

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
 Data File : BE101358.D
 Acq On : 18 Sep 2024 11:45
 Operator : RC/JU
 Sample : P2403-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Sep 18 13:17:09 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	7.575	152	186787	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	925321	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	676823	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1645939	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1937507	20.000	ng	0.00
86) Perylene-d12	23.374	264	2336063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	1048240	98.122	ng	0.00
7) Phenol-d6	6.952	99	1449684	95.724	ng	0.00
23) Nitrobenzene-d5	8.785	82	1123074	76.947	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	1209304	106.229	ng	0.00
45) 2-Fluorobiphenyl	12.810	172	3038194	77.571	ng	0.00
79) Terphenyl-d14	19.520	244	5135227	58.769	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.227	88	22564	5.547	ng	98
3) Pyridine	3.809	79	45045m	3.844	ng	
4) n-Nitrosodimethylamine	3.644	42	23274m	5.528	ng	
6) Aniline	7.023	93	82806	6.517	ng	99
8) 2-Chlorophenol	7.217	128	68231	5.315	ng	96
9) Benzaldehyde	6.794	77	50945	7.319	ng	98
10) Phenol	6.976	94	88568	5.321	ng	91
11) bis(2-Chloroethyl)ether	7.046	93	73516m	5.218	ng	
12) 1,3-Dichlorobenzene	7.463	146	73249	5.309	ng	99
13) 1,4-Dichlorobenzene	7.610	146	75289	5.356	ng	96
14) 1,2-Dichlorobenzene	7.939	146	73557	5.281	ng	98
15) Benzyl Alcohol	7.922	79	52083	5.776	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.074	45	101101	5.694	ng	97
17) 2-Methylphenol	8.163	107	50023	4.535	ng	99
18) Hexachloroethane	8.633	117	23346	5.078	ng	97
19) n-Nitroso-di-n-propyla...	8.380	70	54054	5.057	ng	97
20) 3+4-Methylphenols	8.497	107	68767	4.431	ng	97
22) Acetophenone	8.433	105	113837	5.305	ng	# 98
24) Nitrobenzene	8.826	77	82978	5.325	ng	97
25) Isophorone	9.279	82	155765	5.213	ng	100
26) 2-Nitrophenol	9.514	139	34111	4.638	ng	93
27) 2,4-Dimethylphenol	9.631	122	48346m	5.121	ng	
28) bis(2-Chloroethoxy)met...	9.784	93	97278	5.382	ng	98
29) 2,4-Dichlorophenol	10.066	162	62897	4.865	ng	97
30) 1,2,4-Trichlorobenzene	10.190	180	75194	5.381	ng	99
31) Naphthalene	10.389	128	251493	5.387	ng	100
32) Benzoic acid	9.819	122	16732	8.752	ng	96
33) 4-Chloroaniline	10.624	127	93241	5.220	ng	98
34) Hexachlorobutadiene	10.642	225	41825	5.152	ng	99
35) Caprolactam	11.406	113	23268m	4.455	ng	
36) 4-Chloro-3-methylphenol	11.788	107	71931	4.709	ng	97
37) 2-Methylnaphthalene	11.982	142	180696	5.292	ng	100
38) 1-Methylnaphthalene	12.211	142	171223	4.998	ng	98
40) 1,2,4,5-Tetrachloroben...	12.340	216	88455	5.425	ng	99
41) Hexachlorocyclopentadiene	12.322	237	14777	2.758	ng	97
43) 2,4,6-Trichlorophenol	12.657	196	56080	4.857	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	63837	4.900	ng	97
46) 1,1'-Biphenyl	13.010	154	262444	5.722	ng	100
47) 2-Chloronaphthalene	13.057	162	192760	5.343	ng	96
48) 2-Nitroaniline	13.392	65	40975	4.221	ng	99
49) Acenaphthylene	13.915	152	314153	5.836	ng	98
50) Dimethylphthalate	13.685	163	274209	5.615	ng	98
51) 2,6-Dinitrotoluene	13.821	165	49832	4.559	ng	95
52) Acenaphthene	14.244	154	191288	5.390	ng	95
53) 3-Nitroaniline	14.232	138	49499	4.403	ng	96
54) 2,4-Dinitrophenol	14.367	184	21753	3.343	ng	90
55) Dibenzofuran	14.590	168	320347	5.715	ng	97
56) 4-Nitrophenol	14.649	139	41364	4.425	ng	96
57) 2,4-Dinitrotoluene	14.608	165	64524	4.337	ng	92
58) Fluorene	15.225	166	261900	5.545	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.855	232	63720	5.172	ng	99
60) Diethylphthalate	15.013	149	286566	5.656	ng	99
61) 4-Chlorophenyl-phenyle...	15.213	204	126716	5.470	ng	95
62) 4-Nitroaniline	15.419	138	53396	4.557	ng	96
63) Azobenzene	15.507	77	244291	5.642	ng	97
65) 4,6-Dinitro-2-methylph...	15.348	198	32217	3.447	ng	94
66) n-Nitrosodiphenylamine	15.460	169	231989	5.288	ng	98
67) 4-Bromophenyl-phenylether	16.100	248	87254	5.103	ng	99
68) Hexachlorobenzene	16.206	284	110842	5.016	ng	98
69) Atrazine	16.394	200	90741	6.263	ng	97
70) Pentachlorophenol	16.611	266	53476	4.050	ng	98
71) Phenanthrene	16.958	178	455442	5.826	ng	97
72) Anthracene	17.046	178	410177	5.392	ng	97
73) Carbazole	17.375	167	434206	5.570	ng	97
74) Di-n-butylphthalate	17.828	149	530368	6.196	ng	95
75) Fluoranthene	18.968	202	574443	6.104	ng	94
77) Benzidine	19.226	184	93605	2.911	ng	100
78) Pyrene	19.332	202	617502	5.730	ng	93
80) Butylbenzylphthalate	20.190	149	271763	5.697	ng	98
81) Benzo(a)anthracene	21.059	228	665659	6.118	ng	92
82) 3,3'-Dichlorobenzidine	21.042	252	223506	5.242	ng	98
83) Chrysene	21.118	228	647116	6.191	ng	90
84) Bis(2-ethylhexyl)phtha...	20.889	149	377430	5.983	ng #	93
85) Di-n-octyl phthalate	21.741	149	631653	6.134	ng	99
87) Indeno(1,2,3-cd)pyrene	25.683	276	890100	5.783	ng	98
88) Benzo(b)fluoranthene	22.657	252	713152	5.894	ng	95
89) Benzo(k)fluoranthene	22.704	252	690312	6.045	ng	95
90) Benzo(a)pyrene	23.257	252	631672	5.916	ng	96
91) Dibenzo(a,h)anthracene	25.677	278	738406	5.731	ng	98
92) Benzo(g,h,i)perylene	26.429	276	686547	5.247	ng	96

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

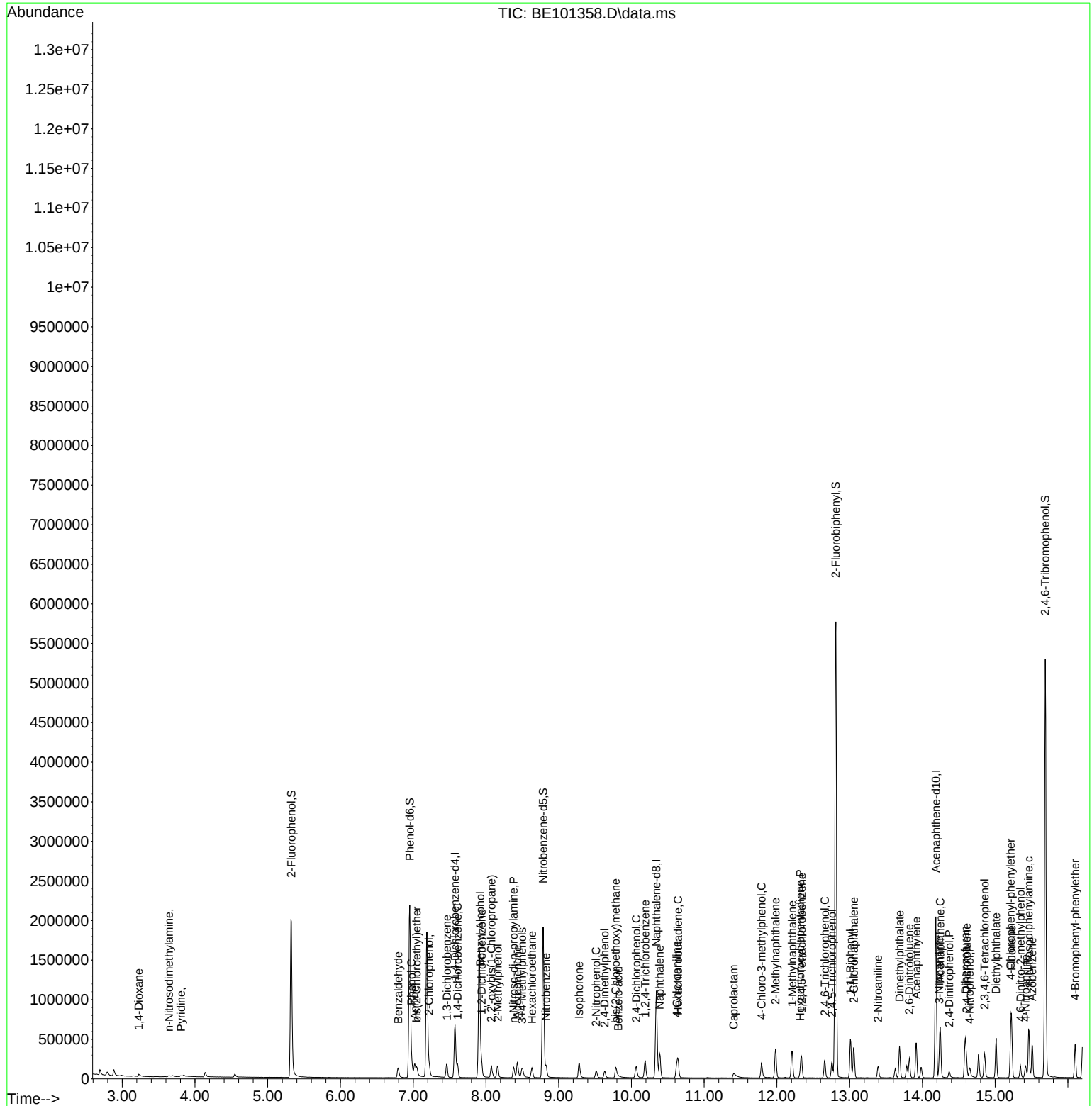
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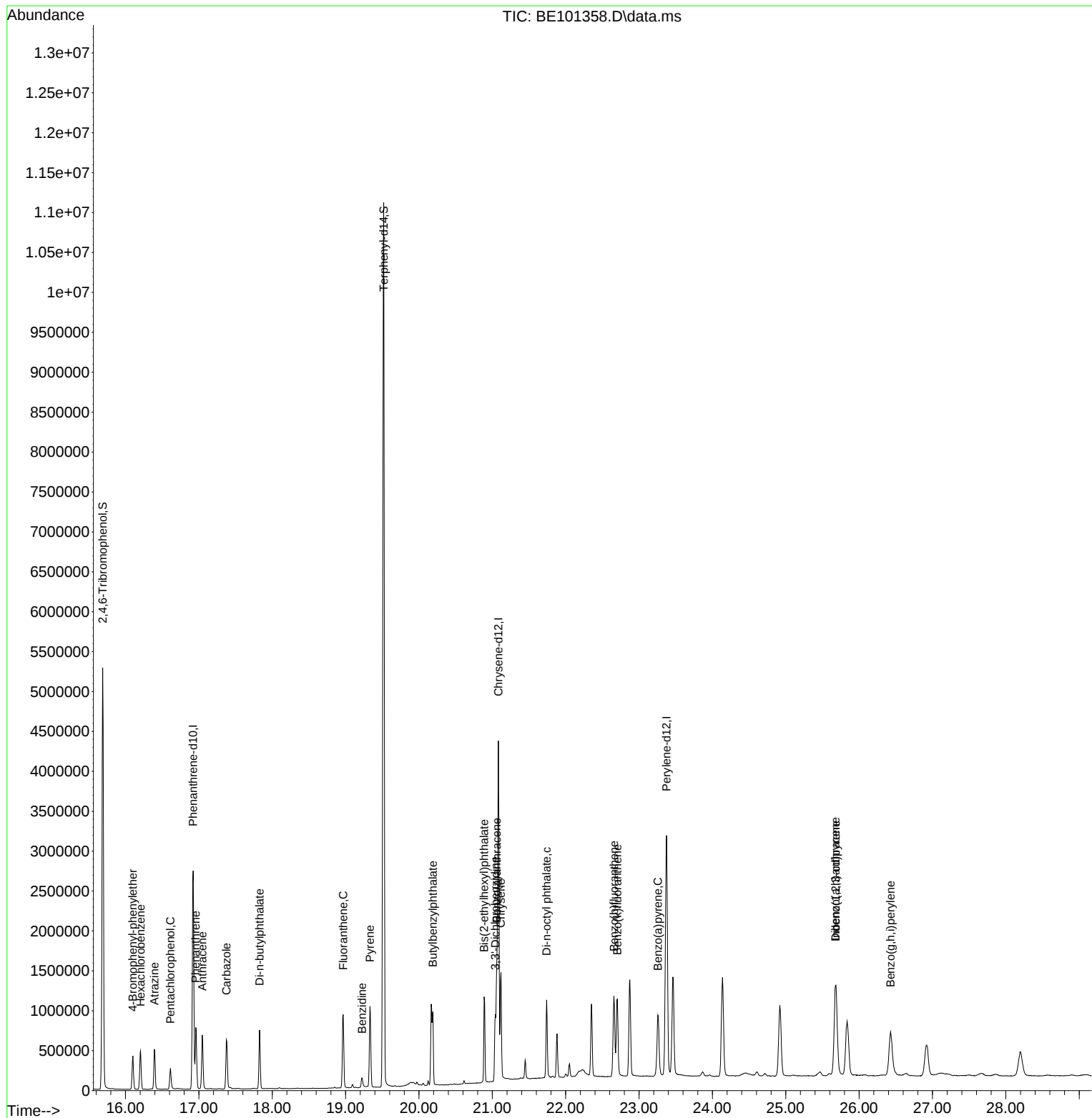
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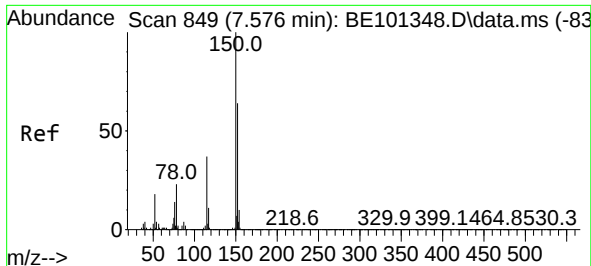
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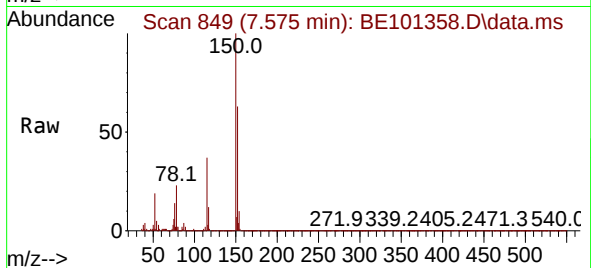
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 849
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

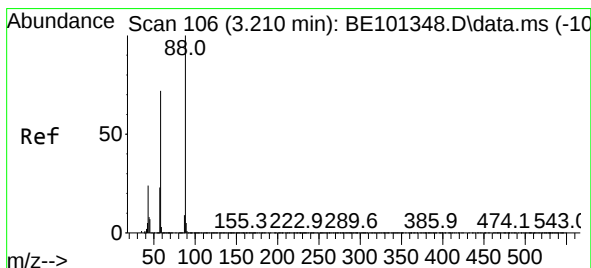
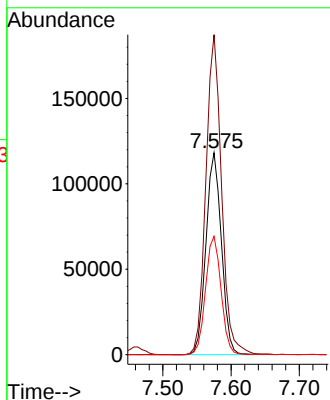
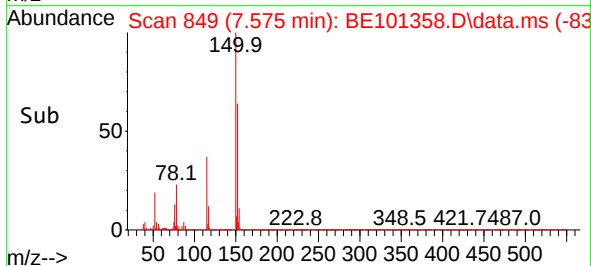
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT2-2024



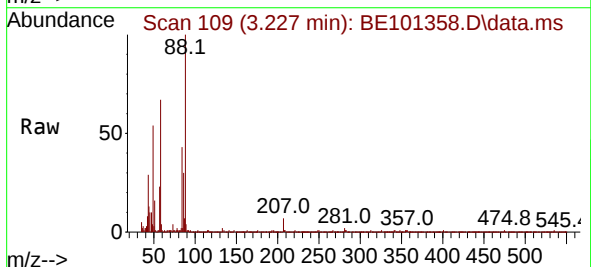
Tgt Ion: 152 Resp: 18678
Ion Ratio Lower Upper
152 100
150 158.5 125.9 188.9
115 58.7 46.9 70.3

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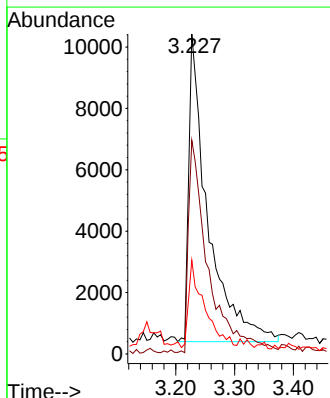
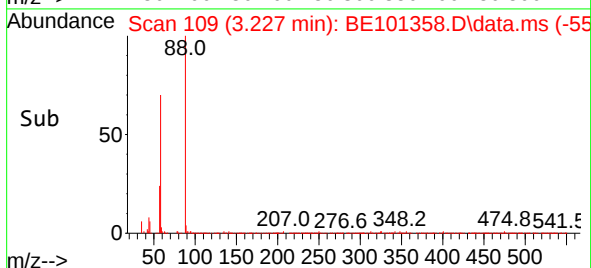
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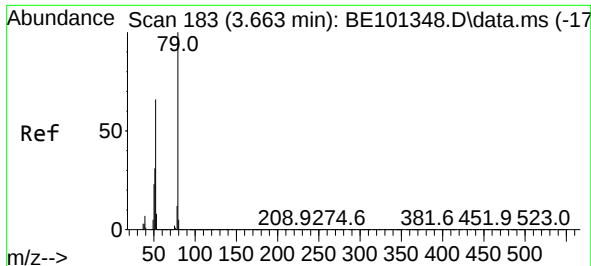


#2
1,4-Dioxane
Concen: 5.547 ng
RT: 3.227 min Scan# 109
Delta R.T. 0.017 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



Tgt Ion: 88 Resp: 22564
Ion Ratio Lower Upper
88 100
58 71.0 58.8 88.2
43 23.9 19.4 29.2





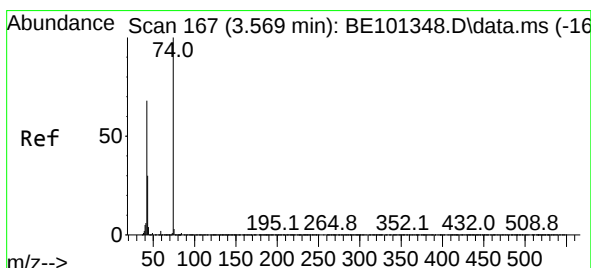
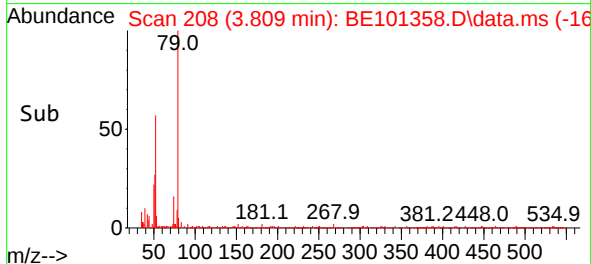
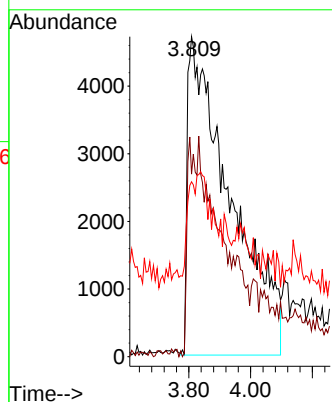
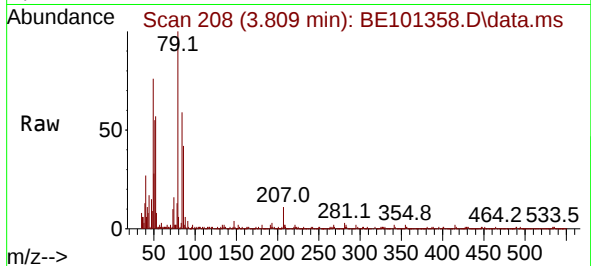
#3
Pyridine
Concen: 3.844 ng m
RT: 3.809 min Scan# 20
Delta R.T. 0.146 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion: 79 Resp: 4504
Ion Ratio Lower Upper
79 100
52 57.0 52.6 78.8
51 54.7 26.2 39.2

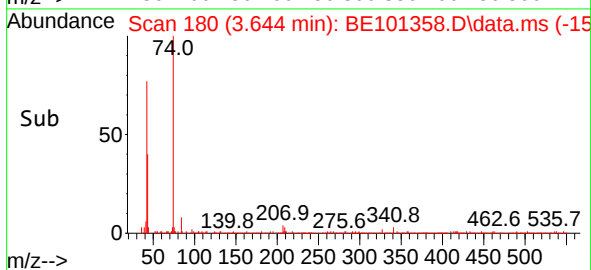
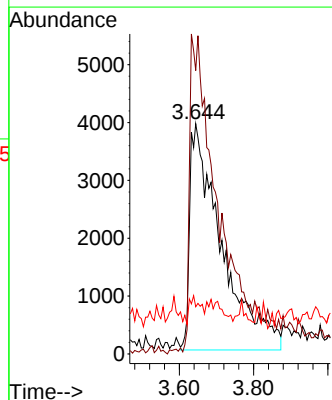
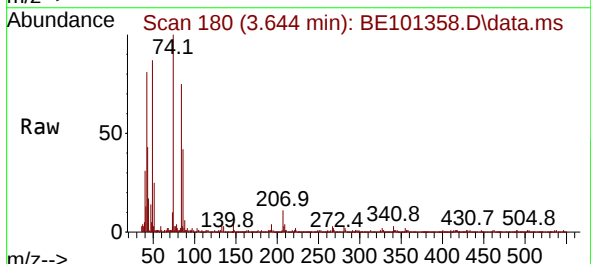
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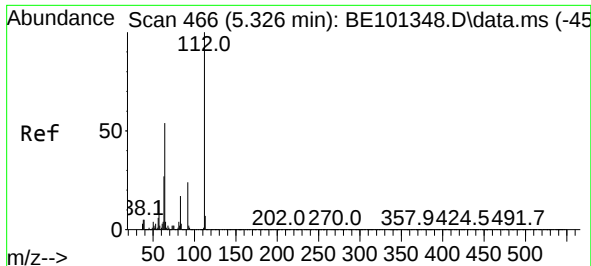
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#4
n-Nitrosodimethylamine
Concen: 5.528 ng m
RT: 3.644 min Scan# 180
Delta R.T. 0.075 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion: 42 Resp: 23274
Ion Ratio Lower Upper
42 100
74 123.1 117.0 175.4
44 20.5 5.9 8.9





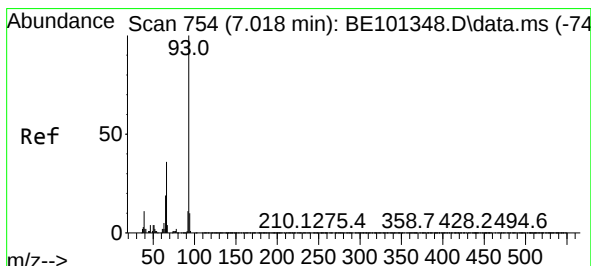
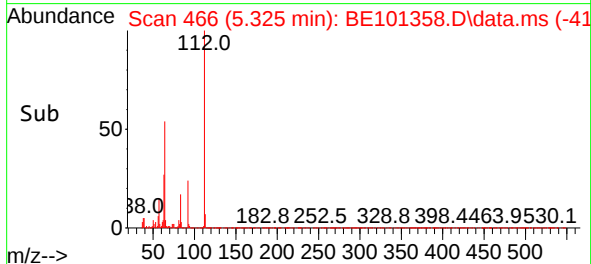
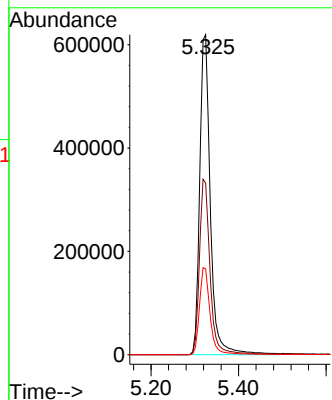
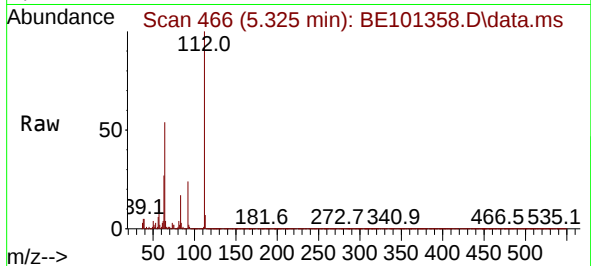
#5
2-Fluorophenol
Concen: 98.122 ng
RT: 5.325 min Scan# 466
Delta R.T. -0.001 min
Lab File: BE101358.D
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Tgt Ion: 112 Resp: 1048240
Ion Ratio Lower Upper
112 100
64 53.7 42.8 64.2
63 26.8 21.3 31.9

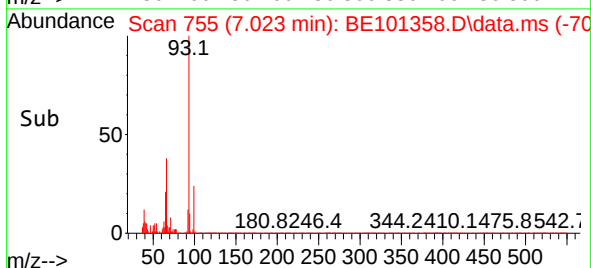
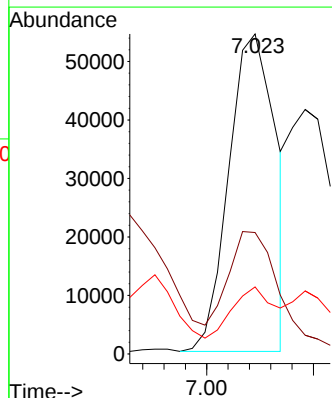
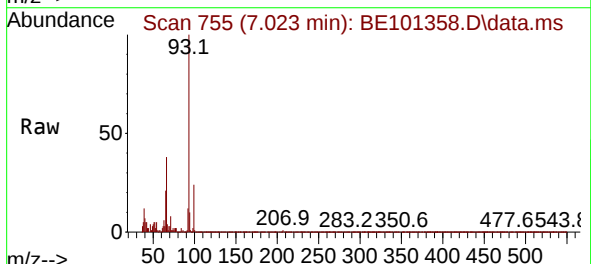
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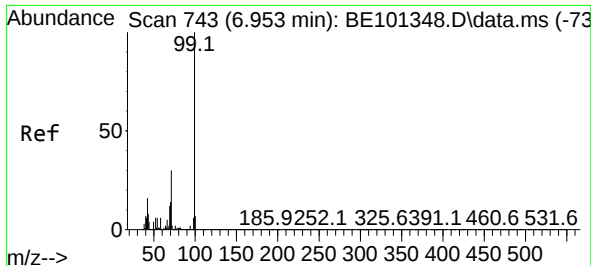
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#6
Aniline
Concen: 6.517 ng
RT: 7.023 min Scan# 755
Delta R.T. 0.005 min
Lab File: BE101358.D
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Tgt Ion: 93 Resp: 82806
Ion Ratio Lower Upper
93 100
66 38.0 30.0 45.0
65 20.9 15.8 23.8





#7

Phenol-d6

Concen: 95.724 ng

RT: 6.952 min Scan# 743

Delta R.T. -0.001 min

Lab File: BE101358.D

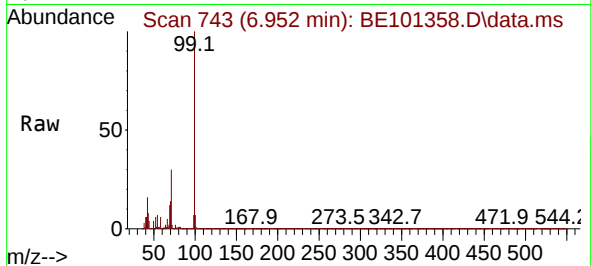
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Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT2-2024

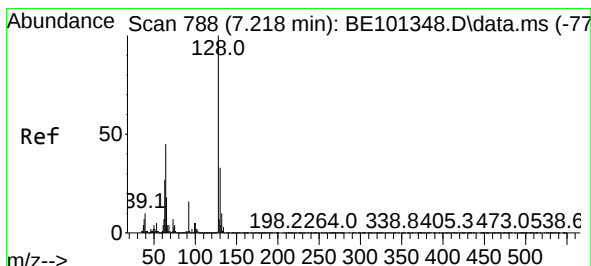
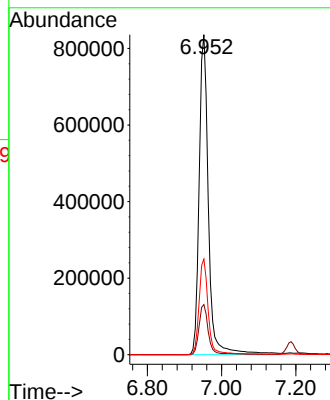
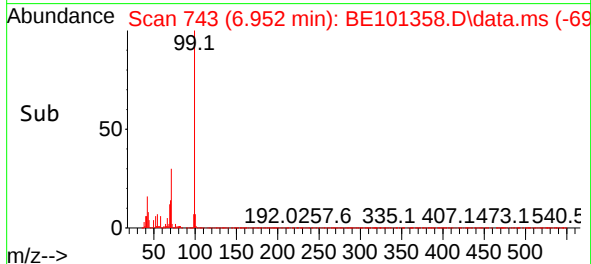


Tgt Ion:	99	Ratio	100	Lower	Upper
42	15.7	12.8	19.2		
71	29.9	23.8	35.6		

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#8

2-Chlorophenol

Concen: 5.315 ng

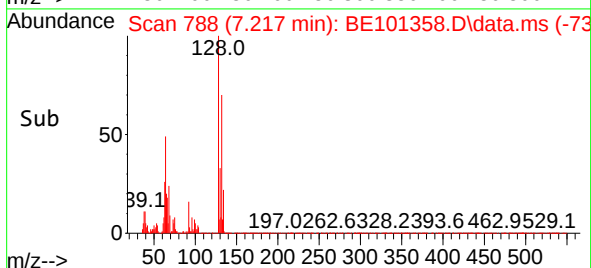
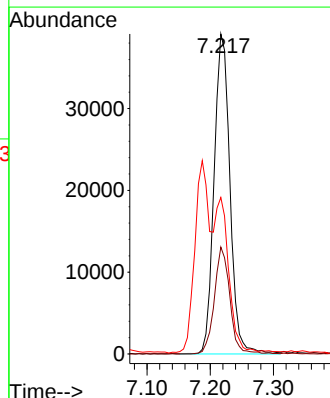
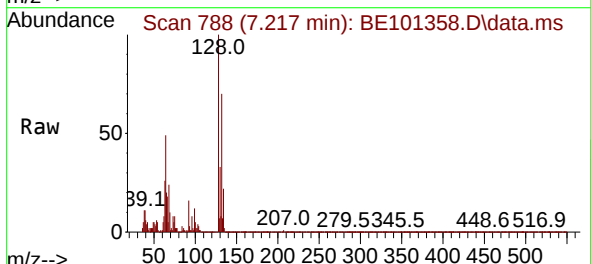
RT: 7.217 min Scan# 788

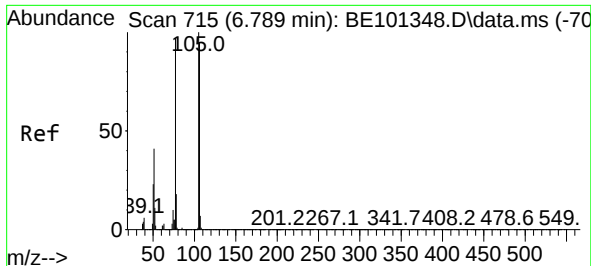
Delta R.T. -0.001 min

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Tgt Ion:	128	Ratio	100	Lower	Upper
130	33.4	12.8	52.8		
64	48.9	24.9	64.9		





#9

Benzaldehyde

Concen: 7.319 ng

RT: 6.794 min Scan# 715

Delta R.T. 0.005 min

Lab File: BE101358.D

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Instrument :

BNA_E

ClientSampleId :

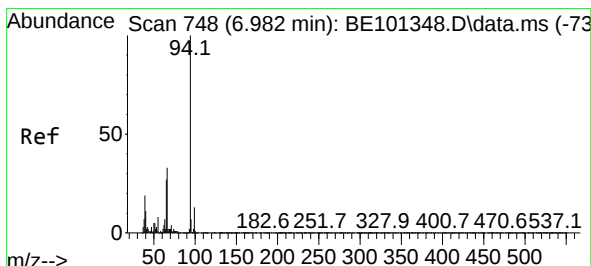
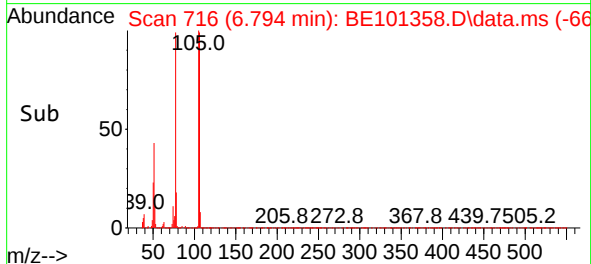
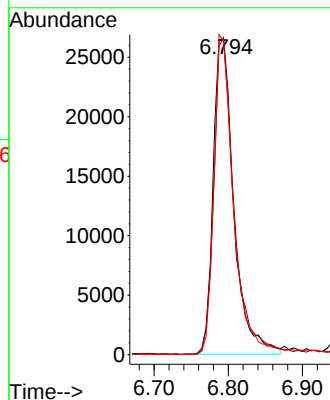
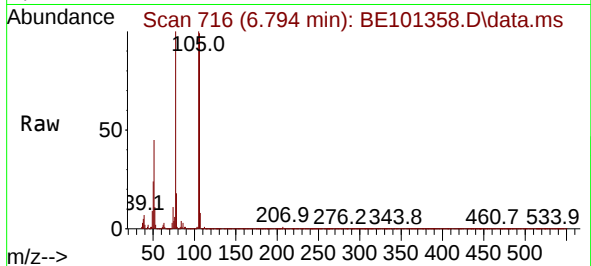
LOQ-WATER-02-QT2-2024

Tgt Ion: 77	Resp: 5094
Ion Ratio	Lower Upper
77 100	
105 100.4	82.8 122.8
106 99.4	77.9 117.9

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 5.321 ng

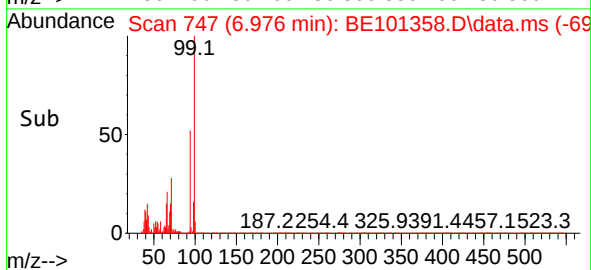
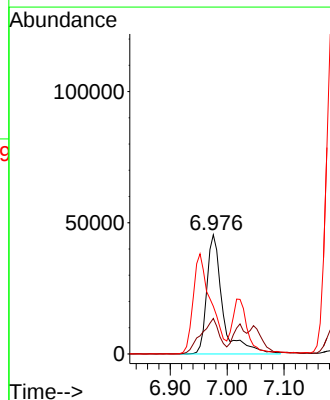
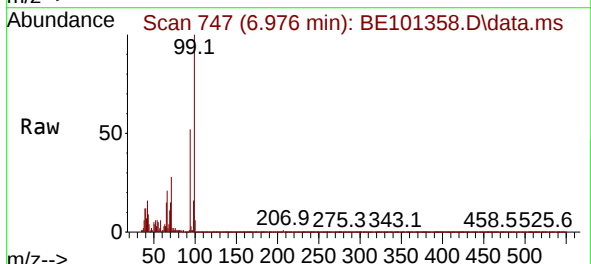
RT: 6.976 min Scan# 747

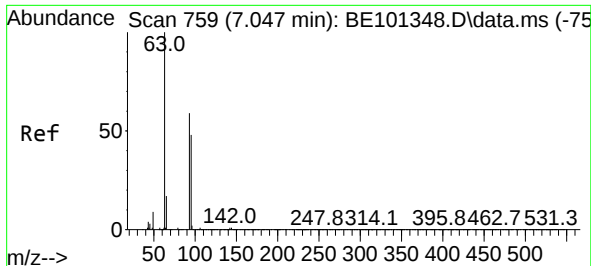
Delta R.T. -0.007 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

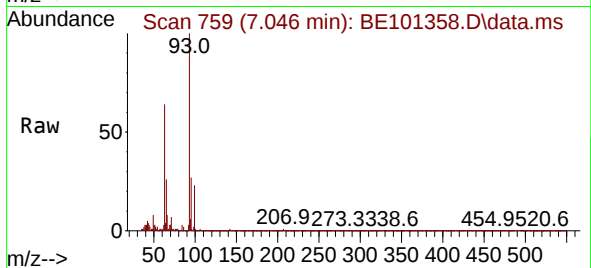
Tgt Ion: 94	Resp: 88568
Ion Ratio	Lower Upper
94 100	
65 29.8	7.1 47.1
66 40.0	13.1 53.1





#11
bis(2-Chloroethyl)ether
Concen: 5.218 ng m
RT: 7.046 min Scan# 70
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

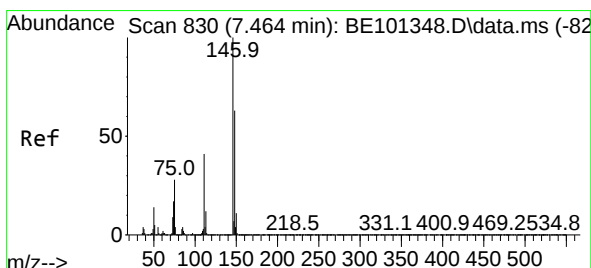
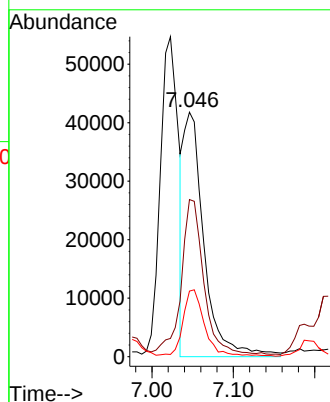
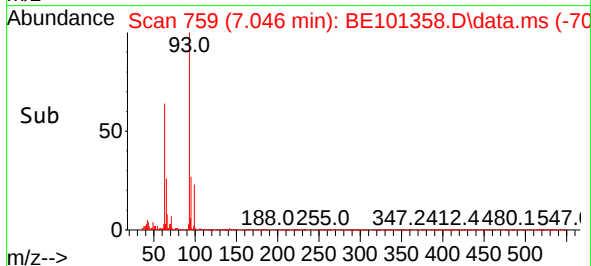
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 93 Resp: 73510
Ion Ratio Lower Upper
93 100
63 64.3 43.7 83.7
95 26.8 8.7 48.7

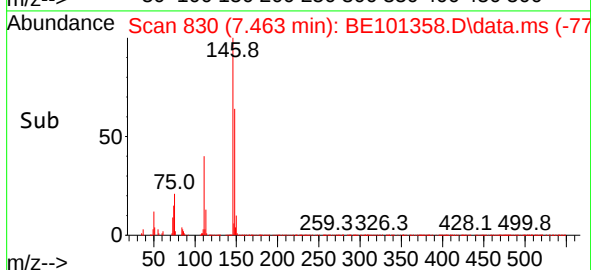
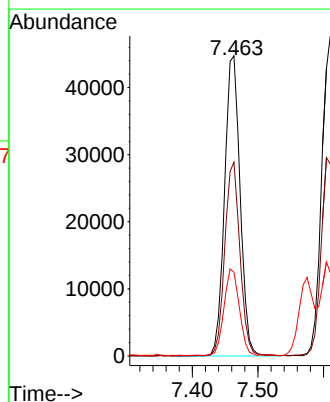
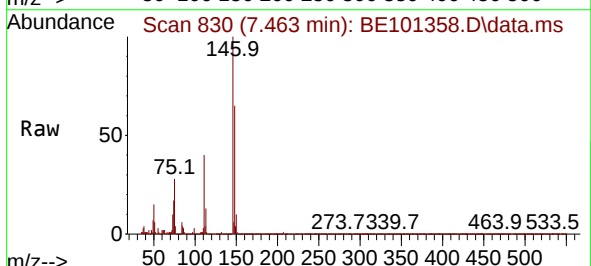
Manual Integrations
APPROVED

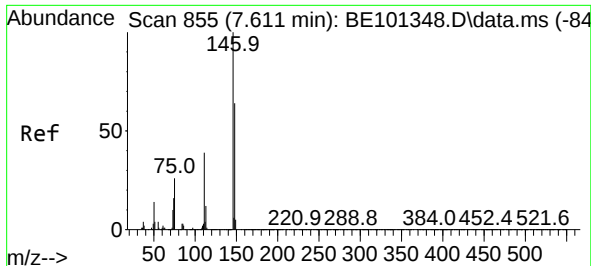
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#12
1,3-Dichlorobenzene
Concen: 5.309 ng
RT: 7.463 min Scan# 830
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

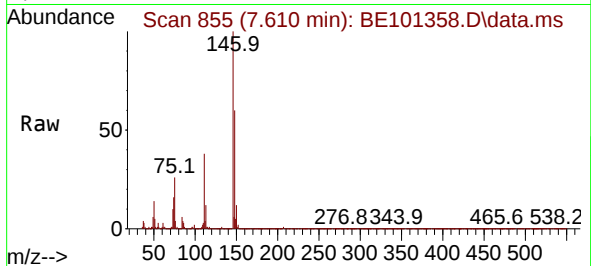
Tgt Ion:146 Resp: 73249
Ion Ratio Lower Upper
146 100
148 64.6 50.8 76.2
75 27.9 22.1 33.1





#13
1,4-Dichlorobenzene
Concen: 5.356 ng
RT: 7.610 min Scan# 855
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

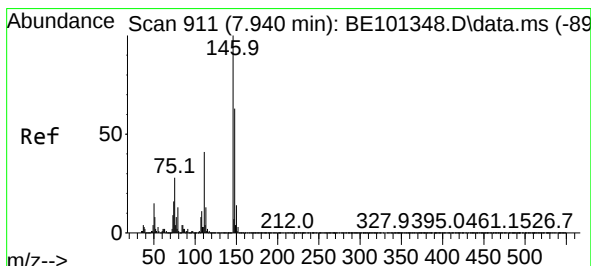
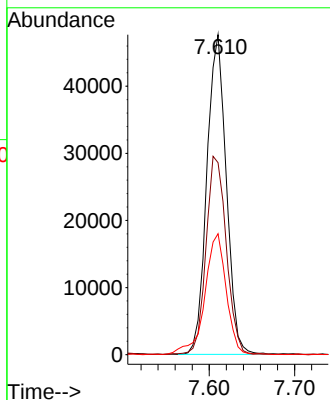
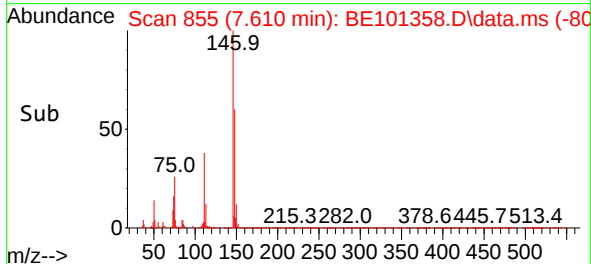
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



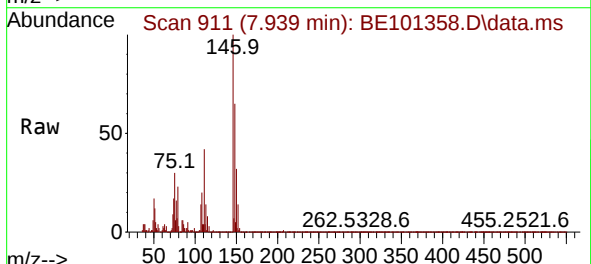
Tgt Ion:146 Resp: 75289
Ion Ratio Lower Upper
146 100
148 60.0 51.1 76.7
111 37.8 31.1 46.7

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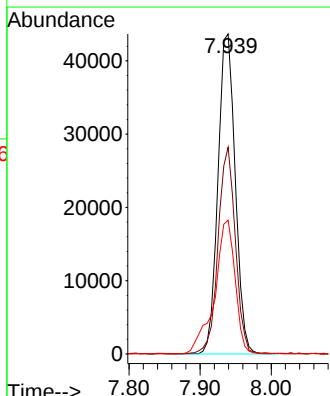
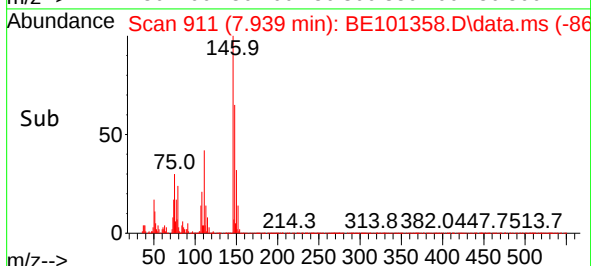
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

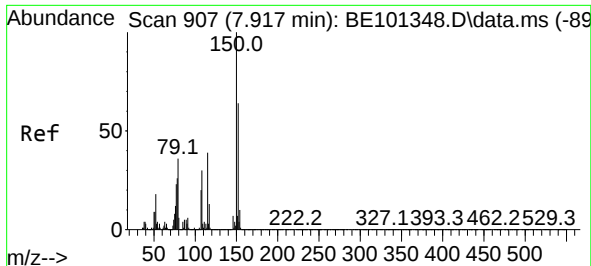


#14
1,2-Dichlorobenzene
Concen: 5.281 ng
RT: 7.939 min Scan# 911
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



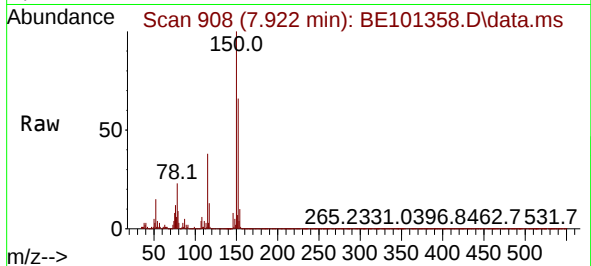
Tgt Ion:146 Resp: 73557
Ion Ratio Lower Upper
146 100
148 64.6 50.4 75.6
111 41.8 32.6 48.8





#15
Benzyl Alcohol
Concen: 5.776 ng
RT: 7.922 min Scan# 907
Delta R.T. 0.005 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

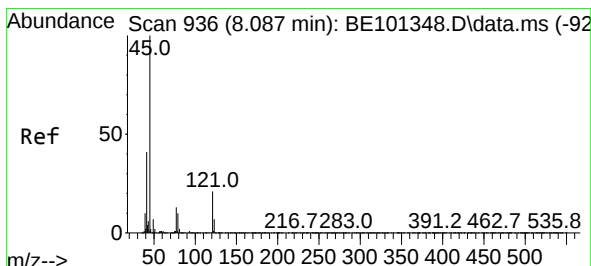
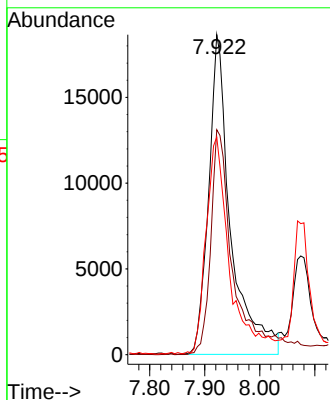
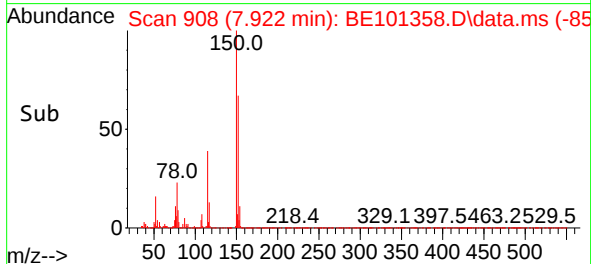
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 79 Resp: 5208
Ion Ratio Lower Upper
79 100
108 70.3 66.0 99.0
77 68.0 51.0 76.6

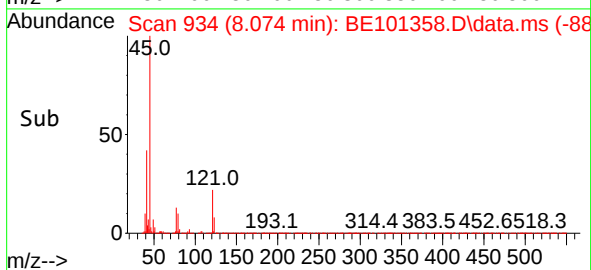
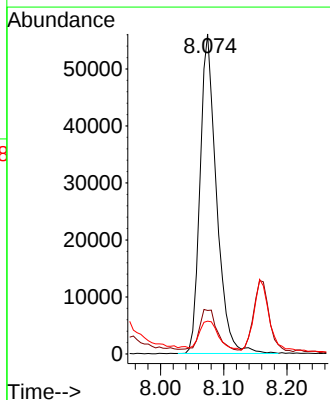
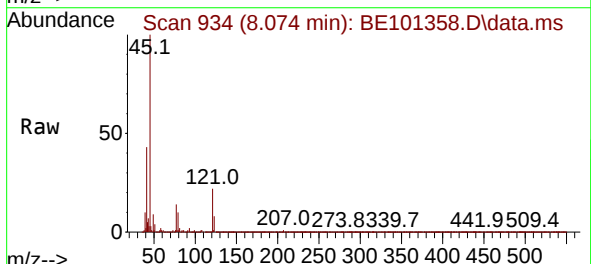
Manual Integrations
APPROVED

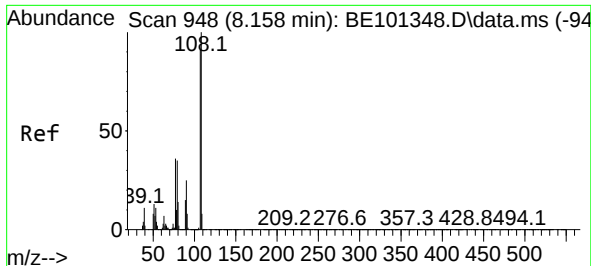
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.694 ng
RT: 8.074 min Scan# 934
Delta R.T. -0.013 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion: 45 Resp: 101101
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.3
79 10.2 0.0 31.6





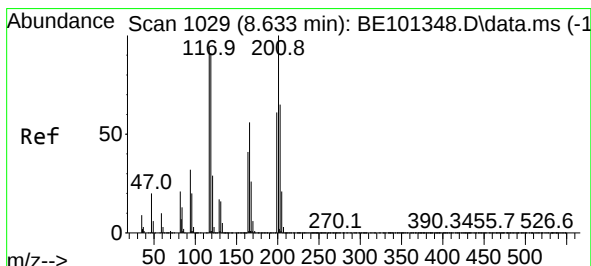
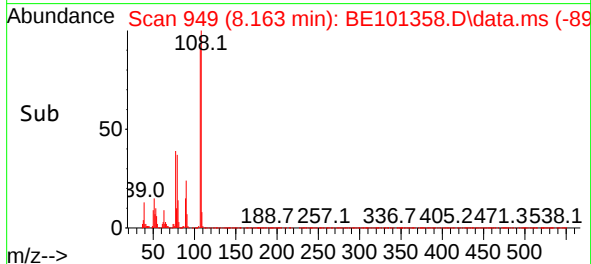
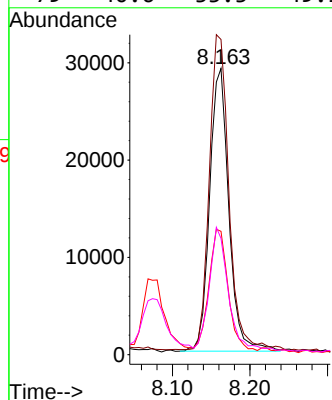
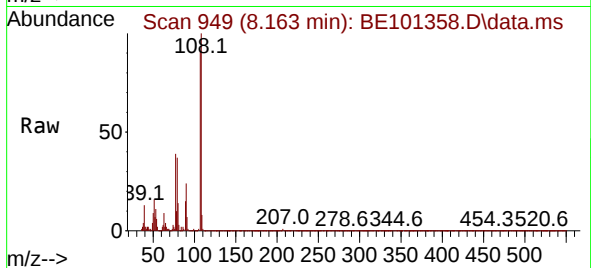
#17
2-Methylphenol
Concen: 4.535 ng
RT: 8.163 min Scan# 948
Delta R.T. 0.005 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion	Ratio	Lower	Upper
107	100		
108	110.1	88.2	132.2
77	43.1	34.9	52.3
79	40.6	33.3	49.9

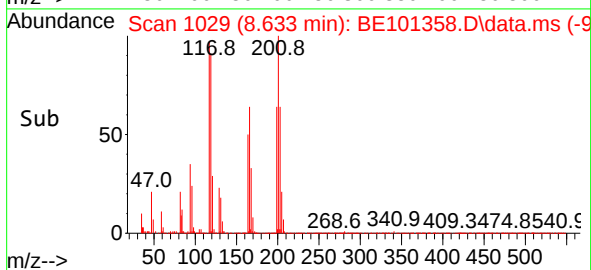
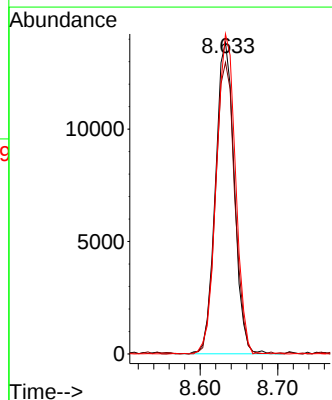
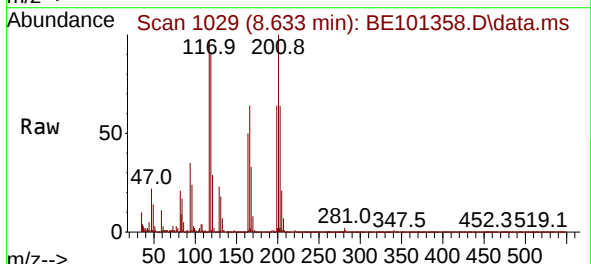
Manual Integrations
APPROVED

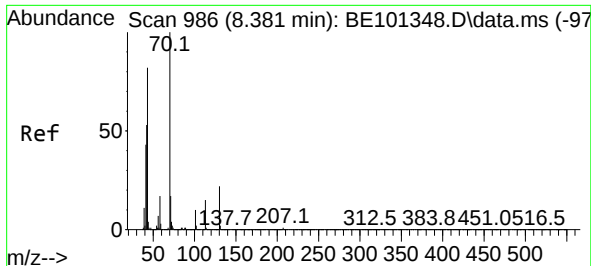
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 5.078 ng
RT: 8.633 min Scan# 1029
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

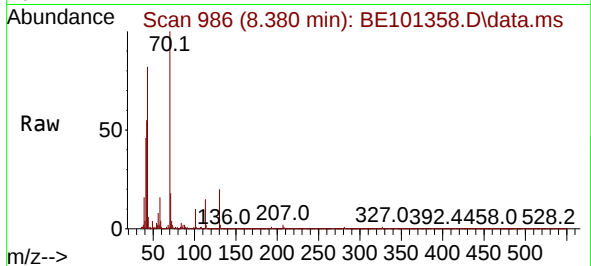
Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.4	116.2
201	102.7	84.8	127.2





#19
n-Nitroso-di-n-propylamine
Concen: 5.057 ng
RT: 8.380 min Scan# 986
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

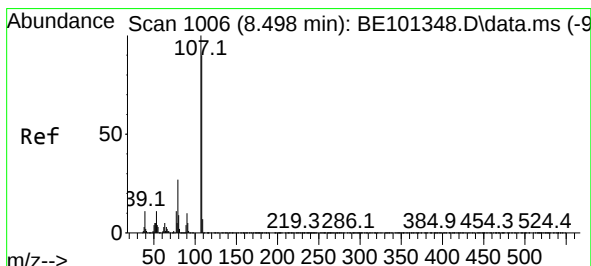
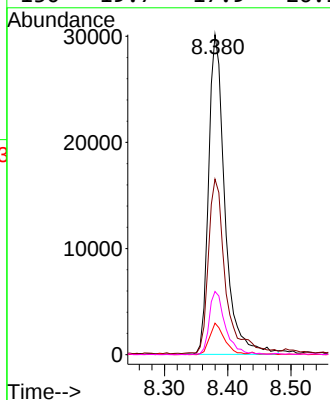
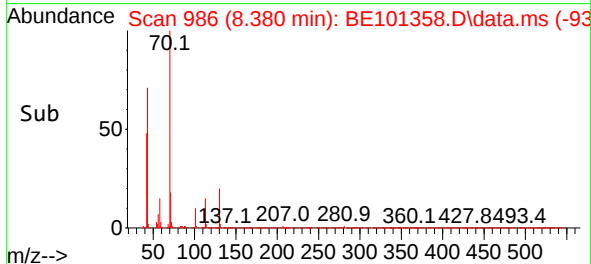
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



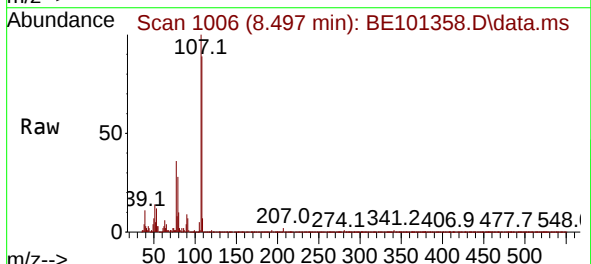
Tgt Ion:	70	Resp:	54054
Ion Ratio	100	Lower	Upper
70	100		
42	54.9	42.5	63.7
101	9.8	7.8	11.6
130	19.7	17.9	26.9

Manual Integrations
APPROVED

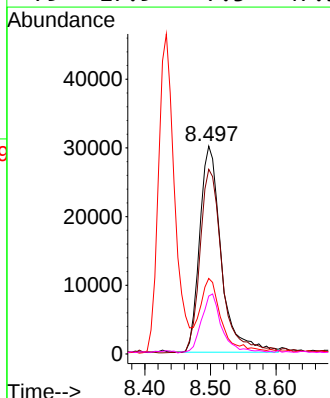
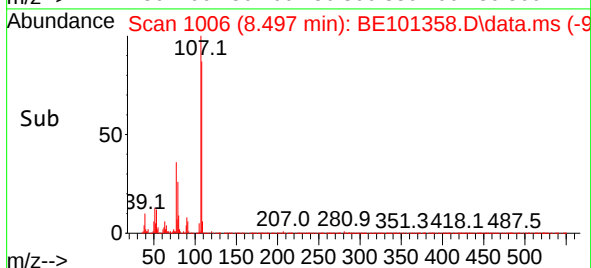
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

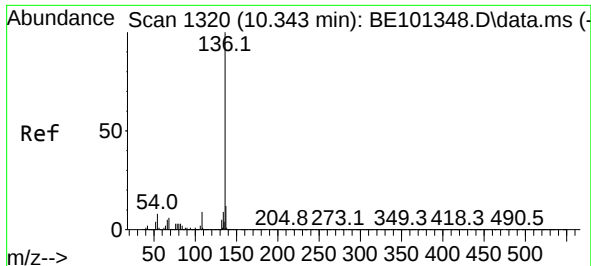


#20
3+4-Methylphenols
Concen: 4.431 ng
RT: 8.497 min Scan# 1006
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



Tgt Ion:	107	Resp:	68767
Ion Ratio	100	Lower	Upper
107	100		
108	88.9	70.4	110.4
77	36.3	12.5	52.5
79	27.9	7.3	47.3





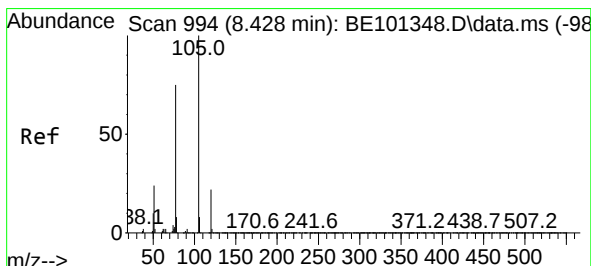
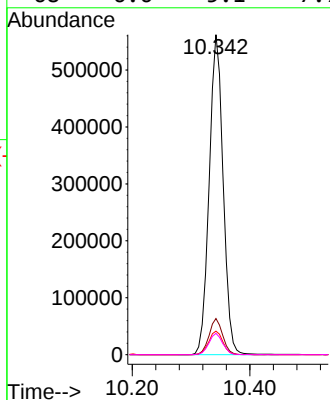
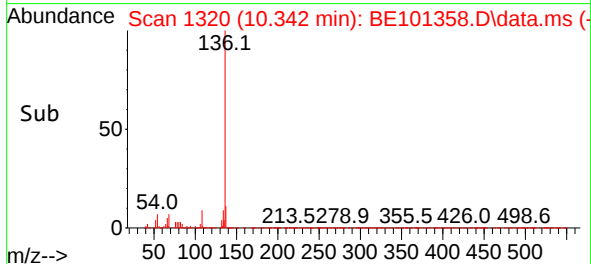
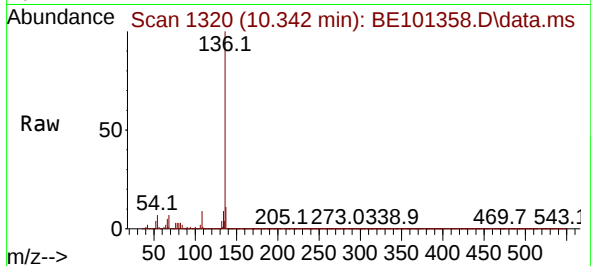
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:	136	Resp:	92532
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.3	13.9
54	7.3	6.1	9.1
68	6.6	5.1	7.7

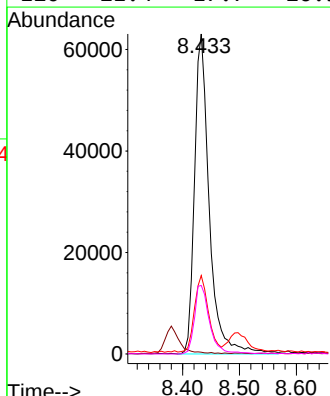
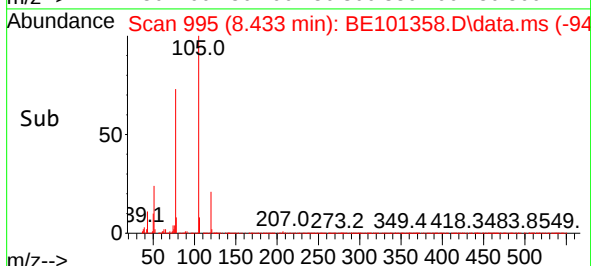
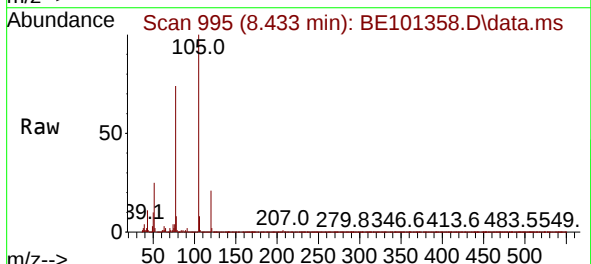
Manual Integrations
APPROVED

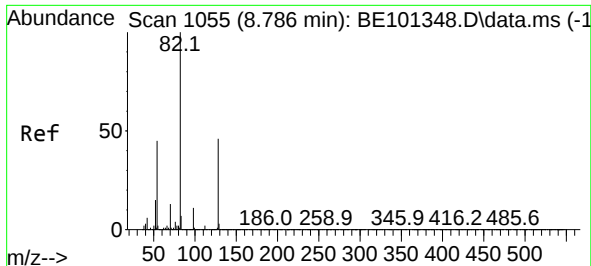
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 5.305 ng
RT: 8.433 min Scan# 995
Delta R.T. 0.005 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:	105	Resp:	113837
Ion Ratio	Lower	Upper	
105	100		
71	0.5	0.1	0.1#
51	24.5	19.0	28.4
120	21.4	17.7	26.5





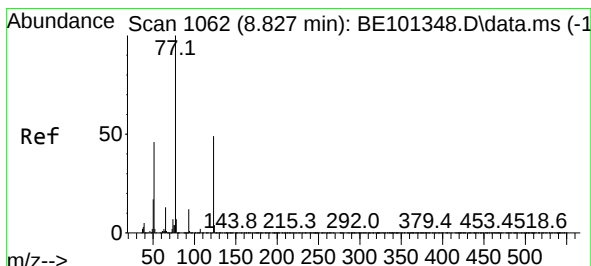
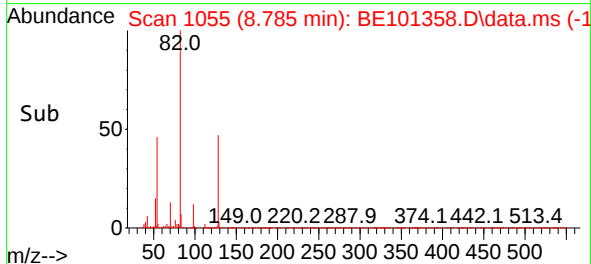
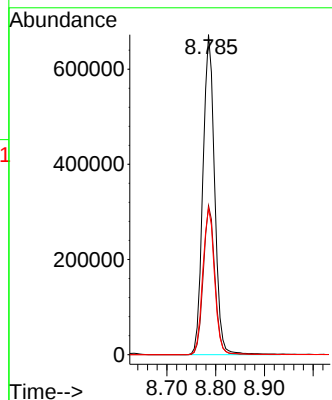
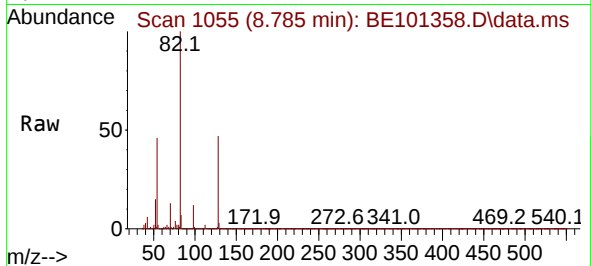
#23
Nitrobenzene-d5
Concen: 76.947 ng
RT: 8.785 min Scan# 1055
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion: 82 Resp: 1123074
Ion Ratio Lower Upper
82 100
128 46.6 36.8 55.2
54 45.7 36.2 54.4

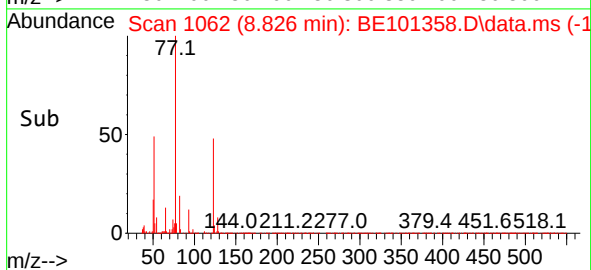
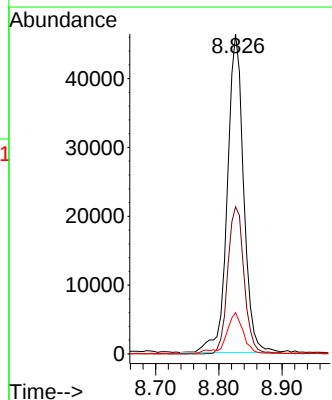
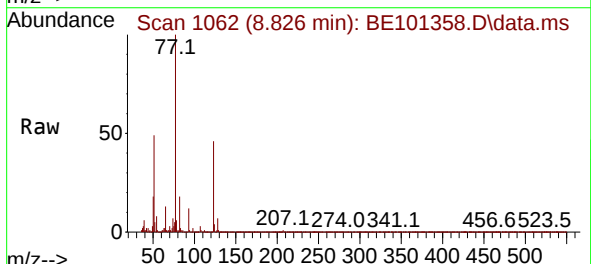
Manual Integrations
APPROVED

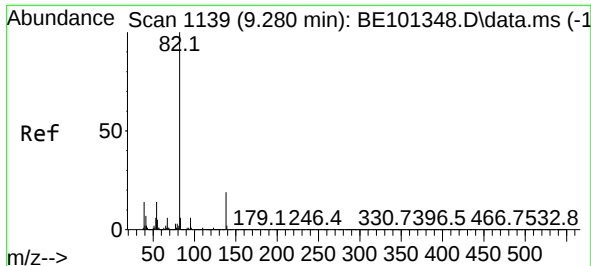
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#24
Nitrobenzene
Concen: 5.325 ng
RT: 8.826 min Scan# 1062
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

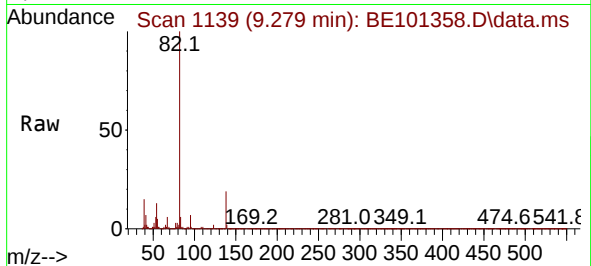
Tgt Ion: 77 Resp: 82978
Ion Ratio Lower Upper
77 100
123 46.0 39.0 58.4
65 12.9 10.2 15.4





#25
Isophorone
Concen: 5.213 ng
RT: 9.279 min Scan# 1139
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

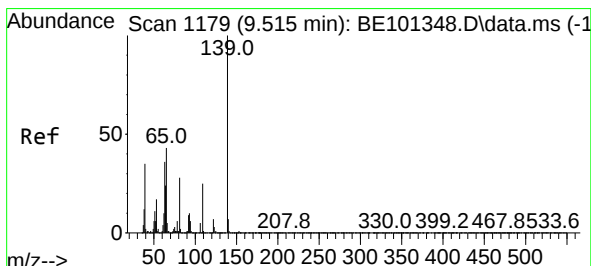
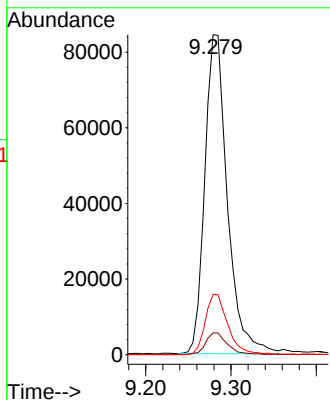
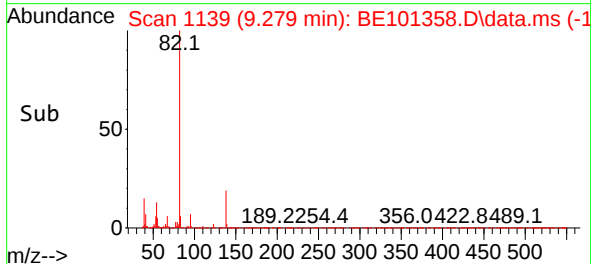
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 82 Resp: 15576
Ion Ratio Lower Upper
82 100
95 6.8 5.2 7.8
138 18.9 15.0 22.6

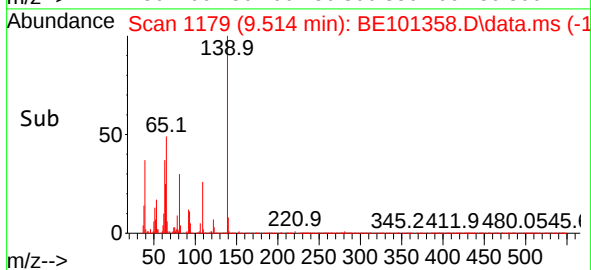
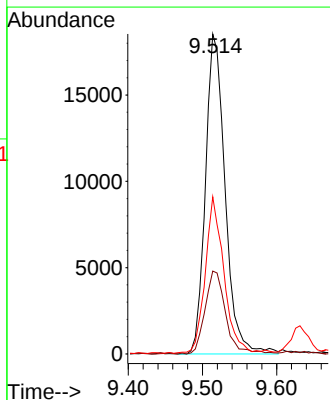
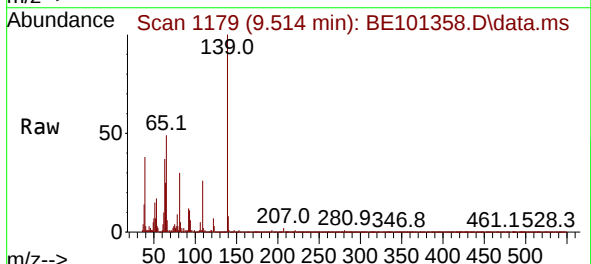
Manual Integrations
APPROVED

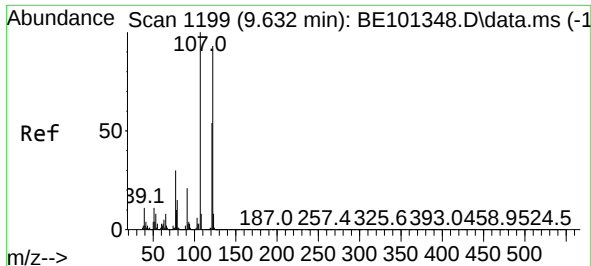
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#26
2-Nitrophenol
Concen: 4.638 ng
RT: 9.514 min Scan# 1179
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:139 Resp: 34111
Ion Ratio Lower Upper
139 100
109 25.9 19.8 29.6
65 49.1 34.6 52.0





#27

2,4-Dimethylphenol

Concen: 5.121 ng m

RT: 9.631 min Scan# 1199

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

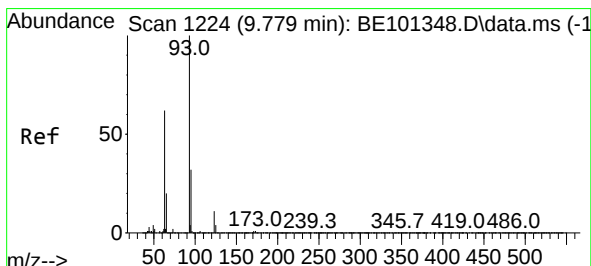
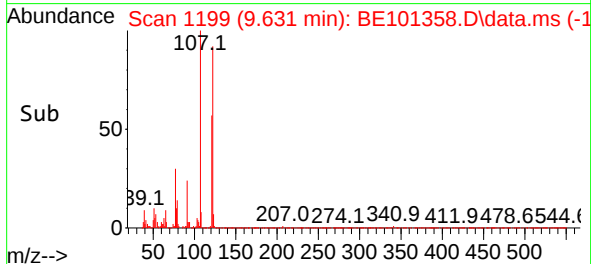
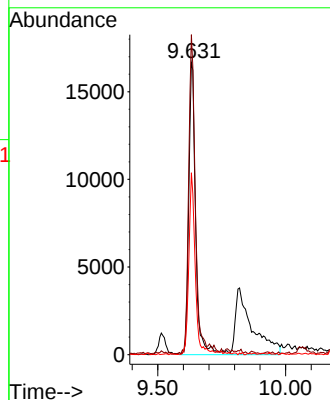
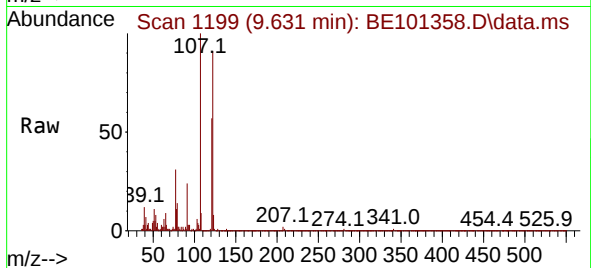
LOQ-WATER-02-QT2-2024

Tgt Ion:	122	Resp:	4834
Ion	Ratio	Lower	Upper
122	100		
107	109.5	86.4	129.6
121	62.2	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: 5.382 ng

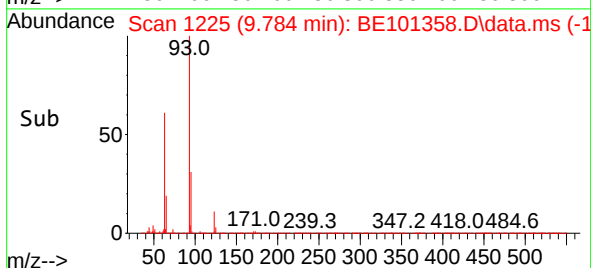
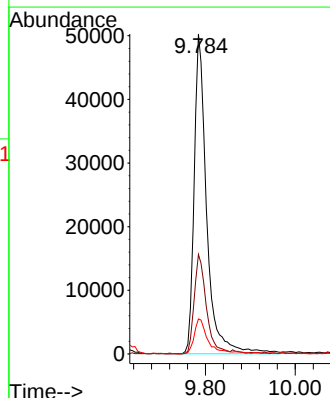
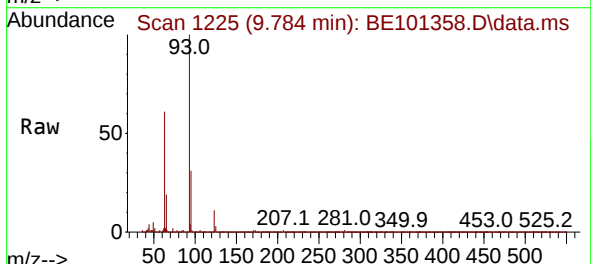
RT: 9.784 min Scan# 1225

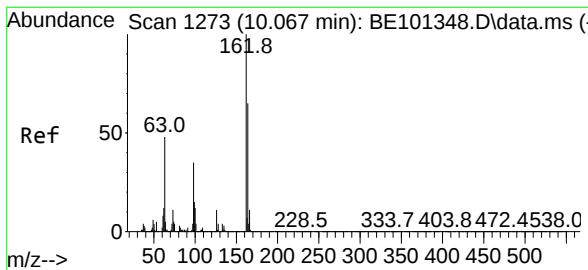
Delta R.T. 0.005 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	93	Resp:	97278
Ion	Ratio	Lower	Upper
93	100		
95	31.1	26.0	39.0
123	11.0	9.0	13.4





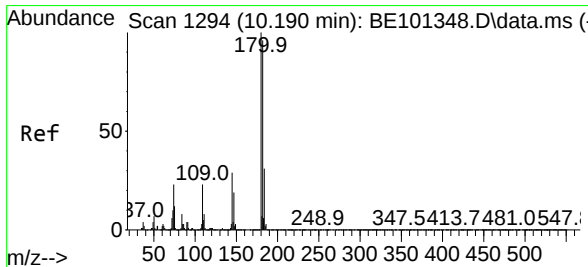
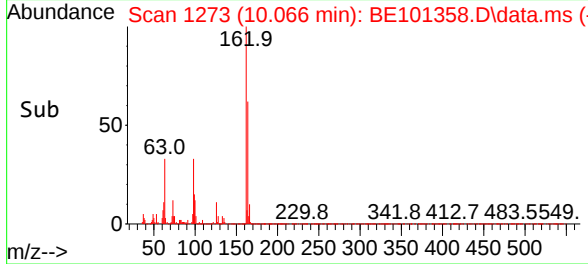
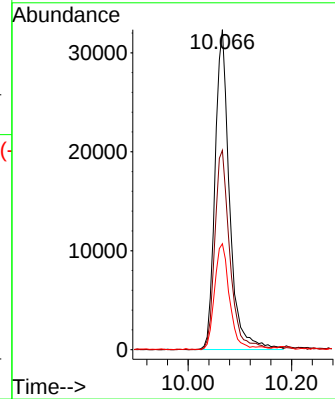
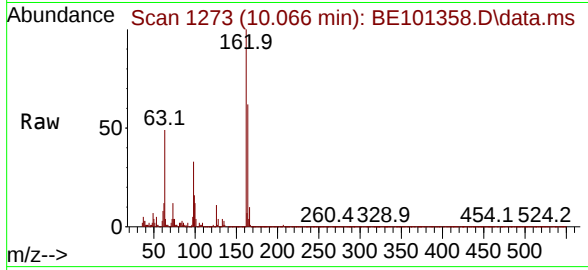
#29
2,4-Dichlorophenol
Concen: 4.865 ng
RT: 10.066 min Scan# 1273
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.3	44.6	84.6
98	33.1	14.7	54.7

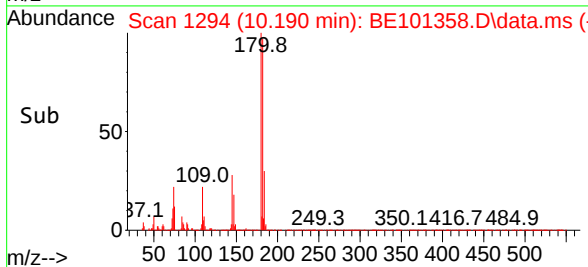
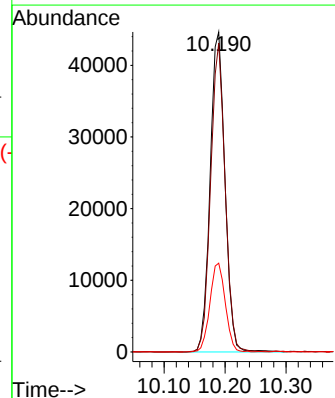
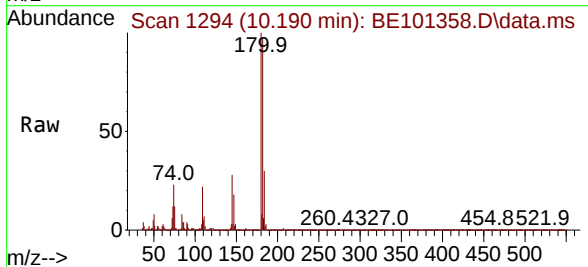
Manual Integrations
APPROVED

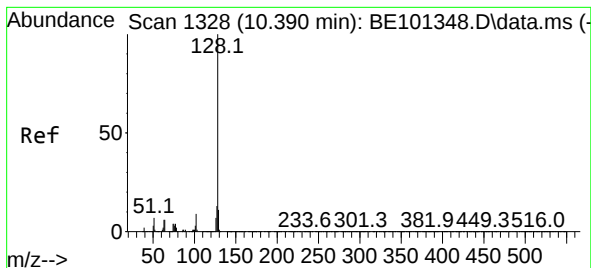
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#30
1,2,4-Trichlorobenzene
Concen: 5.381 ng
RT: 10.190 min Scan# 1294
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	114.8
145	27.8	23.5	35.3





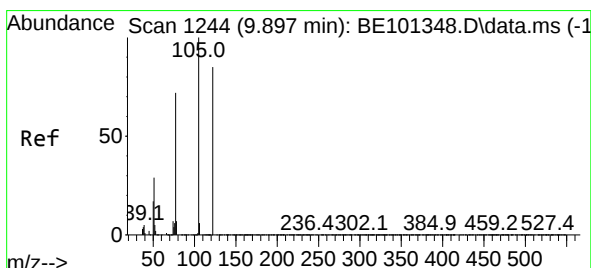
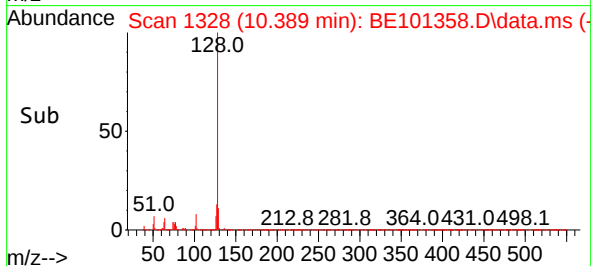
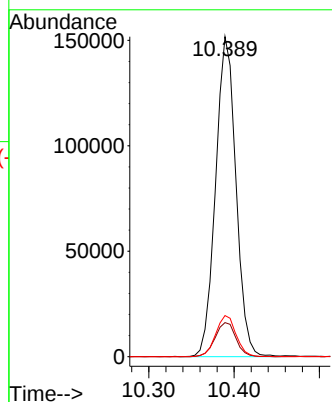
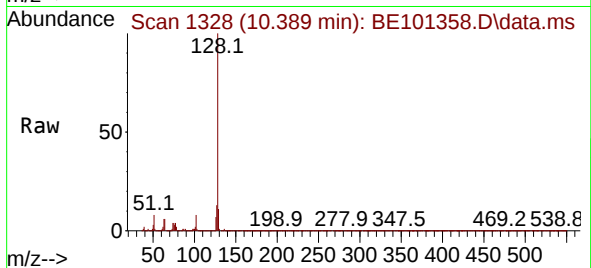
#31
Naphthalene
Concen: 5.387 ng
RT: 10.389 min Scan# 11
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:128 Resp: 25149
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.9 10.3 15.5

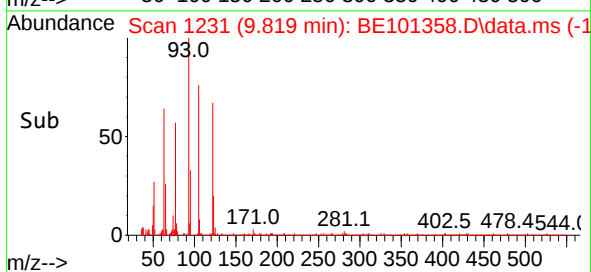
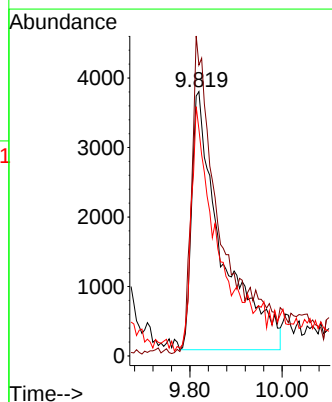
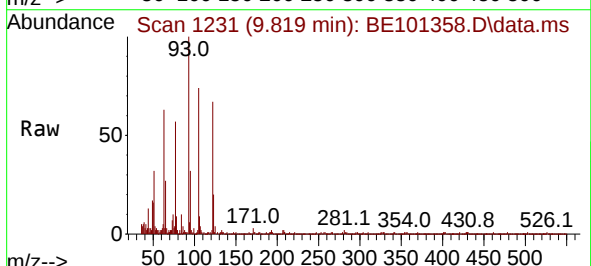
Manual Integrations
APPROVED

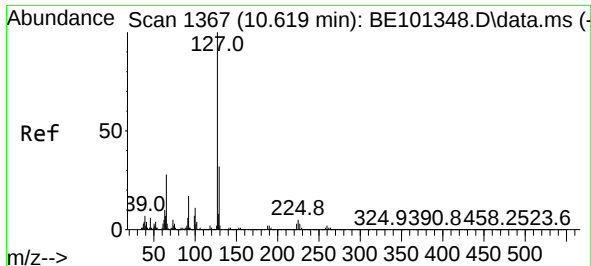
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#32
Benzoic acid
Concen: 8.752 ng
RT: 9.819 min Scan# 1231
Delta R.T. -0.078 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:122 Resp: 16732
Ion Ratio Lower Upper
122 100
105 110.0 96.7 136.7
77 85.8 64.8 104.8





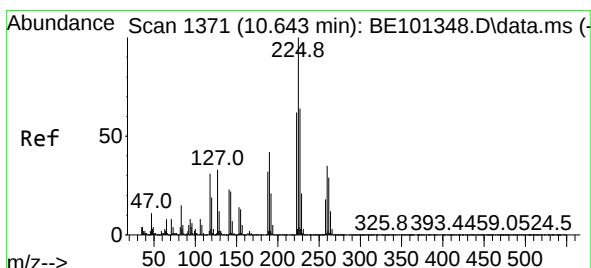
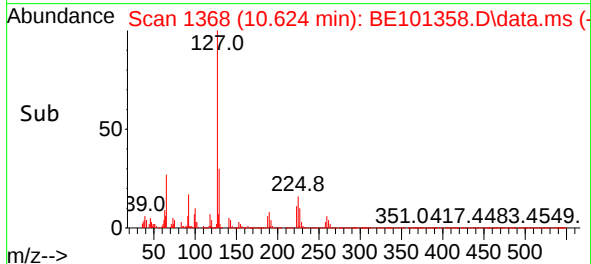
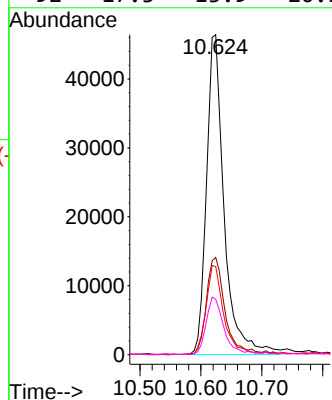
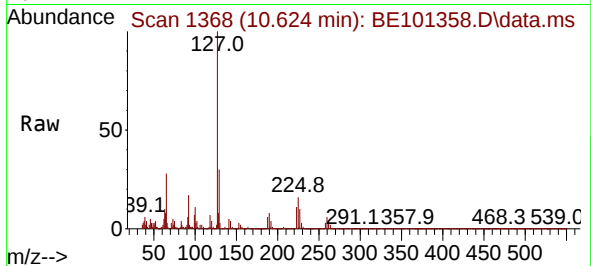
#33
4-Chloroaniline
Concen: 5.220 ng
RT: 10.624 min Scan# 1367
Delta R.T. 0.005 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.8	38.8
65	27.6	22.5	33.7
92	17.3	13.9	20.9

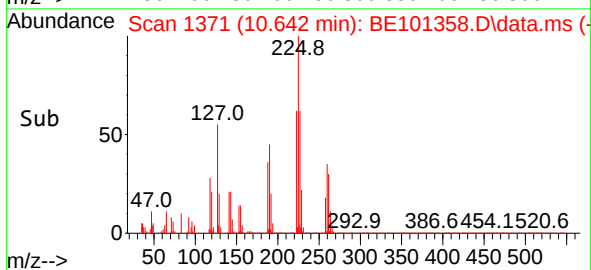
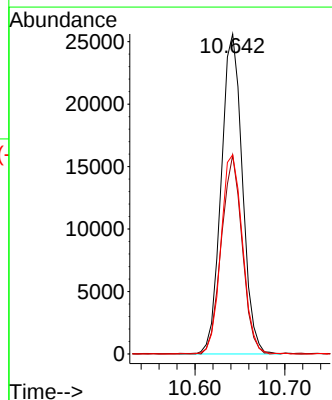
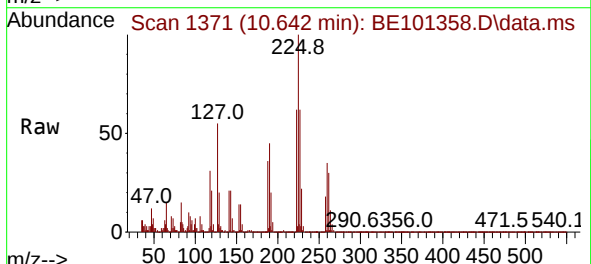
Manual Integrations
APPROVED

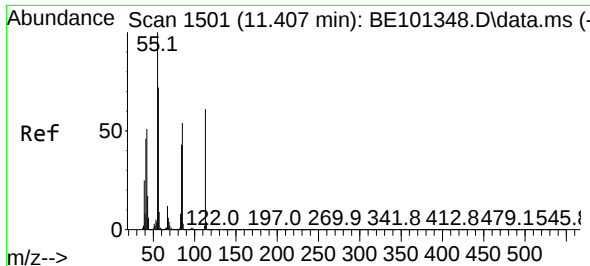
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#34
Hexachlorobutadiene
Concen: 5.152 ng
RT: 10.642 min Scan# 1371
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

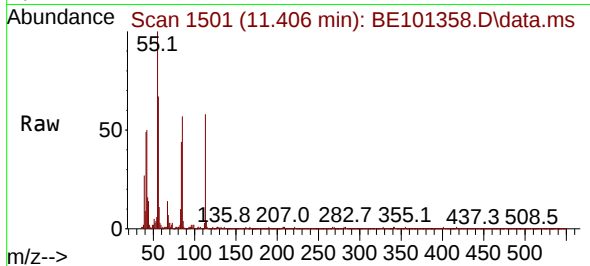
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	62.2	51.3	76.9





#35
Caprolactam
Concen: 4.455 ng m
RT: 11.406 min Scan# 1501
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

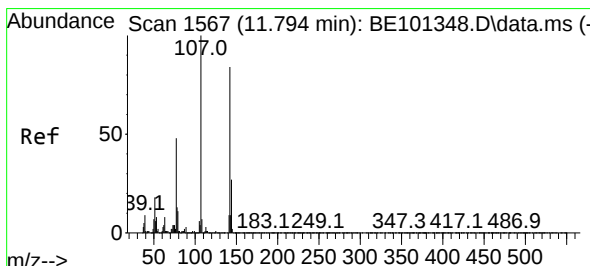
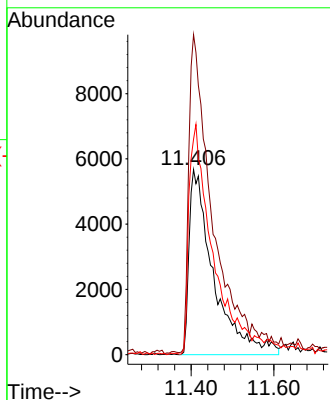
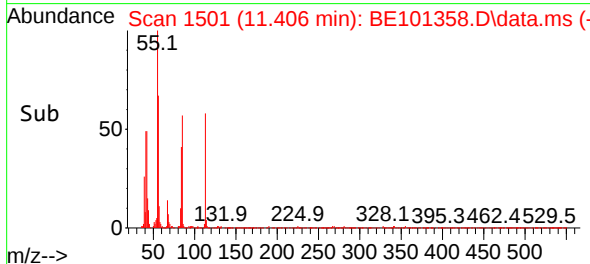
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:113 Resp: 23268
Ion Ratio Lower Upper
113 100
55 172.8 144.8 184.8
56 116.4 99.3 139.3

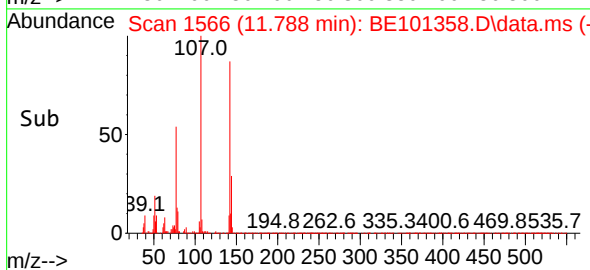
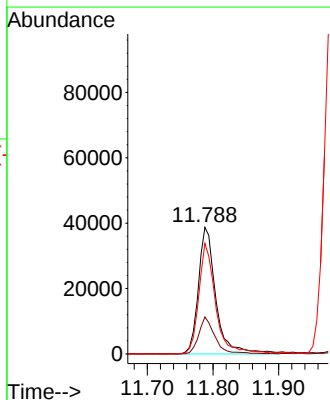
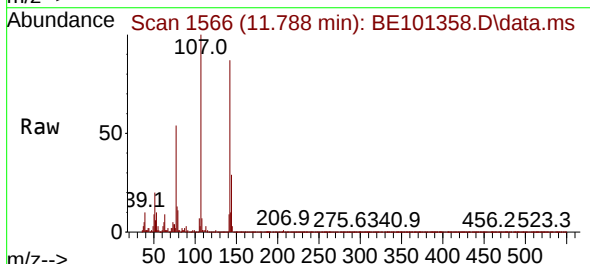
Manual Integrations
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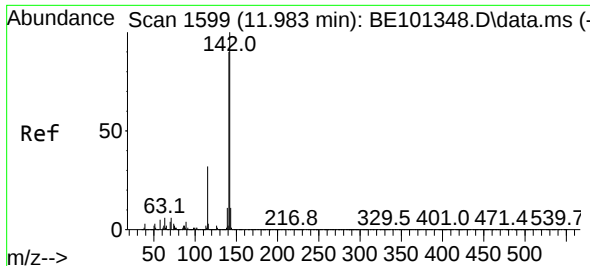
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#36
4-Chloro-3-methylphenol
Concen: 4.709 ng
RT: 11.788 min Scan# 1566
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

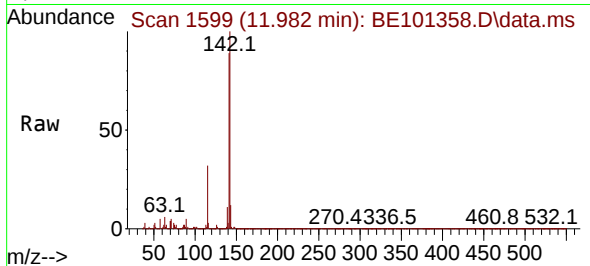
Tgt Ion:107 Resp: 71931
Ion Ratio Lower Upper
107 100
144 29.2 21.9 32.9
142 87.3 67.4 101.2





#37
2-Methylnaphthalene
Concen: 5.292 ng
RT: 11.982 min Scan# 1599
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

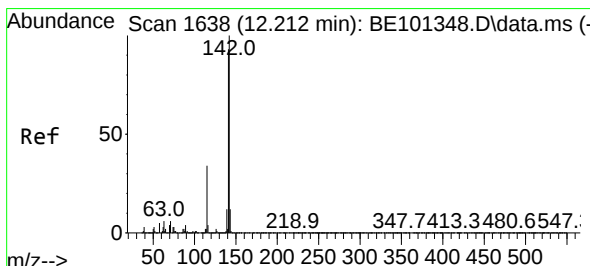
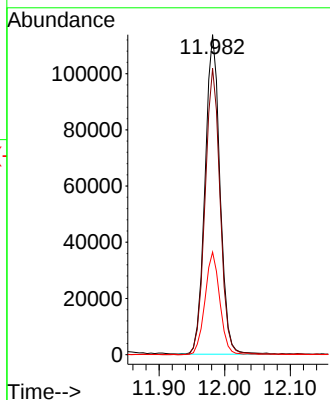
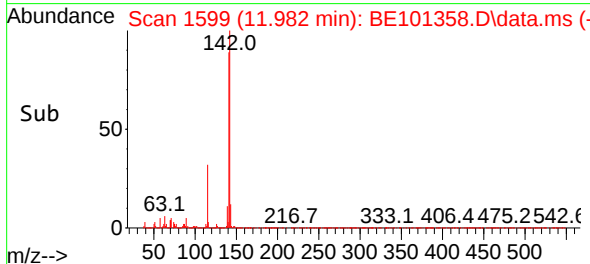
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



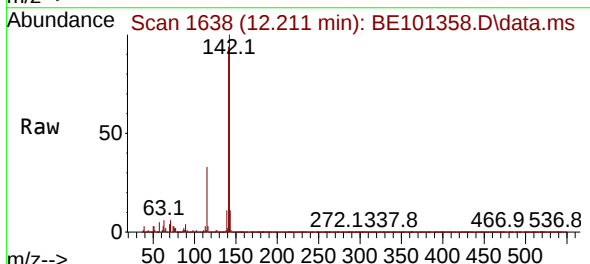
Tgt Ion:142 Resp: 180690
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.6
115 32.1 25.6 38.4

Manual Integrations
APPROVED

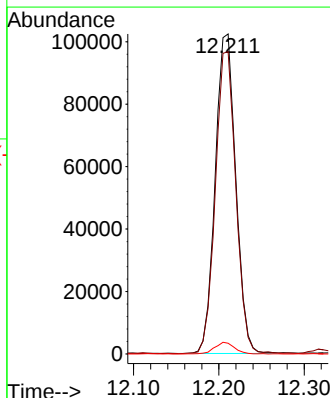
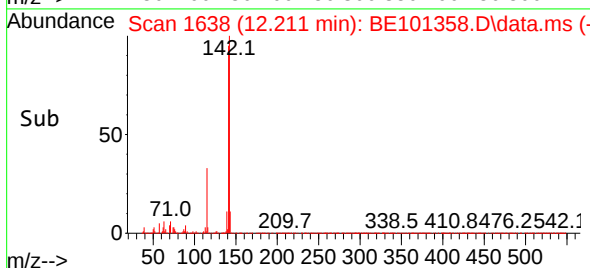
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

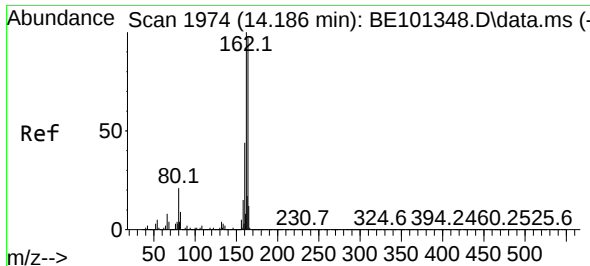


#38
1-Methylnaphthalene
Concen: 4.998 ng
RT: 12.211 min Scan# 1638
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



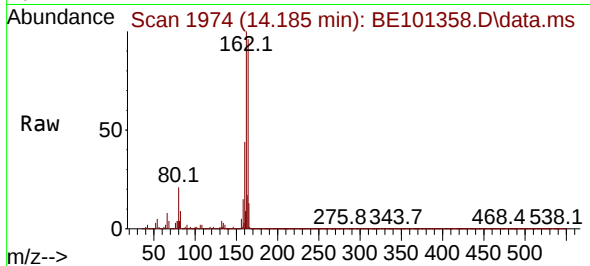
Tgt Ion:142 Resp: 171223
Ion Ratio Lower Upper
142 100
141 94.5 74.3 111.5
116 3.3 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.185 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

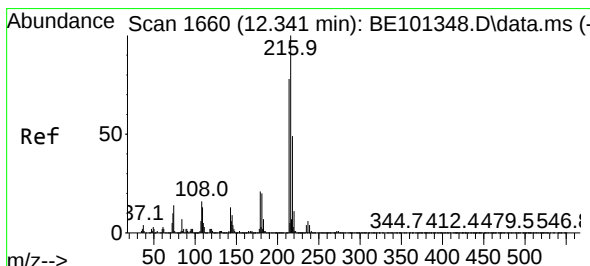
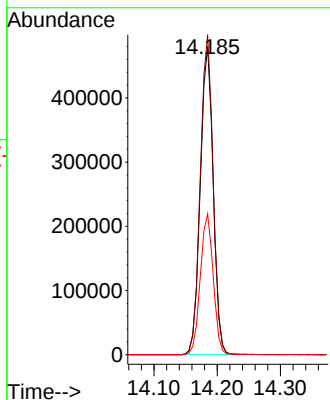
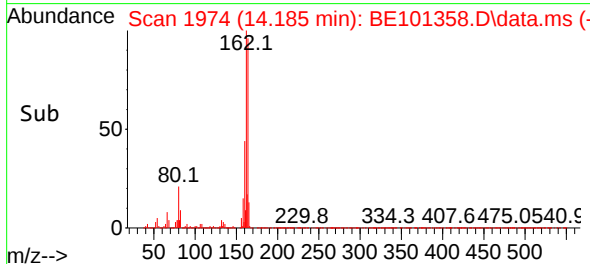
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



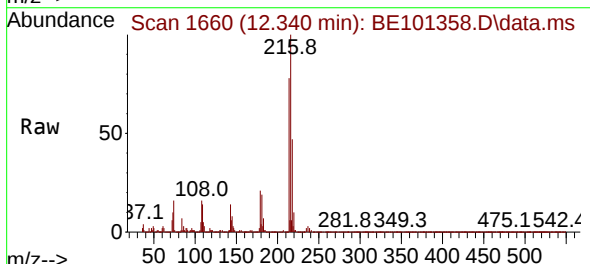
Tgt Ion:164 Resp: 67682
Ion Ratio Lower Upper
164 100
162 103.9 82.6 123.8
160 45.7 36.1 54.1

Manual Integrations
APPROVED

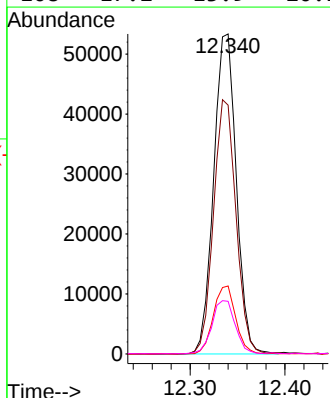
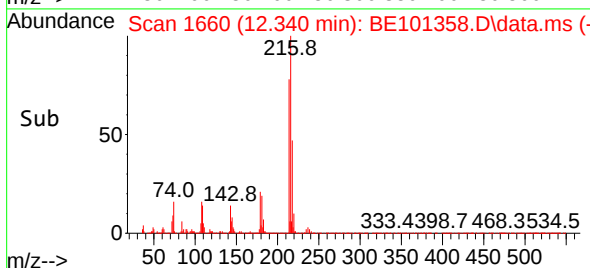
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

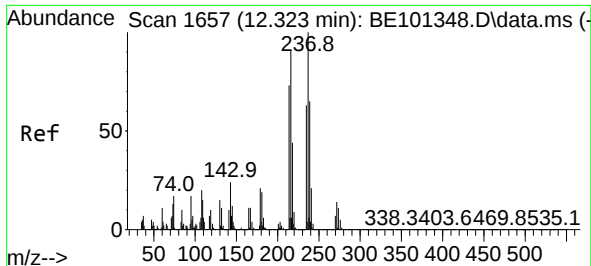


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.425 ng
RT: 12.340 min Scan# 1660
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



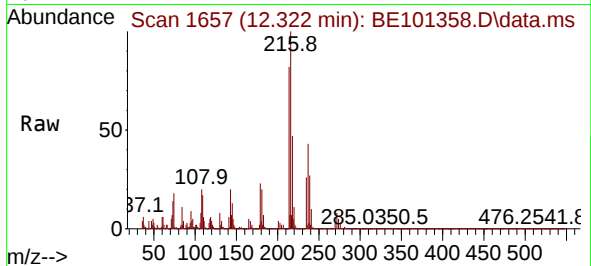
Tgt Ion:216 Resp: 88455
Ion Ratio Lower Upper
216 100
214 79.1 62.6 94.0
179 21.0 16.9 25.3
108 17.2 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 2.758 ng
RT: 12.322 min Scan# 1657
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

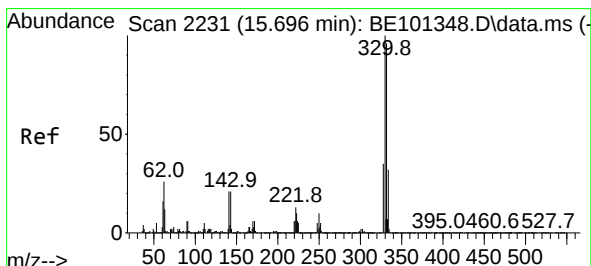
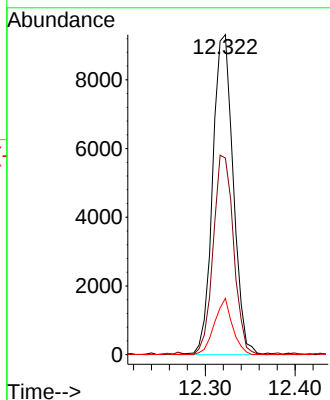
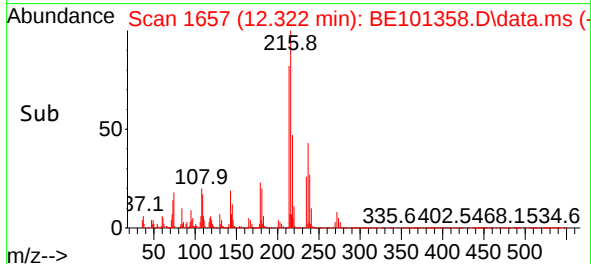
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 237 Resp: 1477
Ion Ratio Lower Upper
237 100
235 61.5 42.9 82.9
272 17.6 0.0 34.0

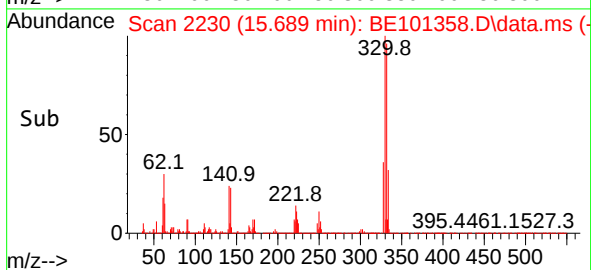
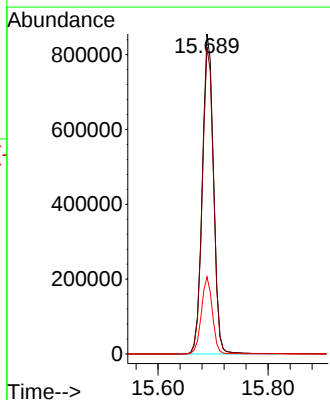
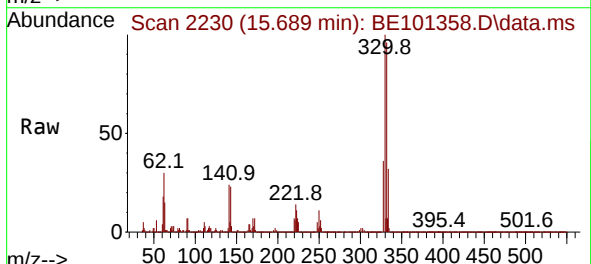
Manual Integrations
APPROVED

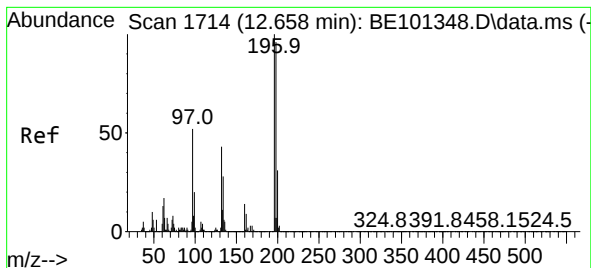
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#42
2,4,6-Tribromophenol
Concen: 106.229 ng
RT: 15.689 min Scan# 2230
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion: 330 Resp: 1209304
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 23.7 19.1 28.7





#43

2,4,6-Trichlorophenol

Concen: 4.857 ng

RT: 12.657 min Scan# 1714

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

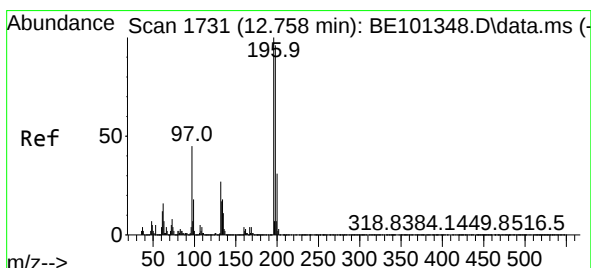
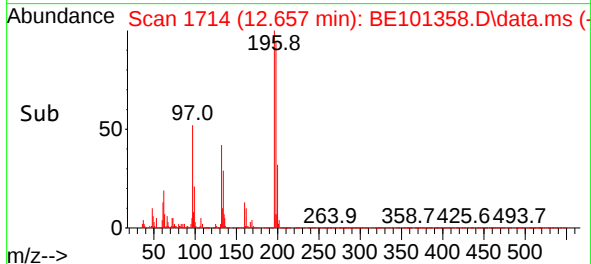
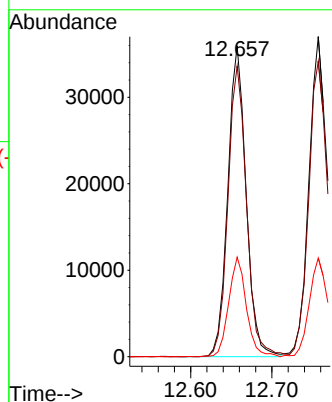
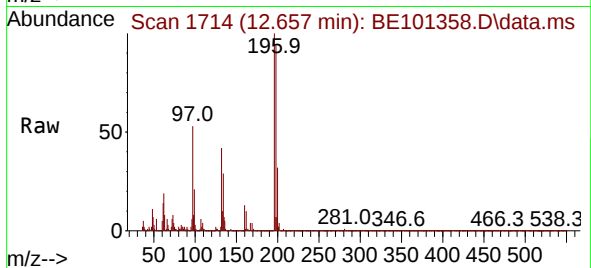
LOQ-WATER-02-QT2-2024

Tgt Ion:	196	Resp:	56080
Ion Ratio	Lower	Upper	
196	100		
198	93.5	76.8	115.2
200	32.0	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: 4.900 ng

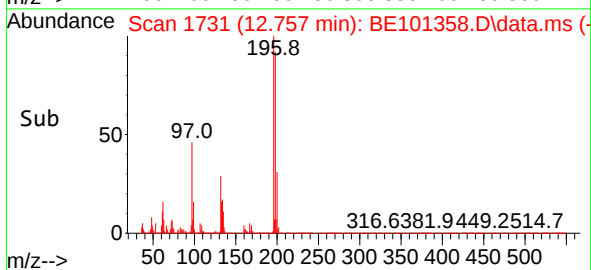
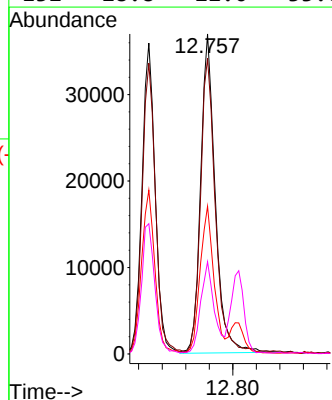
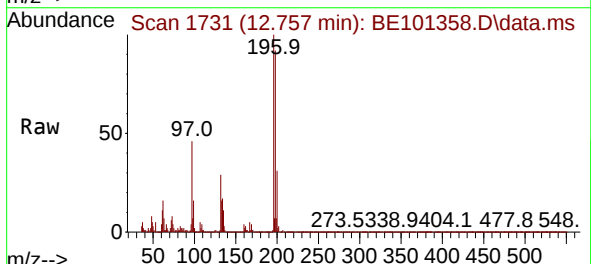
RT: 12.757 min Scan# 1731

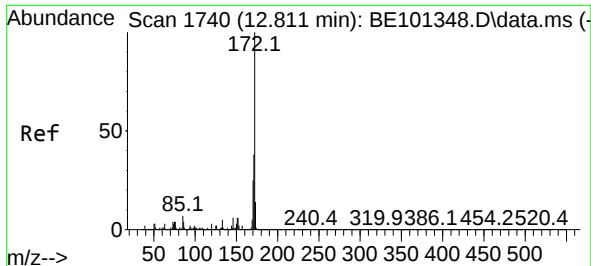
Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

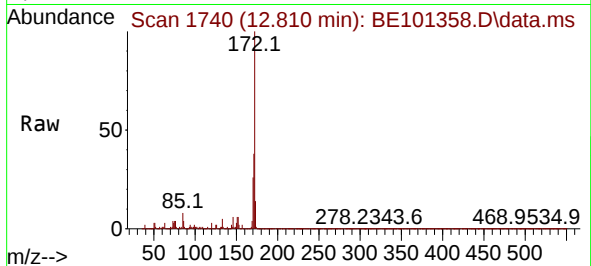
Tgt Ion:	196	Resp:	63837
Ion Ratio	Lower	Upper	
196	100		
198	92.4	76.9	115.3
97	46.2	36.2	54.2
132	28.8	22.0	33.0





#45
2-Fluorobiphenyl
Concen: 77.571 ng
RT: 12.810 min Scan# 1740
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

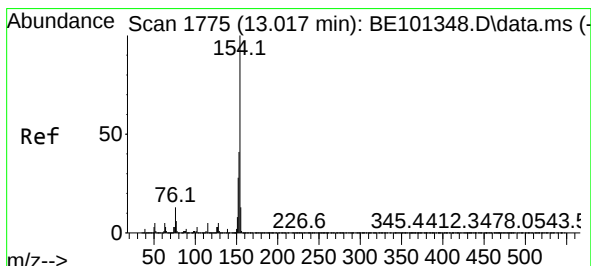
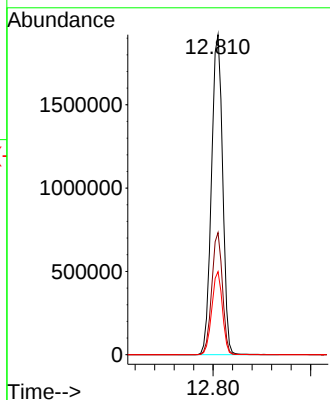
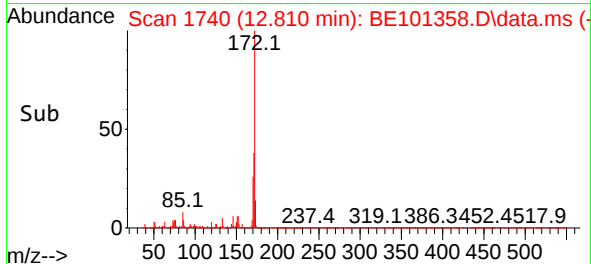
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:172 Resp: 3038194
Ion Ratio Lower Upper
172 100
171 38.1 30.2 45.2
170 26.0 20.2 30.4

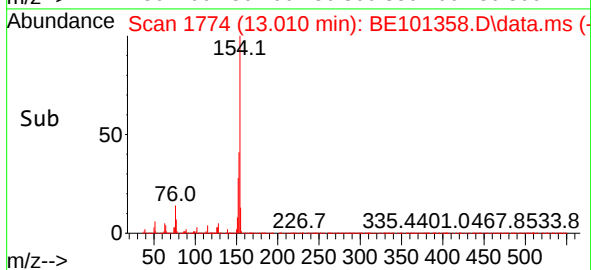
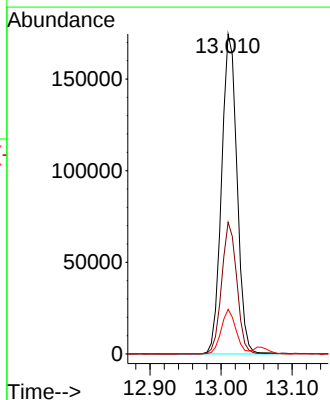
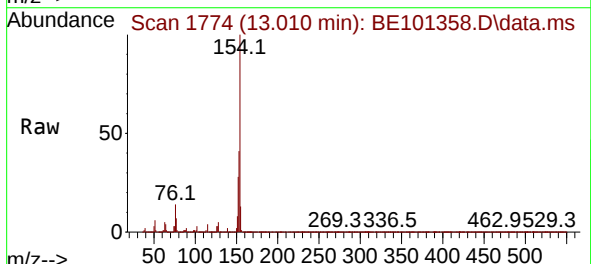
Manual Integrations
APPROVED

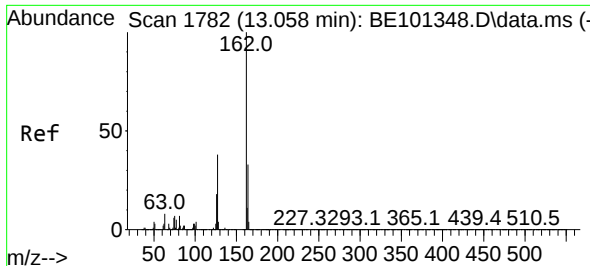
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#46
1,1'-Biphenyl
Concen: 5.722 ng
RT: 13.010 min Scan# 1774
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:154 Resp: 262444
Ion Ratio Lower Upper
154 100
153 41.2 21.2 61.2
76 14.0 0.0 33.4





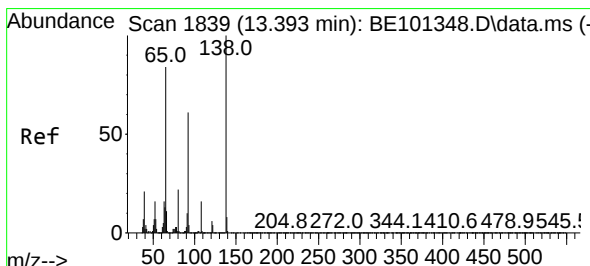
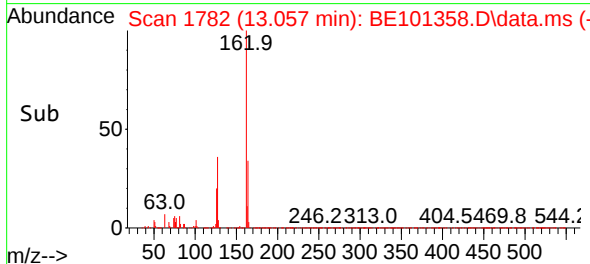
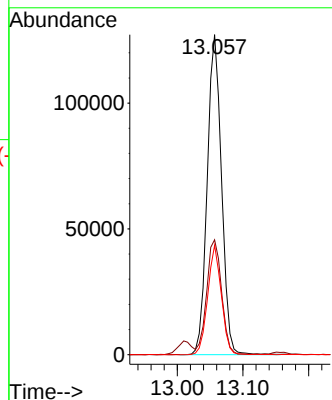
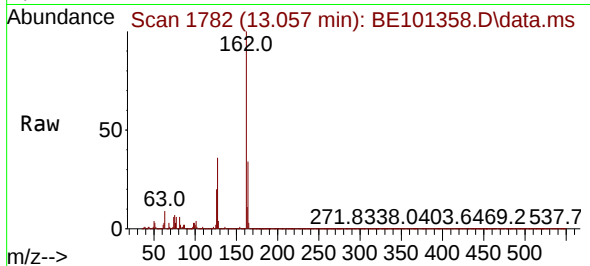
#47
2-Chloronaphthalene
Concen: 5.343 ng
RT: 13.057 min Scan# 1782
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:162 Resp: 192760
Ion Ratio Lower Upper
162 100
127 35.9 31.2 46.8
164 34.2 26.2 39.2

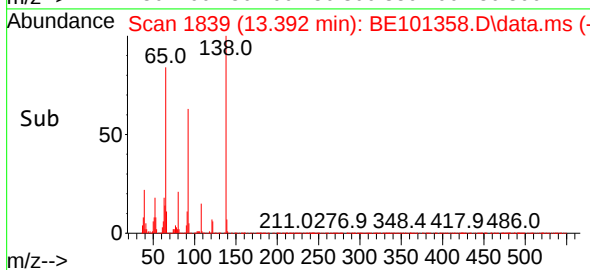
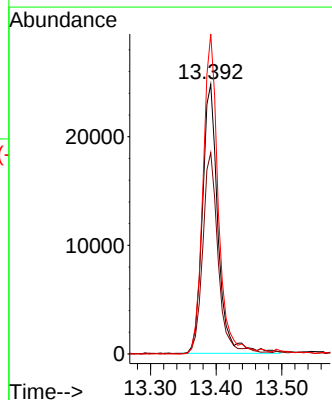
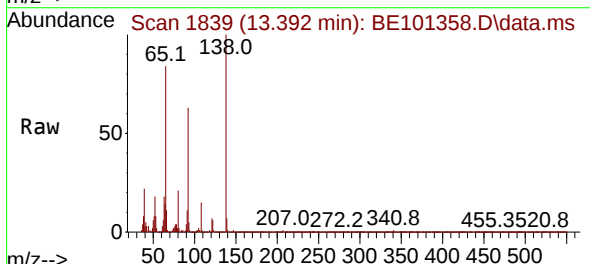
Manual Integrations
APPROVED

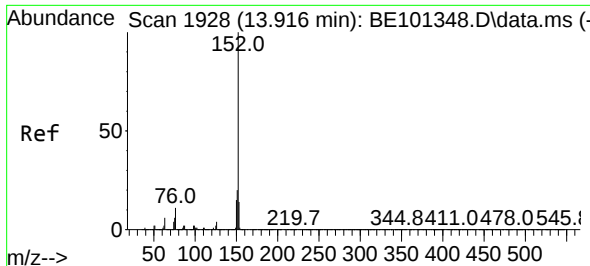
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#48
2-Nitroaniline
Concen: 4.221 ng
RT: 13.392 min Scan# 1839
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion: 65 Resp: 40975
Ion Ratio Lower Upper
65 100
92 74.7 58.3 87.5
138 118.7 95.0 142.4





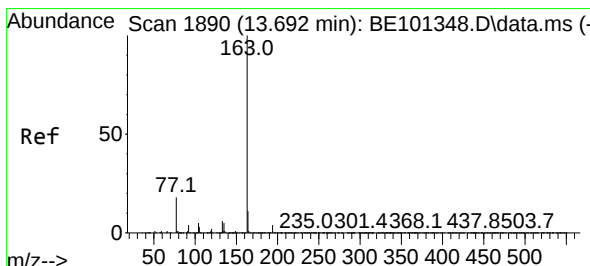
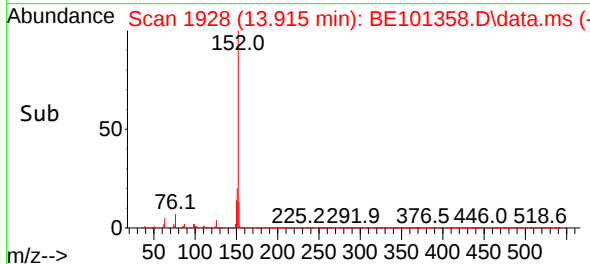
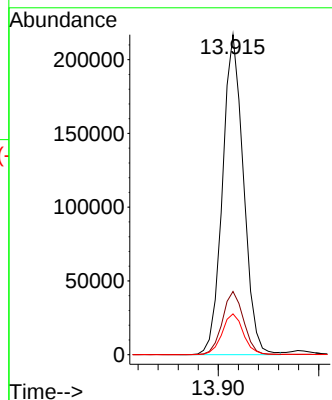
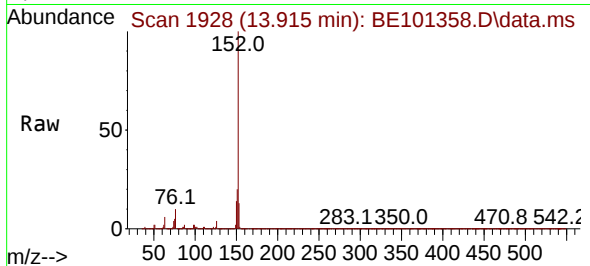
#49
Acenaphthylene
Concen: 5.836 ng
RT: 13.915 min Scan# 1928
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:152 Resp: 31415
Ion Ratio Lower Upper
152 100
151 19.7 16.4 24.6
153 12.8 11.1 16.7

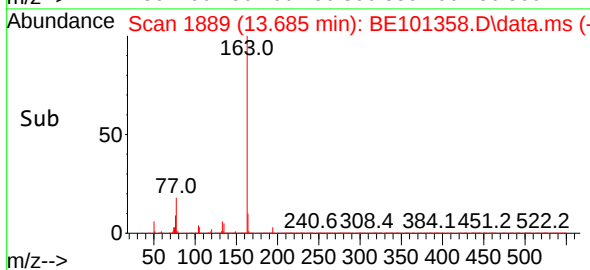
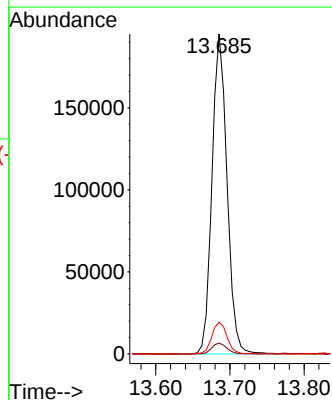
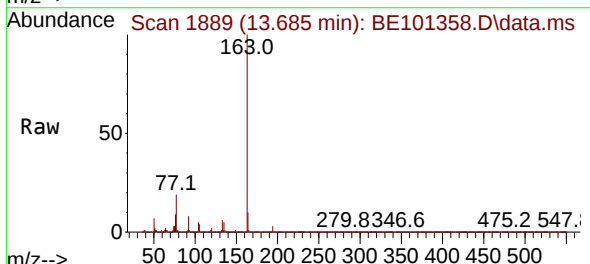
Manual Integrations
APPROVED

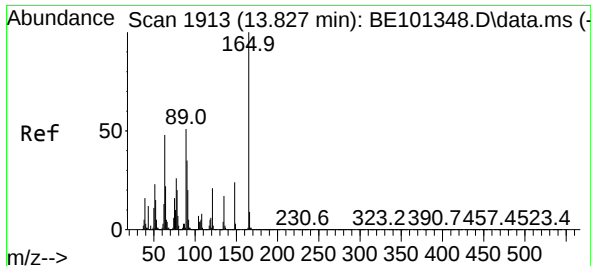
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#50
Dimethylphthalate
Concen: 5.615 ng
RT: 13.685 min Scan# 1889
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

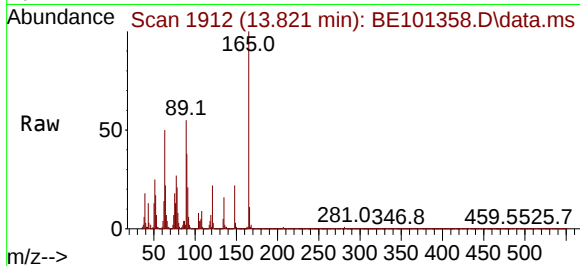
Tgt Ion:163 Resp: 274209
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 4.559 ng
RT: 13.821 min Scan# 1913
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

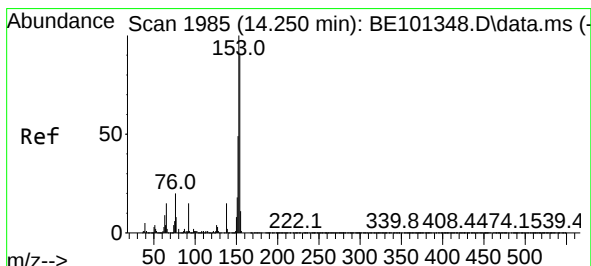
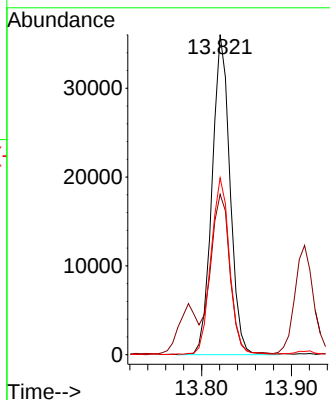
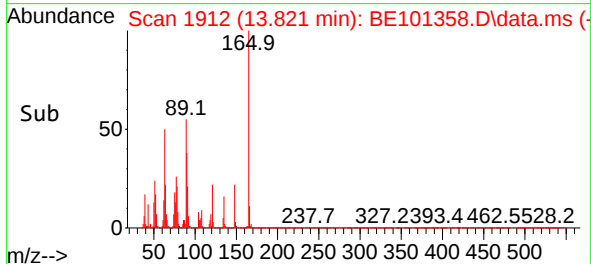
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



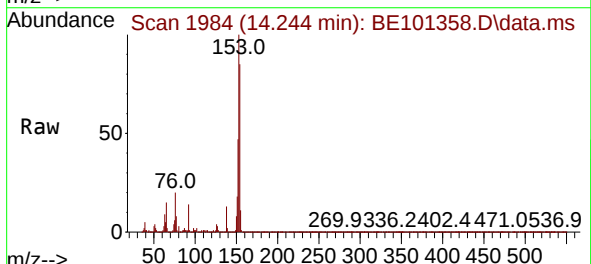
Tgt Ion:165 Resp: 4983
Ion Ratio Lower Upper
165 100
63 50.1 38.5 57.7
89 55.3 40.5 60.7

Manual Integrations
APPROVED

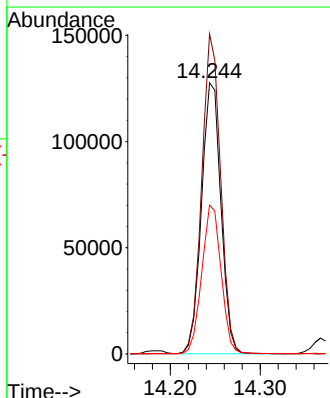
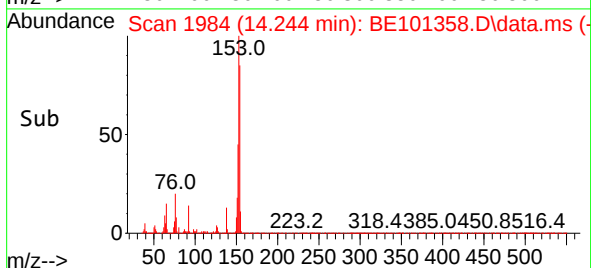
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

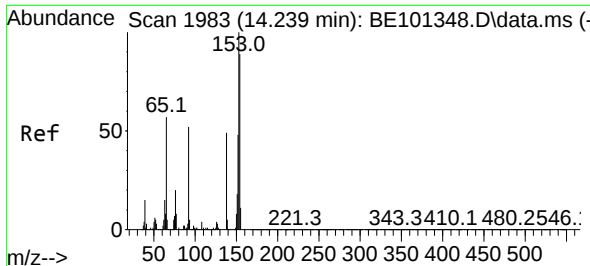


#52
Acenaphthene
Concen: 5.390 ng
RT: 14.244 min Scan# 1984
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45



Tgt Ion:154 Resp: 191288
Ion Ratio Lower Upper
154 100
153 118.0 88.8 133.2
152 54.9 43.2 64.8





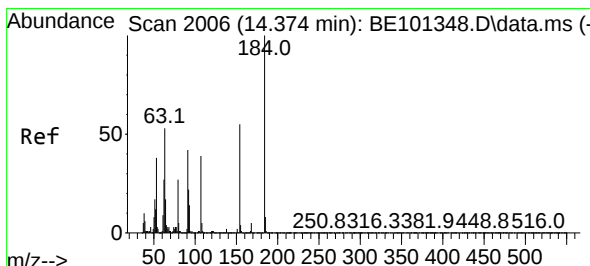
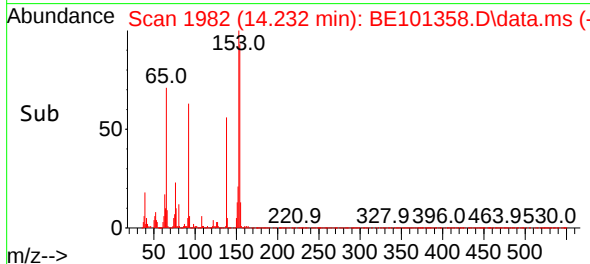
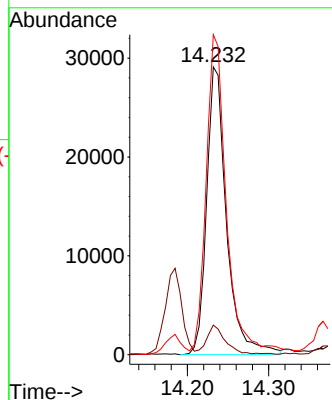
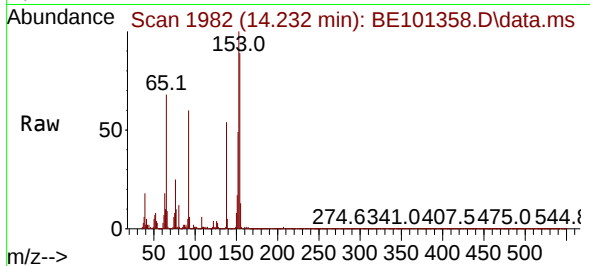
#53
3-Nitroaniline
Concen: 4.403 ng
RT: 14.232 min Scan# 1983
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:138 Resp: 49499
Ion Ratio Lower Upper
138 100
108 10.3 7.2 10.8
92 111.2 85.7 128.5

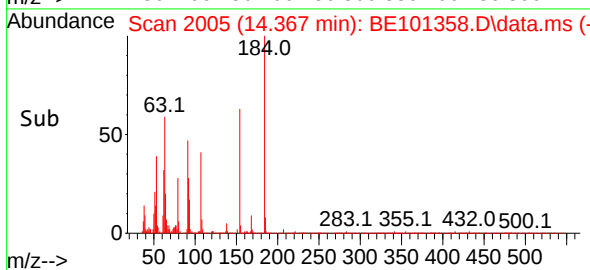
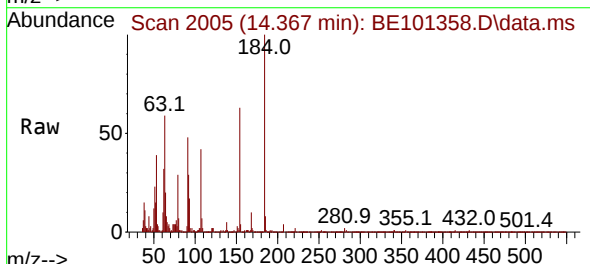
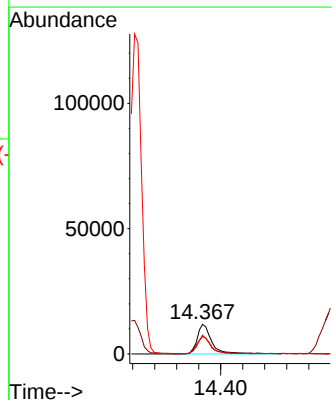
Manual Integrations
APPROVED

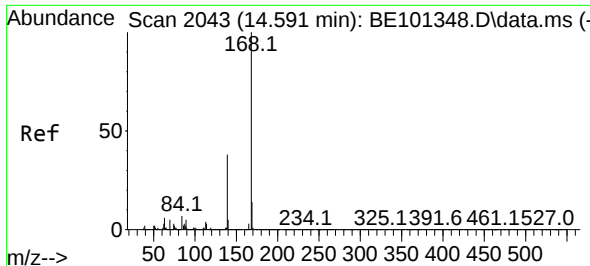
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#54
2,4-Dinitrophenol
Concen: 3.343 ng
RT: 14.367 min Scan# 2005
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

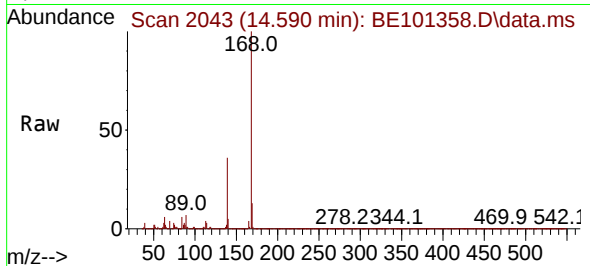
Tgt Ion:184 Resp: 21753
Ion Ratio Lower Upper
184 100
63 59.0 42.5 63.7
154 63.1 44.2 66.2





#55
Dibenzenofuran
Concen: 5.715 ng
RT: 14.590 min Scan# 2043
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

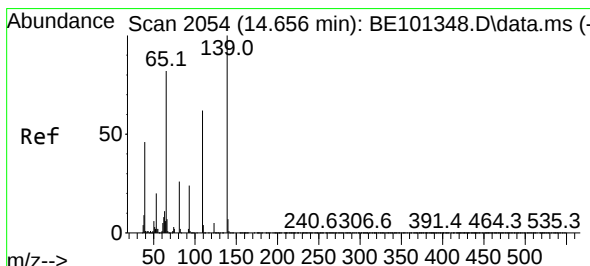
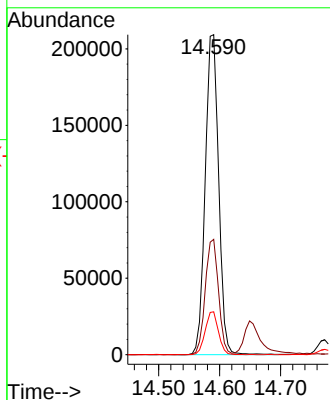
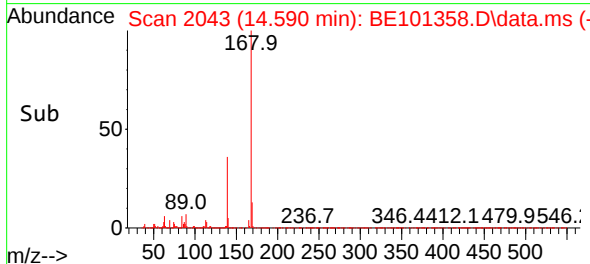
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:168 Resp: 32034
Ion Ratio Lower Upper
168 100
139 36.1 30.5 45.7
169 13.4 11.4 17.2

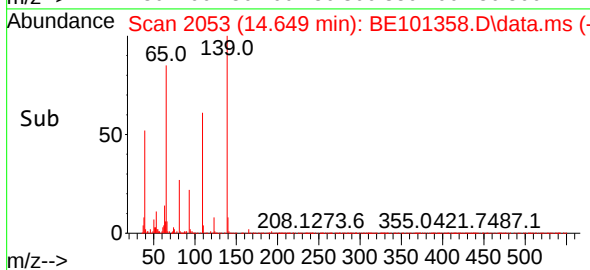
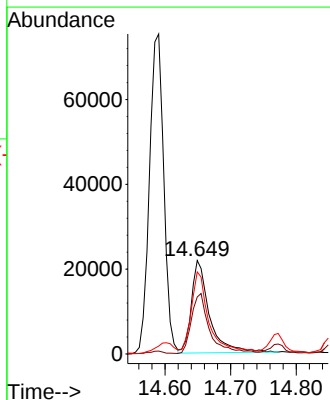
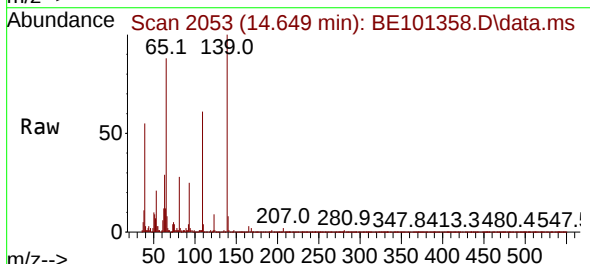
Manual Integrations
APPROVED

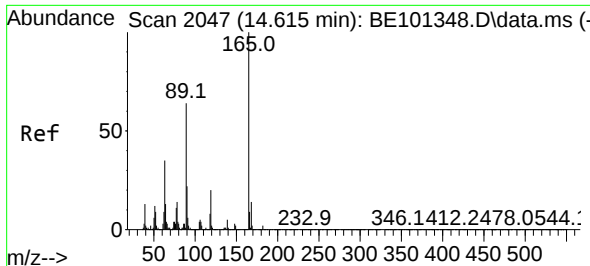
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#56
4-Nitrophenol
Concen: 4.425 ng
RT: 14.649 min Scan# 2053
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:139 Resp: 41364
Ion Ratio Lower Upper
139 100
109 60.9 41.9 81.9
65 87.8 63.0 103.0





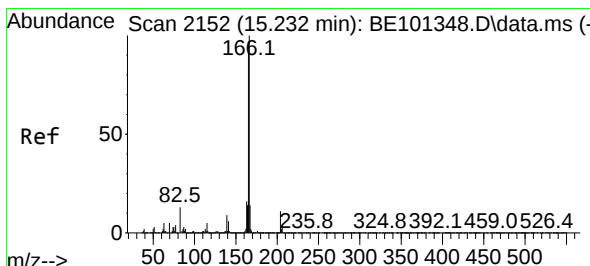
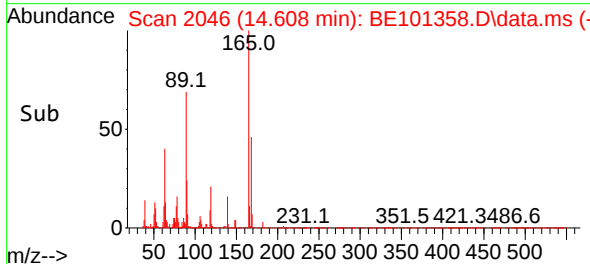
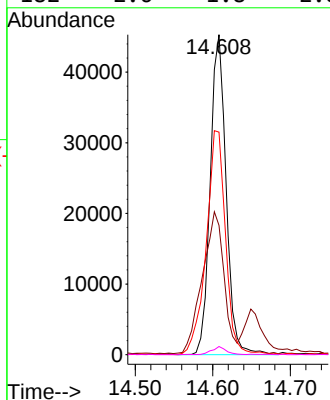
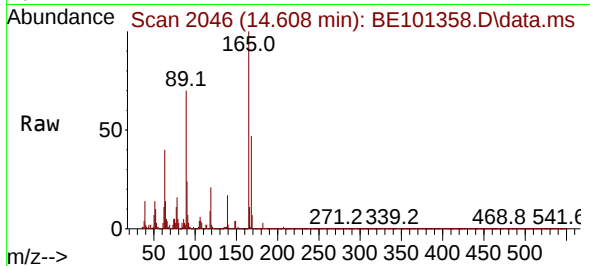
#57
2,4-Dinitrotoluene
Concen: 4.337 ng
RT: 14.608 min Scan# 2046
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:	165	Resp:	64524
Ion Ratio	Lower	Upper	
165	100		
63	40.4	28.4	42.6
89	69.6	51.0	76.4
182	2.6	1.8	2.8

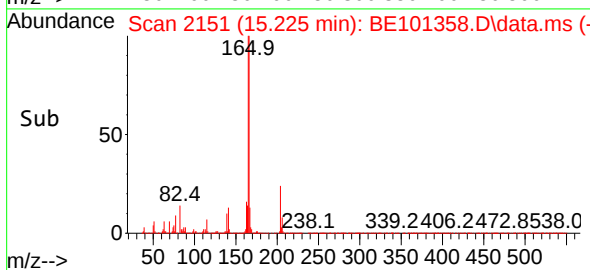
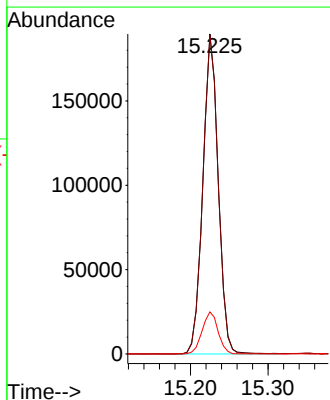
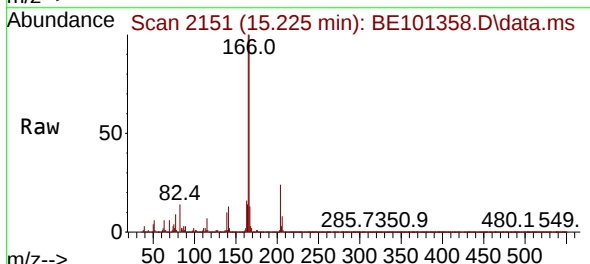
Manual Integrations
APPROVED

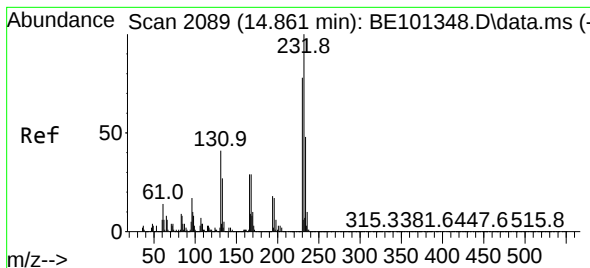
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#58
Fluorene
Concen: 5.545 ng
RT: 15.225 min Scan# 2151
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:	166	Resp:	261900
Ion Ratio	Lower	Upper	
166	100		
165	99.7	77.8	116.8
167	13.1	11.0	16.6





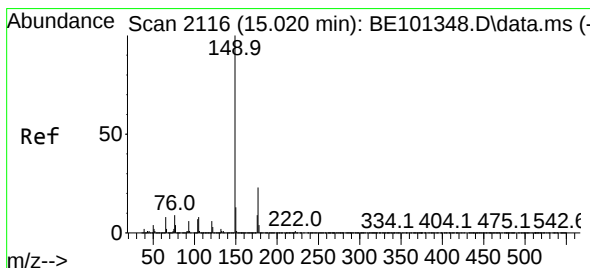
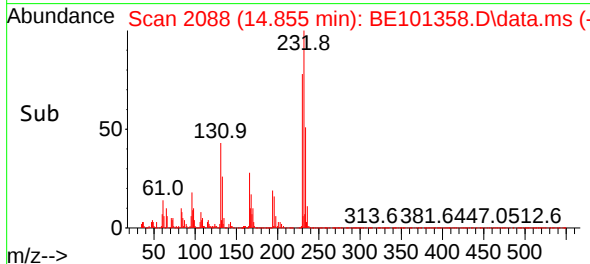
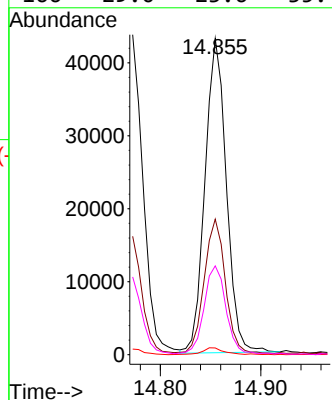
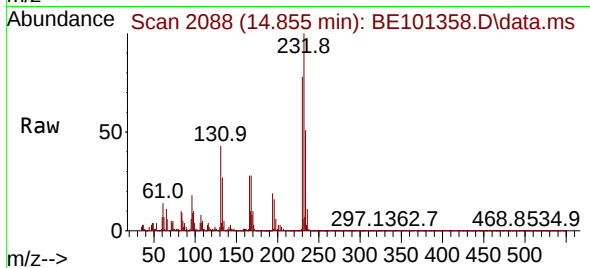
#59
2,3,4,6-Tetrachlorophenol
Concen: 5.172 ng
RT: 14.855 min Scan# 2088
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:232 Resp: 63720
Ion Ratio Lower Upper
232 100
131 42.6 34.2 51.4
130 2.4 1.8 2.6
166 29.0 23.6 35.4

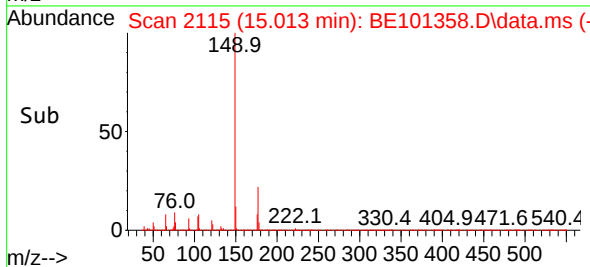
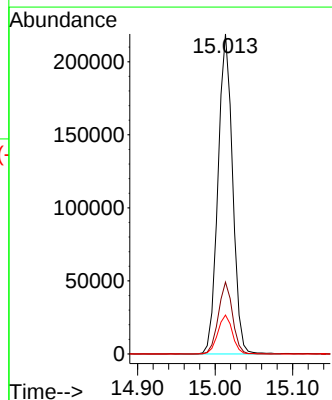
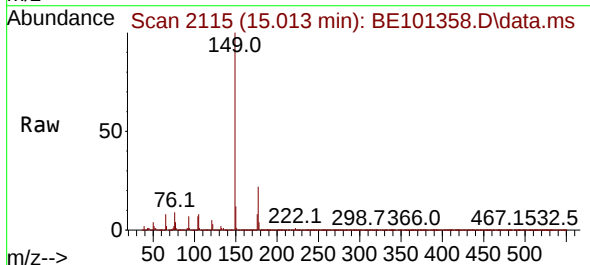
Manual Integrations
APPROVED

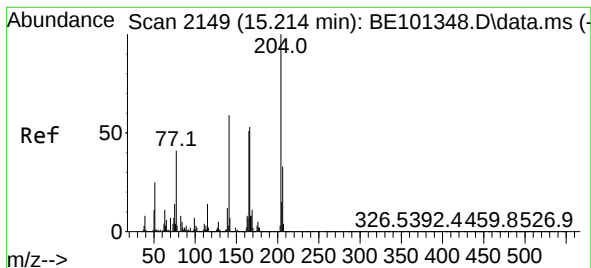
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#60
Diethylphthalate
Concen: 5.656 ng
RT: 15.013 min Scan# 2115
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:149 Resp: 286566
Ion Ratio Lower Upper
149 100
177 22.4 18.4 27.6
150 12.2 10.0 15.0





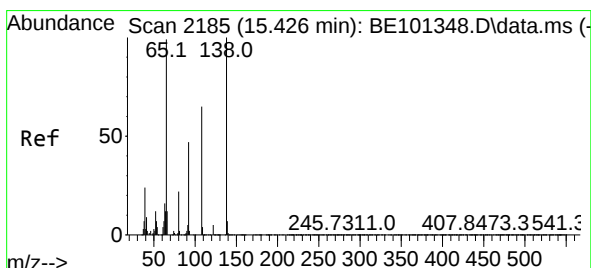
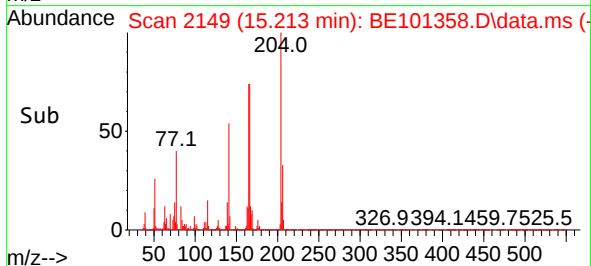
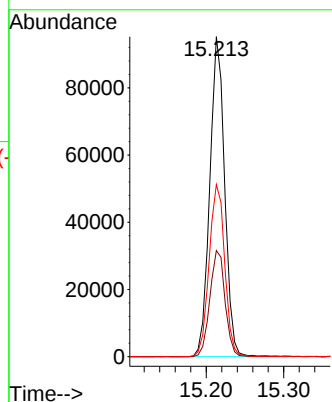
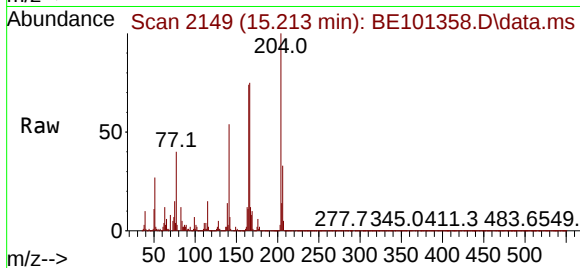
#61
4-Chlorophenyl-phenylether
Concen: 5.470 ng
RT: 15.213 min Scan# 2149
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:204 Resp: 126710
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 53.8 47.2 70.8

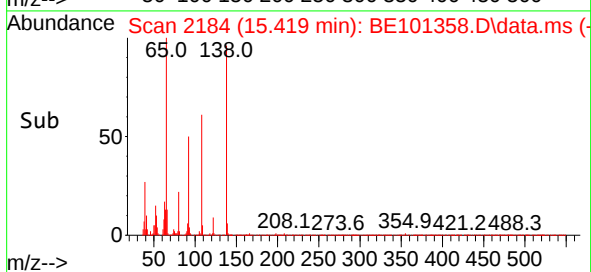
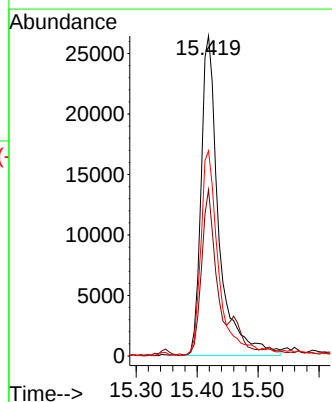
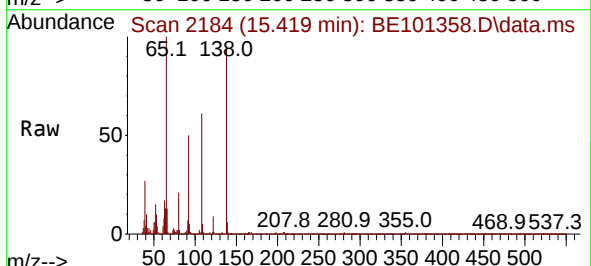
Manual Integrations
APPROVED

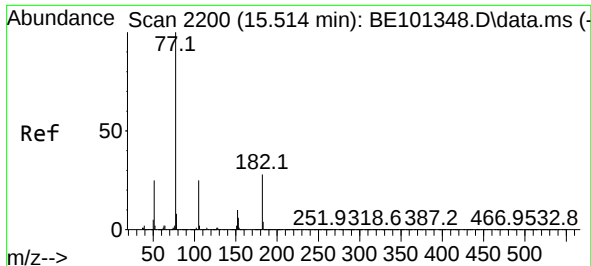
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#62
4-Nitroaniline
Concen: 4.557 ng
RT: 15.419 min Scan# 2184
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

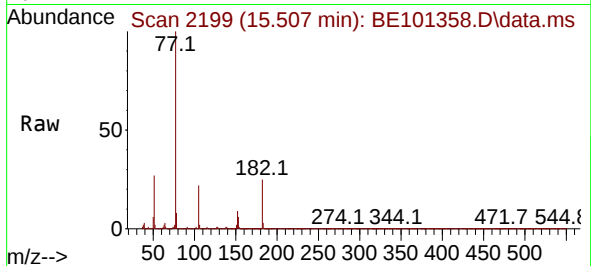
Tgt Ion:138 Resp: 53396
Ion Ratio Lower Upper
138 100
92 52.0 26.8 66.8
108 64.1 44.7 84.7





#63
Azobenzene
Concen: 5.642 ng
RT: 15.507 min Scan# 2199
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

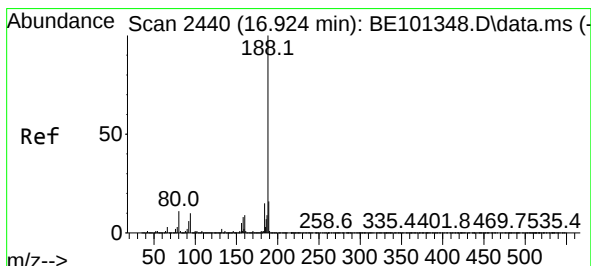
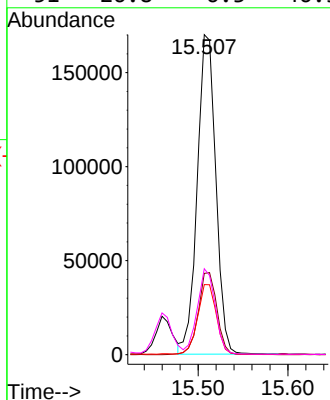
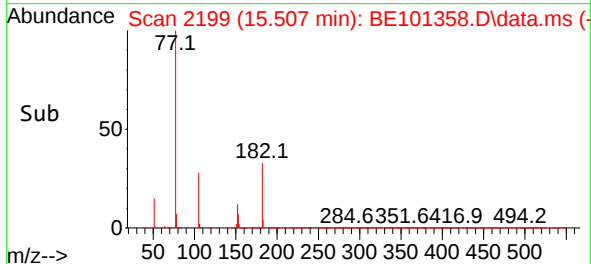
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion: 77 Resp: 24429
Ion Ratio Lower Upper
77 100
182 25.4 7.8 47.8
105 21.9 4.3 44.3
51 26.8 6.3 46.3

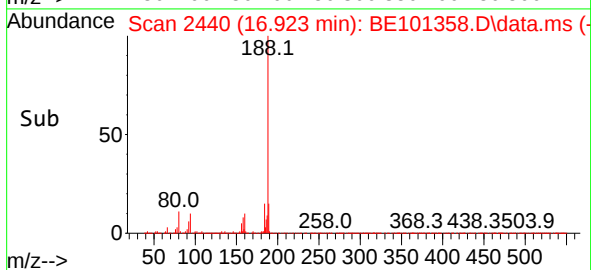
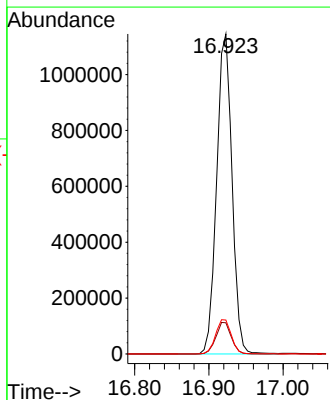
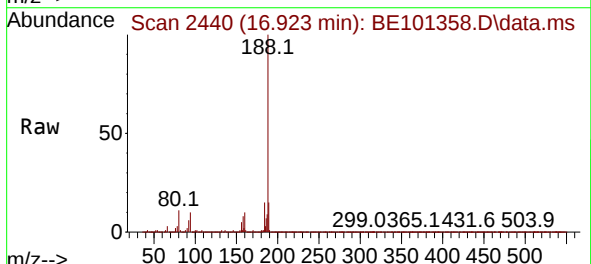
Manual Integrations
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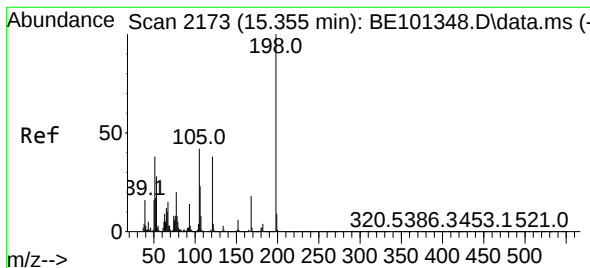
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 2440
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:188 Resp: 1645939
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.6 8.6 13.0





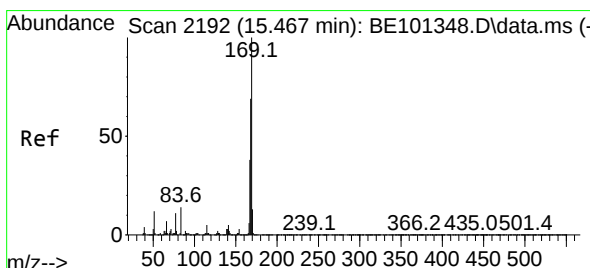
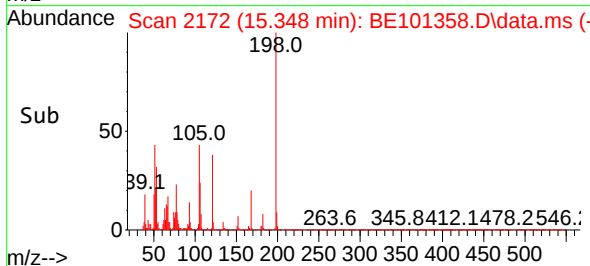
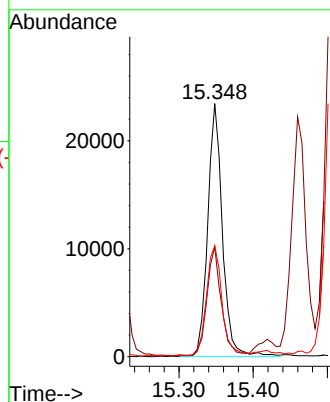
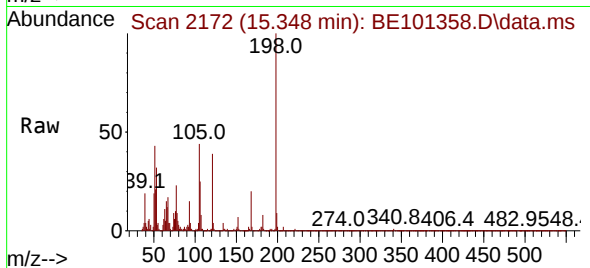
#65
4,6-Dinitro-2-methylphenol
Concen: 3.447 ng
RT: 15.348 min Scan# 2172
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:198 Resp: 3221
Ion Ratio Lower Upper
198 100
51 43.3 18.1 58.1
105 43.9 22.0 62.0

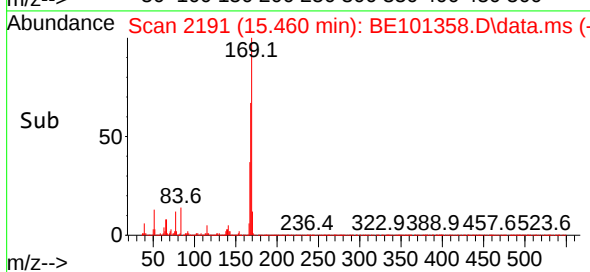
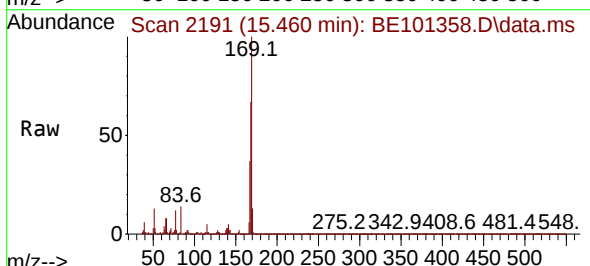
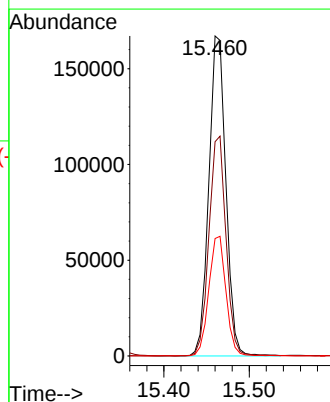
Manual Integrations
APPROVED

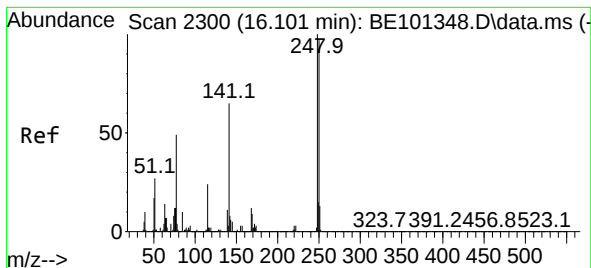
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 5.288 ng
RT: 15.460 min Scan# 2191
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:169 Resp: 231989
Ion Ratio Lower Upper
169 100
168 66.9 55.1 82.7
167 36.7 30.5 45.7





#67

4-Bromophenyl-phenylether

Concen: 5.103 ng

RT: 16.100 min Scan# 2300

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

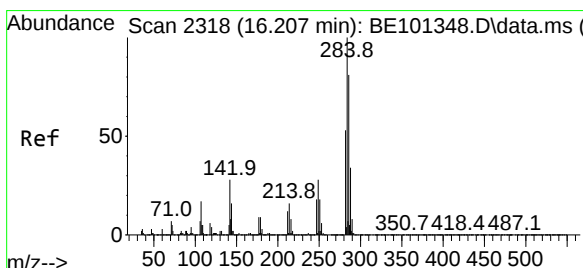
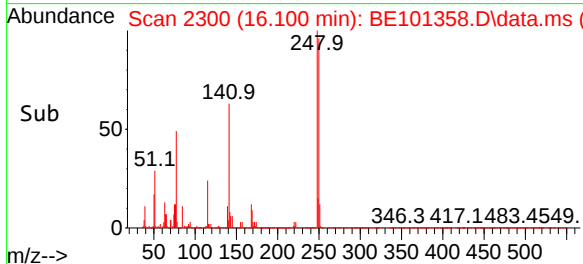
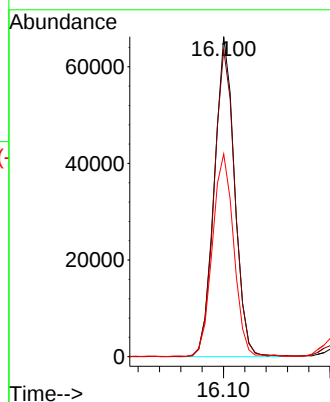
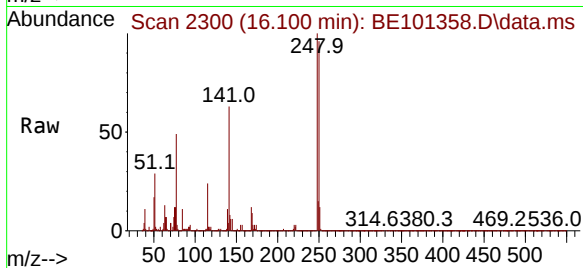
LOQ-WATER-02-QT2-2024

Tgt Ion:	248	Resp:	87254
Ion Ratio	Lower	Upper	
248	100		
250	95.9	77.7	116.5
141	63.4	51.8	77.8

Manual Integrations

APPROVED

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



#68

Hexachlorobenzene

Concen: 5.016 ng

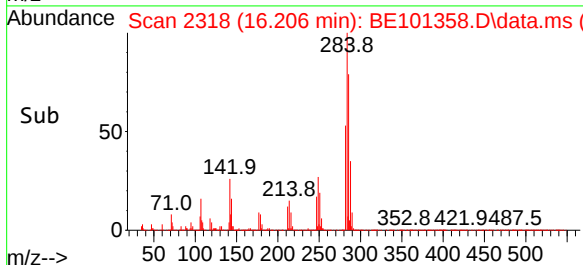
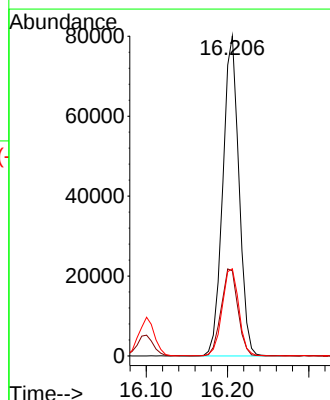
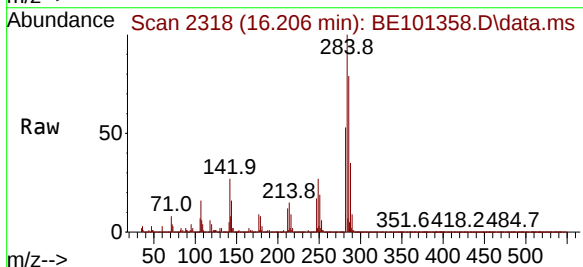
RT: 16.206 min Scan# 2318

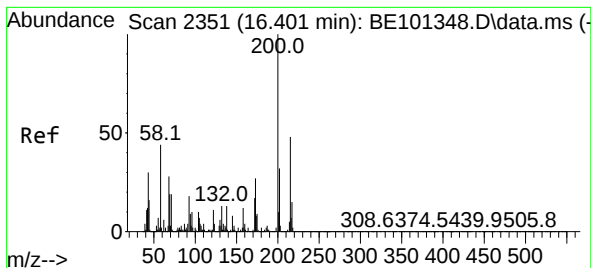
Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	284	Resp:	110842
Ion Ratio	Lower	Upper	
284	100		
142	26.6	22.1	33.1
249	27.2	22.7	34.1





#69

Atrazine

Concen: 6.263 ng

RT: 16.394 min Scan# 21

Delta R.T. -0.007 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

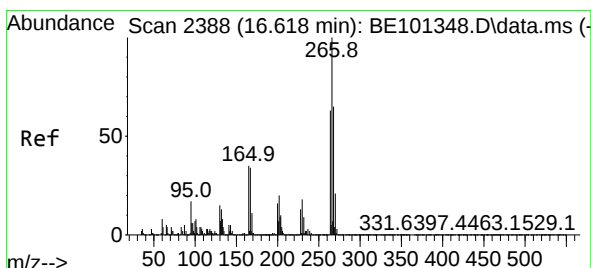
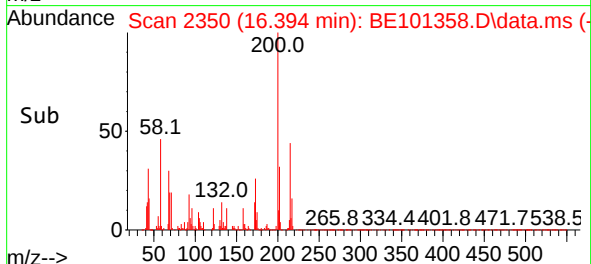
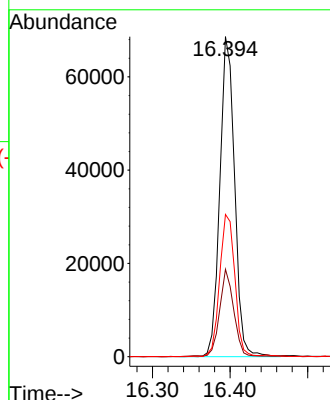
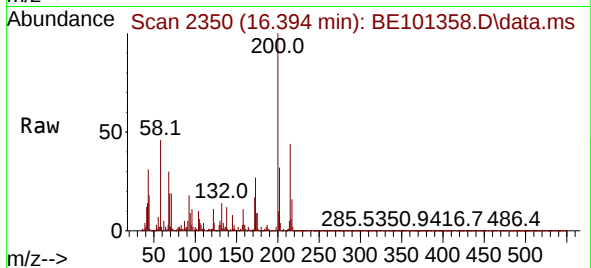
LOQ-WATER-02-QT2-2024

Tgt Ion:	200	Resp:	9074
Ion Ratio	Lower	Upper	
200	100		
173	27.3	6.9	46.9
215	44.5	27.8	67.8

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 4.050 ng

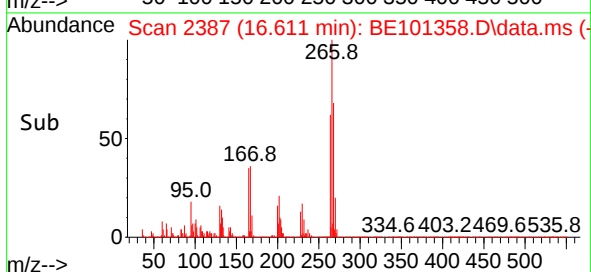
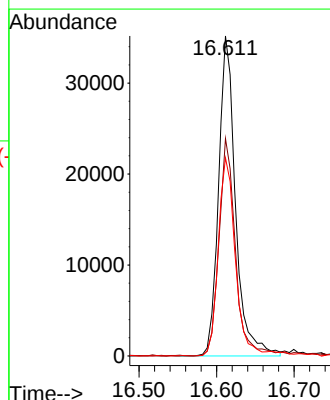
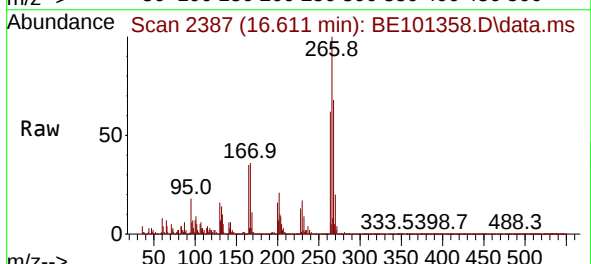
RT: 16.611 min Scan# 2387

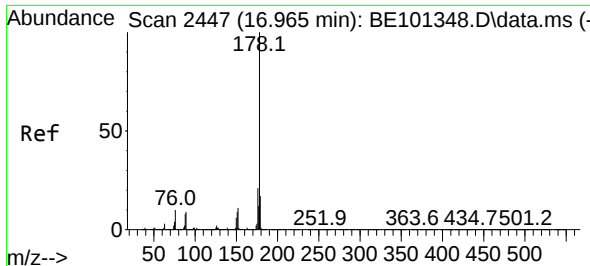
Delta R.T. -0.007 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	266	Resp:	53476
Ion Ratio	Lower	Upper	
266	100		
268	68.0	52.2	78.4
264	61.9	50.5	75.7





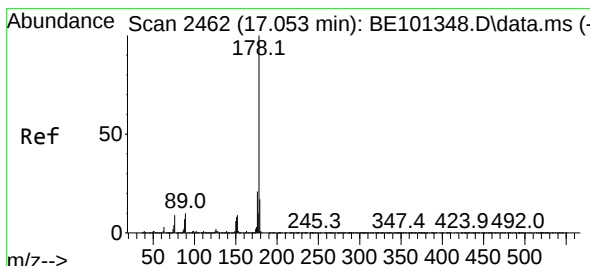
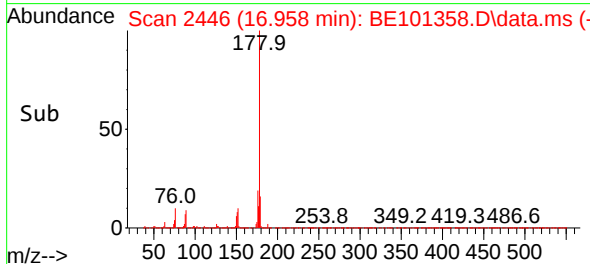
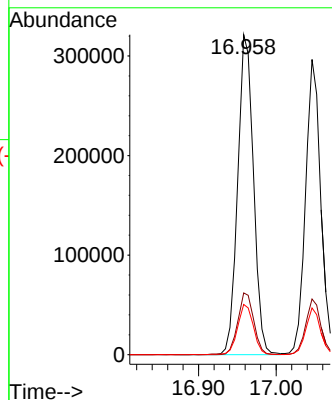
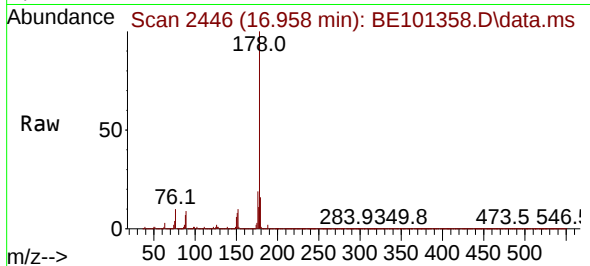
#71
Phenanthrene
Concen: 5.826 ng
RT: 16.958 min Scan# 2446
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:178 Resp: 45544
Ion Ratio Lower Upper
178 100
176 19.3 16.8 25.2
179 15.7 13.3 19.9

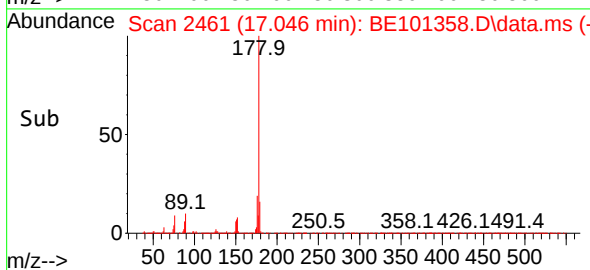
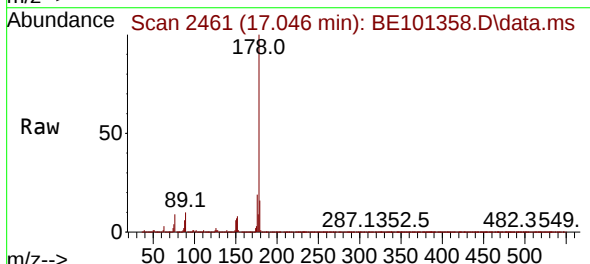
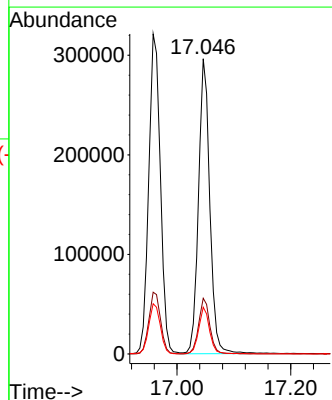
Manual Integrations
APPROVED

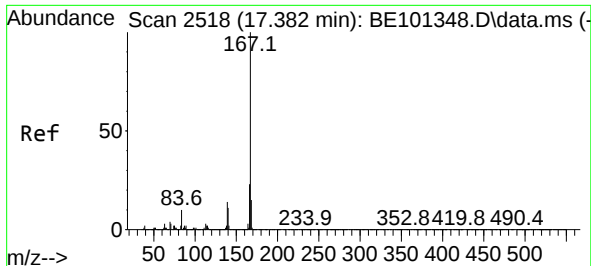
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#72
Anthracene
Concen: 5.392 ng
RT: 17.046 min Scan# 2461
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:178 Resp: 410177
Ion Ratio Lower Upper
178 100
176 18.8 16.4 24.6
179 15.8 13.4 20.0





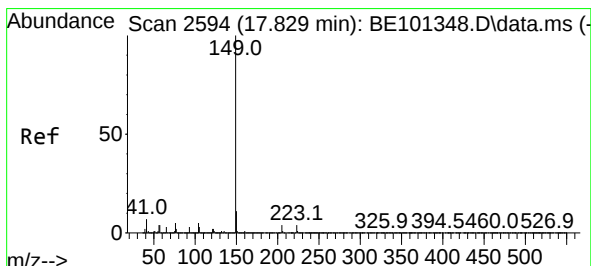
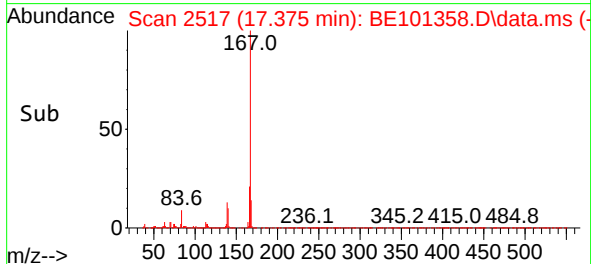
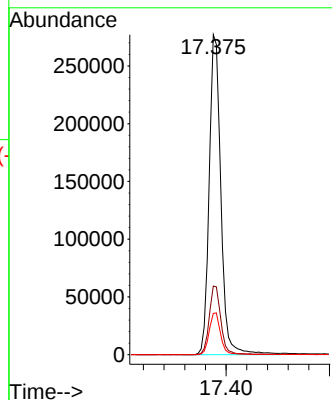
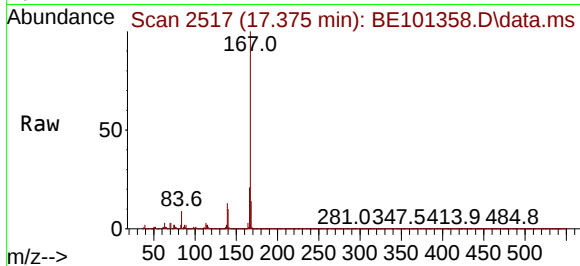
#73
 Carbazole
 Concen: 5.570 ng
 RT: 17.375 min Scan# 2517
 Delta R.T. -0.007 min
 Lab File: BE101358.D
 Acq: 18 Sep 2024 11:45

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

Tgt Ion:167 Resp: 434200
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.4 27.6
 139 12.9 11.1 16.7

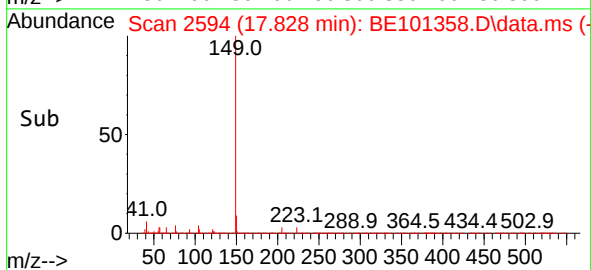
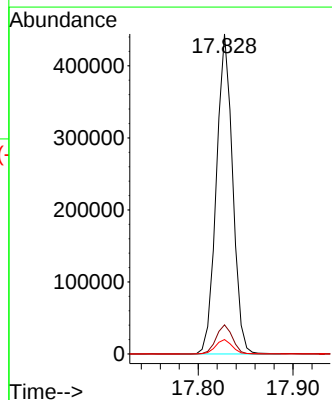
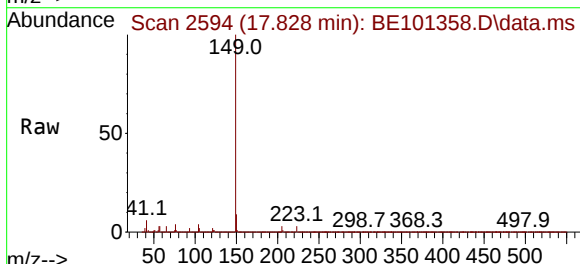
Manual Integrations
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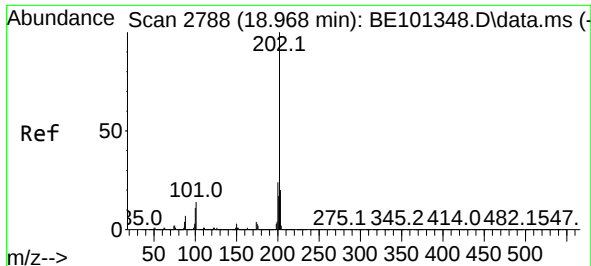
Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#74
 Di-n-butylphthalate
 Concen: 6.196 ng
 RT: 17.828 min Scan# 2594
 Delta R.T. -0.001 min
 Lab File: BE101358.D
 Acq: 18 Sep 2024 11:45

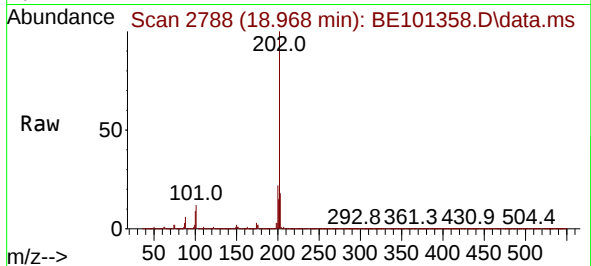
Tgt Ion:149 Resp: 530368
 Ion Ratio Lower Upper
 149 100
 150 9.1 9.0 13.6
 104 4.5 4.4 6.6





#75
Fluoranthene
Concen: 6.104 ng
RT: 18.968 min Scan# 21
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

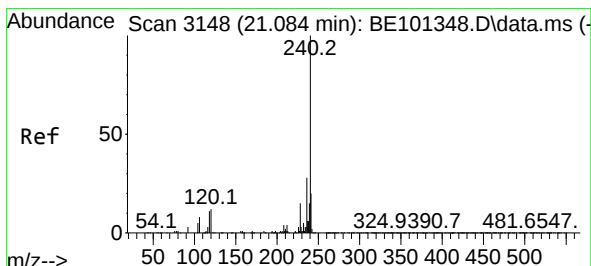
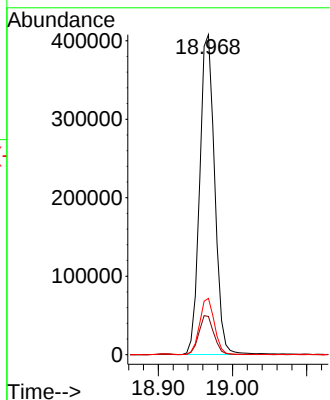
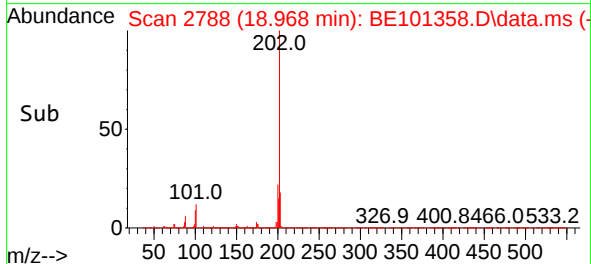
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT2-2024



Tgt Ion:202 Resp: 57444
Ion Ratio Lower Upper
202 100
101 11.9 0.0 34.2
203 17.6 0.4 40.4

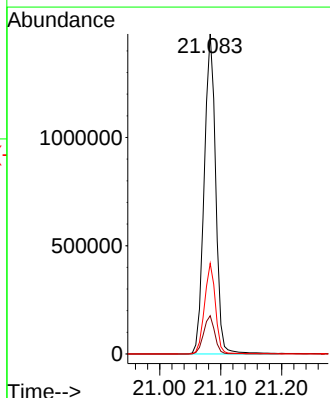
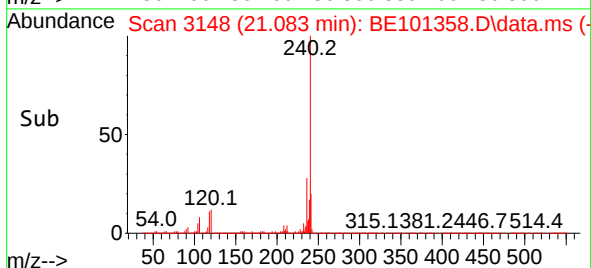
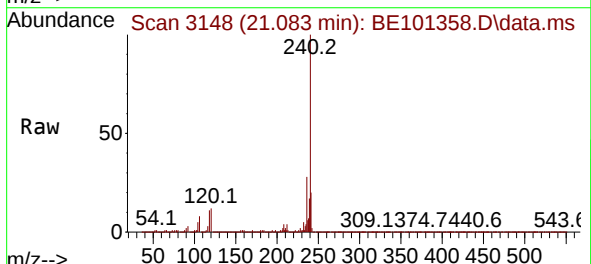
Manual Integrations
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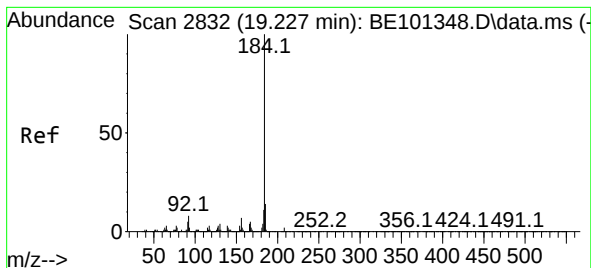
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:240 Resp: 1937507
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.8
236 28.3 22.1 33.1





#77

Benzidine

Concen: 2.911 ng

RT: 19.226 min Scan# 2832

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

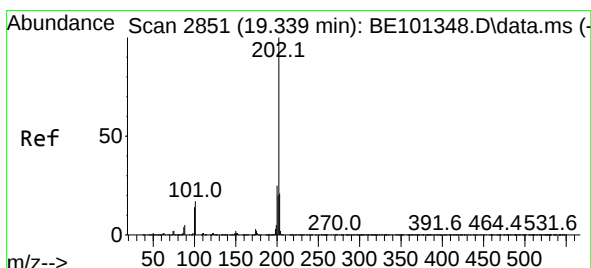
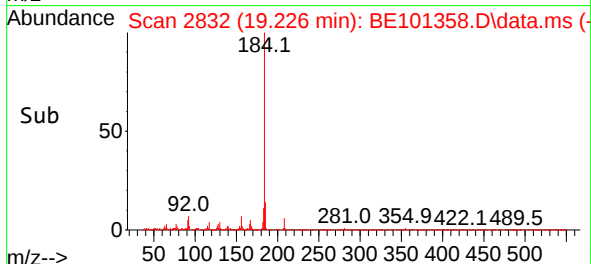
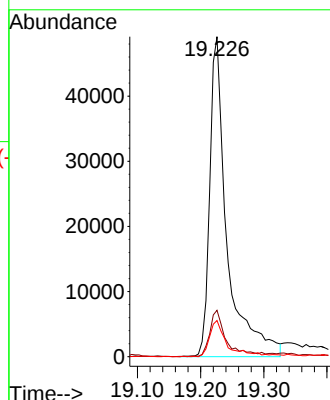
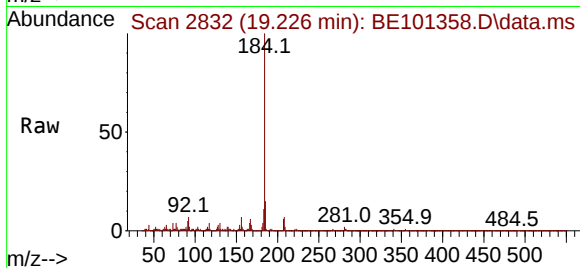
LOQ-WATER-02-QT2-2024

Tgt Ion:	184	Resp:	9360
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.4	17.2
183	11.3	9.1	13.7

Manual Integrations

APPROVED

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



#78

Pyrene

Concen: 5.730 ng

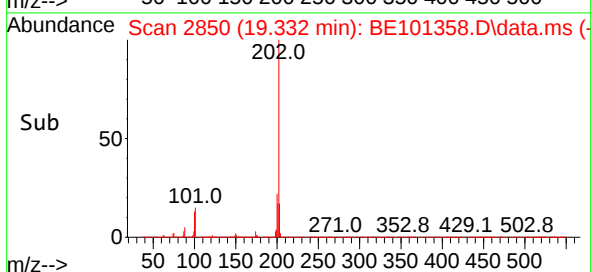
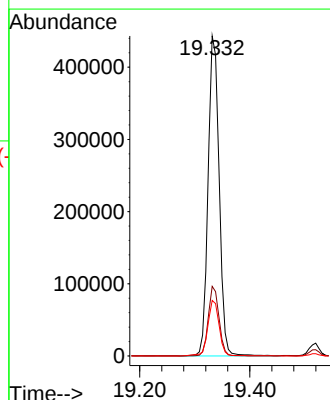
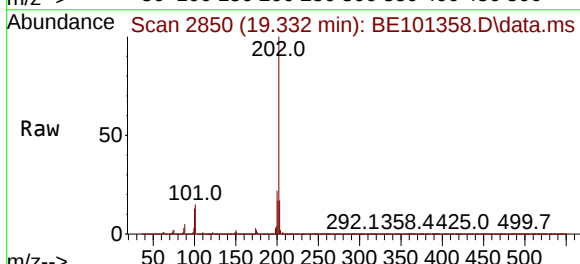
RT: 19.332 min Scan# 2850

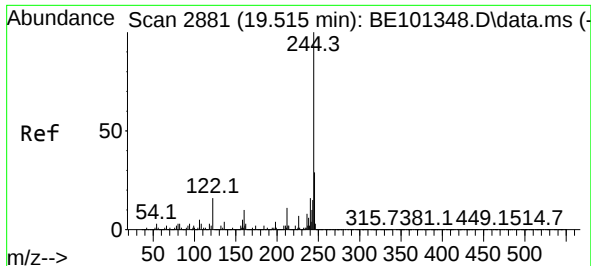
Delta R.T. -0.007 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

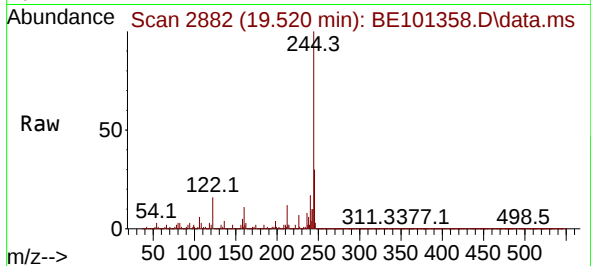
Tgt Ion:	202	Resp:	617502
Ion Ratio	Lower	Upper	
202	100		
200	21.7	20.2	30.2
203	17.4	16.6	25.0





#79
 Terphenyl-d14
 Concen: 58.769 ng
 RT: 19.520 min Scan# 2881
 Delta R.T. 0.005 min
 Lab File: BE101358.D
 Acq: 18 Sep 2024 11:45

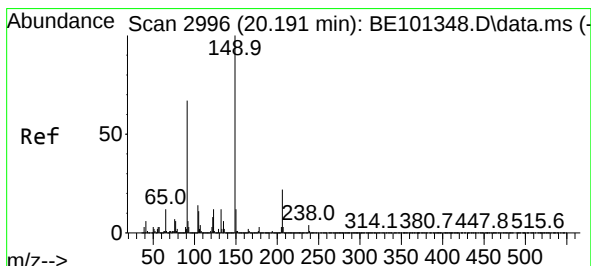
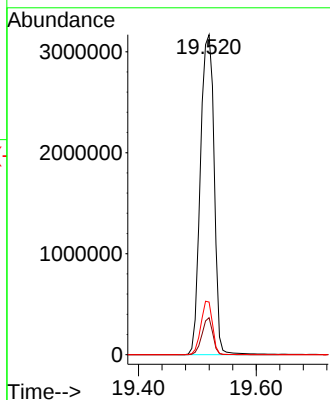
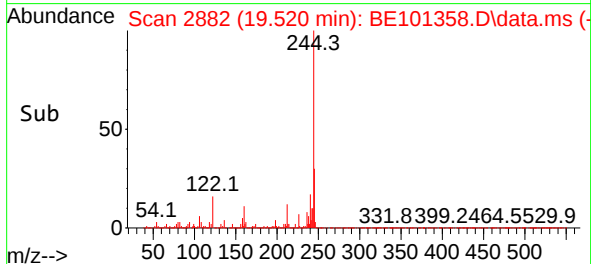
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT2-2024



Tgt Ion:244 Resp: 513522
 Ion Ratio Lower Upper
 244 100
 212 11.5 8.5 12.7
 122 16.4 13.1 19.7

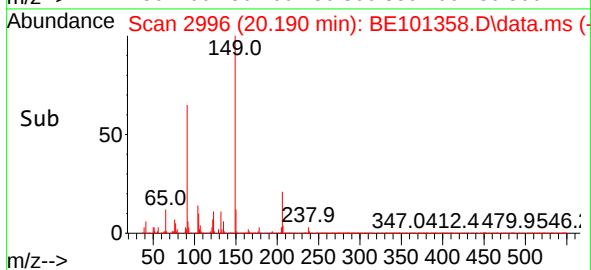
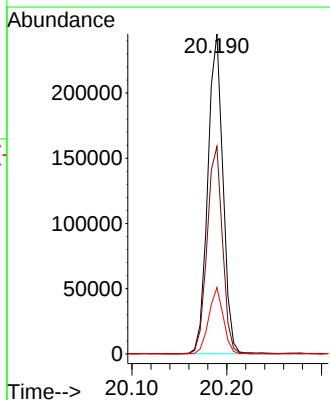
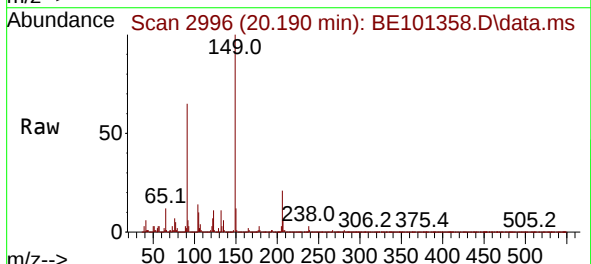
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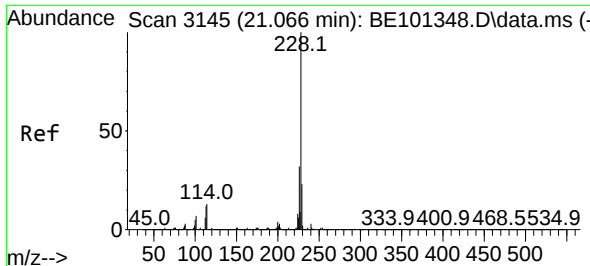
Reviewed By :Jagrut Upadhyay 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#80
 Butylbenzylphthalate
 Concen: 5.697 ng
 RT: 20.190 min Scan# 2996
 Delta R.T. -0.001 min
 Lab File: BE101358.D
 Acq: 18 Sep 2024 11:45

Tgt Ion:149 Resp: 271763
 Ion Ratio Lower Upper
 149 100
 91 64.9 53.4 80.2
 206 20.7 17.4 26.0





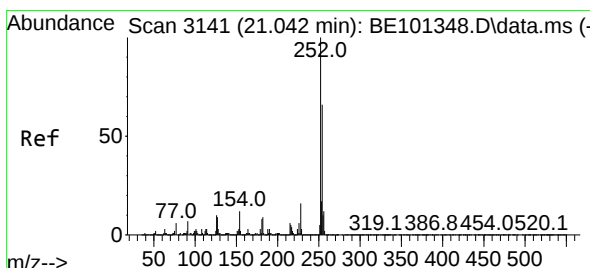
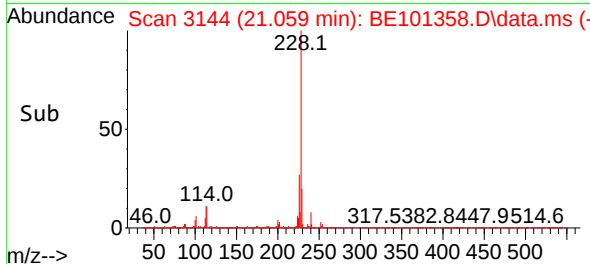
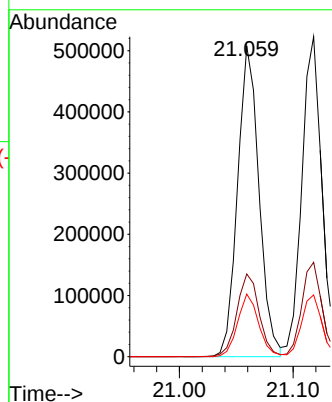
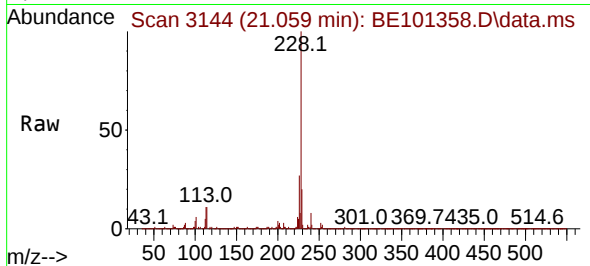
#81
Benzo(a)anthracene
Concen: 6.118 ng
RT: 21.059 min Scan# 3144
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:228 Resp: 665659
Ion Ratio Lower Upper
228 100
226 26.7 25.7 38.5
229 20.2 18.6 28.0

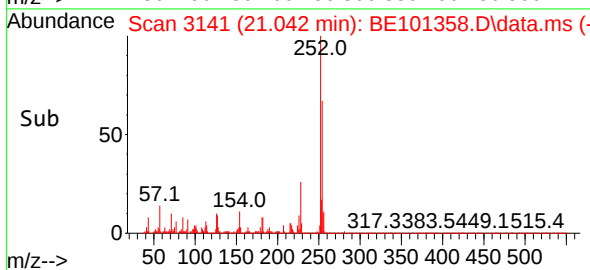
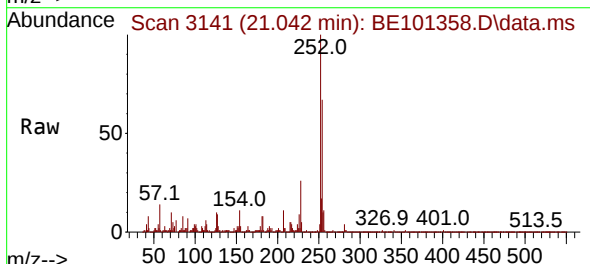
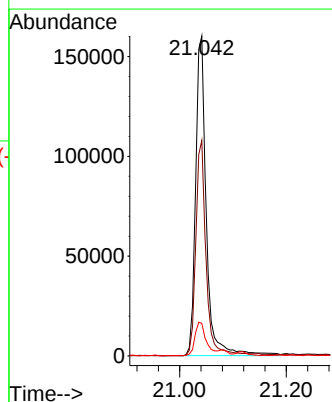
Manual Integrations
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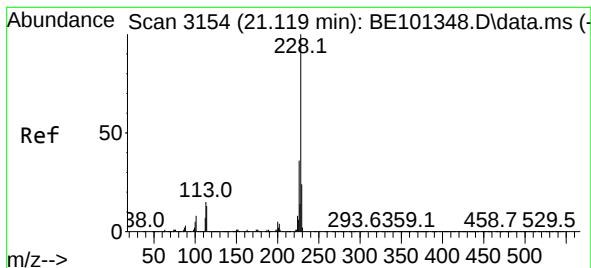
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#82
3,3'-Dichlorobenzidine
Concen: 5.242 ng
RT: 21.042 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:252 Resp: 223506
Ion Ratio Lower Upper
252 100
254 67.3 52.5 78.7
126 10.2 8.0 12.0





#83

Chrysene

Concen: 6.191 ng

RT: 21.118 min Scan# 3154

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

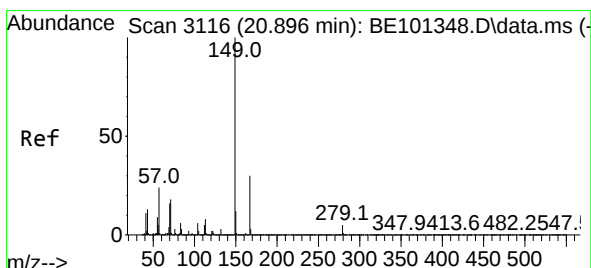
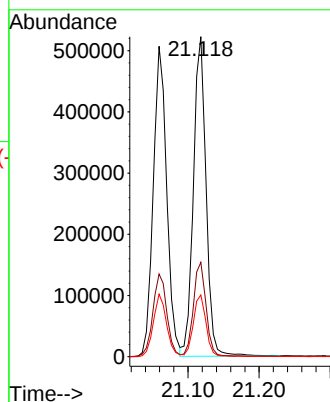
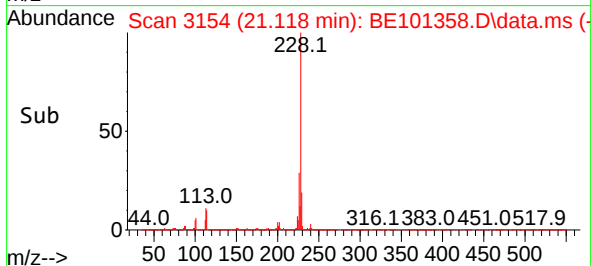
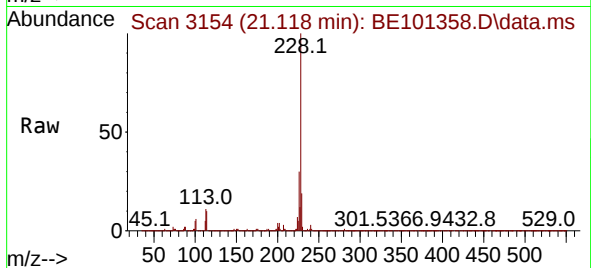
LOQ-WATER-02-QT2-2024

Tgt Ion:	228	Resp:	647110
Ion Ratio	Lower	Upper	
228	100		
226	29.5	28.4	42.6
229	19.3	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: 5.983 ng

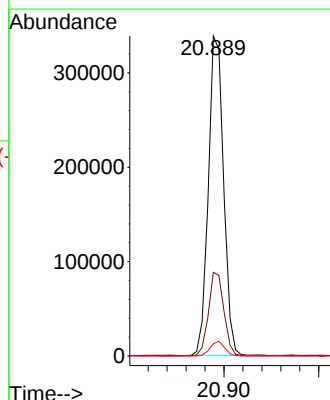
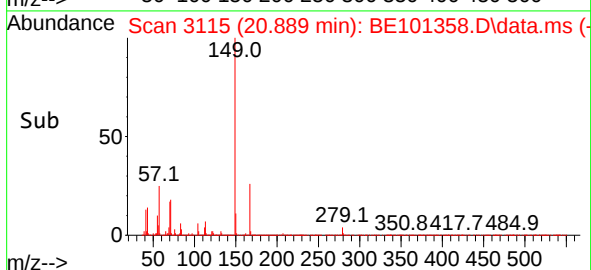
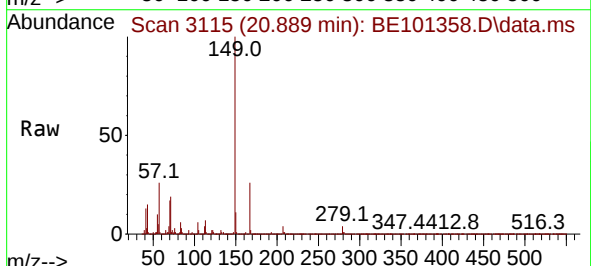
RT: 20.889 min Scan# 3115

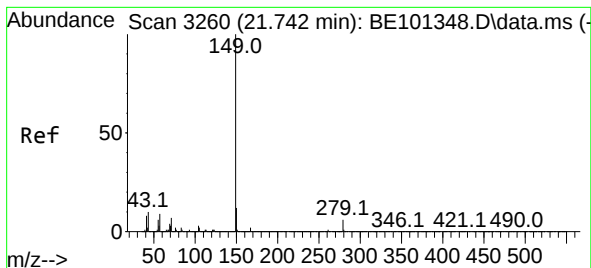
Delta R.T. -0.007 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	149	Resp:	377430
Ion Ratio	Lower	Upper	
149	100		
167	26.2	23.9	35.9
279	3.8	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 6.134 ng

RT: 21.741 min Scan# 31

Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

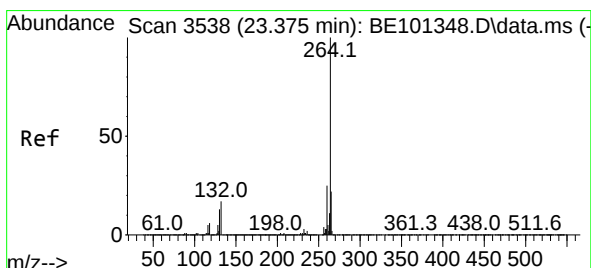
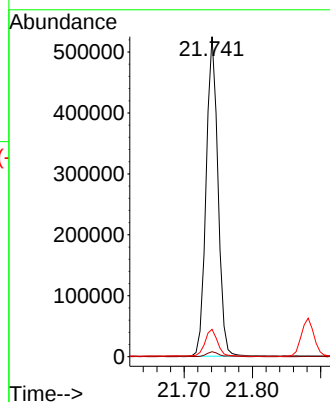
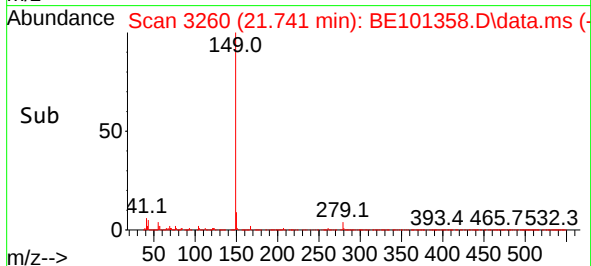
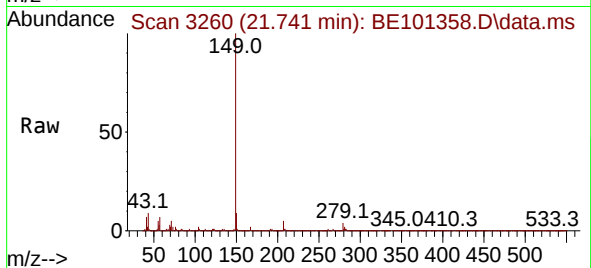
LOQ-WATER-02-QT2-2024

Tgt Ion:	149	Resp:	63165
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	8.9	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

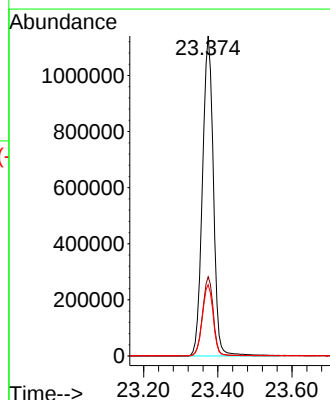
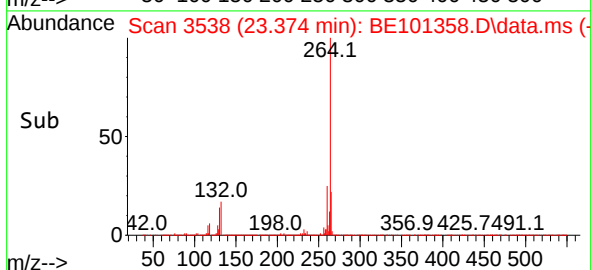
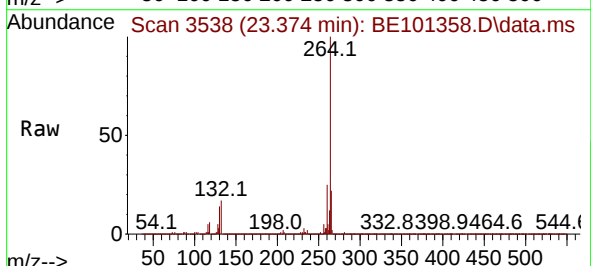
RT: 23.374 min Scan# 3538

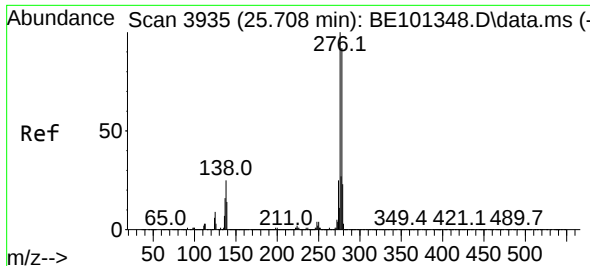
Delta R.T. -0.001 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	264	Resp:	2336063
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.8	29.6
265	22.3	17.8	26.6





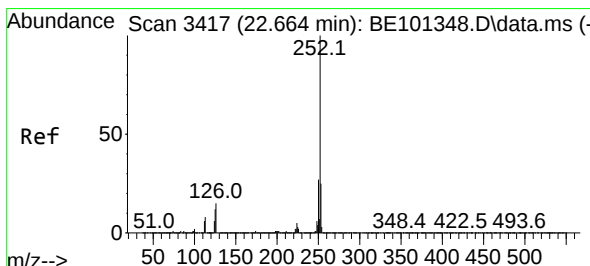
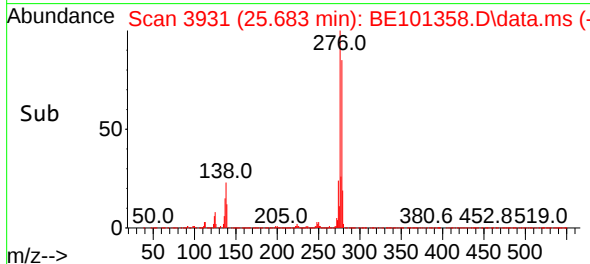
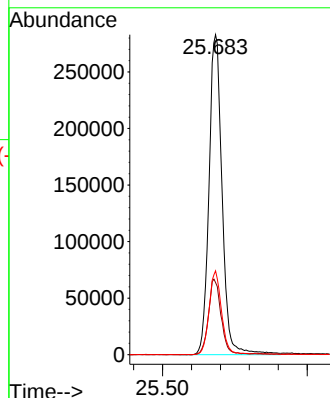
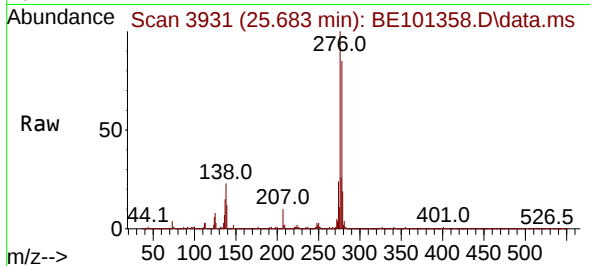
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.783 ng
RT: 25.683 min Scan# 3935
Delta R.T. -0.024 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion: 276 Resp: 890100
Ion Ratio Lower Upper
276 100
138 22.7 19.2 28.8
277 24.9 20.8 31.2

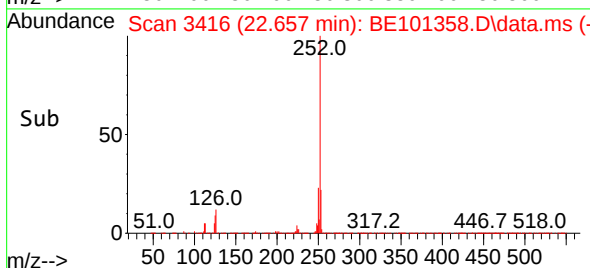
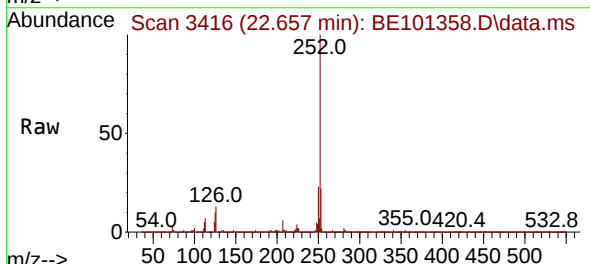
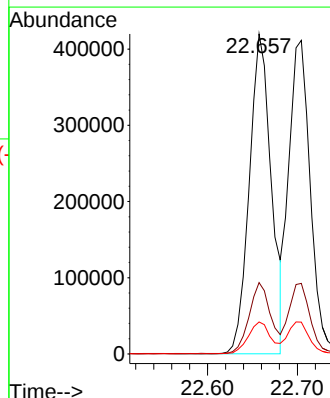
Manual Integrations
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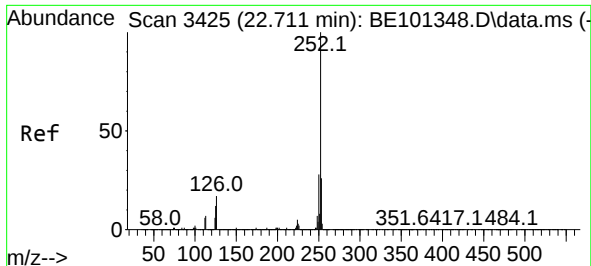
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#88
Benzo(b)fluoranthene
Concen: 5.894 ng
RT: 22.657 min Scan# 3416
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion: 252 Resp: 713152
Ion Ratio Lower Upper
252 100
253 22.3 20.2 30.2
125 10.0 9.4 14.0





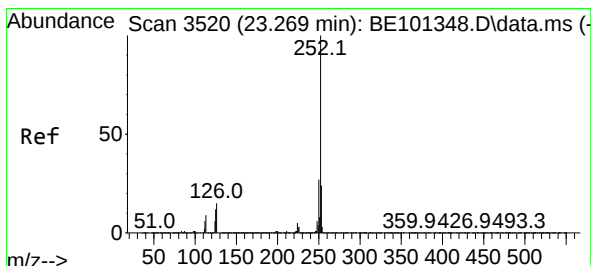
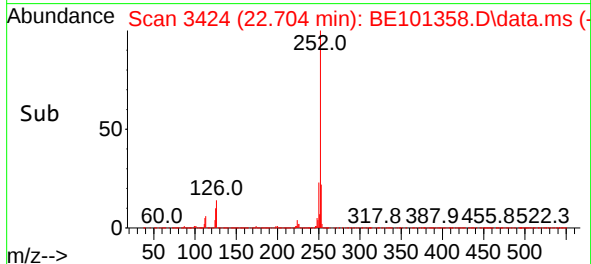
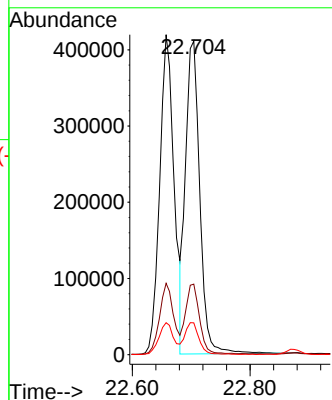
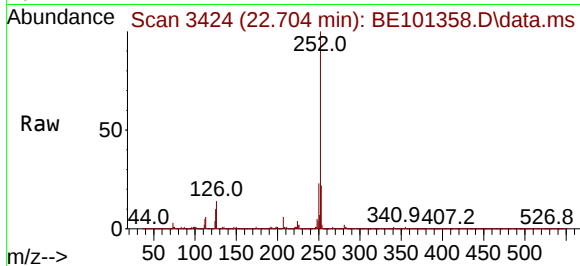
#89
Benzo(k)fluoranthene
Concen: 6.045 ng
RT: 22.704 min Scan# 3425
Delta R.T. -0.007 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

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

Tgt Ion:252 Resp: 690312
Ion Ratio Lower Upper
252 100
253 22.5 20.2 30.4
125 10.1 9.4 14.0

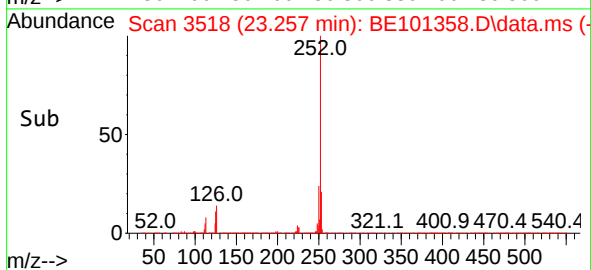
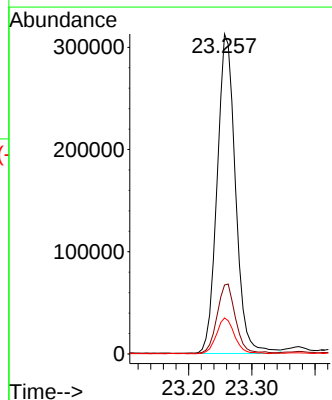
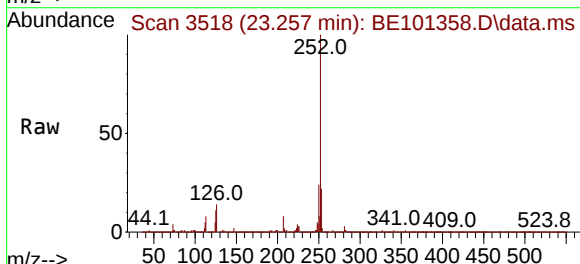
Manual Integrations
APPROVED

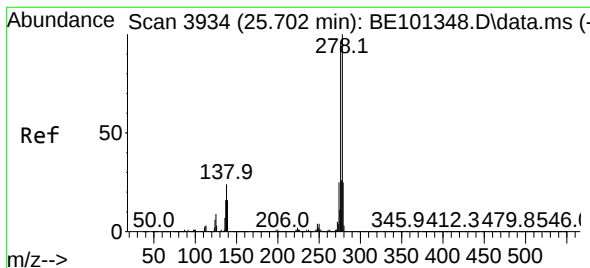
Reviewed By :Jagrut Upadhyay 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#90
Benzo(a)pyrene
Concen: 5.916 ng
RT: 23.257 min Scan# 3518
Delta R.T. -0.013 min
Lab File: BE101358.D
Acq: 18 Sep 2024 11:45

Tgt Ion:252 Resp: 631672
Ion Ratio Lower Upper
252 100
253 21.6 19.0 28.6
125 11.2 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 5.731 ng

RT: 25.677 min Scan# 3934

Delta R.T. -0.024 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Instrument :

BNA_E

ClientSampleId :

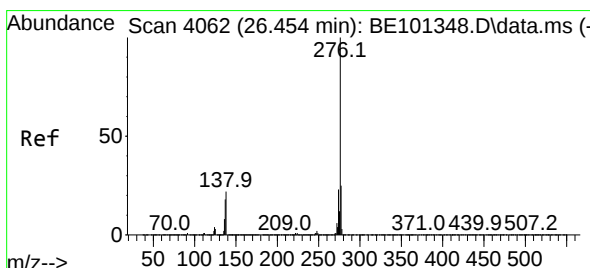
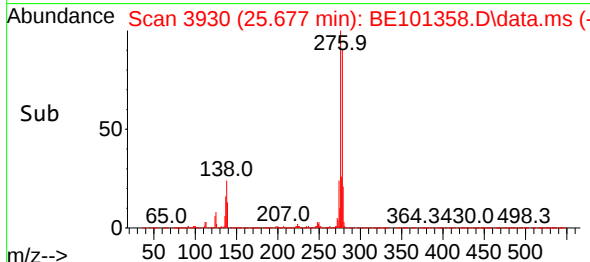
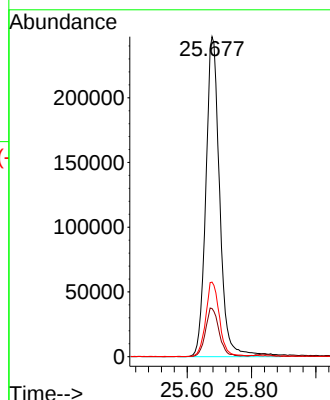
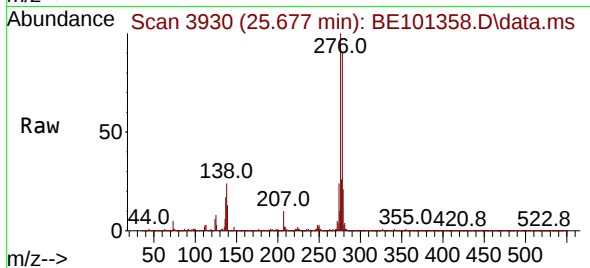
LOQ-WATER-02-QT2-2024

Tgt Ion:	278	Resp:	738400
Ion Ratio	Lower	Upper	
278	100		
139	15.0	12.4	18.6
279	23.3	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: 5.247 ng

RT: 26.429 min Scan# 4058

Delta R.T. -0.024 min

Lab File: BE101358.D

Acq: 18 Sep 2024 11:45

Tgt Ion:	276	Resp:	686547
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.8	29.8
138	19.2	17.4	26.0

