

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091522\
 Data File : BP011713.D
 Acq On : 15 Sep 2022 18:45
 Operator : CG/JU
 Sample : N3980-08
 Misc : LOQ--WATER-10NG
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2022

Quant Time: Sep 16 03:53:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 16 03:52:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/16/2022
 Supervised By :Jagrut Upadhyay 09/16/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	429696	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	1767966	20.000	ng	# 0.00
39) Acenaphthene-d10	14.581	164	1015536	20.000	ng	0.00
64) Phenanthrene-d10	17.334	188	1935468	20.000	ng	# 0.00
76) Chrysene-d12	21.410	240	1684549	20.000	ng	# 0.00
86) Perylene-d12	23.863	264	1547250	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	2379942	100.815	ng	0.00
7) Phenol-d6	7.093	99	3202387	101.765	ng	0.00
23) Nitrobenzene-d5	9.105	82	2220635	74.492	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	781176	98.450	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	4849497	74.229	ng	0.00
79) Terphenyl-d14	19.886	244	5929920	76.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.375	88	109641	10.546	ng	# 83
3) Pyridine	3.787	79	270617	9.029	ng	# 80
4) n-Nitrosodimethylamine	3.693	42	115998	10.095	ng	# 51
6) Aniline	7.263	93	435313	11.230	ng	90
8) 2-Chlorophenol	7.499	128	287820	10.282	ng	94
9) Benzaldehyde	7.075	77	253313	12.576	ng	93
10) Phenol	7.122	94	366818	10.364	ng	83
11) bis(2-Chloroethyl)ether	7.358	93	297759	10.561	ng	93
12) 1,3-Dichlorobenzene	7.828	146	315647	10.168	ng	# 92
13) 1,4-Dichlorobenzene	7.975	146	324964	10.294	ng	97
14) 1,2-Dichlorobenzene	8.293	146	313234	10.408	ng	96
15) Benzyl Alcohol	8.181	79	226804	10.096	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.475	45	405409	10.765	ng	94
17) 2-Methylphenol	8.381	107	225160	9.798	ng	# 91
18) Hexachloroethane	9.022	117	110381	10.109	ng	90
19) n-Nitroso-di-n-propyla...	8.752	70	209322	10.274	ng	# 84
20) 3+4-Methylphenols	8.705	107	300657	9.526	ng	92
22) Acetophenone	8.763	105	436091	10.522	ng	# 88
24) Nitrobenzene	9.146	77	323437	10.428	ng	91
25) Isophorone	9.675	82	538767	10.217	ng	95
26) 2-Nitrophenol	9.857	139	102683	8.070	ng	89
27) 2,4-Dimethylphenol	9.916	122	245462	11.133	ng	90
28) bis(2-Chloroethoxy)met...	10.157	93	384434	11.400	ng	100
29) 2,4-Dichlorophenol	10.393	162	232631	9.525	ng	97
30) 1,2,4-Trichlorobenzene	10.610	180	263852	9.758	ng	97
31) Naphthalene	10.799	128	925495	10.088	ng	100
32) Benzoic acid	10.016	122	269970	16.363	ng	87
33) 4-Chloroaniline	10.910	127	367739	10.216	ng	# 92
34) Hexachlorobutadiene	11.087	225	141206	9.480	ng	98
35) Caprolactam	11.687	113	65841	8.320	ng	# 76
36) 4-Chloro-3-methylphenol	12.028	107	255352	9.722	ng	93
37) 2-Methylnaphthalene	12.404	142	609880	9.933	ng	97
38) 1-Methylnaphthalene	12.622	142	589128	9.814	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	272213	10.156	ng	97
41) Hexachlorocyclopentadiene	12.751	237	143445	10.722	ng	97
43) 2,4,6-Trichlorophenol	13.010	196	164409	9.018	ng	97

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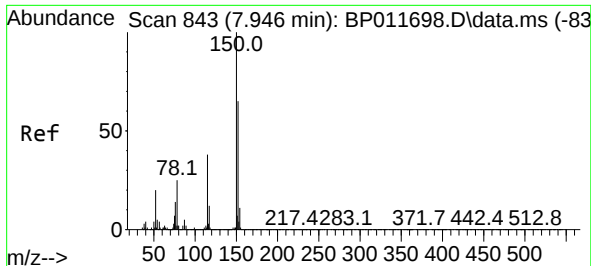
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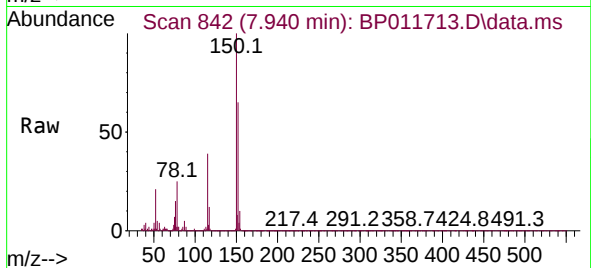
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.081	196	181752	8.916	ng	98
46) 1,1'-Biphenyl	13.410	154	790739	10.703	ng	99
47) 2-Chloronaphthalene	13.451	162	587647	10.110	ng	99
48) 2-Nitroaniline	13.657	65	140784	8.637	ng	88
49) Acenaphthylene	14.298	152	878447	9.767	ng	99
50) Dimethylphthalate	14.034	163	688748	9.722	ng	100
51) 2,6-Dinitrotoluene	14.151	165	131377	9.145	ng	91
52) Acenaphthene	14.640	154	609476m	10.187	ng	
53) 3-Nitroaniline	14.481	138	140162	8.460	ng	92
54) 2,4-Dinitrophenol	14.681	184	86117	12.305	ng	91
55) Dibenzofuran	14.975	168	879906	10.213	ng	98
56) 4-Nitrophenol	14.781	139	124124	8.892	ng	# 76
57) 2,4-Dinitrotoluene	14.934	165	155870	8.376	ng	94
58) Fluorene	15.628	166	699527	10.011	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	142588	8.514	ng	91
60) Diethylphthalate	15.398	149	677899	9.611	ng	97
61) 4-Chlorophenyl-phenyle...	15.622	204	325256	10.069	ng	98
62) 4-Nitroaniline	15.640	138	136625	8.204	ng	# 81
63) Azobenzene	15.916	77	661943	9.766	ng	92
65) 4,6-Dinitro-2-methylph...	15.698	198	112866	11.924	ng	89
66) n-Nitrosodiphenylamine	15.834	169	585128	10.161	ng	98
67) 4-Bromophenyl-phenylether	16.516	248	170781	9.426	ng	95
68) Hexachlorobenzene	16.628	284	187740	9.621	ng	# 93
69) Atrazine	16.787	200	172270	9.800	ng	95
70) Pentachlorophenol	16.975	266	142232	11.490	ng	99
71) Phenanthrene	17.375	178	1045402	9.927	ng	99
72) Anthracene	17.463	178	997141	10.011	ng	99
73) Carbazole	17.734	167	941920	10.024	ng	99
74) Di-n-butylphthalate	18.286	149	991996	8.759	ng	98
75) Fluoranthene	19.333	202	1067465	9.398	ng	95
77) Benzidine	19.516	184	457093	11.410	ng	99
78) Pyrene	19.686	202	1122419	9.879	ng	98
80) Butylbenzylphthalate	20.557	149	389455	8.180	ng	98
81) Benzo(a)anthracene	21.392	228	1045835	9.632	ng	97
82) 3,3'-Dichlorobenzidine	21.327	252	348190	10.558	ng	# 96
83) Chrysene	21.451	228	999643	9.636	ng	99
84) Bis(2-ethylhexyl)phtha...	21.322	149	571109	8.338	ng	# 99
85) Di-n-octyl phthalate	22.263	149	878089	7.471	ng	95
87) Indeno(1,2,3-cd)pyrene	26.421	276	1017023	9.124	ng	# 89
88) Benzo(b)fluoranthene	23.110	252	997406	10.423	ng	# 96
89) Benzo(k)fluoranthene	23.163	252	954370	9.897	ng	# 97
90) Benzo(a)pyrene	23.757	252	807942	10.220	ng	# 96
91) Dibenzo(a,h)anthracene	26.445	278	902217	9.747	ng	# 93
92) Benzo(g,h,i)perylene	27.215	276	862864	9.562	ng	# 90

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BP011713.D
 Acq: 15 Sep 2022 18:45

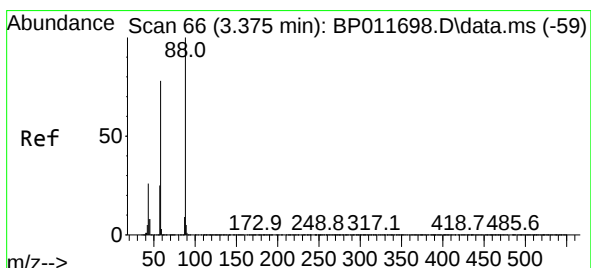
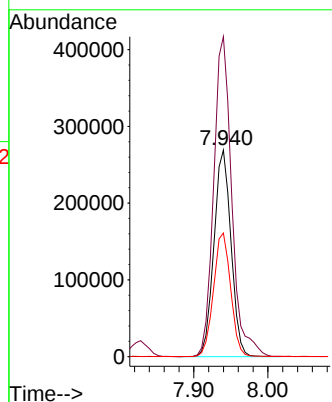
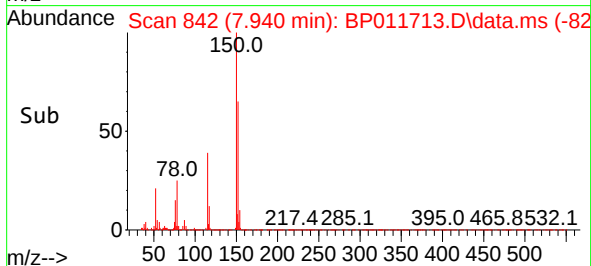
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT3-2022



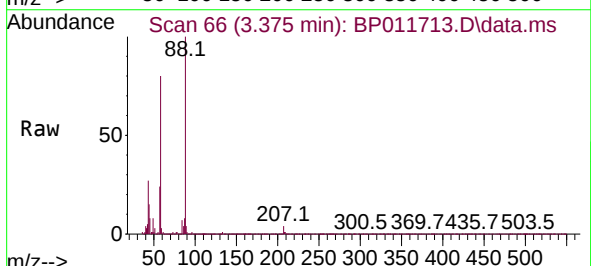
Tgt Ion:152 Resp: 429696
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.4 185.2
 115 59.9 51.3 76.9

Manual Integrations
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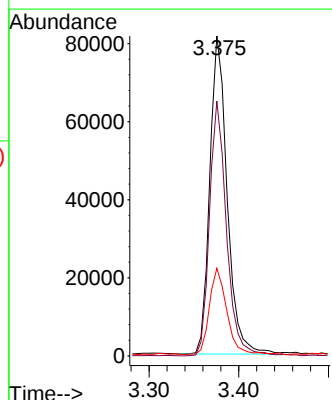
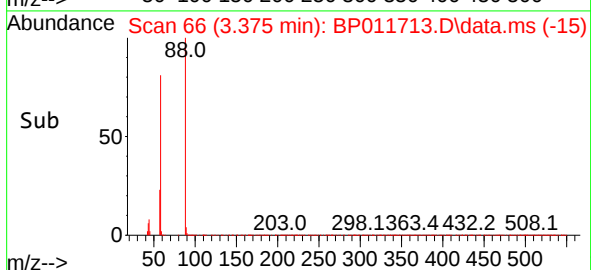
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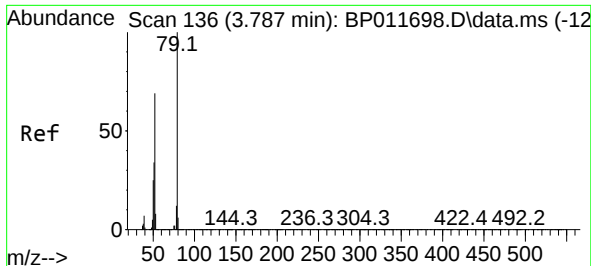


#2
 1,4-Dioxane
 Concen: 10.546 ng
 RT: 3.375 min Scan# 66
 Delta R.T. 0.000 min
 Lab File: BP011713.D
 Acq: 15 Sep 2022 18:45



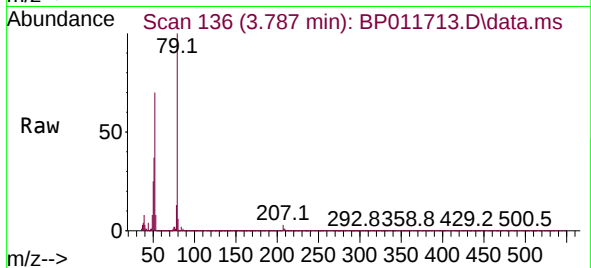
Tgt Ion: 88 Resp: 109641
 Ion Ratio Lower Upper
 88 100
 58 78.5 74.5 111.7
 43 27.4 31.5 47.3#





#3
Pyridine
Concen: 9.029 ng
RT: 3.787 min Scan# 136
Delta R.T. 0.000 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

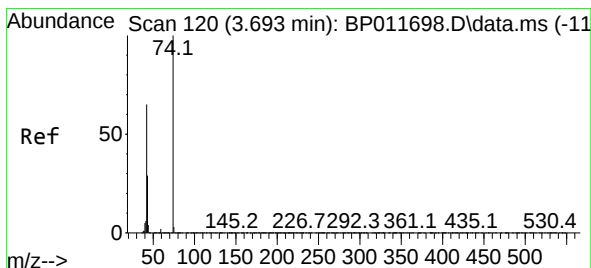
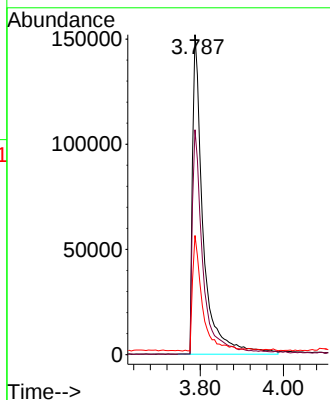
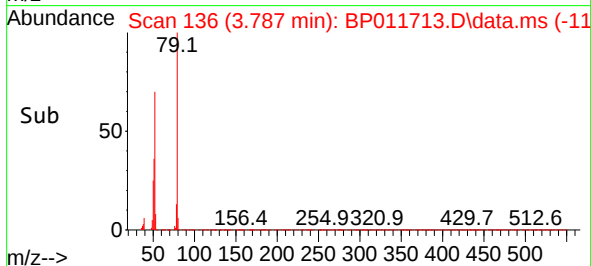
Instrument : BNA_P
Client Sample Id :
LOQ-WATER-02-QT3-2022



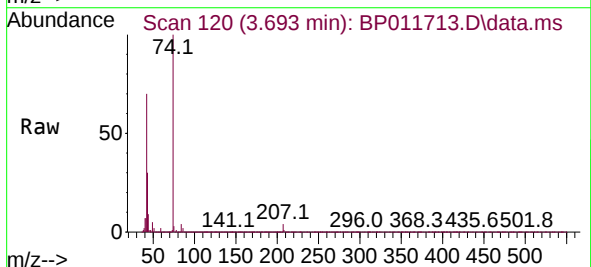
Tgt Ion: 79 Resp: 270617
Ion Ratio Lower Upper
79 100
52 70.3 73.5 110.3#
51 37.2 38.6 57.8#

Manual Integrations
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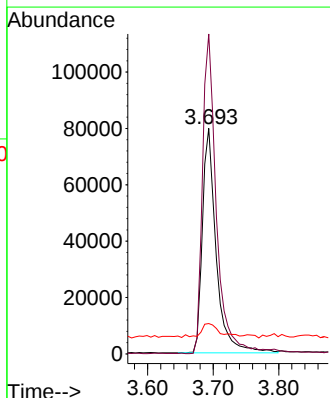
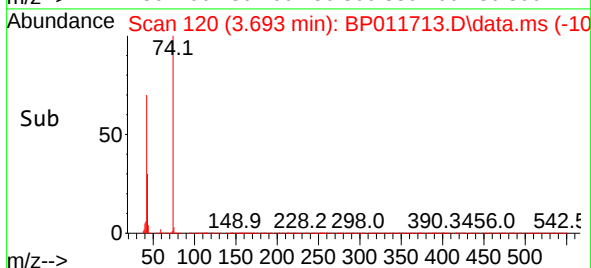
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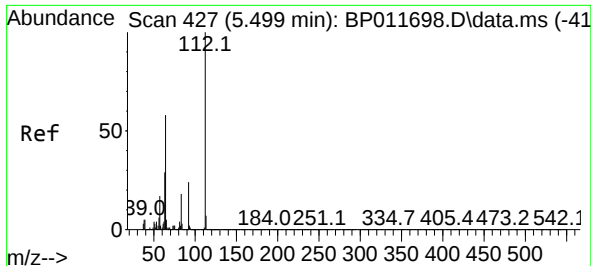


#4
n-Nitrosodimethylamine
Concen: 10.095 ng
RT: 3.693 min Scan# 120
Delta R.T. 0.000 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



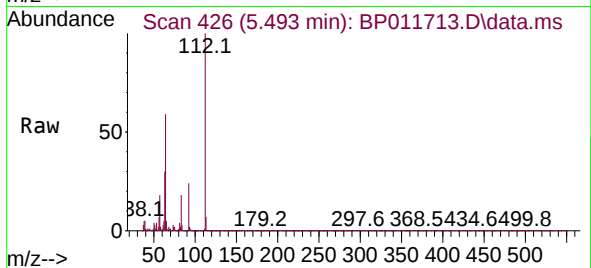
Tgt Ion: 42 Resp: 115998
Ion Ratio Lower Upper
42 100
74 141.9 74.4 111.6#
44 13.5 5.7 8.5#





#5
2-Fluorophenol
Concen: 100.815 ng
RT: 5.493 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

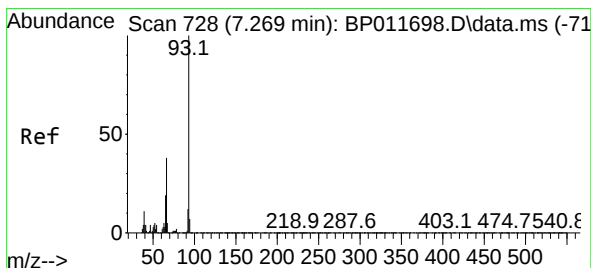
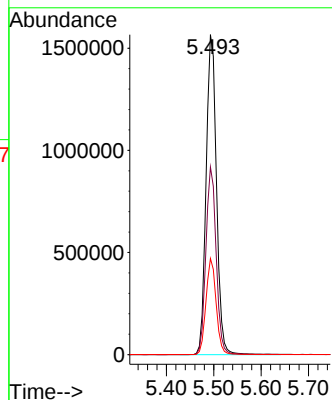
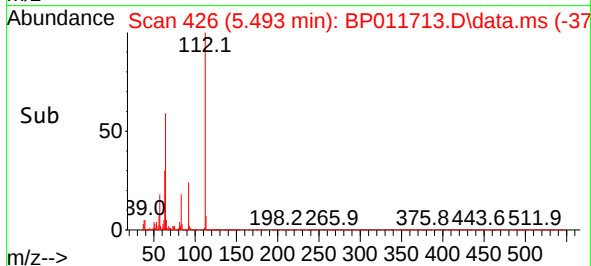
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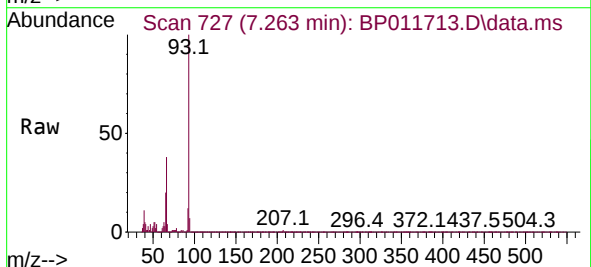
Tgt Ion:112 Resp: 2379942
Ion Ratio Lower Upper
112 100
64 58.6 56.9 85.3
63 30.0 31.2 46.8

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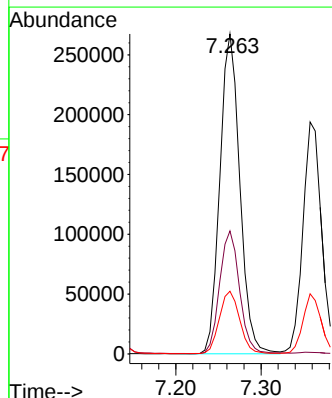
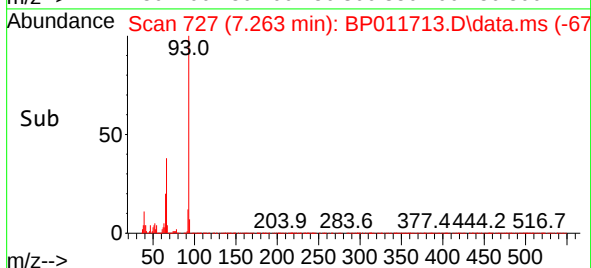
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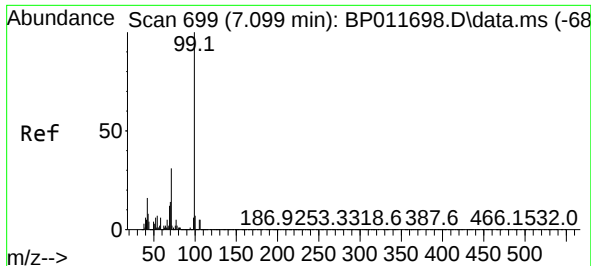


#6
Aniline
Concen: 11.230 ng
RT: 7.263 min Scan# 727
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



Tgt Ion: 93 Resp: 435313
Ion Ratio Lower Upper
93 100
66 38.4 36.7 55.1
65 19.6 18.2 27.4





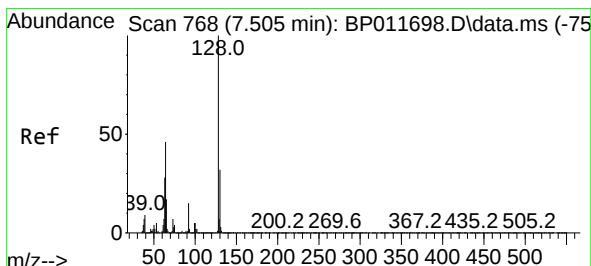
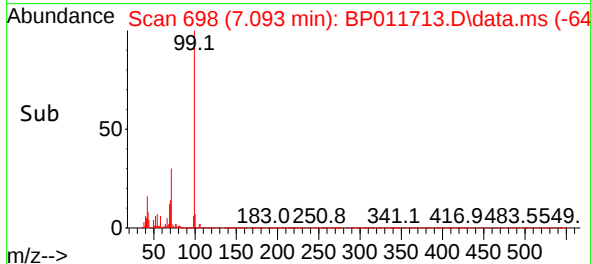
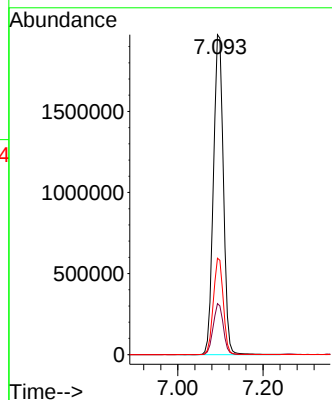
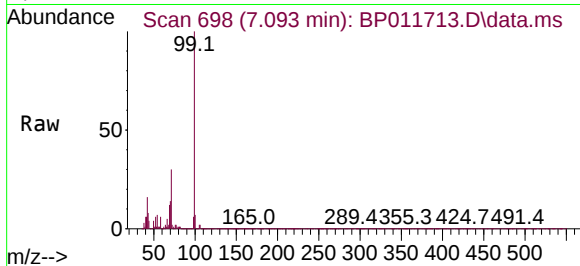
#7
Phenol-d6
Concen: 101.765 ng
RT: 7.093 min Scan# 699
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

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BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 99 Resp: 320238
Ion Ratio Lower Upper
99 100
42 15.9 20.3 30.5
71 30.1 33.9 50.9

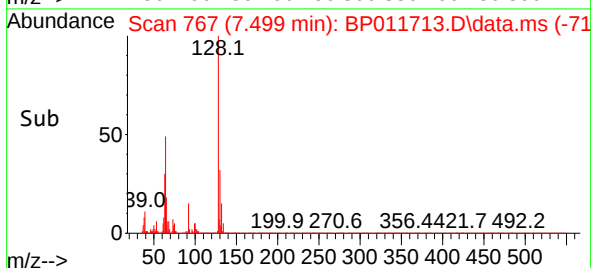
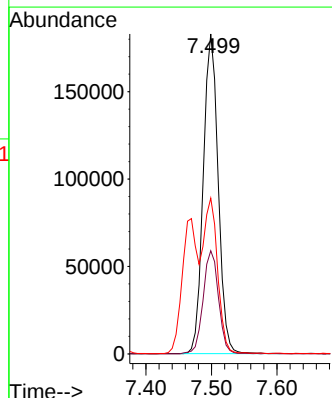
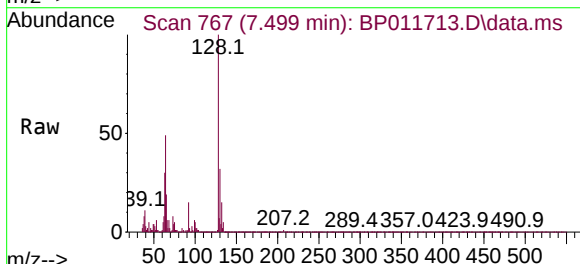
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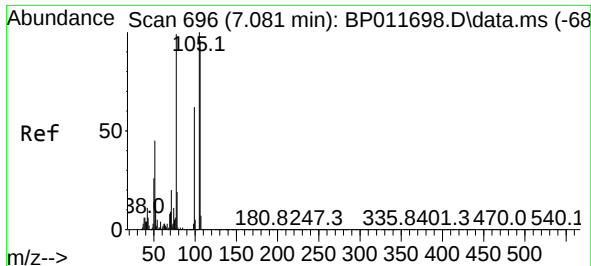
Reviewed By :Christian Giraldo 09/16/2022
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#8
2-Chlorophenol
Concen: 10.282 ng
RT: 7.499 min Scan# 767
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

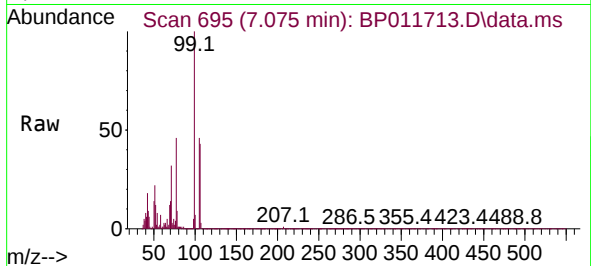
Tgt Ion:128 Resp: 287820
Ion Ratio Lower Upper
128 100
130 32.2 11.8 51.8
64 48.7 35.3 75.3





#9
Benzaldehyde
Concen: 12.576 ng
RT: 7.075 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

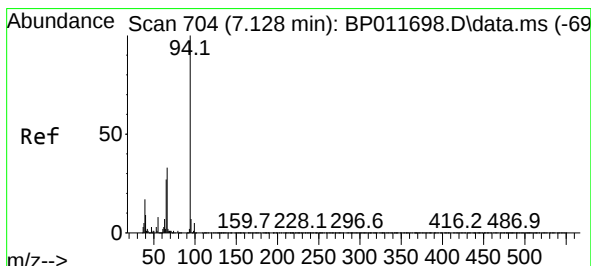
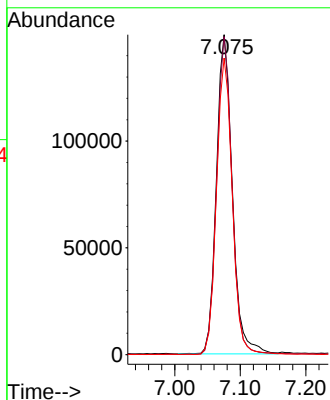
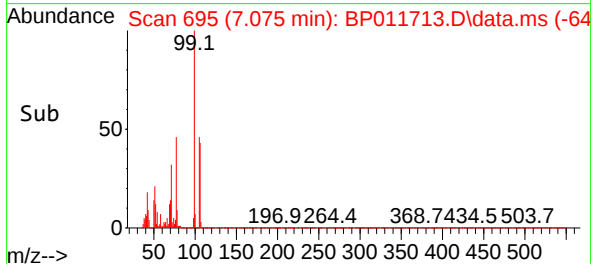
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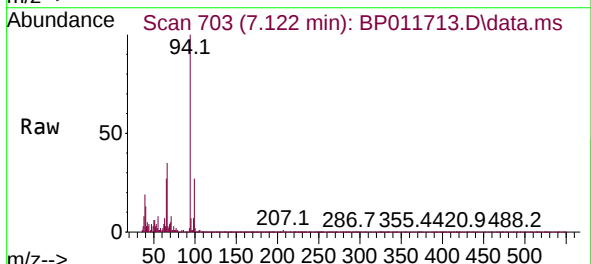
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Ion Ratio Lower Upper
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105 99.4 71.4 111.4
106 92.7 66.9 106.9

Manual Integrations
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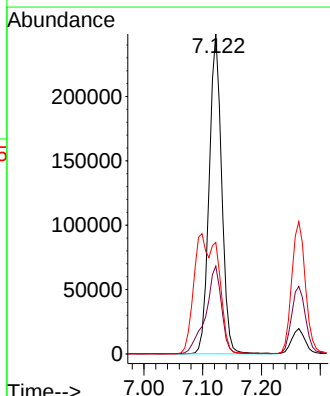
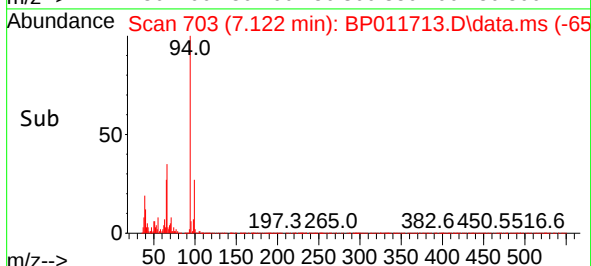
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

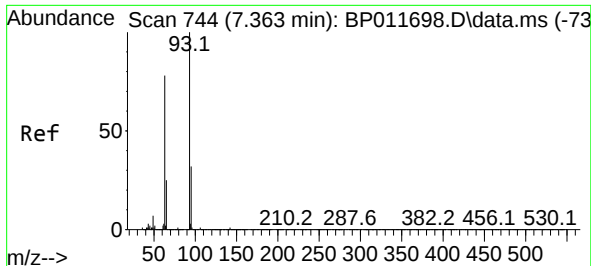


#10
Phenol
Concen: 10.364 ng
RT: 7.122 min Scan# 703
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



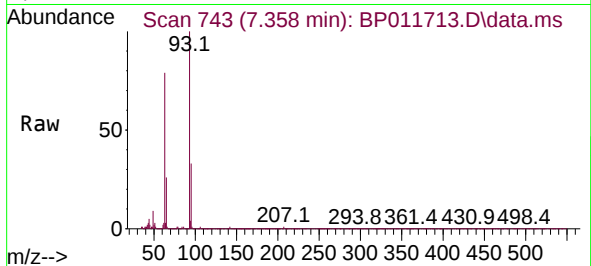
Tgt Ion: 94 Resp: 366818
Ion Ratio Lower Upper
94 100
65 27.4 14.0 54.0
66 34.8 29.2 69.2





#11
bis(2-Chloroethyl)ether
Concen: 10.561 ng
RT: 7.358 min Scan# 744
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

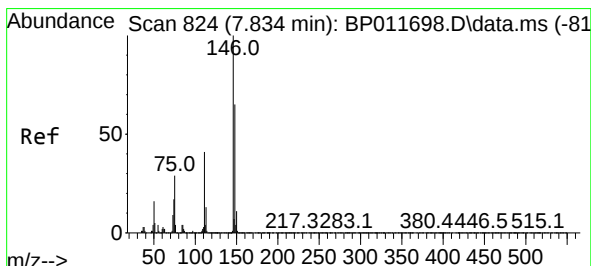
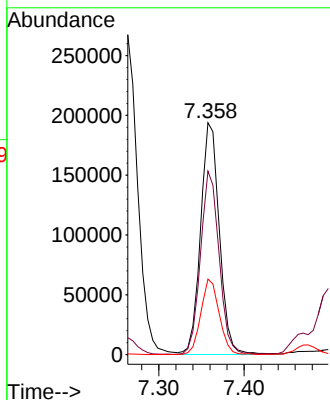
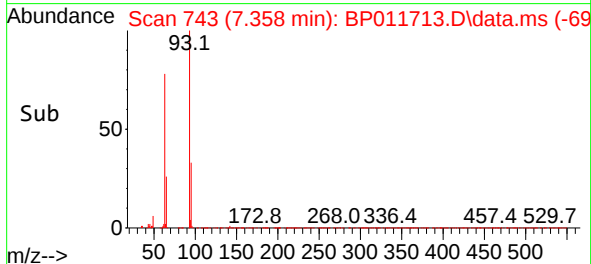
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 93 Resp: 297759
Ion Ratio Lower Upper
93 100
63 79.1 68.2 108.2
95 32.5 12.2 52.2

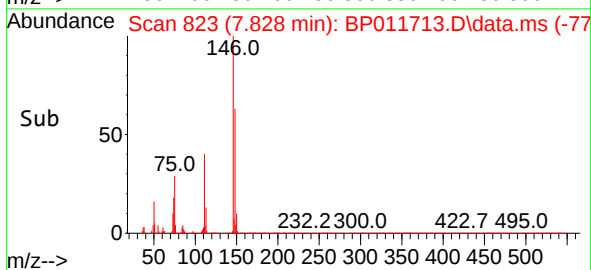
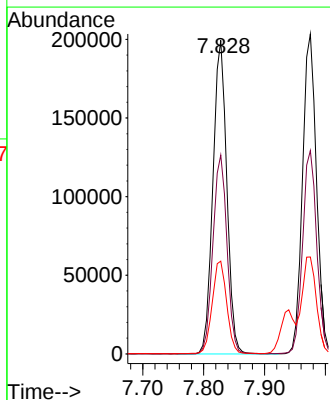
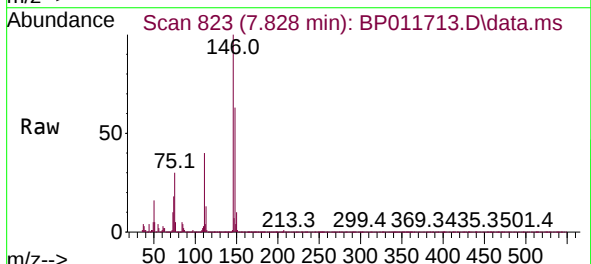
Manual Integrations
APPROVED

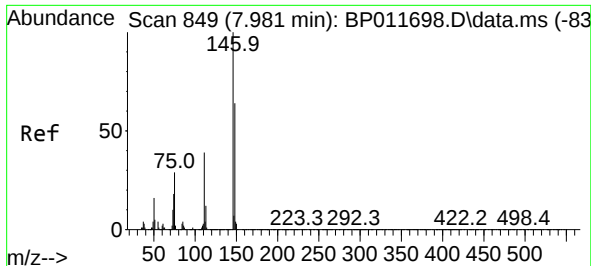
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#12
1,3-Dichlorobenzene
Concen: 10.168 ng
RT: 7.828 min Scan# 823
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:146 Resp: 315647
Ion Ratio Lower Upper
146 100
148 63.4 53.0 79.4
75 29.6 31.3 46.9#





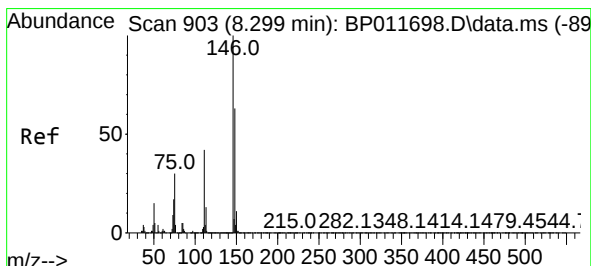
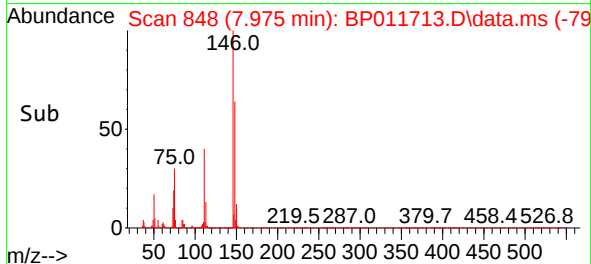
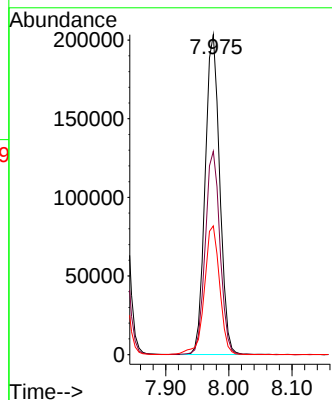
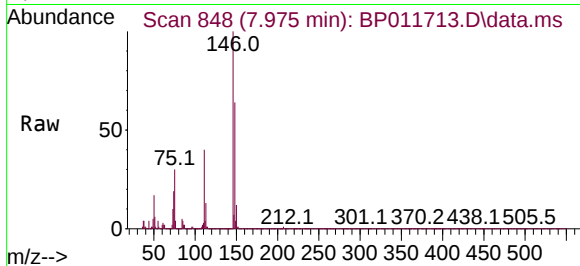
#13
1,4-Dichlorobenzene
Concen: 10.294 ng
RT: 7.975 min Scan# 849
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:146 Resp: 324964
Ion Ratio Lower Upper
146 100
148 63.5 51.6 77.4
111 40.2 35.2 52.8

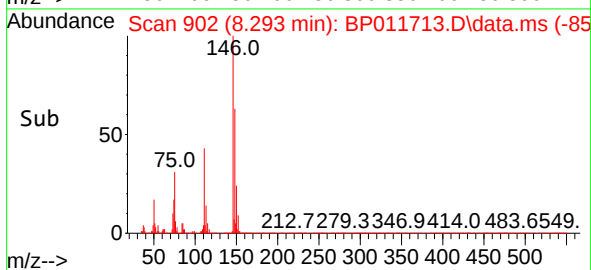
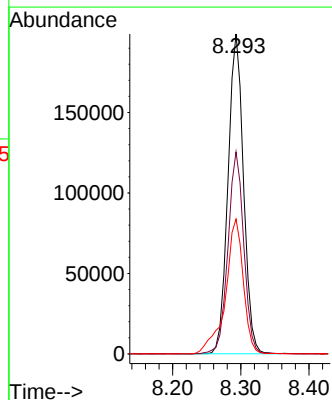
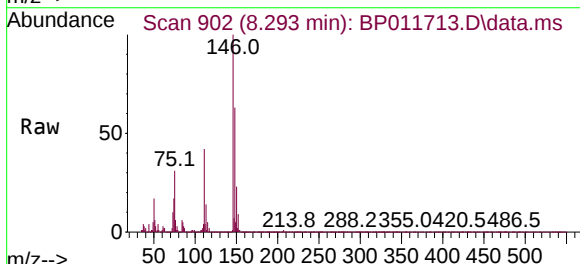
Manual Integrations
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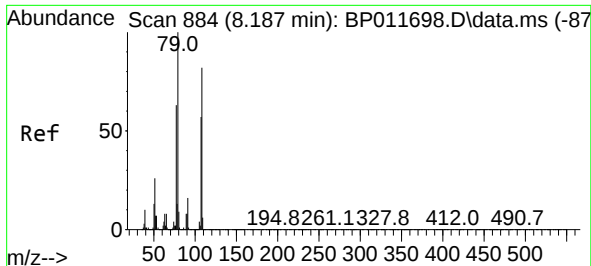
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#14
1,2-Dichlorobenzene
Concen: 10.408 ng
RT: 8.293 min Scan# 902
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

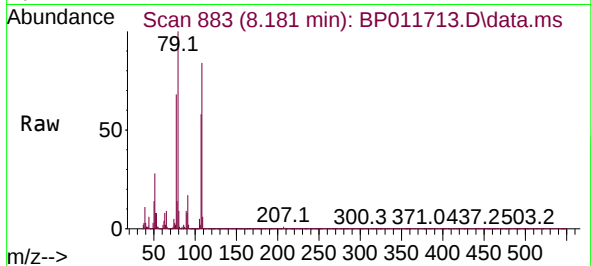
Tgt Ion:146 Resp: 313234
Ion Ratio Lower Upper
146 100
148 63.1 52.2 78.2
111 42.1 36.6 55.0





#15
Benzyl Alcohol
Concen: 10.096 ng
RT: 8.181 min Scan# 884
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

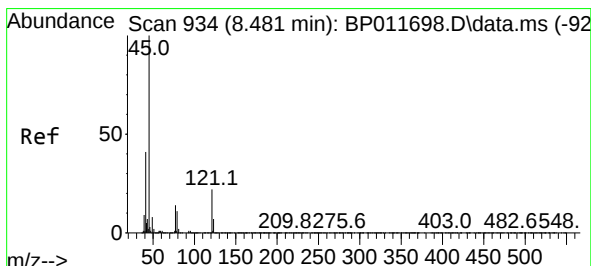
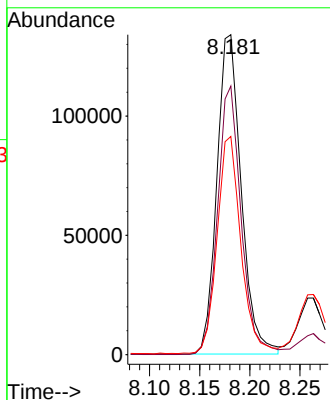
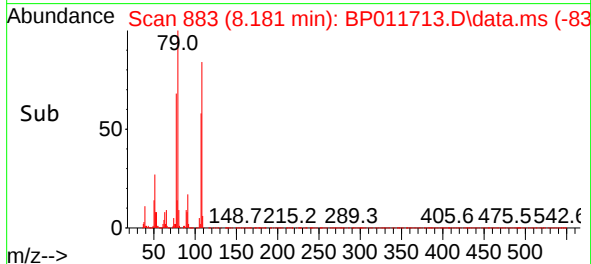
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 79 Resp: 226804
Ion Ratio Lower Upper
79 100
108 83.9 53.4 80.0
77 68.2 51.5 77.3

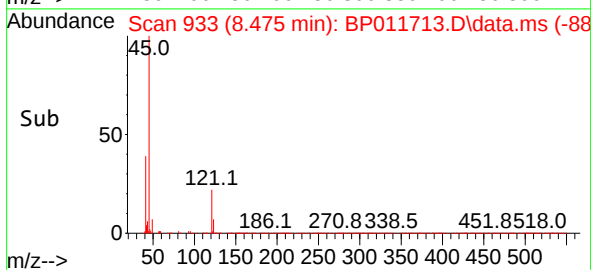
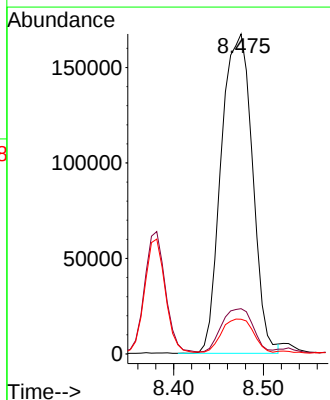
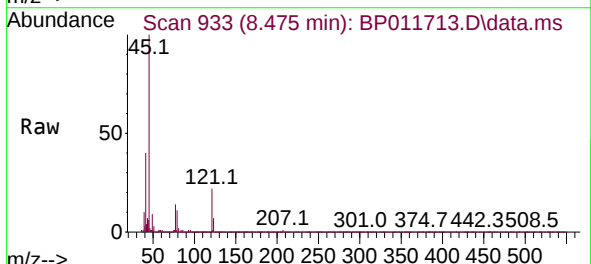
Manual Integrations
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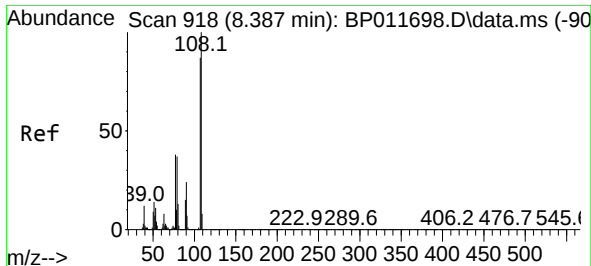
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.765 ng
RT: 8.475 min Scan# 933
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

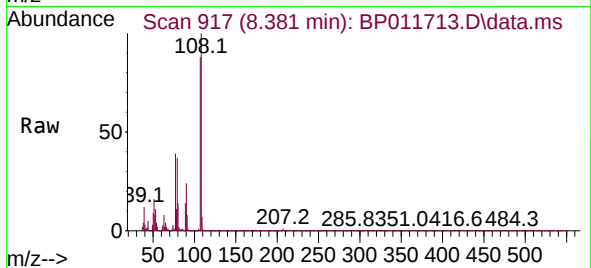
Tgt Ion: 45 Resp: 405409
Ion Ratio Lower Upper
45 100
77 14.1 0.0 31.8
79 10.8 0.0 28.8





#17
2-Methylphenol
Concen: 9.798 ng
RT: 8.381 min Scan# 917
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

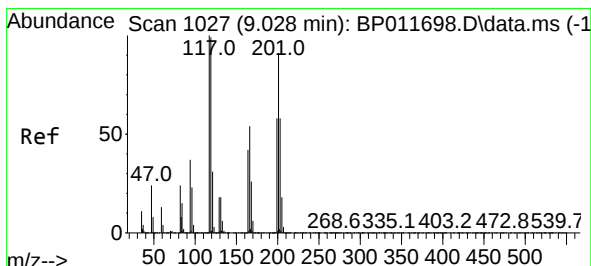
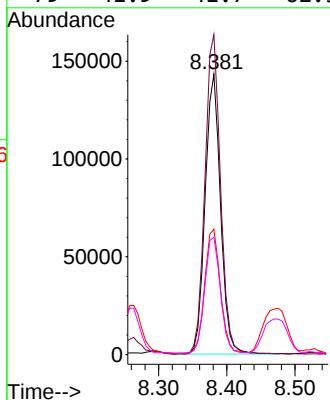
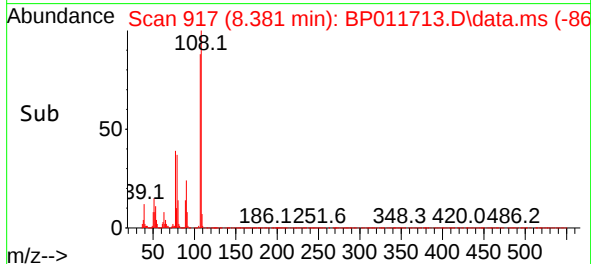
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



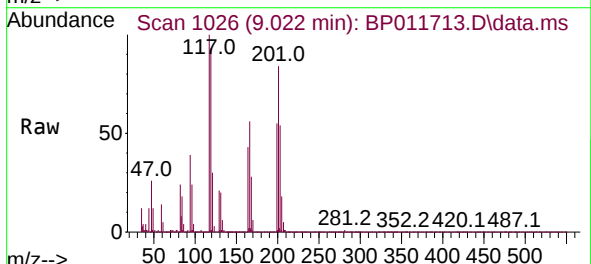
Tgt Ion:107 Resp: 225160
Ion Ratio Lower Upper
107 100
108 114.1 88.9 133.3
77 44.7 44.7 67.1
79 41.9 41.7 62.5

Manual Integrations
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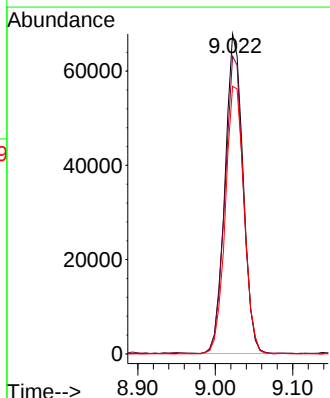
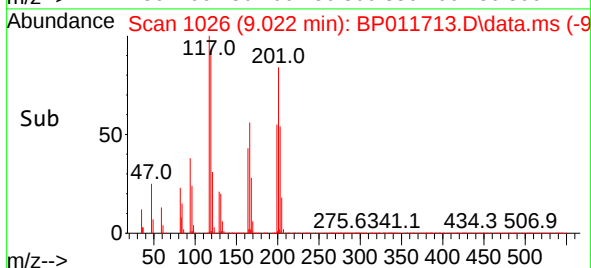
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

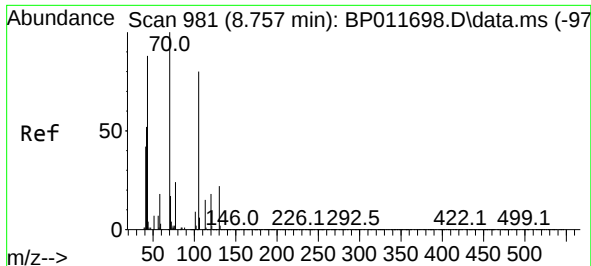


#18
Hexachloroethane
Concen: 10.109 ng
RT: 9.022 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



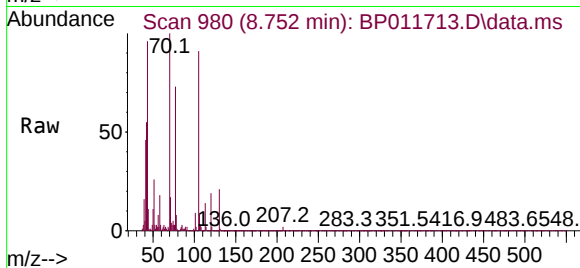
Tgt Ion:117 Resp: 110381
Ion Ratio Lower Upper
117 100
119 93.0 75.6 113.4
201 83.6 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 10.274 ng
RT: 8.752 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

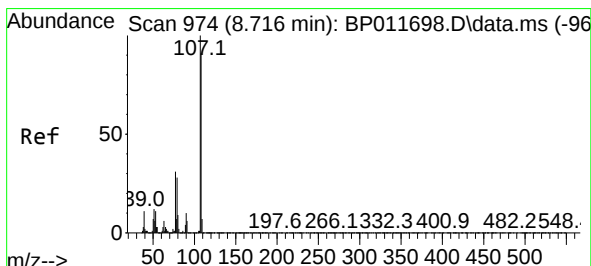
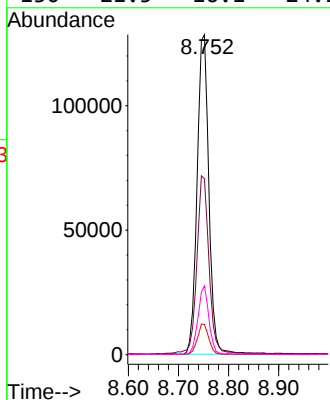
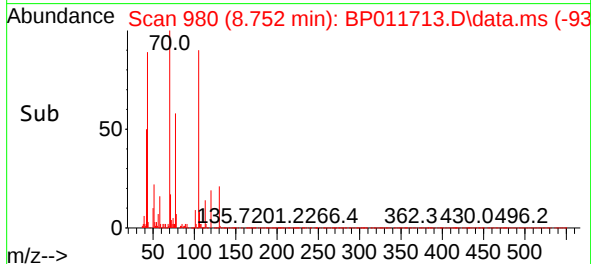
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



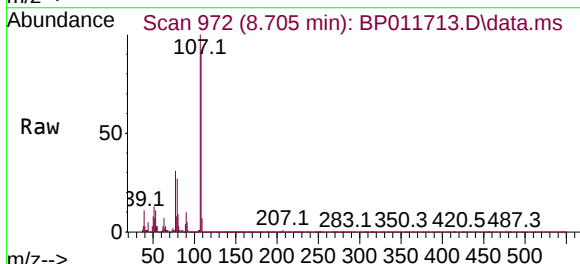
Tgt Ion: 70 Resp: 209322
Ion Ratio Lower Upper
70 100
42 54.9 58.1 87.1
101 9.4 8.4 12.6
130 21.5 16.1 24.1

Manual Integrations
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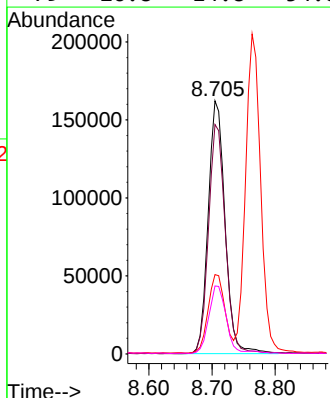
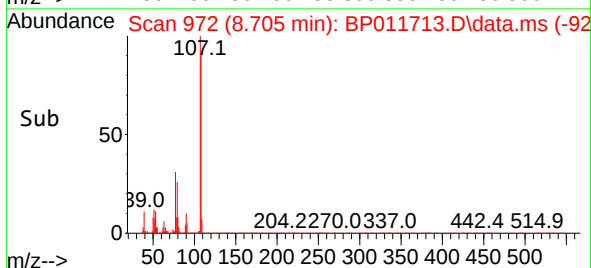
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

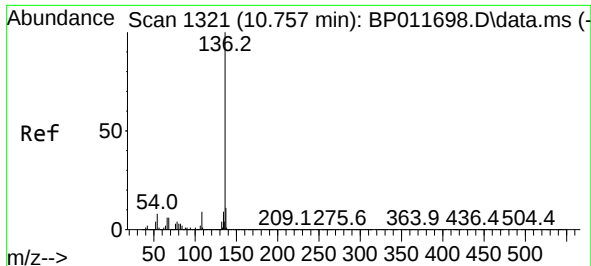


#20
3+4-Methylphenols
Concen: 9.526 ng
RT: 8.705 min Scan# 972
Delta R.T. -0.012 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



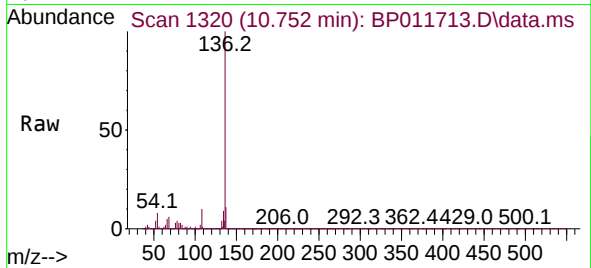
Tgt Ion:107 Resp: 300657
Ion Ratio Lower Upper
107 100
108 90.6 67.1 107.1
77 31.3 19.2 59.2
79 26.8 14.8 54.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.752 min Scan# 1321
Delta R.T. -0.005 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

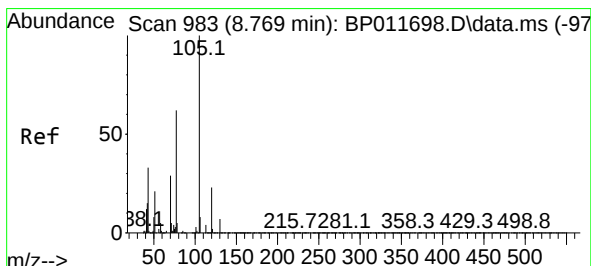
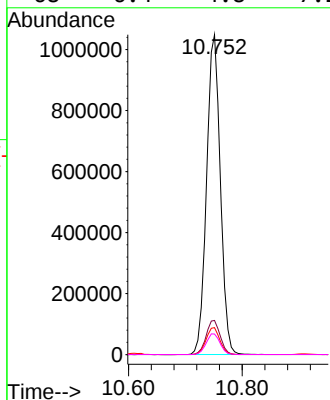
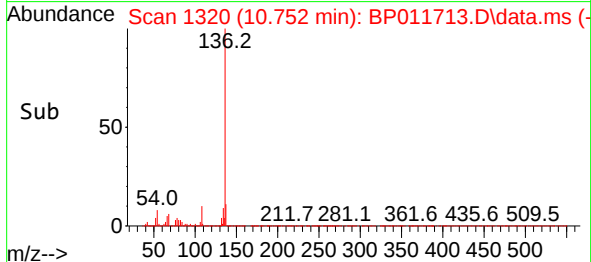
Instrument : BNA_P
Client Sample Id : LOQ-WATER-02-QT3-2022



Tgt Ion:136 Resp: 1767966
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 8.7 13.1
68 6.4 4.8 7.2

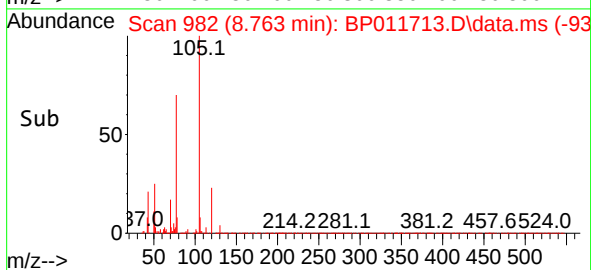
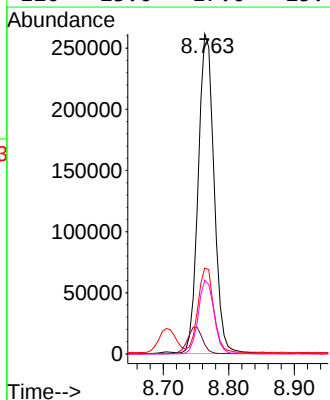
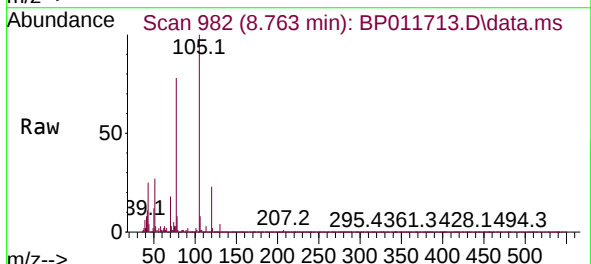
Manual Integrations
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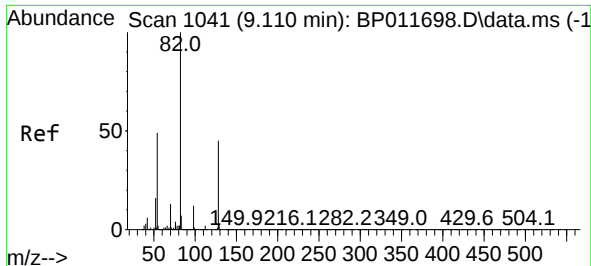
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#22
Acetophenone
Concen: 10.522 ng
RT: 8.763 min Scan# 982
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:105 Resp: 436091
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 26.9 29.5 44.3#
120 23.0 17.0 25.4





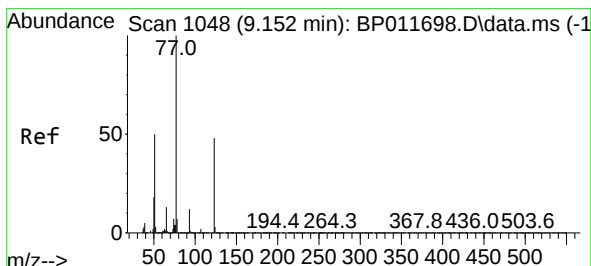
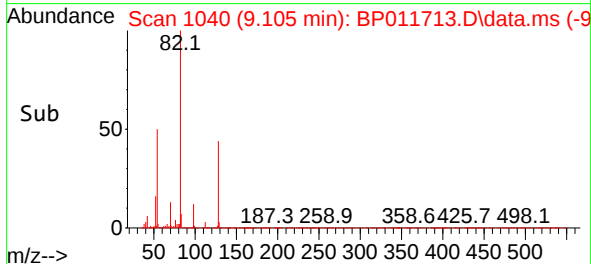
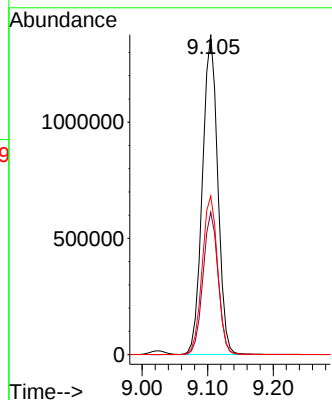
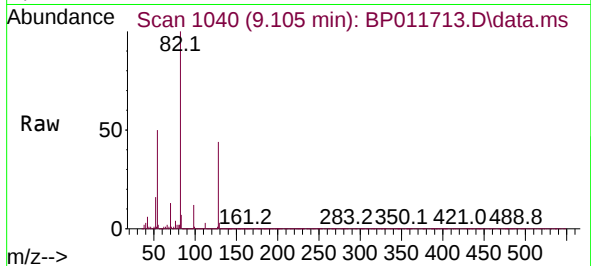
#23
Nitrobenzene-d5
Concen: 74.492 ng
RT: 9.105 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 2220635
Ion Ratio Lower Upper
82 100
128 44.5 31.3 46.9
54 49.6 49.8 74.8

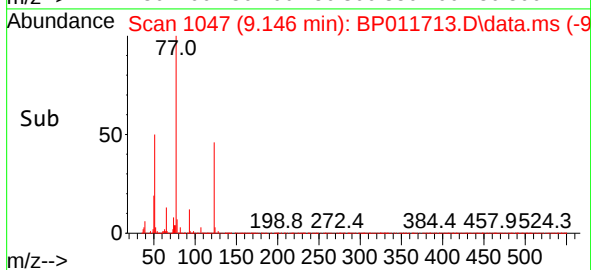
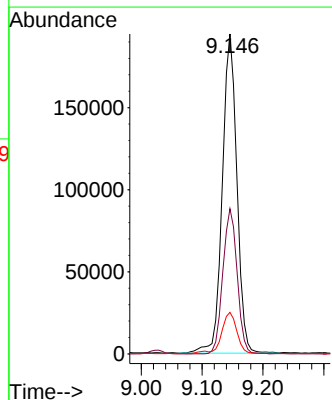
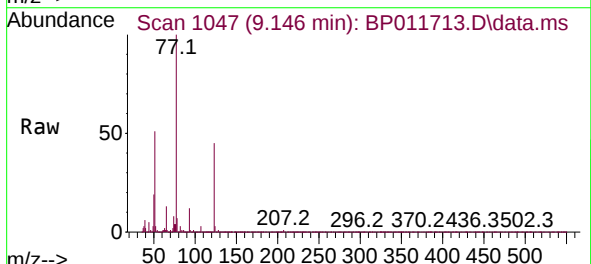
Manual Integrations
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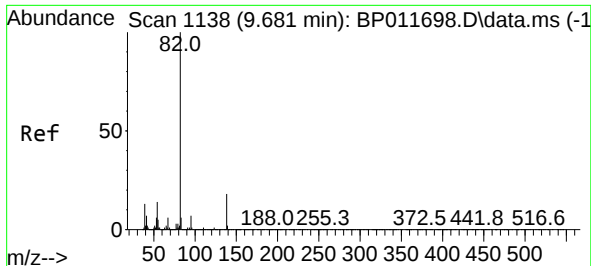
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#24
Nitrobenzene
Concen: 10.428 ng
RT: 9.146 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion: 77 Resp: 323437
Ion Ratio Lower Upper
77 100
123 45.4 31.1 46.7
65 13.0 12.1 18.1





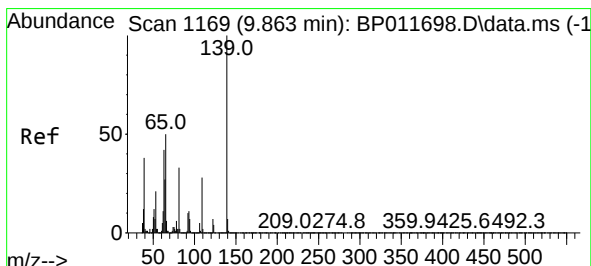
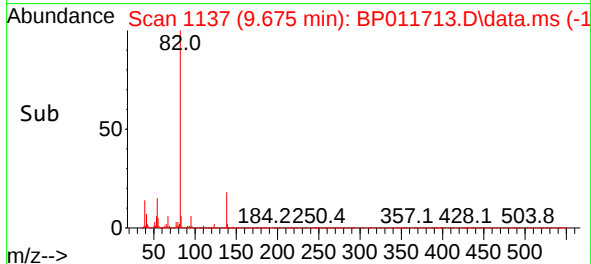
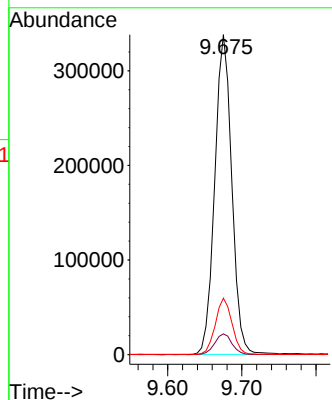
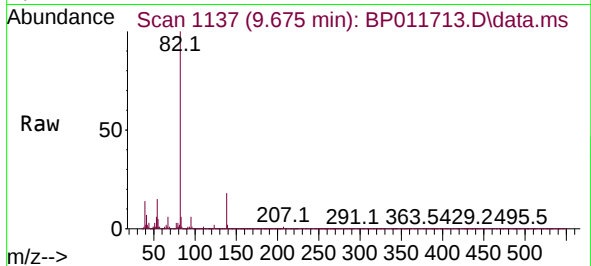
#25
Isophorone
Concen: 10.217 ng
RT: 9.675 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 82 Resp: 538762
Ion Ratio Lower Upper
82 100
95 6.5 6.5 9.7
138 17.6 12.4 18.6

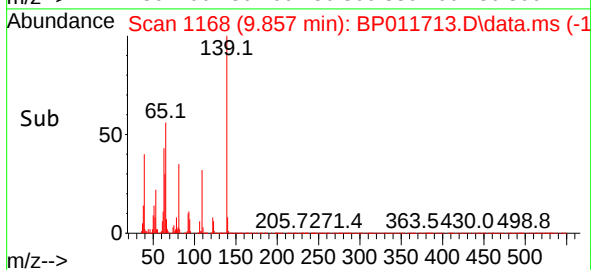
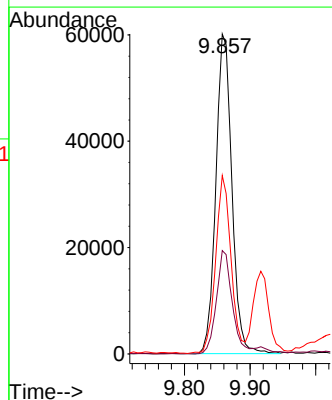
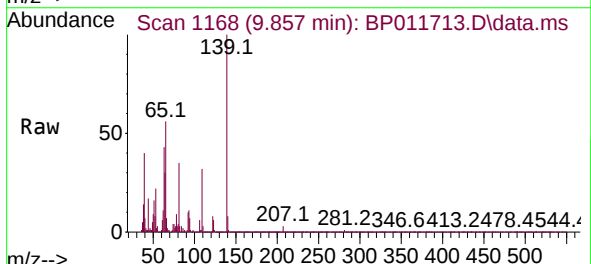
Manual Integrations
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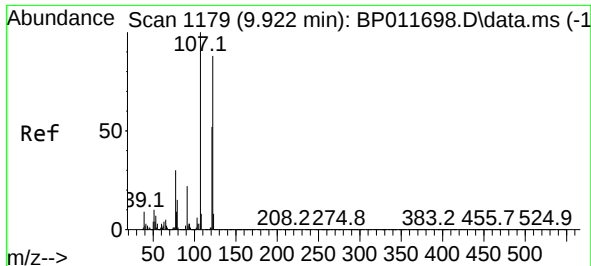
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#26
2-Nitrophenol
Concen: 8.070 ng
RT: 9.857 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:139 Resp: 102683
Ion Ratio Lower Upper
139 100
109 32.3 30.2 45.4
65 55.7 52.2 78.2





#27

2,4-Dimethylphenol

Concen: 11.133 ng

RT: 9.916 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BP011713.D

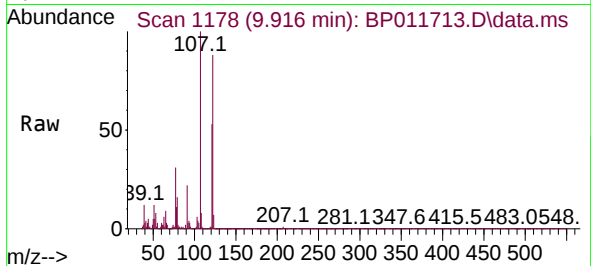
Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022



Tgt Ion:122 Resp: 245462

Ion Ratio Lower Upper

122 100

107 113.4 103.5 155.3

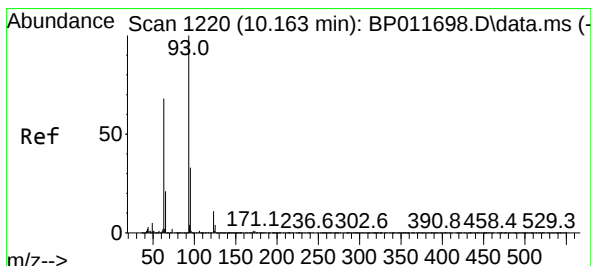
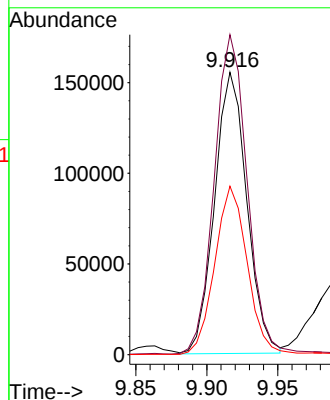
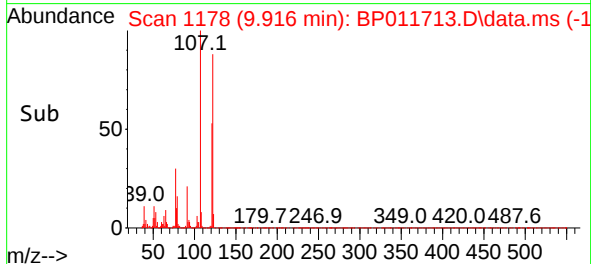
121 59.7 47.5 71.3

Manual Integrations

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#28

bis(2-Chloroethoxy)methane

Concen: 11.400 ng

RT: 10.157 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

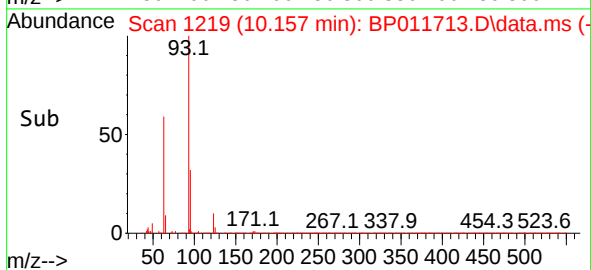
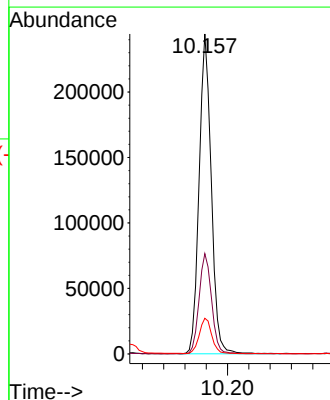
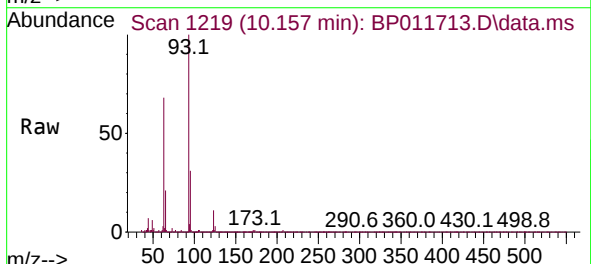
Tgt Ion: 93 Resp: 384434

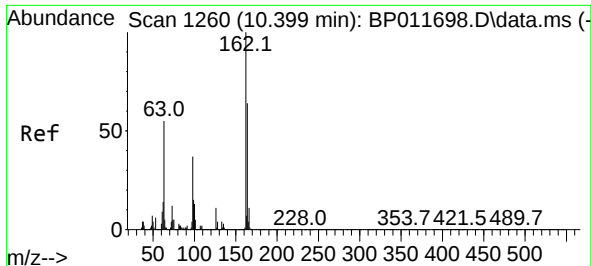
Ion Ratio Lower Upper

93 100

95 31.3 25.0 37.6

123 11.1 9.0 13.6





#29

2,4-Dichlorophenol

Concen: 9.525 ng

RT: 10.393 min Scan# 1259

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

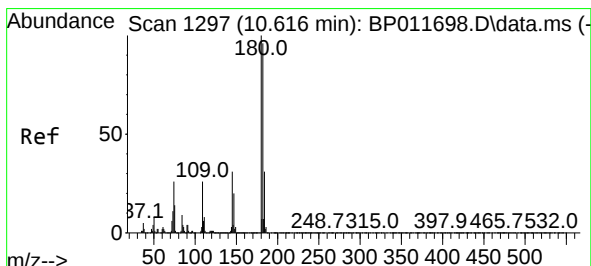
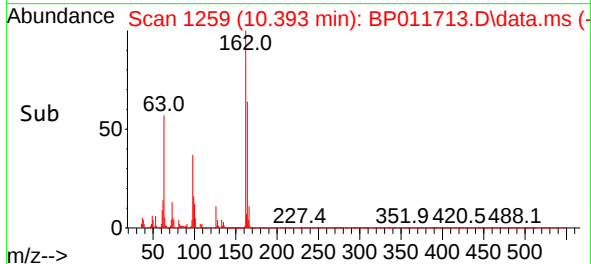
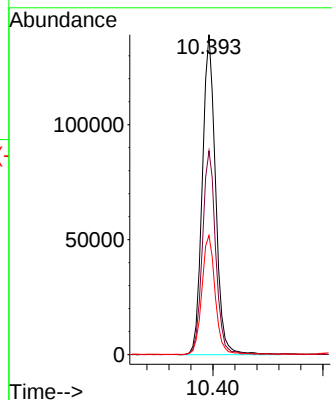
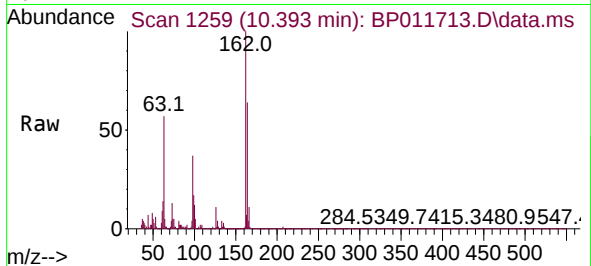
Tgt Ion:162	Resp: 23263
Ion Ratio	Lower Upper
162 100	
164 63.7	43.0 83.0
98 37.2	20.4 60.4

Manual Integrations

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Supervised By :Jagrut Upadhyay 09/16/2022



#30

1,2,4-Trichlorobenzene

Concen: 9.758 ng

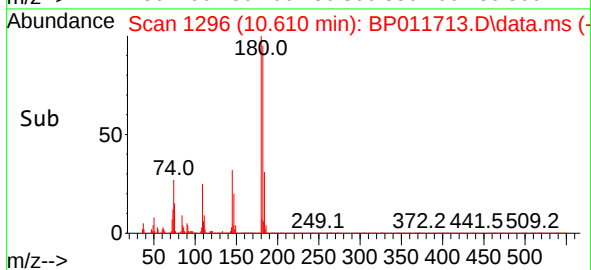
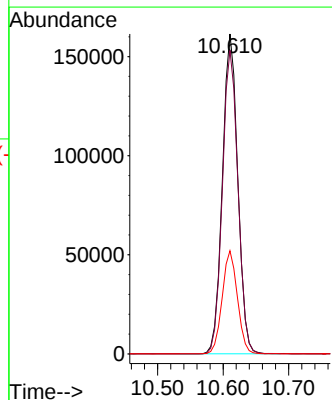
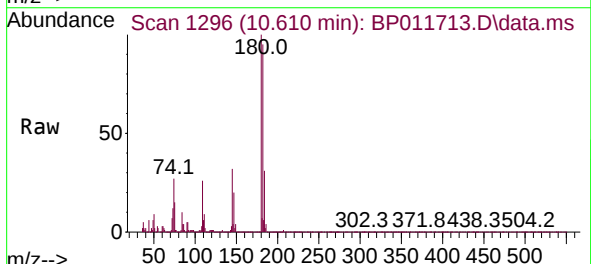
RT: 10.610 min Scan# 1296

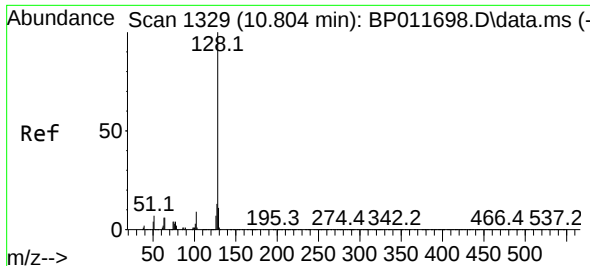
Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Tgt Ion:180	Resp: 263852
Ion Ratio	Lower Upper
180 100	
182 94.8	78.0 117.0
145 32.2	24.6 36.8





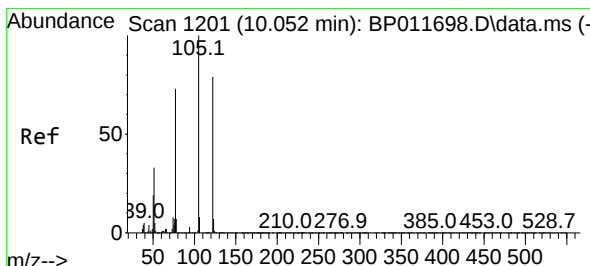
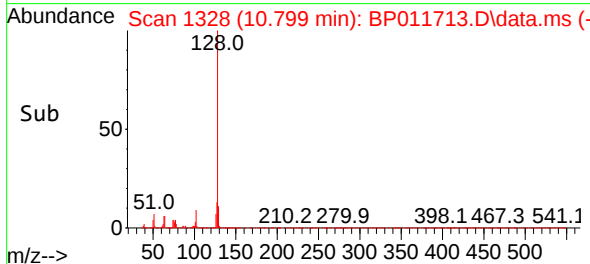
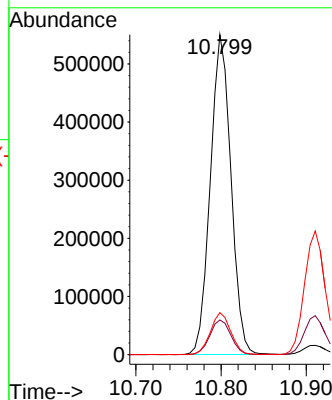
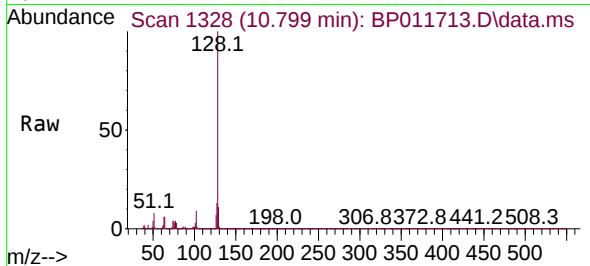
#31
Naphthalene
Concen: 10.088 ng
RT: 10.799 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:128 Resp: 925495
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 10.3 15.5

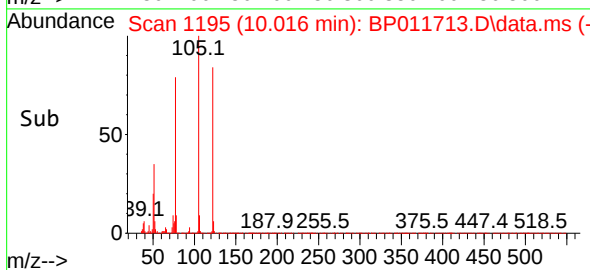
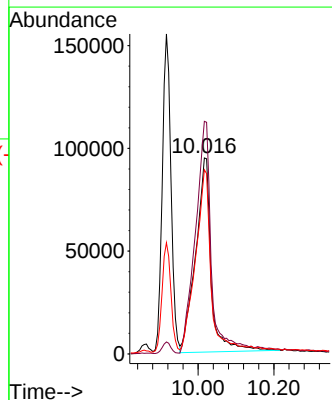
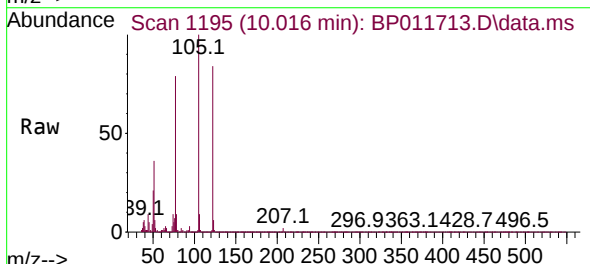
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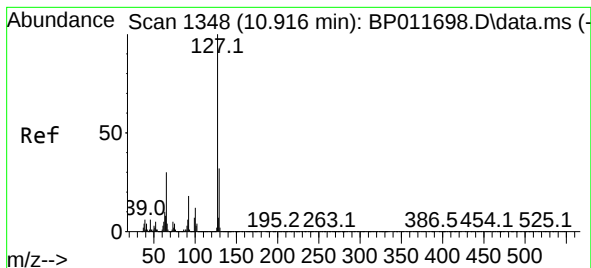
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#32
Benzoic acid
Concen: 16.363 ng
RT: 10.016 min Scan# 1195
Delta R.T. -0.036 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:122 Resp: 269970
Ion Ratio Lower Upper
122 100
105 118.7 112.6 152.6
77 94.0 90.2 130.2





#33

4-Chloroaniline

Concen: 10.216 ng

RT: 10.910 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNP_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:127 Resp: 367739

Ion Ratio Lower Upper

127 100

129 31.6 25.4 38.2

65 29.2 30.4 45.6

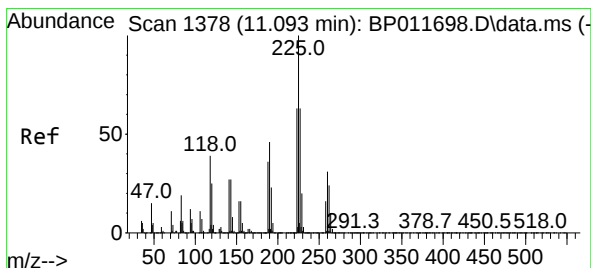
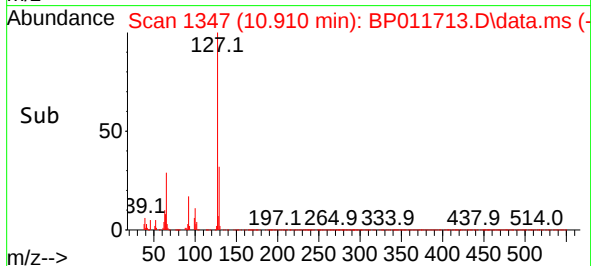
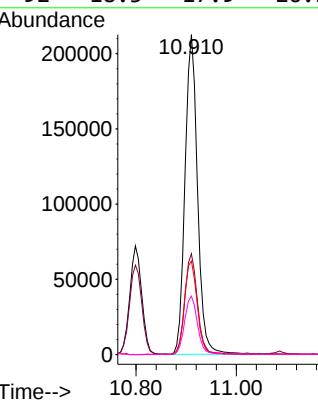
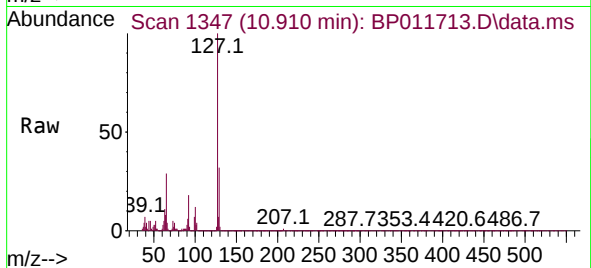
92 18.3 17.9 26.9

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Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#34

Hexachlorobutadiene

Concen: 9.480 ng

RT: 11.087 min Scan# 1377

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

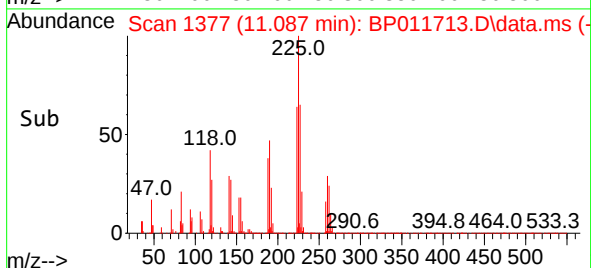
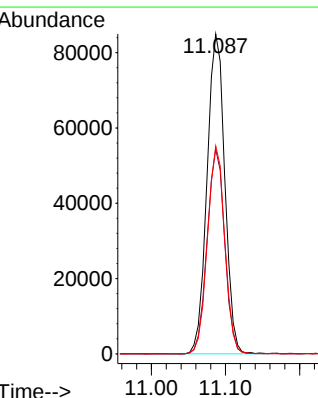
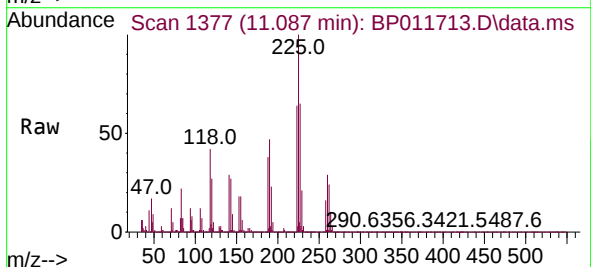
Tgt Ion:225 Resp: 141206

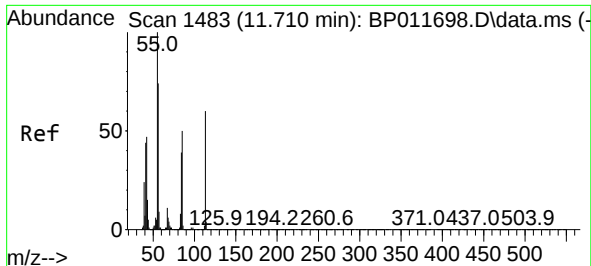
Ion Ratio Lower Upper

225 100

223 63.9 52.2 78.4

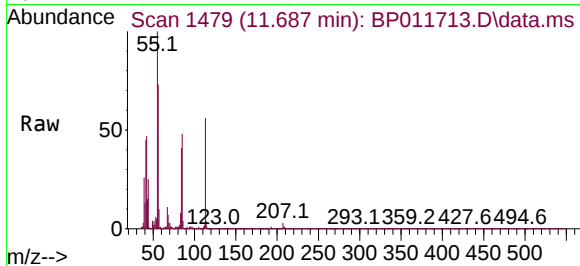
227 65.0 50.8 76.2





#35
Caprolactam
Concen: 8.320 ng
RT: 11.687 min Scan# 1483
Delta R.T. -0.023 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

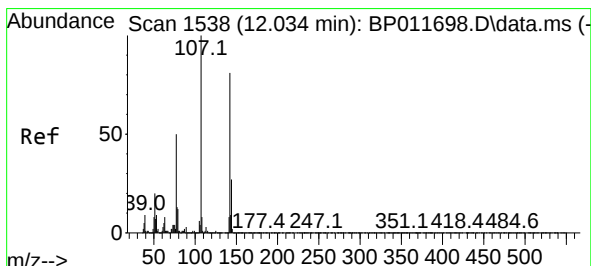
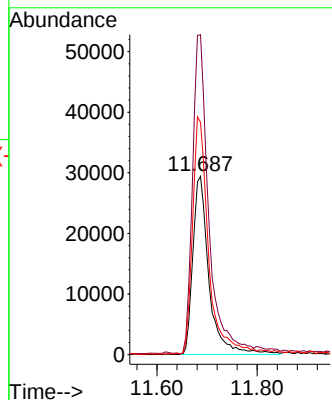
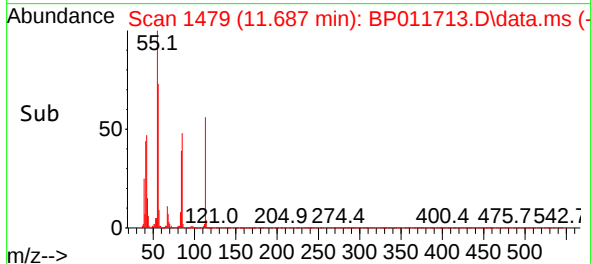
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:113 Resp: 6584
Ion Ratio Lower Upper
113 100
55 179.4 198.6 238.6
56 130.2 142.7 182.7

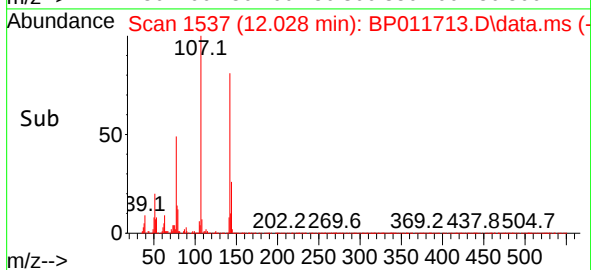
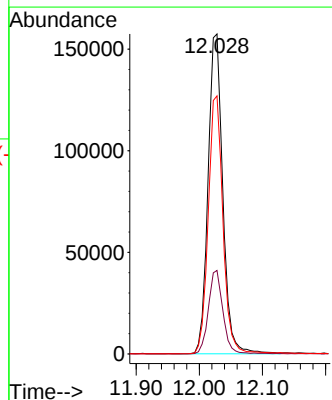
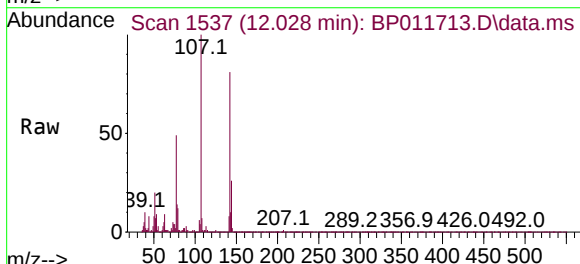
Manual Integrations
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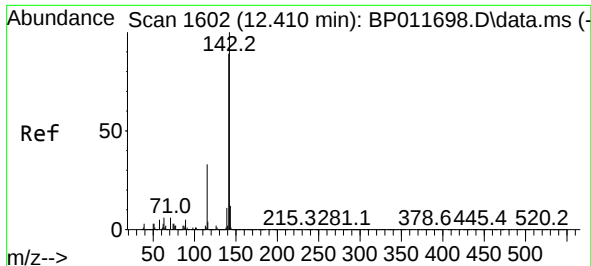
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#36
4-Chloro-3-methylphenol
Concen: 9.722 ng
RT: 12.028 min Scan# 1537
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

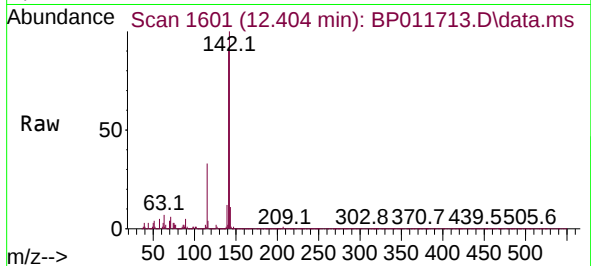
Tgt Ion:107 Resp: 255352
Ion Ratio Lower Upper
107 100
144 26.1 19.8 29.6
142 80.6 59.0 88.4





#37
2-Methylnaphthalene
Concen: 9.933 ng
RT: 12.404 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

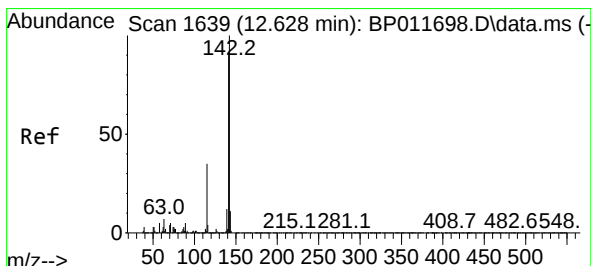
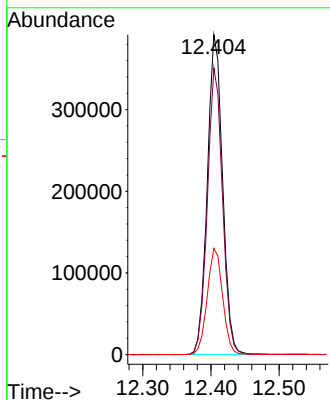
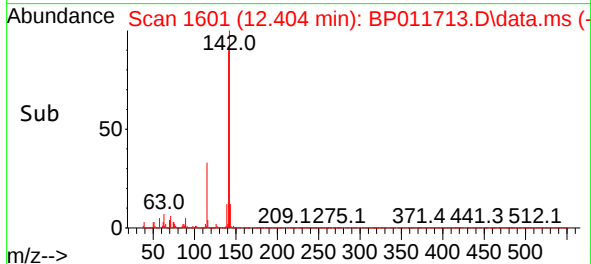
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



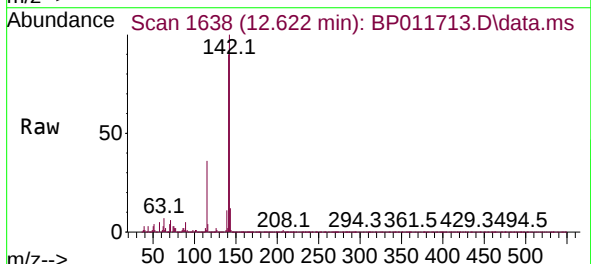
Tgt Ion:142 Resp: 609880
Ion Ratio Lower Upper
142 100
141 89.6 71.3 106.9
115 33.2 31.4 47.2

Manual Integrations
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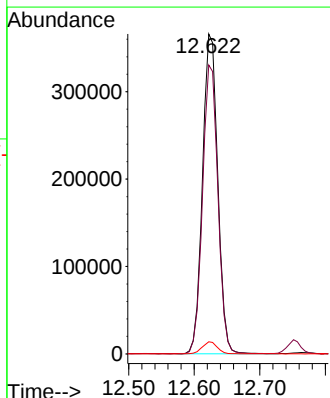
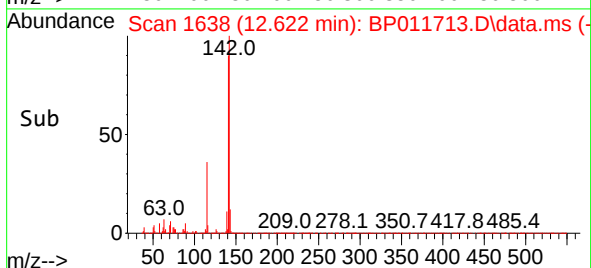
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

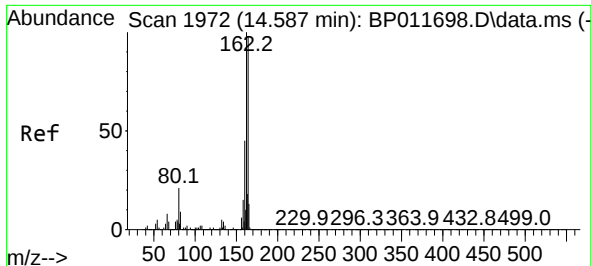


#38
1-Methylnaphthalene
Concen: 9.814 ng
RT: 12.622 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



Tgt Ion:142 Resp: 589128
Ion Ratio Lower Upper
142 100
141 90.3 72.6 108.8
116 3.8 3.3 4.9





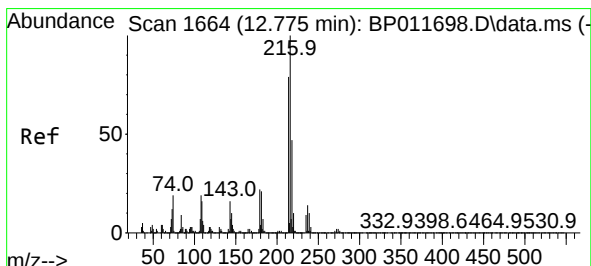
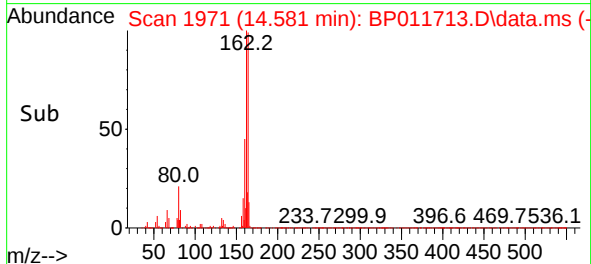
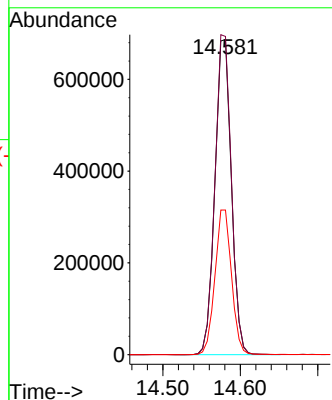
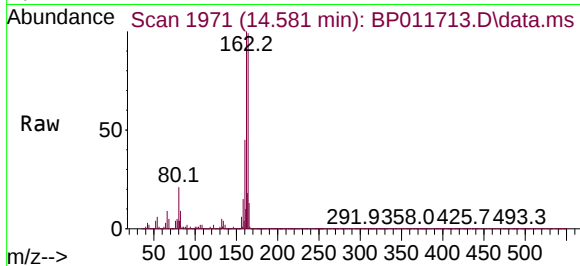
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.581 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:164 Resp: 1015536
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 45.9 34.6 51.8

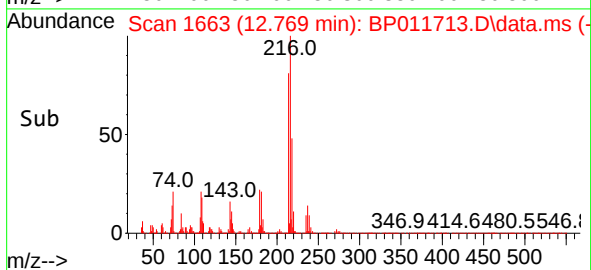
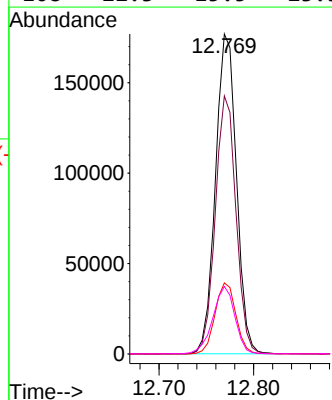
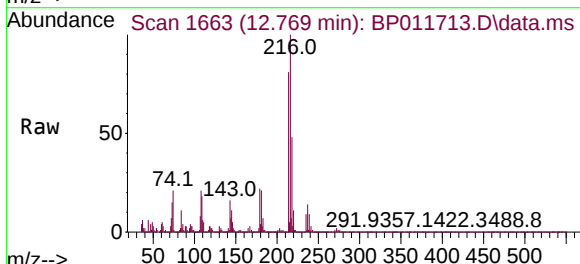
Manual Integrations
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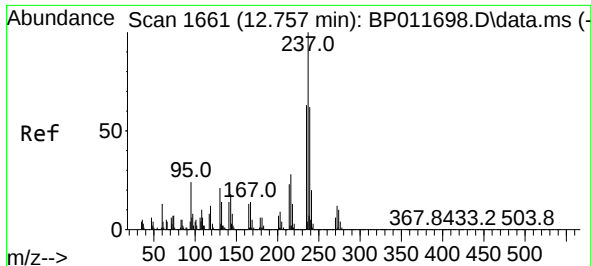
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.156 ng
RT: 12.769 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

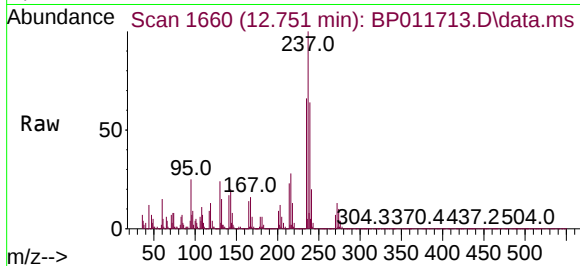
Tgt Ion:216 Resp: 272213
Ion Ratio Lower Upper
216 100
214 79.6 61.9 92.9
179 22.1 17.0 25.6
108 22.3 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 10.722 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

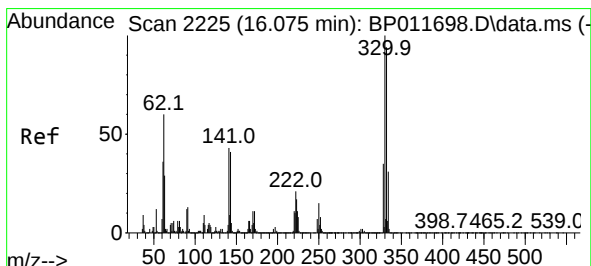
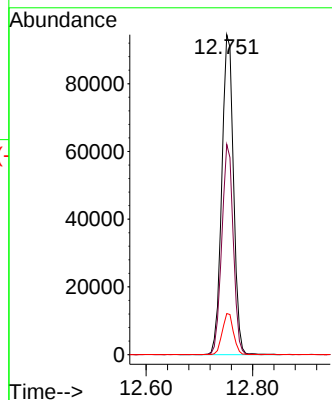
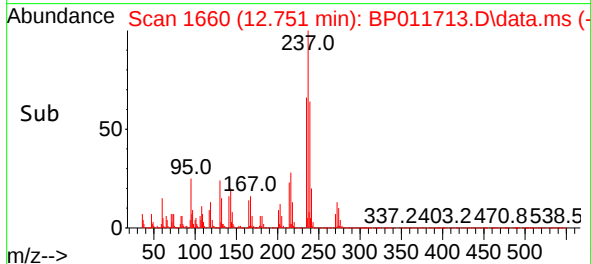
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



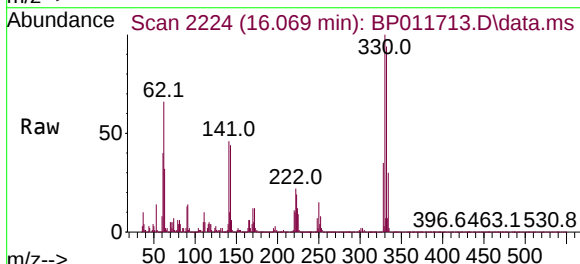
Tgt Ion: 237 Resp: 143445
Ion Ratio Lower Upper
237 100
235 65.7 43.3 83.3
272 12.8 0.0 33.0

Manual Integrations
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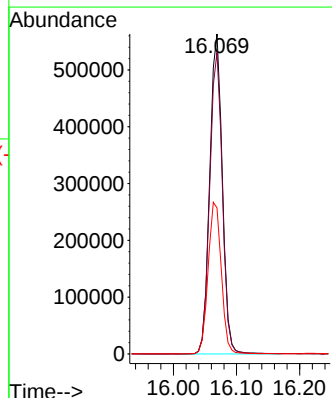
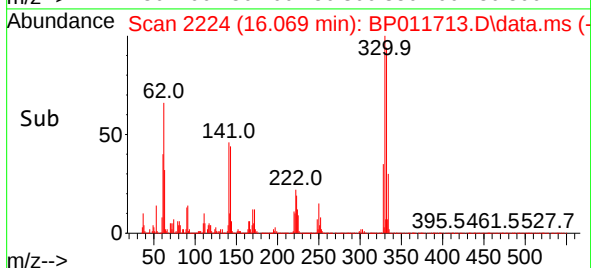
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022

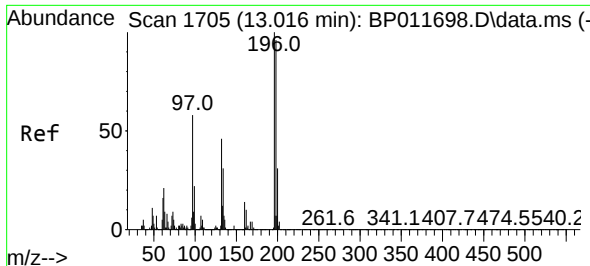


#42
2,4,6-Tribromophenol
Concen: 98.450 ng
RT: 16.069 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



Tgt Ion: 330 Resp: 781176
Ion Ratio Lower Upper
330 100
332 94.9 78.1 117.1
141 49.5 31.4 47.2#





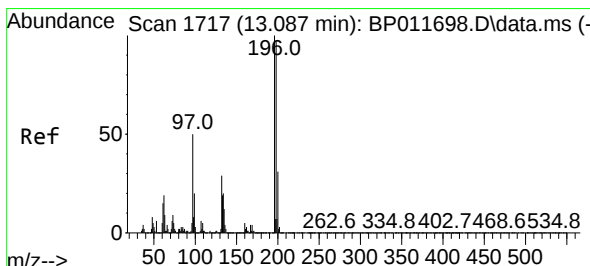
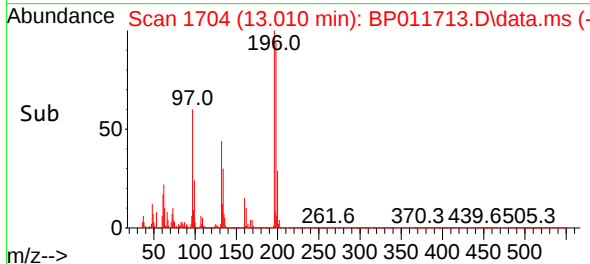
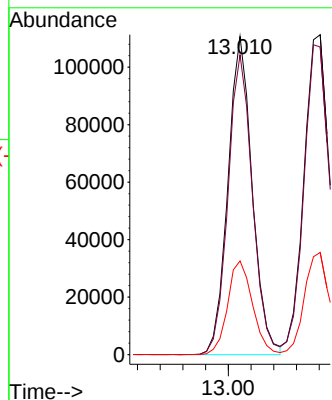
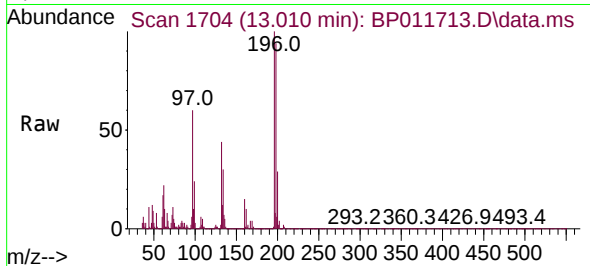
#43
2,4,6-Trichlorophenol
Concen: 9.018 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2022

Tgt Ion:196 Resp: 164409
Ion Ratio Lower Upper
196 100
198 94.2 77.7 116.5
200 29.4 25.5 38.3

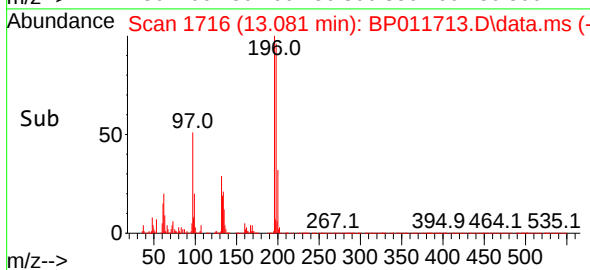
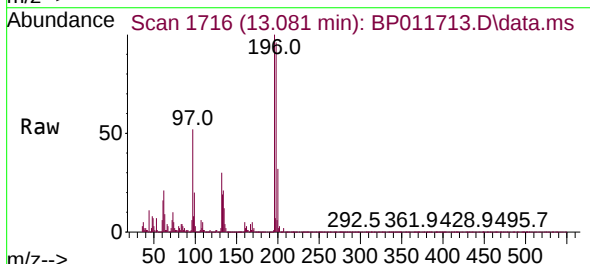
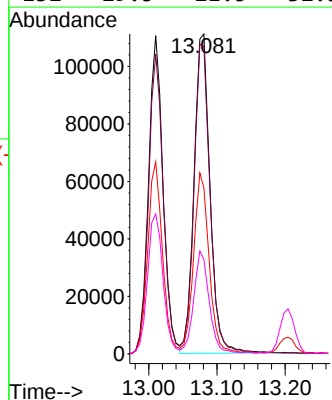
Manual Integrations
APPROVED

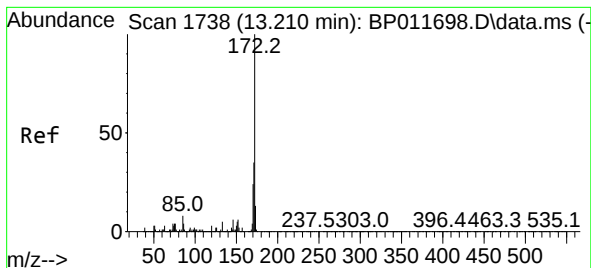
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#44
2,4,5-Trichlorophenol
Concen: 8.916 ng
RT: 13.081 min Scan# 1716
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

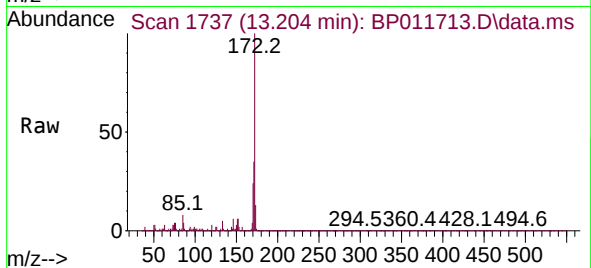
Tgt Ion:196 Resp: 181752
Ion Ratio Lower Upper
196 100
198 96.1 75.7 113.5
97 51.9 42.4 63.6
132 29.5 21.5 32.3





#45
2-Fluorobiphenyl
Concen: 74.229 ng
RT: 13.204 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

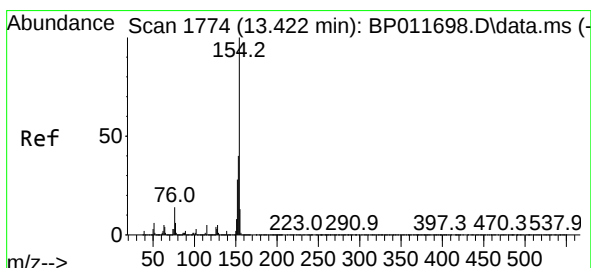
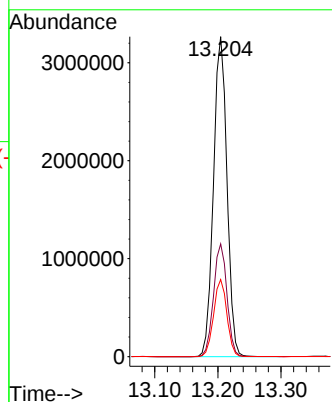
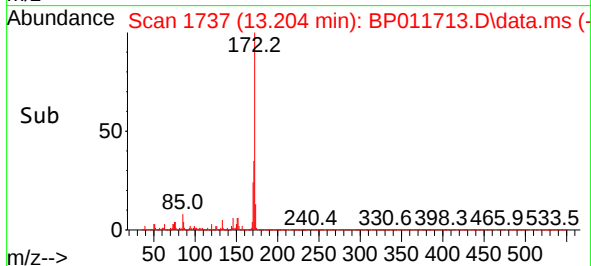
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



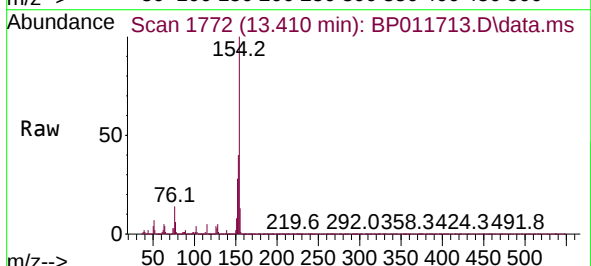
Tgt Ion:172 Resp: 484949
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 24.1 18.2 27.2

Manual Integrations
APPROVED

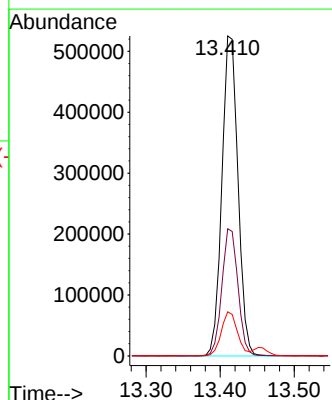
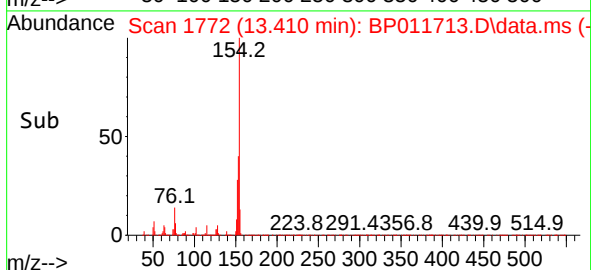
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

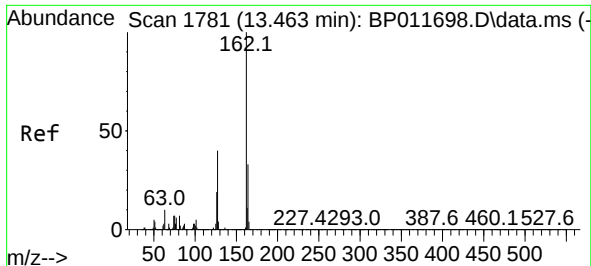


#46
1,1'-Biphenyl
Concen: 10.703 ng
RT: 13.410 min Scan# 1772
Delta R.T. -0.012 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



Tgt Ion:154 Resp: 790739
Ion Ratio Lower Upper
154 100
153 39.7 20.1 60.1
76 13.8 0.0 33.2





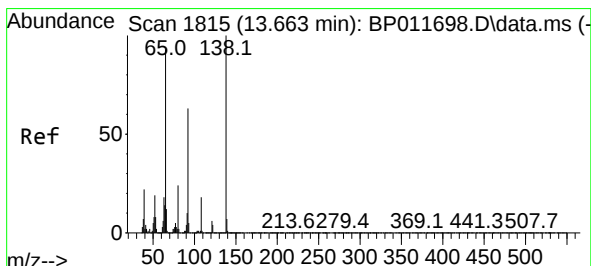
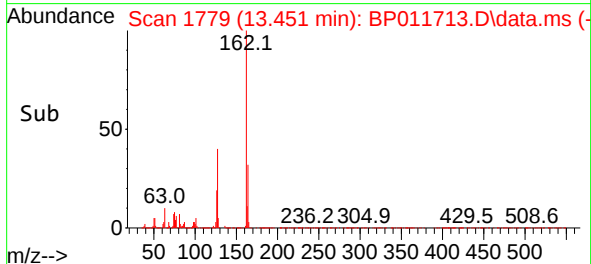
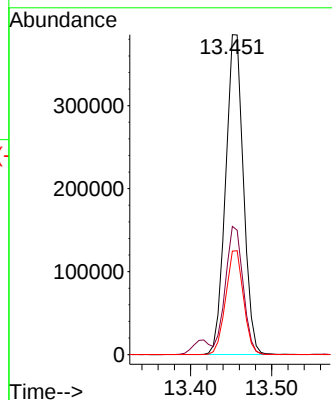
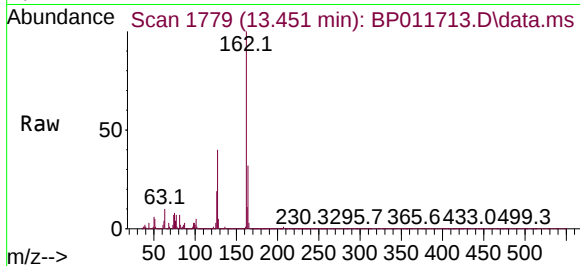
#47
2-Chloronaphthalene
Concen: 10.110 ng
RT: 13.451 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:162 Resp: 58764
Ion Ratio Lower Upper
162 100
127 40.1 32.4 48.6
164 32.3 26.3 39.5

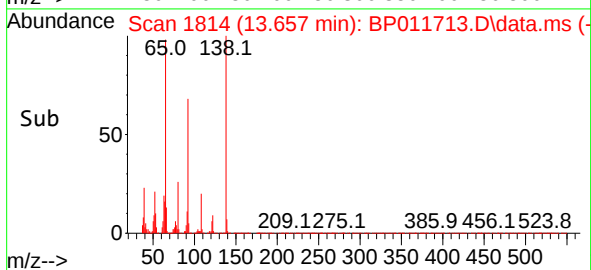
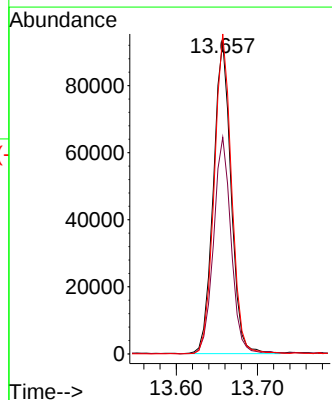
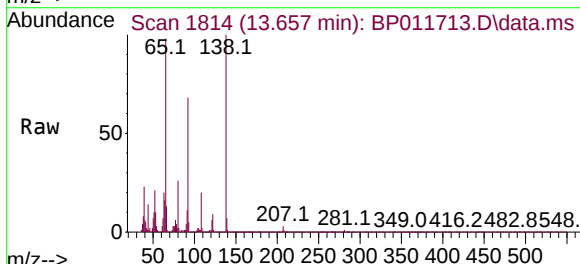
Manual Integrations
APPROVED

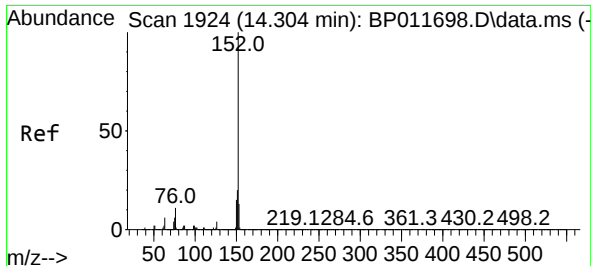
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#48
2-Nitroaniline
Concen: 8.637 ng
RT: 13.657 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion: 65 Resp: 140784
Ion Ratio Lower Upper
65 100
92 69.3 50.0 75.0
138 102.5 71.2 106.8





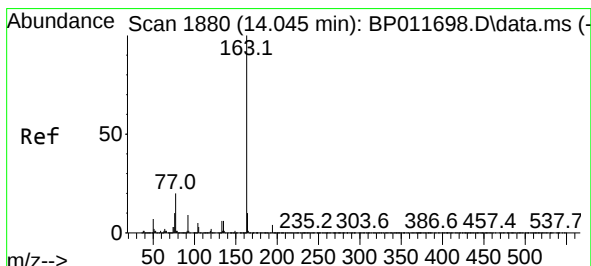
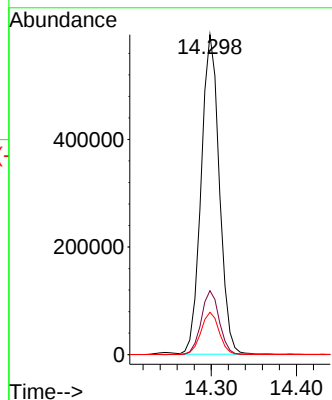
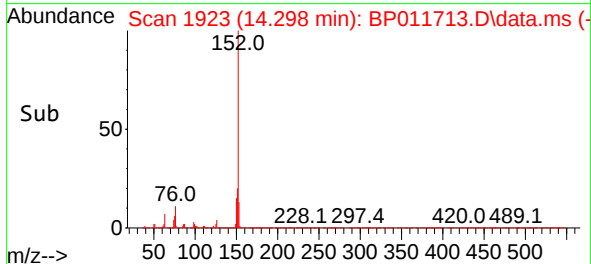
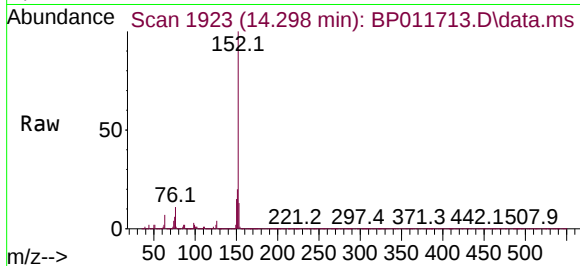
#49
Acenaphthylene
Concen: 9.767 ng
RT: 14.298 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:152 Resp: 87844
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.2 10.4 15.6

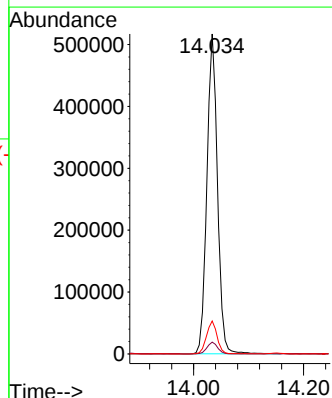
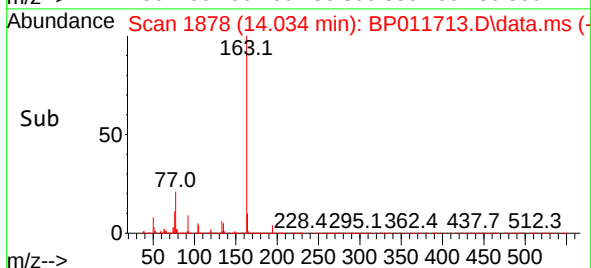
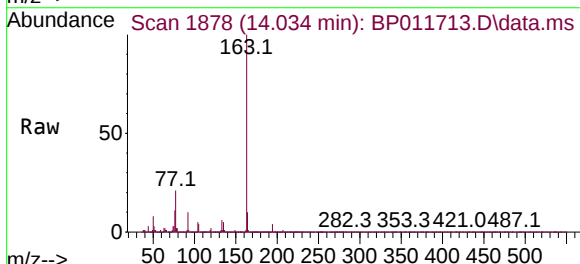
Manual Integrations
APPROVED

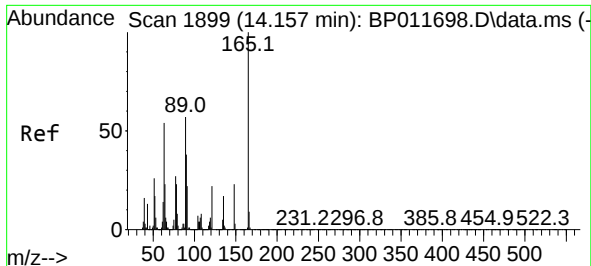
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#50
Dimethylphthalate
Concen: 9.722 ng
RT: 14.034 min Scan# 1878
Delta R.T. -0.012 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

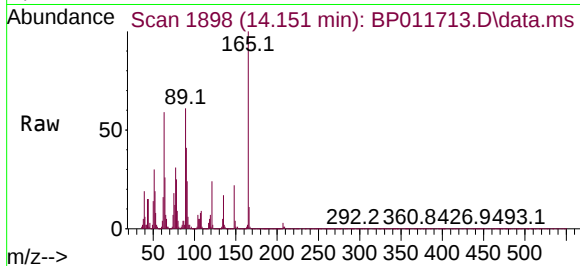
Tgt Ion:163 Resp: 688748
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 9.145 ng
RT: 14.151 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

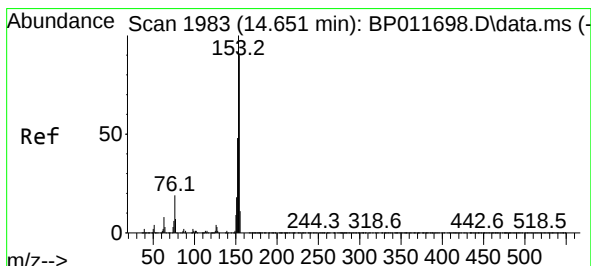
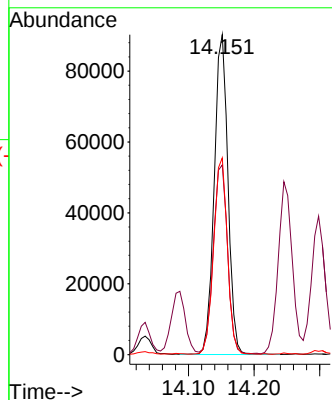
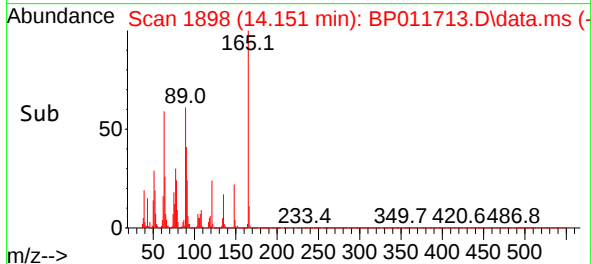
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:165 Resp: 131372
Ion Ratio Lower Upper
165 100
63 59.3 57.3 85.9
89 61.5 50.2 75.2

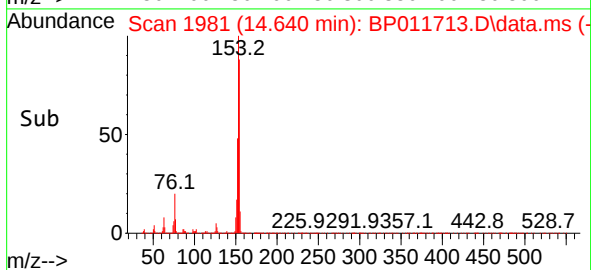
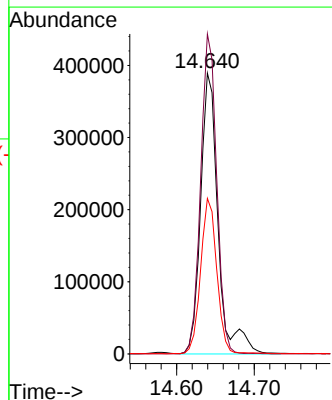
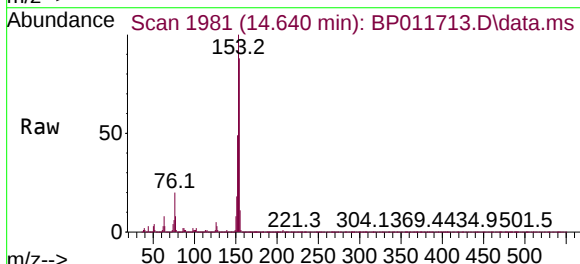
Manual Integrations
APPROVED

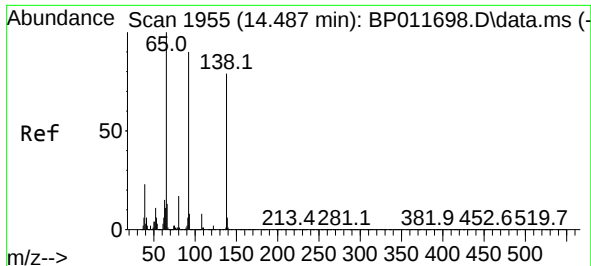
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#52
Acenaphthene
Concen: 10.187 ng m
RT: 14.640 min Scan# 1981
Delta R.T. -0.011 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

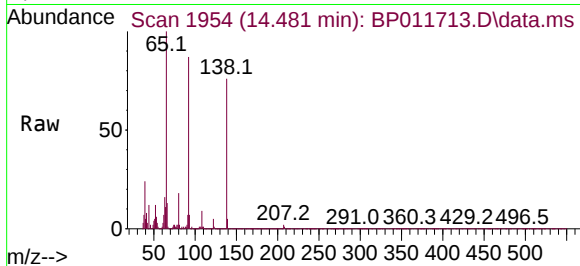
Tgt Ion:154 Resp: 609476
Ion Ratio Lower Upper
154 100
153 114.0 87.4 131.2
152 55.4 41.7 62.5





#53
3-Nitroaniline
Concen: 8.460 ng
RT: 14.481 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

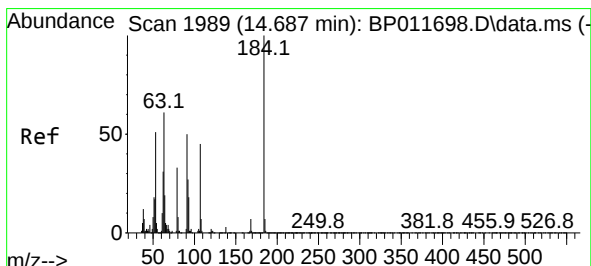
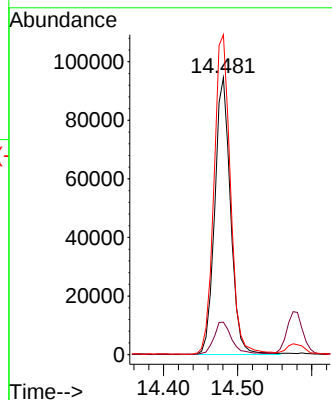
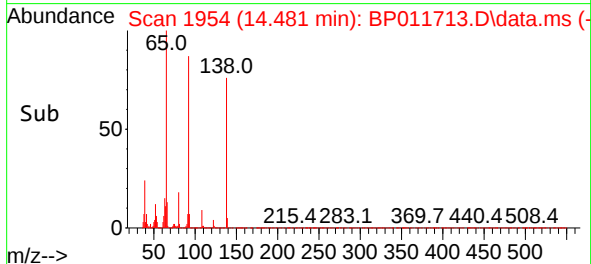
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:138 Resp: 140162
Ion Ratio Lower Upper
138 100
108 11.7 9.5 14.3
92 115.6 99.9 149.9

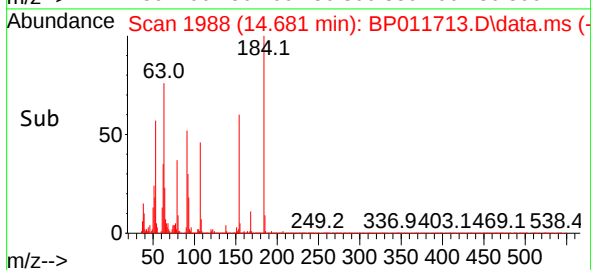
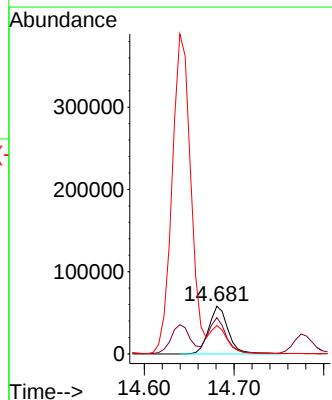
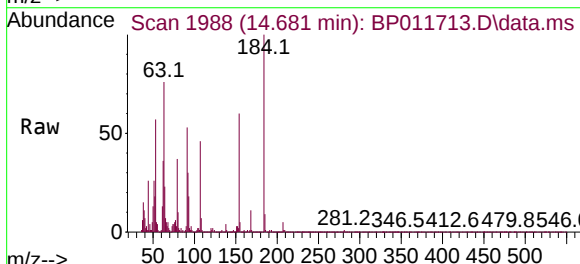
Manual Integrations
APPROVED

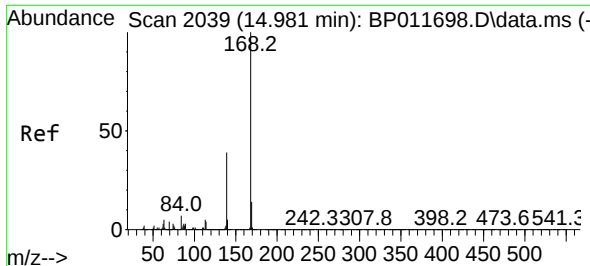
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#54
2,4-Dinitrophenol
Concen: 12.305 ng
RT: 14.681 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:184 Resp: 86117
Ion Ratio Lower Upper
184 100
63 76.3 65.4 98.2
154 59.6 55.4 83.2





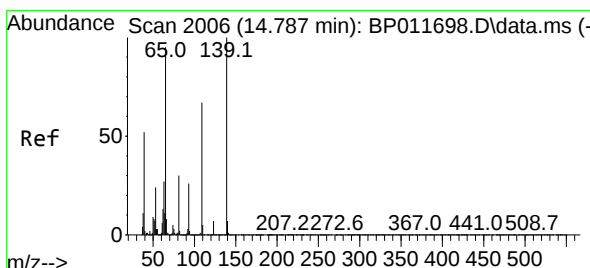
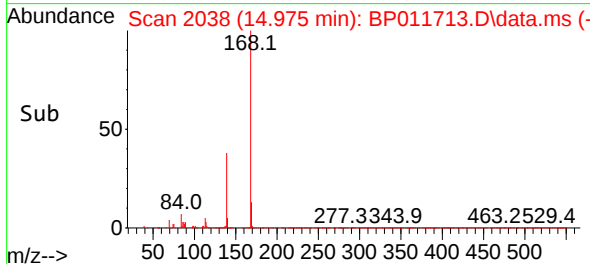
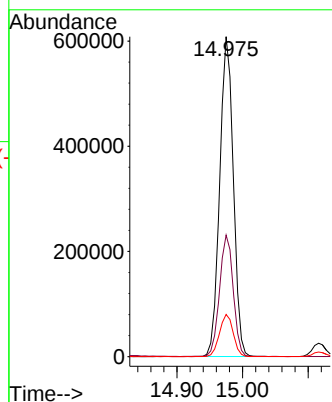
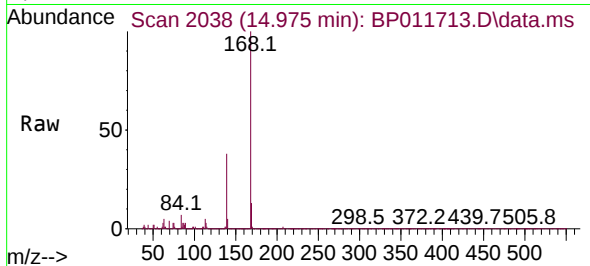
#55
Dibenzenofuran
Concen: 10.213 ng
RT: 14.975 min Scan# 2038
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:168 Resp: 879906
Ion Ratio Lower Upper
168 100
139 38.0 31.5 47.3
169 13.2 10.3 15.5

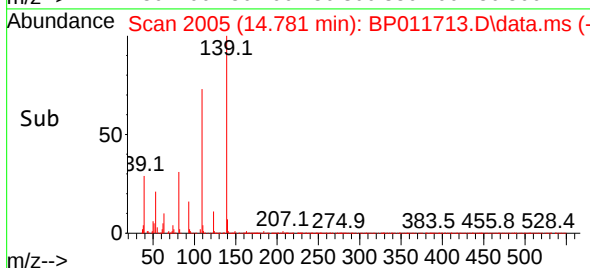
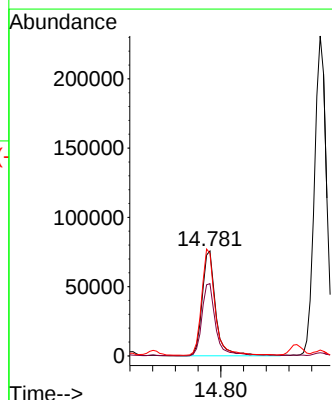
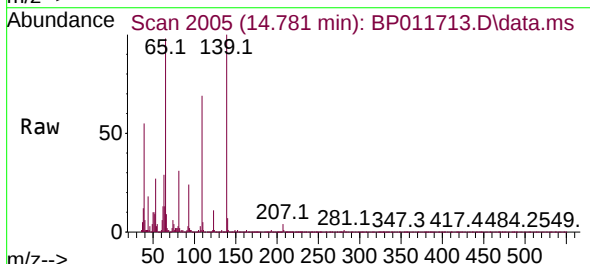
Manual Integrations
APPROVED

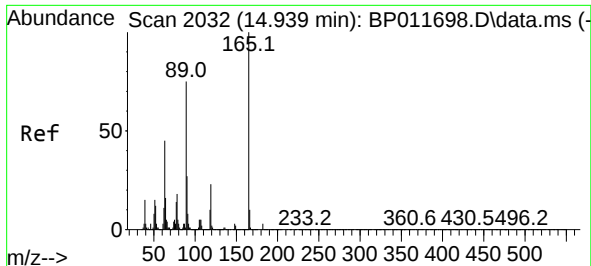
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#56
4-Nitrophenol
Concen: 8.892 ng
RT: 14.781 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:139 Resp: 124124
Ion Ratio Lower Upper
139 100
109 68.9 70.6 110.6#
65 97.9 106.6 146.6#





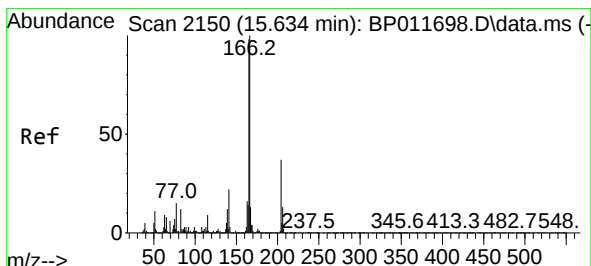
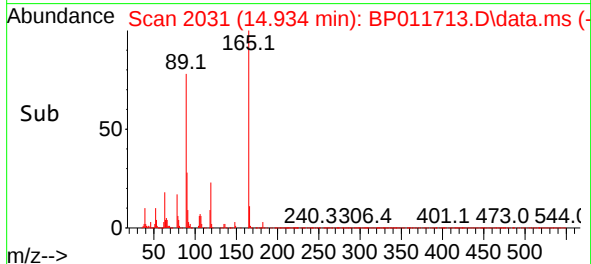
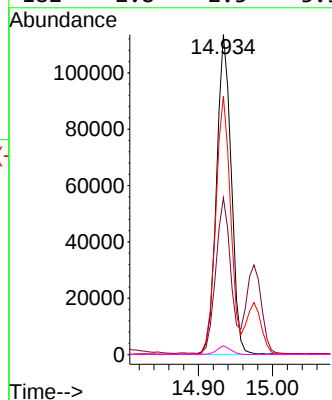
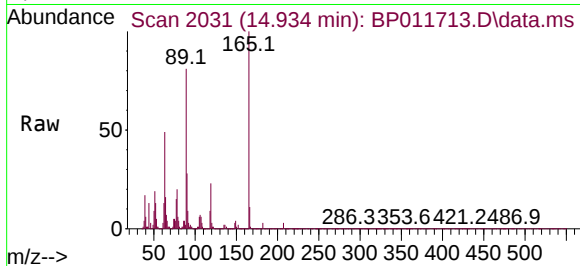
#57
2,4-Dinitrotoluene
Concen: 8.376 ng
RT: 14.934 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:165 Resp: 155876
Ion Ratio Lower Upper
165 100
63 49.0 46.2 69.2
89 80.8 65.8 98.8
182 2.8 2.3 3.5

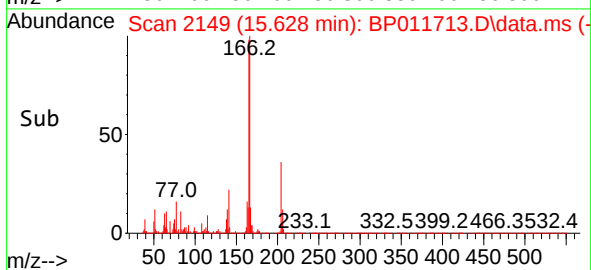
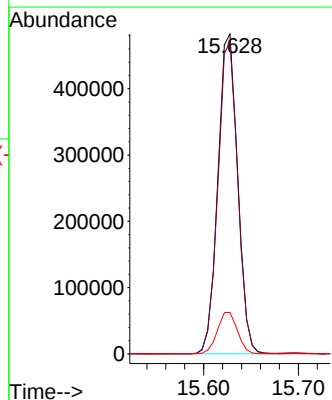
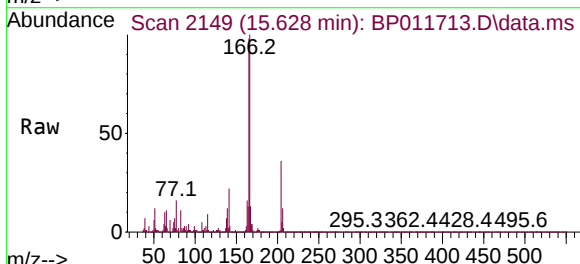
Manual Integrations
APPROVED

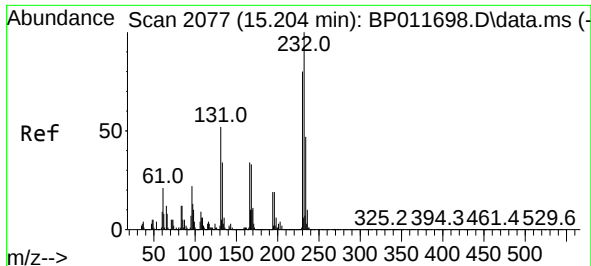
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#58
Fluorene
Concen: 10.011 ng
RT: 15.628 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:166 Resp: 699527
Ion Ratio Lower Upper
166 100
165 97.5 77.0 115.4
167 13.0 10.9 16.3





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.514 ng

RT: 15.198 min Scan# 2077

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:232 Resp: 142588

Ion Ratio Lower Upper

232 100

131 54.5 37.0 55.6

130 2.8 2.2 3.2

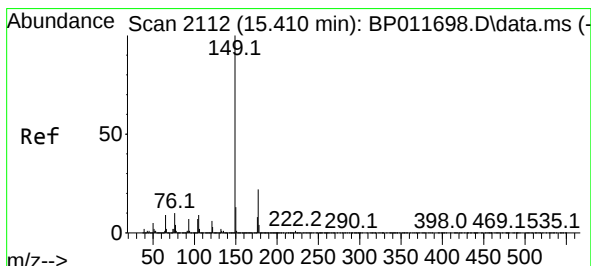
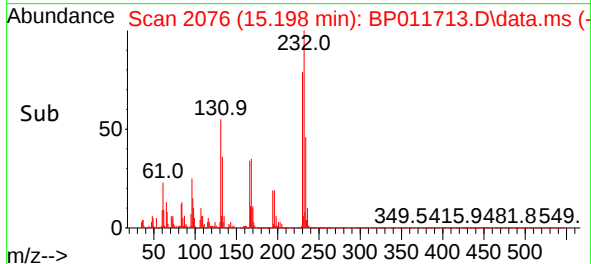
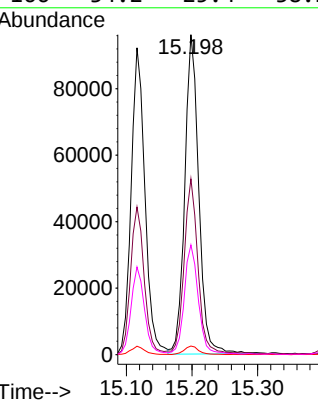
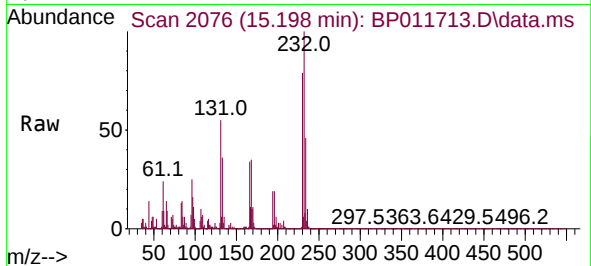
166 34.2 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#60

Diethylphthalate

Concen: 9.611 ng

RT: 15.398 min Scan# 2110

Delta R.T. -0.012 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

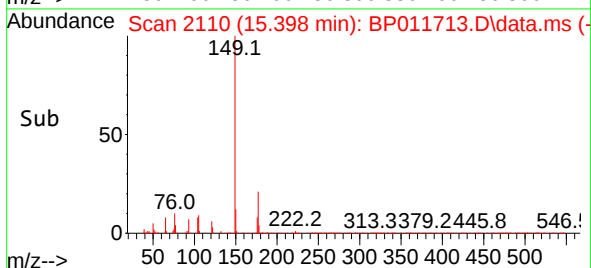
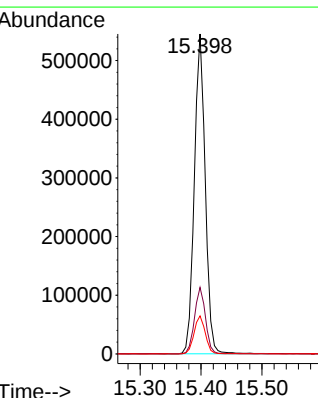
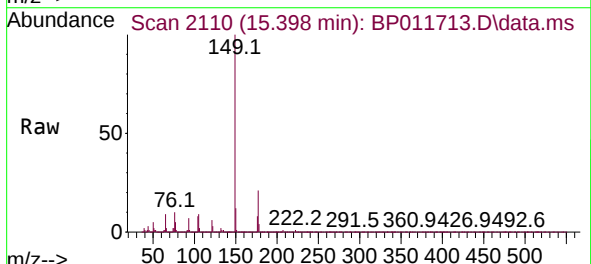
Tgt Ion:149 Resp: 677899

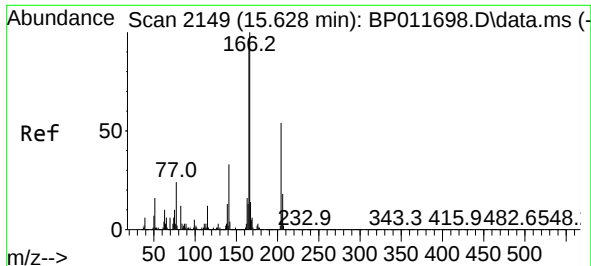
Ion Ratio Lower Upper

149 100

177 20.8 17.8 26.8

150 11.9 9.9 14.9





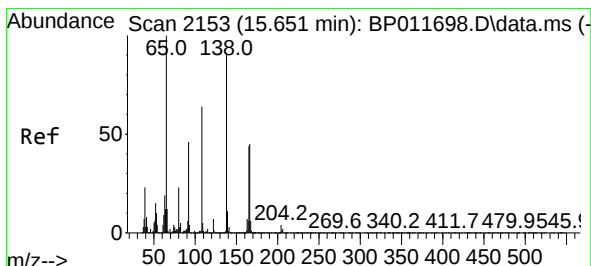
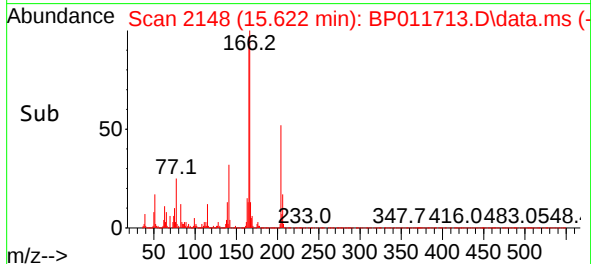
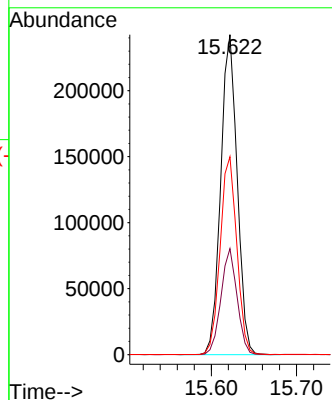
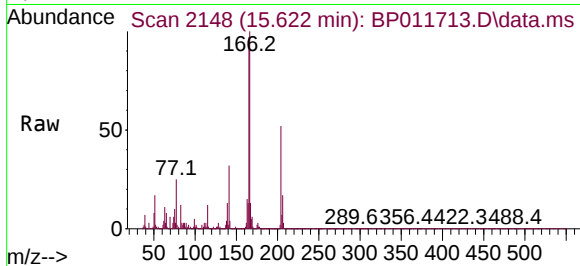
#61
4-Chlorophenyl-phenylether
Concen: 10.069 ng
RT: 15.622 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 204 Resp: 325256
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 61.8 51.1 76.7

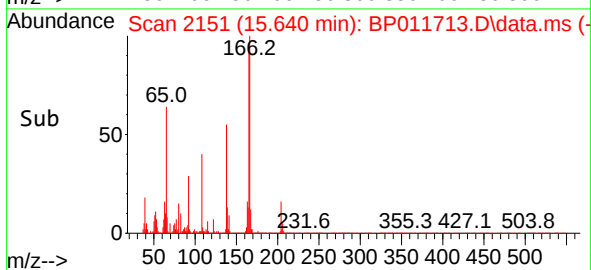
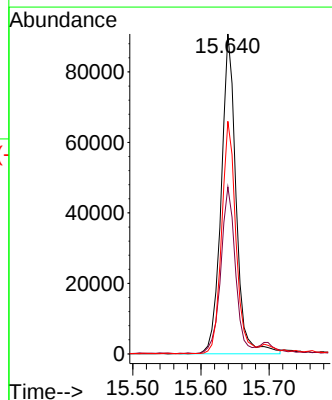
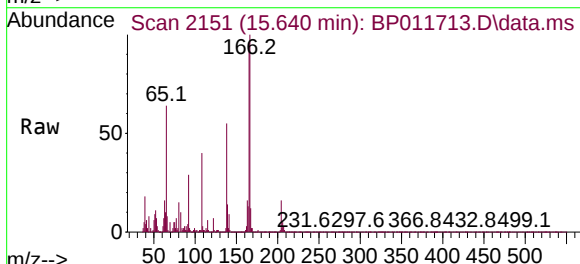
Manual Integrations
APPROVED

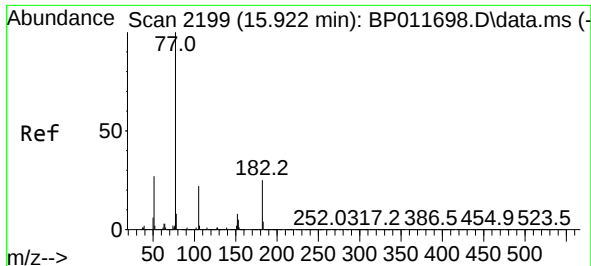
Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022



#62
4-Nitroaniline
Concen: 8.204 ng
RT: 15.640 min Scan# 2151
Delta R.T. -0.011 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

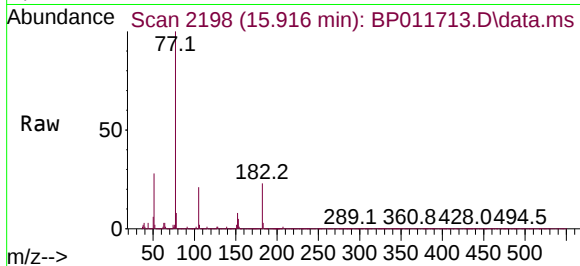
Tgt Ion: 138 Resp: 136625
Ion Ratio Lower Upper
138 100
92 52.2 38.0 78.0
108 72.7 77.6 117.6#





#63
Azobenzene
Concen: 9.766 ng
RT: 15.916 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

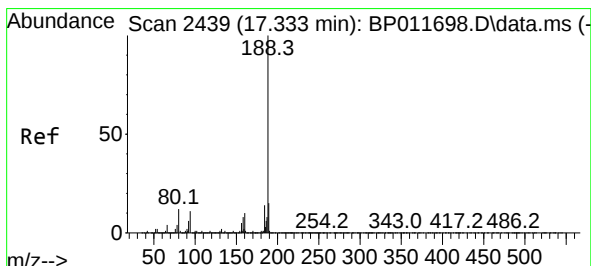
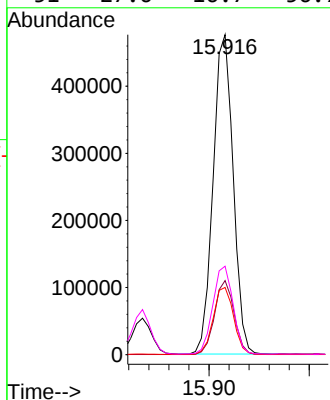
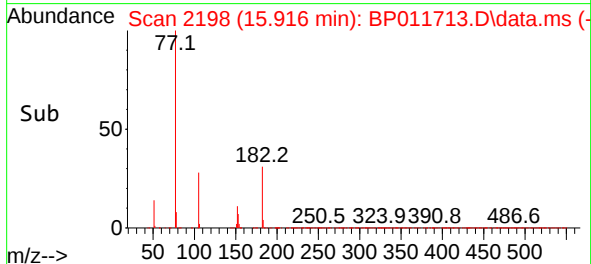
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion: 77 Resp: 661943
Ion Ratio Lower Upper
77 100
182 23.1 3.0 43.0
105 21.0 0.0 38.6
51 27.6 16.7 56.7

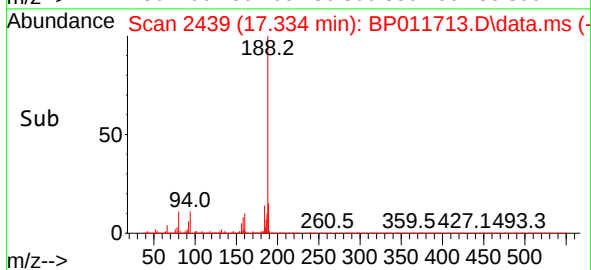
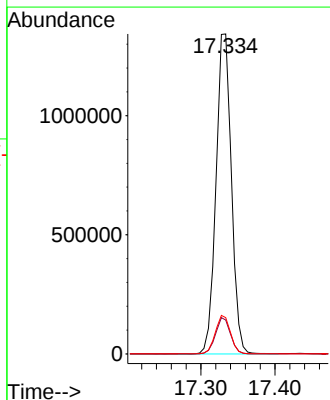
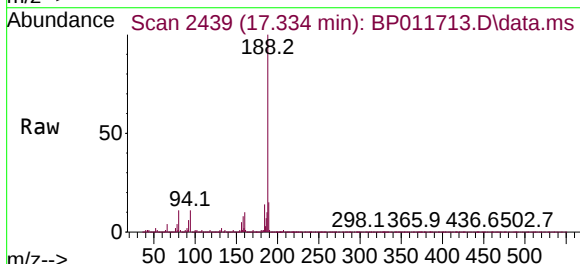
Manual Integrations
APPROVED

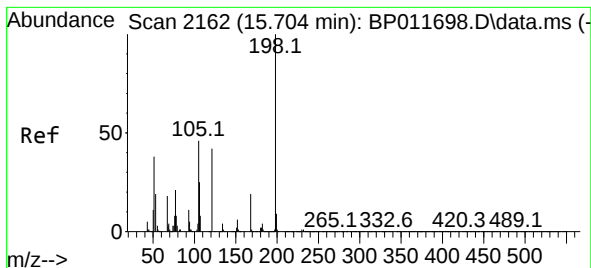
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.334 min Scan# 2439
Delta R.T. 0.001 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:188 Resp: 1935468
Ion Ratio Lower Upper
188 100
94 10.6 6.6 10.0#
80 11.3 8.0 12.0





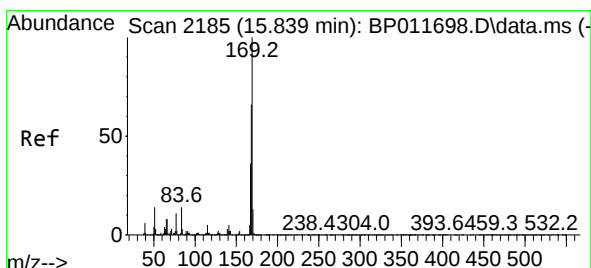
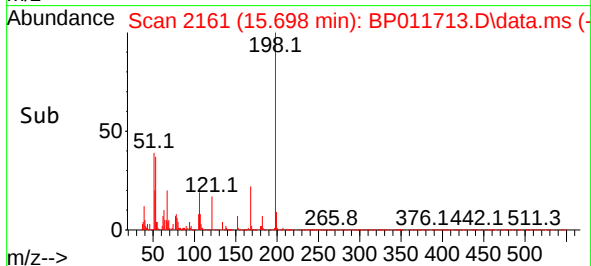
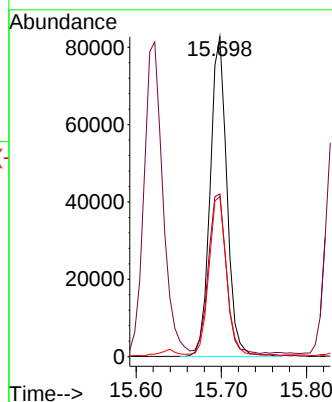
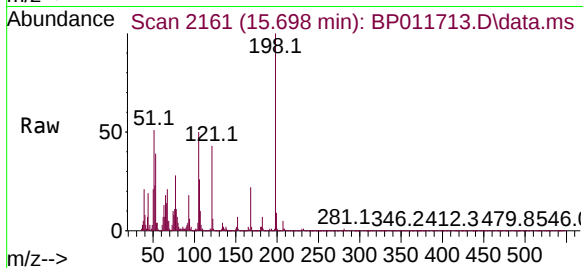
#65
4,6-Dinitro-2-methylphenol
Concen: 11.924 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:198 Resp: 112866
Ion Ratio Lower Upper
198 100
51 50.8 41.2 81.2
105 50.0 25.3 65.3

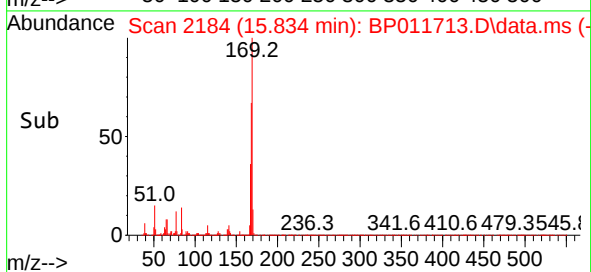
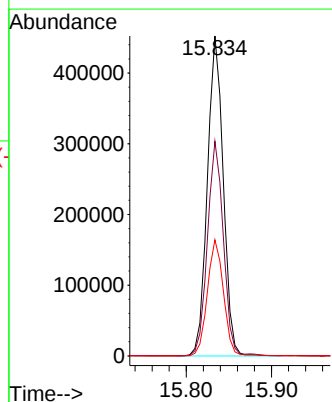
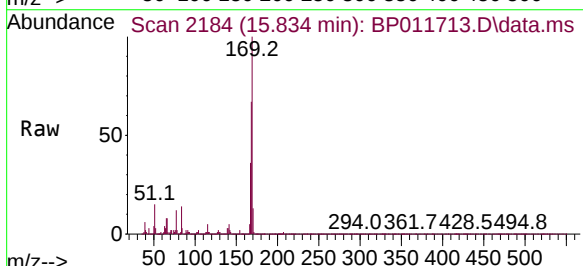
Manual Integrations
APPROVED

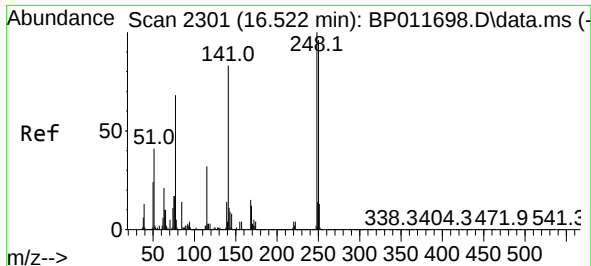
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#66
n-Nitrosodiphenylamine
Concen: 10.161 ng
RT: 15.834 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

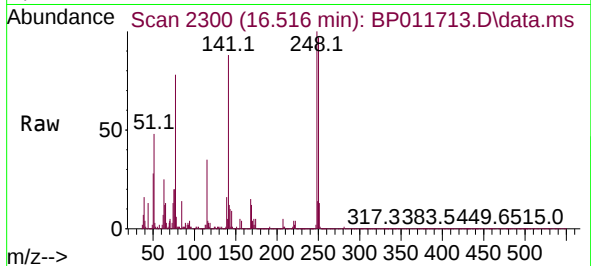
Tgt Ion:169 Resp: 585128
Ion Ratio Lower Upper
169 100
168 67.1 51.8 77.8
167 36.3 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 9.426 ng
RT: 16.516 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

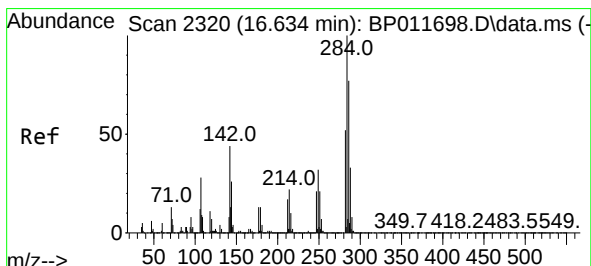
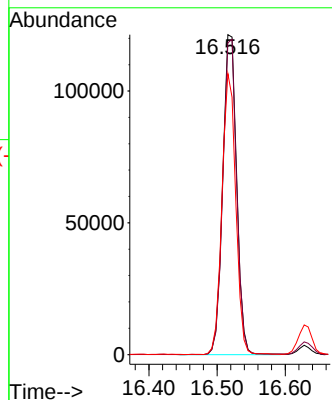
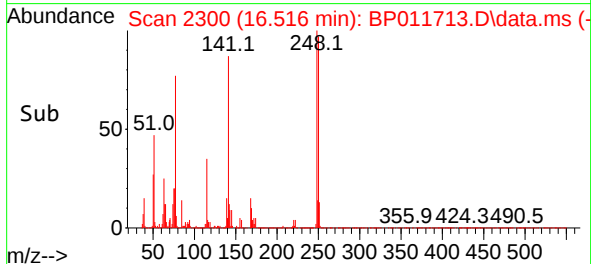
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:248 Resp: 170781
Ion Ratio Lower Upper
248 100
250 97.4 77.7 116.5
141 87.8 62.0 93.0

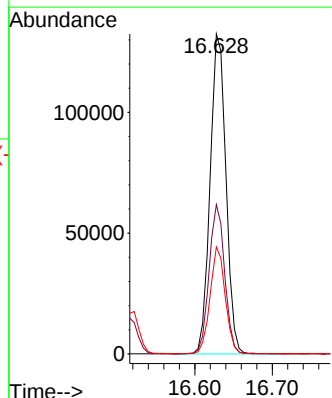
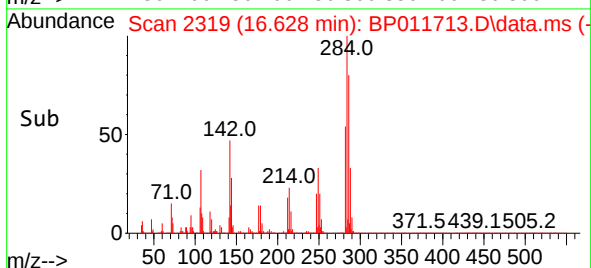
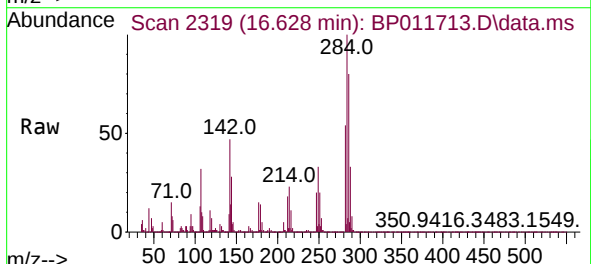
Manual Integrations
APPROVED

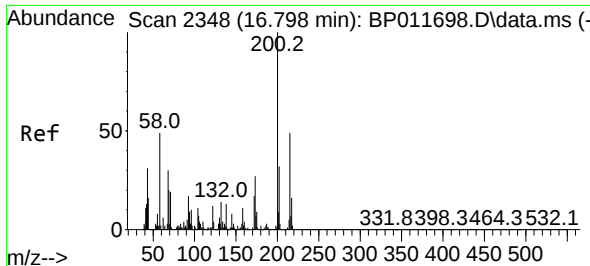
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#68
Hexachlorobenzene
Concen: 9.621 ng
RT: 16.628 min Scan# 2319
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

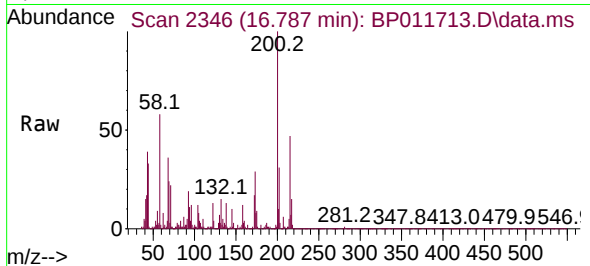
Tgt Ion:284 Resp: 187740
Ion Ratio Lower Upper
284 100
142 46.6 30.8 46.2#
249 33.4 26.8 40.2





#69
Atrazine
Concen: 9.800 ng
RT: 16.787 min Scan# 2348
Delta R.T. -0.012 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

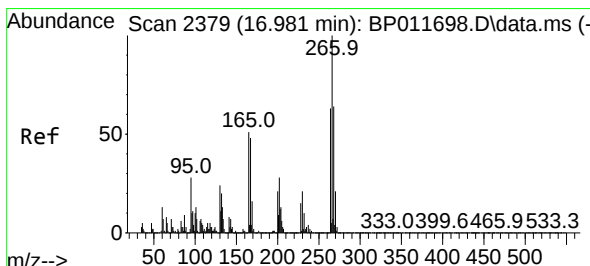
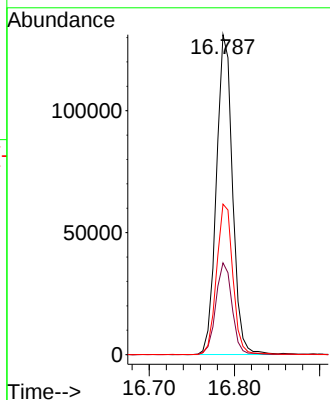
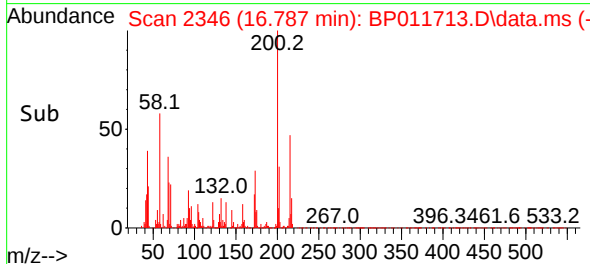
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:200 Resp: 172270
Ion Ratio Lower Upper
200 100
173 28.7 5.3 45.3
215 47.0 29.4 69.4

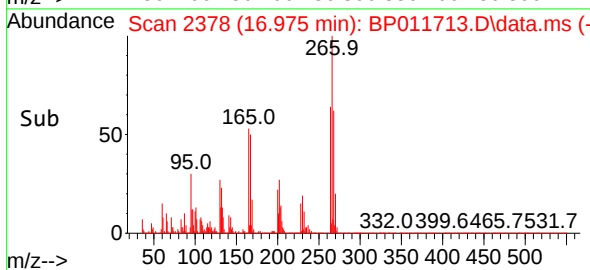
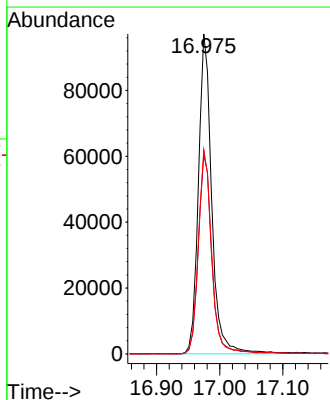
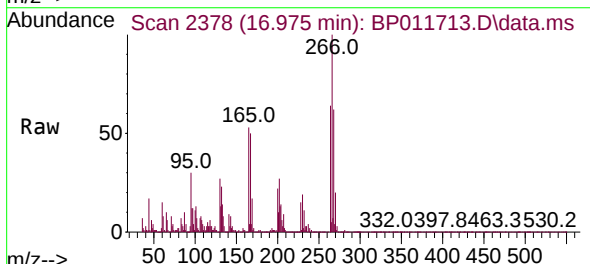
Manual Integrations
APPROVED

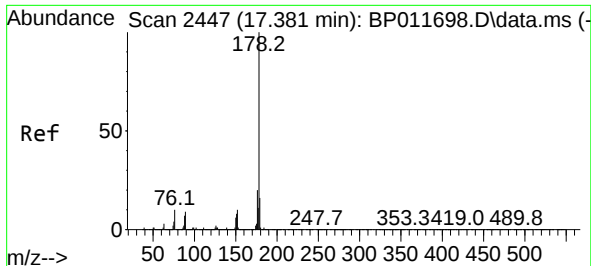
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#70
Pentachlorophenol
Concen: 11.490 ng
RT: 16.975 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

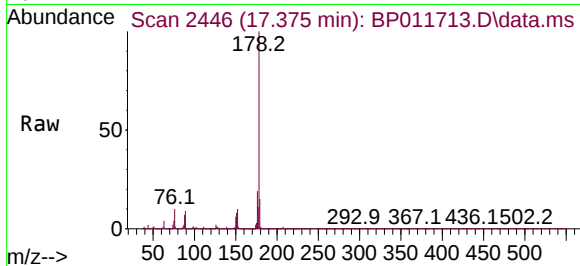
Tgt Ion:266 Resp: 142232
Ion Ratio Lower Upper
266 100
268 62.3 50.5 75.7
264 63.8 50.4 75.6





#71
Phenanthrene
Concen: 9.927 ng
RT: 17.375 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

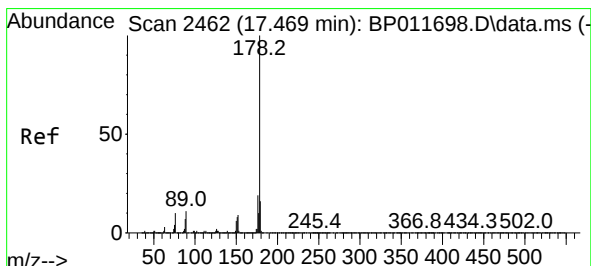
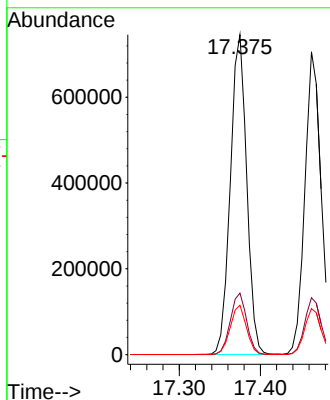
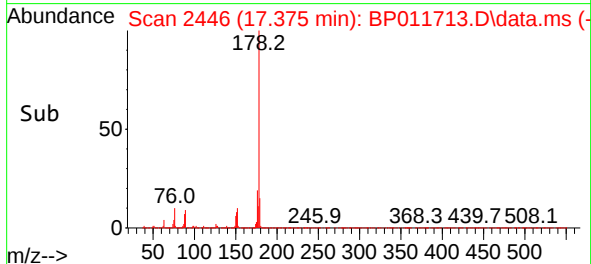
Instrument : BNA_P
ClientSampleId : LOQ-WATER-02-QT3-2022



Tgt Ion:178 Resp: 1045402
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.4 12.2 18.2

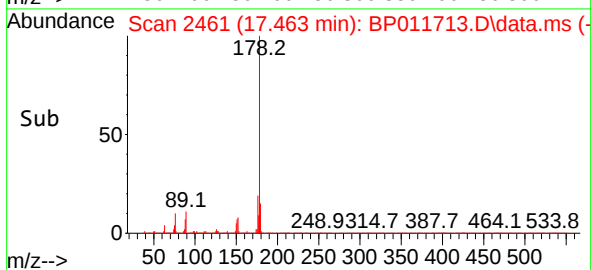
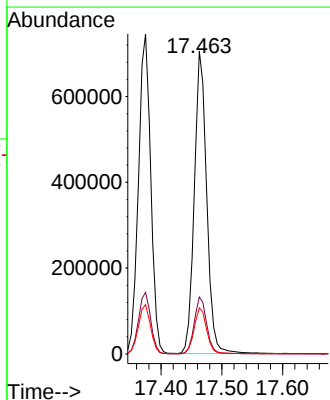
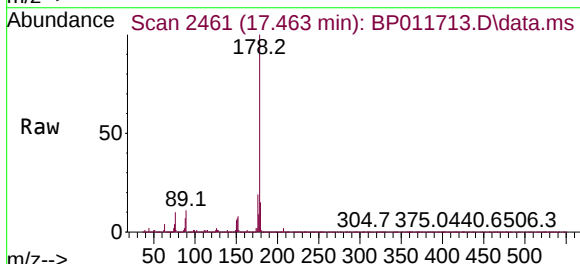
Manual Integrations
APPROVED

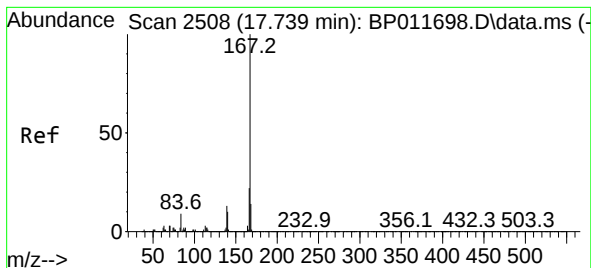
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#72
Anthracene
Concen: 10.011 ng
RT: 17.463 min Scan# 2461
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:178 Resp: 997141
Ion Ratio Lower Upper
178 100
176 18.8 14.5 21.7
179 15.2 12.2 18.4





#73

Carbazole

Concen: 10.024 ng

RT: 17.734 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

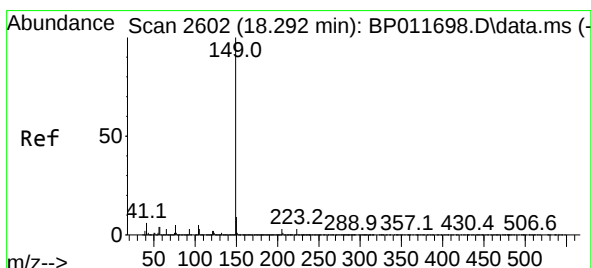
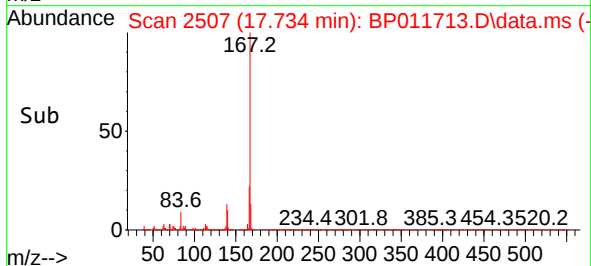
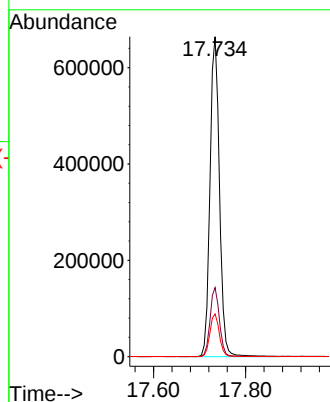
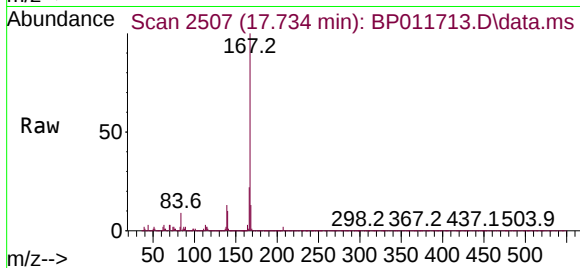
Tgt Ion:	167	Resp:	941920
Ion Ratio	Lower	Upper	
167	100		
166	21.6	16.9	25.3
139	13.3	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#74

Di-n-butylphthalate

Concen: 8.759 ng

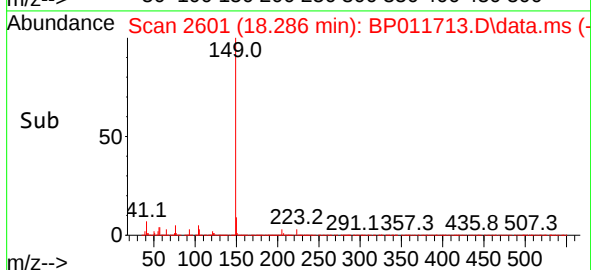
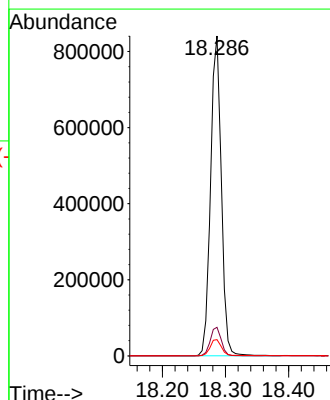
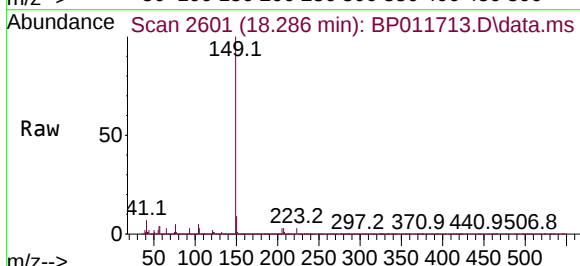
RT: 18.286 min Scan# 2601

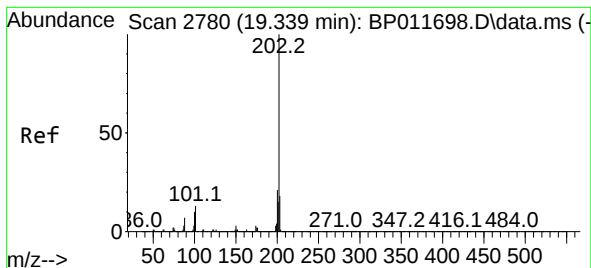
Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Tgt Ion:	149	Resp:	991996
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.5	11.3
104	5.1	4.8	7.2





#75

Fluoranthene

Concen: 9.398 ng

RT: 19.333 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:202 Resp: 106746

Ion Ratio Lower Upper

202 100

101 13.4 0.0 29.6

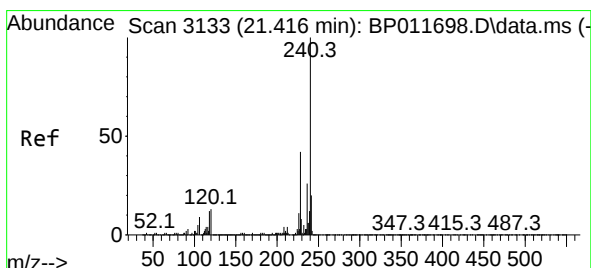
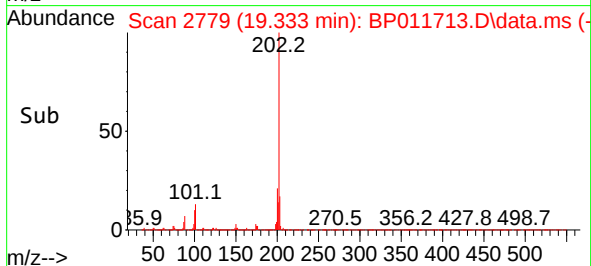
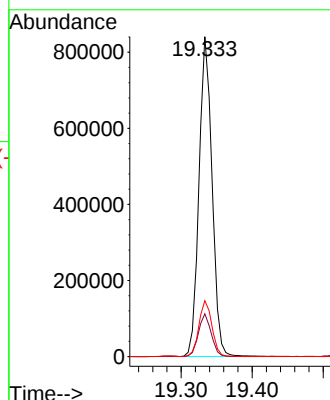
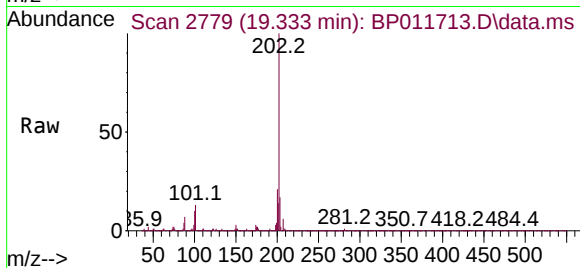
203 17.5 0.0 36.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.410 min Scan# 3132

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

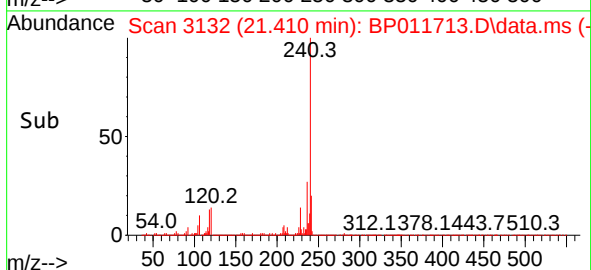
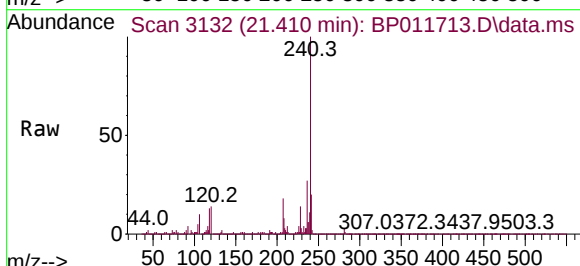
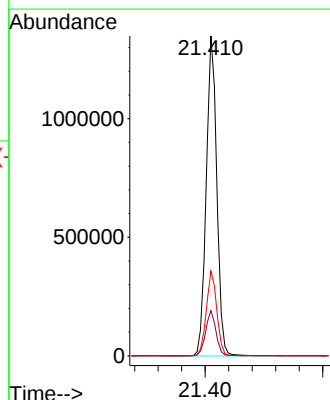
Tgt Ion:240 Resp: 1684549

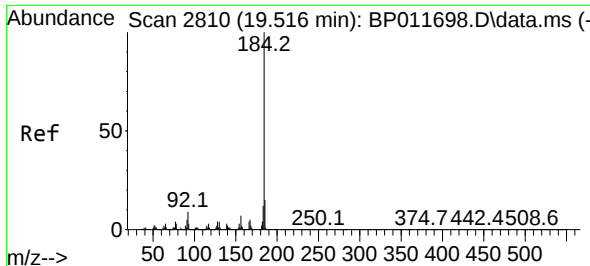
Ion Ratio Lower Upper

240 100

120 14.1 8.6 12.8

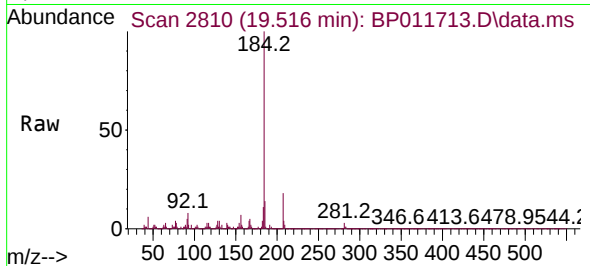
236 26.6 19.8 29.6





#77
Benzidine
Concen: 11.410 ng
RT: 19.516 min Scan# 2810
Delta R.T. -0.000 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

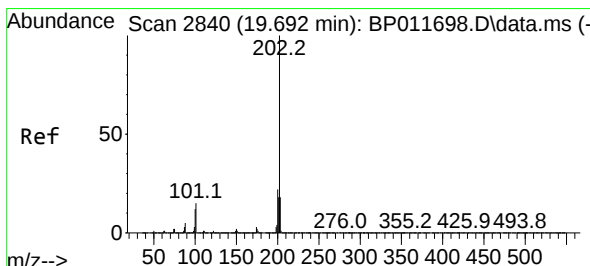
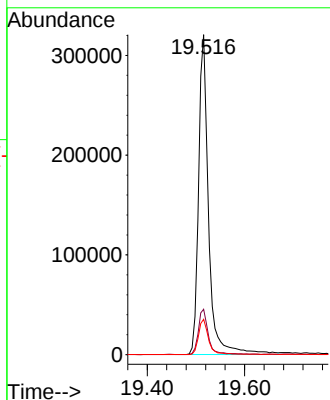
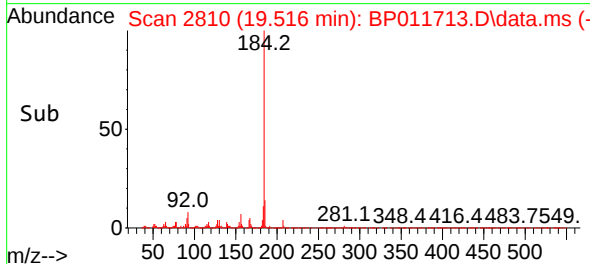
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:184 Resp: 457093
Ion Ratio Lower Upper
184 100
185 14.2 10.7 16.1
183 11.0 9.0 13.6

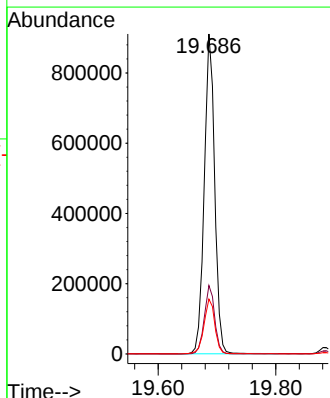
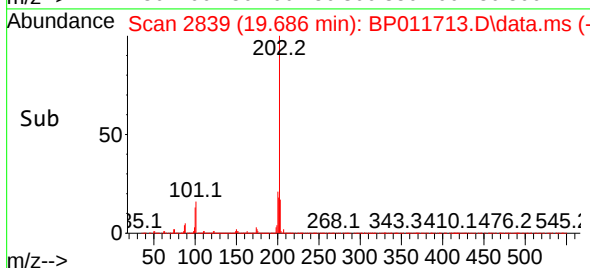
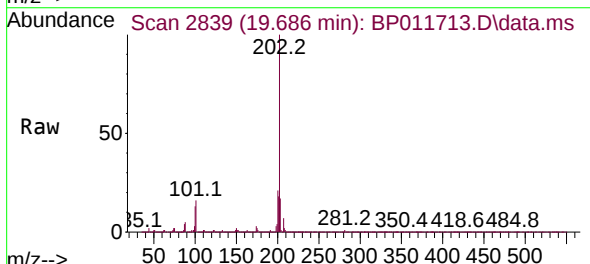
Manual Integrations
APPROVED

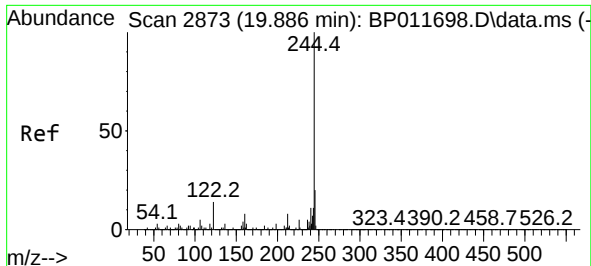
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#78
Pyrene
Concen: 9.879 ng
RT: 19.686 min Scan# 2839
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

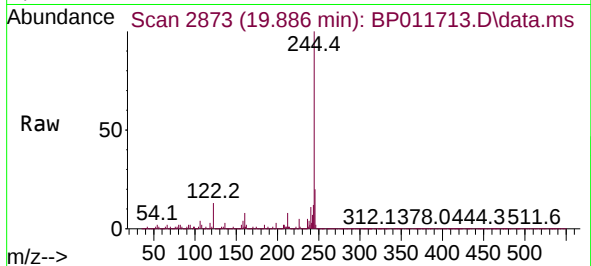
Tgt Ion:202 Resp: 1122419
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.1 14.2 21.4





#79
Terphenyl-d14
Concen: 76.549 ng
RT: 19.886 min Scan# 2873
Delta R.T. 0.000 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

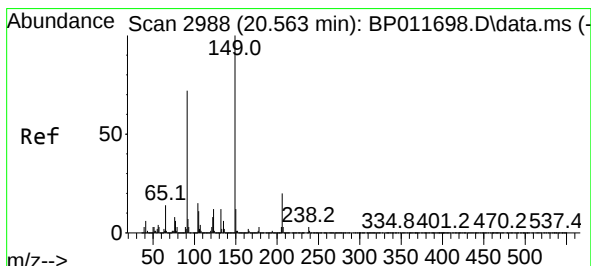
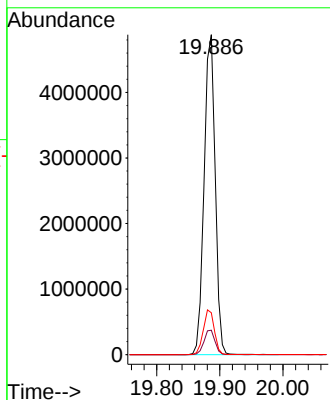
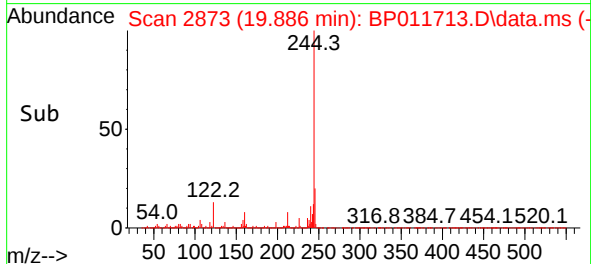
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



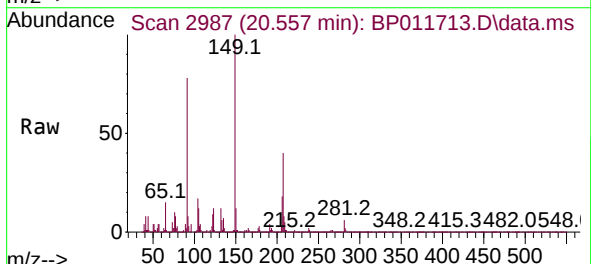
Tgt Ion:244 Resp: 5929920
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 13.1 7.6 11.4

Manual Integrations
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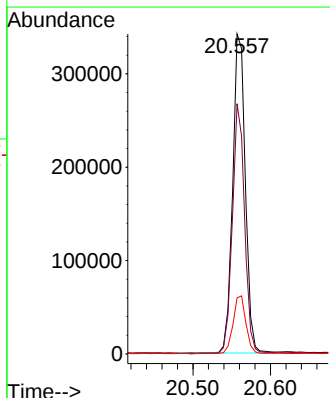
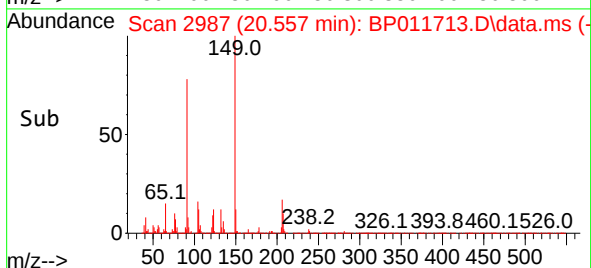
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022

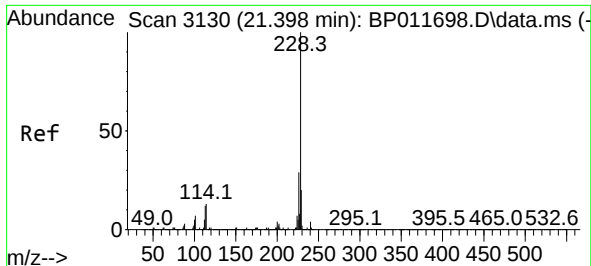


#80
Butylbenzylphthalate
Concen: 8.180 ng
RT: 20.557 min Scan# 2987
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45



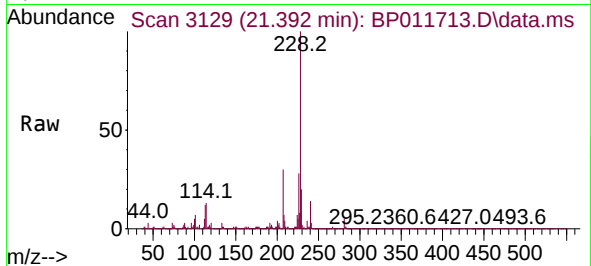
Tgt Ion:149 Resp: 389455
Ion Ratio Lower Upper
149 100
91 78.2 62.5 93.7
206 17.5 17.0 25.4





#81
Benzo(a)anthracene
Concen: 9.632 ng
RT: 21.392 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

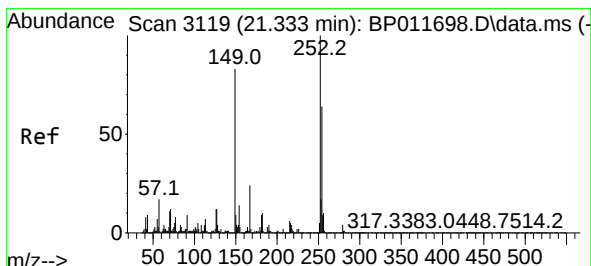
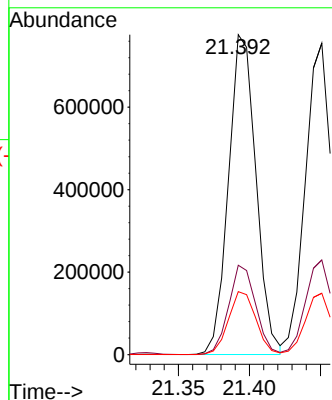
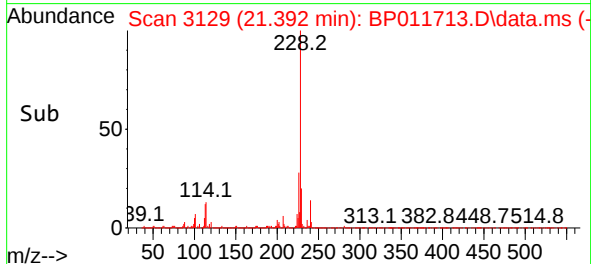
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022



Tgt Ion:228 Resp: 1045835
Ion Ratio Lower Upper
228 100
226 27.9 20.8 31.2
229 19.7 15.2 22.8

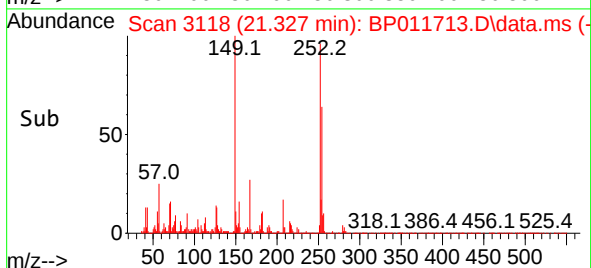
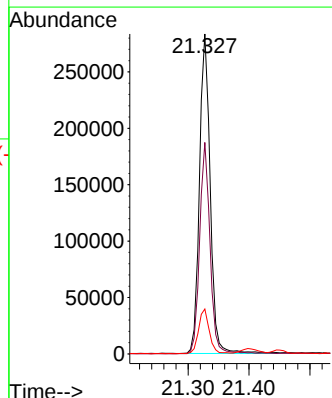
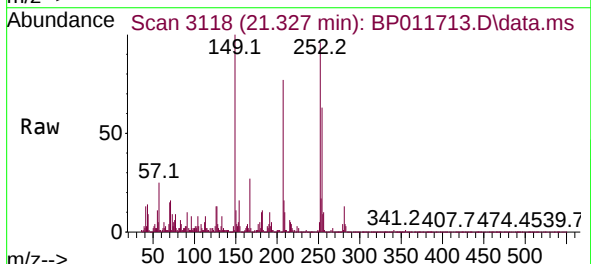
Manual Integrations
APPROVED

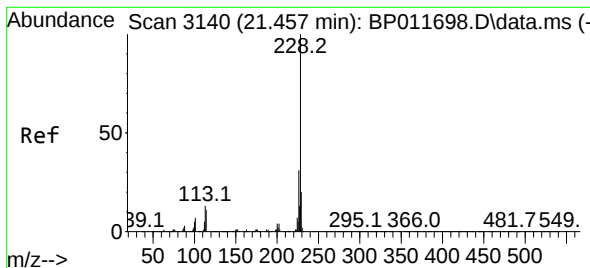
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#82
3,3'-Dichlorobenzidine
Concen: 10.558 ng
RT: 21.327 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:252 Resp: 348190
Ion Ratio Lower Upper
252 100
254 66.1 51.1 76.7
126 14.0 8.4 12.6





#83

Chrysene

Concen: 9.636 ng

RT: 21.451 min Scan# 3140

Delta R.T. -0.006 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

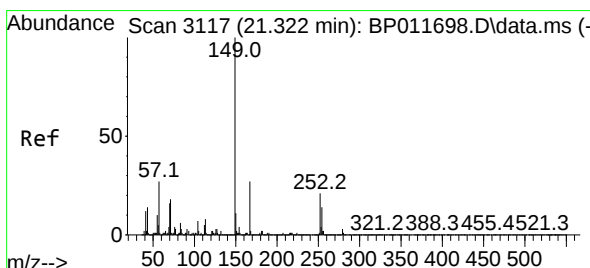
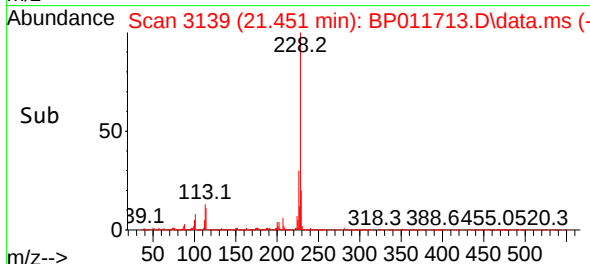
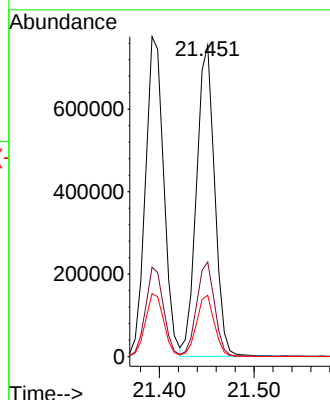
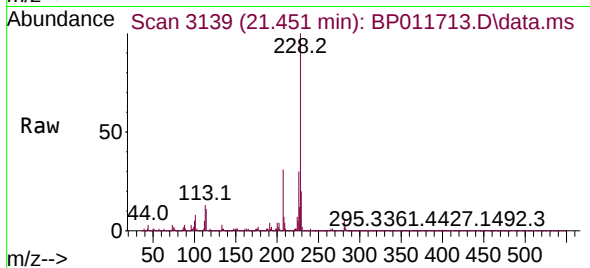
Tgt Ion:228	Resp: 999643
Ion Ratio	Lower Upper
228 100	
226 30.4	23.4 35.2
229 19.7	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.338 ng

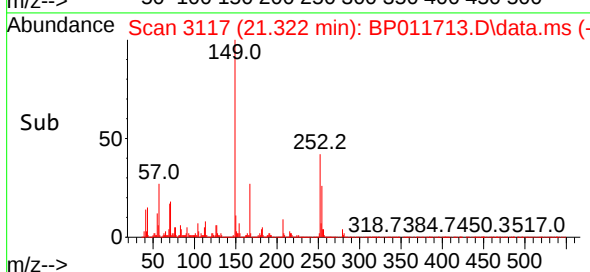
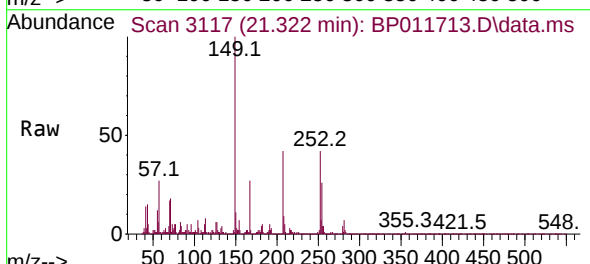
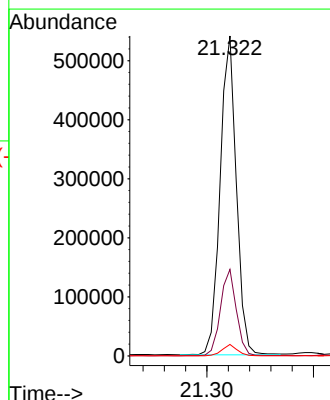
RT: 21.322 min Scan# 3117

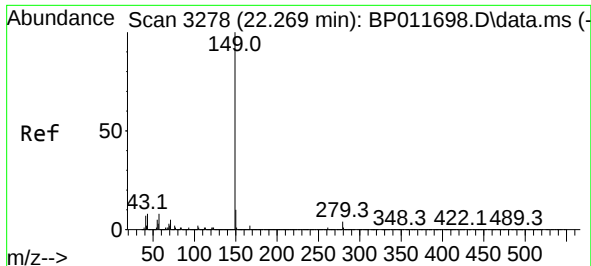
Delta R.T. 0.000 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Tgt Ion:149	Resp: 571109
Ion Ratio	Lower Upper
149 100	
167 27.0	21.8 32.8
279 3.6	3.7 5.5#





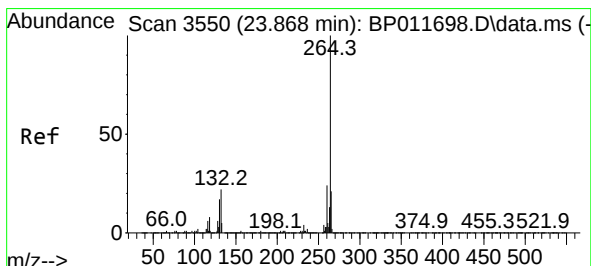
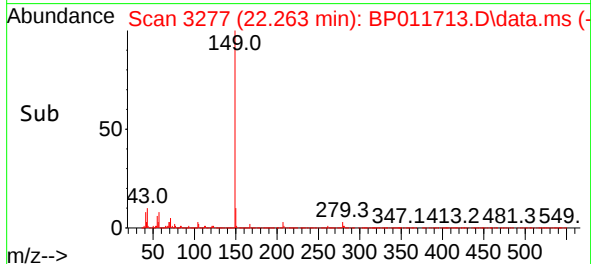
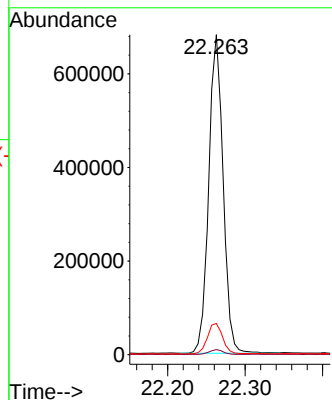
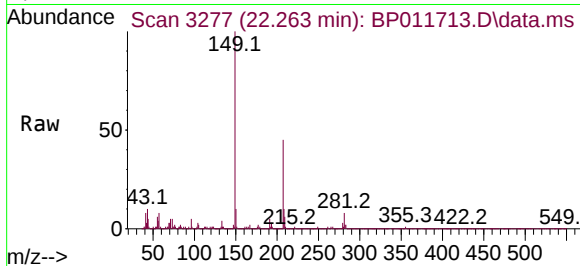
#85
Di-n-octyl phthalate
Concen: 7.471 ng
RT: 22.263 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:149 Resp: 878089
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.3 10.0 15.0

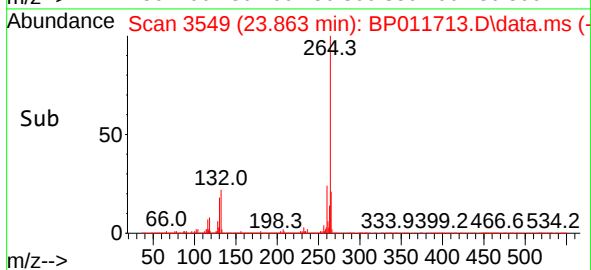
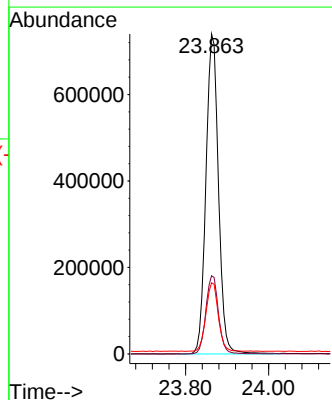
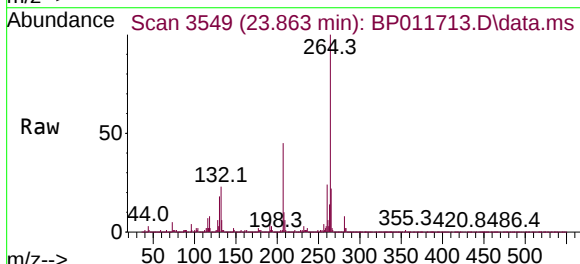
Manual Integrations
APPROVED

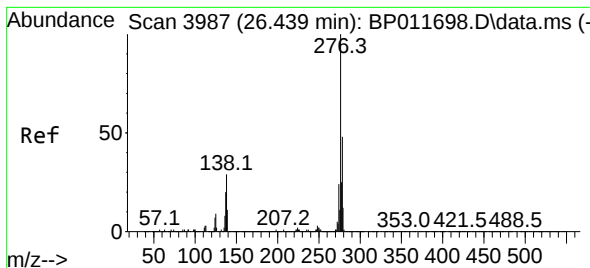
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.863 min Scan# 3549
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:264 Resp: 1547250
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 22.2 18.0 27.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.124 ng

RT: 26.421 min Scan# 3987

Delta R.T. -0.018 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT3-2022

Tgt Ion:276 Resp: 1017023

Ion Ratio Lower Upper

276 100

138 32.8 17.5 26.3

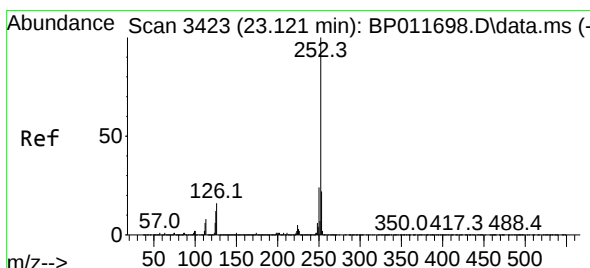
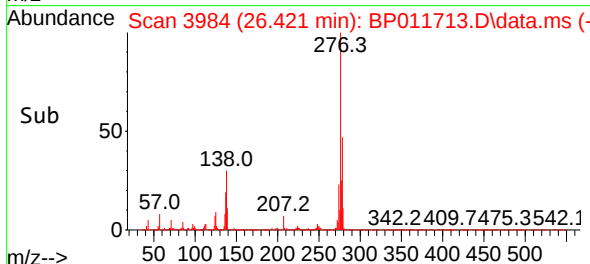
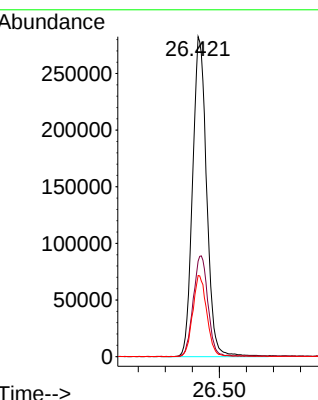
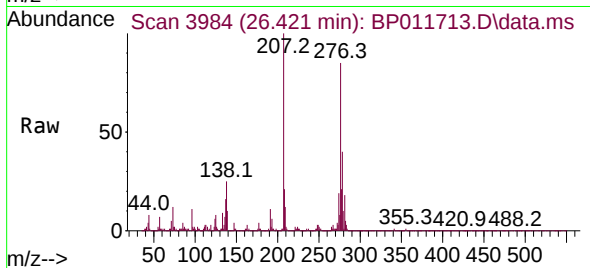
277 25.4 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/16/2022

Supervised By :Jagrut Upadhyay 09/16/2022



#88

Benzo(b)fluoranthene

Concen: 10.423 ng

RT: 23.110 min Scan# 3421

Delta R.T. -0.012 min

Lab File: BP011713.D

Acq: 15 Sep 2022 18:45

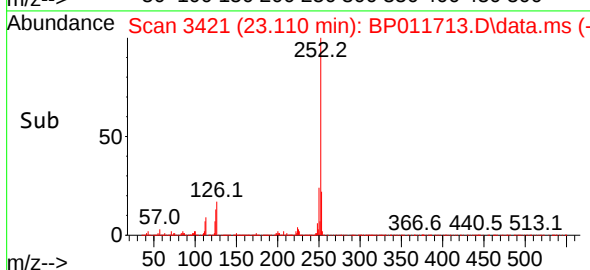
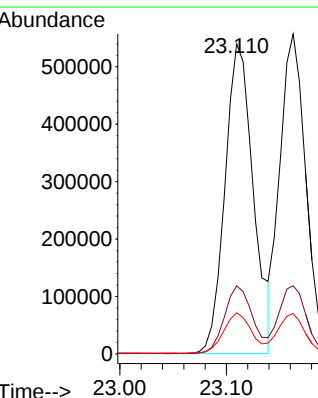
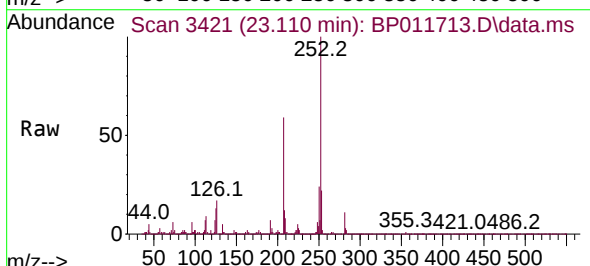
Tgt Ion:252 Resp: 997406

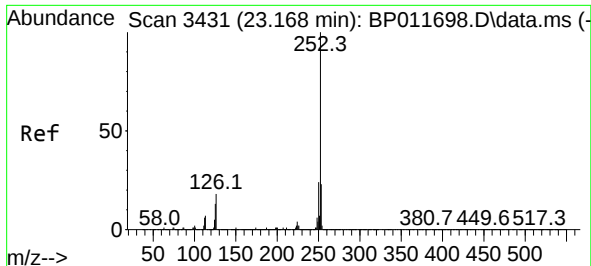
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 13.2 7.0 10.6





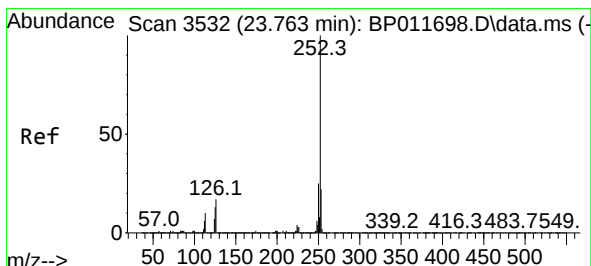
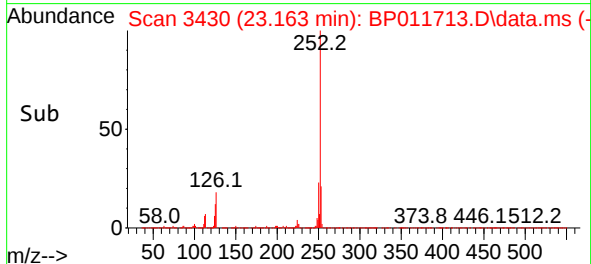
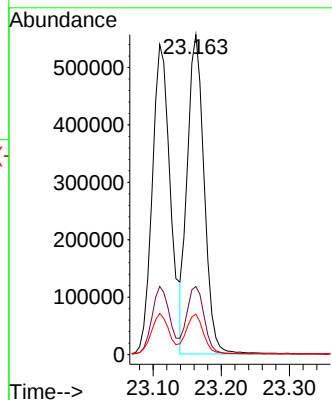
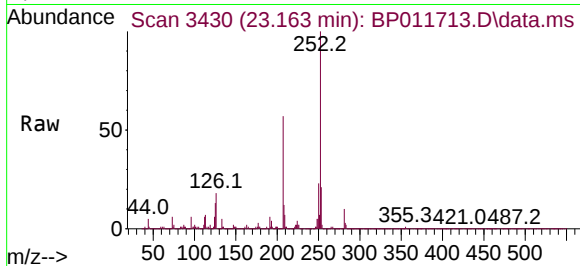
#89
Benzo(k)fluoranthene
Concen: 9.897 ng
RT: 23.163 min Scan# 3431
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion:252 Resp: 954370
Ion Ratio Lower Upper
252 100
253 21.3 17.2 25.8
125 12.6 7.0 10.4

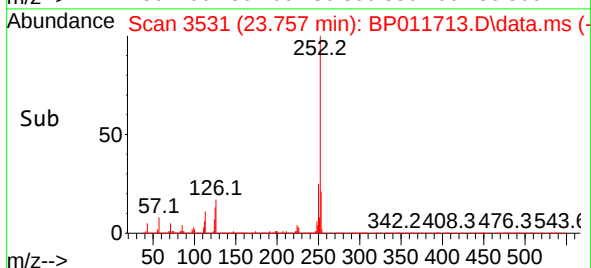
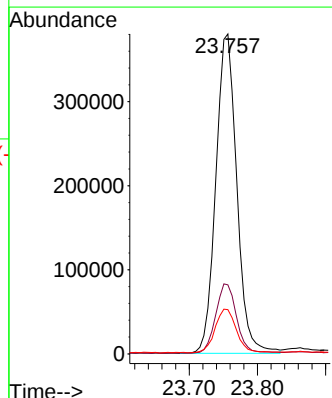
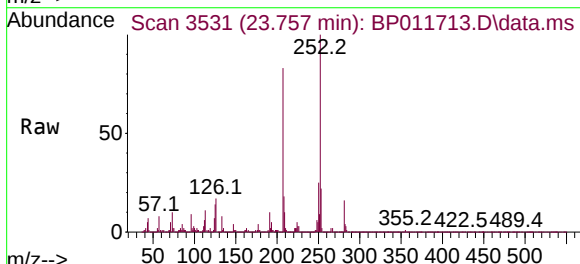
Manual Integrations
APPROVED

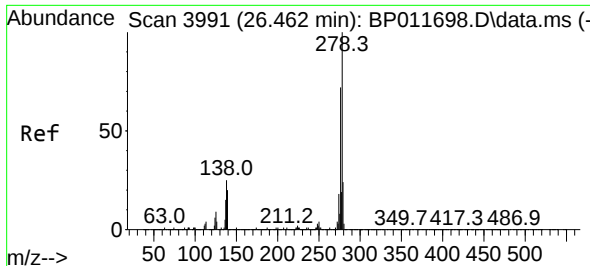
Reviewed By :Christian Giraldo 09/16/2022
Supervised By :Jagrut Upadhyay 09/16/2022



#90
Benzo(a)pyrene
Concen: 10.220 ng
RT: 23.757 min Scan# 3531
Delta R.T. -0.006 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion:252 Resp: 807942
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 13.8 7.9 11.9





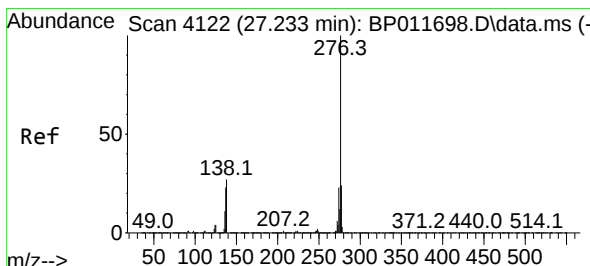
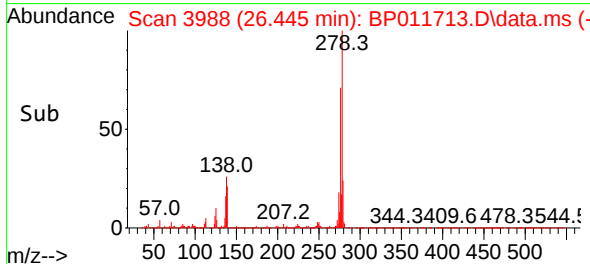
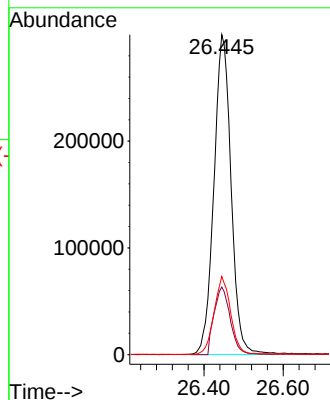
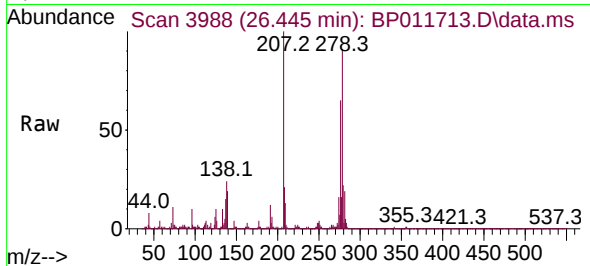
#91
Dibenzo(a,h)anthracene
Concen: 9.747 ng
RT: 26.445 min Scan# 3991
Delta R.T. -0.018 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT3-2022

Tgt Ion: 278 Resp: 902217
Ion Ratio Lower Upper
278 100
139 21.1 11.4 17.0
279 24.4 19.2 28.8

Manual Integrations
APPROVED

Reviewed By : Christian Giraldo 09/16/2022
Supervised By : Jagrut Upadhyay 09/16/2022



#92
Benzo(g,h,i)perylene
Concen: 9.562 ng
RT: 27.215 min Scan# 4119
Delta R.T. -0.018 min
Lab File: BP011713.D
Acq: 15 Sep 2022 18:45

Tgt Ion: 276 Resp: 862864
Ion Ratio Lower Upper
276 100
277 23.0 18.7 28.1
138 28.6 15.2 22.8

