

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101406.D
 Acq On : 29 Oct 2024 14:33
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Quant Time: Oct 29 15:19:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	126569	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	612243	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	456923	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	1069244	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1187153	20.000	ng	0.00
86) Perylene-d12	23.358	264	1494432	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	722648	100.069	ng	0.00
7) Phenol-d6	6.947	99	1004741	100.340	ng	0.00
23) Nitrobenzene-d5	8.781	82	713716	73.219	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	857692	107.099	ng	0.00
45) 2-Fluorobiphenyl	12.805	172	2004760	74.304	ng	0.00
79) Terphenyl-d14	19.509	244	3611396	70.015	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.222	88	24310	9.026	ng	98
3) Pyridine	3.751	79	50209	6.589	ng	# 91
4) n-Nitrosodimethylamine	3.610	42	23998m	8.139	ng	
6) Aniline	7.018	93	93008m	12.120	ng	
8) 2-Chlorophenol	7.212	128	76587	8.842	ng	97
9) Benzaldehyde	6.789	77	56879	11.767	ng	99
10) Phenol	6.971	94	96478m	8.880	ng	
11) bis(2-Chloroethyl)ether	7.041	93	74109m	8.315	ng	
12) 1,3-Dichlorobenzene	7.459	146	80103	8.577	ng	100
13) 1,4-Dichlorobenzene	7.605	146	81965	8.594	ng	98
14) 1,2-Dichlorobenzene	7.934	146	80950	8.671	ng	99
15) Benzyl Alcohol	7.917	79	54626	9.152	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.070	45	104969	9.359	ng	98
17) 2-Methylphenol	8.152	107	59351	8.071	ng	98
18) Hexachloroethane	8.628	117	25790	8.280	ng	97
19) n-Nitroso-di-n-propyla...	8.375	70	59304	8.925	ng	# 97
20) 3+4-Methylphenols	8.487	107	81463	8.026	ng	95
22) Acetophenone	8.422	105	121667	8.752	ng	# 98
24) Nitrobenzene	8.822	77	88463	8.527	ng	100
25) Isophorone	9.274	82	170640	8.971	ng	99
26) 2-Nitrophenol	9.509	139	41059	8.188	ng	97
27) 2,4-Dimethylphenol	9.627	122	45257	7.172	ng	97
28) bis(2-Chloroethoxy)met...	9.779	93	102171	8.857	ng	98
29) 2,4-Dichlorophenol	10.056	162	72800	8.340	ng	98
30) 1,2,4-Trichlorobenzene	10.185	180	79632	8.374	ng	98
31) Naphthalene	10.385	128	269998	8.654	ng	99
32) Benzoic acid	9.820	122	25115m	11.422	ng	
33) 4-Chloroaniline	10.614	127	105691	9.742	ng	98
34) Hexachlorobutadiene	10.637	225	46164	8.201	ng	99
35) Caprolactam	11.383	113	25754	7.697	ng	91
36) 4-Chloro-3-methylphenol	11.783	107	82916	8.342	ng	98
37) 2-Methylnaphthalene	11.977	142	195422	8.694	ng	98
38) 1-Methylnaphthalene	12.200	142	186338	8.306	ng	99
40) 1,2,4,5-Tetrachloroben...	12.335	216	98102	8.553	ng	100
41) Hexachlorocyclopentadiene	12.318	237	27891	7.363	ng	93
43) 2,4,6-Trichlorophenol	12.652	196	64678	8.179	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.752	196	70972	7.838	ng	99
46) 1,1'-Biphenyl	13.005	154	282133	9.013	ng	98
47) 2-Chloronaphthalene	13.052	162	209649	8.477	ng	99
48) 2-Nitroaniline	13.381	65	51364	7.717	ng	95
49) Acenaphthylene	13.910	152	347513	9.501	ng	99
50) Dimethylphthalate	13.681	163	288905	8.958	ng	99
51) 2,6-Dinitrotoluene	13.816	165	59701	8.018	ng	99
52) Acenaphthene	14.239	154	206491	8.646	ng	97
53) 3-Nitroaniline	14.227	138	62930	8.499	ng	98
54) 2,4-Dinitrophenol	14.362	184	22250	9.527	ng	92
55) Dibenzofuran	14.580	168	346056	9.091	ng	99
56) 4-Nitrophenol	14.644	139	47578	7.017	ng	98
57) 2,4-Dinitrotoluene	14.603	165	78768	7.683	ng	96
58) Fluorene	15.220	166	281372	8.836	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.850	232	72547	8.671	ng	99
60) Diethylphthalate	15.009	149	296367	8.785	ng	99
61) 4-Chlorophenyl-phenyle...	15.208	204	137587	8.707	ng	99
62) 4-Nitroaniline	15.408	138	64159	7.787	ng	98
63) Azobenzene	15.502	77	257254	8.871	ng	97
65) 4,6-Dinitro-2-methylph...	15.343	198	38805	6.176	ng	97
66) n-Nitrosodiphenylamine	15.455	169	251796	8.880	ng	99
67) 4-Bromophenyl-phenylether	16.095	248	94040	8.361	ng	97
68) Hexachlorobenzene	16.201	284	121912	8.269	ng	96
69) Atrazine	16.389	200	89855	10.336	ng	98
70) Pentachlorophenol	16.607	266	60013m	7.072	ng	
71) Phenanthrene	16.953	178	476291	9.304	ng	97
72) Anthracene	17.041	178	455592	9.114	ng	98
73) Carbazole	17.370	167	446834	8.736	ng	98
74) Di-n-butylphthalate	17.823	149	501706	8.910	ng	97
75) Fluoranthene	18.957	202	562713	9.050	ng	97
77) Benzidine	19.215	184	192116	12.751	ng	100
78) Pyrene	19.327	202	612759	9.386	ng	95
80) Butylbenzylphthalate	20.179	149	251505	8.788	ng	98
81) Benzo(a)anthracene	21.054	228	661478	9.913	ng	95
82) 3,3'-Dichlorobenzidine	21.031	252	234164	8.959	ng	99
83) Chrysene	21.107	228	635316	9.848	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	330739	8.699	ng	96
85) Di-n-octyl phthalate	21.730	149	576384	9.237	ng	100
87) Indeno(1,2,3-cd)pyrene	25.667	276	911697	9.116	ng	99
88) Benzo(b)fluoranthene	22.647	252	710793	9.127	ng	98
89) Benzo(k)fluoranthene	22.688	252	691089	9.498	ng	97
90) Benzo(a)pyrene	23.246	252	641003	9.411	ng	98
91) Dibenzo(a,h)anthracene	25.661	278	754403	9.129	ng	98
92) Benzo(g,h,i)perylene	26.413	276	694814	8.160	ng	98

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

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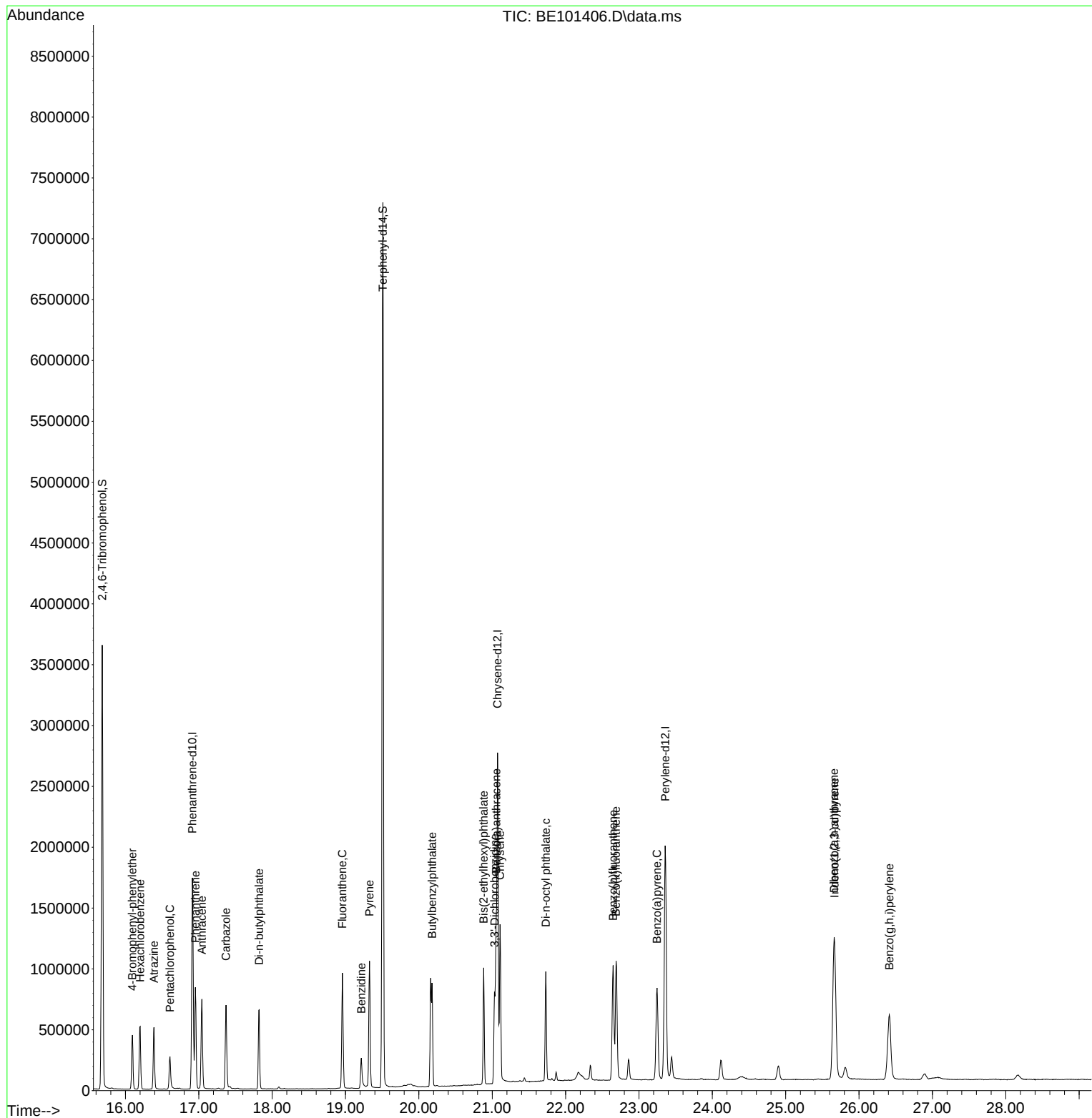
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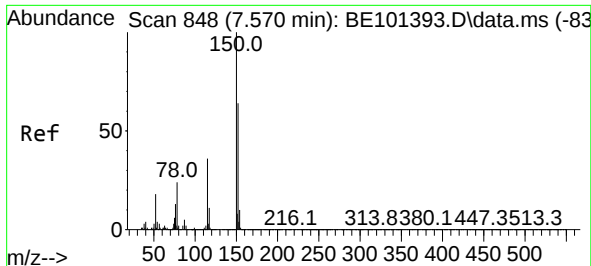
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

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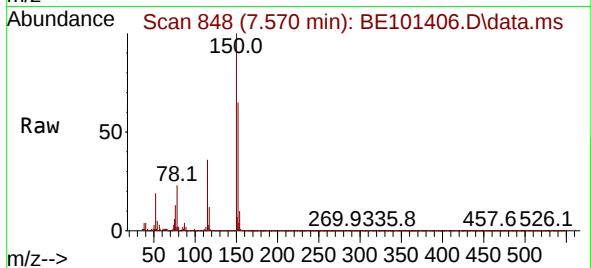
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

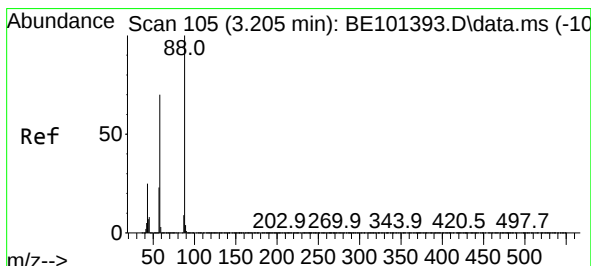
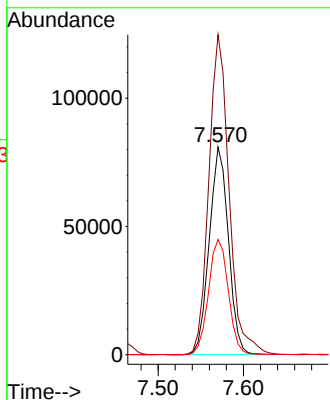
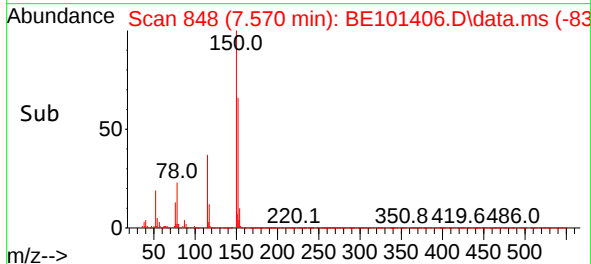
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



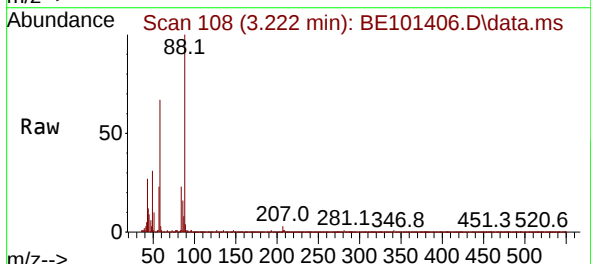
Tgt Ion:152 Resp: 126569
Ion Ratio Lower Upper
152 100
150 154.1 124.2 186.4
115 55.5 45.3 67.9

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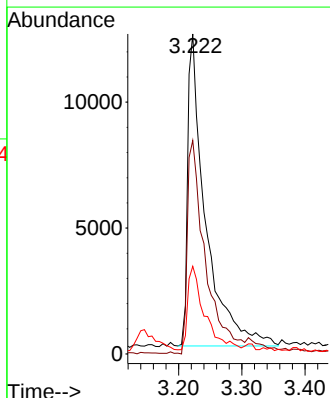
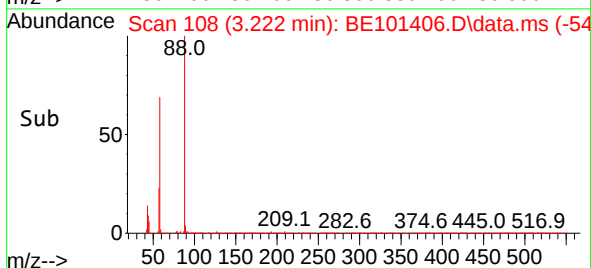
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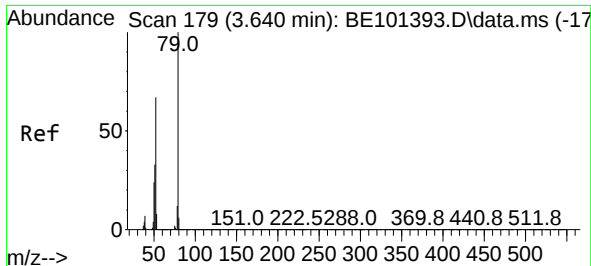


#2
1,4-Dioxane
Concen: 9.026 ng
RT: 3.222 min Scan# 108
Delta R.T. 0.017 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



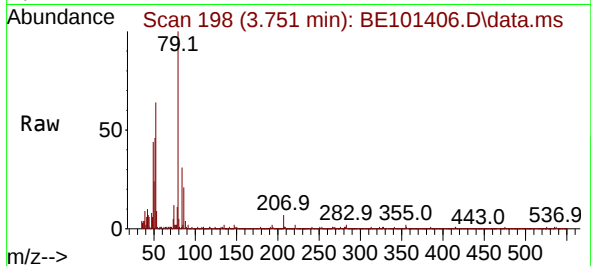
Tgt Ion: 88 Resp: 24310
Ion Ratio Lower Upper
88 100
58 68.8 56.5 84.7
43 25.6 19.8 29.8





#3
Pyridine
Concen: 6.589 ng
RT: 3.751 min Scan# 198
Delta R.T. 0.111 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

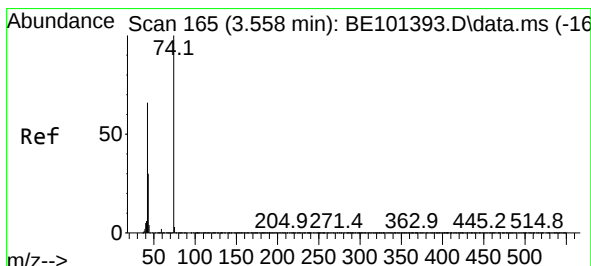
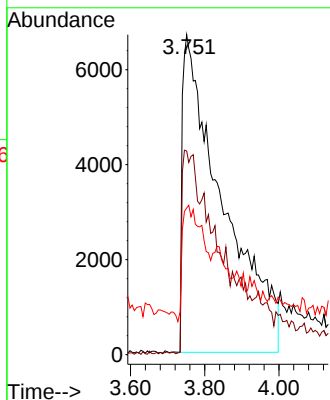
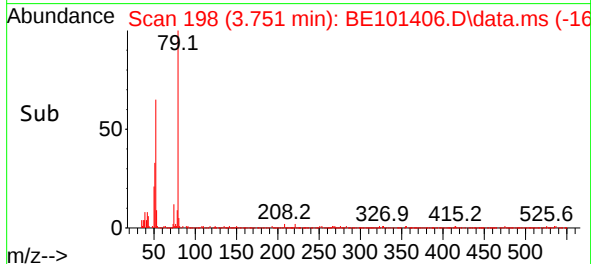
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



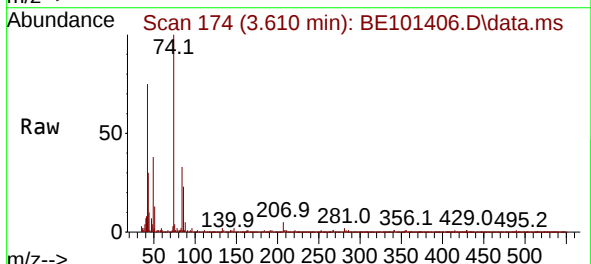
Tgt Ion: 79 Resp: 50209
Ion Ratio Lower Upper
79 100
52 63.6 53.3 79.9
51 45.9 27.3 40.9

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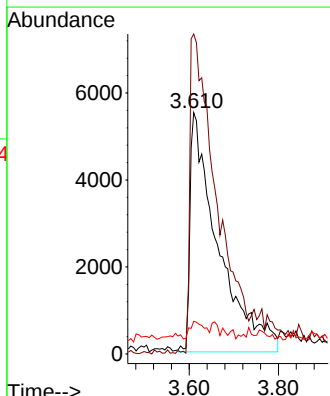
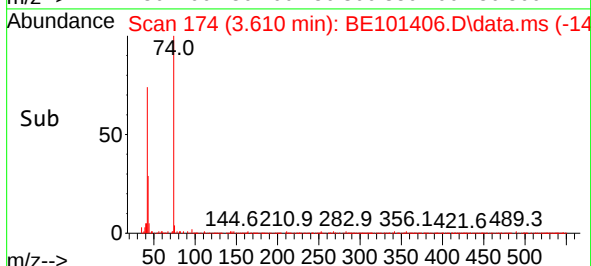
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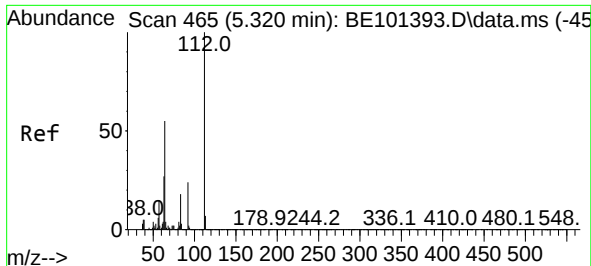


#4
n-Nitrosodimethylamine
Concen: 8.139 ng m
RT: 3.610 min Scan# 174
Delta R.T. 0.053 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



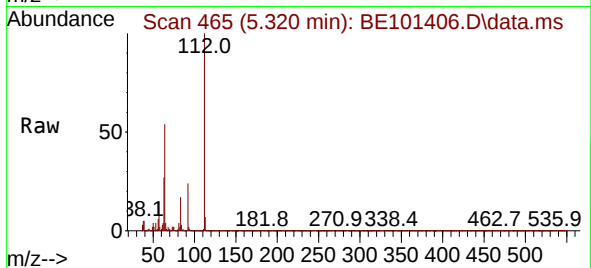
Tgt Ion: 42 Resp: 23998
Ion Ratio Lower Upper
42 100
74 132.6 121.4 182.0
44 13.5 5.6 8.4





#5
2-Fluorophenol
Concen: 100.069 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

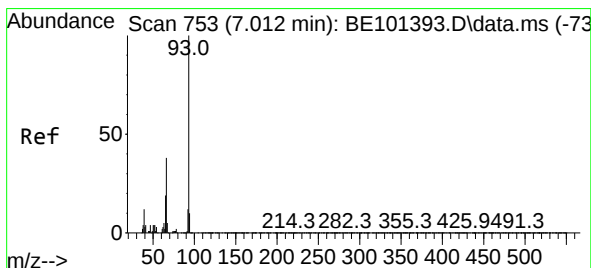
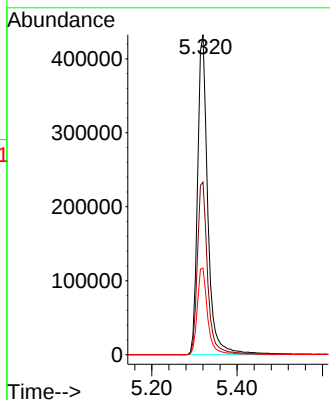
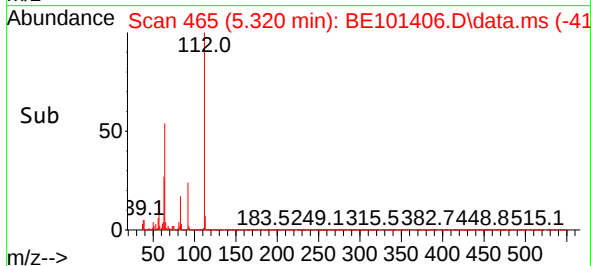
Instrument :
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ClientSampleId :
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Tgt Ion:112 Resp: 722648
Ion Ratio Lower Upper
112 100
64 53.9 43.7 65.5
63 27.0 21.4 32.2

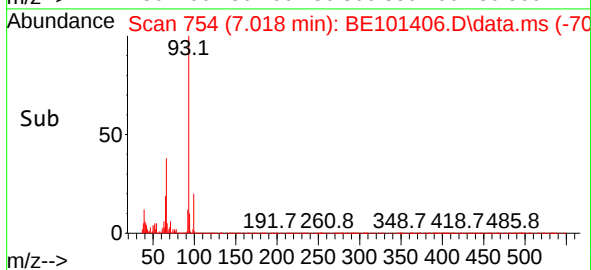
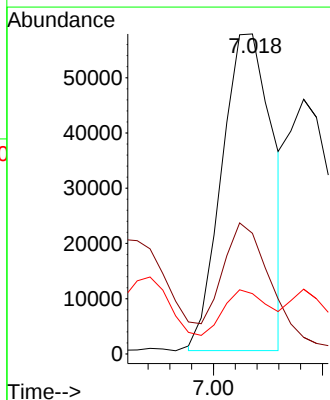
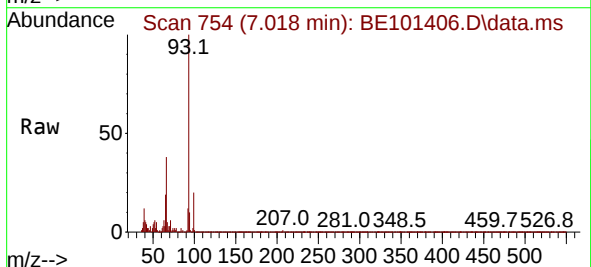
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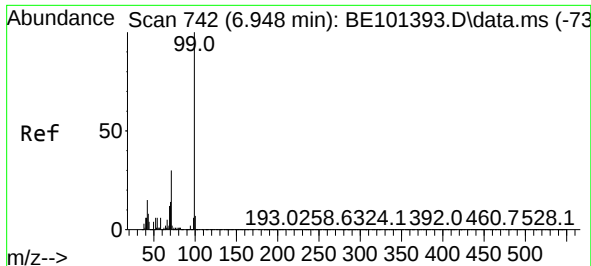
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#6
Aniline
Concen: 12.120 ng m
RT: 7.018 min Scan# 754
Delta R.T. 0.006 min
Lab File: BE101406.D
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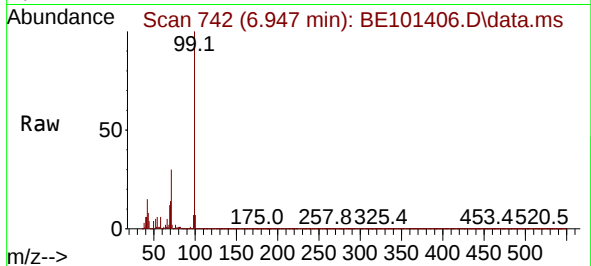
Tgt Ion: 93 Resp: 93008
Ion Ratio Lower Upper
93 100
66 37.7 31.0 46.4
65 18.8 15.5 23.3





#7
Phenol-d6
Concen: 100.340 ng
RT: 6.947 min Scan# 741
Delta R.T. -0.000 min
Lab File: BE101406.D
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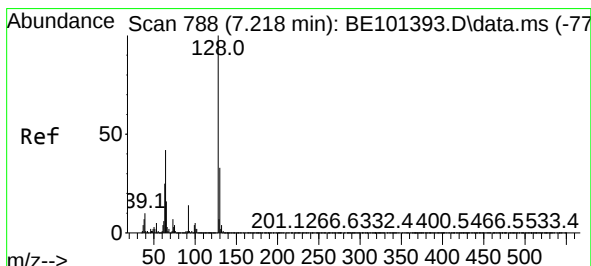
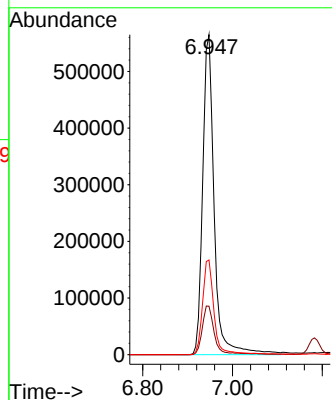
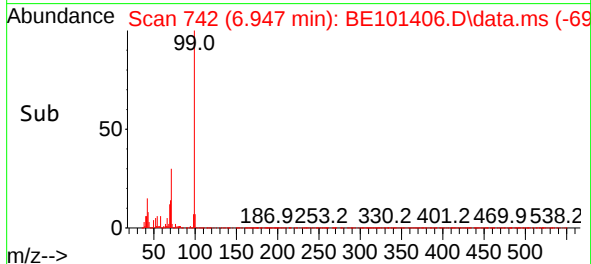
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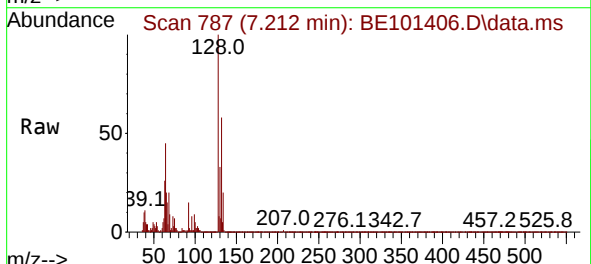
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Ion Ratio Lower Upper
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42 15.1 12.3 18.5
71 29.6 23.8 35.8

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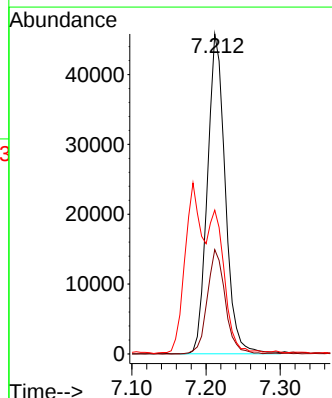
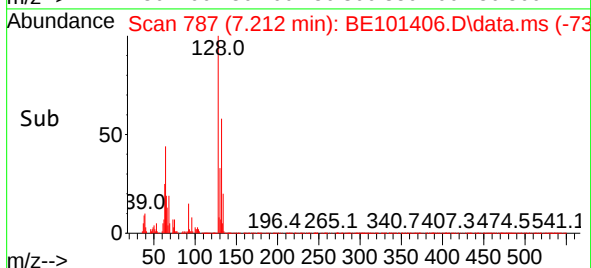
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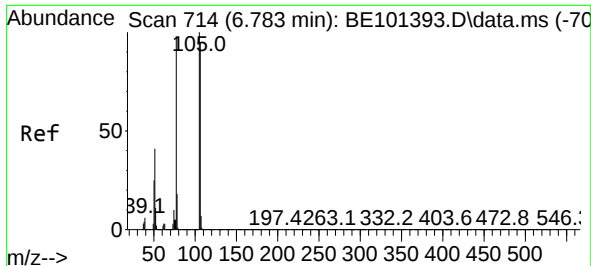


#8
2-Chlorophenol
Concen: 8.842 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
Lab File: BE101406.D
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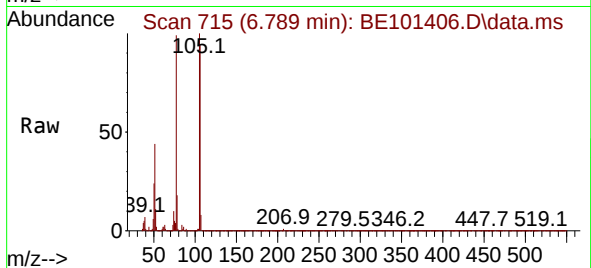
Tgt Ion:128 Resp: 76587
Ion Ratio Lower Upper
128 100
130 32.6 12.9 52.9
64 44.9 22.3 62.3





#9
Benzaldehyde
Concen: 11.767 ng
RT: 6.789 min Scan# 715
Delta R.T. 0.006 min
Lab File: BE101406.D
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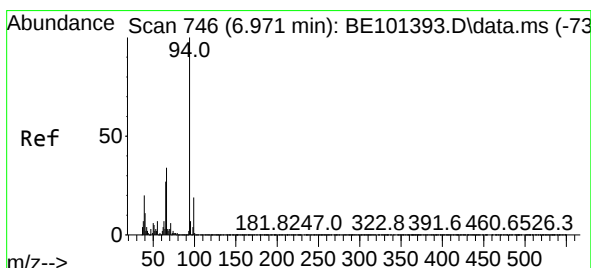
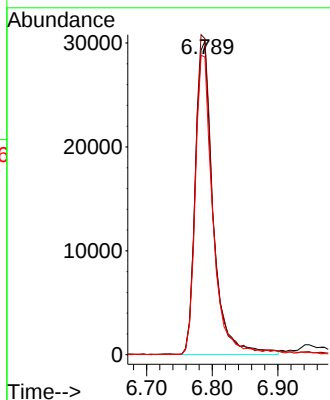
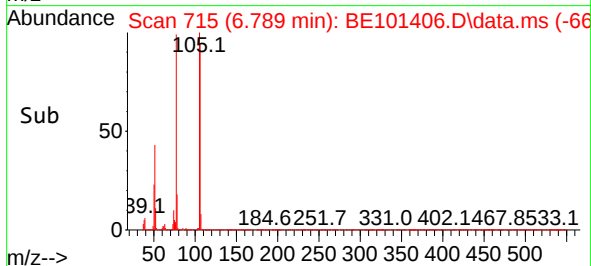
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 56879
Ion Ratio Lower Upper
77 100
105 100.8 81.9 121.9
106 95.0 76.5 116.5

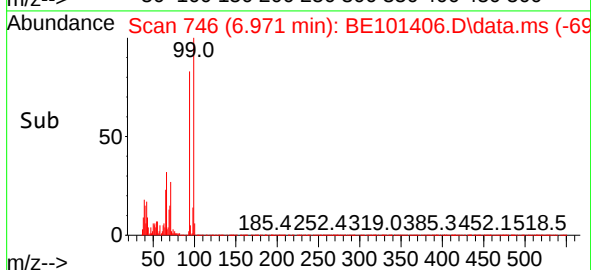
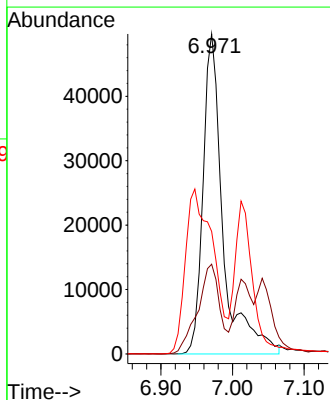
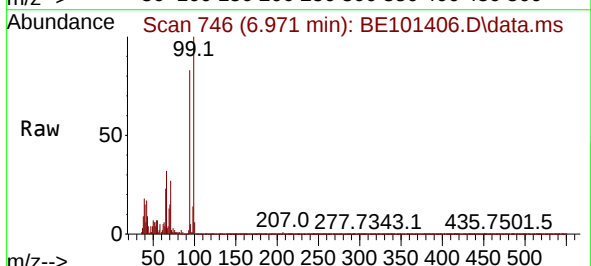
Manual Integrations
APPROVED

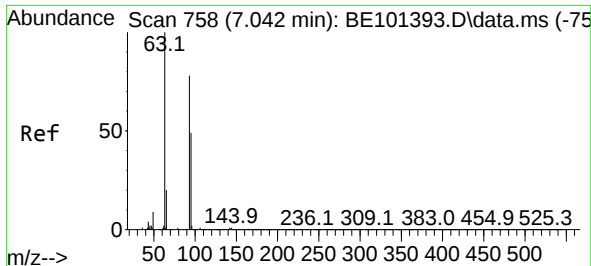
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Phenol
Concen: 8.880 ng m
RT: 6.971 min Scan# 746
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

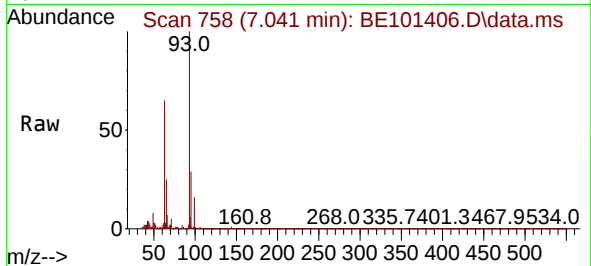
Tgt Ion: 94 Resp: 96478
Ion Ratio Lower Upper
94 100
65 28.1 6.8 46.8
66 38.3 14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 8.315 ng m
RT: 7.041 min Scan# 7
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

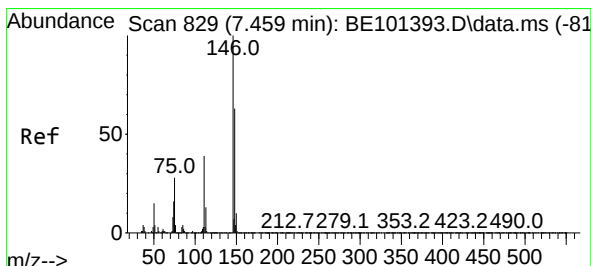
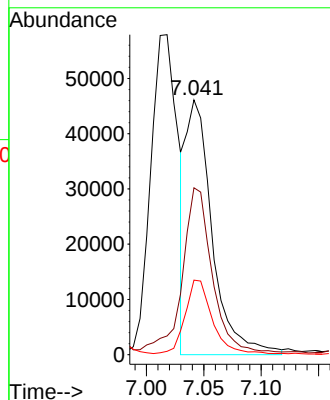
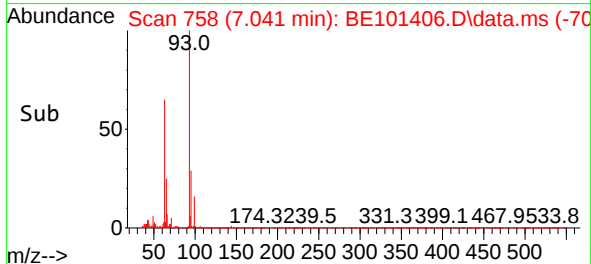
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



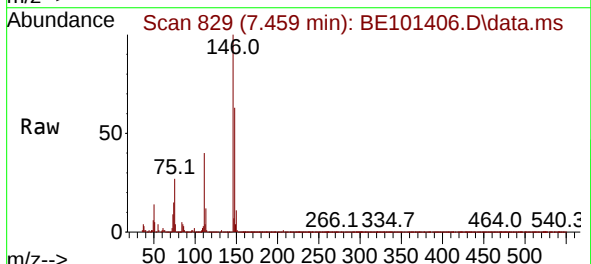
Tgt Ion: 93 Resp: 74109
Ion Ratio Lower Upper
93 100
63 65.5 46.3 86.3
95 29.3 9.6 49.6

Manual Integrations
APPROVED

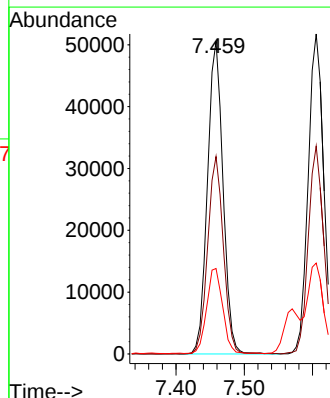
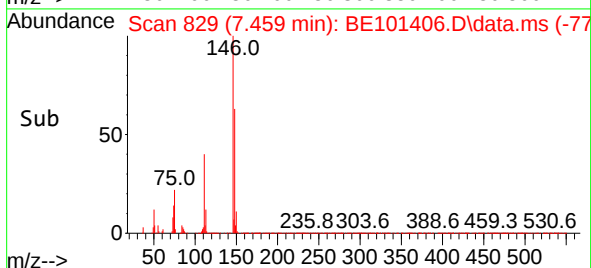
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

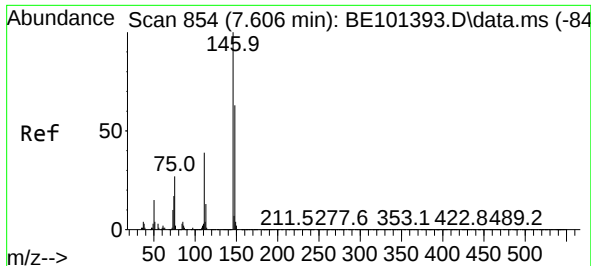


#12
1,3-Dichlorobenzene
Concen: 8.577 ng
RT: 7.459 min Scan# 829
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



Tgt Ion:146 Resp: 80103
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 27.3 22.0 33.0





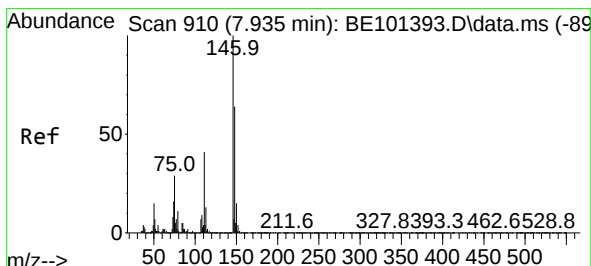
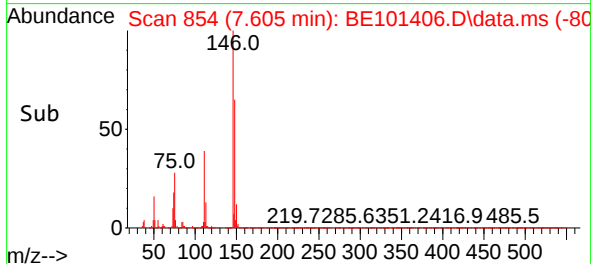
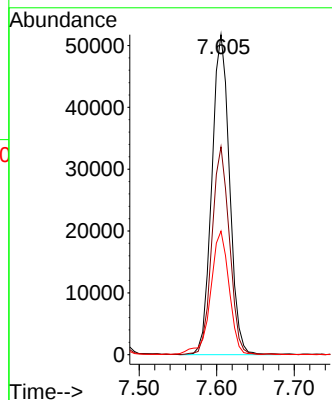
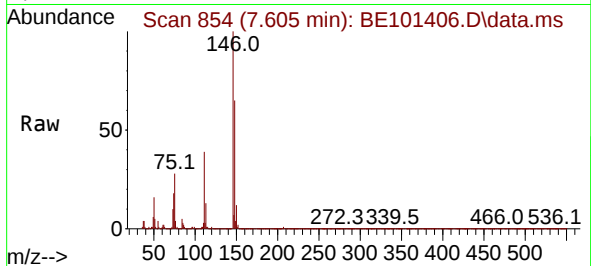
#13
1,4-Dichlorobenzene
Concen: 8.594 ng
RT: 7.605 min Scan# 81
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:146 Resp: 8196
Ion Ratio Lower Upper
146 100
148 65.0 50.2 75.2
111 38.6 31.6 47.4

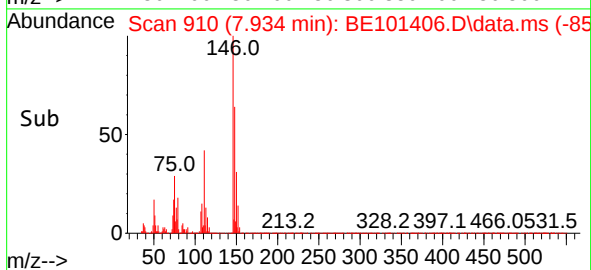
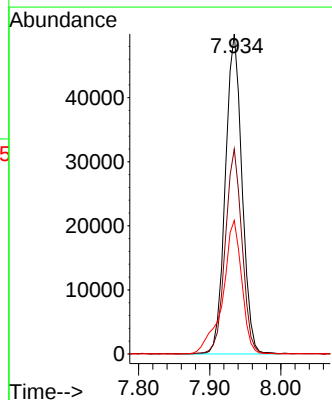
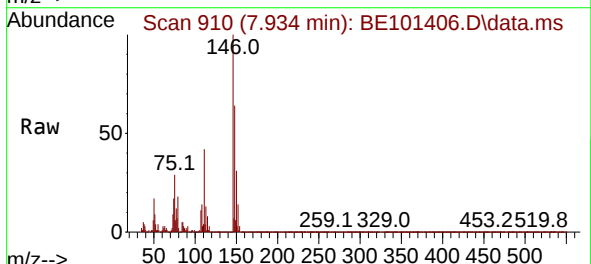
Manual Integrations
APPROVED

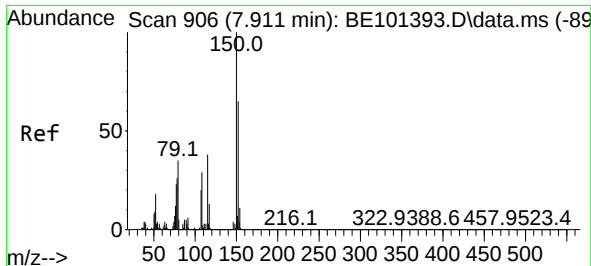
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 8.671 ng
RT: 7.934 min Scan# 910
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:146 Resp: 80950
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
111 41.7 32.8 49.2





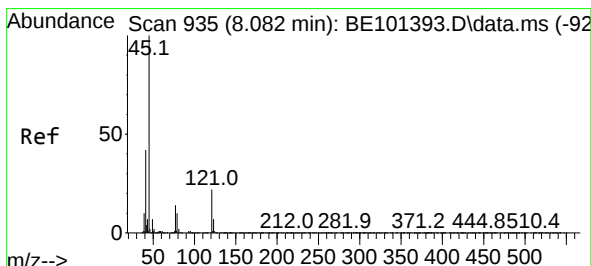
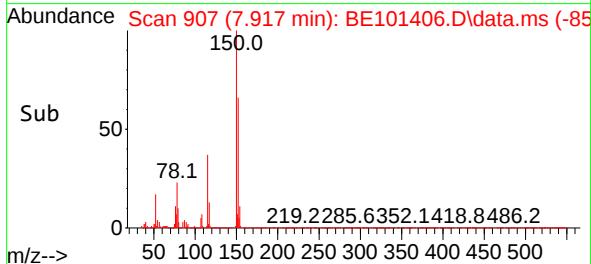
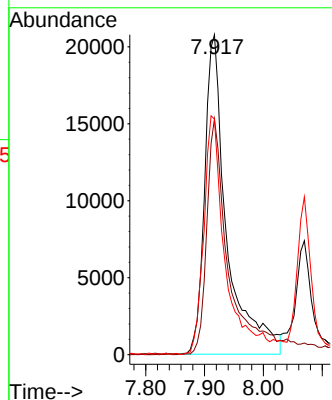
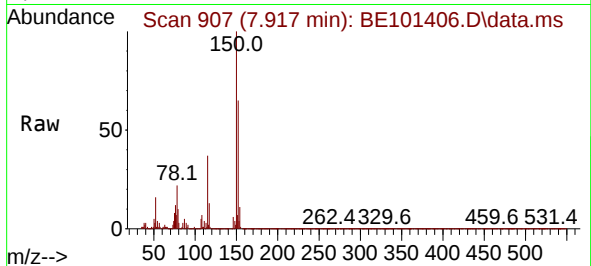
#15
Benzyl Alcohol
Concen: 9.152 ng
RT: 7.917 min Scan# 906
Delta R.T. 0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 79 Resp: 54620
Ion Ratio Lower Upper
79 100
108 73.7 66.1 99.1
77 73.6 53.1 79.7

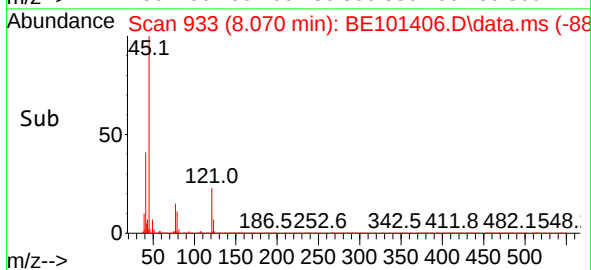
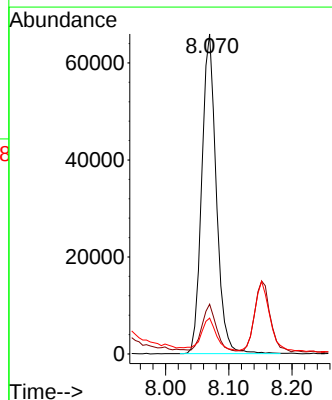
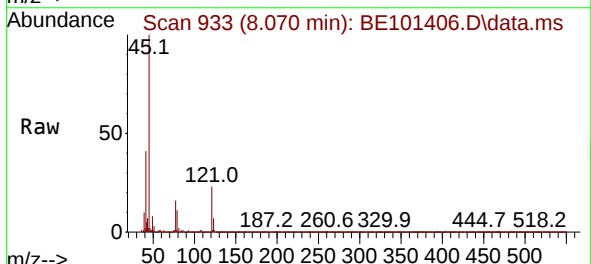
Manual Integrations
APPROVED

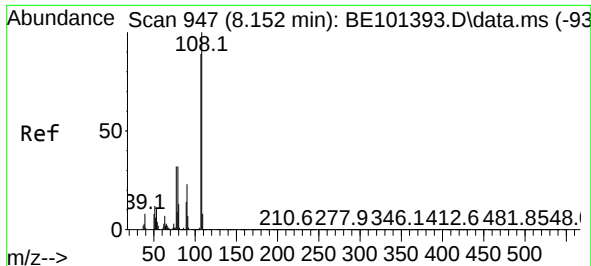
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.359 ng
RT: 8.070 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 45 Resp: 104969
Ion Ratio Lower Upper
45 100
77 15.5 0.0 34.5
79 11.2 0.0 31.8





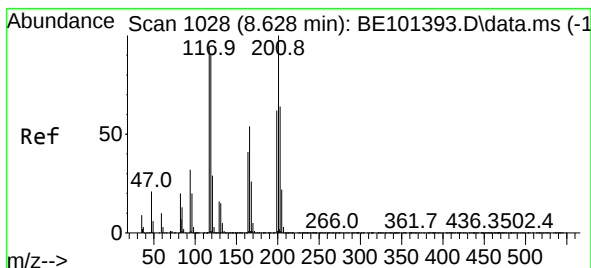
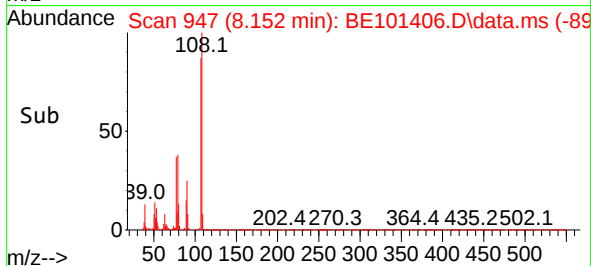
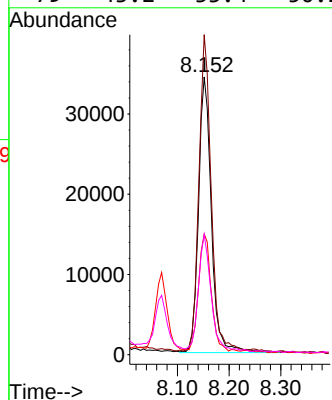
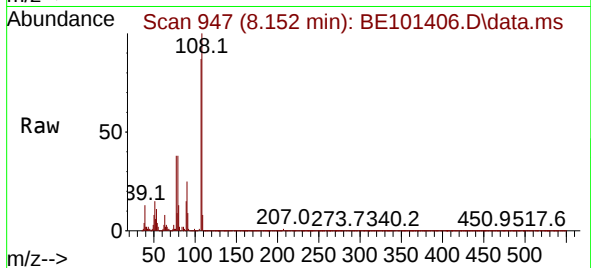
#17
2-Methylphenol
Concen: 8.071 ng
RT: 8.152 min Scan# 947
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:	107	Resp:	5935
Ion Ratio	Lower	Upper	
107	100		
108	115.2	90.0	135.0
77	43.4	34.2	51.4
79	43.2	33.4	50.2

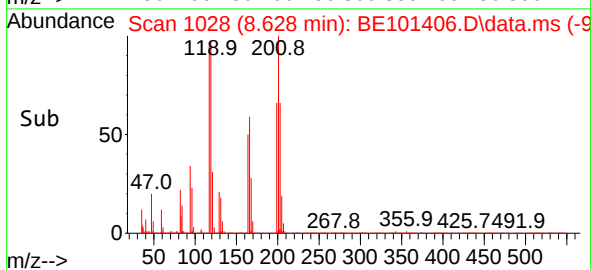
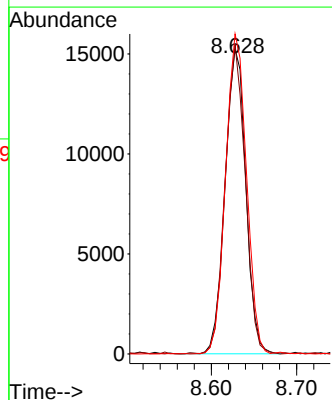
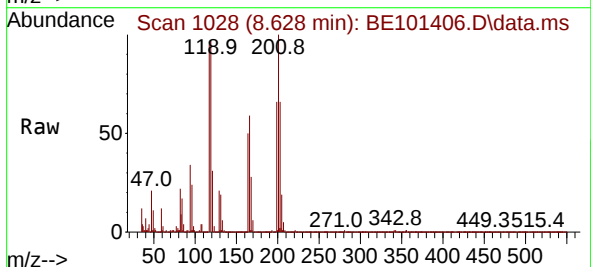
Manual Integrations
APPROVED

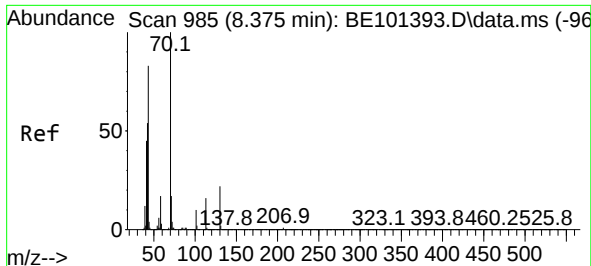
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 8.280 ng
RT: 8.628 min Scan# 1028
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

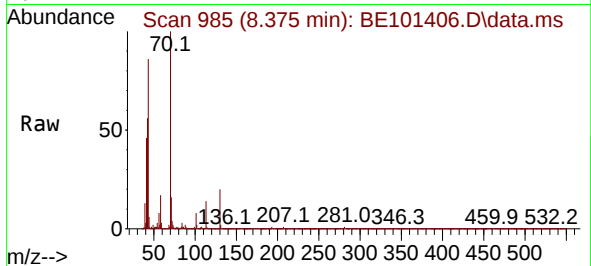
Tgt Ion:	117	Resp:	25790
Ion Ratio	Lower	Upper	
117	100		
119	101.5	77.0	115.4
201	104.9	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 8.925 ng
RT: 8.375 min Scan# 91
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

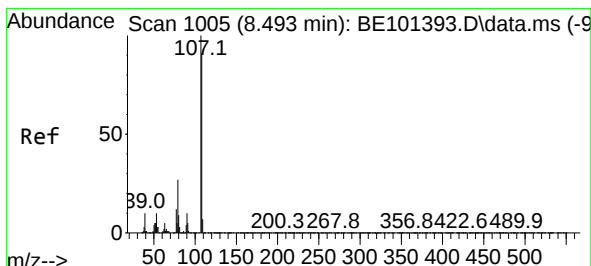
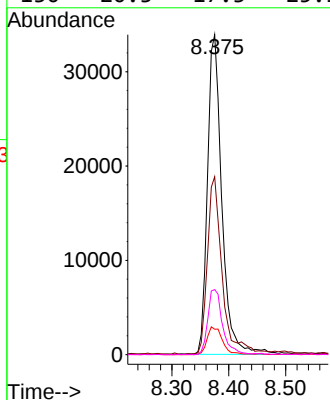
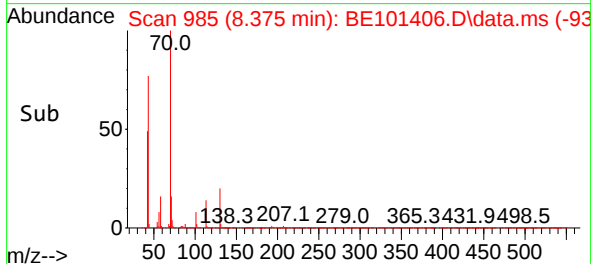
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 70 Resp: 59304
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.0
101 7.9 8.1 12.1
130 20.3 17.3 25.9

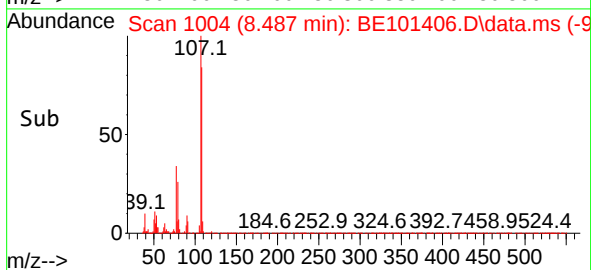
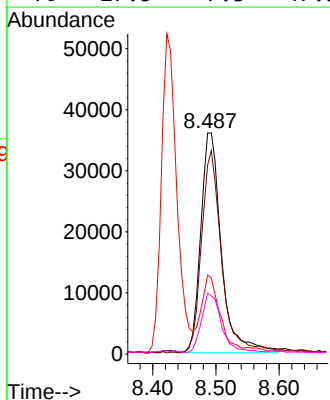
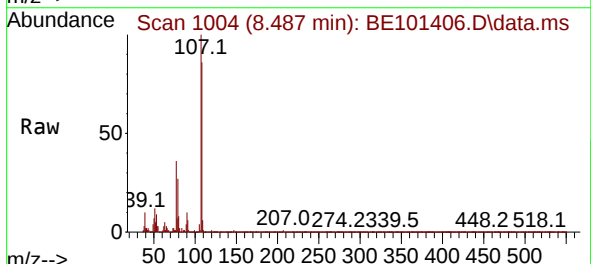
Manual Integrations
APPROVED

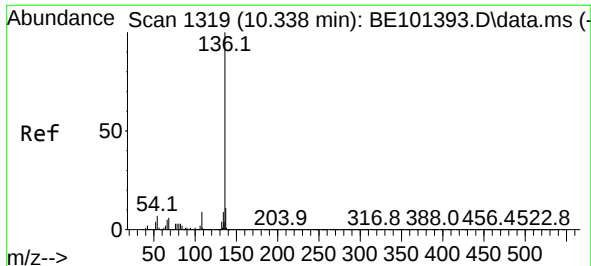
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#20
3+4-Methylphenols
Concen: 8.026 ng
RT: 8.487 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

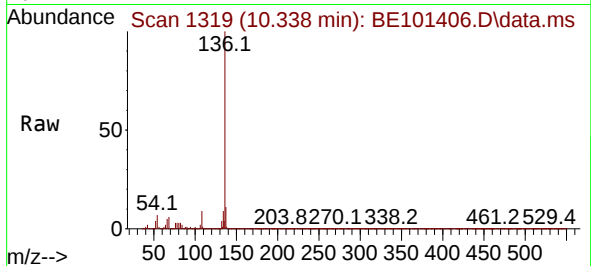
Tgt Ion:107 Resp: 81463
Ion Ratio Lower Upper
107 100
108 85.5 70.6 110.6
77 35.7 11.3 51.3
79 27.5 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

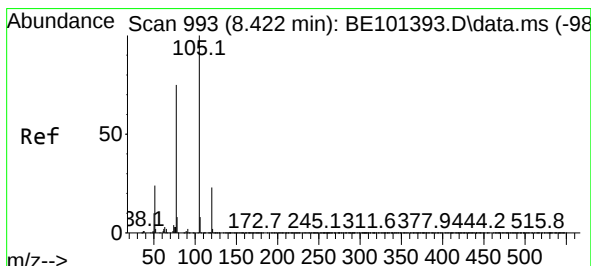
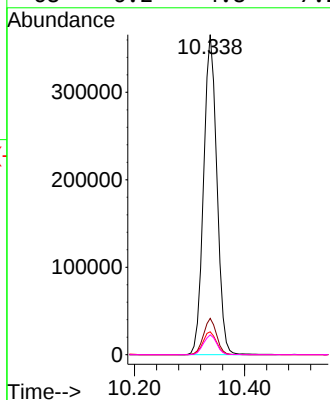
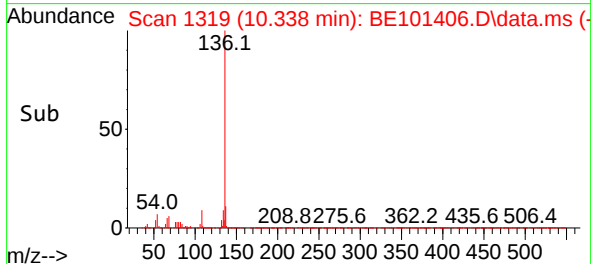
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 61224
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 7.2 5.9 8.9
68 6.2 4.8 7.2

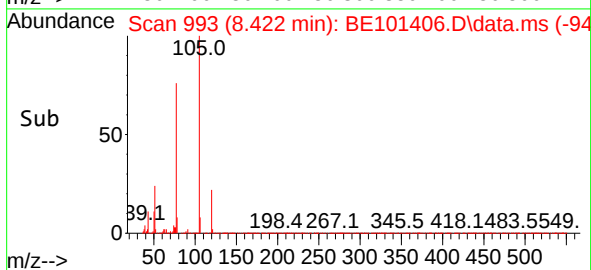
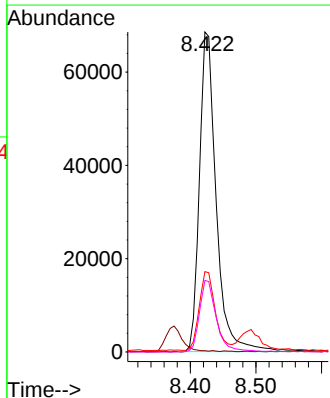
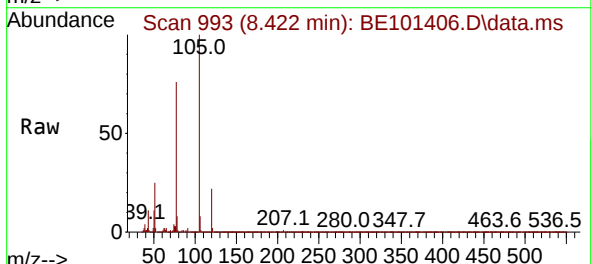
Manual Integrations
APPROVED

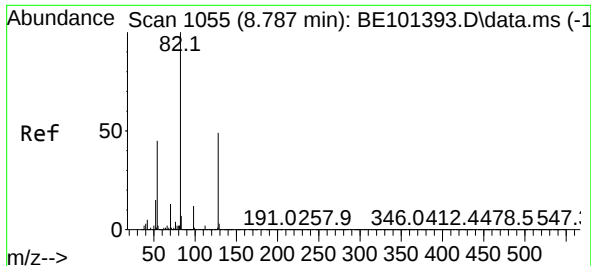
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 8.752 ng
RT: 8.422 min Scan# 993
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:105 Resp: 121667
Ion Ratio Lower Upper
105 100
71 0.4 0.1 0.1#
51 25.1 19.4 29.0
120 22.3 18.4 27.6





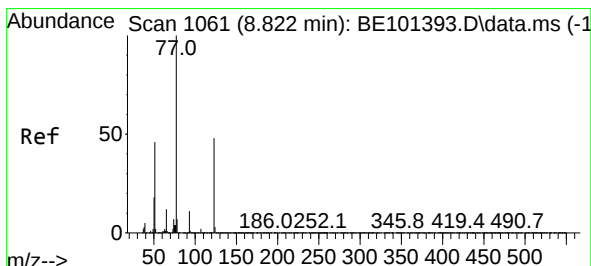
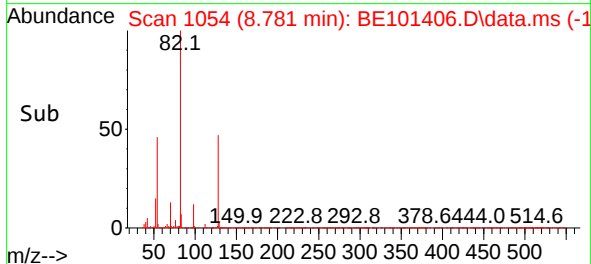
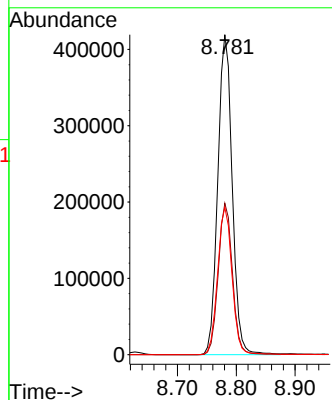
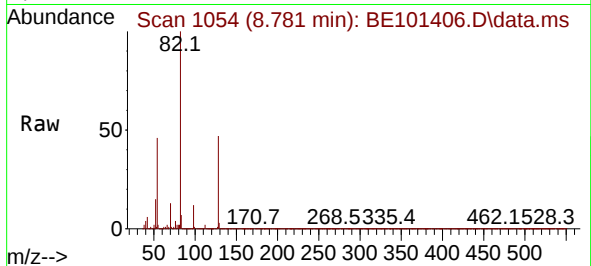
#23
Nitrobenzene-d5
Concen: 73.219 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion: 82 Resp: 713710
Ion Ratio Lower Upper
82 100
128 47.3 38.9 58.3
54 46.0 36.2 54.4

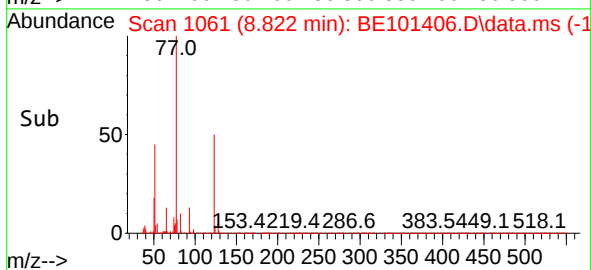
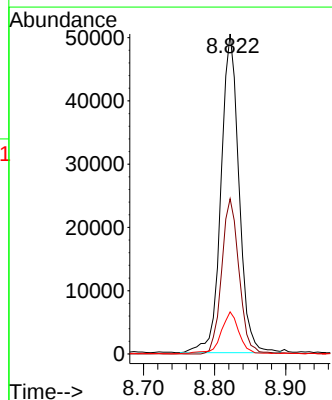
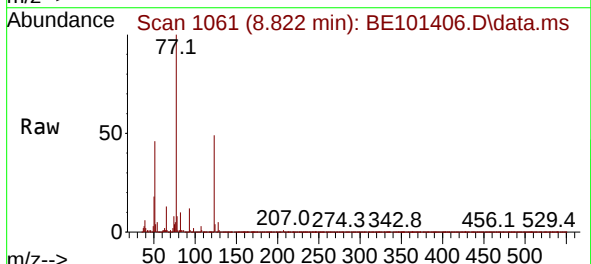
Manual Integrations
APPROVED

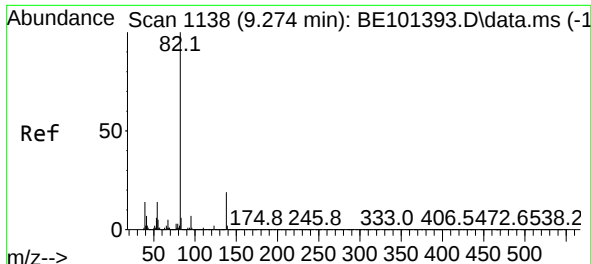
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 8.527 ng
RT: 8.822 min Scan# 1061
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

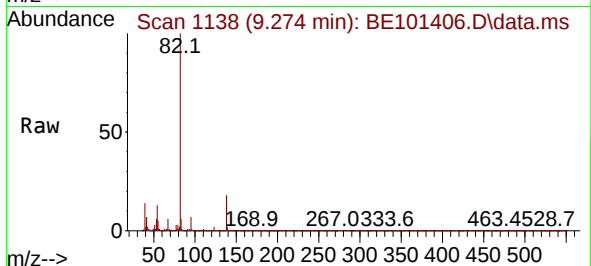
Tgt Ion: 77 Resp: 88463
Ion Ratio Lower Upper
77 100
123 48.5 38.7 58.1
65 13.2 10.0 15.0





#25
Isophorone
Concen: 8.971 ng
RT: 9.274 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

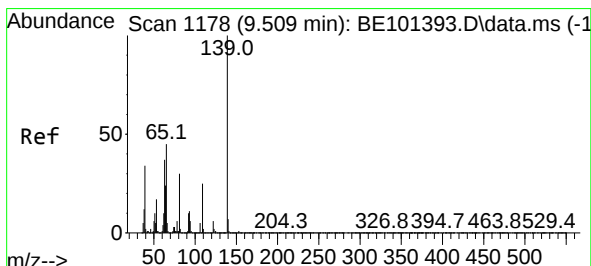
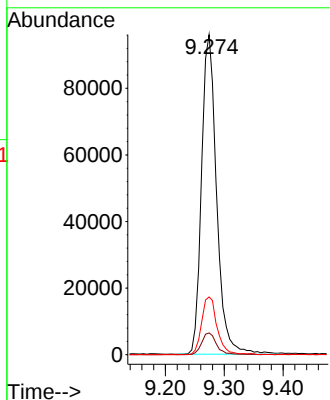
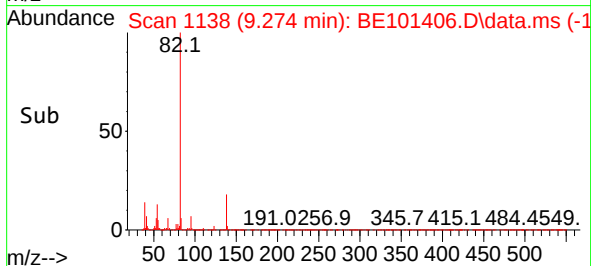
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 170640
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 18.0 15.0 22.4

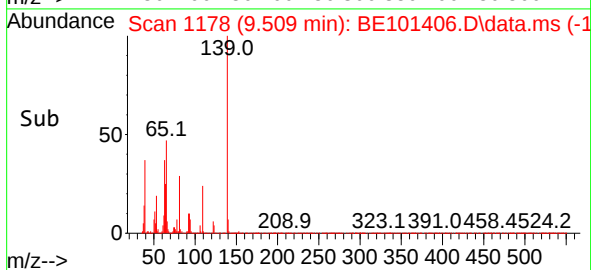
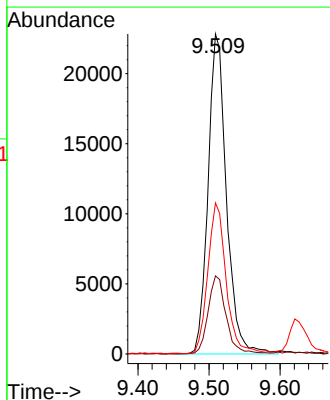
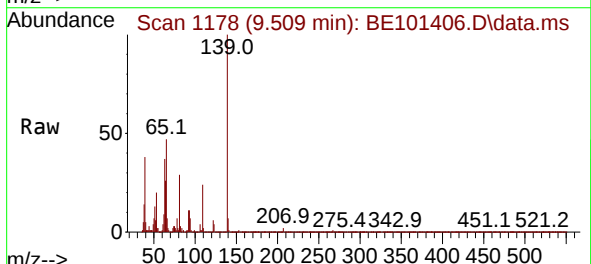
Manual Integrations
APPROVED

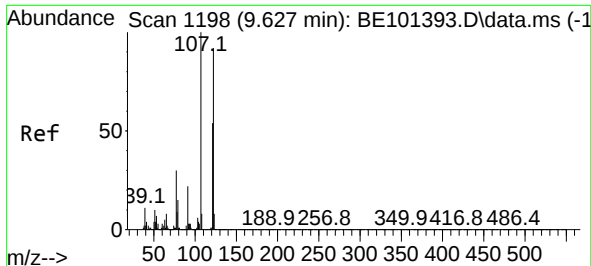
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 8.188 ng
RT: 9.509 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

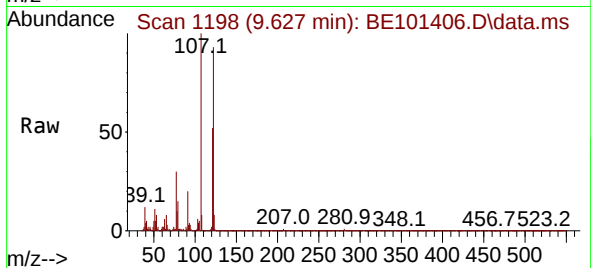
Tgt Ion:139 Resp: 41059
Ion Ratio Lower Upper
139 100
109 24.4 20.1 30.1
65 47.2 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 7.172 ng
RT: 9.627 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

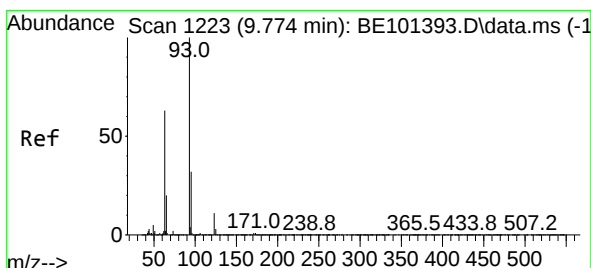
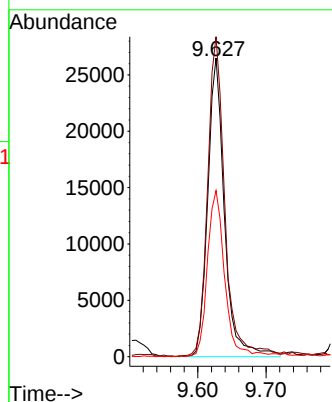
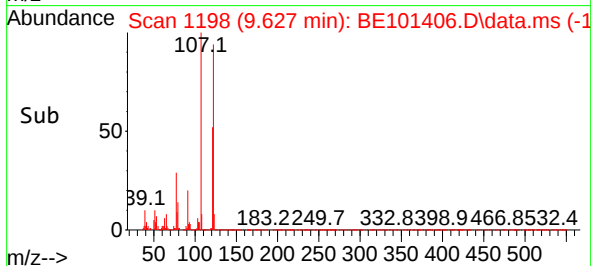
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 122 Resp: 4525
Ion Ratio Lower Upper
122 100
107 107.1 87.4 131.0
121 55.6 47.4 71.0

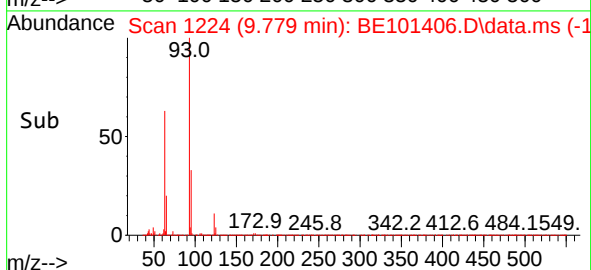
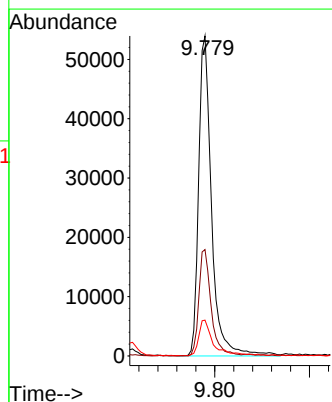
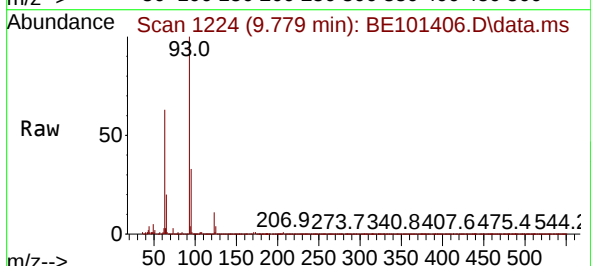
Manual Integrations
APPROVED

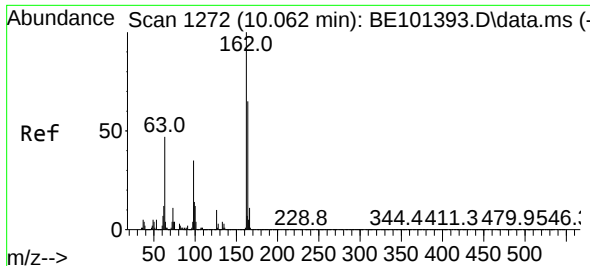
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 8.857 ng
RT: 9.779 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion: 93 Resp: 102171
Ion Ratio Lower Upper
93 100
95 33.2 25.8 38.6
123 11.2 8.6 13.0





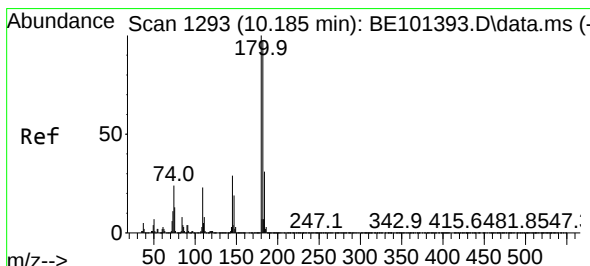
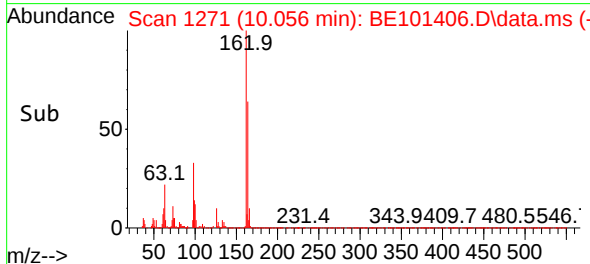
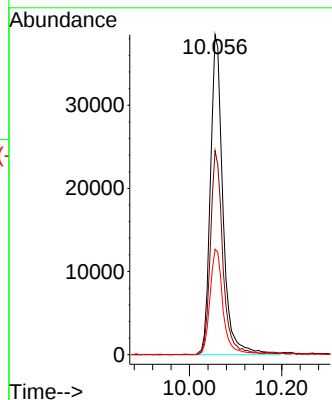
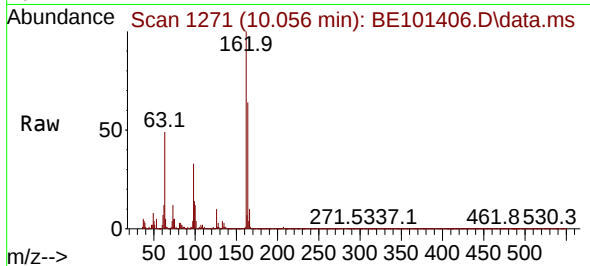
#29
2,4-Dichlorophenol
Concen: 8.340 ng
RT: 10.056 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:162 Resp: 72800
Ion Ratio Lower Upper
162 100
164 63.8 45.4 85.4
98 32.9 14.5 54.5

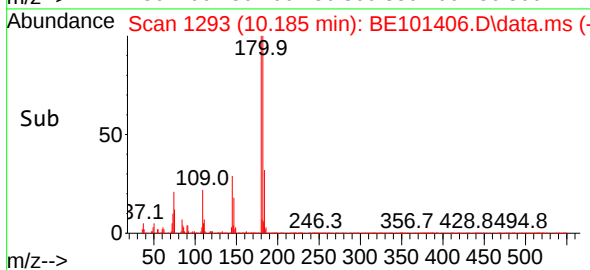
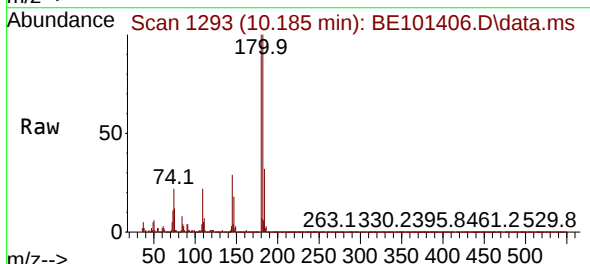
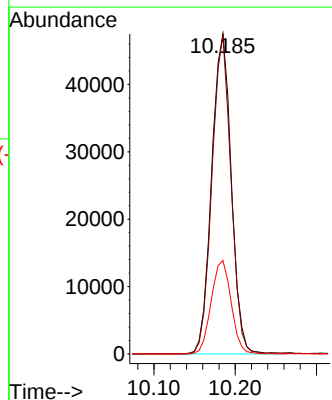
Manual Integrations
APPROVED

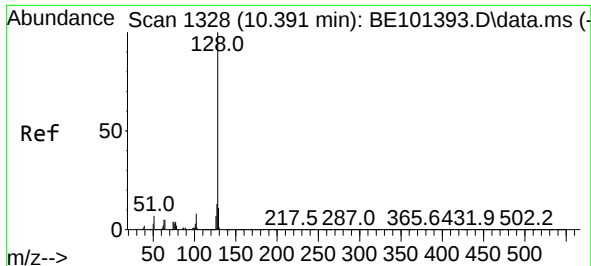
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.374 ng
RT: 10.185 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

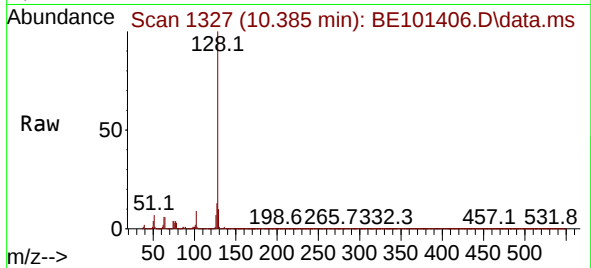
Tgt Ion:180 Resp: 79632
Ion Ratio Lower Upper
180 100
182 99.5 77.4 116.0
145 29.2 23.3 34.9





#31
Naphthalene
Concen: 8.654 ng
RT: 10.385 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

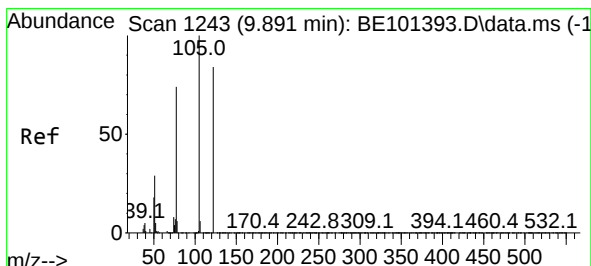
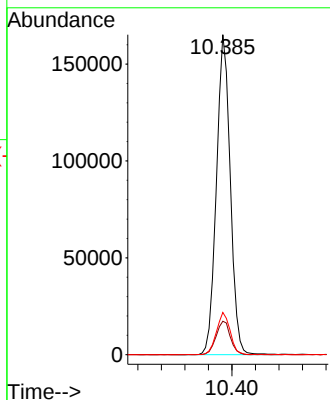
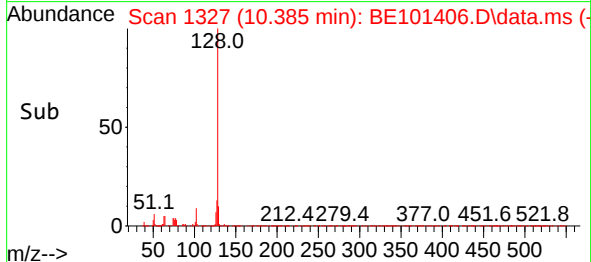
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 269998
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 13.2 10.3 15.5

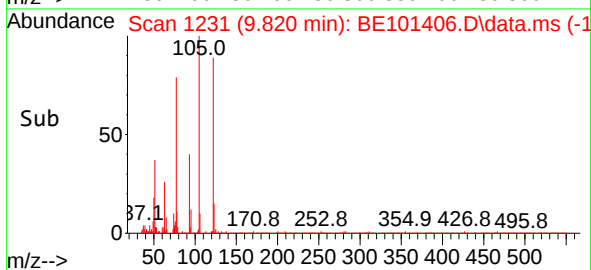
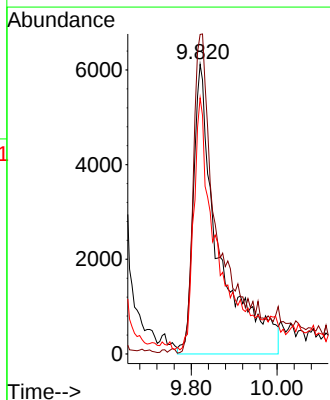
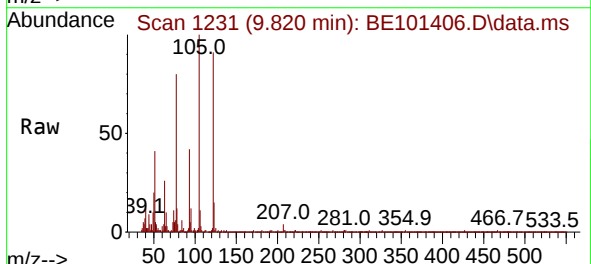
Manual Integrations
APPROVED

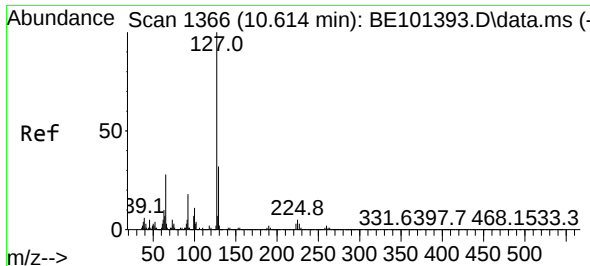
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 11.422 ng m
RT: 9.820 min Scan# 1231
Delta R.T. -0.071 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:122 Resp: 25115
Ion Ratio Lower Upper
122 100
105 110.3 97.9 137.9
77 88.5 68.1 108.1





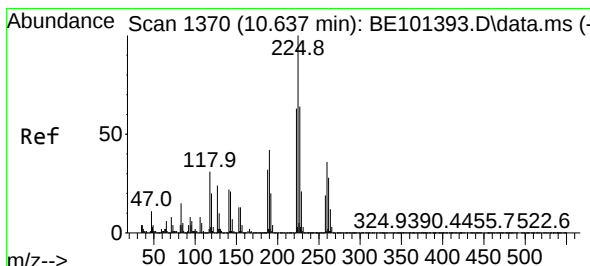
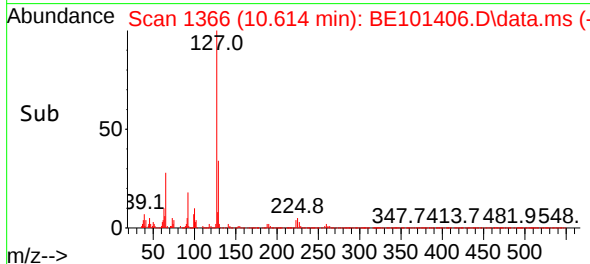
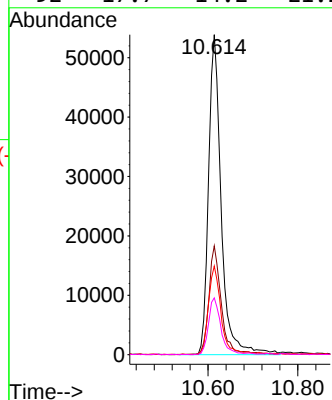
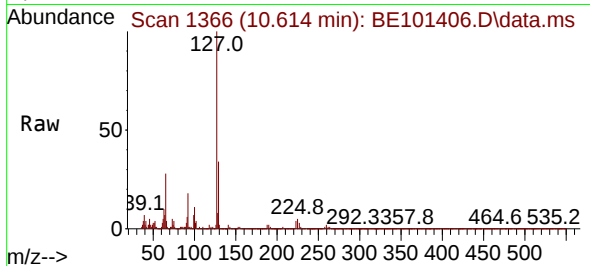
#33
4-Chloroaniline
Concen: 9.742 ng
RT: 10.614 min Scan# 1366
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.0	25.7	38.5
65	27.7	22.2	33.4
92	17.7	14.2	21.2

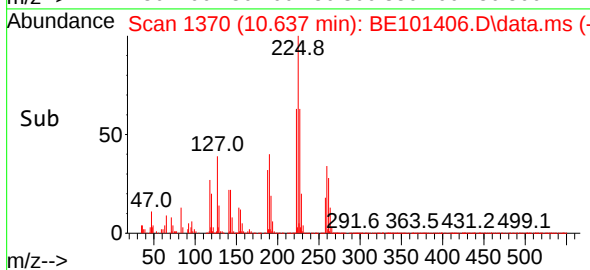
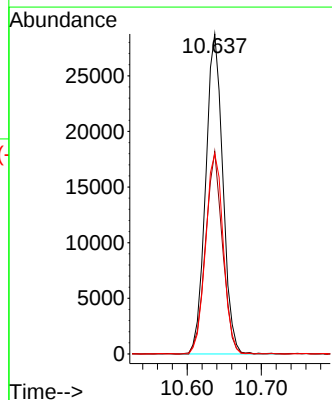
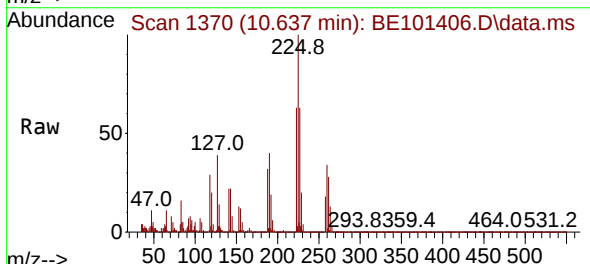
Manual Integrations
APPROVED

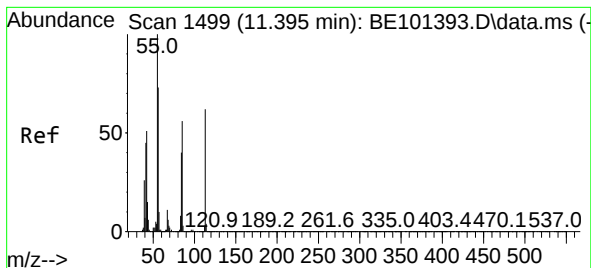
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#34
Hexachlorobutadiene
Concen: 8.201 ng
RT: 10.637 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.5	75.7
227	62.5	51.0	76.6





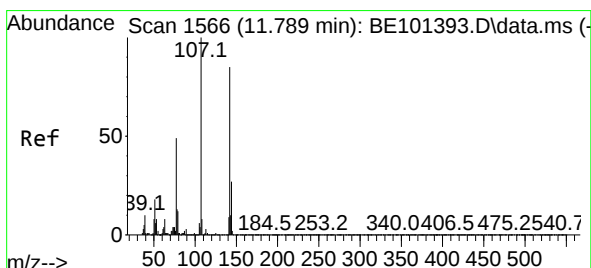
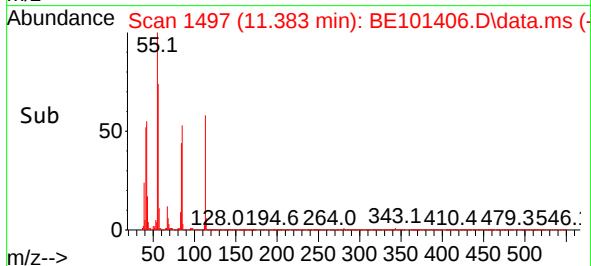
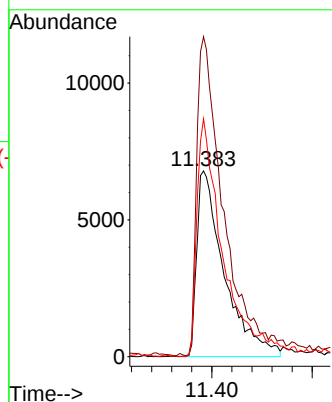
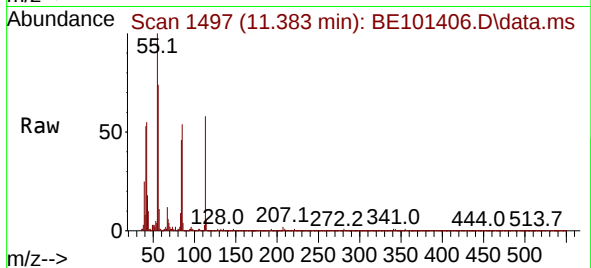
#35
Caprolactam
Concen: 7.697 ng
RT: 11.383 min Scan# 1499
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:113 Resp: 25754
Ion Ratio Lower Upper
113 100
55 172.3 141.2 181.2
56 128.1 96.9 136.9

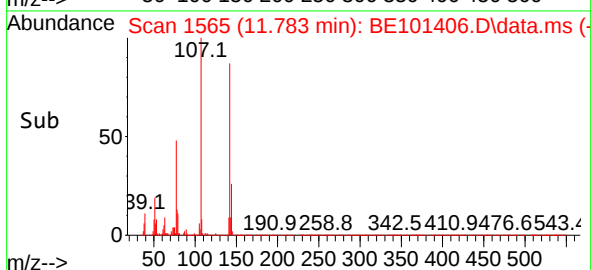
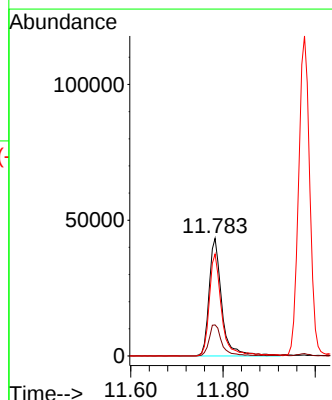
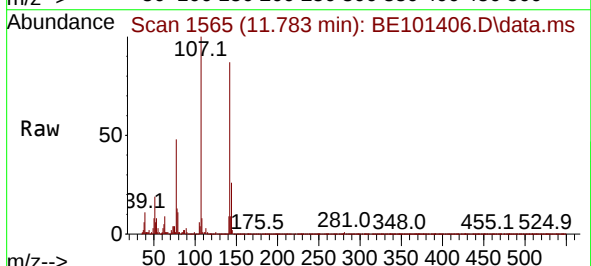
Manual Integrations
APPROVED

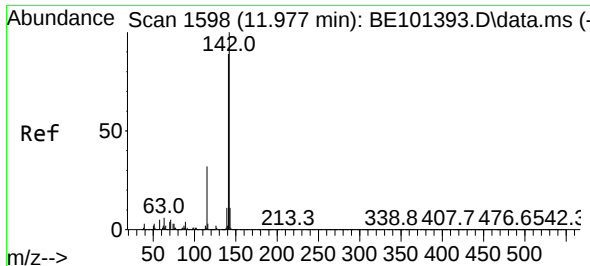
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 8.342 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:107 Resp: 82916
Ion Ratio Lower Upper
107 100
144 26.4 21.9 32.9
142 86.6 68.0 102.0





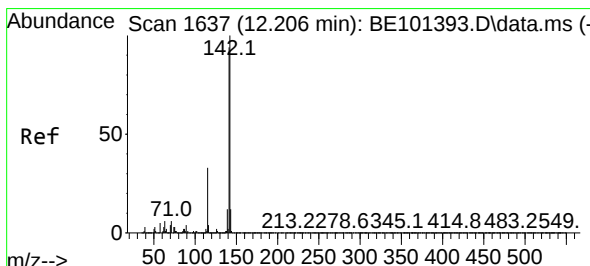
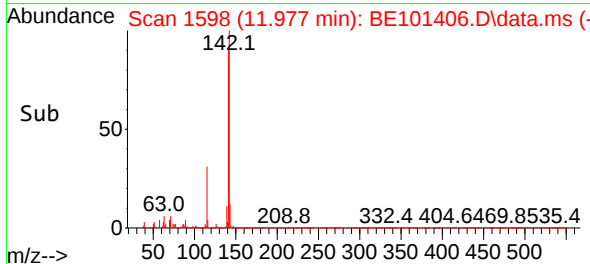
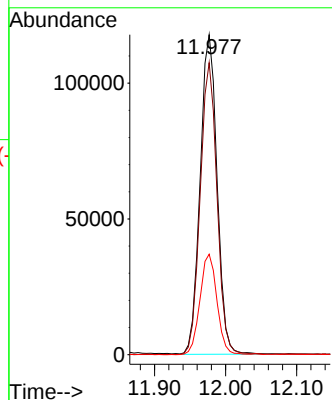
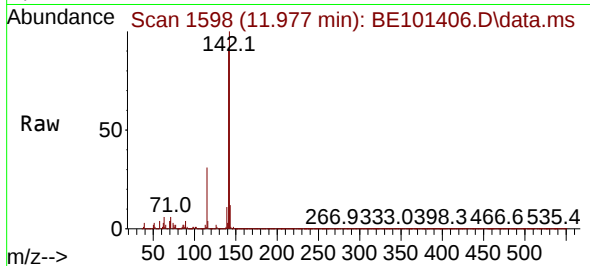
#37
2-Methylnaphthalene
Concen: 8.694 ng
RT: 11.977 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:142 Resp: 19542
Ion Ratio Lower Upper
142 100
141 91.2 71.4 107.2
115 31.4 25.6 38.4

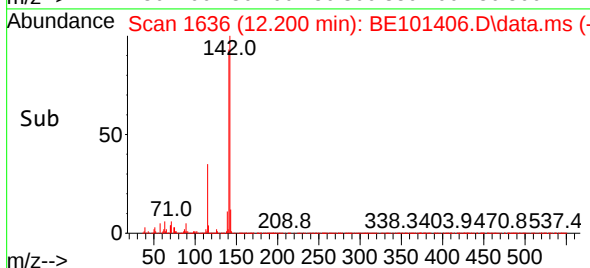
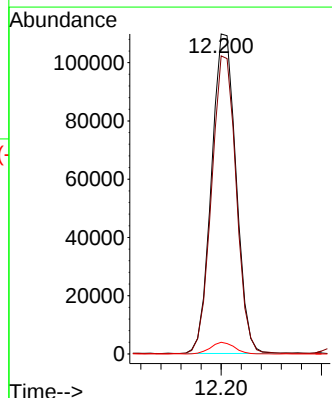
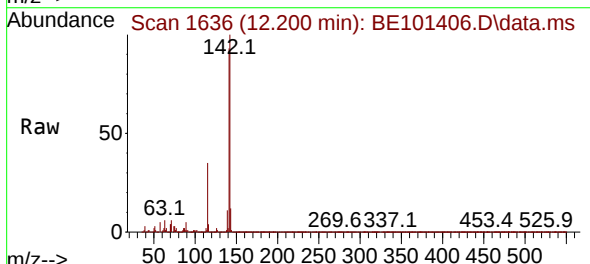
Manual Integrations
APPROVED

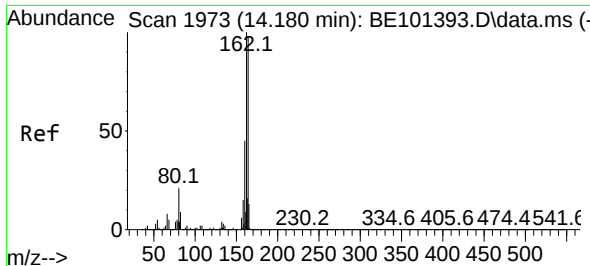
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 8.306 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

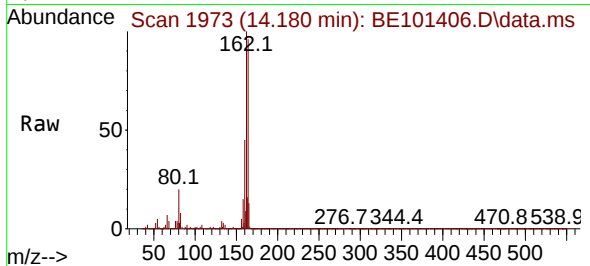
Tgt Ion:142 Resp: 186338
Ion Ratio Lower Upper
142 100
141 93.2 75.0 112.4
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

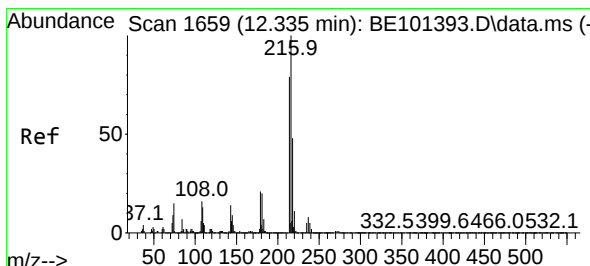
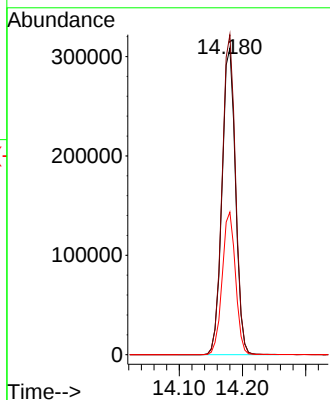
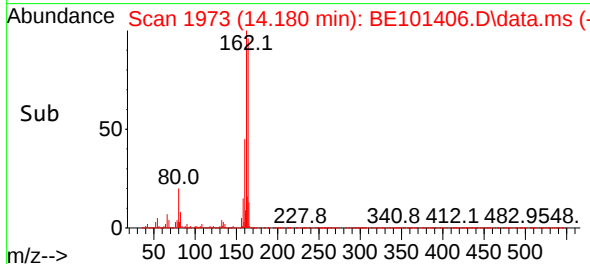
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 456923
Ion Ratio Lower Upper
164 100
162 104.4 81.3 121.9
160 46.5 36.4 54.6

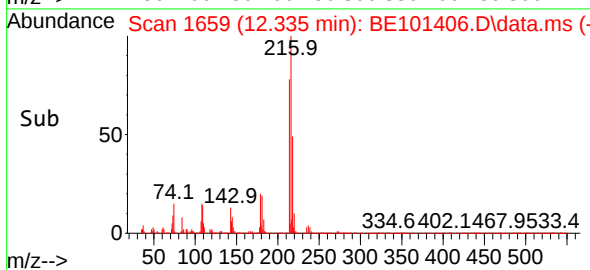
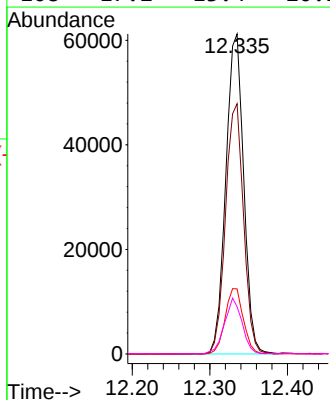
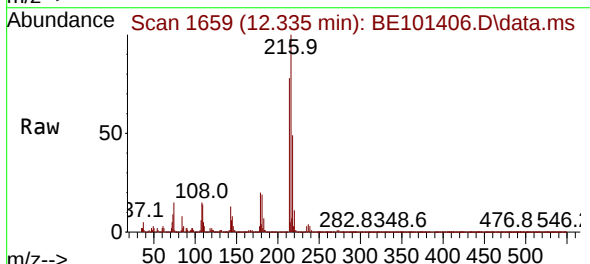
Manual Integrations
APPROVED

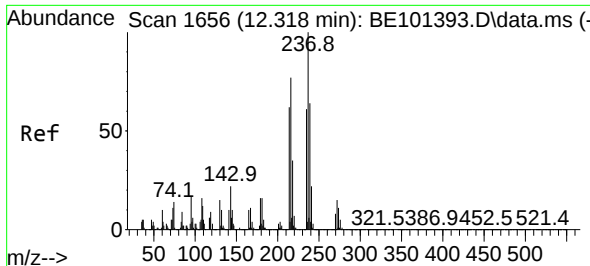
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.553 ng
RT: 12.335 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

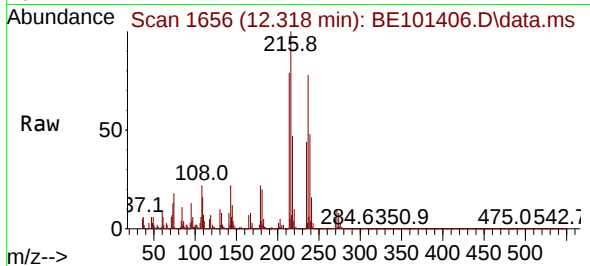
Tgt Ion:216 Resp: 98102
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 20.9 16.7 25.1
108 17.2 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 7.363 ng
RT: 12.318 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

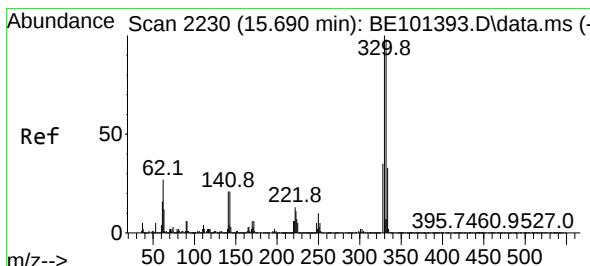
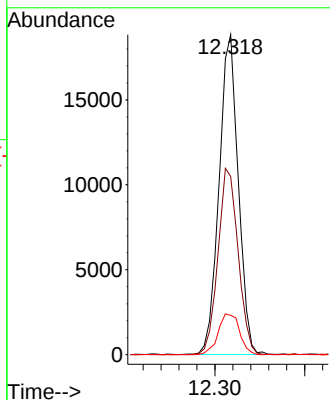
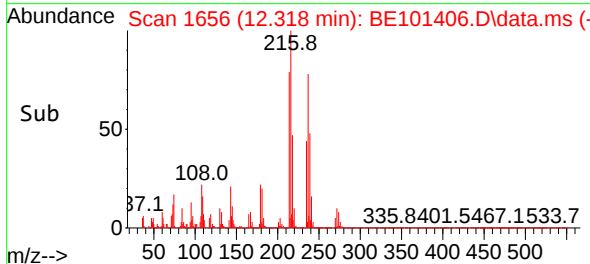
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024



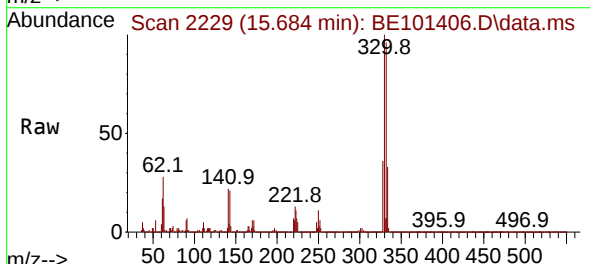
Tgt Ion: 237 Resp: 2789
Ion Ratio Lower Upper
237 100
235 55.7 41.3 81.3
272 12.3 0.0 34.6

Manual Integrations
APPROVED

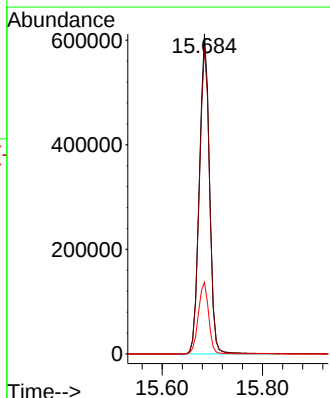
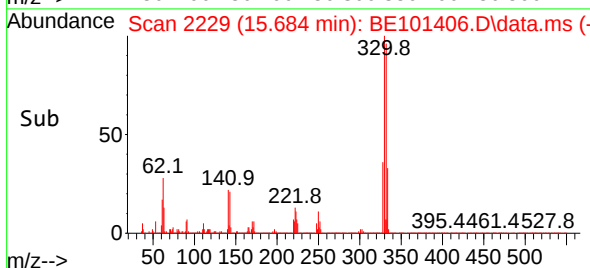
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

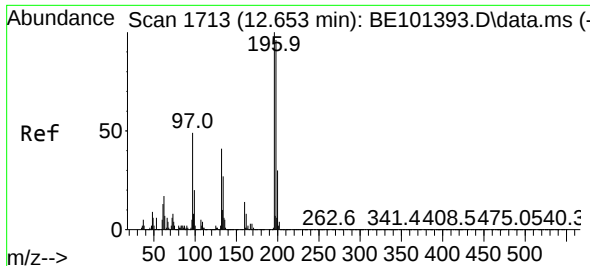


#42
2,4,6-Tribromophenol
Concen: 107.099 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



Tgt Ion: 330 Resp: 857692
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 22.6 18.3 27.5





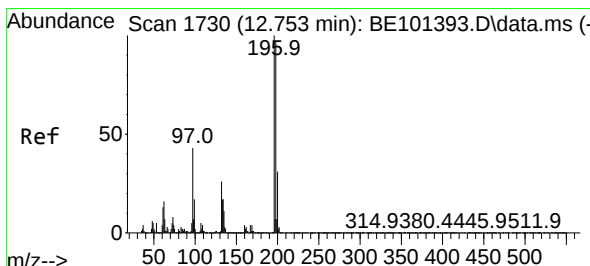
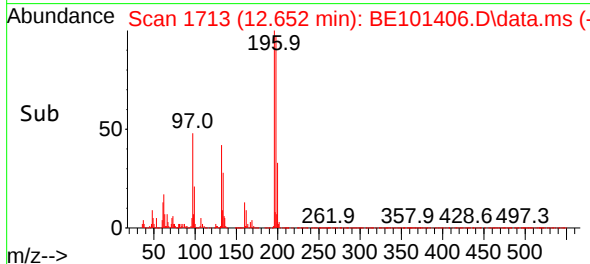
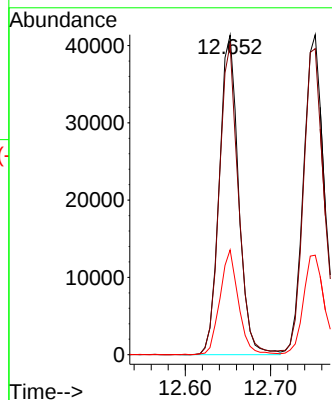
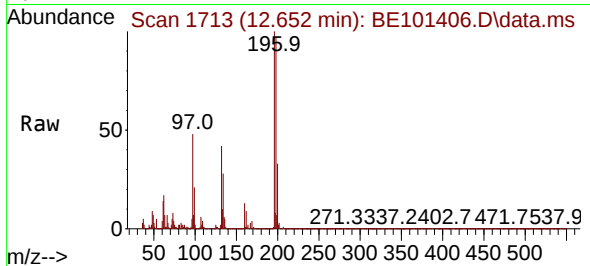
#43
2,4,6-Trichlorophenol
Concen: 8.179 ng
RT: 12.652 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:196 Resp: 64678
Ion Ratio Lower Upper
196 100
198 97.1 76.6 115.0
200 32.8 24.1 36.1

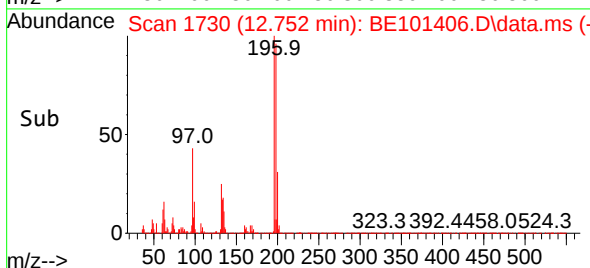
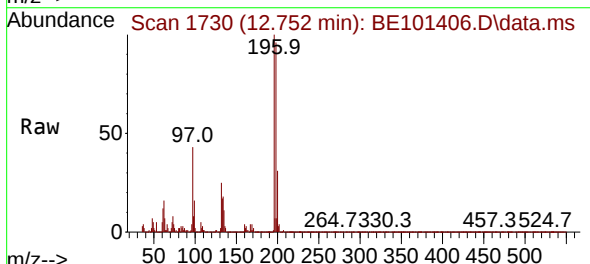
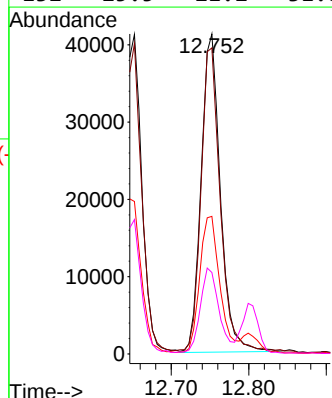
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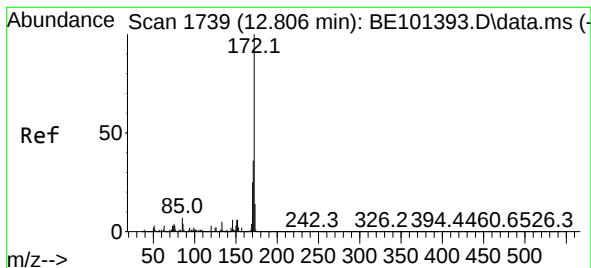
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#44
2,4,5-Trichlorophenol
Concen: 7.838 ng
RT: 12.752 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:196 Resp: 70972
Ion Ratio Lower Upper
196 100
198 95.6 77.4 116.0
97 43.0 34.8 52.2
132 25.5 21.2 31.8





#45

2-Fluorobiphenyl

Concen: 74.304 ng

RT: 12.805 min Scan# 1739

Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:172 Resp: 2004760

Ion Ratio Lower Upper

172 100

171 37.0 29.2 43.8

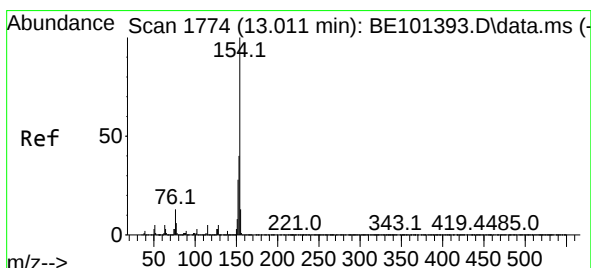
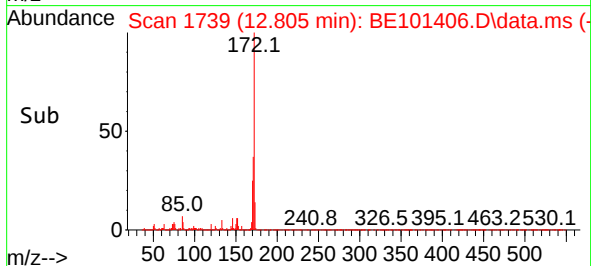
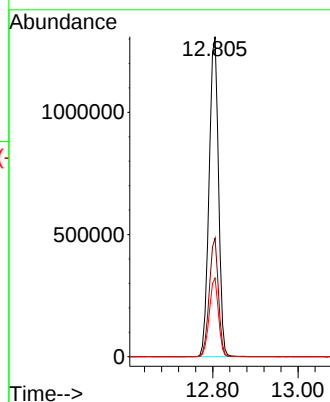
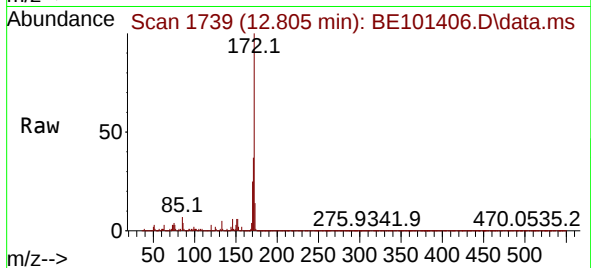
170 24.6 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#46

1,1'-Biphenyl

Concen: 9.013 ng

RT: 13.005 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

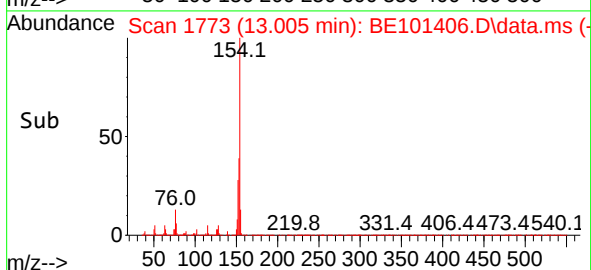
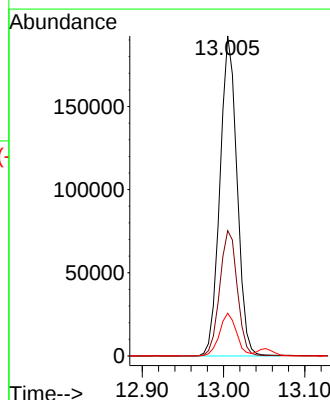
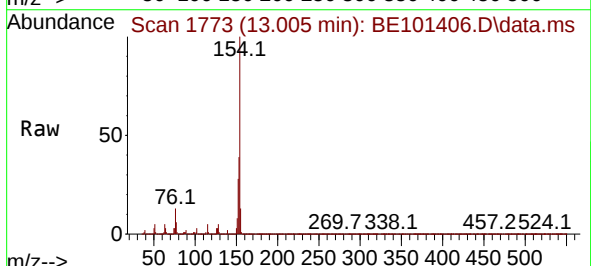
Tgt Ion:154 Resp: 282133

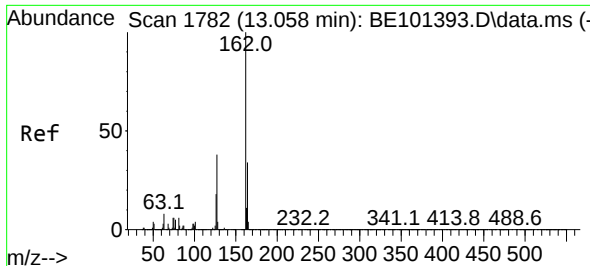
Ion Ratio Lower Upper

154 100

153 39.1 20.3 60.3

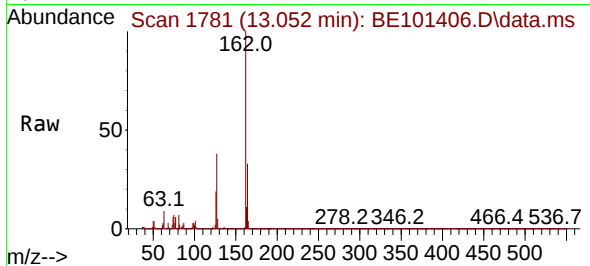
76 13.4 0.0 32.6





#47
2-Chloronaphthalene
Concen: 8.477 ng
RT: 13.052 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

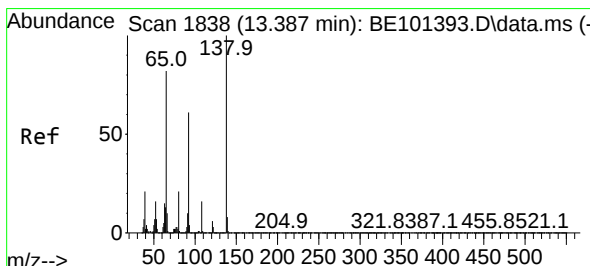
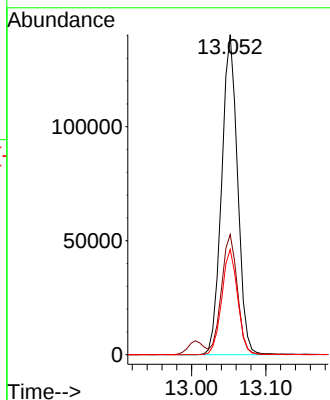
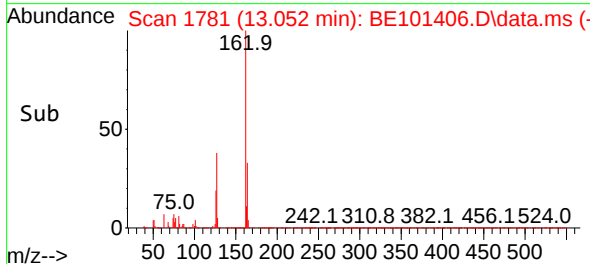
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



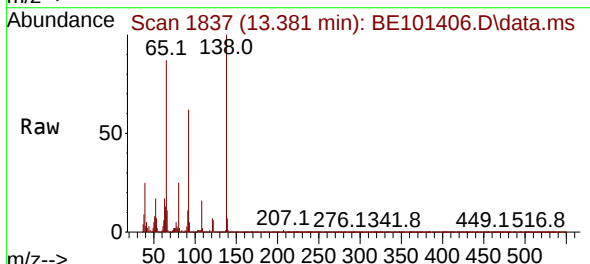
Tgt Ion:162 Resp: 209649
Ion Ratio Lower Upper
162 100
127 37.6 30.4 45.6
164 32.8 27.0 40.6

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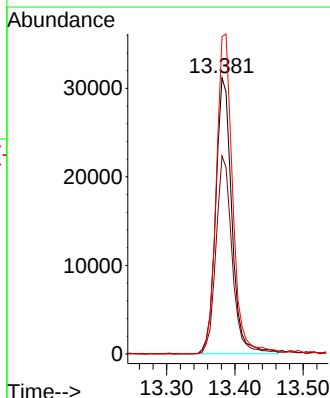
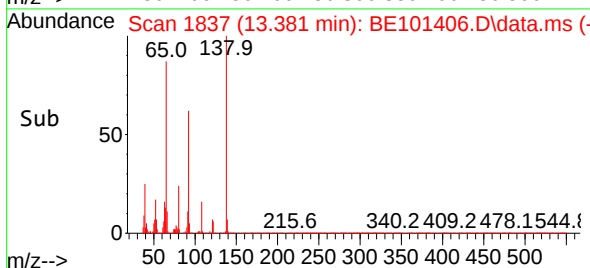
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

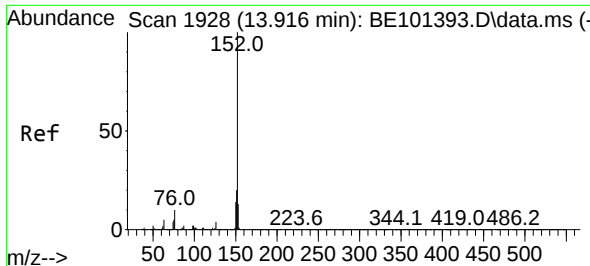


#48
2-Nitroaniline
Concen: 7.717 ng
RT: 13.381 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



Tgt Ion: 65 Resp: 51364
Ion Ratio Lower Upper
65 100
92 71.7 59.0 88.4
138 115.0 97.4 146.0





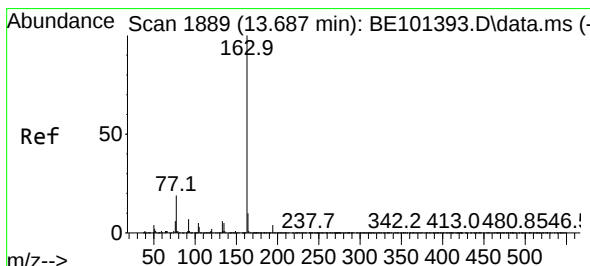
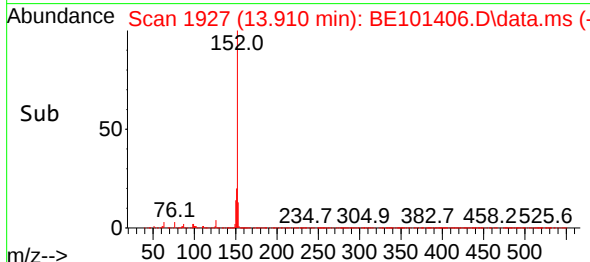
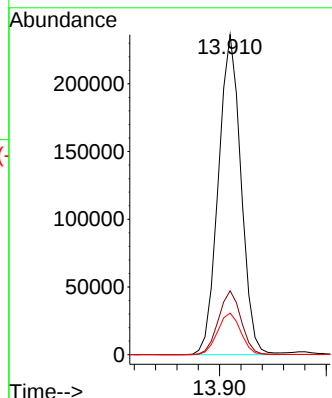
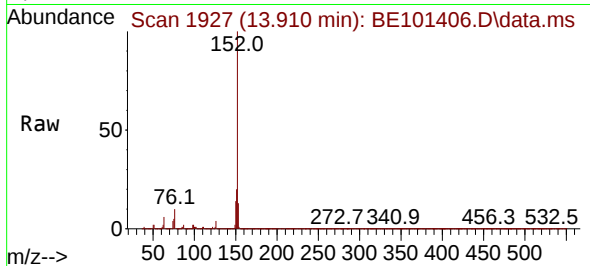
#49
Acenaphthylene
Concen: 9.501 ng
RT: 13.910 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:152 Resp: 34751
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.0 10.5 15.7

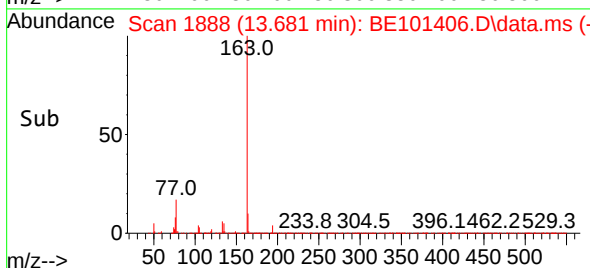
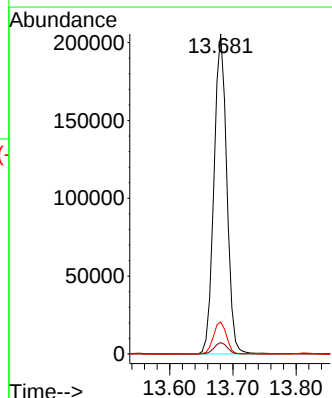
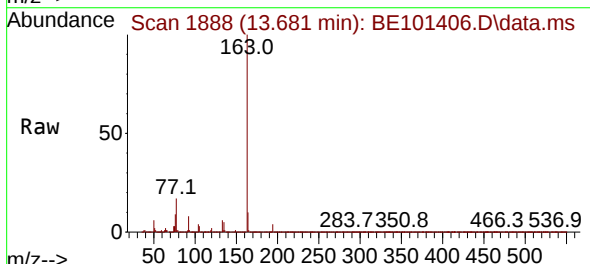
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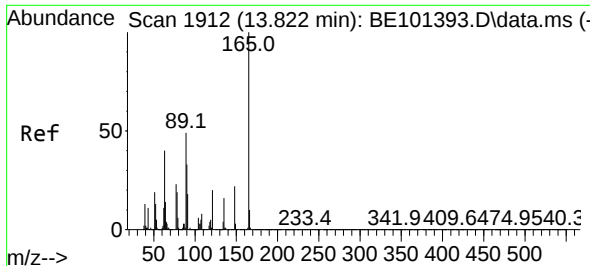
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 8.958 ng
RT: 13.681 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:163 Resp: 288905
Ion Ratio Lower Upper
163 100
194 3.6 2.9 4.3
164 10.0 8.4 12.6





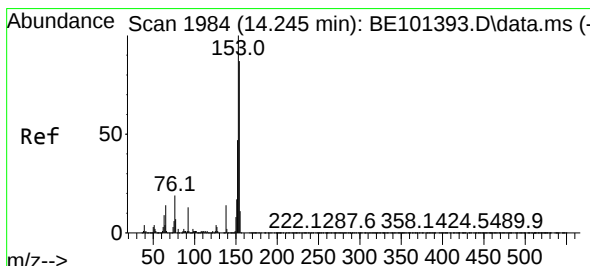
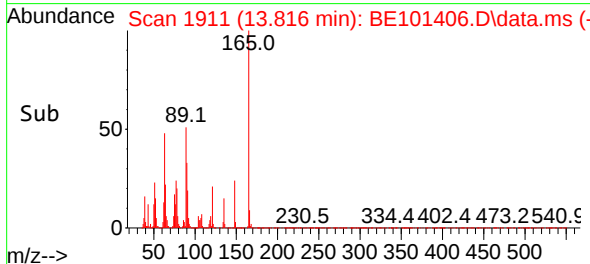
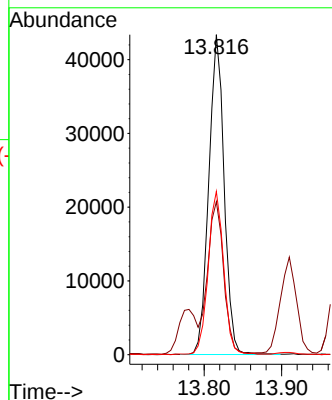
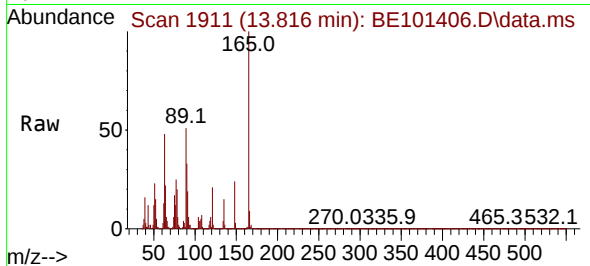
#51
2,6-Dinitrotoluene
Concen: 8.018 ng
RT: 13.816 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 5970
Ion Ratio Lower Upper
165 100
63 47.8 38.0 57.0
89 51.0 39.5 59.3

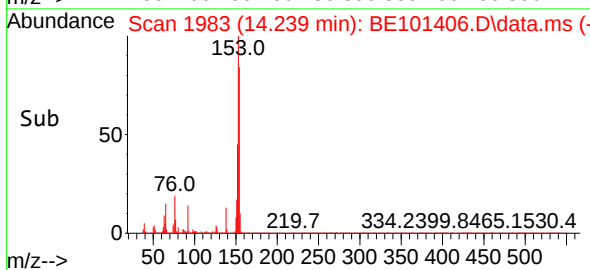
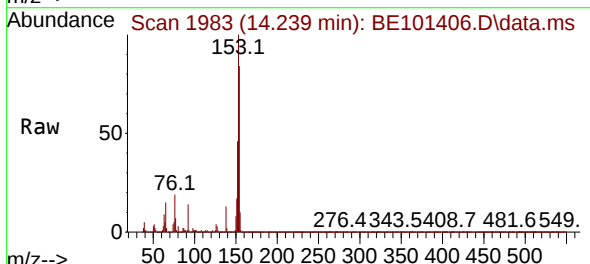
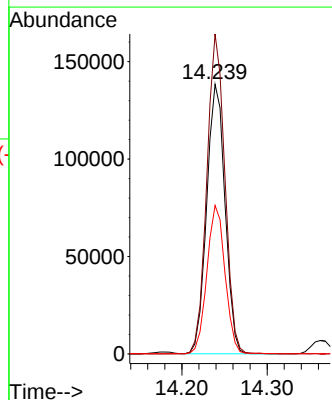
Manual Integrations
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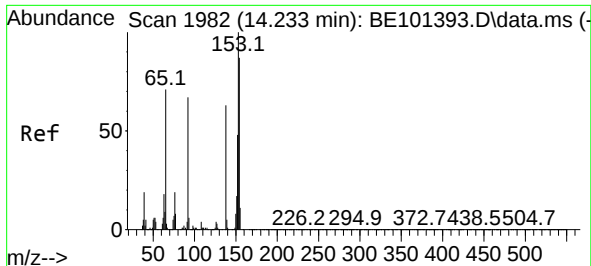
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 8.646 ng
RT: 14.239 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:154 Resp: 206491
Ion Ratio Lower Upper
154 100
153 118.7 91.8 137.6
152 55.0 43.1 64.7





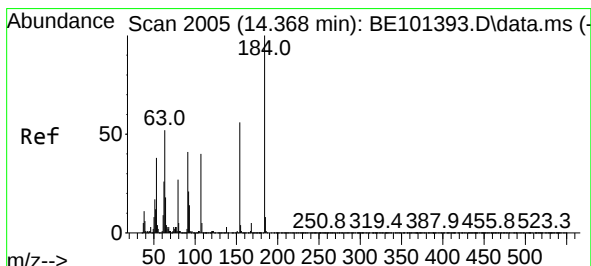
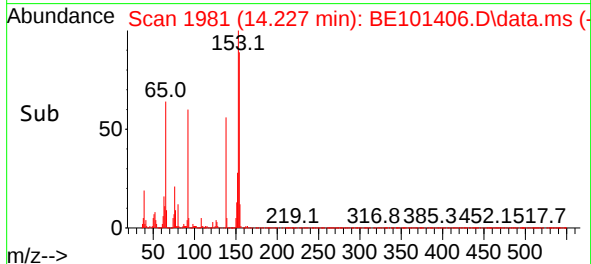
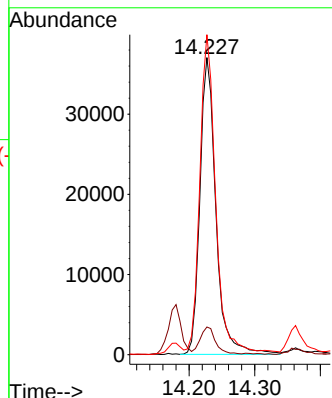
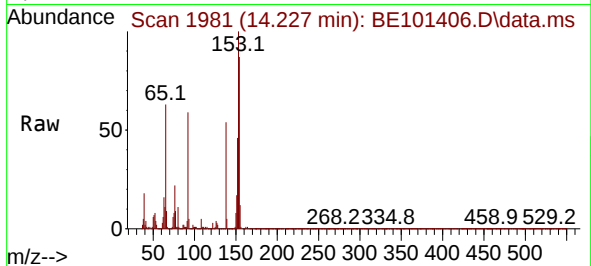
#53
3-Nitroaniline
Concen: 8.499 ng
RT: 14.227 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:138 Resp: 62930
Ion Ratio Lower Upper
138 100
108 9.3 7.1 10.7
92 107.7 84.4 126.6

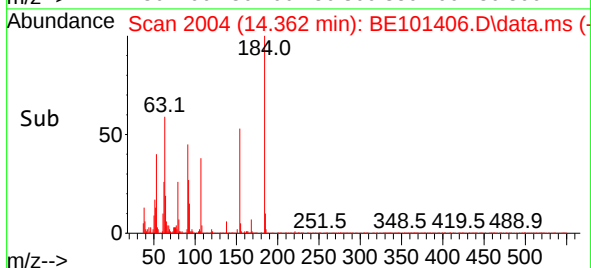
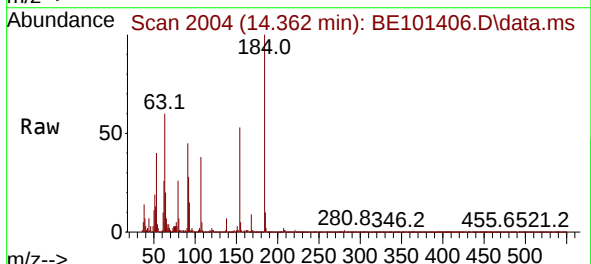
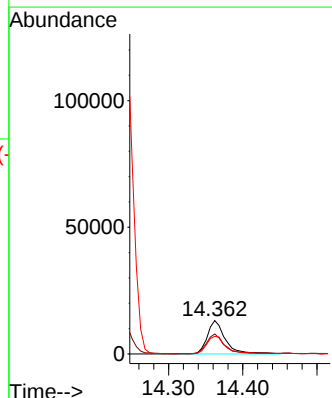
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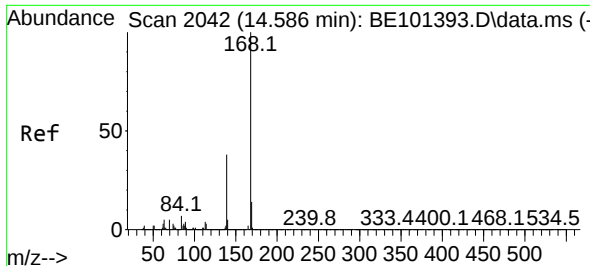
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 9.527 ng
RT: 14.362 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:184 Resp: 22250
Ion Ratio Lower Upper
184 100
63 59.5 41.8 62.6
154 52.5 44.9 67.3





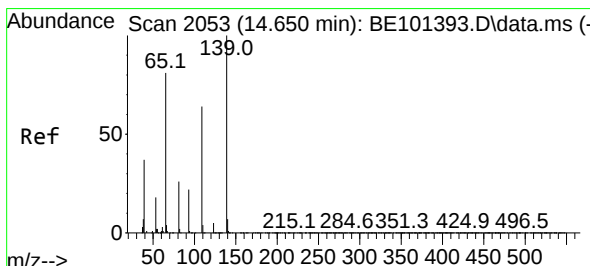
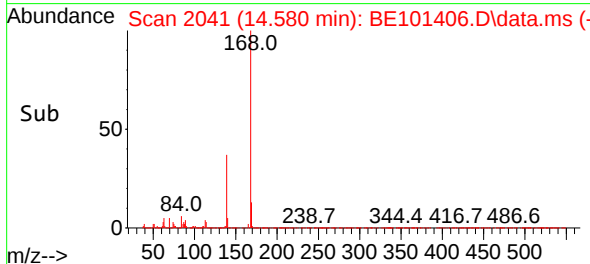
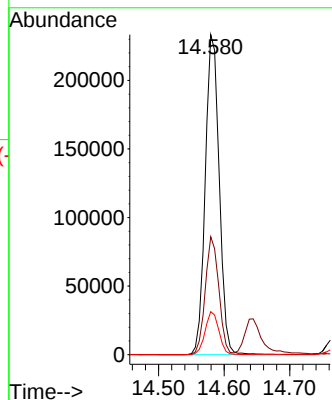
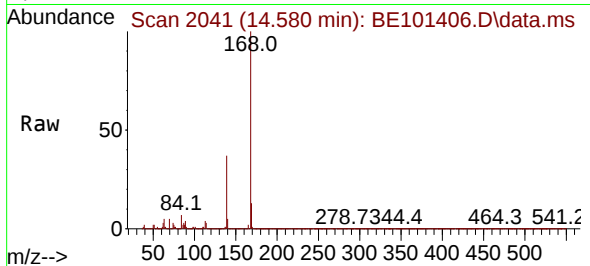
#55
Dibenzenofuran
Concen: 9.091 ng
RT: 14.580 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:168 Resp: 346050
Ion Ratio Lower Upper
168 100
139 36.8 30.2 45.4
169 13.4 11.0 16.4

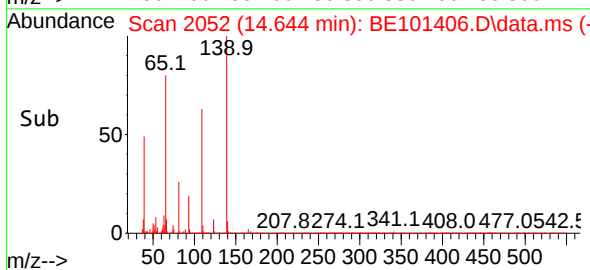
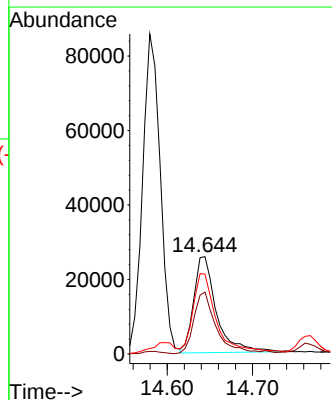
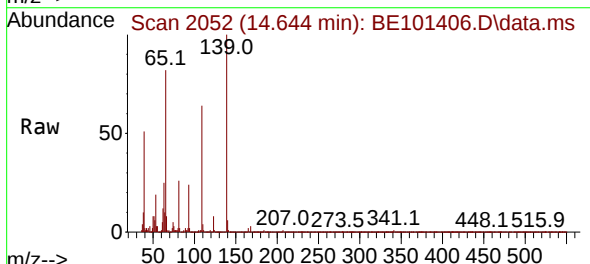
Manual Integrations
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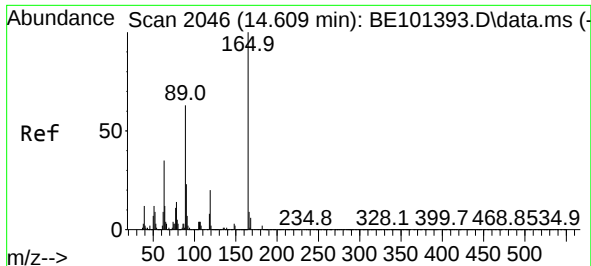
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 7.017 ng
RT: 14.644 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:139 Resp: 47578
Ion Ratio Lower Upper
139 100
109 63.6 42.4 82.4
65 82.1 63.4 103.4





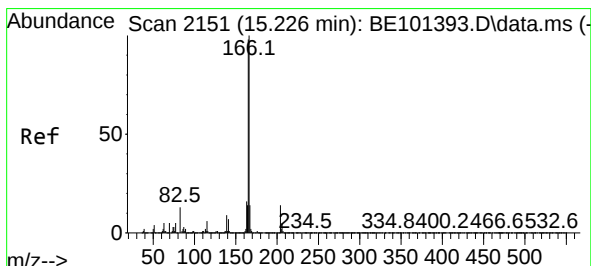
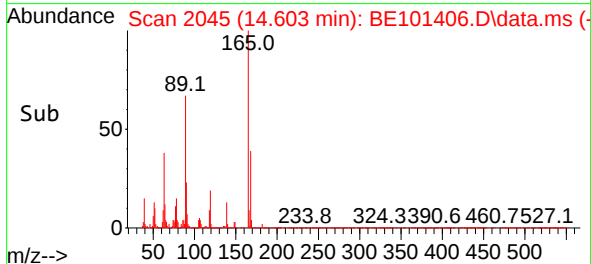
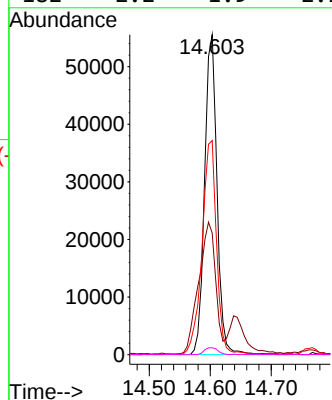
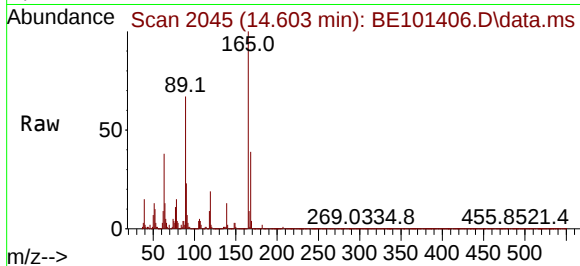
#57
2,4-Dinitrotoluene
Concen: 7.683 ng
RT: 14.603 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:165 Resp: 78768
Ion Ratio Lower Upper
165 100
63 38.0 28.6 42.8
89 66.9 50.8 76.2
182 2.2 1.9 2.9

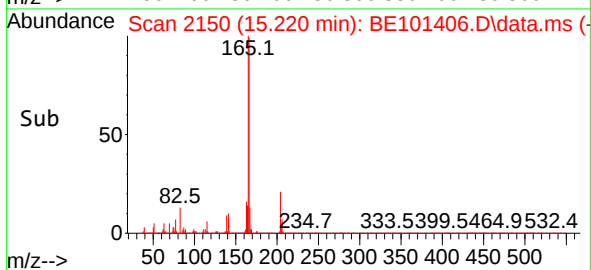
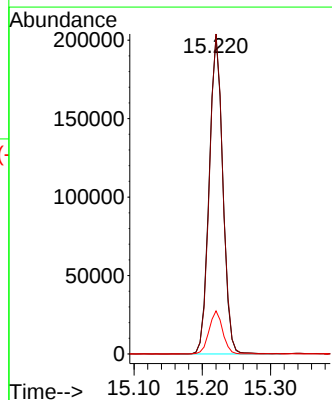
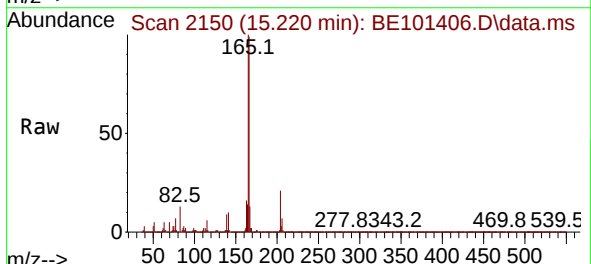
Manual Integrations
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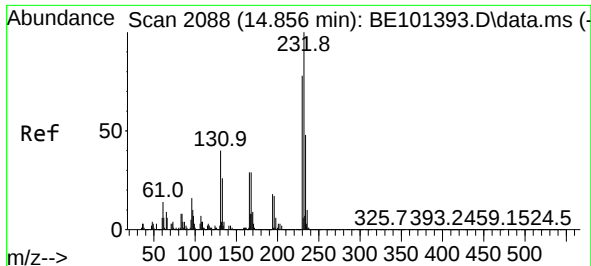
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 8.836 ng
RT: 15.220 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

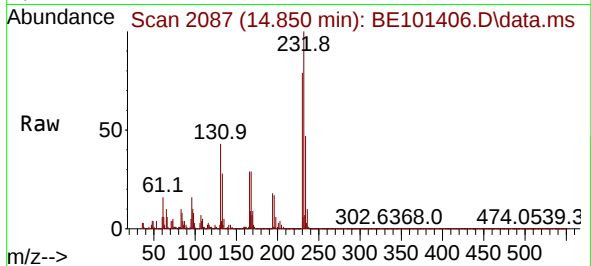
Tgt Ion:166 Resp: 281372
Ion Ratio Lower Upper
166 100
165 100.8 78.7 118.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.671 ng
RT: 14.850 min Scan# 2088
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

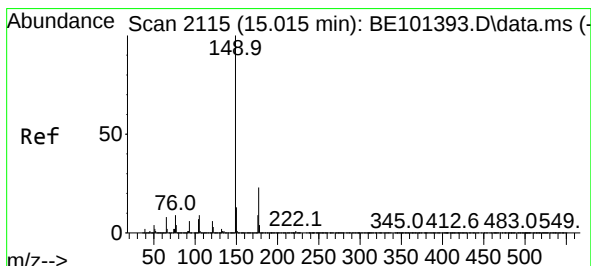
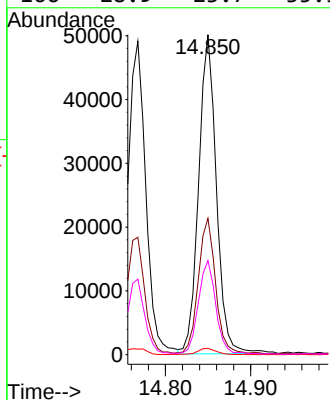
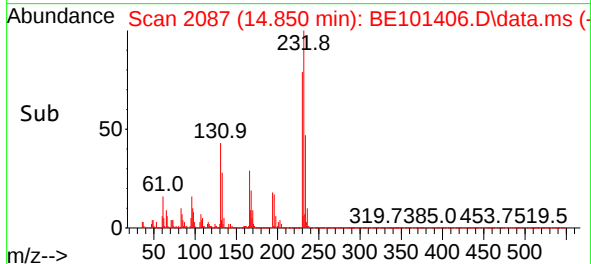
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 72541
Ion Ratio Lower Upper
232 100
131 41.8 33.5 50.3
130 2.2 1.6 2.4
166 28.9 23.7 35.5

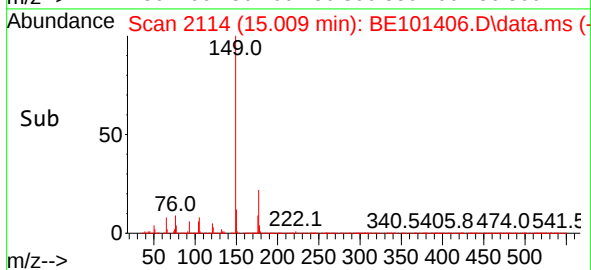
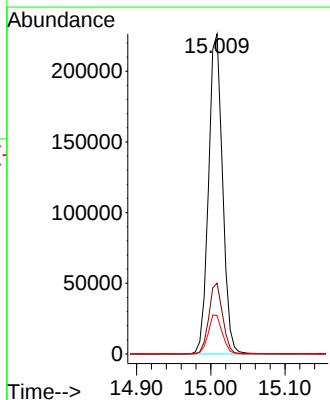
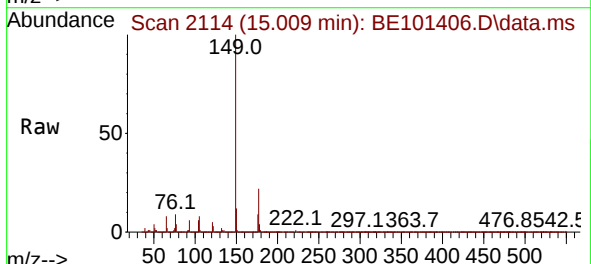
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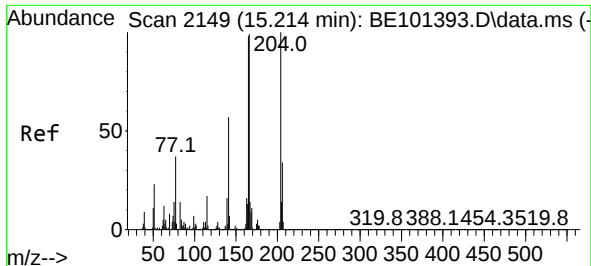
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#60
Diethylphthalate
Concen: 8.785 ng
RT: 15.009 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:149 Resp: 296367
Ion Ratio Lower Upper
149 100
177 22.2 18.0 27.0
150 12.0 10.3 15.5





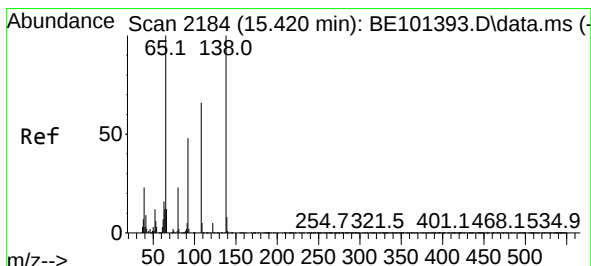
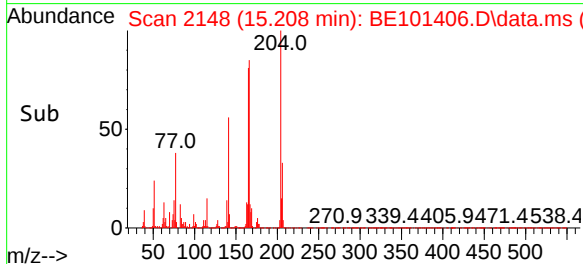
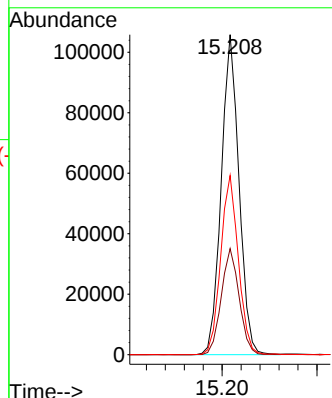
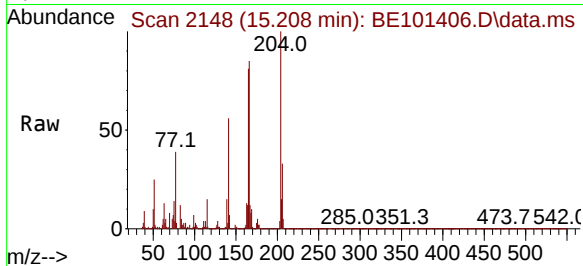
#61
4-Chlorophenyl-phenylether
Concen: 8.707 ng
RT: 15.208 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:204 Resp: 13758
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 56.0 45.9 68.9

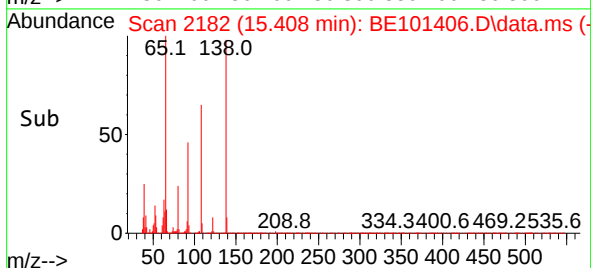
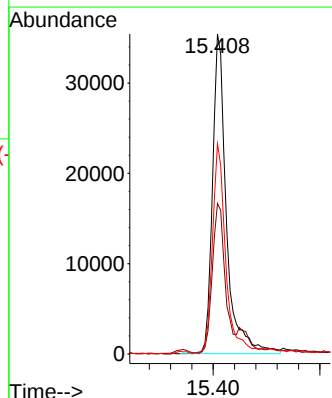
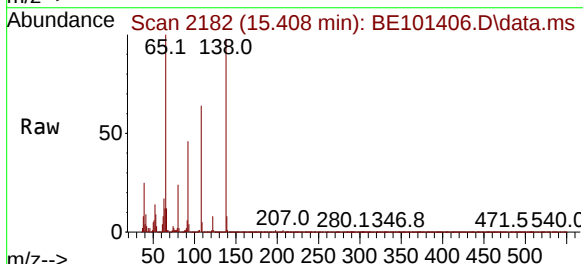
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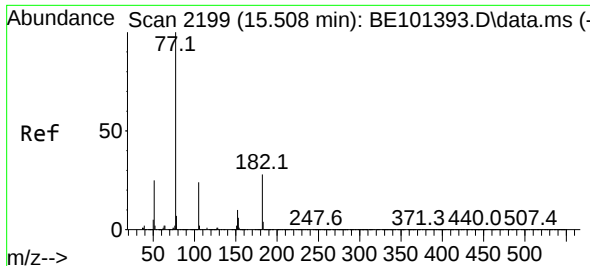
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 7.787 ng
RT: 15.408 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

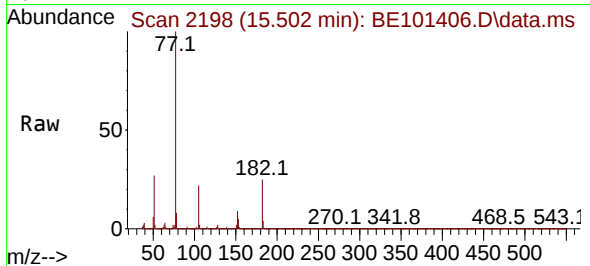
Tgt Ion:138 Resp: 64159
Ion Ratio Lower Upper
138 100
92 47.1 28.7 68.7
108 65.7 46.5 86.5





#63
Azobenzene
Concen: 8.871 ng
RT: 15.502 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

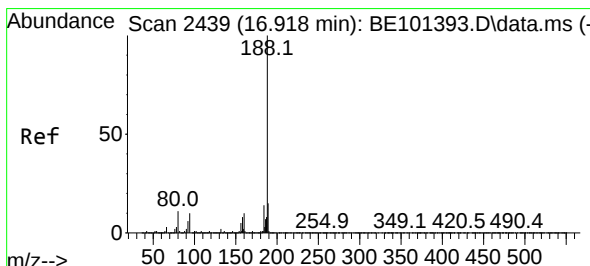
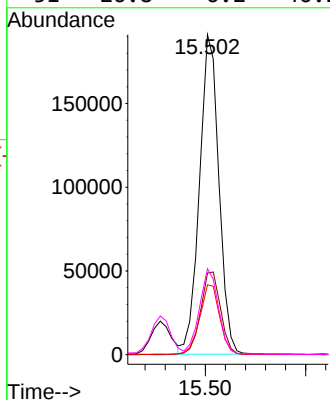
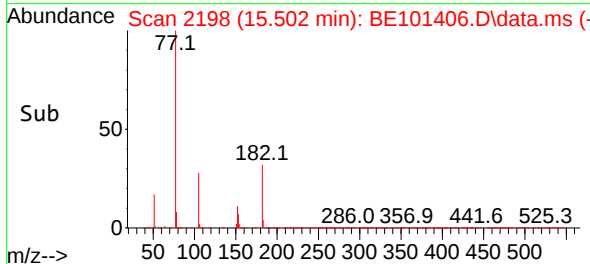
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



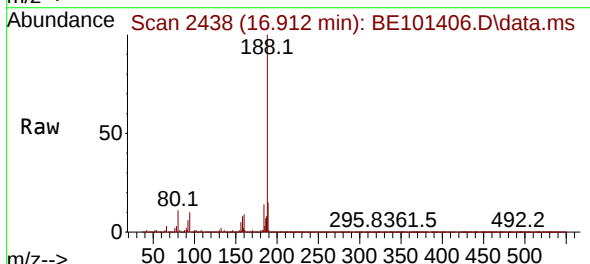
Tgt Ion: 77 Resp: 257254
Ion Ratio Lower Upper
77 100
182 25.5 7.6 47.6
105 21.9 3.2 43.2
51 26.8 6.2 46.2

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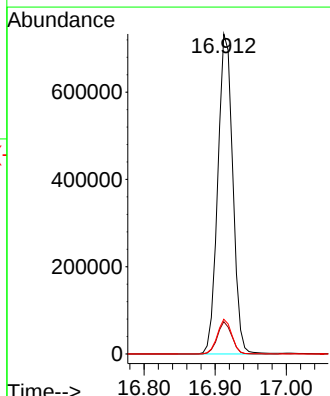
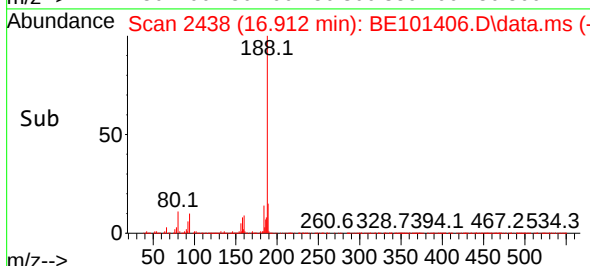
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

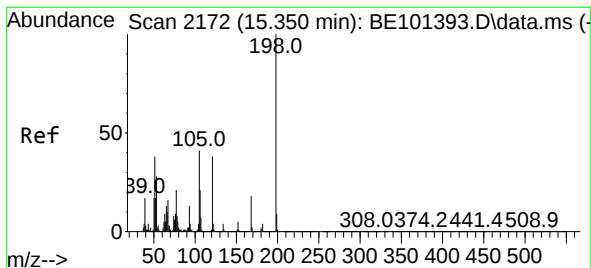


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33



Tgt Ion:188 Resp: 1069244
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.8
80 10.9 8.6 12.8





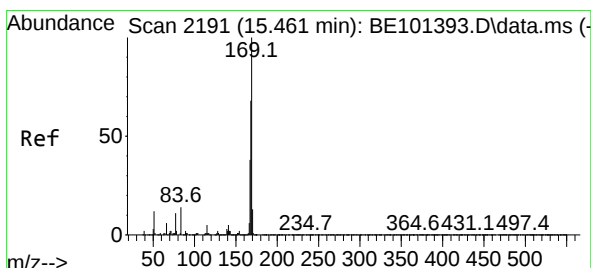
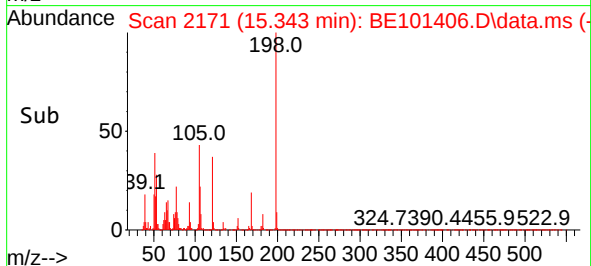
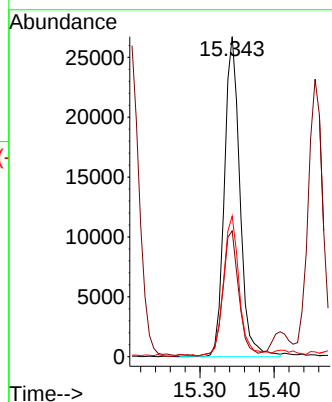
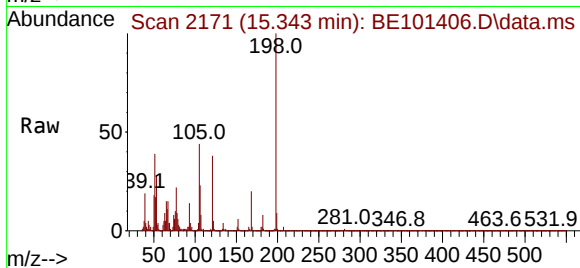
#65
4,6-Dinitro-2-methylphenol
Concen: 6.176 ng
RT: 15.343 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:198 Resp: 3880
Ion Ratio Lower Upper
198 100
51 39.3 18.2 58.2
105 44.0 21.5 61.5

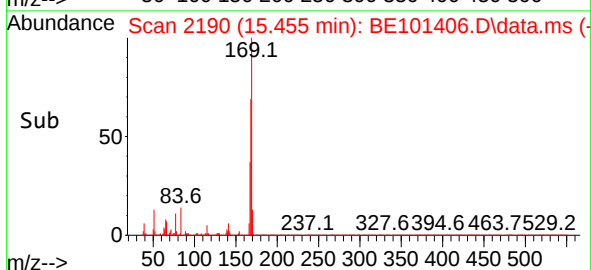
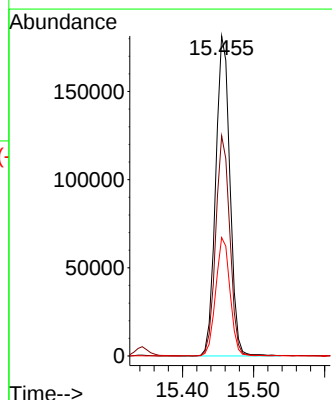
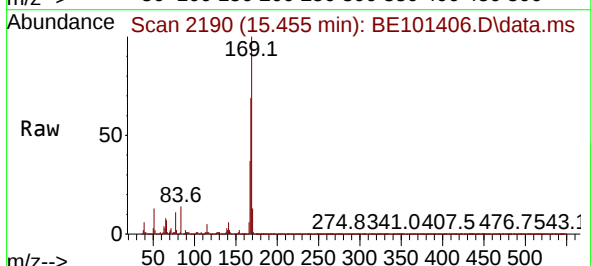
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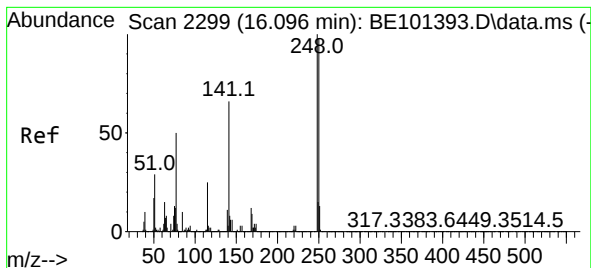
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 8.880 ng
RT: 15.455 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

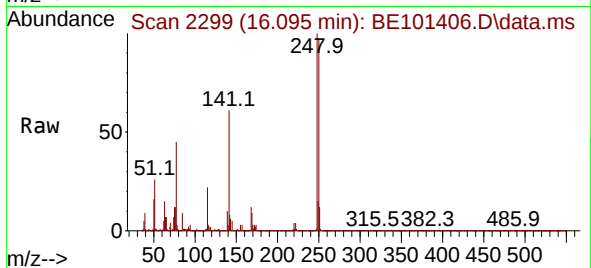
Tgt Ion:169 Resp: 251796
Ion Ratio Lower Upper
169 100
168 68.8 54.5 81.7
167 37.0 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 8.361 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.000 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

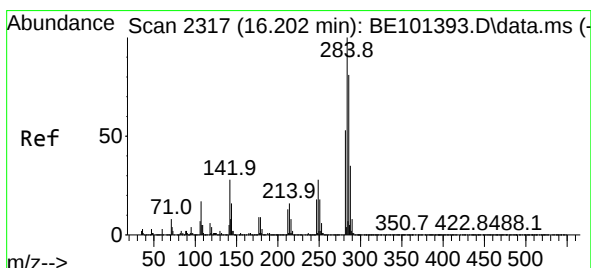
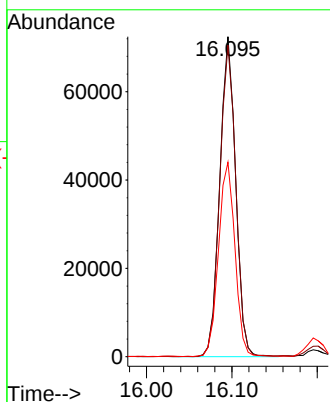
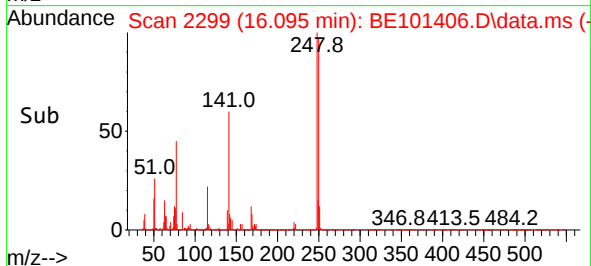
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:248 Resp: 94040
Ion Ratio Lower Upper
248 100
250 97.3 78.2 117.2
141 60.8 53.0 79.4

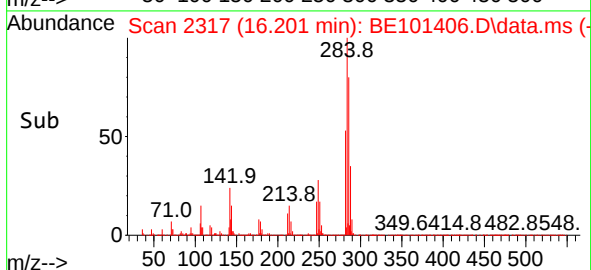
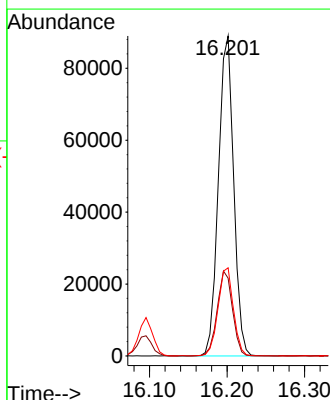
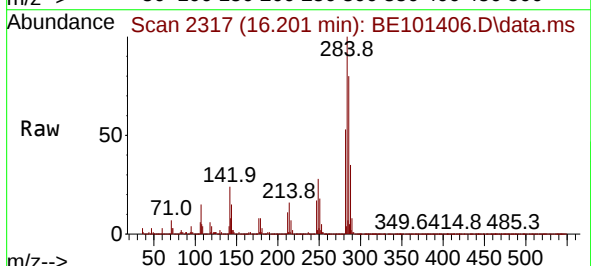
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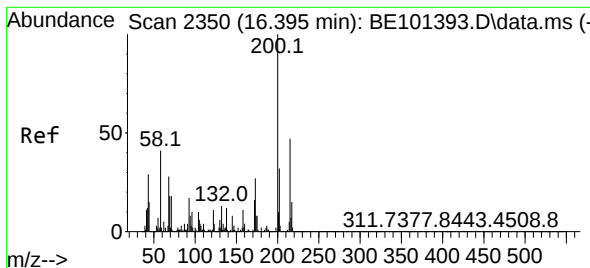
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#68
Hexachlorobenzene
Concen: 8.269 ng
RT: 16.201 min Scan# 2317
Delta R.T. -0.001 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:284 Resp: 121912
Ion Ratio Lower Upper
284 100
142 24.3 22.2 33.2
249 27.6 22.8 34.2





#69

Atrazine

Concen: 10.336 ng

RT: 16.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

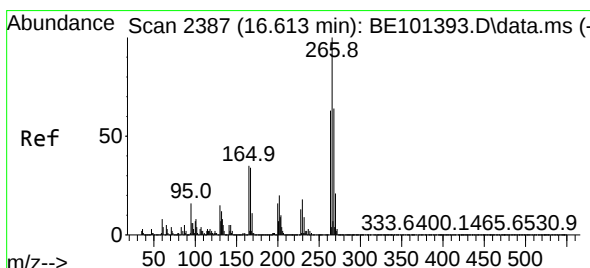
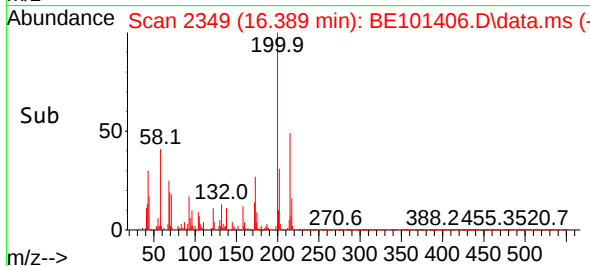
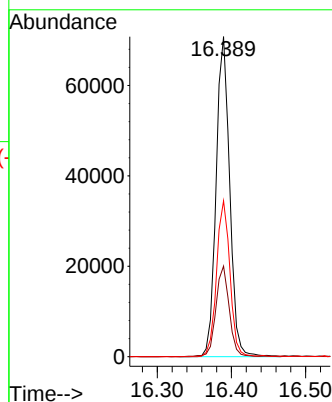
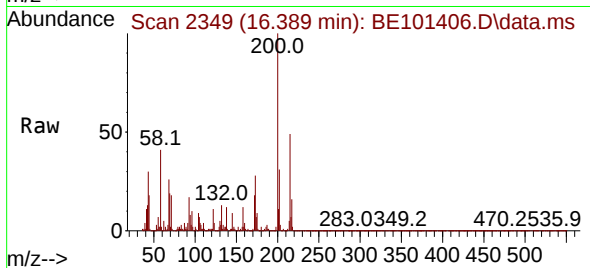
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:200 Resp: 8985
 Ion Ratio Lower Upper
 200 100
 173 28.3 7.0 47.0
 215 48.7 27.3 67.3

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 Supervised By :mohammad ahmed 11/04/2024



#70

Pentachlorophenol

Concen: 7.072 ng m

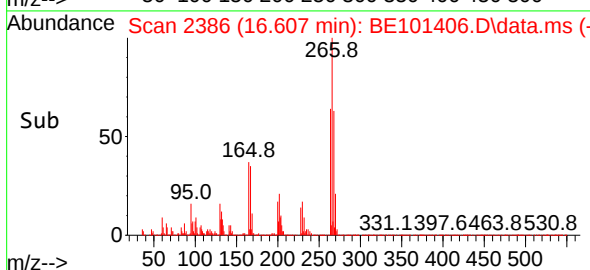
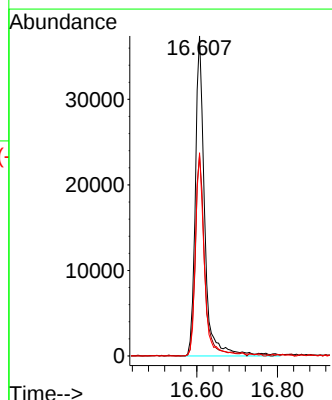
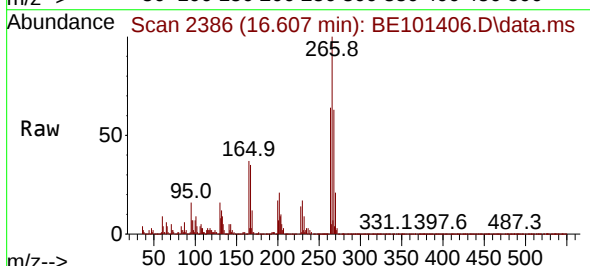
RT: 16.607 min Scan# 2386

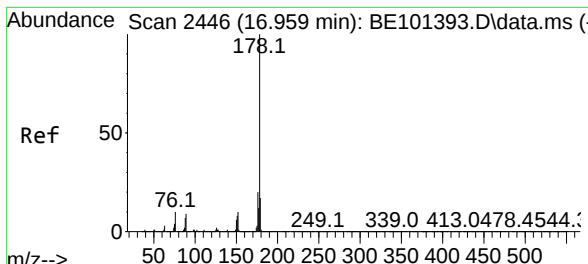
Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:266 Resp: 60013
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.5 77.3
 264 63.5 50.7 76.1





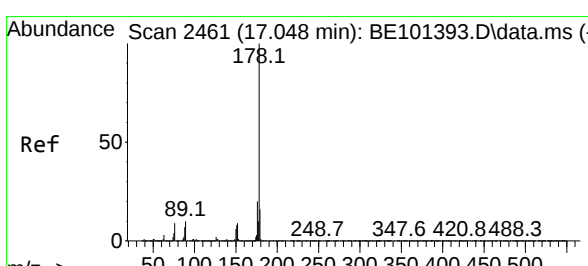
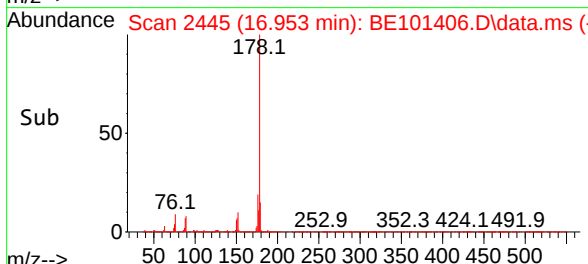
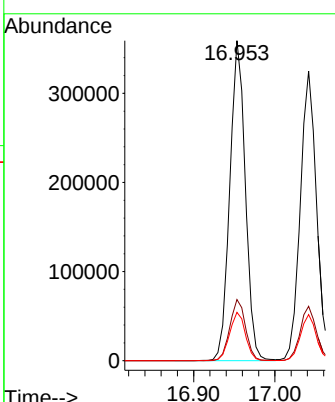
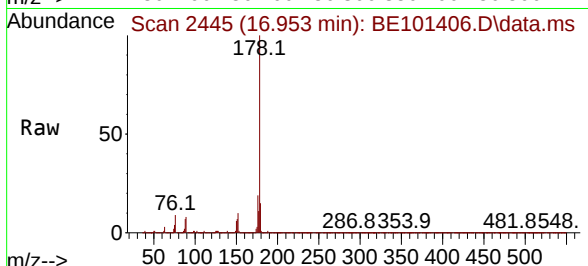
#71
 Phenanthrene
 Concen: 9.304 ng
 RT: 16.953 min Scan# 2445
 Delta R.T. -0.006 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

Instrument : BNA_E
 ClientSampleId : LOQ-WATER-02-QT4-2024

Tgt Ion:178 Resp: 47629

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.4	24.6
179	15.1	13.2	19.8

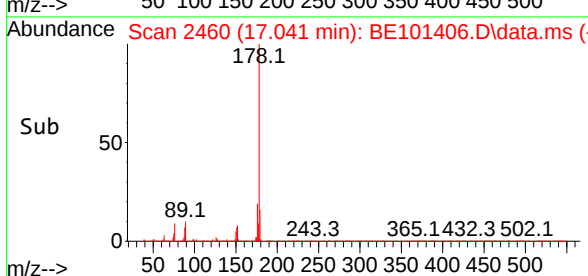
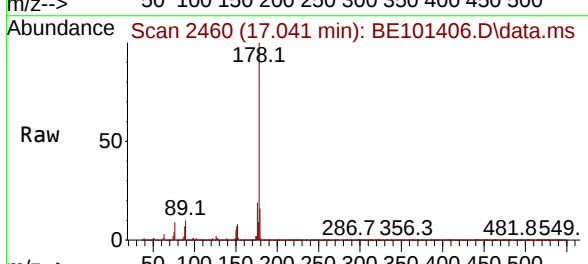
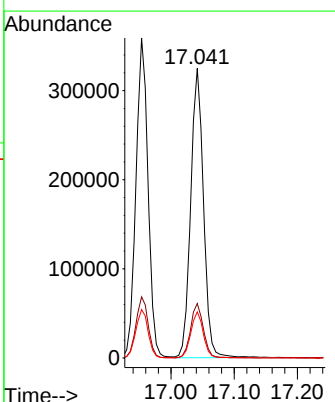
Manual Integrations
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 Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024

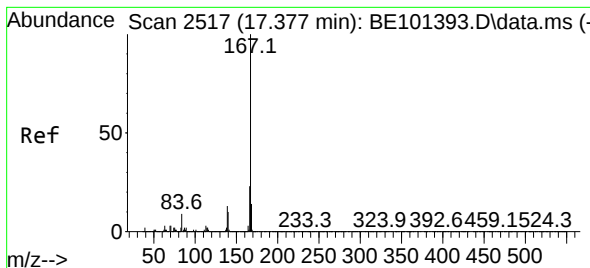


#72
 Anthracene
 Concen: 9.114 ng
 RT: 17.041 min Scan# 2460
 Delta R.T. -0.006 min
 Lab File: BE101406.D
 Acq: 29 Oct 2024 14:33

Tgt Ion:178 Resp: 455592

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	15.9	13.1	19.7





#73

Carbazole

Concen: 8.736 ng

RT: 17.370 min Scan# 2517

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

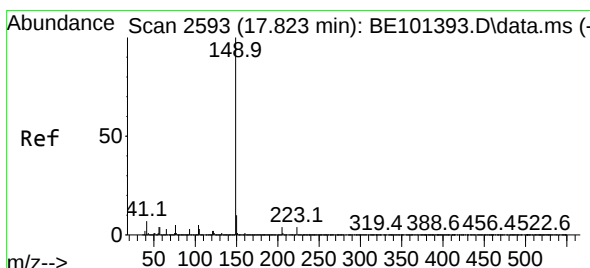
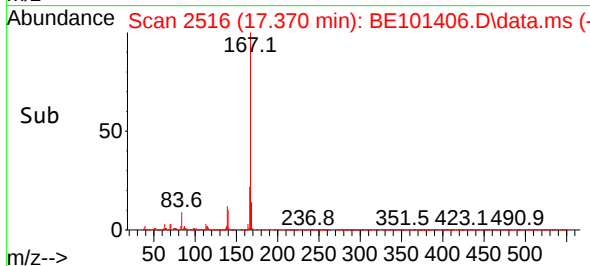
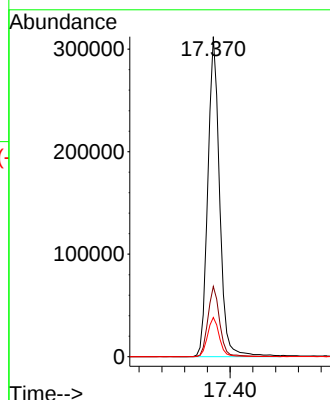
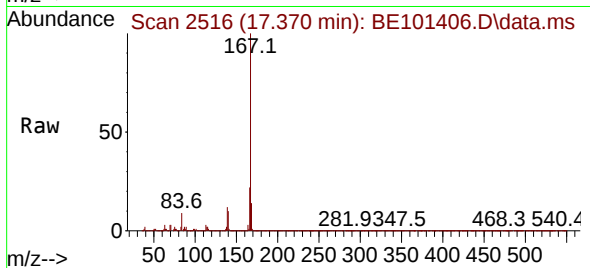
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:167 Resp: 446834
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.3 27.5
 139 12.2 10.8 16.2

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 Supervised By :mohammad ahmed 11/04/2024



#74

Di-n-butylphthalate

Concen: 8.910 ng

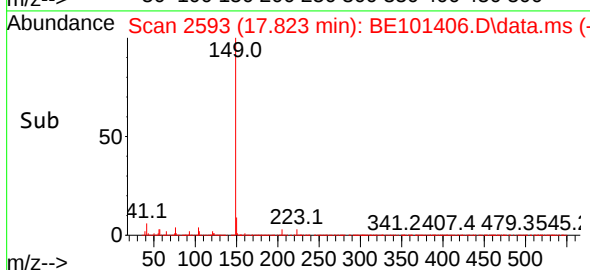
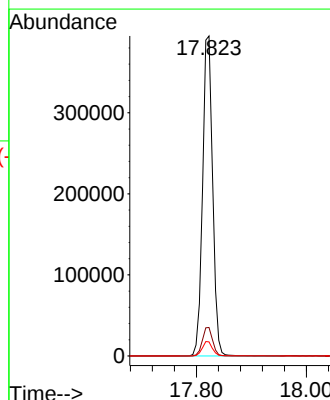
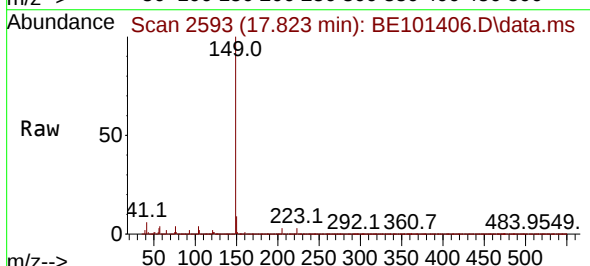
RT: 17.823 min Scan# 2593

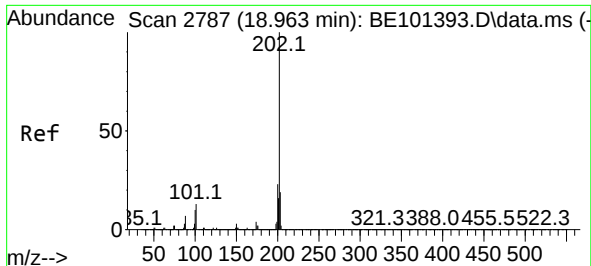
Delta R.T. -0.000 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:149 Resp: 501706
 Ion Ratio Lower Upper
 149 100
 150 8.9 8.2 12.4
 104 4.4 3.9 5.9





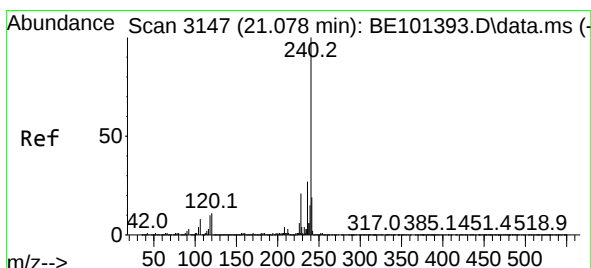
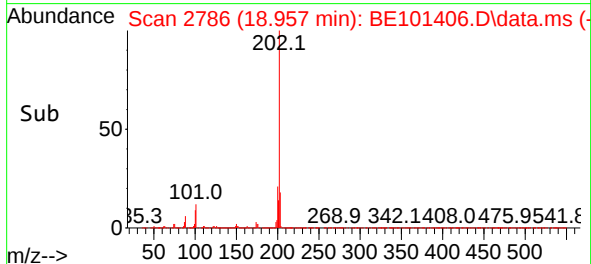
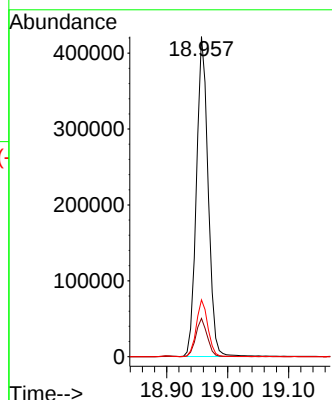
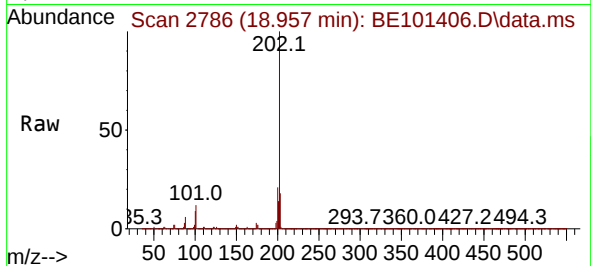
#75
Fluoranthene
Concen: 9.050 ng
RT: 18.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:202 Resp: 56271
Ion Ratio Lower Upper
202 100
101 11.9 0.0 33.3
203 17.8 0.0 39.3

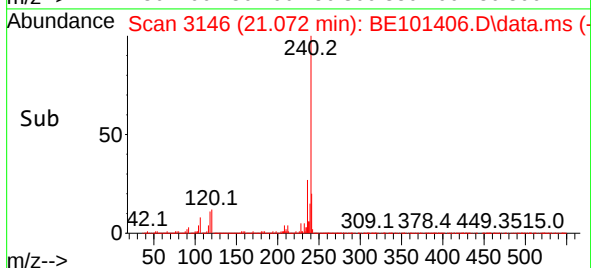
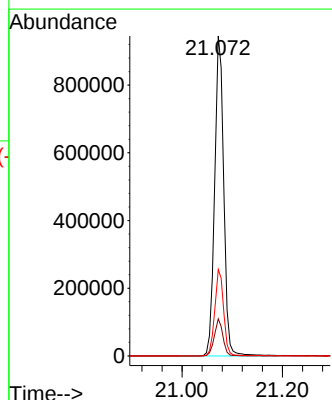
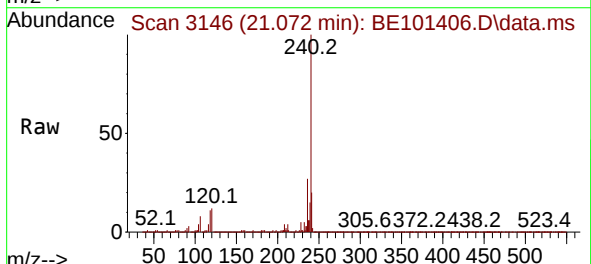
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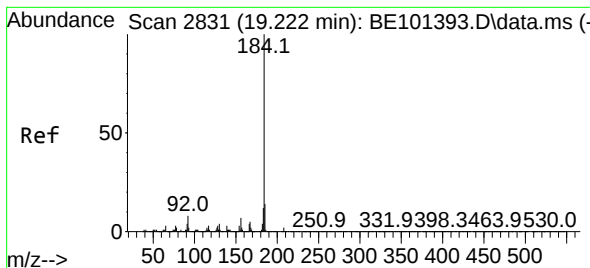
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:240 Resp: 1187153
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.4
236 27.0 21.4 32.0





#77

Benzidine

Concen: 12.751 ng

RT: 19.215 min Scan# 2831

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

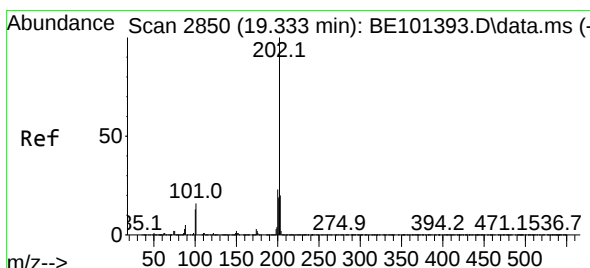
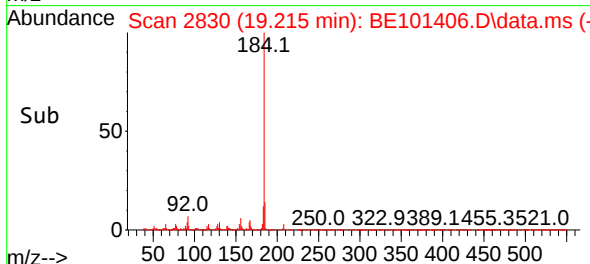
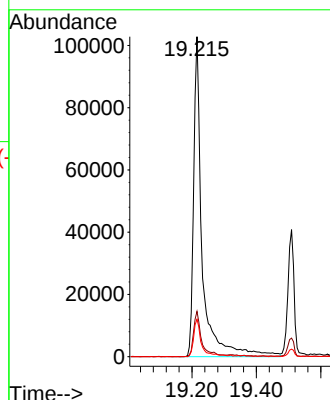
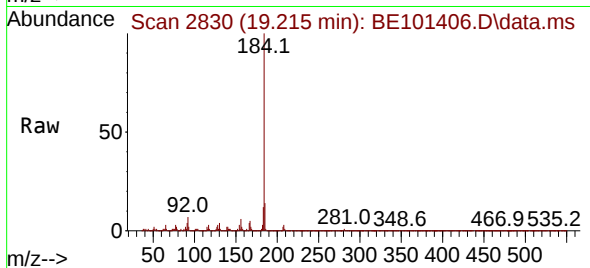
LOQ-WATER-02-QT4-2024

Tgt Ion:184 Resp: 192110
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.5 17.3
 183 11.7 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#78

Pyrene

Concen: 9.386 ng

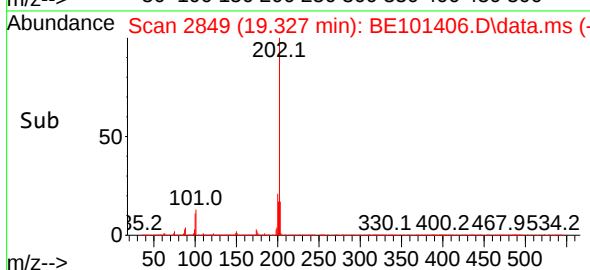
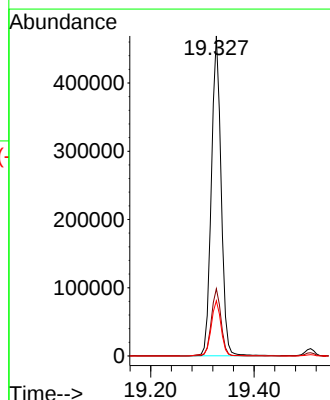
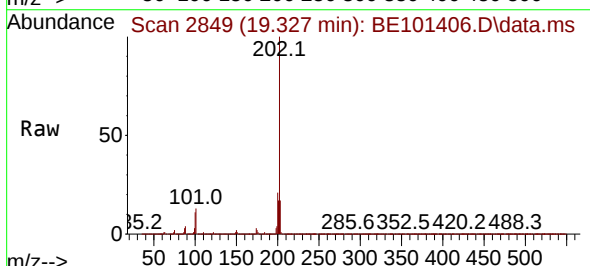
RT: 19.327 min Scan# 2849

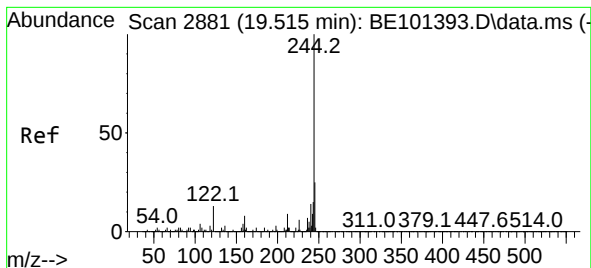
Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:202 Resp: 612759
 Ion Ratio Lower Upper
 202 100
 200 21.0 18.6 28.0
 203 17.2 15.6 23.4





#79

Terphenyl-d14

Concen: 70.015 ng

RT: 19.509 min Scan# 2881

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:244 Resp: 3611390

Ion Ratio Lower Upper

244 100

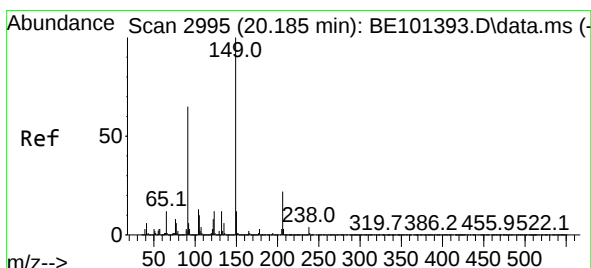
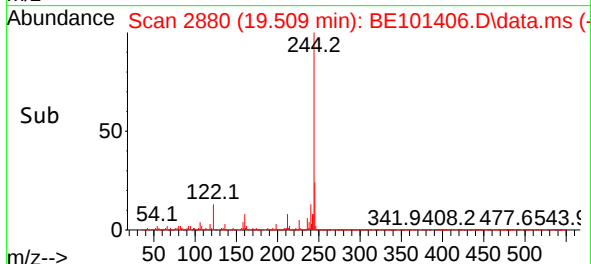
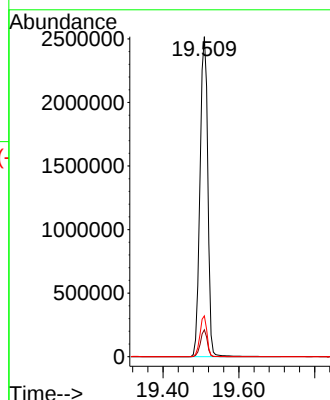
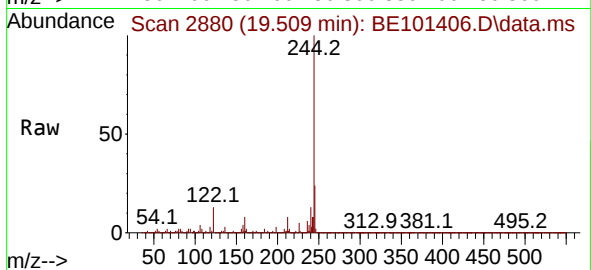
212 8.4 7.2 10.8

122 12.7 10.4 15.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#80

Butylbenzylphthalate

Concen: 8.788 ng

RT: 20.179 min Scan# 2994

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

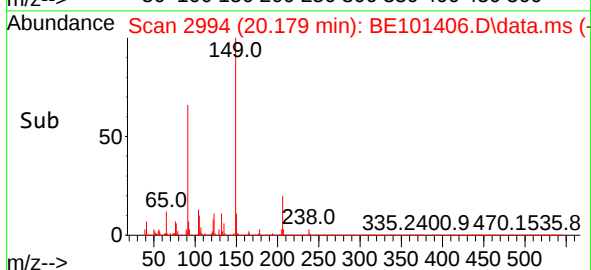
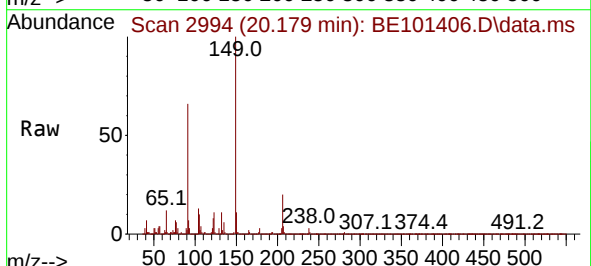
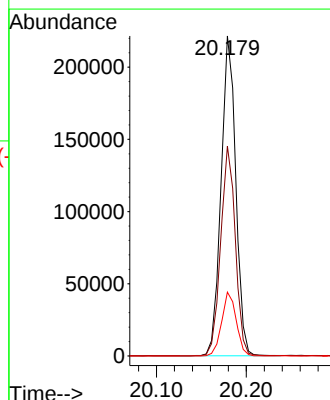
Tgt Ion:149 Resp: 251505

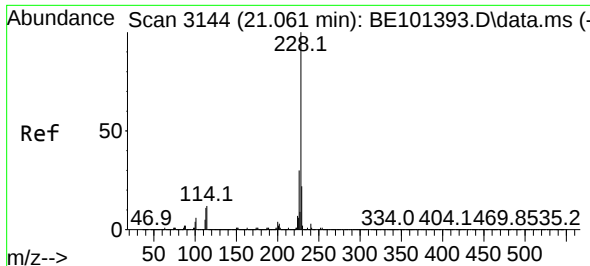
Ion Ratio Lower Upper

149 100

91 65.6 51.8 77.8

206 19.9 17.4 26.2





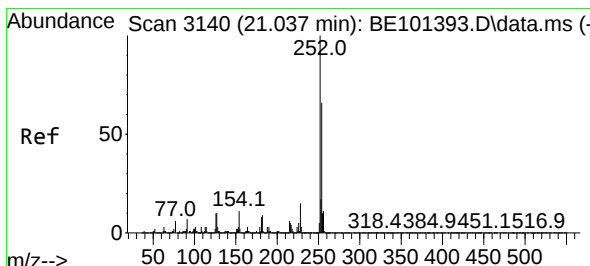
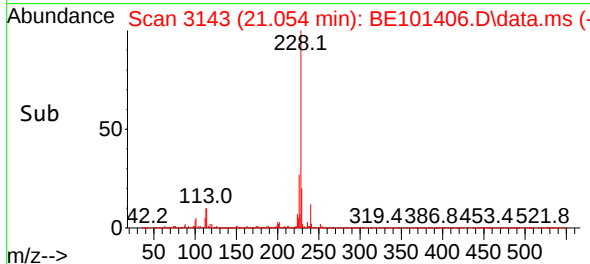
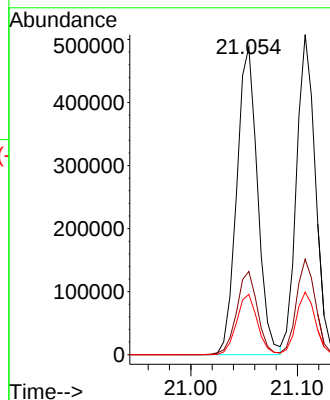
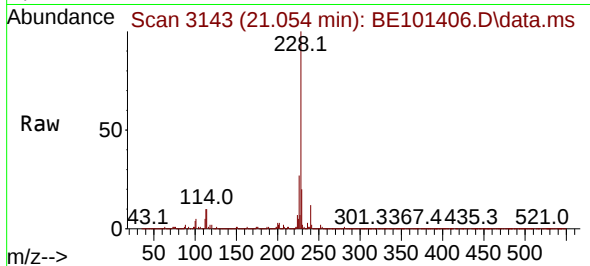
#81
Benzo(a)anthracene
Concen: 9.913 ng
RT: 21.054 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024

Tgt Ion:228 Resp: 661478
Ion Ratio Lower Upper
228 100
226 27.1 24.1 36.1
229 19.6 17.3 25.9

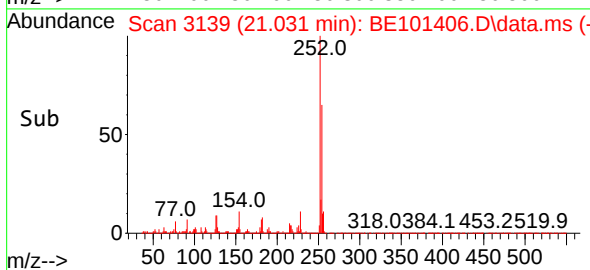
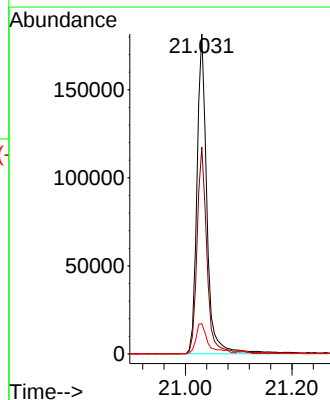
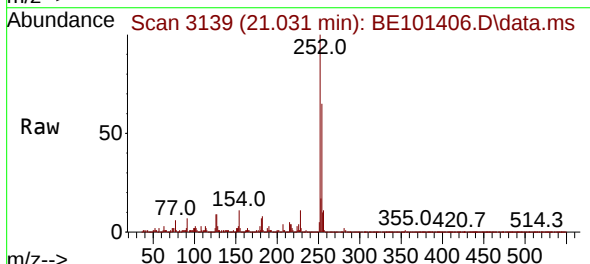
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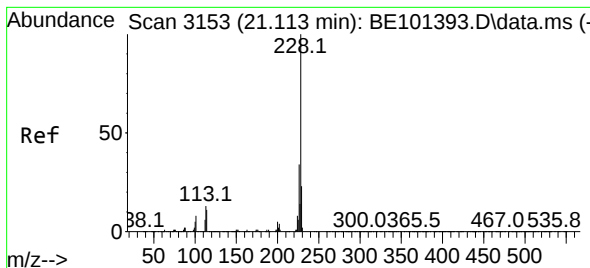
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 8.959 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BE101406.D
Acq: 29 Oct 2024 14:33

Tgt Ion:252 Resp: 234164
Ion Ratio Lower Upper
252 100
254 64.6 52.6 78.8
126 9.5 7.7 11.5





#83

Chrysene

Concen: 9.848 ng

RT: 21.107 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

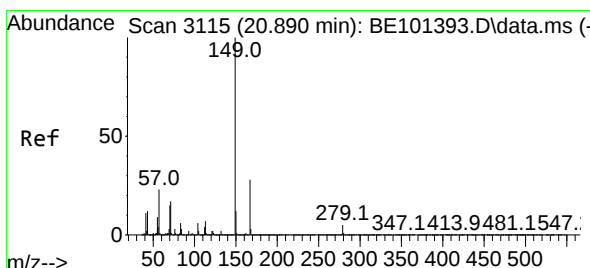
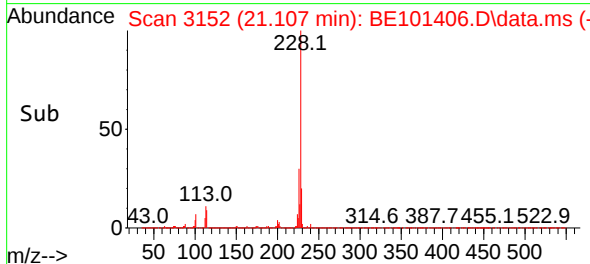
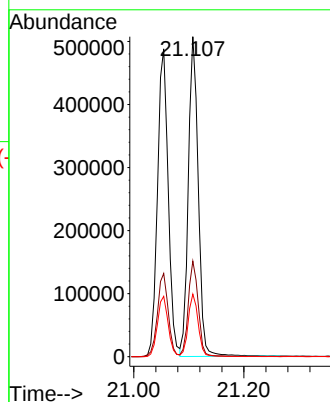
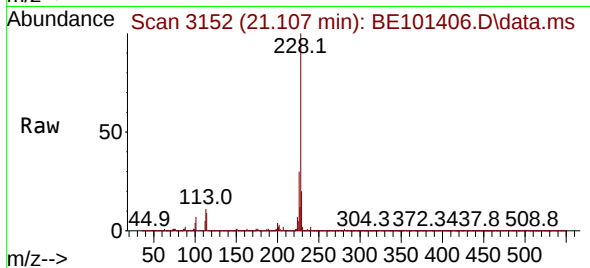
LOQ-WATER-02-QT4-2024

Tgt Ion:	228	Resp:	635310
Ion Ratio	Lower	Upper	
228	100		
226	29.8	27.2	40.8
229	19.6	18.0	27.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.699 ng

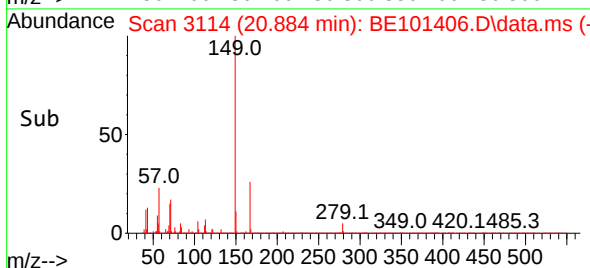
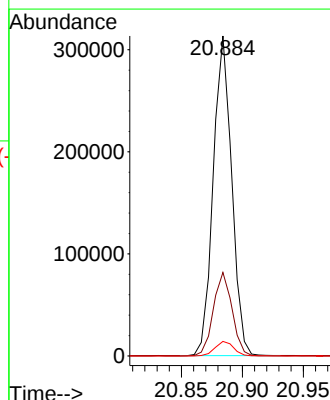
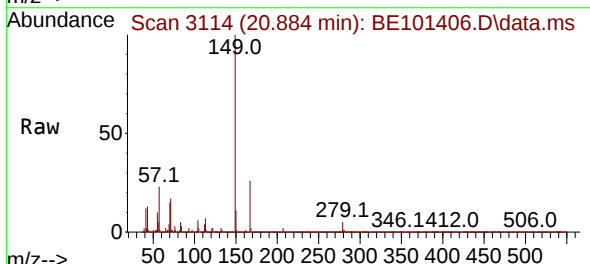
RT: 20.884 min Scan# 3114

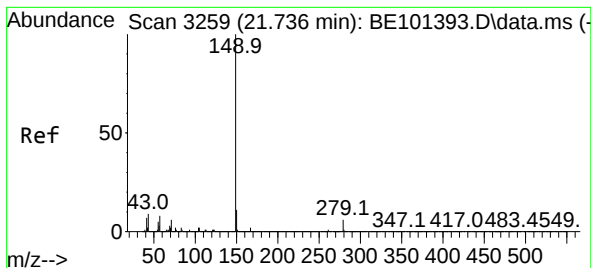
Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:	149	Resp:	330739
Ion Ratio	Lower	Upper	
149	100		
167	26.1	22.7	34.1
279	4.6	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 9.237 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101406.D

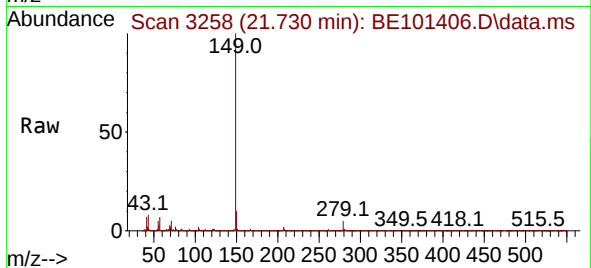
Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 576384

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

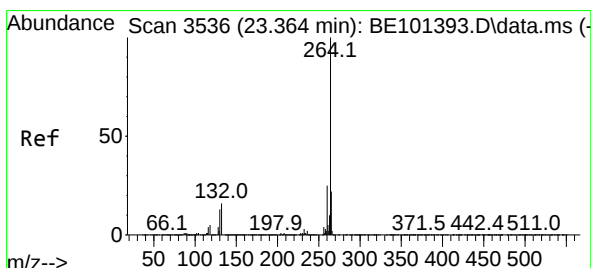
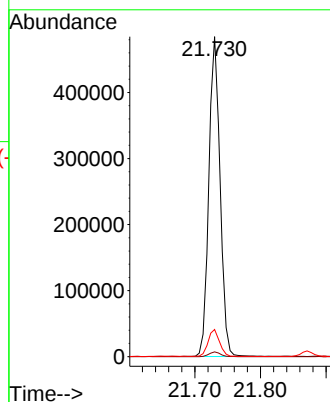
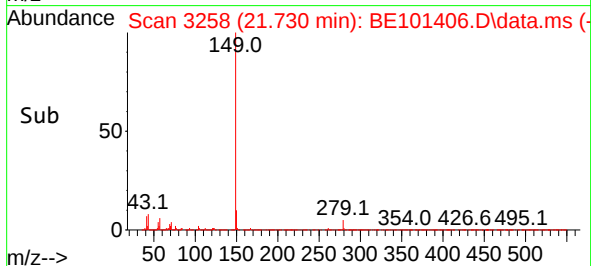
43 8.7 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.358 min Scan# 3535

Delta R.T. -0.006 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

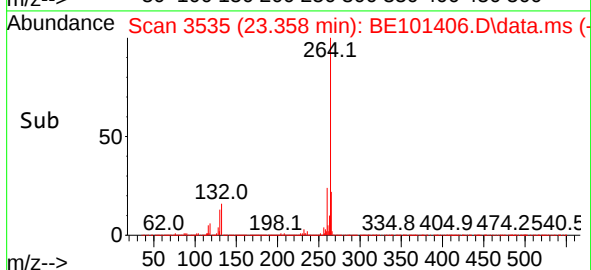
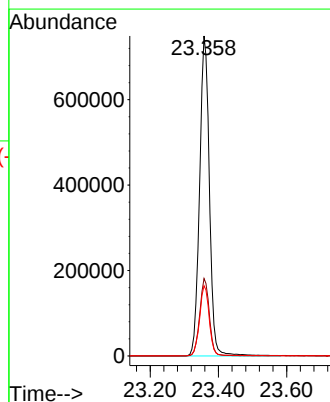
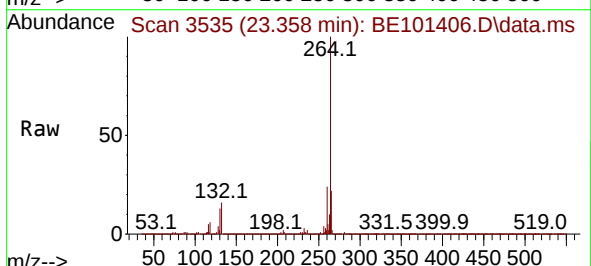
Tgt Ion:264 Resp: 1494432

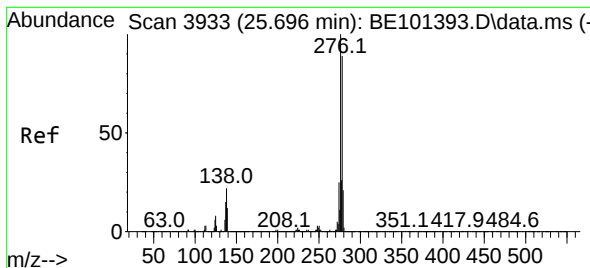
Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 21.9 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.116 ng

RT: 25.667 min Scan# 3933

Delta R.T. -0.030 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

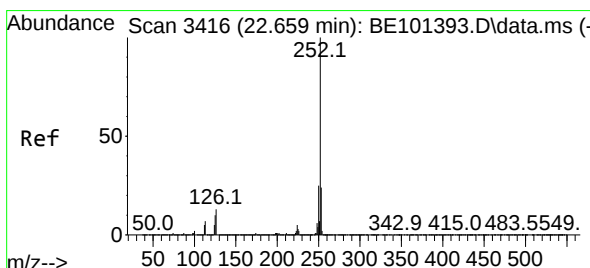
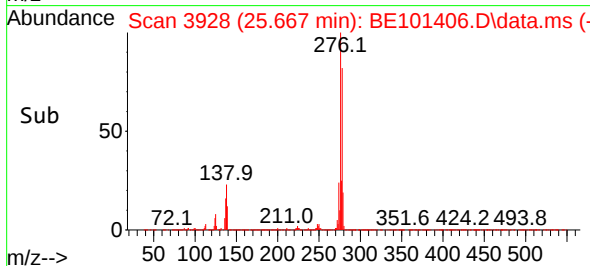
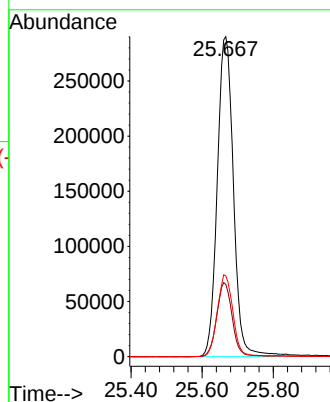
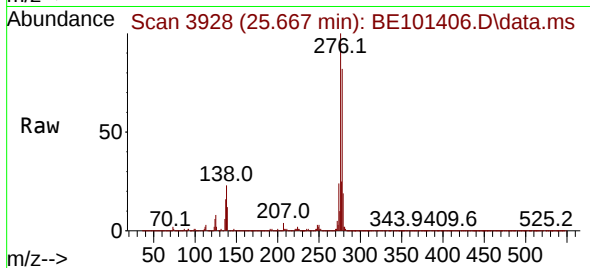
LOQ-WATER-02-QT4-2024

Tgt Ion:	276	Resp:	91169
Ion Ratio	Lower	Upper	
276	100		
138	22.2	17.8	26.8
277	24.8	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#88

Benzo(b)fluoranthene

Concen: 9.127 ng

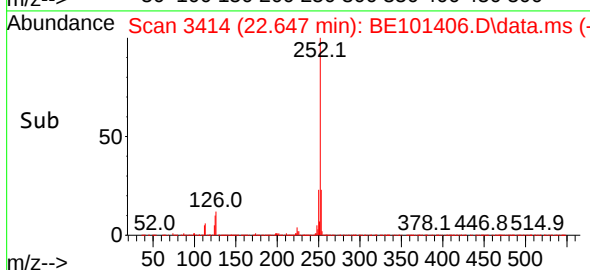
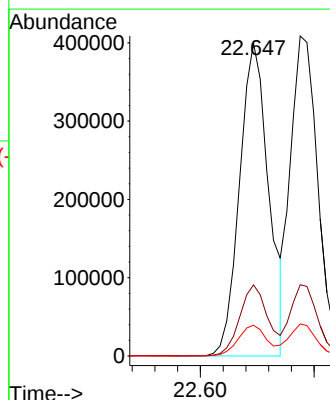
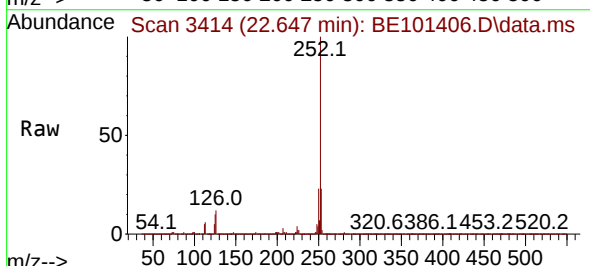
RT: 22.647 min Scan# 3414

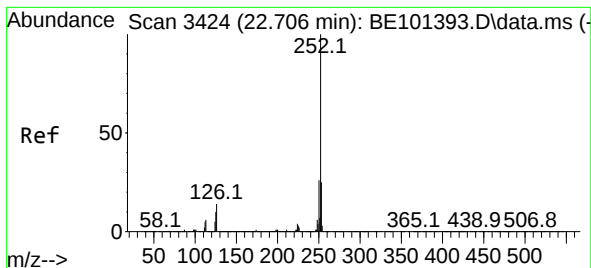
Delta R.T. -0.012 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:	252	Resp:	710793
Ion Ratio	Lower	Upper	
252	100		
253	22.7	19.0	28.6
125	9.8	8.2	12.2





#89

Benzo(k)fluoranthene

Concen: 9.498 ng

RT: 22.688 min Scan# 3424

Delta R.T. -0.018 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

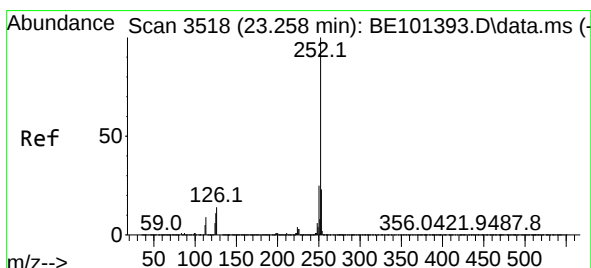
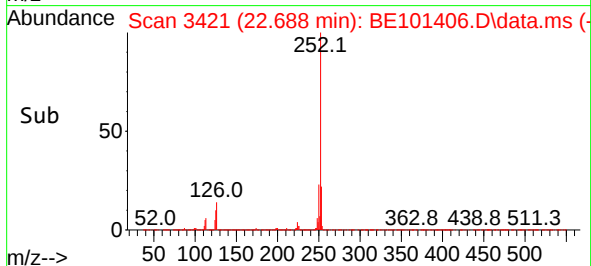
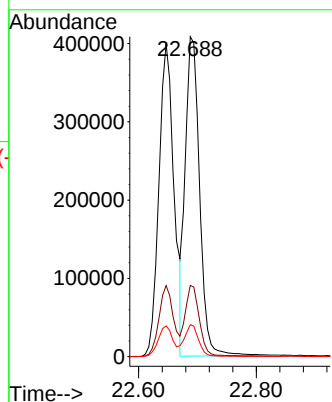
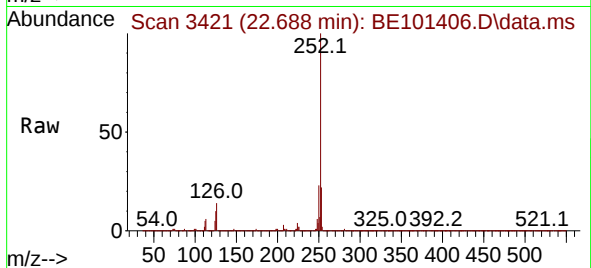
LOQ-WATER-02-QT4-2024

Tgt Ion:252 Resp: 691089
 Ion Ratio Lower Upper
 252 100
 253 22.3 19.4 29.2
 125 10.0 8.2 12.2

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#90

Benzo(a)pyrene

Concen: 9.411 ng

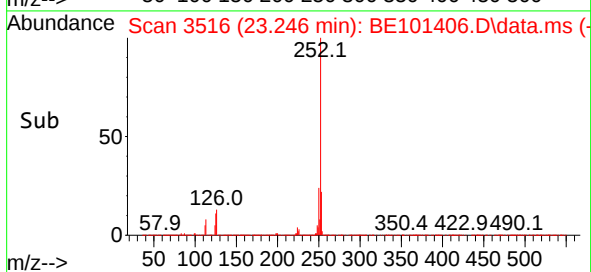
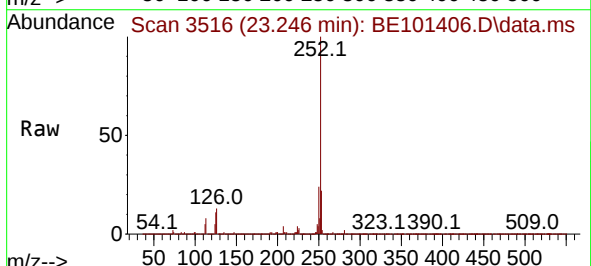
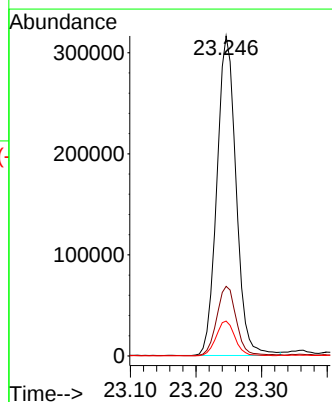
RT: 23.246 min Scan# 3516

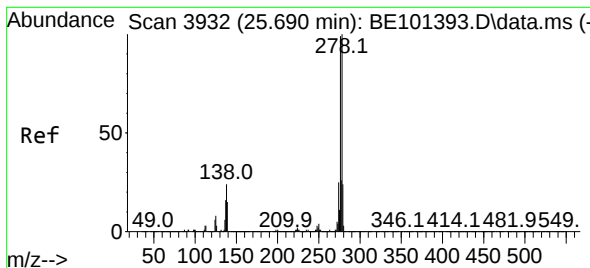
Delta R.T. -0.012 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:252 Resp: 641003
 Ion Ratio Lower Upper
 252 100
 253 21.8 18.4 27.6
 125 10.9 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 9.129 ng

RT: 25.661 min Scan# 3932

Delta R.T. -0.030 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Instrument :

BNA_E

ClientSampleId :

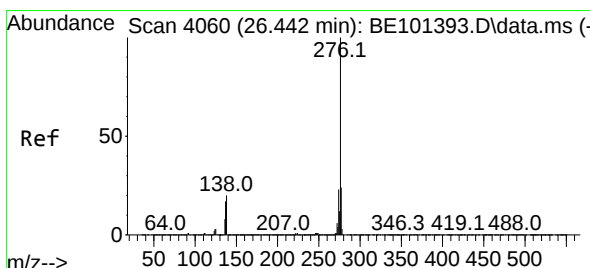
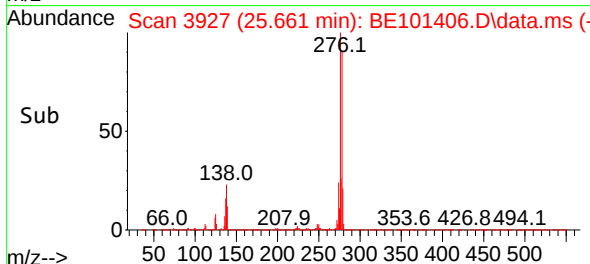
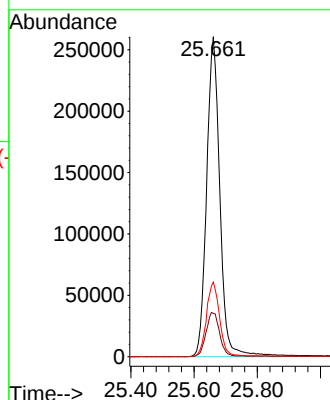
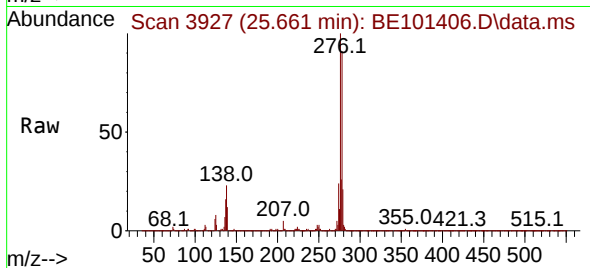
LOQ-WATER-02-QT4-2024

Tgt Ion:	278	Resp:	75440
Ion Ratio	Lower	Upper	
278	100		
139	13.5	11.9	17.9
279	23.3	19.3	28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 8.160 ng

RT: 26.413 min Scan# 4055

Delta R.T. -0.030 min

Lab File: BE101406.D

Acq: 29 Oct 2024 14:33

Tgt Ion:	276	Resp:	694814
Ion Ratio	Lower	Upper	
276	100		
277	23.4	19.4	29.2
138	18.4	15.8	23.6

