

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
 Data File : BE101408.D
 Acq On : 29 Oct 2024 15:44
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-5 PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Oct 29 16:41:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	131003	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	614589	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	439329	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1030768	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1220074	20.000	ng	0.00
86) Perylene-d12	23.358	264	1558923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	749503	100.275	ng	0.00
7) Phenol-d6	6.942	99	1028185	99.206	ng	0.00
23) Nitrobenzene-d5	8.781	82	717723	73.349	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	810531	105.263	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1967944	75.861	ng	0.00
79) Terphenyl-d14	19.510	244	3597958	67.872	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.229	88	11938	4.282	ng	91
3) Pyridine	3.822	79	28364m	3.596	ng	
4) n-Nitrosodimethylamine	3.640	42	13097m	4.292	ng	
6) Aniline	7.018	93	46150m	5.810	ng	
8) 2-Chlorophenol	7.212	128	40091	4.472	ng	95
9) Benzaldehyde	6.789	77	28640	5.724	ng	94
10) Phenol	6.971	94	50379m	4.480	ng	
11) bis(2-Chloroethyl)ether	7.042	93	32741m	3.549	ng	
12) 1,3-Dichlorobenzene	7.459	146	42338	4.380	ng	97
13) 1,4-Dichlorobenzene	7.606	146	43513	4.408	ng	99
14) 1,2-Dichlorobenzene	7.935	146	42379	4.386	ng	97
15) Benzyl Alcohol	7.917	79	30334	4.910	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.070	45	53987	4.650	ng	98
17) 2-Methylphenol	8.152	107	29217	3.839	ng	98
18) Hexachloroethane	8.628	117	13399	4.156	ng	96
19) n-Nitroso-di-n-propyla...	8.376	70	27441	3.990	ng	# 98
20) 3+4-Methylphenols	8.493	107	38961	3.708	ng	98
22) Acetophenone	8.428	105	60166	4.311	ng	# 98
24) Nitrobenzene	8.822	77	46428	4.458	ng	96
25) Isophorone	9.274	82	77407	4.054	ng	99
26) 2-Nitrophenol	9.509	139	17918	3.560	ng	91
27) 2,4-Dimethylphenol	9.627	122	21839	3.448	ng	98
28) bis(2-Chloroethoxy)met...	9.780	93	49726	4.294	ng	98
29) 2,4-Dichlorophenol	10.062	162	33296	3.800	ng	97
30) 1,2,4-Trichlorobenzene	10.185	180	40214	4.213	ng	98
31) Naphthalene	10.385	128	136869	4.370	ng	98
32) Benzoic acid	9.827	122	10207m	9.514	ng	
33) 4-Chloroaniline	10.620	127	49106	4.509	ng	99
34) Hexachlorobutadiene	10.638	225	23573	4.172	ng	97
35) Caprolactam	11.401	113	10531m	3.135	ng	
36) 4-Chloro-3-methylphenol	11.783	107	36846	3.693	ng	99
37) 2-Methylnaphthalene	11.977	142	96449	4.275	ng	99
38) 1-Methylnaphthalene	12.200	142	90218	4.006	ng	97
40) 1,2,4,5-Tetrachloroben...	12.336	216	48690	4.415	ng	100
41) Hexachlorocyclopentadiene	12.318	237	13185	3.620	ng	97
43) 2,4,6-Trichlorophenol	12.653	196	28844	3.794	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.753	196	33240	3.818	ng	98
46) 1,1'-Biphenyl	13.005	154	140702	4.675	ng	100
47) 2-Chloronaphthalene	13.052	162	101480	4.267	ng	98
48) 2-Nitroaniline	13.381	65	20994	3.280	ng	94
49) Acenaphthylene	13.910	152	160530	4.565	ng	100
50) Dimethylphthalate	13.681	163	132456	4.271	ng	98
51) 2,6-Dinitrotoluene	13.816	165	25509	3.563	ng	96
52) Acenaphthene	14.239	154	100724	4.386	ng	97
53) 3-Nitroaniline	14.233	138	25100	3.526	ng	95
54) 2,4-Dinitrophenol	14.363	184	6481	6.801	ng	98
55) Dibenzofuran	14.580	168	166339	4.545	ng	98
56) 4-Nitrophenol	14.645	139	19989m	3.066	ng	
57) 2,4-Dinitrotoluene	14.604	165	31647	3.211	ng	92
58) Fluorene	15.220	166	132845	4.339	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.850	232	34172	4.248	ng	97
60) Diethylphthalate	15.009	149	135786	4.186	ng	99
61) 4-Chlorophenyl-phenyle...	15.209	204	64197	4.225	ng	98
62) 4-Nitroaniline	15.414	138	24184	3.053	ng	97
63) Azobenzene	15.502	77	121716	4.365	ng	97
65) 4,6-Dinitro-2-methylph...	15.344	198	13737	2.268	ng	96
66) n-Nitrosodiphenylamine	15.455	169	117518	4.299	ng	99
67) 4-Bromophenyl-phenylether	16.096	248	44915	4.142	ng	96
68) Hexachlorobenzene	16.202	284	58611	4.124	ng	95
69) Atrazine	16.390	200	41462	4.948	ng	99
70) Pentachlorophenol	16.607	266	23324	2.851	ng	96
71) Phenanthrene	16.954	178	230482	4.670	ng	97
72) Anthracene	17.042	178	219698	4.559	ng	98
73) Carbazole	17.371	167	212245	4.305	ng	99
74) Di-n-butylphthalate	17.823	149	235135	4.332	ng	97
75) Fluoranthene	18.957	202	276302	4.610	ng	95
77) Benzidine	19.216	184	73223	4.729	ng	99
78) Pyrene	19.327	202	297236	4.430	ng	97
80) Butylbenzylphthalate	20.179	149	121733	4.139	ng	99
81) Benzo(a)anthracene	21.055	228	334125	4.872	ng	94
82) 3,3'-Dichlorobenzidine	21.031	252	111178	4.139	ng	97
83) Chrysene	21.108	228	323921	4.885	ng	93
84) Bis(2-ethylhexyl)phtha...	20.884	149	156645	4.009	ng	97
85) Di-n-octyl phthalate	21.730	149	276690	4.314	ng	99
87) Indeno(1,2,3-cd)pyrene	25.661	276	468040	4.486	ng	99
88) Benzo(b)fluoranthene	22.647	252	347191	4.274	ng	97
89) Benzo(k)fluoranthene	22.688	252	369233	4.865	ng	96
90) Benzo(a)pyrene	23.246	252	328518	4.624	ng	98
91) Dibenzo(a,h)anthracene	25.655	278	380614	4.415	ng	98
92) Benzo(g,h,i)perylene	26.407	276	363214	4.089	ng	99

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

Manual Integrations

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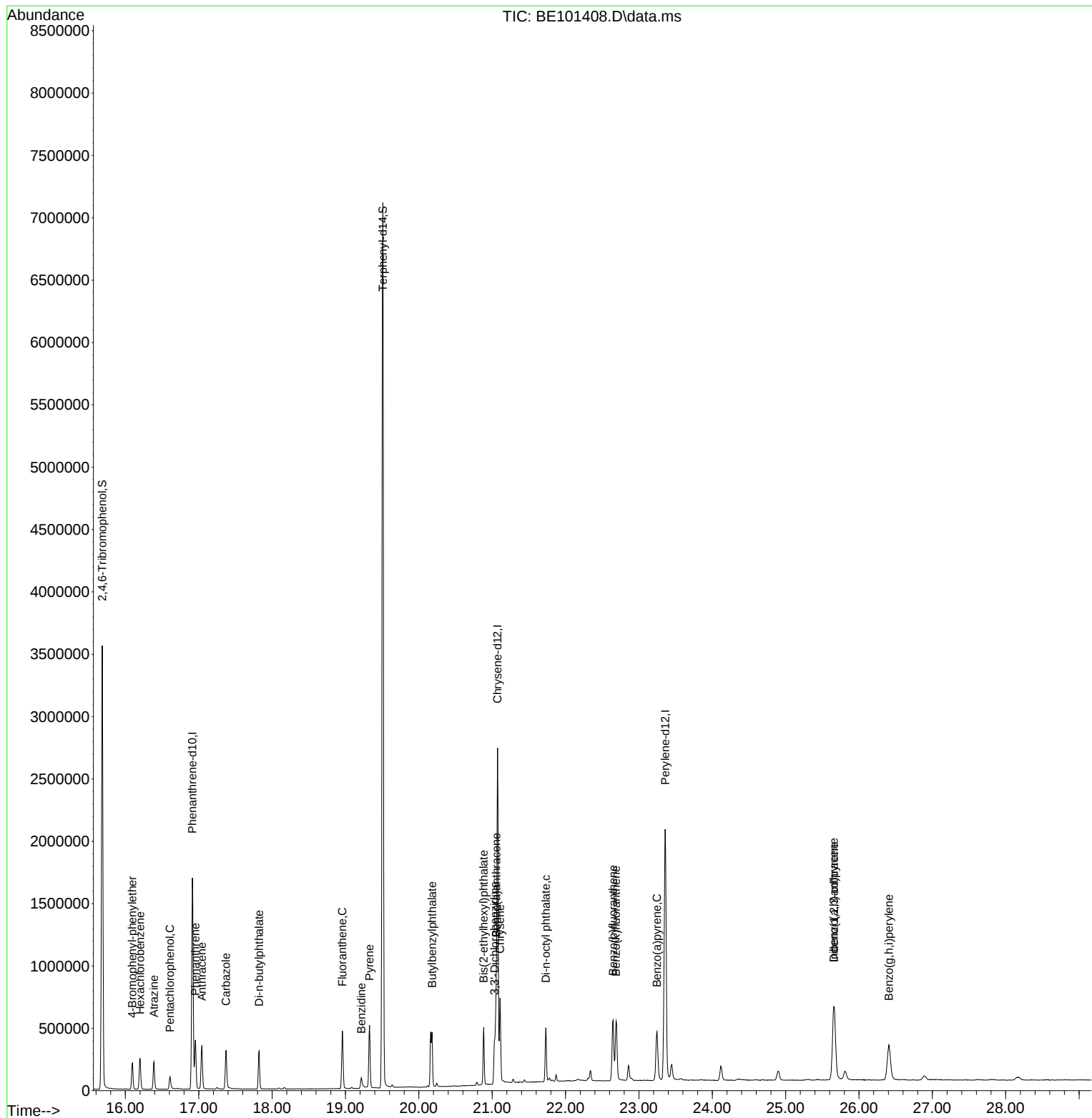
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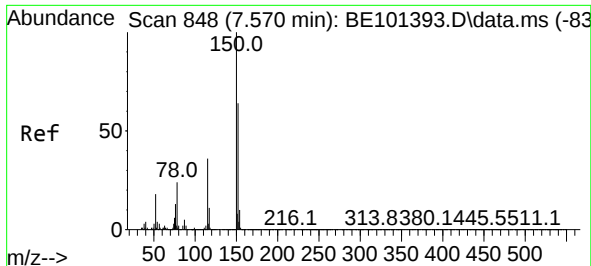
Instrument :
BNA_E
ClientSampleId :
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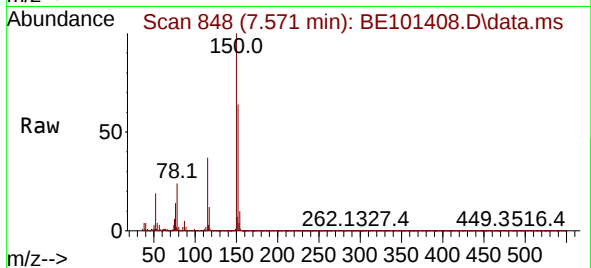
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

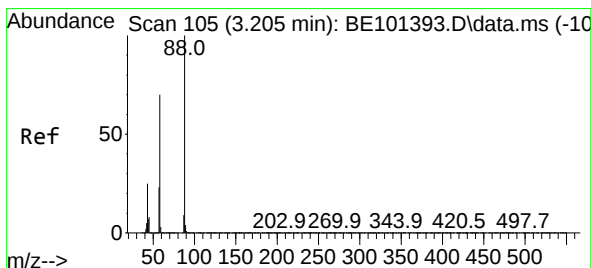
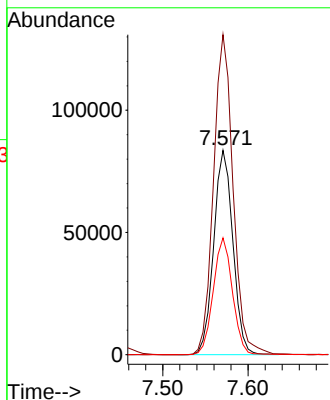
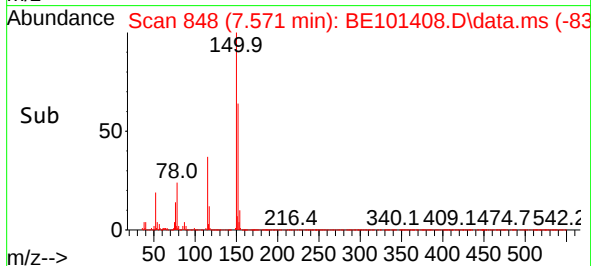
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



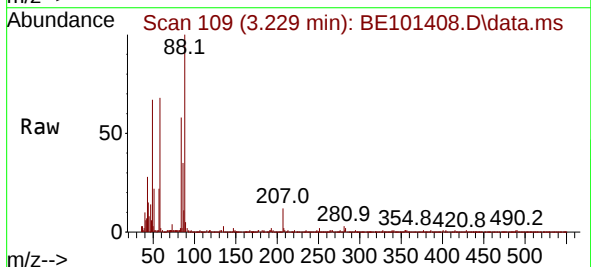
Tgt Ion:152 Resp: 13100
Ion Ratio Lower Upper
152 100
150 156.6 124.2 186.4
115 57.2 45.3 67.9

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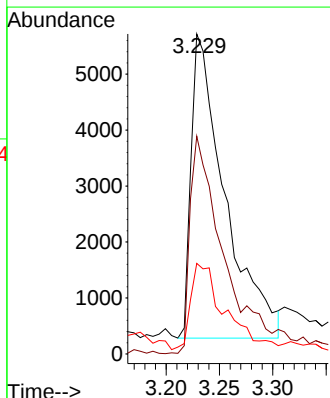
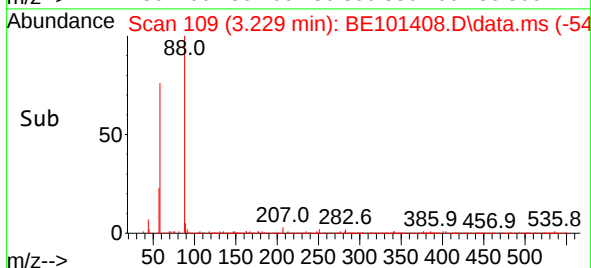
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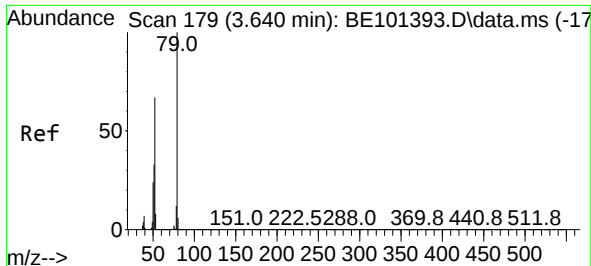


#2
1,4-Dioxane
Concen: 4.282 ng
RT: 3.229 min Scan# 109
Delta R.T. 0.024 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44



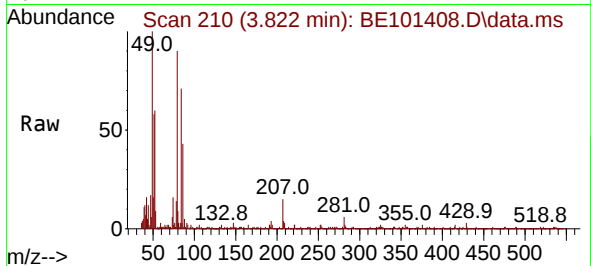
Tgt Ion: 88 Resp: 11938
Ion Ratio Lower Upper
88 100
58 78.0 56.5 84.7
43 28.6 19.8 29.8





#3
Pyridine
Concen: 3.596 ng m
RT: 3.822 min Scan# 210
Delta R.T. 0.182 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

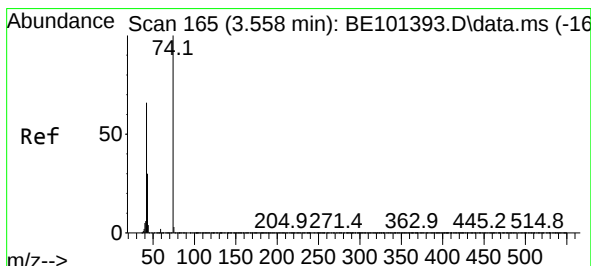
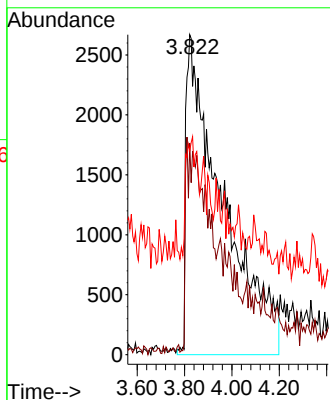
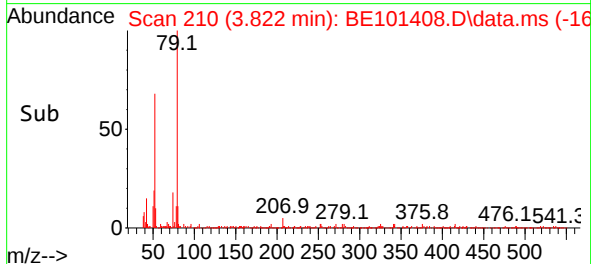
Instrument :
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LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 2836
Ion Ratio Lower Upper
79 100
52 66.1 53.3 79.9
51 63.8 27.3 40.9

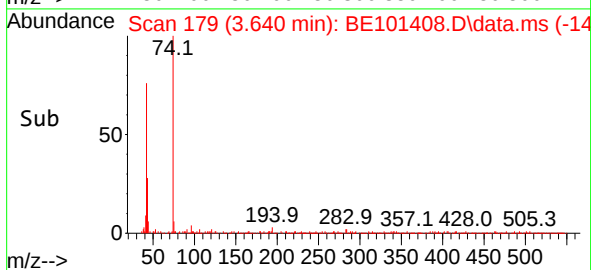
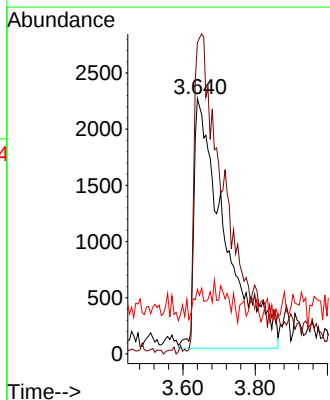
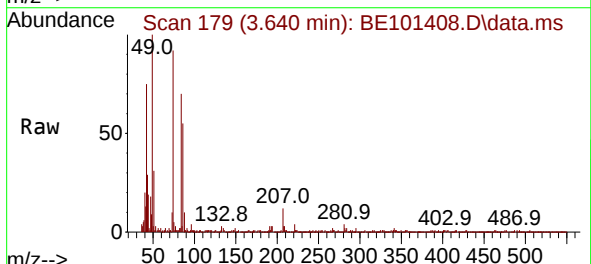
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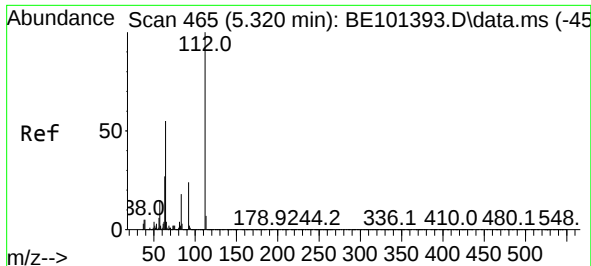
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#4
n-Nitrosodimethylamine
Concen: 4.292 ng m
RT: 3.640 min Scan# 179
Delta R.T. 0.082 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 42 Resp: 13097
Ion Ratio Lower Upper
42 100
74 121.8 121.4 182.0
44 25.3 5.6 8.4





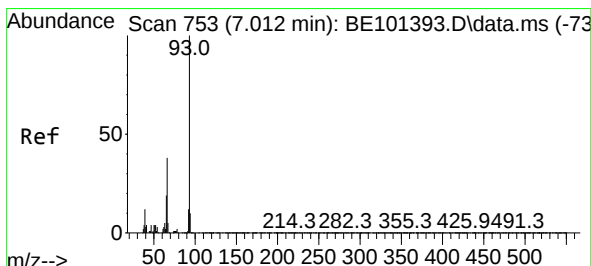
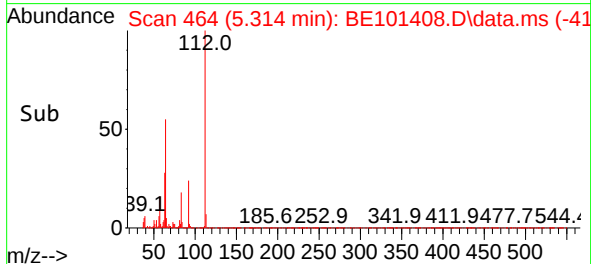
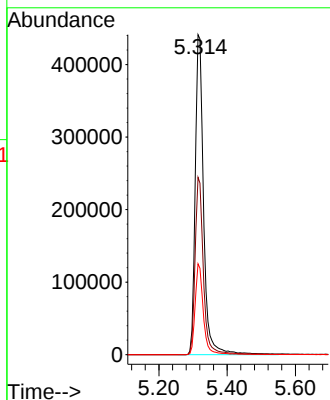
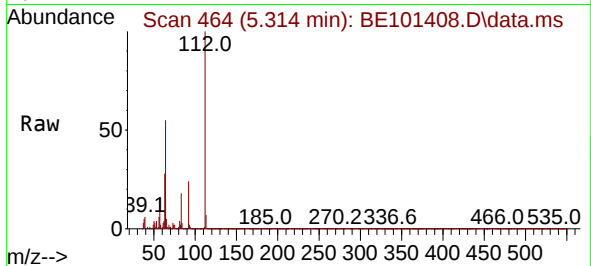
#5
2-Fluorophenol
Concen: 100.275 ng
RT: 5.314 min Scan# 40
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:112 Resp: 74950
Ion Ratio Lower Upper
112 100
64 55.4 43.7 65.5
63 28.4 21.4 32.2

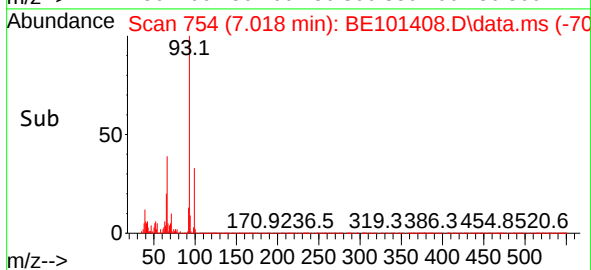
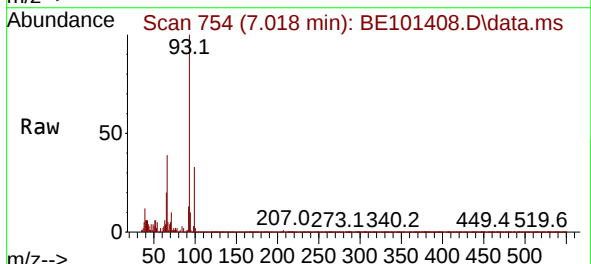
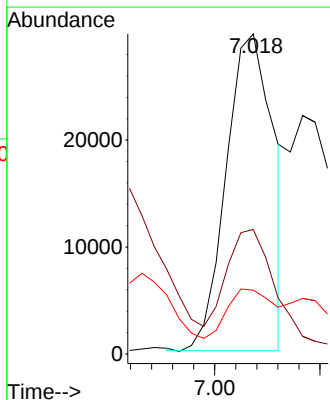
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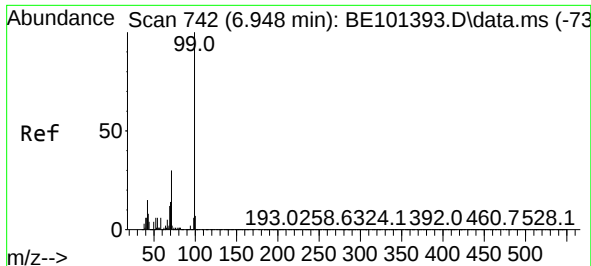
Reviewed By :Jagrut Upadhyay 10/30/2024
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#6
Aniline
Concen: 5.810 ng m
RT: 7.018 min Scan# 754
Delta R.T. 0.006 min
Lab File: BE101408.D
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Tgt Ion: 93 Resp: 46150
Ion Ratio Lower Upper
93 100
66 38.9 31.0 46.4
65 20.0 15.5 23.3





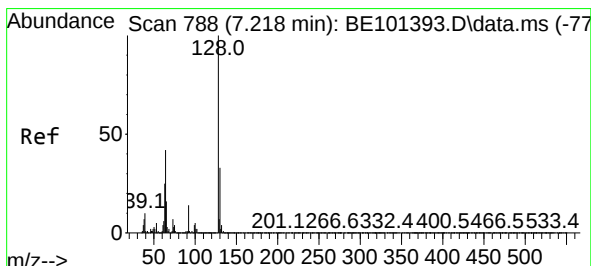
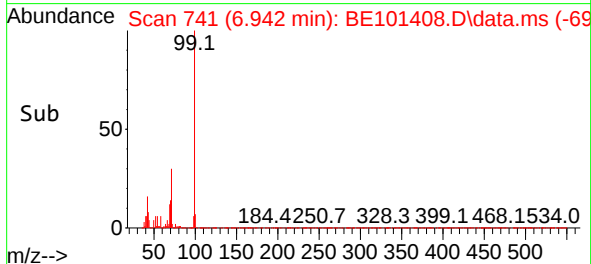
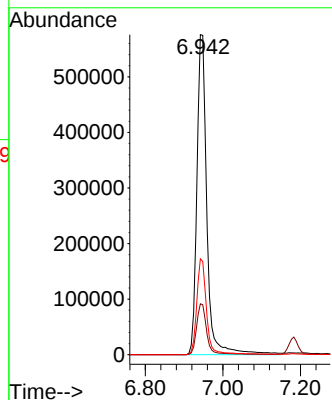
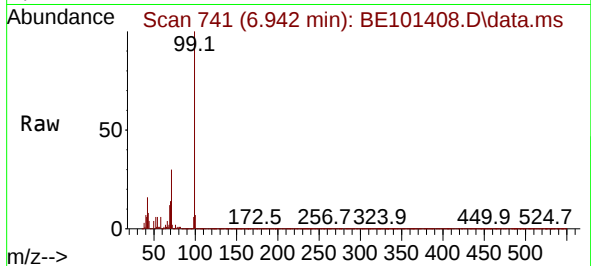
#7
Phenol-d6
Concen: 99.206 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion: 99 Resp: 102818
Ion Ratio Lower Upper
99 100
42 15.9 12.3 18.5
71 30.0 23.8 35.8

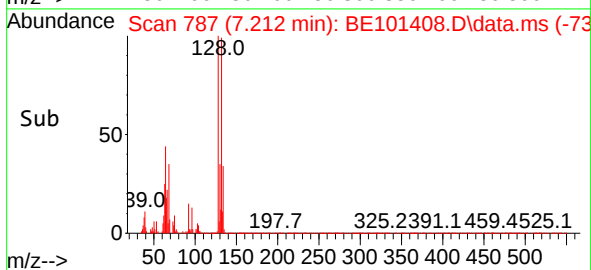
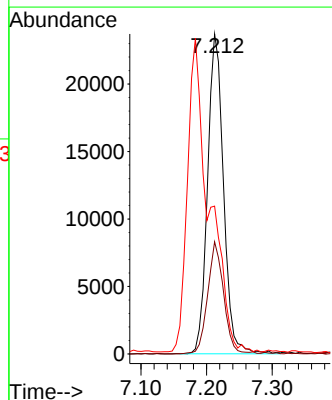
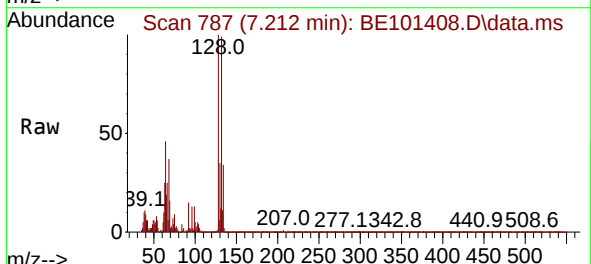
Manual Integrations
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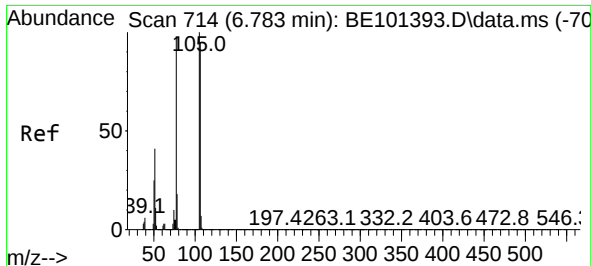
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#8
2-Chlorophenol
Concen: 4.472 ng
RT: 7.212 min Scan# 787
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:128 Resp: 40091
Ion Ratio Lower Upper
128 100
130 35.0 12.9 52.9
64 46.2 22.3 62.3





#9

Benzaldehyde

Concen: 5.724 ng

RT: 6.789 min Scan# 714

Delta R.T. 0.006 min

Lab File: BE101408.D

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BNA_E

ClientSampleId :

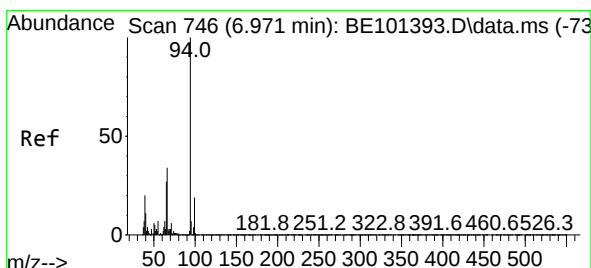
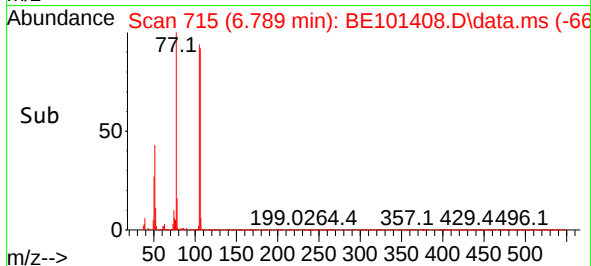
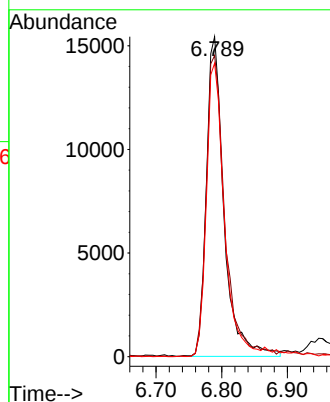
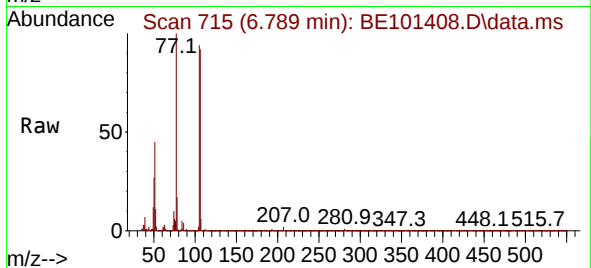
LOQ-WATER-02-QT4-2024

Tgt Ion: 77	Resp: 28640
Ion Ratio	Lower Upper
77 100	
105 94.1	81.9 121.9
106 91.7	76.5 116.5

Manual Integrations

APPROVED

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



#10

Phenol

Concen: 4.480 ng m

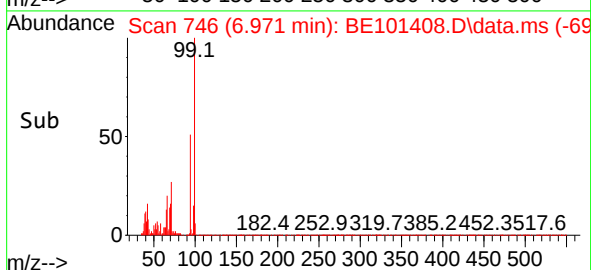
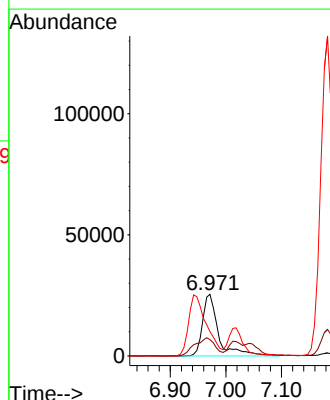
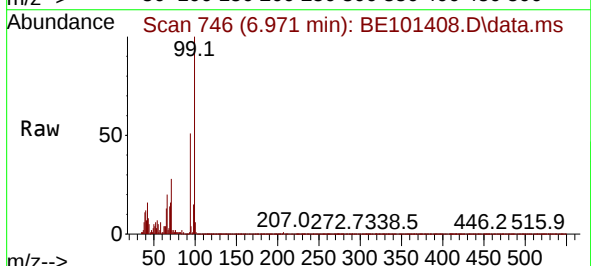
RT: 6.971 min Scan# 746

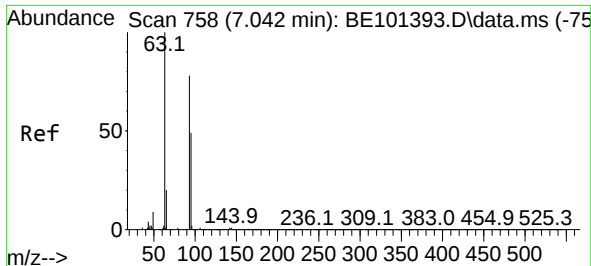
Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

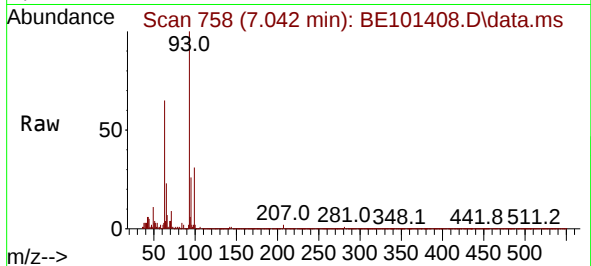
Tgt Ion: 94	Resp: 50379
Ion Ratio	Lower Upper
94 100	
65 26.5	6.8 46.8
66 39.4	14.0 54.0





#11
bis(2-Chloroethyl)ether
Concen: 3.549 ng m
RT: 7.042 min Scan# 758
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

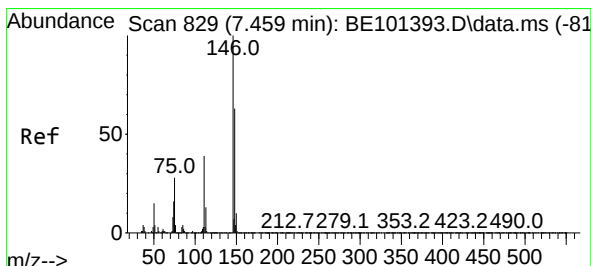
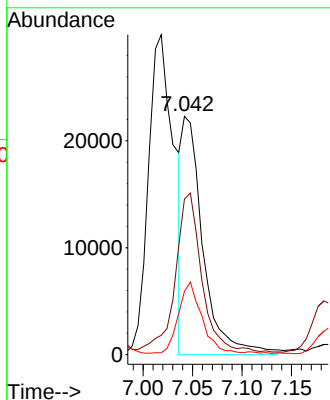
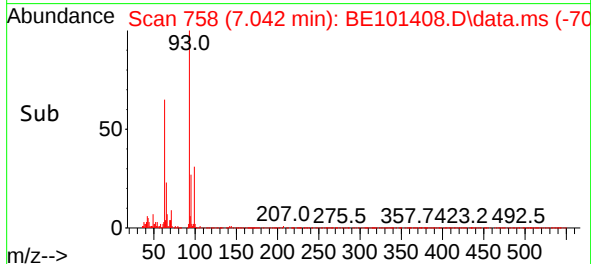
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 3274
Ion Ratio Lower Upper
93 100
63 65.3 46.3 86.3
95 26.5 9.6 49.6

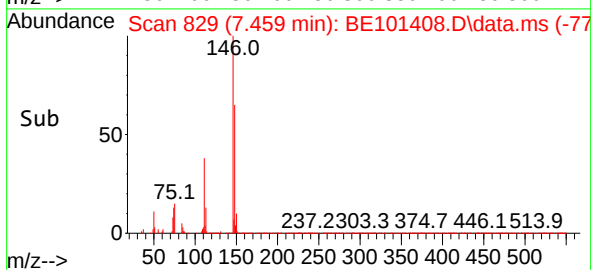
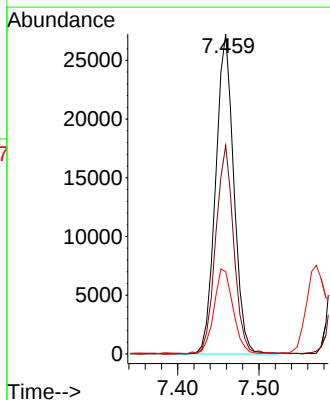
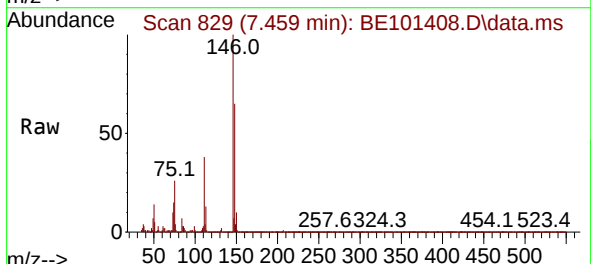
Manual Integrations
APPROVED

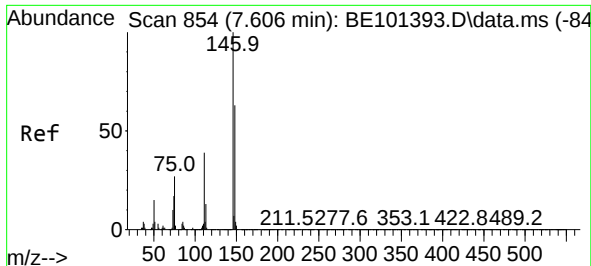
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#12
1,3-Dichlorobenzene
Concen: 4.380 ng
RT: 7.459 min Scan# 829
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:146 Resp: 42338
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
75 25.7 22.0 33.0





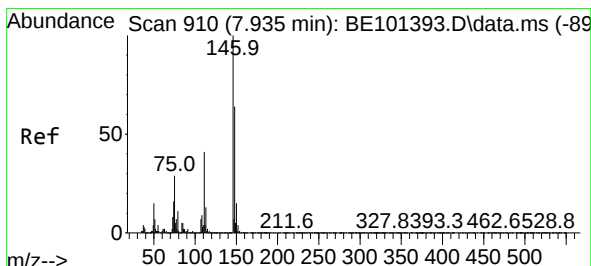
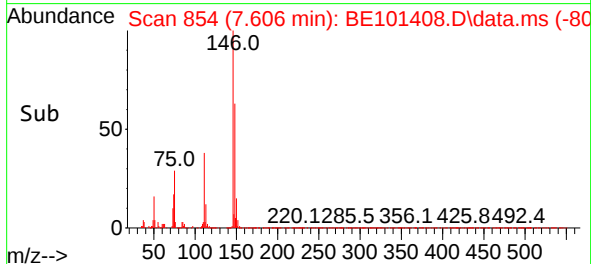
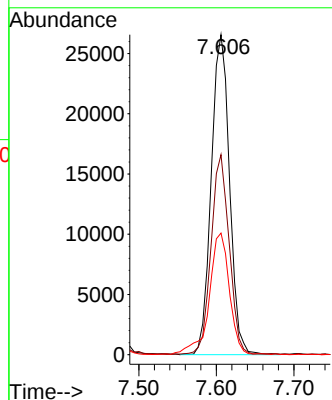
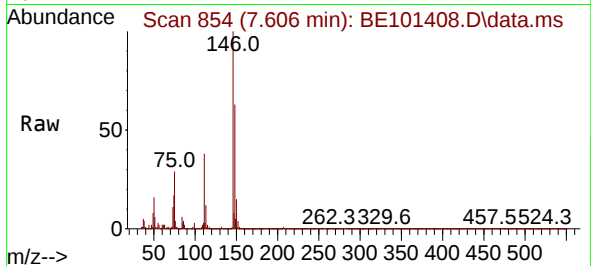
#13
1,4-Dichlorobenzene
Concen: 4.408 ng
RT: 7.606 min Scan# 854
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:146 Resp: 4351
Ion Ratio Lower Upper
146 100
148 62.5 50.2 75.2
111 38.0 31.6 47.4

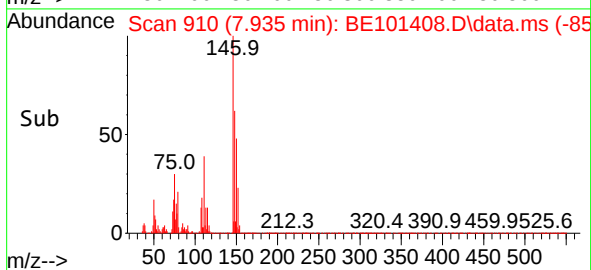
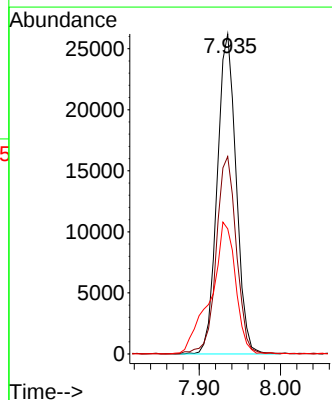
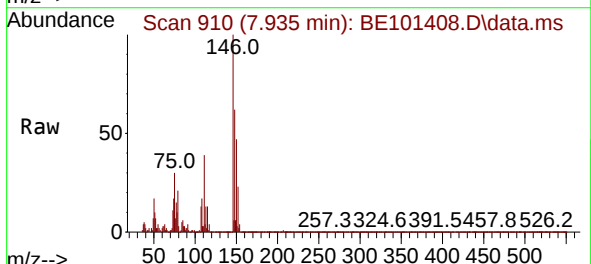
Manual Integrations
APPROVED

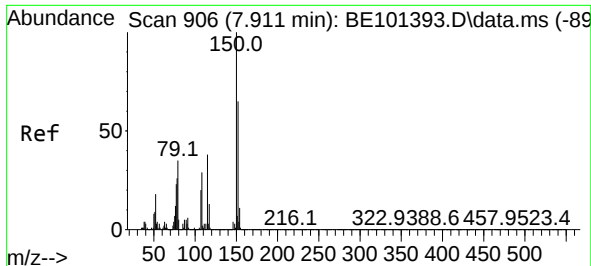
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#14
1,2-Dichlorobenzene
Concen: 4.386 ng
RT: 7.935 min Scan# 910
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

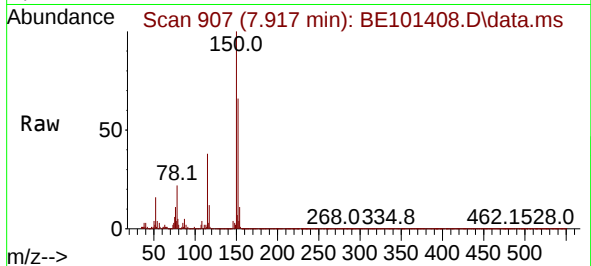
Tgt Ion:146 Resp: 42379
Ion Ratio Lower Upper
146 100
148 61.7 51.4 77.2
111 39.1 32.8 49.2





#15
Benzyl Alcohol
Concen: 4.910 ng
RT: 7.917 min Scan# 906
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

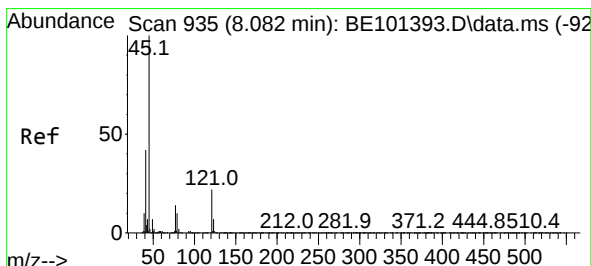
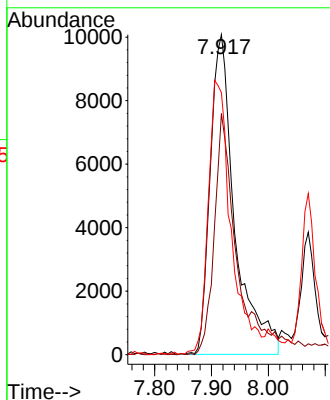
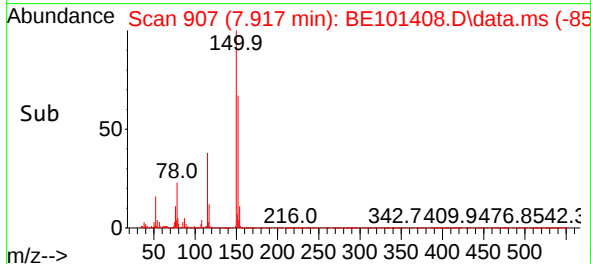
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 30334
Ion Ratio Lower Upper
79 100
108 75.3 66.1 99.1
77 81.9 53.1 79.7

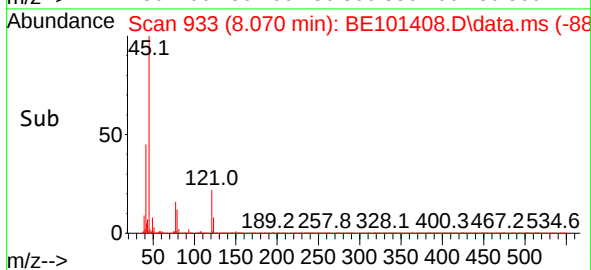
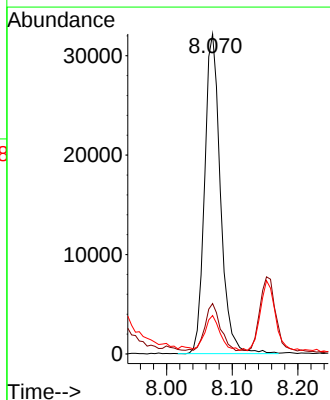
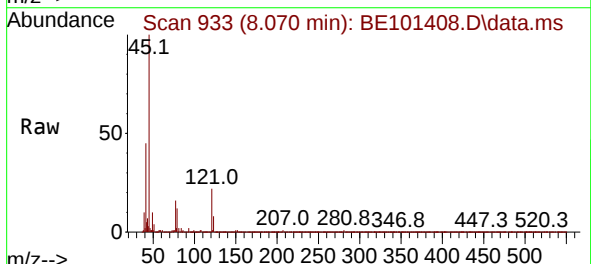
Manual Integrations
APPROVED

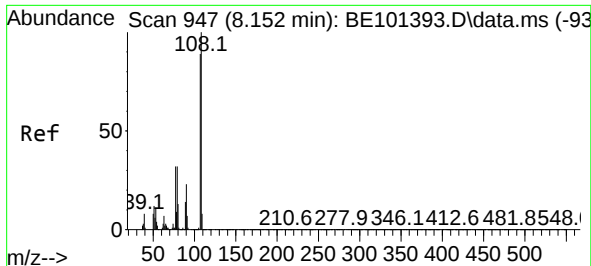
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.650 ng
RT: 8.070 min Scan# 933
Delta R.T. -0.012 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 45 Resp: 53987
Ion Ratio Lower Upper
45 100
77 15.8 0.0 34.5
79 12.0 0.0 31.8





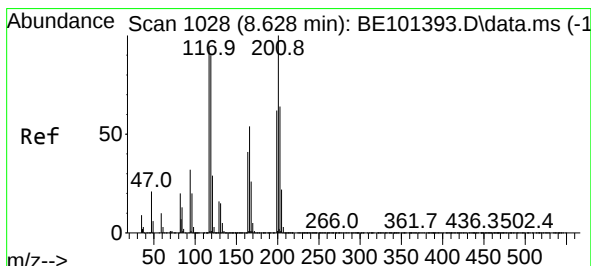
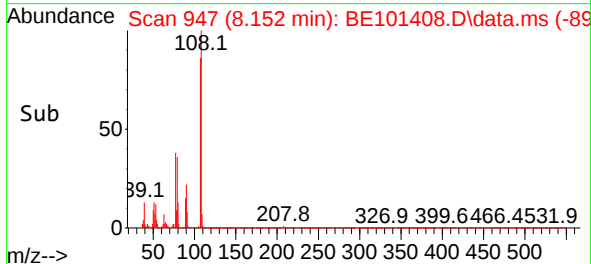
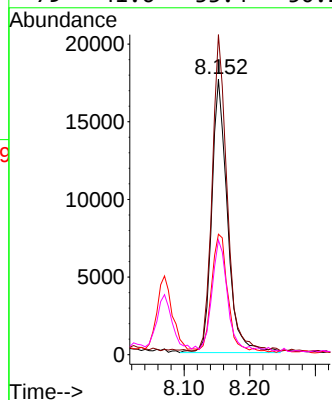
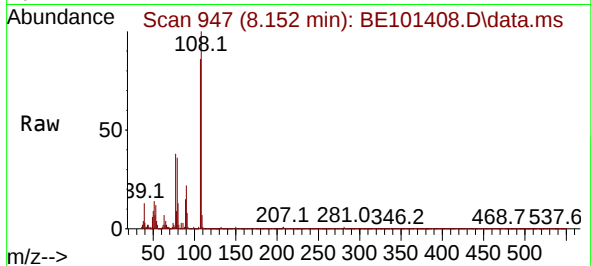
#17
2-Methylphenol
Concen: 3.839 ng
RT: 8.152 min Scan# 947
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:	107	Resp:	2921
Ion Ratio	Lower	Upper	
107	100		
108	116.2	90.0	135.0
77	43.7	34.2	51.4
79	41.6	33.4	50.2

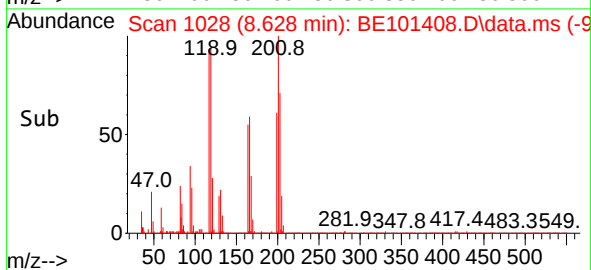
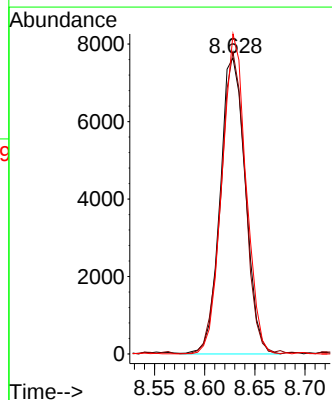
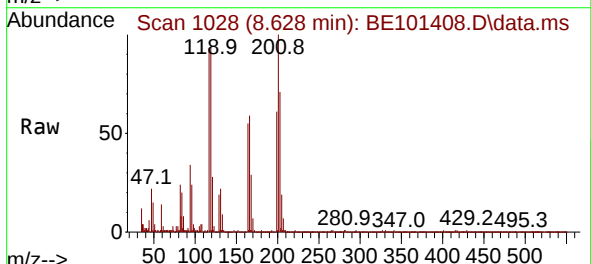
Manual Integrations
APPROVED

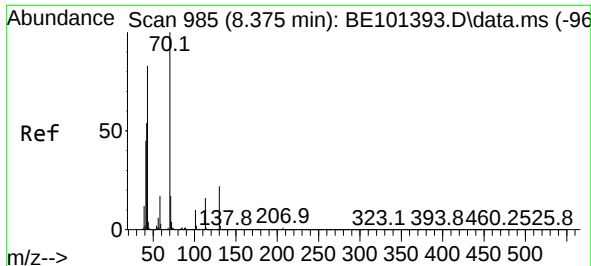
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#18
Hexachloroethane
Concen: 4.156 ng
RT: 8.628 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

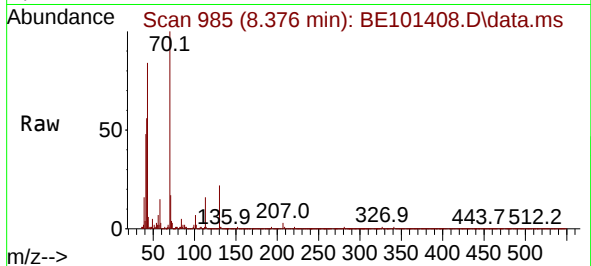
Tgt Ion:	117	Resp:	13399
Ion Ratio	Lower	Upper	
117	100		
119	101.9	77.0	115.4
201	108.1	85.3	127.9





#19
n-Nitroso-di-n-propylamine
Concen: 3.990 ng
RT: 8.376 min Scan# 985
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

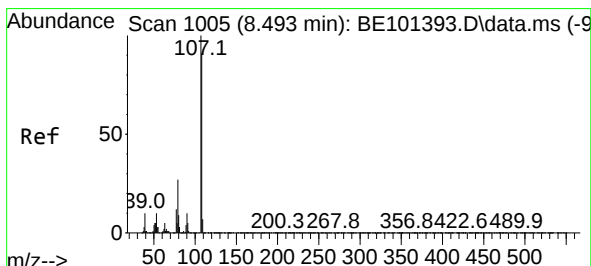
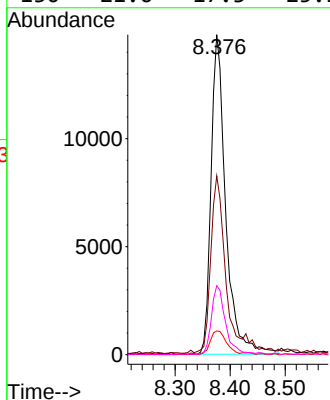
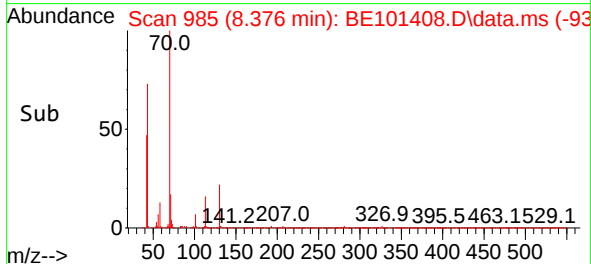
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



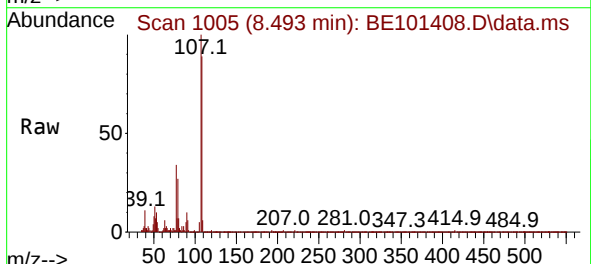
Tgt Ion: 70 Resp: 2744
Ion Ratio Lower Upper
70 100
42 55.9 43.4 65.0
101 7.4 8.1 12.1
130 21.6 17.3 25.9

Manual Integrations
APPROVED

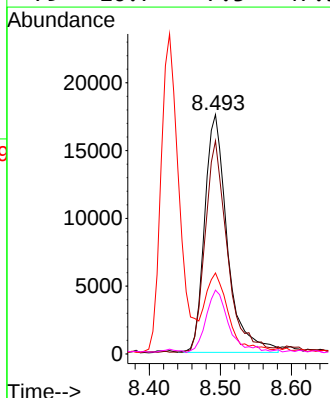
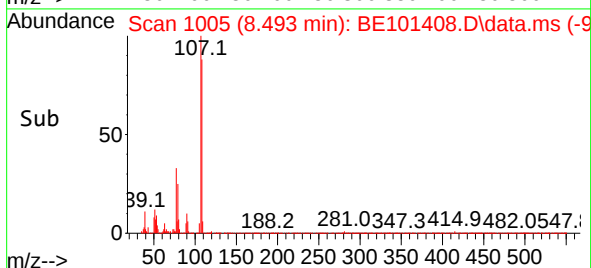
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

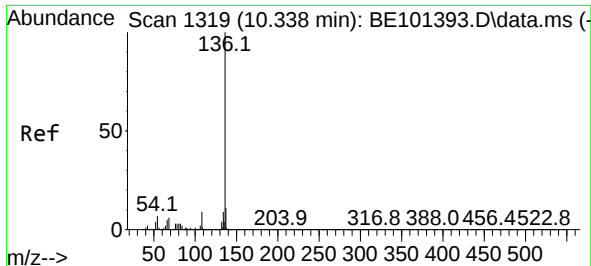


#20
3+4-Methylphenols
Concen: 3.708 ng
RT: 8.493 min Scan# 1005
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44



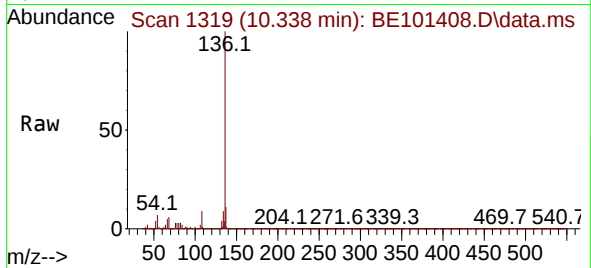
Tgt Ion:107 Resp: 38961
Ion Ratio Lower Upper
107 100
108 89.1 70.6 110.6
77 33.8 11.3 51.3
79 26.7 7.3 47.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

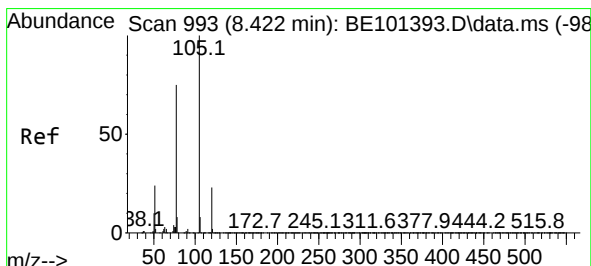
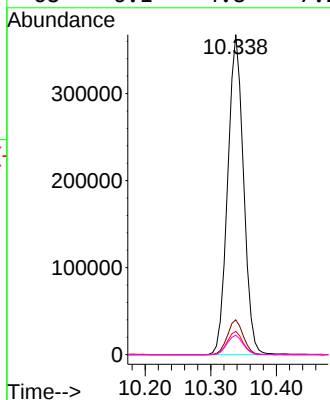
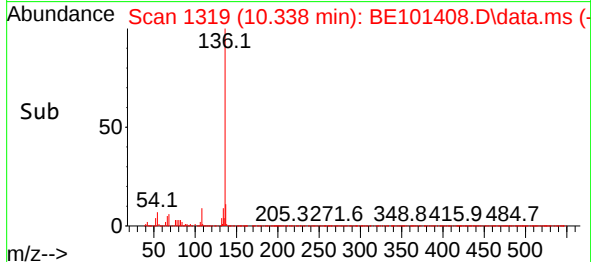
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 614589
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.3 5.9 8.9
68 6.1 4.8 7.2

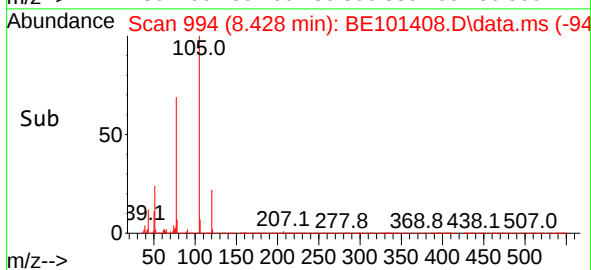
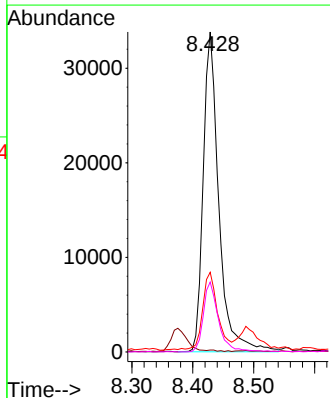
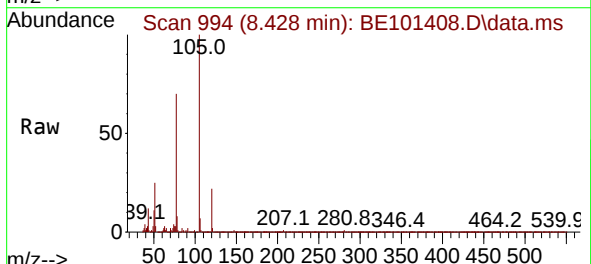
Manual Integrations
APPROVED

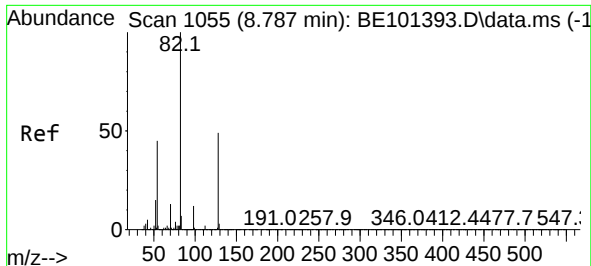
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Acetophenone
Concen: 4.311 ng
RT: 8.428 min Scan# 994
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:105 Resp: 60166
Ion Ratio Lower Upper
105 100
71 0.6 0.1 0.1#
51 24.9 19.4 29.0
120 21.9 18.4 27.6





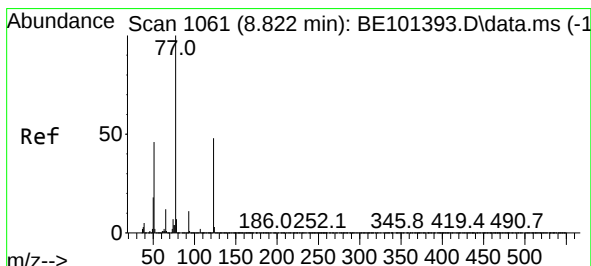
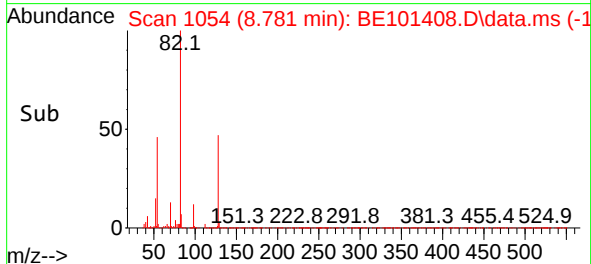
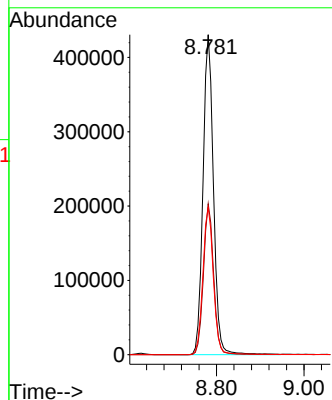
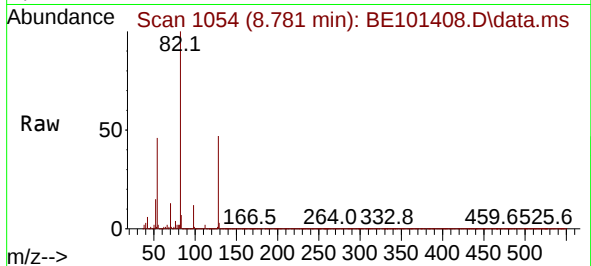
#23
Nitrobenzene-d5
Concen: 73.349 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion: 82 Resp: 71772
Ion Ratio Lower Upper
82 100
128 47.2 38.9 58.3
54 46.0 36.2 54.4

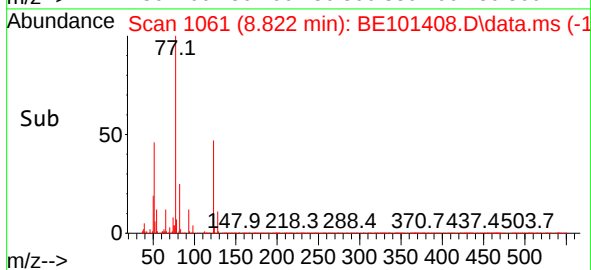
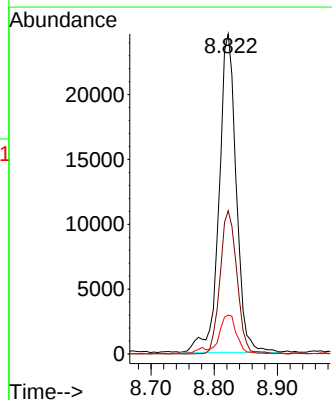
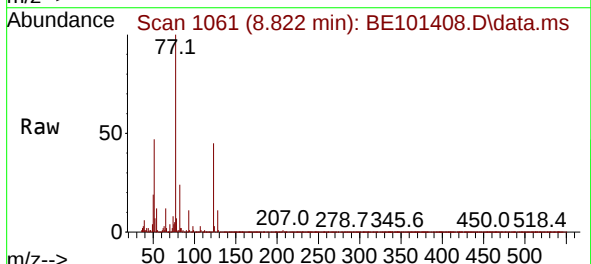
Manual Integrations
APPROVED

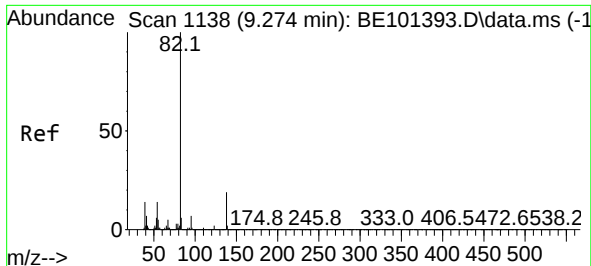
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Nitrobenzene
Concen: 4.458 ng
RT: 8.822 min Scan# 1061
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 77 Resp: 46428
Ion Ratio Lower Upper
77 100
123 44.8 38.7 58.1
65 12.2 10.0 15.0





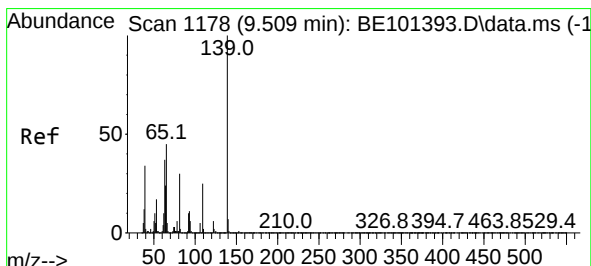
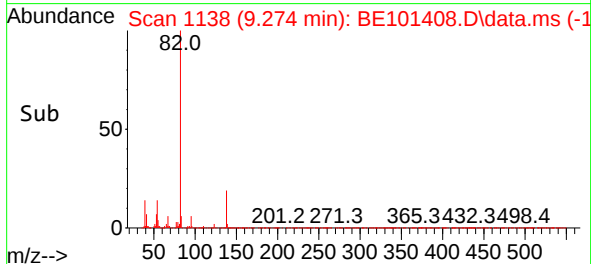
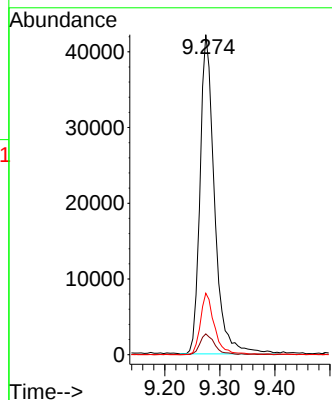
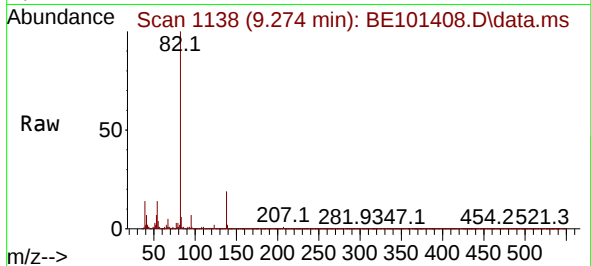
#25
Isophorone
Concen: 4.054 ng
RT: 9.274 min Scan# 1138
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion: 82 Resp: 7740
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 19.2 15.0 22.4

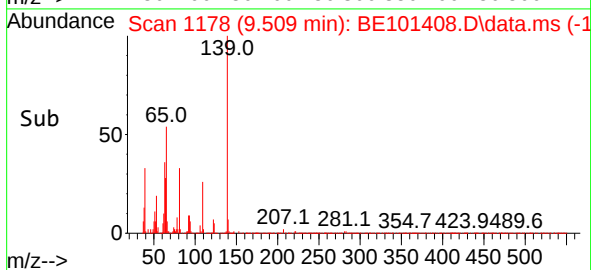
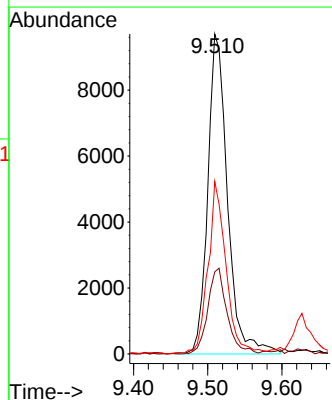
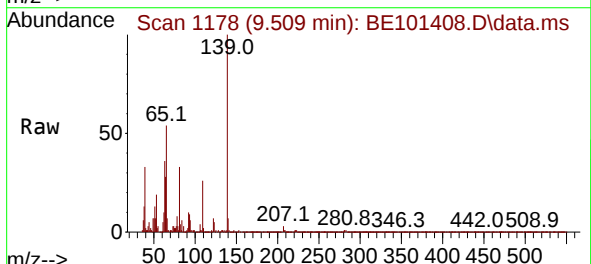
Manual Integrations
APPROVED

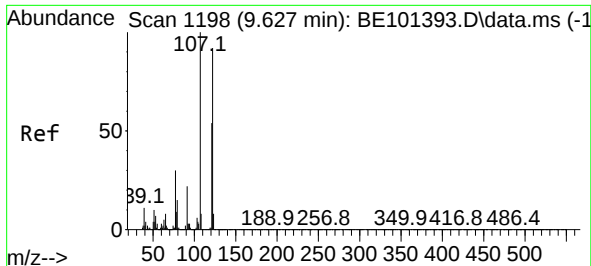
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#26
2-Nitrophenol
Concen: 3.560 ng
RT: 9.509 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

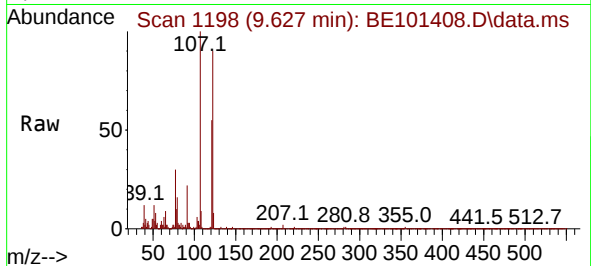
Tgt Ion:139 Resp: 17918
Ion Ratio Lower Upper
139 100
109 25.6 20.1 30.1
65 53.9 36.0 54.0





#27
2,4-Dimethylphenol
Concen: 3.448 ng
RT: 9.627 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

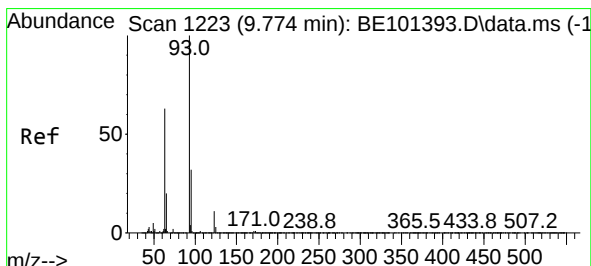
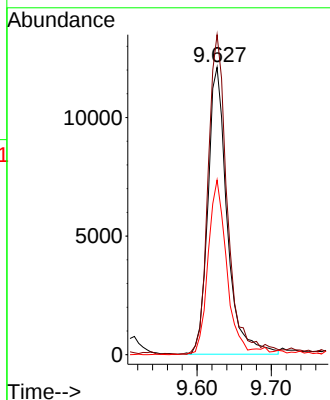
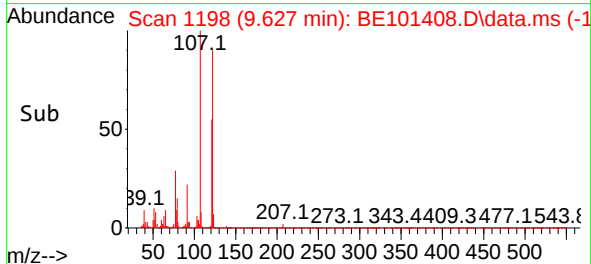
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 122 Resp: 21839
Ion Ratio Lower Upper
122 100
107 111.3 87.4 131.0
121 60.8 47.4 71.0

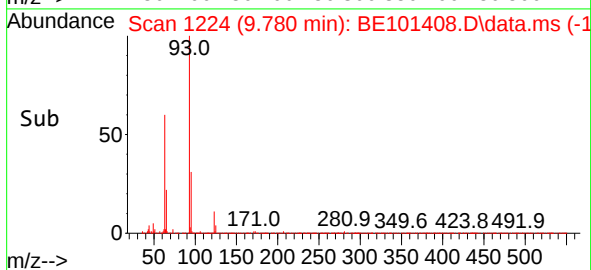
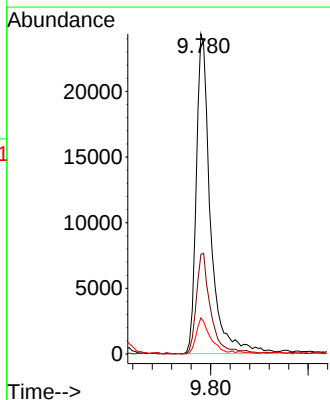
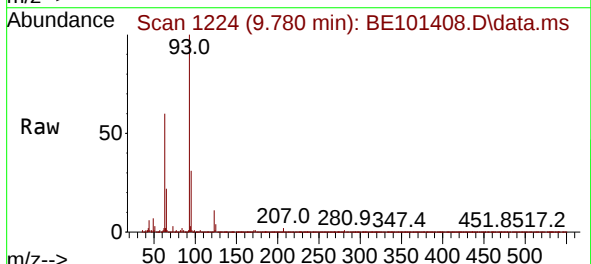
Manual Integrations
APPROVED

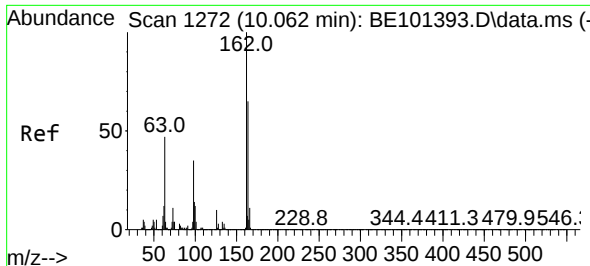
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#28
bis(2-Chloroethoxy)methane
Concen: 4.294 ng
RT: 9.780 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 93 Resp: 49726
Ion Ratio Lower Upper
93 100
95 31.1 25.8 38.6
123 11.3 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 3.800 ng

RT: 10.062 min Scan# 1272

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

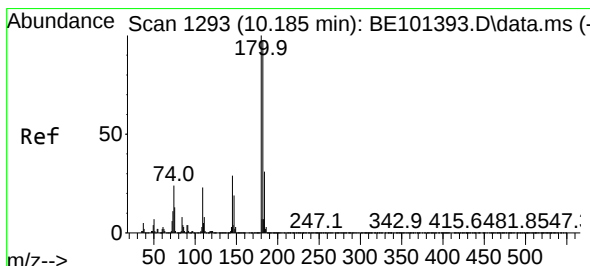
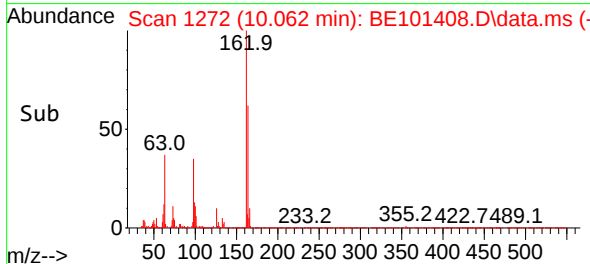
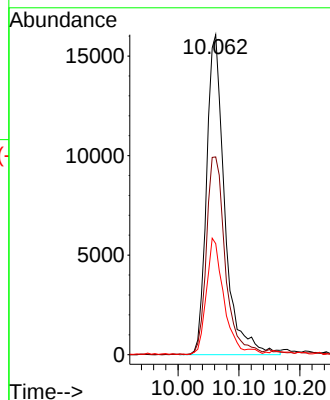
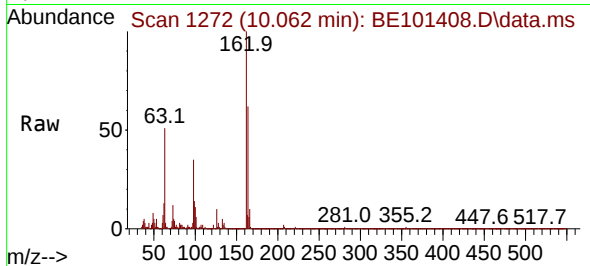
LOQ-WATER-02-QT4-2024

Tgt Ion:	162	Resp:	33290
Ion Ratio	Lower	Upper	
162	100		
164	61.8	45.4	85.4
98	34.7	14.5	54.5

Manual Integrations

APPROVED

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



#30

1,2,4-Trichlorobenzene

Concen: 4.213 ng

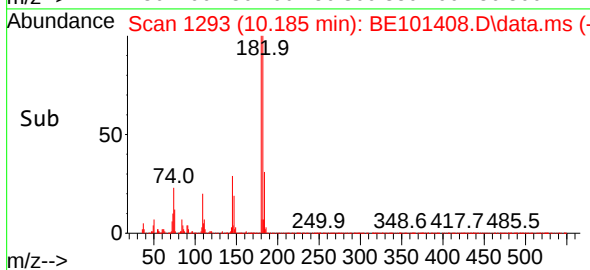
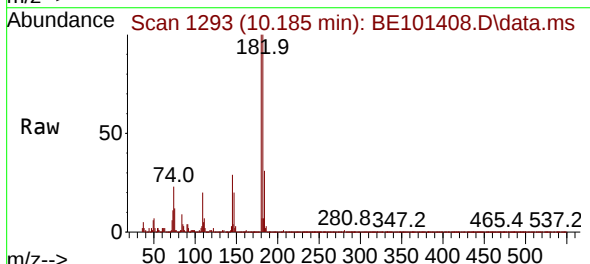
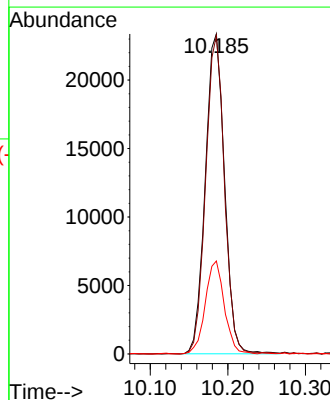
RT: 10.185 min Scan# 1293

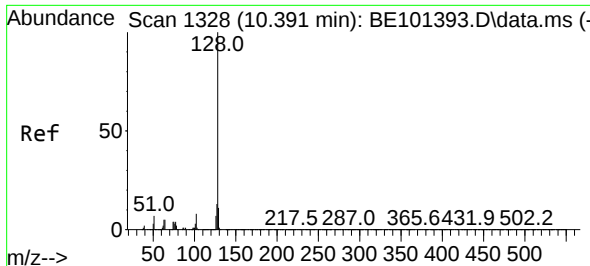
Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:	180	Resp:	40214
Ion Ratio	Lower	Upper	
180	100		
182	99.5	77.4	116.0
145	29.1	23.3	34.9





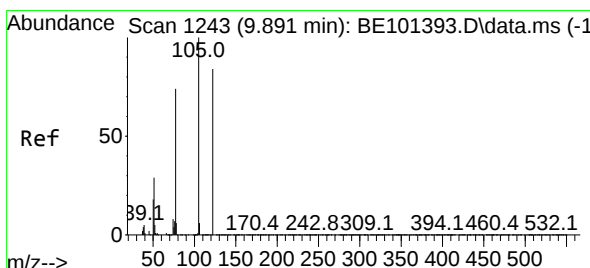
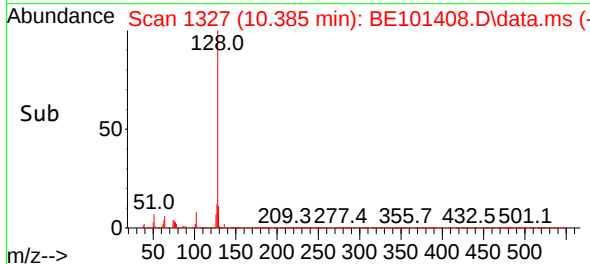
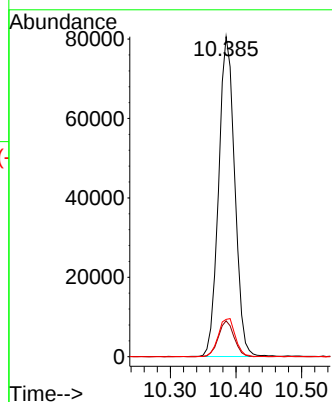
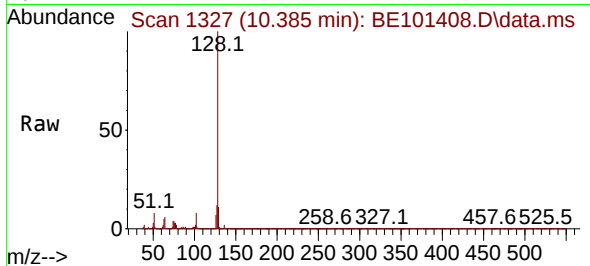
#31
Naphthalene
Concen: 4.370 ng
RT: 10.385 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:128 Resp: 136869
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 11.6 10.3 15.5

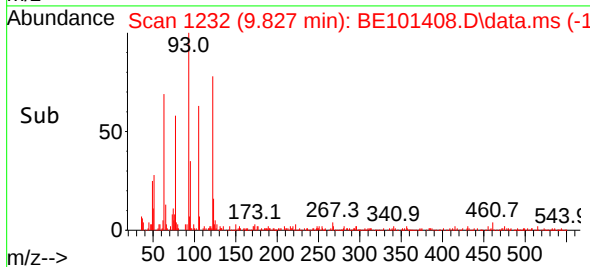
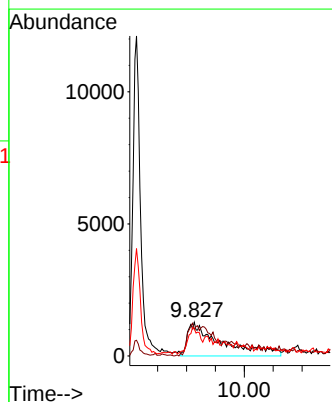
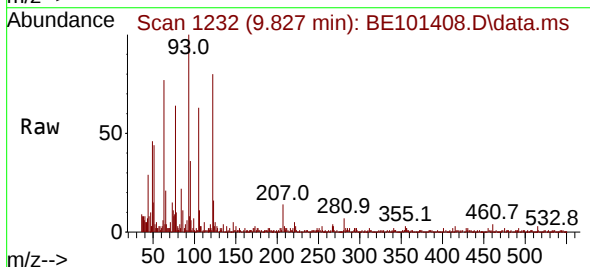
Manual Integrations
APPROVED

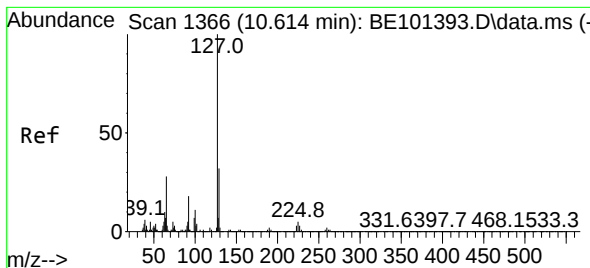
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#32
Benzoic acid
Concen: 9.514 ng m
RT: 9.827 min Scan# 1232
Delta R.T. -0.064 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:122 Resp: 10207
Ion Ratio Lower Upper
122 100
105 79.4 97.9 137.9#
77 80.5 68.1 108.1





#33

4-Chloroaniline

Concen: 4.509 ng

RT: 10.620 min Scan# 1366

Delta R.T. 0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

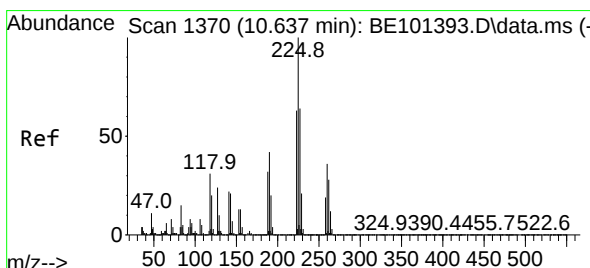
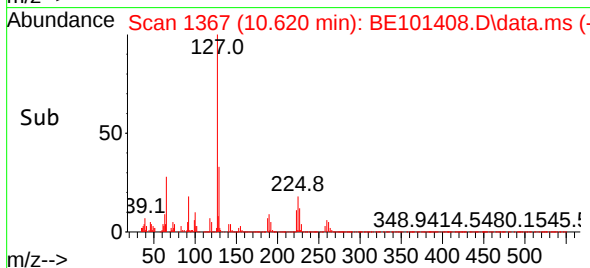
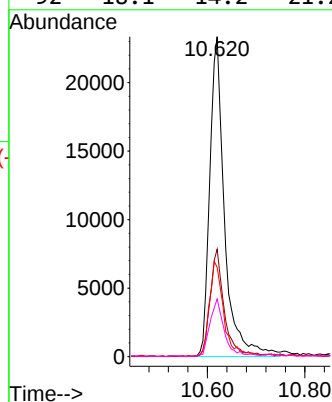
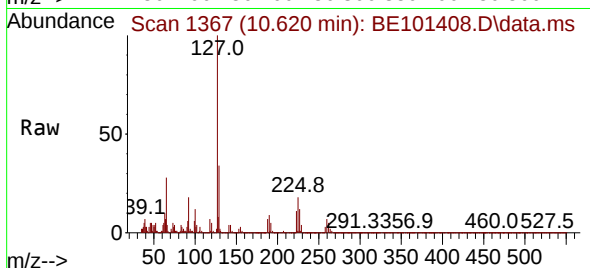
LOQ-WATER-02-QT4-2024

Tgt Ion:	127	Resp:	49100
Ion Ratio	Lower	Upper	
127	100		
129	33.6	25.7	38.5
65	28.0	22.2	33.4
92	18.1	14.2	21.2

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 4.172 ng

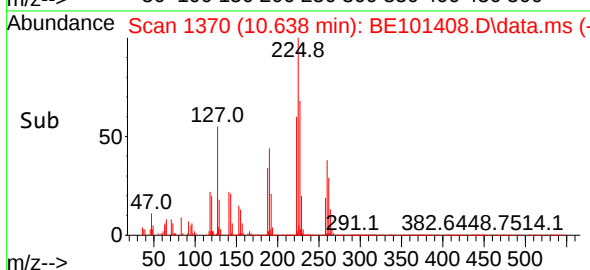
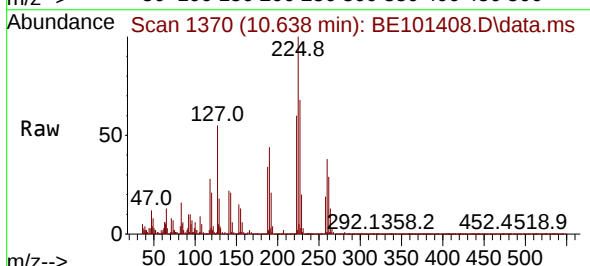
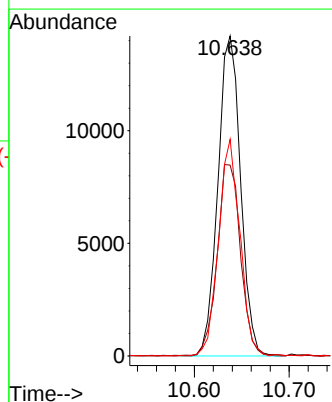
RT: 10.638 min Scan# 1370

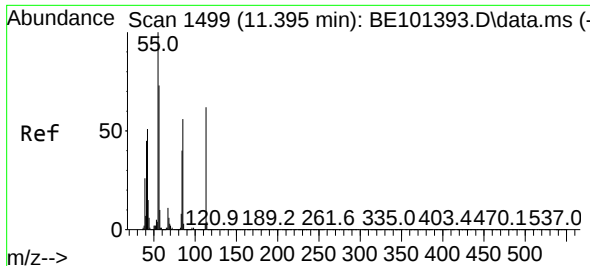
Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:	225	Resp:	23573
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.5	75.7
227	67.7	51.0	76.6





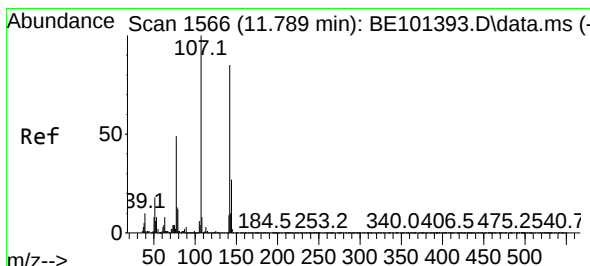
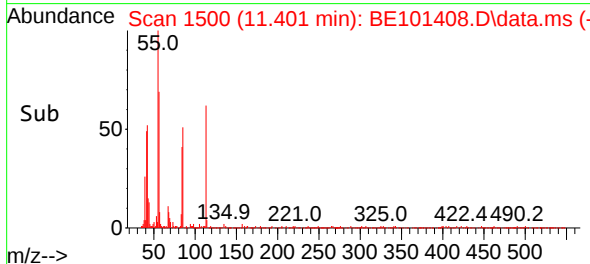
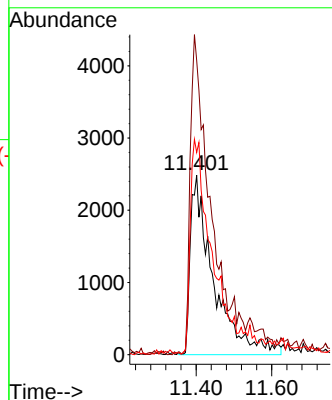
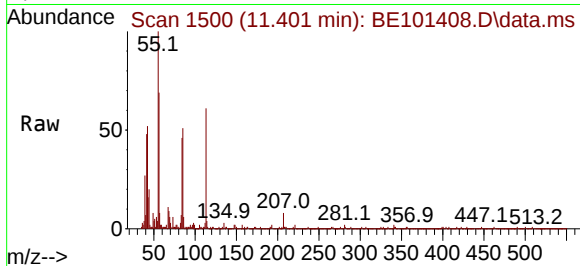
#35
Caprolactam
Concen: 3.135 ng m
RT: 11.401 min Scan# 11
Delta R.T. 0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:113 Resp: 1053
Ion Ratio Lower Upper
113 100
55 164.0 141.2 181.2
56 112.6 96.9 136.9

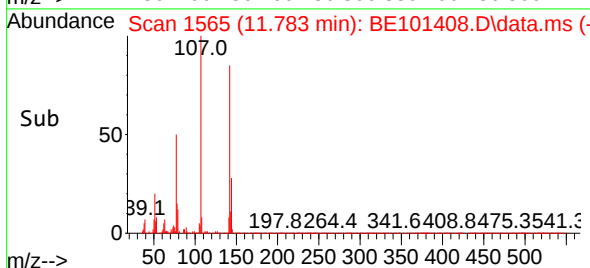
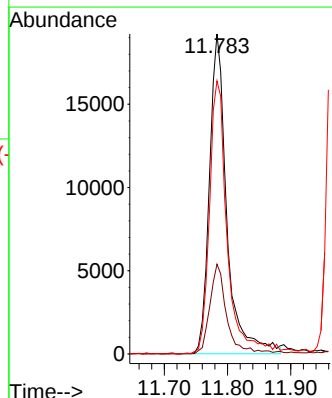
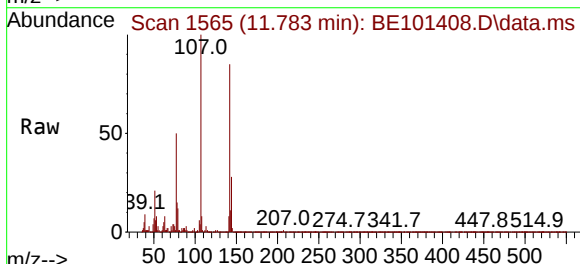
Manual Integrations
APPROVED

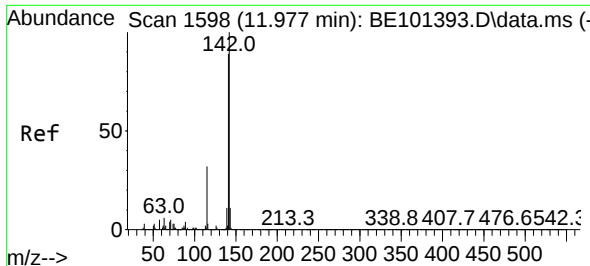
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#36
4-Chloro-3-methylphenol
Concen: 3.693 ng
RT: 11.783 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:107 Resp: 36846
Ion Ratio Lower Upper
107 100
144 28.0 21.9 32.9
142 85.4 68.0 102.0





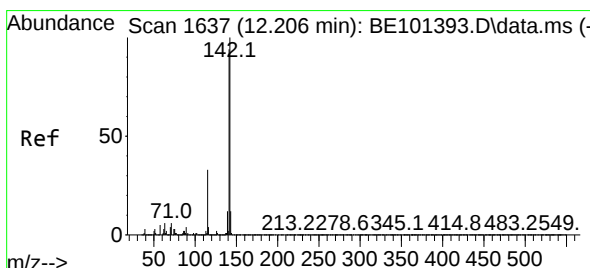
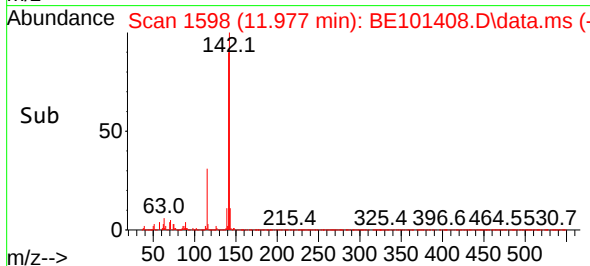
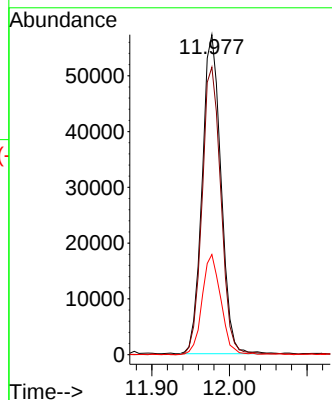
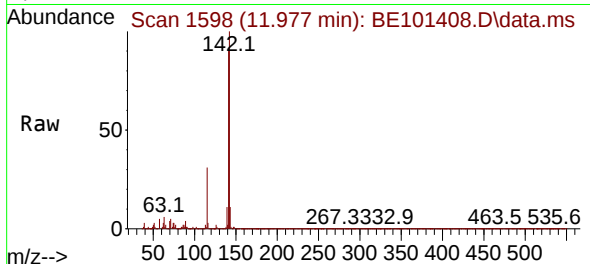
#37
2-Methylnaphthalene
Concen: 4.275 ng
RT: 11.977 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:142 Resp: 96449
Ion Ratio Lower Upper
142 100
141 89.8 71.4 107.2
115 31.3 25.6 38.4

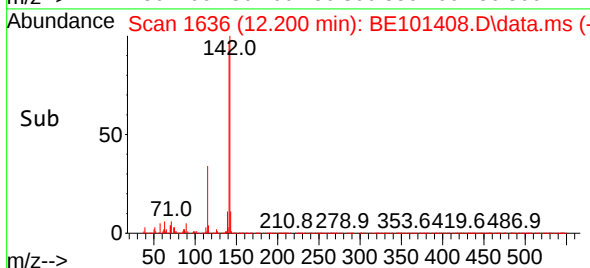
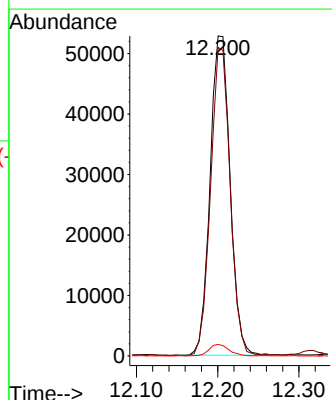
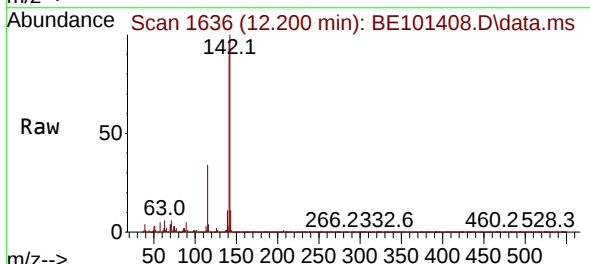
Manual Integrations
APPROVED

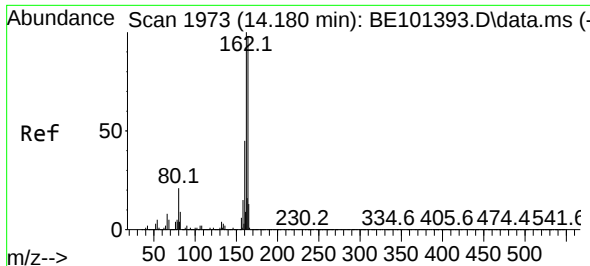
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#38
1-Methylnaphthalene
Concen: 4.006 ng
RT: 12.200 min Scan# 1636
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

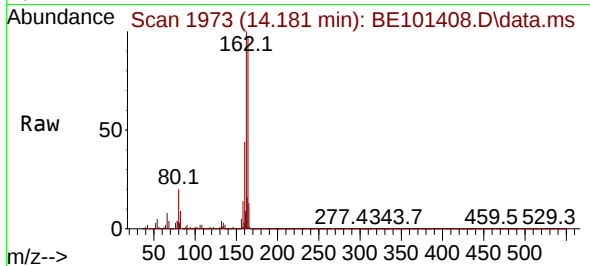
Tgt Ion:142 Resp: 90218
Ion Ratio Lower Upper
142 100
141 96.4 75.0 112.4
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.181 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

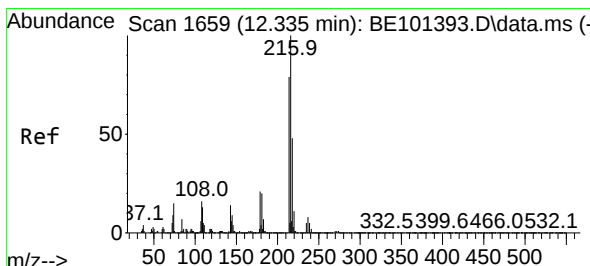
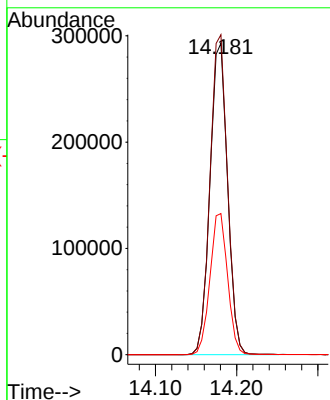
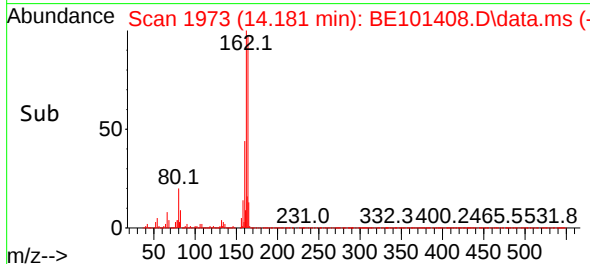
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



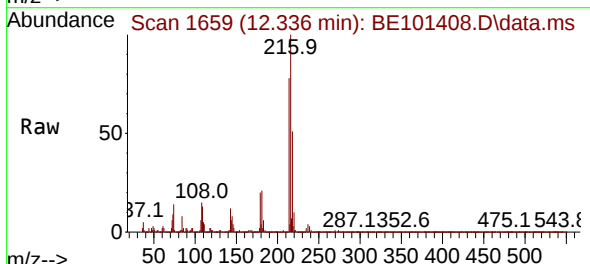
Tgt Ion:164 Resp: 439329
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.3 36.4 54.6

Manual Integrations
APPROVED

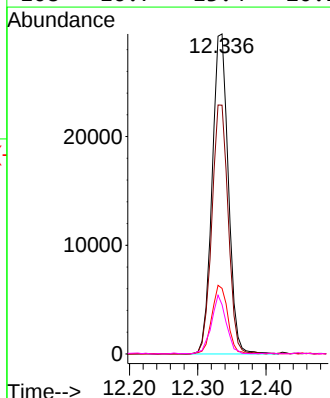
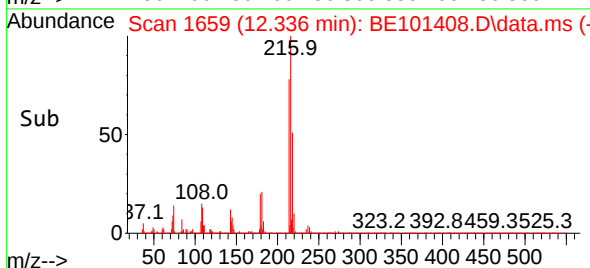
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

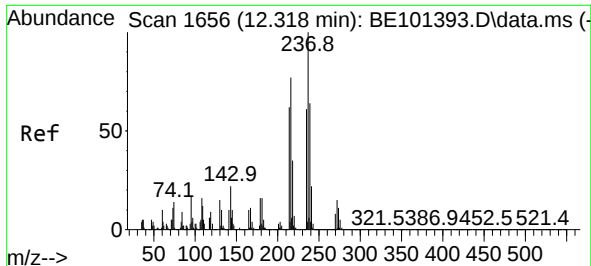


#40
1,2,4,5-Tetrachlorobenzene
Concen: 4.415 ng
RT: 12.336 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44



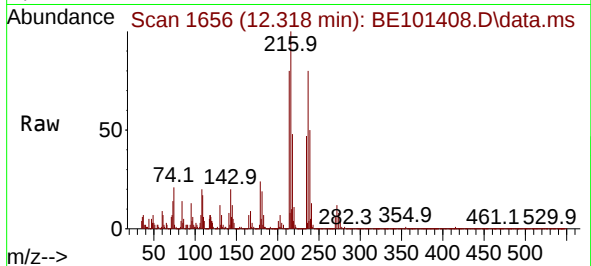
Tgt Ion:216 Resp: 48690
Ion Ratio Lower Upper
216 100
214 78.4 63.0 94.4
179 21.1 16.7 25.1
108 16.7 13.4 20.2





#41
Hexachlorocyclopentadiene
Concen: 3.620 ng
RT: 12.318 min Scan# 10
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

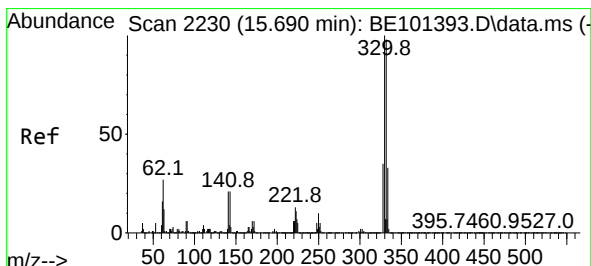
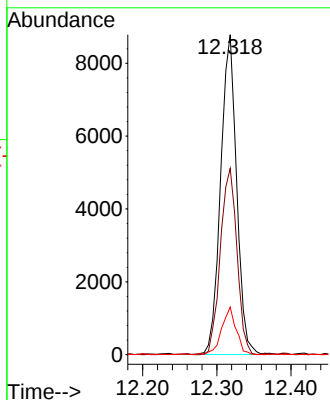
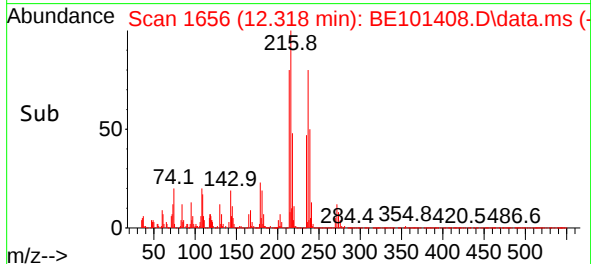
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 237 Resp: 1318
Ion Ratio Lower Upper
237 100
235 58.2 41.3 81.3
272 14.9 0.0 34.6

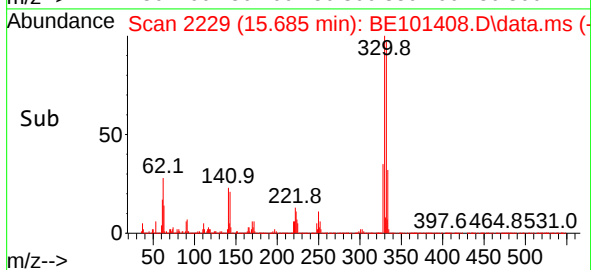
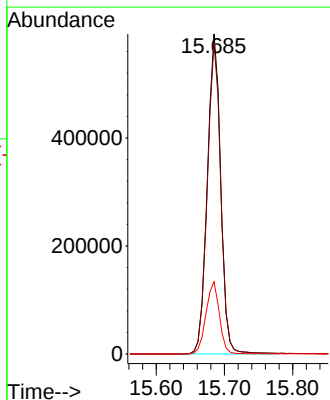
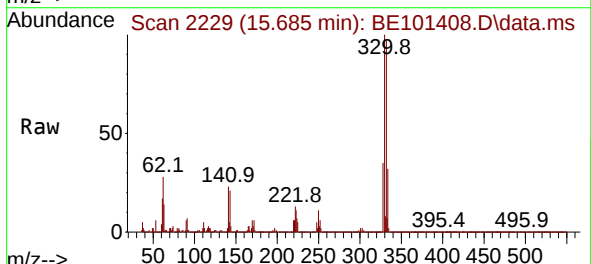
Manual Integrations
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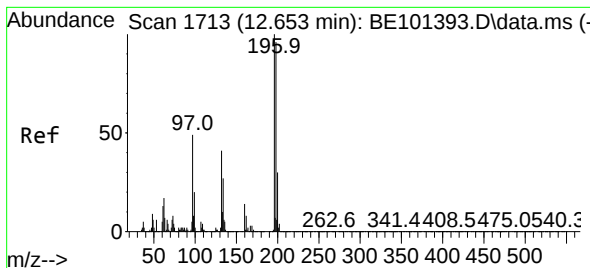
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#42
2,4,6-Tribromophenol
Concen: 105.263 ng
RT: 15.685 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 330 Resp: 810531
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 22.7 18.3 27.5





#43

2,4,6-Trichlorophenol

Concen: 3.794 ng

RT: 12.653 min Scan# 1713

Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

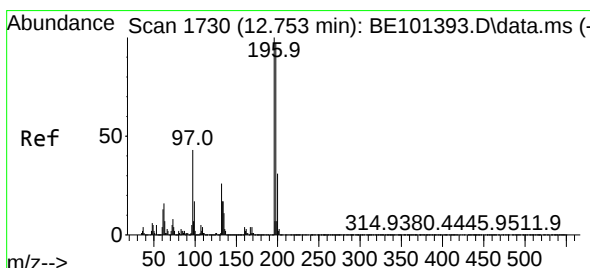
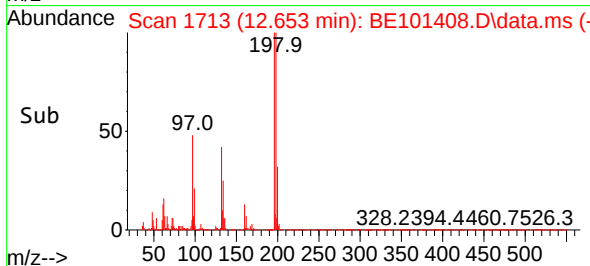
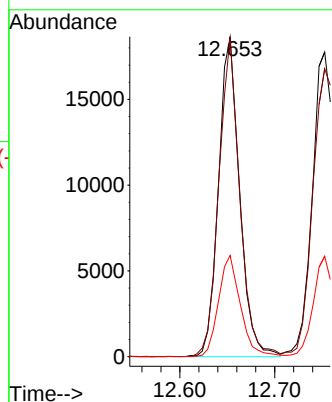
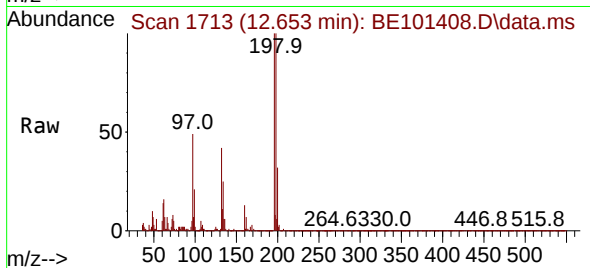
LOQ-WATER-02-QT4-2024

Tgt Ion:196	Resp:	2884
Ion Ratio	Lower	Upper
196	100	
198	100.2	76.6 115.0
200	31.7	24.1 36.1

Manual Integrations

APPROVED

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



#44

2,4,5-Trichlorophenol

Concen: 3.818 ng

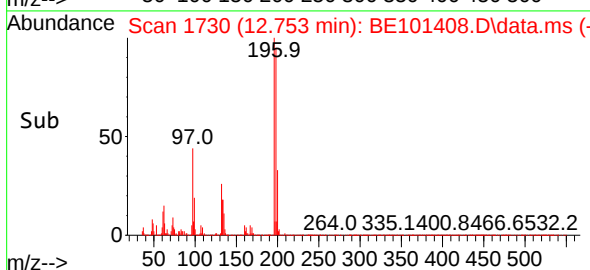
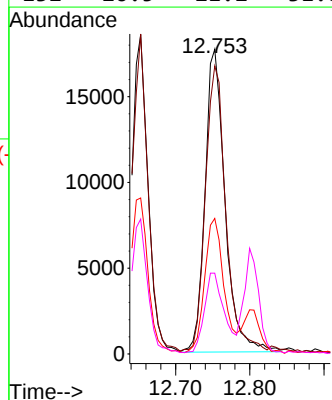
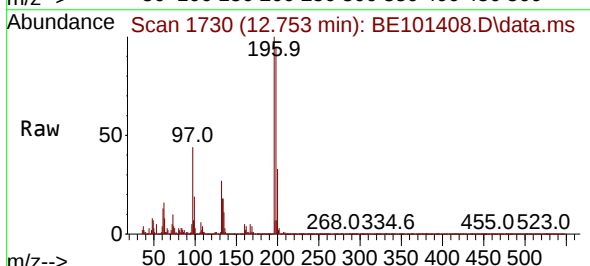
RT: 12.753 min Scan# 1730

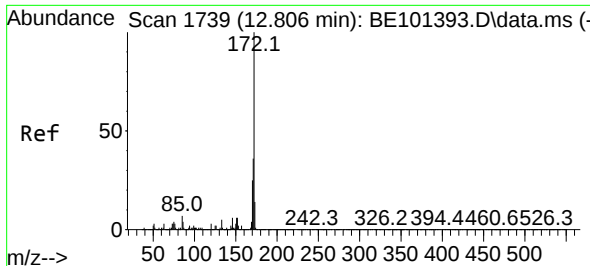
Delta R.T. 0.000 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

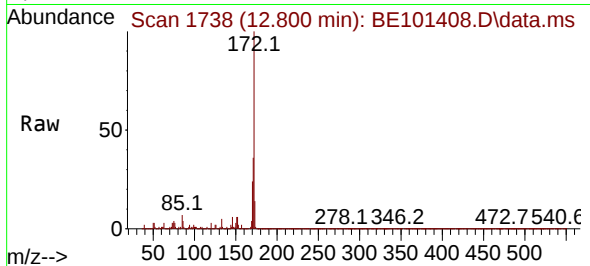
Tgt Ion:196	Resp:	33240
Ion Ratio	Lower	Upper
196	100	
198	94.5	77.4 116.0
97	44.5	34.8 52.2
132	26.5	21.2 31.8





#45
2-Fluorobiphenyl
Concen: 75.861 ng
RT: 12.800 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

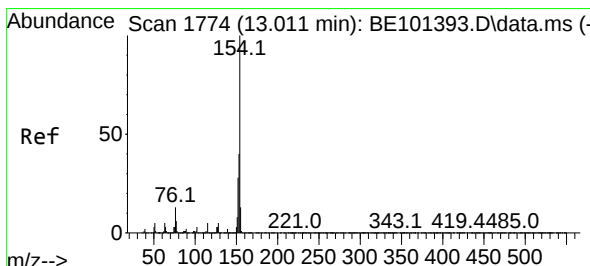
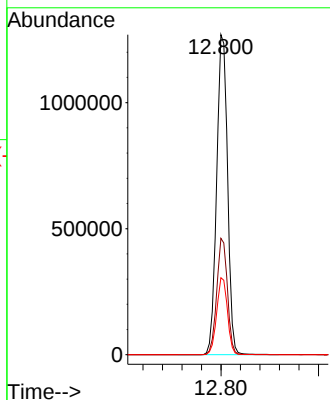
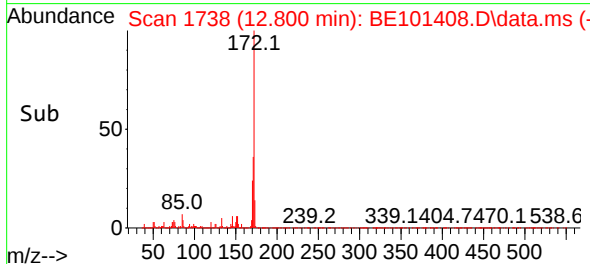
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion:172 Resp: 1967944
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.1 19.8 29.6

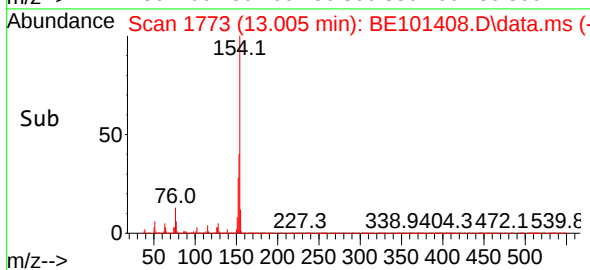
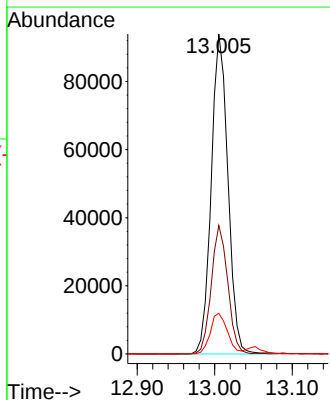
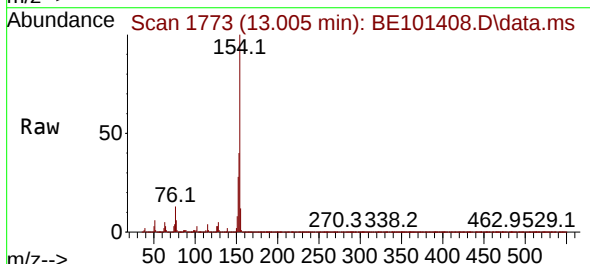
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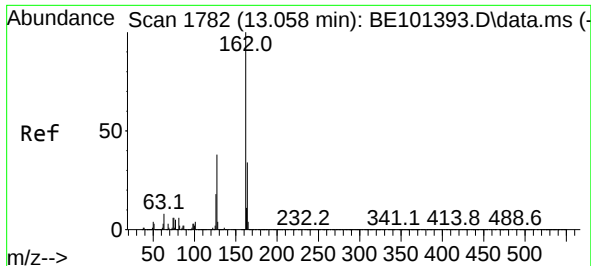
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#46
1,1'-Biphenyl
Concen: 4.675 ng
RT: 13.005 min Scan# 1773
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:154 Resp: 140702
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 12.7 0.0 32.6





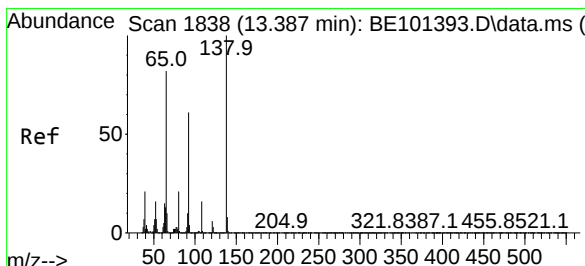
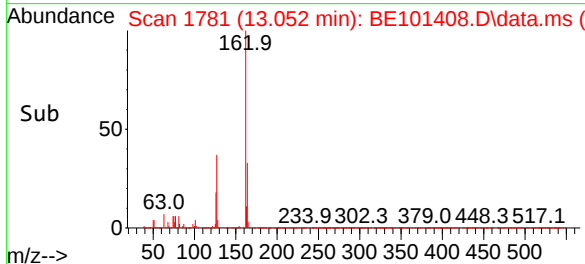
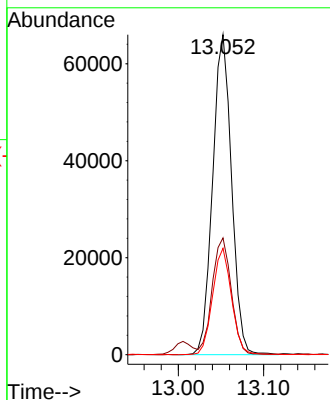
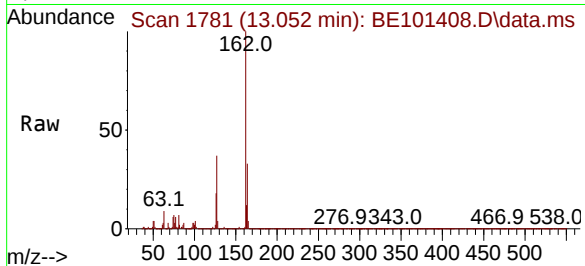
#47
2-Chloronaphthalene
Concen: 4.267 ng
RT: 13.052 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:162 Resp: 101480
Ion Ratio Lower Upper
162 100
127 36.5 30.4 45.6
164 33.2 27.0 40.6

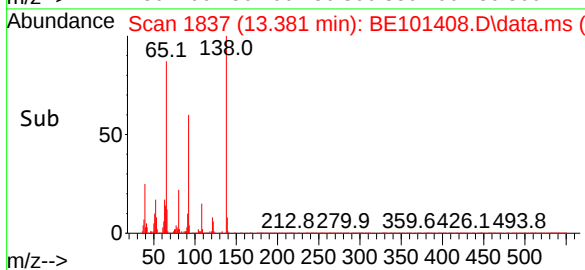
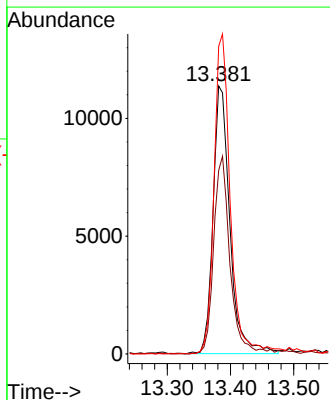
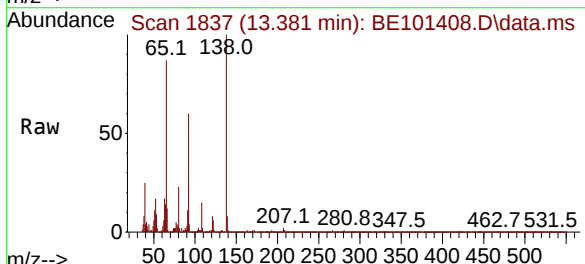
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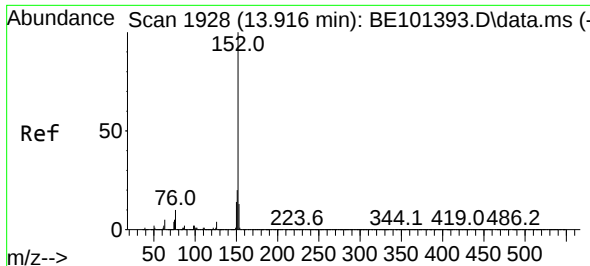
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#48
2-Nitroaniline
Concen: 3.280 ng
RT: 13.381 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 65 Resp: 20994
Ion Ratio Lower Upper
65 100
92 68.5 59.0 88.4
138 114.8 97.4 146.0





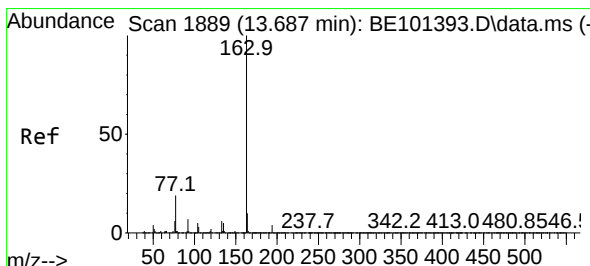
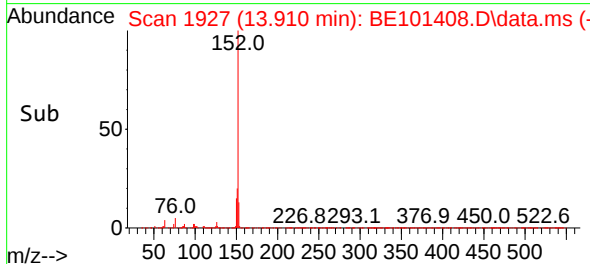
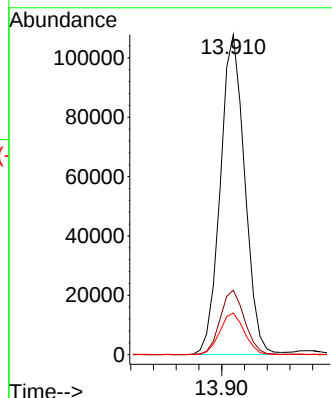
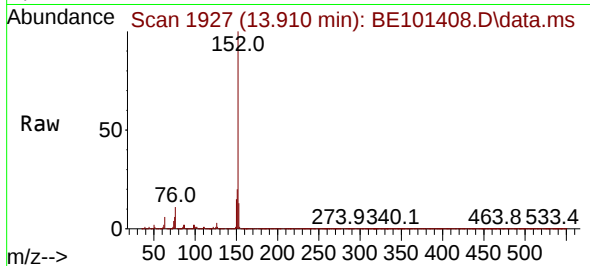
#49
Acenaphthylene
Concen: 4.565 ng
RT: 13.910 min Scan# 1928
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:152 Resp: 160530
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.0 10.5 15.7

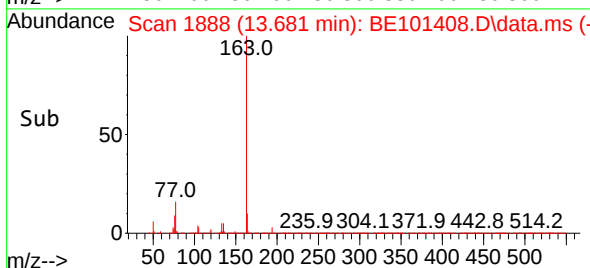
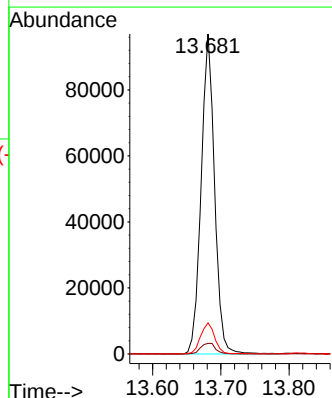
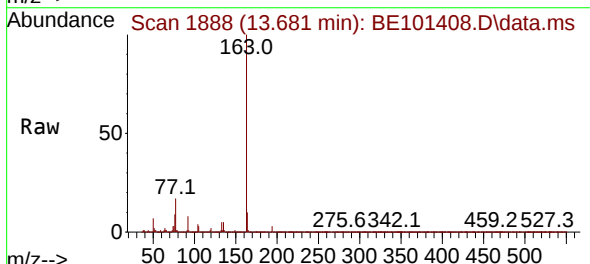
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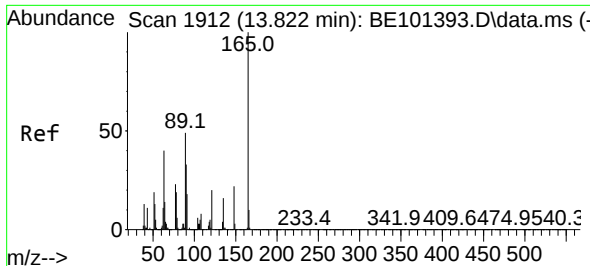
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#50
Dimethylphthalate
Concen: 4.271 ng
RT: 13.681 min Scan# 1888
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:163 Resp: 132456
Ion Ratio Lower Upper
163 100
194 3.3 2.9 4.3
164 9.7 8.4 12.6





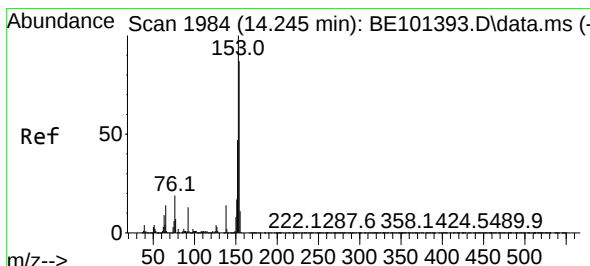
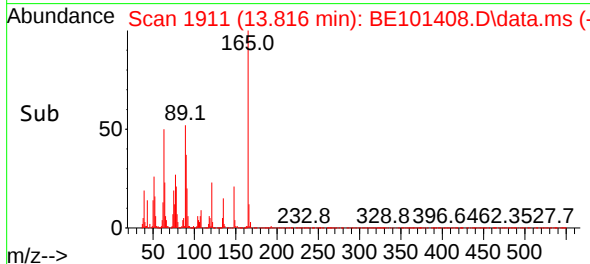
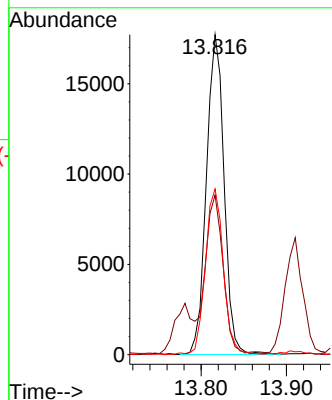
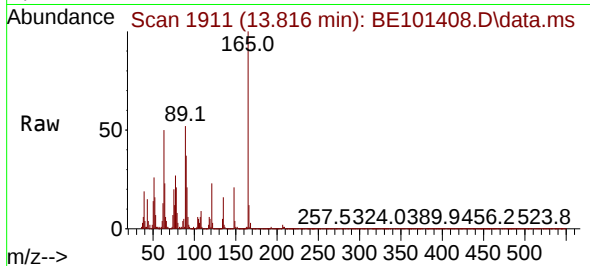
#51
2,6-Dinitrotoluene
Concen: 3.563 ng
RT: 13.816 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:165 Resp: 25509
Ion Ratio Lower Upper
165 100
63 49.9 38.0 57.0
89 51.8 39.5 59.3

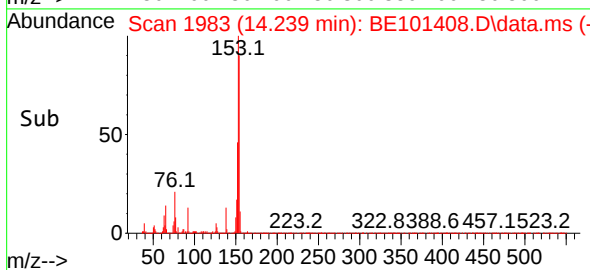
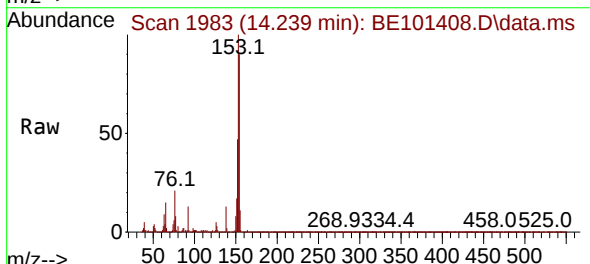
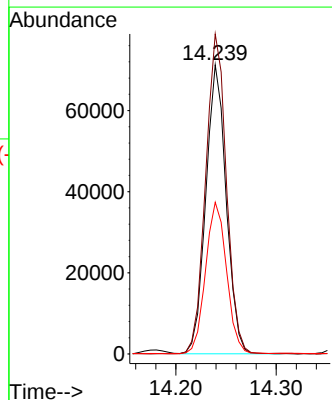
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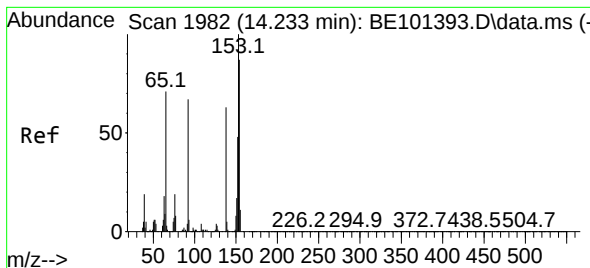
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#52
Acenaphthene
Concen: 4.386 ng
RT: 14.239 min Scan# 1983
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:154 Resp: 100724
Ion Ratio Lower Upper
154 100
153 110.7 91.8 137.6
152 52.5 43.1 64.7





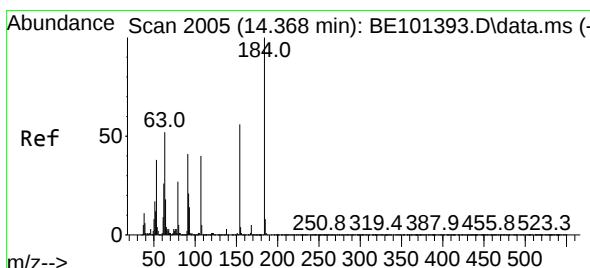
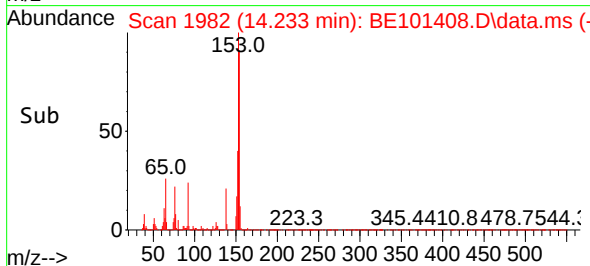
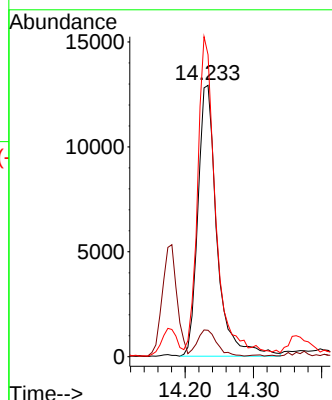
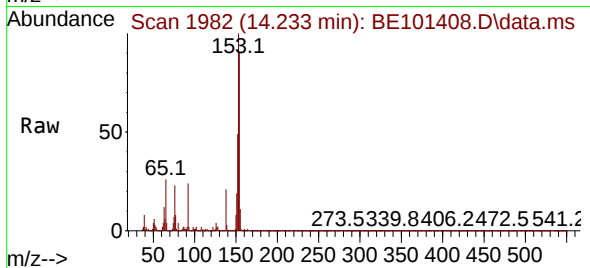
#53
3-Nitroaniline
Concen: 3.526 ng
RT: 14.233 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:138 Resp: 25100
Ion Ratio Lower Upper
138 100
108 9.7 7.1 10.7
92 111.2 84.4 126.6

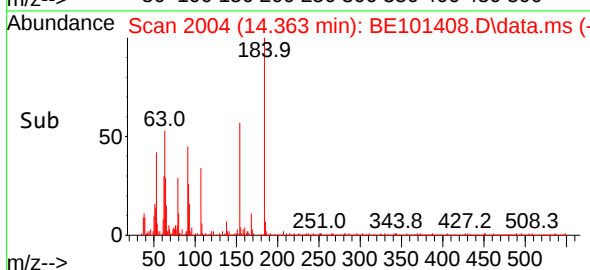
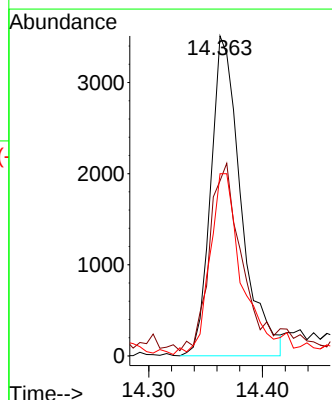
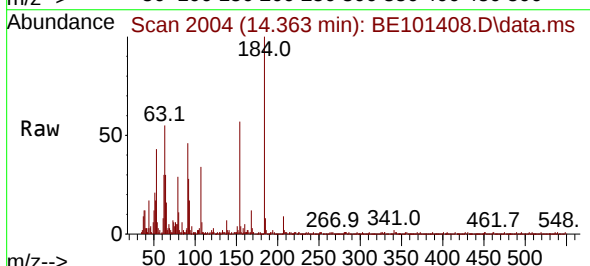
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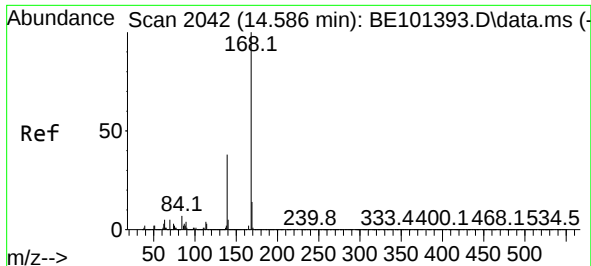
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#54
2,4-Dinitrophenol
Concen: 6.801 ng
RT: 14.363 min Scan# 2004
Delta R.T. -0.005 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:184 Resp: 6481
Ion Ratio Lower Upper
184 100
63 54.8 41.8 62.6
154 57.0 44.9 67.3





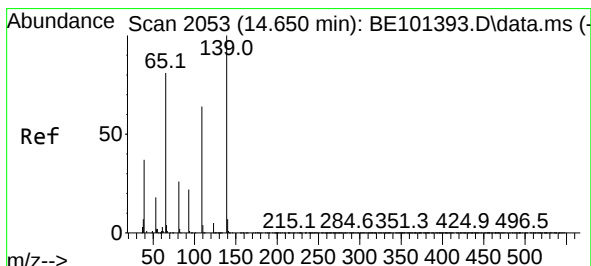
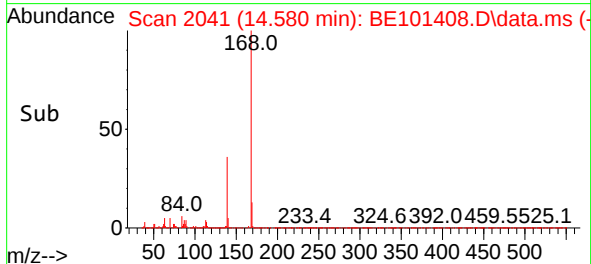
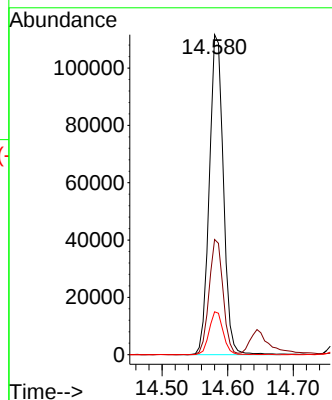
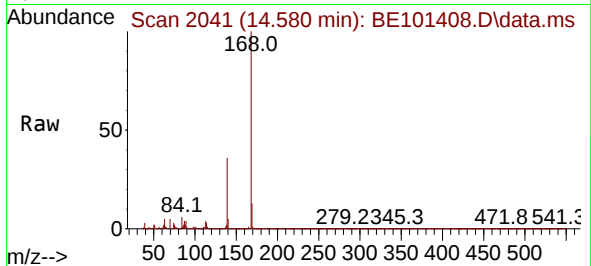
#55
Dibenzenofuran
Concen: 4.545 ng
RT: 14.580 min Scan# 2042
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:168 Resp: 166339
Ion Ratio Lower Upper
168 100
139 36.0 30.2 45.4
169 13.4 11.0 16.4

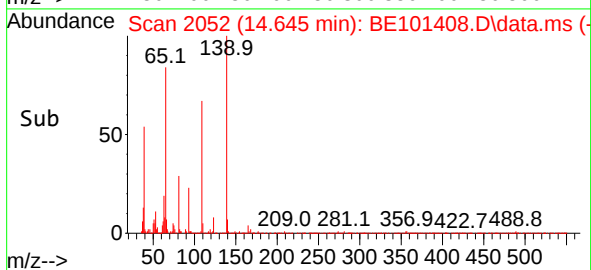
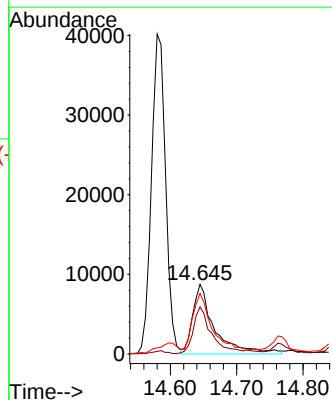
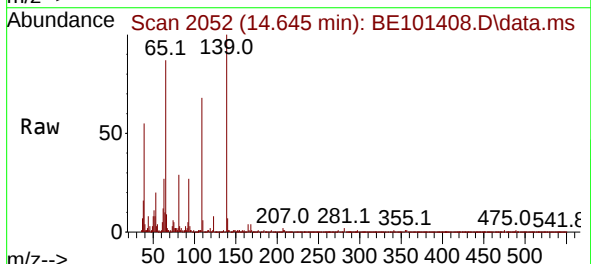
Manual Integrations
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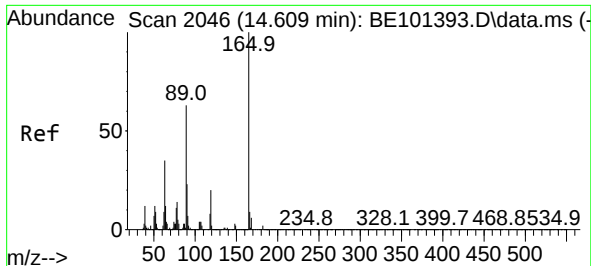
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#56
4-Nitrophenol
Concen: 3.066 ng m
RT: 14.645 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:139 Resp: 19989
Ion Ratio Lower Upper
139 100
109 67.5 42.4 82.4
65 87.0 63.4 103.4





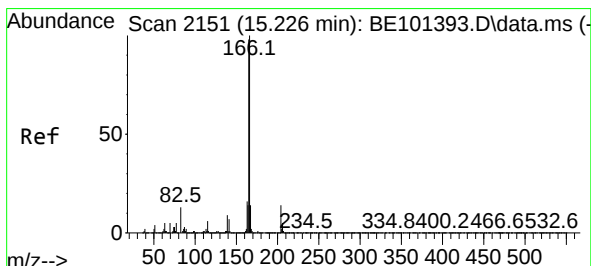
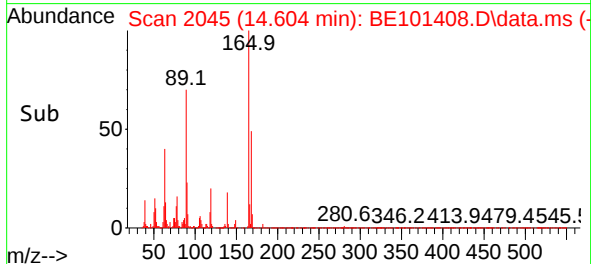
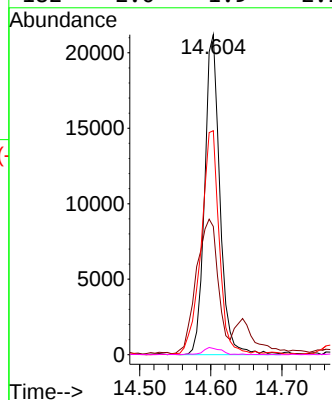
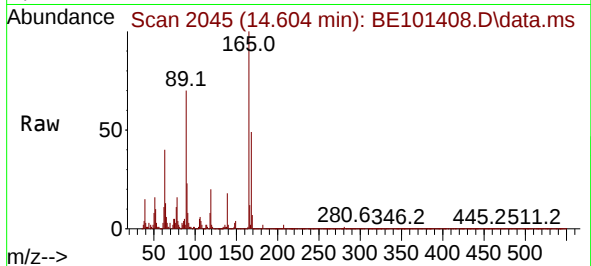
#57
2,4-Dinitrotoluene
Concen: 3.211 ng
RT: 14.604 min Scan# 2045
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:165 Resp: 3164
Ion Ratio Lower Upper
165 100
63 40.0 28.6 42.8
89 70.0 50.8 76.2
182 2.0 1.9 2.9

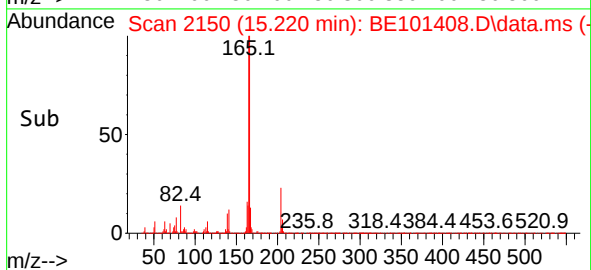
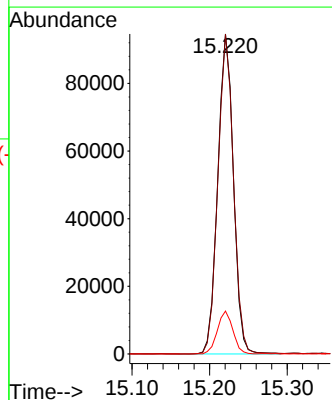
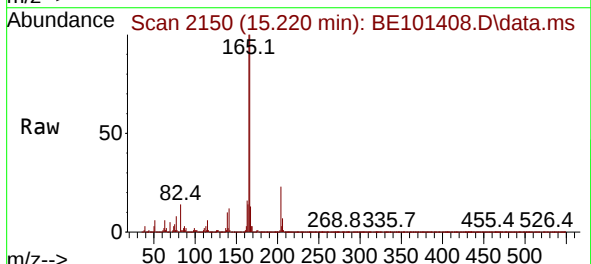
Manual Integrations
APPROVED

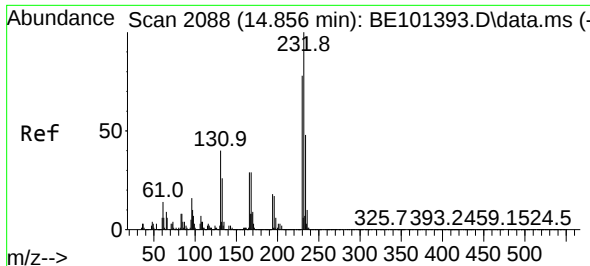
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#58
Fluorene
Concen: 4.339 ng
RT: 15.220 min Scan# 2150
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:166 Resp: 132845
Ion Ratio Lower Upper
166 100
165 100.0 78.7 118.1
167 13.4 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 4.248 ng

RT: 14.850 min Scan# 2088

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:232 Resp: 3417

Ion Ratio Lower Upper

232 100

131 39.4 33.5 50.3

130 1.9 1.6 2.4

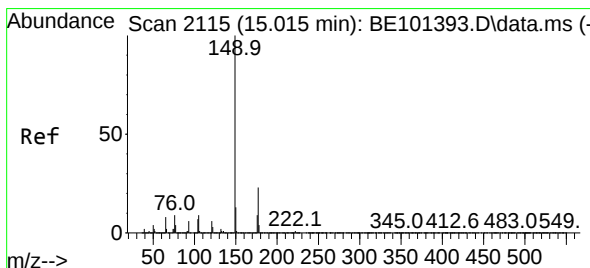
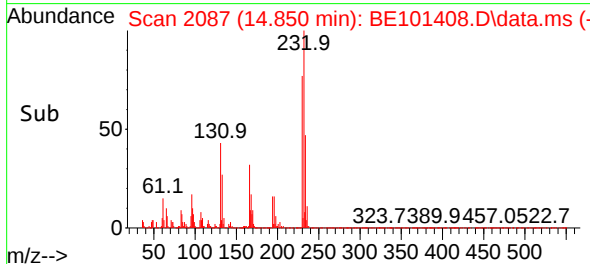
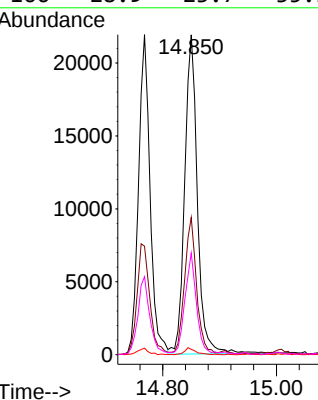
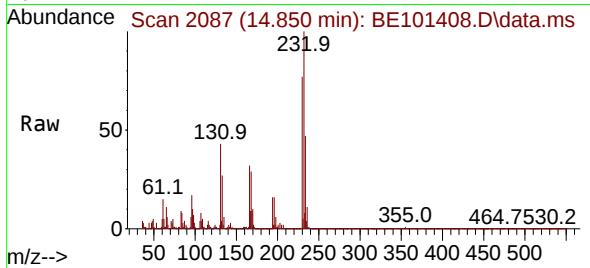
166 28.9 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#60

Diethylphthalate

Concen: 4.186 ng

RT: 15.009 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

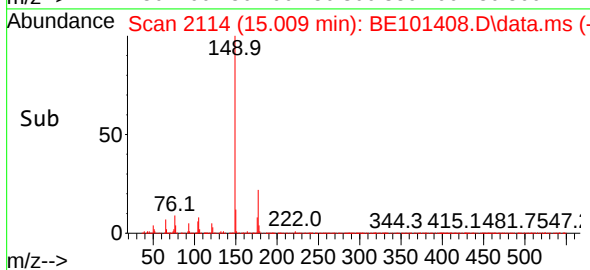
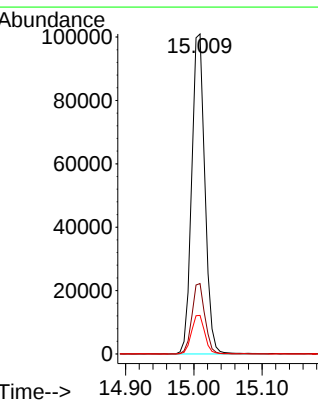
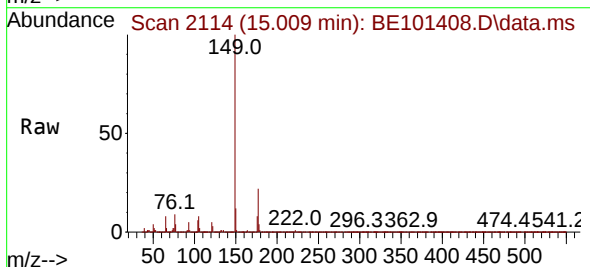
Tgt Ion:149 Resp: 135786

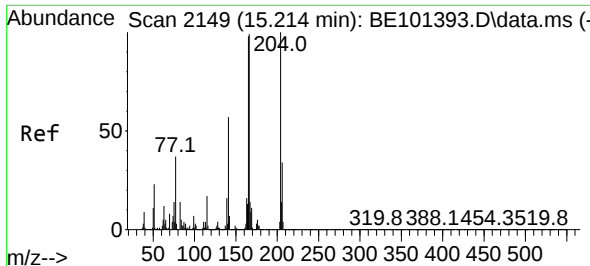
Ion Ratio Lower Upper

149 100

177 22.0 18.0 27.0

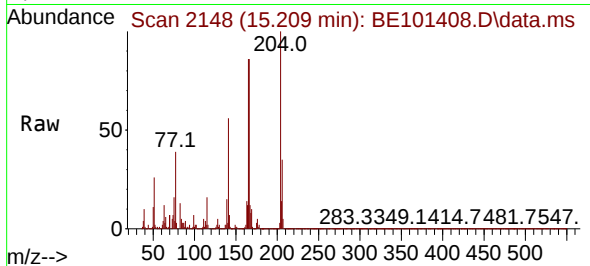
150 12.1 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 4.225 ng
RT: 15.209 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

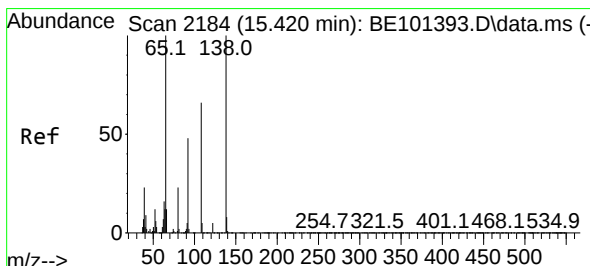
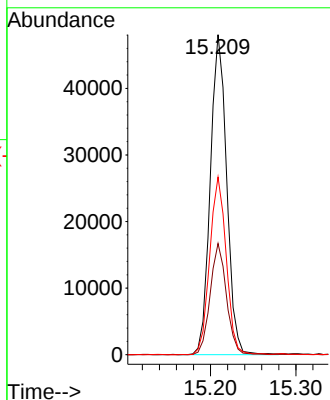
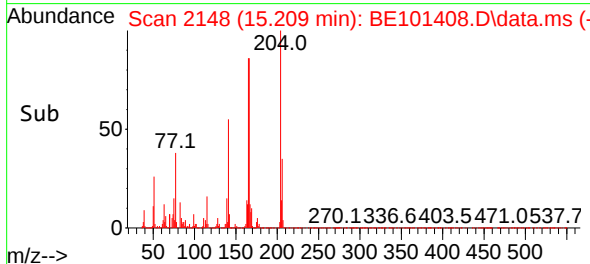
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 204 Resp: 6419
Ion Ratio Lower Upper
204 100
206 34.8 26.9 40.3
141 55.5 45.9 68.9

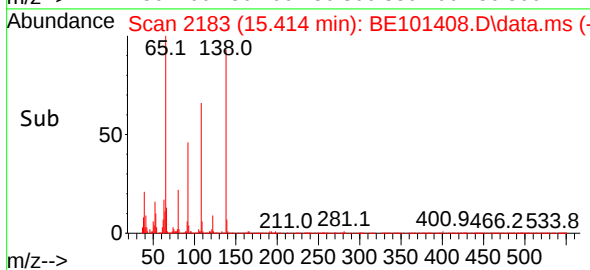
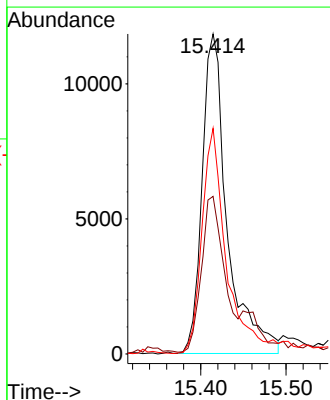
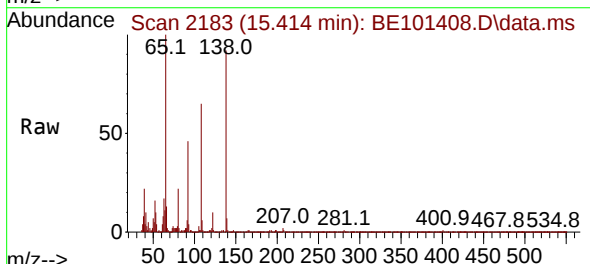
Manual Integrations
APPROVED

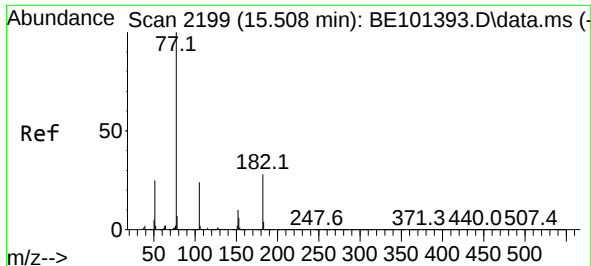
Reviewed By : Jagrut Upadhyay 10/30/2024
Supervised By : mohammad ahmed 11/04/2024



#62
4-Nitroaniline
Concen: 3.053 ng
RT: 15.414 min Scan# 2183
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

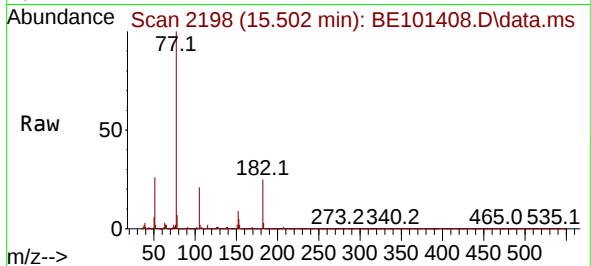
Tgt Ion: 138 Resp: 24184
Ion Ratio Lower Upper
138 100
92 49.3 28.7 68.7
108 70.5 46.5 86.5





#63
Azobenzene
Concen: 4.365 ng
RT: 15.502 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

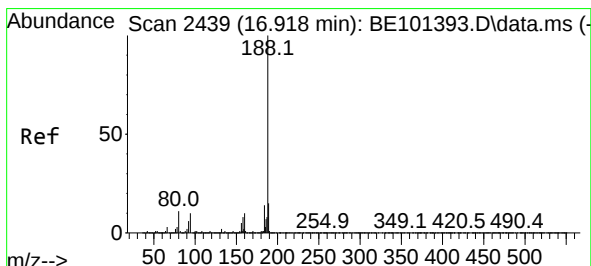
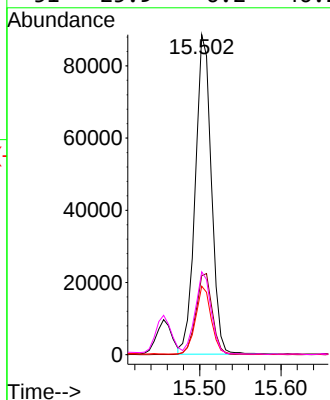
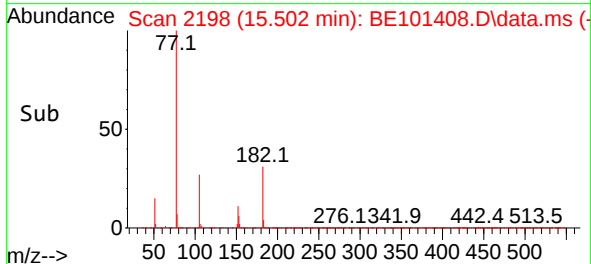
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:	77	Resp:	121710
Ion Ratio	100	Lower	Upper
77	100		
182	24.7	7.6	47.6
105	21.4	3.2	43.2
51	25.9	6.2	46.2

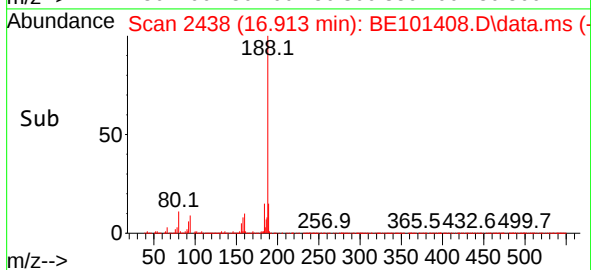
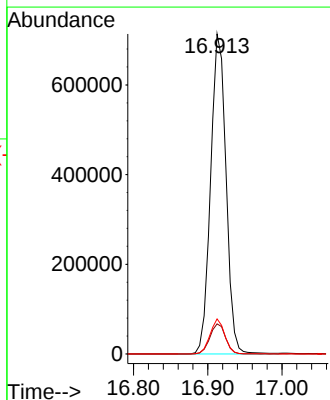
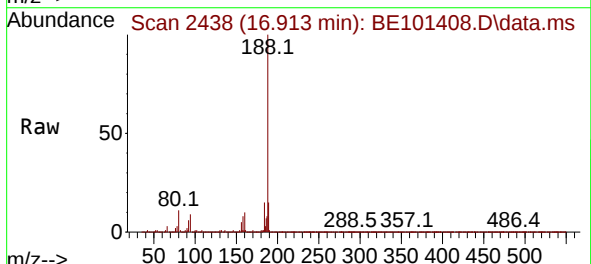
Manual Integrations
APPROVED

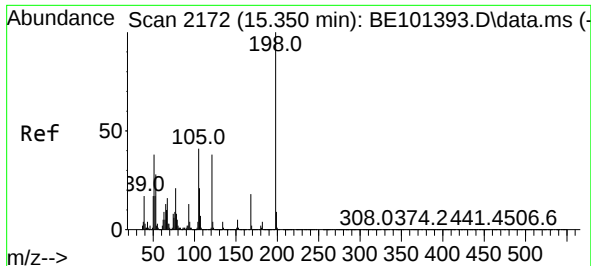
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.913 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:	188	Resp:	1030768
Ion Ratio	100	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	11.0	8.6	12.8





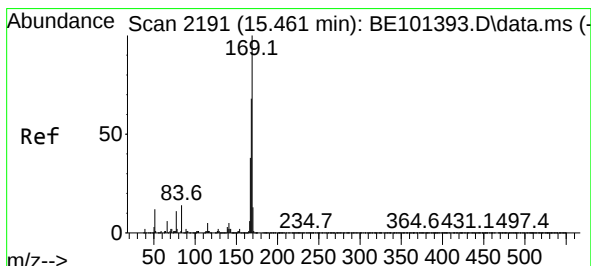
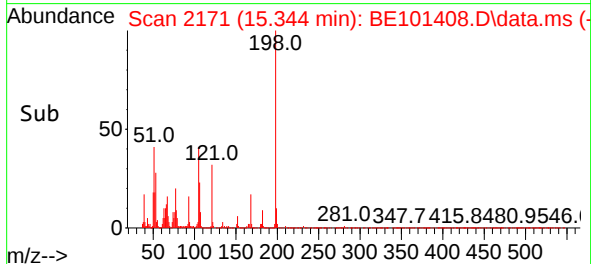
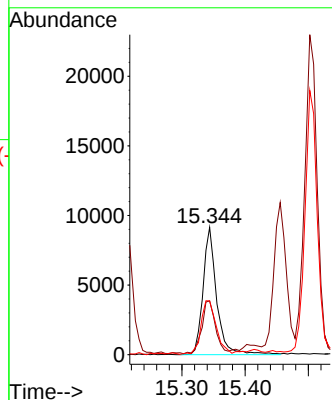
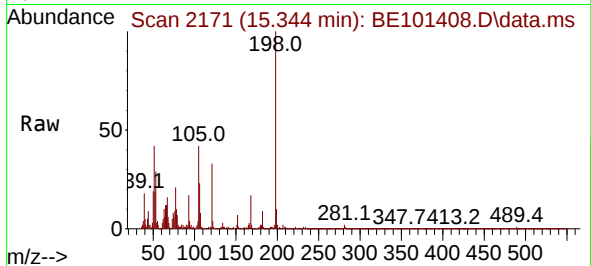
#65
4,6-Dinitro-2-methylphenol
Concen: 2.268 ng
RT: 15.344 min Scan# 2172
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:198 Resp: 1373
Ion Ratio Lower Upper
198 100
51 42.2 18.2 58.2
105 42.2 21.5 61.5

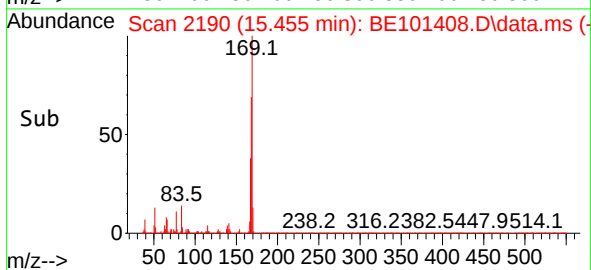
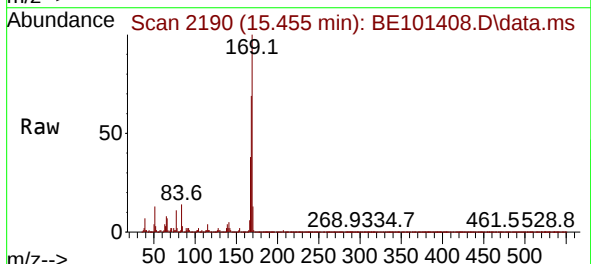
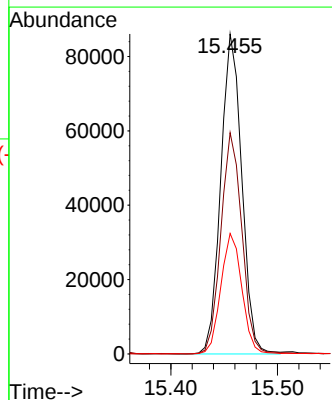
Manual Integrations
APPROVED

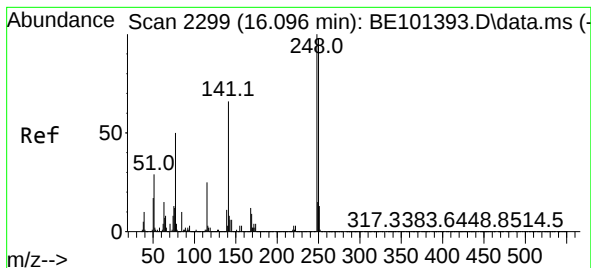
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#66
n-Nitrosodiphenylamine
Concen: 4.299 ng
RT: 15.455 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

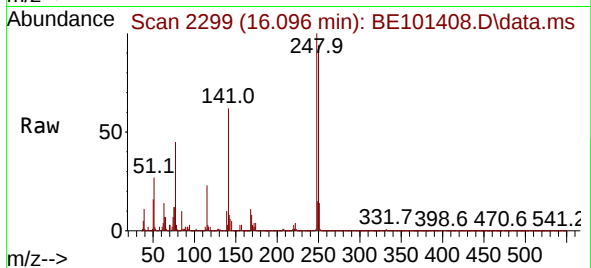
Tgt Ion:169 Resp: 117518
Ion Ratio Lower Upper
169 100
168 69.2 54.5 81.7
167 37.6 30.4 45.6





#67
4-Bromophenyl-phenylether
Concen: 4.142 ng
RT: 16.096 min Scan# 2299
Delta R.T. 0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

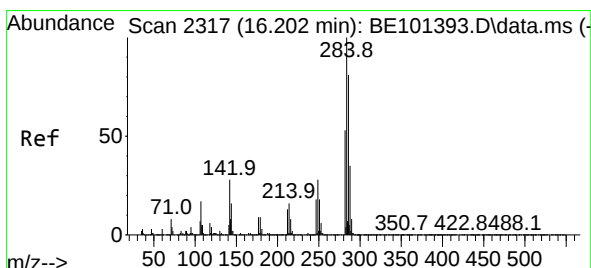
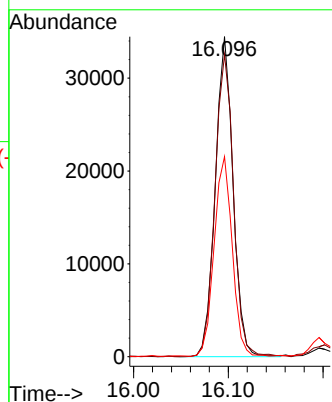
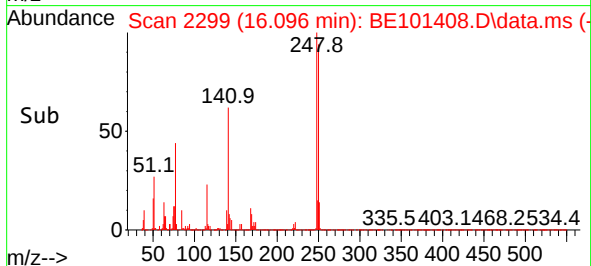
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



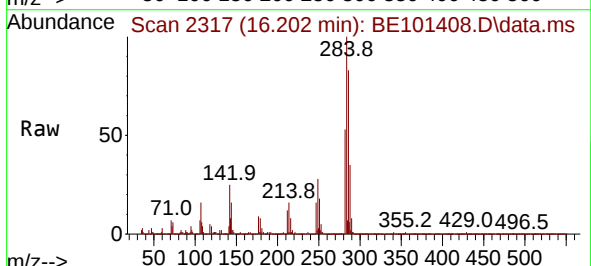
Tgt Ion:248 Resp: 44915
Ion Ratio Lower Upper
248 100
250 94.4 78.2 117.2
141 62.5 53.0 79.4

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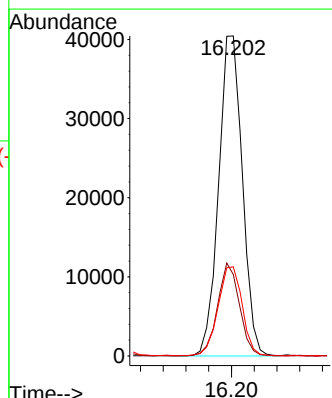
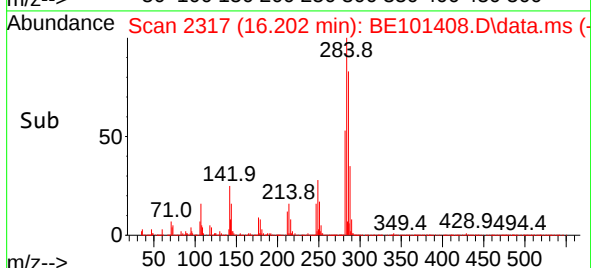
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024

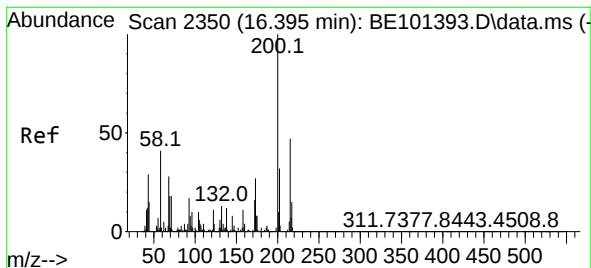


#68
Hexachlorobenzene
Concen: 4.124 ng
RT: 16.202 min Scan# 2317
Delta R.T. -0.000 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44



Tgt Ion:284 Resp: 58611
Ion Ratio Lower Upper
284 100
142 25.4 22.2 33.2
249 31.0 22.8 34.2





#69

Atrazine

Concen: 4.948 ng

RT: 16.390 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

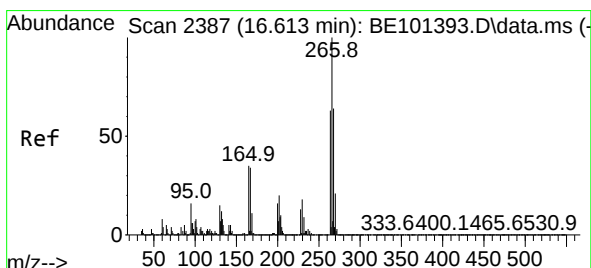
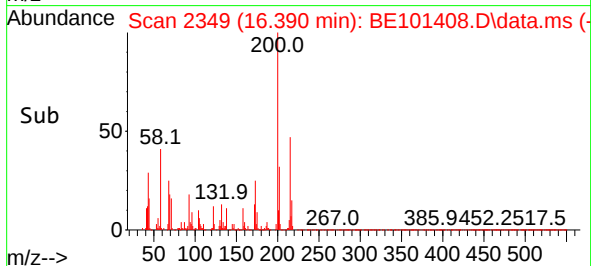
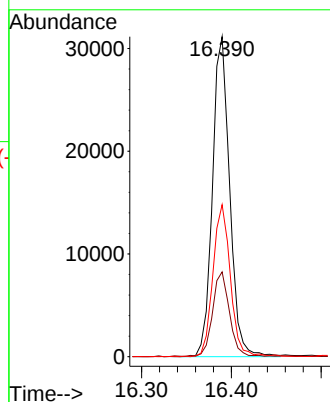
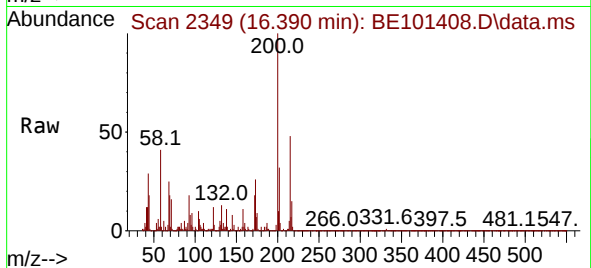
LOQ-WATER-02-QT4-2024

Tgt Ion:200 Resp: 41462
Ion Ratio Lower Upper
200 100
173 26.5 7.0 47.0
215 47.5 27.3 67.3

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 2.851 ng

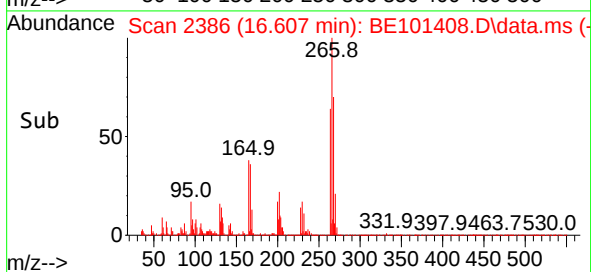
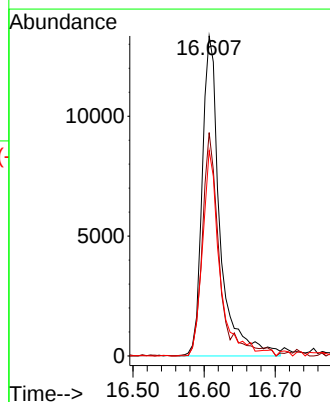
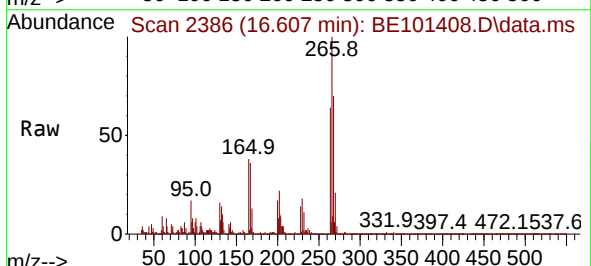
RT: 16.607 min Scan# 2386

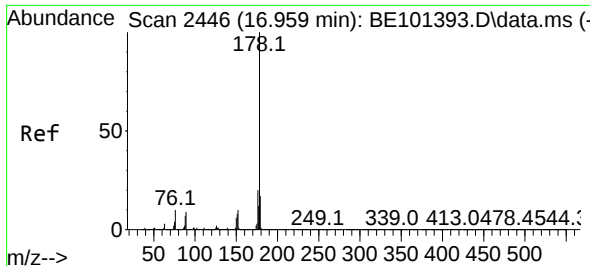
Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

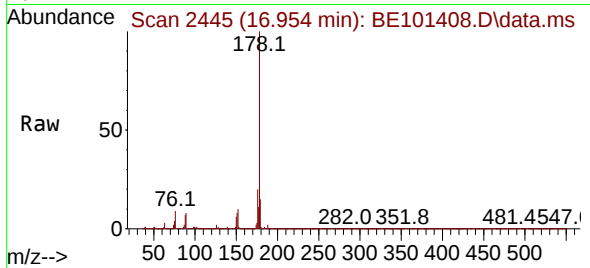
Tgt Ion:266 Resp: 23324
Ion Ratio Lower Upper
266 100
268 69.8 51.5 77.3
264 64.2 50.7 76.1





#71
Phenanthrene
Concen: 4.670 ng
RT: 16.954 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

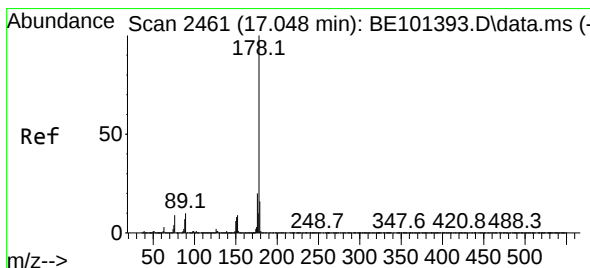
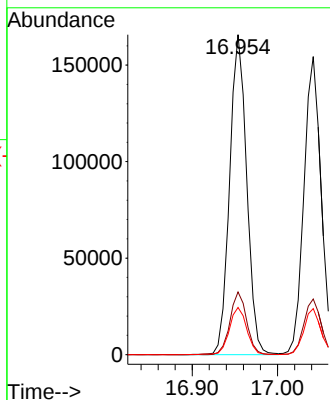
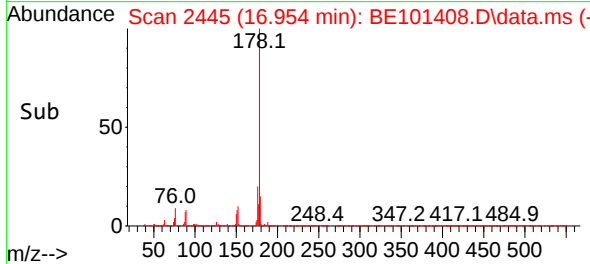
Instrument : BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:178 Resp: 23048
Ion Ratio Lower Upper
178 100
176 19.6 16.4 24.6
179 14.8 13.2 19.8

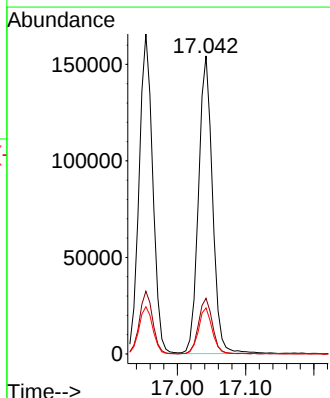
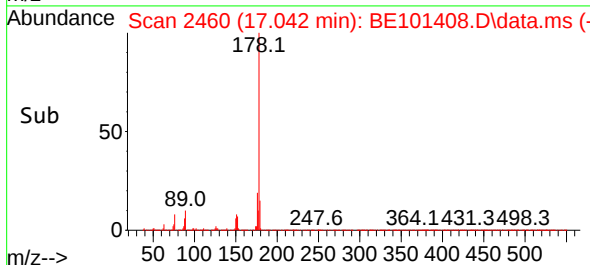
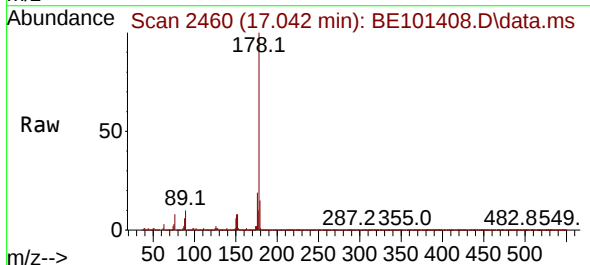
Manual Integrations
APPROVED

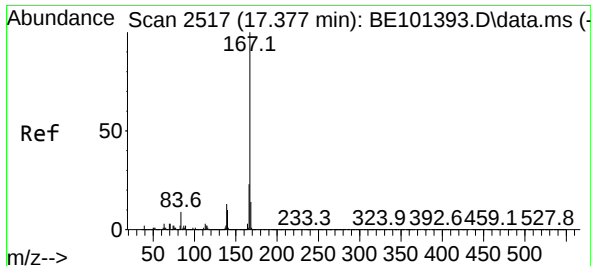
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#72
Anthracene
Concen: 4.559 ng
RT: 17.042 min Scan# 2460
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:178 Resp: 219698
Ion Ratio Lower Upper
178 100
176 18.7 15.9 23.9
179 15.5 13.1 19.7





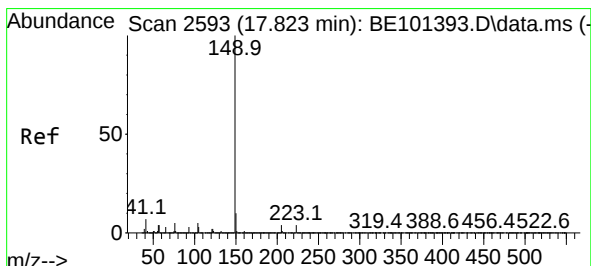
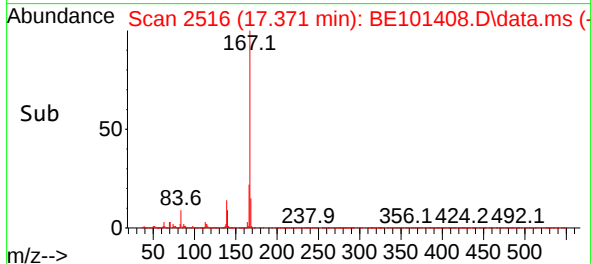
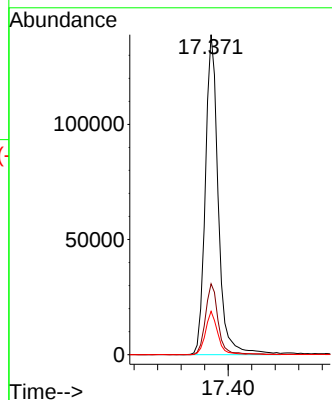
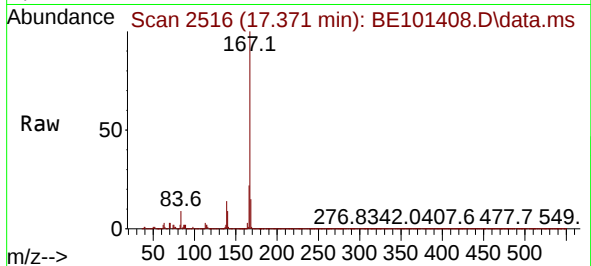
#73
 Carbazole
 Concen: 4.305 ng
 RT: 17.371 min Scan# 2516
 Delta R.T. -0.006 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

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

Tgt Ion:167 Resp: 212245
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.3 27.5
 139 13.6 10.8 16.2

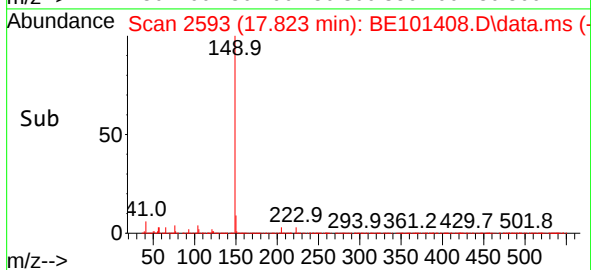
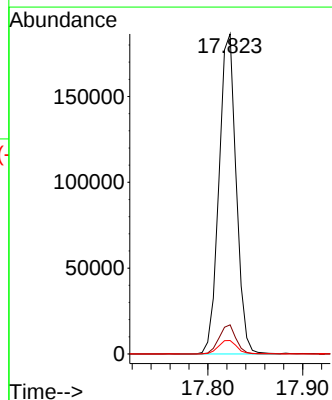
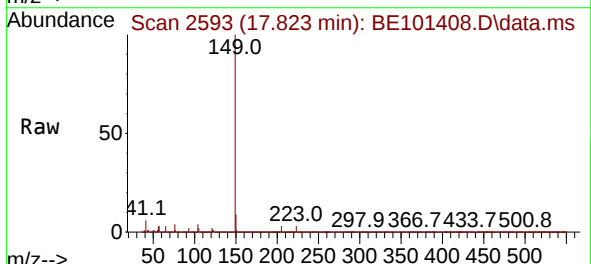
Manual Integrations
 APPROVED

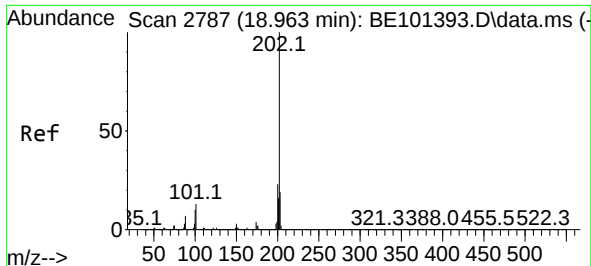
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#74
 Di-n-butylphthalate
 Concen: 4.332 ng
 RT: 17.823 min Scan# 2593
 Delta R.T. 0.000 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

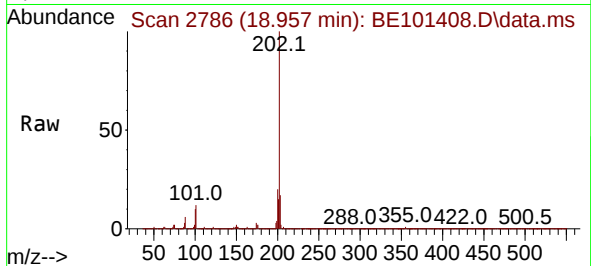
Tgt Ion:149 Resp: 235135
 Ion Ratio Lower Upper
 149 100
 150 9.1 8.2 12.4
 104 4.2 3.9 5.9





#75
Fluoranthene
Concen: 4.610 ng
RT: 18.957 min Scan# 21
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

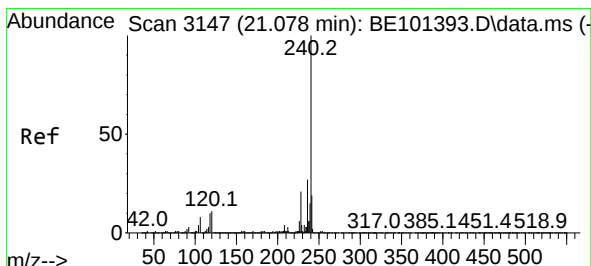
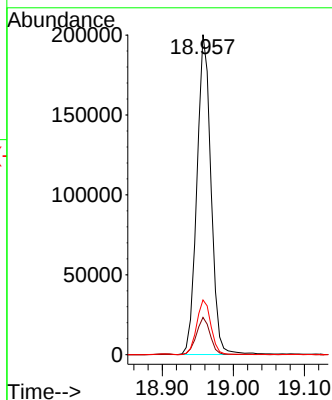
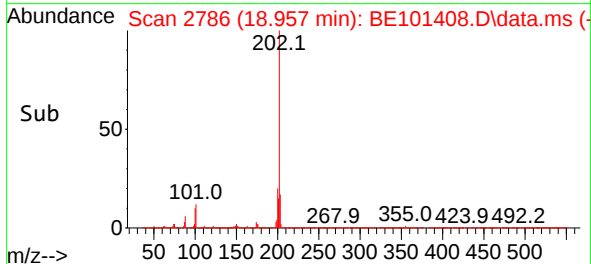
Instrument :
BNA_E
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:202 Resp: 27630
Ion Ratio Lower Upper
202 100
101 11.7 0.0 33.3
203 17.1 0.0 39.3

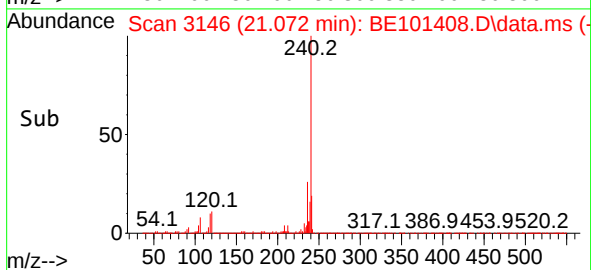
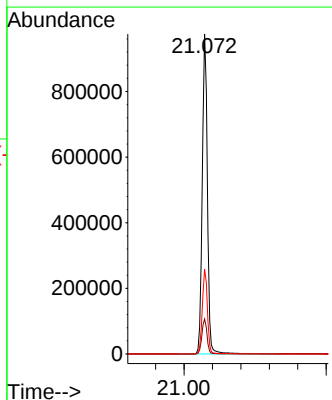
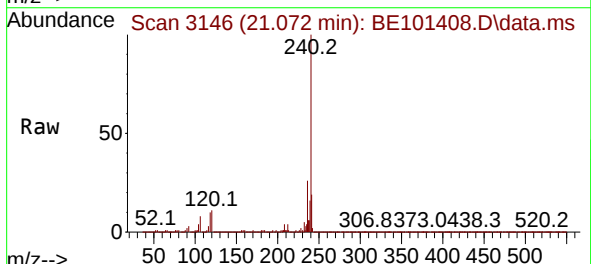
Manual Integrations
APPROVED

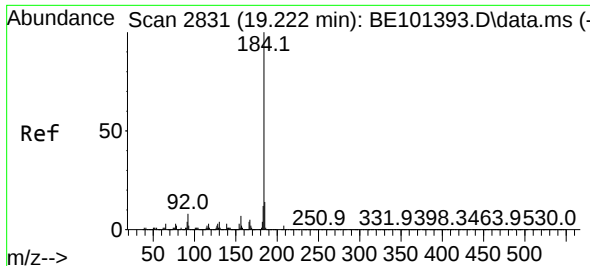
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:240 Resp: 1220074
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 26.5 21.4 32.0





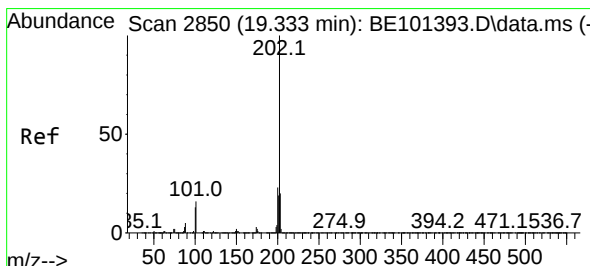
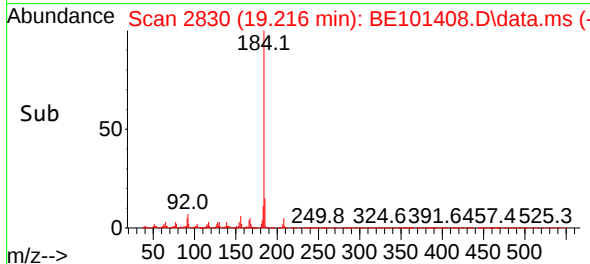
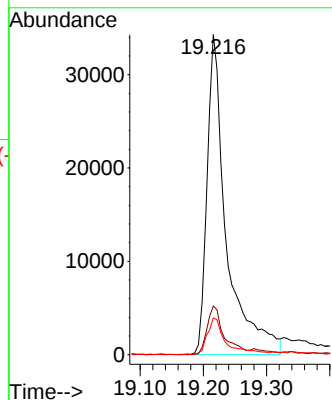
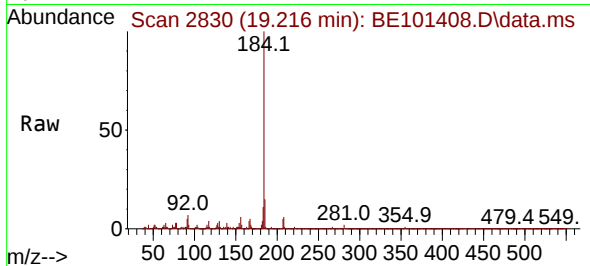
#77
Benzidine
Concen: 4.729 ng
RT: 19.216 min Scan# 2830
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:184 Resp: 7322
Ion Ratio Lower Upper
184 100
185 15.2 11.5 17.3
183 11.5 9.3 13.9

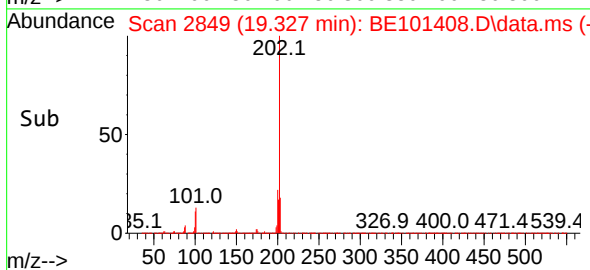
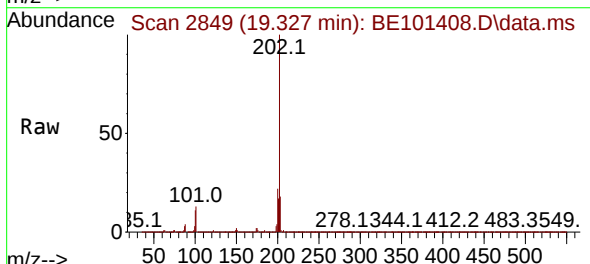
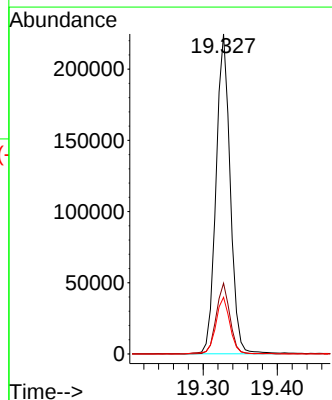
Manual Integrations
APPROVED

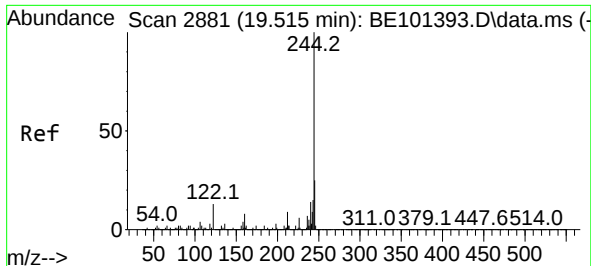
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#78
Pyrene
Concen: 4.430 ng
RT: 19.327 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

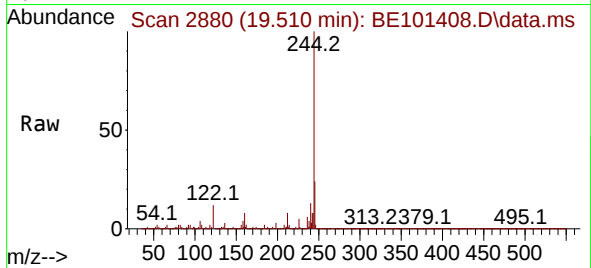
Tgt Ion:202 Resp: 297236
Ion Ratio Lower Upper
202 100
200 22.1 18.6 28.0
203 17.7 15.6 23.4





#79
 Terphenyl-d14
 Concen: 67.872 ng
 RT: 19.510 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

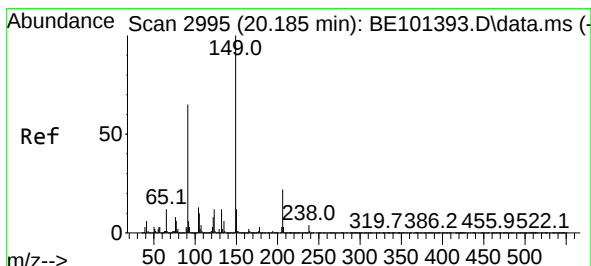
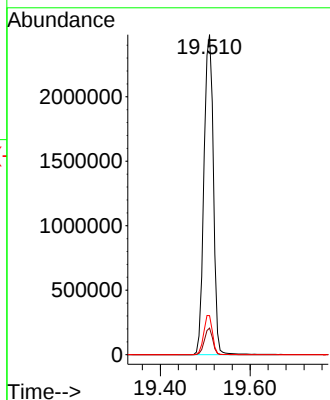
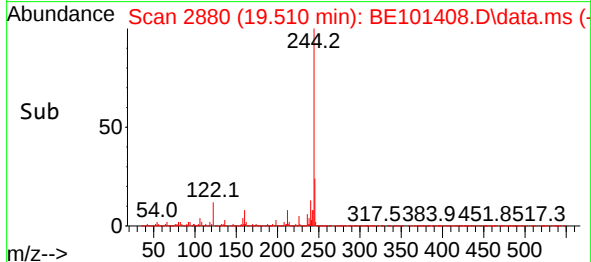
Instrument :
 BNA_E
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 3597958
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.2 10.8
 122 12.2 10.4 15.6

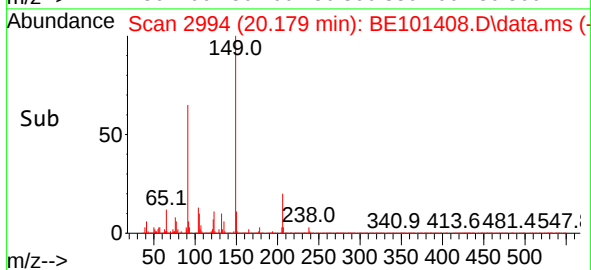
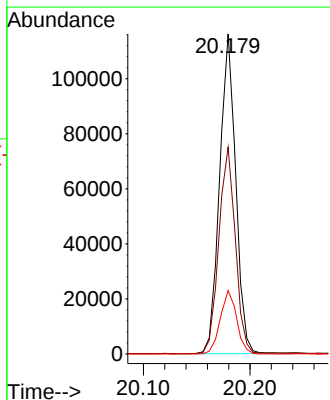
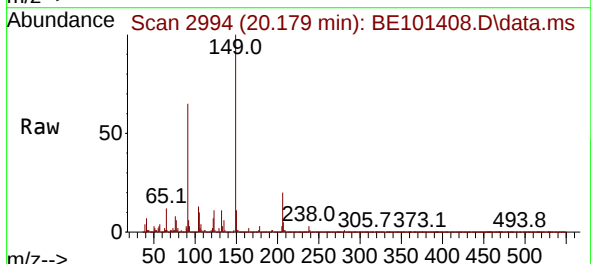
Manual Integrations
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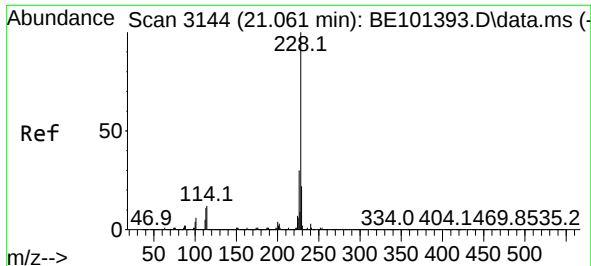
Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/04/2024



#80
 Butylbenzylphthalate
 Concen: 4.139 ng
 RT: 20.179 min Scan# 2994
 Delta R.T. -0.006 min
 Lab File: BE101408.D
 Acq: 29 Oct 2024 15:44

Tgt Ion:149 Resp: 121733
 Ion Ratio Lower Upper
 149 100
 91 64.6 51.8 77.8
 206 19.8 17.4 26.2





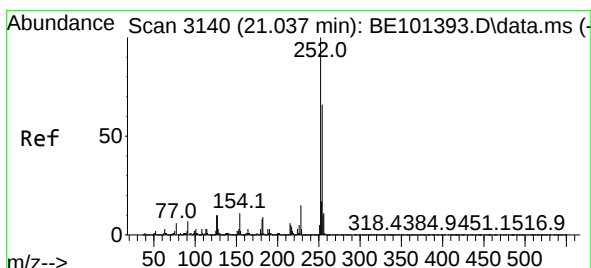
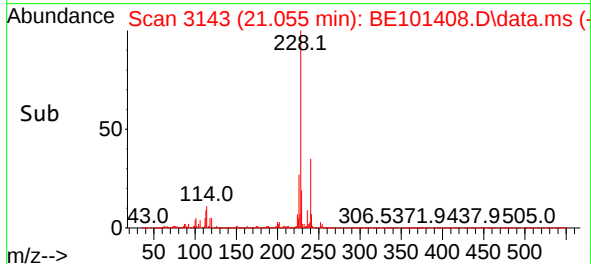
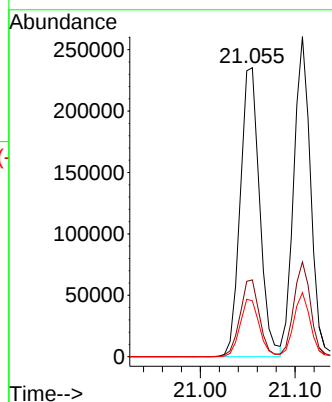
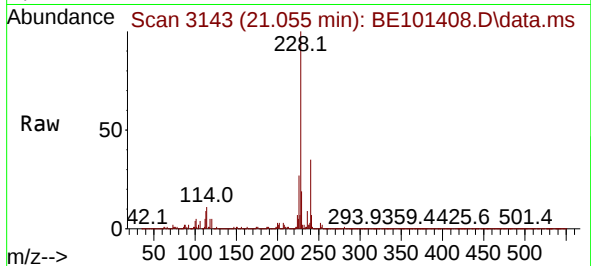
#81
Benzo(a)anthracene
Concen: 4.872 ng
RT: 21.055 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:228 Resp: 33412
Ion Ratio Lower Upper
228 100
226 26.5 24.1 36.1
229 19.3 17.3 25.9

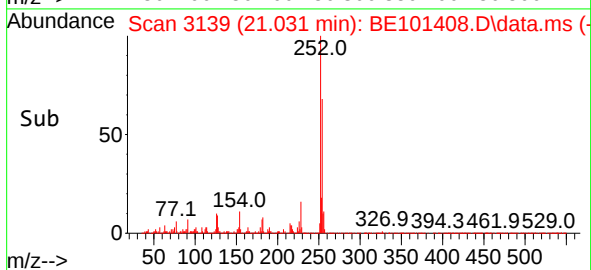
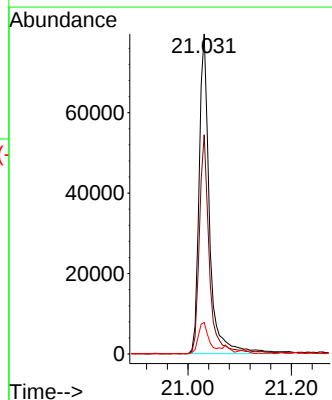
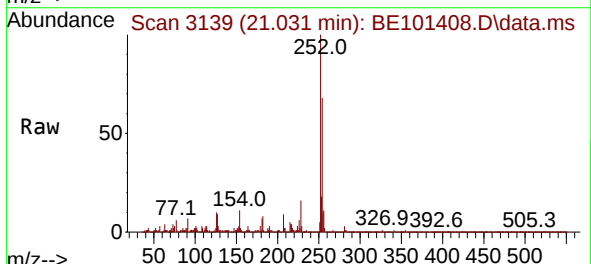
Manual Integrations
APPROVED

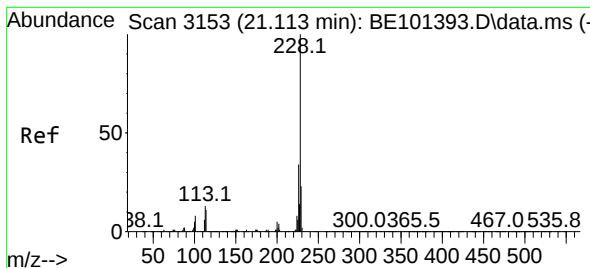
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#82
3,3'-Dichlorobenzidine
Concen: 4.139 ng
RT: 21.031 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:252 Resp: 111178
Ion Ratio Lower Upper
252 100
254 68.5 52.6 78.8
126 9.9 7.7 11.5





#83

Chrysene

Concen: 4.885 ng

RT: 21.108 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

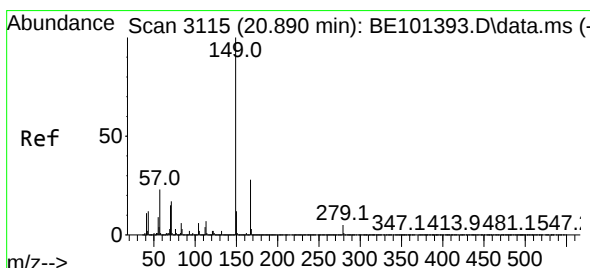
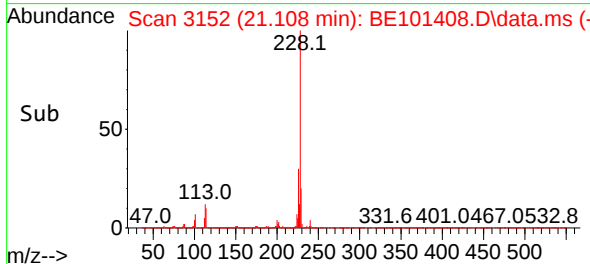
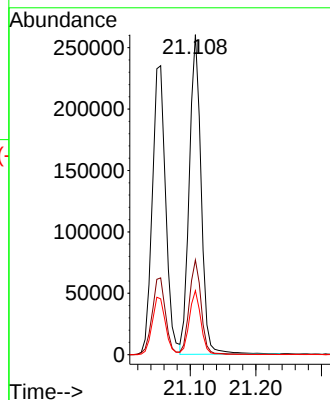
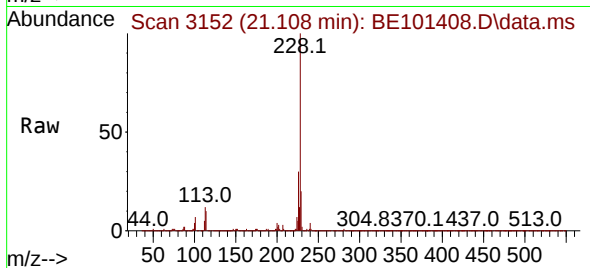
LOQ-WATER-02-QT4-2024

Tgt Ion:	228	Resp:	32392
Ion Ratio	Lower	Upper	
228	100		
226	29.6	27.2	40.8
229	20.0	18.0	27.0

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.009 ng

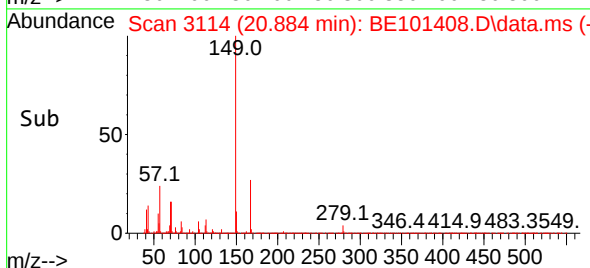
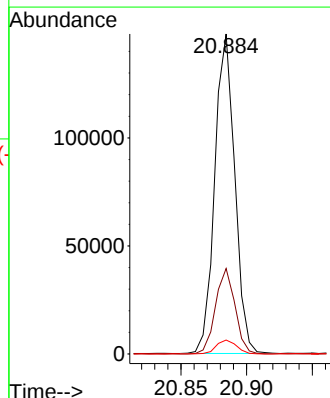
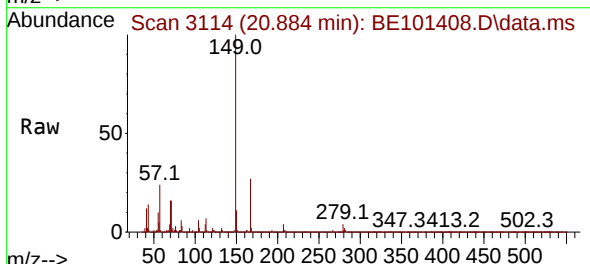
RT: 20.884 min Scan# 3114

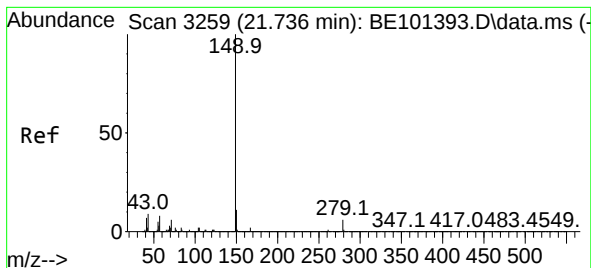
Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:	149	Resp:	156645
Ion Ratio	Lower	Upper	
149	100		
167	26.7	22.7	34.1
279	4.4	4.3	6.5





#85

Di-n-octyl phthalate

Concen: 4.314 ng

RT: 21.730 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

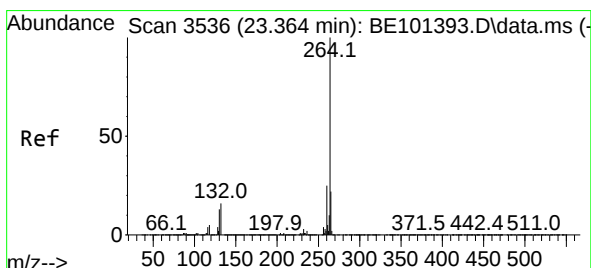
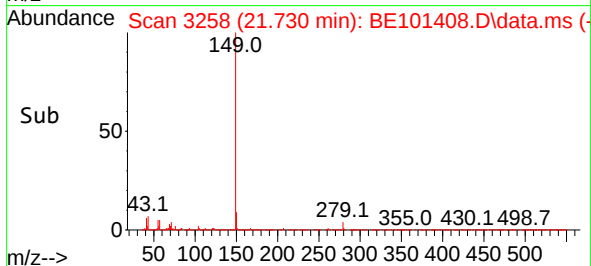
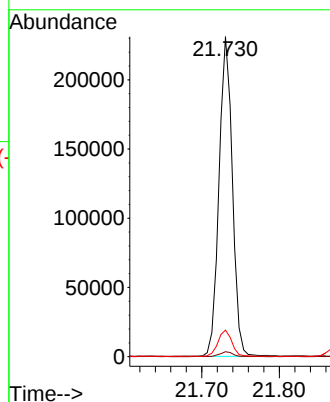
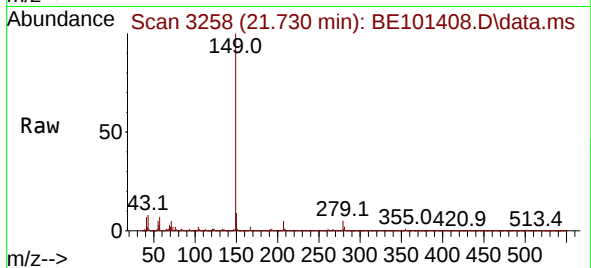
Tgt Ion:149 Resp: 276690

Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.4	2.0
43	8.5	7.0	10.4

Manual Integrations

APPROVED

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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.358 min Scan# 3535

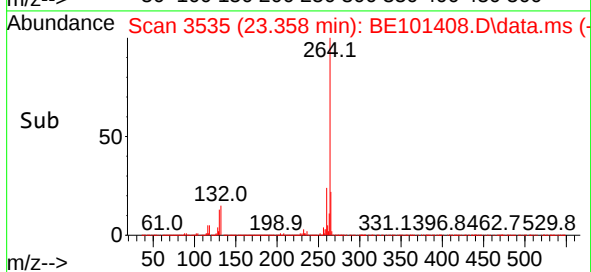
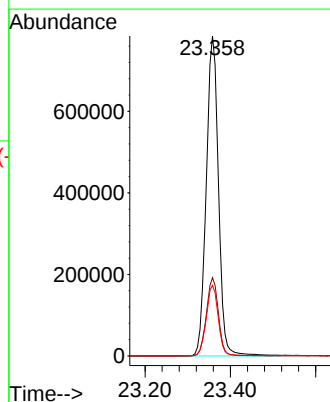
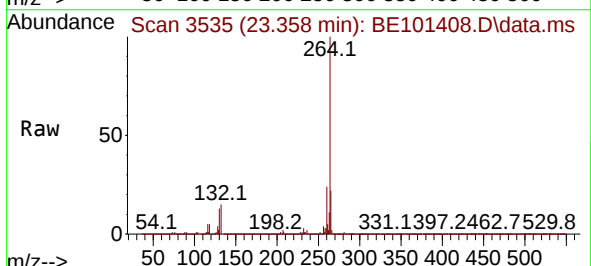
Delta R.T. -0.006 min

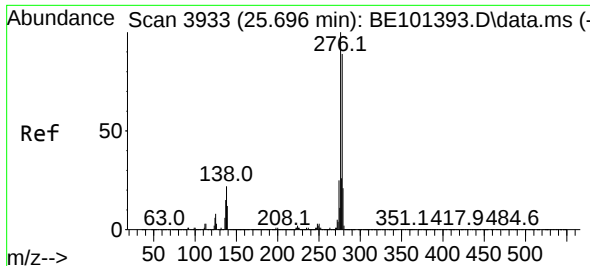
Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:264 Resp: 1558923

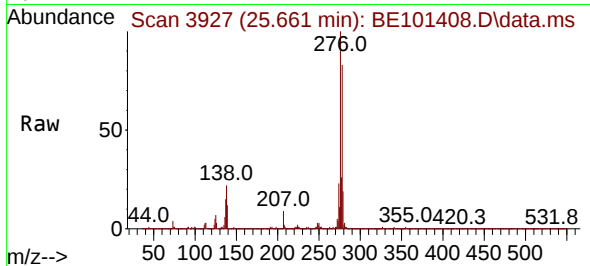
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.1	17.6	26.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 4.486 ng
RT: 25.661 min Scan# 3933
Delta R.T. -0.035 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

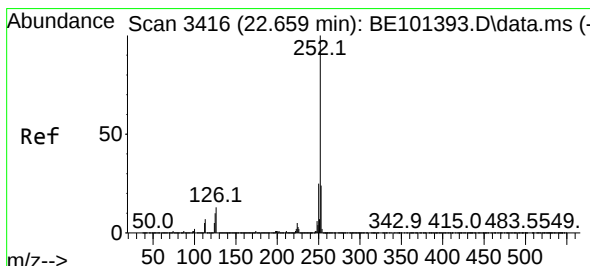
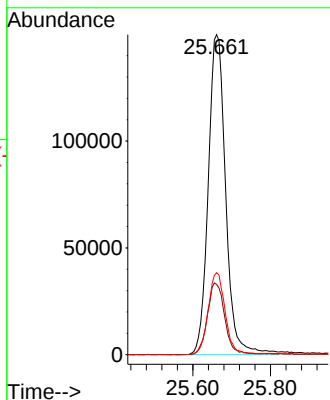
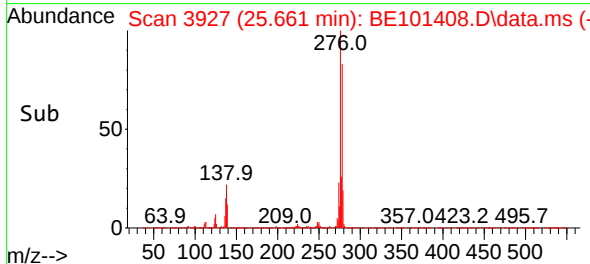
Instrument : BNA_E
ClientSampleId : LOQ-WATER-02-QT4-2024



Tgt Ion: 276 Resp: 468040
Ion Ratio Lower Upper
276 100
138 22.2 17.8 26.8
277 25.2 20.5 30.7

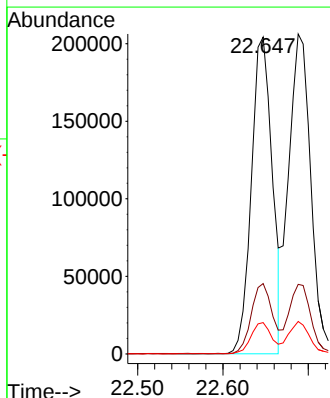
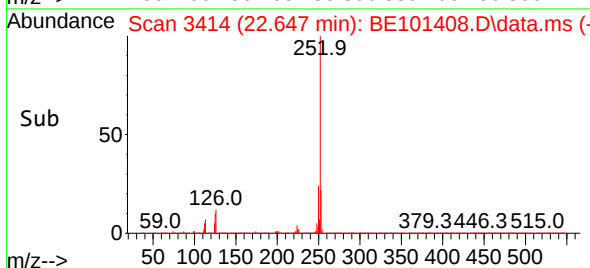
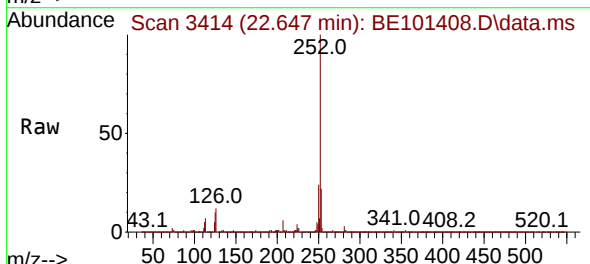
Manual Integrations
APPROVED

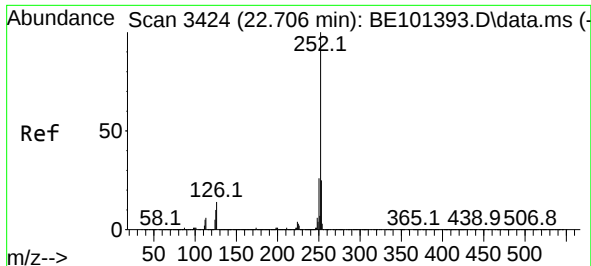
Reviewed By : Jagrut Upadhyay 10/30/2024
Supervised By : mohammad ahmed 11/04/2024



#88
Benzo(b)fluoranthene
Concen: 4.274 ng
RT: 22.647 min Scan# 3414
Delta R.T. -0.012 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion: 252 Resp: 347191
Ion Ratio Lower Upper
252 100
253 22.2 19.0 28.6
125 9.9 8.2 12.2





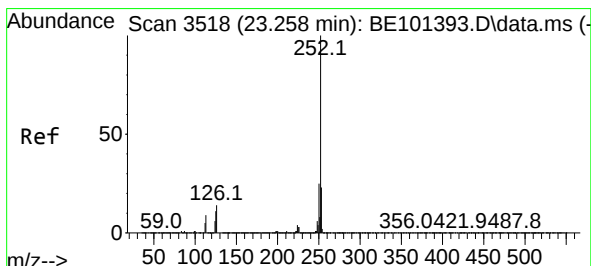
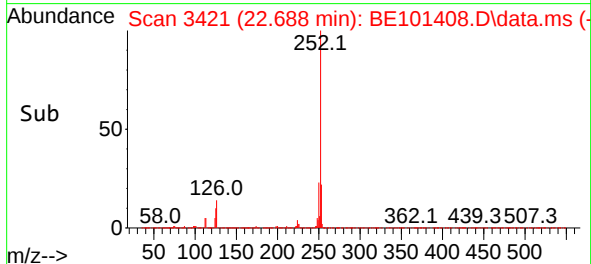
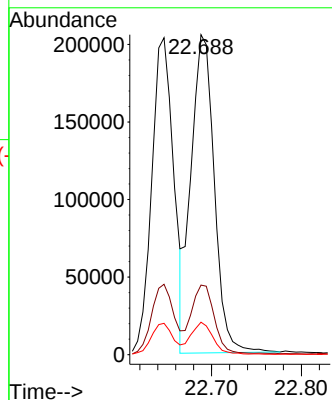
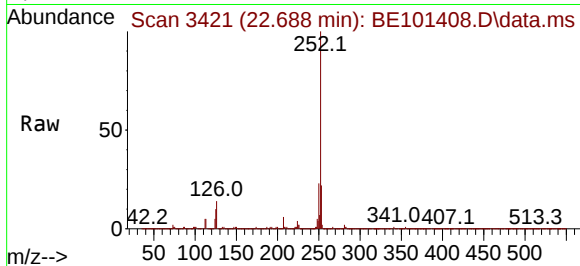
#89
Benzo(k)fluoranthene
Concen: 4.865 ng
RT: 22.688 min Scan# 3424
Delta R.T. -0.017 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

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

Tgt Ion:252 Resp: 36923
Ion Ratio Lower Upper
252 100
253 21.8 19.4 29.2
125 10.2 8.2 12.2

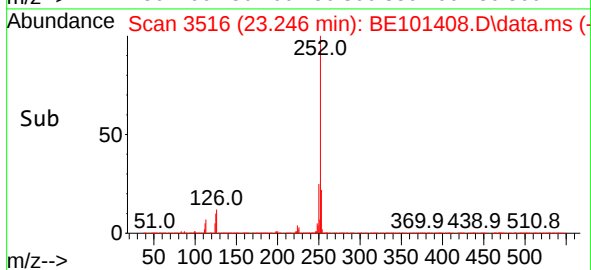
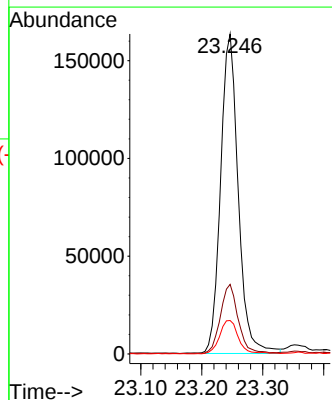
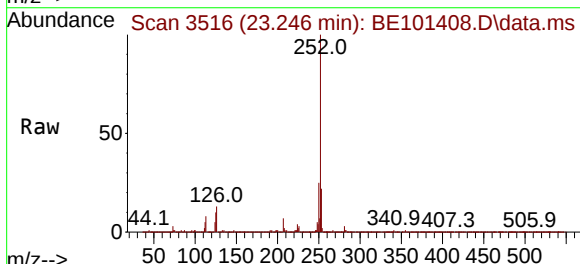
Manual Integrations
APPROVED

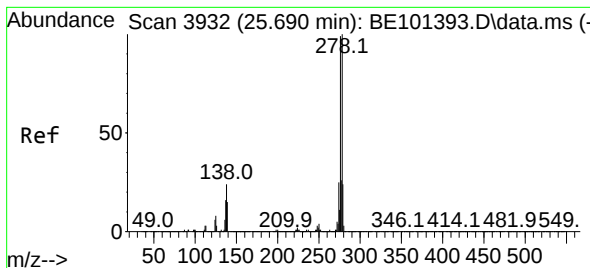
Reviewed By :Jagrut Upadhyay 10/30/2024
Supervised By :mohammad ahmed 11/04/2024



#90
Benzo(a)pyrene
Concen: 4.624 ng
RT: 23.246 min Scan# 3516
Delta R.T. -0.012 min
Lab File: BE101408.D
Acq: 29 Oct 2024 15:44

Tgt Ion:252 Resp: 328518
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 10.4 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 4.415 ng

RT: 25.655 min Scan# 3932

Delta R.T. -0.035 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Instrument :

BNA_E

ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:278 Resp: 380614

Ion Ratio Lower Upper

278 100

139 14.7 11.9 17.9

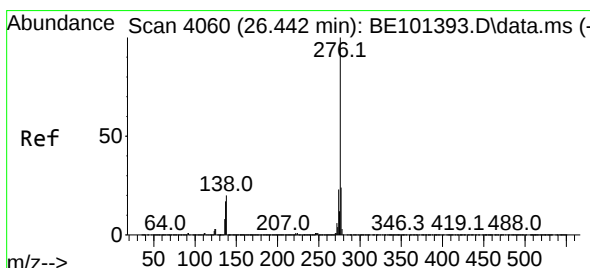
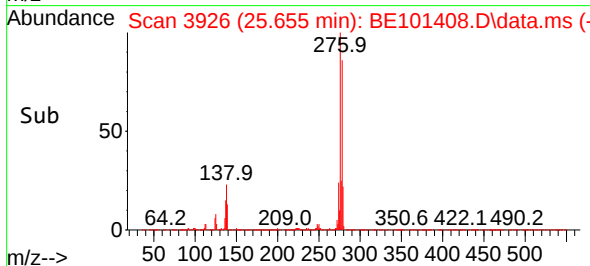
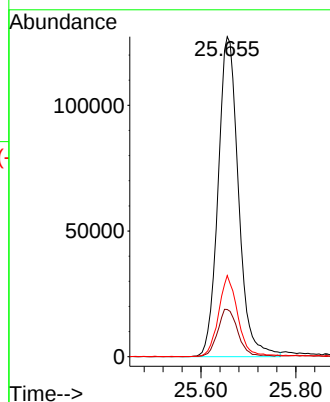
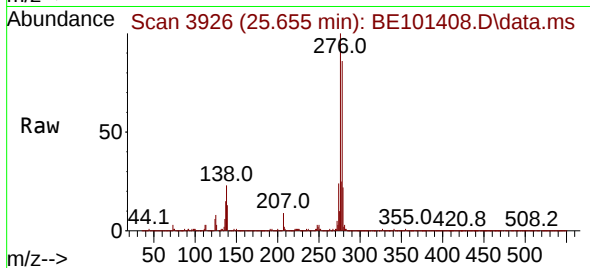
279 25.4 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024

Supervised By :mohammad ahmed 11/04/2024



#92

Benzo(g,h,i)perylene

Concen: 4.089 ng

RT: 26.407 min Scan# 4054

Delta R.T. -0.035 min

Lab File: BE101408.D

Acq: 29 Oct 2024 15:44

Tgt Ion:276 Resp: 363214

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.2

138 19.3 15.8 23.6

