

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
 Data File : BP013100.D
 Acq On : 13 Dec 2022 17:01
 Operator : CG/JU
 Sample : N4955-08
 Misc : LOQ-WATER-10ppm
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022

Quant Time: Dec 14 04:59:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 04:56:58 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	579061	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	2339715	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	1420960	20.000	ng	0.00
64) Phenanthrene-d10	17.369	188	2659432	20.000	ng	0.01
76) Chrysene-d12	21.457	240	2193481	20.000	ng	0.01
86) Perylene-d12	23.945	264	2325564	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.511	112	2467400	77.855	ng	0.00
7) Phenol-d6	7.122	99	3184229	76.936	ng	0.00
23) Nitrobenzene-d5	9.134	82	2285455	53.551	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	1265713	73.879	ng	0.00
45) 2-Fluorobiphenyl	13.234	172	5570489	53.228	ng	0.00
79) Terphenyl-d14	19.916	244	6235278	56.082	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	106951	7.616	ng	99
3) Pyridine	3.799	79	309216	7.754	ng	97
4) n-Nitrosodimethylamine	3.705	42	154167	8.626	ng	# 97
6) Aniline	7.287	93	479368	9.565	ng	97
8) 2-Chlorophenol	7.522	128	319950	8.564	ng	97
9) Benzaldehyde	7.099	77	296513m	11.940	ng	
10) Phenol	7.146	94	396367	8.556	ng	94
11) bis(2-Chloroethyl)ether	7.387	93	324978	8.713	ng	99
12) 1,3-Dichlorobenzene	7.852	146	375722	8.643	ng	98
13) 1,4-Dichlorobenzene	7.999	146	380987	8.606	ng	100
14) 1,2-Dichlorobenzene	8.322	146	365474	8.698	ng	99
15) Benzyl Alcohol	8.205	79	252797	8.420	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.499	45	480920	8.903	ng	98
17) 2-Methylphenol	8.410	107	250565	8.183	ng	99
18) Hexachloroethane	9.052	117	125649	8.381	ng	93
19) n-Nitroso-di-n-propyla...	8.775	70	236957	8.815	ng	99
20) 3+4-Methylphenols	8.734	107	336983	8.095	ng	99
22) Acetophenone	8.793	105	413973	7.110	ng	# 98
24) Nitrobenzene	9.175	77	369378	8.304	ng	99
25) Isophorone	9.704	82	618844	8.537	ng	99
26) 2-Nitrophenol	9.893	139	142132	6.981	ng	98
27) 2,4-Dimethylphenol	9.946	122	269679	8.793	ng	96
28) bis(2-Chloroethoxy)met...	10.187	93	433209	9.320	ng	99
29) 2,4-Dichlorophenol	10.422	162	289287	7.642	ng	95
30) 1,2,4-Trichlorobenzene	10.640	180	351921	7.877	ng	97
31) Naphthalene	10.834	128	1026865	8.015	ng	99
32) Benzoic acid	10.034	122	189405	7.827	ng	96
33) 4-Chloroaniline	10.946	127	394576	8.258	ng	99
34) Hexachlorobutadiene	11.116	225	221724	7.780	ng	97
35) Caprolactam	11.722	113	52759m	5.398	ng	
36) 4-Chloro-3-methylphenol	12.057	107	283845	8.028	ng	97
37) 2-Methylnaphthalene	12.440	142	700797	8.134	ng	100
38) 1-Methylnaphthalene	12.657	142	669955	7.985	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	340274	6.713	ng	99
41) Hexachlorocyclopentadiene	12.781	237	207502	8.118	ng	99
43) 2,4,6-Trichlorophenol	13.040	196	234068	7.322	ng	98

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Instrument :
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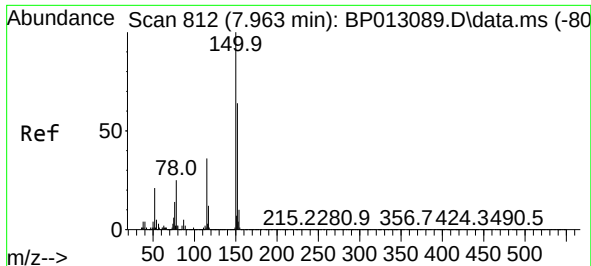
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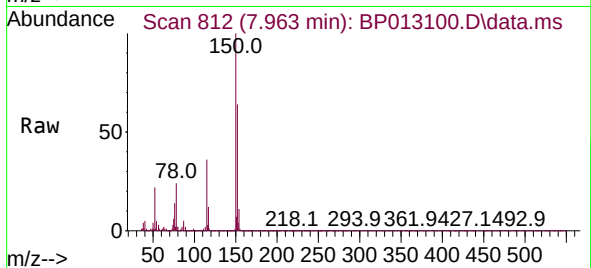
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	254184	7.360	ng	97
46) 1,1'-Biphenyl	13.440	154	781082	6.952	ng	98
47) 2-Chloronaphthalene	13.487	162	719969	8.063	ng	99
48) 2-Nitroaniline	13.693	65	151733	6.868	ng	91
49) Acenaphthylene	14.334	152	1037133	7.895	ng	100
50) Dimethylphthalate	14.063	163	817052	7.861	ng	99
51) 2,6-Dinitrotoluene	14.181	165	156418	7.354	ng	93
52) Acenaphthene	14.675	154	653416	8.002	ng	100
53) 3-Nitroaniline	14.510	138	144896	6.681	ng	97
54) 2,4-Dinitrophenol	14.722	184	64743	5.109	ng	97
55) Dibenzofuran	15.010	168	1072868	8.210	ng	99
56) 4-Nitrophenol	14.816	139	109830	6.179	ng	98
57) 2,4-Dinitrotoluene	14.969	165	176132	6.625	ng	# 86
58) Fluorene	15.657	166	805721	7.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	213340	7.226	ng	98
60) Diethylphthalate	15.422	149	718588	7.521	ng	98
61) 4-Chlorophenyl-phenyle...	15.651	204	426352	8.145	ng	98
62) 4-Nitroaniline	15.675	138	122942	6.074	ng	97
63) Azobenzene	15.945	77	683620	7.699	ng	98
65) 4,6-Dinitro-2-methylph...	15.734	198	89945	5.265	ng	86
66) n-Nitrosodiphenylamine	15.863	169	661610	7.968	ng	99
67) 4-Bromophenyl-phenylether	16.551	248	239038	7.601	ng	97
68) Hexachlorobenzene	16.669	284	290144	7.880	ng	99
69) Atrazine	16.816	200	158503	6.804	ng	98
70) Pentachlorophenol	17.010	266	133809	6.171	ng	98
71) Phenanthrene	17.410	178	1179653	7.795	ng	99
72) Anthracene	17.498	178	1106262	7.787	ng	100
73) Carbazole	17.769	167	945348	7.590	ng	99
74) Di-n-butylphthalate	18.310	149	902903	6.591	ng	99
75) Fluoranthene	19.375	202	1170301	7.185	ng	99
77) Benzidine	19.551	184	316891	10.171	ng	98
78) Pyrene	19.727	202	1235435	7.838	ng	100
80) Butylbenzylphthalate	20.592	149	325039	6.361	ng	99
81) Benzo(a)anthracene	21.439	228	1159860	7.736	ng	100
82) 3,3'-Dichlorobenzidine	21.369	252	307259	6.882	ng	98
83) Chrysene	21.492	228	1135105	7.762	ng	99
84) Bis(2-ethylhexyl)phtha...	21.351	149	452045	6.504	ng	99
85) Di-n-octyl phthalate	22.304	149	722960	6.194	ng	97
87) Indeno(1,2,3-cd)pyrene	26.551	276	1365067	7.184	ng	99
88) Benzo(b)fluoranthene	23.180	252	1139877	7.613	ng	100
89) Benzo(k)fluoranthene	23.233	252	1180026	7.790	ng	99
90) Benzo(a)pyrene	23.833	252	981955	7.815	ng	98
91) Dibenzo(a,h)anthracene	26.568	278	1193367	7.557	ng	99
92) Benzo(g,h,i)perylene	27.351	276	1175089	7.510	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

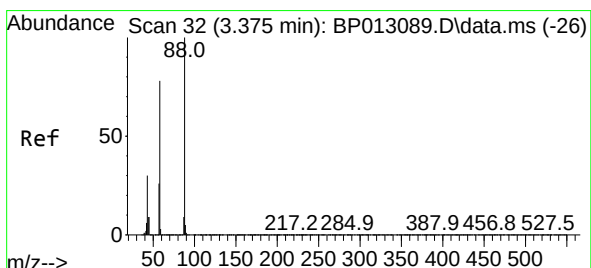
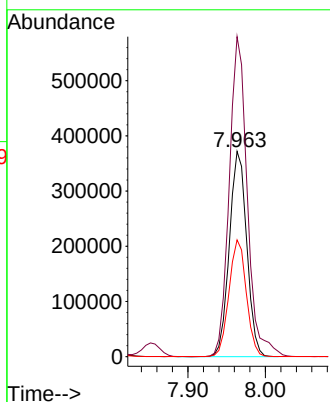
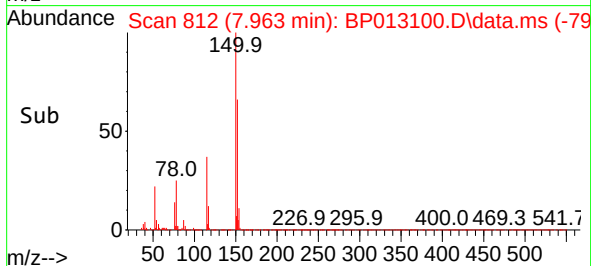
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:152 Resp: 579063
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 56.9 45.6 68.4

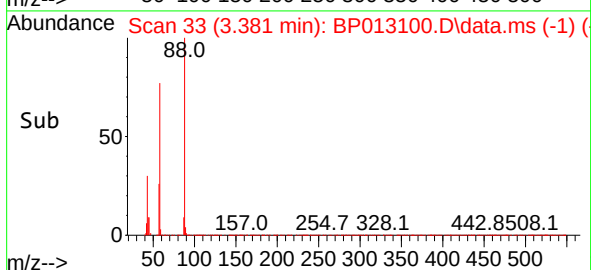
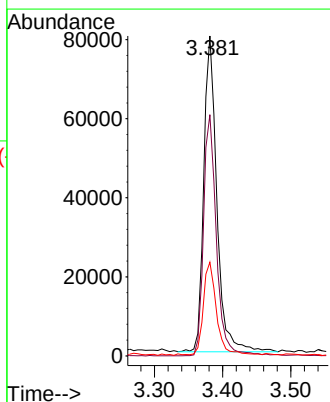
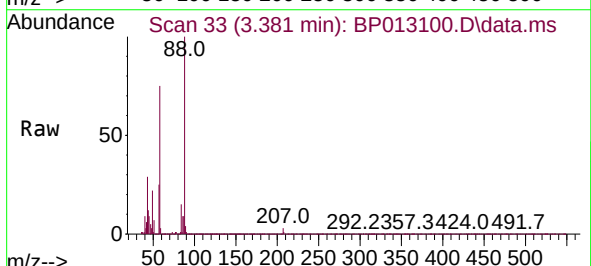
Manual Integrations
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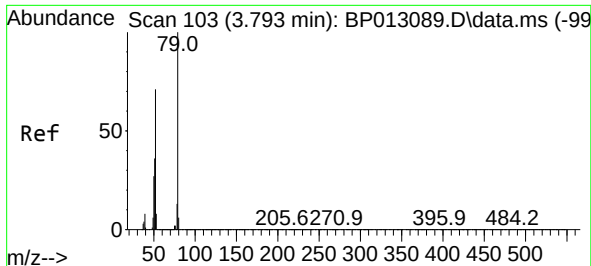
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#2
1,4-Dioxane
Concen: 7.616 ng
RT: 3.381 min Scan# 33
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion: 88 Resp: 106951
Ion Ratio Lower Upper
88 100
58 75.5 60.1 90.1
43 28.8 23.5 35.3





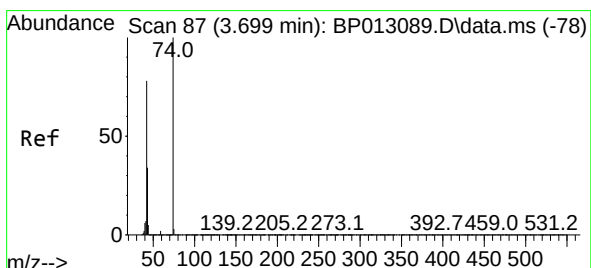
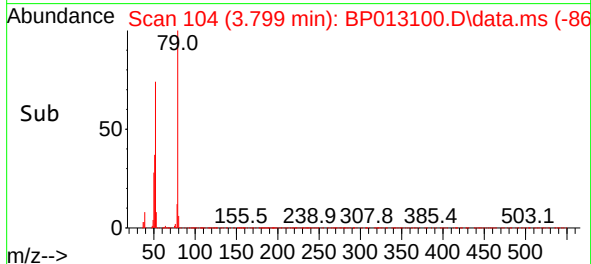
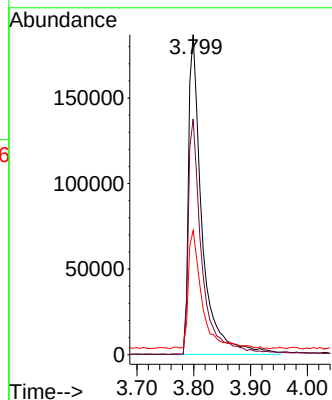
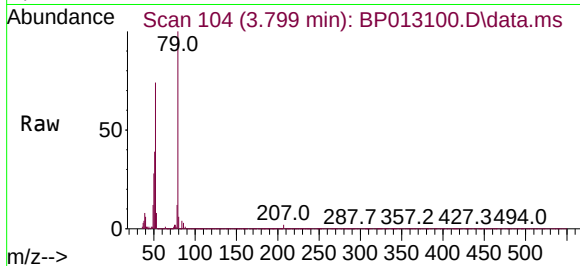
#3
Pyridine
Concen: 7.754 ng
RT: 3.799 min Scan# 103
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 309216
Ion Ratio Lower Upper
79 100
52 73.6 57.0 85.4
51 38.8 29.1 43.7

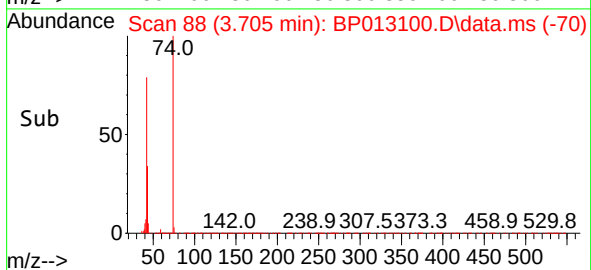
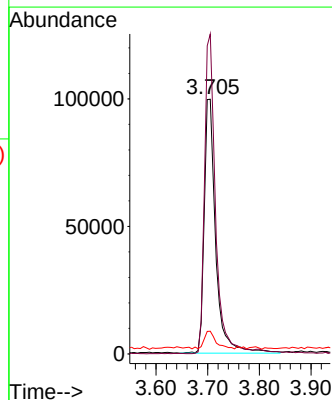
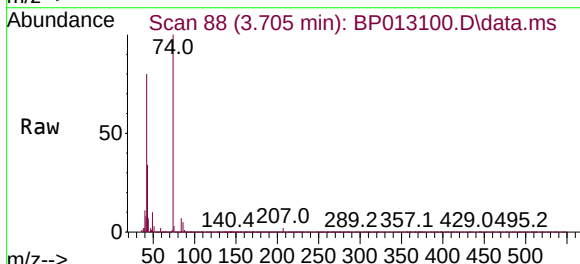
Manual Integrations
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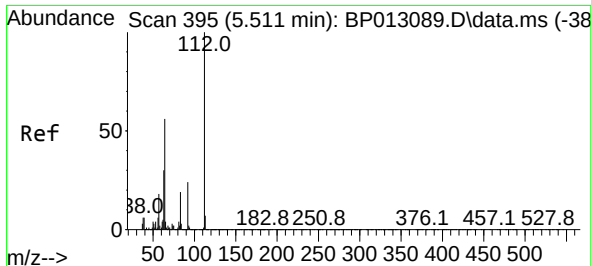
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#4
n-Nitrosodimethylamine
Concen: 8.626 ng
RT: 3.705 min Scan# 88
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

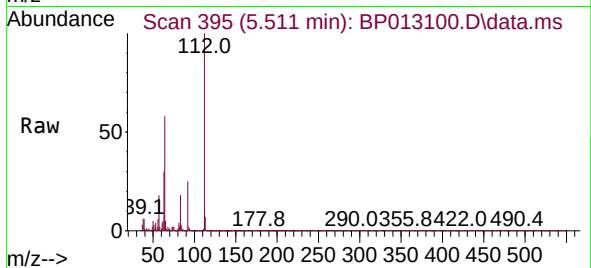
Tgt Ion: 42 Resp: 154167
Ion Ratio Lower Upper
42 100
74 125.7 102.7 154.1
44 8.9 5.6 8.4





#5
2-Fluorophenol
Concen: 77.855 ng
RT: 5.511 min Scan# 395
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

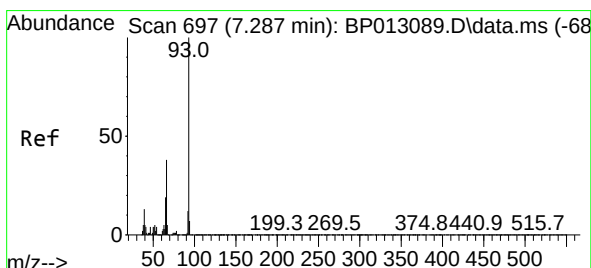
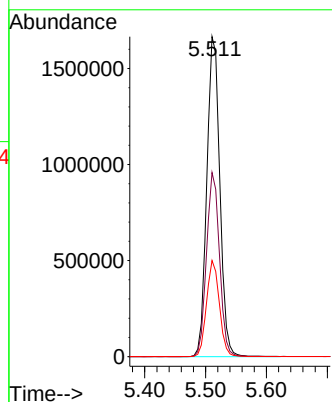
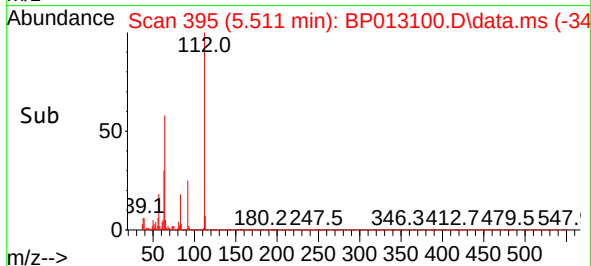
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



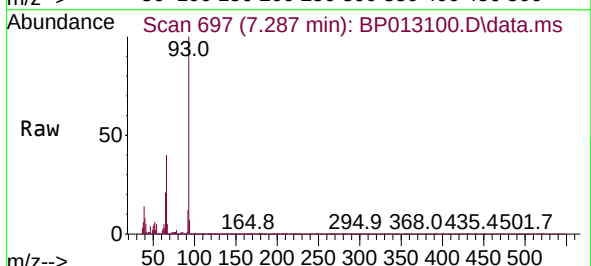
Tgt Ion: 112 Resp: 2467400
Ion Ratio Lower Upper
112 100
64 57.6 45.1 67.7
63 30.1 23.8 35.6

Manual Integrations
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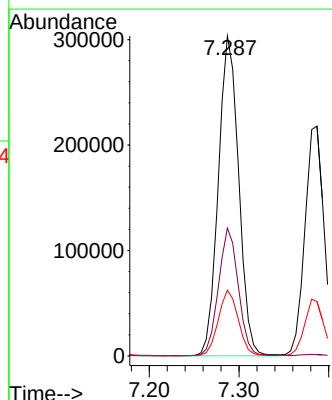
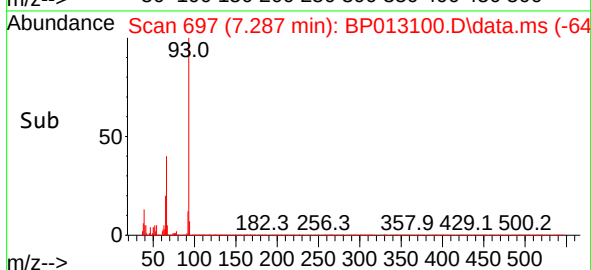
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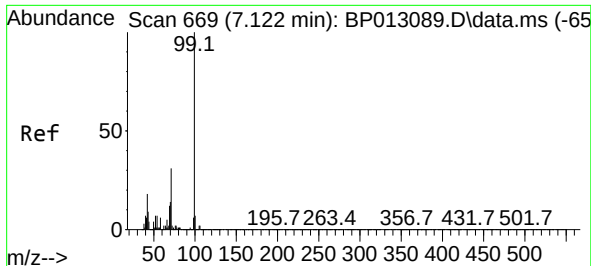


#6
Aniline
Concen: 9.565 ng
RT: 7.287 min Scan# 697
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



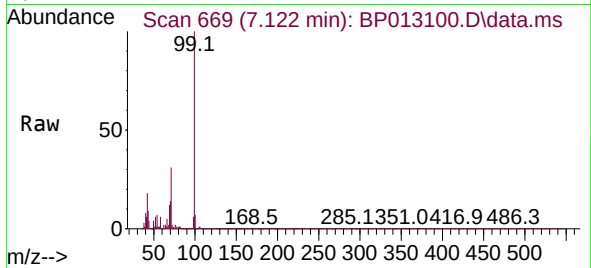
Tgt Ion: 93 Resp: 479368
Ion Ratio Lower Upper
93 100
66 40.0 30.6 45.8
65 20.5 15.5 23.3





#7
Phenol-d6
Concen: 76.936 ng
RT: 7.122 min Scan# 669
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

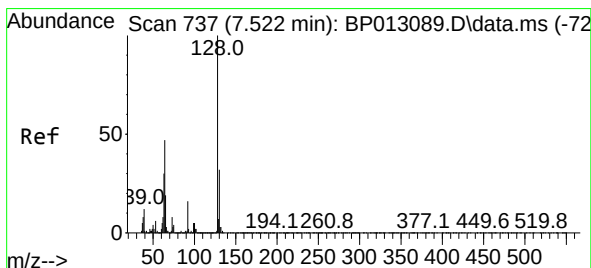
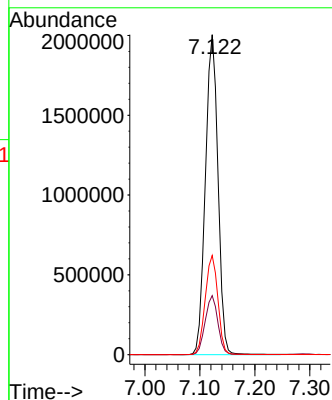
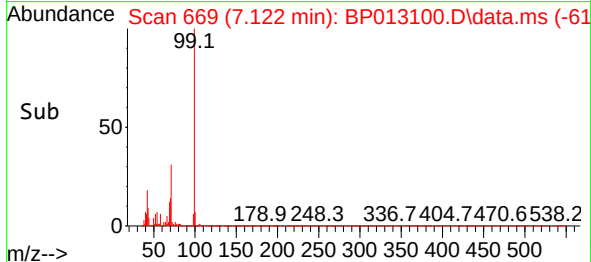
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BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



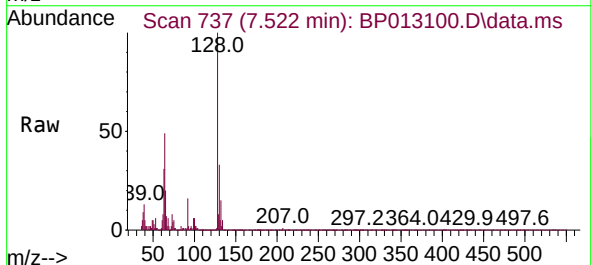
Tgt Ion: 99 Resp: 3184229
Ion Ratio Lower Upper
99 100
42 18.4 14.2 21.4
71 31.0 24.7 37.1

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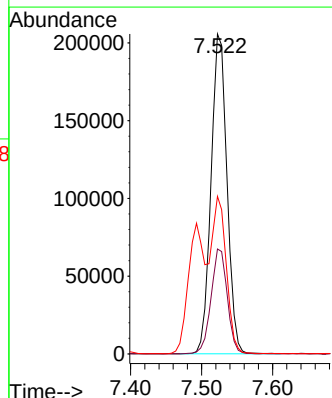
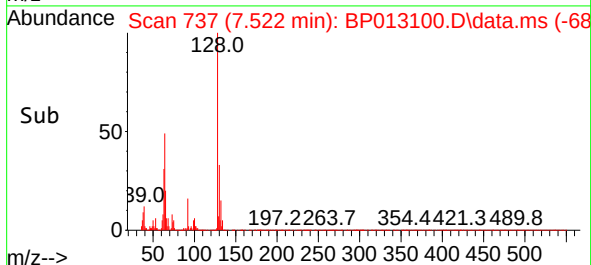
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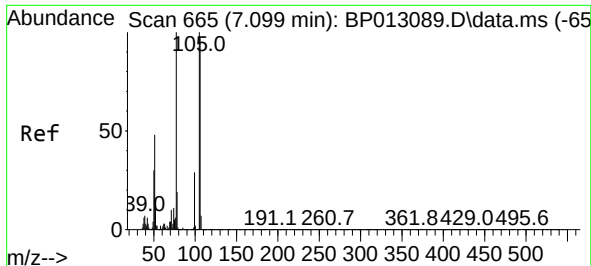


#8
2-Chlorophenol
Concen: 8.564 ng
RT: 7.522 min Scan# 737
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



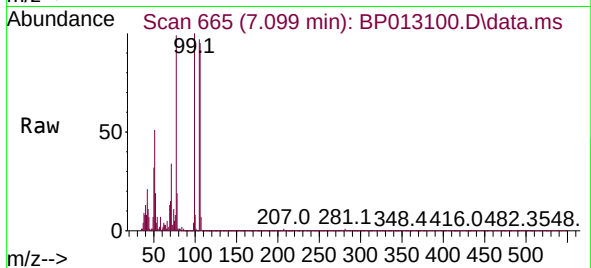
Tgt Ion:128 Resp: 319950
Ion Ratio Lower Upper
128 100
130 32.8 11.9 51.9
64 49.2 26.7 66.7





#9
Benzaldehyde
Concen: 11.940 ng m
RT: 7.099 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

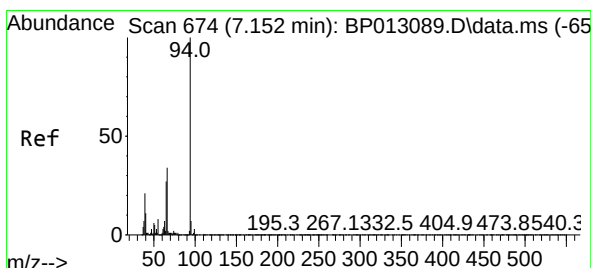
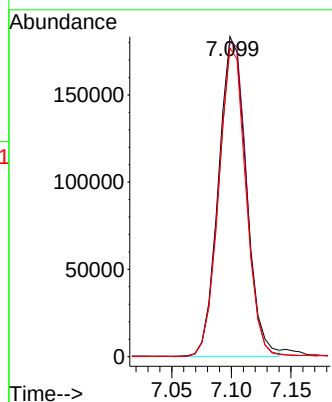
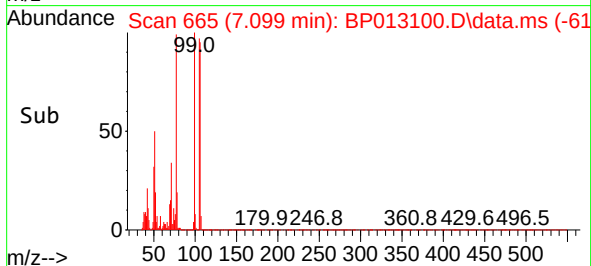
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 77 Resp: 296513
Ion Ratio Lower Upper
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105 98.3 80.1 120.1
106 96.4 76.6 116.6

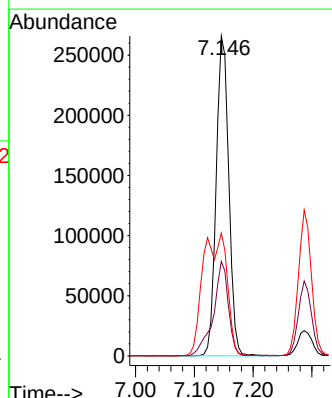
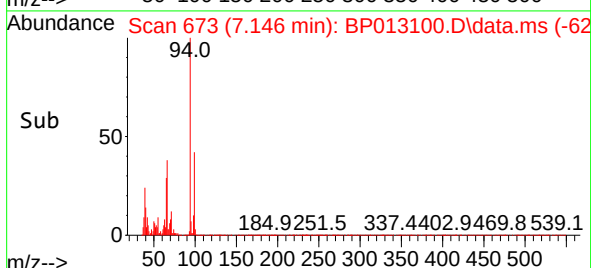
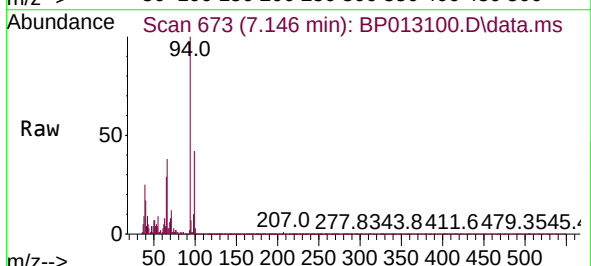
Manual Integrations
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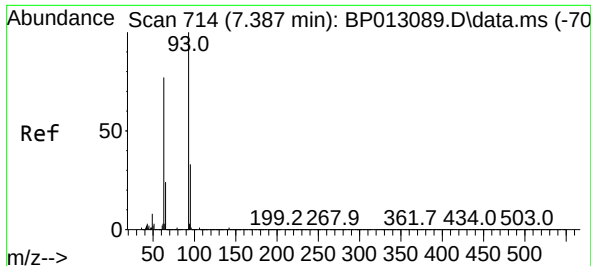
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#10
Phenol
Concen: 8.556 ng
RT: 7.146 min Scan# 673
Delta R.T. -0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

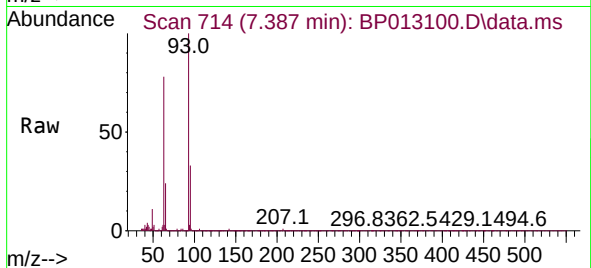
Tgt Ion: 94 Resp: 396367
Ion Ratio Lower Upper
94 100
65 29.5 7.2 47.2
66 38.4 13.7 53.7





#11
bis(2-Chloroethyl)ether
Concen: 8.713 ng
RT: 7.387 min Scan# 714
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

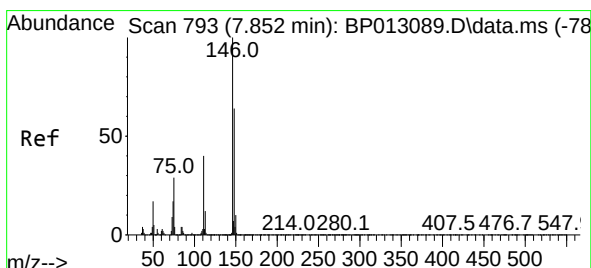
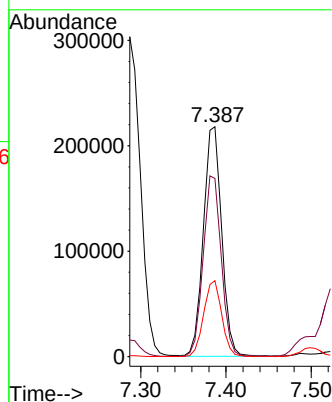
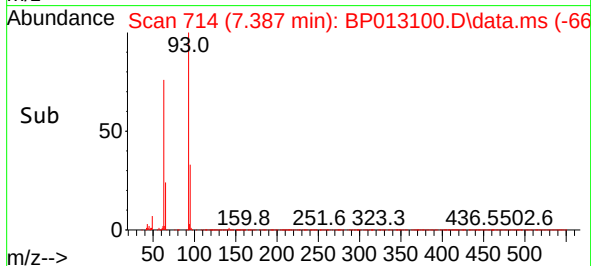
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



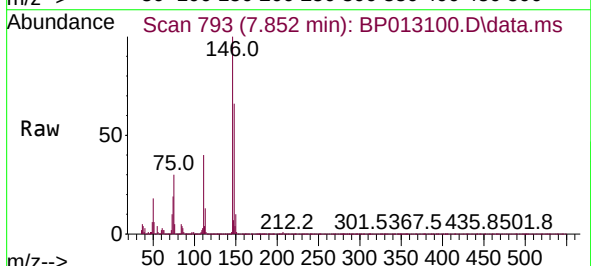
Tgt Ion: 93 Resp: 324978
Ion Ratio Lower Upper
93 100
63 77.5 56.3 96.3
95 33.0 13.0 53.0

Manual Integrations
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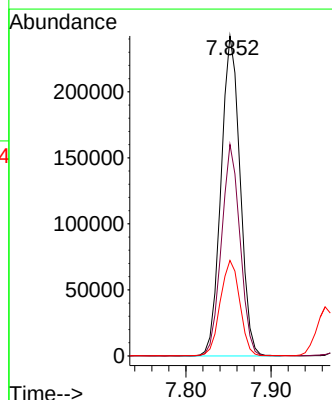
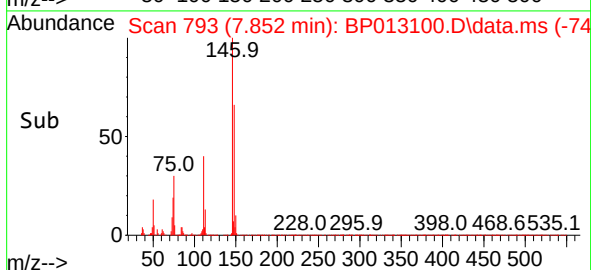
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

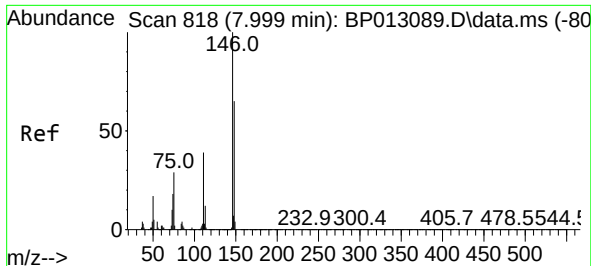


#12
1,3-Dichlorobenzene
Concen: 8.643 ng
RT: 7.852 min Scan# 793
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



Tgt Ion:146 Resp: 375722
Ion Ratio Lower Upper
146 100
148 66.1 51.5 77.3
75 29.8 23.0 34.4





#13

1,4-Dichlorobenzene

Concen: 8.606 ng

RT: 7.999 min Scan# 81

Delta R.T. 0.000 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

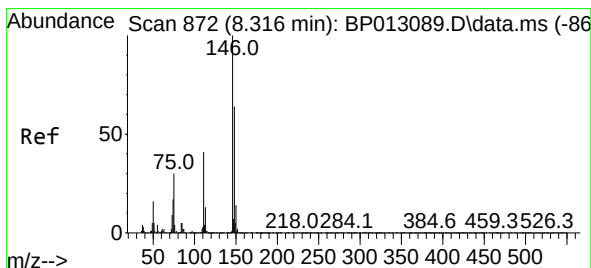
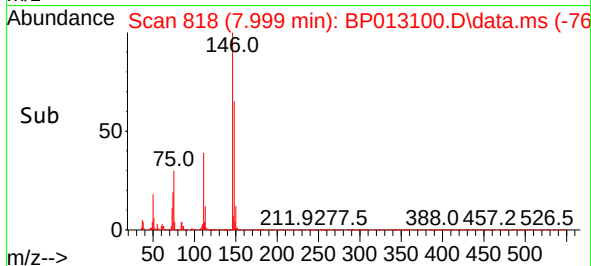
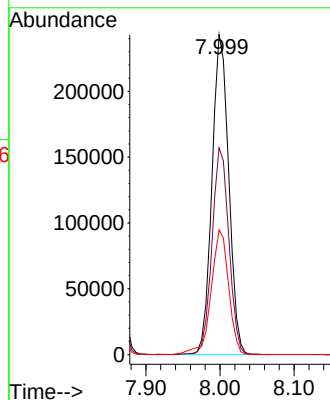
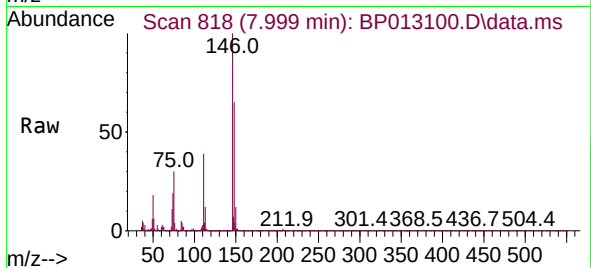
ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:146 Resp: 38098
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.9 77.9
 111 39.0 31.3 46.9

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#14

1,2-Dichlorobenzene

Concen: 8.698 ng

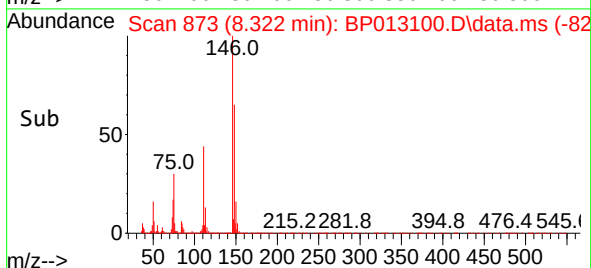
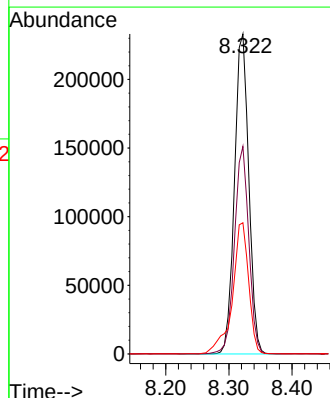
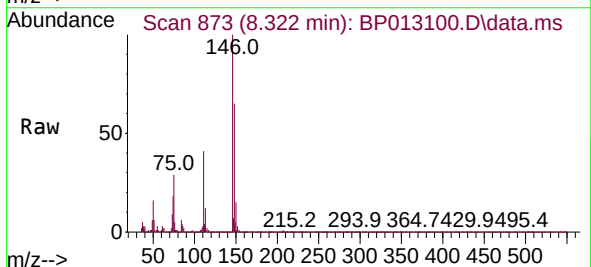
RT: 8.322 min Scan# 873

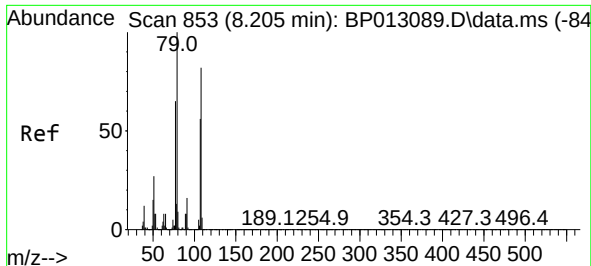
Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion:146 Resp: 365474
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.6
 111 41.0 32.6 49.0





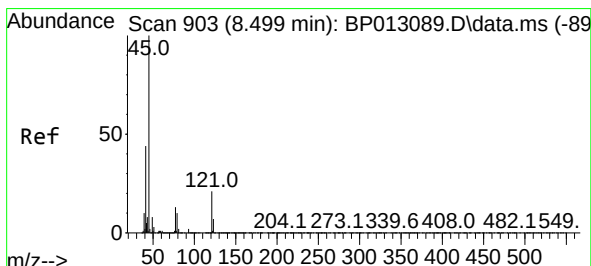
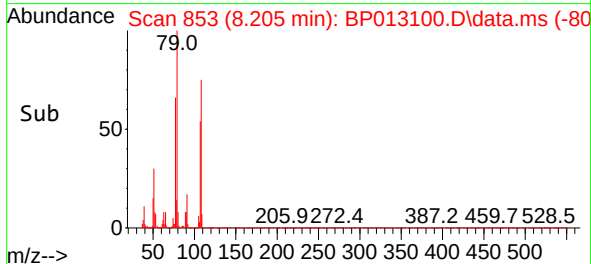
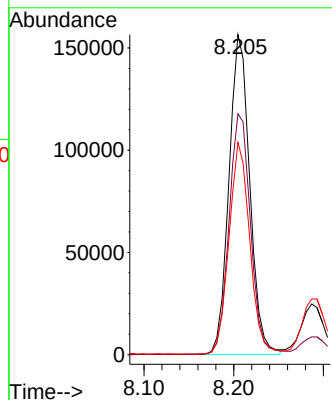
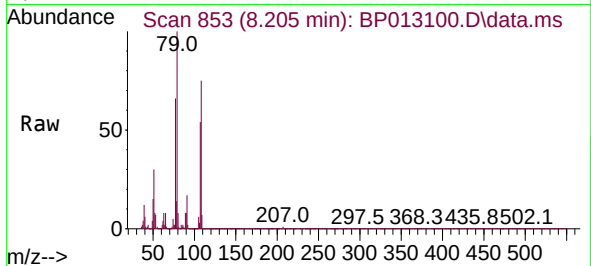
#15
Benzyl Alcohol
Concen: 8.420 ng
RT: 8.205 min Scan# 853
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 79 Resp: 252797
Ion Ratio Lower Upper
79 100
108 75.2 65.3 97.9
77 66.3 51.9 77.9

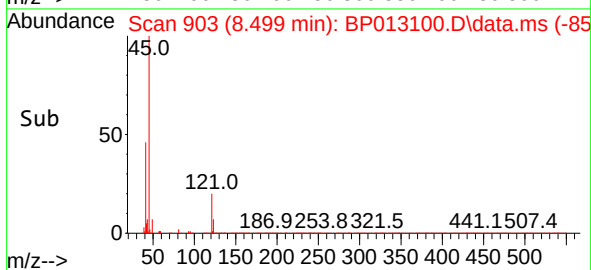
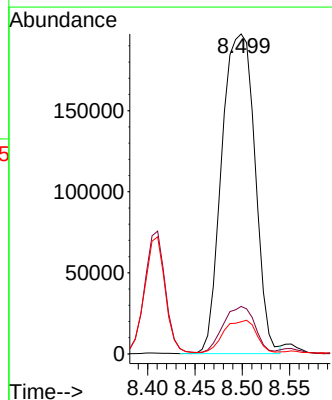
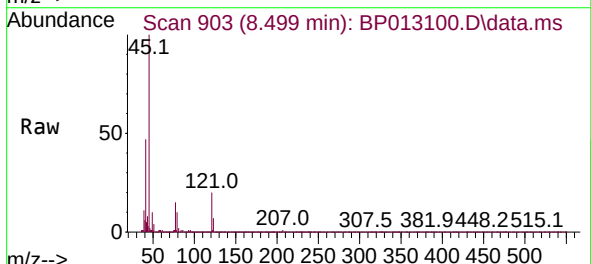
Manual Integrations
APPROVED

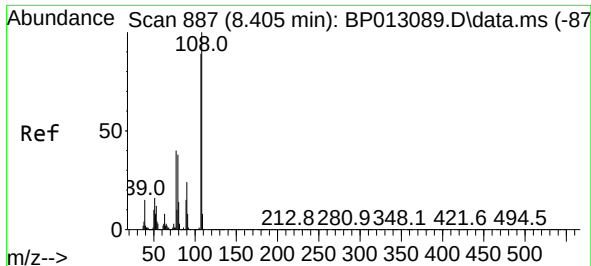
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.903 ng
RT: 8.499 min Scan# 903
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion: 45 Resp: 480920
Ion Ratio Lower Upper
45 100
77 14.8 0.0 33.6
79 10.0 0.0 30.6





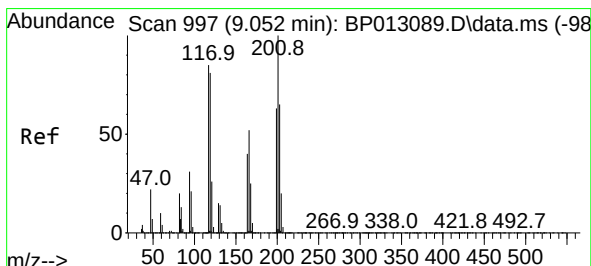
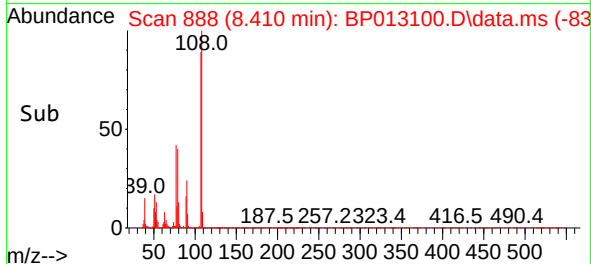
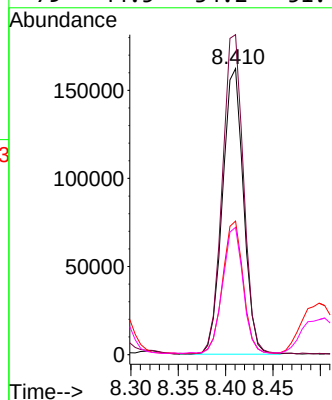
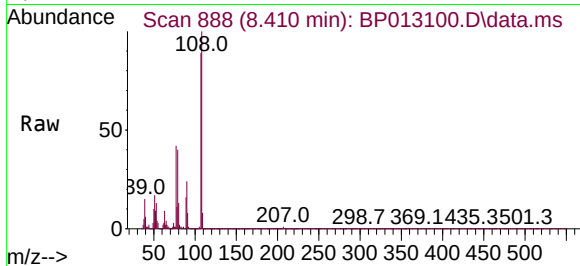
#17
2-Methylphenol
Concen: 8.183 ng
RT: 8.410 min Scan# 887
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:107 Resp: 250565
Ion Ratio Lower Upper
107 100
108 111.9 89.6 134.4
77 46.6 35.5 53.3
79 44.5 34.2 51.4

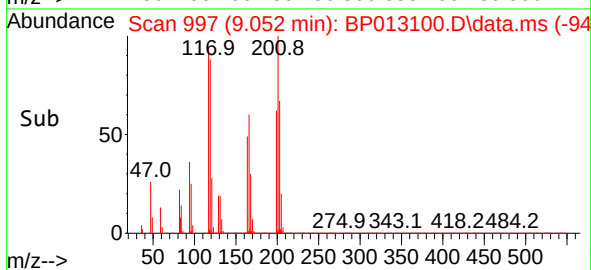
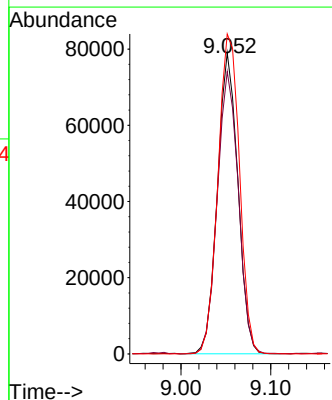
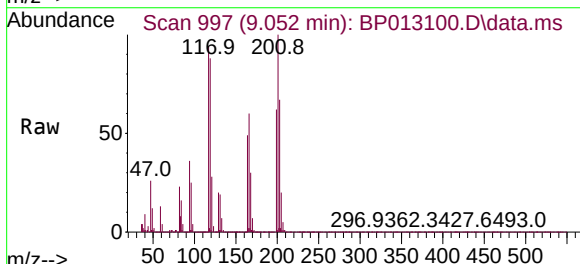
Manual Integrations
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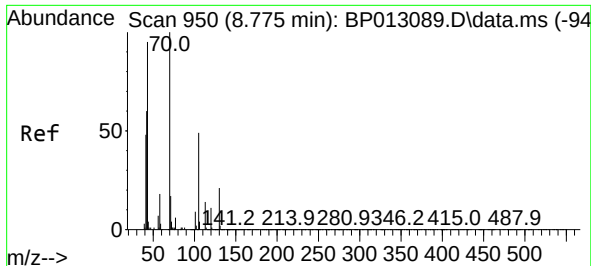
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#18
Hexachloroethane
Concen: 8.381 ng
RT: 9.052 min Scan# 997
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

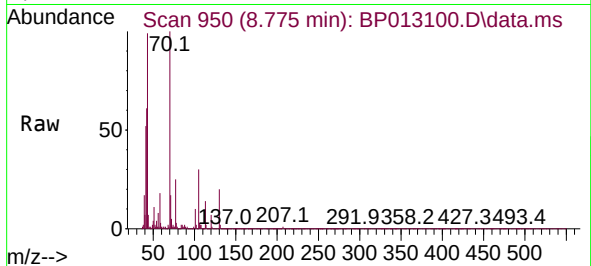
Tgt Ion:117 Resp: 125649
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
201 106.3 94.6 141.8





#19
n-Nitroso-di-n-propylamine
Concen: 8.815 ng
RT: 8.775 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

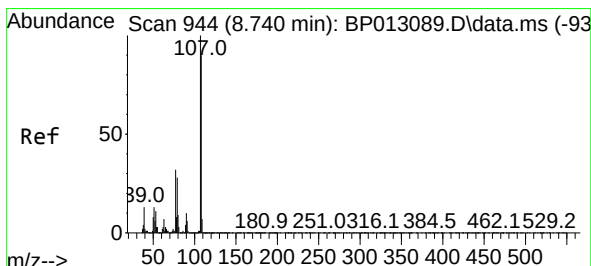
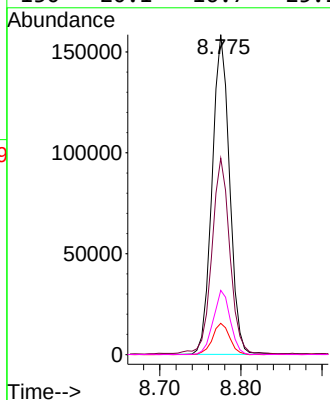
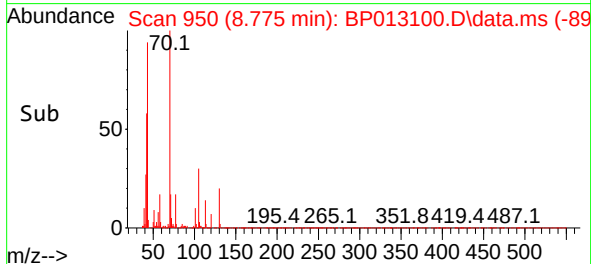
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



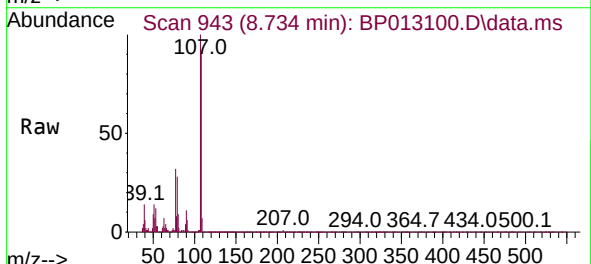
Tgt Ion: 70 Resp: 23695
Ion Ratio Lower Upper
70 100
42 61.4 48.5 72.7
101 9.8 7.4 11.2
130 20.1 16.7 25.1

Manual Integrations
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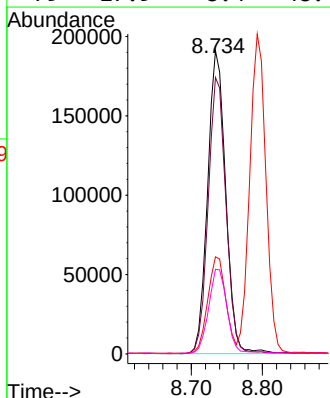
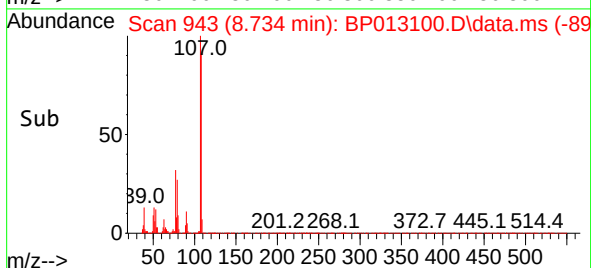
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

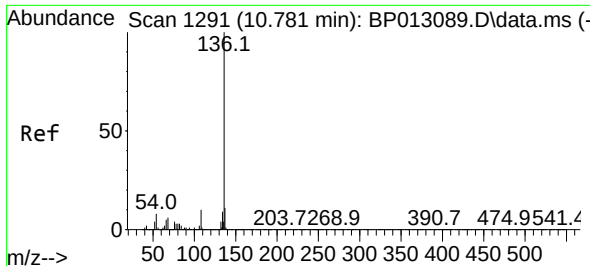


#20
3+4-Methylphenols
Concen: 8.095 ng
RT: 8.734 min Scan# 943
Delta R.T. -0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



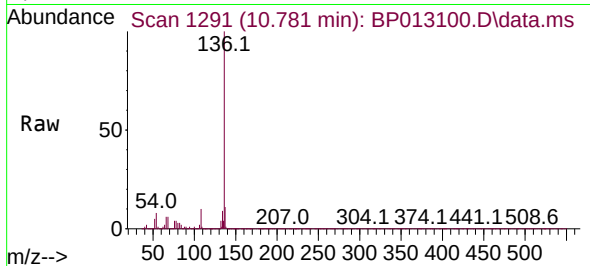
Tgt Ion:107 Resp: 336983
Ion Ratio Lower Upper
107 100
108 91.2 70.5 110.5
77 32.0 12.2 52.2
79 27.9 8.4 48.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

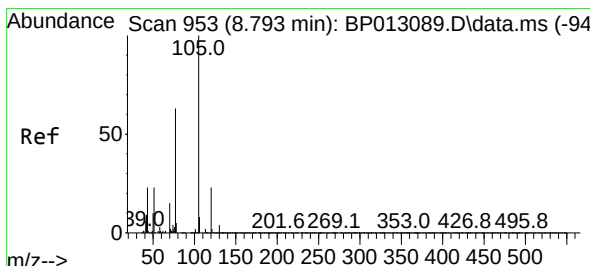
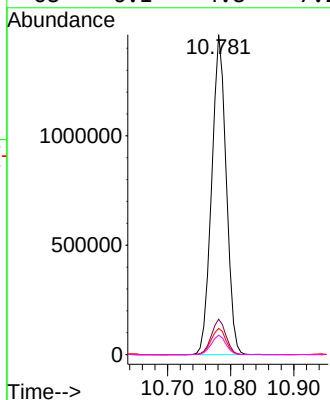
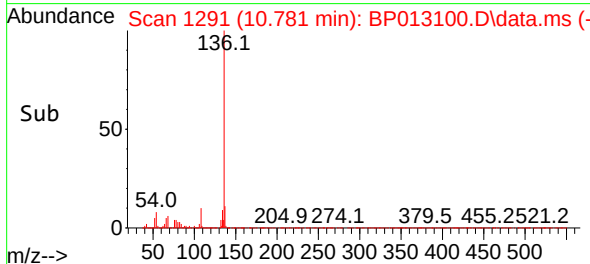
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:136 Resp: 2339715
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 8.2 6.2 9.4
68 6.1 4.8 7.2

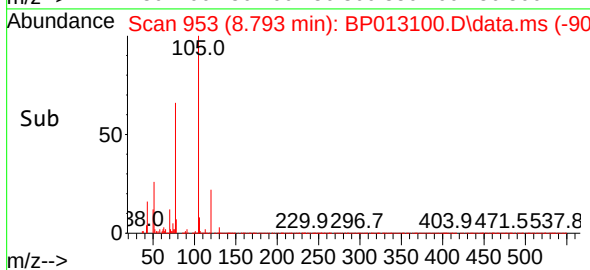
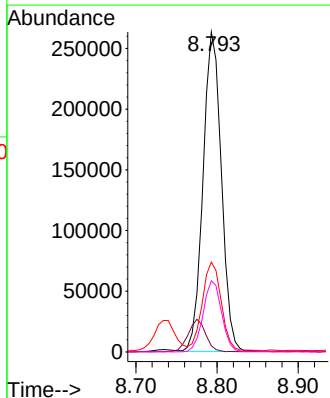
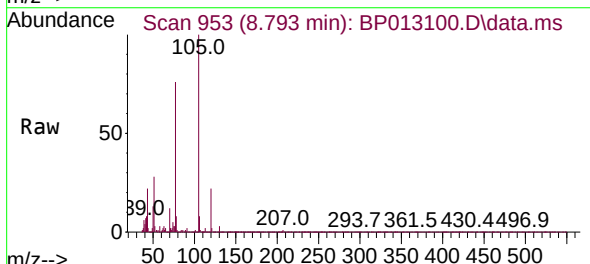
Manual Integrations
APPROVED

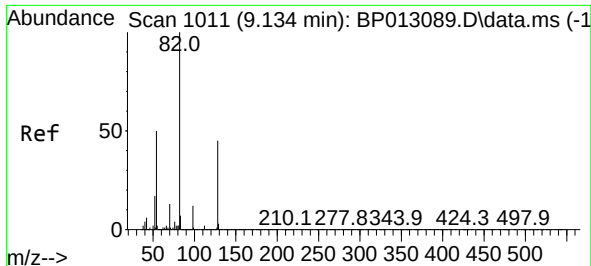
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#22
Acetophenone
Concen: 7.110 ng
RT: 8.793 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:105 Resp: 413973
Ion Ratio Lower Upper
105 100
71 1.9 2.2 3.4#
51 28.1 21.5 32.3
120 22.2 18.2 27.2





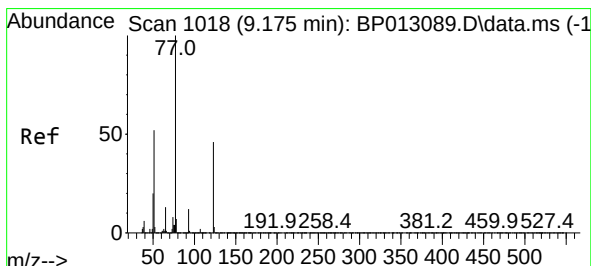
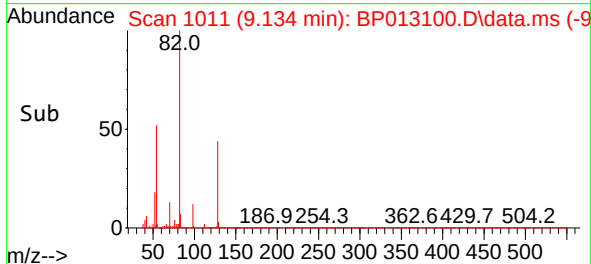
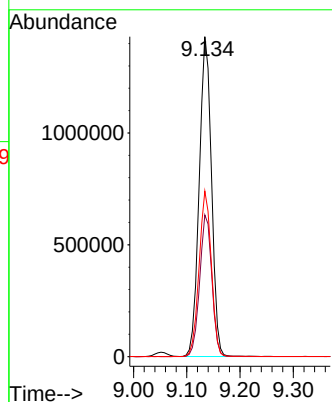
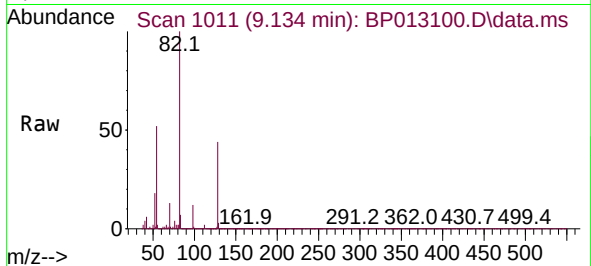
#23
Nitrobenzene-d5
Concen: 53.551 ng
RT: 9.134 min Scan# 1011
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion: 82 Resp: 228545
Ion Ratio Lower Upper
82 100
128 44.3 35.9 53.9
54 51.7 40.4 60.6

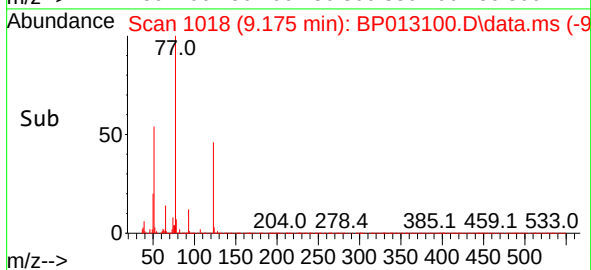
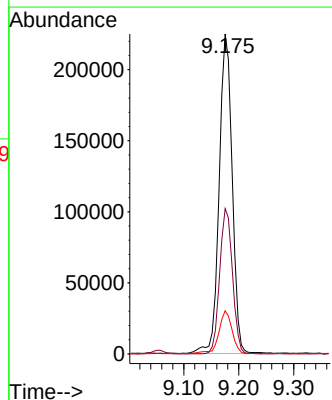
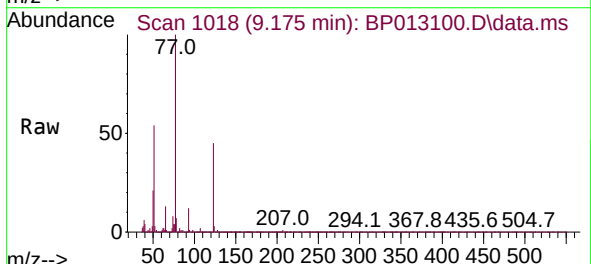
Manual Integrations
APPROVED

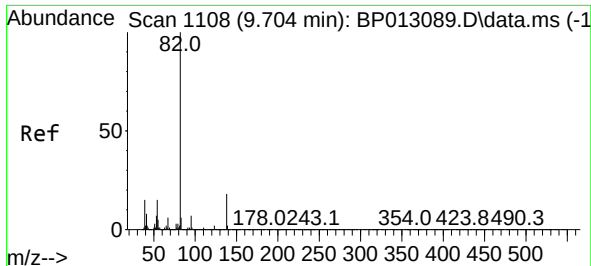
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#24
Nitrobenzene
Concen: 8.304 ng
RT: 9.175 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

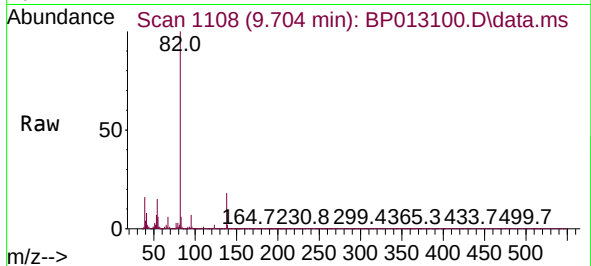
Tgt Ion: 77 Resp: 369378
Ion Ratio Lower Upper
77 100
123 45.4 37.0 55.4
65 13.5 10.7 16.1





#25
Isophorone
Concen: 8.537 ng
RT: 9.704 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

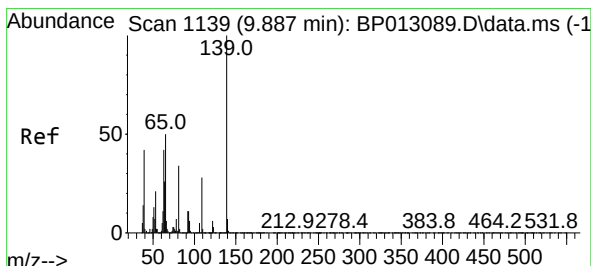
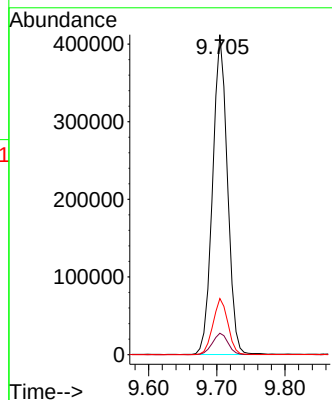
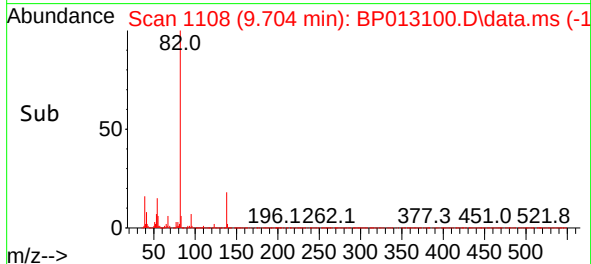
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 82 Resp: 618844
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.5 14.5 21.7

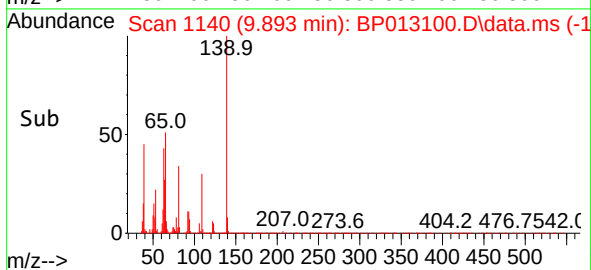
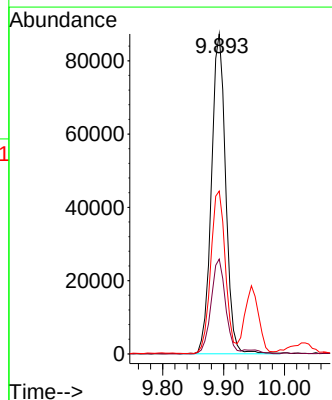
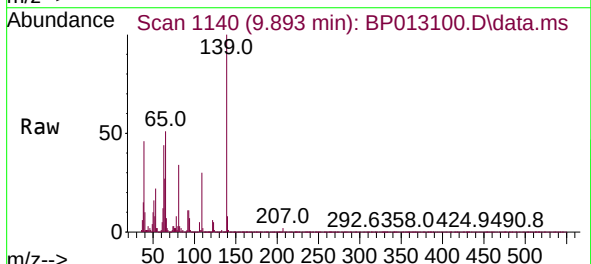
Manual Integrations
APPROVED

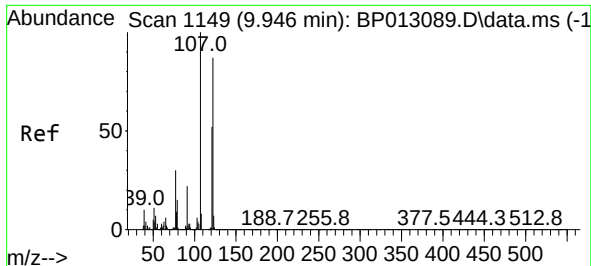
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#26
2-Nitrophenol
Concen: 6.981 ng
RT: 9.893 min Scan# 1140
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:139 Resp: 142132
Ion Ratio Lower Upper
139 100
109 29.6 22.5 33.7
65 50.9 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 8.793 ng

RT: 9.946 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BP013100.D

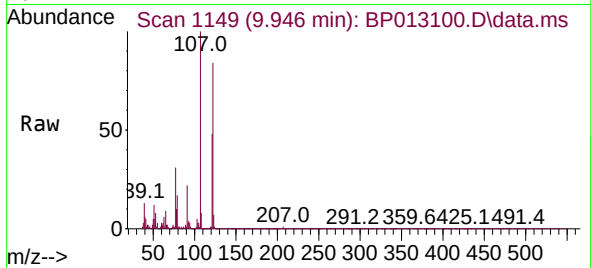
Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

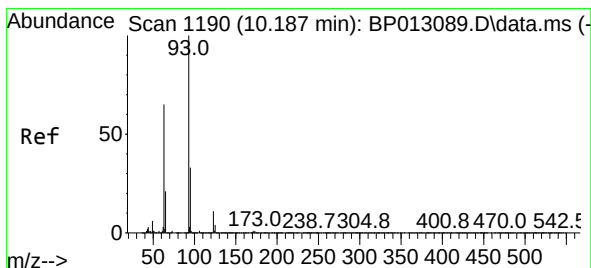
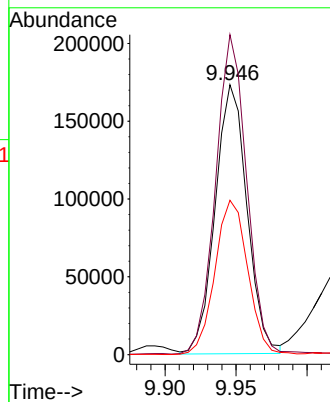
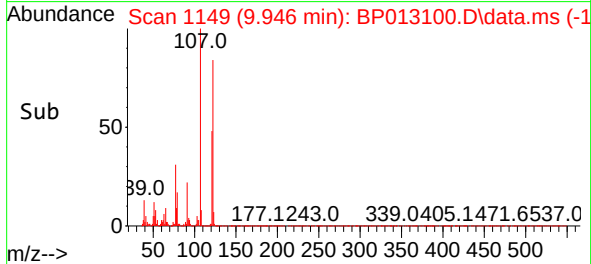


Tgt Ion:	122	Resp:	269679
Ion	Ratio	Lower	Upper
122	100		
107	118.6	91.1	136.7
121	57.2	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#28

bis(2-Chloroethoxy)methane

Concen: 9.320 ng

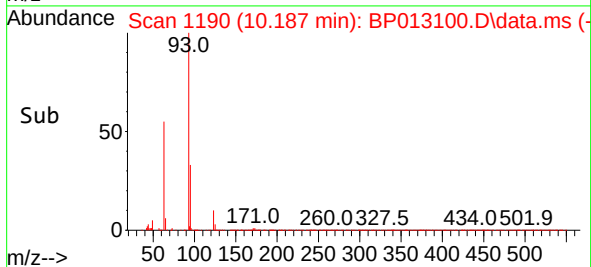
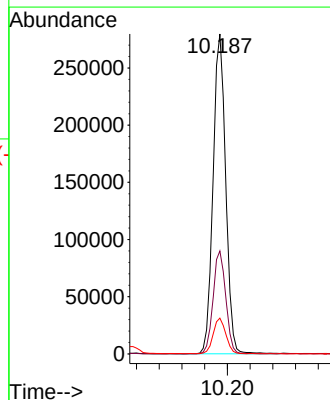
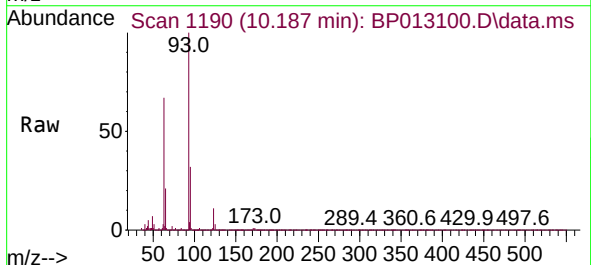
RT: 10.187 min Scan# 1190

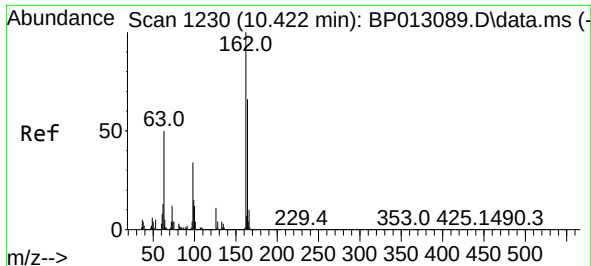
Delta R.T. 0.000 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion:	93	Resp:	433209
Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.4	39.6
123	11.2	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 7.642 ng

RT: 10.422 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

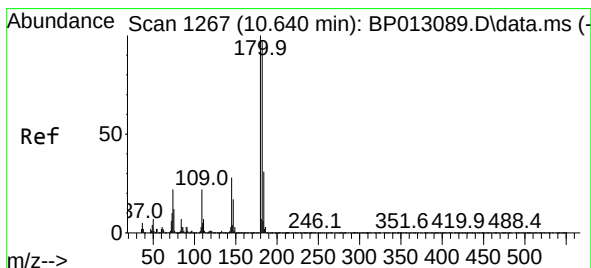
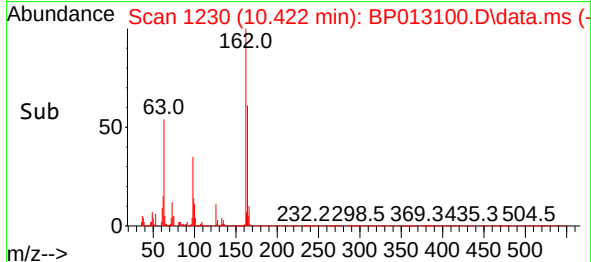
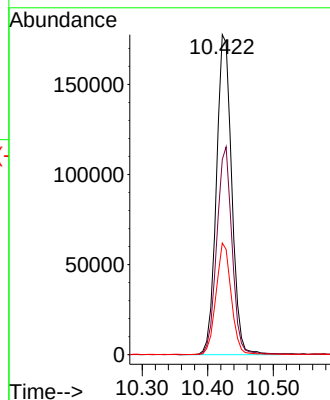
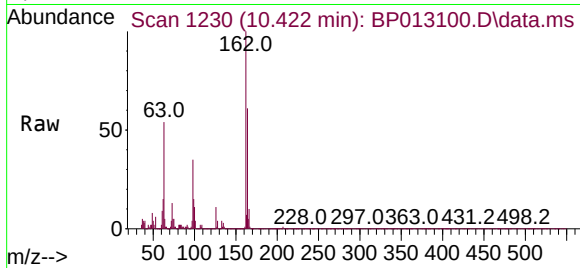
LOQ-WATER-02-QT4-2022

Tgt Ion:	162	Resp:	28928
Ion Ratio	Lower	Upper	
162	100		
164	60.9	45.8	85.8
98	34.9	13.8	53.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#30

1,2,4-Trichlorobenzene

Concen: 7.877 ng

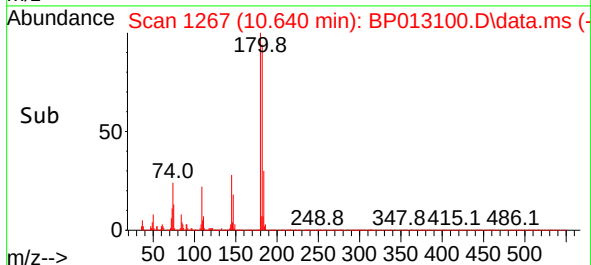
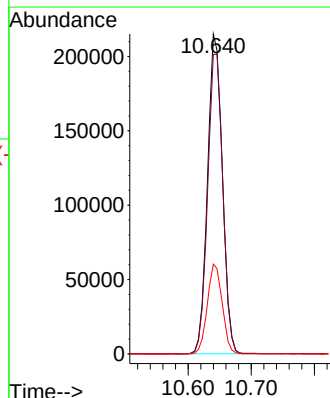
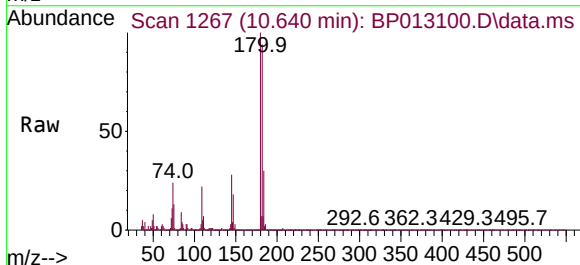
RT: 10.640 min Scan# 1267

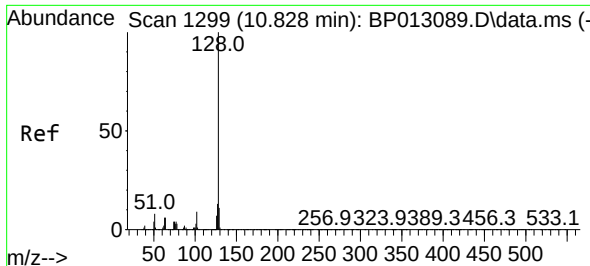
Delta R.T. 0.000 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

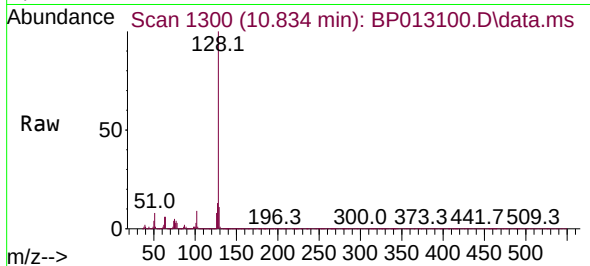
Tgt Ion:	180	Resp:	351921
Ion Ratio	Lower	Upper	
180	100		
182	93.5	77.8	116.6
145	28.0	22.6	33.8





#31
Naphthalene
Concen: 8.015 ng
RT: 10.834 min Scan# 1164
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

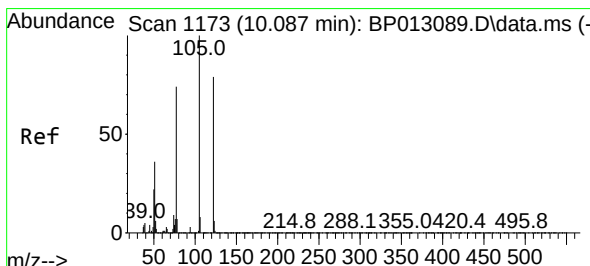
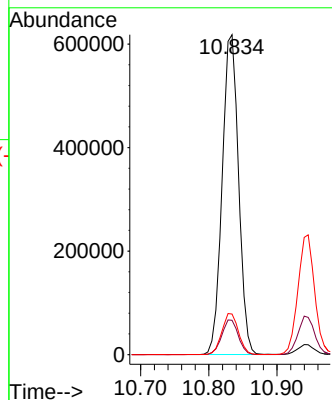
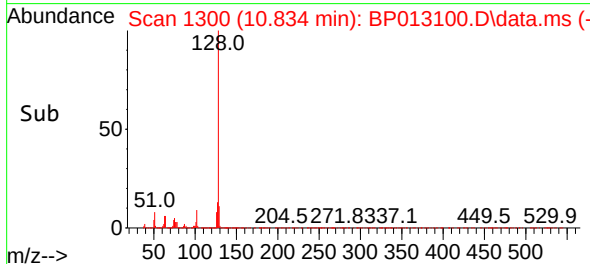
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:128 Resp: 1026865
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.7 10.4 15.6

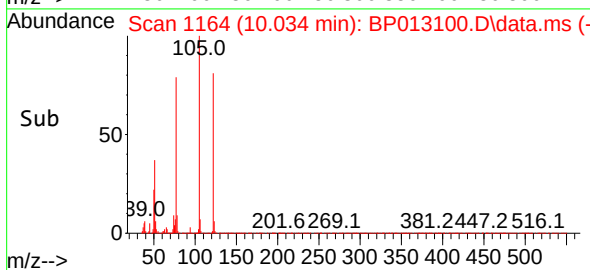
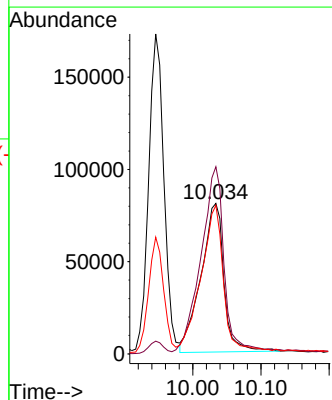
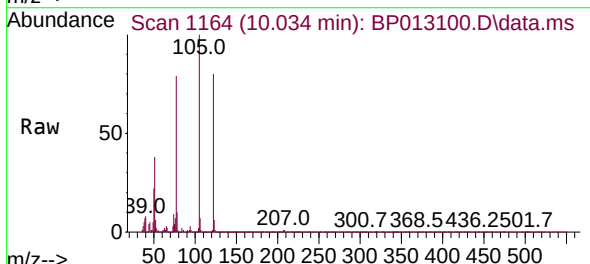
Manual Integrations
APPROVED

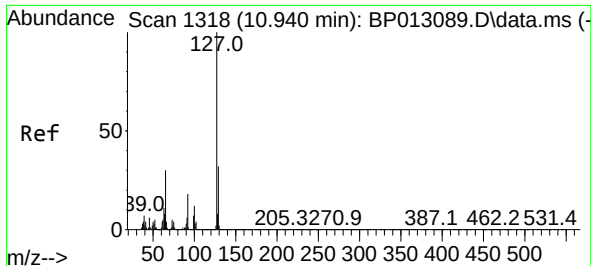
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#32
Benzoic acid
Concen: 7.827 ng
RT: 10.034 min Scan# 1164
Delta R.T. -0.053 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:122 Resp: 189405
Ion Ratio Lower Upper
122 100
105 124.2 101.9 141.9
77 98.7 71.7 111.7





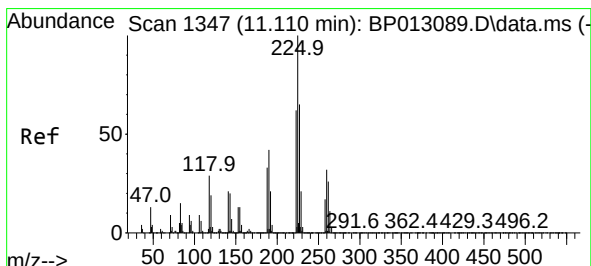
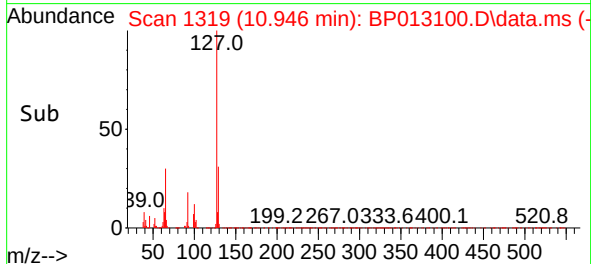
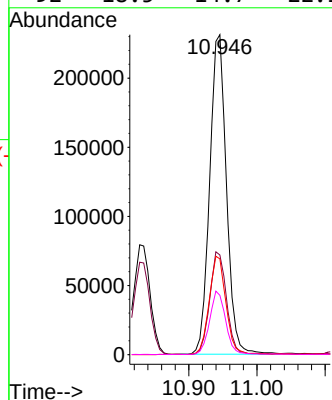
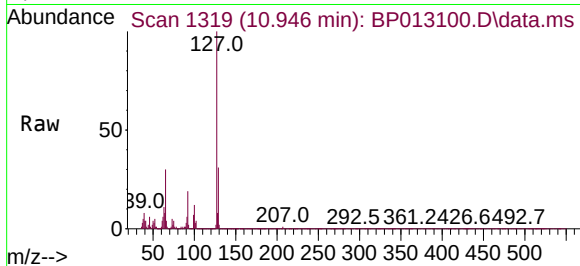
#33
4-Chloroaniline
Concen: 8.258 ng
RT: 10.946 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.5	38.3
65	29.9	23.8	35.8
92	18.5	14.7	22.1

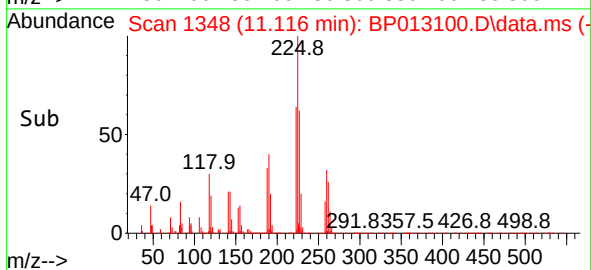
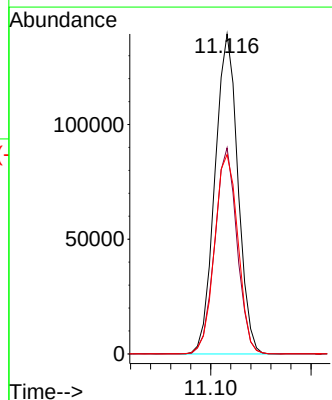
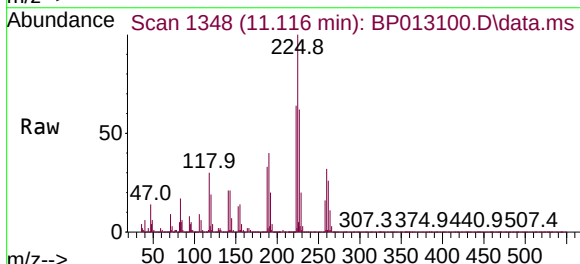
Manual Integrations
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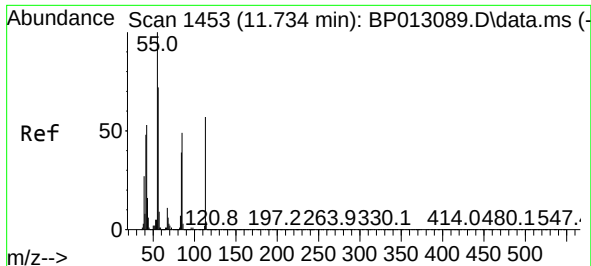
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#34
Hexachlorobutadiene
Concen: 7.780 ng
RT: 11.116 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

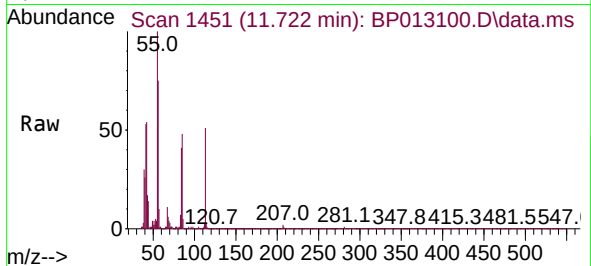
Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.4	74.0
227	62.3	52.0	78.0





#35
Caprolactam
Concen: 5.398 ng m
RT: 11.722 min Scan# 14
Delta R.T. -0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

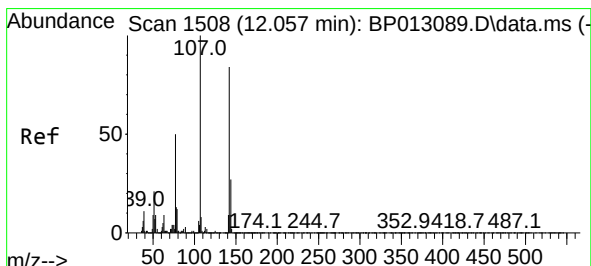
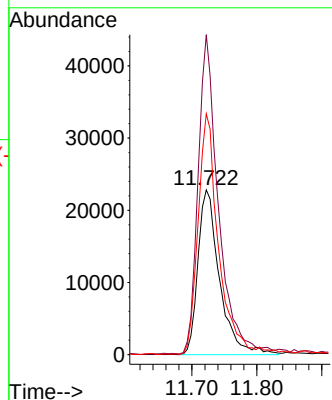
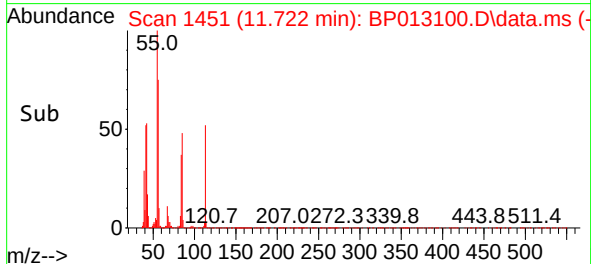
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



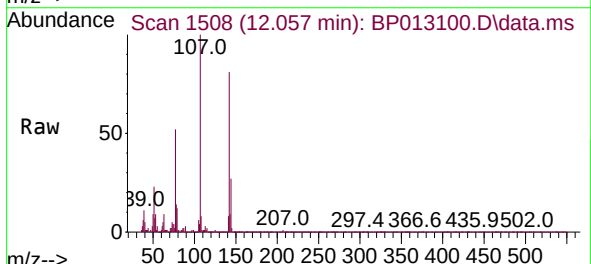
Tgt Ion:113 Resp: 52759
Ion Ratio Lower Upper
113 100
55 194.3 155.5 195.5
56 146.3 106.7 146.7

Manual Integrations
APPROVED

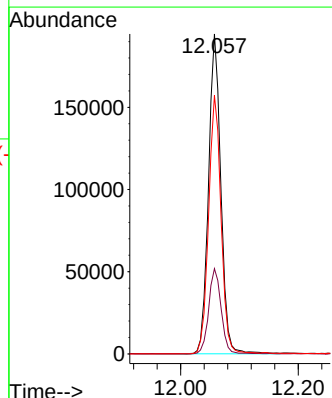
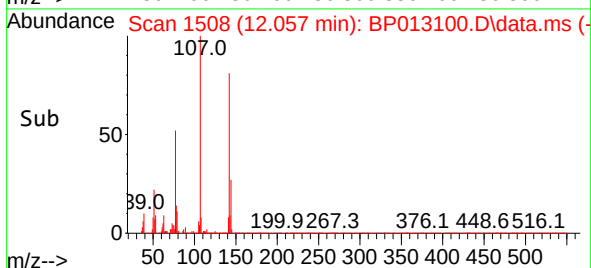
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

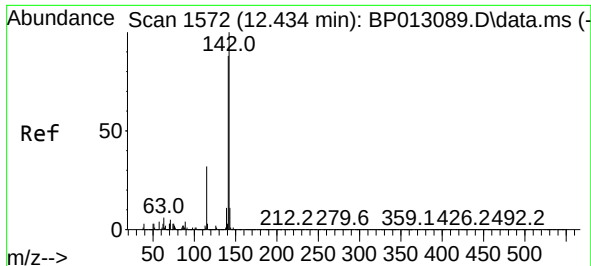


#36
4-Chloro-3-methylphenol
Concen: 8.028 ng
RT: 12.057 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



Tgt Ion:107 Resp: 283845
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 80.8 67.2 100.8





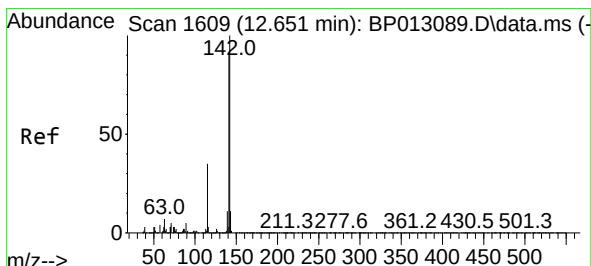
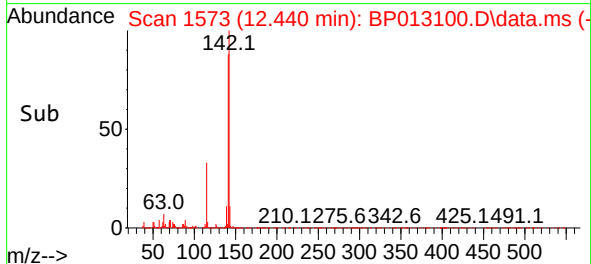
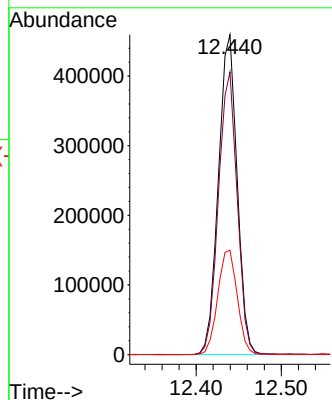
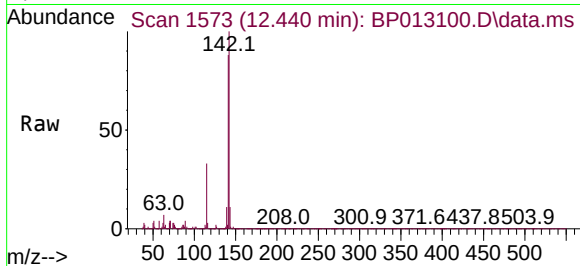
#37
2-Methylnaphthalene
Concen: 8.134 ng
RT: 12.440 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:142 Resp: 70079
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6
115 32.6 25.7 38.5

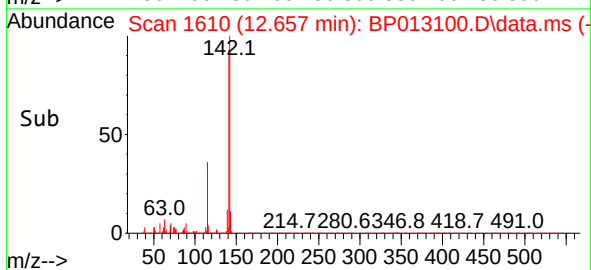
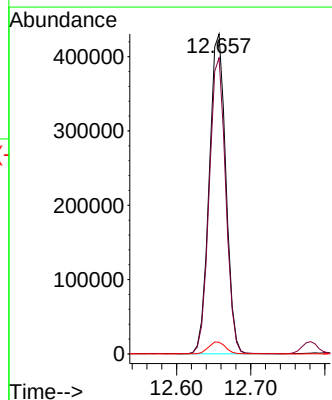
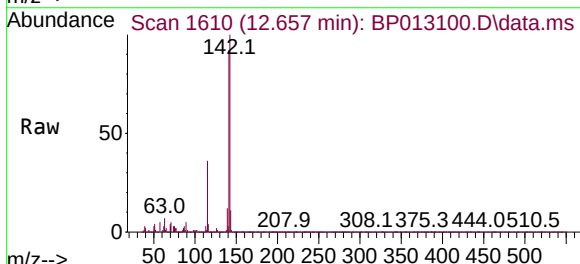
Manual Integrations
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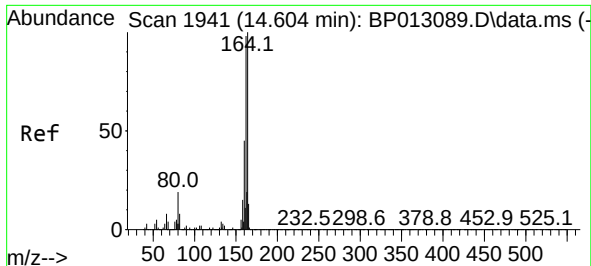
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#38
1-Methylnaphthalene
Concen: 7.985 ng
RT: 12.657 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

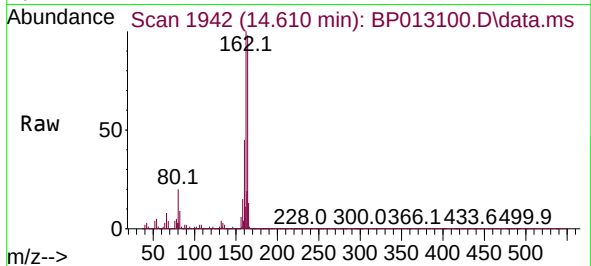
Tgt Ion:142 Resp: 669955
Ion Ratio Lower Upper
142 100
141 92.5 73.0 109.4
116 3.6 2.8 4.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.610 min Scan# 1941
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

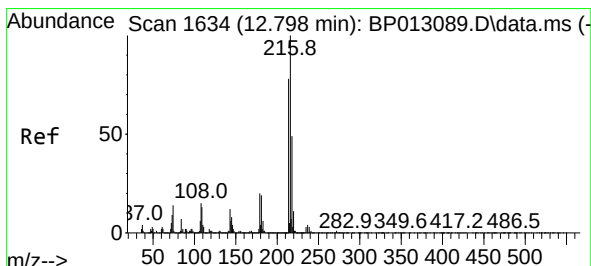
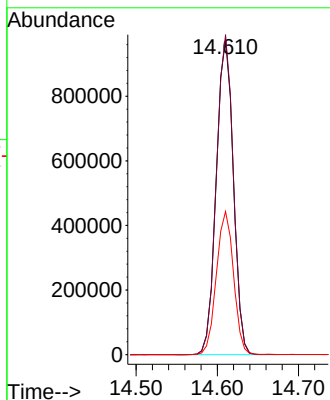
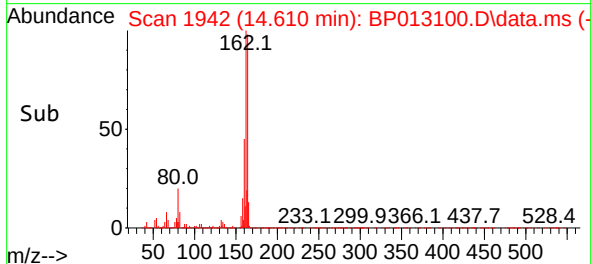
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:164 Resp: 1420960
Ion Ratio Lower Upper
164 100
162 101.7 78.8 118.2
160 45.5 36.0 54.0

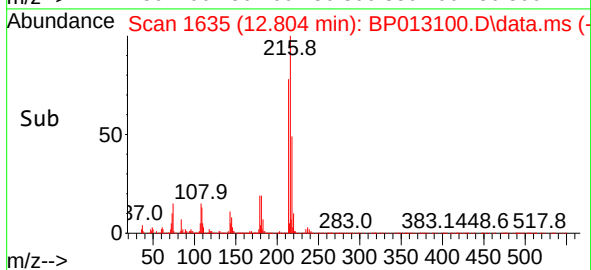
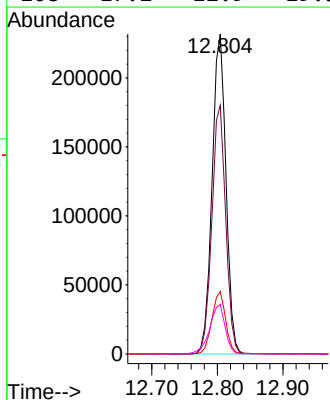
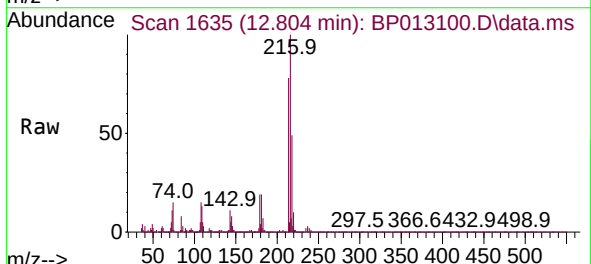
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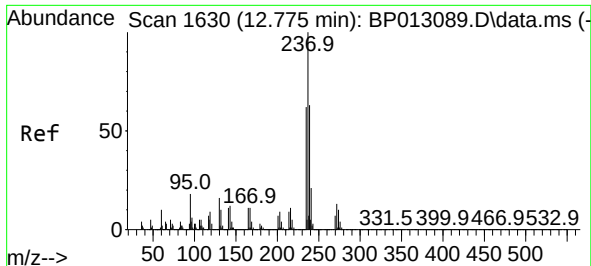
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 6.713 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

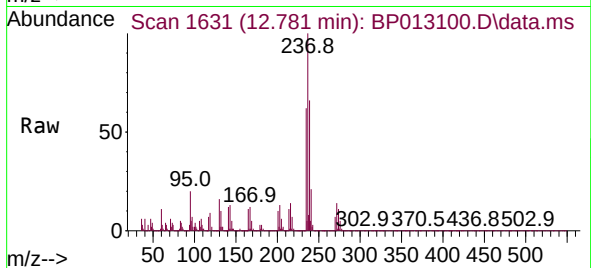
Tgt Ion:216 Resp: 340274
Ion Ratio Lower Upper
216 100
214 77.8 62.6 94.0
179 19.4 15.7 23.5
108 17.2 12.9 19.3





#41
Hexachlorocyclopentadiene
Concen: 8.118 ng
RT: 12.781 min Scan# 1631
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

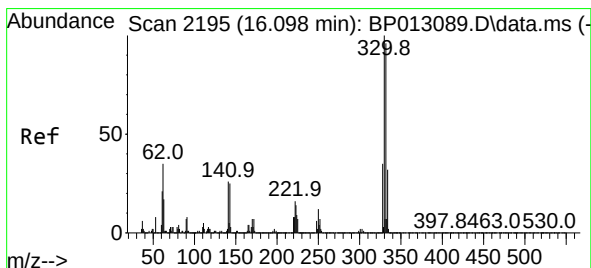
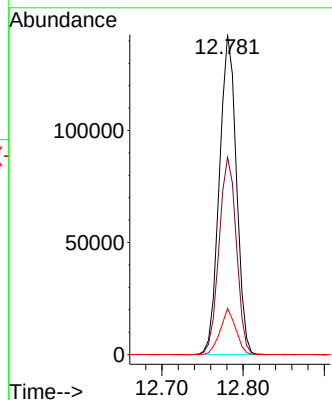
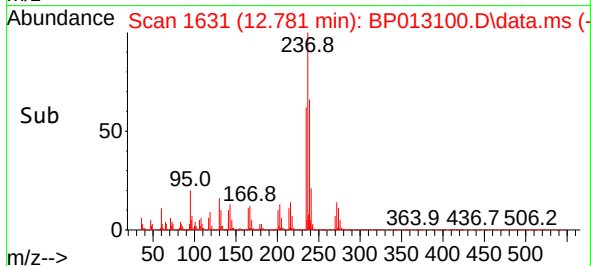
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 237 Resp: 207502
Ion Ratio Lower Upper
237 100
235 61.7 41.8 81.8
272 14.5 0.0 32.7

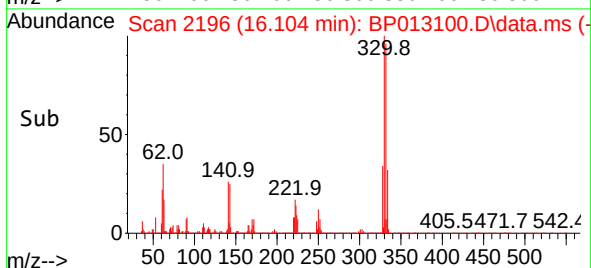
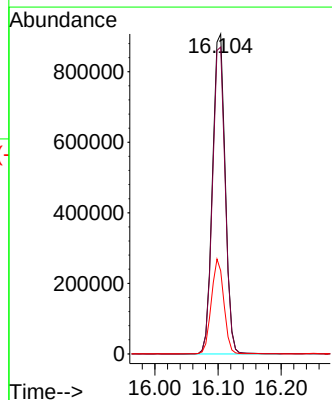
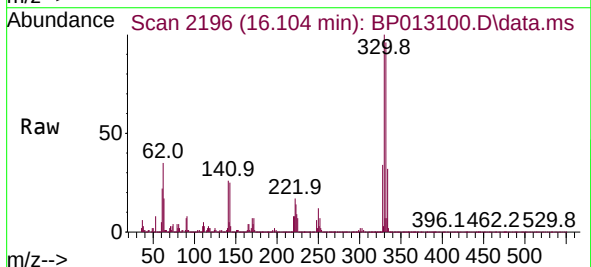
Manual Integrations
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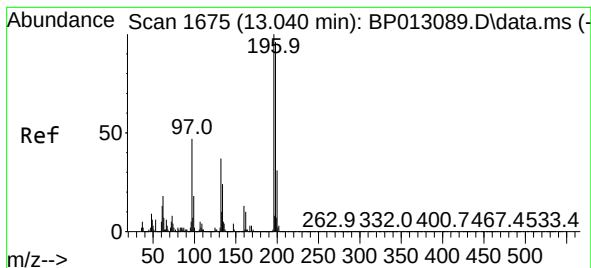
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#42
2,4,6-Tribromophenol
Concen: 73.879 ng
RT: 16.104 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

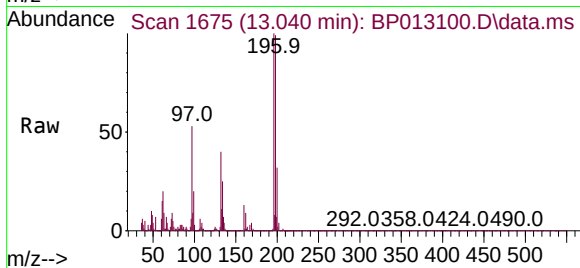
Tgt Ion: 330 Resp: 1265713
Ion Ratio Lower Upper
330 100
332 96.3 77.5 116.3
141 29.2 23.2 34.8





#43
2,4,6-Trichlorophenol
Concen: 7.322 ng
RT: 13.040 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

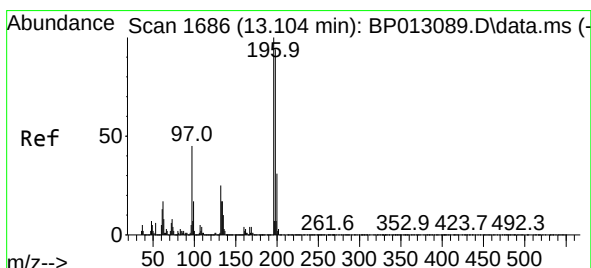
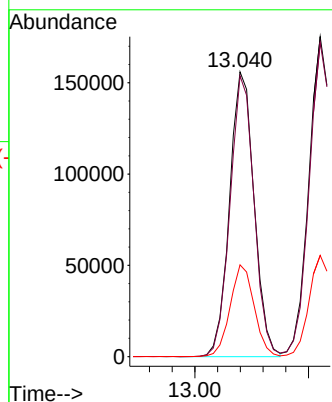
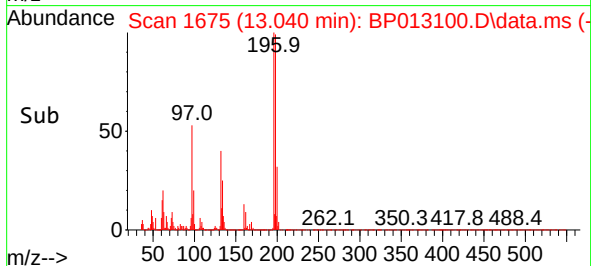
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



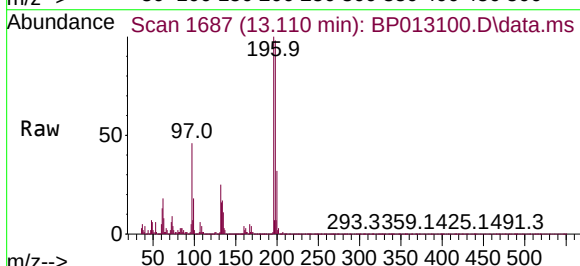
Tgt Ion:196 Resp: 234068
Ion Ratio Lower Upper
196 100
198 98.6 76.9 115.3
200 32.2 25.0 37.4

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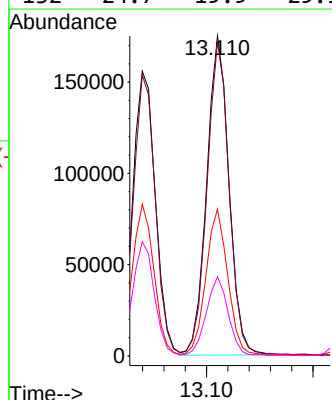
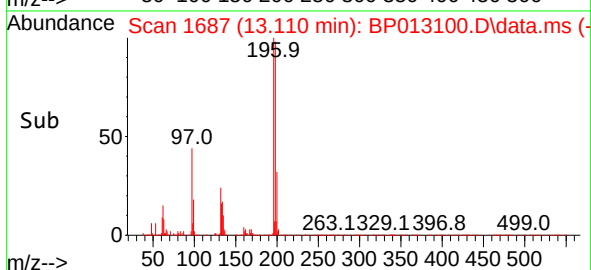
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

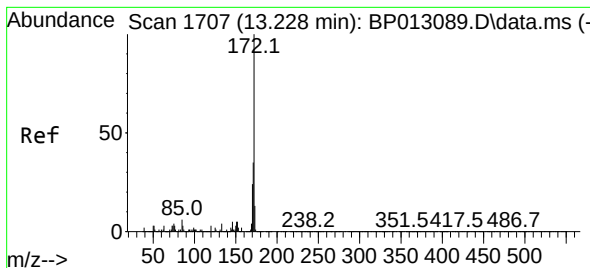


#44
2,4,5-Trichlorophenol
Concen: 7.360 ng
RT: 13.110 min Scan# 1687
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



Tgt Ion:196 Resp: 254184
Ion Ratio Lower Upper
196 100
198 98.1 75.3 112.9
97 45.9 36.1 54.1
132 24.7 19.9 29.9





#45

2-Fluorobiphenyl

Concen: 53.228 ng

RT: 13.234 min Scan# 1708

Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:172 Resp: 5570489

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

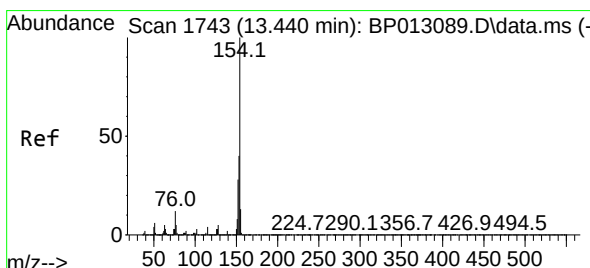
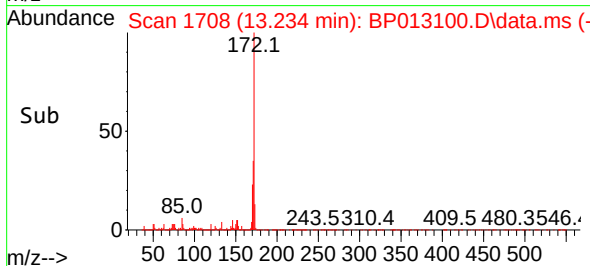
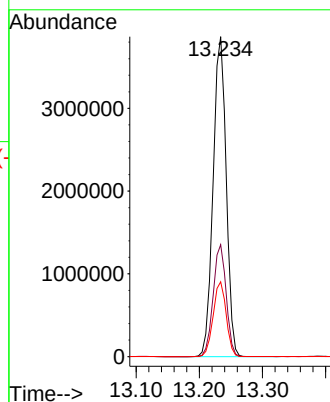
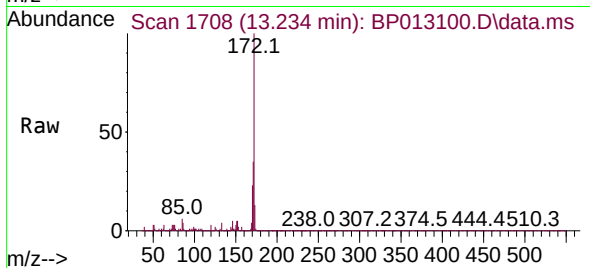
170 23.4 19.2 28.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#46

1,1'-Biphenyl

Concen: 6.952 ng

RT: 13.440 min Scan# 1743

Delta R.T. 0.000 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

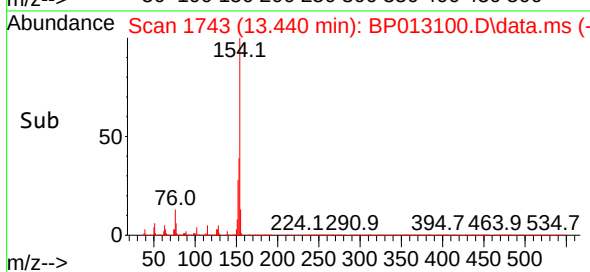
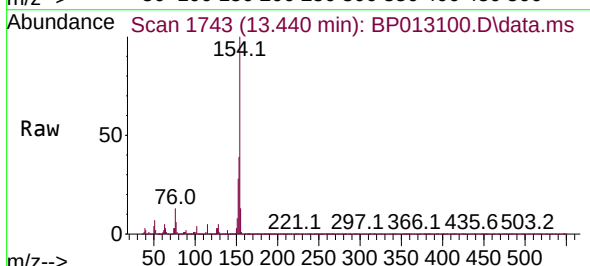
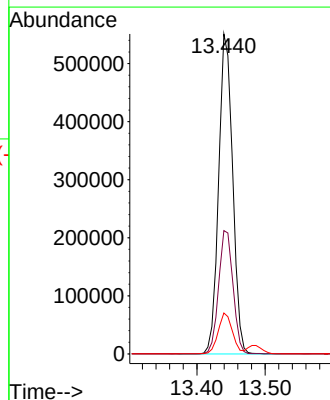
Tgt Ion:154 Resp: 781082

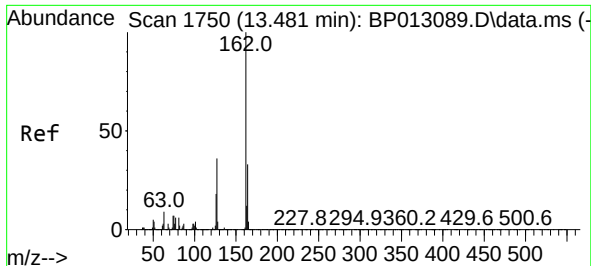
Ion Ratio Lower Upper

154 100

153 38.5 19.9 59.9

76 12.8 0.0 32.2





#47

2-Chloronaphthalene

Concen: 8.063 ng

RT: 13.487 min Scan# 1750

Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

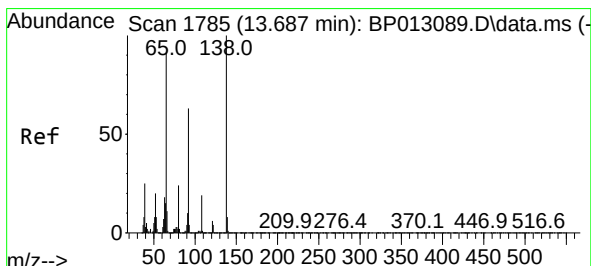
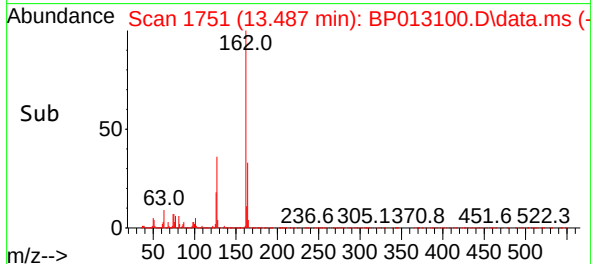
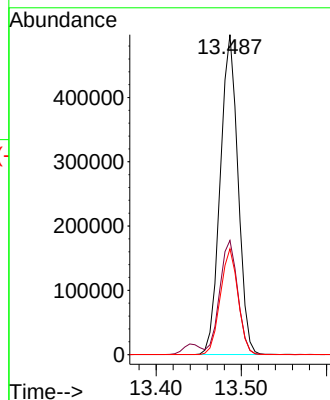
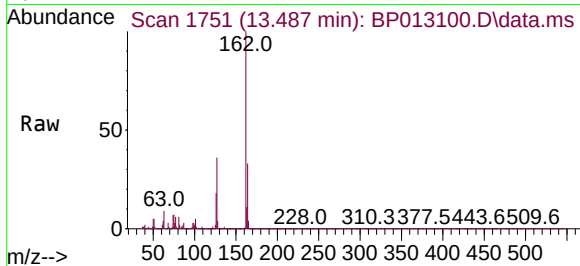
LOQ-WATER-02-QT4-2022

Tgt Ion:162	Resp: 719969
Ion Ratio	Lower Upper
162 100	
127 35.7	29.0 43.6
164 33.1	26.7 40.1

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#48

2-Nitroaniline

Concen: 6.868 ng

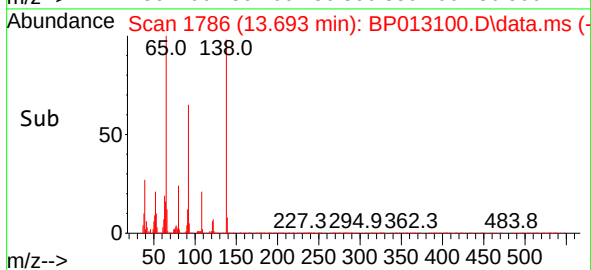
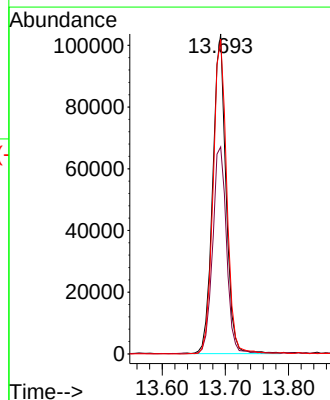
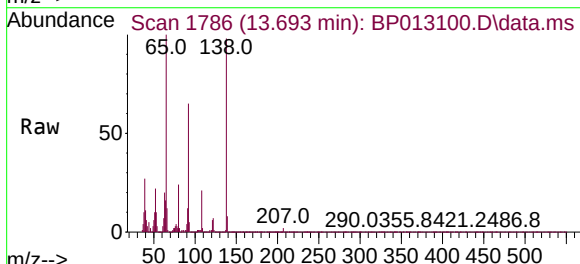
RT: 13.693 min Scan# 1786

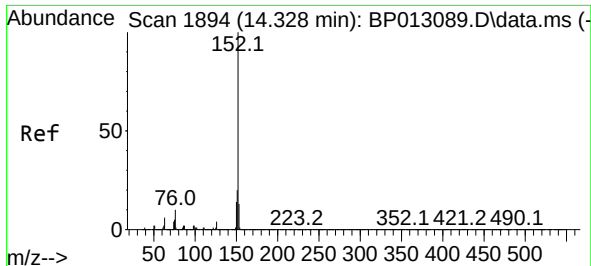
Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion: 65	Resp: 151733
Ion Ratio	Lower Upper
65 100	
92 64.7	55.4 83.2
138 98.4	88.1 132.1





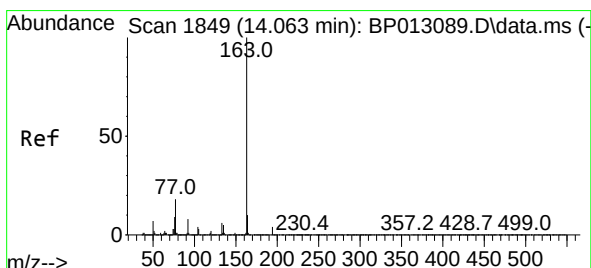
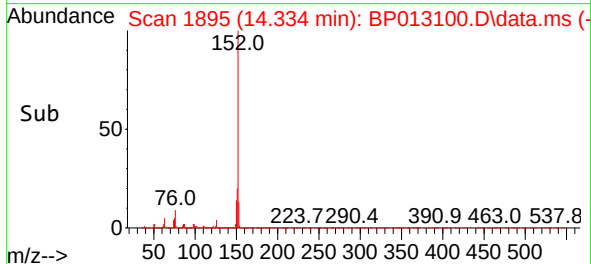
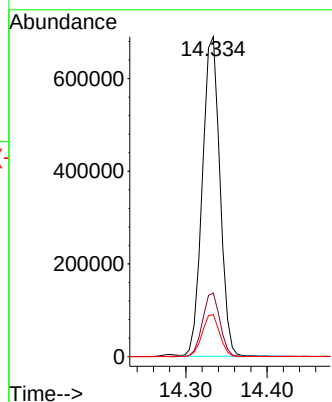
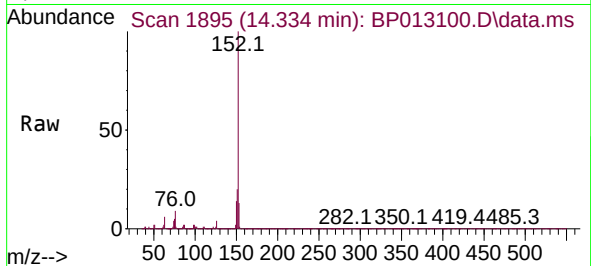
#49
Acenaphthylene
Concen: 7.895 ng
RT: 14.334 min Scan# 1895
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:152 Resp: 1037133
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.1 10.7 16.1

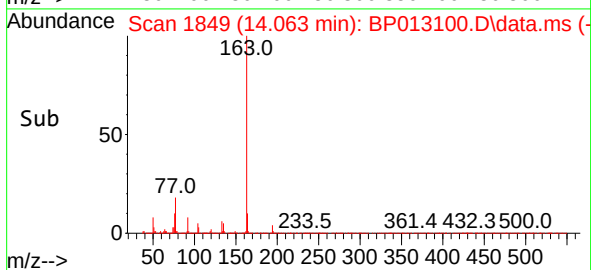
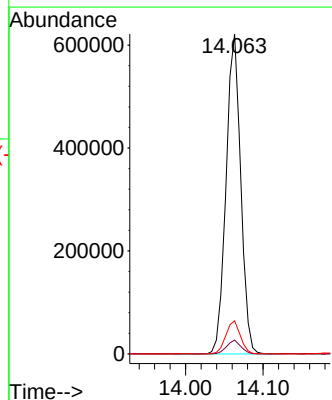
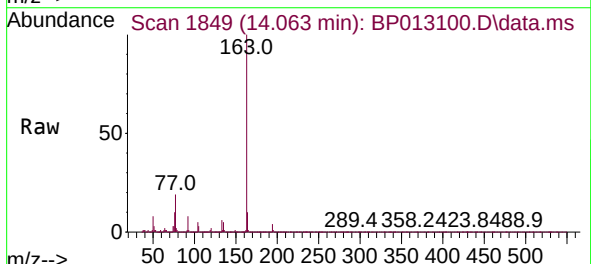
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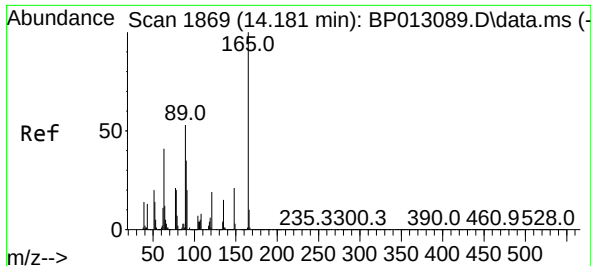
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#50
Dimethylphthalate
Concen: 7.861 ng
RT: 14.063 min Scan# 1849
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

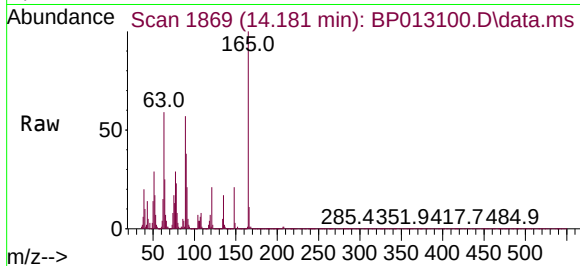
Tgt Ion:163 Resp: 817052
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 7.354 ng
RT: 14.181 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

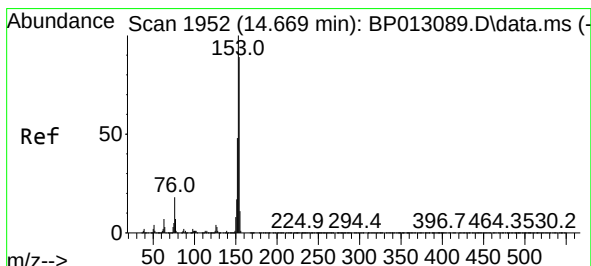
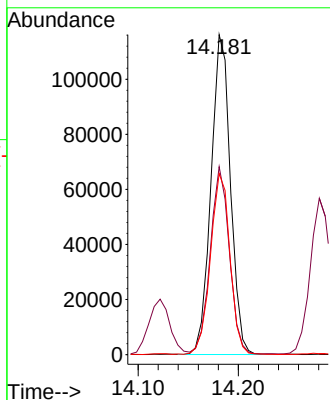
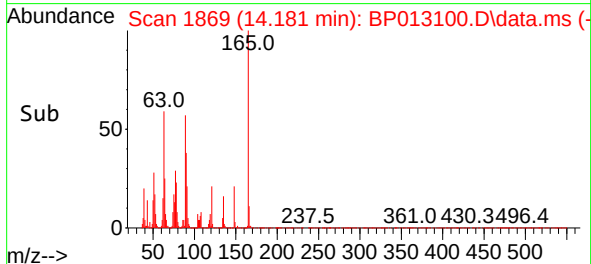
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 156418
Ion Ratio Lower Upper
165 100
63 58.7 41.8 62.8
89 56.6 42.4 63.6

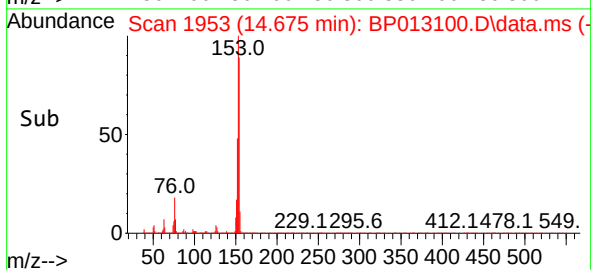
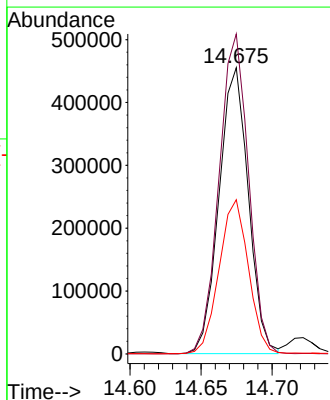
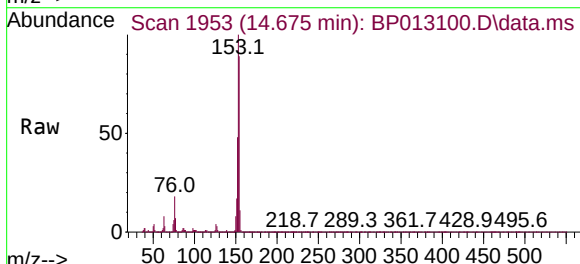
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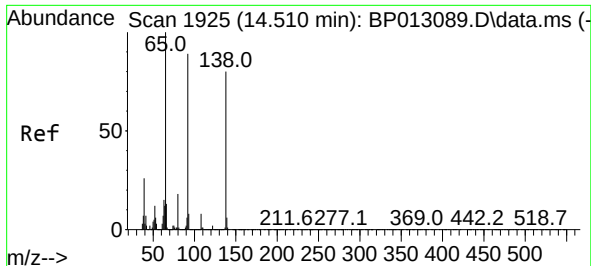
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#52
Acenaphthene
Concen: 8.002 ng
RT: 14.675 min Scan# 1953
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

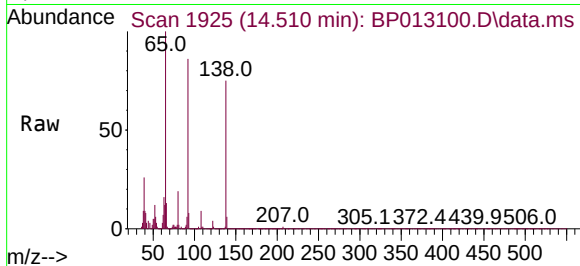
Tgt Ion:154 Resp: 653416
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 53.9 43.0 64.6





#53
3-Nitroaniline
Concen: 6.681 ng
RT: 14.510 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

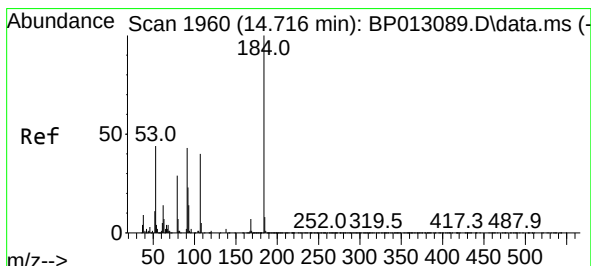
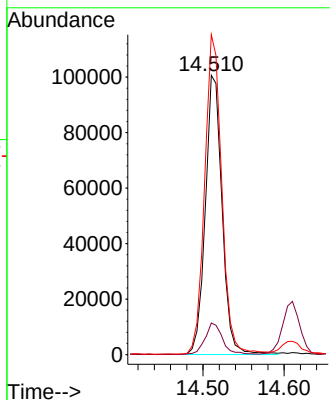
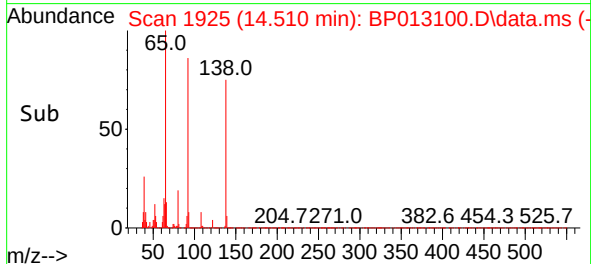
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



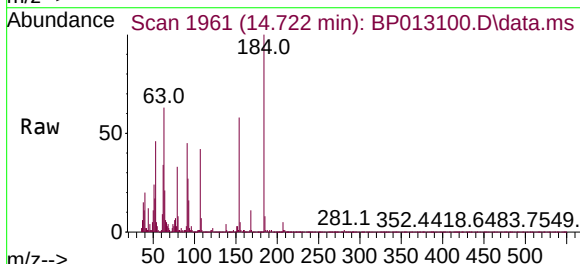
Tgt Ion:138 Resp: 144896
Ion Ratio Lower Upper
138 100
108 11.3 7.8 11.6
92 114.6 89.2 133.8

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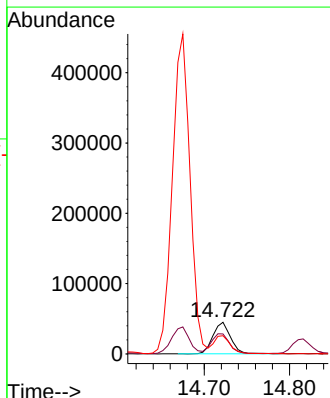
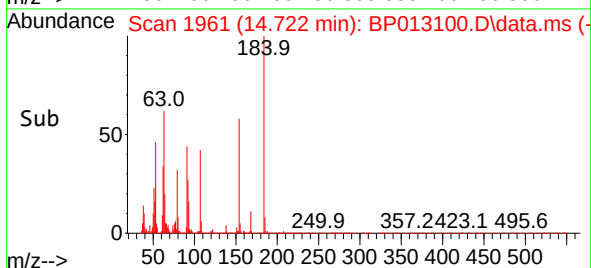
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

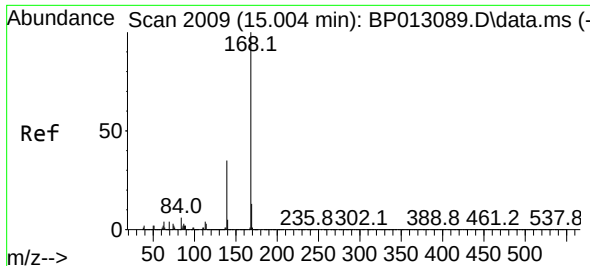


#54
2,4-Dinitrophenol
Concen: 5.109 ng
RT: 14.722 min Scan# 1961
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



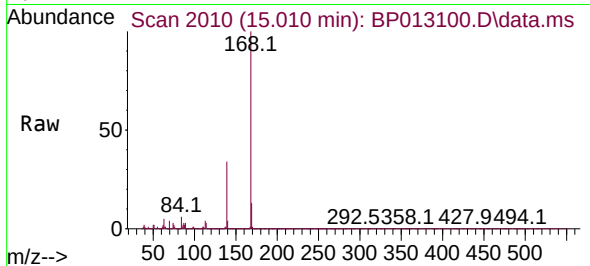
Tgt Ion:184 Resp: 64743
Ion Ratio Lower Upper
184 100
63 63.1 47.6 71.4
154 57.6 45.5 68.3





#55
Dibenzenofuran
Concen: 8.210 ng
RT: 15.010 min Scan# 20
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

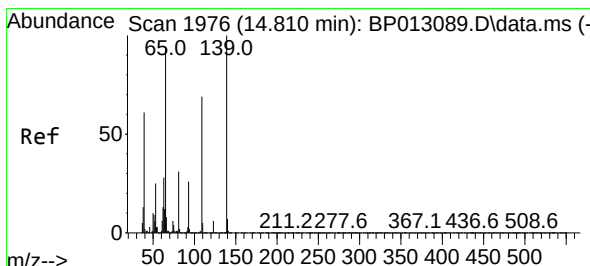
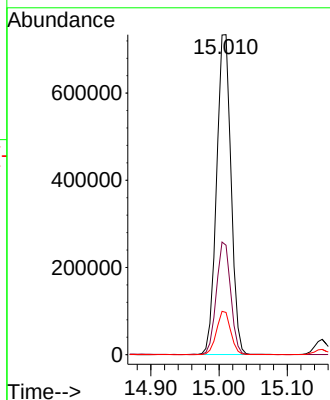
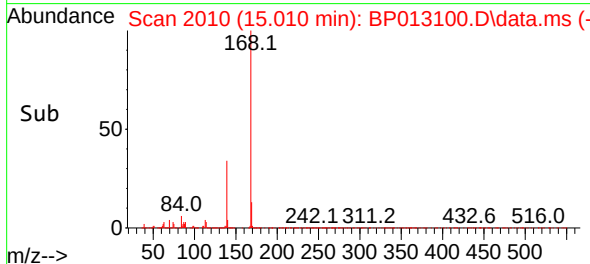
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:168 Resp: 1072868
Ion Ratio Lower Upper
168 100
139 34.2 27.8 41.8
169 13.2 10.7 16.1

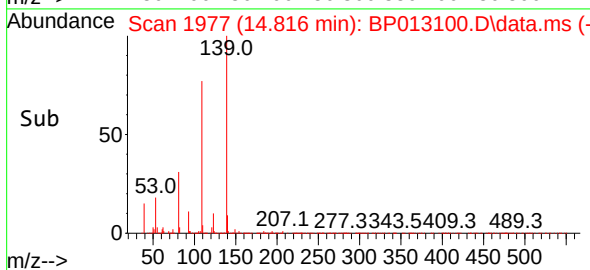
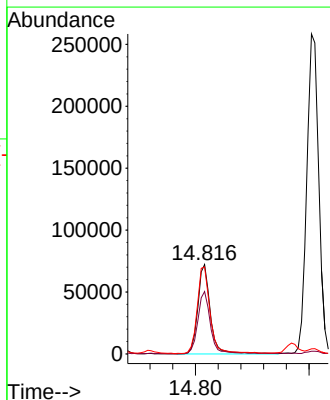
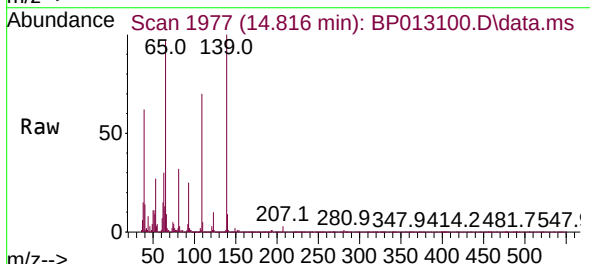
Manual Integrations
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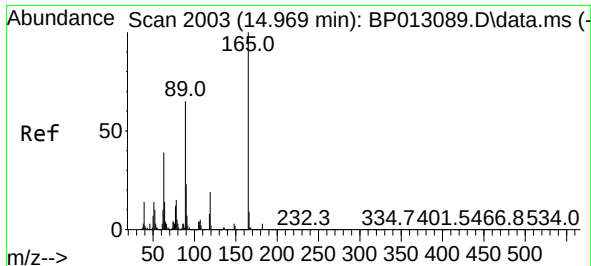
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#56
4-Nitrophenol
Concen: 6.179 ng
RT: 14.816 min Scan# 1977
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

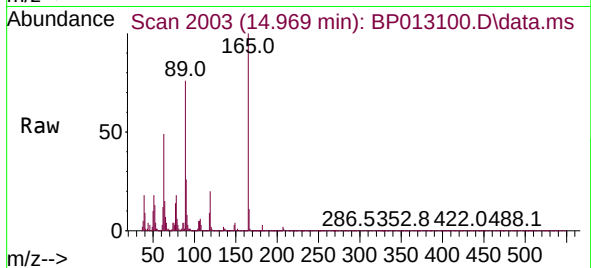
Tgt Ion:139 Resp: 109830
Ion Ratio Lower Upper
139 100
109 69.8 49.4 89.4
65 97.3 74.1 114.1





#57
2,4-Dinitrotoluene
Concen: 6.625 ng
RT: 14.969 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

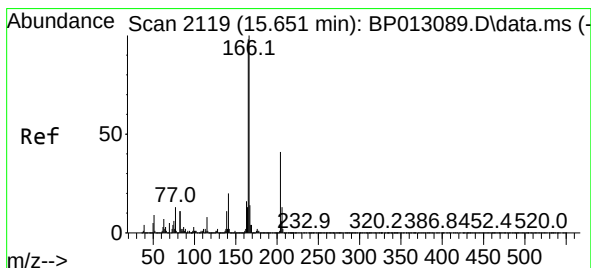
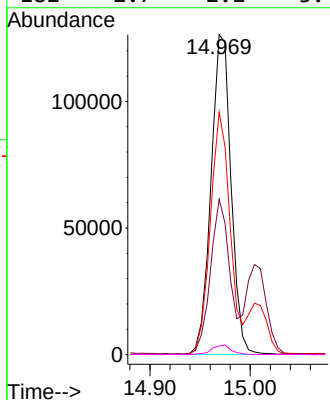
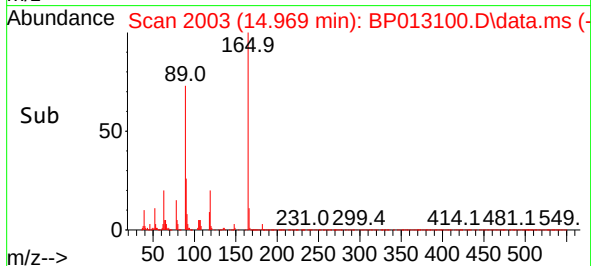
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:165 Resp: 176132
Ion Ratio Lower Upper
165 100
63 48.5 31.4 47.2
89 75.8 52.1 78.1
182 2.7 2.2 3.4

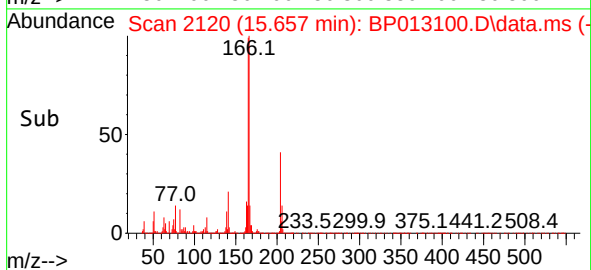
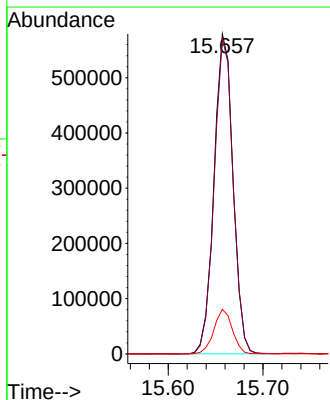
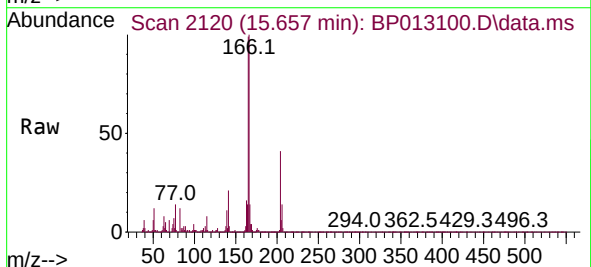
Manual Integrations
APPROVED

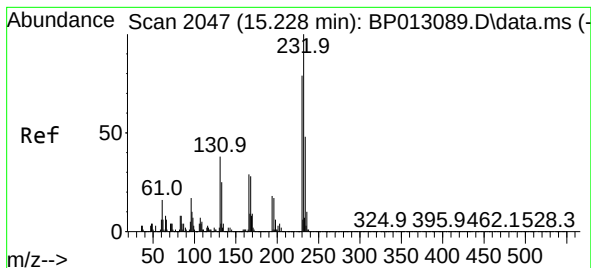
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#58
Fluorene
Concen: 7.966 ng
RT: 15.657 min Scan# 2120
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

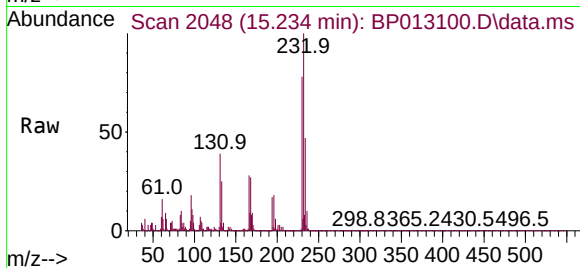
Tgt Ion:166 Resp: 805721
Ion Ratio Lower Upper
166 100
165 98.7 78.2 117.4
167 13.9 11.2 16.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 7.226 ng
RT: 15.234 min Scan# 2048
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

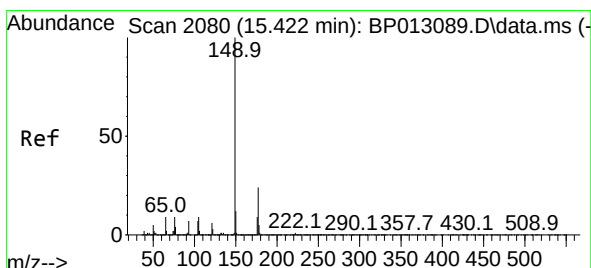
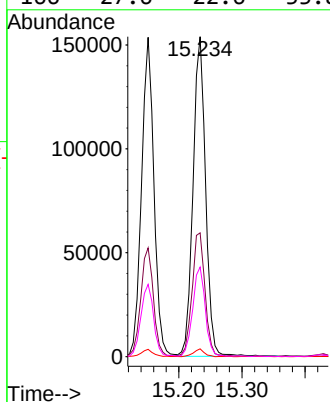
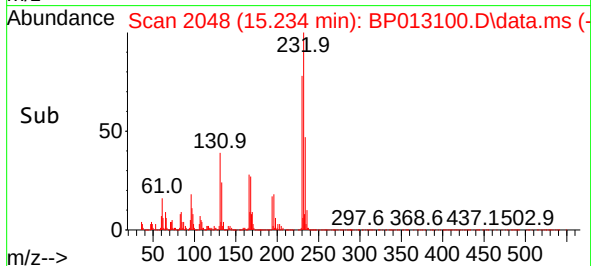
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:232 Resp: 213340
Ion Ratio Lower Upper
232 100
131 39.7 30.8 46.2
130 2.0 1.7 2.5
166 27.6 22.6 33.8

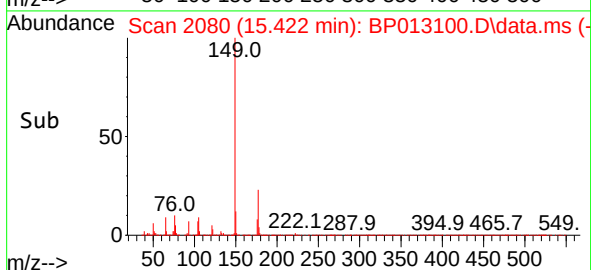
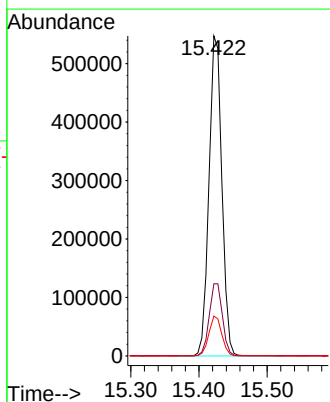
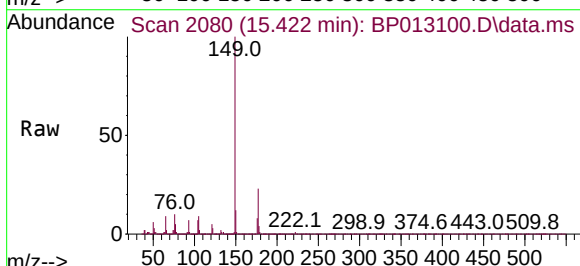
Manual Integrations
APPROVED

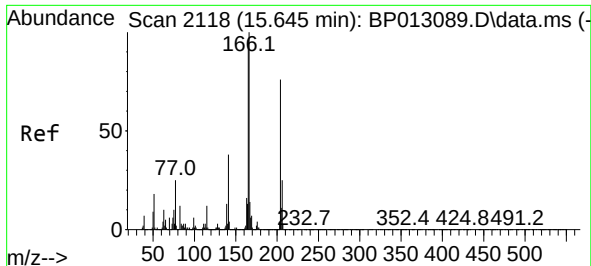
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#60
Diethylphthalate
Concen: 7.521 ng
RT: 15.422 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:149 Resp: 718588
Ion Ratio Lower Upper
149 100
177 22.5 19.0 28.4
150 12.4 9.9 14.9





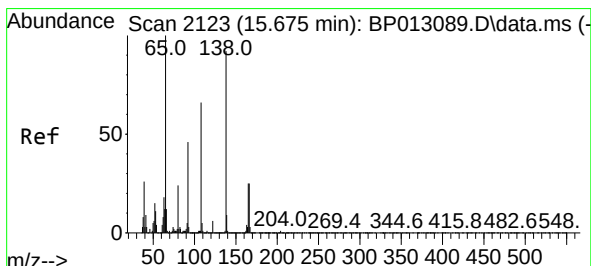
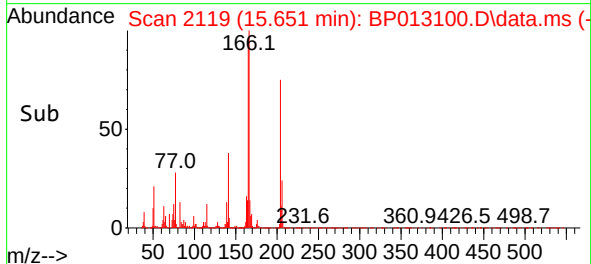
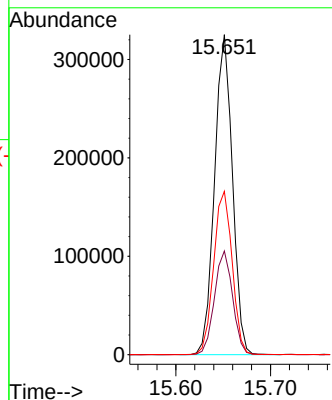
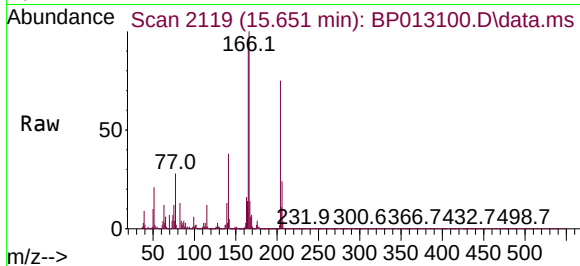
#61
4-Chlorophenyl-phenylether
Concen: 8.145 ng
RT: 15.651 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:204 Resp: 426352
Ion Ratio Lower Upper
204 100
206 32.4 26.6 39.8
141 51.0 39.9 59.9

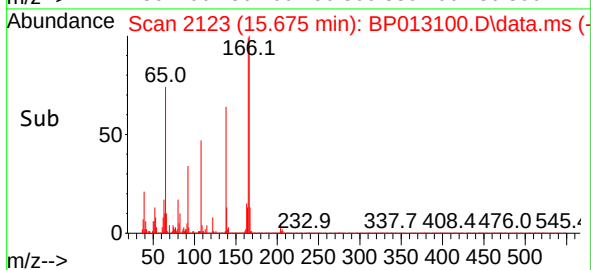
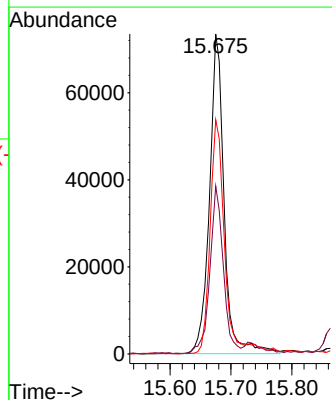
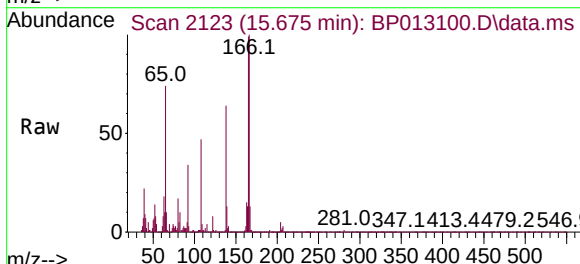
Manual Integrations
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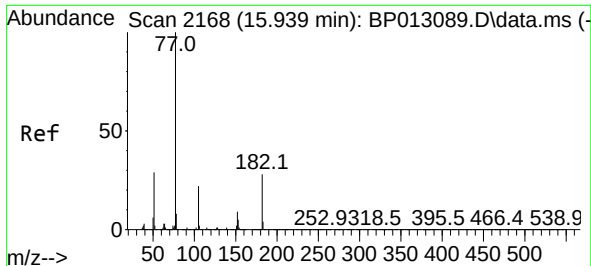
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#62
4-Nitroaniline
Concen: 6.074 ng
RT: 15.675 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

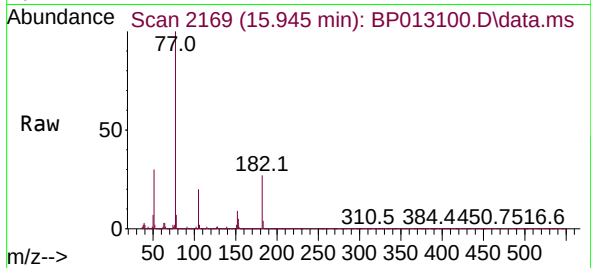
Tgt Ion:138 Resp: 122942
Ion Ratio Lower Upper
138 100
92 52.5 30.4 70.4
108 73.2 51.4 91.4





#63
Azobenzene
Concen: 7.699 ng
RT: 15.945 min Scan# 2168
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

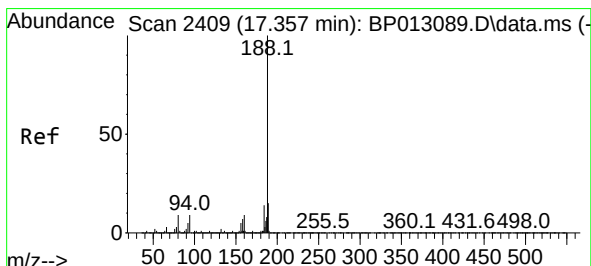
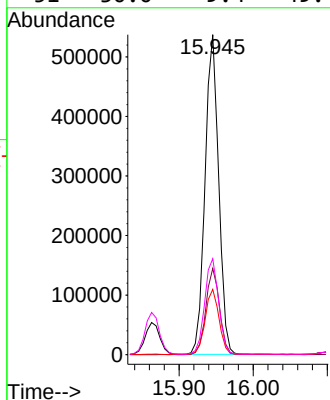
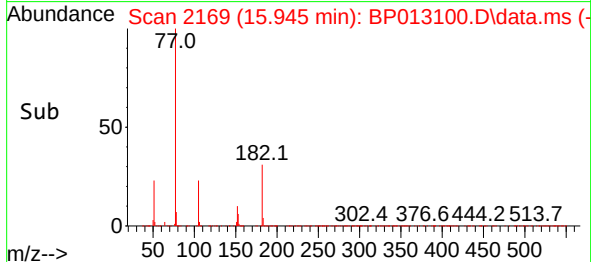
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion: 77 Resp: 683620
Ion Ratio Lower Upper
77 100
182 26.9 8.3 48.3
105 20.4 1.6 41.6
51 30.0 9.4 49.4

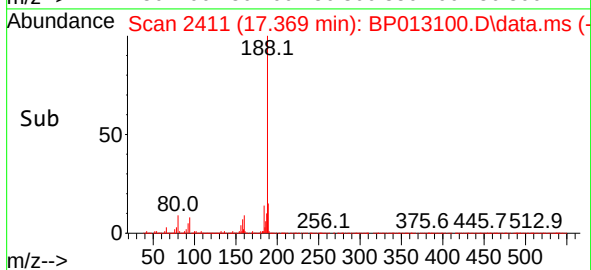
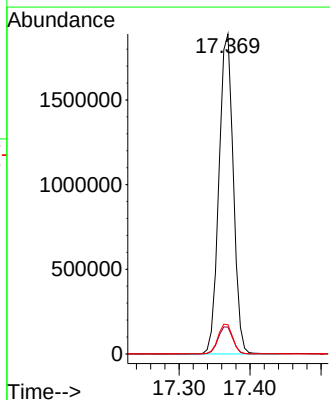
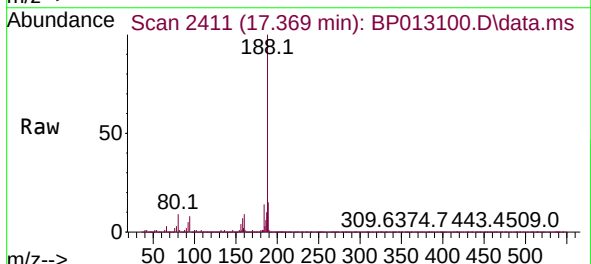
Manual Integrations
APPROVED

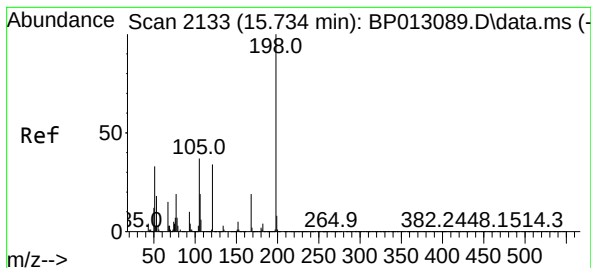
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.369 min Scan# 2411
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:188 Resp: 2659432
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 9.1 7.5 11.3





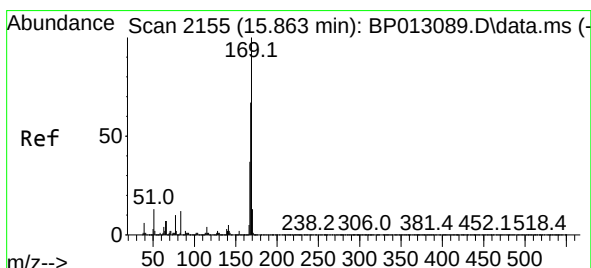
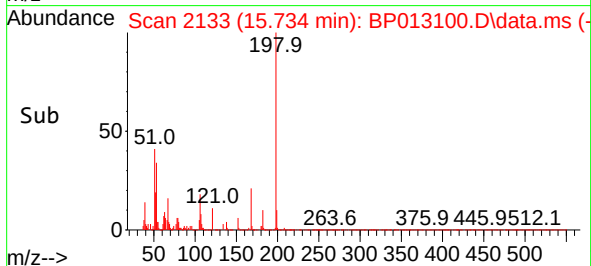
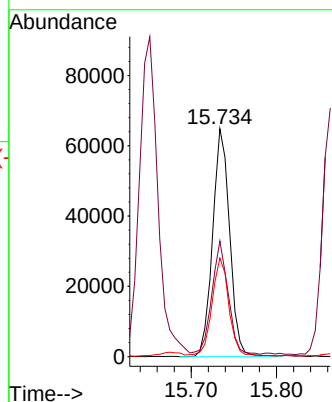
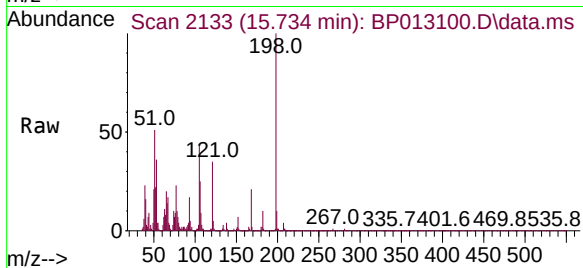
#65
4,6-Dinitro-2-methylphenol
Concen: 5.265 ng
RT: 15.734 min Scan# 2133
Delta R.T. -0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:198 Resp: 89945
Ion Ratio Lower Upper
198 100
51 50.7 18.9 58.9
105 43.2 18.2 58.2

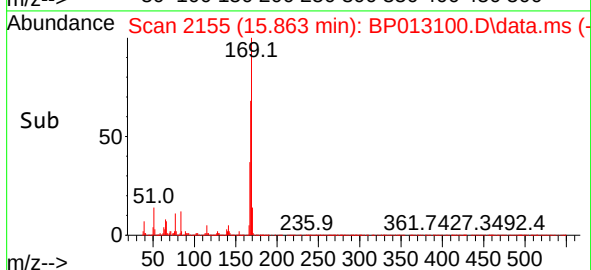
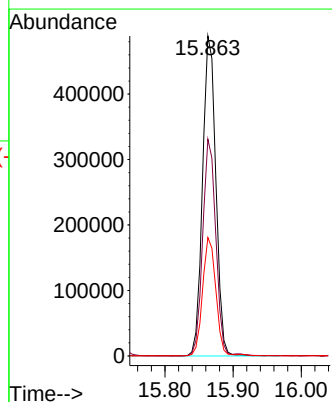
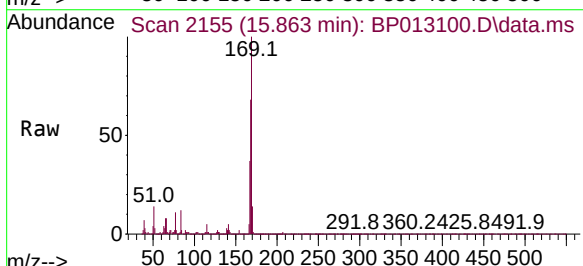
Manual Integrations
APPROVED

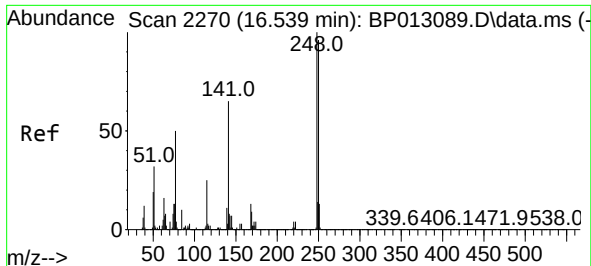
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#66
n-Nitrosodiphenylamine
Concen: 7.968 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

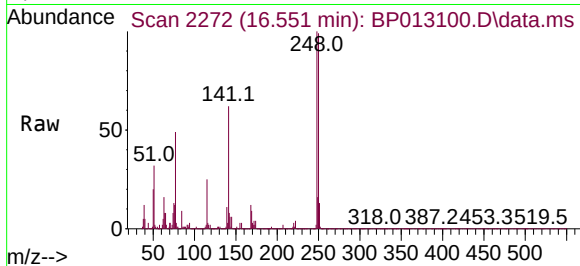
Tgt Ion:169 Resp: 661610
Ion Ratio Lower Upper
169 100
168 67.7 53.4 80.2
167 37.0 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 7.601 ng
RT: 16.551 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

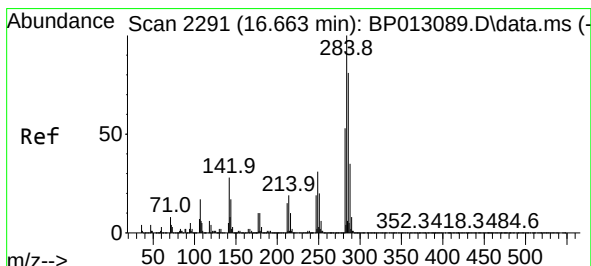
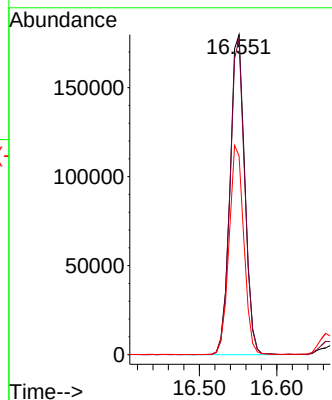
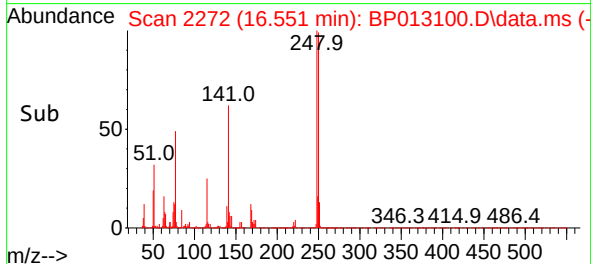
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:248 Resp: 239038
Ion Ratio Lower Upper
248 100
250 98.7 76.4 114.6
141 62.1 51.8 77.6

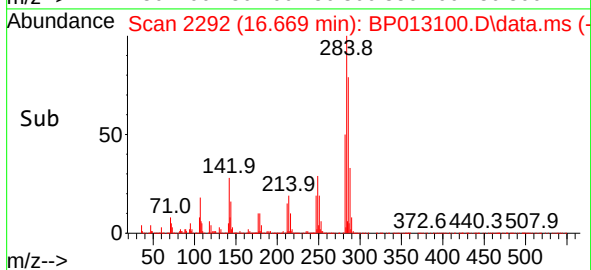
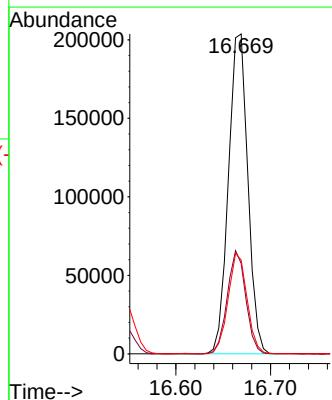
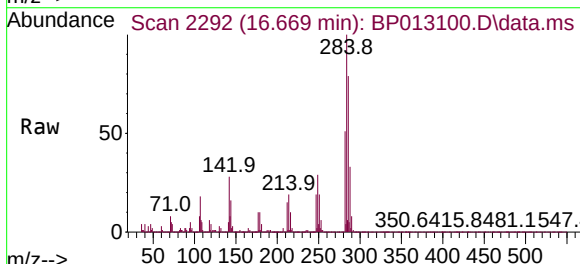
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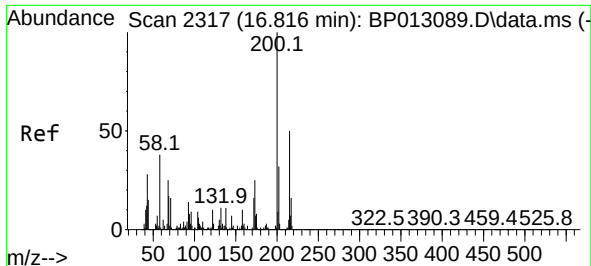
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#68
Hexachlorobenzene
Concen: 7.880 ng
RT: 16.669 min Scan# 2292
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

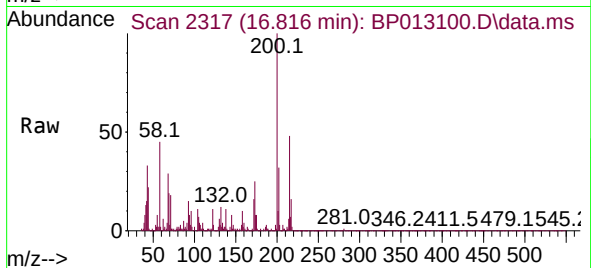
Tgt Ion:284 Resp: 290144
Ion Ratio Lower Upper
284 100
142 28.3 22.6 34.0
249 29.3 24.5 36.7





#69
Atrazine
Concen: 6.804 ng
RT: 16.816 min Scan# 2317
Delta R.T. 0.000 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

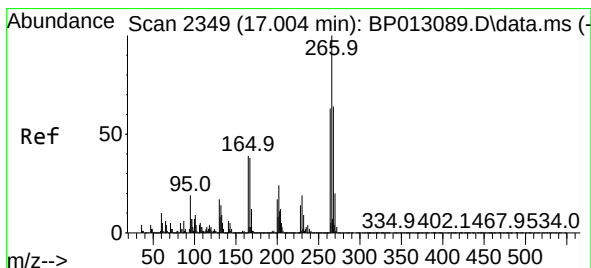
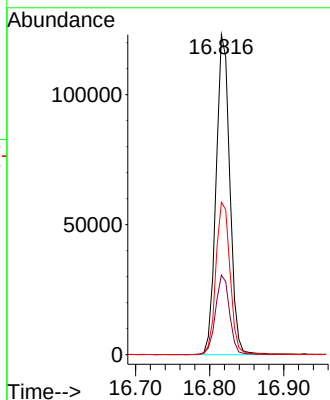
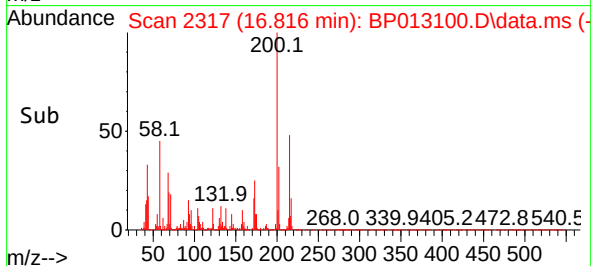
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



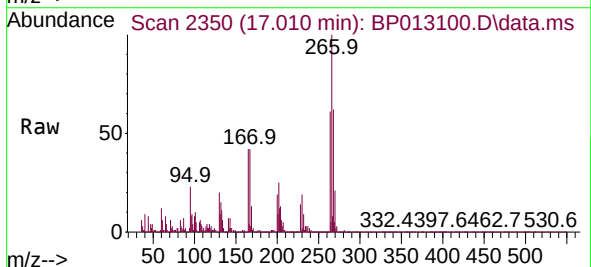
Tgt Ion:200 Resp: 158503
Ion Ratio Lower Upper
200 100
173 24.9 4.7 44.7
215 47.6 29.5 69.5

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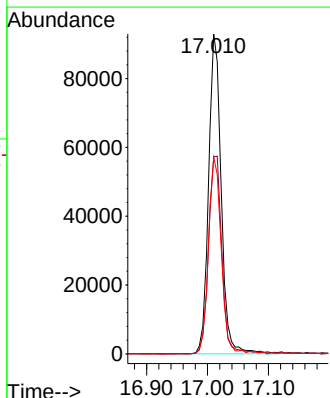
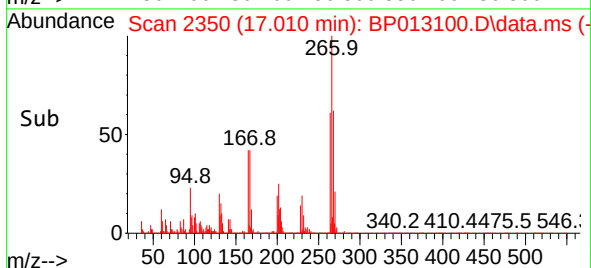
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

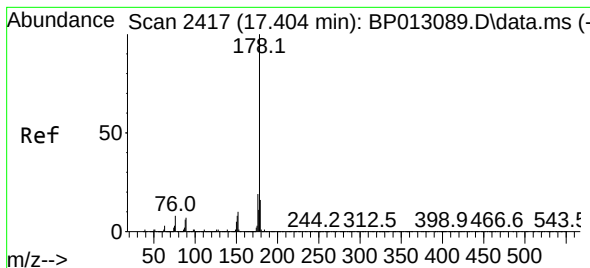


#70
Pentachlorophenol
Concen: 6.171 ng
RT: 17.010 min Scan# 2350
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



Tgt Ion:266 Resp: 133809
Ion Ratio Lower Upper
266 100
268 61.6 50.9 76.3
264 61.5 50.6 76.0





#71

Phenanthrene

Concen: 7.795 ng

RT: 17.410 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:178 Resp: 1179653

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

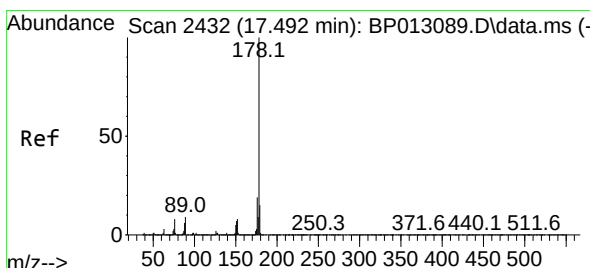
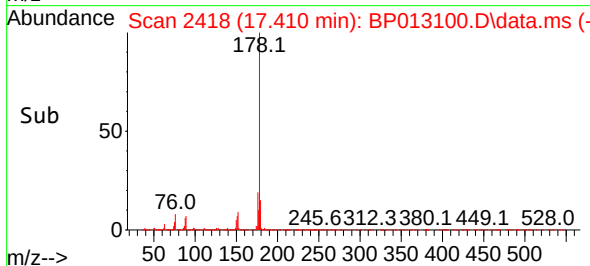
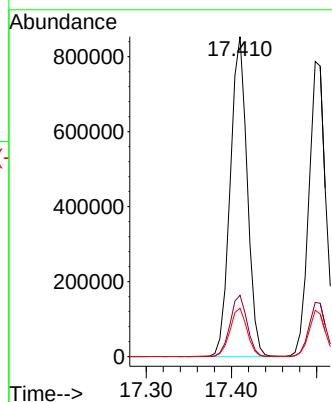
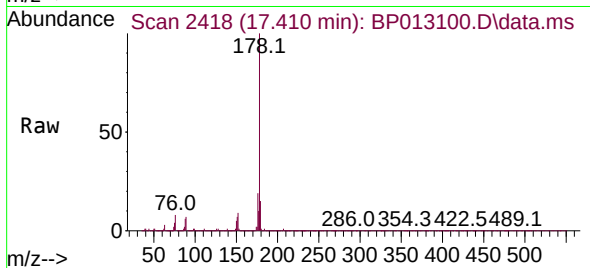
179 15.1 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#72

Anthracene

Concen: 7.787 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

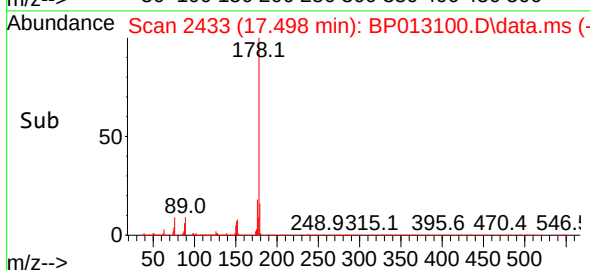
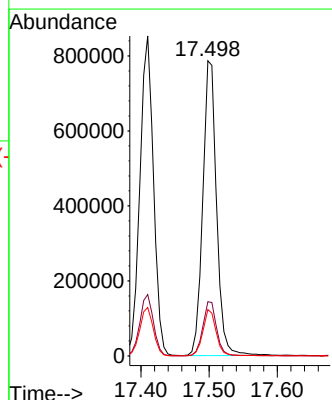
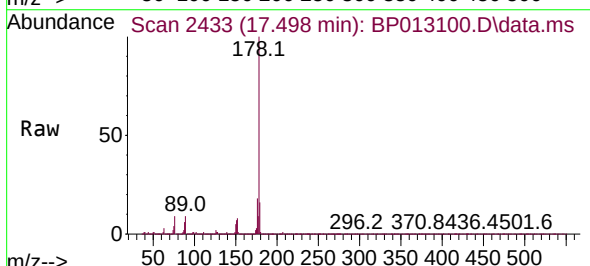
Tgt Ion:178 Resp: 1106262

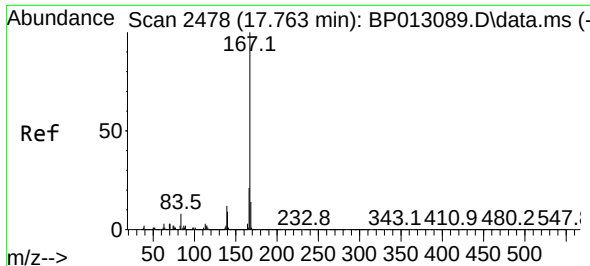
Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

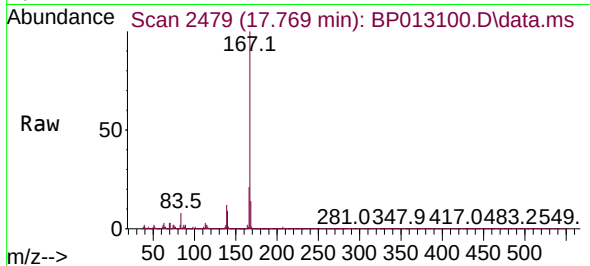
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 7.590 ng
 RT: 17.769 min Scan# 2478
 Delta R.T. 0.006 min
 Lab File: BP013100.D
 Acq: 13 Dec 2022 17:01

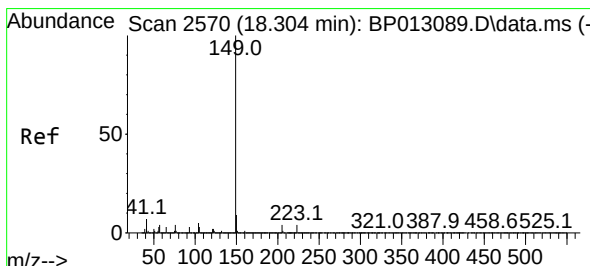
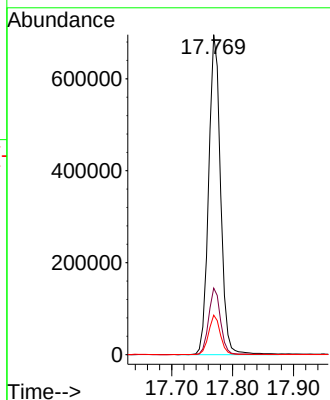
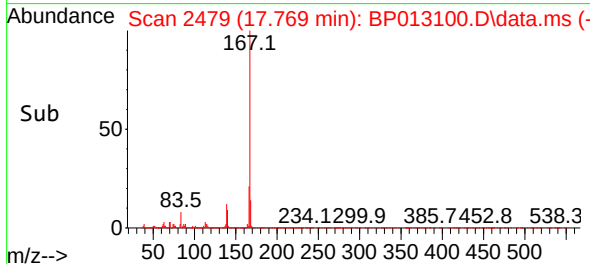
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



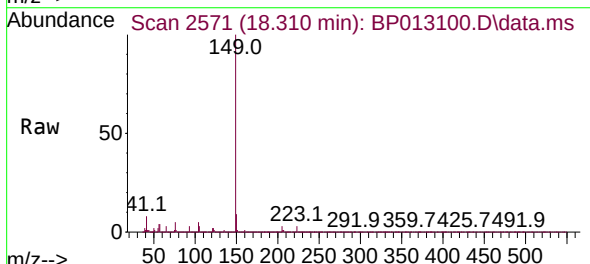
Tgt Ion:167 Resp: 945348
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.1 25.7
 139 12.3 9.7 14.5

Manual Integrations
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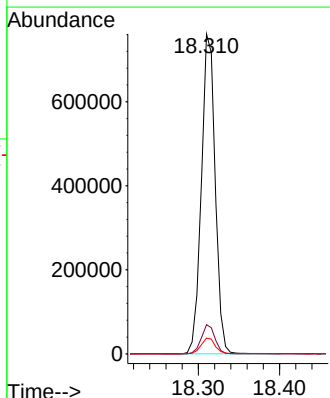
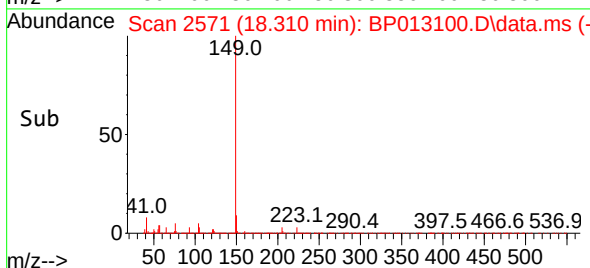
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022

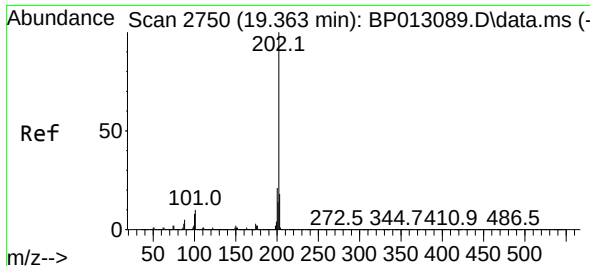


#74
 Di-n-butylphthalate
 Concen: 6.591 ng
 RT: 18.310 min Scan# 2571
 Delta R.T. 0.006 min
 Lab File: BP013100.D
 Acq: 13 Dec 2022 17:01



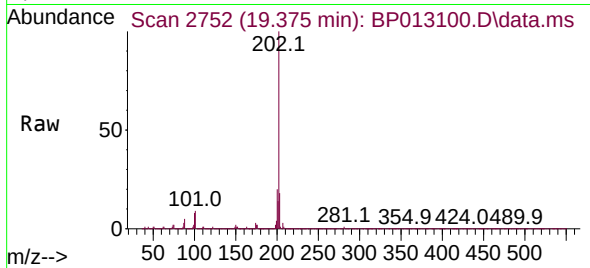
Tgt Ion:149 Resp: 902903
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 7.185 ng
RT: 19.375 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

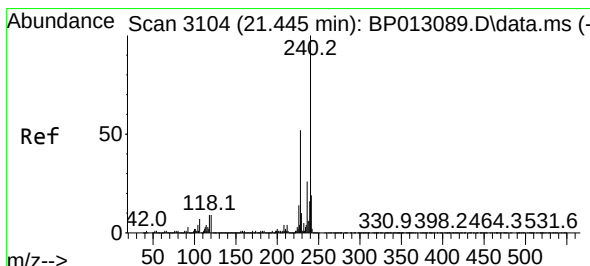
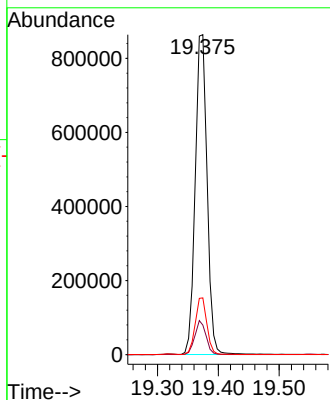
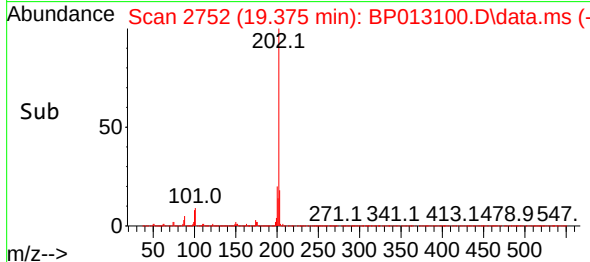
Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:202 Resp: 1170301
Ion Ratio Lower Upper
202 100
101 9.2 0.0 30.0
203 17.7 0.0 37.6

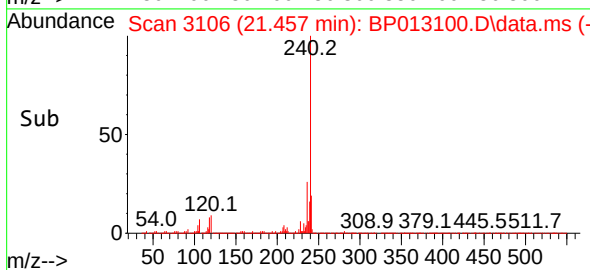
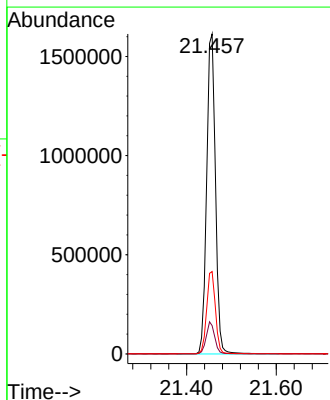
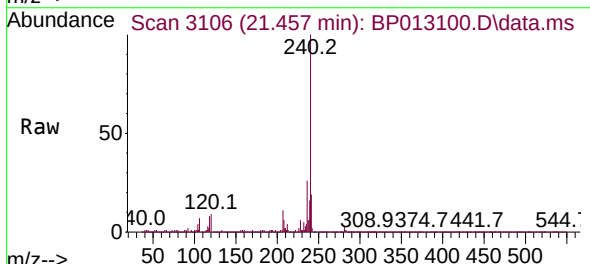
Manual Integrations
APPROVED

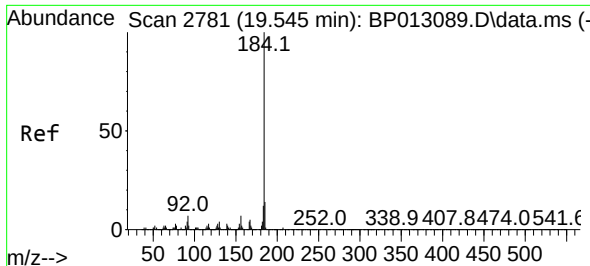
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3106
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:240 Resp: 2193481
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 25.7 21.0 31.4





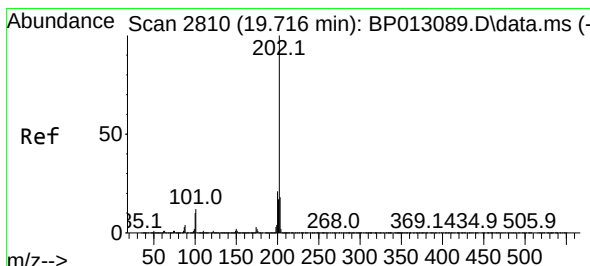
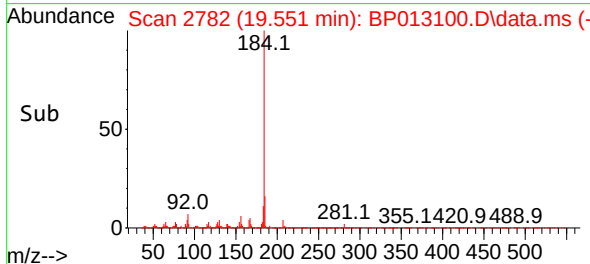
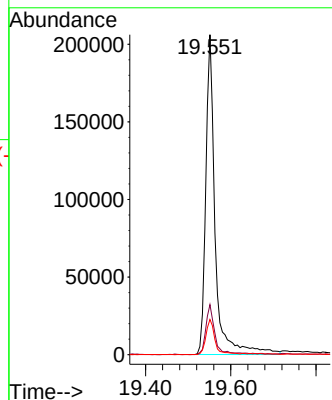
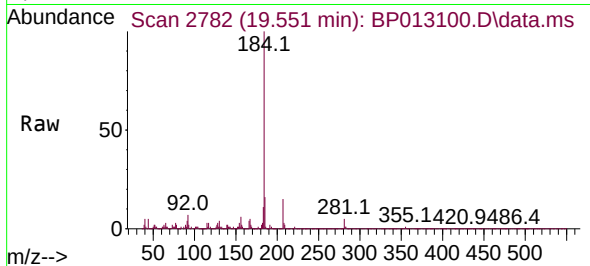
#77
Benzidine
Concen: 10.171 ng
RT: 19.551 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Tgt Ion:184 Resp: 31689
Ion Ratio Lower Upper
184 100
185 15.6 11.6 17.4
183 11.0 9.4 14.0

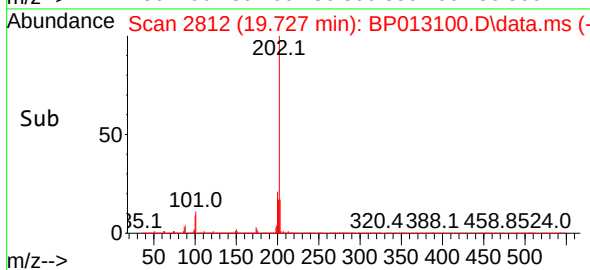
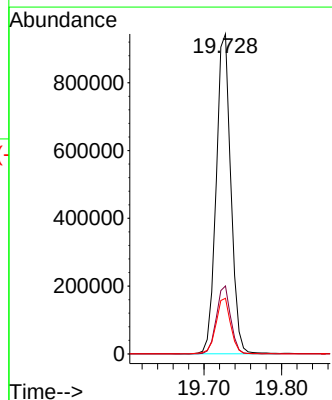
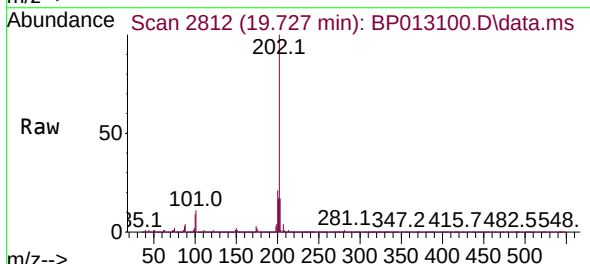
Manual Integrations
APPROVED

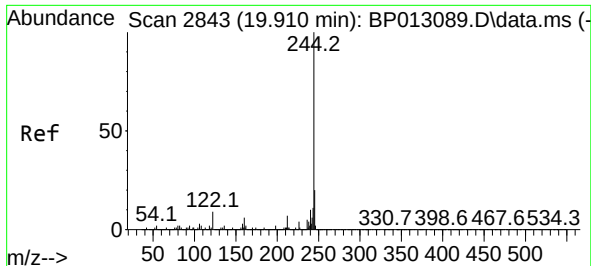
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#78
Pyrene
Concen: 7.838 ng
RT: 19.727 min Scan# 2812
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

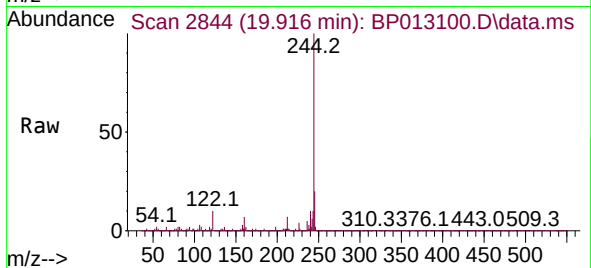
Tgt Ion:202 Resp: 1235435
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.4 14.2 21.2





#79
 Terphenyl-d14
 Concen: 56.082 ng
 RT: 19.916 min Scan# 2843
 Delta R.T. 0.006 min
 Lab File: BP013100.D
 Acq: 13 Dec 2022 17:01

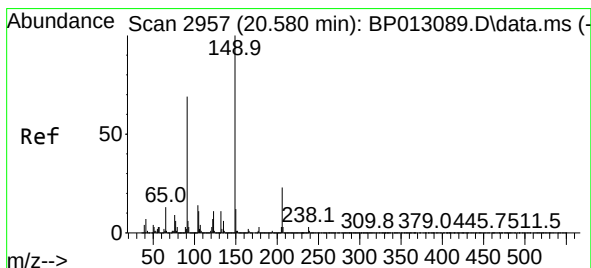
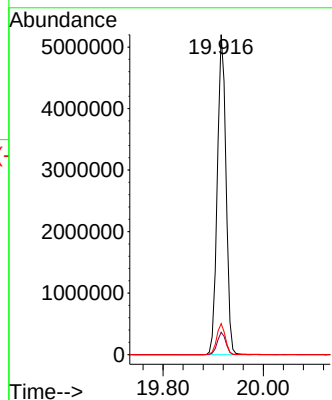
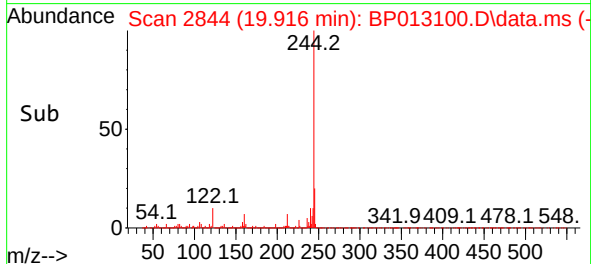
Instrument :
 BNA_P
 ClientSampleId :
 LOQ-WATER-02-QT4-2022



Tgt Ion:244 Resp: 6235278
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.7 7.2 10.8

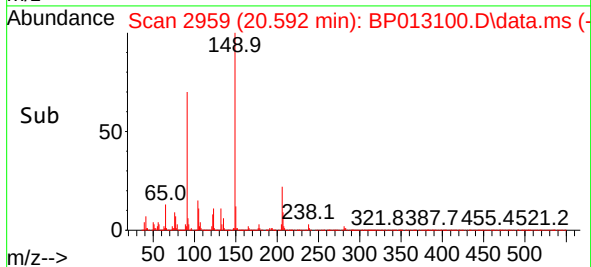
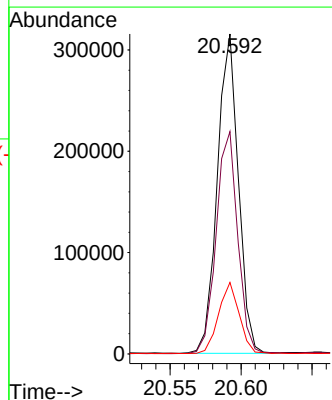
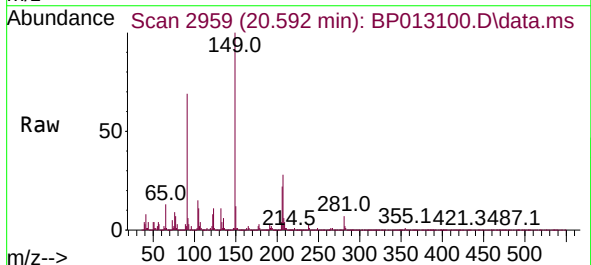
Manual Integrations
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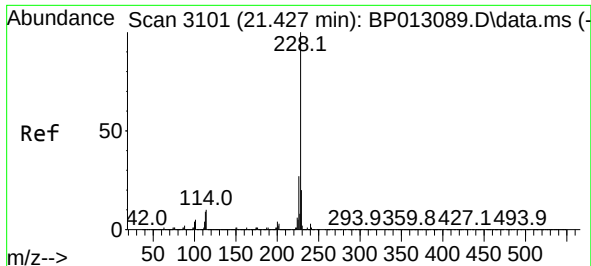
Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#80
 Butylbenzylphthalate
 Concen: 6.361 ng
 RT: 20.592 min Scan# 2959
 Delta R.T. 0.012 min
 Lab File: BP013100.D
 Acq: 13 Dec 2022 17:01

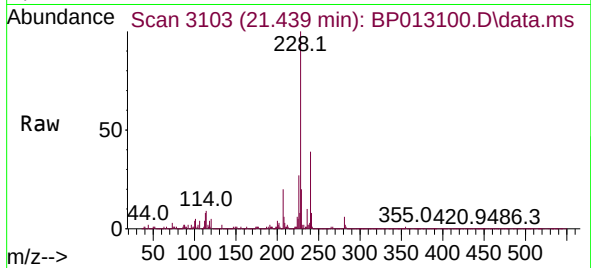
Tgt Ion:149 Resp: 325039
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.2 82.8
 206 22.3 18.3 27.5





#81
Benzo(a)anthracene
Concen: 7.736 ng
RT: 21.439 min Scan# 3101
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

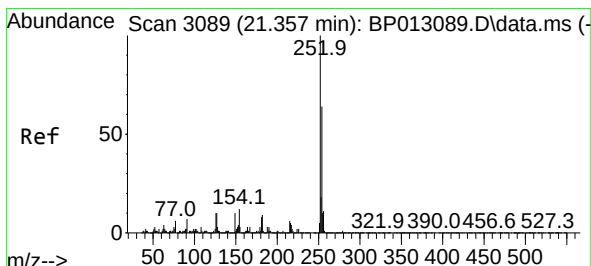
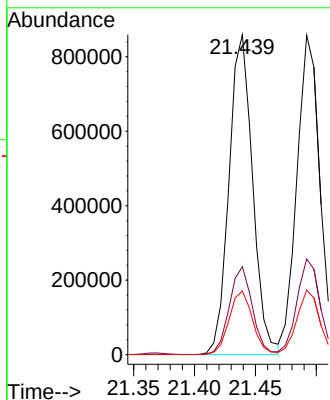
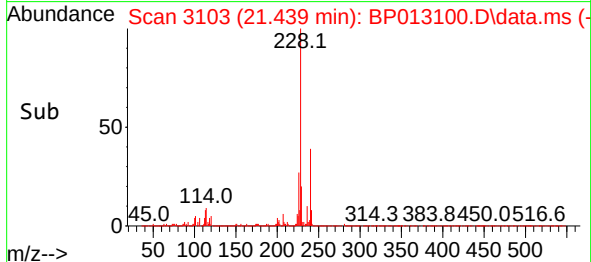
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



Tgt Ion:228 Resp: 1159860
Ion Ratio Lower Upper
228 100
226 27.5 22.0 33.0
229 19.9 16.2 24.4

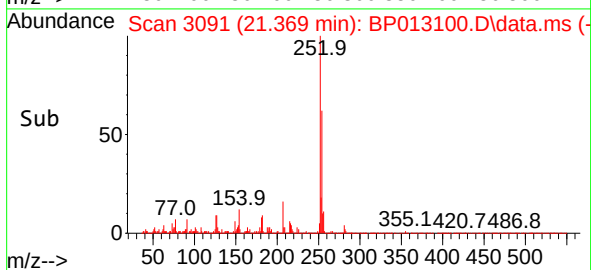
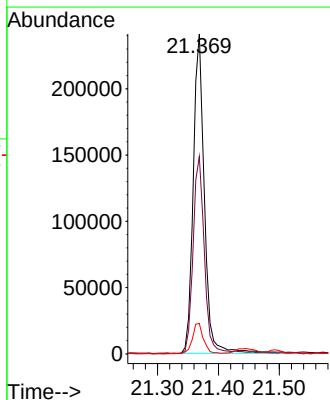
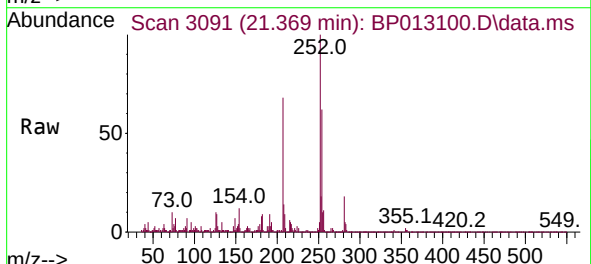
Manual Integrations
APPROVED

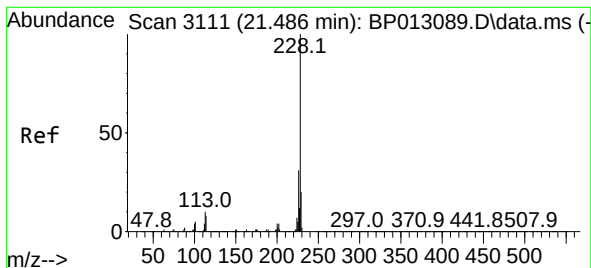
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#82
3,3'-Dichlorobenzidine
Concen: 6.882 ng
RT: 21.369 min Scan# 3091
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

Tgt Ion:252 Resp: 307259
Ion Ratio Lower Upper
252 100
254 61.7 51.0 76.4
126 9.5 7.8 11.8





#83

Chrysene

Concen: 7.762 ng

RT: 21.492 min Scan# 3111

Delta R.T. 0.006 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

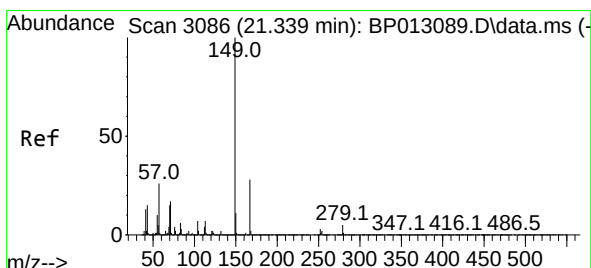
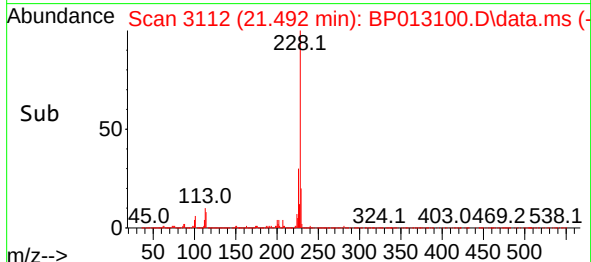
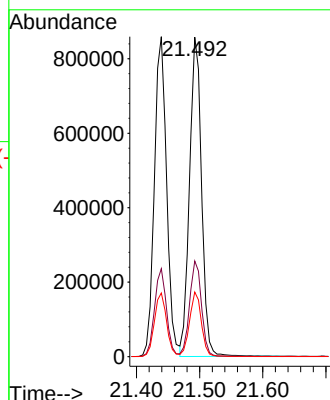
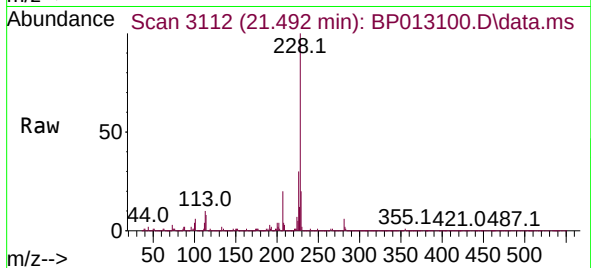
LOQ-WATER-02-QT4-2022

Tgt Ion:228 Resp: 1135105
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.3 36.5
 229 20.2 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
 Supervised By :mohammad ahmed 12/14/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.504 ng

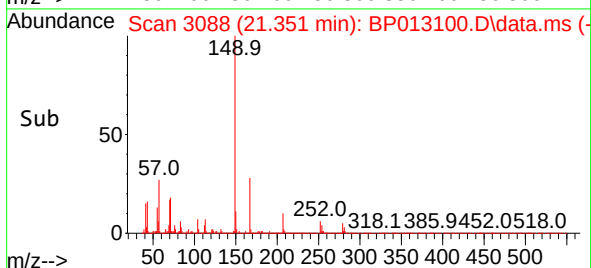
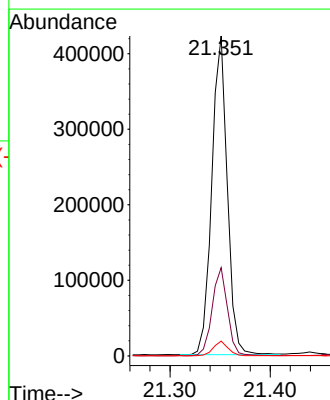
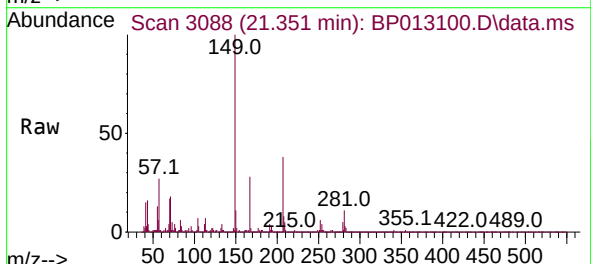
RT: 21.351 min Scan# 3088

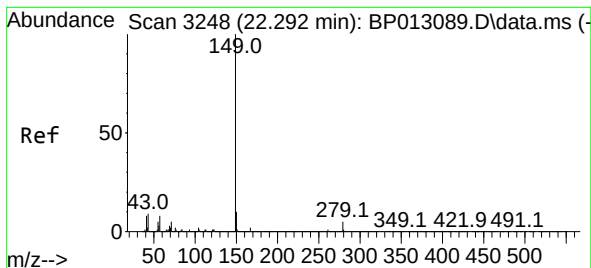
Delta R.T. 0.012 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion:149 Resp: 452045
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.6 34.0
 279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 6.194 ng

RT: 22.304 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

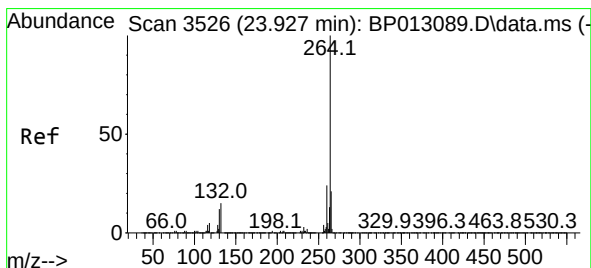
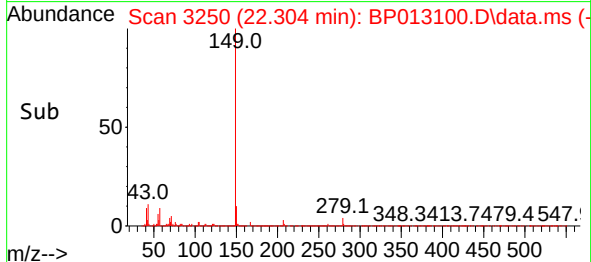
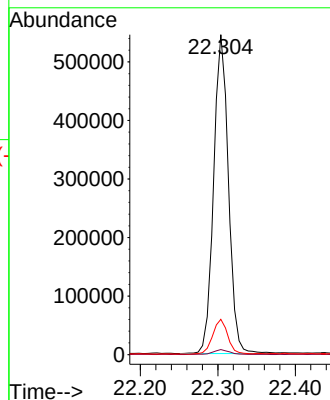
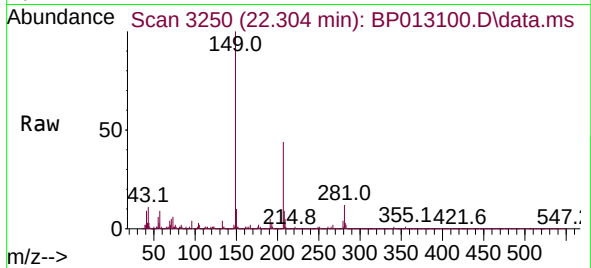
LOQ-WATER-02-QT4-2022

Tgt Ion:	149	Resp:	722960
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	10.9	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#86

Perylene-d12

Concen: 20.000 ng

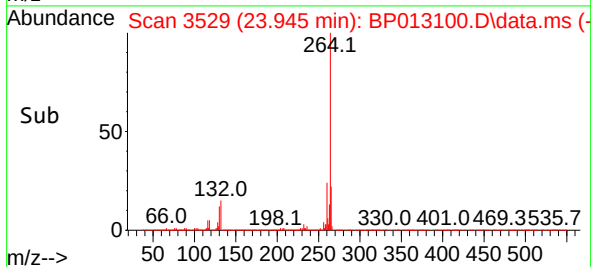
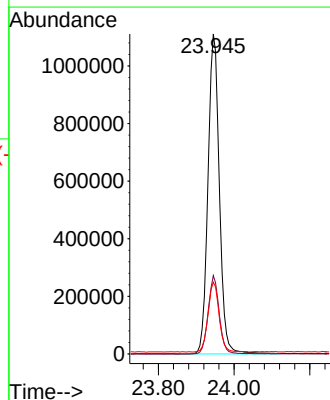
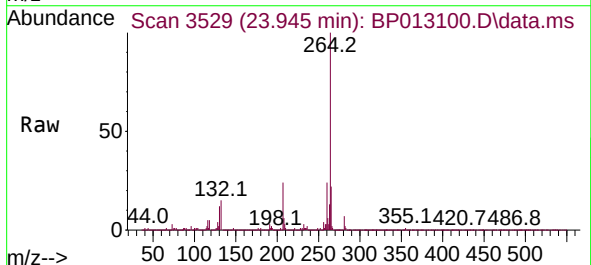
RT: 23.945 min Scan# 3529

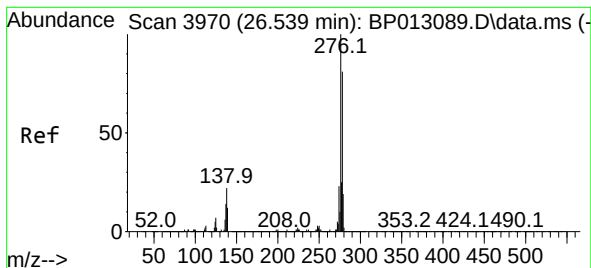
Delta R.T. 0.018 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion:	264	Resp:	2325564
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.1	28.7
265	22.4	17.7	26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 7.184 ng

RT: 26.551 min Scan# 3972

Delta R.T. 0.012 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:276 Resp: 1365062

Ion Ratio Lower Upper

276 100

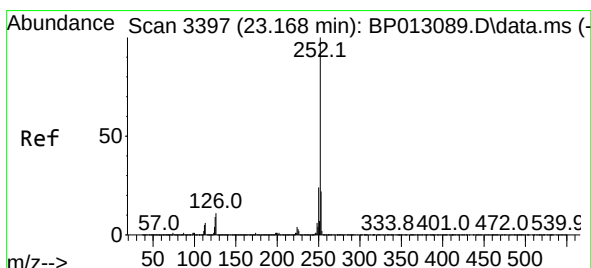
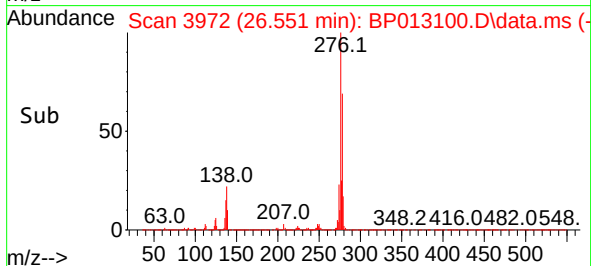
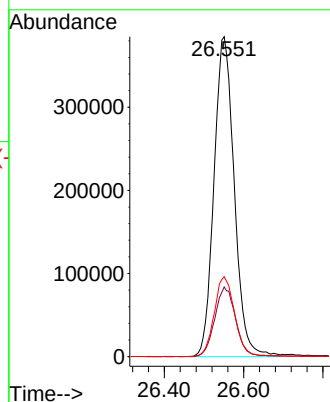
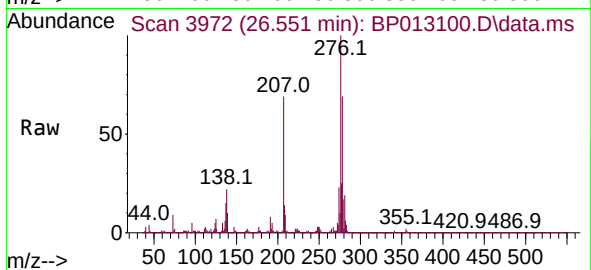
138 22.2 17.3 25.9

277 25.3 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022



#88

Benzo(b)fluoranthene

Concen: 7.613 ng

RT: 23.180 min Scan# 3399

Delta R.T. 0.012 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

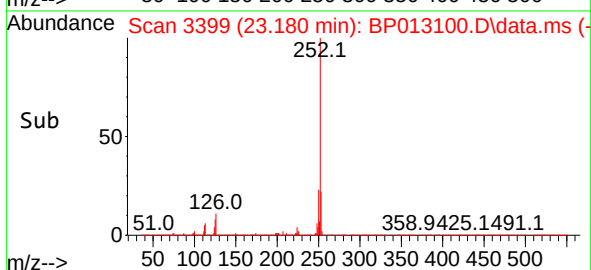
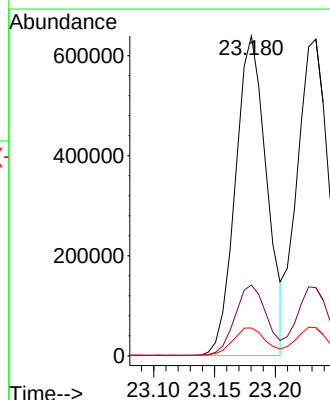
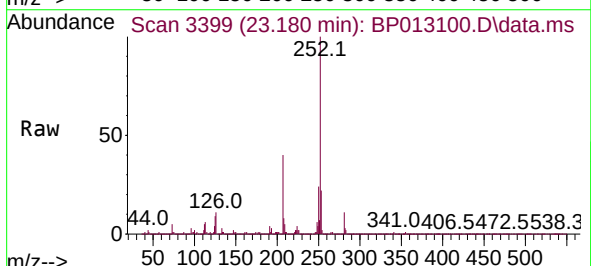
Tgt Ion:252 Resp: 1139877

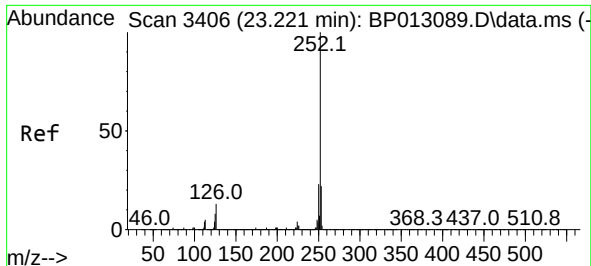
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

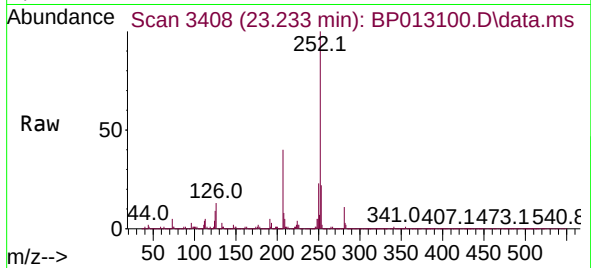
125 8.7 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 7.790 ng
RT: 23.233 min Scan# 3406
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01

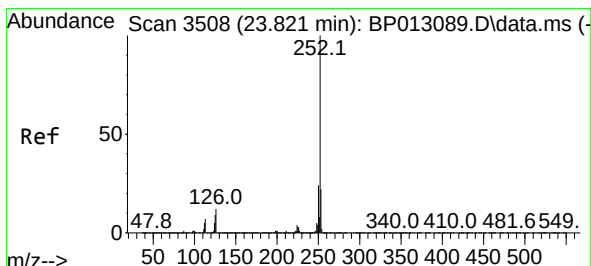
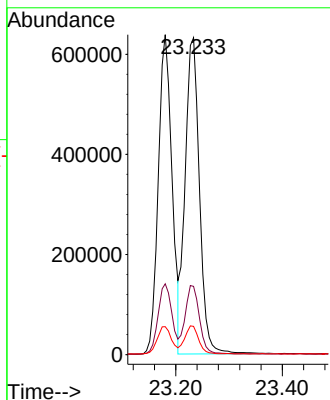
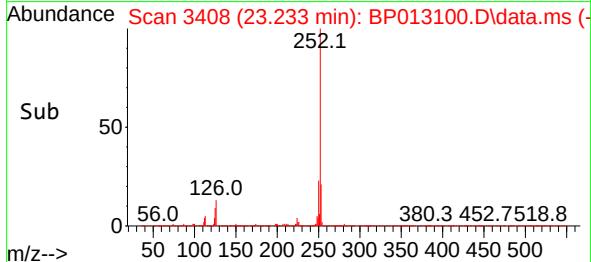
Instrument : BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022



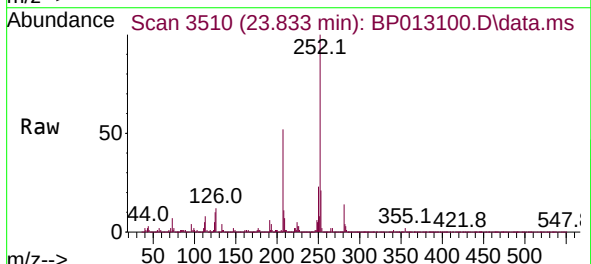
Tgt Ion:252 Resp: 1180026
Ion Ratio Lower Upper
252 100
253 21.6 17.6 26.4
125 8.9 6.7 10.1

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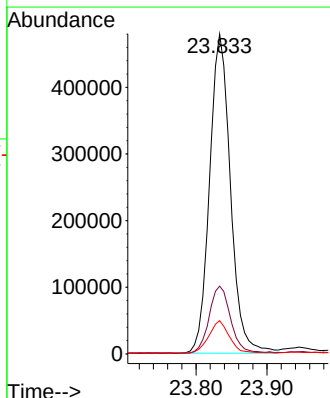
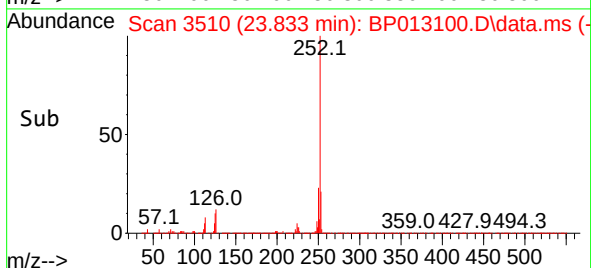
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

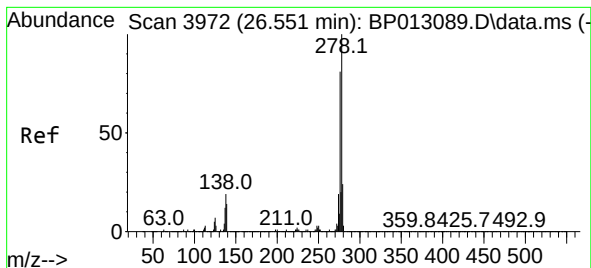


#90
Benzo(a)pyrene
Concen: 7.815 ng
RT: 23.833 min Scan# 3510
Delta R.T. 0.012 min
Lab File: BP013100.D
Acq: 13 Dec 2022 17:01



Tgt Ion:252 Resp: 981955
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 10.4 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 7.557 ng

RT: 26.568 min Scan# 3972

Delta R.T. 0.018 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Instrument :

BNA_P

ClientSampleId :

LOQ-WATER-02-QT4-2022

Tgt Ion:278 Resp: 1193362

Ion Ratio Lower Upper

278 100

139 13.0 11.0 16.6

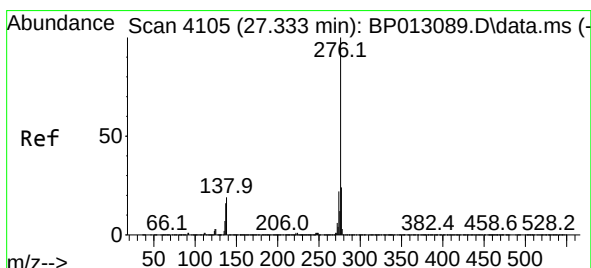
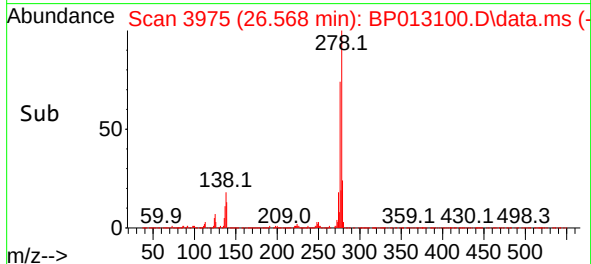
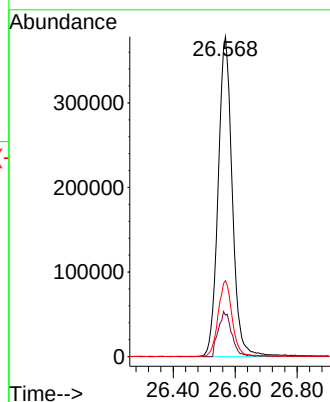
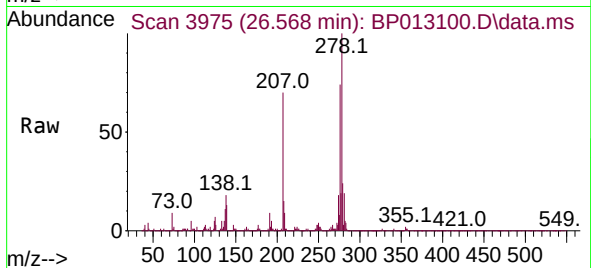
279 23.7 19.1 28.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/14/2022

Supervised By :mohammad ahmed 12/14/2022



#92

Benzo(g,h,i)perylene

Concen: 7.510 ng

RT: 27.351 min Scan# 4108

Delta R.T. 0.018 min

Lab File: BP013100.D

Acq: 13 Dec 2022 17:01

Tgt Ion:276 Resp: 1175089

Ion Ratio Lower Upper

276 100

277 24.5 18.9 28.3

138 18.8 15.0 22.6

