

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048213.D
 Acq On : 24 Oct 2024 12:29
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-05 ng
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Oct 24 13:12:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	220248	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	865496	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	551100	20.000	ng	0.00
64) Phenanthrene-d10	17.110	188	1116185	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1020603	20.000	ng	0.00
86) Perylene-d12	24.286	264	1083068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1402382	107.030	ng	0.00
7) Phenol-d6	6.904	99	1882646	110.329	ng	0.00
23) Nitrobenzene-d5	8.881	82	1271885	82.975	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	764705	113.365	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	2929078	81.558	ng	0.00
79) Terphenyl-d14	19.733	244	3910563	78.193	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	31034	5.786	ng	99
3) Pyridine	3.616	79	69121	4.851	ng	96
4) n-Nitrosodimethylamine	3.516	42	35047	5.794	ng	# 98
6) Aniline	7.051	93	101070	7.136	ng	98
8) 2-Chlorophenol	7.287	128	82697	5.809	ng	98
9) Benzaldehyde	6.863	77	66119m	7.887	ng	
10) Phenol	6.928	94	98806	5.755	ng	95
11) bis(2-Chloroethyl)ether	7.146	93	81916	5.990	ng	98
12) 1,3-Dichlorobenzene	7.610	146	92917	5.662	ng	99
13) 1,4-Dichlorobenzene	7.757	146	95876	5.750	ng	98
14) 1,2-Dichlorobenzene	8.069	146	92485	5.740	ng	99
15) Benzyl Alcohol	7.969	79	59588	5.474	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	122295	6.114	ng	98
17) 2-Methylphenol	8.175	107	59882	5.249	ng	99
18) Hexachloroethane	8.793	117	34076	5.576	ng	96
19) n-Nitroso-di-n-propyla...	8.528	70	60637	5.617	ng	98
20) 3+4-Methylphenols	8.504	107	80885	5.118	ng	95
22) Acetophenone	8.545	105	126797	6.003	ng	# 98
24) Nitrobenzene	8.922	77	92060	5.796	ng	99
25) Isophorone	9.451	82	158351	5.636	ng	97
26) 2-Nitrophenol	9.634	139	37706	5.142	ng	94
27) 2,4-Dimethylphenol	9.704	122	32588m	3.663	ng	
28) bis(2-Chloroethoxy)met...	9.928	93	98892	5.562	ng	99
29) 2,4-Dichlorophenol	10.181	162	67297	5.258	ng	96
30) 1,2,4-Trichlorobenzene	10.375	180	83563	5.701	ng	99
31) Naphthalene	10.563	128	258128	5.718	ng	100
32) Benzoic acid	9.792	122	39421m	3.981	ng	
33) 4-Chloroaniline	10.687	127	86110	5.882	ng	98
34) Hexachlorobutadiene	10.845	225	49125	5.407	ng	91
35) Caprolactam	11.457	113	20487	4.928	ng	99
36) 4-Chloro-3-methylphenol	11.816	107	71234	5.332	ng	97
37) 2-Methylnaphthalene	12.181	142	169206	5.610	ng	99
38) 1-Methylnaphthalene	12.398	142	160309	5.360	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	92142	5.850	ng	99
41) Hexachlorocyclopentadiene	12.528	237	10208	1.915	ng	97
43) 2,4,6-Trichlorophenol	12.798	196	55644	5.323	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	60840	5.219	ng	99
46) 1,1'-Biphenyl	13.198	154	240883	6.122	ng	99
47) 2-Chloronaphthalene	13.239	162	180105	5.805	ng	95
48) 2-Nitroaniline	13.451	65	43148	5.128	ng	98
49) Acenaphthylene	14.086	152	278610	6.155	ng	99
50) Dimethylphthalate	13.827	163	219550	5.836	ng	98
51) 2,6-Dinitrotoluene	13.945	165	42896	5.110	ng	99
52) Acenaphthene	14.427	154	163542	5.687	ng	99
53) 3-Nitroaniline	14.280	138	39023	4.929	ng	# 99
54) 2,4-Dinitrophenol	14.492	184	18590	3.790	ng	# 88
55) Dibenzofuran	14.763	168	271680	5.946	ng	99
56) 4-Nitrophenol	14.610	139	28321	4.008	ng	93
57) 2,4-Dinitrotoluene	14.739	165	53201	4.799	ng	96
58) Fluorene	15.416	166	214144	5.927	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	53939	5.583	ng	99
60) Diethylphthalate	15.186	149	213954	5.617	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	105806	5.857	ng	98
62) 4-Nitroaniline	15.445	138	34156	4.169	ng	94
63) Azobenzene	15.704	77	191554	5.611	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	28204	4.355	ng	98
66) n-Nitrosodiphenylamine	15.627	169	176957	5.775	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	63059	5.572	ng	99
68) Hexachlorobenzene	16.421	284	78151	5.750	ng	98
69) Atrazine	16.574	200	59358	6.923	ng	99
70) Pentachlorophenol	16.768	266	41755	4.679	ng	97
71) Phenanthrene	17.151	178	332023	6.007	ng	99
72) Anthracene	17.245	178	289959	5.419	ng	99
73) Carbazole	17.515	167	289051	5.511	ng	99
74) Di-n-butylphthalate	18.074	149	356182	5.456	ng	100
75) Fluoranthene	19.168	202	364278	5.525	ng	99
77) Benzidine	19.357	184	44662	3.792	ng	99
78) Pyrene	19.527	202	385964	5.650	ng	100
80) Butylbenzylphthalate	20.427	149	148089	5.184	ng	96
81) Benzo(a)anthracene	21.315	228	374701	5.745	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	112743	5.047	ng	98
83) Chrysene	21.374	228	370356	5.916	ng	99
84) Bis(2-ethylhexyl)phtha...	21.239	149	219943	5.297	ng	99
85) Di-n-octyl phthalate	22.350	149	345722	4.808	ng	99
87) Indeno(1,2,3-cd)pyrene	27.609	276	422637	5.901	ng	99
88) Benzo(b)fluoranthene	23.350	252	364973	5.877	ng	99
89) Benzo(k)fluoranthene	23.415	252	366404	6.103	ng	98
90) Benzo(a)pyrene	24.144	252	321929	5.963	ng	99
91) Dibenzo(a,h)anthracene	27.656	278	347842	5.832	ng	99
92) Benzo(g,h,i)perylene	28.644	276	334699	5.480	ng	98

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

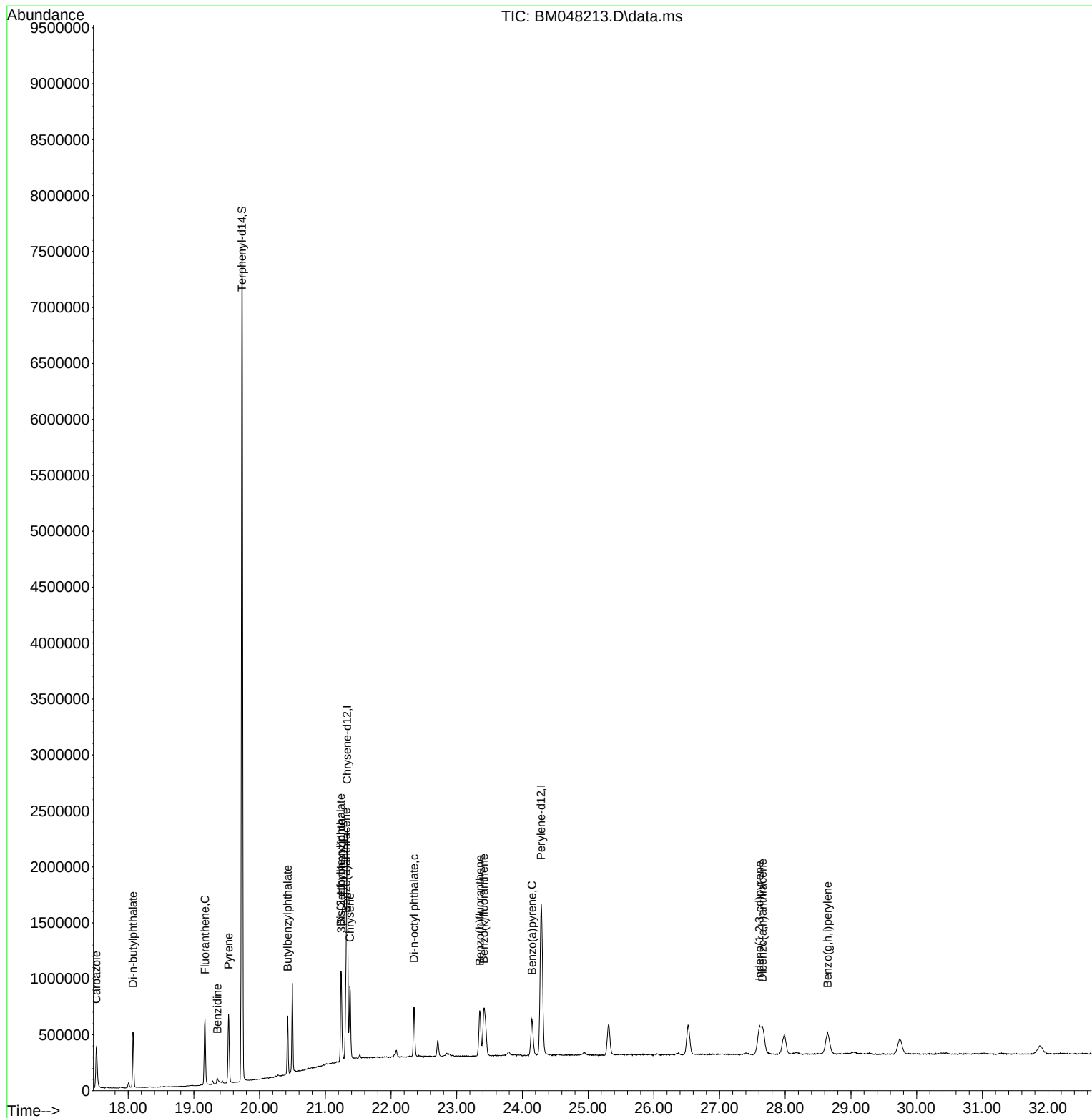
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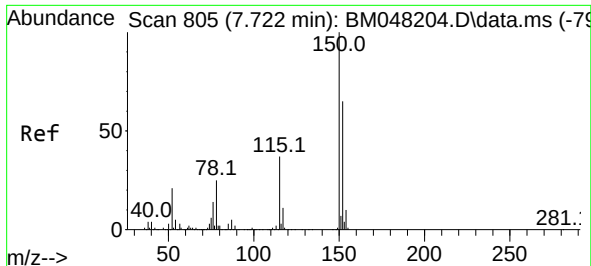
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BNA_M
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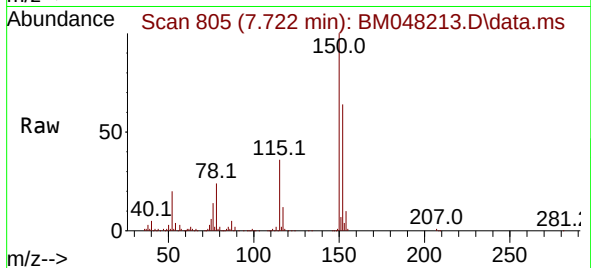
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

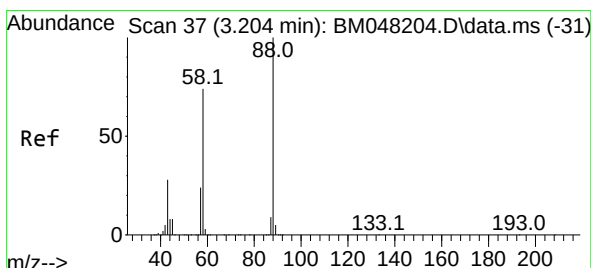
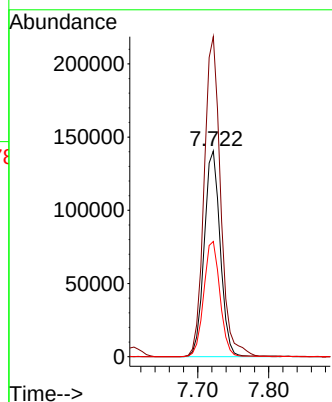
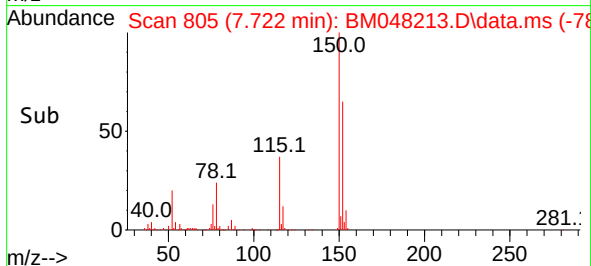
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 220248
Ion Ratio Lower Upper
152 100
150 155.6 123.0 184.6
115 56.0 45.8 68.6

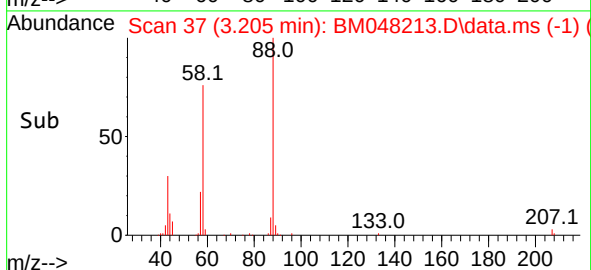
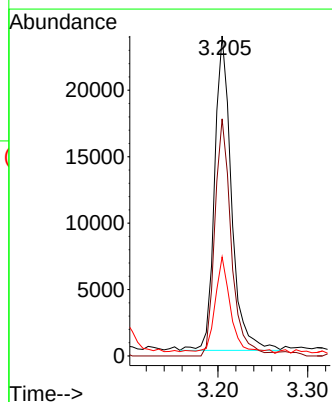
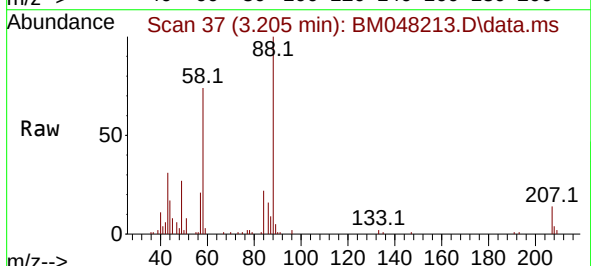
Manual Integrations
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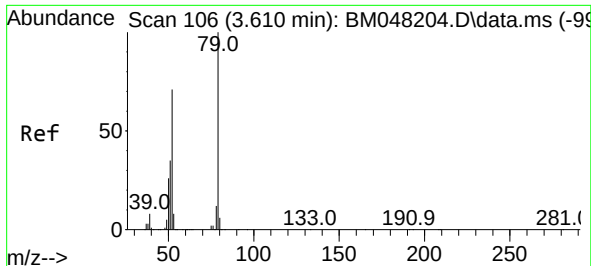
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#2
1,4-Dioxane
Concen: 5.786 ng
RT: 3.205 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

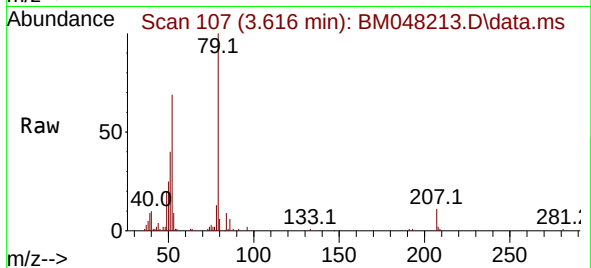
Tgt Ion: 88 Resp: 31034
Ion Ratio Lower Upper
88 100
58 73.0 59.7 89.5
43 28.4 22.6 33.8





#3
Pyridine
Concen: 4.851 ng
RT: 3.616 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

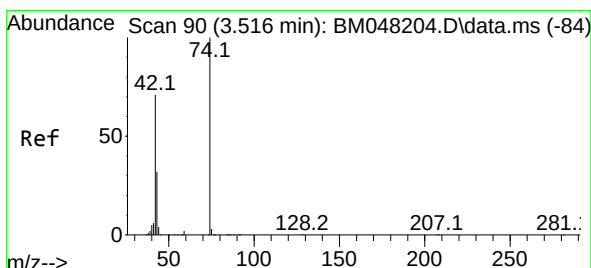
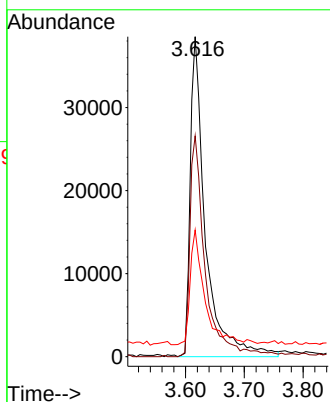
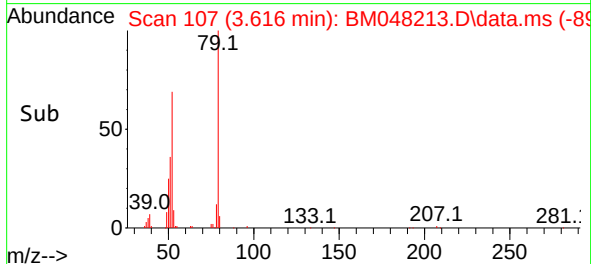
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 79 Resp: 6912
Ion Ratio Lower Upper
79 100
52 69.0 56.5 84.7
51 39.6 28.5 42.7

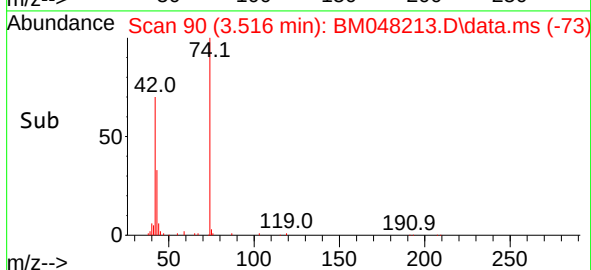
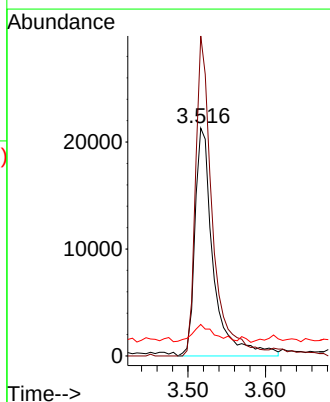
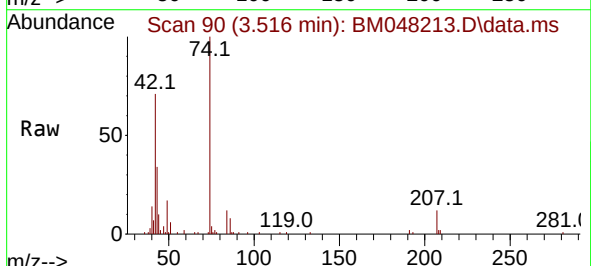
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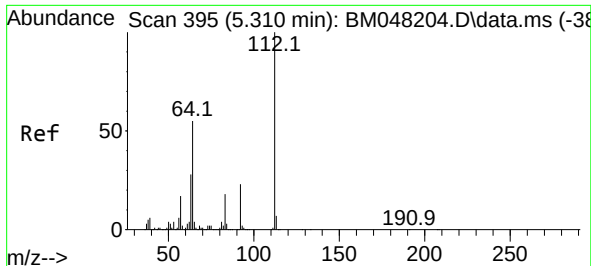
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#4
n-Nitrosodimethylamine
Concen: 5.794 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

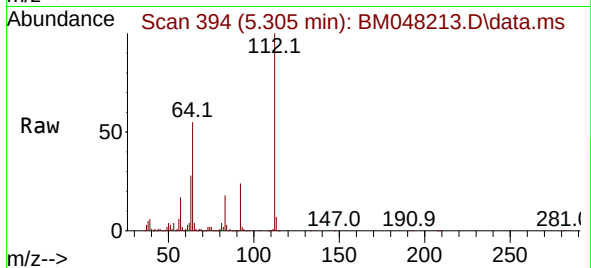
Tgt Ion: 42 Resp: 35047
Ion Ratio Lower Upper
42 100
74 140.4 111.8 167.6
44 13.8 6.0 9.0





#5
2-Fluorophenol
Concen: 107.030 ng
RT: 5.305 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

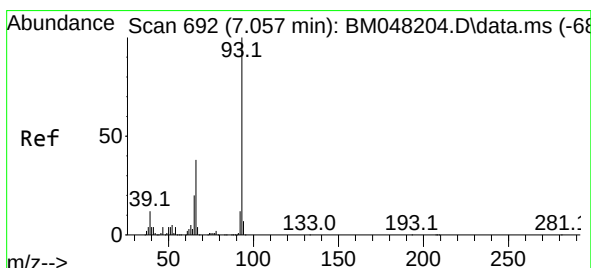
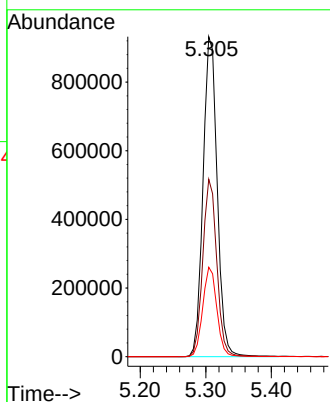
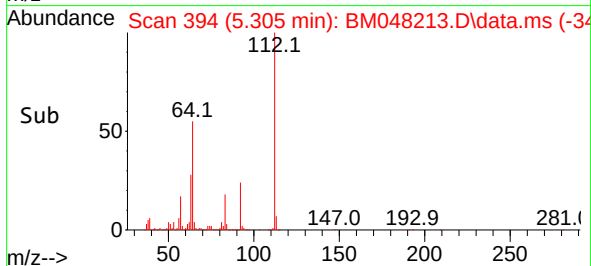
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:112 Resp: 140238
Ion Ratio Lower Upper
112 100
64 55.4 44.2 66.2
63 27.9 22.7 34.1

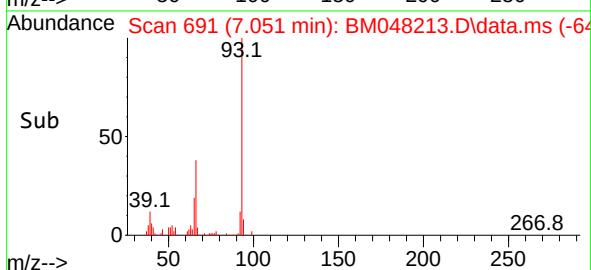
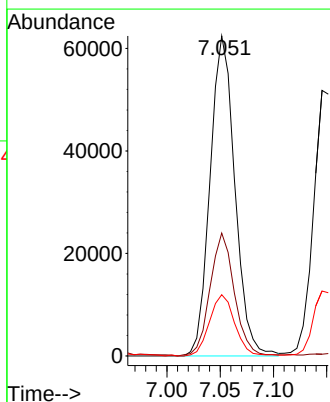
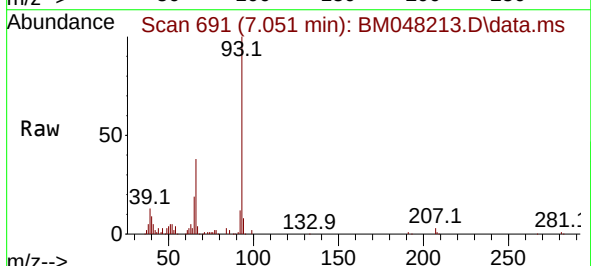
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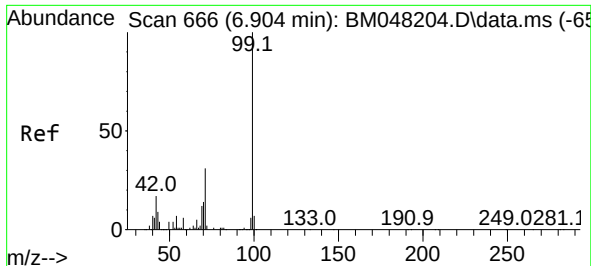
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#6
Aniline
Concen: 7.136 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

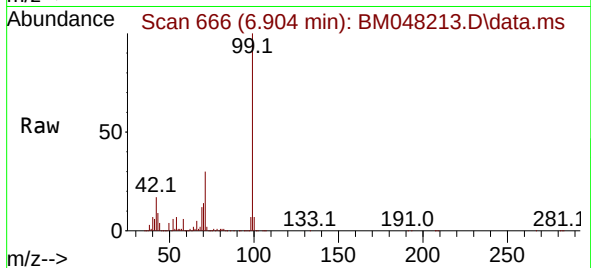
Tgt Ion: 93 Resp: 101070
Ion Ratio Lower Upper
93 100
66 38.4 30.2 45.2
65 19.2 16.2 24.2





#7
Phenol-d6
Concen: 110.329 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

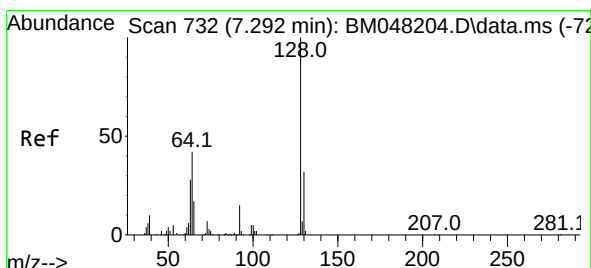
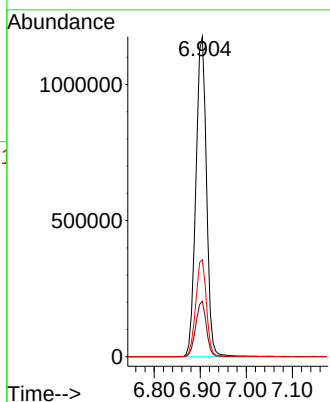
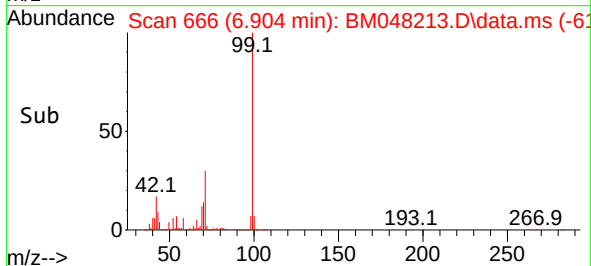
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Tgt Ion: 99 Resp: 1882640
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.8
71 30.3 24.9 37.3

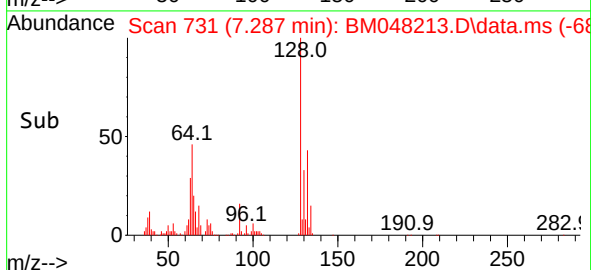
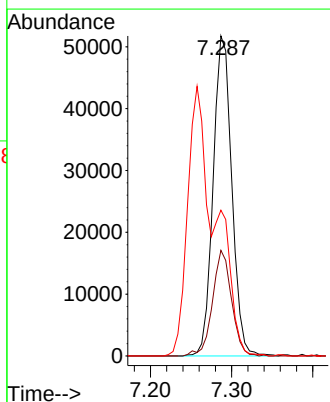
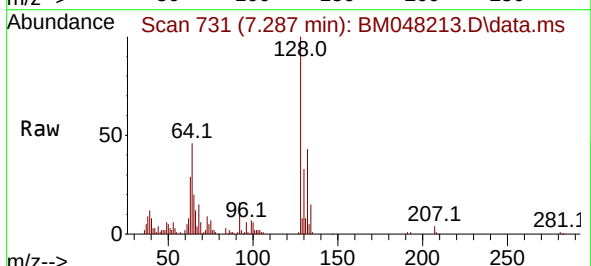
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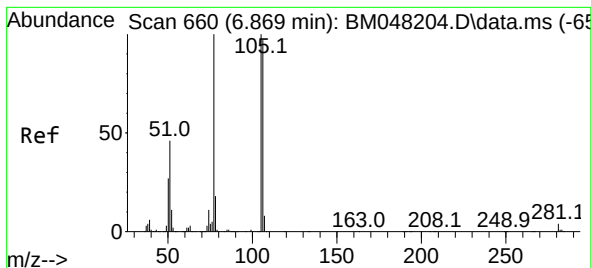
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#8
2-Chlorophenol
Concen: 5.809 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:128 Resp: 82697
Ion Ratio Lower Upper
128 100
130 33.0 12.1 52.1
64 45.5 23.8 63.8





#9

Benzaldehyde

Concen: 7.887 ng m

RT: 6.863 min Scan# 6

Delta R.T. -0.006 min

Lab File: BM048213.D

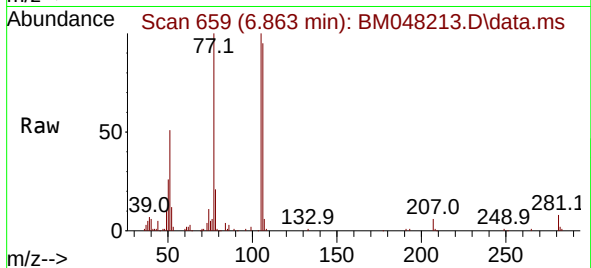
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Instrument :

BNA_M

ClientSampleId :

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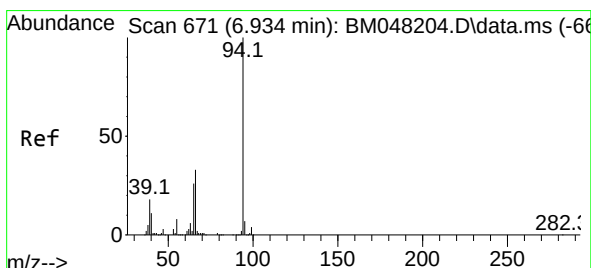
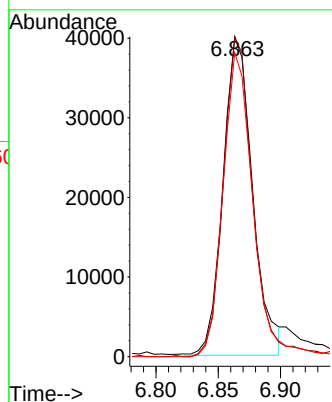
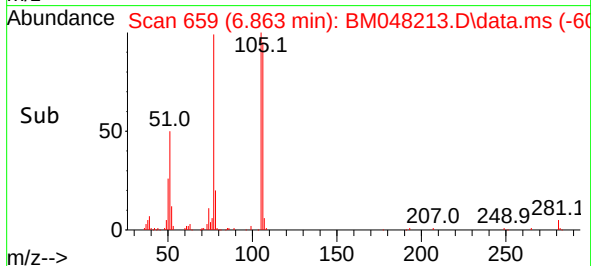


Tgt Ion: 77	Resp: 66119
Ion Ratio	Lower Upper
77	100
105	99.8 79.6 119.6
106	95.0 77.0 117.0

Manual Integrations
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Supervised By :mohammad ahmed 10/26/2024



#10

Phenol

Concen: 5.755 ng

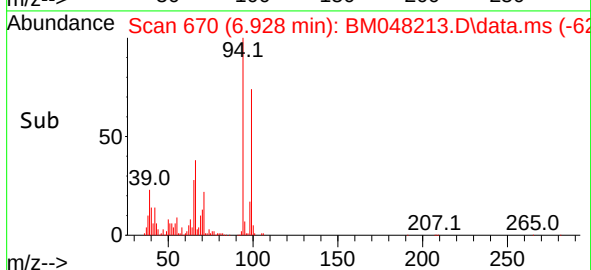
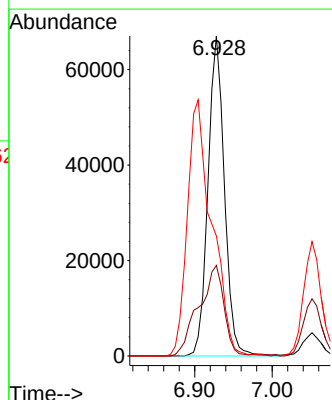
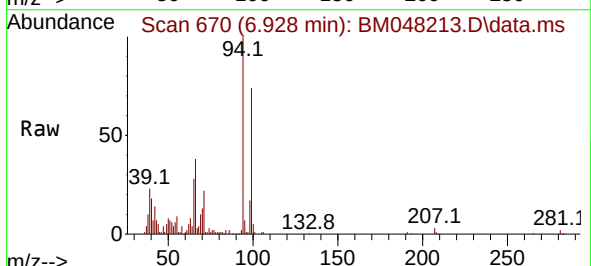
RT: 6.928 min Scan# 670

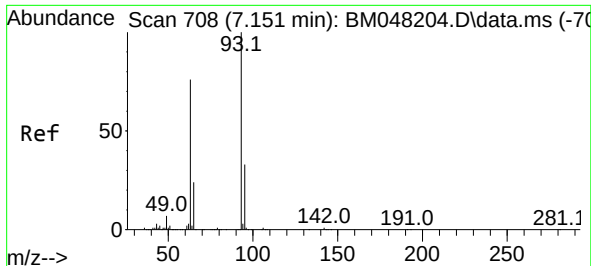
Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

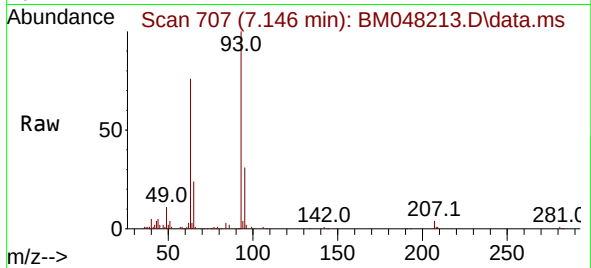
Tgt Ion: 94	Resp: 98806
Ion Ratio	Lower Upper
94	100
65	28.3 6.5 46.5
66	37.6 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 5.990 ng
RT: 7.146 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

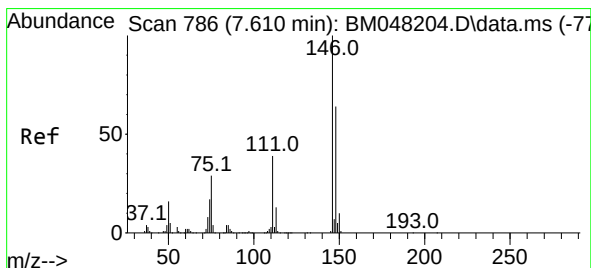
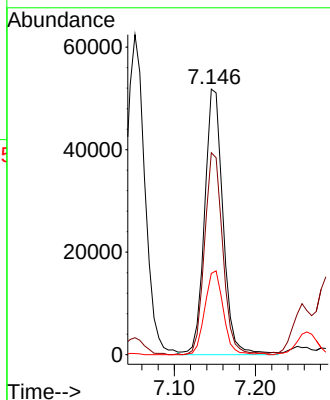
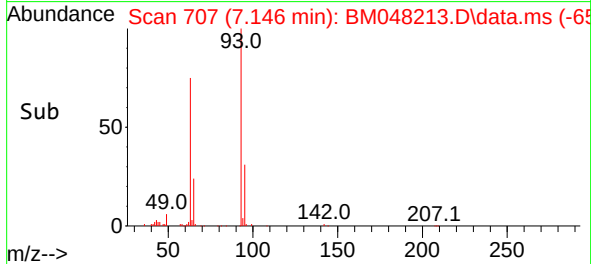
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 81910
Ion Ratio Lower Upper
93 100
63 76.0 55.3 95.3
95 30.6 12.4 52.4

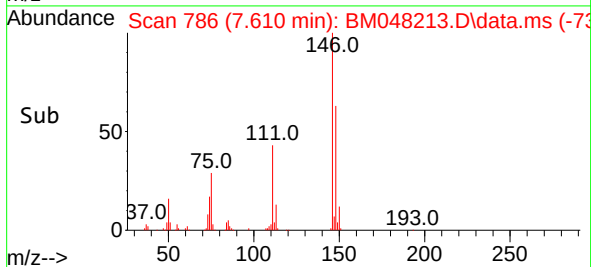
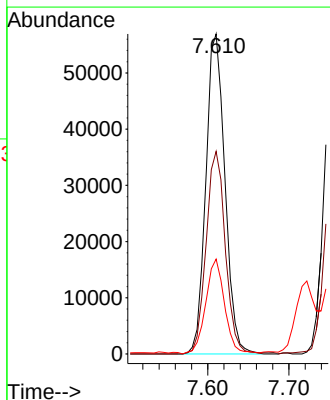
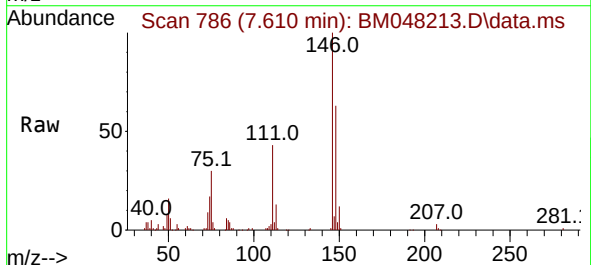
Manual Integrations
APPROVED

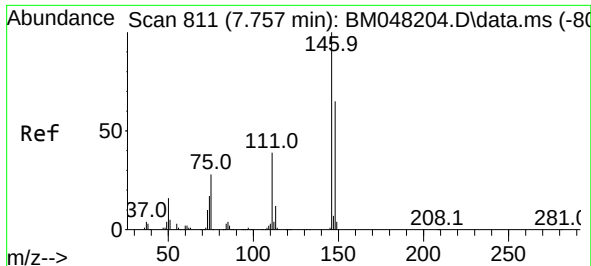
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 5.662 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:146 Resp: 92917
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
75 29.6 22.9 34.3





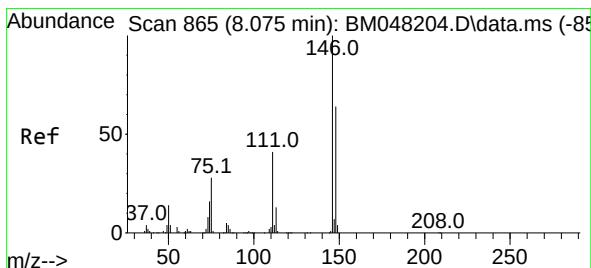
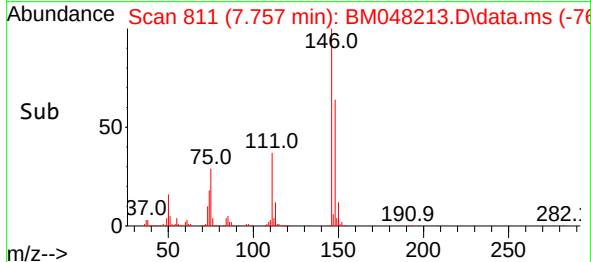
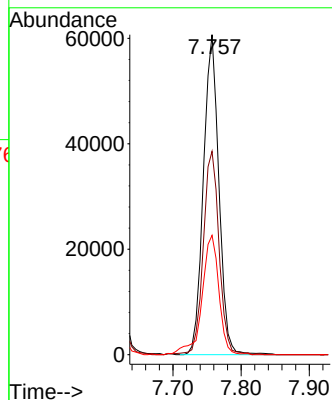
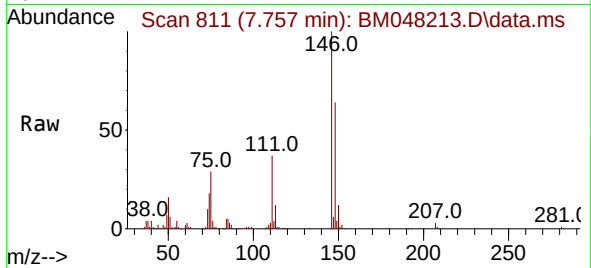
#13
1,4-Dichlorobenzene
Concen: 5.750 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

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

Tgt Ion:146 Resp: 95870
Ion Ratio Lower Upper
146 100
148 63.5 51.7 77.5
111 37.3 31.4 47.2

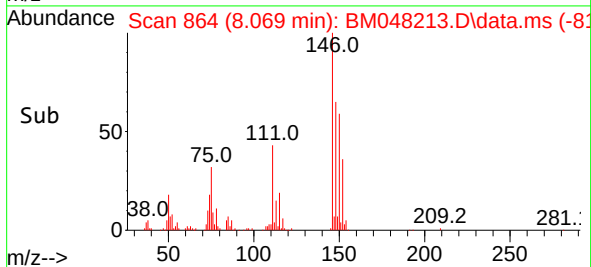
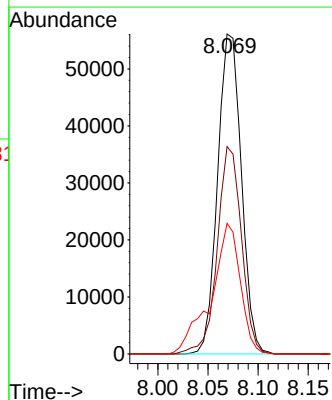
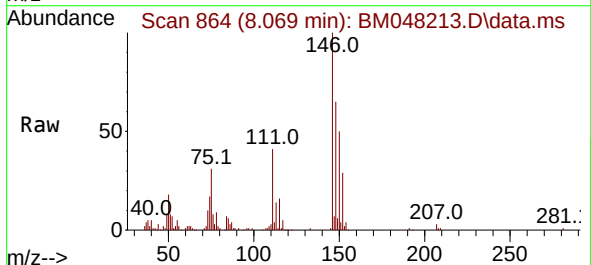
Manual Integrations
APPROVED

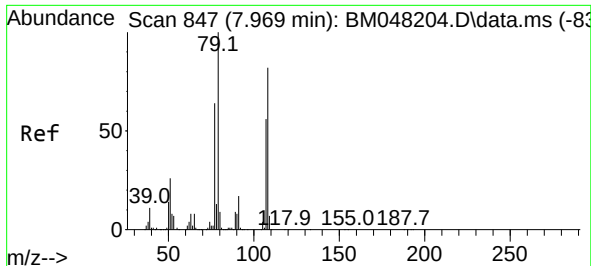
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#14
1,2-Dichlorobenzene
Concen: 5.740 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

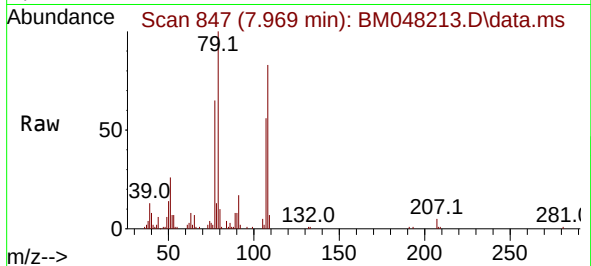
Tgt Ion:146 Resp: 92485
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
111 40.8 32.7 49.1





#15
Benzyl Alcohol
Concen: 5.474 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

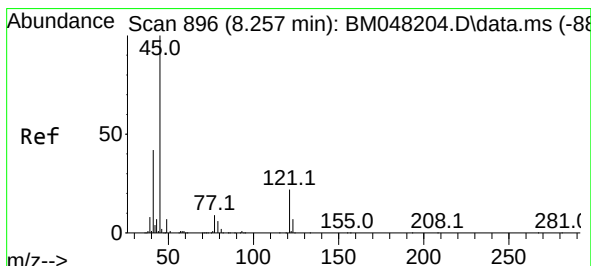
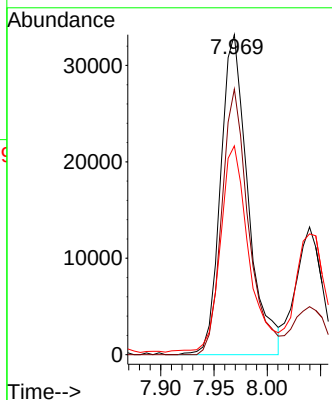
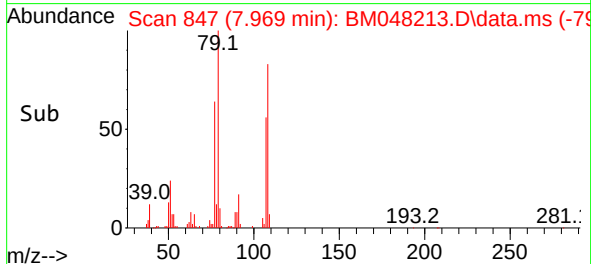
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



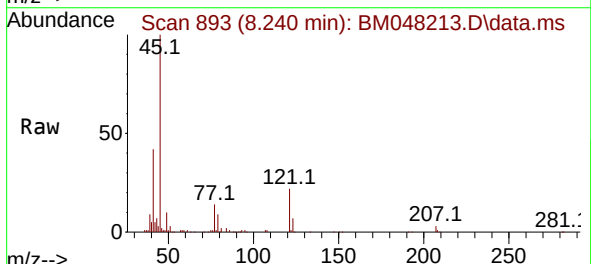
Tgt Ion: 79 Resp: 5958
Ion Ratio Lower Upper
79 100
108 83.0 65.2 97.8
77 65.2 51.4 77.2

Manual Integrations
APPROVED

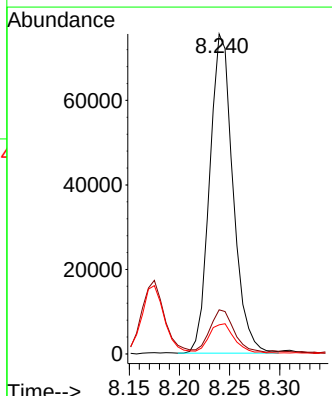
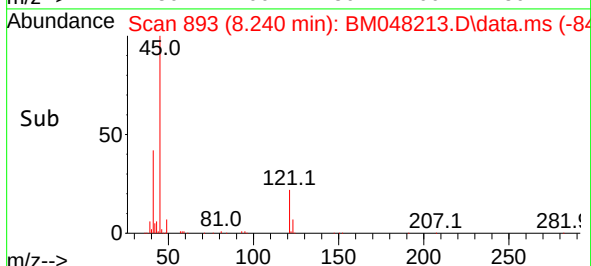
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

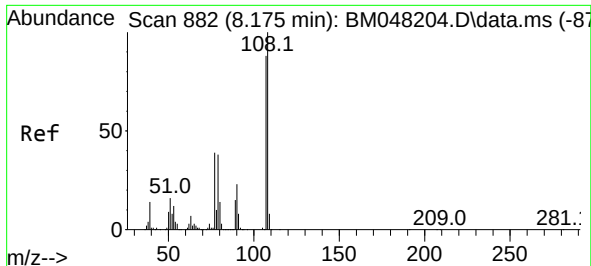


#16
2,2'-oxybis(1-Chloropropane)
Concen: 6.114 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



Tgt Ion: 45 Resp: 122295
Ion Ratio Lower Upper
45 100
77 13.8 0.0 34.2
79 9.1 0.0 30.7





#17

2-Methylphenol

Concen: 5.249 ng

RT: 8.175 min Scan# 882

Delta R.T. 0.000 min

Lab File: BM048213.D

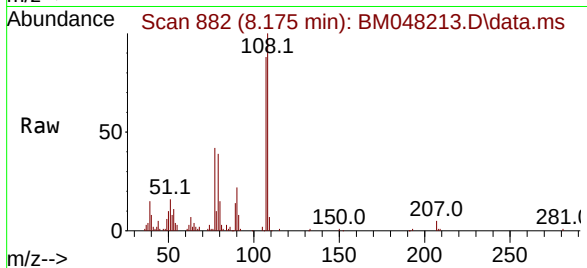
Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



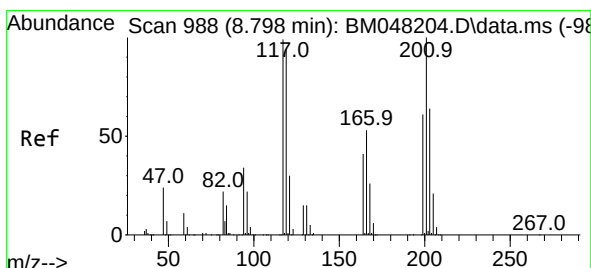
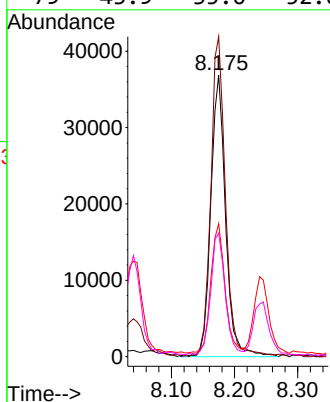
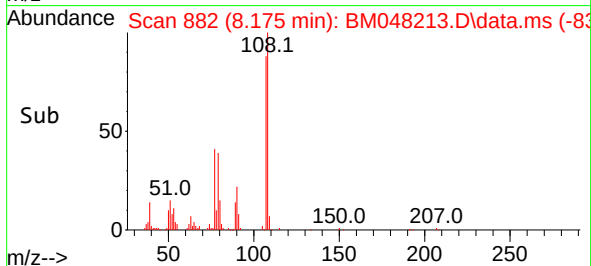
Tgt Ion:	107	Resp:	5988
Ion Ratio	Lower	Upper	
107	100		
108	113.7	91.3	136.9
77	47.2	36.2	54.2
79	43.9	35.0	52.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#18

Hexachloroethane

Concen: 5.576 ng

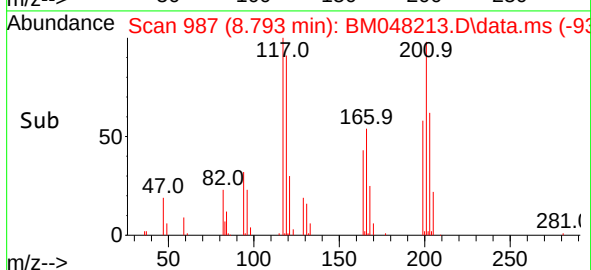
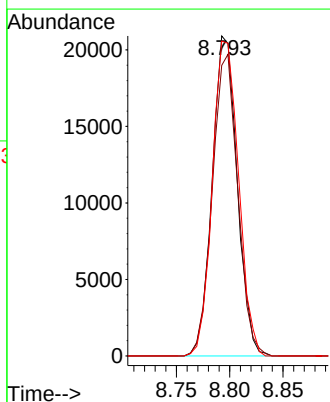
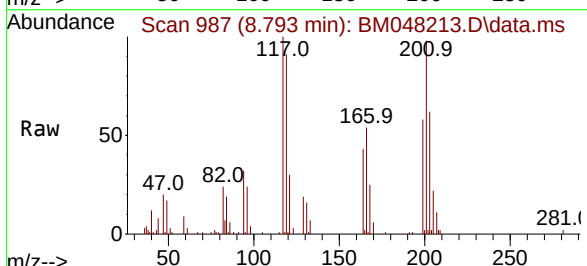
RT: 8.793 min Scan# 987

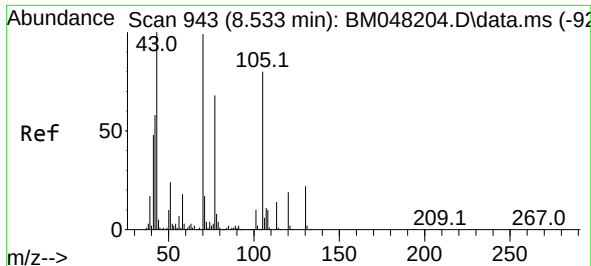
Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

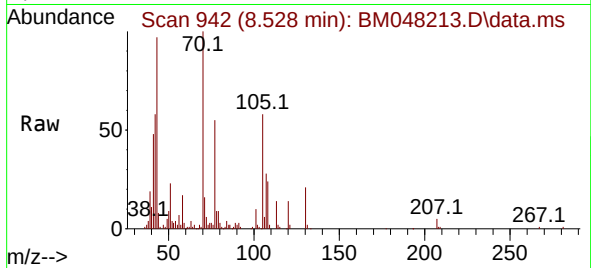
Tgt Ion:	117	Resp:	34076
Ion Ratio	Lower	Upper	
117	100		
119	90.8	76.5	114.7
201	98.4	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 5.617 ng
RT: 8.528 min Scan# 943
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

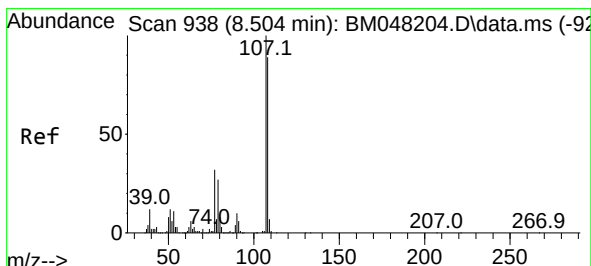
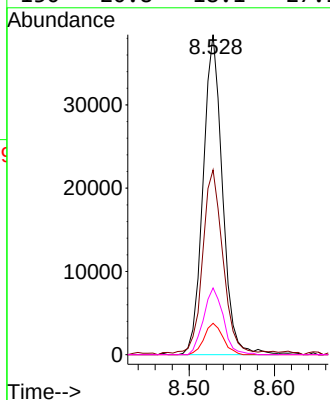
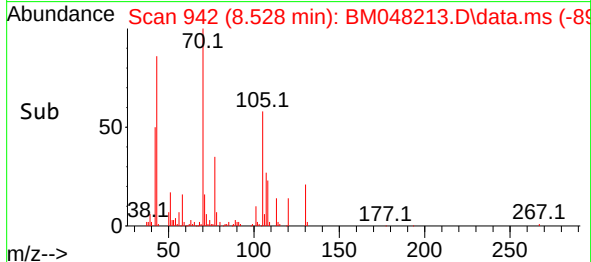
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 70 Resp: 6063
Ion Ratio Lower Upper
70 100
42 57.8 47.0 70.6
101 9.8 7.8 11.6
130 20.8 18.1 27.1

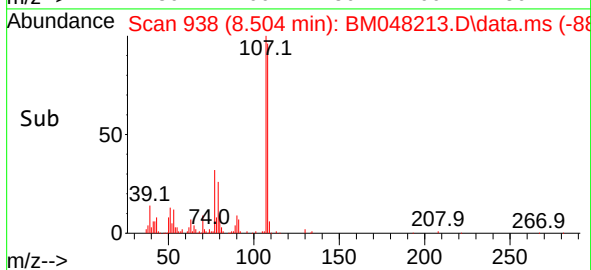
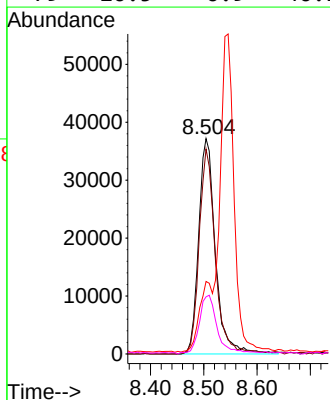
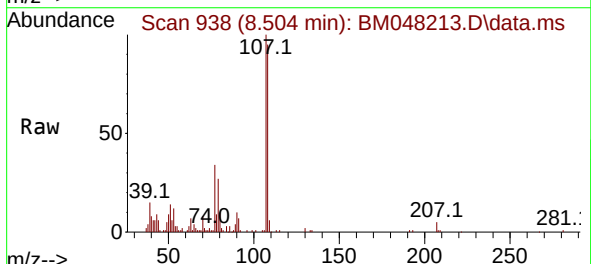
Manual Integrations
APPROVED

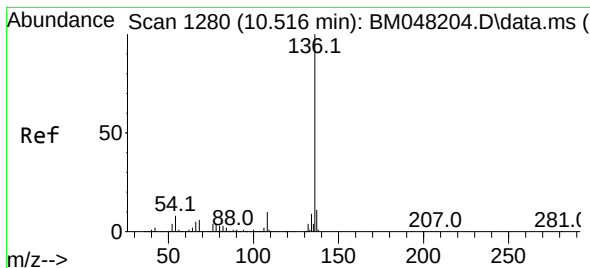
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 5.118 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

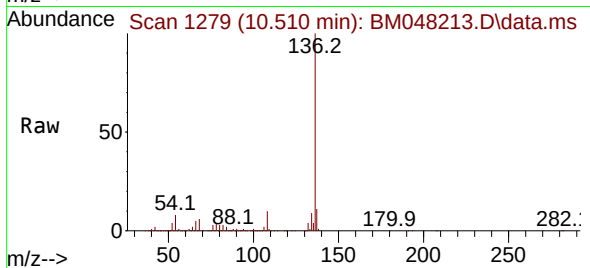
Tgt Ion:107 Resp: 80885
Ion Ratio Lower Upper
107 100
108 95.2 69.0 109.0
77 33.6 12.3 52.3
79 26.5 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

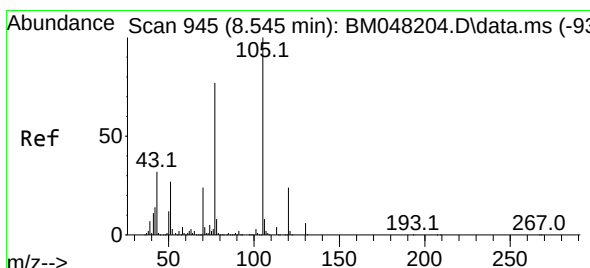
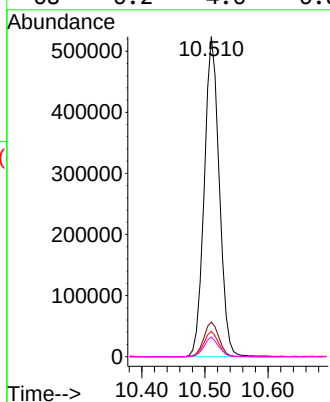
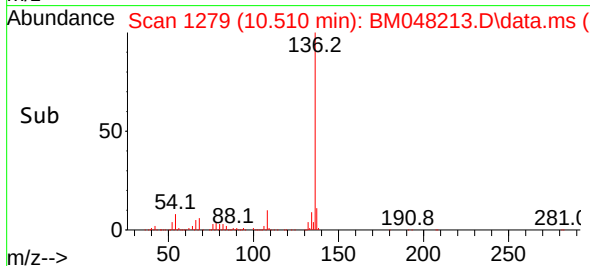
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 865490
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.5 9.7
68 6.2 4.6 6.8

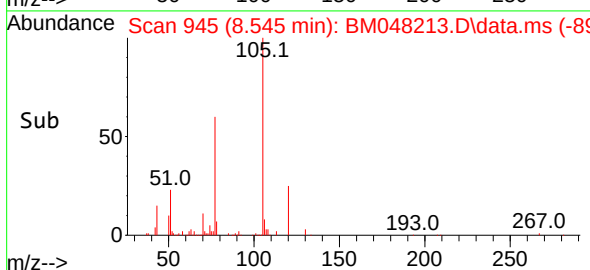
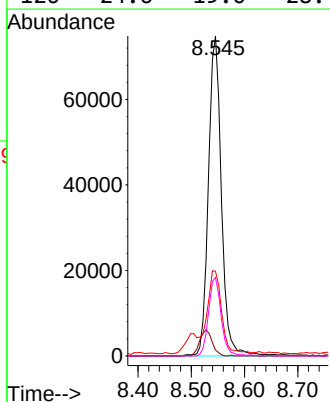
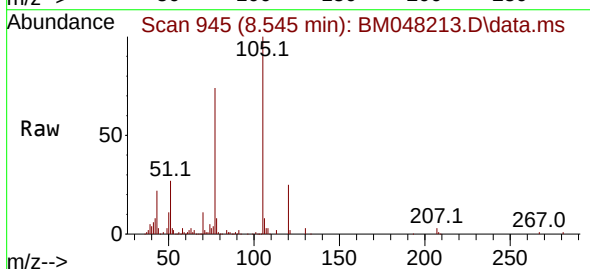
Manual Integrations
APPROVED

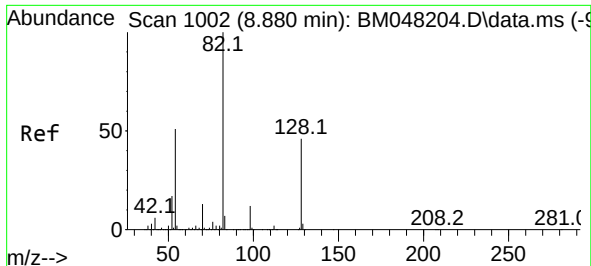
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 6.003 ng
RT: 8.545 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

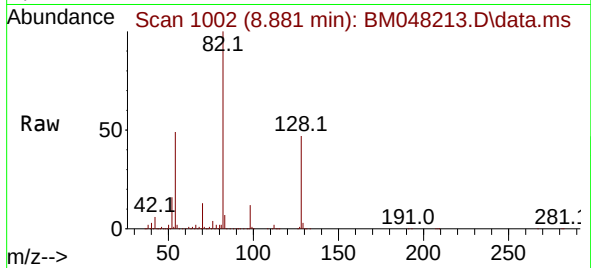
Tgt Ion:105 Resp: 126797
Ion Ratio Lower Upper
105 100
71 1.9 3.4 5.0#
51 26.5 21.7 32.5
120 24.6 19.0 28.4





#23
Nitrobenzene-d5
Concen: 82.975 ng
RT: 8.881 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

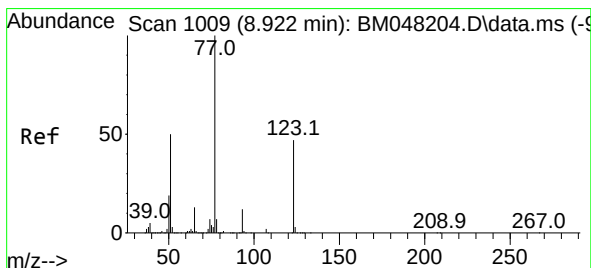
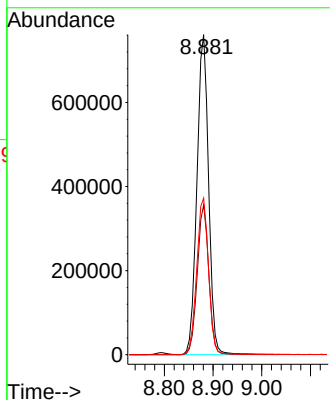
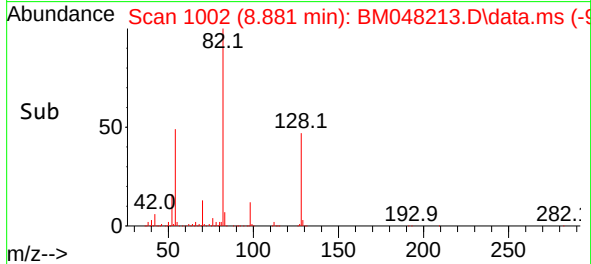
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 127188
Ion Ratio Lower Upper
82 100
128 46.8 36.6 54.8
54 49.0 41.0 61.4

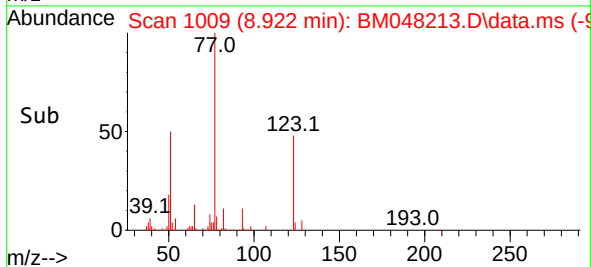
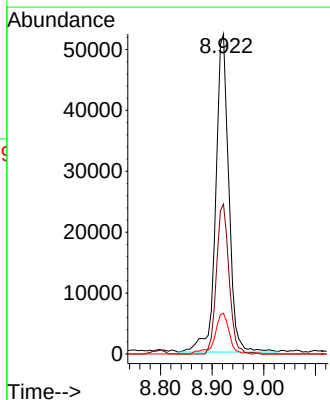
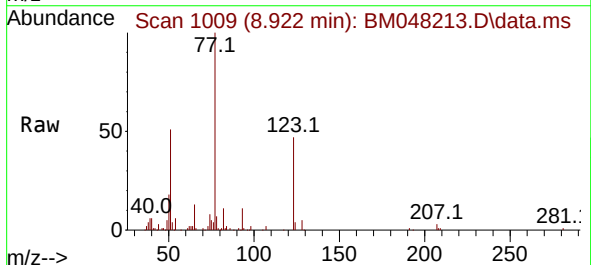
Manual Integrations
APPROVED

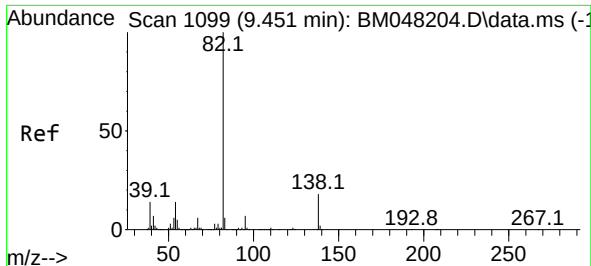
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#24
Nitrobenzene
Concen: 5.796 ng
RT: 8.922 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

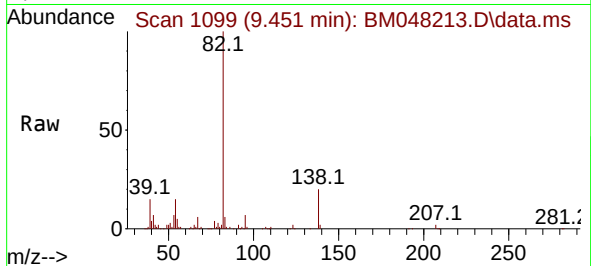
Tgt Ion: 77 Resp: 92060
Ion Ratio Lower Upper
77 100
123 46.9 37.8 56.6
65 12.7 10.4 15.6





#25
Isophorone
Concen: 5.636 ng
RT: 9.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

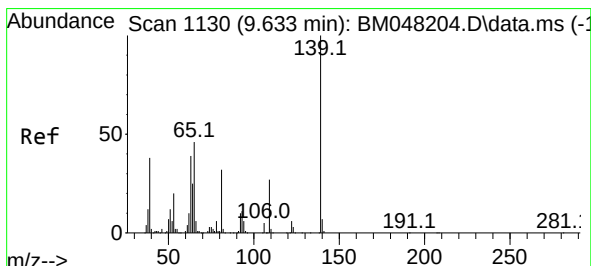
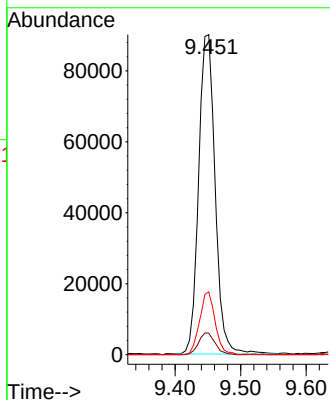
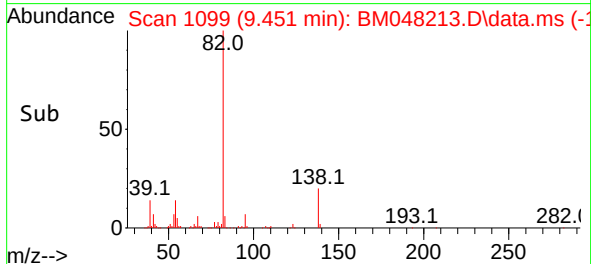
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 15835
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.6 14.3 21.5

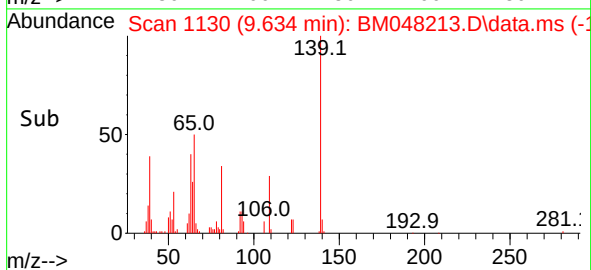
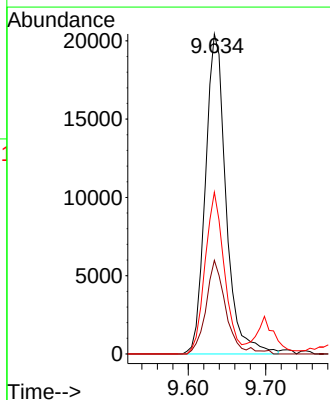
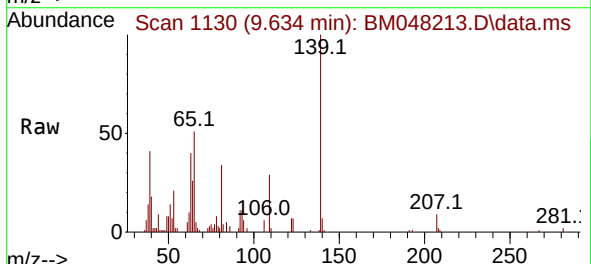
Manual Integrations
APPROVED

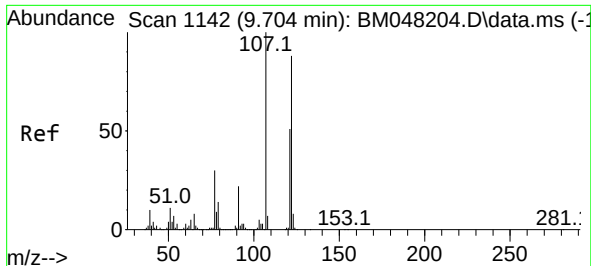
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#26
2-Nitrophenol
Concen: 5.142 ng
RT: 9.634 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

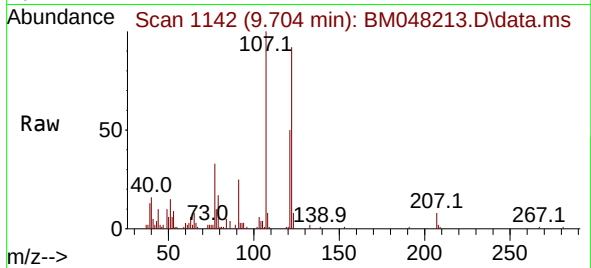
Tgt Ion:139 Resp: 37706
Ion Ratio Lower Upper
139 100
109 29.3 21.2 31.8
65 50.5 36.8 55.2





#27
2,4-Dimethylphenol
Concen: 3.663 ng m
RT: 9.704 min Scan# 1142
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

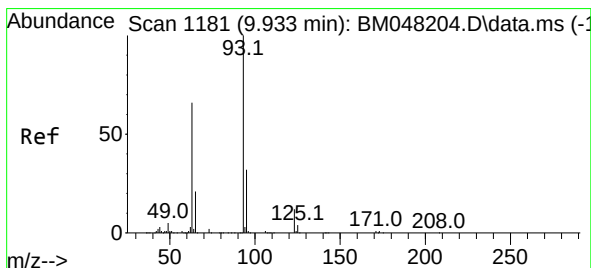
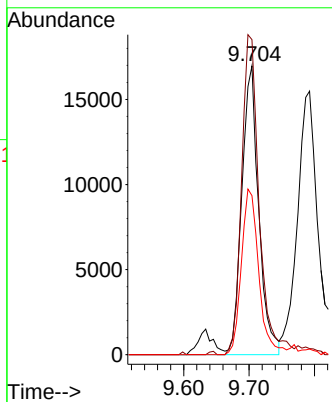
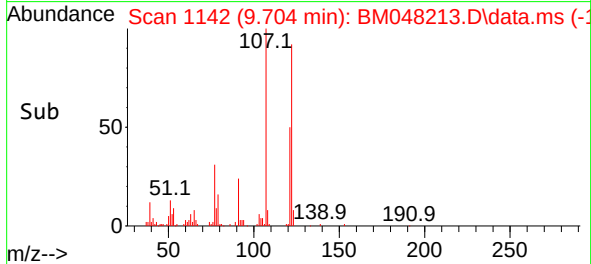
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:122 Resp: 3258
Ion Ratio Lower Upper
122 100
107 109.1 91.0 136.6
121 55.1 46.1 69.1

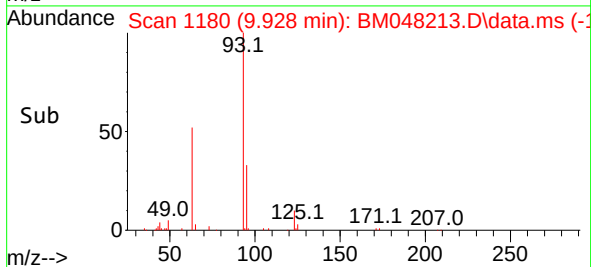
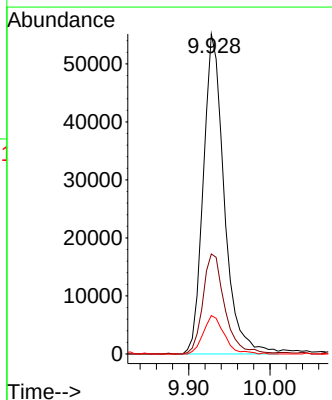
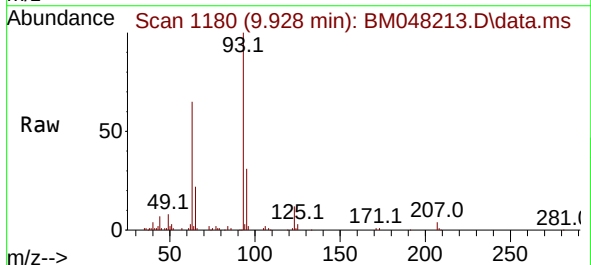
Manual Integrations
APPROVED

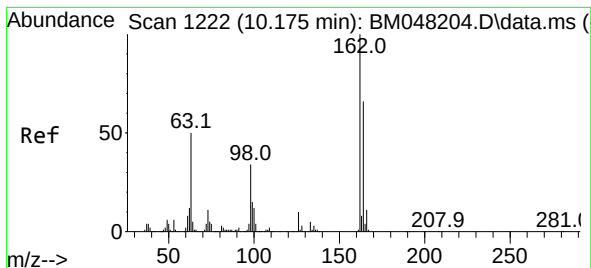
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 5.562 ng
RT: 9.928 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

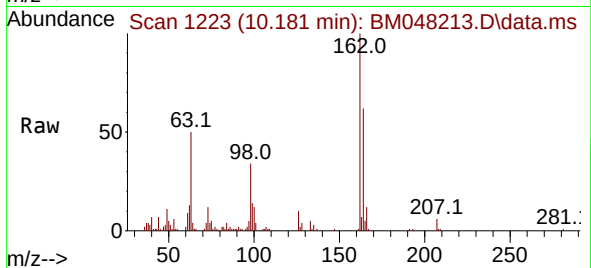
Tgt Ion: 93 Resp: 98892
Ion Ratio Lower Upper
93 100
95 31.3 25.3 37.9
123 12.0 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 5.258 ng
RT: 10.181 min Scan# 1222
Delta R.T. 0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

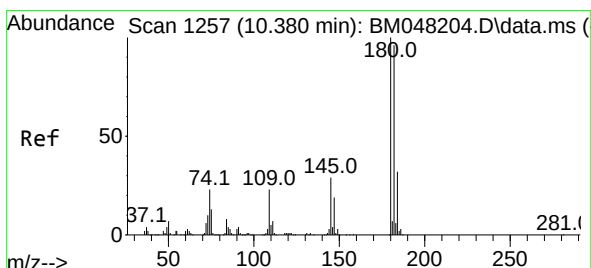
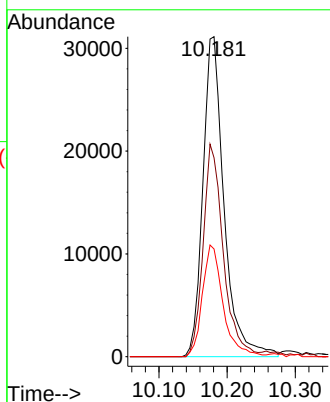
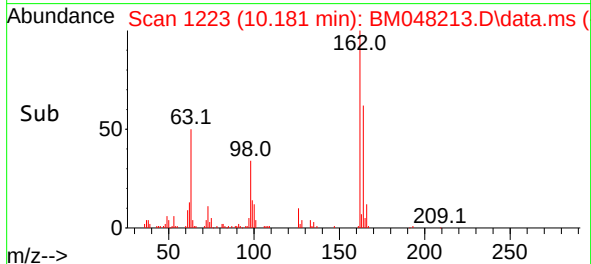
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 6729
Ion Ratio Lower Upper
162 100
164 62.2 46.0 86.0
98 33.6 14.4 54.4

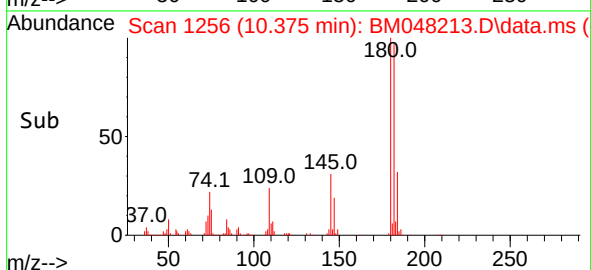
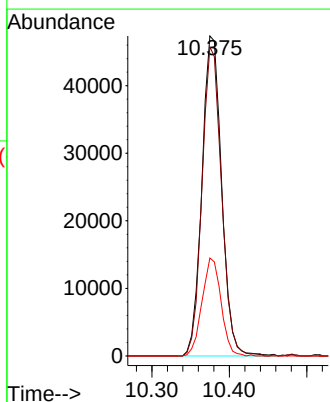
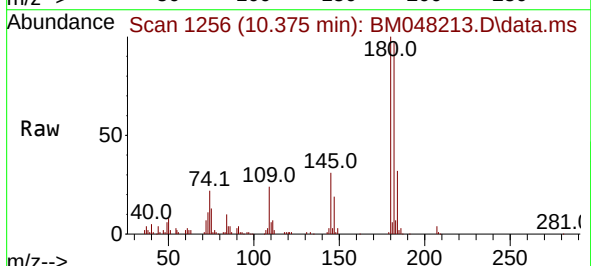
Manual Integrations
APPROVED

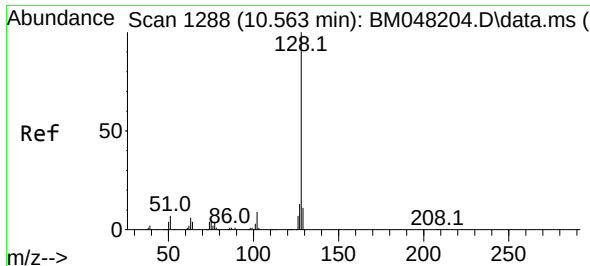
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#30
1,2,4-Trichlorobenzene
Concen: 5.701 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

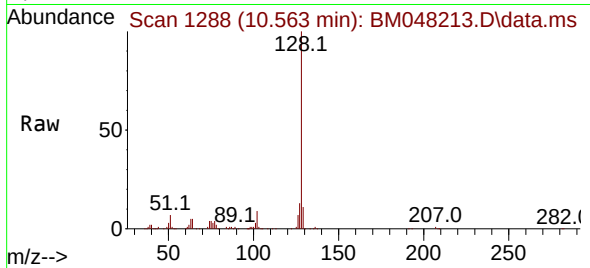
Tgt Ion:180 Resp: 83563
Ion Ratio Lower Upper
180 100
182 96.6 76.6 115.0
145 30.6 23.4 35.2





#31
Naphthalene
Concen: 5.718 ng
RT: 10.563 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

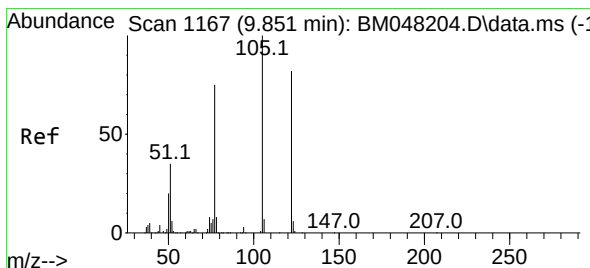
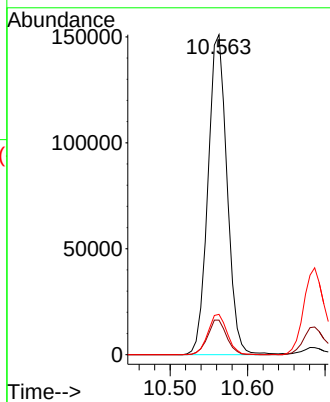
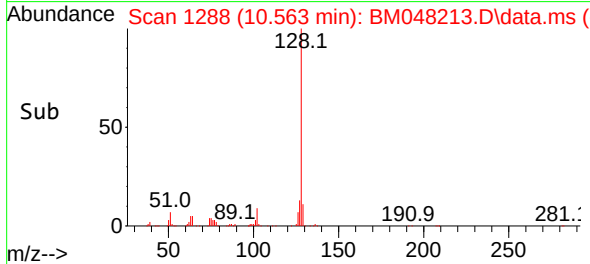
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 258128
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.6 10.2 15.2

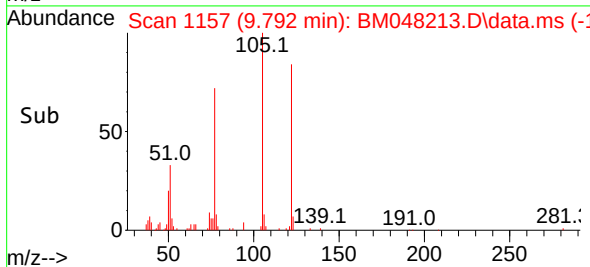
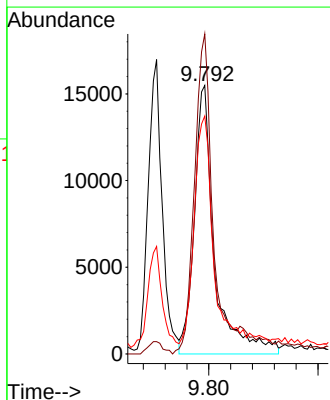
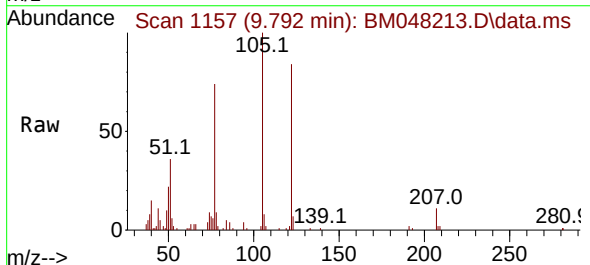
Manual Integrations
APPROVED

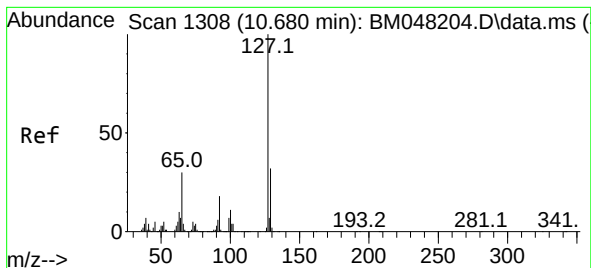
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 3.981 ng m
RT: 9.792 min Scan# 1157
Delta R.T. -0.059 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

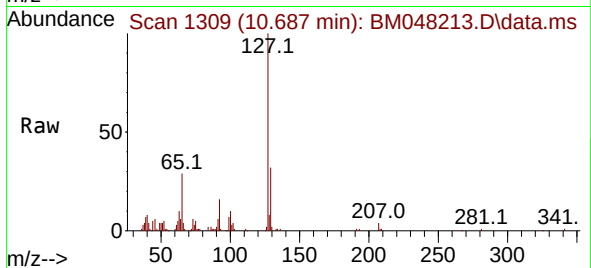
Tgt Ion:122 Resp: 39421
Ion Ratio Lower Upper
122 100
105 119.2 99.3 139.3
77 88.6 70.4 110.4





#33
4-Chloroaniline
Concen: 5.882 ng
RT: 10.687 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

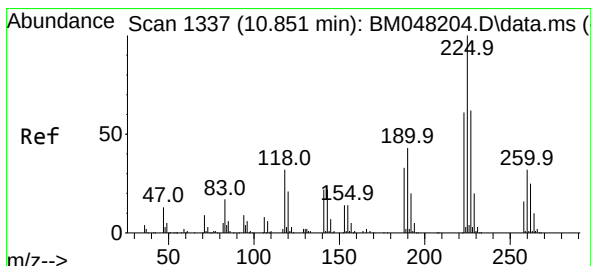
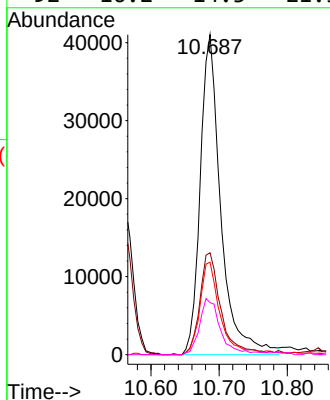
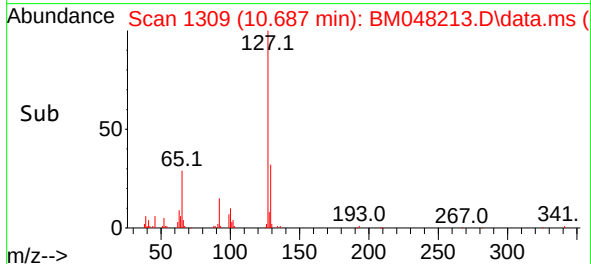
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:127 Resp: 86110
Ion Ratio Lower Upper
127 100
129 31.9 25.8 38.6
65 28.9 23.7 35.5
92 16.2 14.3 21.5

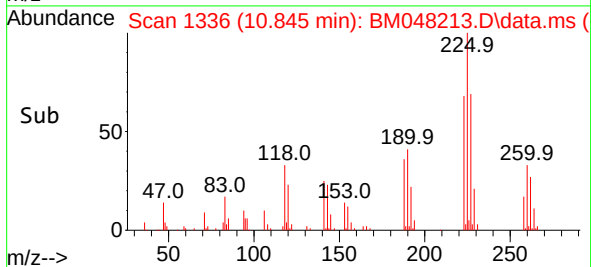
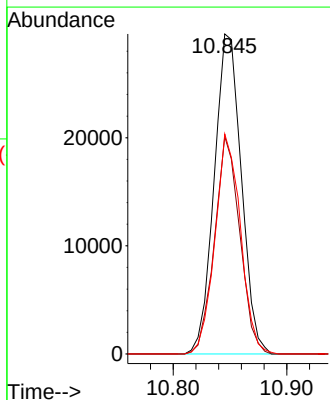
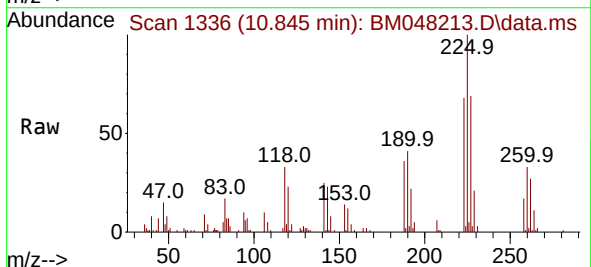
Manual Integrations
APPROVED

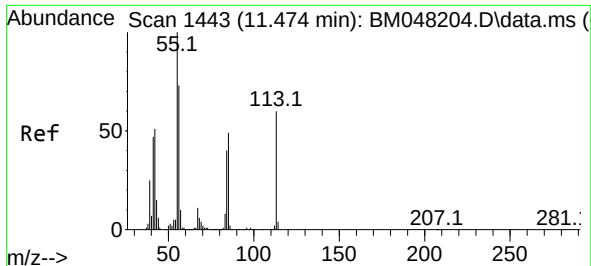
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#34
Hexachlorobutadiene
Concen: 5.407 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

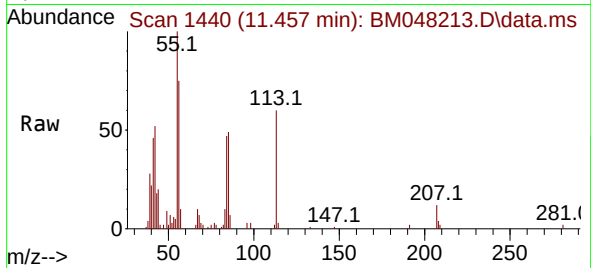
Tgt Ion:225 Resp: 49125
Ion Ratio Lower Upper
225 100
223 67.9 48.6 73.0
227 68.8 49.6 74.4





#35
Caprolactam
Concen: 4.928 ng
RT: 11.457 min Scan# 1443
Delta R.T. -0.017 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

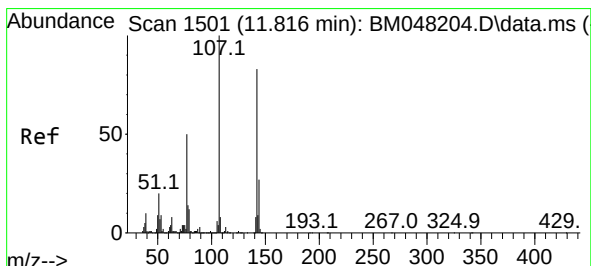
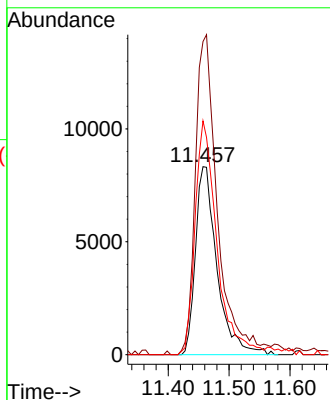
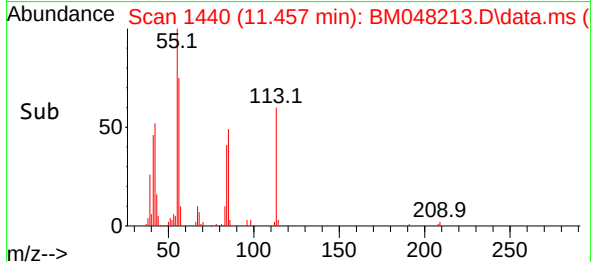
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:113 Resp: 2048
Ion Ratio Lower Upper
113 100
55 166.5 146.1 186.1
56 124.3 101.9 141.9

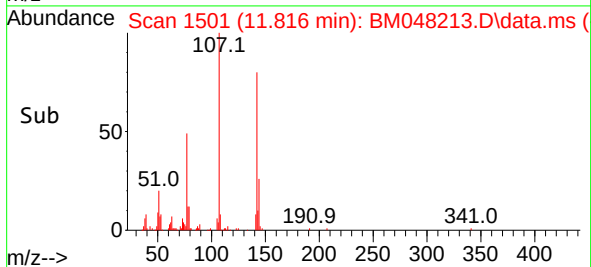
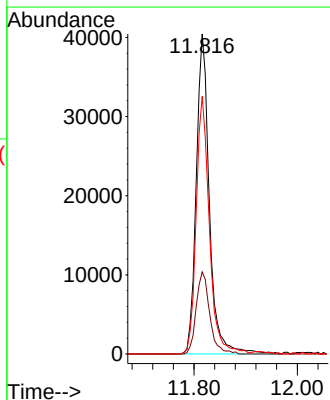
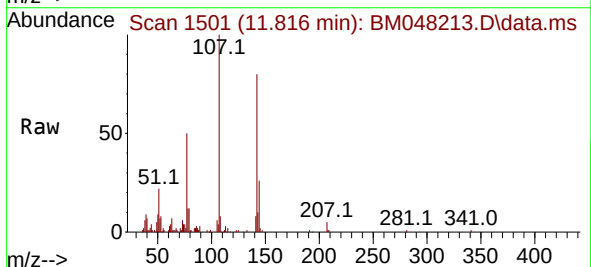
Manual Integrations
APPROVED

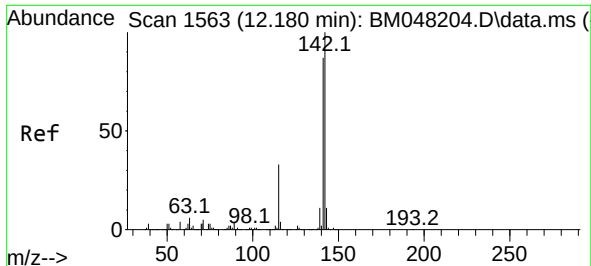
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#36
4-Chloro-3-methylphenol
Concen: 5.332 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

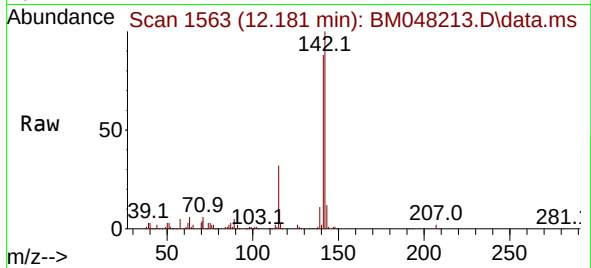
Tgt Ion:107 Resp: 71234
Ion Ratio Lower Upper
107 100
144 25.6 21.5 32.3
142 80.5 66.8 100.2





#37
2-Methylnaphthalene
Concen: 5.610 ng
RT: 12.181 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

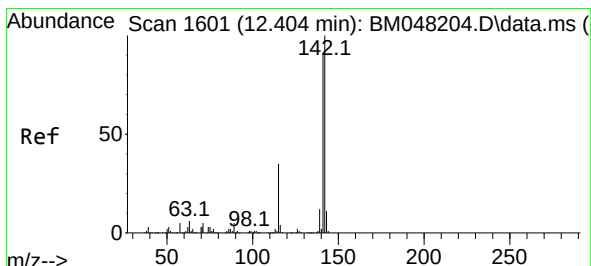
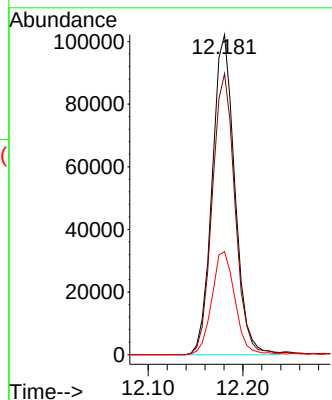
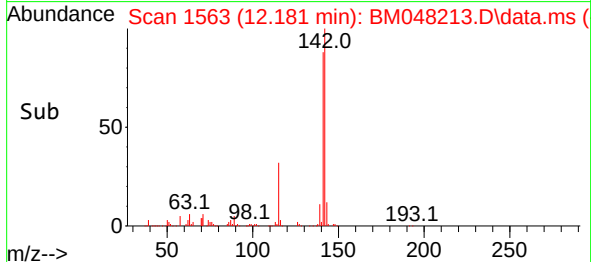
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:142 Resp: 169200
Ion Ratio Lower Upper
142 100
141 87.8 69.8 104.6
115 32.2 26.3 39.5

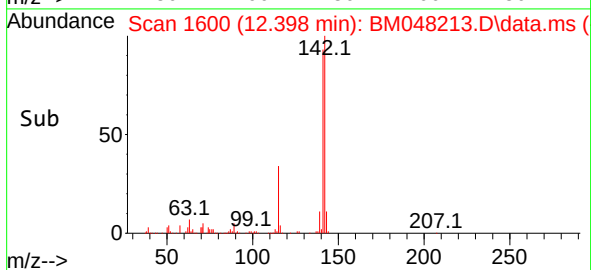
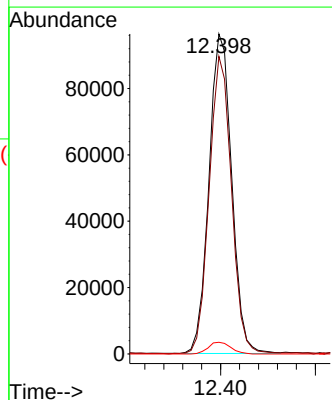
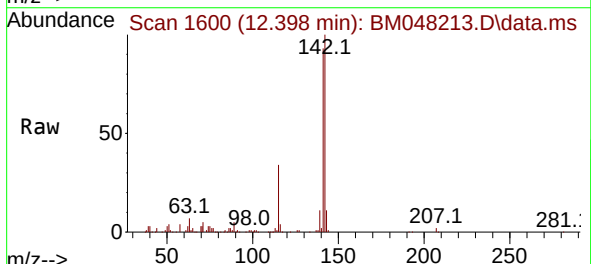
Manual Integrations
APPROVED

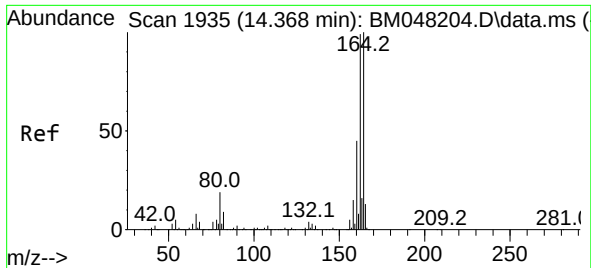
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#38
1-Methylnaphthalene
Concen: 5.360 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

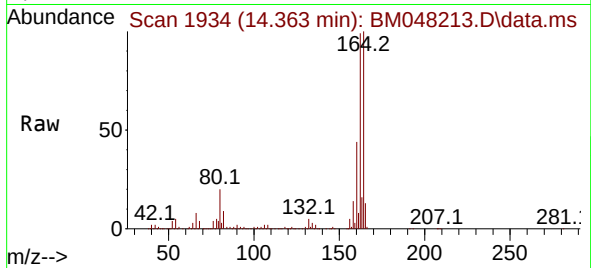
Tgt Ion:142 Resp: 160309
Ion Ratio Lower Upper
142 100
141 93.0 72.7 109.1
116 3.7 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

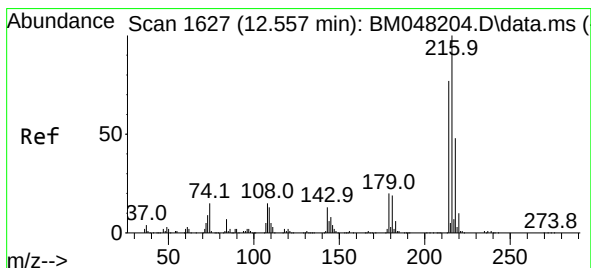
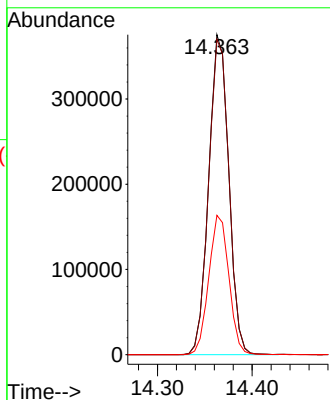
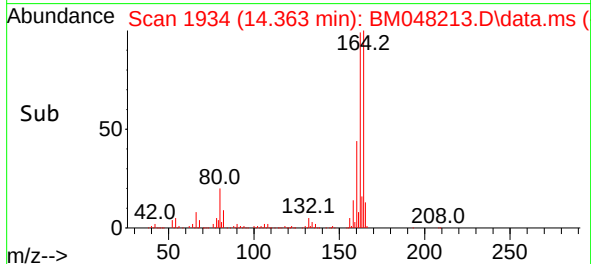
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



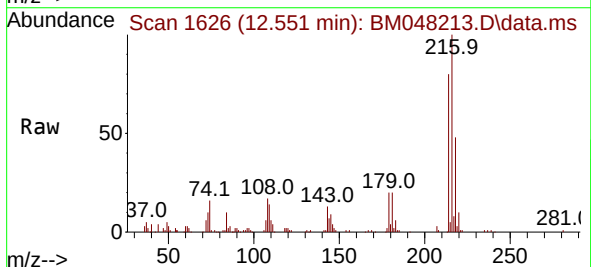
Tgt Ion:164 Resp: 551100
Ion Ratio Lower Upper
164 100
162 98.5 79.1 118.7
160 43.6 35.8 53.8

Manual Integrations
APPROVED

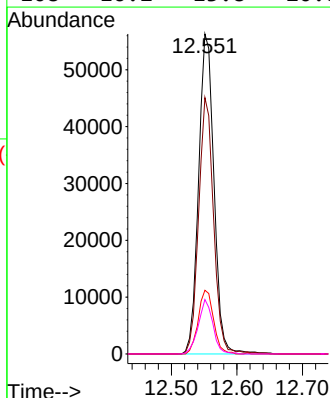
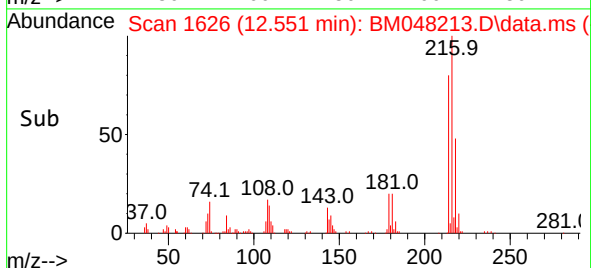
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

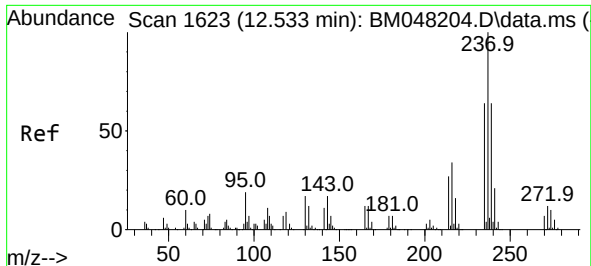


#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.850 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



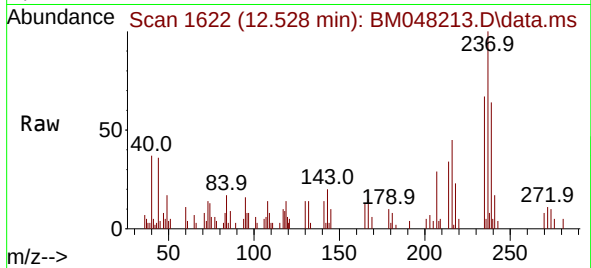
Tgt Ion:216 Resp: 92142
Ion Ratio Lower Upper
216 100
214 77.9 62.2 93.2
179 19.8 16.0 24.0
108 16.2 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 1.915 ng
RT: 12.528 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

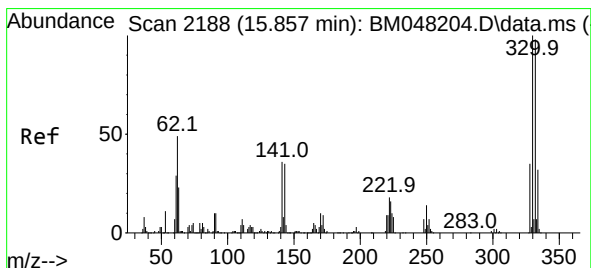
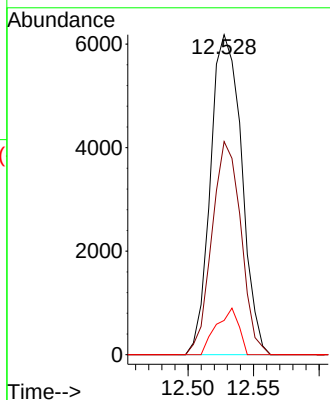
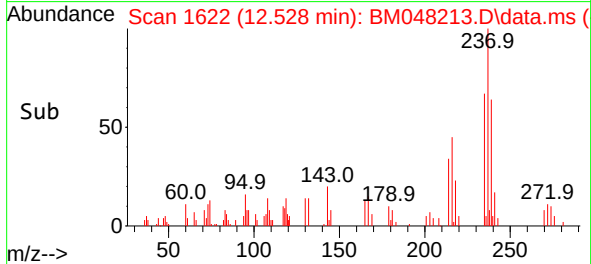
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:237 Resp: 10208
Ion Ratio Lower Upper
237 100
235 66.6 44.2 84.2
272 10.7 0.0 32.4

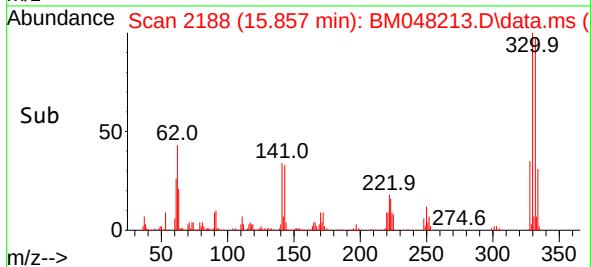
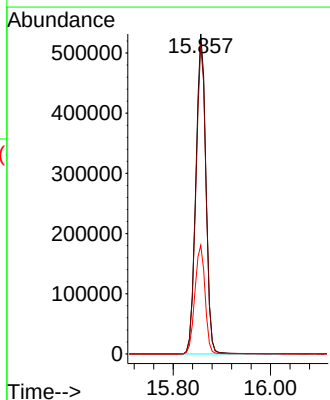
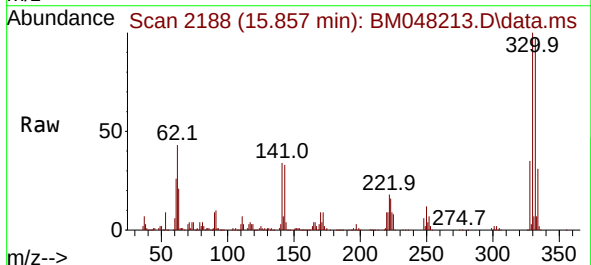
Manual Integrations
APPROVED

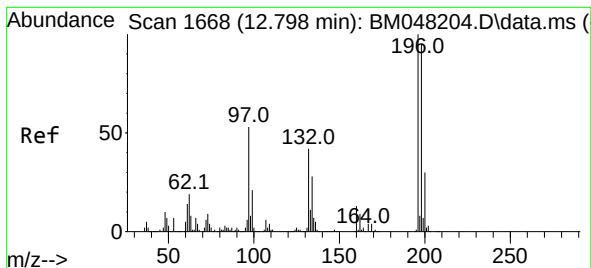
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#42
2,4,6-Tribromophenol
Concen: 113.365 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:330 Resp: 764705
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 34.5 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 5.323 ng

RT: 12.798 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM048213.D

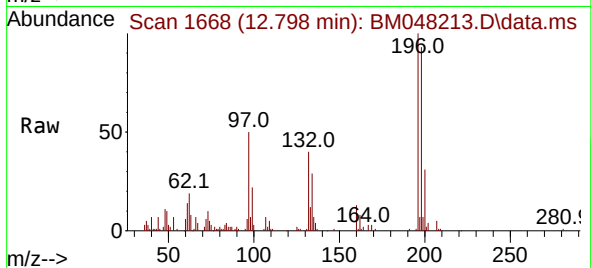
Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



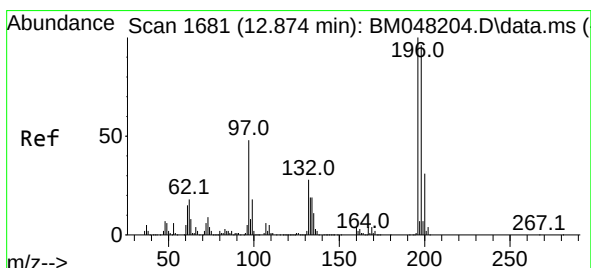
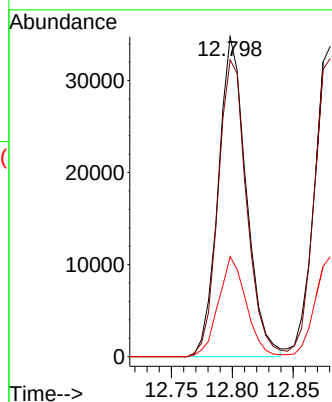
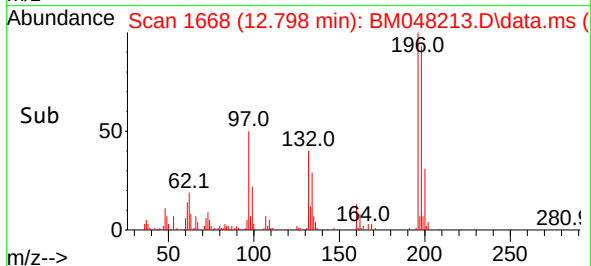
Tgt Ion:196	Resp:	5564
Ion Ratio	Lower	Upper
196	100	
198	92.8	76.2 114.2
200	31.3	24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#44

2,4,5-Trichlorophenol

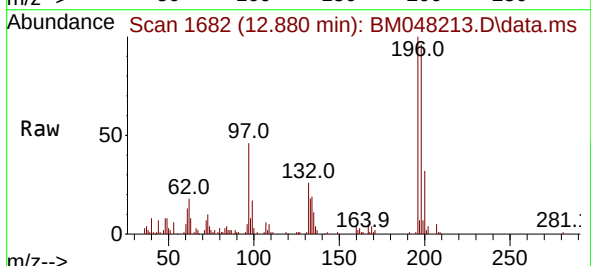
Concen: 5.219 ng

RT: 12.880 min Scan# 1682

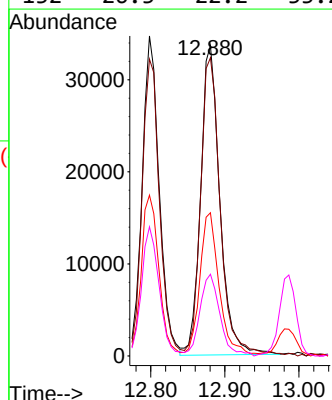
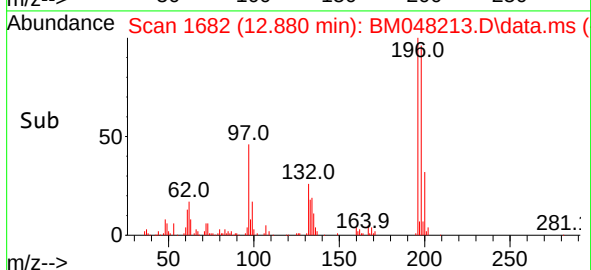
Delta R.T. 0.006 min

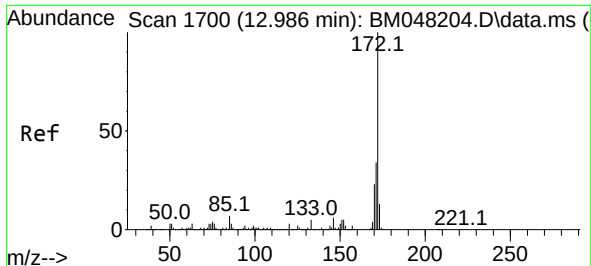
Lab File: BM048213.D

Acq: 24 Oct 2024 12:29



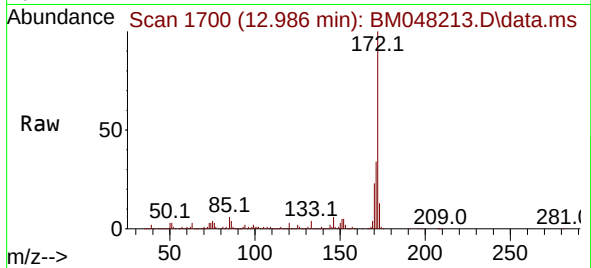
Tgt Ion:196	Resp:	60840
Ion Ratio	Lower	Upper
196	100	
198	96.1	76.7 115.1
97	46.1	38.5 57.7
132	26.3	22.2 33.2





#45
2-Fluorobiphenyl
Concen: 81.558 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

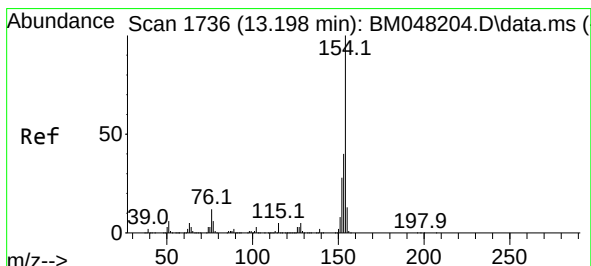
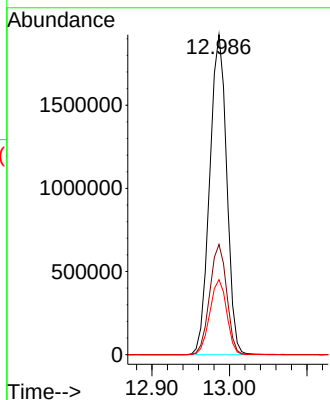
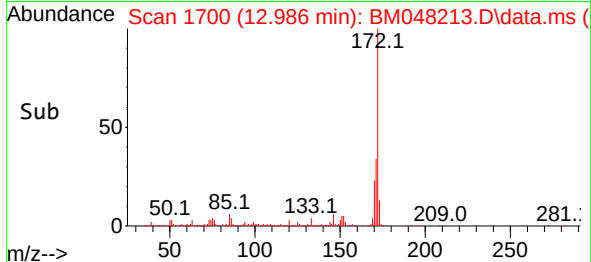
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:172 Resp: 2929078
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.4 18.5 27.7

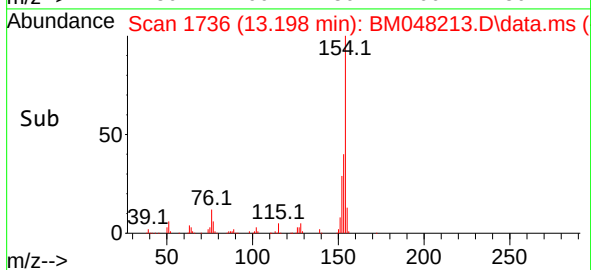
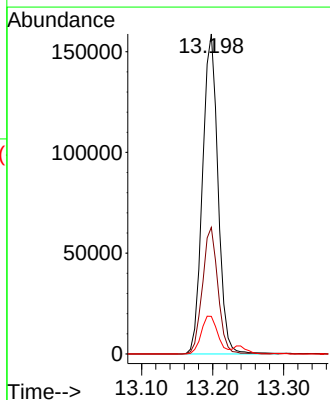
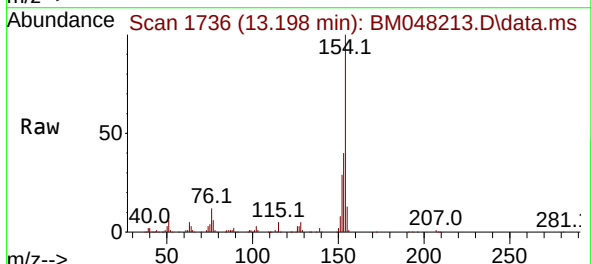
Manual Integrations
APPROVED

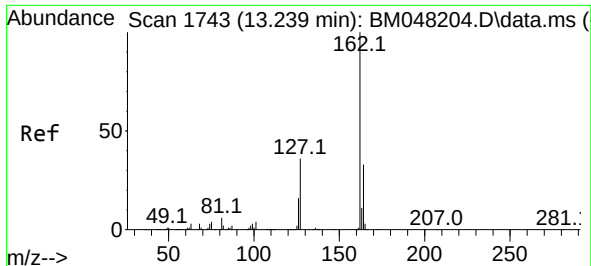
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 6.122 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

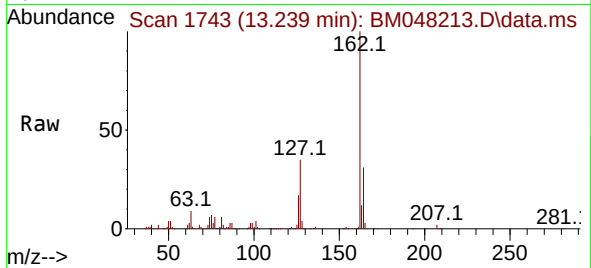
Tgt Ion:154 Resp: 240883
Ion Ratio Lower Upper
154 100
153 39.5 19.9 59.9
76 11.8 0.0 32.4





#47
2-Chloronaphthalene
Concen: 5.805 ng
RT: 13.239 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

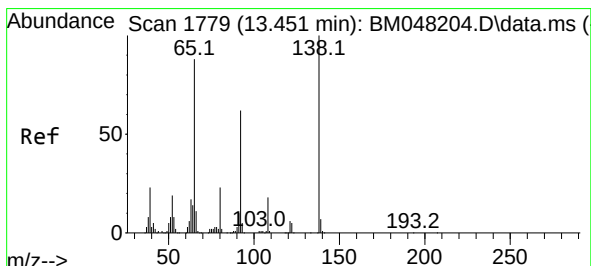
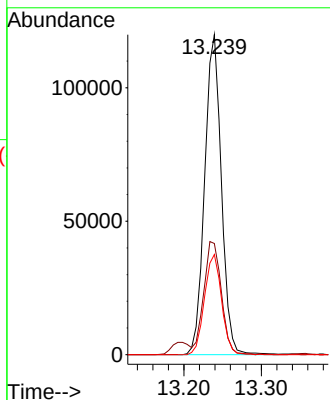
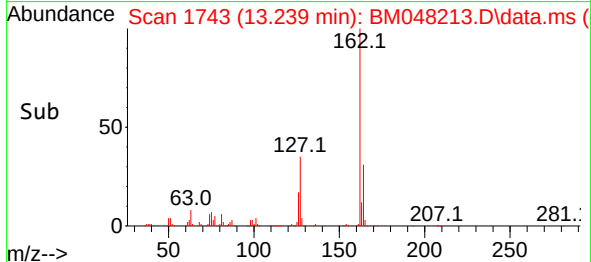
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



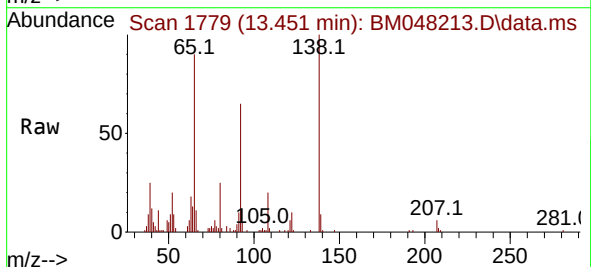
Tgt Ion:162 Resp: 18010
Ion Ratio Lower Upper
162 100
127 34.8 31.0 46.6
164 31.3 26.2 39.4

Manual Integrations
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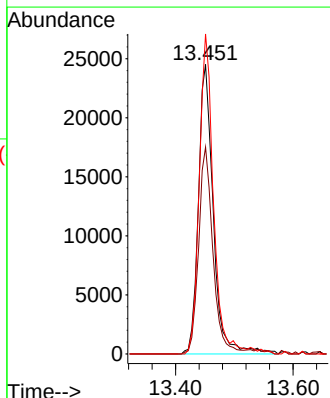
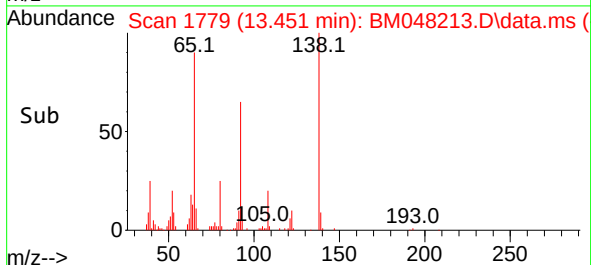
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

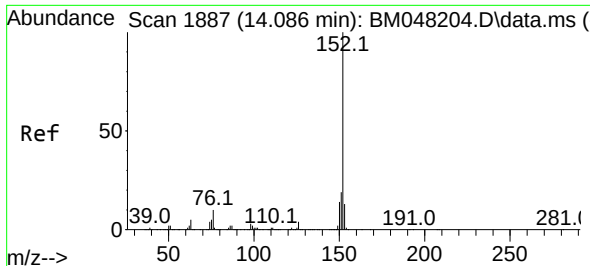


#48
2-Nitroaniline
Concen: 5.128 ng
RT: 13.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



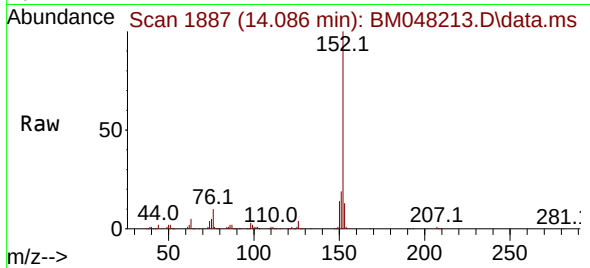
Tgt Ion: 65 Resp: 43148
Ion Ratio Lower Upper
65 100
92 71.5 56.0 84.0
138 110.6 90.8 136.2





#49
Acenaphthylene
Concen: 6.155 ng
RT: 14.086 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

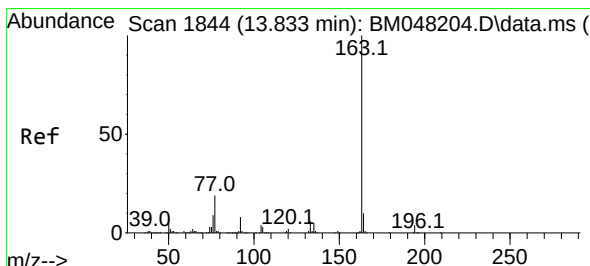
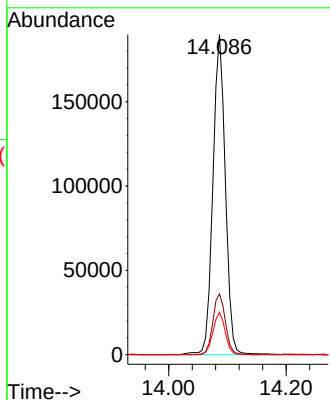
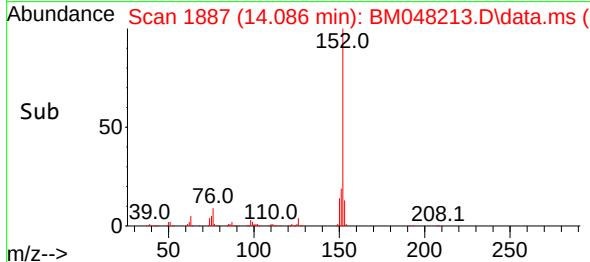
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



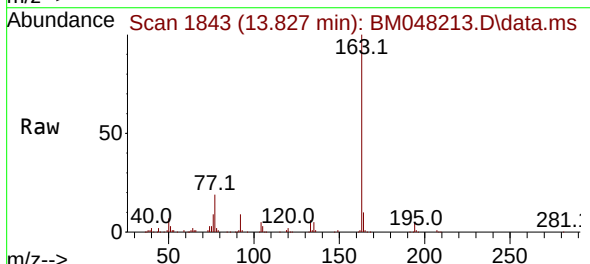
Tgt Ion:152 Resp: 278610
Ion Ratio Lower Upper
152 100
151 19.0 15.4 23.2
153 13.2 10.5 15.7

Manual Integrations
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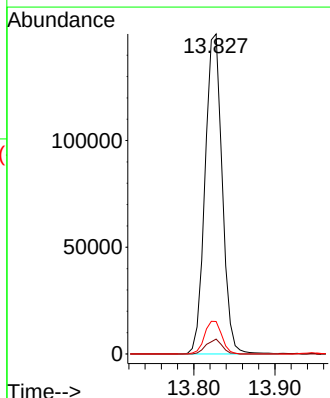
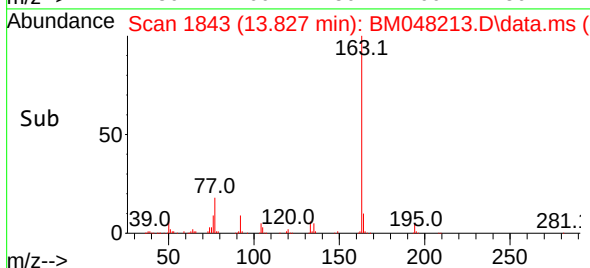
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

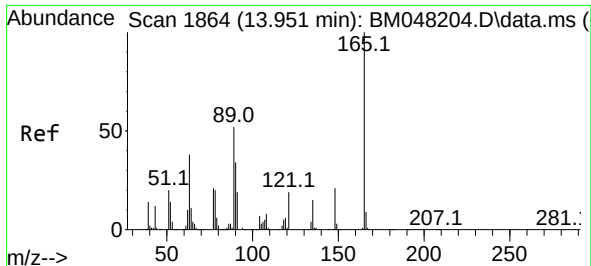


#50
Dimethylphthalate
Concen: 5.836 ng
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



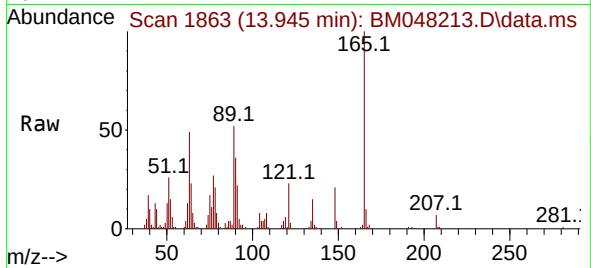
Tgt Ion:163 Resp: 219550
Ion Ratio Lower Upper
163 100
194 4.6 3.1 4.7
164 10.2 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 5.110 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

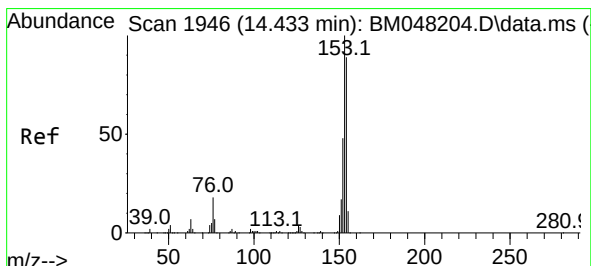
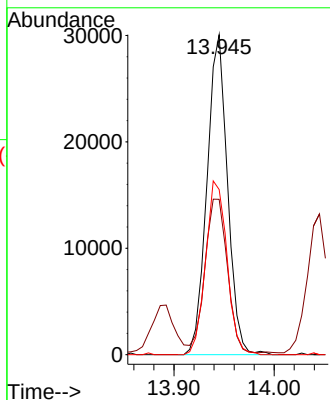
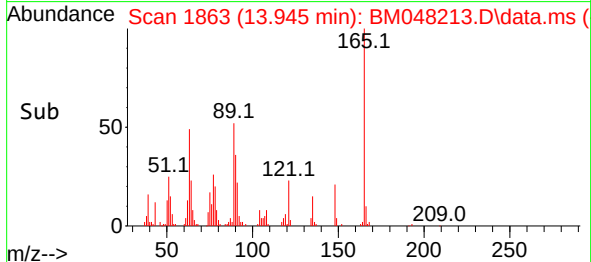
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 42890
Ion Ratio Lower Upper
165 100
63 48.5 39.5 59.3
89 51.6 41.8 62.6

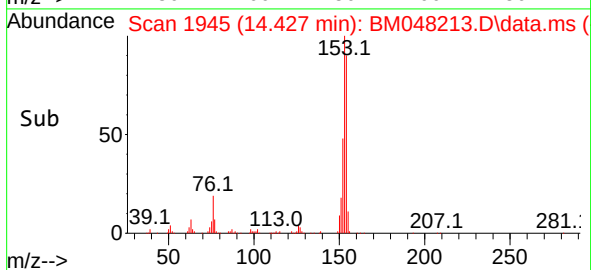
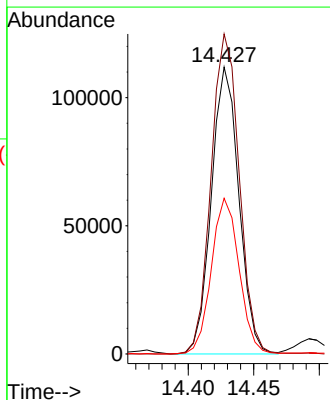
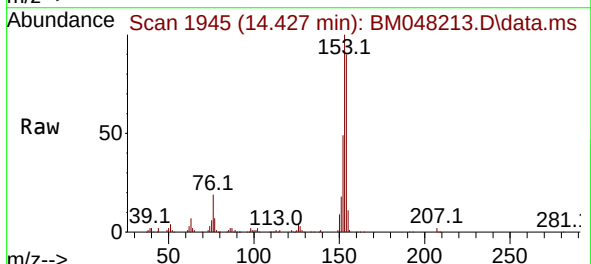
Manual Integrations
APPROVED

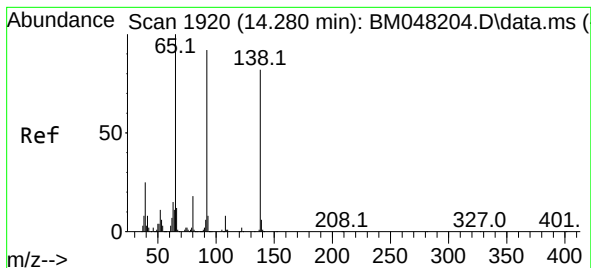
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 5.687 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:154 Resp: 163542
Ion Ratio Lower Upper
154 100
153 111.6 90.4 135.6
152 54.3 43.6 65.4





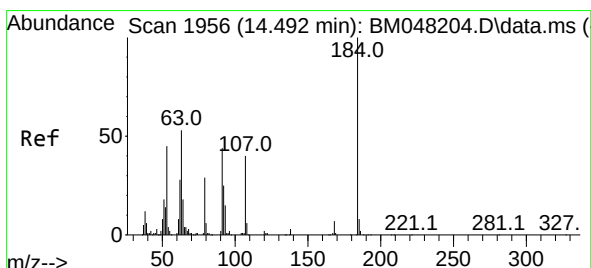
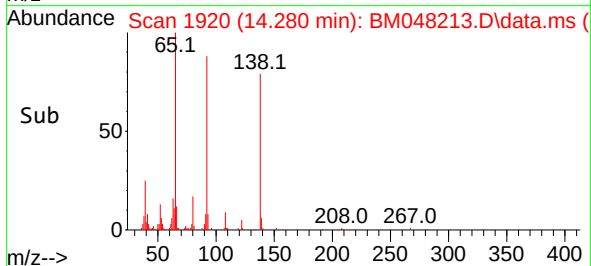
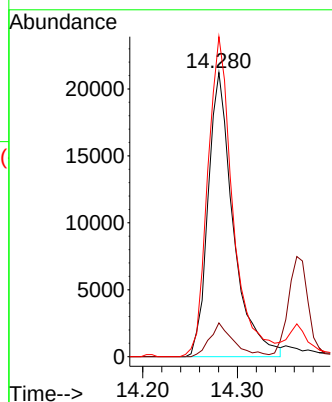
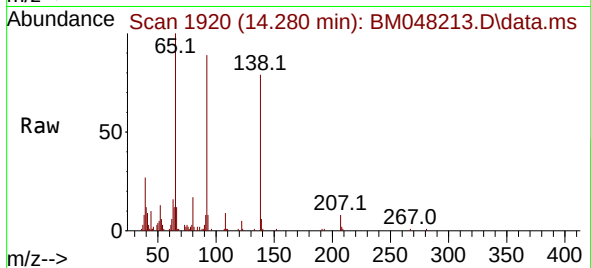
#53
3-Nitroaniline
Concen: 4.929 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

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

Tgt Ion:138 Resp: 3902
Ion Ratio Lower Upper
138 100
108 11.9 7.5 11.3
92 112.6 89.7 134.5

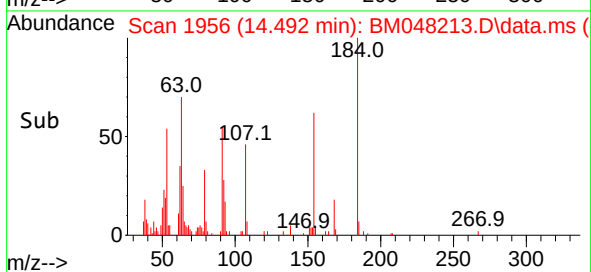
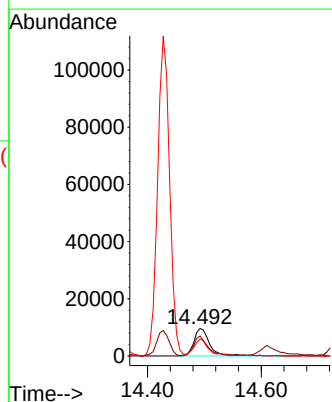
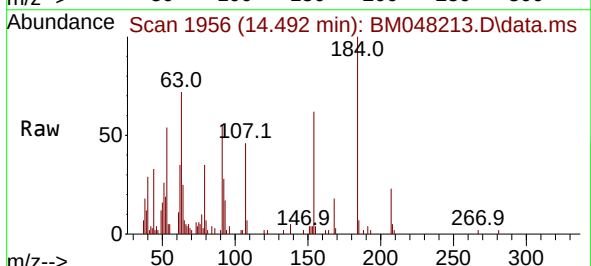
Manual Integrations
APPROVED

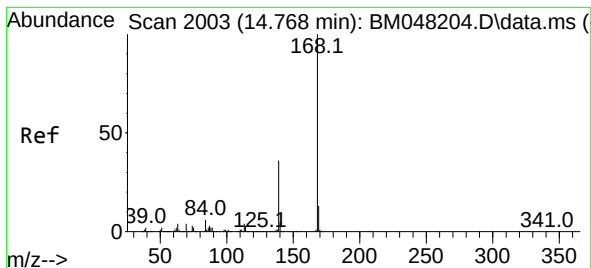
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 3.790 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:184 Resp: 18590
Ion Ratio Lower Upper
184 100
63 72.1 47.2 70.8
154 61.8 46.0 69.0





#55

Dibenzenofuran

Concen: 5.946 ng

RT: 14.763 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM048213.D

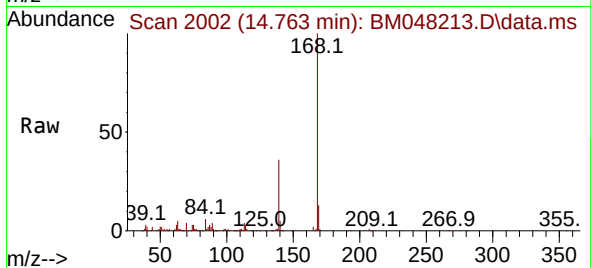
Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 271680

Ion Ratio Lower Upper

168 100

139 35.7 29.0 43.6

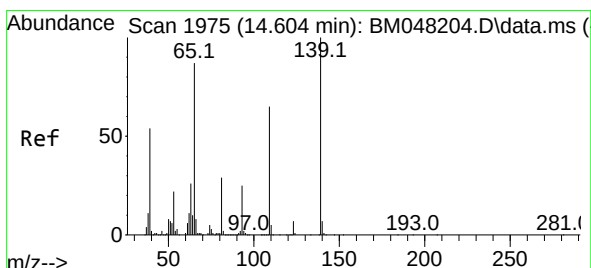
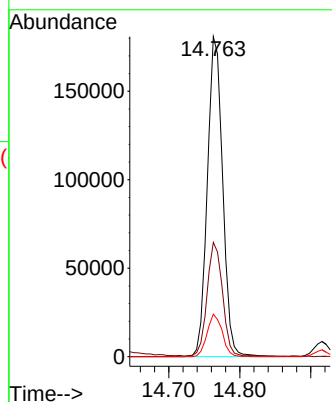
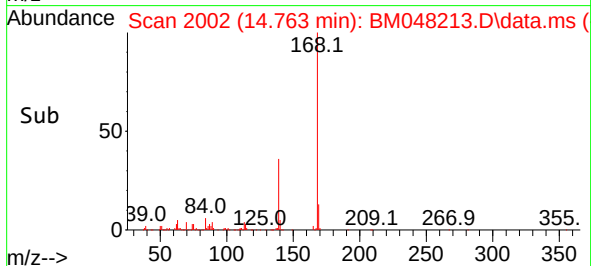
169 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#56

4-Nitrophenol

Concen: 4.008 ng

RT: 14.610 min Scan# 1976

Delta R.T. 0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

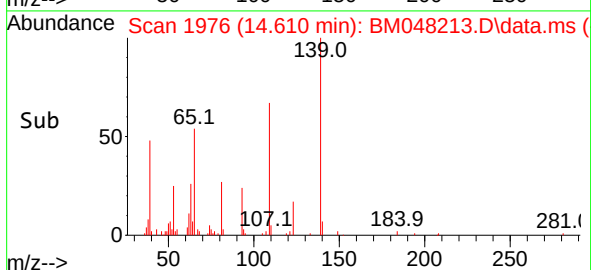
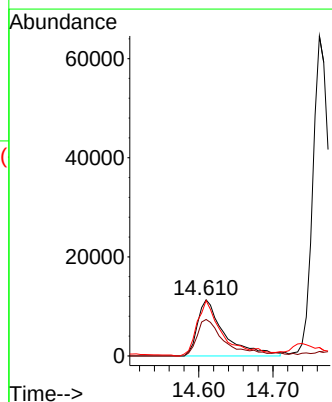
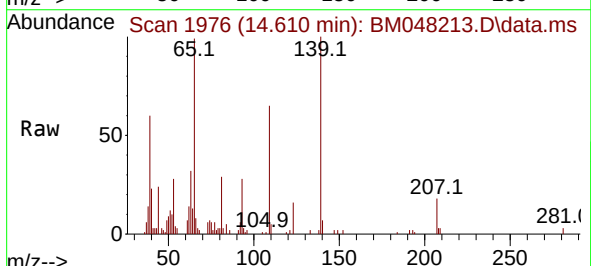
Tgt Ion:139 Resp: 28321

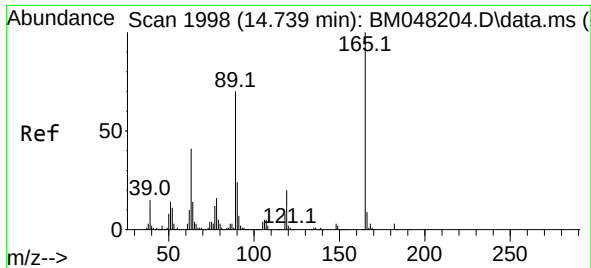
Ion Ratio Lower Upper

139 100

109 64.9 45.4 85.4

65 98.6 67.3 107.3





#57

2,4-Dinitrotoluene

Concen: 4.799 ng

RT: 14.739 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

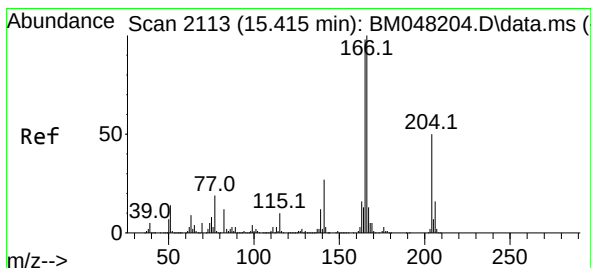
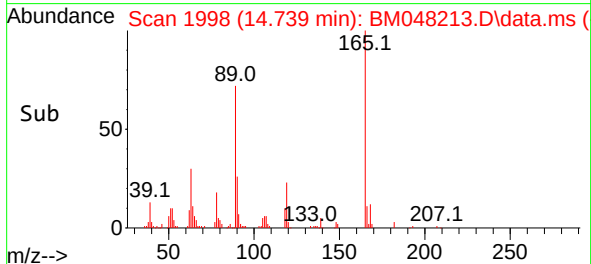
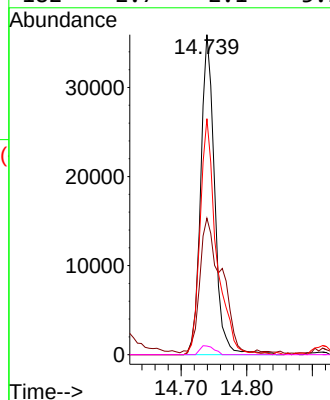
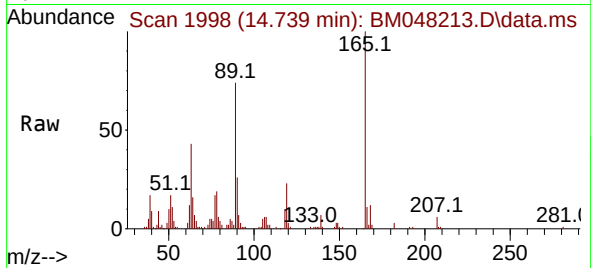
Tgt Ion:165	Resp:	5320
Ion Ratio	Lower	Upper
165	100	
63	42.6	33.0 49.4
89	73.8	55.8 83.6
182	2.7	2.1 3.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#58

Fluorene

Concen: 5.927 ng

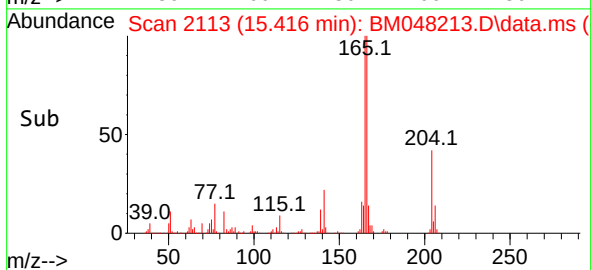
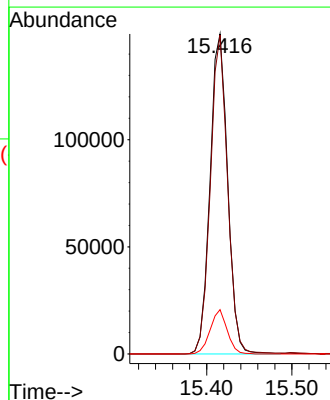
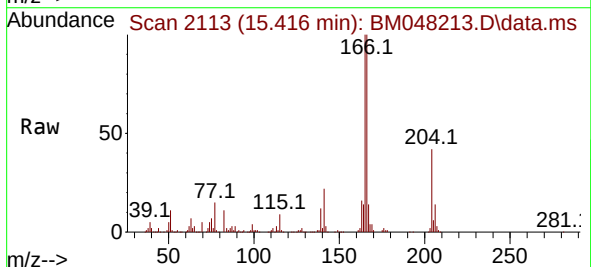
RT: 15.416 min Scan# 2113

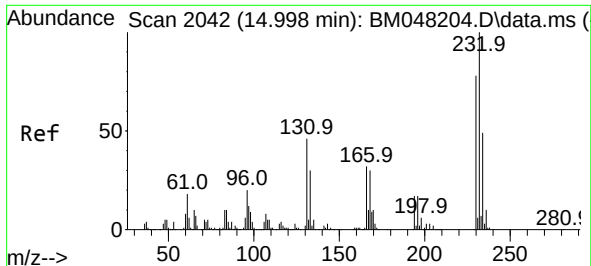
Delta R.T. 0.000 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Tgt Ion:166	Resp:	214144
Ion Ratio	Lower	Upper
166	100	
165	99.7	78.4 117.6
167	13.9	10.8 16.2





#59

2,3,4,6-Tetrachlorophenol

Concen: 5.583 ng

RT: 14.998 min Scan# 2042

Delta R.T. 0.000 min

Lab File: BM048213.D

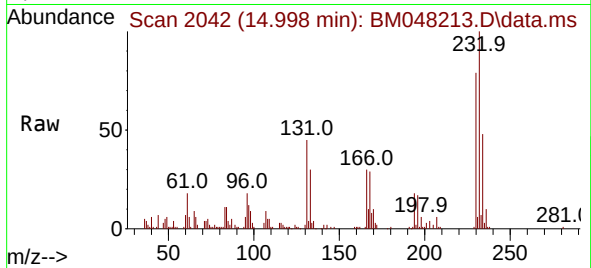
Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 53939

Ion Ratio Lower Upper

232 100

131 45.3 35.5 53.3

130 2.3 1.8 2.6

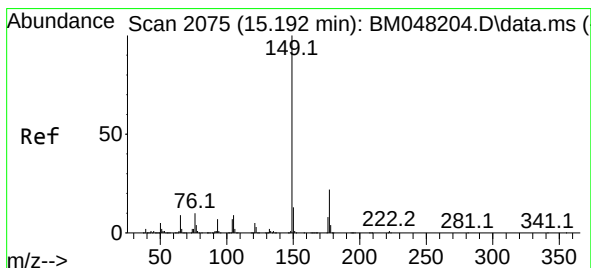
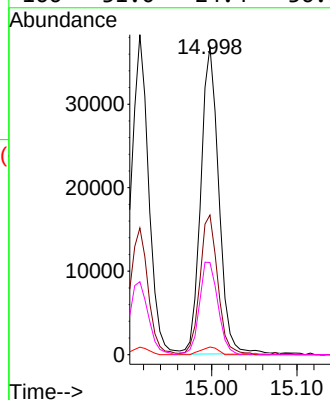
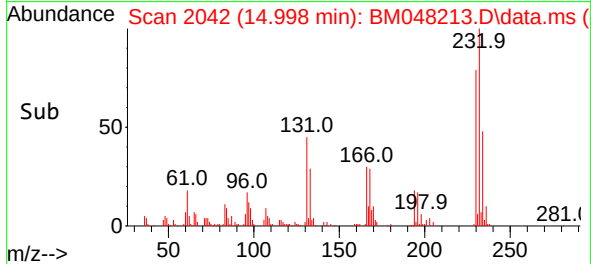
166 31.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#60

Diethylphthalate

Concen: 5.617 ng

RT: 15.186 min Scan# 2074

Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

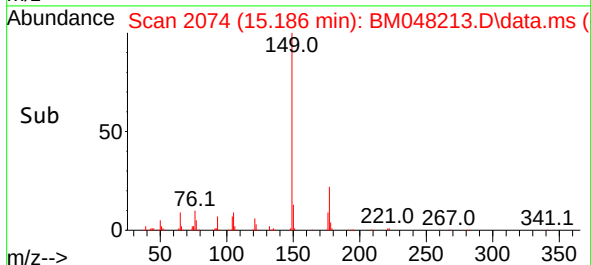
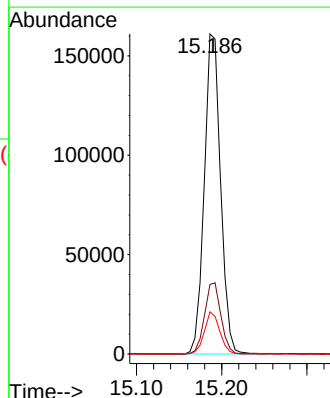
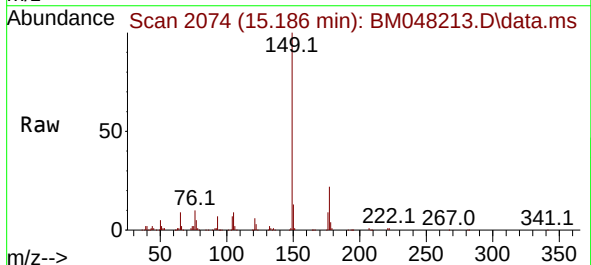
Tgt Ion:149 Resp: 213954

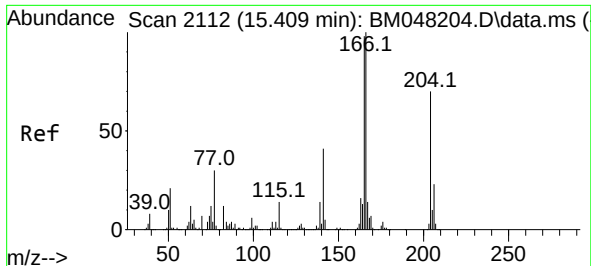
Ion Ratio Lower Upper

149 100

177 21.7 17.5 26.3

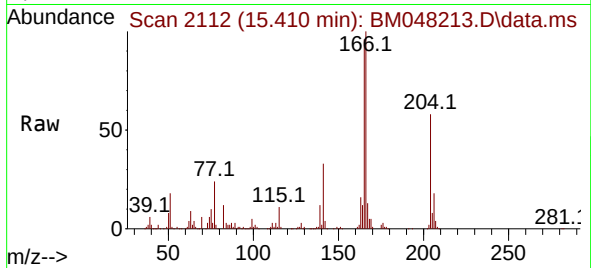
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 5.857 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

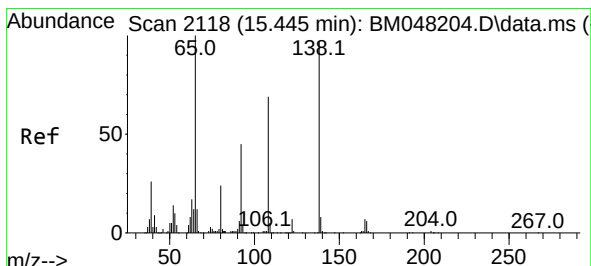
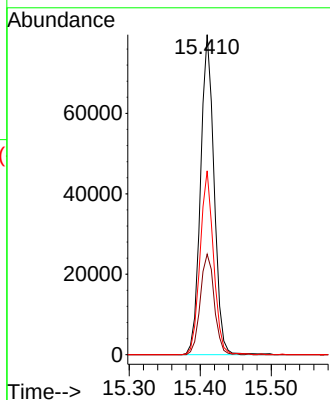
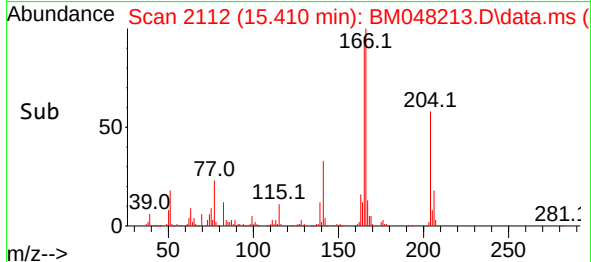
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:204 Resp: 105800
Ion Ratio Lower Upper
204 100
206 31.4 26.2 39.4
141 57.5 47.0 70.6

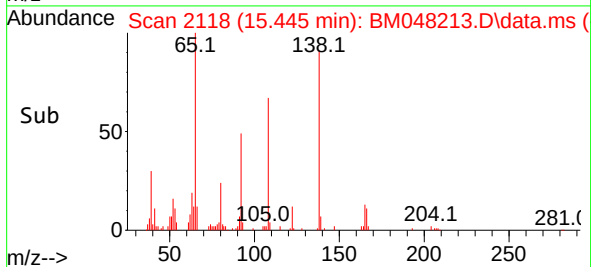
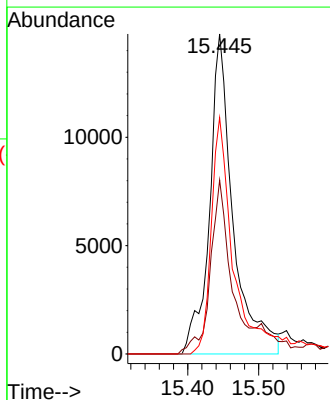
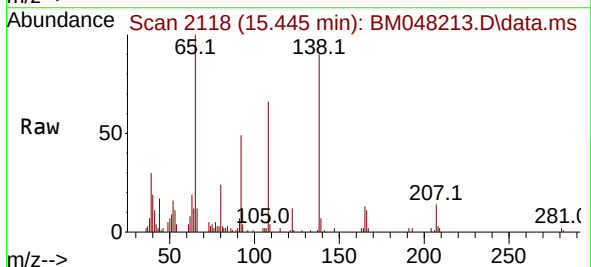
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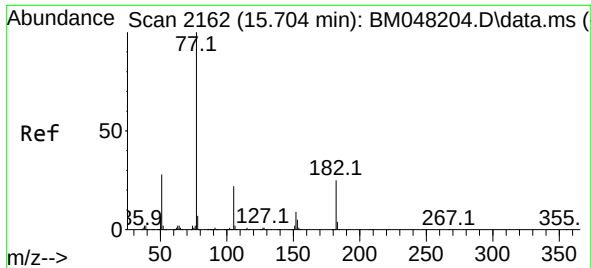
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#62
4-Nitroaniline
Concen: 4.169 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

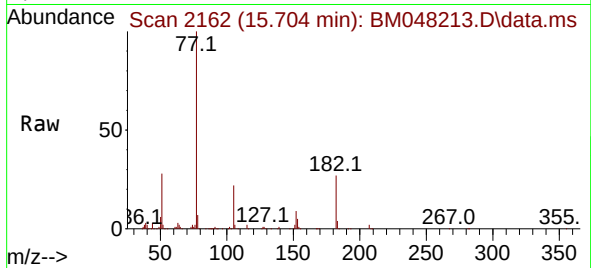
Tgt Ion:138 Resp: 34156
Ion Ratio Lower Upper
138 100
92 54.4 26.9 66.9
108 73.9 51.3 91.3





#63
Azobenzene
Concen: 5.611 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

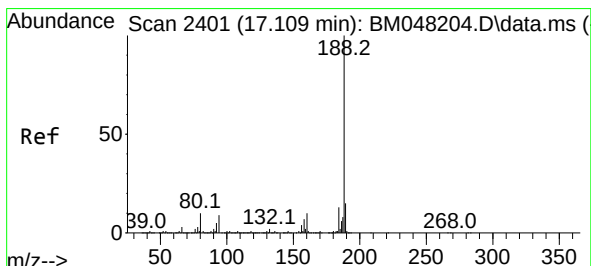
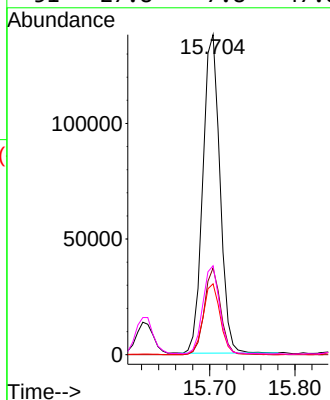
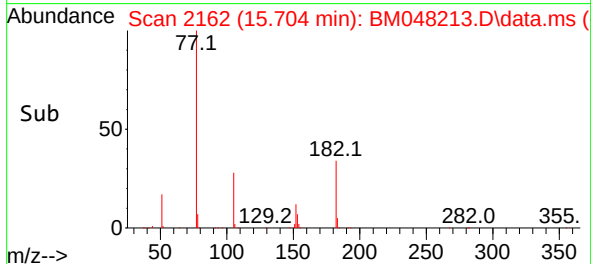
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 191554
Ion Ratio Lower Upper
77 100
182 27.1 5.3 45.3
105 22.1 1.6 41.6
51 27.8 7.8 47.8

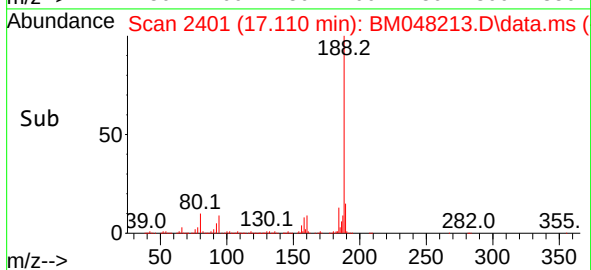
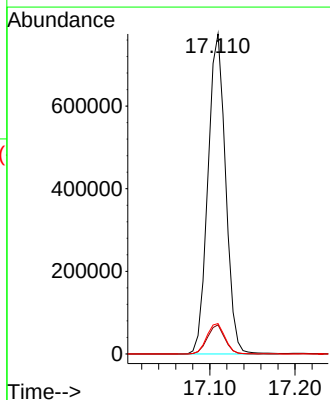
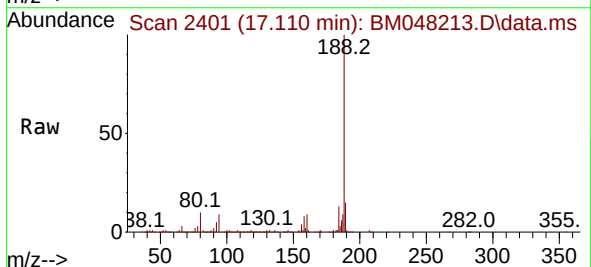
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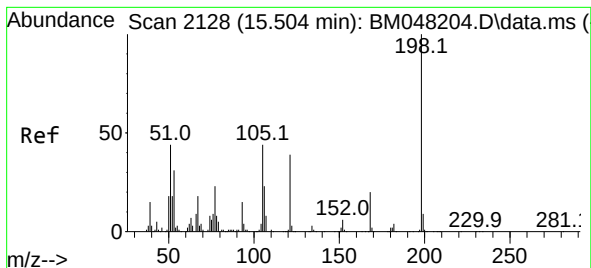
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.110 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

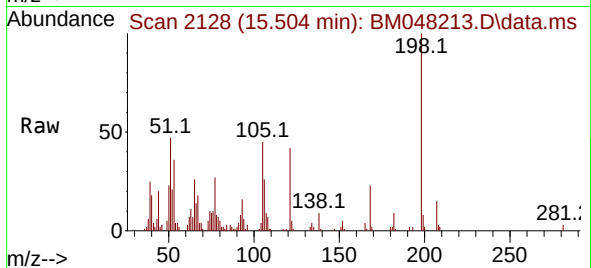
Tgt Ion:188 Resp: 1116185
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 9.5 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 4.355 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

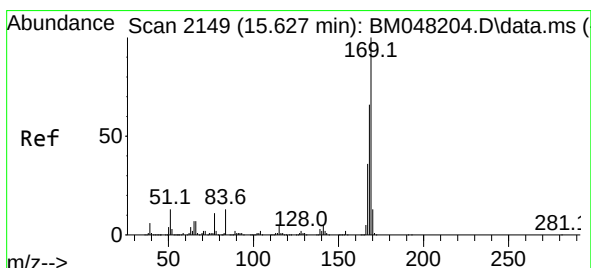
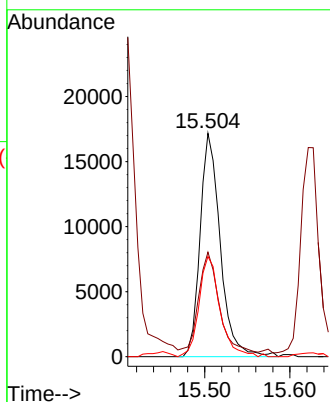
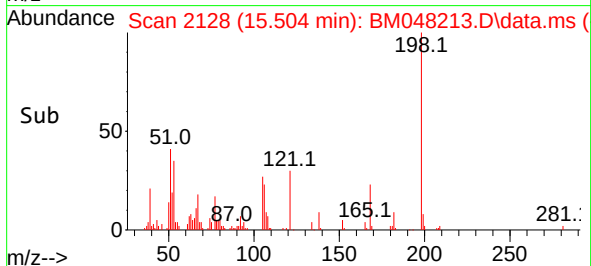
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:198 Resp: 28204
Ion Ratio Lower Upper
198 100
51 46.7 25.4 65.4
105 44.8 23.9 63.9

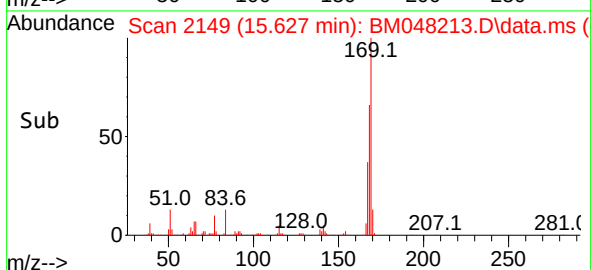
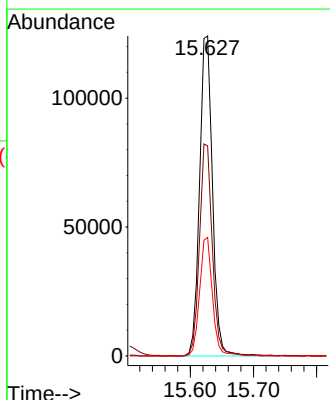
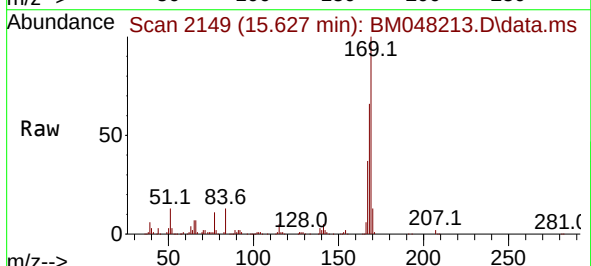
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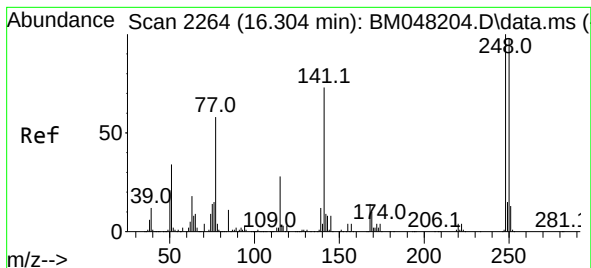
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#66
n-Nitrosodiphenylamine
Concen: 5.775 ng
RT: 15.627 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

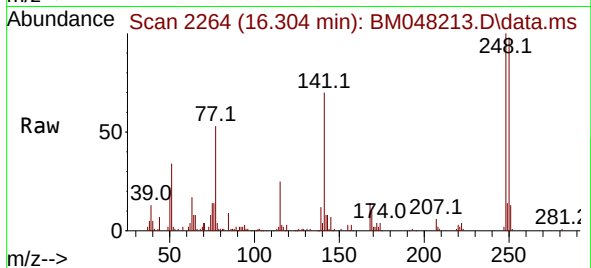
Tgt Ion:169 Resp: 176957
Ion Ratio Lower Upper
169 100
168 65.7 52.9 79.3
167 37.1 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 5.572 ng
RT: 16.304 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

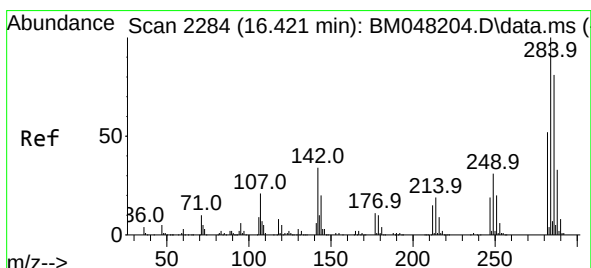
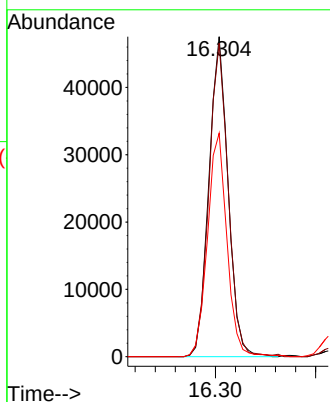
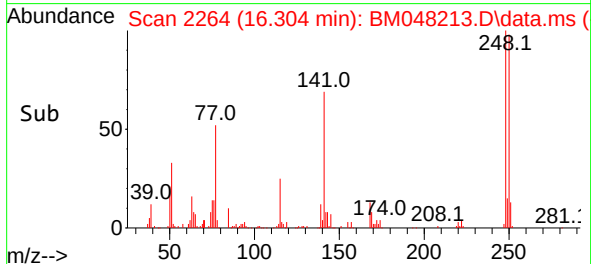
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



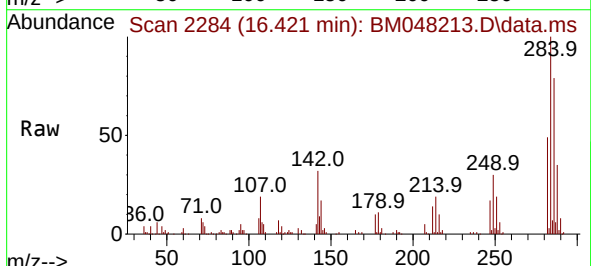
Tgt Ion:248 Resp: 6305
Ion Ratio Lower Upper
248 100
250 97.9 78.3 117.5
141 69.8 58.0 87.0

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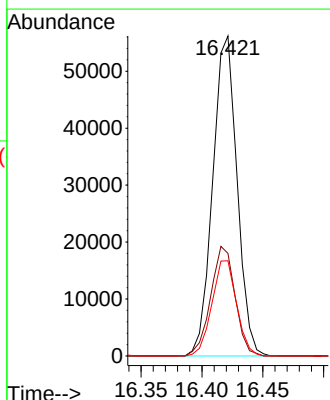
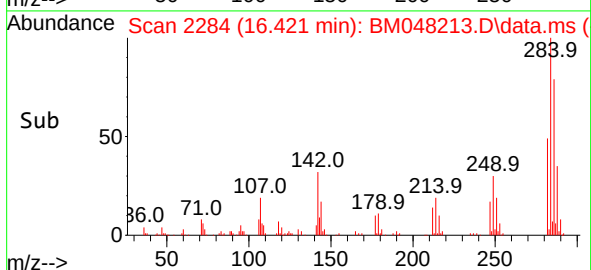
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

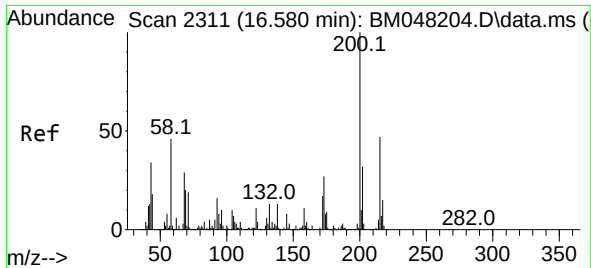


#68
Hexachlorobenzene
Concen: 5.750 ng
RT: 16.421 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



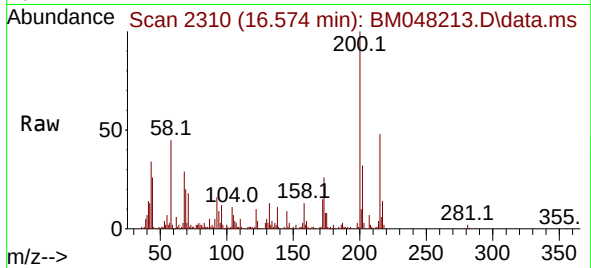
Tgt Ion:284 Resp: 78151
Ion Ratio Lower Upper
284 100
142 32.1 27.0 40.4
249 29.8 24.6 36.8





#69
 Atrazine
 Concen: 6.923 ng
 RT: 16.574 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

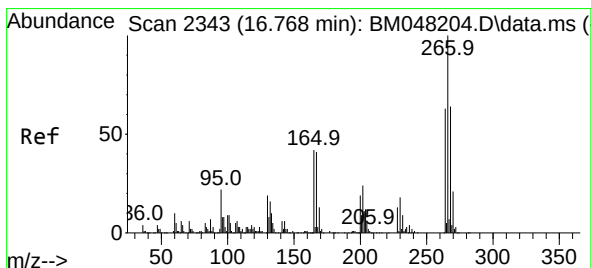
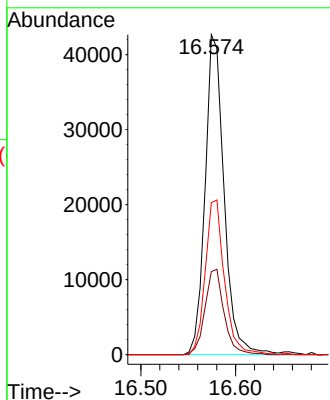
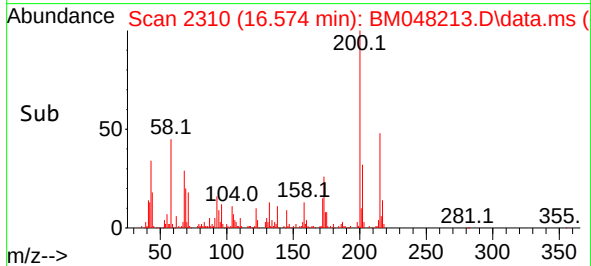
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:200 Resp: 59358
 Ion Ratio Lower Upper
 200 100
 173 25.9 6.5 46.5
 215 47.5 27.2 67.2

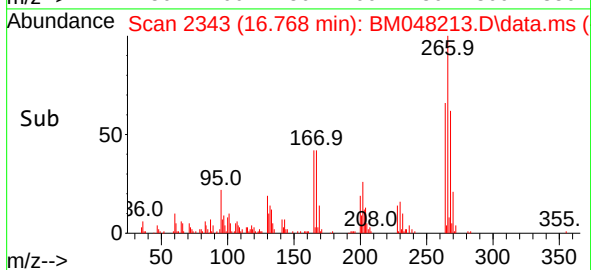
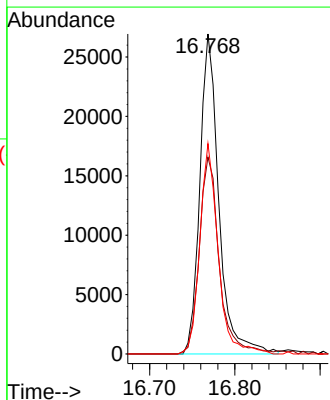
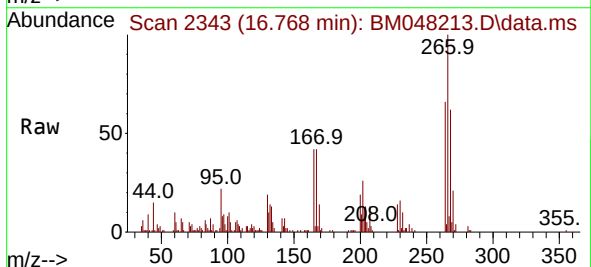
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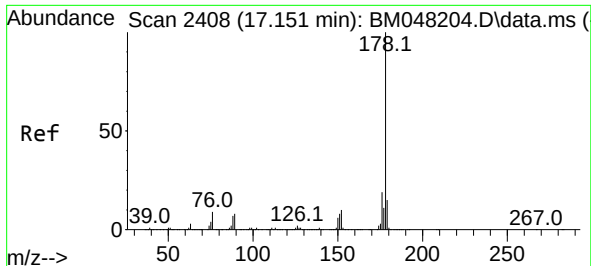
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#70
 Pentachlorophenol
 Concen: 4.679 ng
 RT: 16.768 min Scan# 2343
 Delta R.T. 0.000 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

Tgt Ion:266 Resp: 41755
 Ion Ratio Lower Upper
 266 100
 268 61.5 50.8 76.2
 264 65.8 50.2 75.2





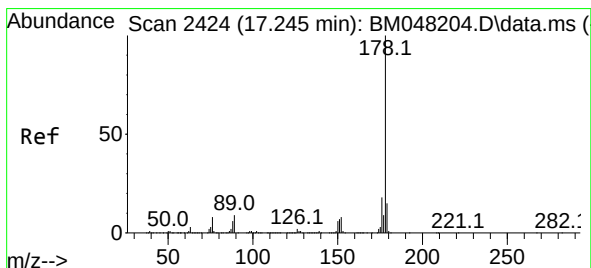
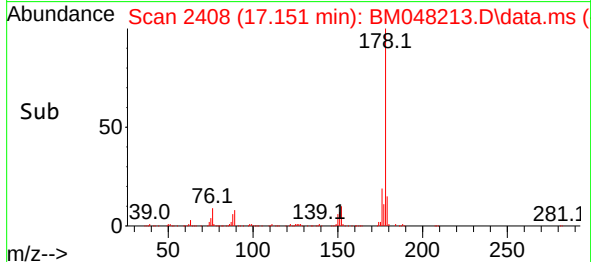
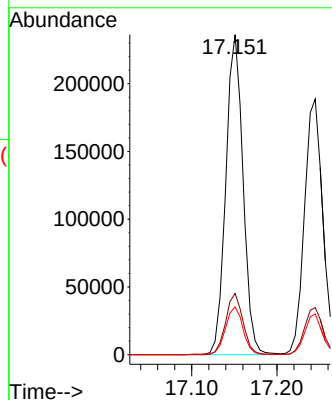
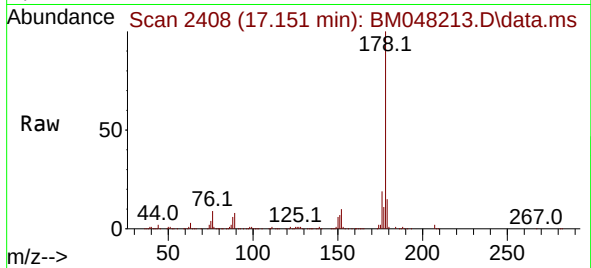
#71
Phenanthrene
Concen: 6.007 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

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

Tgt Ion:178 Resp: 33202
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 14.9 12.4 18.6

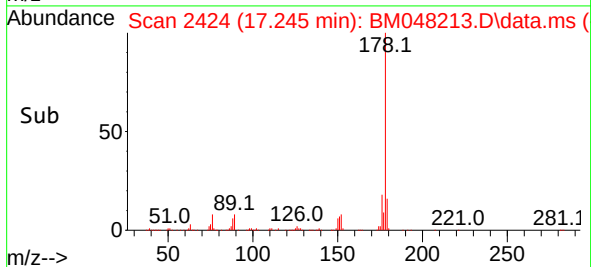
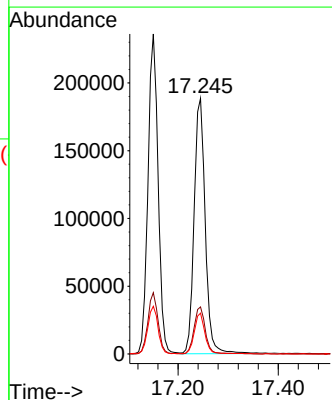
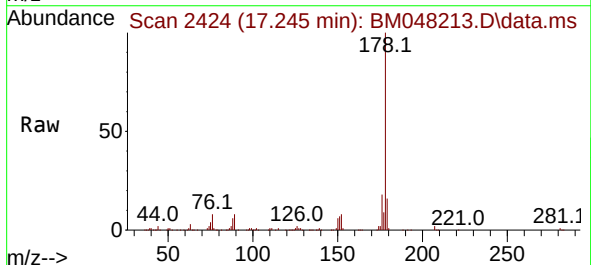
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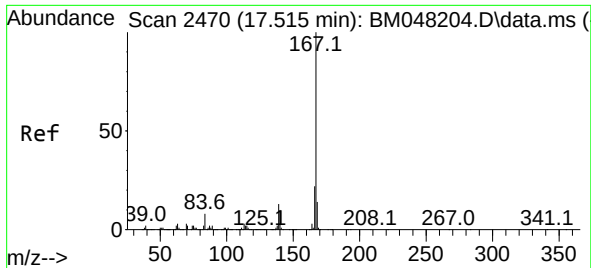
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#72
Anthracene
Concen: 5.419 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

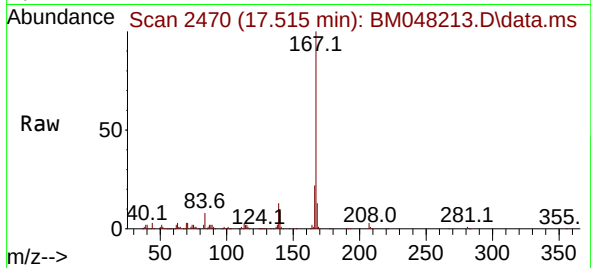
Tgt Ion:178 Resp: 289959
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 16.0 12.2 18.2





#73
 Carbazole
 Concen: 5.511 ng
 RT: 17.515 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

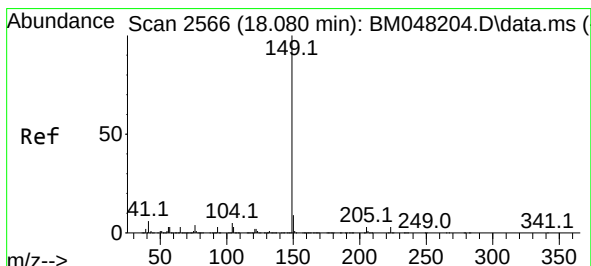
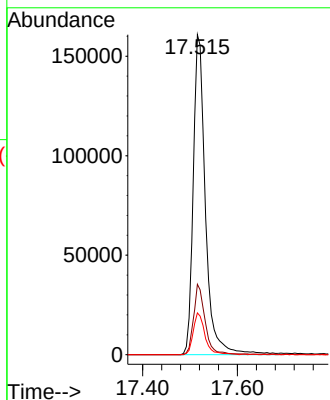
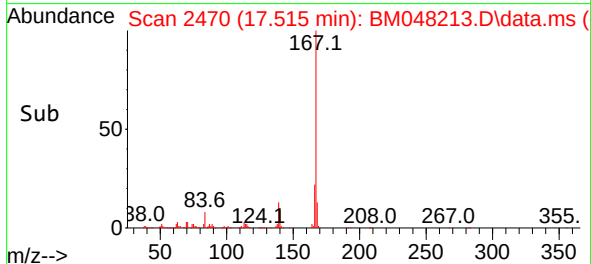
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:167 Resp: 28905
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.0 10.4 15.6

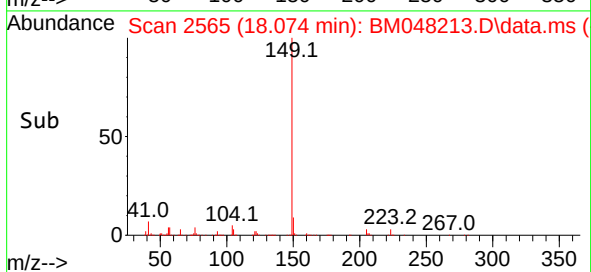
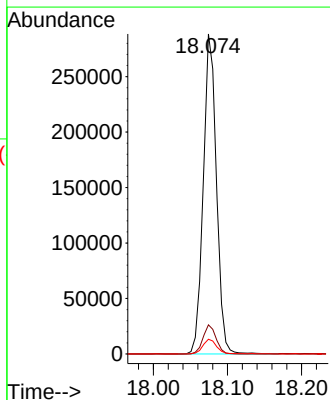
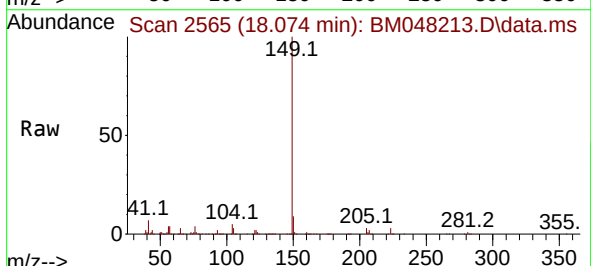
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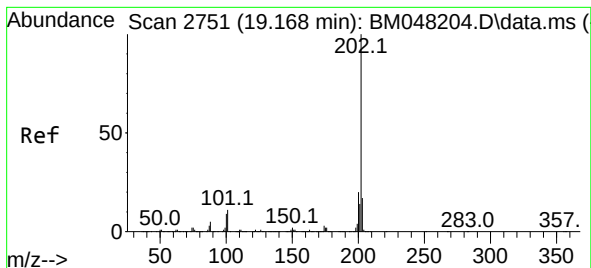
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#74
 Di-n-butylphthalate
 Concen: 5.456 ng
 RT: 18.074 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

Tgt Ion:149 Resp: 356182
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.2 10.8
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 5.525 ng

RT: 19.168 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048213.D

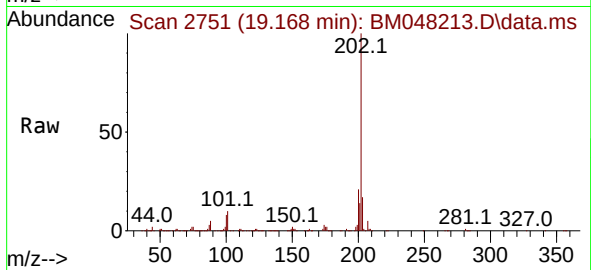
Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



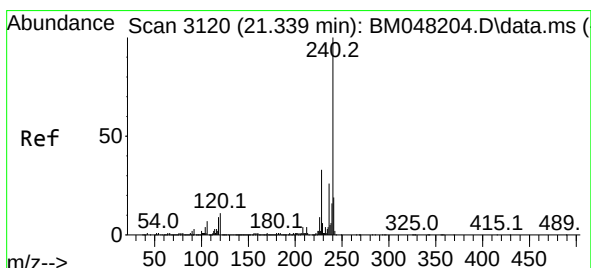
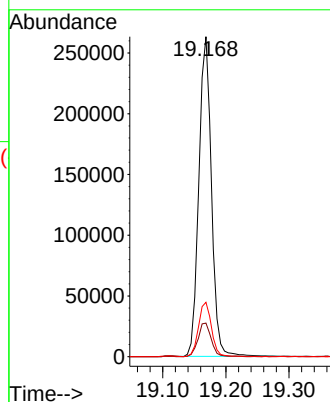
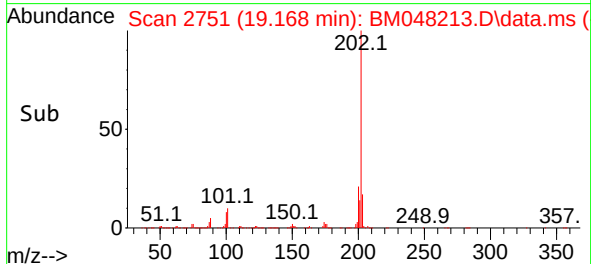
Tgt Ion:	202	Resp:	364278
Ion Ratio	Lower	Upper	
202	100		
101	10.5	0.0	31.0
203	17.0	0.0	37.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#76

Chrysene-d12

Concen: 20.000 ng

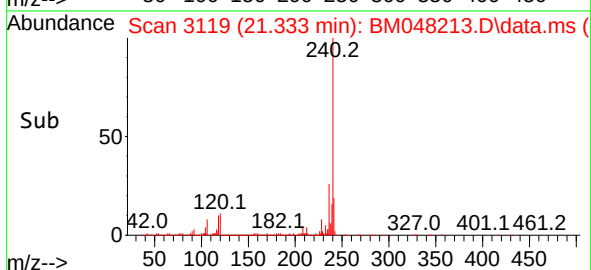
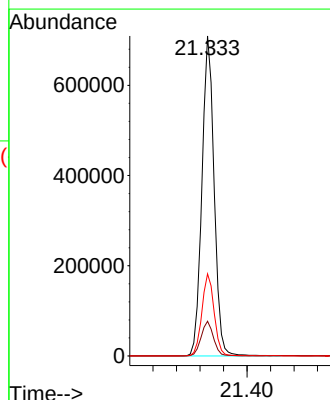
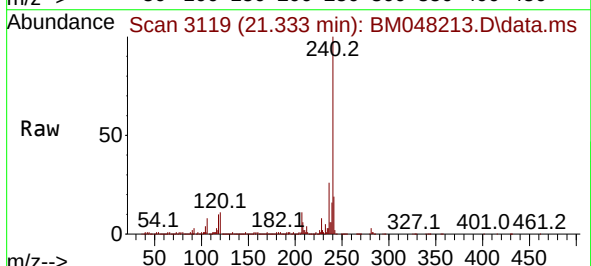
RT: 21.333 min Scan# 3119

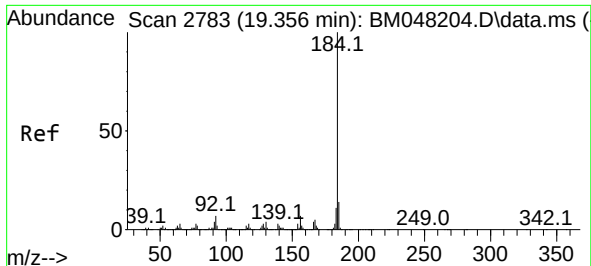
Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

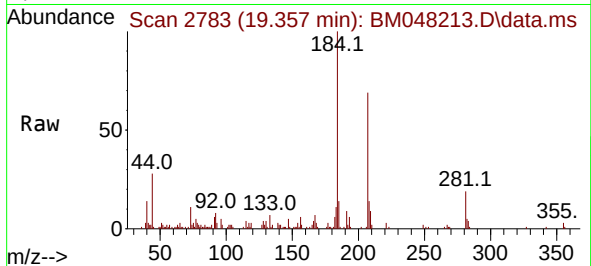
Tgt Ion:	240	Resp:	1020603
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.6	13.0
236	25.6	20.7	31.1





#77
Benzidine
Concen: 3.792 ng
RT: 19.357 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

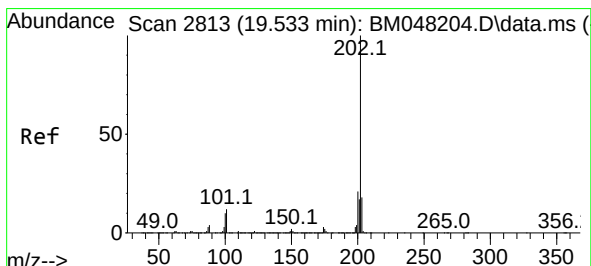
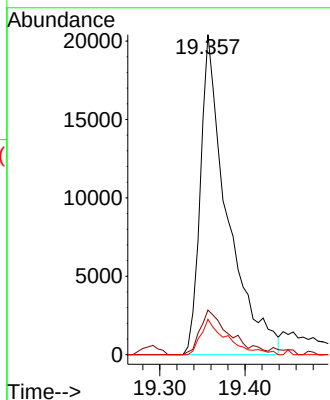
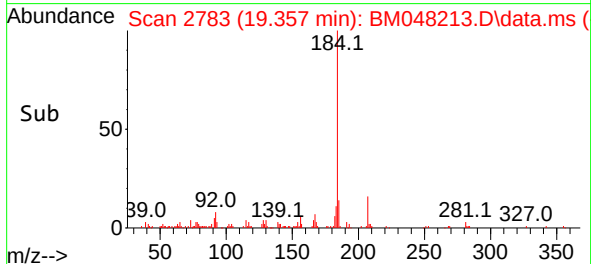
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



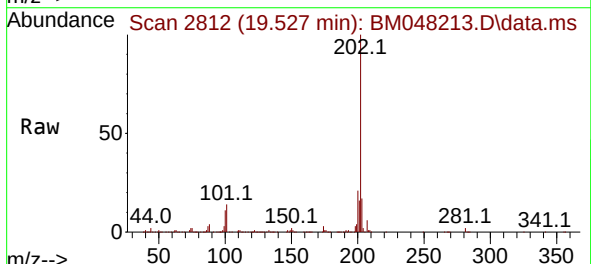
Tgt Ion:184 Resp: 44662
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.0 9.0 13.4

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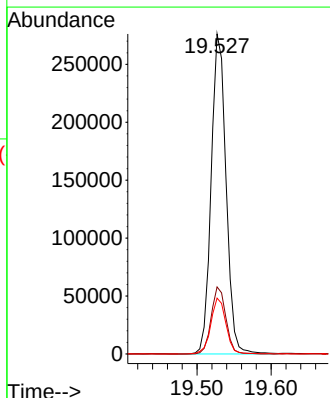
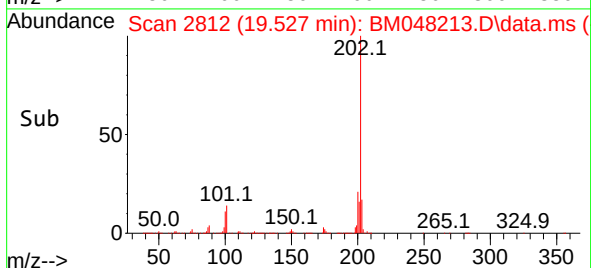
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

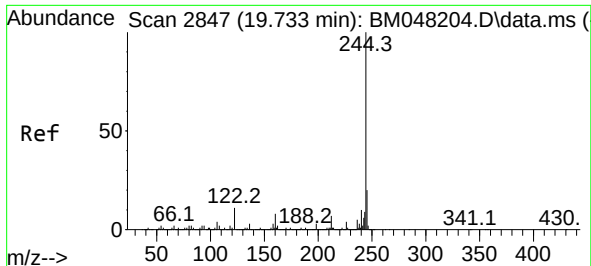


#78
Pyrene
Concen: 5.650 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29



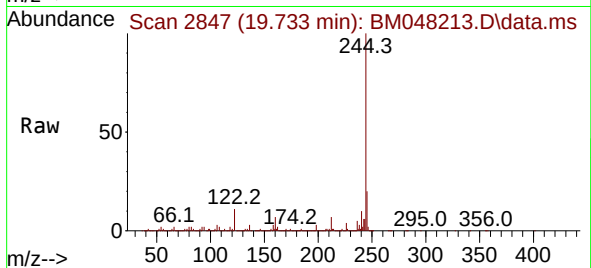
Tgt Ion:202 Resp: 385964
Ion Ratio Lower Upper
202 100
200 21.0 16.9 25.3
203 17.4 14.1 21.1





#79
 Terphenyl-d14
 Concen: 78.193 ng
 RT: 19.733 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

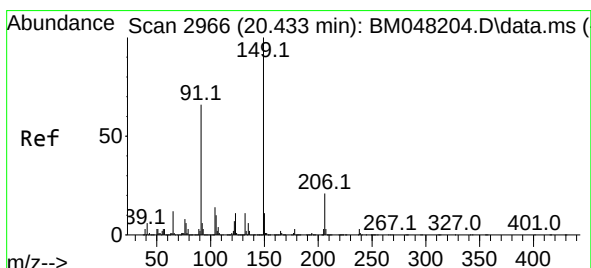
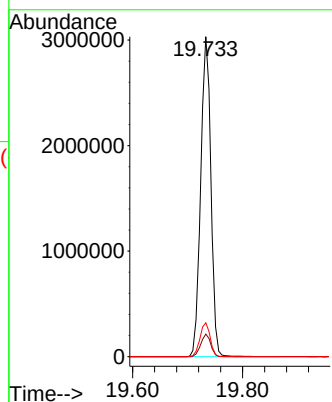
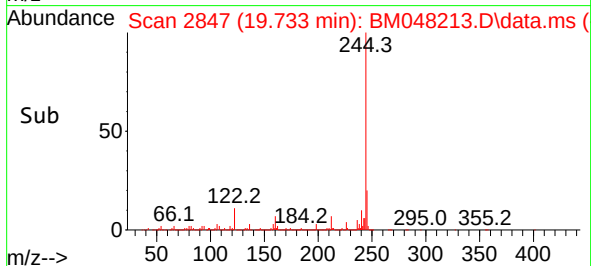
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 391056
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.6 8.8 13.2

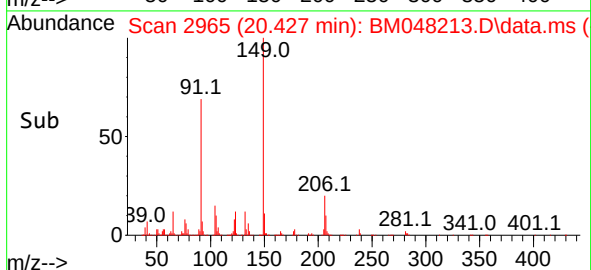
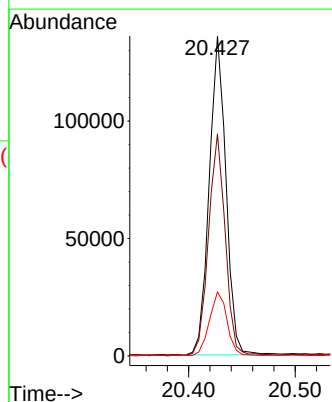
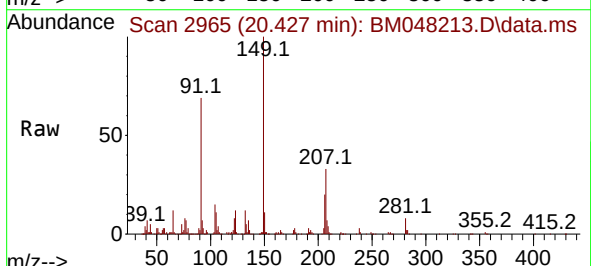
Manual Integrations
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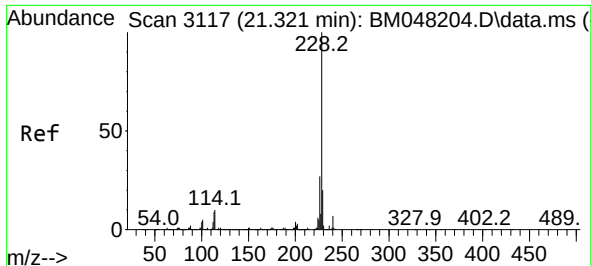
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#80
 Butylbenzylphthalate
 Concen: 5.184 ng
 RT: 20.427 min Scan# 2965
 Delta R.T. -0.006 min
 Lab File: BM048213.D
 Acq: 24 Oct 2024 12:29

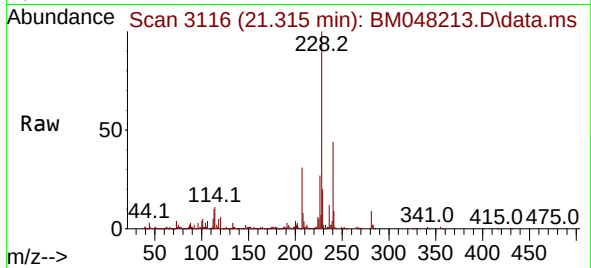
Tgt Ion:149 Resp: 148089
 Ion Ratio Lower Upper
 149 100
 91 69.4 52.5 78.7
 206 20.0 17.0 25.6





#81
Benzo(a)anthracene
Concen: 5.745 ng
RT: 21.315 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

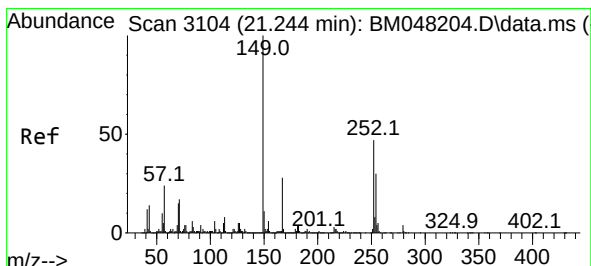
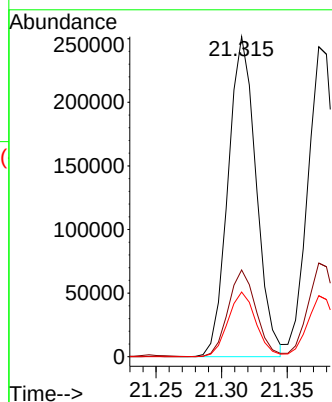
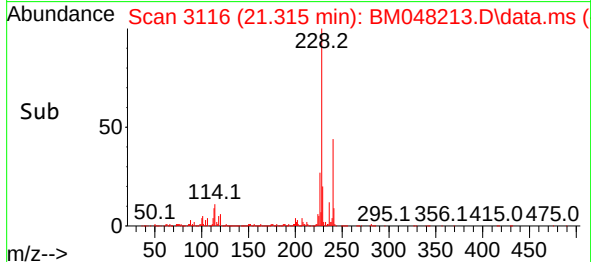
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:228 Resp: 37470
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 20.2 15.7 23.5

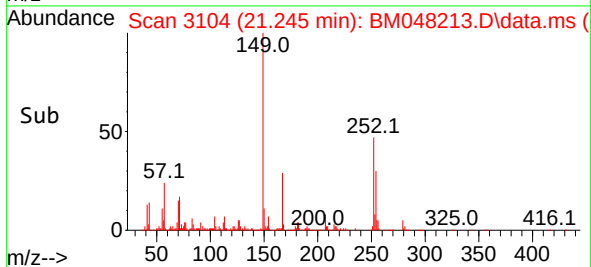
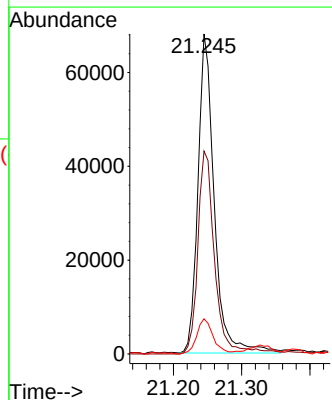
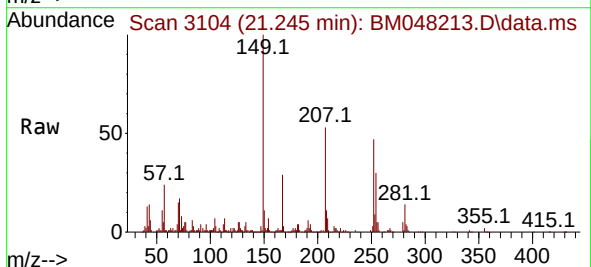
Manual Integrations
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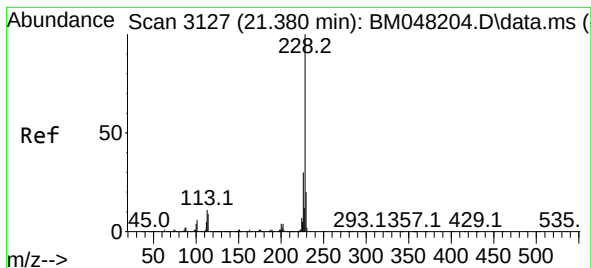
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 5.047 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:252 Resp: 112743
Ion Ratio Lower Upper
252 100
254 63.4 51.8 77.8
126 11.0 8.8 13.2





#83

Chrysene

Concen: 5.916 ng

RT: 21.374 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

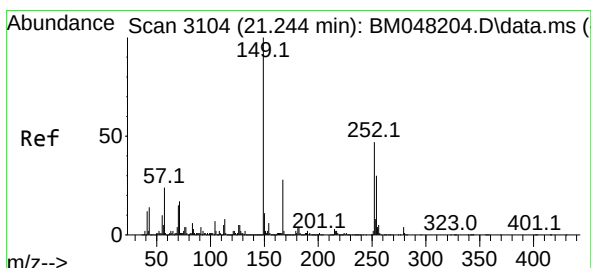
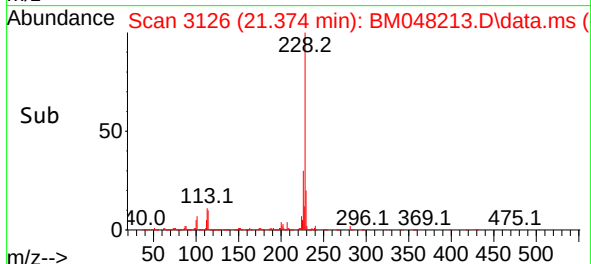
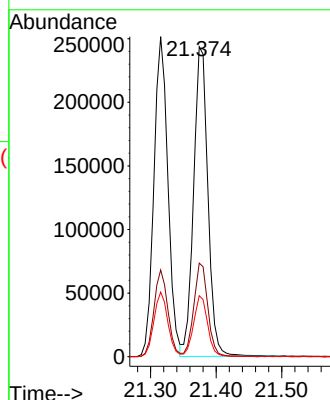
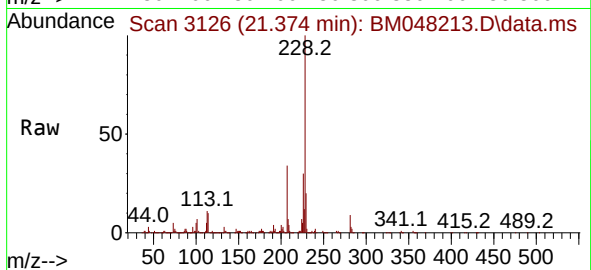
ClientSampleId :

LOQ-WATER-02-QT4-2024

Tgt Ion:228 Resp: 370350
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.5 35.3
 229 19.7 15.7 23.5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.297 ng

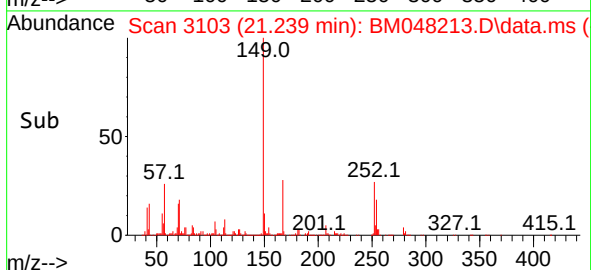
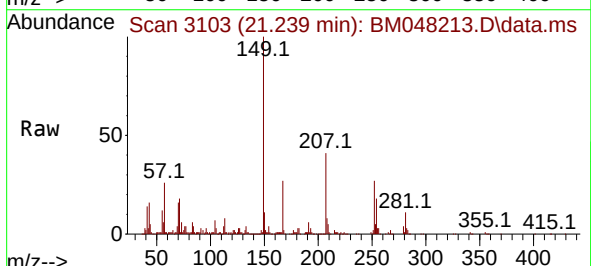
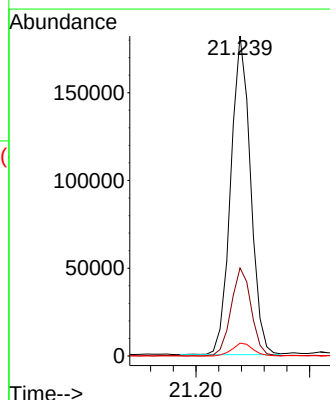
RT: 21.239 min Scan# 3103

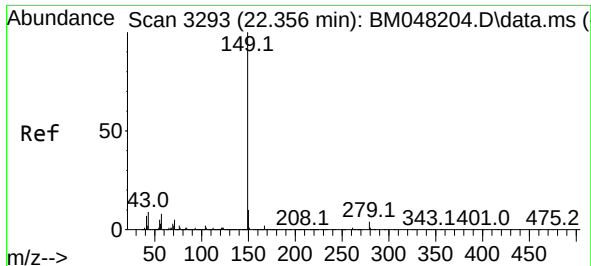
Delta R.T. -0.006 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

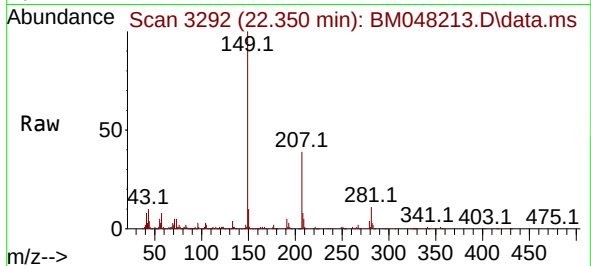
Tgt Ion:149 Resp: 219943
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.5 33.7
 279 4.0 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 4.808 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

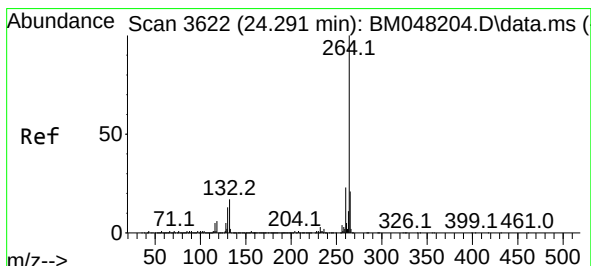
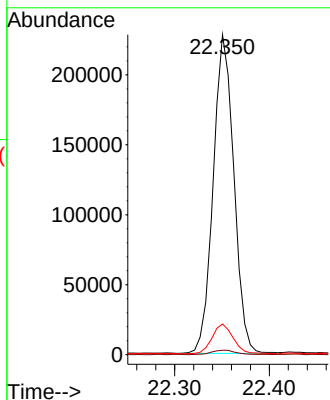
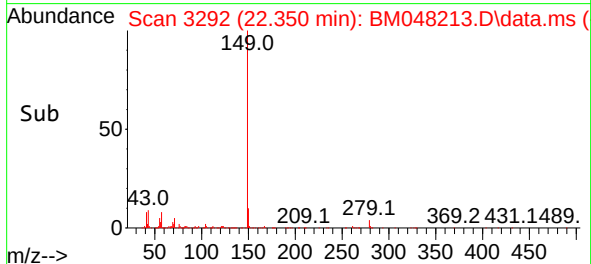
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:149 Resp: 34572
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 9.5 7.3 10.9

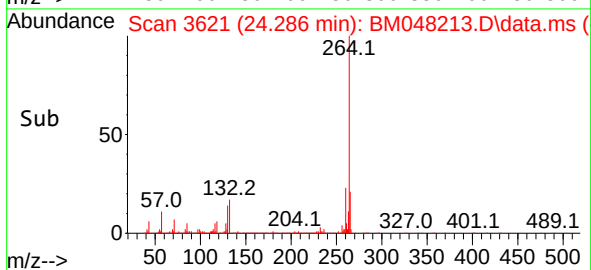
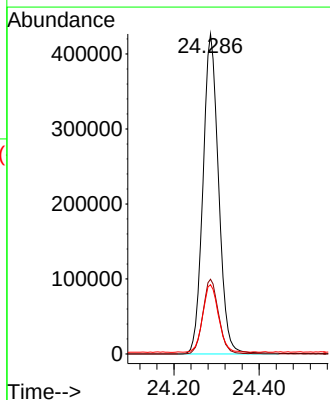
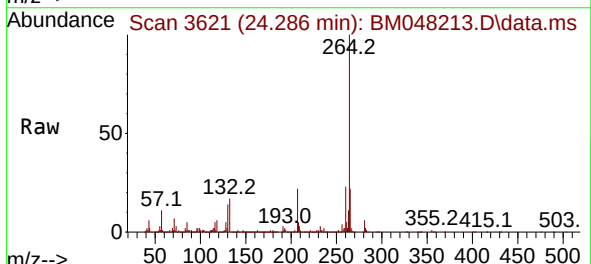
Manual Integrations
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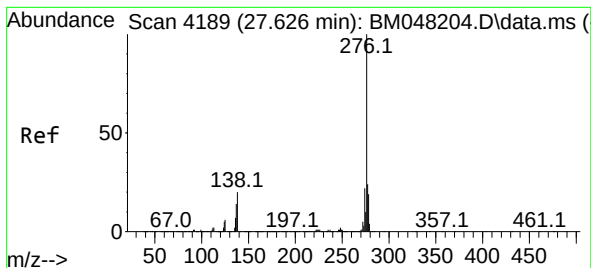
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.286 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:264 Resp: 1083068
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.901 ng

RT: 27.609 min Scan# 41

Delta R.T. -0.017 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

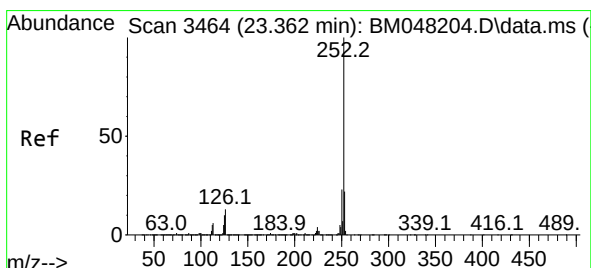
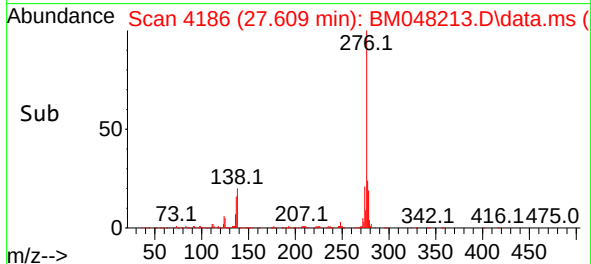
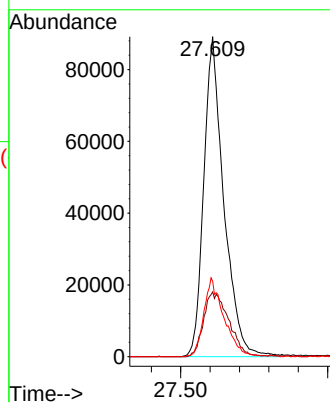
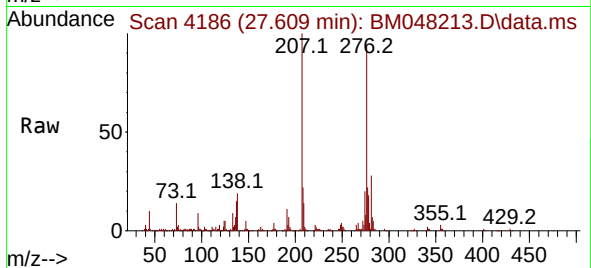
Tgt Ion:276 Resp: 42263
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.8 29.6
 277 24.8 20.0 30.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#88

Benzo(b)fluoranthene

Concen: 5.877 ng

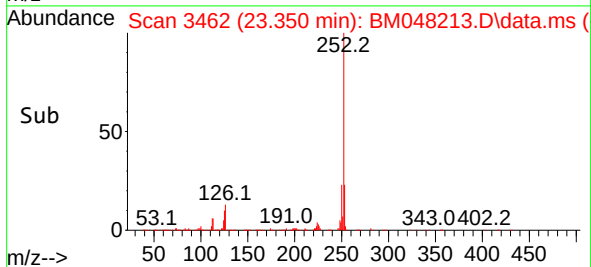
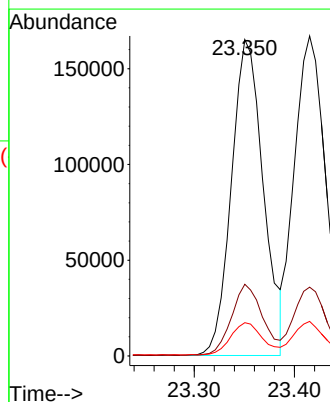
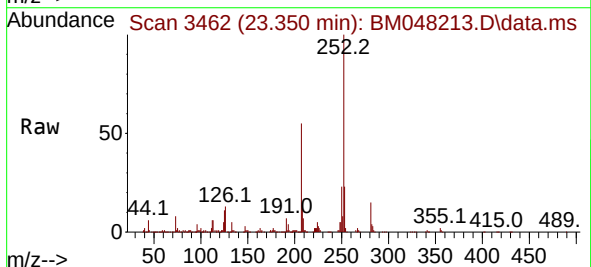
RT: 23.350 min Scan# 3462

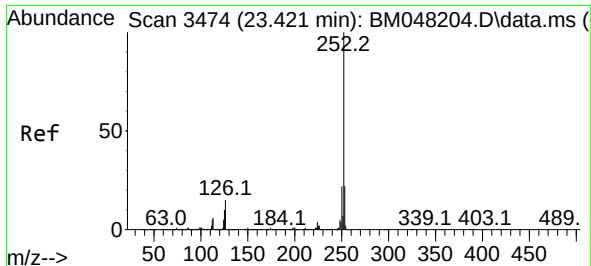
Delta R.T. -0.012 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

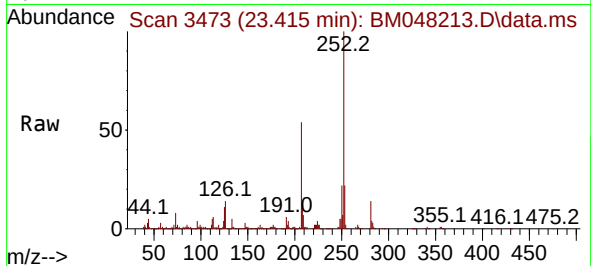
Tgt Ion:252 Resp: 364973
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.8 26.6
 125 10.5 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 6.103 ng
RT: 23.415 min Scan# 34
Delta R.T. -0.006 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

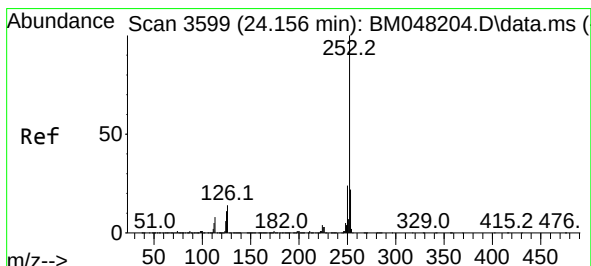
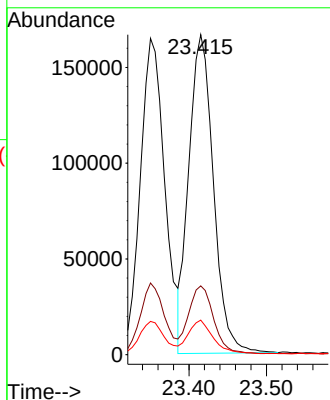
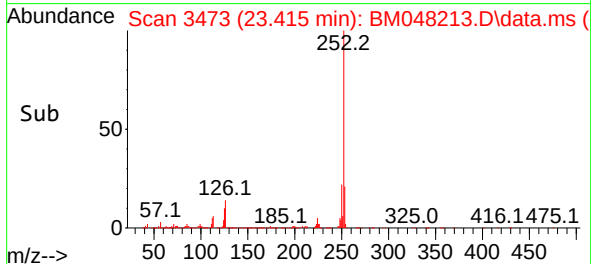
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 366404
Ion Ratio Lower Upper
252 100
253 21.5 17.8 26.8
125 10.8 7.8 11.6

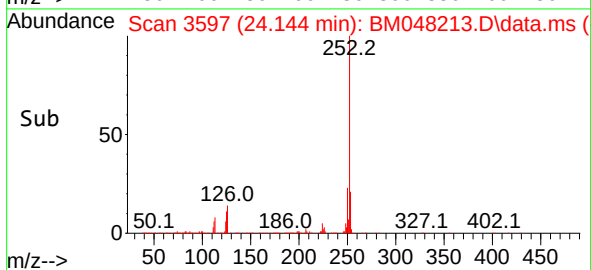
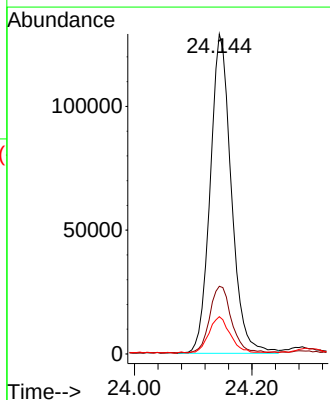
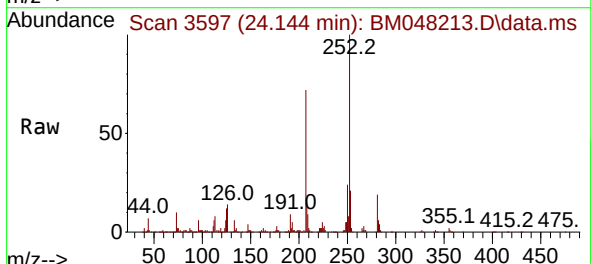
Manual Integrations
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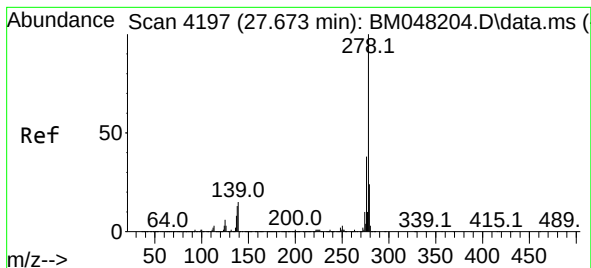
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#90
Benzo(a)pyrene
Concen: 5.963 ng
RT: 24.144 min Scan# 3597
Delta R.T. -0.012 min
Lab File: BM048213.D
Acq: 24 Oct 2024 12:29

Tgt Ion:252 Resp: 321929
Ion Ratio Lower Upper
252 100
253 21.2 17.3 25.9
125 11.7 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.832 ng

RT: 27.656 min Scan# 4194

Delta R.T. -0.017 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

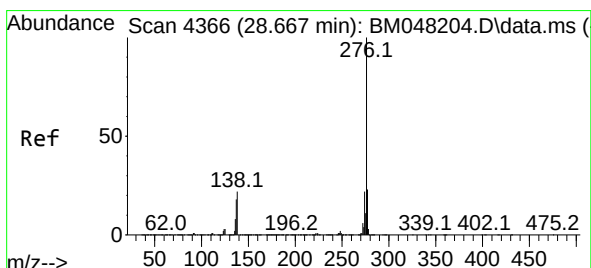
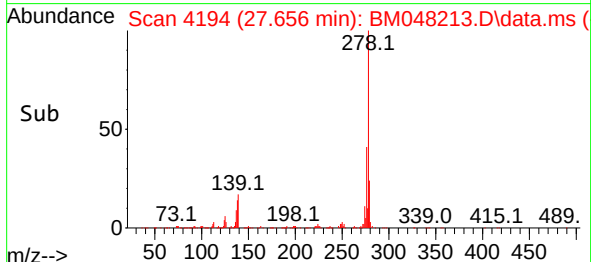
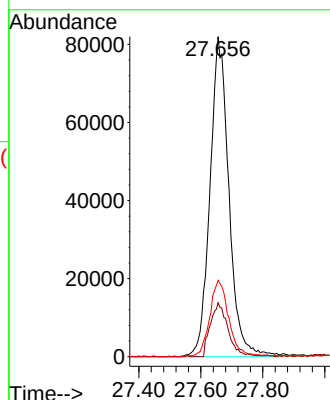
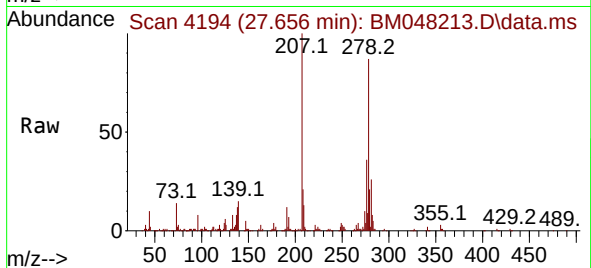
Tgt Ion:	278	Resp:	34784
Ion Ratio	Lower	Upper	
278	100		
139	16.8	12.2	18.4
279	23.8	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#92

Benzo(g,h,i)perylene

Concen: 5.480 ng

RT: 28.644 min Scan# 4362

Delta R.T. -0.023 min

Lab File: BM048213.D

Acq: 24 Oct 2024 12:29

Tgt Ion:	276	Resp:	334699
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.5	27.7
138	23.1	17.5	26.3

