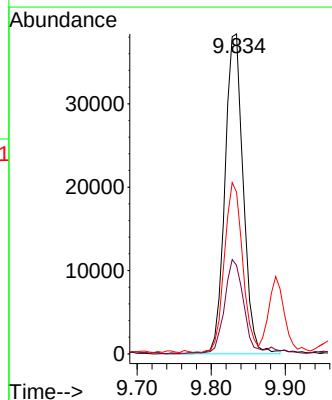
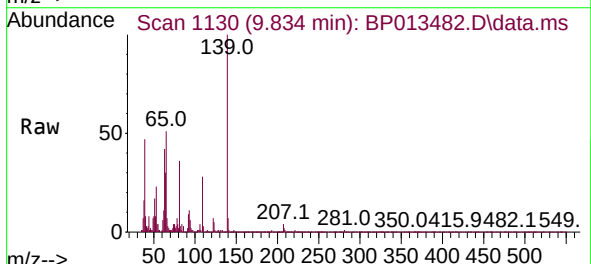
Manual Integrations
APPROVED

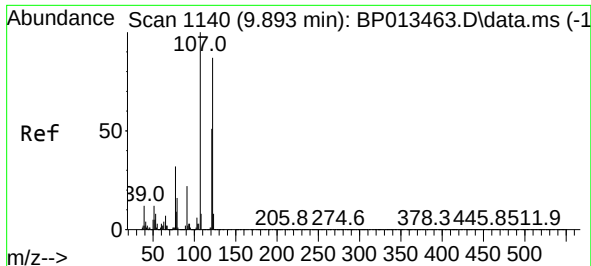
Reviewed By : Christian Giraldo 01/17/2023
Supervised By : Jagrut Upadhyay 01/18/2023



#26
2-Nitrophenol
Concen: 3.052 ng
RT: 9.834 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion: 139 Resp: 65637
Ion Ratio Lower Upper
139 100
109 27.7 22.5 33.7
65 50.6 41.0 61.4





#27

2,4-Dimethylphenol

Concen: 3.094 ng

RT: 9.887 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BP013482.D

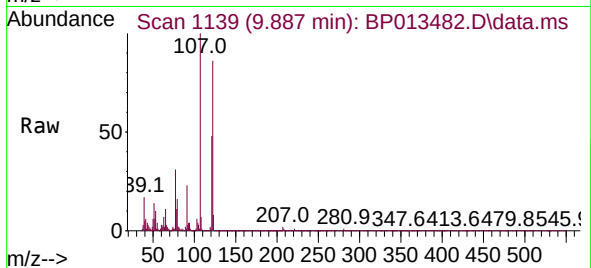
Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 122 Resp: 109535

Ion Ratio Lower Upper

122 100

107 116.4 91.6 137.4

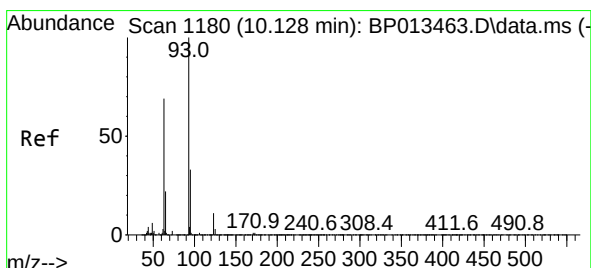
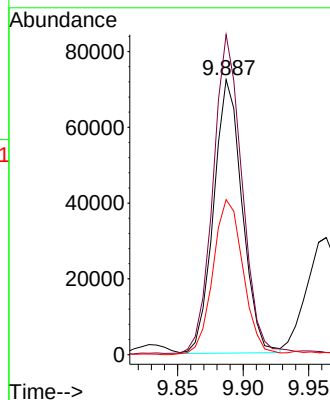
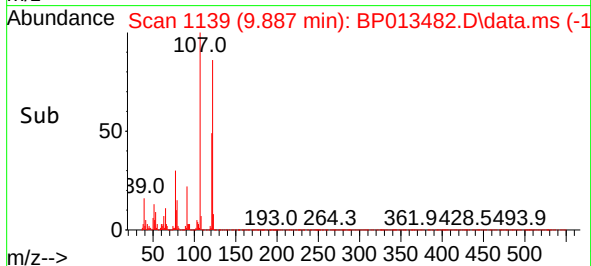
121 56.4 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#28

bis(2-Chloroethoxy)methane

Concen: 3.434 ng

RT: 10.122 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

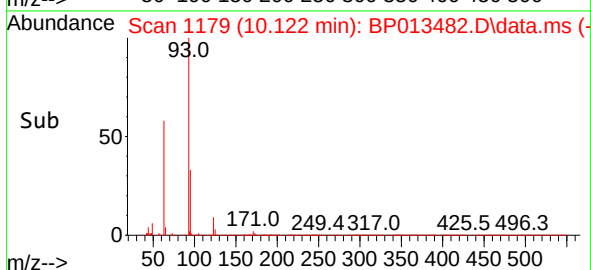
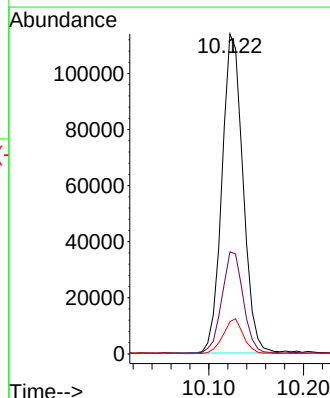
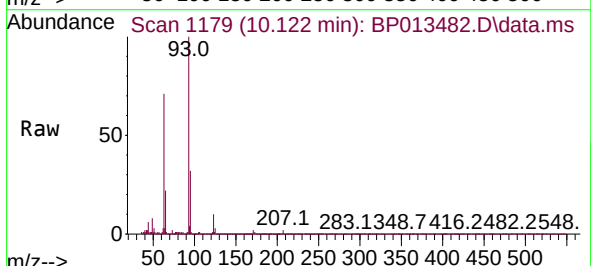
Tgt Ion: 93 Resp: 175329

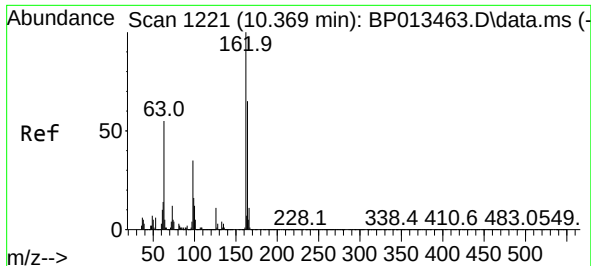
Ion Ratio Lower Upper

93 100

95 31.9 26.1 39.1

123 10.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 3.210 ng

RT: 10.363 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

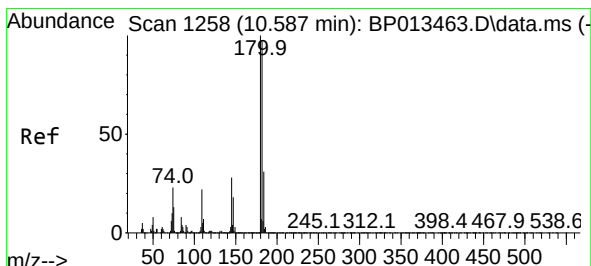
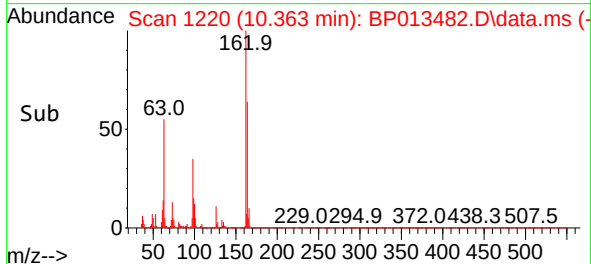
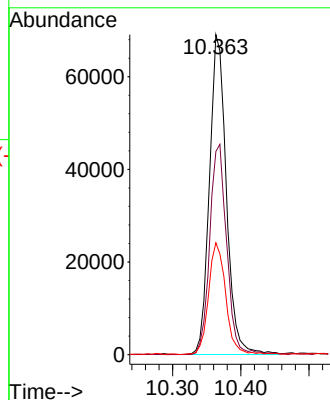
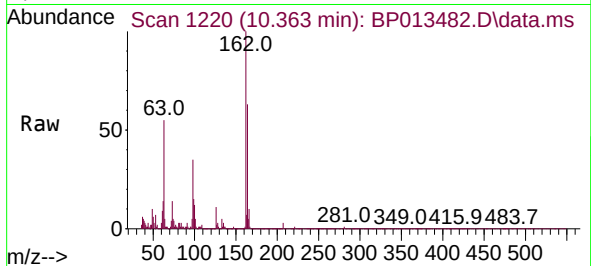
Tgt Ion:	162	Resp:	119254
Ion Ratio	Lower	Upper	
162	100		
164	63.5	45.4	85.4
98	34.9	14.8	54.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#30

1,2,4-Trichlorobenzene

Concen: 3.623 ng

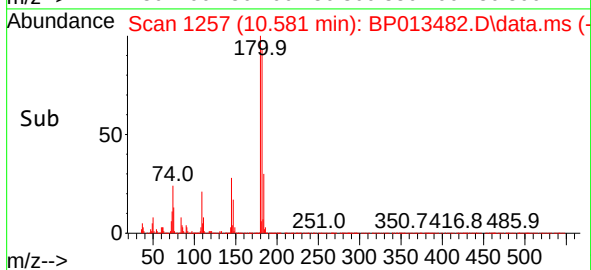
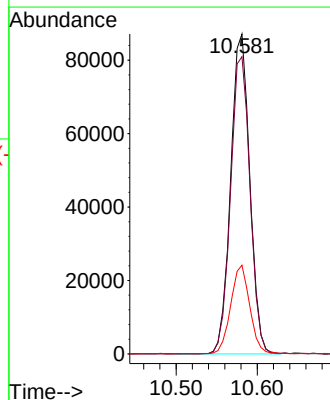
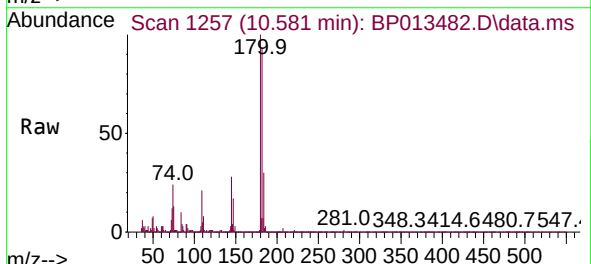
RT: 10.581 min Scan# 1257

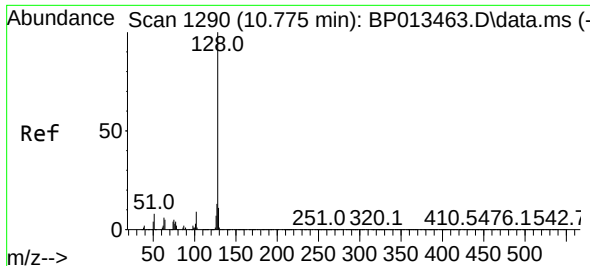
Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Tgt Ion:	180	Resp:	142443
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.3	115.9
145	27.7	22.8	34.2





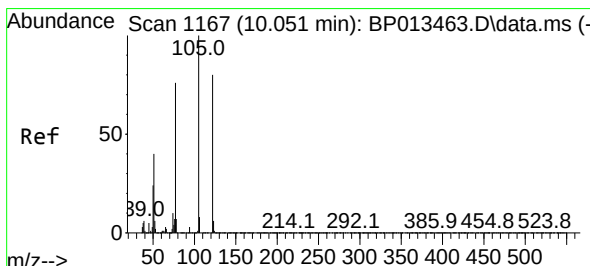
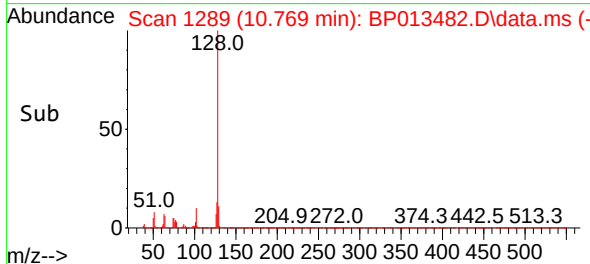
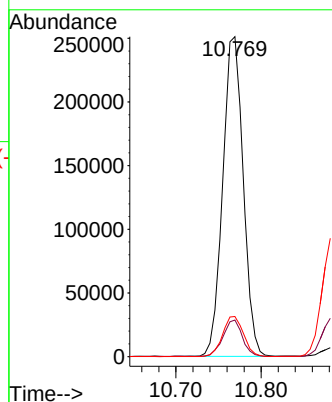
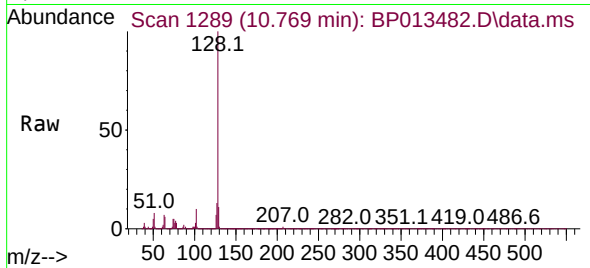
#31
Naphthalene
Concen: 3.551 ng
RT: 10.769 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:128 Resp: 419549
Ion Ratio Lower Upper
128 100
129 11.4 8.9 13.3
127 12.5 10.6 16.0

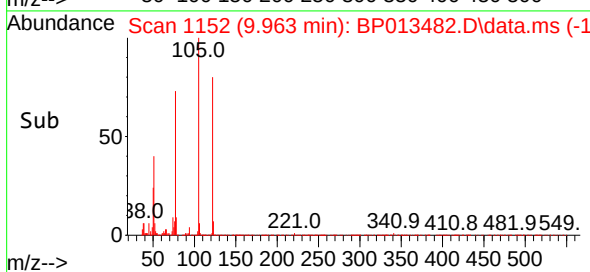
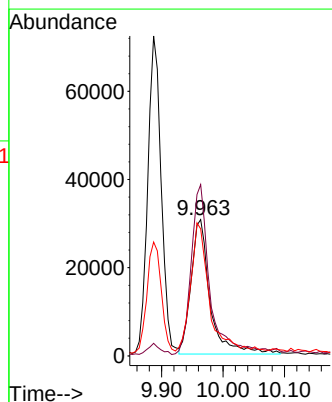
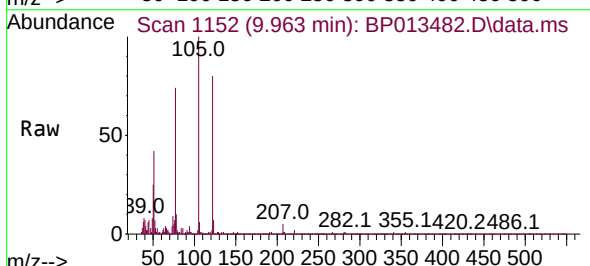
Manual Integrations
APPROVED

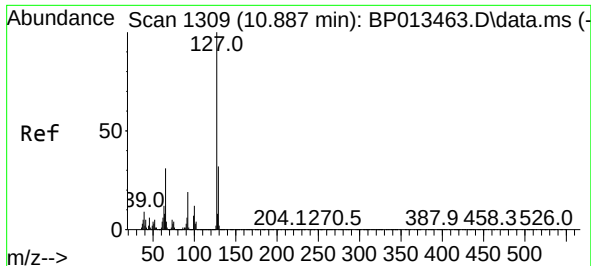
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#32
Benzoic acid
Concen: 2.235 ng m
RT: 9.963 min Scan# 1152
Delta R.T. -0.088 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

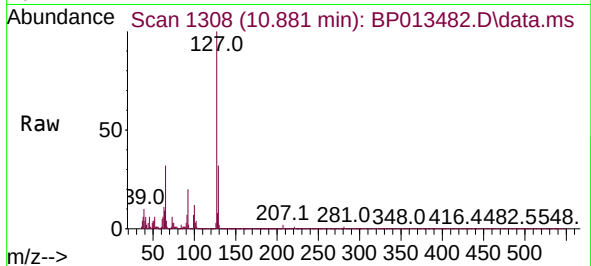
Tgt Ion:122 Resp: 66006
Ion Ratio Lower Upper
122 100
105 125.7 102.7 142.7
77 93.2 74.0 114.0





#33
4-Chloroaniline
Concen: 3.010 ng
RT: 10.881 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

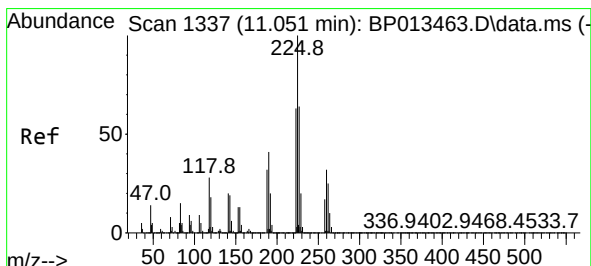
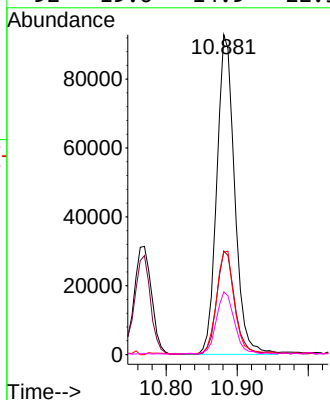
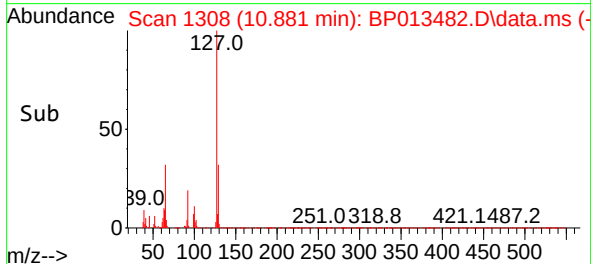
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:127 Resp: 16244
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 32.0 25.2 37.8
92 19.6 14.9 22.3

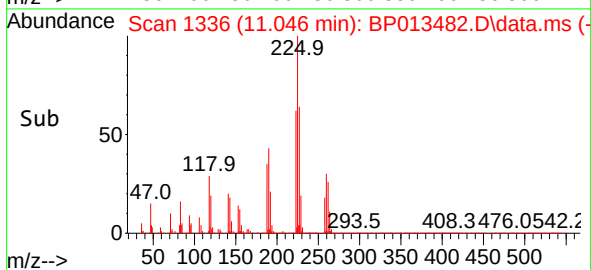
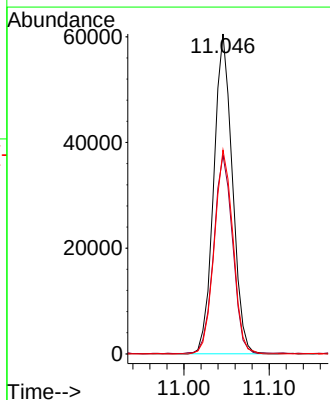
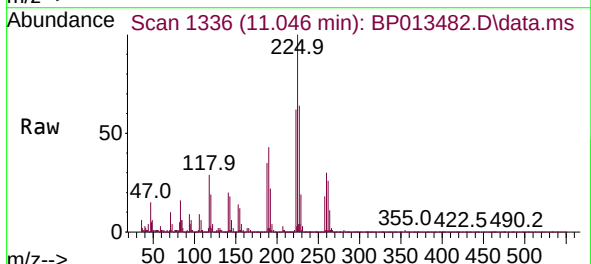
Manual Integrations
APPROVED

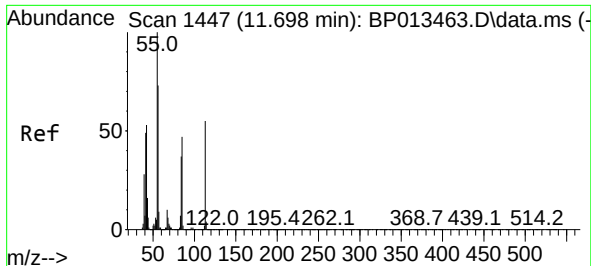
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#34
Hexachlorobutadiene
Concen: 3.702 ng
RT: 11.046 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

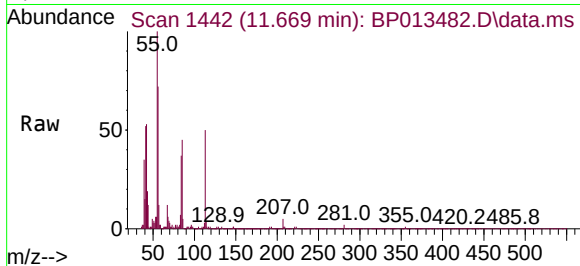
Tgt Ion:225 Resp: 91732
Ion Ratio Lower Upper
225 100
223 62.1 50.0 75.0
227 63.7 51.0 76.6





#35
Caprolactam
Concen: 2.974 ng
RT: 11.669 min Scan# 1447
Delta R.T. -0.029 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

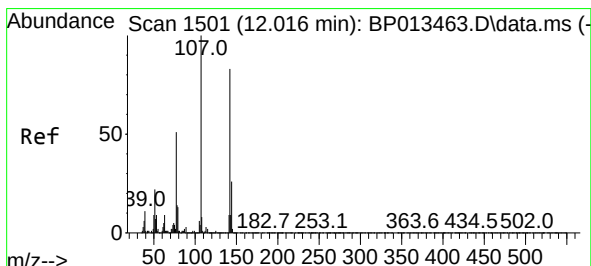
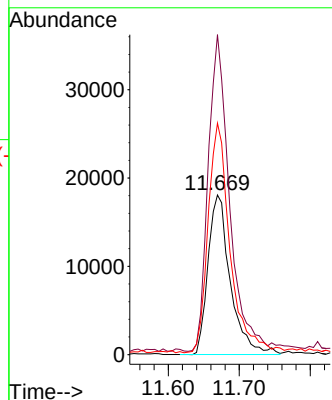
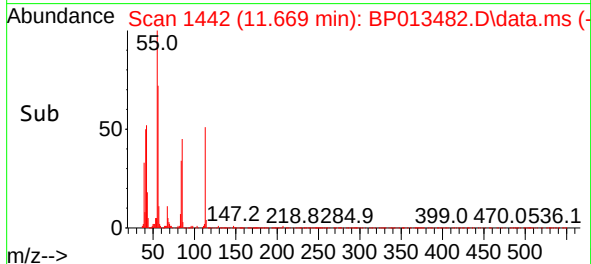
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



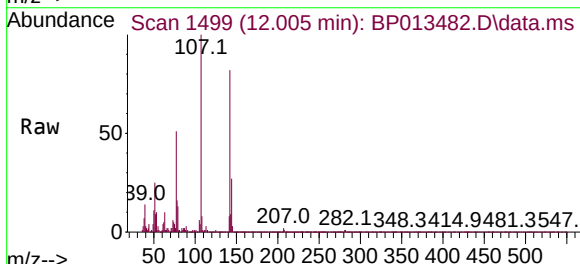
Tgt Ion:113 Resp: 3936
Ion Ratio Lower Upper
113 100
55 200.5 163.1 203.1
56 145.0 113.0 153.0

Manual Integrations
APPROVED

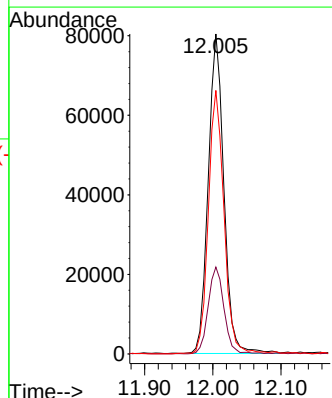
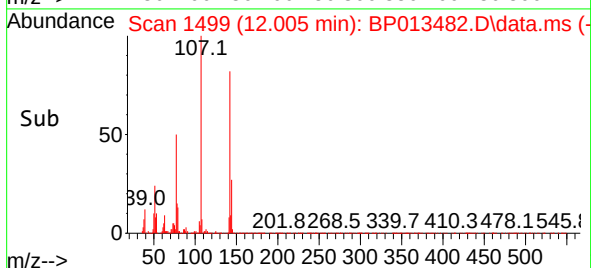
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

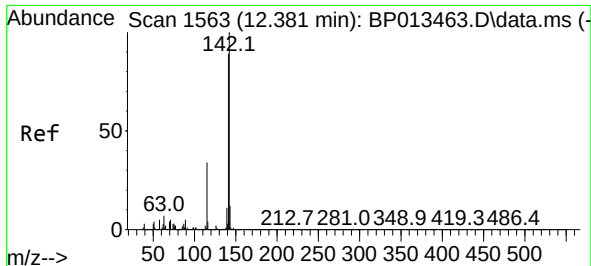


#36
4-Chloro-3-methylphenol
Concen: 3.162 ng
RT: 12.005 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



Tgt Ion:107 Resp: 128007
Ion Ratio Lower Upper
107 100
144 27.1 21.2 31.8
142 82.3 66.0 99.0





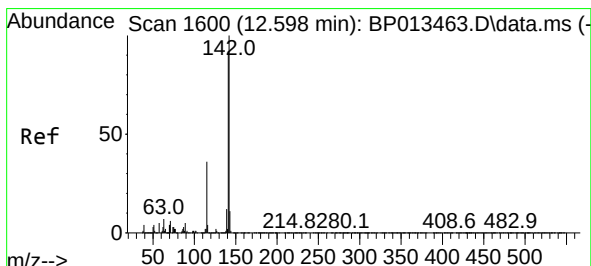
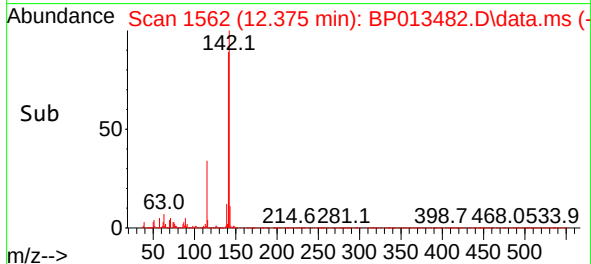
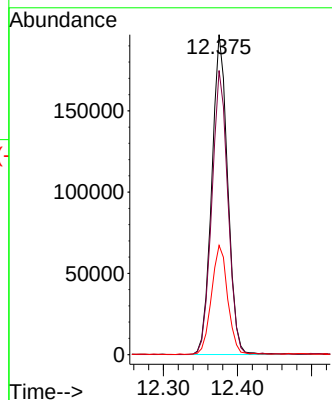
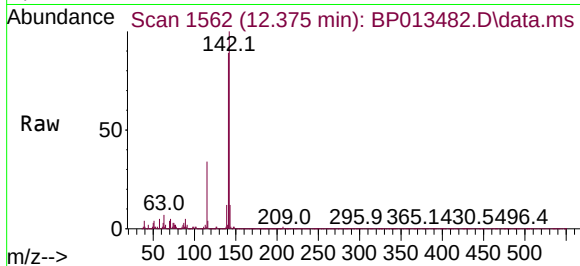
#37
2-Methylnaphthalene
Concen: 3.319 ng
RT: 12.375 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:142 Resp: 294385
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7
115 34.1 27.6 41.4

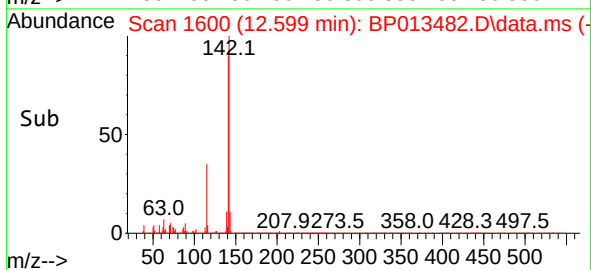
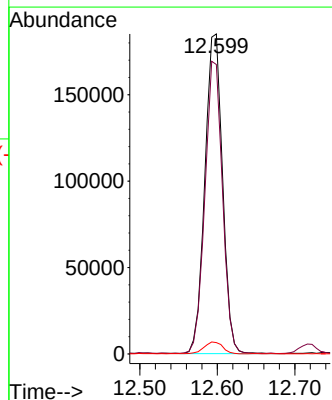
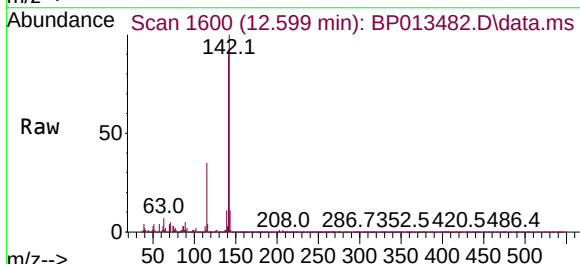
Manual Integrations
APPROVED

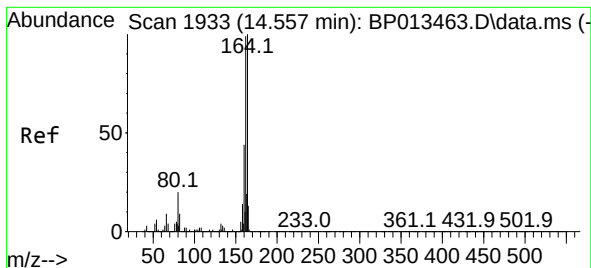
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#38
1-Methylnaphthalene
Concen: 3.502 ng
RT: 12.599 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:142 Resp: 293066
Ion Ratio Lower Upper
142 100
141 90.4 73.3 109.9
116 3.5 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:164 Resp: 1537285

Ion Ratio Lower Upper

164 100

162 99.0 79.5 119.3

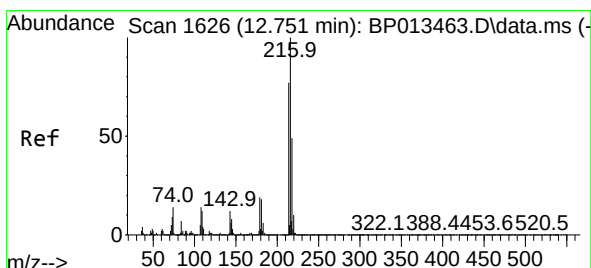
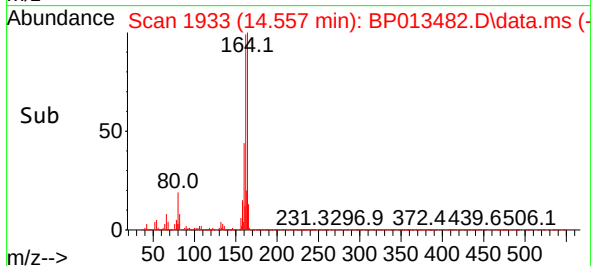
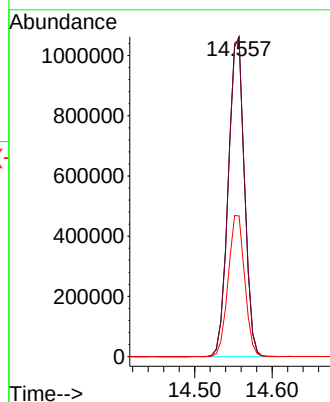
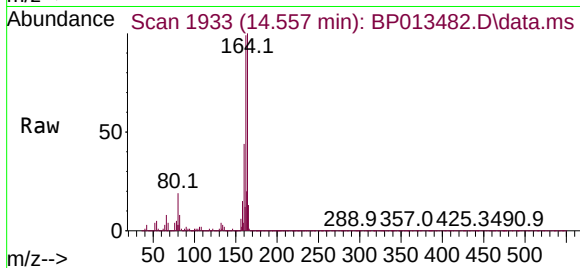
160 44.0 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 3.536 ng

RT: 12.746 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Tgt Ion:216 Resp: 178168

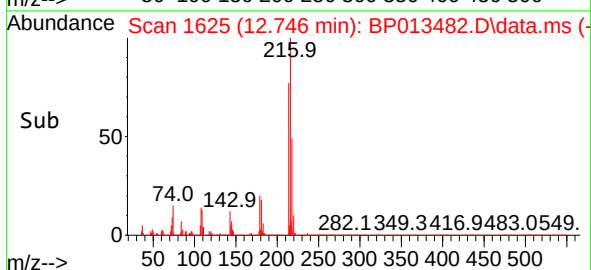
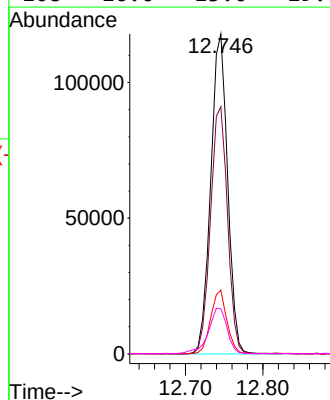
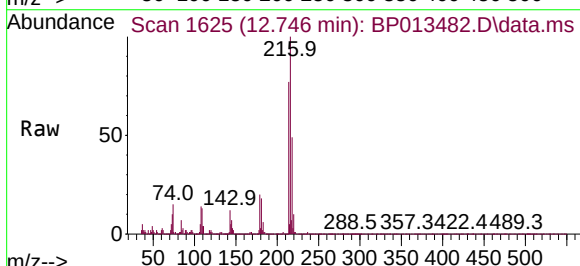
Ion Ratio Lower Upper

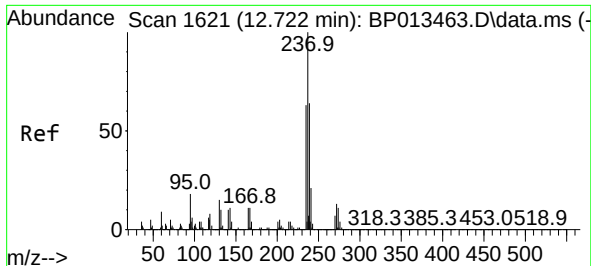
216 100

214 77.9 62.1 93.1

179 19.2 15.6 23.4

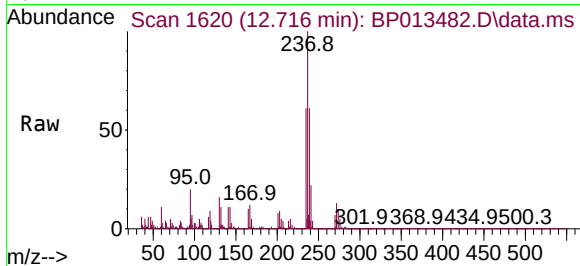
108 16.0 13.0 19.6





#41
Hexachlorocyclopentadiene
Concen: 2.866 ng
RT: 12.716 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

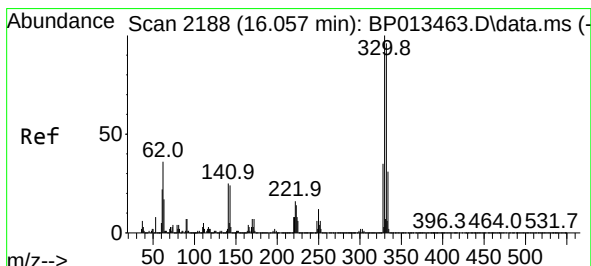
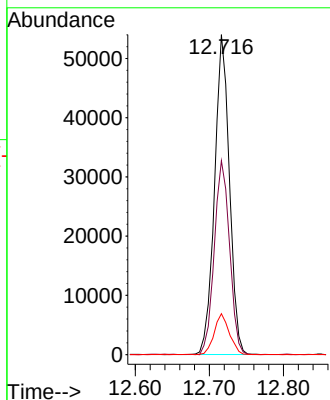
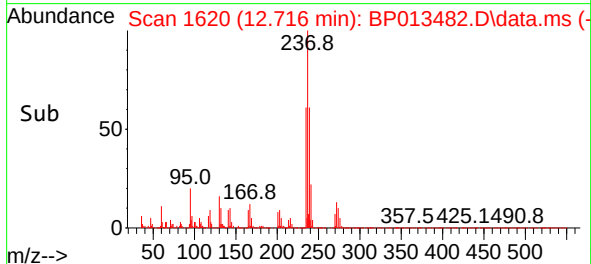
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



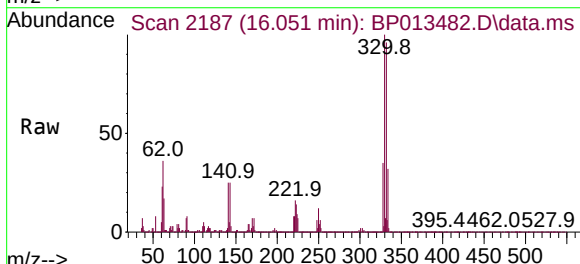
Tgt Ion: 237 Resp: 75289
Ion Ratio Lower Upper
237 100
235 60.6 43.4 83.4
272 12.8 0.0 32.7

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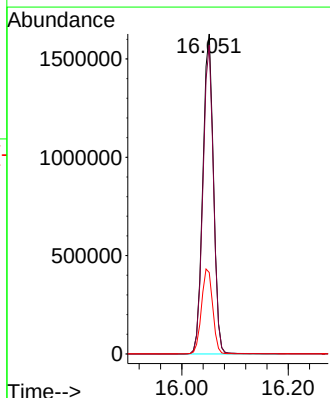
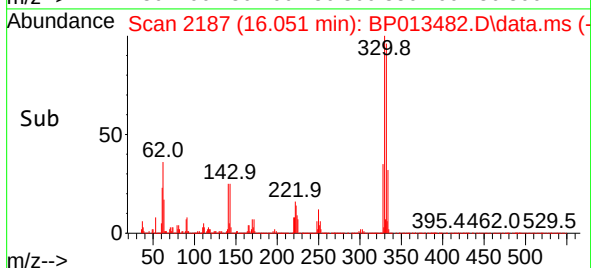
Reviewed By : Christian Giraldo 01/17/2023
Supervised By : Jagrut Upadhyay 01/18/2023

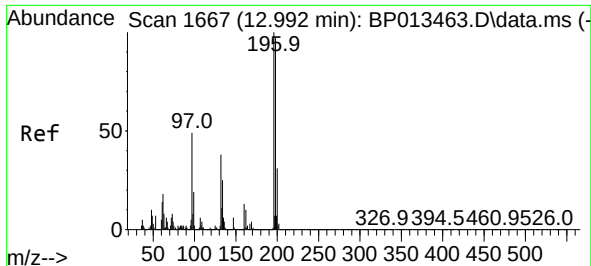


#42
2,4,6-Tribromophenol
Concen: 93.588 ng
RT: 16.051 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



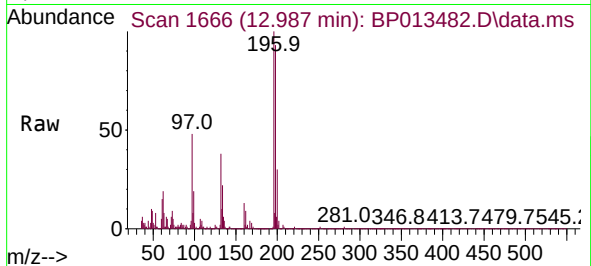
Tgt Ion: 330 Resp: 2245779
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 28.0 22.2 33.4





#43
2,4,6-Trichlorophenol
Concen: 3.149 ng
RT: 12.987 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

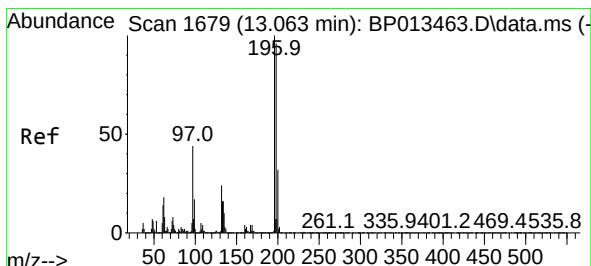
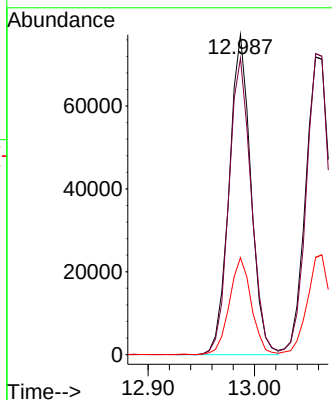
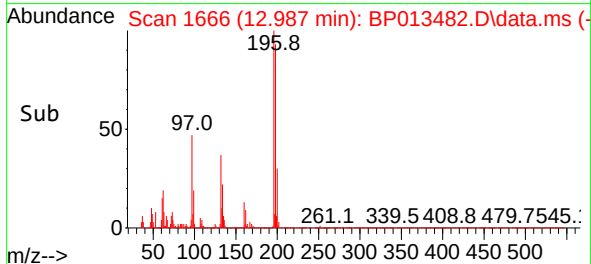
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:196 Resp: 109104
Ion Ratio Lower Upper
196 100
198 92.6 77.4 116.0
200 30.3 24.7 37.1

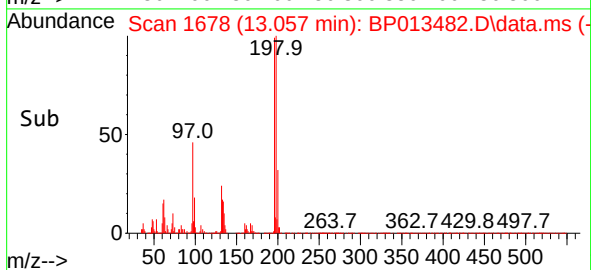
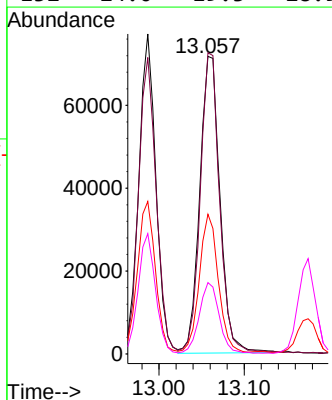
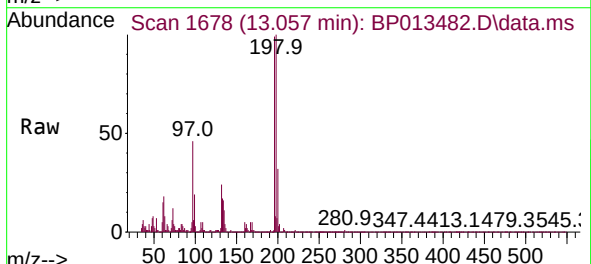
Manual Integrations
APPROVED

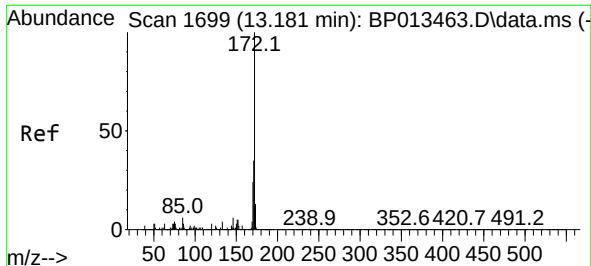
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#44
2,4,5-Trichlorophenol
Concen: 2.909 ng
RT: 13.057 min Scan# 1678
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:196 Resp: 118272
Ion Ratio Lower Upper
196 100
198 101.2 76.8 115.2
97 46.9 34.9 52.3
132 24.0 19.3 28.9





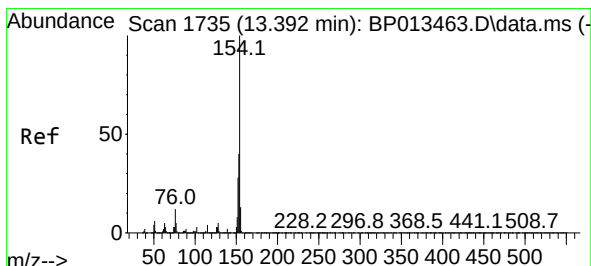
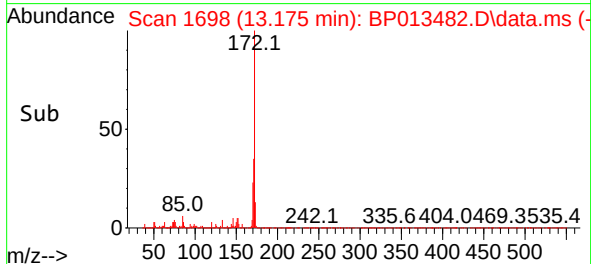
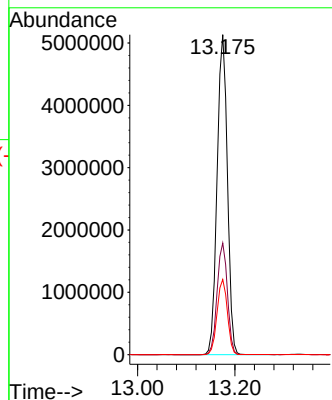
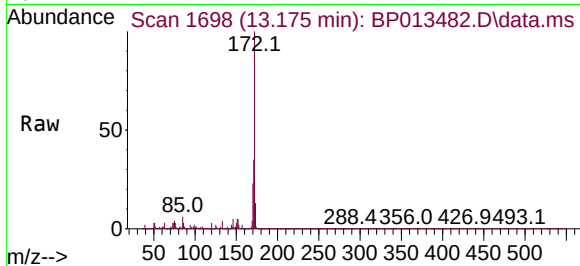
#45
2-Fluorobiphenyl
Concen: 71.467 ng
RT: 13.175 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:172 Resp: 751556
Ion Ratio Lower Upper
172 100
171 34.9 28.0 42.0
170 23.5 19.0 28.4

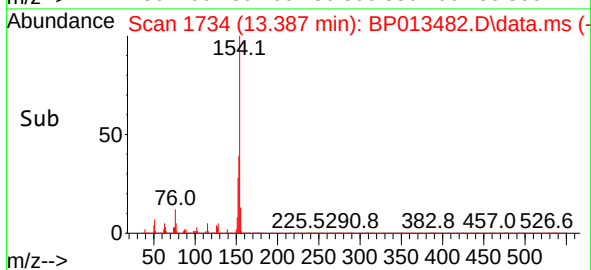
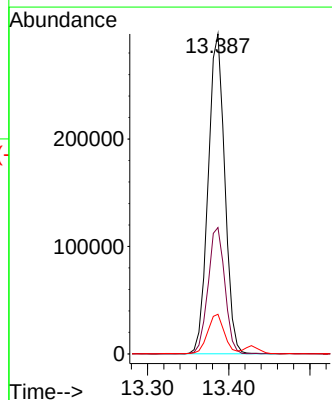
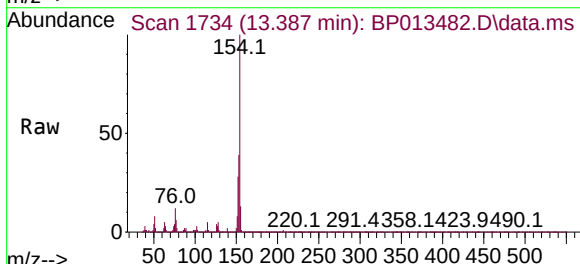
Manual Integrations
APPROVED

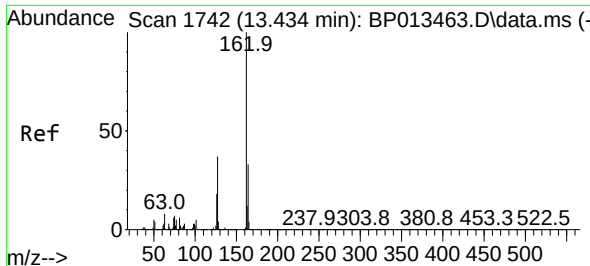
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#46
1,1'-Biphenyl
Concen: 3.643 ng
RT: 13.387 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:154 Resp: 423452
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 12.4 0.0 32.5





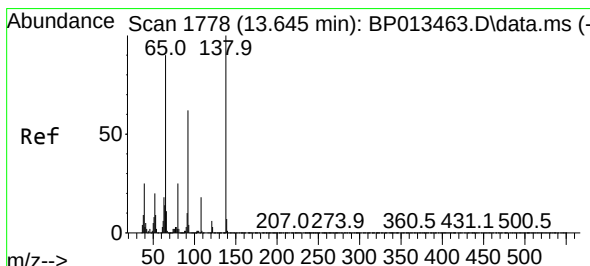
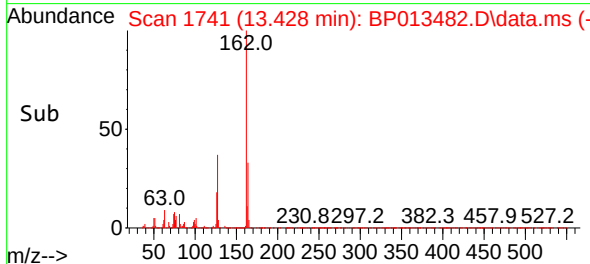
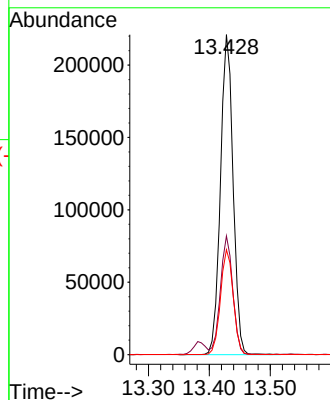
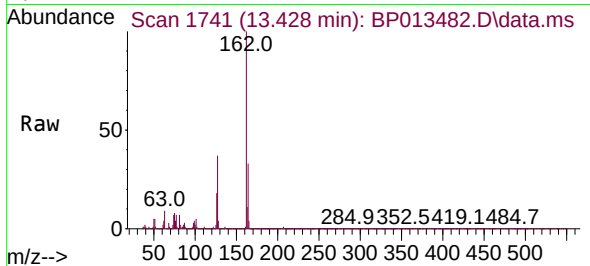
#47
2-Chloronaphthalene
Concen: 3.572 ng
RT: 13.428 min Scan# 1741
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:162 Resp: 318458
Ion Ratio Lower Upper
162 100
127 37.1 29.8 44.8
164 32.8 26.4 39.6

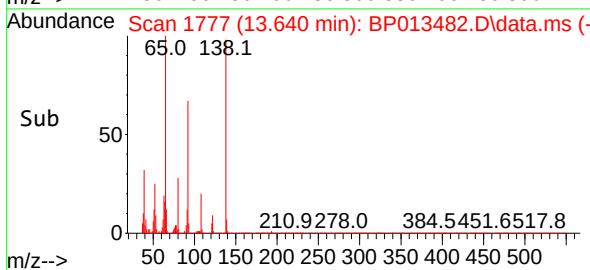
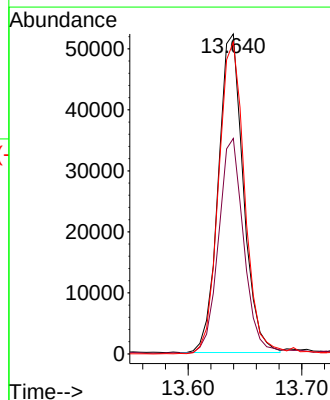
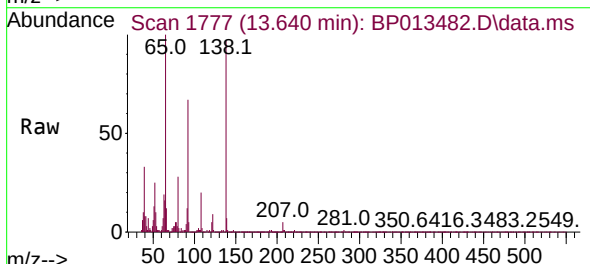
Manual Integrations
APPROVED

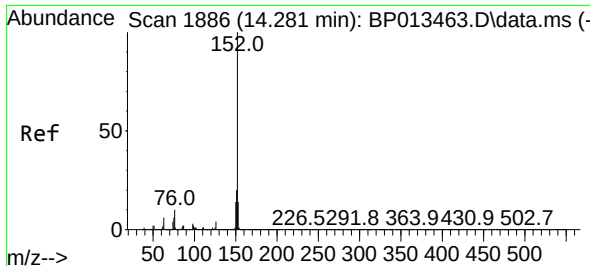
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#48
2-Nitroaniline
Concen: 2.726 ng
RT: 13.640 min Scan# 1777
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion: 65 Resp: 79983
Ion Ratio Lower Upper
65 100
92 67.3 55.1 82.7
138 97.4 88.5 132.7





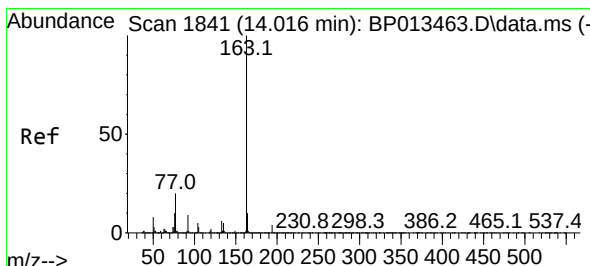
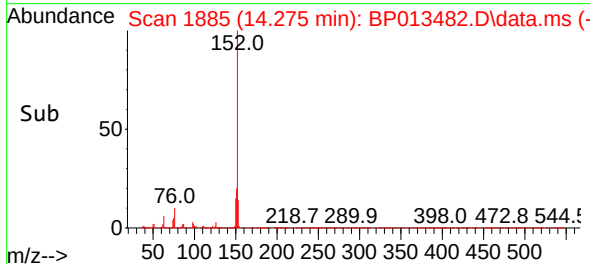
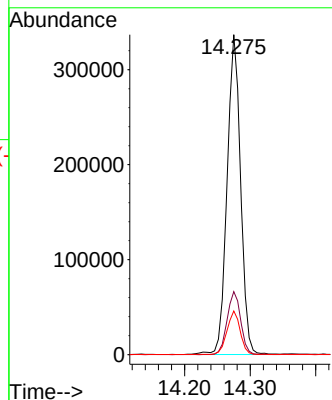
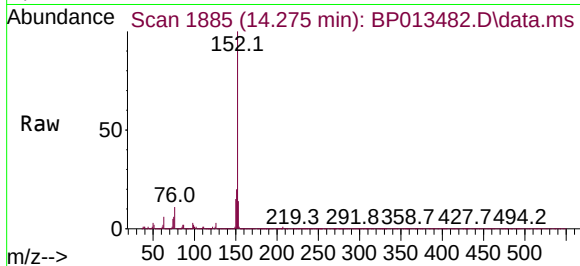
#49
Acenaphthylene
Concen: 3.294 ng
RT: 14.275 min Scan# 1885
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:152 Resp: 48420
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.6 10.9 16.3

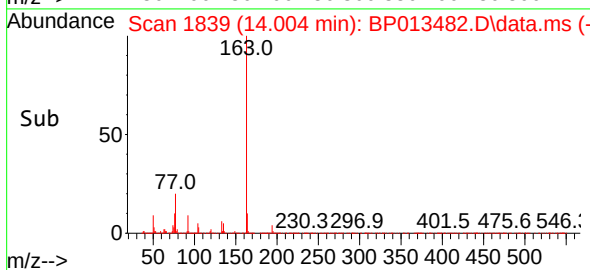
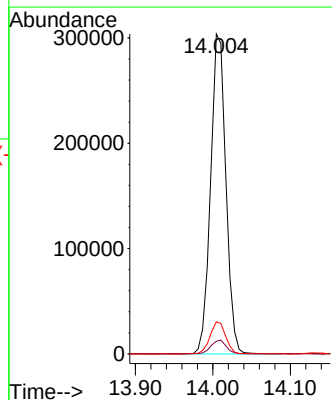
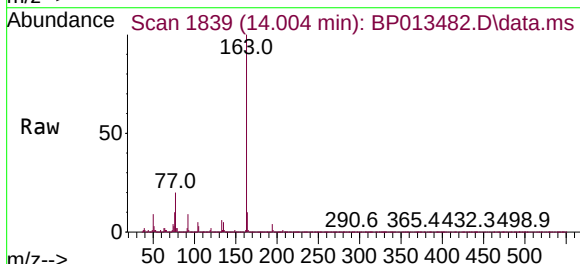
Manual Integrations
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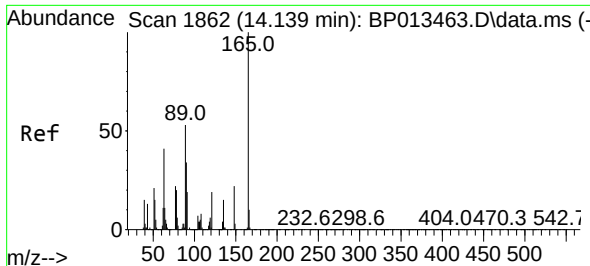
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#50
Dimethylphthalate
Concen: 3.415 ng
RT: 14.004 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:163 Resp: 416250
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 10.0 8.3 12.5





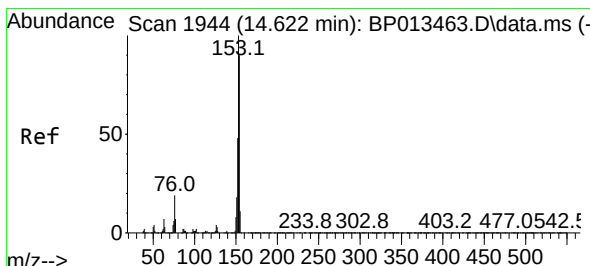
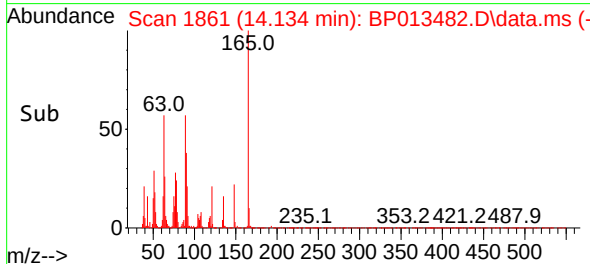
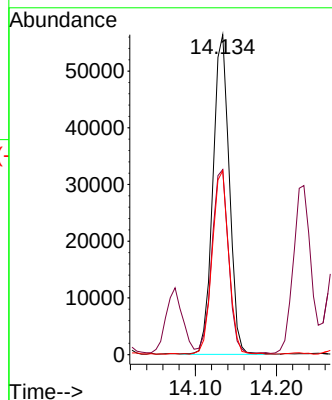
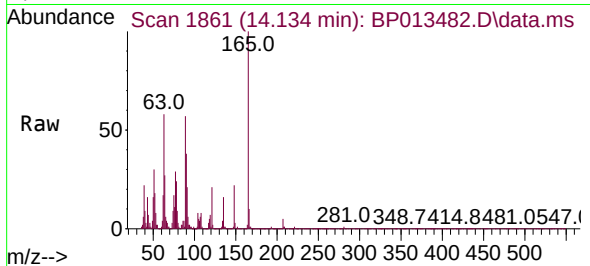
#51
2,6-Dinitrotoluene
Concen: 2.977 ng
RT: 14.134 min Scan# 1862
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:165 Resp: 79168
Ion Ratio Lower Upper
165 100
63 57.8 42.8 64.2
89 57.5 42.5 63.7

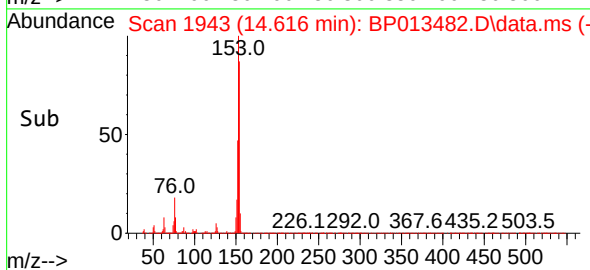
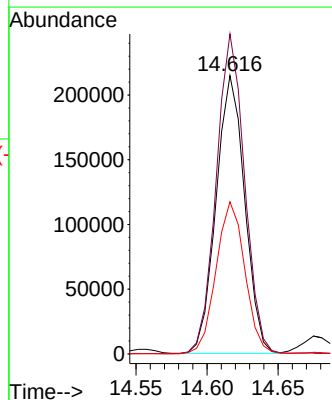
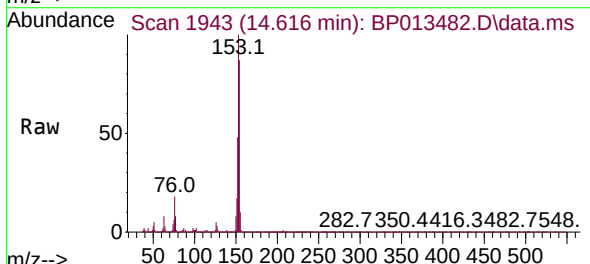
Manual Integrations
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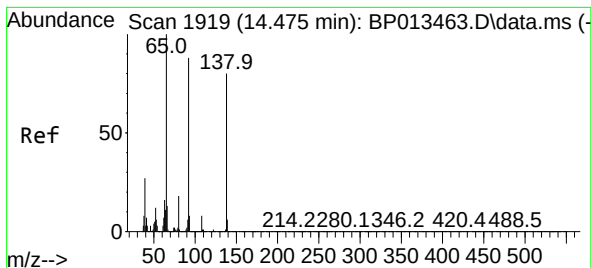
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#52
Acenaphthene
Concen: 3.454 ng
RT: 14.616 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:154 Resp: 300530
Ion Ratio Lower Upper
154 100
153 115.0 89.2 133.8
152 54.7 42.8 64.2





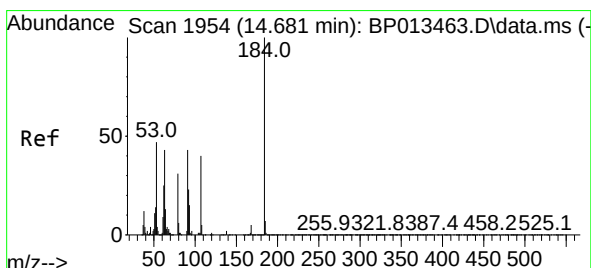
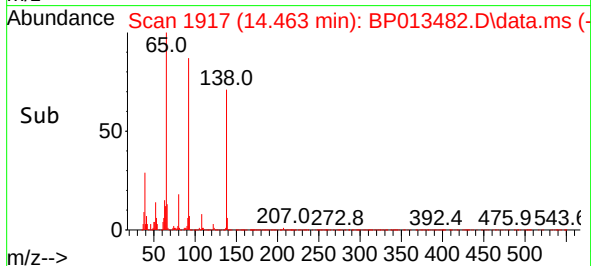
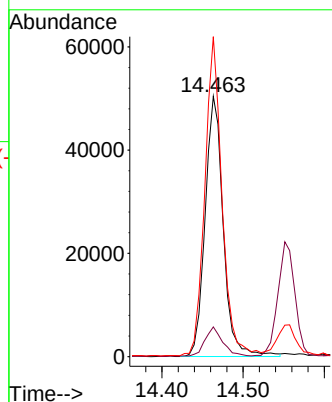
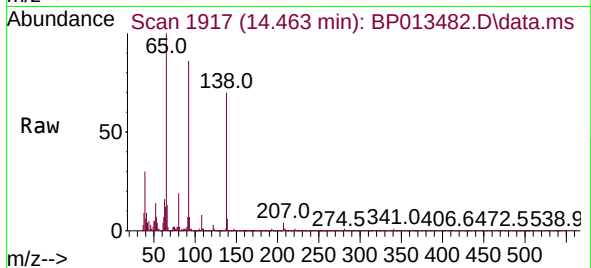
#53
3-Nitroaniline
Concen: 2.756 ng
RT: 14.463 min Scan# 1919
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:138 Resp: 78414
Ion Ratio Lower Upper
138 100
108 11.4 7.7 11.5
92 123.0 88.2 132.2

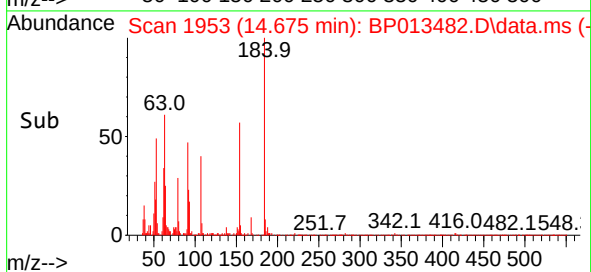
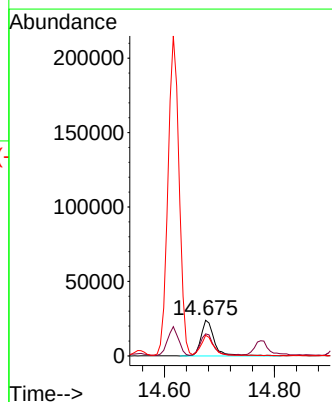
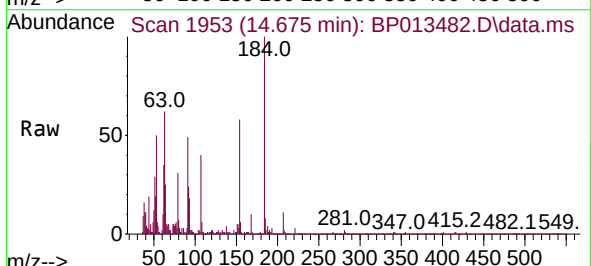
Manual Integrations
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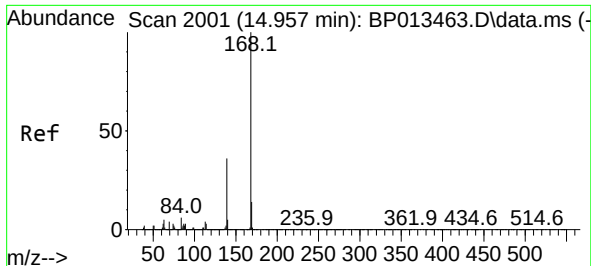
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#54
2,4-Dinitrophenol
Concen: 2.194 ng
RT: 14.675 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

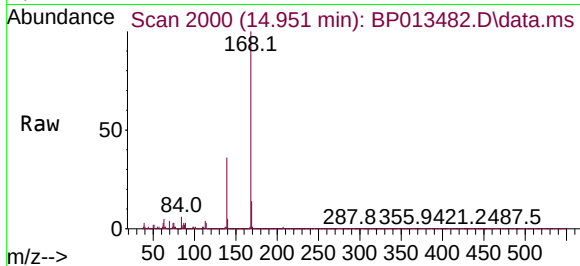
Tgt Ion:184 Resp: 39647
Ion Ratio Lower Upper
184 100
63 62.0 49.8 74.8
154 57.6 45.8 68.8





#55
Dibenzofuran
Concen: 3.534 ng
RT: 14.951 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

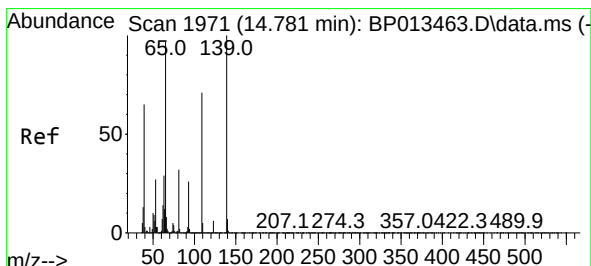
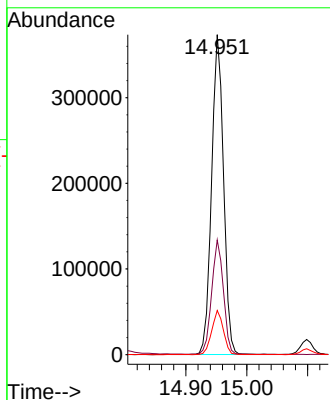
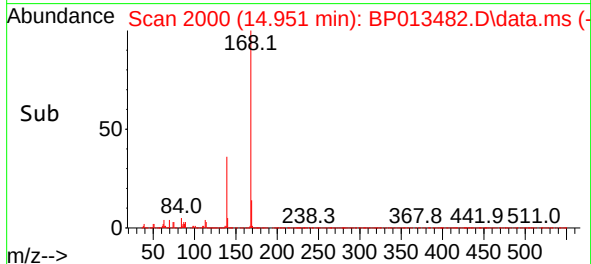
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



Tgt Ion:168 Resp: 509829
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 13.8 11.0 16.6

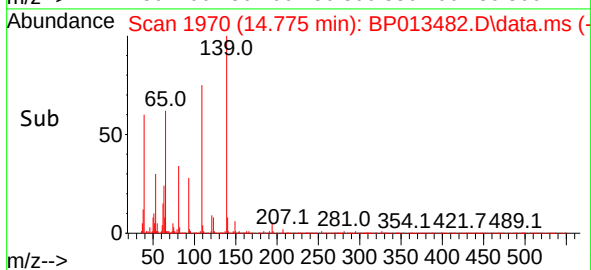
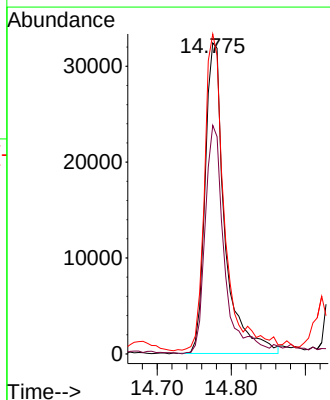
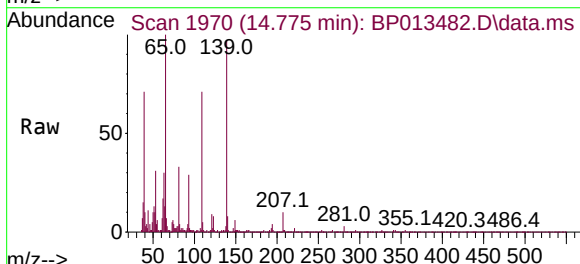
Manual Integrations
APPROVED

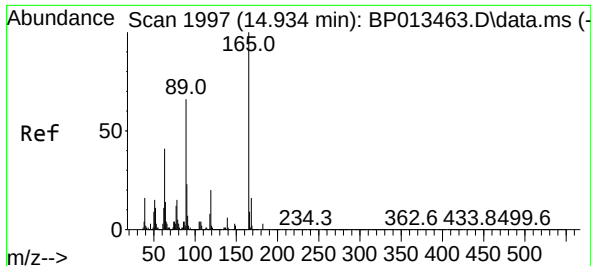
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#56
4-Nitrophenol
Concen: 2.612 ng
RT: 14.775 min Scan# 1970
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

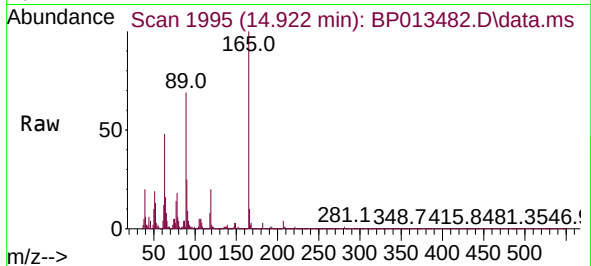
Tgt Ion:139 Resp: 59719
Ion Ratio Lower Upper
139 100
109 73.5 51.0 91.0
65 102.9 77.3 117.3





#57
2,4-Dinitrotoluene
Concen: 2.836 ng
RT: 14.922 min Scan# 1995
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

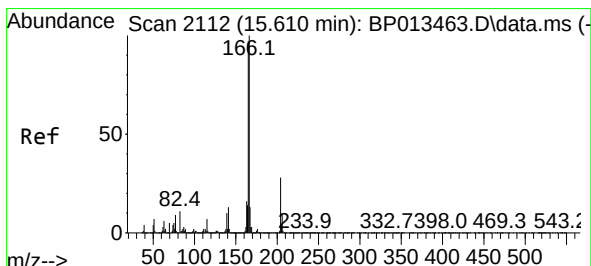
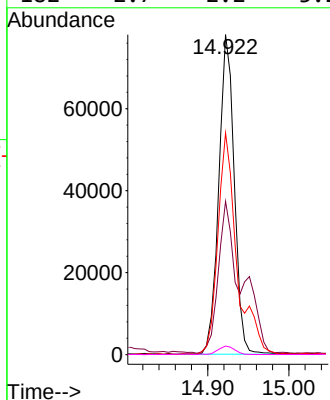
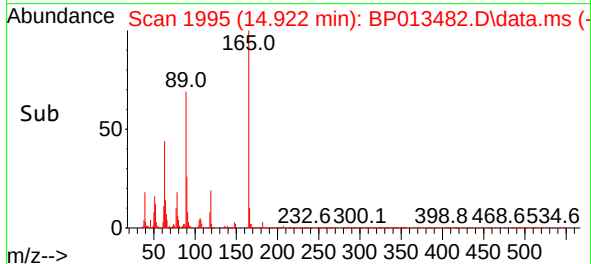
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



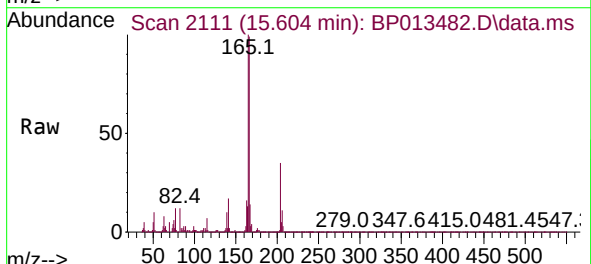
Tgt Ion:165 Resp: 103126
Ion Ratio Lower Upper
165 100
63 47.9 33.3 49.9
89 69.3 52.6 78.8
182 2.7 2.2 3.2

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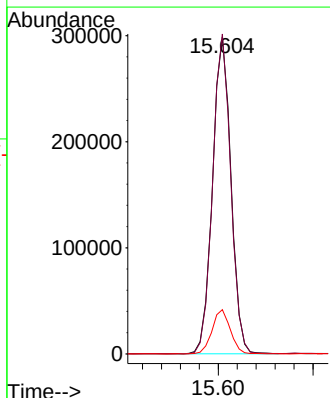
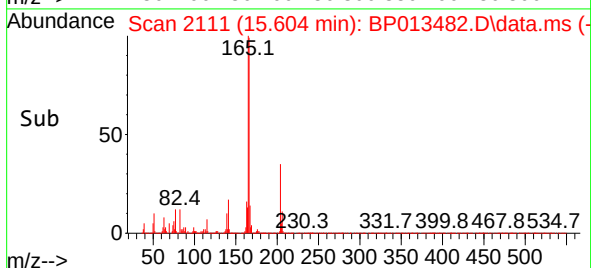
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

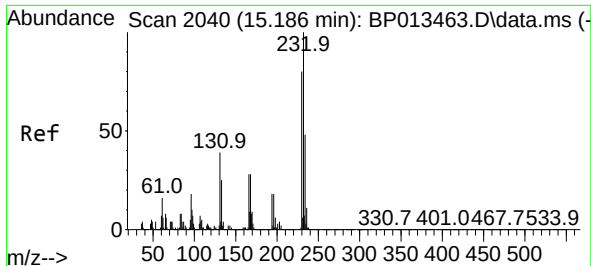


#58
Fluorene
Concen: 3.547 ng
RT: 15.604 min Scan# 2111
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



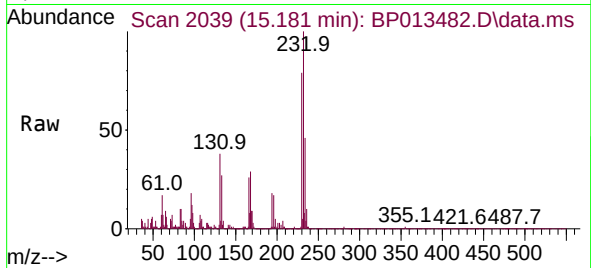
Tgt Ion:166 Resp: 403836
Ion Ratio Lower Upper
166 100
165 100.9 77.9 116.9
167 14.0 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.128 ng
RT: 15.181 min Scan# 2040
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

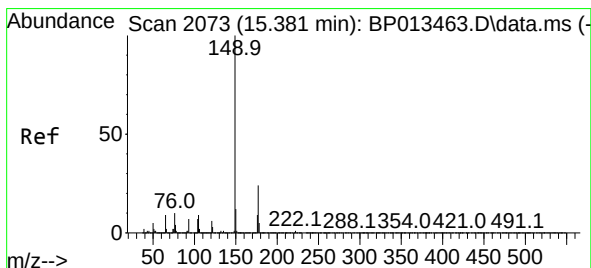
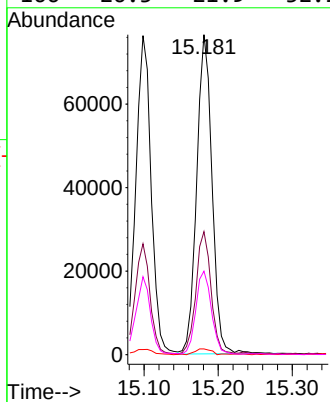
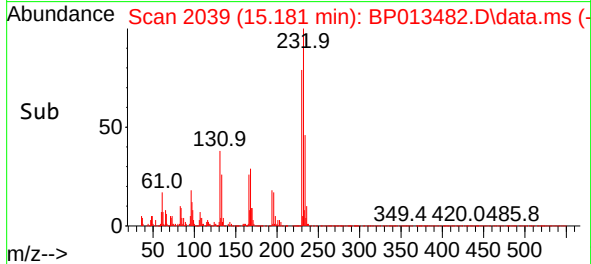
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:232 Resp: 109945
Ion Ratio Lower Upper
232 100
131 37.4 30.3 45.5
130 2.0 1.7 2.5
166 26.3 21.9 32.9

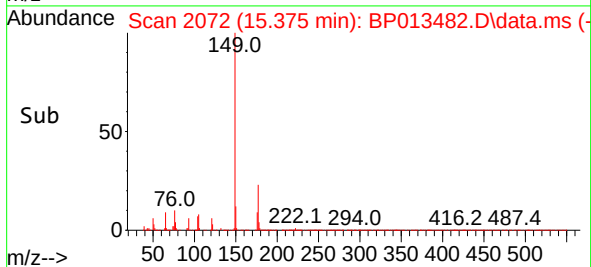
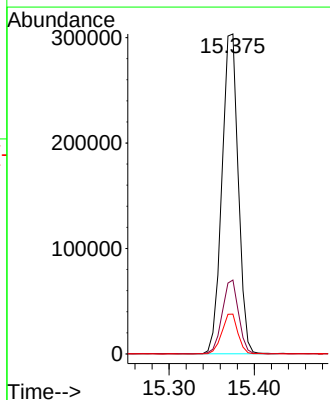
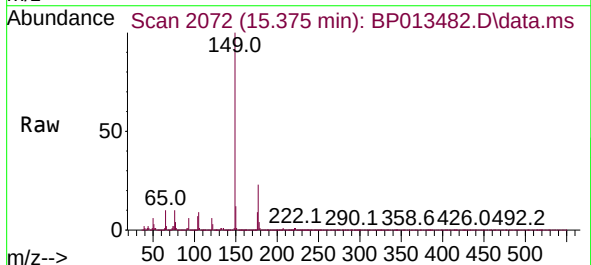
Manual Integrations
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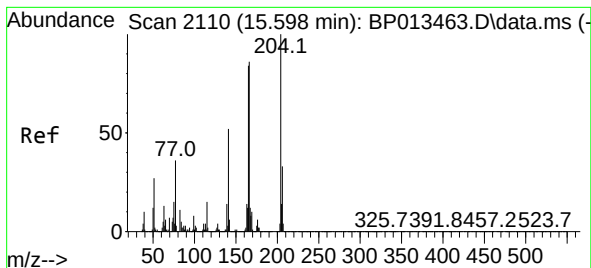
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#60
Diethylphthalate
Concen: 3.378 ng
RT: 15.375 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:149 Resp: 403011
Ion Ratio Lower Upper
149 100
177 23.1 18.8 28.2
150 12.4 9.9 14.9





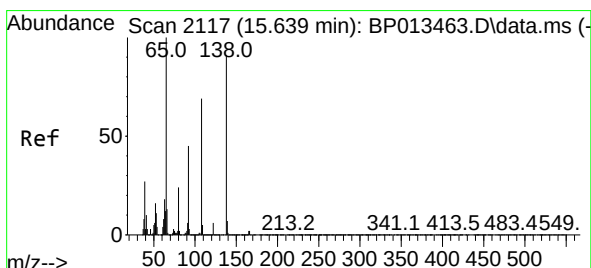
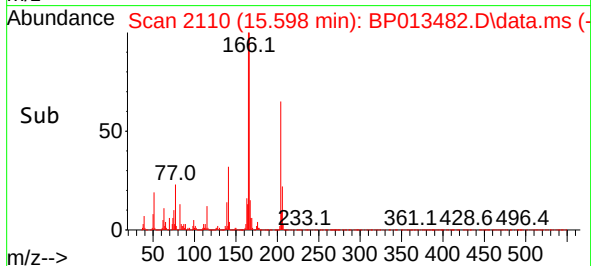
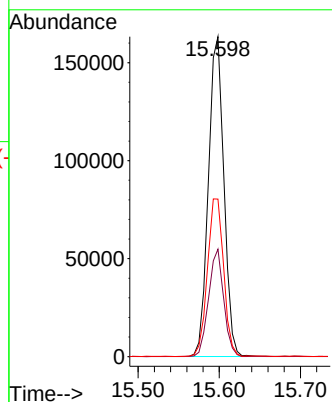
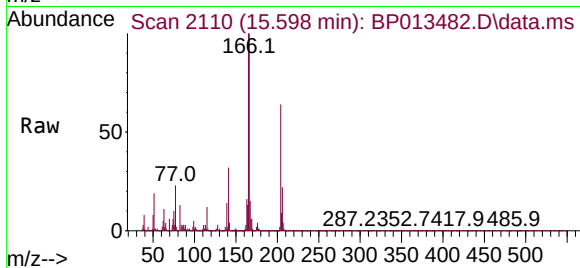
#61
4-Chlorophenyl-phenylether
Concen: 3.594 ng
RT: 15.598 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:204 Resp: 217274
Ion Ratio Lower Upper
204 100
206 33.6 26.4 39.6
141 49.2 41.3 61.9

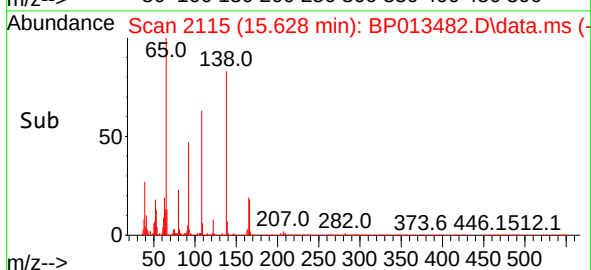
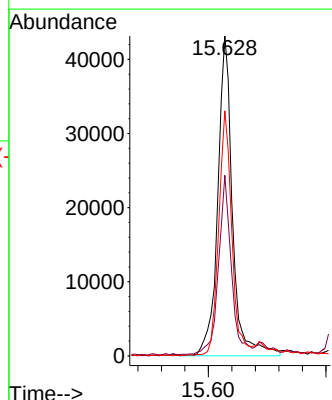
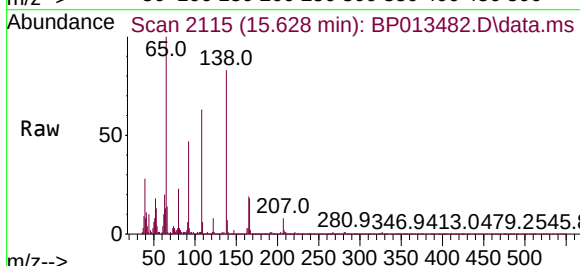
Manual Integrations
APPROVED

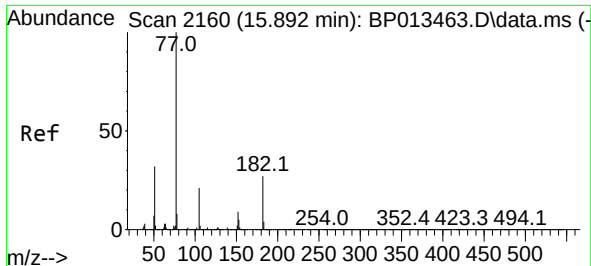
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#62
4-Nitroaniline
Concen: 2.578 ng
RT: 15.628 min Scan# 2115
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

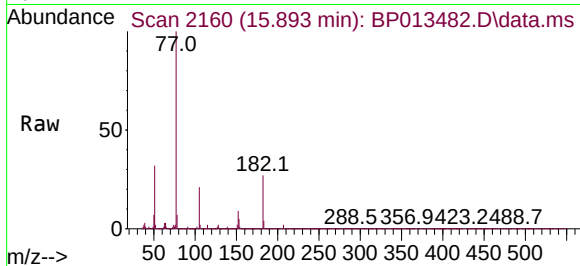
Tgt Ion:138 Resp: 75089
Ion Ratio Lower Upper
138 100
92 56.4 29.7 69.7
108 76.6 55.8 95.8





#63
Azobenzene
Concen: 3.257 ng
RT: 15.893 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

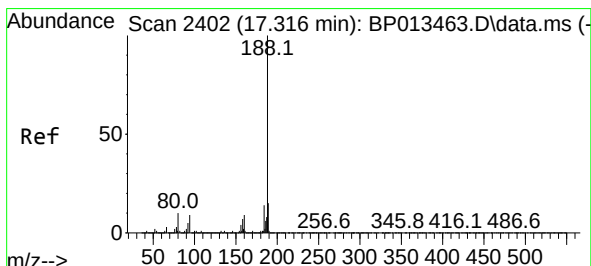
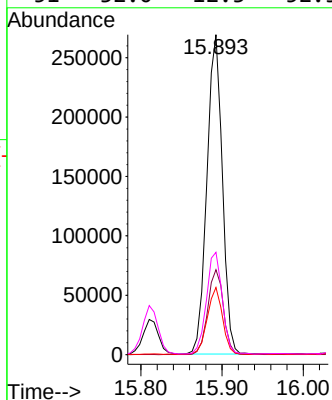
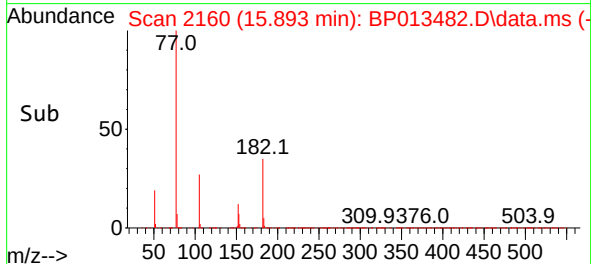
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion: 77 Resp: 356785
Ion Ratio Lower Upper
77 100
182 26.5 7.0 47.0
105 21.0 1.0 41.0
51 32.0 12.3 52.3

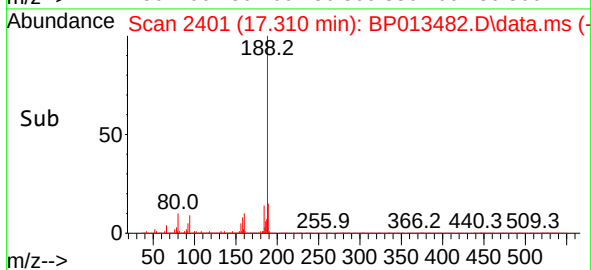
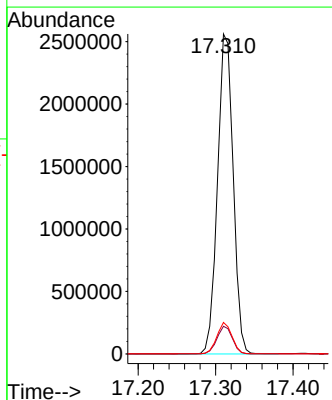
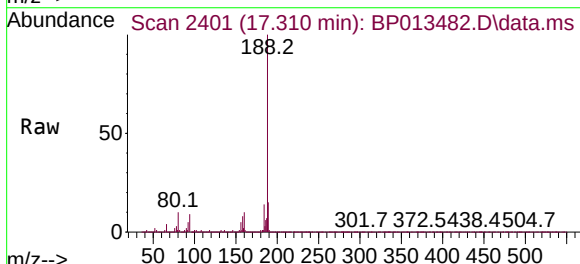
Manual Integrations
APPROVED

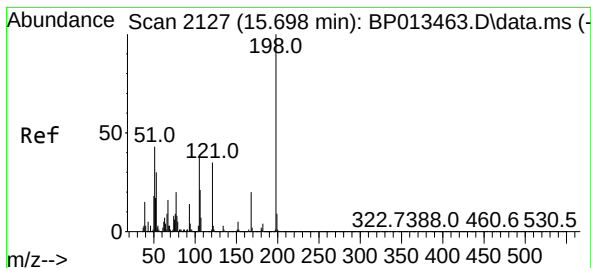
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:188 Resp: 3598398
Ion Ratio Lower Upper
188 100
94 8.6 7.1 10.7
80 9.8 7.9 11.9





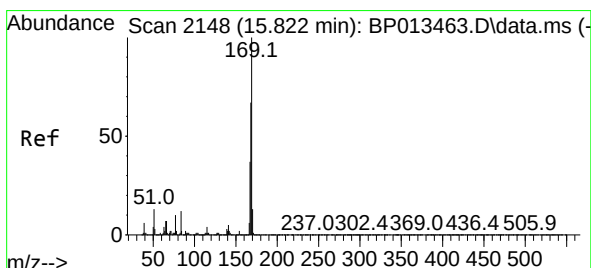
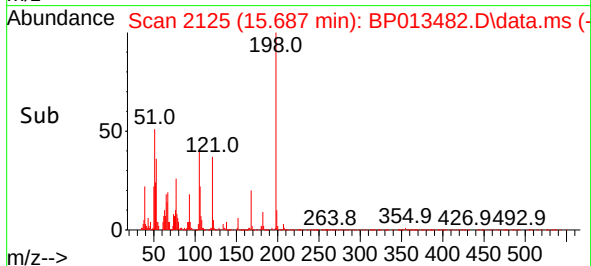
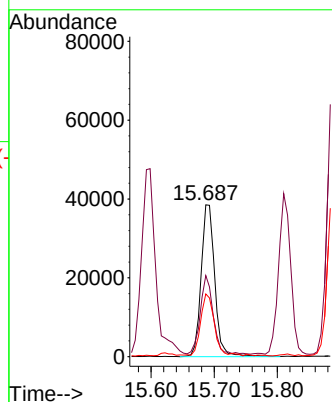
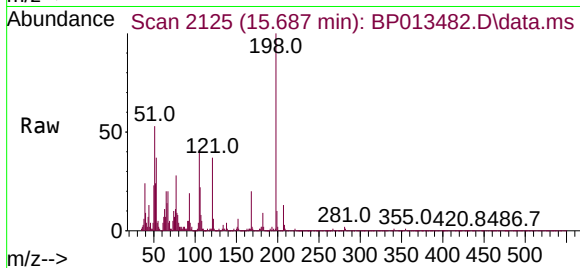
#65
4,6-Dinitro-2-methylphenol
Concen: 2.337 ng
RT: 15.687 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:198 Resp: 57521
Ion Ratio Lower Upper
198 100
51 53.4 23.6 63.6
105 41.3 17.9 57.9

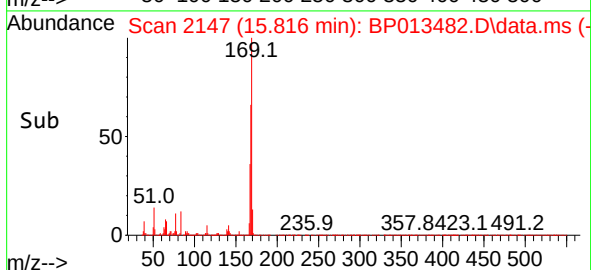
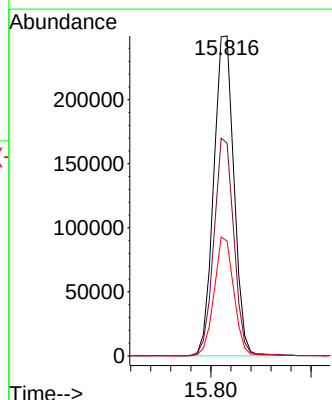
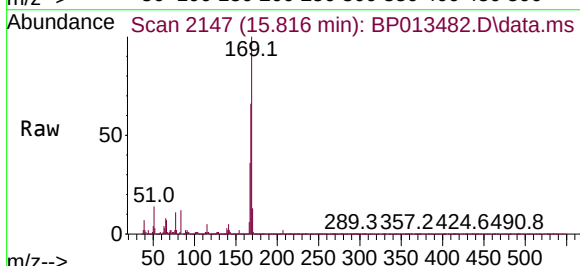
Manual Integrations
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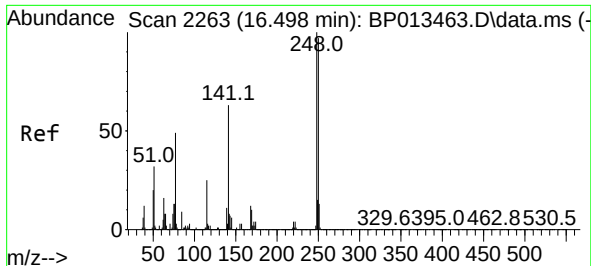
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#66
n-Nitrosodiphenylamine
Concen: 3.317 ng
RT: 15.816 min Scan# 2147
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:169 Resp: 350749
Ion Ratio Lower Upper
169 100
168 66.5 53.3 79.9
167 35.8 29.4 44.0





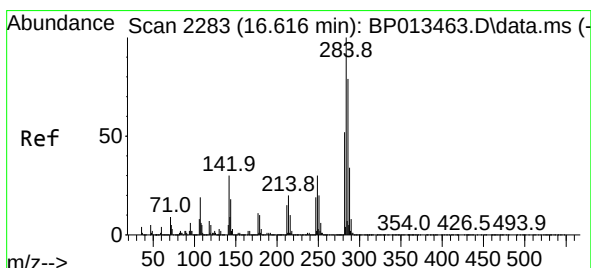
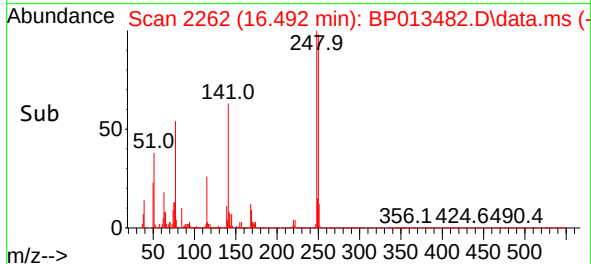
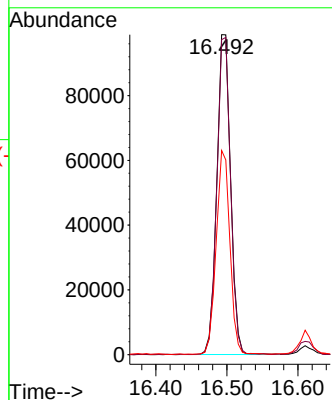
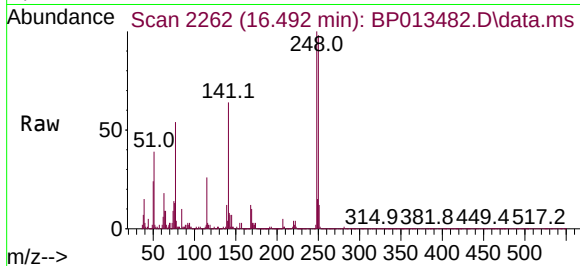
#67
4-Bromophenyl-phenylether
Concen: 3.231 ng
RT: 16.492 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:248 Resp: 133834
Ion Ratio Lower Upper
248 100
250 98.4 77.7 116.5
141 63.8 50.2 75.4

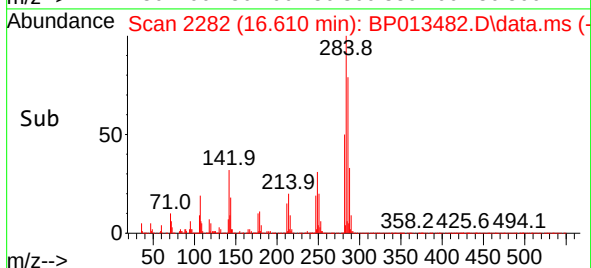
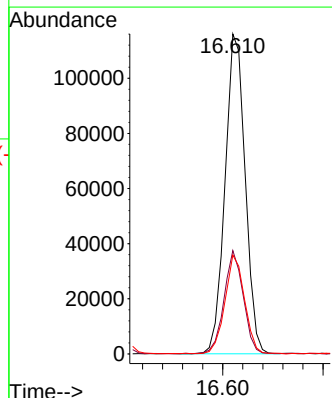
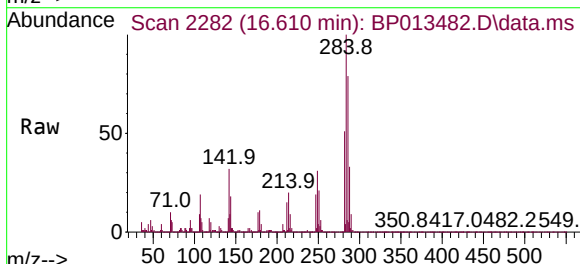
Manual Integrations
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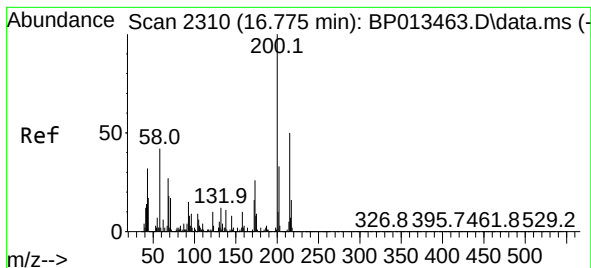
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#68
Hexachlorobenzene
Concen: 3.593 ng
RT: 16.610 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:284 Resp: 162092
Ion Ratio Lower Upper
284 100
142 32.3 23.9 35.9
249 30.9 24.1 36.1





#69

Atrazine

Concen: 3.408 ng

RT: 16.769 min Scan# 2310

Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

Tgt Ion:200 Resp: 131962

Ion Ratio Lower Upper

200 100

173 23.1 5.9 45.9

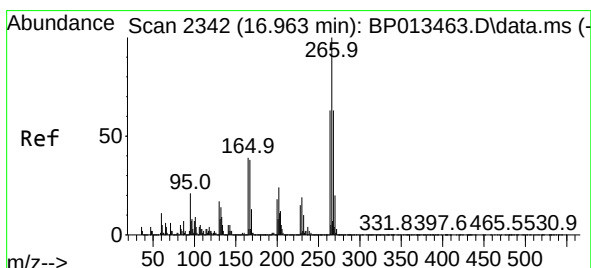
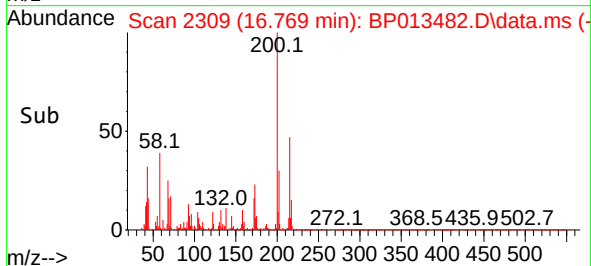
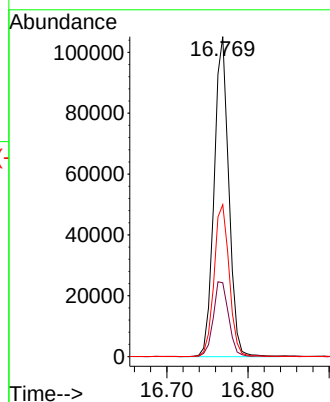
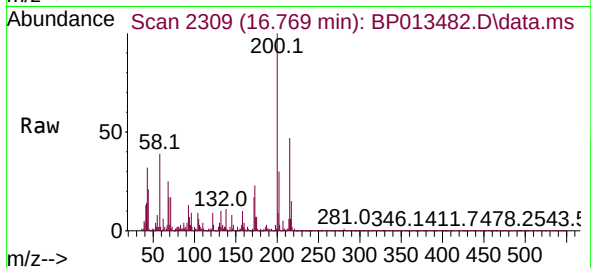
215 47.5 30.0 70.0

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#70

Pentachlorophenol

Concen: 2.490 ng

RT: 16.963 min Scan# 2342

Delta R.T. 0.000 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

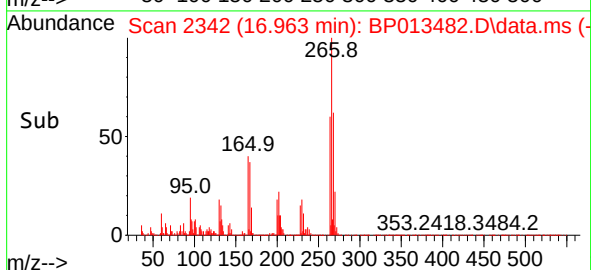
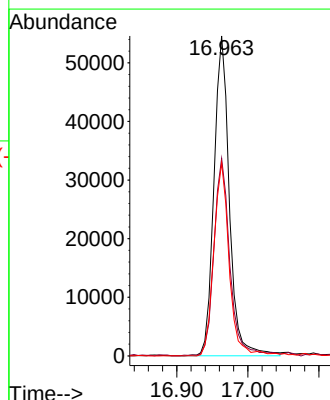
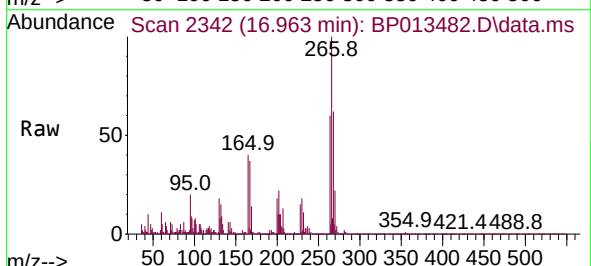
Tgt Ion:266 Resp: 82335

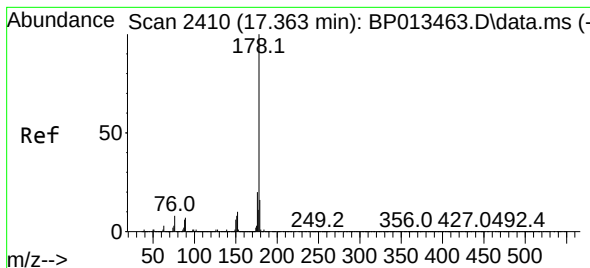
Ion Ratio Lower Upper

266 100

268 61.7 50.7 76.1

264 60.3 50.4 75.6





#71

Phenanthrene

Concen: 3.553 ng

RT: 17.357 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

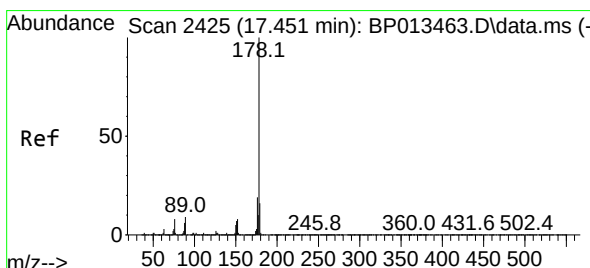
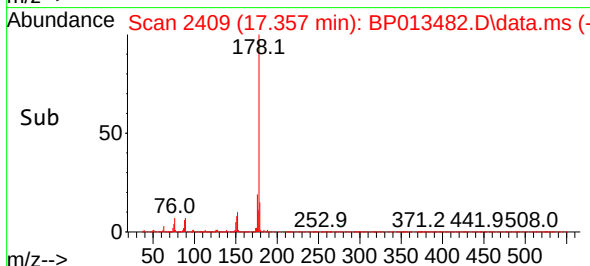
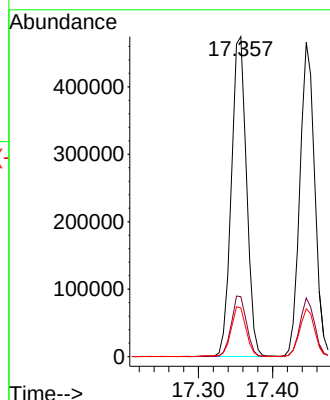
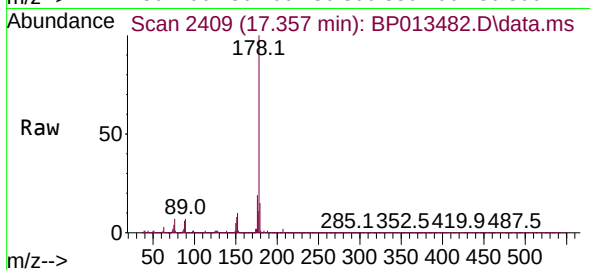
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:178 Resp: 674620
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.6
 179 15.2 12.6 19.0

Manual Integrations

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



#72

Anthracene

Concen: 3.384 ng

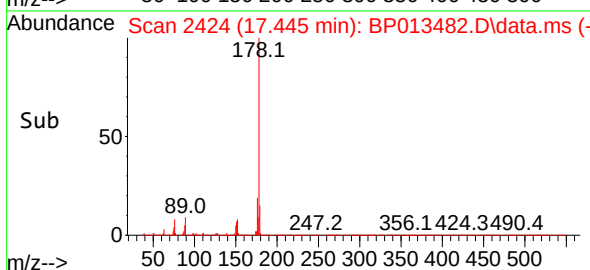
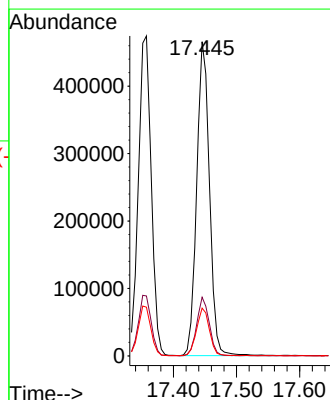
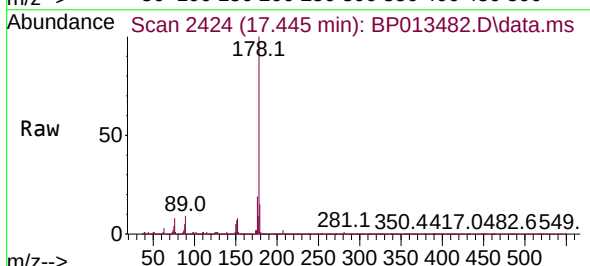
RT: 17.445 min Scan# 2424

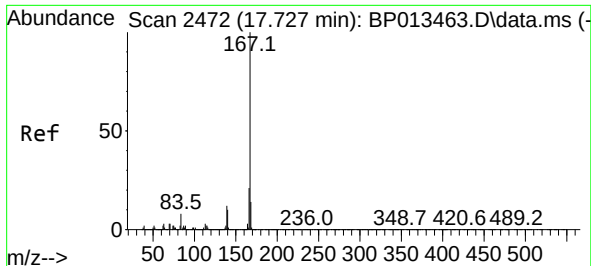
Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Tgt Ion:178 Resp: 653798
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.2 22.8
 179 15.2 12.6 18.8





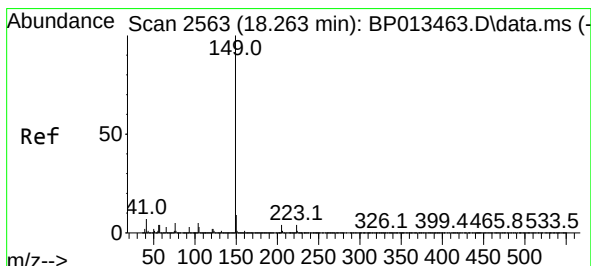
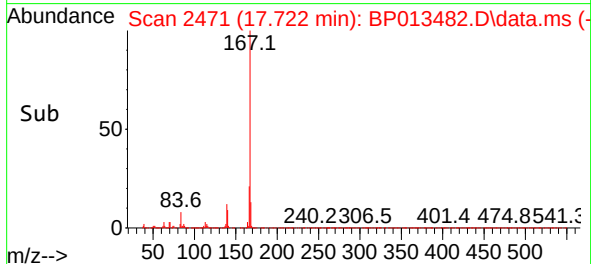
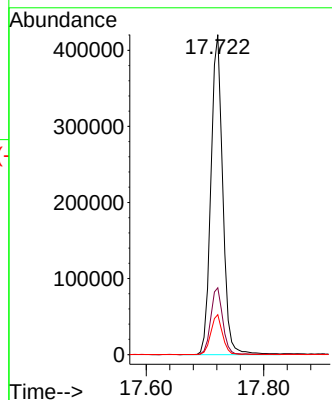
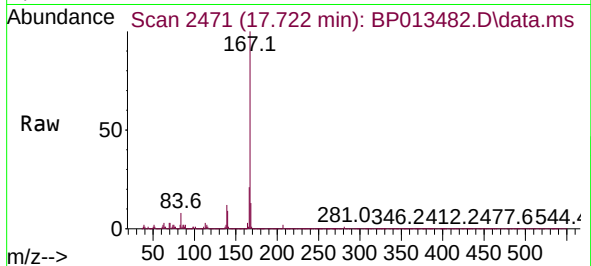
#73
 Carbazole
 Concen: 3.337 ng
 RT: 17.722 min Scan# 2472
 Delta R.T. -0.006 min
 Lab File: BP013482.D
 Acq: 16 Jan 2023 15:23

Instrument : BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Tgt Ion:167 Resp: 587188
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.5 9.9 14.9

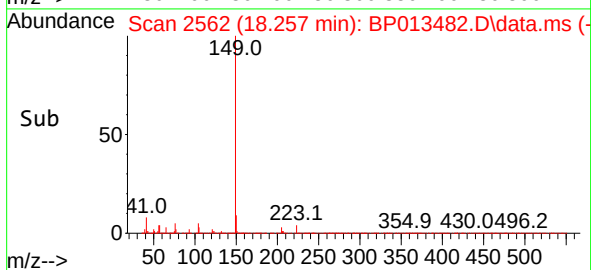
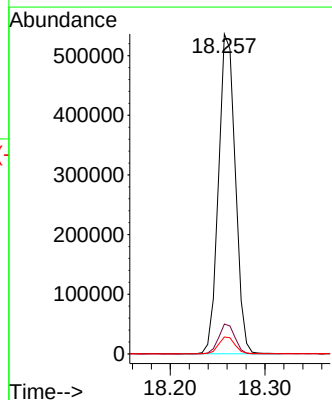
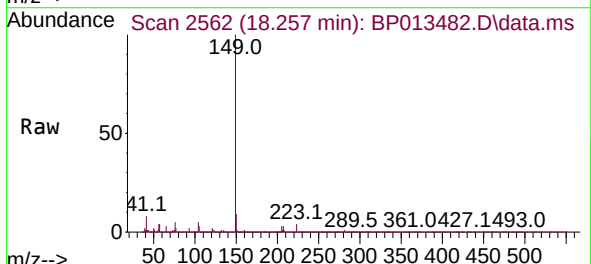
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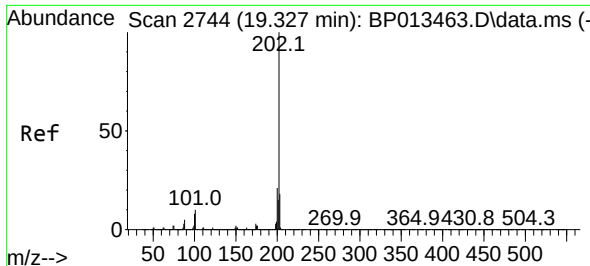
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023



#74
 Di-n-butylphthalate
 Concen: 3.232 ng
 RT: 18.257 min Scan# 2562
 Delta R.T. -0.006 min
 Lab File: BP013482.D
 Acq: 16 Jan 2023 15:23

Tgt Ion:149 Resp: 660194
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.3 3.9 5.9





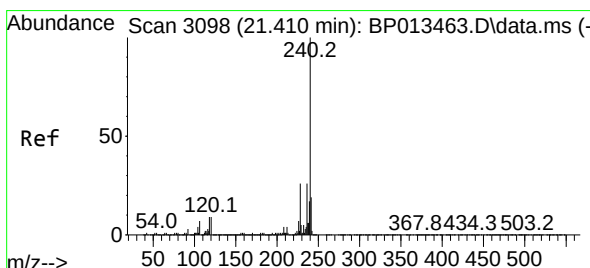
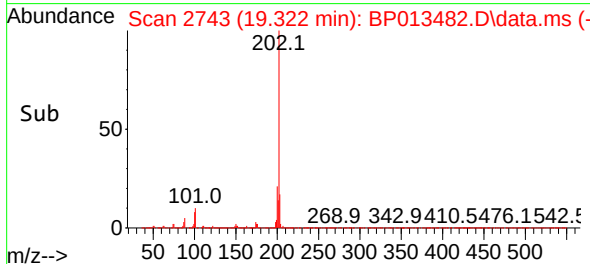
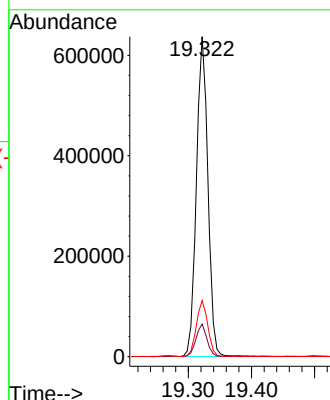
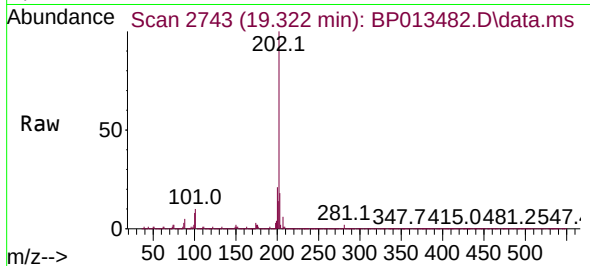
#75
Fluoranthene
Concen: 3.533 ng
RT: 19.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:202 Resp: 805672
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.3
203 17.5 0.0 37.9

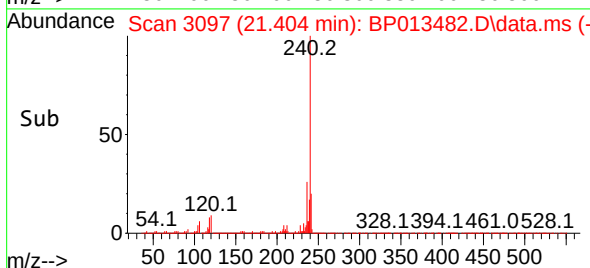
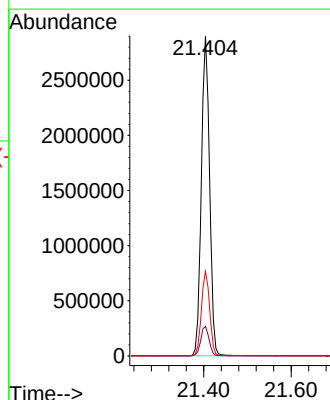
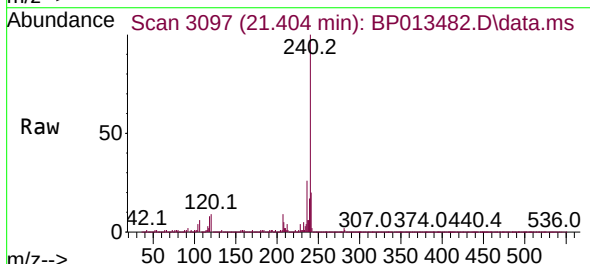
Manual Integrations
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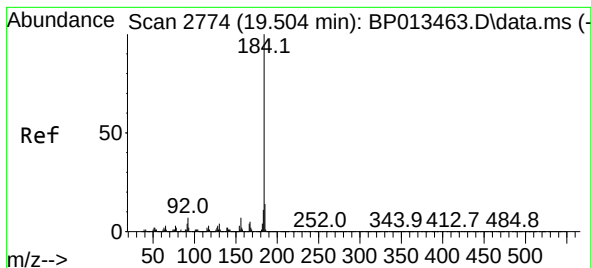
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:240 Resp: 3775037
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.0
236 26.4 21.2 31.8





#77

Benzidine

Concen: 3.045 ng

RT: 19.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

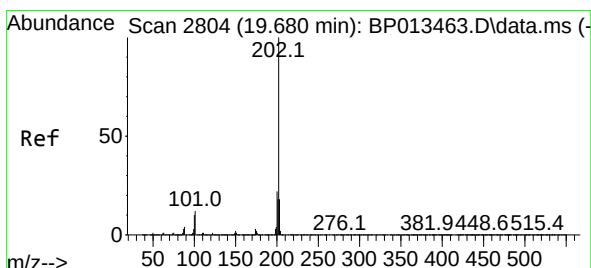
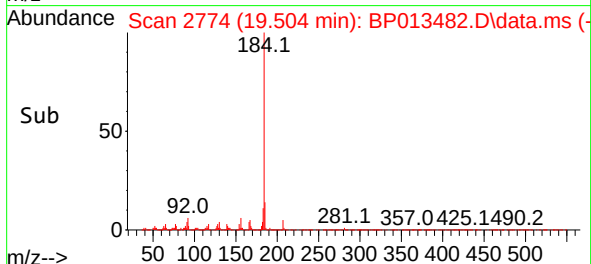
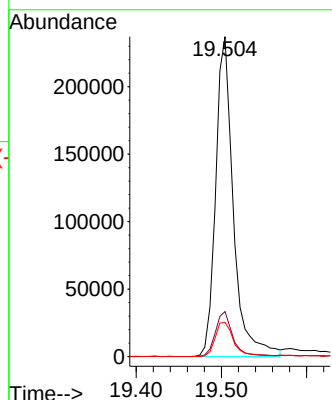
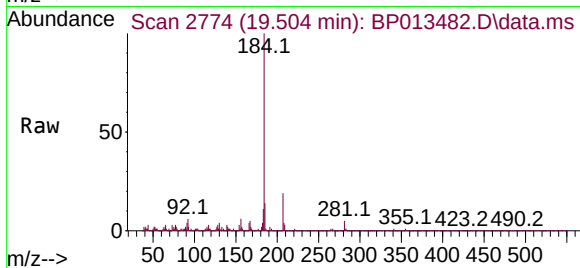
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:184	Resp: 34157
Ion Ratio	Lower Upper
184 100	
185 14.1	11.3 16.9
183 10.7	9.1 13.7

Manual Integrations

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



#78

Pyrene

Concen: 3.438 ng

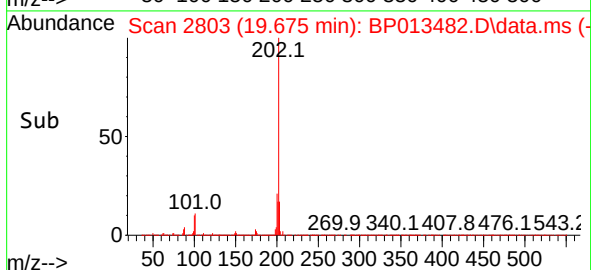
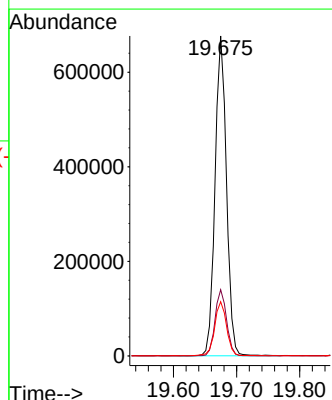
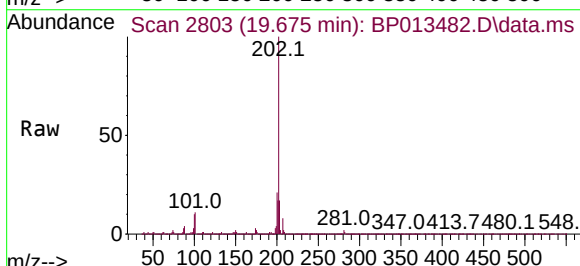
RT: 19.675 min Scan# 2803

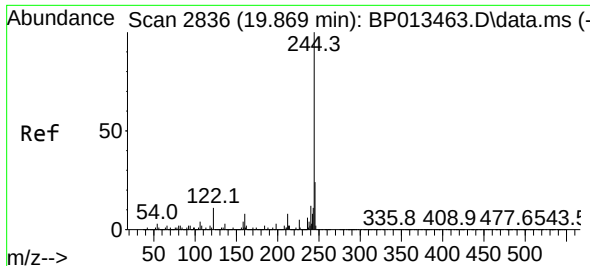
Delta R.T. -0.006 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

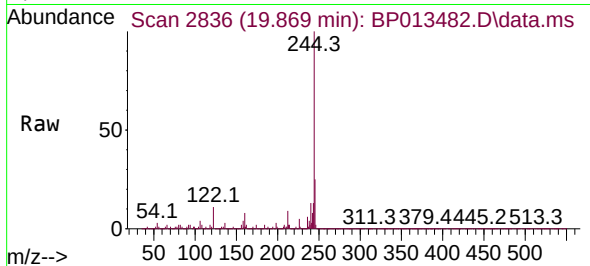
Tgt Ion:202	Resp: 853523
Ion Ratio	Lower Upper
202 100	
200 20.7	17.4 26.2
203 16.9	14.6 21.8





#79
 Terphenyl-d14
 Concen: 63.999 ng
 RT: 19.869 min Scan# 2836
 Delta R.T. -0.000 min
 Lab File: BP013482.D
 Acq: 16 Jan 2023 15:23

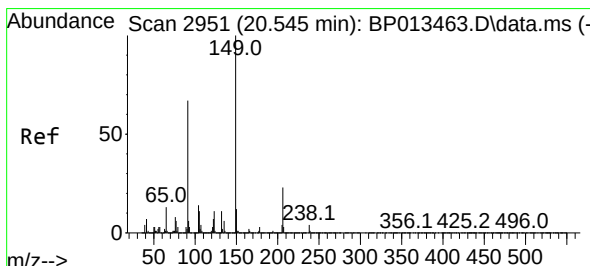
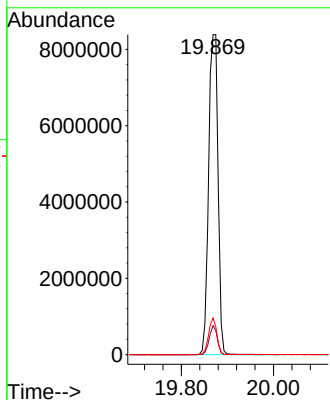
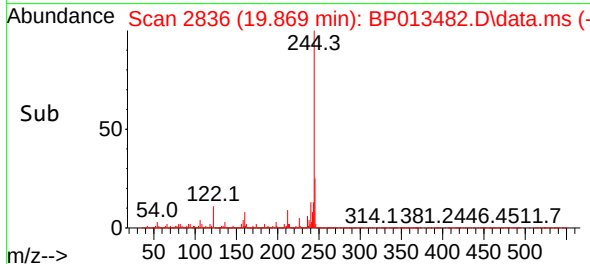
Instrument :
 BNA_P
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022



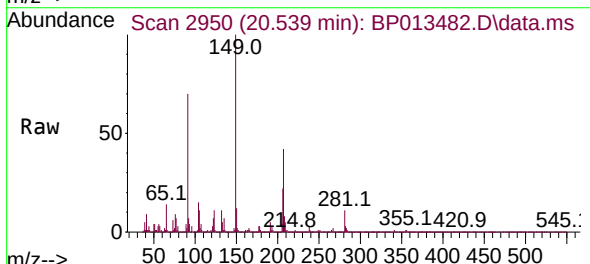
Tgt Ion:244 Resp:11817320
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.8 10.2
 122 11.4 8.8 13.2

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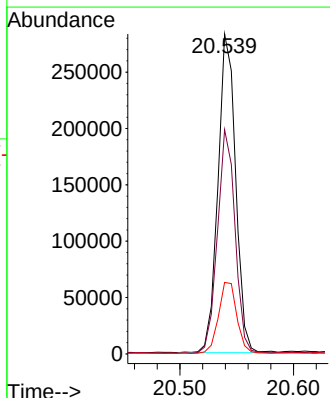
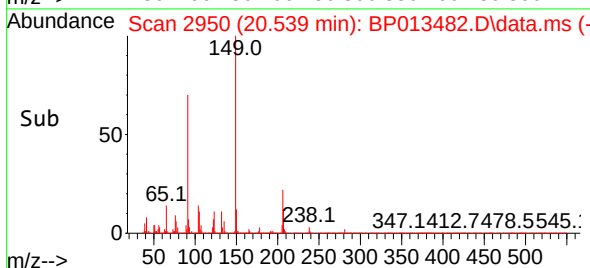
Reviewed By :Christian Giraldo 01/17/2023
 Supervised By :Jagrut Upadhyay 01/18/2023

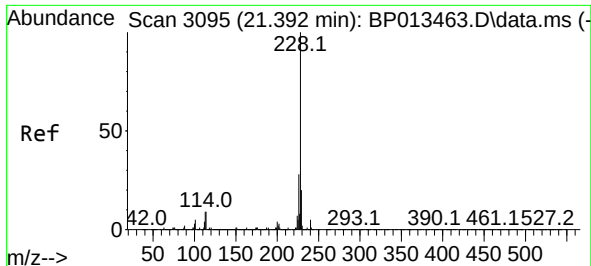


#80
 Butylbenzylphthalate
 Concen: 2.849 ng
 RT: 20.539 min Scan# 2950
 Delta R.T. -0.006 min
 Lab File: BP013482.D
 Acq: 16 Jan 2023 15:23



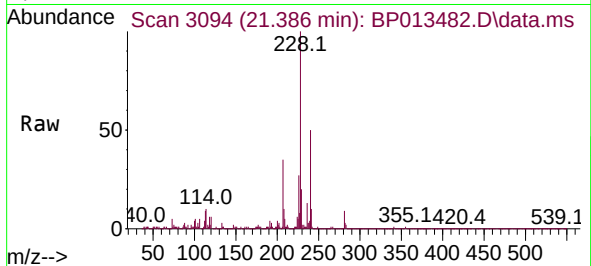
Tgt Ion:149 Resp: 305808
 Ion Ratio Lower Upper
 149 100
 91 70.1 53.2 79.8
 206 22.3 18.8 28.2





#81
Benzo(a)anthracene
Concen: 3.584 ng
RT: 21.386 min Scan# 3094
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

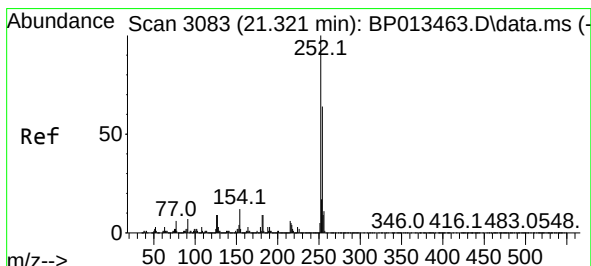
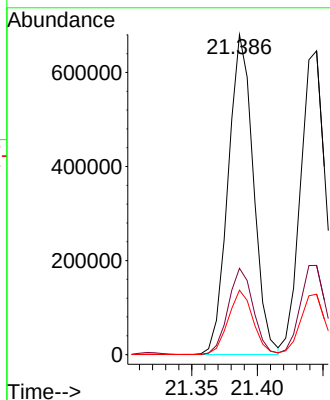
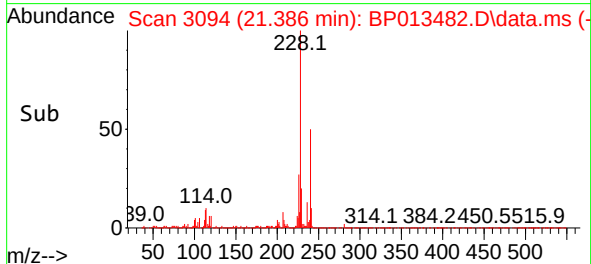
Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022



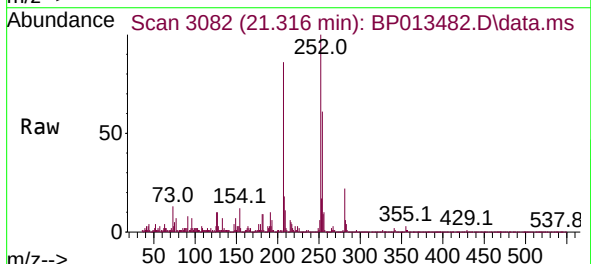
Tgt Ion:228 Resp: 911035
Ion Ratio Lower Upper
228 100
226 27.0 22.6 34.0
229 20.1 16.4 24.6

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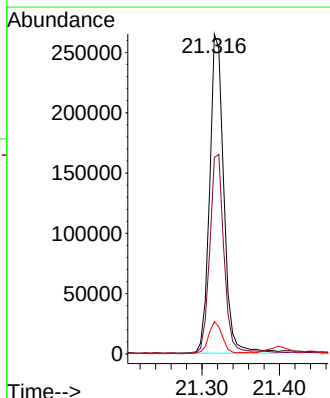
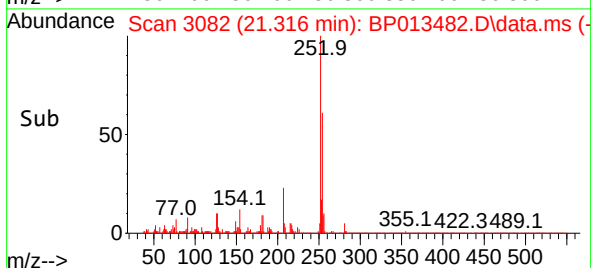
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023

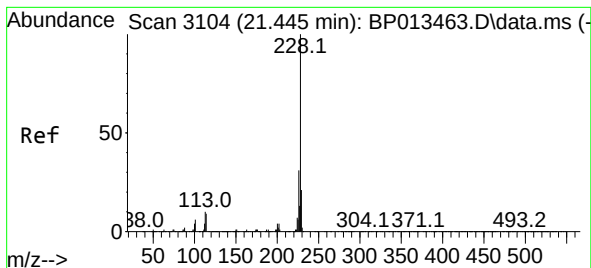


#82
3,3'-Dichlorobenzidine
Concen: 3.534 ng
RT: 21.316 min Scan# 3082
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23



Tgt Ion:252 Resp: 335660
Ion Ratio Lower Upper
252 100
254 61.4 51.0 76.6
126 10.1 7.6 11.4





#83

Chrysene

Concen: 3.557 ng

RT: 21.445 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

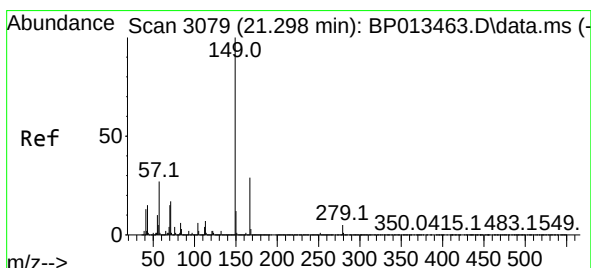
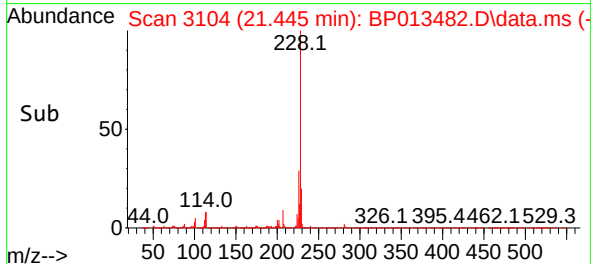
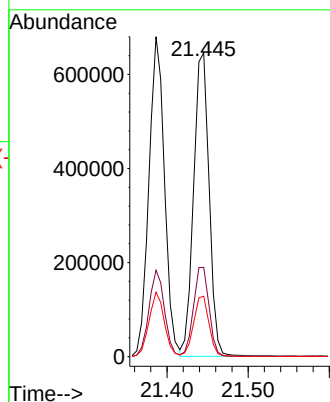
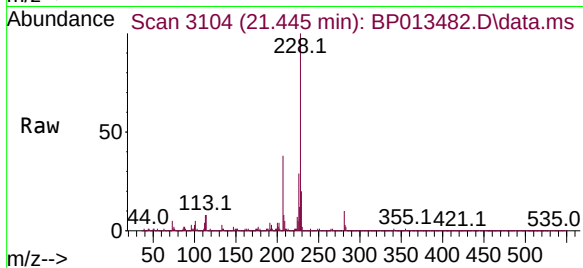
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:	228	Resp:	854498
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.1	37.7
229	19.9	16.5	24.7

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.088 ng

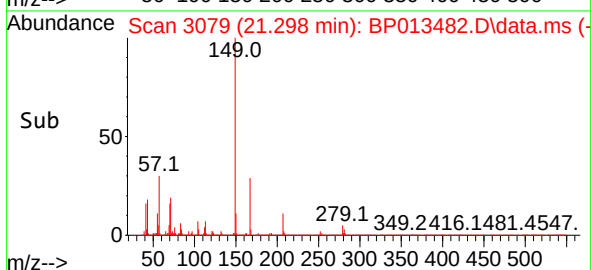
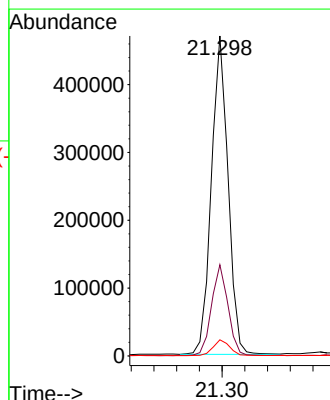
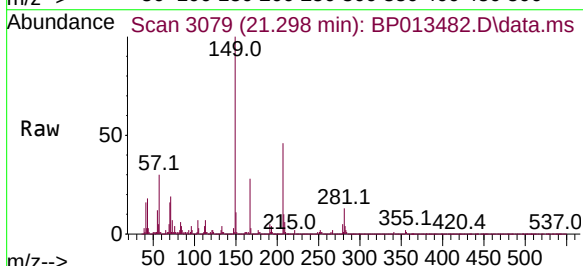
RT: 21.298 min Scan# 3079

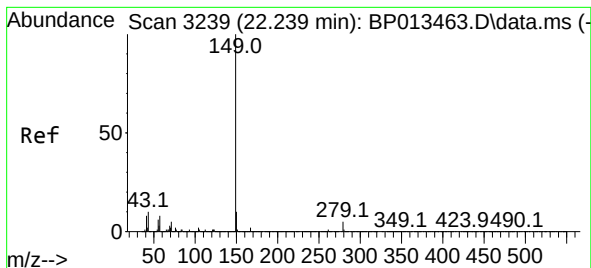
Delta R.T. 0.000 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

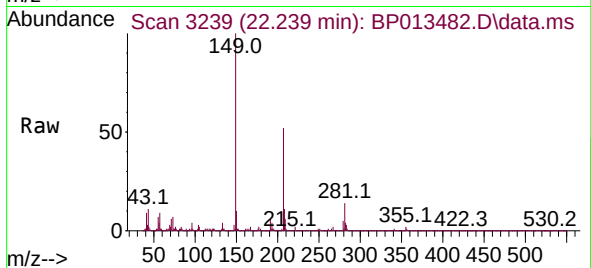
Tgt Ion:	149	Resp:	479643
Ion Ratio	Lower	Upper	
149	100		
167	28.5	23.0	34.4
279	5.0	3.9	5.9





#85
Di-n-octyl phthalate
Concen: 3.122 ng
RT: 22.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

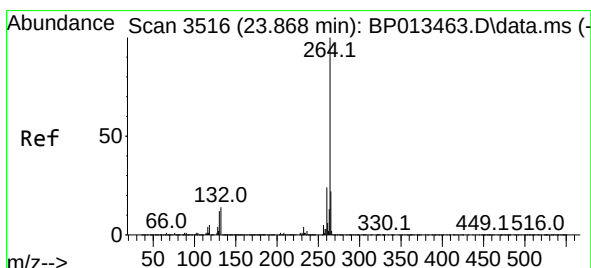
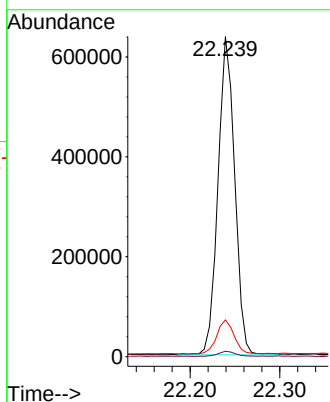
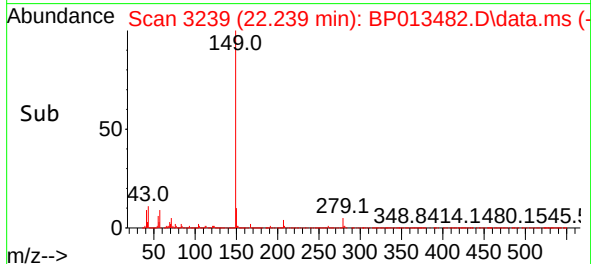
Instrument :
BNA_P
ClientSampleId :
LOD-MDL-WATER-01-QT2-2022



Tgt Ion:149 Resp: 823094
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.0 7.9 11.9

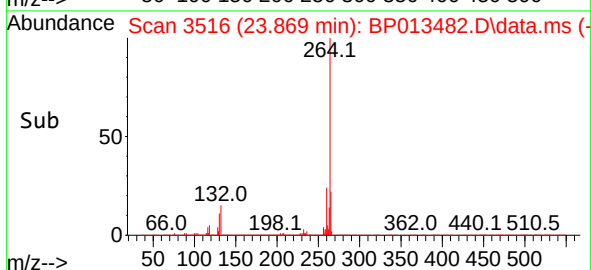
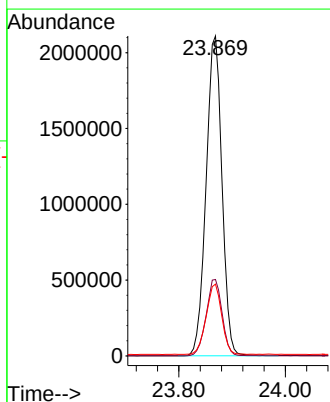
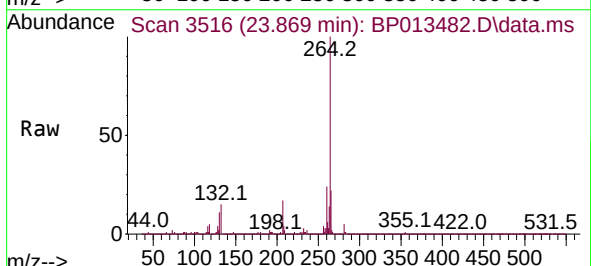
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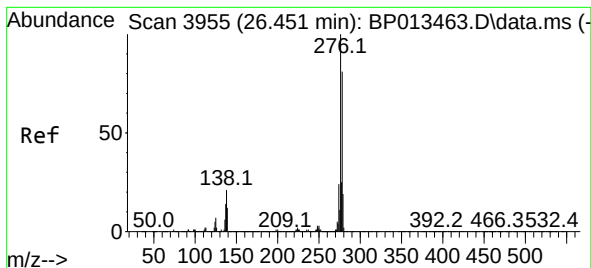
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.869 min Scan# 3516
Delta R.T. 0.000 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:264 Resp: 4369403
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.241 ng

RT: 26.427 min Scan# 3955

Delta R.T. -0.023 min

Lab File: BP013482.D

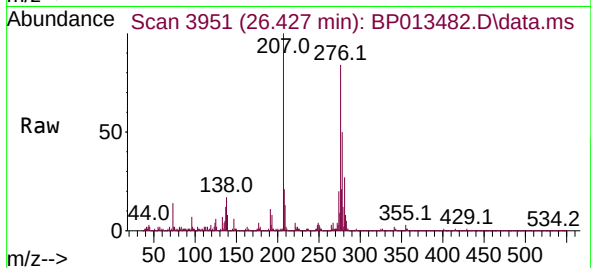
Acq: 16 Jan 2023 15:23

Instrument :

BNA_P

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022



Tgt Ion:276 Resp: 1024226

Ion Ratio Lower Upper

276 100

138 21.3 17.0 25.4

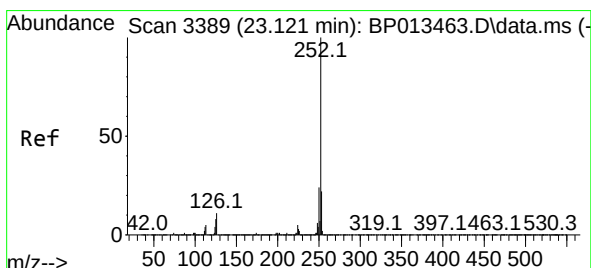
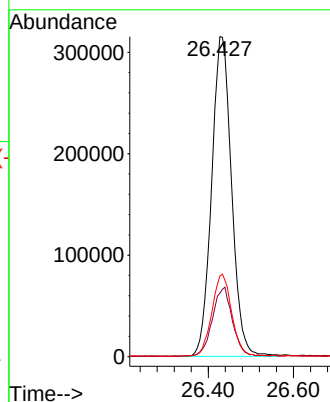
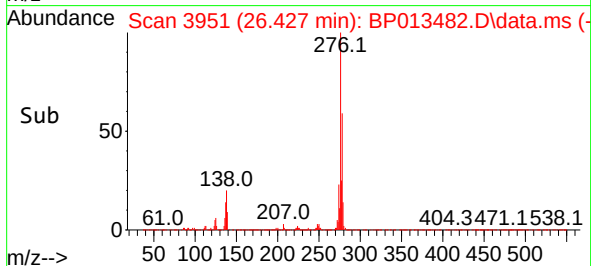
277 25.6 20.4 30.6

Manual Integrations

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Reviewed By :Christian Giraldo 01/17/2023

Supervised By :Jagrut Upadhyay 01/18/2023



#88

Benzo(b)fluoranthene

Concen: 3.616 ng

RT: 23.110 min Scan# 3387

Delta R.T. -0.012 min

Lab File: BP013482.D

Acq: 16 Jan 2023 15:23

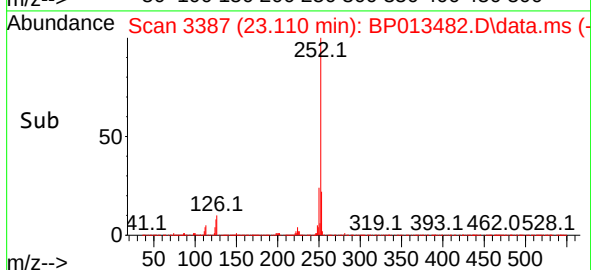
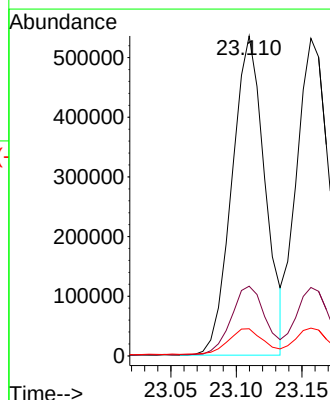
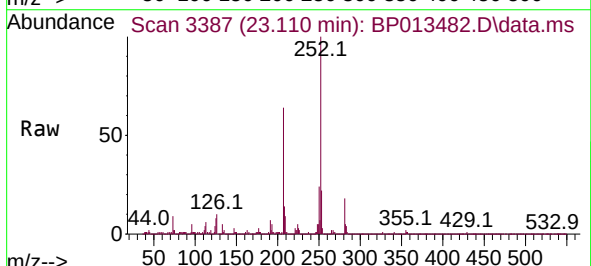
Tgt Ion:252 Resp: 937977

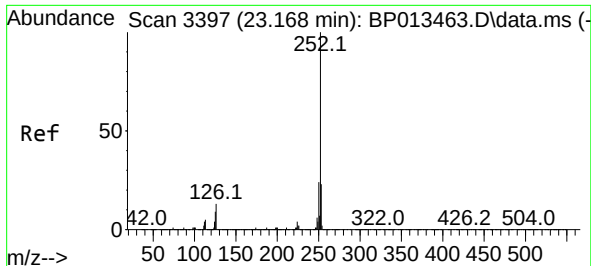
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 8.5 6.7 10.1





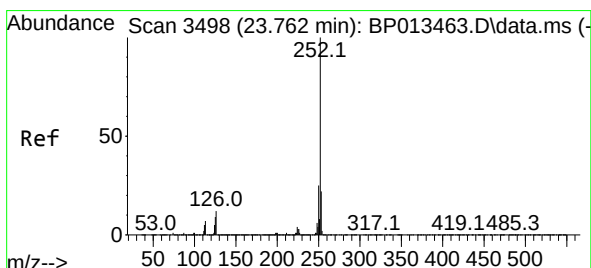
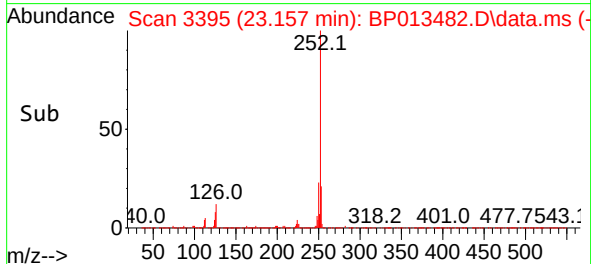
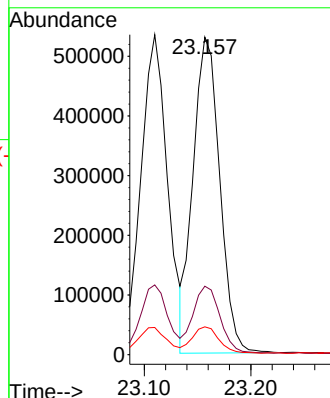
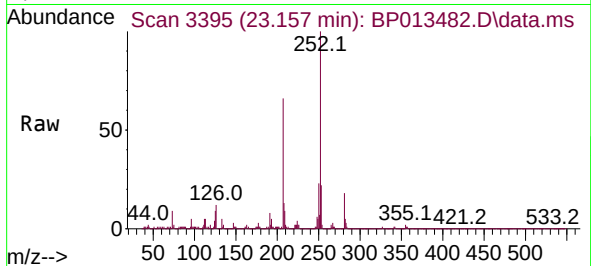
#89
Benzo(k)fluoranthene
Concen: 3.651 ng
RT: 23.157 min Scan# 3397
Delta R.T. -0.012 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:252 Resp: 91927
Ion Ratio Lower Upper
252 100
253 21.5 18.1 27.1
125 8.8 6.9 10.3

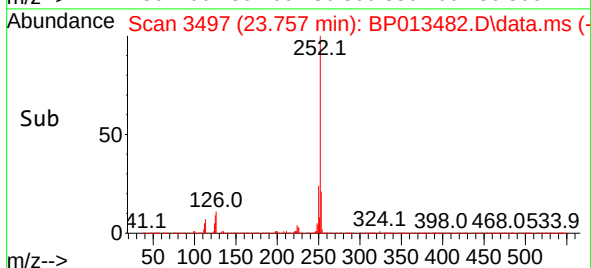
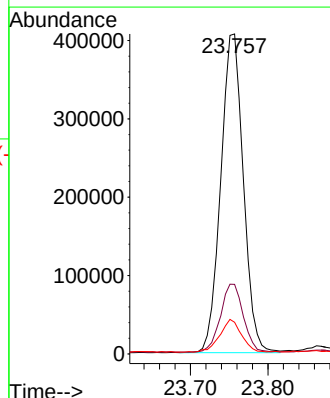
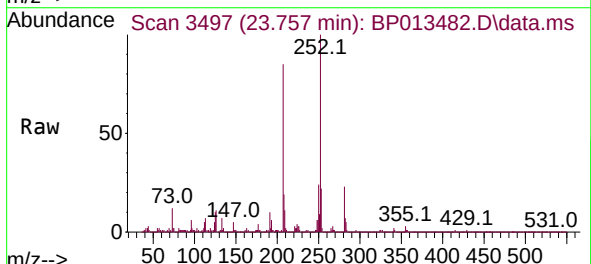
Manual Integrations
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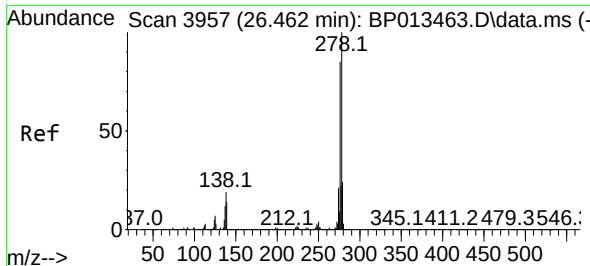
Reviewed By :Christian Giraldo 01/17/2023
Supervised By :Jagrut Upadhyay 01/18/2023



#90
Benzo(a)pyrene
Concen: 3.242 ng
RT: 23.757 min Scan# 3497
Delta R.T. -0.006 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:252 Resp: 826394
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 9.9 7.6 11.4





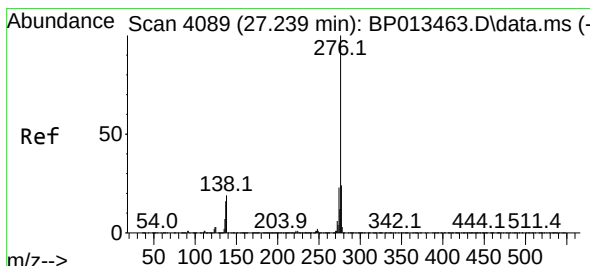
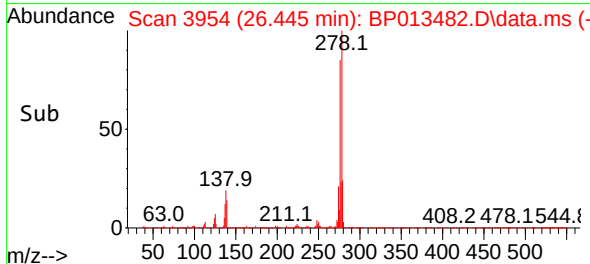
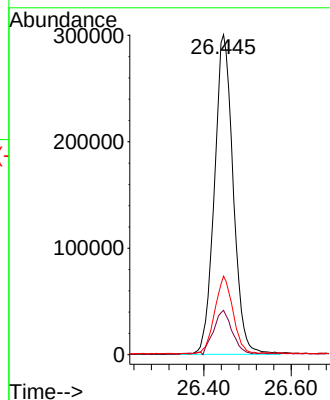
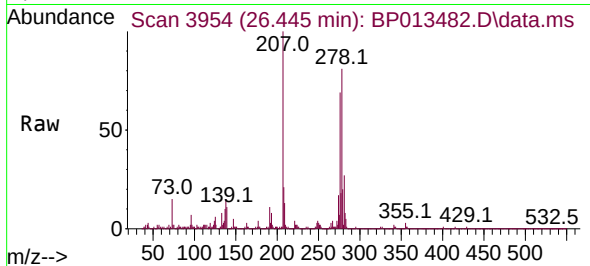
#91
Dibenzo(a,h)anthracene
Concen: 3.412 ng
RT: 26.445 min Scan# 3957
Delta R.T. -0.017 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Instrument : BNA_P
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:278 Resp: 897608
Ion Ratio Lower Upper
278 100
139 13.8 11.1 16.7
279 24.5 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 3.439 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.017 min
Lab File: BP013482.D
Acq: 16 Jan 2023 15:23

Tgt Ion:276 Resp: 892770
Ion Ratio Lower Upper
276 100
277 23.1 19.3 28.9
138 17.7 15.3 22.9

