

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101362.D
 Acq On : 18 Sep 2024 14:11
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Quant Time: Sep 18 14:57:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 17 16:03:42 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.578	152	325910	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	1626859	20.000	ng	0.00
39) Acenaphthene-d10	14.187	164	1159475	20.000	ng	0.00
64) Phenanthrene-d10	16.920	188	2643149	20.000	ng	0.00
76) Chrysene-d12	21.085	240	2981757	20.000	ng	0.00
86) Perylene-d12	23.377	264	3639622	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.321	112	1834640	98.425	ng	0.00
7) Phenol-d6	6.955	99	2627634	99.440	ng	0.00
23) Nitrobenzene-d5	8.788	82	1841958	71.781	ng	0.00
42) 2,4,6-Tribromophenol	15.697	330	2068900	106.087	ng	0.00
45) 2-Fluorobiphenyl	12.813	172	4302535	64.124	ng	0.00
79) Terphenyl-d14	19.522	244	6244319	46.435	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	56255	7.926	ng	97
3) Pyridine	3.711	79	140484	6.871	ng	99
4) n-Nitrosodimethylamine	3.588	42	62350	8.488	ng	# 98
6) Aniline	7.019	93	266414	12.017	ng	100
8) 2-Chlorophenol	7.219	128	192525	8.595	ng	99
9) Benzaldehyde	6.784	77	145164	11.953	ng	97
10) Phenol	6.978	94	250501	8.625	ng	96
11) bis(2-Chloroethyl)ether	7.049	93	177796m	7.233	ng	
12) 1,3-Dichlorobenzene	7.460	146	197657	8.211	ng	99
13) 1,4-Dichlorobenzene	7.607	146	201569	8.218	ng	98
14) 1,2-Dichlorobenzene	7.936	146	199087	8.192	ng	98
15) Benzyl Alcohol	7.918	79	148979	9.468	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.071	45	279345	9.017	ng	98
17) 2-Methylphenol	8.159	107	145938	7.583	ng	97
18) Hexachloroethane	8.629	117	65224	8.131	ng	98
19) n-Nitroso-di-n-propyla...	8.377	70	161040	8.635	ng	98
20) 3+4-Methylphenols	8.494	107	203853	7.528	ng	98
22) Acetophenone	8.429	105	330603	8.763	ng	# 99
24) Nitrobenzene	8.829	77	232859	8.500	ng	100
25) Isophorone	9.276	82	458401	8.726	ng	99
26) 2-Nitrophenol	9.516	139	110848	8.573	ng	98
27) 2,4-Dimethylphenol	9.634	122	61576	3.710	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	270929	8.526	ng	98
29) 2,4-Dichlorophenol	10.063	162	187105	8.231	ng	98
30) 1,2,4-Trichlorobenzene	10.186	180	203010	8.264	ng	98
31) Naphthalene	10.392	128	689170	8.396	ng	100
32) Benzoic acid	9.863	122	156831	14.851	ng	96
33) 4-Chloroaniline	10.615	127	273288	8.702	ng	99
34) Hexachlorobutadiene	10.639	225	114098	7.994	ng	97
35) Caprolactam	11.414	113	78719	8.572	ng	96
36) 4-Chloro-3-methylphenol	11.790	107	211924	7.890	ng	99
37) 2-Methylnaphthalene	11.978	142	497176	8.282	ng	100
38) 1-Methylnaphthalene	12.207	142	473760	7.866	ng	98
40) 1,2,4,5-Tetrachloroben...	12.337	216	242990	8.700	ng	100
41) Hexachlorocyclopentadiene	12.319	237	38152	4.157	ng	100
43) 2,4,6-Trichlorophenol	12.654	196	165561	8.370	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.754	196	183103	8.204	ng	98
46) 1,1'-Biphenyl	13.012	154	694639	8.841	ng	98
47) 2-Chloronaphthalene	13.059	162	520977	8.429	ng	99
48) 2-Nitroaniline	13.388	65	144743	8.704	ng	98
49) Acenaphthylene	13.917	152	853970	9.260	ng	99
50) Dimethylphthalate	13.688	163	724260	8.657	ng	98
51) 2,6-Dinitrotoluene	13.823	165	151312	8.081	ng	99
52) Acenaphthene	14.246	154	510321	8.394	ng	98
53) 3-Nitroaniline	14.234	138	165394	8.587	ng	99
54) 2,4-Dinitrophenol	14.370	184	109187	9.796	ng	98
55) Dibenzofuran	14.587	168	844932	8.799	ng	98
56) 4-Nitrophenol	14.652	139	239832	14.978	ng	99
57) 2,4-Dinitrotoluene	14.605	165	207898	8.156	ng	91
58) Fluorene	15.227	166	693498	8.571	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	182012	8.624	ng	100
60) Diethylphthalate	15.016	149	767942	8.847	ng	98
61) 4-Chlorophenyl-phenyle...	15.216	204	335013	8.441	ng	98
62) 4-Nitroaniline	15.421	138	178844	8.910	ng	99
63) Azobenzene	15.509	77	664509	8.958	ng	96
65) 4,6-Dinitro-2-methylph...	15.351	198	116103	7.736	ng	97
66) n-Nitrosodiphenylamine	15.462	169	611518	8.680	ng	98
67) 4-Bromophenyl-phenylether	16.103	248	232496	8.467	ng	99
68) Hexachlorobenzene	16.209	284	293913	8.282	ng	98
69) Atrazine	16.397	200	251793	10.823	ng	99
70) Pentachlorophenol	16.614	266	300840	14.189	ng	99
71) Phenanthrene	16.961	178	1171567	9.333	ng	97
72) Anthracene	17.049	178	1084718	8.880	ng	97
73) Carbazole	17.378	167	1148159	9.172	ng	98
74) Di-n-butylphthalate	17.830	149	1444175	10.507	ng	95
75) Fluoranthene	18.964	202	1465431	9.697	ng	95
77) Benzidine	19.223	184	312515	6.315	ng	99
78) Pyrene	19.334	202	1564997	9.437	ng	94
80) Butylbenzylphthalate	20.186	149	714599	9.734	ng	99
81) Benzo(a)anthracene	21.062	228	1679028	10.027	ng	93
82) 3,3'-Dichlorobenzidine	21.038	252	634942	9.677	ng	99
83) Chrysene	21.120	228	1595104	9.916	ng	93
84) Bis(2-ethylhexyl)phtha...	20.891	149	1026215	10.570	ng	95
85) Di-n-octyl phthalate	21.743	149	1719130	10.848	ng	99
87) Indeno(1,2,3-cd)pyrene	25.692	276	2327120	9.705	ng	98
88) Benzo(b)fluoranthene	22.660	252	1831590	9.717	ng	96
89) Benzo(k)fluoranthene	22.707	252	1733374	9.743	ng	94
90) Benzo(a)pyrene	23.259	252	1627823	9.785	ng	98
91) Dibenzo(a,h)anthracene	25.686	278	1951352	9.720	ng	98
92) Benzo(g,h,i)perylene	26.438	276	1814744	8.903	ng	97

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

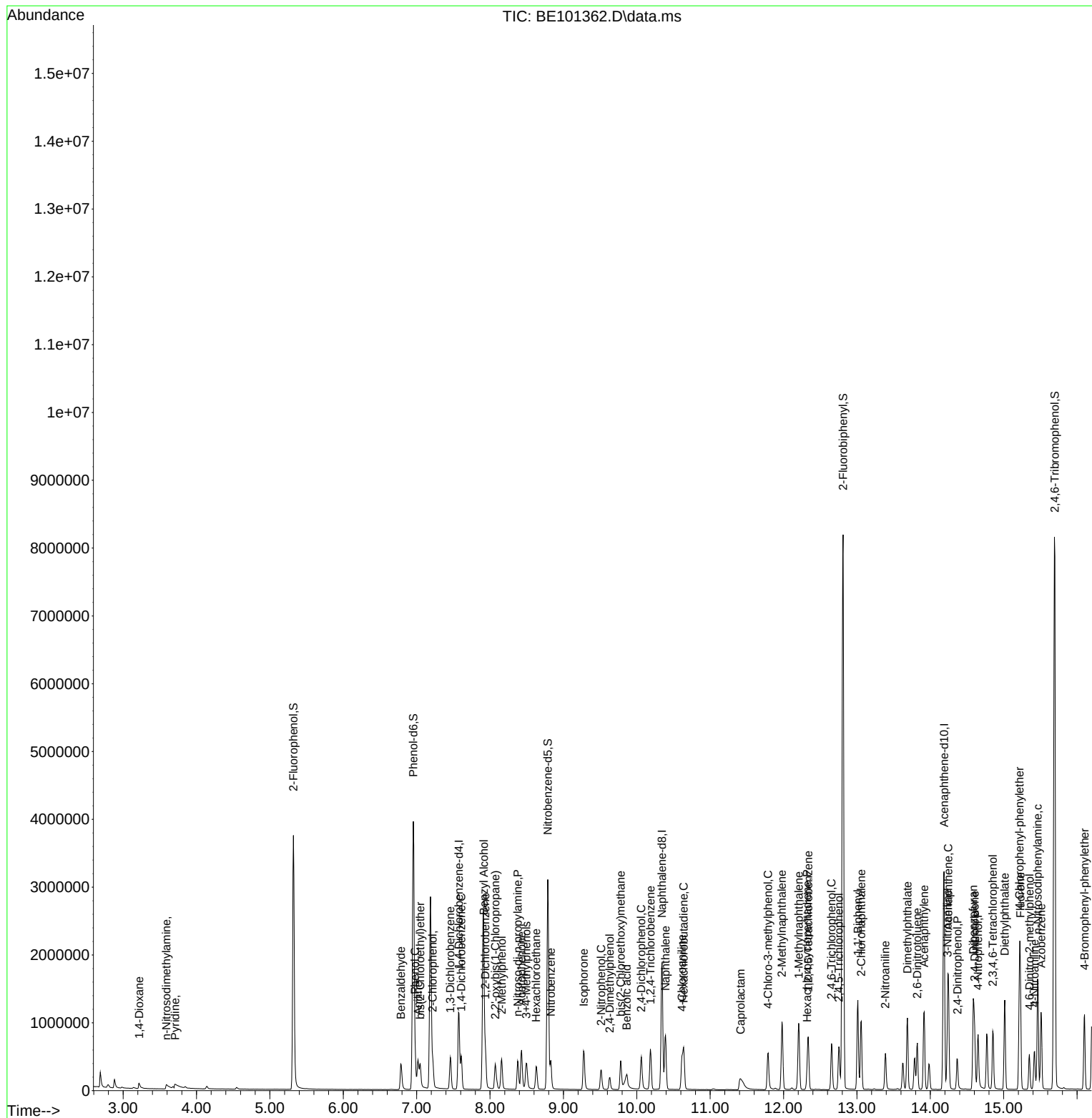
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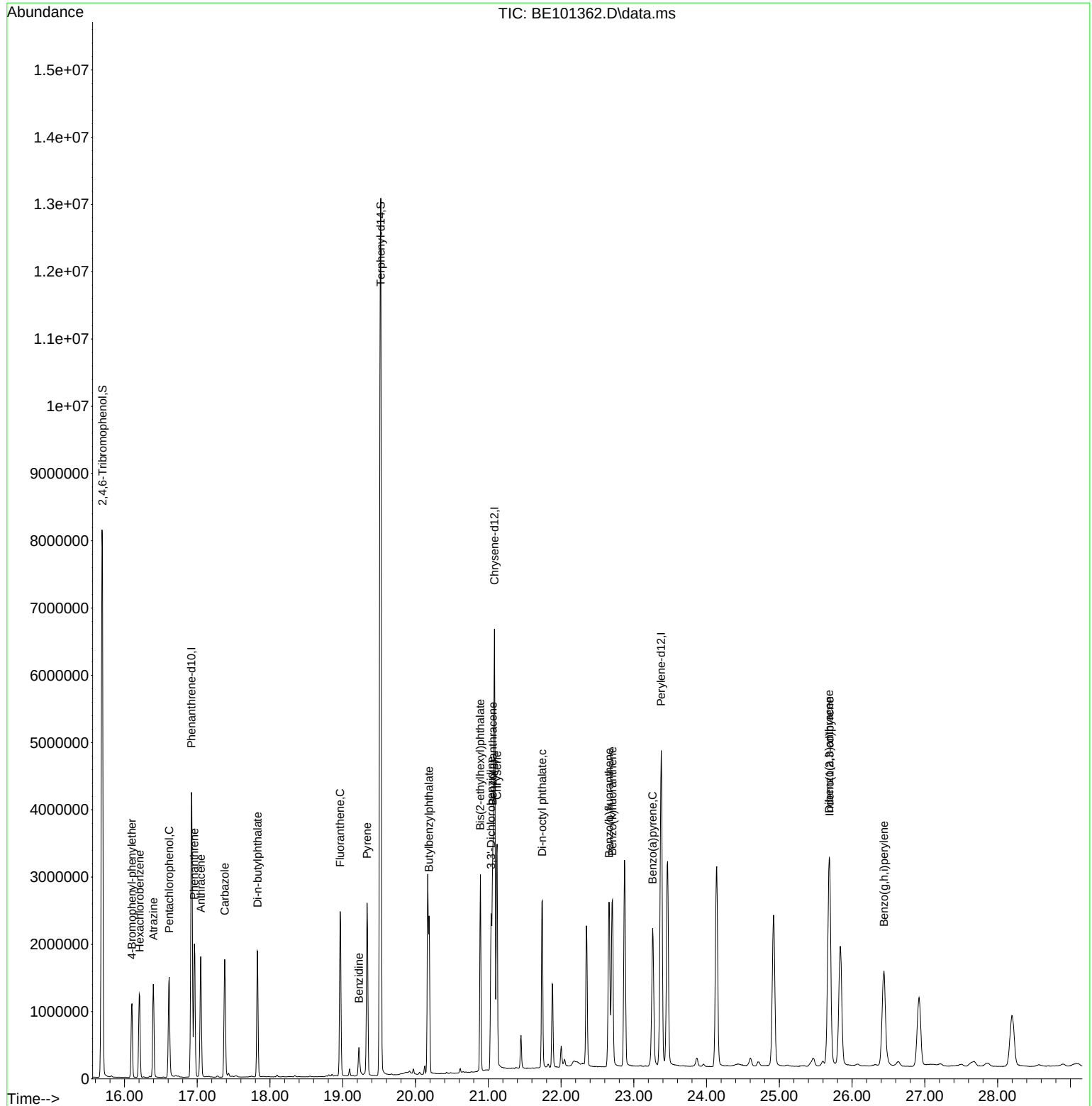
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ALS Vial : 9 Sample Multiplier: 1

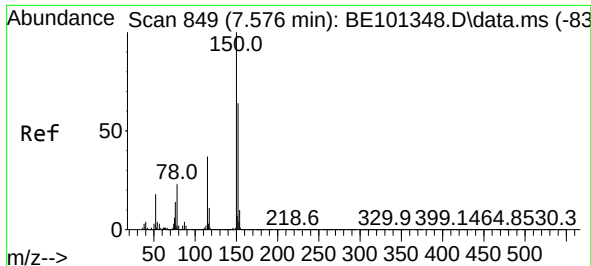
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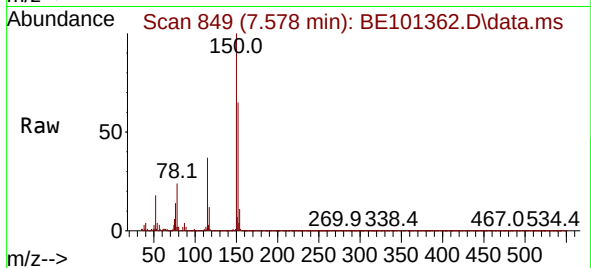
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.578 min Scan# 849
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

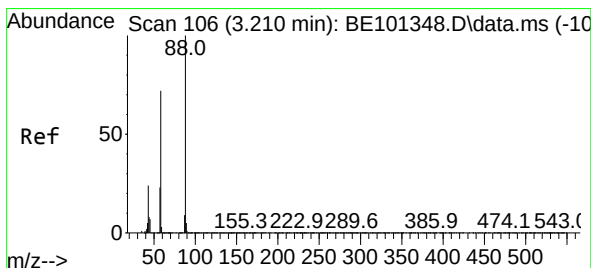
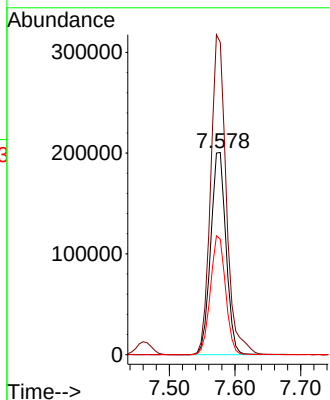
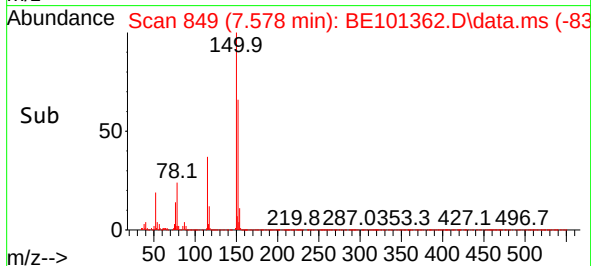
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BNA_E
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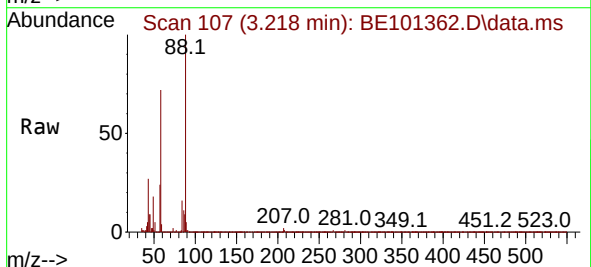
Tgt Ion:152 Resp: 325910
Ion Ratio Lower Upper
152 100
150 154.5 125.9 188.9
115 57.2 46.9 70.3

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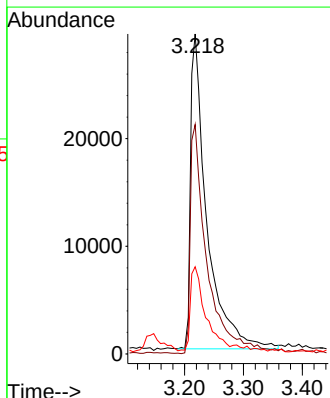
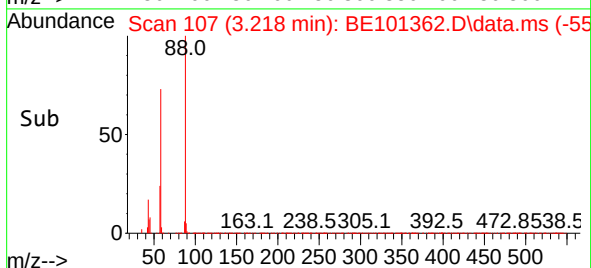
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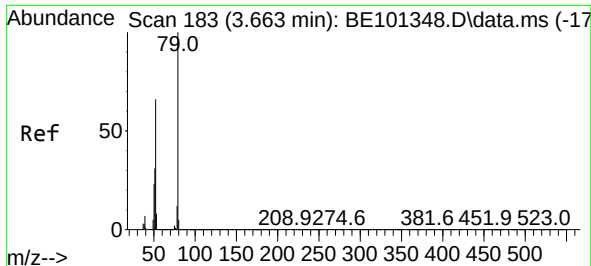


#2
1,4-Dioxane
Concen: 7.926 ng
RT: 3.218 min Scan# 107
Delta R.T. 0.007 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



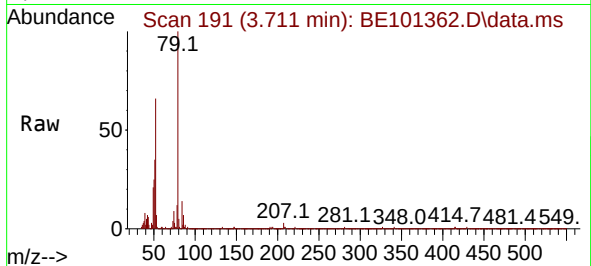
Tgt Ion: 88 Resp: 56255
Ion Ratio Lower Upper
88 100
58 74.2 58.8 88.2
43 28.1 19.4 29.2





#3
Pyridine
Concen: 6.871 ng
RT: 3.711 min Scan# 14
Delta R.T. 0.049 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

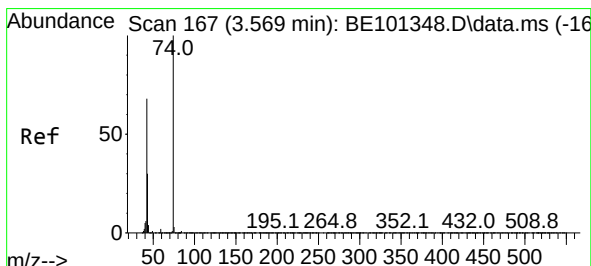
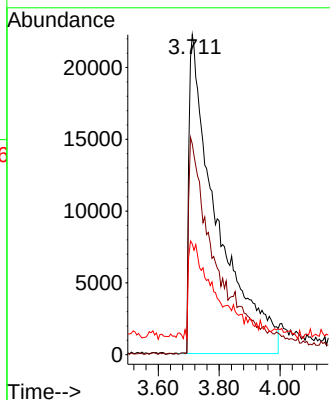
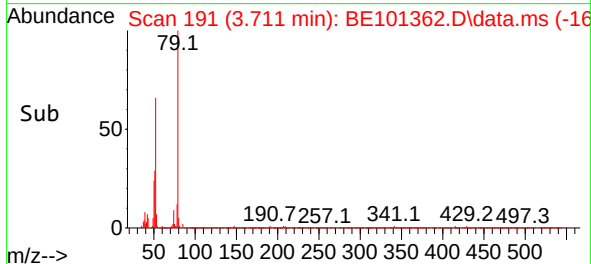
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 140484
Ion Ratio Lower Upper
79 100
52 65.9 52.6 78.8
51 34.6 26.2 39.2

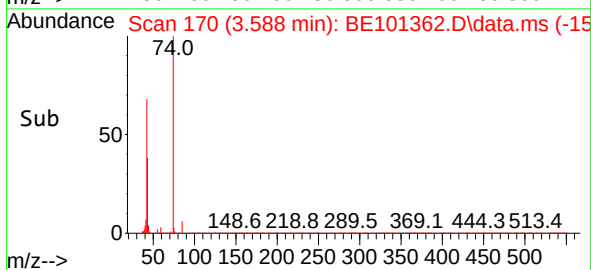
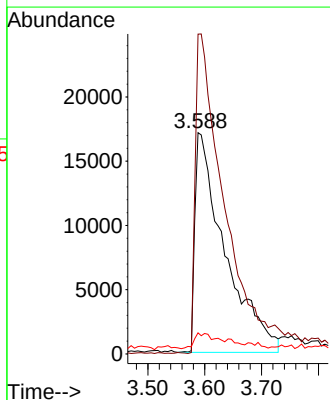
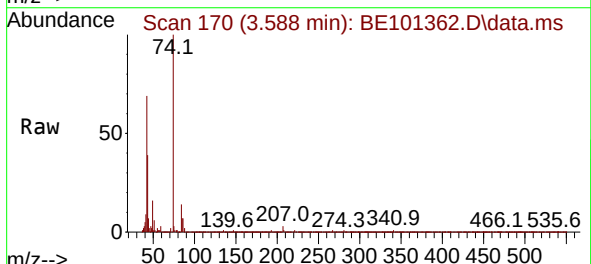
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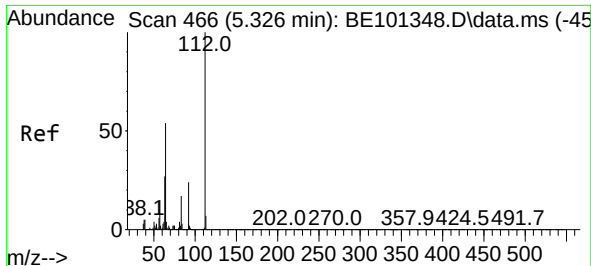
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#4
n-Nitrosodimethylamine
Concen: 8.488 ng
RT: 3.588 min Scan# 170
Delta R.T. 0.019 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion: 42 Resp: 62350
Ion Ratio Lower Upper
42 100
74 144.6 117.0 175.4
44 9.6 5.9 8.9





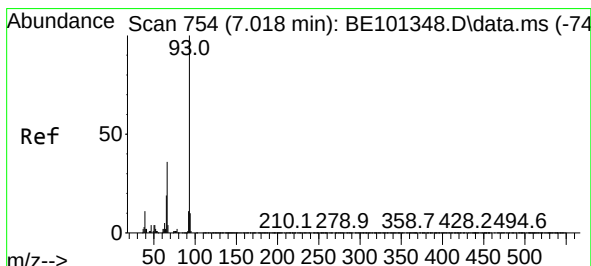
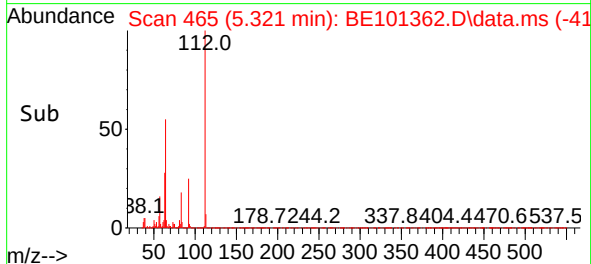
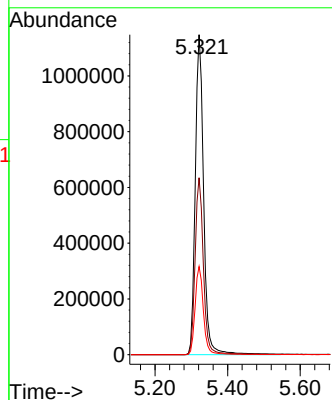
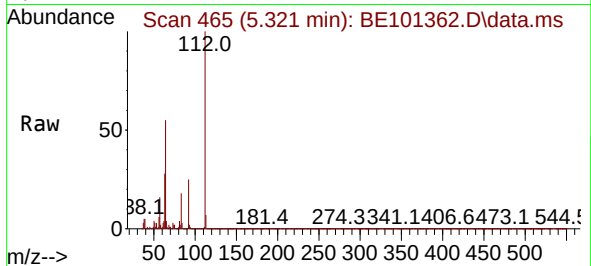
#5
2-Fluorophenol
Concen: 98.425 ng
RT: 5.321 min Scan# 466
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

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ClientSampleId :
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Tgt Ion:112 Resp: 1834640
Ion Ratio Lower Upper
112 100
64 55.3 42.8 64.2
63 27.6 21.3 31.9

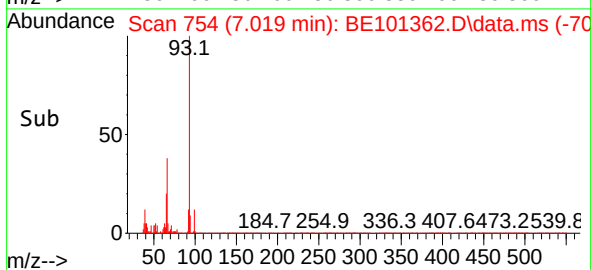
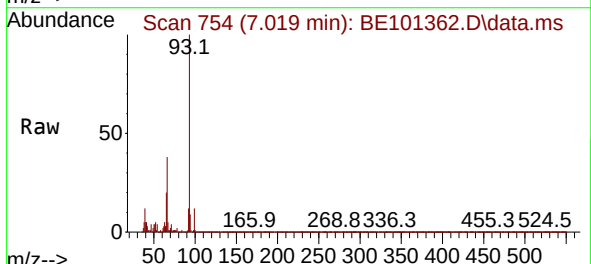
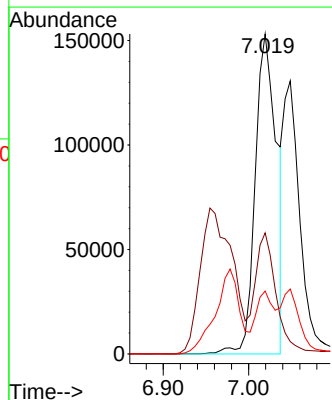
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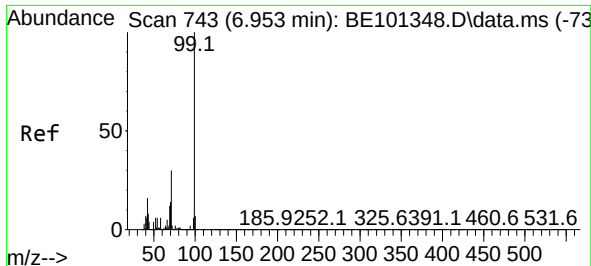
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#6
Aniline
Concen: 12.017 ng
RT: 7.019 min Scan# 754
Delta R.T. 0.002 min
Lab File: BE101362.D
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Tgt Ion: 93 Resp: 266414
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.7 15.8 23.8





#7

Phenol-d6

Concen: 99.440 ng

RT: 6.955 min Scan# 743

Delta R.T. 0.002 min

Lab File: BE101362.D

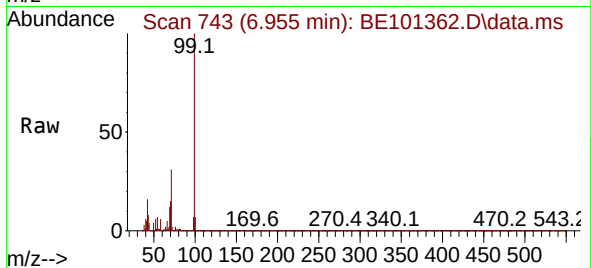
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Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024



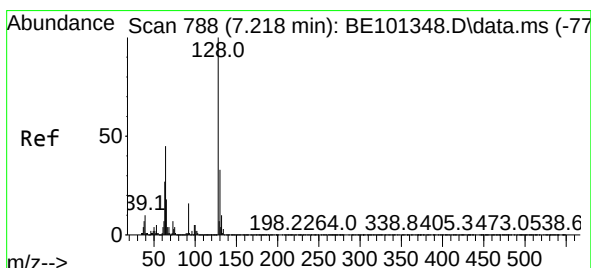
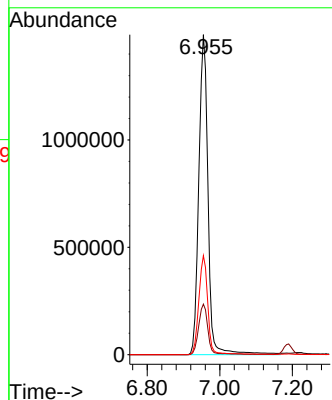
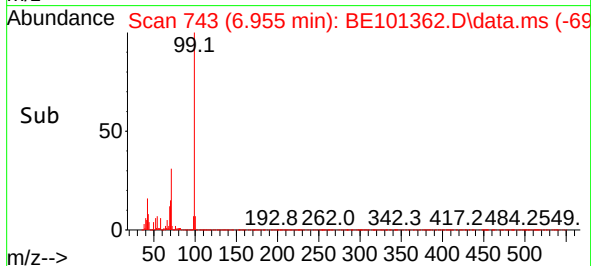
Tgt Ion: 99 Resp: 2627634

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	30.9	23.8	35.6

Manual Integrations

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Supervised By :mohammad ahmed 09/20/2024



#8

2-Chlorophenol

Concen: 8.595 ng

RT: 7.219 min Scan# 788

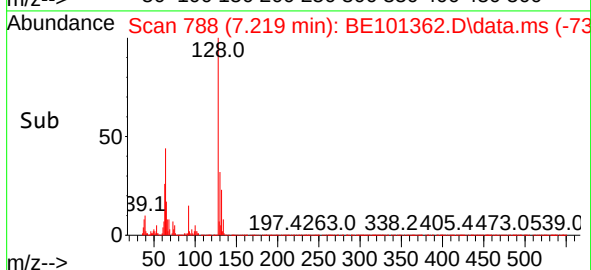
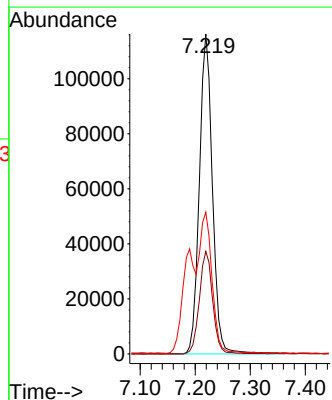
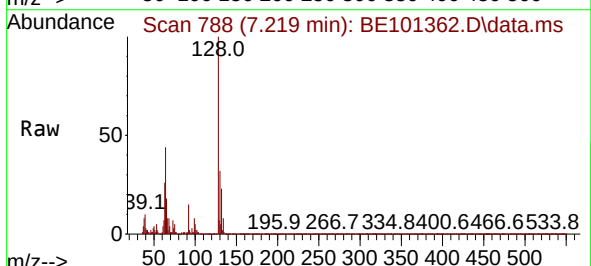
Delta R.T. 0.002 min

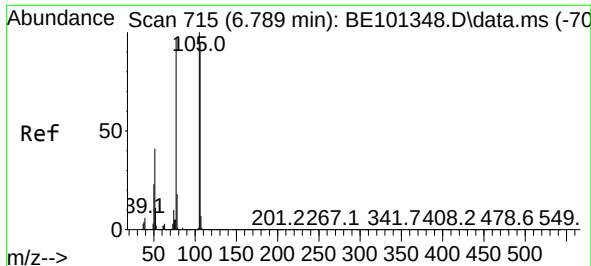
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Tgt Ion:128 Resp: 192525

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.8	52.8
64	44.3	24.9	64.9





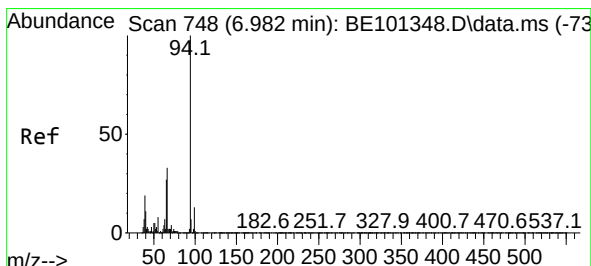
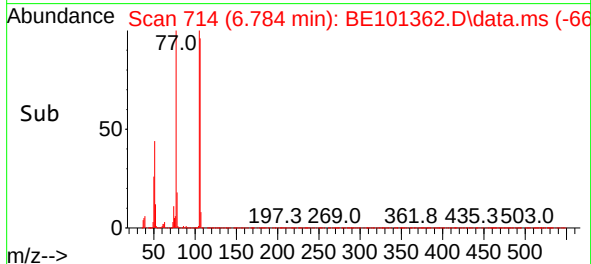
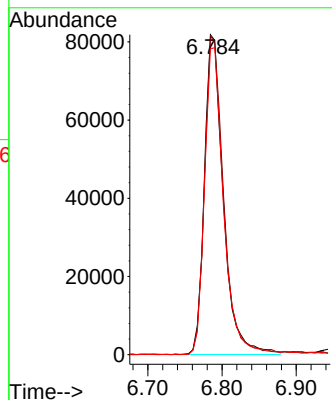
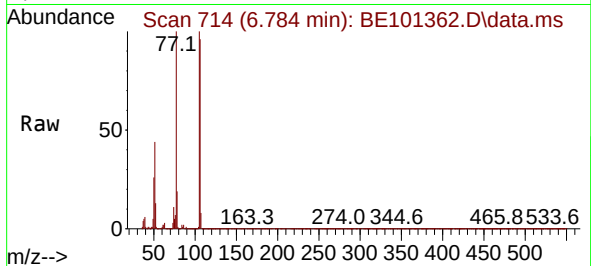
#9
Benzaldehyde
Concen: 11.953 ng
RT: 6.784 min Scan# 715
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion: 77 Resp: 145164
Ion Ratio Lower Upper
77 100
105 99.6 82.8 122.8
106 95.5 77.9 117.9

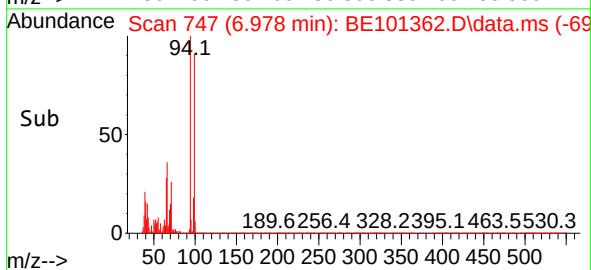
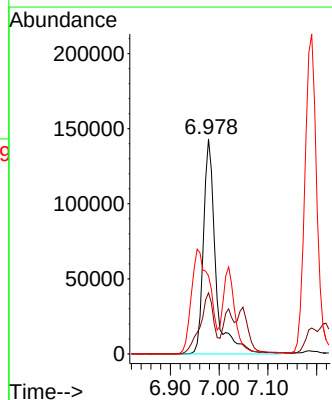
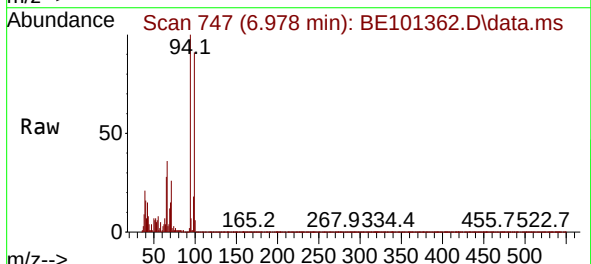
Manual Integrations
APPROVED

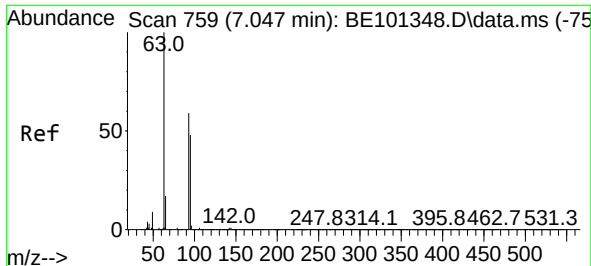
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#10
Phenol
Concen: 8.625 ng
RT: 6.978 min Scan# 747
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

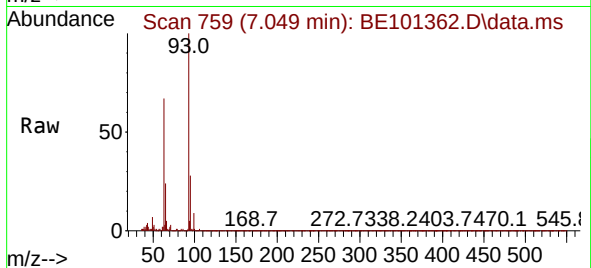
Tgt Ion: 94 Resp: 250501
Ion Ratio Lower Upper
94 100
65 28.4 7.1 47.1
66 36.3 13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 7.233 ng m
RT: 7.049 min Scan# 7
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

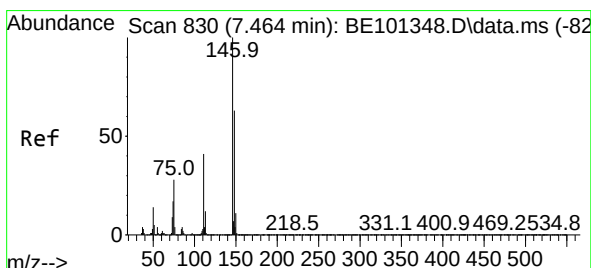
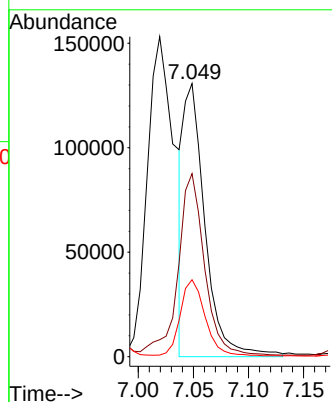
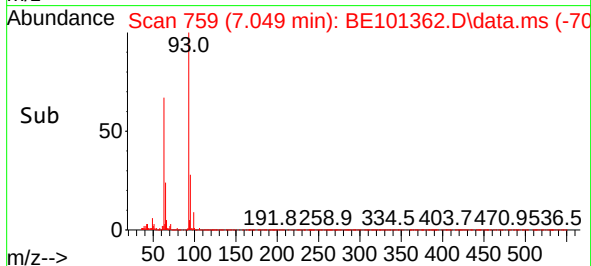
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



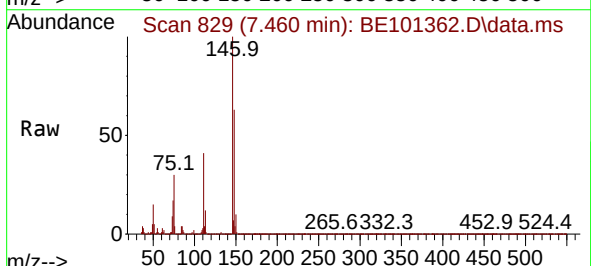
Tgt Ion: 93 Resp: 177790
Ion Ratio Lower Upper
93 100
63 67.0 43.7 83.7
95 28.2 8.7 48.7

Manual Integrations
APPROVED

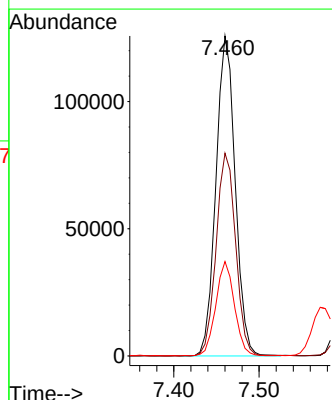
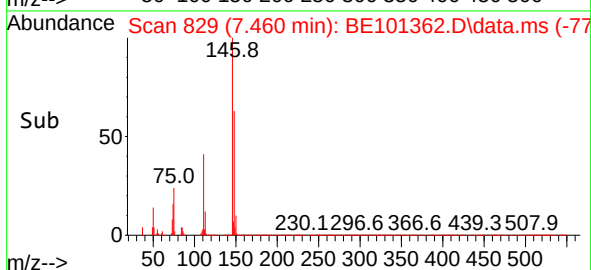
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

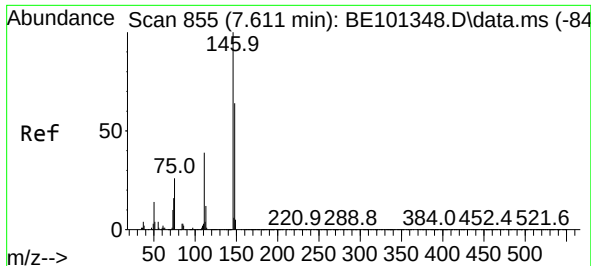


#12
1,3-Dichlorobenzene
Concen: 8.211 ng
RT: 7.460 min Scan# 829
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



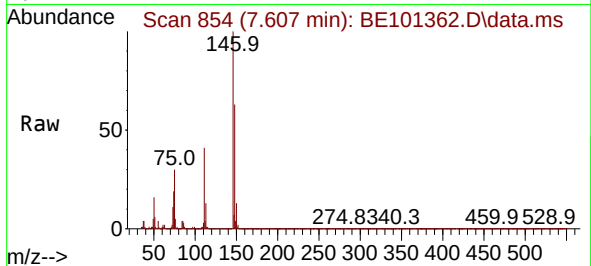
Tgt Ion:146 Resp: 197657
Ion Ratio Lower Upper
146 100
148 63.4 50.8 76.2
75 29.5 22.1 33.1





#13
1,4-Dichlorobenzene
Concen: 8.218 ng
RT: 7.607 min Scan# 811
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

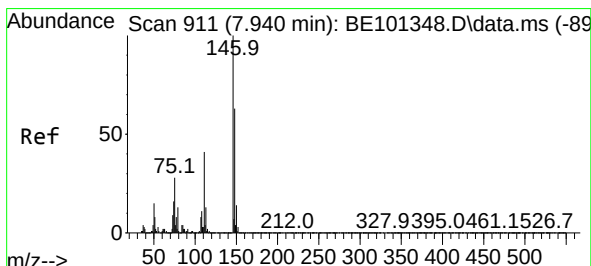
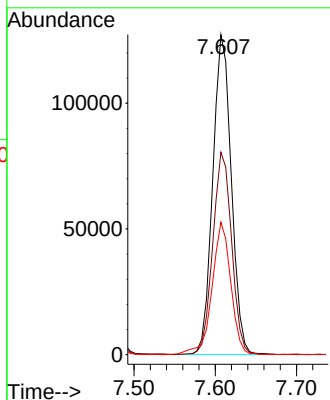
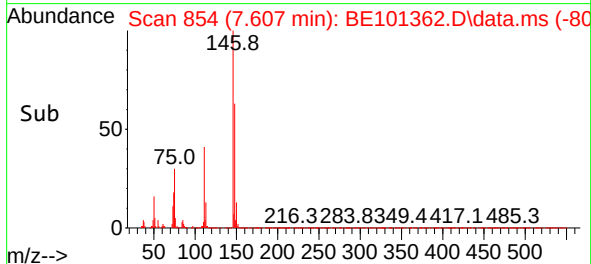
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



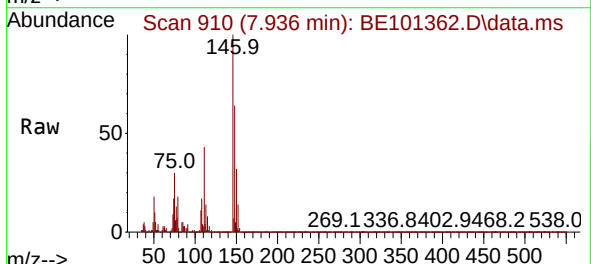
Tgt Ion:146 Resp: 201569
Ion Ratio Lower Upper
146 100
148 63.3 51.1 76.7
111 41.4 31.1 46.7

Manual Integrations
APPROVED

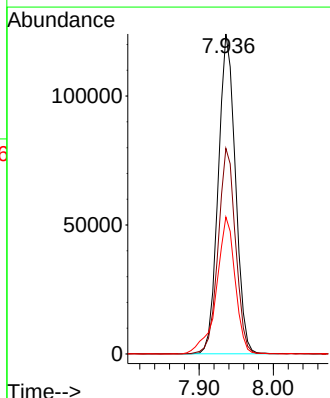
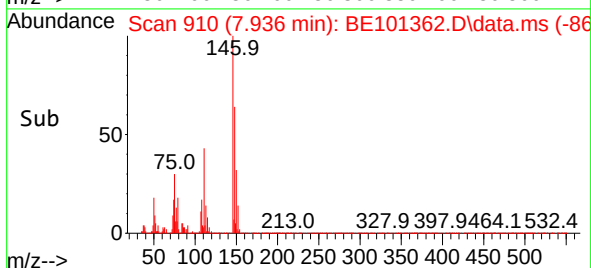
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

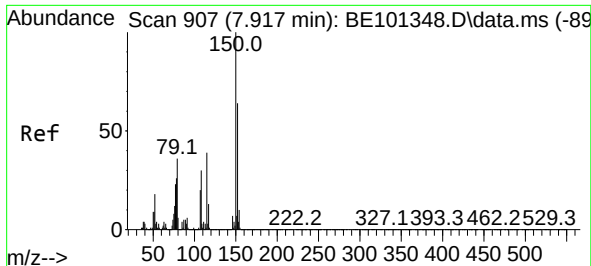


#14
1,2-Dichlorobenzene
Concen: 8.192 ng
RT: 7.936 min Scan# 910
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



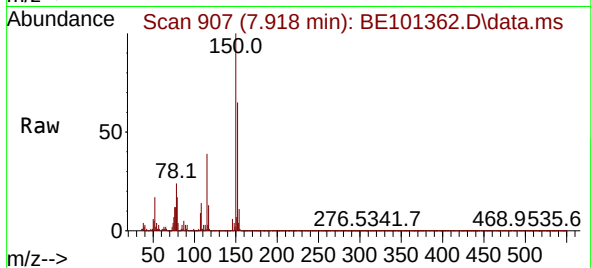
Tgt Ion:146 Resp: 199087
Ion Ratio Lower Upper
146 100
148 64.3 50.4 75.6
111 42.8 32.6 48.8





#15
Benzyl Alcohol
Concen: 9.468 ng
RT: 7.918 min Scan# 907
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

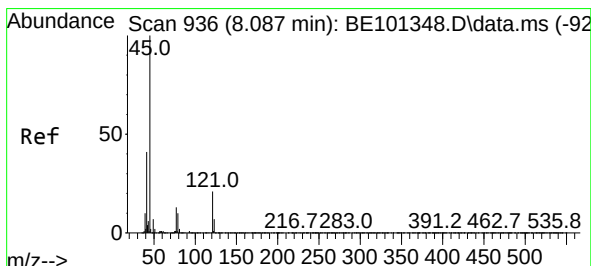
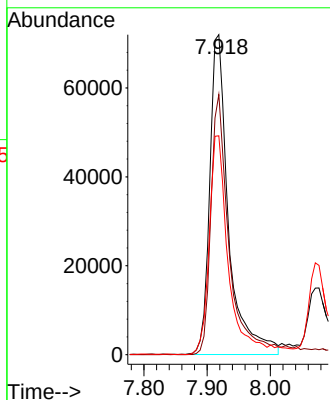
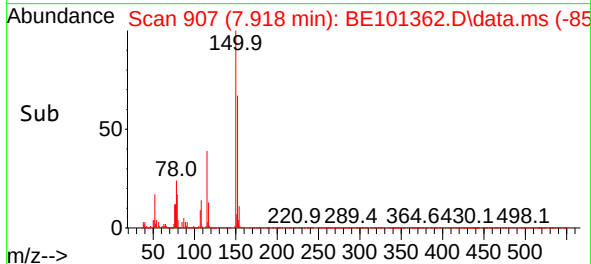
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



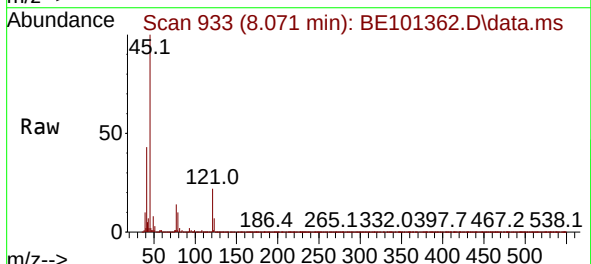
Tgt Ion: 79 Resp: 148979
Ion Ratio Lower Upper
79 100
108 81.3 66.0 99.0
77 68.4 51.0 76.6

Manual Integrations
APPROVED

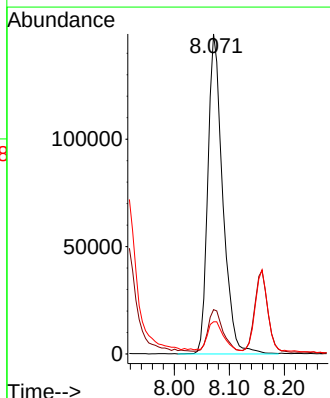
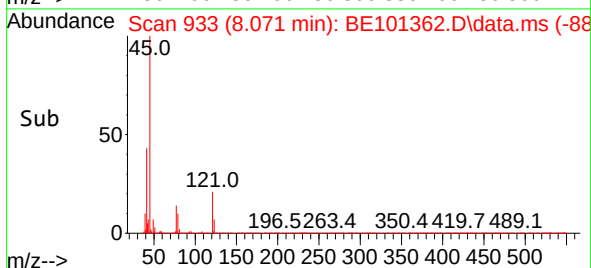
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

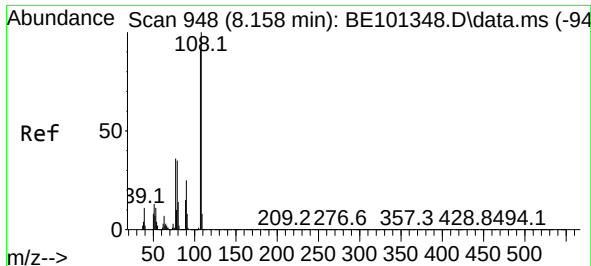


#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.017 ng
RT: 8.071 min Scan# 933
Delta R.T. -0.016 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



Tgt Ion: 45 Resp: 279345
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.3
79 10.1 0.0 31.6





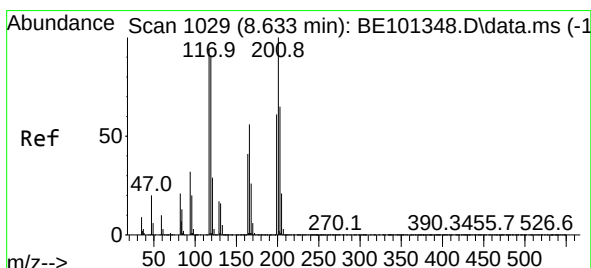
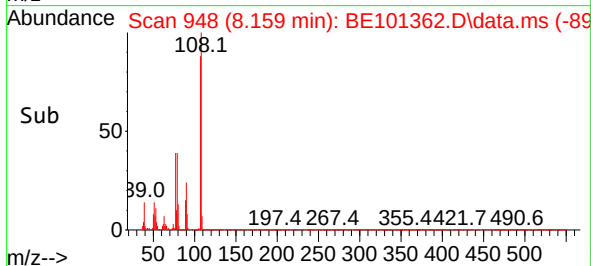
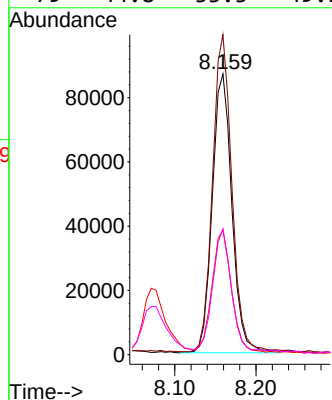
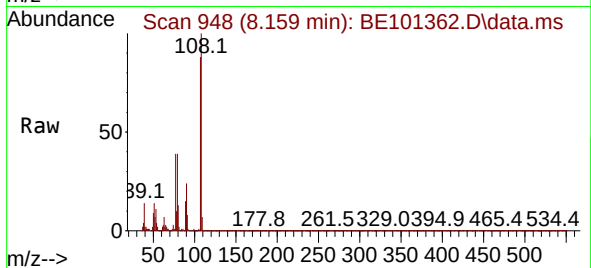
#17
2-Methylphenol
Concen: 7.583 ng
RT: 8.159 min Scan# 948
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:	107	Resp:	145938
Ion Ratio	Lower	Upper	
107	100		
108	114.0	88.2	132.2
77	44.5	34.9	52.3
79	44.8	33.3	49.9

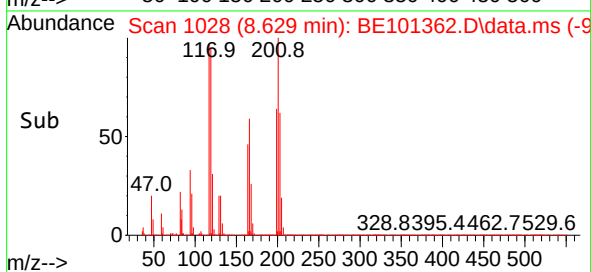
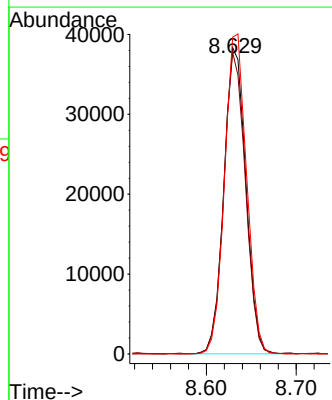
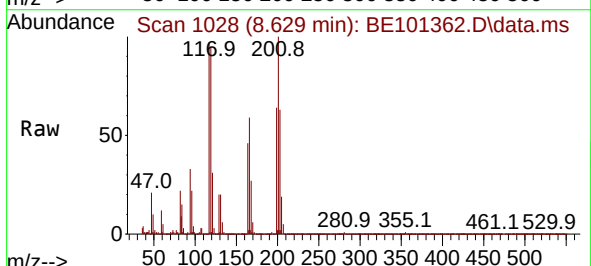
Manual Integrations
APPROVED

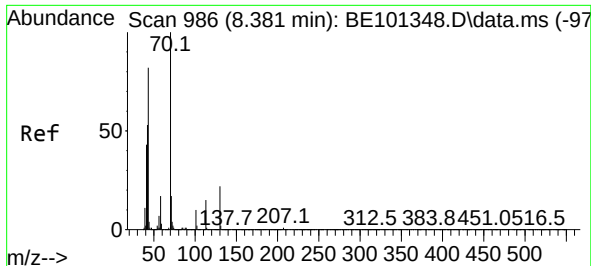
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 8.131 ng
RT: 8.629 min Scan# 1028
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

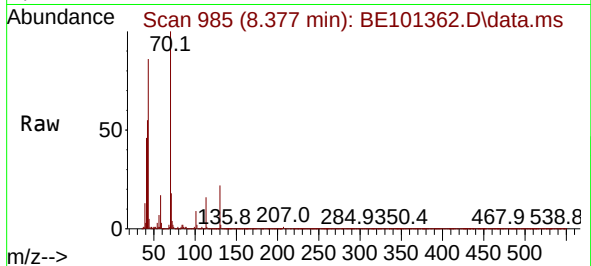
Tgt Ion:	117	Resp:	65224
Ion Ratio	Lower	Upper	
117	100		
119	98.4	77.4	116.2
201	103.5	84.8	127.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.635 ng
RT: 8.377 min Scan# 91
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

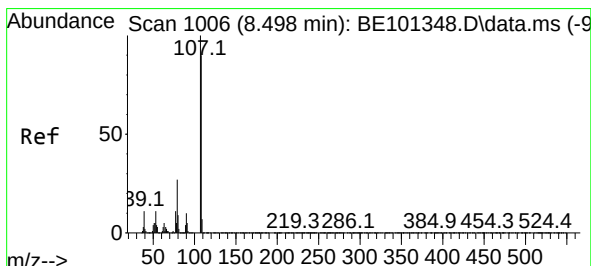
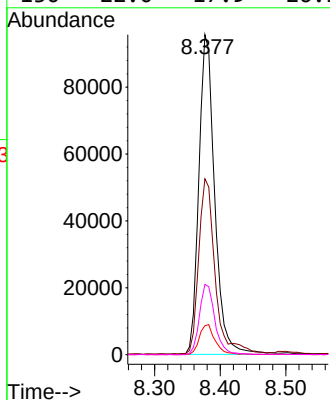
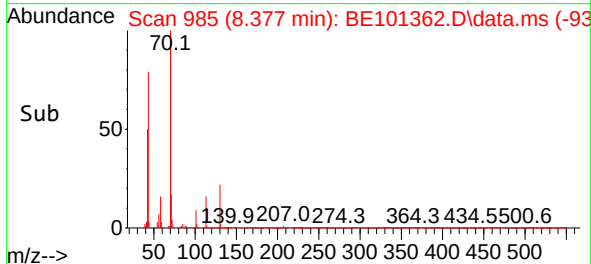
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



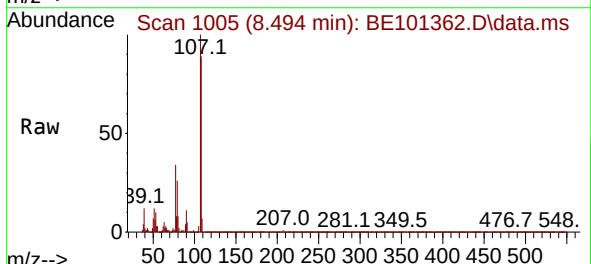
Tgt Ion: 70 Resp: 161040
Ion Ratio Lower Upper
70 100
42 55.0 42.5 63.7
101 9.1 7.8 11.6
130 22.0 17.9 26.9

Manual Integrations
APPROVED

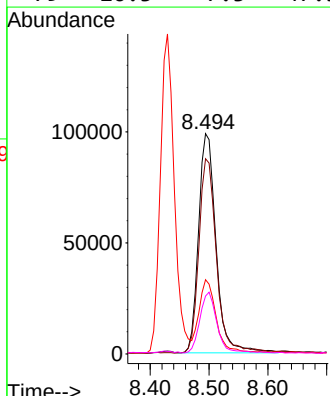
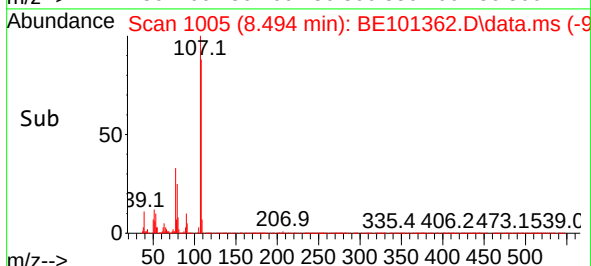
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

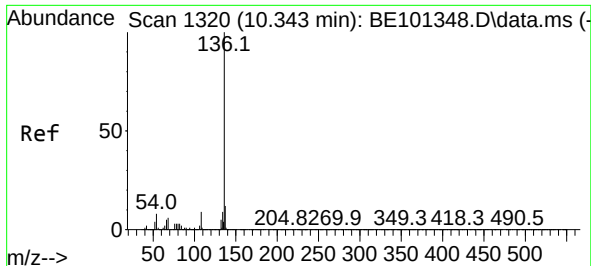


#20
3+4-Methylphenols
Concen: 7.528 ng
RT: 8.494 min Scan# 1005
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



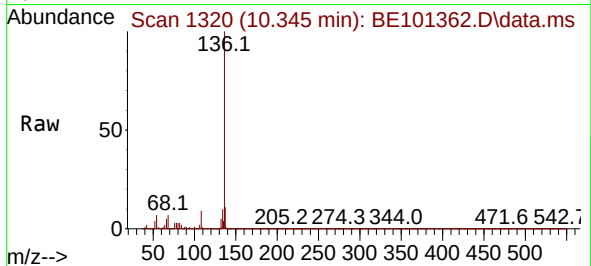
Tgt Ion:107 Resp: 203853
Ion Ratio Lower Upper
107 100
108 88.6 70.4 110.4
77 33.7 12.5 52.5
79 26.3 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.345 min Scan# 1320
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

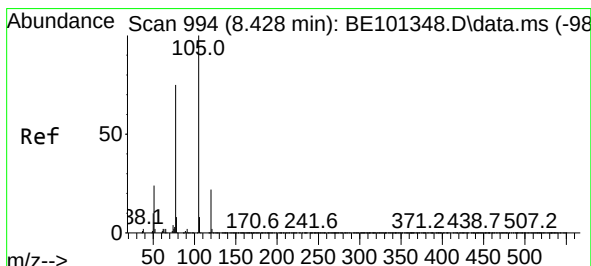
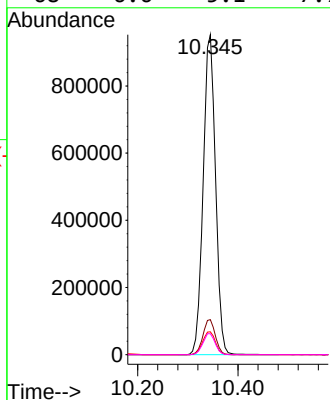
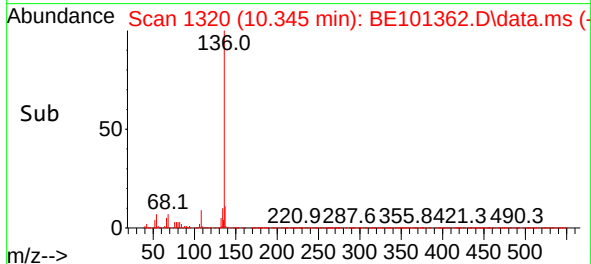
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:136 Resp: 162685
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 7.1 6.1 9.1
68 6.6 5.1 7.7

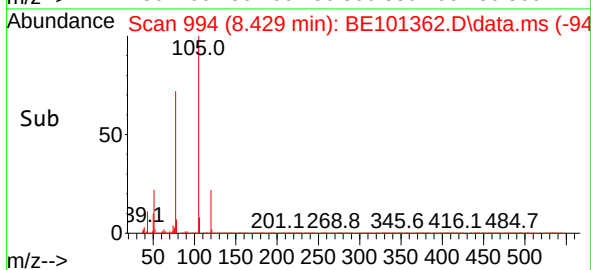
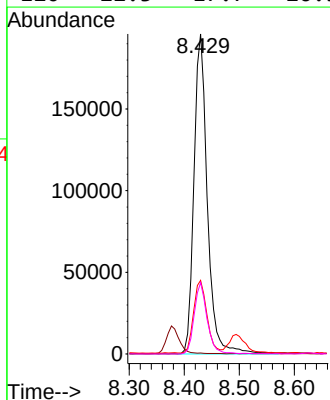
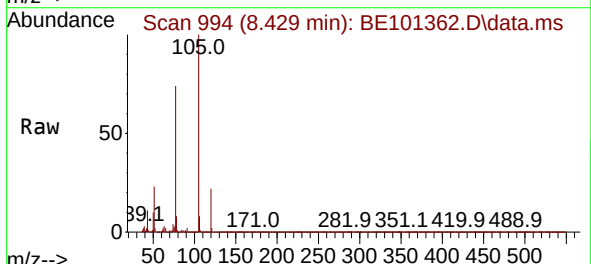
Manual Integrations
APPROVED

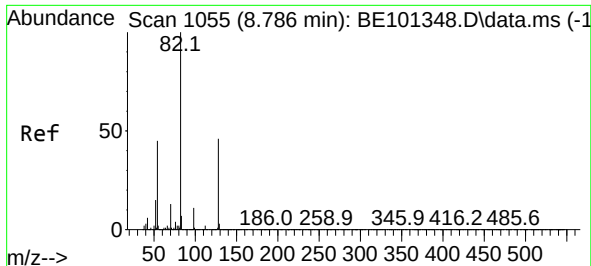
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 8.763 ng
RT: 8.429 min Scan# 994
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

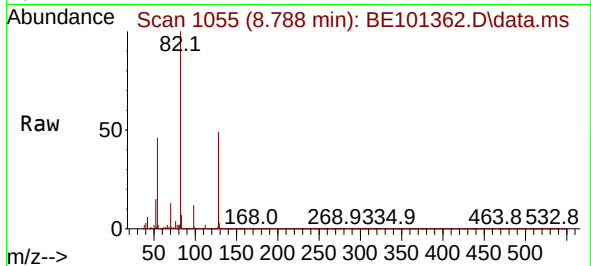
Tgt Ion:105 Resp: 330603
Ion Ratio Lower Upper
105 100
71 0.3 0.1 0.1#
51 23.0 19.0 28.4
120 22.3 17.7 26.5





#23
Nitrobenzene-d5
Concen: 71.781 ng
RT: 8.788 min Scan# 1055
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

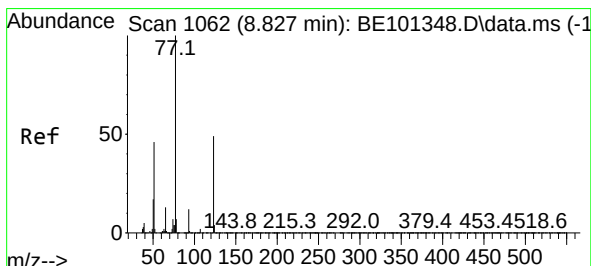
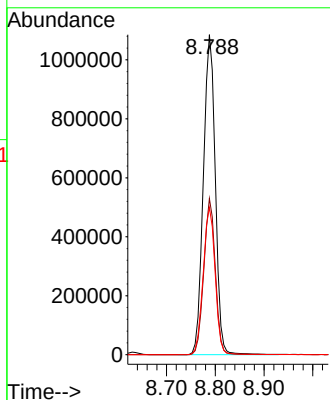
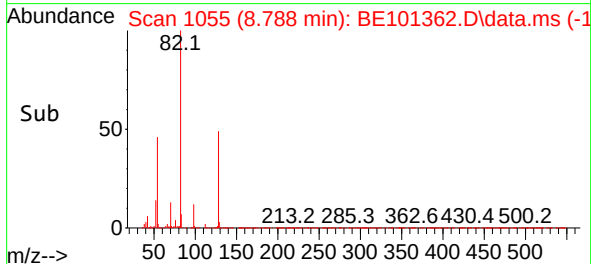
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



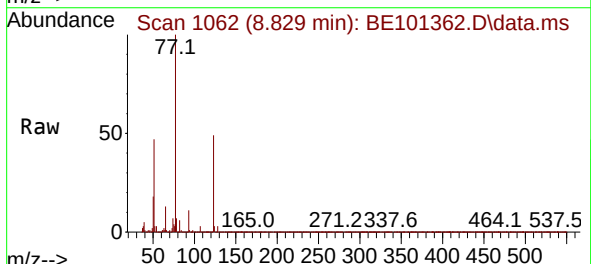
Tgt Ion: 82 Resp: 1841958
Ion Ratio Lower Upper
82 100
128 48.8 36.8 55.2
54 46.0 36.2 54.4

Manual Integrations
APPROVED

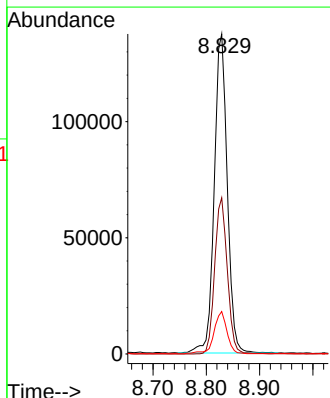
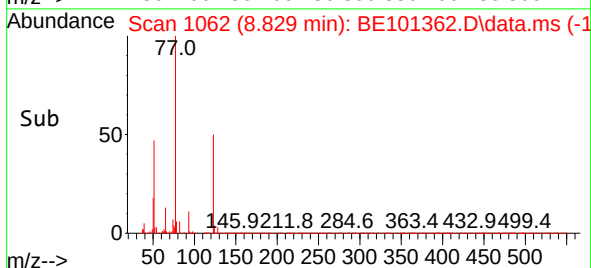
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

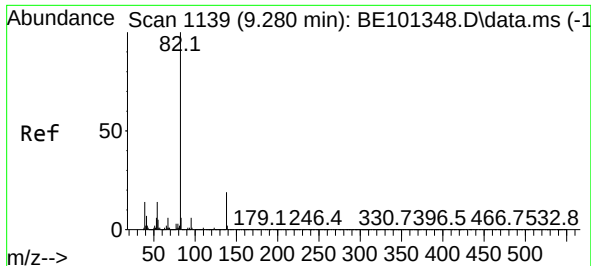


#24
Nitrobenzene
Concen: 8.500 ng
RT: 8.829 min Scan# 1062
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



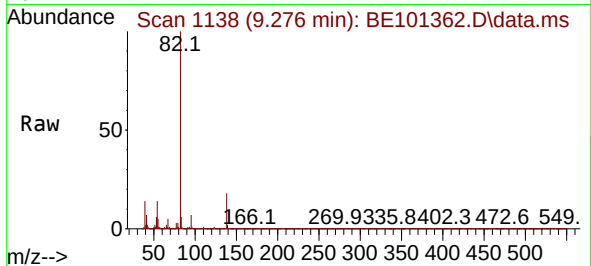
Tgt Ion: 77 Resp: 232859
Ion Ratio Lower Upper
77 100
123 48.8 39.0 58.4
65 13.2 10.2 15.4





#25
Isophorone
Concen: 8.726 ng
RT: 9.276 min Scan# 1138
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

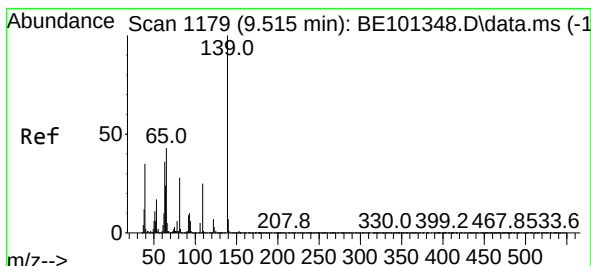
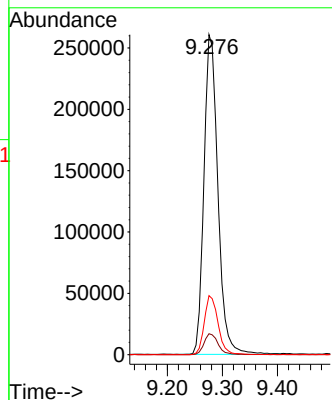
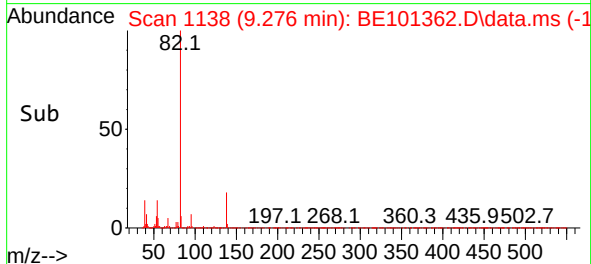
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 45840
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 18.4 15.0 22.6

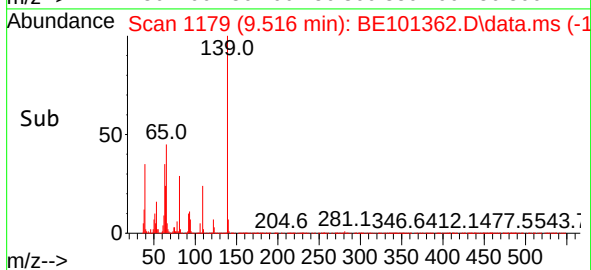
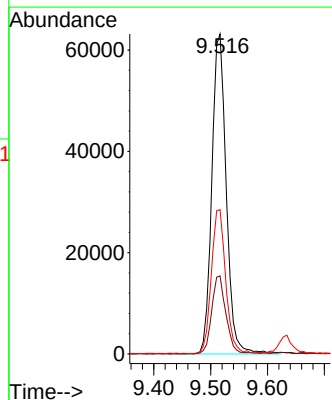
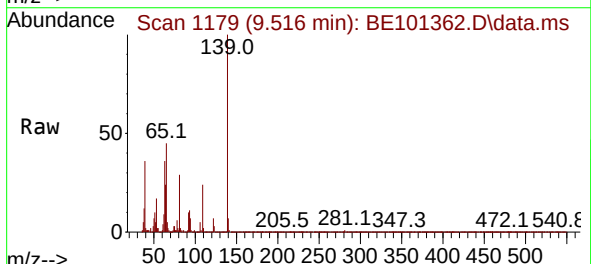
Manual Integrations
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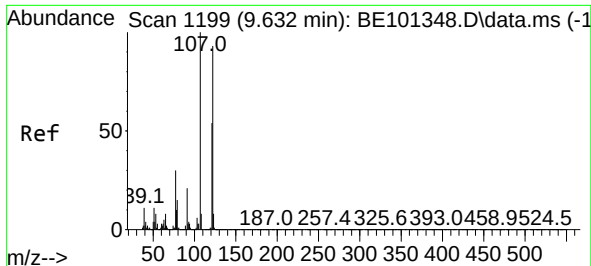
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#26
2-Nitrophenol
Concen: 8.573 ng
RT: 9.516 min Scan# 1179
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:139 Resp: 110848
Ion Ratio Lower Upper
139 100
109 24.4 19.8 29.6
65 45.1 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 3.710 ng

RT: 9.634 min Scan# 1199

Delta R.T. 0.002 min

Lab File: BE101362.D

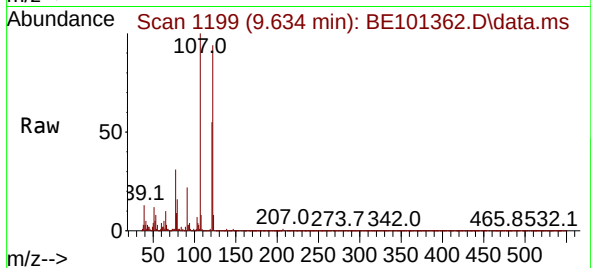
Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

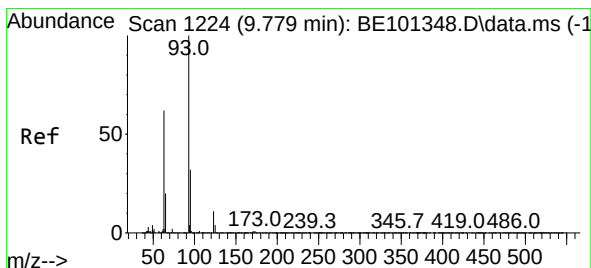
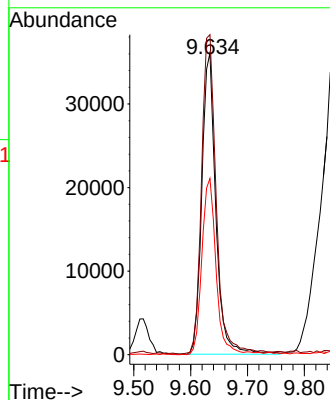
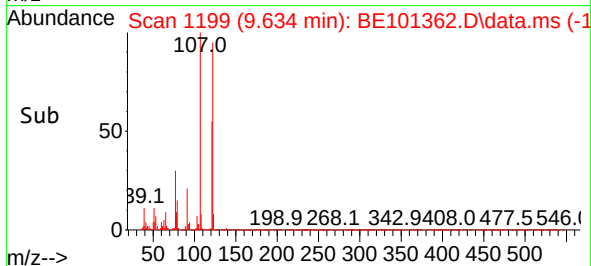


Tgt Ion:	122	Resp:	61570
Ion	Ratio	Lower	Upper
122	100		
107	106.0	86.4	129.6
121	58.4	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#28

bis(2-Chloroethoxy)methane

Concen: 8.526 ng

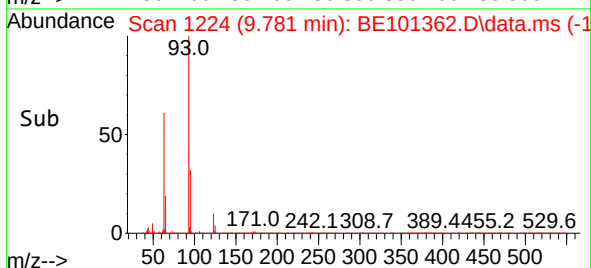
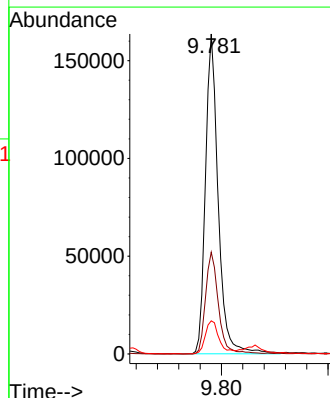
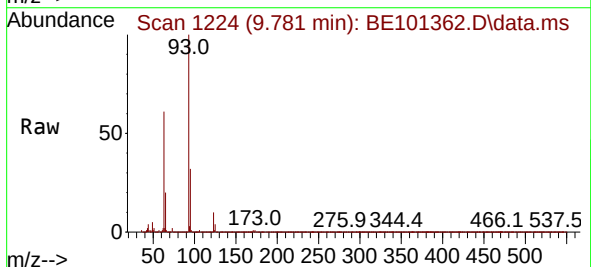
RT: 9.781 min Scan# 1224

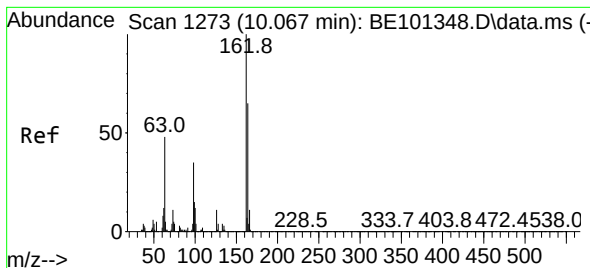
Delta R.T. 0.002 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

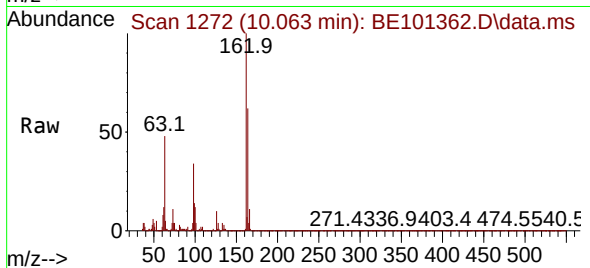
Tgt Ion:	93	Resp:	270929
Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.0	39.0
123	10.4	9.0	13.4





#29
2,4-Dichlorophenol
Concen: 8.231 ng
RT: 10.063 min Scan# 1272
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

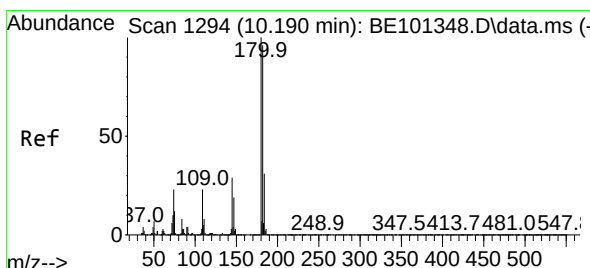
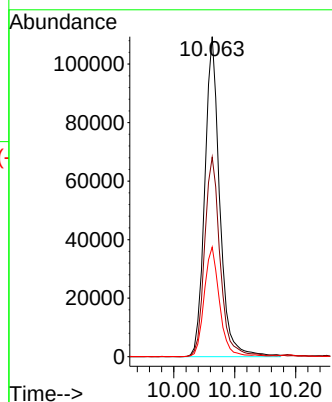
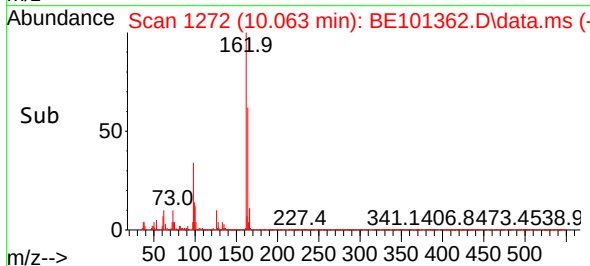
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:162 Resp: 18710
Ion Ratio Lower Upper
162 100
164 62.3 44.6 84.6
98 34.3 14.7 54.7

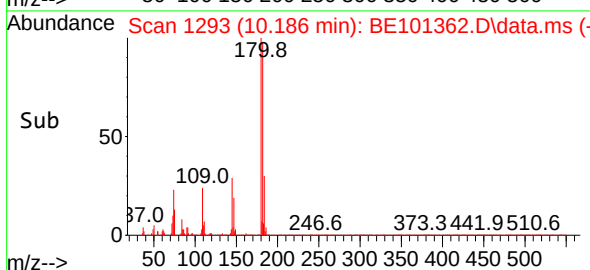
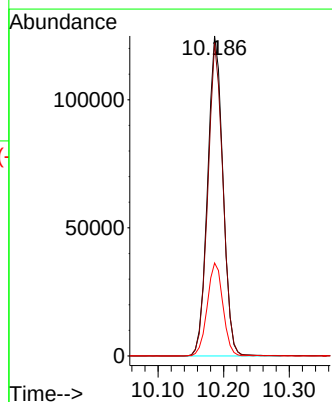
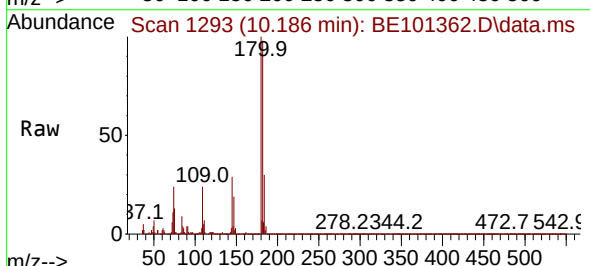
Manual Integrations
APPROVED

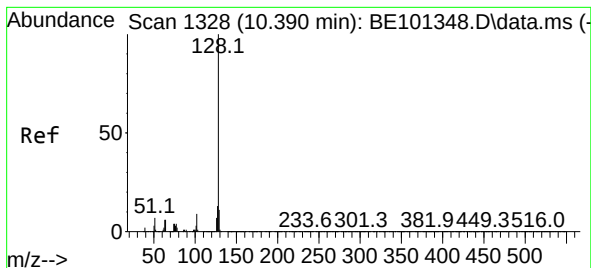
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#30
1,2,4-Trichlorobenzene
Concen: 8.264 ng
RT: 10.186 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:180 Resp: 203010
Ion Ratio Lower Upper
180 100
182 97.8 76.6 114.8
145 29.0 23.5 35.3





#31

Naphthalene

Concen: 8.396 ng

RT: 10.392 min Scan# 11

Delta R.T. 0.002 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

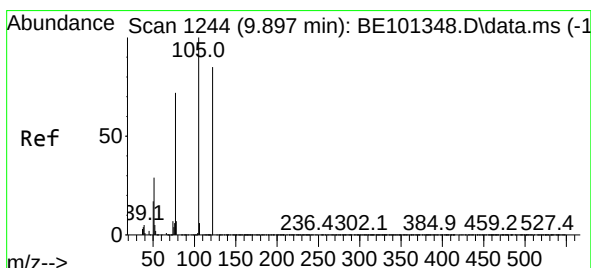
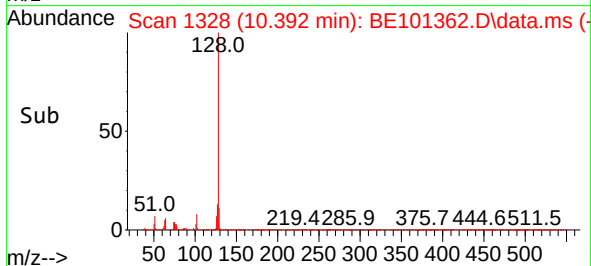
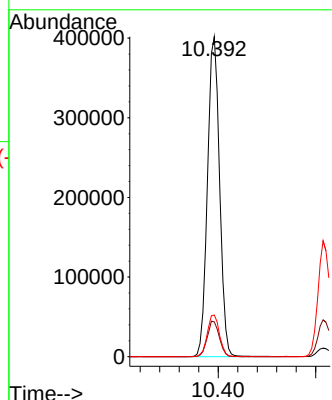
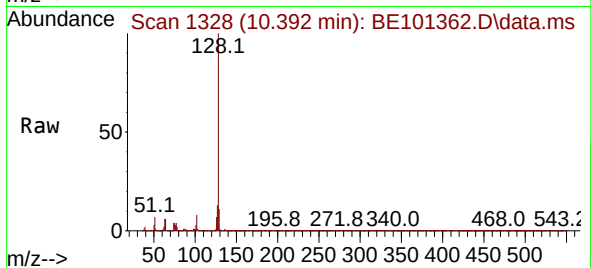
LOQ-WATER-02-QT2-2024

Tgt Ion:128 Resp: 689170
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.8 13.2
 127 13.0 10.3 15.5

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Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#32

Benzoic acid

Concen: 14.851 ng

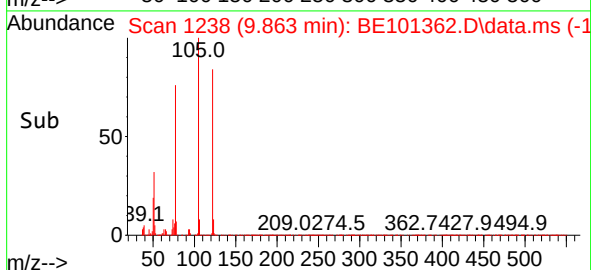
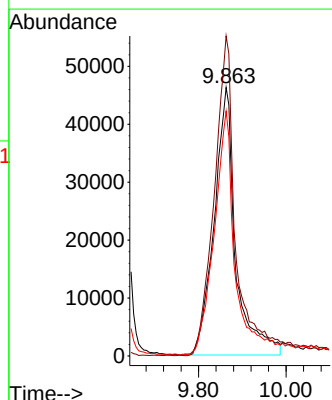
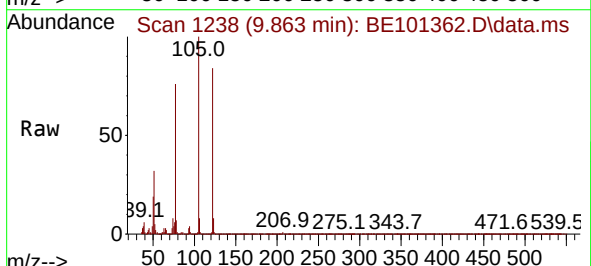
RT: 9.863 min Scan# 1238

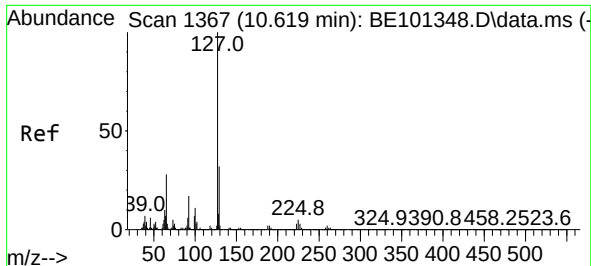
Delta R.T. -0.034 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

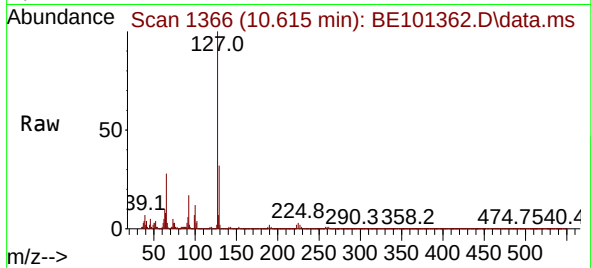
Tgt Ion:122 Resp: 156831
 Ion Ratio Lower Upper
 122 100
 105 119.2 96.7 136.7
 77 91.2 64.8 104.8





#33
4-Chloroaniline
Concen: 8.702 ng
RT: 10.615 min Scan# 1366
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

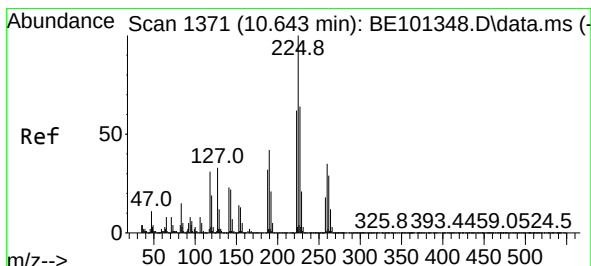
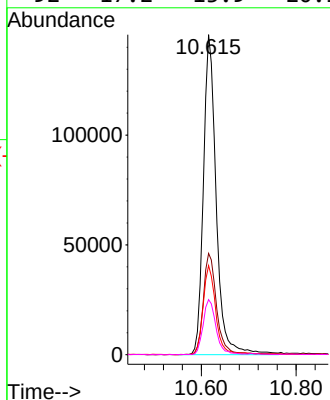
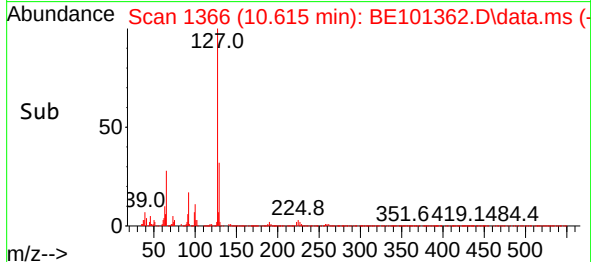
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:127 Resp: 27328
Ion Ratio Lower Upper
127 100
129 31.7 25.8 38.8
65 27.8 22.5 33.7
92 17.2 13.9 20.9

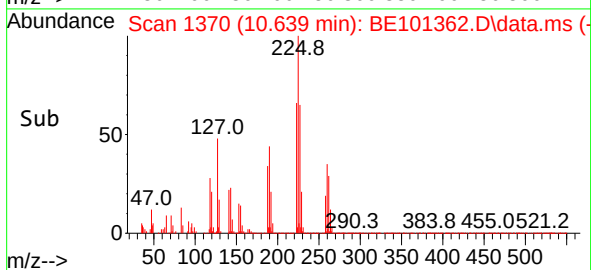
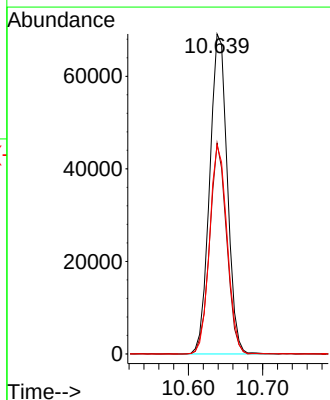
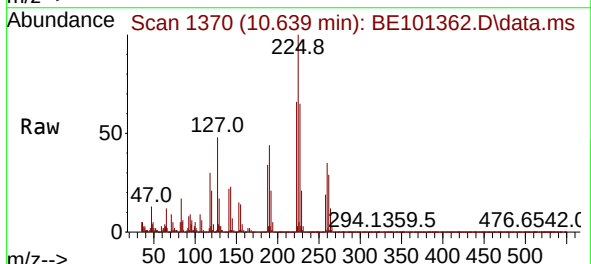
Manual Integrations
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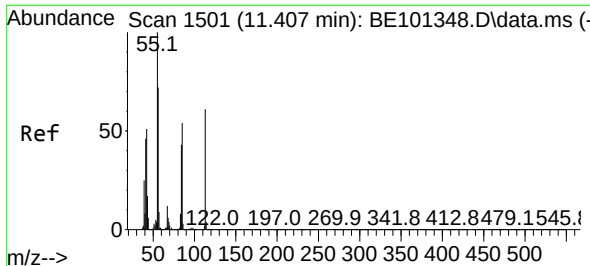
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#34
Hexachlorobutadiene
Concen: 7.994 ng
RT: 10.639 min Scan# 1370
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

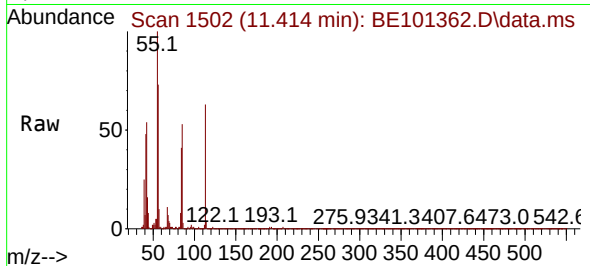
Tgt Ion:225 Resp: 114098
Ion Ratio Lower Upper
225 100
223 65.8 49.8 74.8
227 65.2 51.3 76.9





#35
Caprolactam
Concen: 8.572 ng
RT: 11.414 min Scan# 1501
Delta R.T. 0.007 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

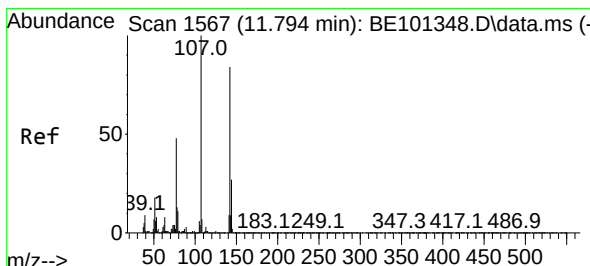
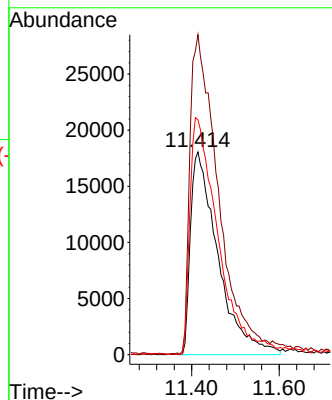
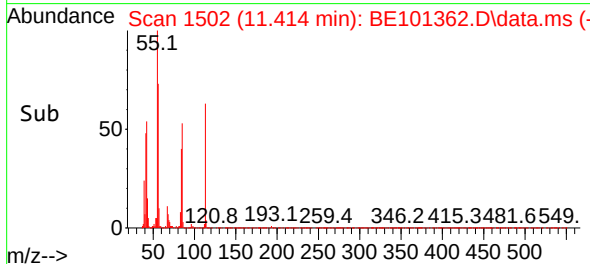
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 78719
Ion Ratio Lower Upper
113 100
55 157.8 144.8 184.8
56 115.8 99.3 139.3

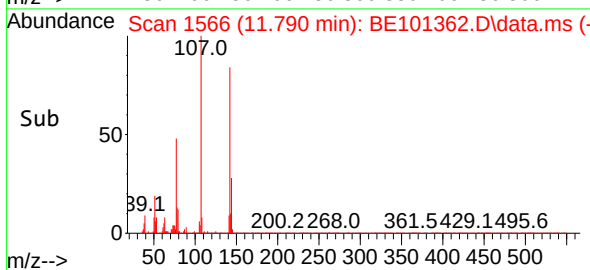
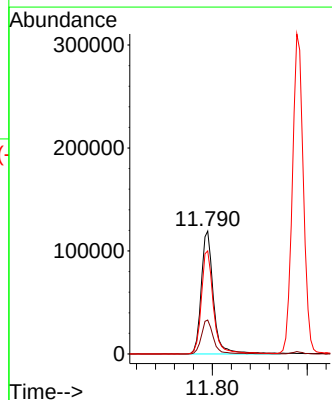
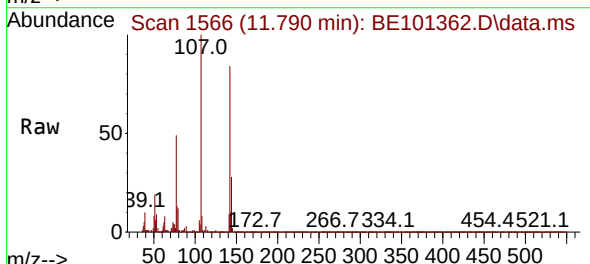
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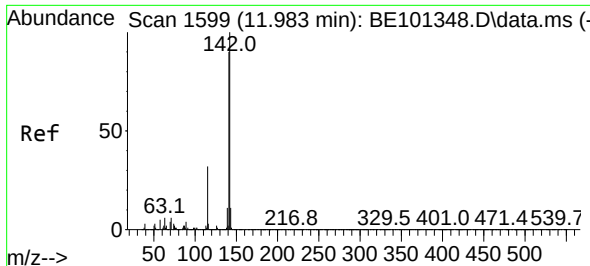
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#36
4-Chloro-3-methylphenol
Concen: 7.890 ng
RT: 11.790 min Scan# 1566
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

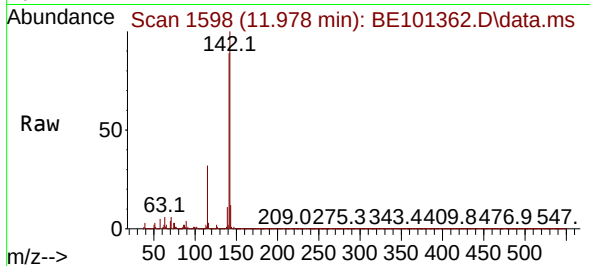
Tgt Ion:107 Resp: 211924
Ion Ratio Lower Upper
107 100
144 27.6 21.9 32.9
142 83.8 67.4 101.2





#37
2-Methylnaphthalene
Concen: 8.282 ng
RT: 11.978 min Scan# 1599
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

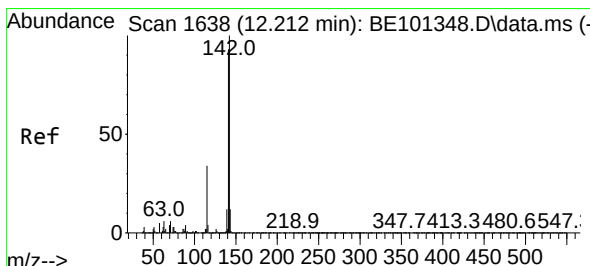
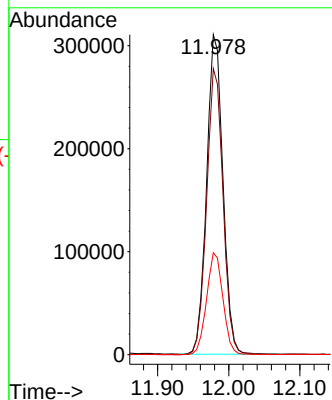
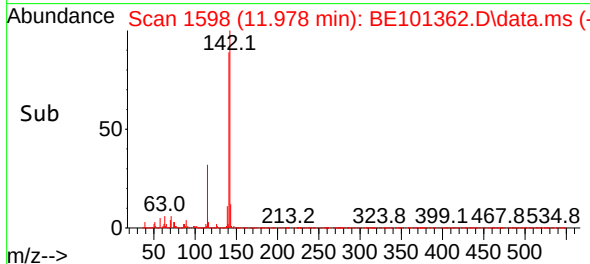
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



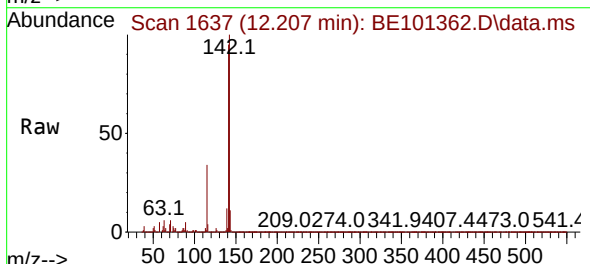
Tgt Ion:142 Resp: 497170
Ion Ratio Lower Upper
142 100
141 89.4 71.8 107.6
115 31.8 25.6 38.4

Manual Integrations
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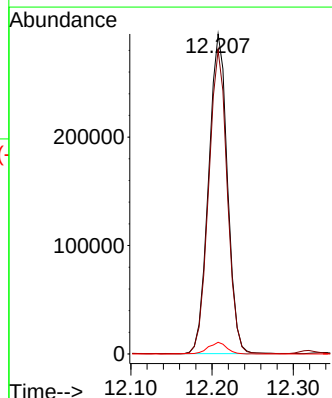
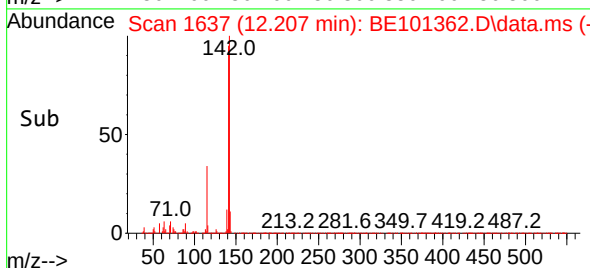
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

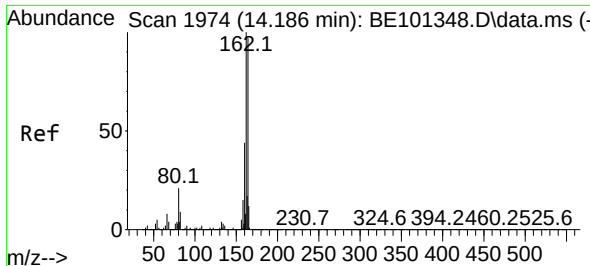


#38
1-Methylnaphthalene
Concen: 7.866 ng
RT: 12.207 min Scan# 1637
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



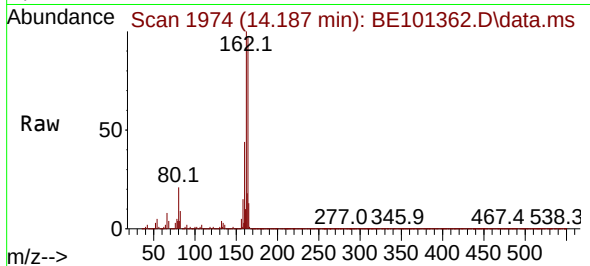
Tgt Ion:142 Resp: 473760
Ion Ratio Lower Upper
142 100
141 94.9 74.3 111.5
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.187 min Scan# 1659
Delta R.T. 0.001 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

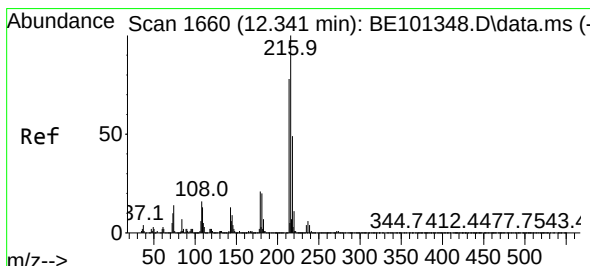
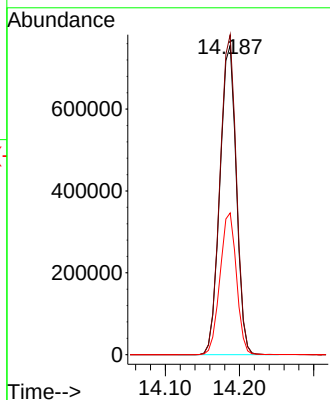
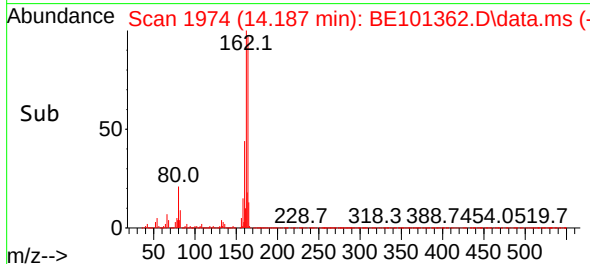
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



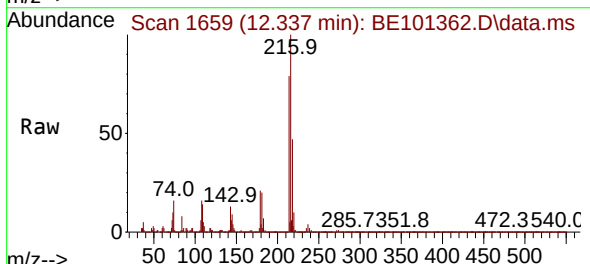
Tgt Ion:164 Resp: 115947
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 45.9 36.1 54.1

Manual Integrations
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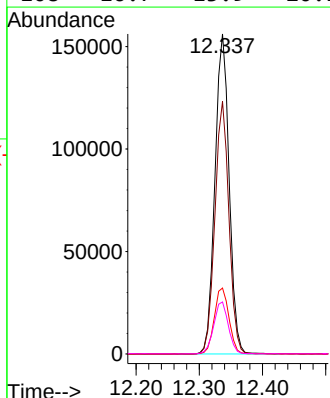
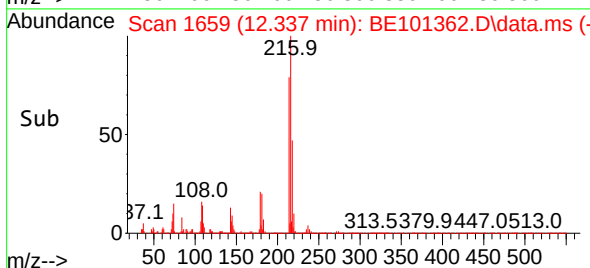
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

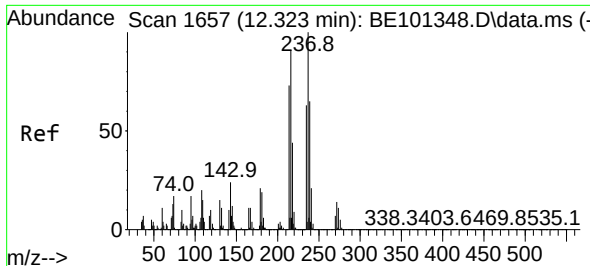


#40
1,2,4,5-Tetrachlorobenzene
Concen: 8.700 ng
RT: 12.337 min Scan# 1659
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



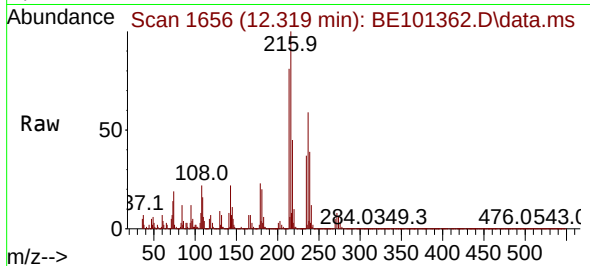
Tgt Ion:216 Resp: 242990
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 21.3 16.9 25.3
108 16.7 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 4.157 ng
RT: 12.319 min Scan# 1656
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

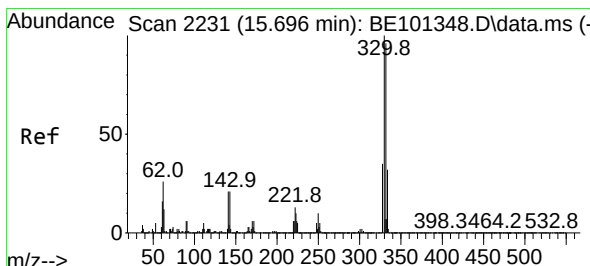
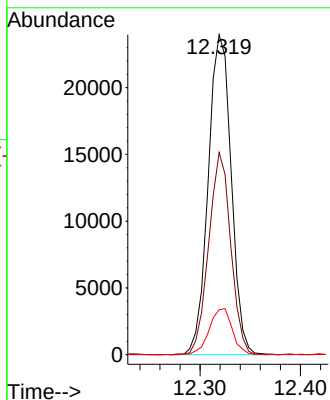
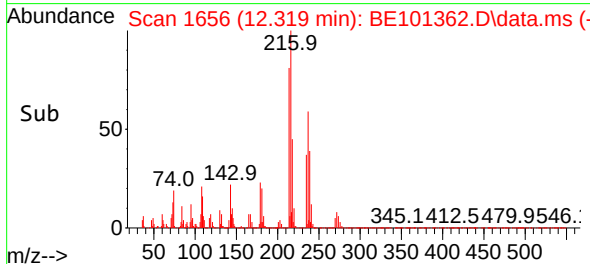
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 237 Resp: 3815
Ion Ratio Lower Upper
237 100
235 63.2 42.9 82.9
272 14.1 0.0 34.0

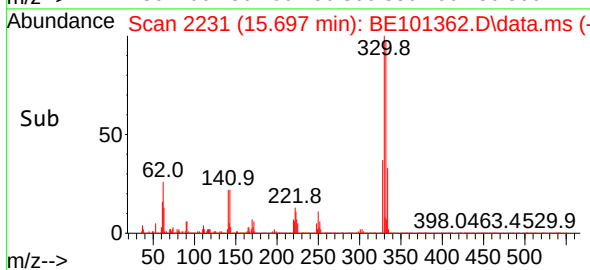
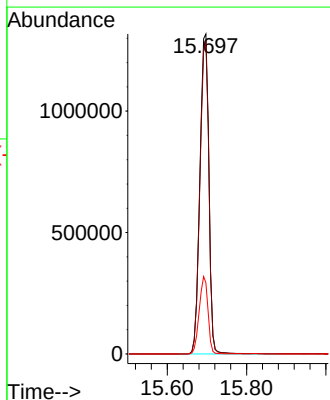
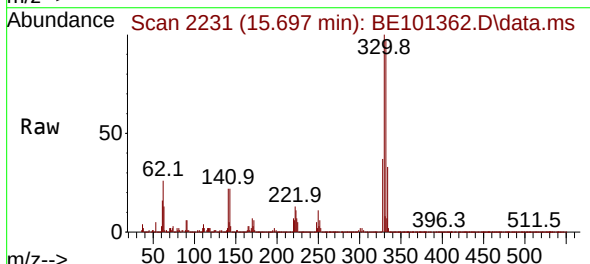
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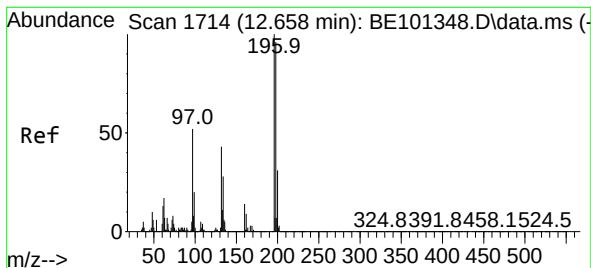
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#42
2,4,6-Tribromophenol
Concen: 106.087 ng
RT: 15.697 min Scan# 2231
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion: 330 Resp: 2068900
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 23.6 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 8.370 ng

RT: 12.654 min Scan# 1713

Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

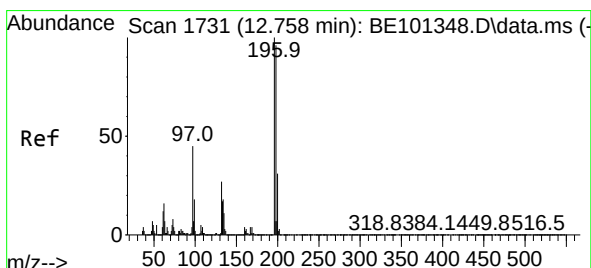
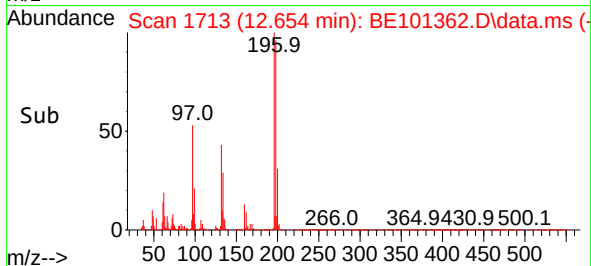
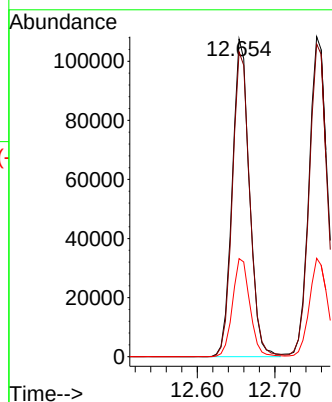
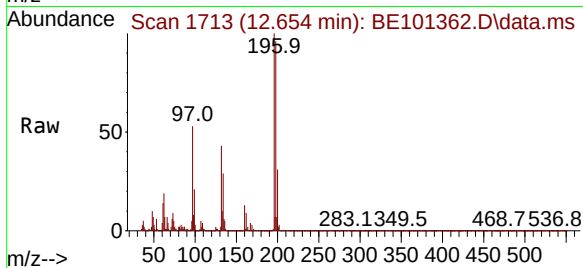
LOQ-WATER-02-QT2-2024

Tgt Ion:	196	Resp:	16556
Ion Ratio	Lower	Upper	
196	100		
198	95.9	76.8	115.2
200	30.8	25.0	37.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#44

2,4,5-Trichlorophenol

Concen: 8.204 ng

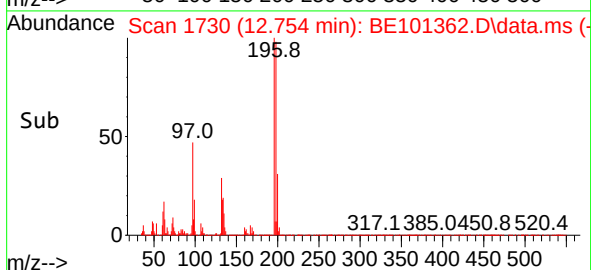
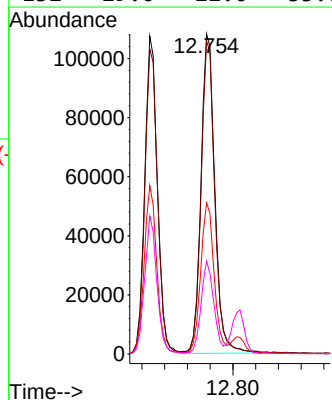
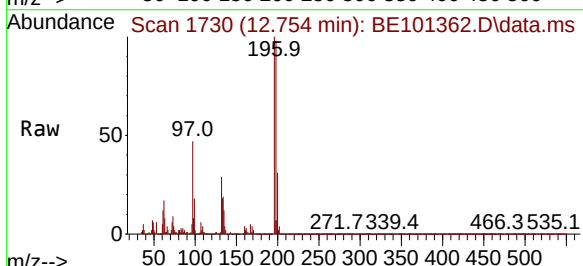
RT: 12.754 min Scan# 1730

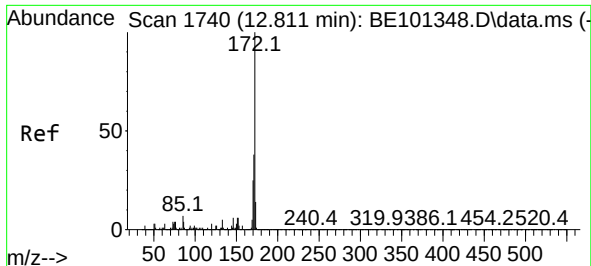
Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

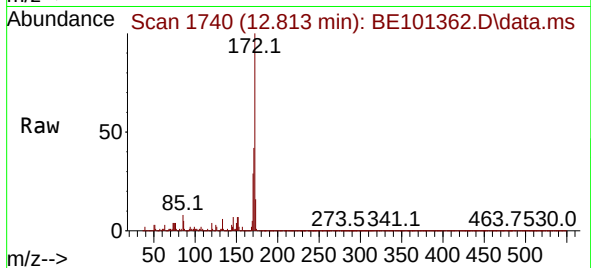
Tgt Ion:	196	Resp:	183103
Ion Ratio	Lower	Upper	
196	100		
198	97.7	76.9	115.3
97	47.2	36.2	54.2
132	29.0	22.0	33.0





#45
2-Fluorobiphenyl
Concen: 64.124 ng
RT: 12.813 min Scan# 1740
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

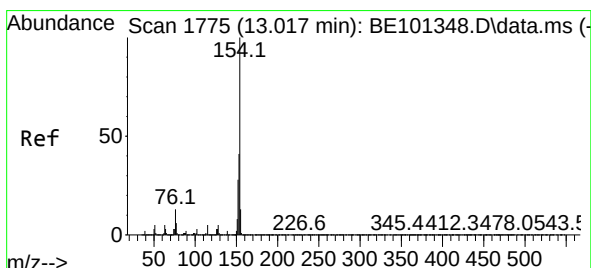
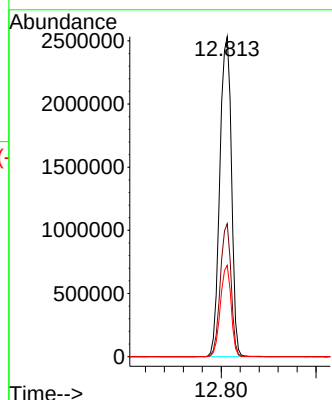
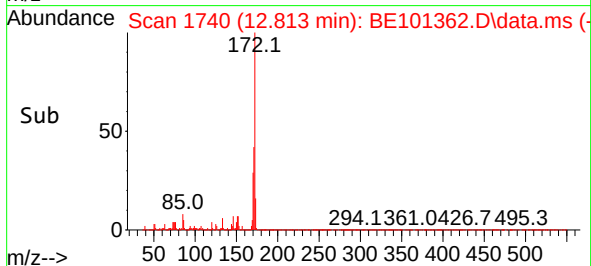
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



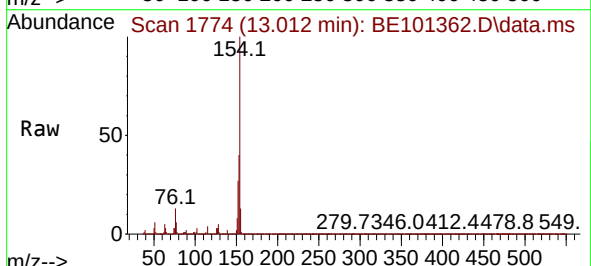
Tgt Ion:172 Resp: 430253
Ion Ratio Lower Upper
172 100
171 41.5 30.2 45.2
170 28.6 20.2 30.4

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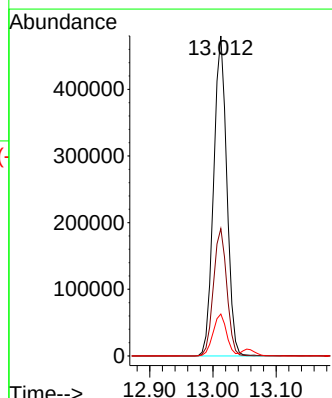
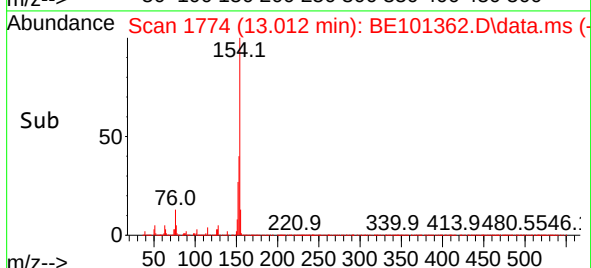
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

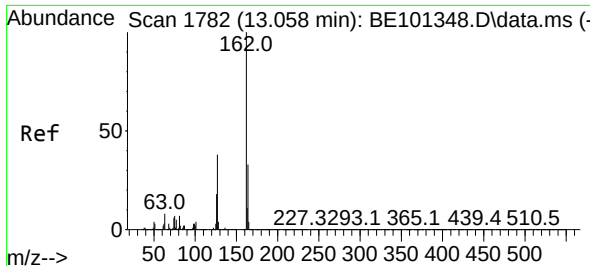


#46
1,1'-Biphenyl
Concen: 8.841 ng
RT: 13.012 min Scan# 1774
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



Tgt Ion:154 Resp: 694639
Ion Ratio Lower Upper
154 100
153 39.8 21.2 61.2
76 13.1 0.0 33.4





#47

2-Chloronaphthalene

Concen: 8.429 ng

RT: 13.059 min Scan# 1

Delta R.T. 0.002 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

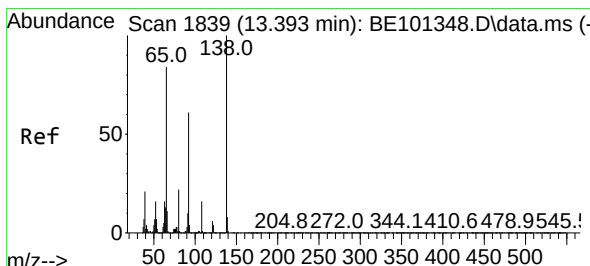
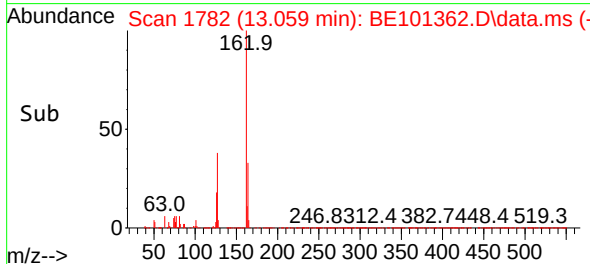
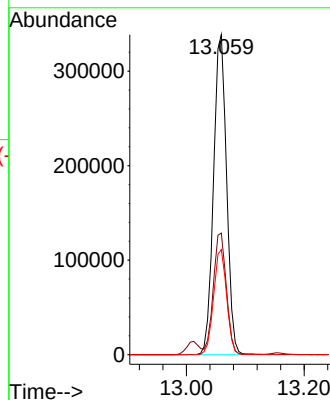
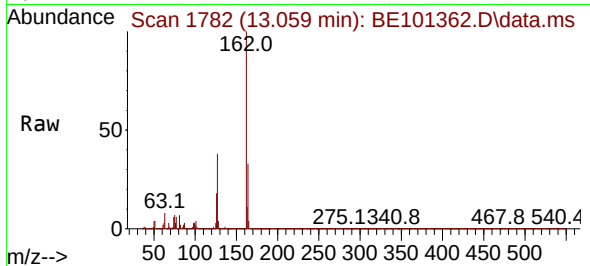
LOQ-WATER-02-QT2-2024

Tgt Ion:	162	Resp:	52097
Ion Ratio	Lower	Upper	
162	100		
127	38.0	31.2	46.8
164	32.9	26.2	39.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#48

2-Nitroaniline

Concen: 8.704 ng

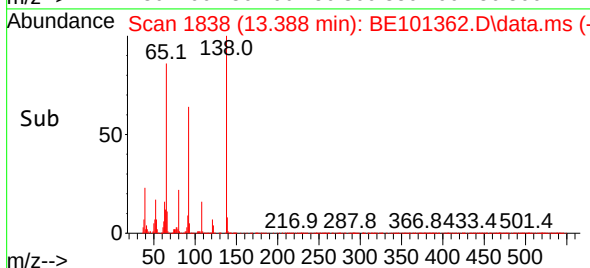
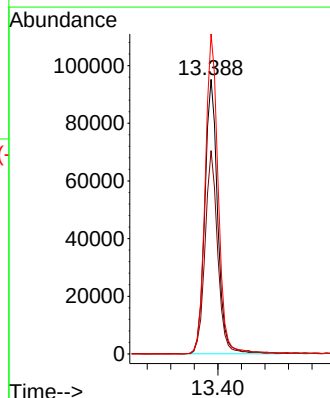
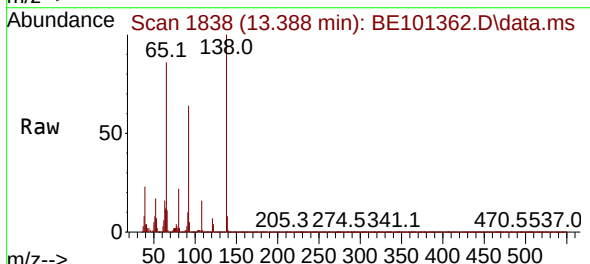
RT: 13.388 min Scan# 1838

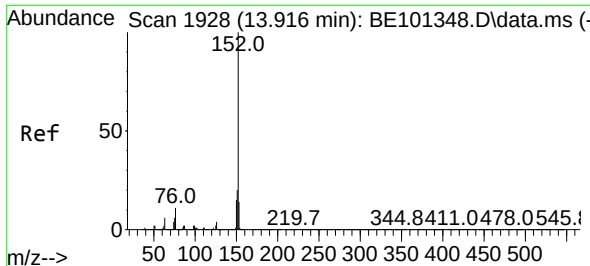
Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion:	65	Resp:	144743
Ion Ratio	Lower	Upper	
65	100		
92	74.1	58.3	87.5
138	116.6	95.0	142.4





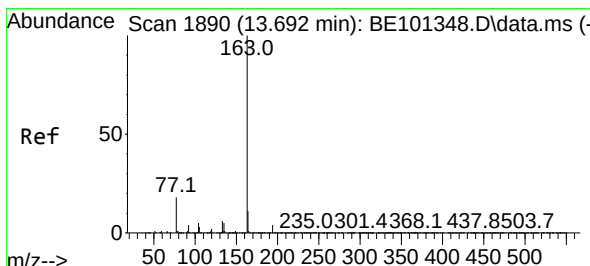
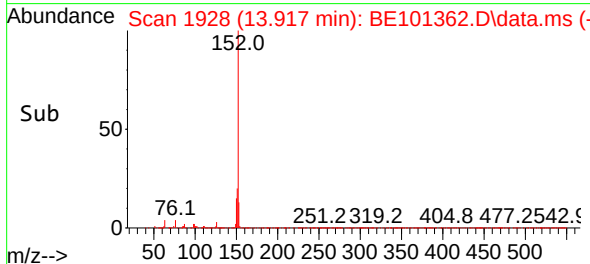
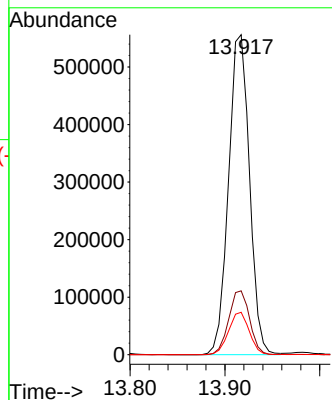
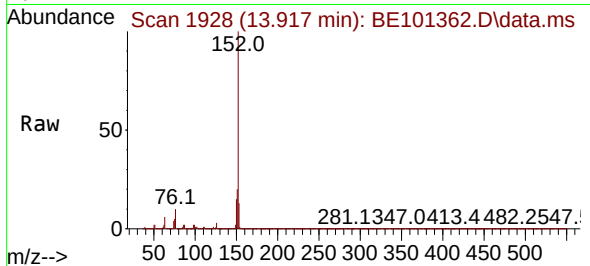
#49
Acenaphthylene
Concen: 9.260 ng
RT: 13.917 min Scan# 1928
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:152 Resp: 853970
Ion Ratio Lower Upper
152 100
151 19.9 16.4 24.6
153 13.3 11.1 16.7

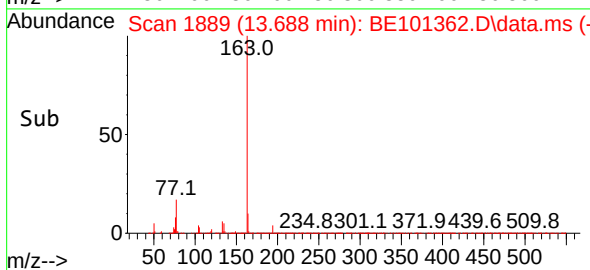
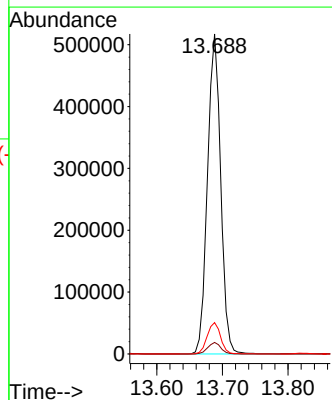
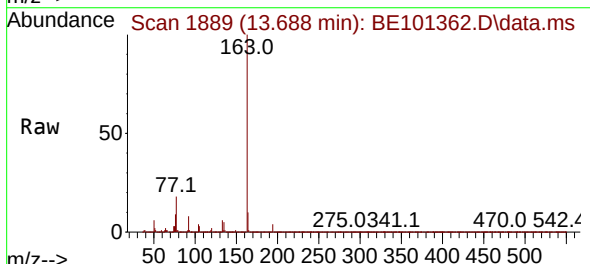
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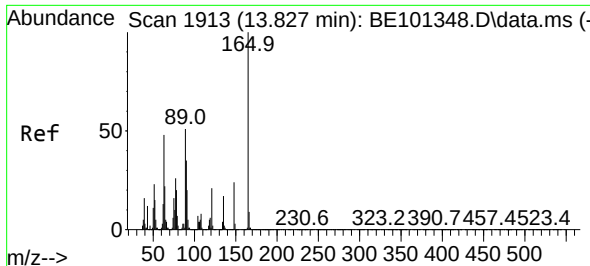
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#50
Dimethylphthalate
Concen: 8.657 ng
RT: 13.688 min Scan# 1889
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

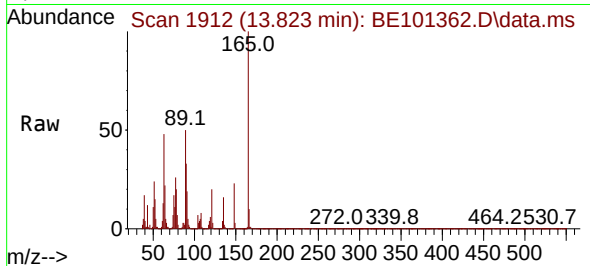
Tgt Ion:163 Resp: 724260
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 9.8 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 8.081 ng
RT: 13.823 min Scan# 1913
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

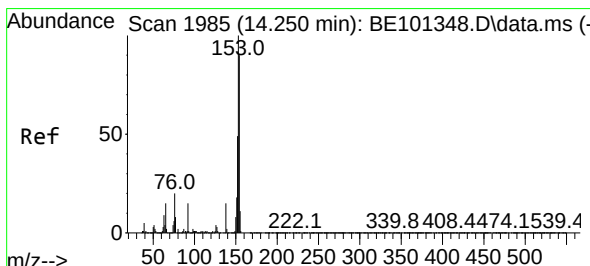
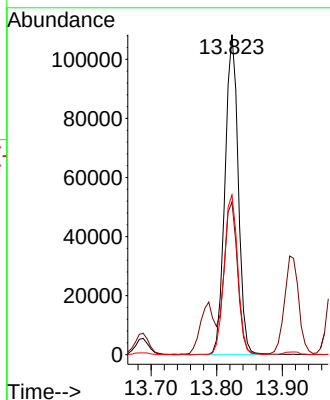
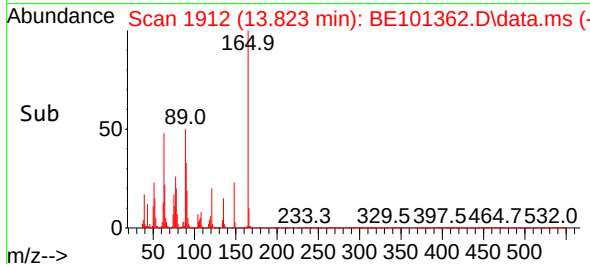
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



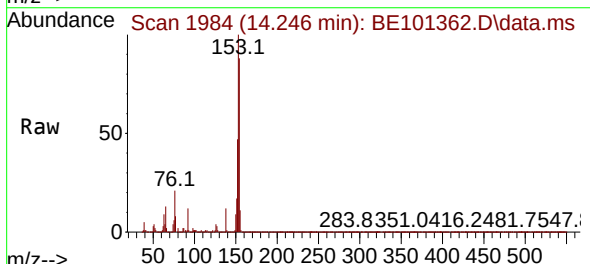
Tgt Ion:165 Resp: 151312
Ion Ratio Lower Upper
165 100
63 47.7 38.5 57.7
89 50.0 40.5 60.7

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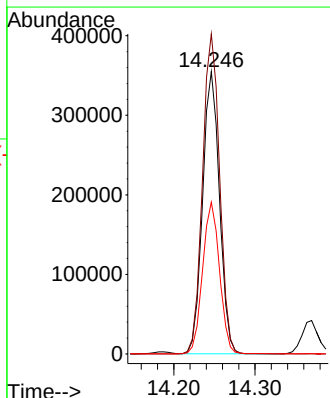
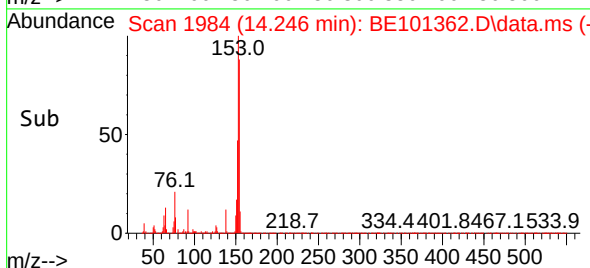
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

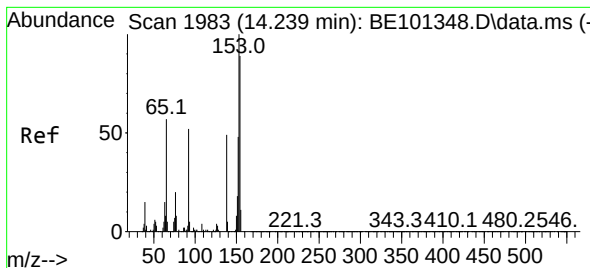


#52
Acenaphthene
Concen: 8.394 ng
RT: 14.246 min Scan# 1984
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



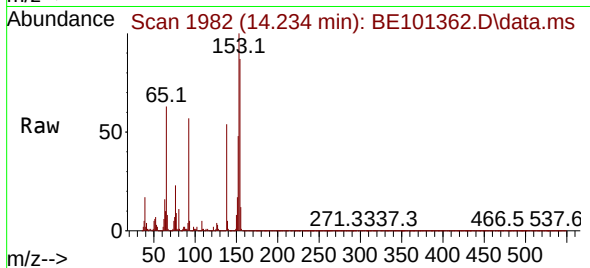
Tgt Ion:154 Resp: 510321
Ion Ratio Lower Upper
154 100
153 113.4 88.8 133.2
152 53.8 43.2 64.8





#53
3-Nitroaniline
Concen: 8.587 ng
RT: 14.234 min Scan# 1983
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

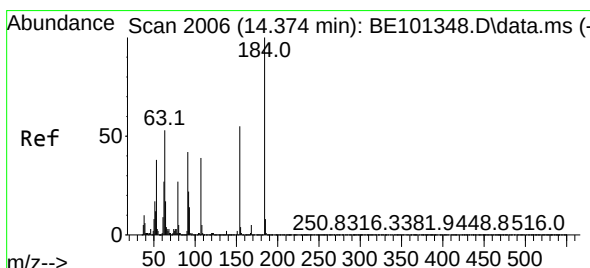
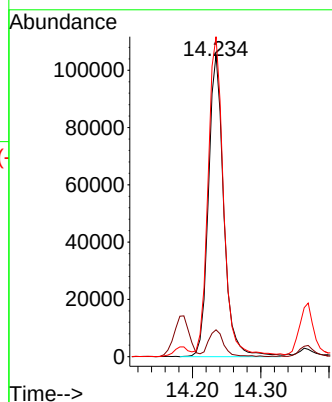
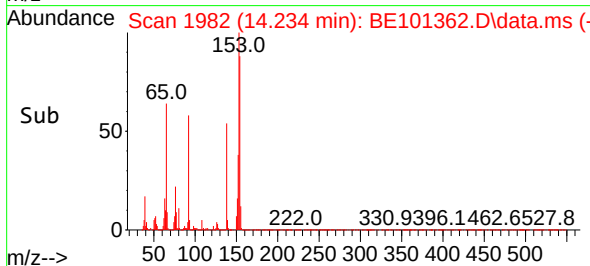
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:138 Resp: 165394
Ion Ratio Lower Upper
138 100
108 8.9 7.2 10.8
92 106.0 85.7 128.5

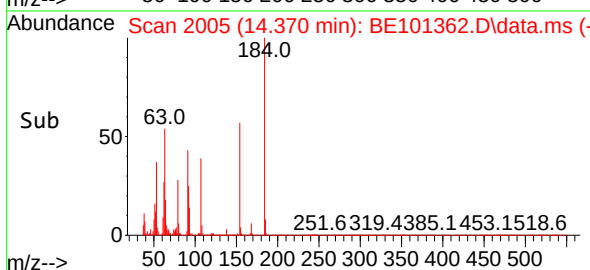
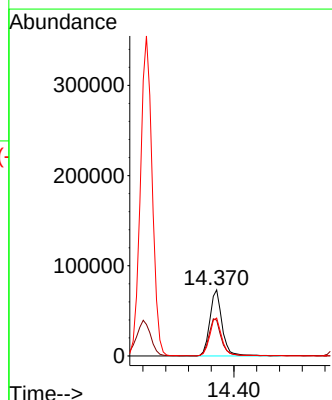
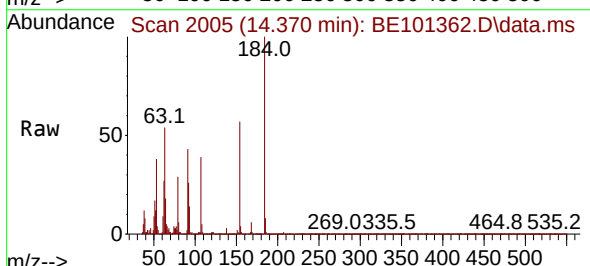
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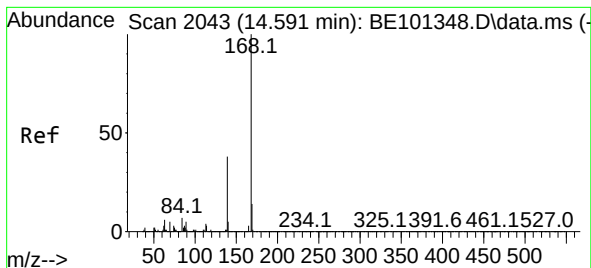
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#54
2,4-Dinitrophenol
Concen: 9.796 ng
RT: 14.370 min Scan# 2005
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

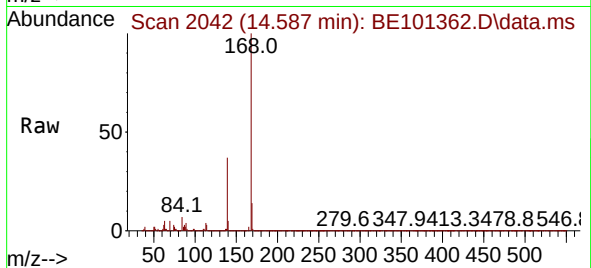
Tgt Ion:184 Resp: 109187
Ion Ratio Lower Upper
184 100
63 54.3 42.5 63.7
154 57.4 44.2 66.2





#55
Dibenzenofuran
Concen: 8.799 ng
RT: 14.587 min Scan# 2042
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

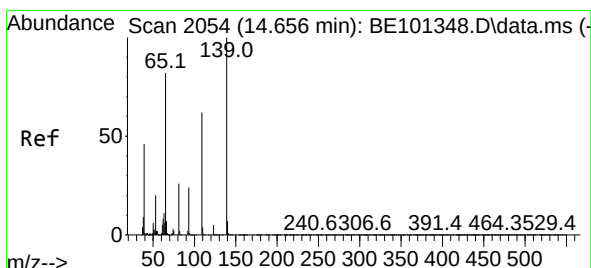
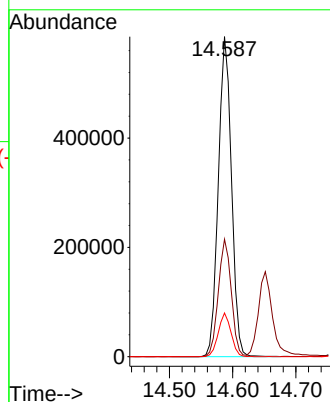
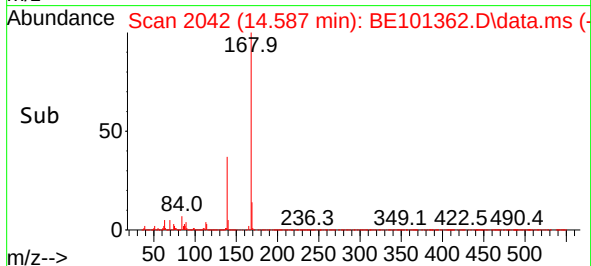
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



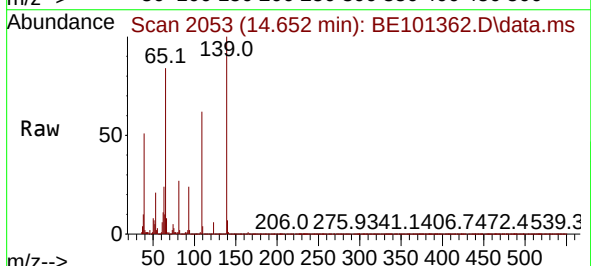
Tgt Ion:168 Resp: 844932
Ion Ratio Lower Upper
168 100
139 36.7 30.5 45.7
169 13.6 11.4 17.2

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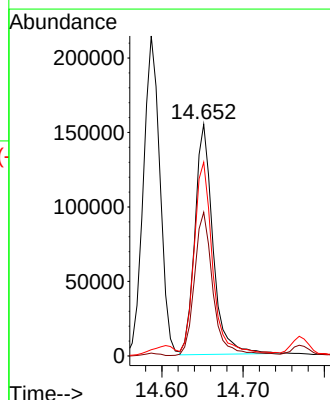
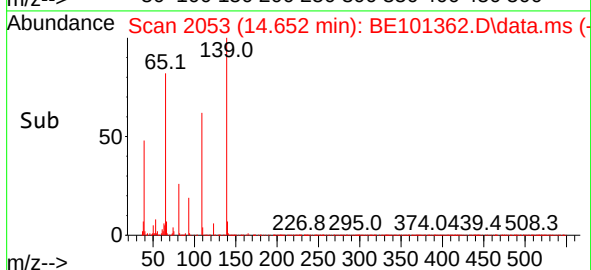
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

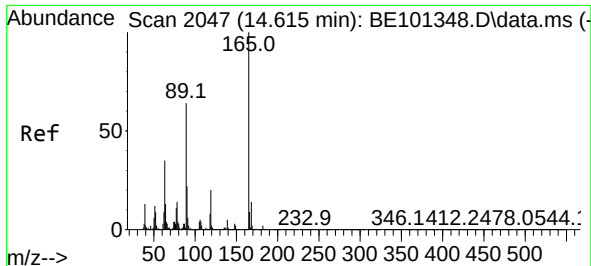


#56
4-Nitrophenol
Concen: 14.978 ng
RT: 14.652 min Scan# 2053
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



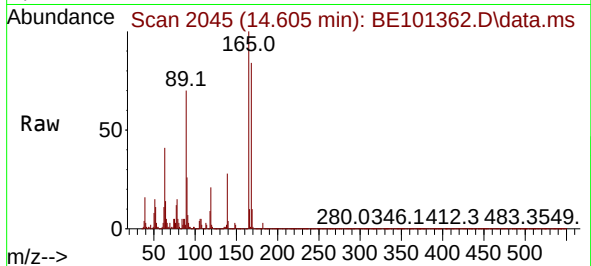
Tgt Ion:139 Resp: 239832
Ion Ratio Lower Upper
139 100
109 62.1 41.9 81.9
65 83.7 63.0 103.0





#57
2,4-Dinitrotoluene
Concen: 8.156 ng
RT: 14.605 min Scan# 2045
Delta R.T. -0.010 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

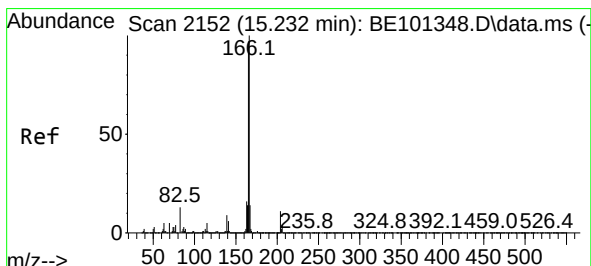
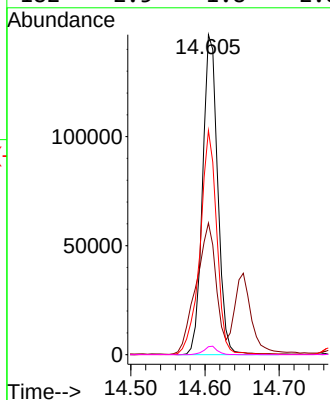
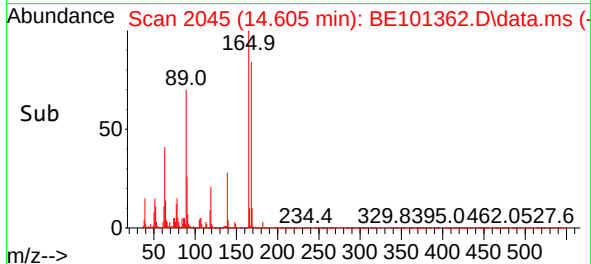
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024



Tgt Ion:165 Resp: 207898
Ion Ratio Lower Upper
165 100
63 41.2 28.4 42.6
89 70.0 51.0 76.4
182 2.5 1.8 2.8

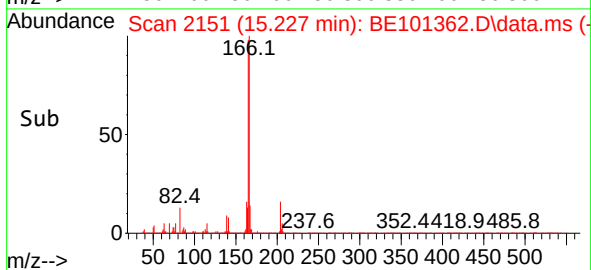
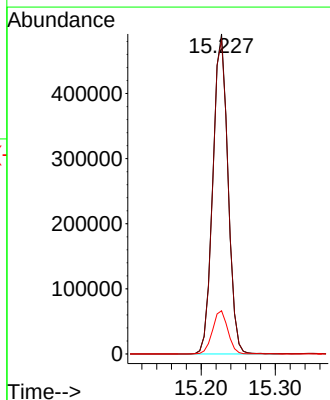
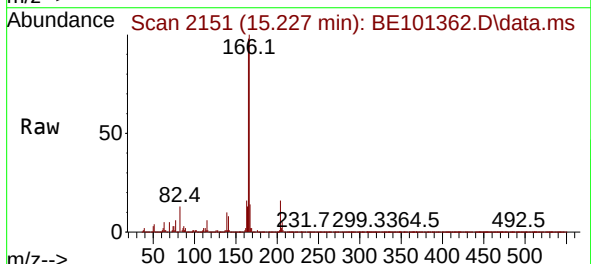
Manual Integrations
APPROVED

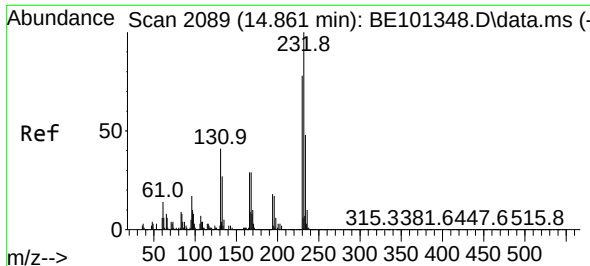
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#58
Fluorene
Concen: 8.571 ng
RT: 15.227 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

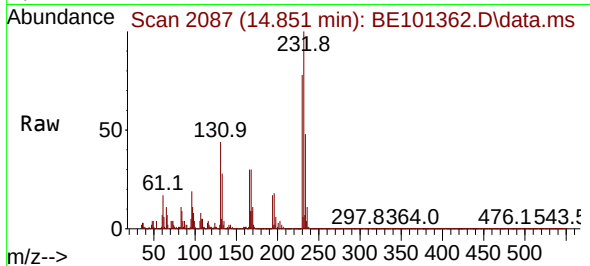
Tgt Ion:166 Resp: 693498
Ion Ratio Lower Upper
166 100
165 98.1 77.8 116.8
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 8.624 ng
RT: 14.851 min Scan# 2087
Delta R.T. -0.010 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

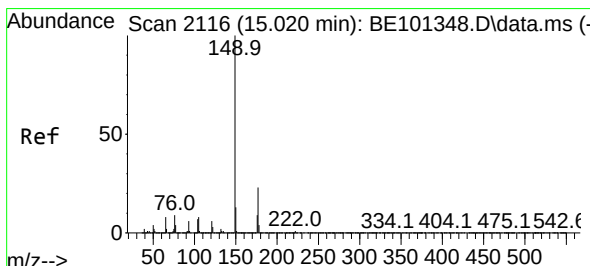
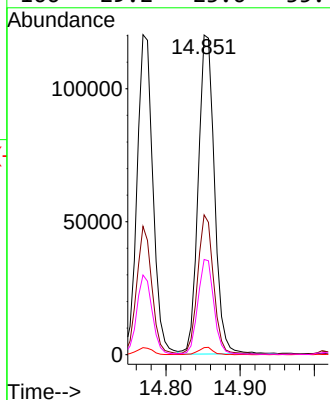
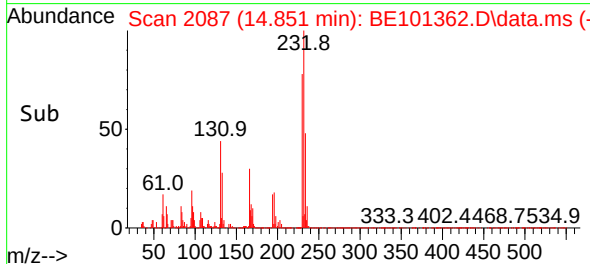
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024



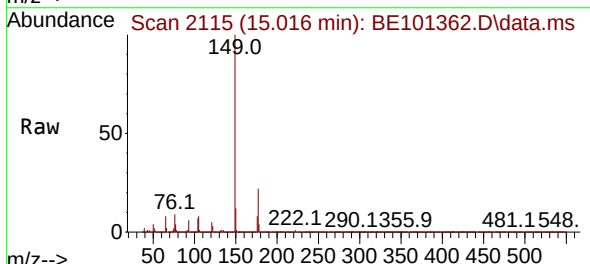
Tgt Ion:232 Resp: 18201
Ion Ratio Lower Upper
232 100
131 42.9 34.2 51.4
130 2.1 1.8 2.6
166 29.2 23.6 35.4

Manual Integrations
APPROVED

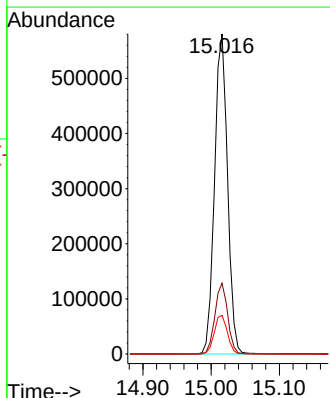
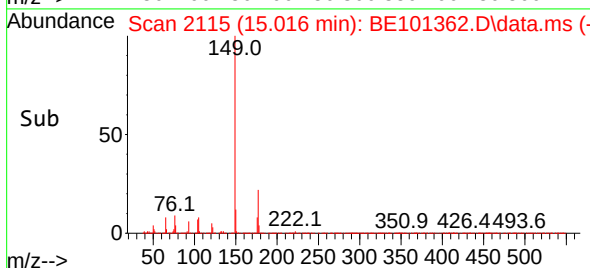
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

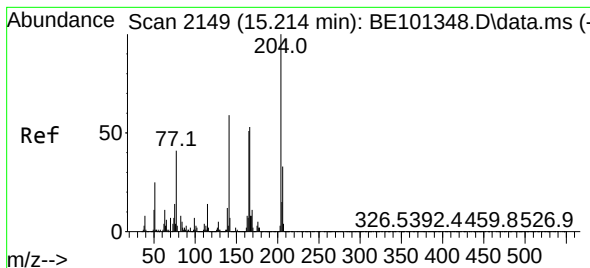


#60
Diethylphthalate
Concen: 8.847 ng
RT: 15.016 min Scan# 2115
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



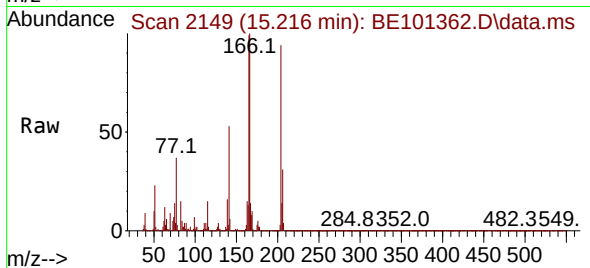
Tgt Ion:149 Resp: 767942
Ion Ratio Lower Upper
149 100
177 22.1 18.4 27.6
150 12.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 8.441 ng
RT: 15.216 min Scan# 2149
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

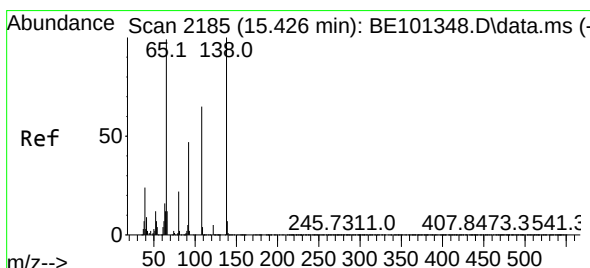
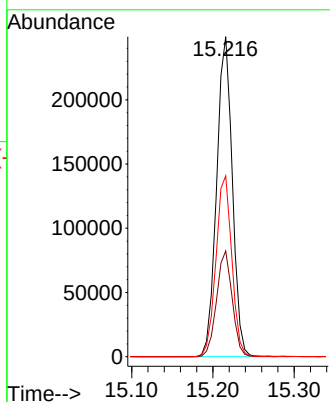
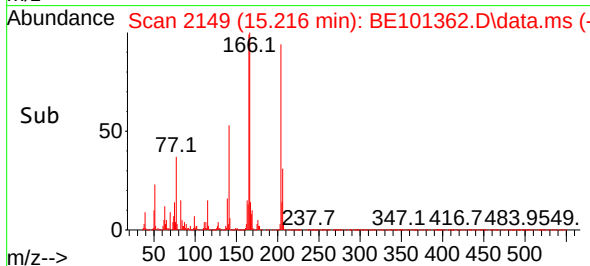
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



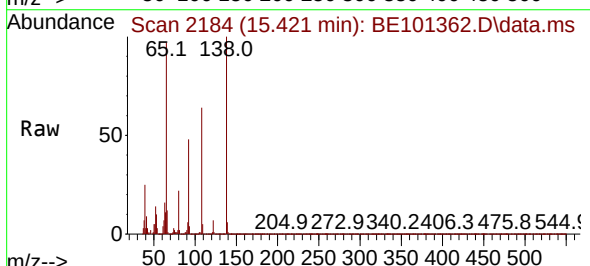
Tgt Ion:204 Resp: 33501
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 56.5 47.2 70.8

Manual Integrations
APPROVED

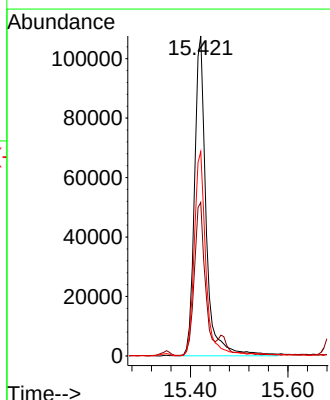
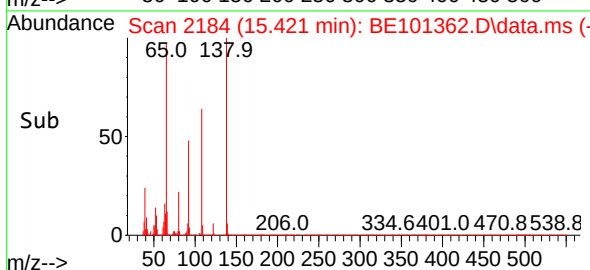
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

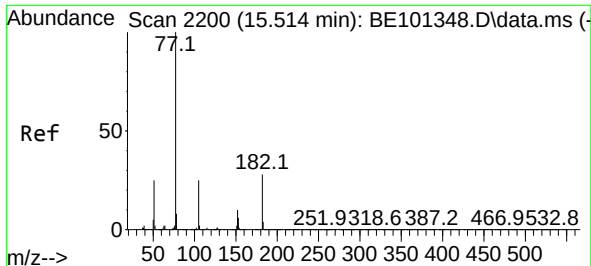


#62
4-Nitroaniline
Concen: 8.910 ng
RT: 15.421 min Scan# 2184
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



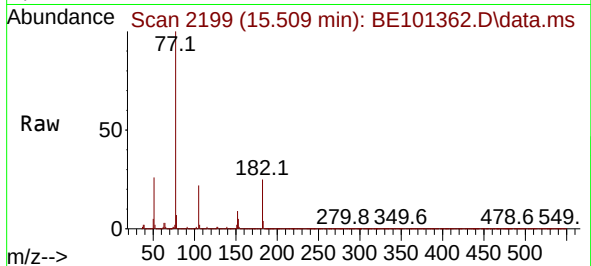
Tgt Ion:138 Resp: 178844
Ion Ratio Lower Upper
138 100
92 47.9 26.8 66.8
108 63.9 44.7 84.7





#63
Azobenzene
Concen: 8.958 ng
RT: 15.509 min Scan# 2199
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

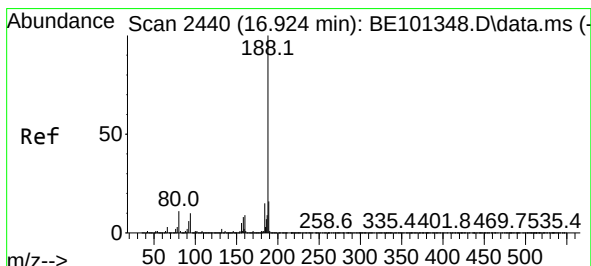
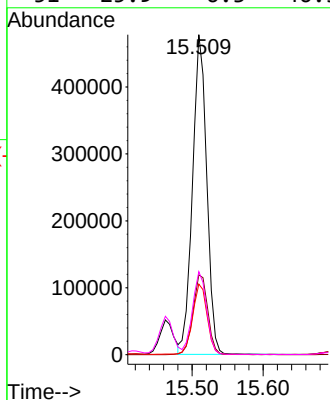
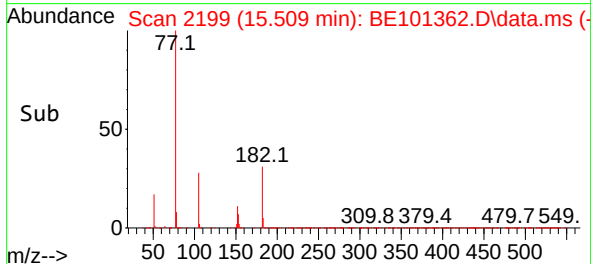
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



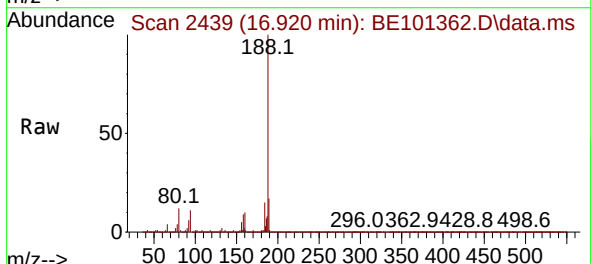
Tgt Ion: 77 Resp: 664509
Ion Ratio Lower Upper
77 100
182 25.0 7.8 47.8
105 22.1 4.3 44.3
51 25.9 6.3 46.3

Manual Integrations
APPROVED

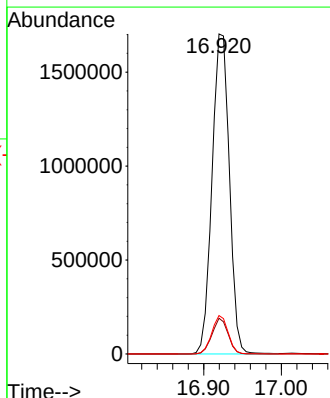
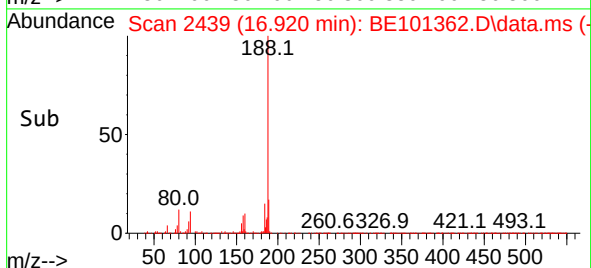
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

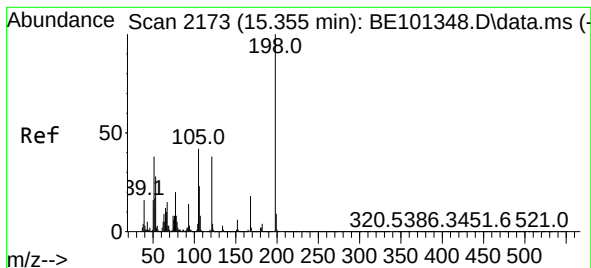


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.920 min Scan# 2439
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11



Tgt Ion:188 Resp: 2643149
Ion Ratio Lower Upper
188 100
94 11.2 8.2 12.2
80 12.0 8.6 13.0





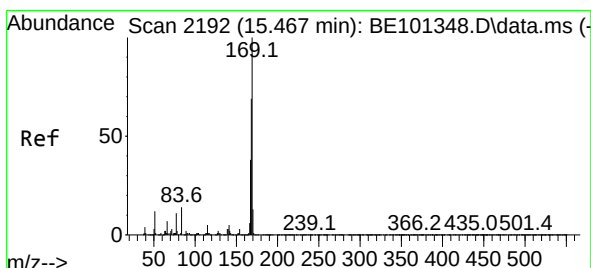
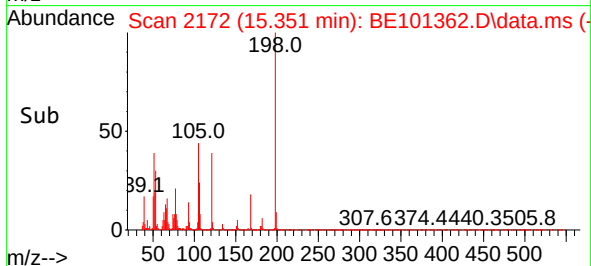
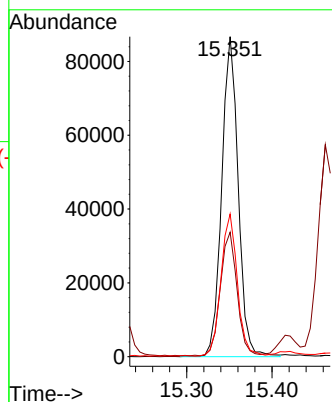
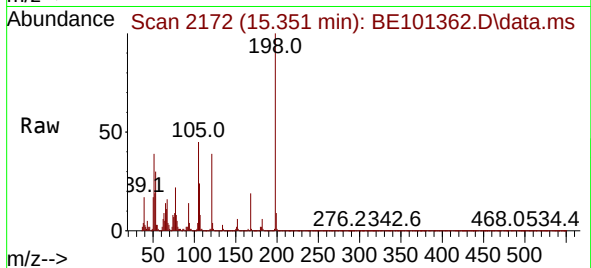
#65
4,6-Dinitro-2-methylphenol
Concen: 7.736 ng
RT: 15.351 min Scan# 2173
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:198 Resp: 11610
Ion Ratio Lower Upper
198 100
51 38.9 18.1 58.1
105 44.6 22.0 62.0

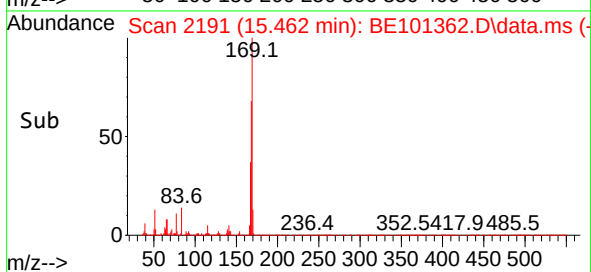
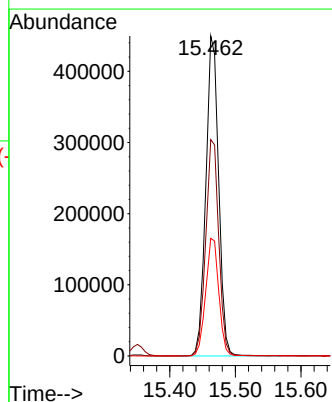
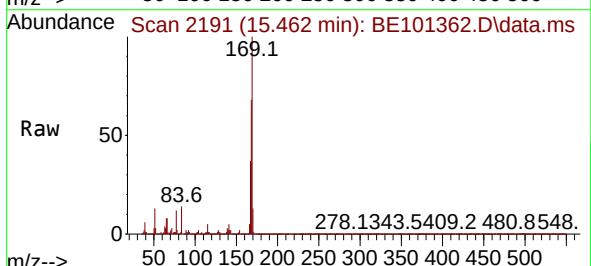
Manual Integrations
APPROVED

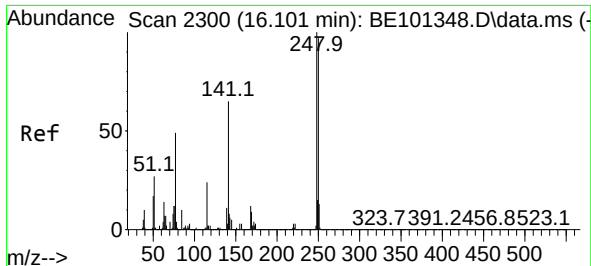
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 8.680 ng
RT: 15.462 min Scan# 2191
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

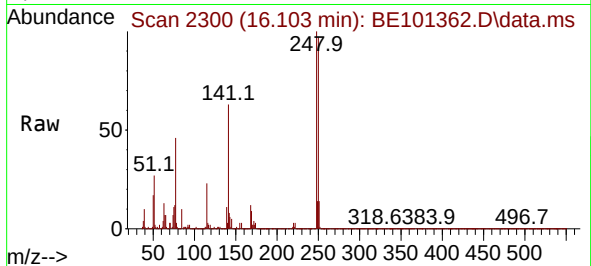
Tgt Ion:169 Resp: 611518
Ion Ratio Lower Upper
169 100
168 67.6 55.1 82.7
167 36.7 30.5 45.7





#67
4-Bromophenyl-phenylether
Concen: 8.467 ng
RT: 16.103 min Scan# 2300
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

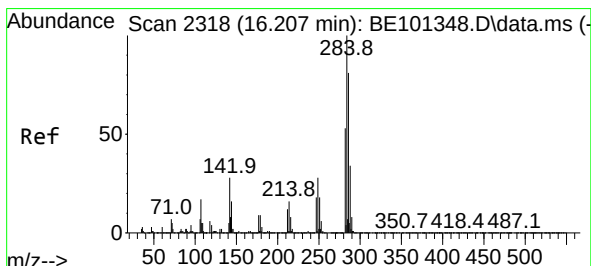
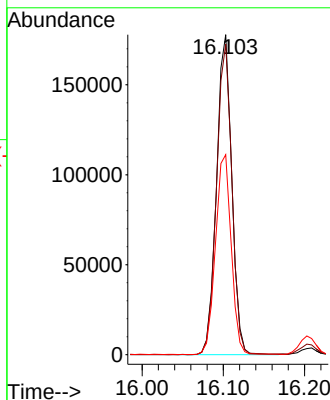
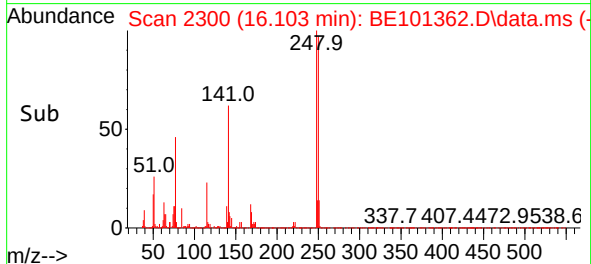
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:248 Resp: 232490
Ion Ratio Lower Upper
248 100
250 97.1 77.7 116.5
141 62.5 51.8 77.8

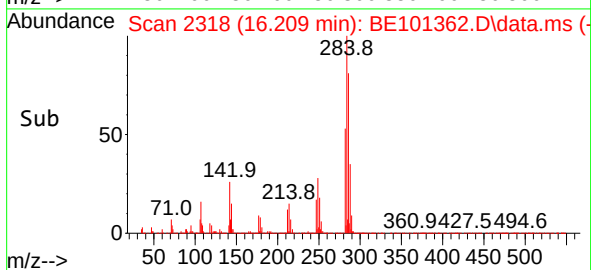
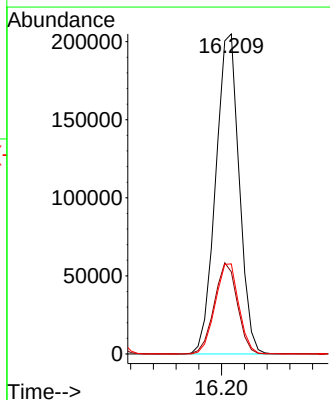
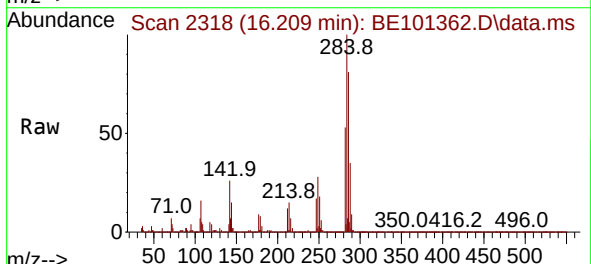
Manual Integrations
APPROVED

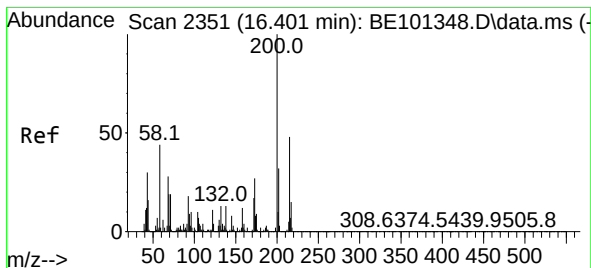
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#68
Hexachlorobenzene
Concen: 8.282 ng
RT: 16.209 min Scan# 2318
Delta R.T. 0.002 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:284 Resp: 293913
Ion Ratio Lower Upper
284 100
142 25.6 22.1 33.1
249 28.2 22.7 34.1





#69

Atrazine

Concen: 10.823 ng

RT: 16.397 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

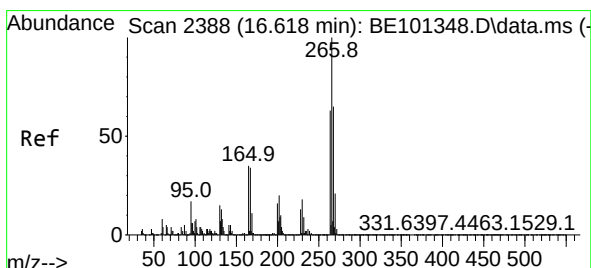
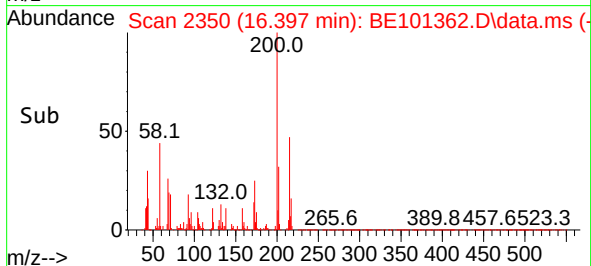
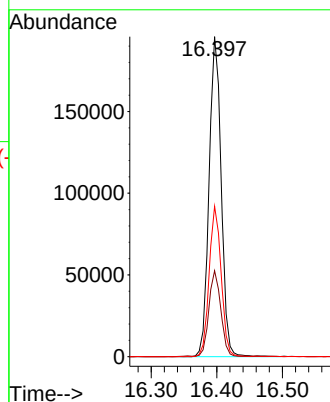
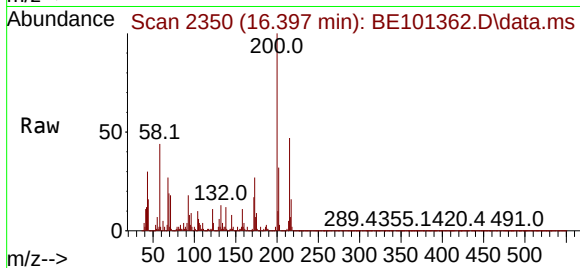
LOQ-WATER-02-QT2-2024

Tgt Ion:200 Resp: 25179
 Ion Ratio Lower Upper
 200 100
 173 26.9 6.9 46.9
 215 47.0 27.8 67.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 14.189 ng

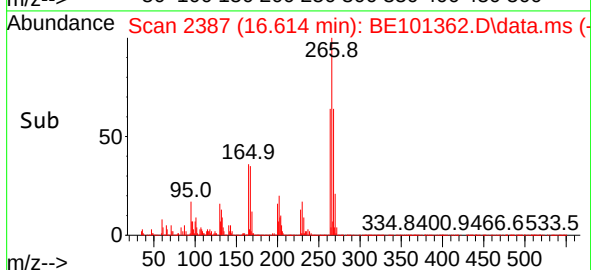
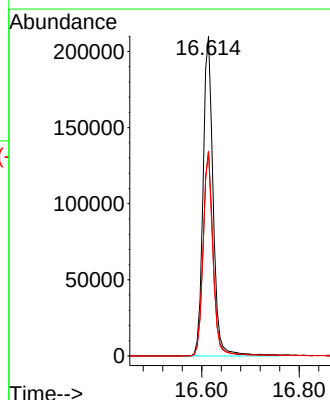
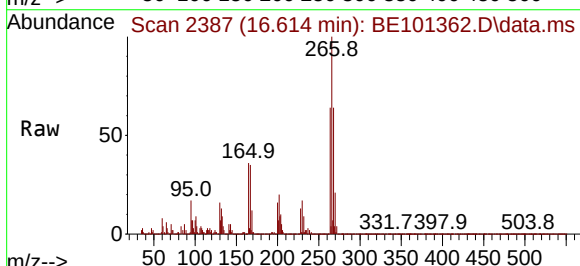
RT: 16.614 min Scan# 2387

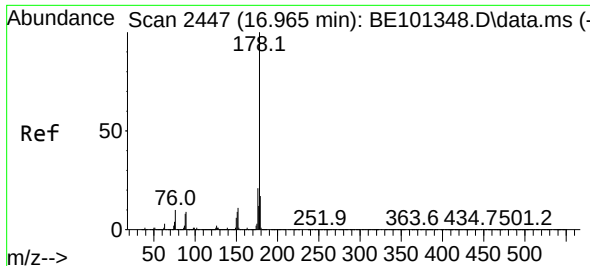
Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion:266 Resp: 300840
 Ion Ratio Lower Upper
 266 100
 268 64.0 52.2 78.4
 264 64.0 50.5 75.7





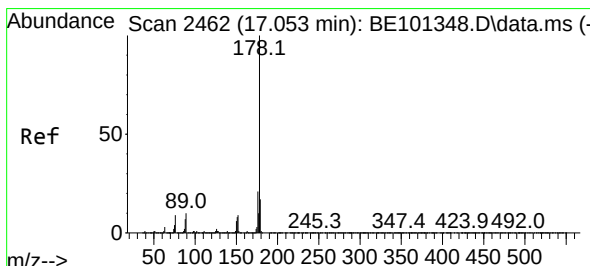
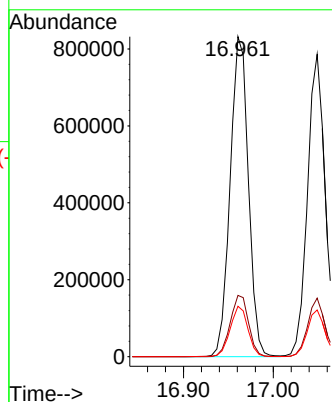
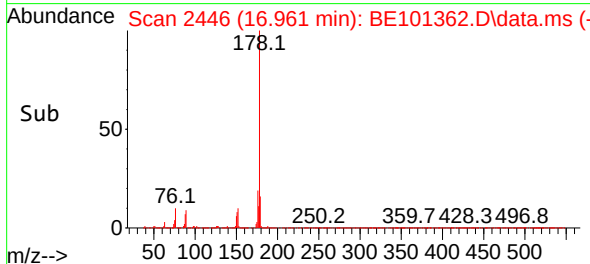
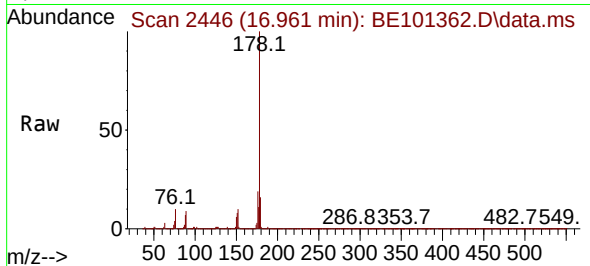
#71
Phenanthrene
Concen: 9.333 ng
RT: 16.961 min Scan# 2446
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:178 Resp: 117156
Ion Ratio Lower Upper
178 100
176 19.1 16.8 25.2
179 15.8 13.3 19.9

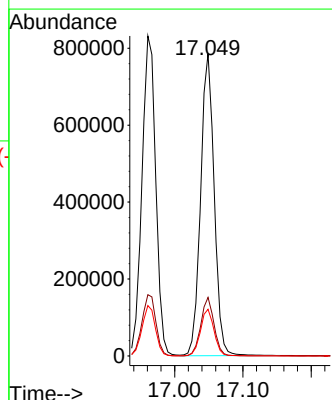
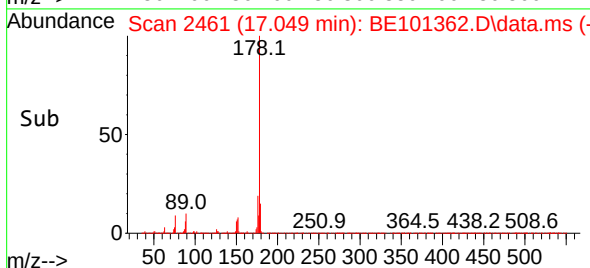
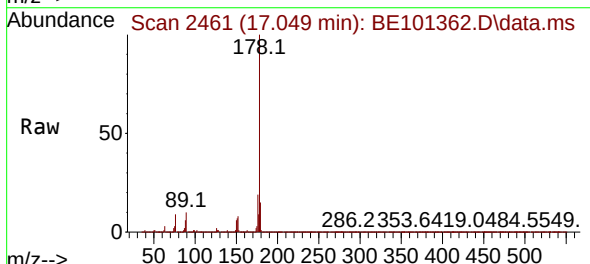
Manual Integrations
APPROVED

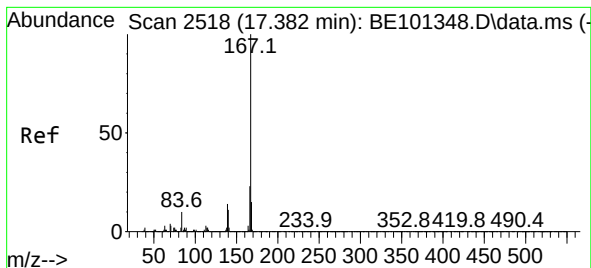
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#72
Anthracene
Concen: 8.880 ng
RT: 17.049 min Scan# 2461
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:178 Resp: 1084718
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.5 13.4 20.0





#73

Carbazole

Concen: 9.172 ng

RT: 17.378 min Scan# 2517

Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

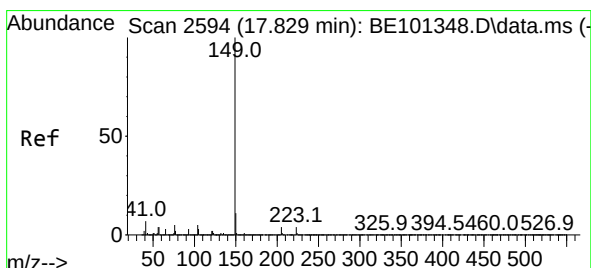
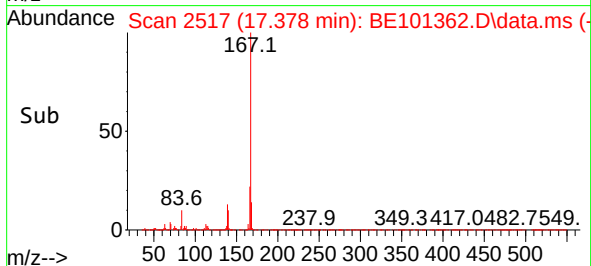
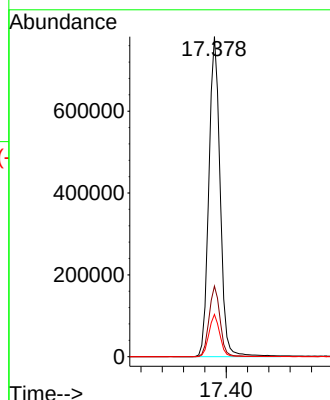
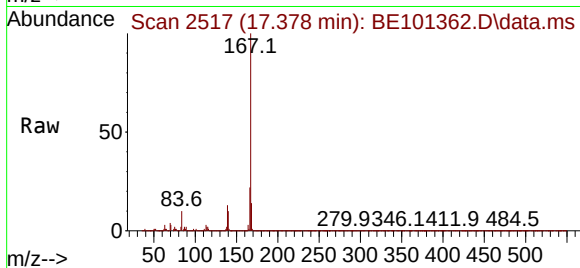
Tgt Ion:167 Resp: 1148159

Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.4	27.6
139	13.2	11.1	16.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#74

Di-n-butylphthalate

Concen: 10.507 ng

RT: 17.830 min Scan# 2594

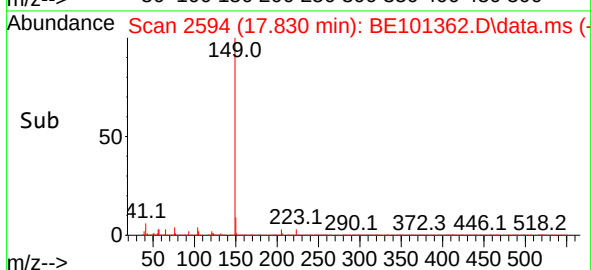
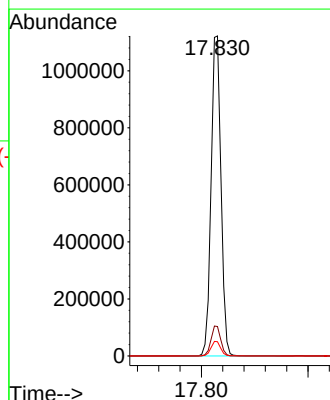
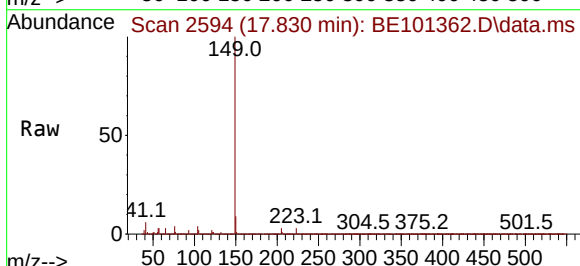
Delta R.T. 0.002 min

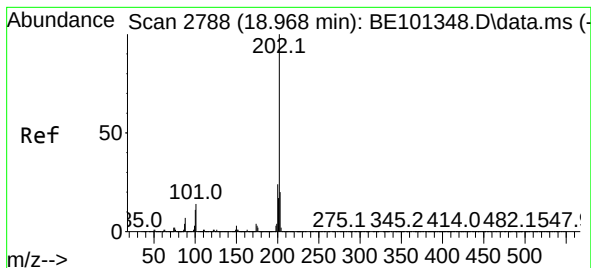
Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion:149 Resp: 1444175

Ion	Ratio	Lower	Upper
149	100		
150	9.2	9.0	13.6
104	4.5	4.4	6.6





#75

Fluoranthene

Concen: 9.697 ng

RT: 18.964 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:202 Resp: 146543

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.2

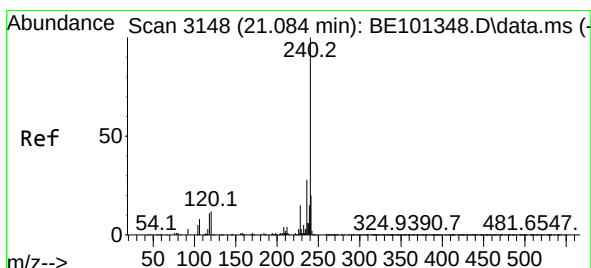
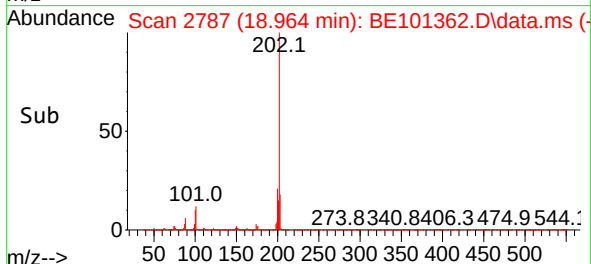
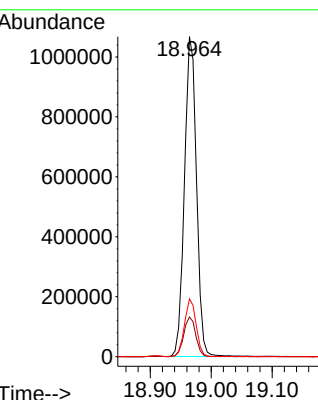
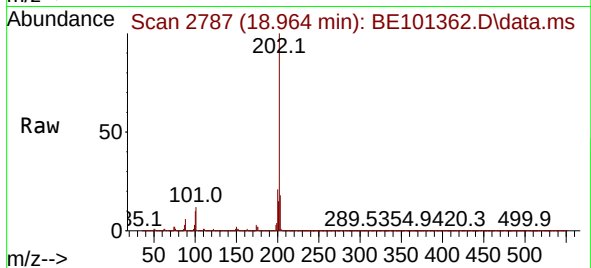
203 18.0 0.4 40.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.085 min Scan# 3148

Delta R.T. 0.002 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

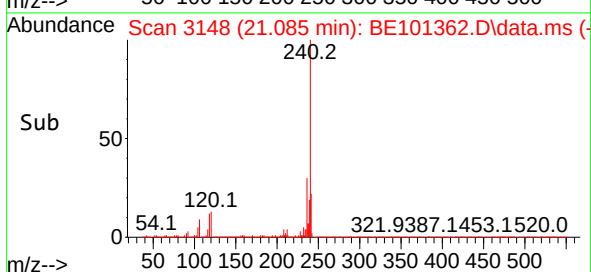
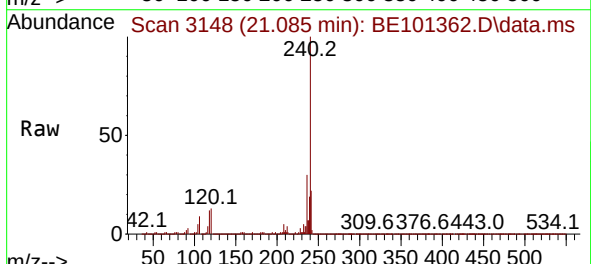
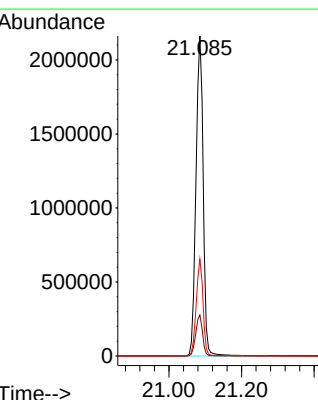
Tgt Ion:240 Resp: 2981757

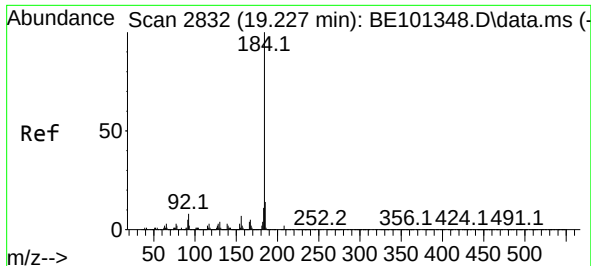
Ion Ratio Lower Upper

240 100

120 12.8 9.8 14.8

236 30.3 22.1 33.1





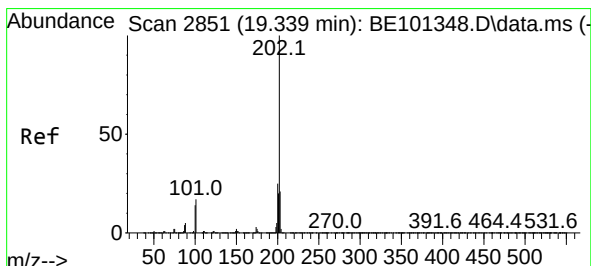
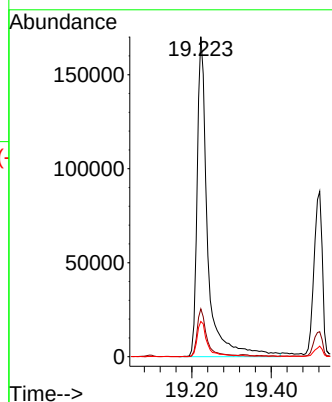
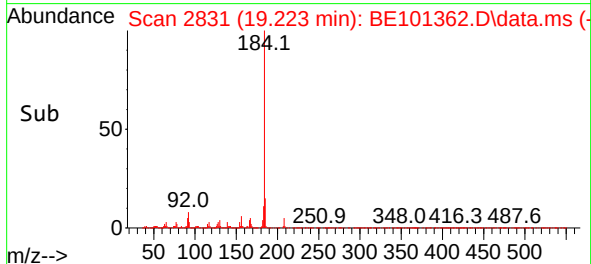
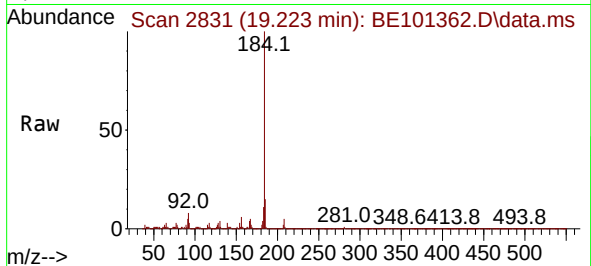
#77
Benzidine
Concen: 6.315 ng
RT: 19.223 min Scan# 2831
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024

Tgt Ion:184 Resp: 312515
Ion Ratio Lower Upper
184 100
185 15.0 11.4 17.2
183 11.0 9.1 13.7

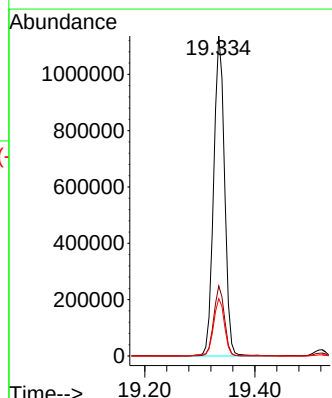
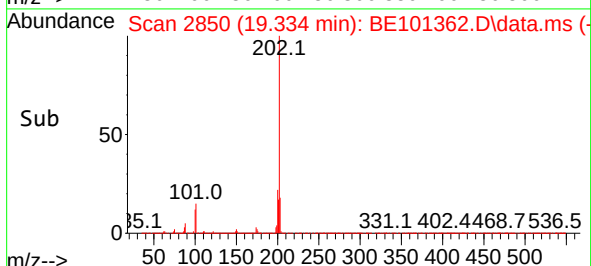
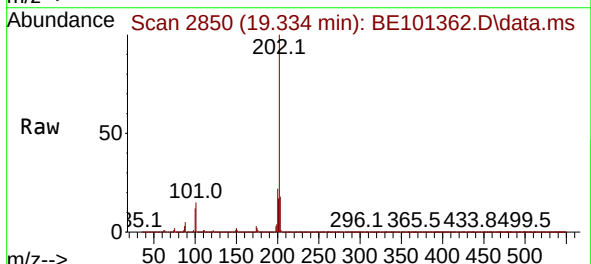
Manual Integrations
APPROVED

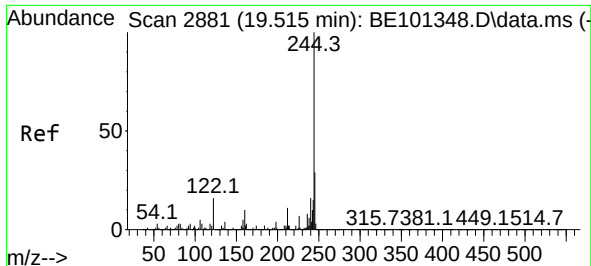
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#78
Pyrene
Concen: 9.437 ng
RT: 19.334 min Scan# 2850
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

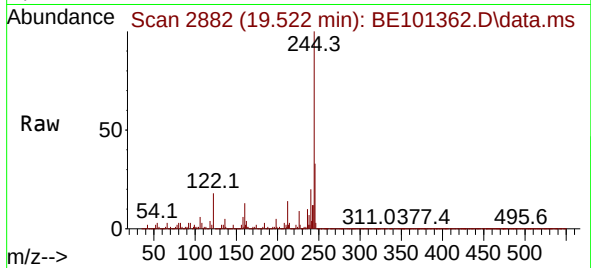
Tgt Ion:202 Resp: 1564997
Ion Ratio Lower Upper
202 100
200 21.9 20.2 30.2
203 17.9 16.6 25.0





#79
 Terphenyl-d14
 Concen: 46.435 ng
 RT: 19.522 min Scan# 2882
 Delta R.T. 0.007 min
 Lab File: BE101362.D
 Acq: 18 Sep 2024 14:11

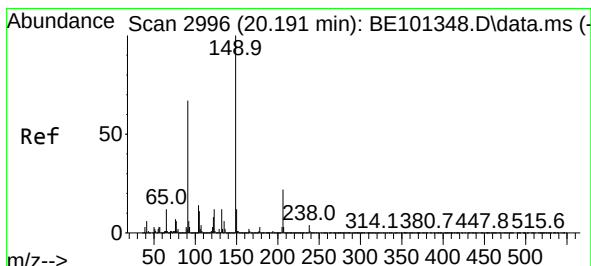
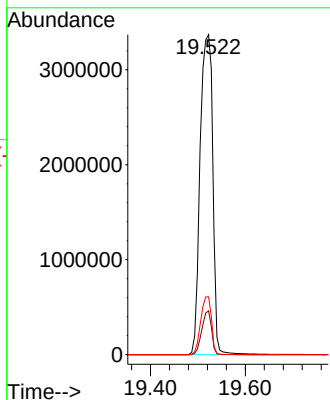
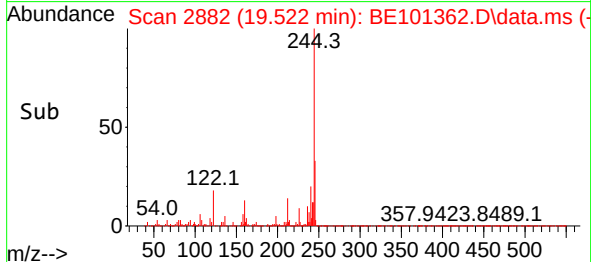
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



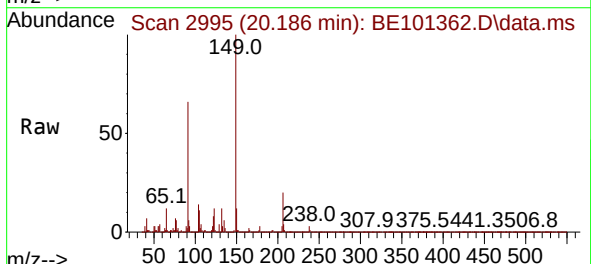
Tgt Ion:244 Resp: 6244319
 Ion Ratio Lower Upper
 244 100
 212 13.7 8.5 12.7
 122 18.1 13.1 19.7

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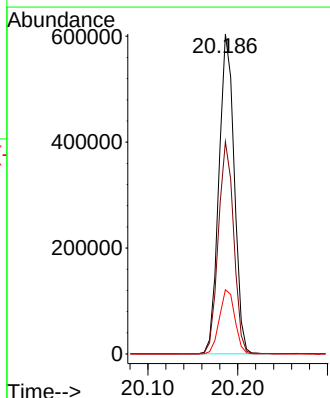
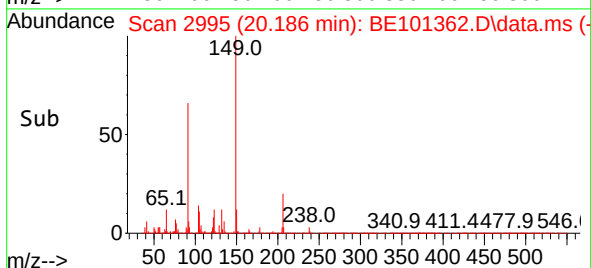
Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

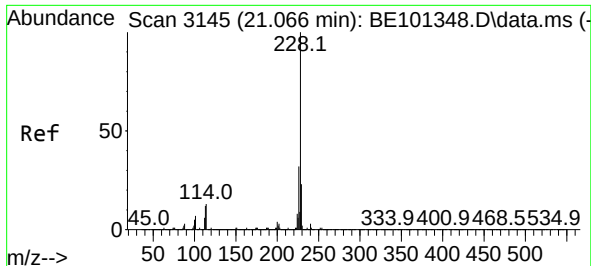


#80
 Butylbenzylphthalate
 Concen: 9.734 ng
 RT: 20.186 min Scan# 2995
 Delta R.T. -0.004 min
 Lab File: BE101362.D
 Acq: 18 Sep 2024 14:11



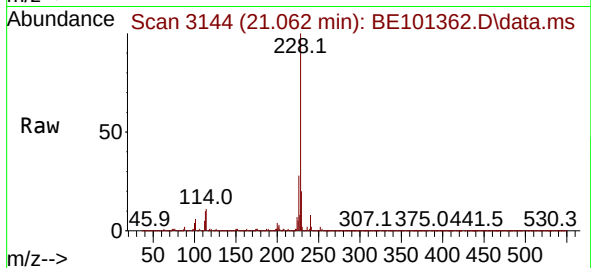
Tgt Ion:149 Resp: 714599
 Ion Ratio Lower Upper
 149 100
 91 66.4 53.4 80.2
 206 20.0 17.4 26.0





#81
Benzo(a)anthracene
Concen: 10.027 ng
RT: 21.062 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

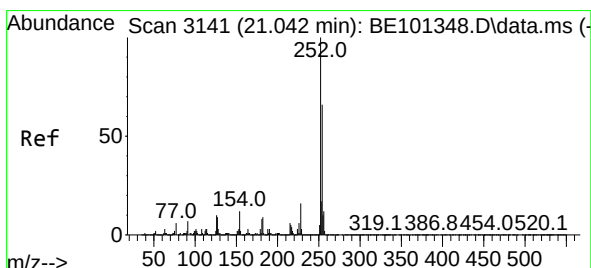
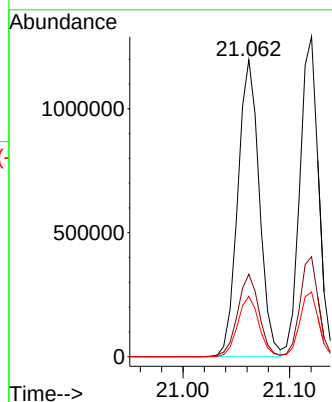
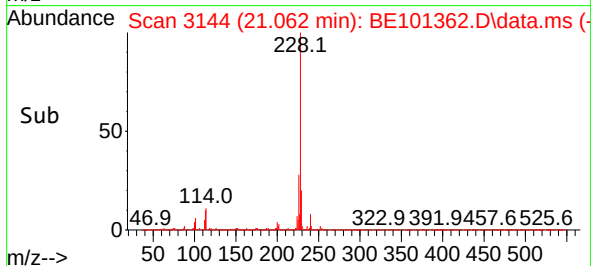
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:228 Resp: 1679028
Ion Ratio Lower Upper
228 100
226 27.8 25.7 38.5
229 20.3 18.6 28.0

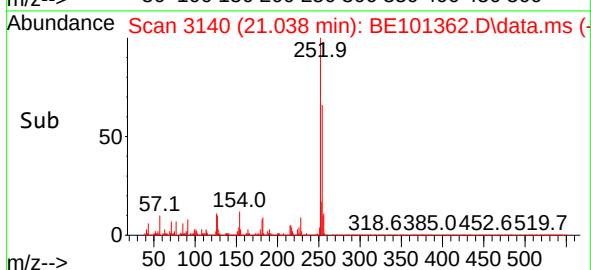
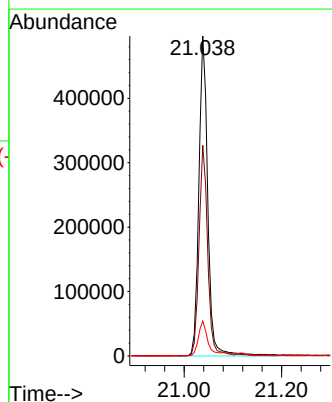
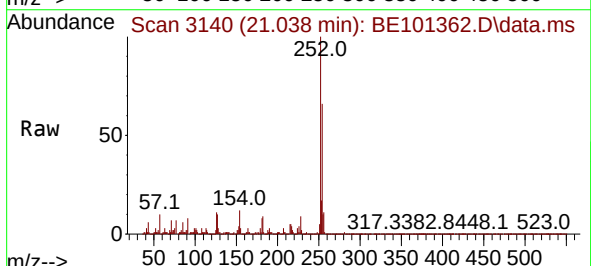
Manual Integrations
APPROVED

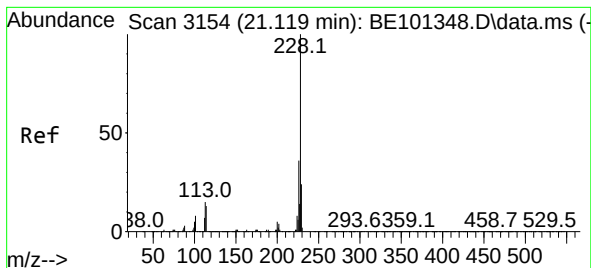
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#82
3,3'-Dichlorobenzidine
Concen: 9.677 ng
RT: 21.038 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:252 Resp: 634942
Ion Ratio Lower Upper
252 100
254 65.8 52.5 78.7
126 10.9 8.0 12.0





#83

Chrysene

Concen: 9.916 ng

RT: 21.120 min Scan# 3154

Delta R.T. 0.002 min

Lab File: BE101362.D

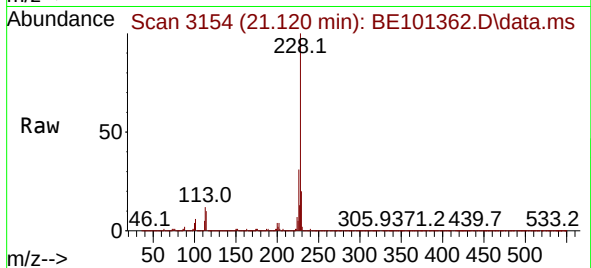
Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024



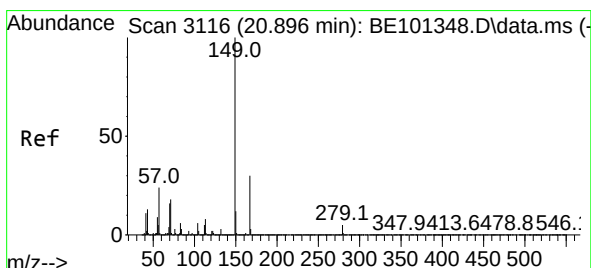
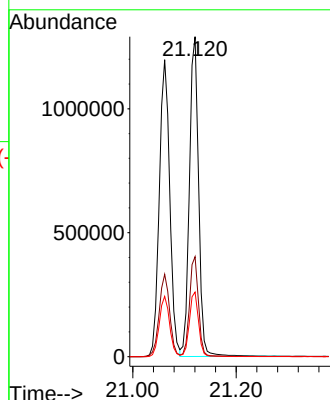
Tgt Ion: 228 Resp: 1595104

Ion	Ratio	Lower	Upper
228	100		
226	31.3	28.4	42.6
229	20.2	19.0	28.4

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.570 ng

RT: 20.891 min Scan# 3115

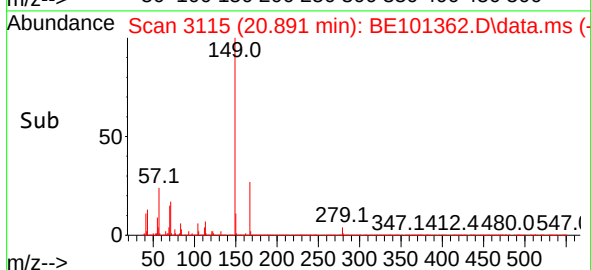
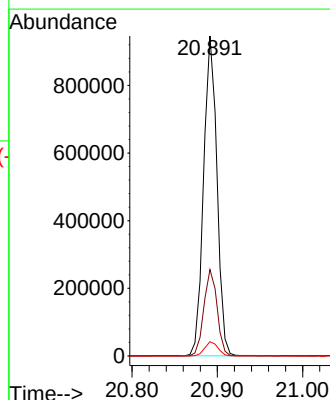
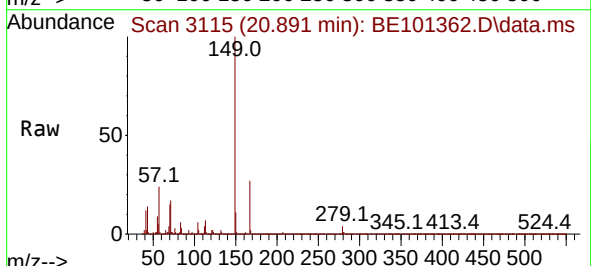
Delta R.T. -0.004 min

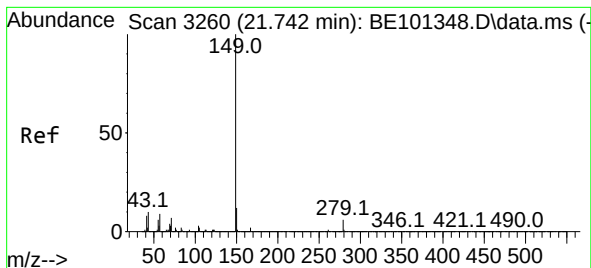
Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion: 149 Resp: 1026215

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.9	35.9
279	4.4	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 10.848 ng

RT: 21.743 min Scan# 31

Delta R.T. 0.002 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

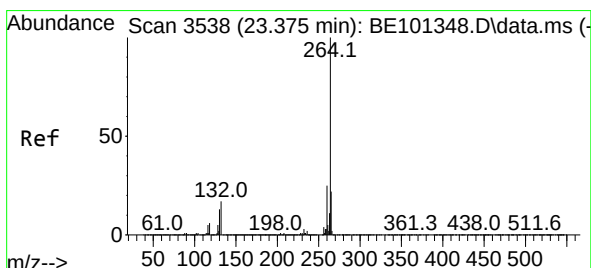
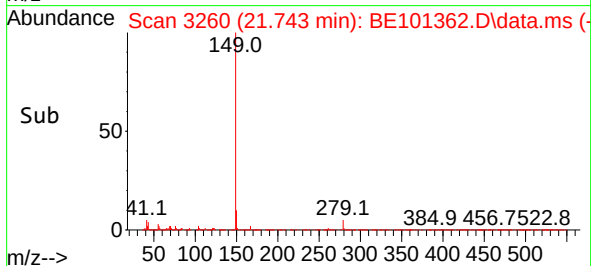
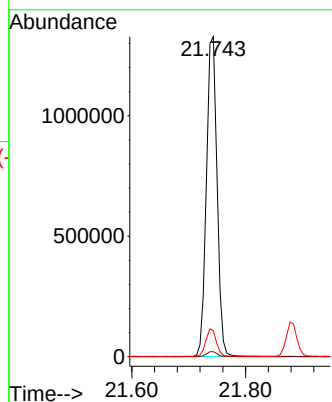
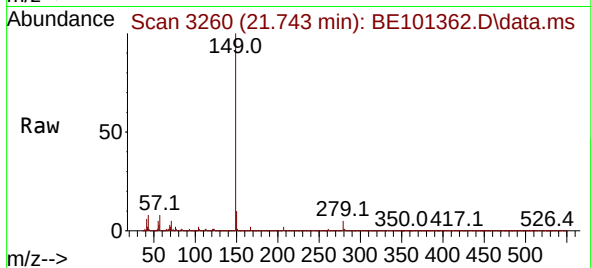
Tgt Ion:149 Resp: 1719130

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	8.6	7.4	11.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.377 min Scan# 3538

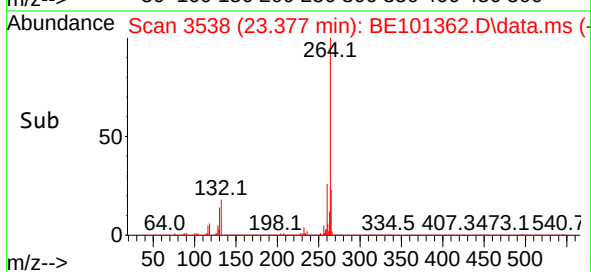
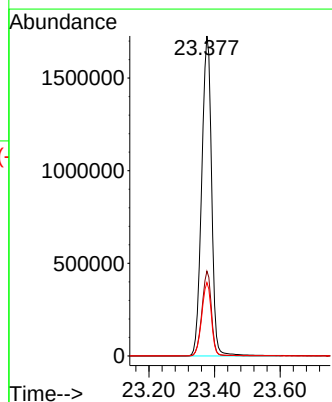
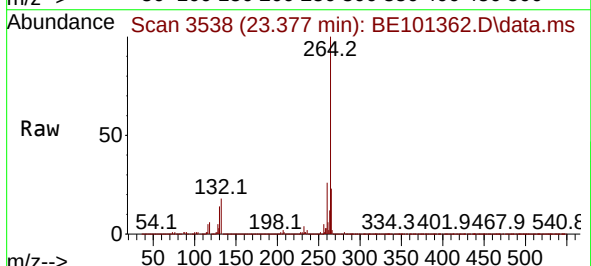
Delta R.T. 0.002 min

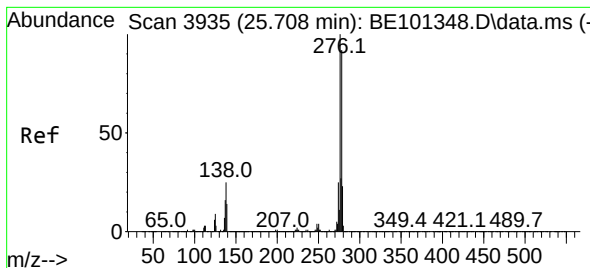
Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion:264 Resp: 3639622

Ion	Ratio	Lower	Upper
264	100		
260	26.5	19.8	29.6
265	23.0	17.8	26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.705 ng

RT: 25.692 min Scan# 3935

Delta R.T. -0.016 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:276 Resp: 2327120

Ion Ratio Lower Upper

276 100

138 23.1 19.2 28.8

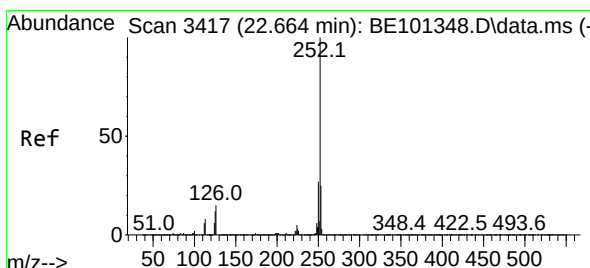
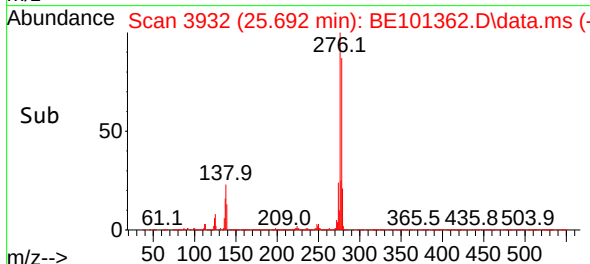
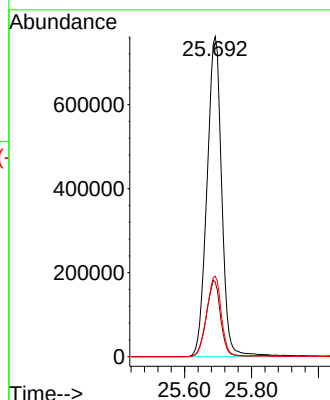
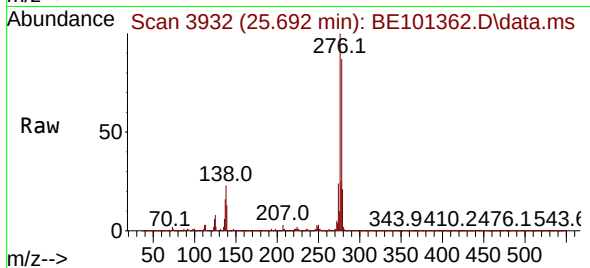
277 25.0 20.8 31.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#88

Benzo(b)fluoranthene

Concen: 9.717 ng

RT: 22.660 min Scan# 3416

Delta R.T. -0.004 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

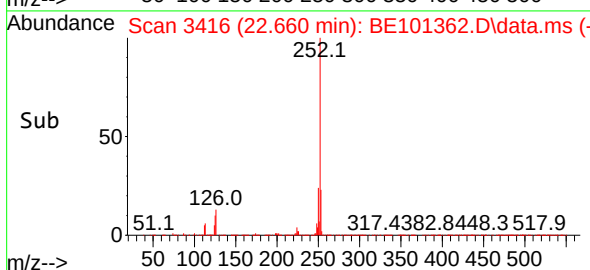
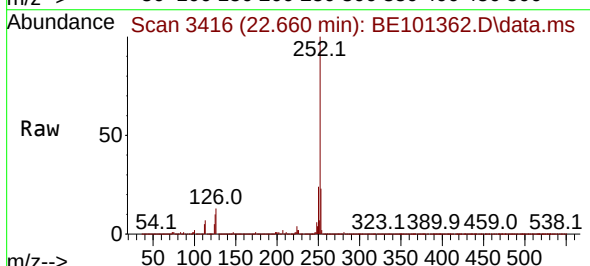
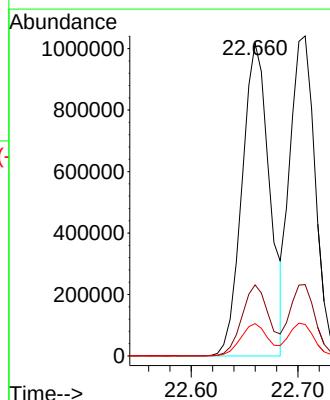
Tgt Ion:252 Resp: 1831590

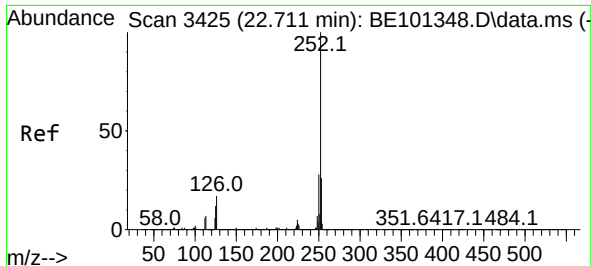
Ion Ratio Lower Upper

252 100

253 22.7 20.2 30.2

125 10.4 9.4 14.0





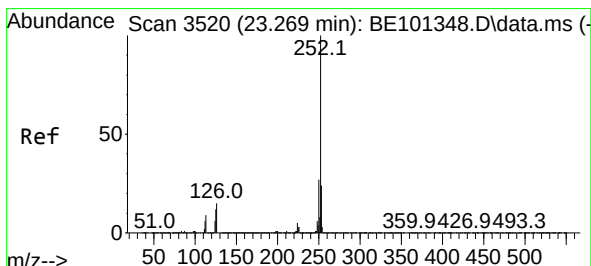
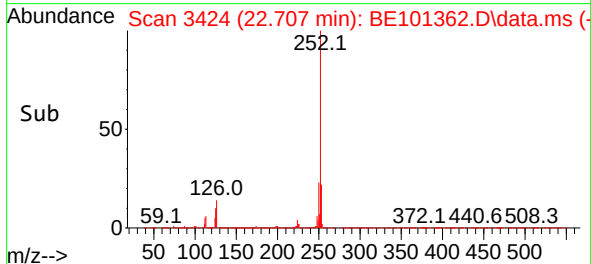
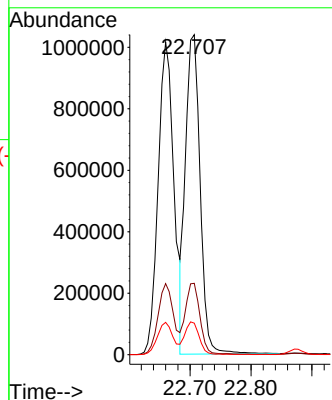
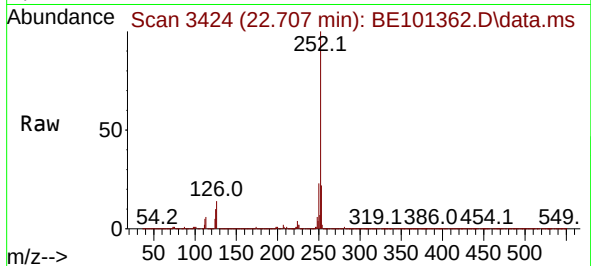
#89
Benzo(k)fluoranthene
Concen: 9.743 ng
RT: 22.707 min Scan# 3425
Delta R.T. -0.004 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024

Tgt Ion:252 Resp: 1733374
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.4
125 9.8 9.4 14.0

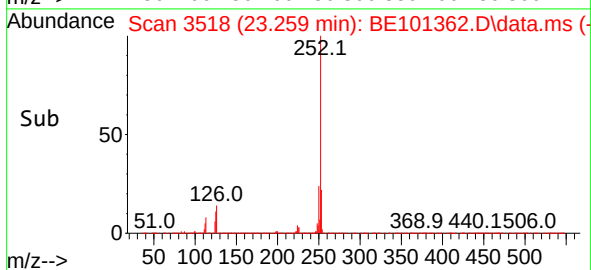
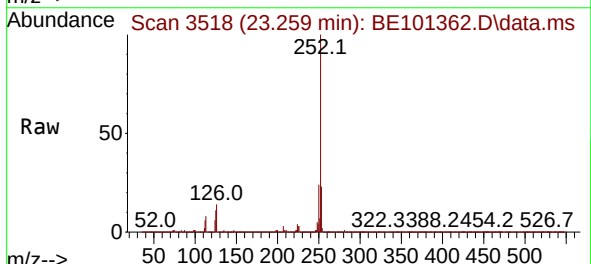
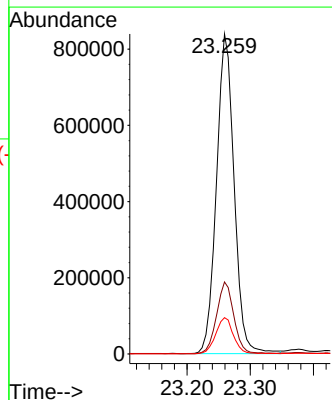
Manual Integrations
APPROVED

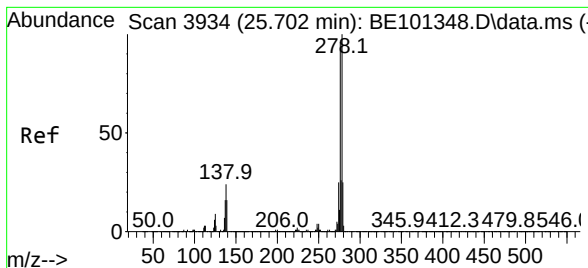
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#90
Benzo(a)pyrene
Concen: 9.785 ng
RT: 23.259 min Scan# 3518
Delta R.T. -0.010 min
Lab File: BE101362.D
Acq: 18 Sep 2024 14:11

Tgt Ion:252 Resp: 1627823
Ion Ratio Lower Upper
252 100
253 22.5 19.0 28.6
125 11.4 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 9.720 ng

RT: 25.686 min Scan# 3934

Delta R.T. -0.016 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

Tgt Ion:278 Resp: 195135

Ion Ratio Lower Upper

278 100

139 14.9 12.4 18.6

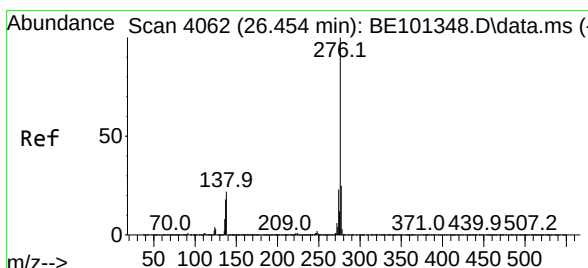
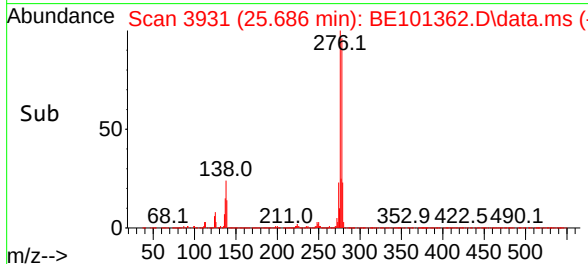
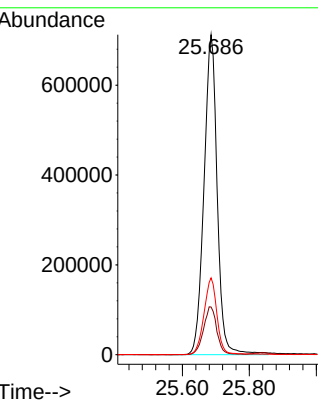
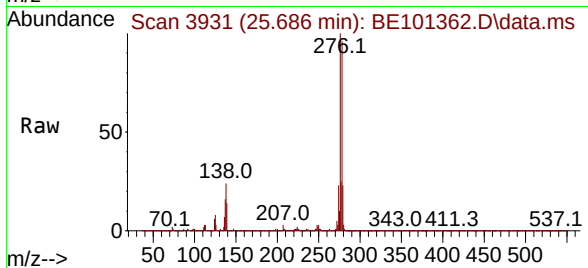
279 24.0 19.8 29.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#92

Benzo(g,h,i)perylene

Concen: 8.903 ng

RT: 26.438 min Scan# 4059

Delta R.T. -0.016 min

Lab File: BE101362.D

Acq: 18 Sep 2024 14:11

Tgt Ion:276 Resp: 1814744

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 19.9 17.4 26.0

