

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048220.D
 Acq On : 24 Oct 2024 17:08
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-05 ng
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Oct 24 17:44:19 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	7.716	152	197964	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	798264	20.000	ng	0.00
39) Acenaphthene-d10	14.363	164	508785	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1023122	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1004888	20.000	ng	0.00
86) Perylene-d12	24.286	264	1104440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1149366	97.594	ng	0.00
7) Phenol-d6	6.898	99	1504128	98.069	ng	0.00
23) Nitrobenzene-d5	8.875	82	1013067	71.656	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	626145	100.544	ng	0.00
45) 2-Fluorobiphenyl	12.980	172	2363797	71.292	ng	0.00
79) Terphenyl-d14	19.733	244	3367148	68.380	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.205	88	24714	5.127	ng	97
3) Pyridine	3.616	79	55594	4.341	ng	97
4) n-Nitrosodimethylamine	3.516	42	27505	5.059	ng	# 87
6) Aniline	7.051	93	80714	6.340	ng	99
8) 2-Chlorophenol	7.287	128	66138	5.169	ng	96
9) Benzaldehyde	6.863	77	53494m	7.099	ng	
10) Phenol	6.922	94	81176	5.261	ng	93
11) bis(2-Chloroethyl)ether	7.146	93	62548	5.089	ng	99
12) 1,3-Dichlorobenzene	7.604	146	74277	5.035	ng	99
13) 1,4-Dichlorobenzene	7.751	146	75353	5.028	ng	100
14) 1,2-Dichlorobenzene	8.069	146	73143	5.050	ng	99
15) Benzyl Alcohol	7.969	79	46259	4.728	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	96511	5.368	ng	98
17) 2-Methylphenol	8.169	107	47998	4.681	ng	99
18) Hexachloroethane	8.792	117	26487	4.822	ng	95
19) n-Nitroso-di-n-propyla...	8.522	70	46817	4.825	ng	98
20) 3+4-Methylphenols	8.504	107	63451	4.467	ng	99
22) Acetophenone	8.540	105	99061	5.085	ng	98
24) Nitrobenzene	8.916	77	72454	4.946	ng	98
25) Isophorone	9.445	82	129047	4.980	ng	98
26) 2-Nitrophenol	9.634	139	29733	4.396	ng	98
27) 2,4-Dimethylphenol	9.704	122	23876	2.910	ng	89
28) bis(2-Chloroethoxy)met...	9.928	93	79124	4.825	ng	99
29) 2,4-Dichlorophenol	10.181	162	52403	4.439	ng	94
30) 1,2,4-Trichlorobenzene	10.375	180	66350	4.908	ng	97
31) Naphthalene	10.557	128	208519	5.008	ng	99
32) Benzoic acid	9.787	122	31754m	3.476	ng	
33) 4-Chloroaniline	10.686	127	68798	5.095	ng	98
34) Hexachlorobutadiene	10.845	225	39410	4.703	ng	97
35) Caprolactam	11.463	113	16069	4.191	ng	94
36) 4-Chloro-3-methylphenol	11.816	107	55442	4.499	ng	97
37) 2-Methylnaphthalene	12.175	142	136634	4.912	ng	97
38) 1-Methylnaphthalene	12.398	142	131295	4.760	ng	98
40) 1,2,4,5-Tetrachloroben...	12.551	216	73118	5.028	ng	99
41) Hexachlorocyclopentadiene	12.528	237	7048	1.432	ng	93
43) 2,4,6-Trichlorophenol	12.798	196	42897	4.445	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	47963	4.457	ng	99
46) 1,1'-Biphenyl	13.192	154	192948	5.312	ng	99
47) 2-Chloronaphthalene	13.233	162	141191	4.930	ng	99
48) 2-Nitroaniline	13.451	65	33359	4.294	ng	95
49) Acenaphthylene	14.086	152	220438	5.275	ng	99
50) Dimethylphthalate	13.822	163	176165	5.072	ng	98
51) 2,6-Dinitrotoluene	13.939	165	32948	4.251	ng	92
52) Acenaphthene	14.427	154	133036	5.011	ng	98
53) 3-Nitroaniline	14.280	138	31068	4.251	ng	99
54) 2,4-Dinitrophenol	14.492	184	13298	2.936	ng	96
55) Dibenzofuran	14.763	168	219852	5.212	ng	99
56) 4-Nitrophenol	14.616	139	21089	3.233	ng	90
57) 2,4-Dinitrotoluene	14.739	165	40583	3.965	ng	98
58) Fluorene	15.410	166	169517	5.082	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.998	232	44104	4.944	ng	98
60) Diethylphthalate	15.186	149	171899	4.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	84769	5.083	ng	98
62) 4-Nitroaniline	15.445	138	27733	3.666	ng	93
63) Azobenzene	15.698	77	154052	4.888	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	20511	3.455	ng	92
66) n-Nitrosodiphenylamine	15.621	169	139611	4.971	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	51331	4.948	ng	96
68) Hexachlorobenzene	16.415	284	62984	5.055	ng	99
69) Atrazine	16.574	200	47896	6.095	ng	92
70) Pentachlorophenol	16.768	266	33799	4.132	ng	96
71) Phenanthrene	17.151	178	270522	5.340	ng	99
72) Anthracene	17.239	178	230742	4.705	ng	100
73) Carbazole	17.515	167	230094	4.786	ng	99
74) Di-n-butylphthalate	18.074	149	286670	4.790	ng	100
75) Fluoranthene	19.168	202	300052	4.965	ng	99
77) Benzidine	19.356	184	45458	3.920	ng	99
78) Pyrene	19.527	202	322626	4.797	ng	99
80) Butylbenzylphthalate	20.427	149	125764	4.471	ng	99
81) Benzo(a)anthracene	21.315	228	319477	4.975	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	101074	4.595	ng	98
83) Chrysene	21.374	228	317707	5.154	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	194086	4.748	ng	99
85) Di-n-octyl phthalate	22.350	149	298107	4.211	ng	99
87) Indeno(1,2,3-cd)pyrene	27.603	276	381725	5.227	ng	100
88) Benzo(b)fluoranthene	23.350	252	321179	5.072	ng	98
89) Benzo(k)fluoranthene	23.415	252	319367	5.216	ng	98
90) Benzo(a)pyrene	24.144	252	285817	5.192	ng	100
91) Dibenzo(a,h)anthracene	27.650	278	315734	5.191	ng	99
92) Benzo(g,h,i)perylene	28.644	276	307449	4.937	ng	98

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

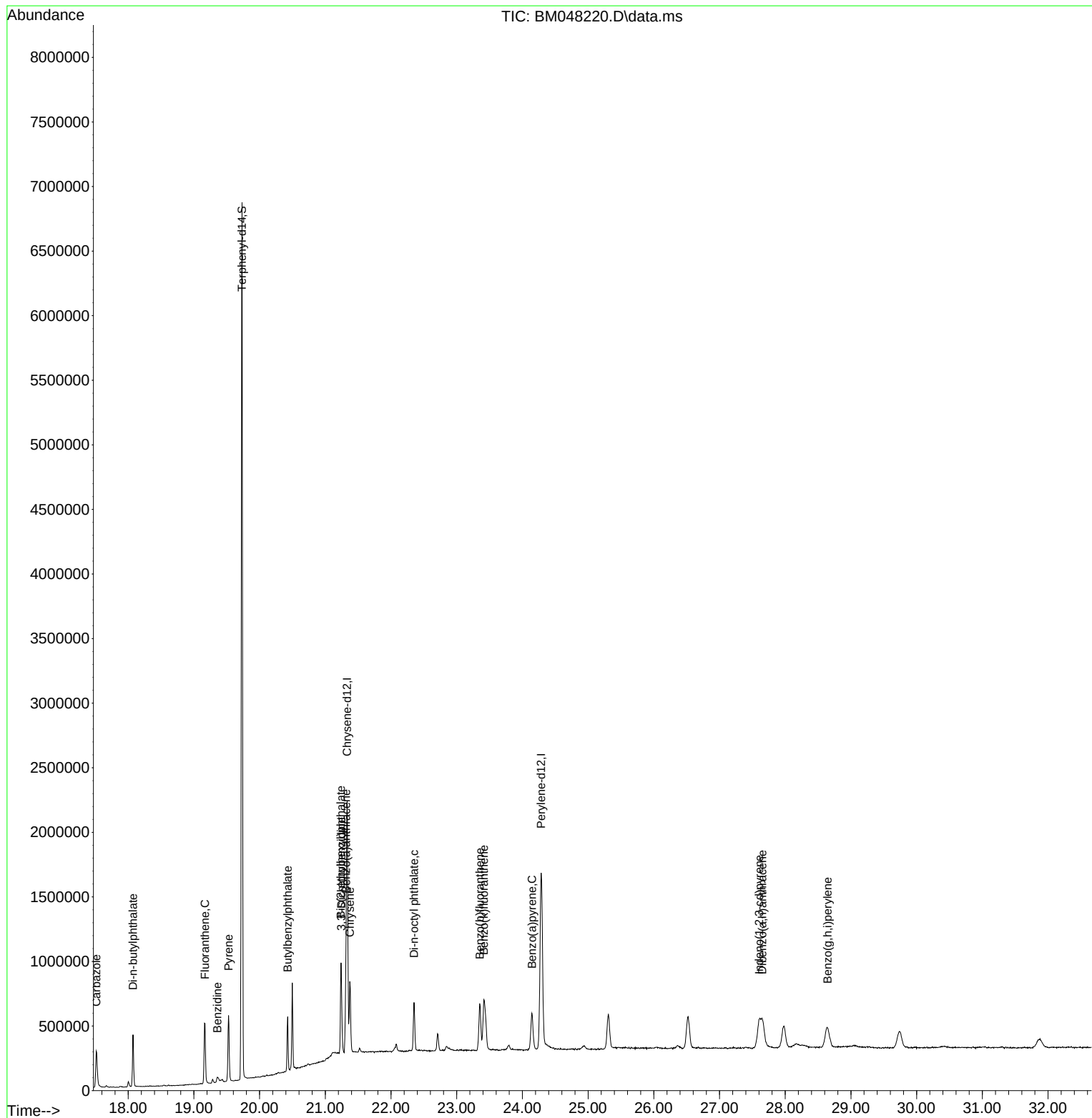
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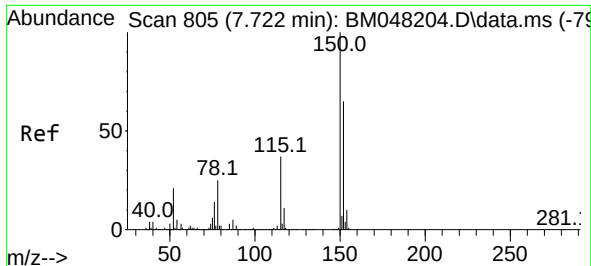
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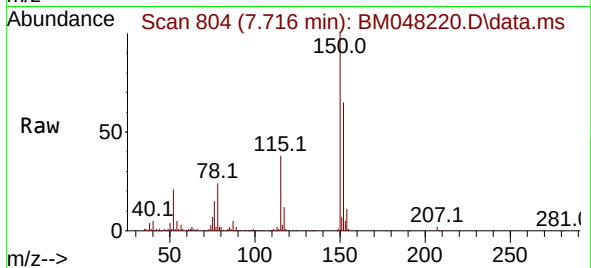
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM048220.D
 Acq: 24 Oct 2024 17:08

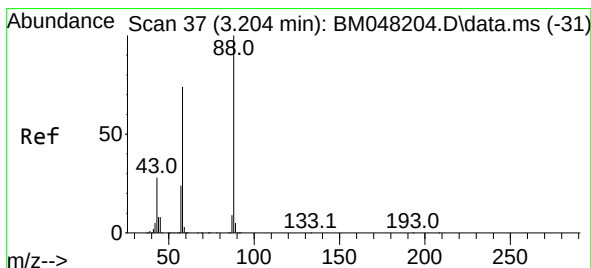
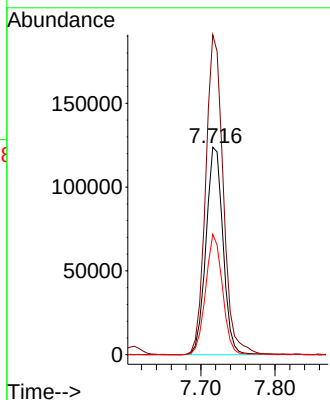
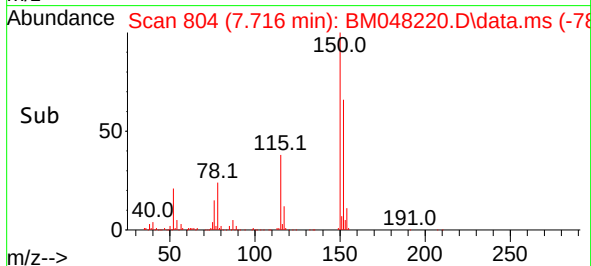
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



Tgt Ion:152 Resp: 197964
 Ion Ratio Lower Upper
 152 100
 150 154.4 123.0 184.6
 115 58.1 45.8 68.6

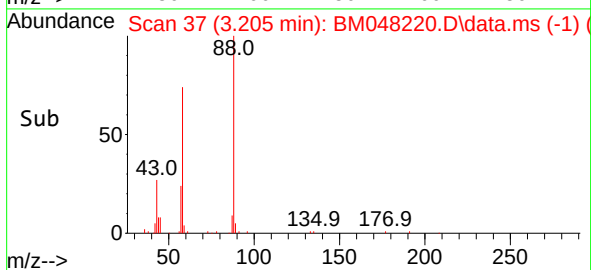
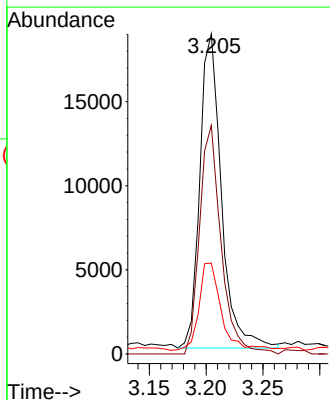
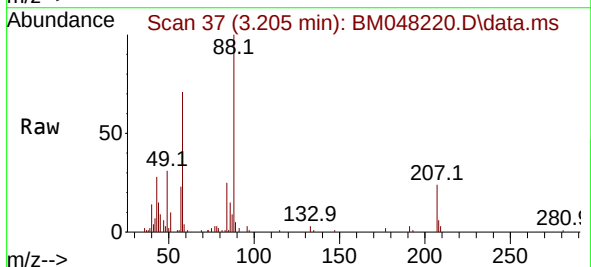
Manual Integrations
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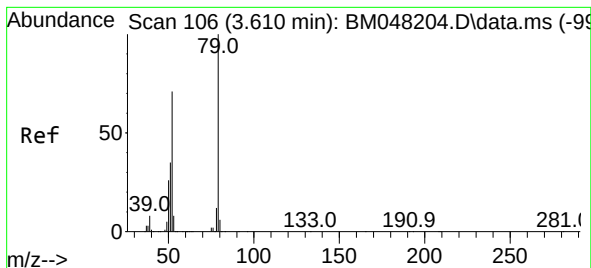
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024



#2
 1,4-Dioxane
 Concen: 5.127 ng
 RT: 3.205 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BM048220.D
 Acq: 24 Oct 2024 17:08

Tgt Ion: 88 Resp: 24714
 Ion Ratio Lower Upper
 88 100
 58 72.2 59.7 89.5
 43 29.3 22.6 33.8





#3

Pyridine

Concen: 4.341 ng

RT: 3.616 min Scan# 106

Delta R.T. 0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

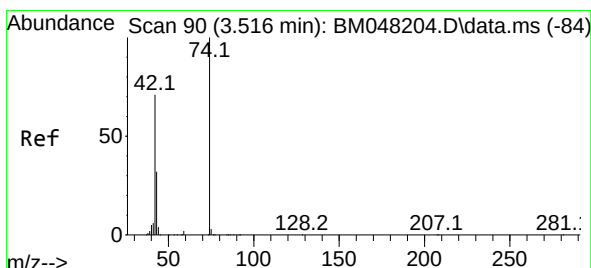
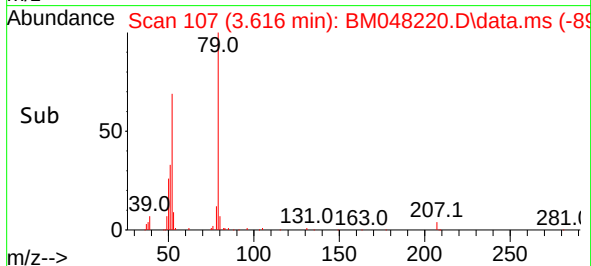
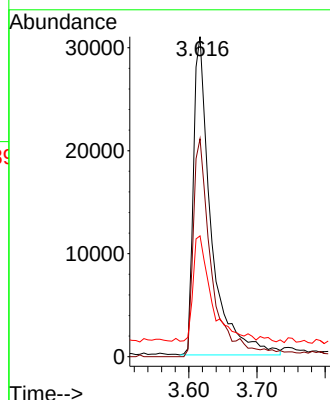
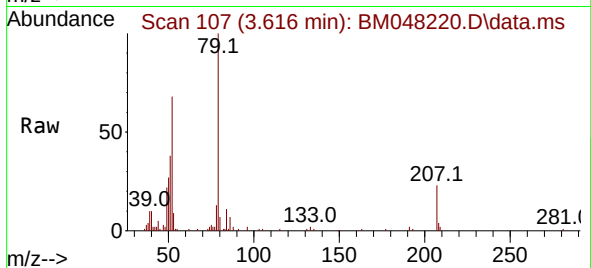
Tgt Ion: 79	Resp: 55594
Ion Ratio	Lower Upper
79 100	
52 68.1	56.5 84.7
51 37.8	28.5 42.7

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 5.059 ng

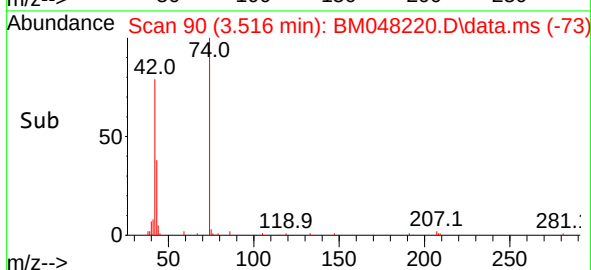
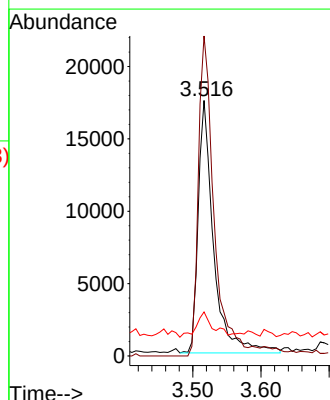
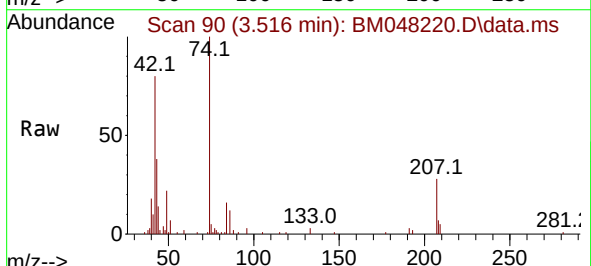
RT: 3.516 min Scan# 90

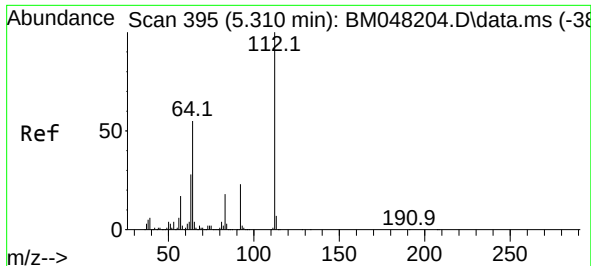
Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

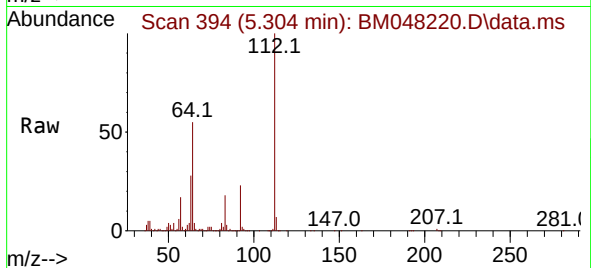
Tgt Ion: 42	Resp: 27505
Ion Ratio	Lower Upper
42 100	
74 125.2	111.8 167.6
44 17.2	6.0 9.0





#5
2-Fluorophenol
Concen: 97.594 ng
RT: 5.304 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

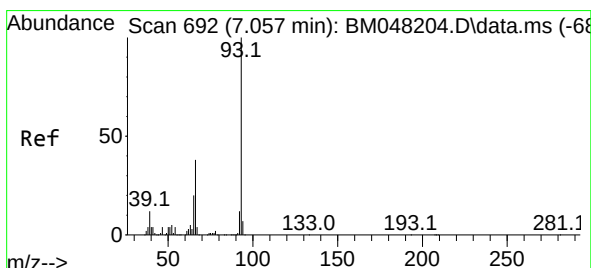
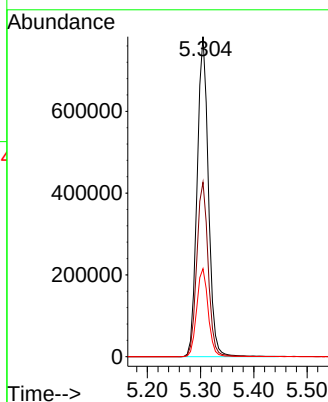
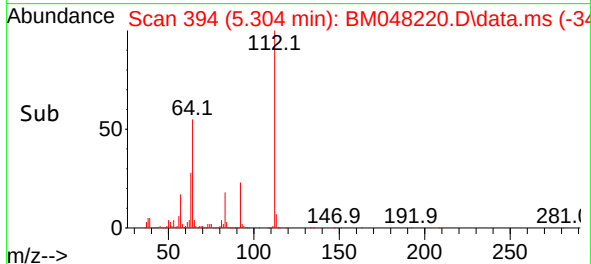
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 112 Resp: 114936
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.5 22.7 34.1

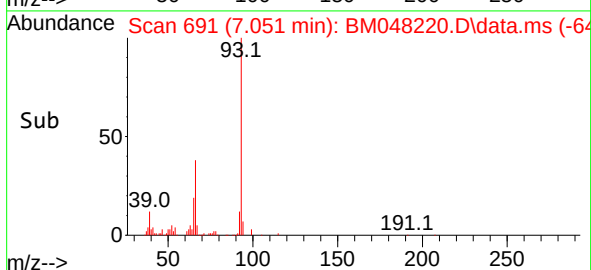
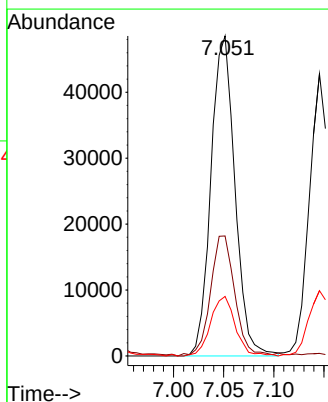
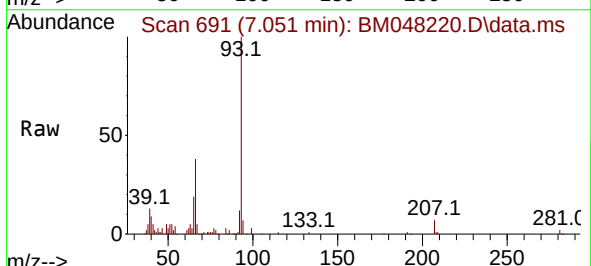
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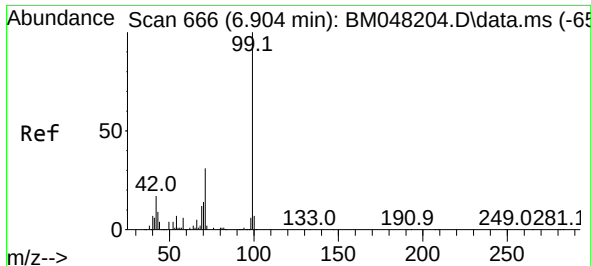
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#6
Aniline
Concen: 6.340 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

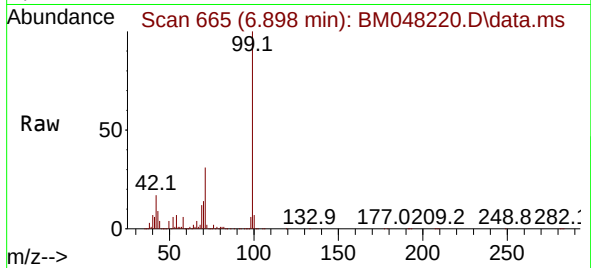
Tgt Ion: 93 Resp: 80714
Ion Ratio Lower Upper
93 100
66 37.5 30.2 45.2
65 18.6 16.2 24.2





#7
Phenol-d6
Concen: 98.069 ng
RT: 6.898 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

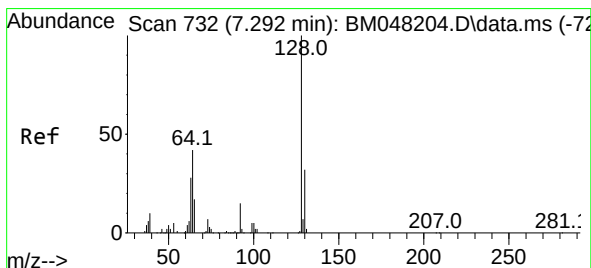
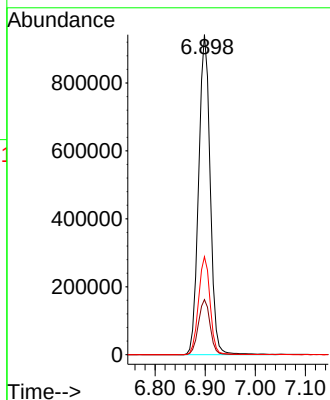
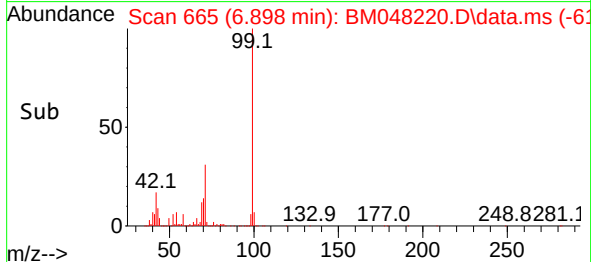
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 99 Resp: 1504128
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 30.6 24.9 37.3

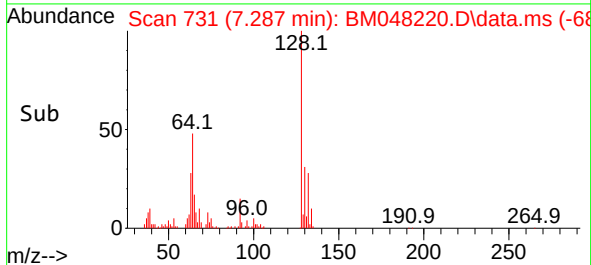
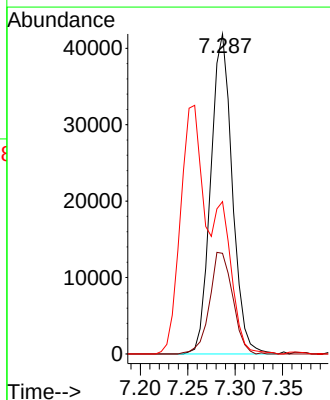
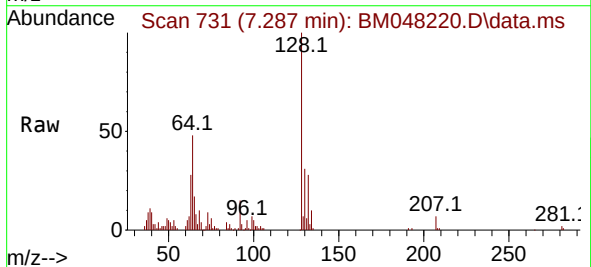
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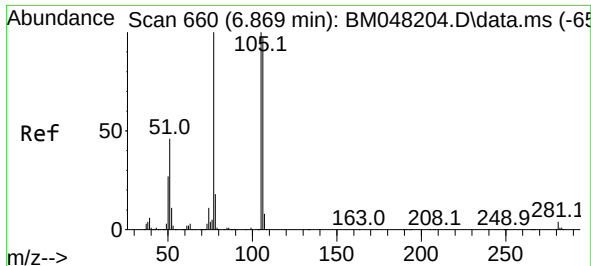
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#8
2-Chlorophenol
Concen: 5.169 ng
RT: 7.287 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:128 Resp: 66138
Ion Ratio Lower Upper
128 100
130 31.5 12.1 52.1
64 47.6 23.8 63.8





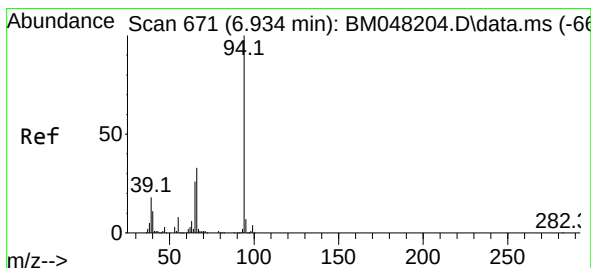
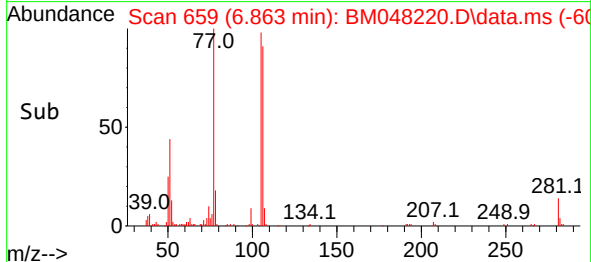
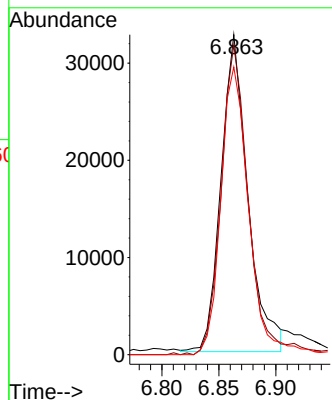
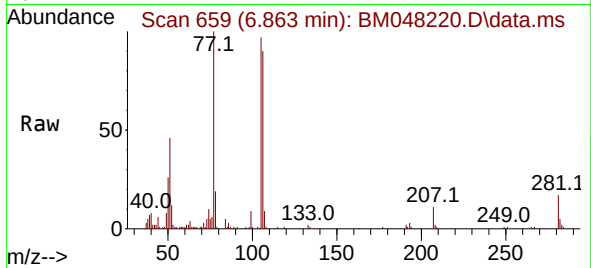
#9
Benzaldehyde
Concen: 7.099 ng m
RT: 6.863 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM048220.D
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ClientSampleId :
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Tgt Ion: 77 Resp: 53494
Ion Ratio Lower Upper
77 100
105 96.8 79.6 119.6
106 89.9 77.0 117.0

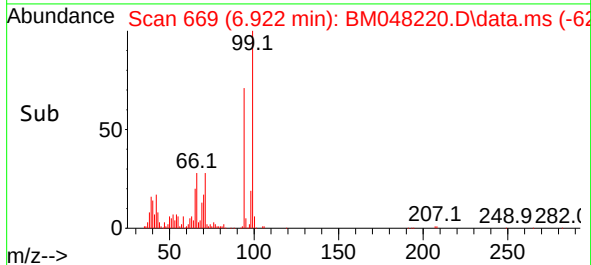
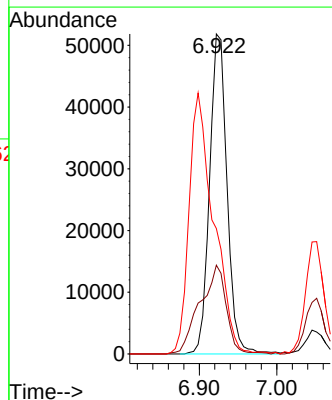
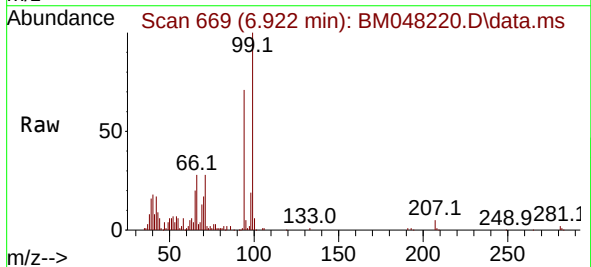
Manual Integrations
APPROVED

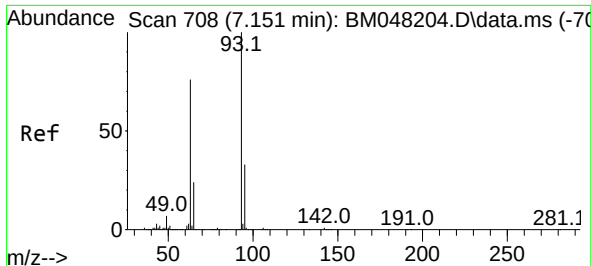
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#10
Phenol
Concen: 5.261 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

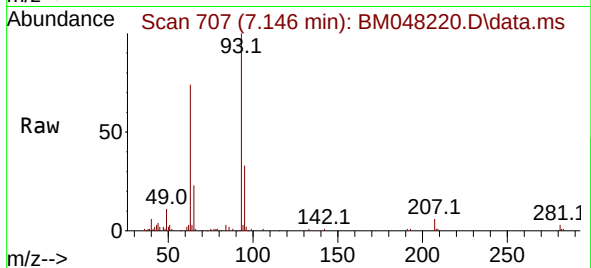
Tgt Ion: 94 Resp: 81176
Ion Ratio Lower Upper
94 100
65 27.8 6.5 46.5
66 39.2 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 5.089 ng
RT: 7.146 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

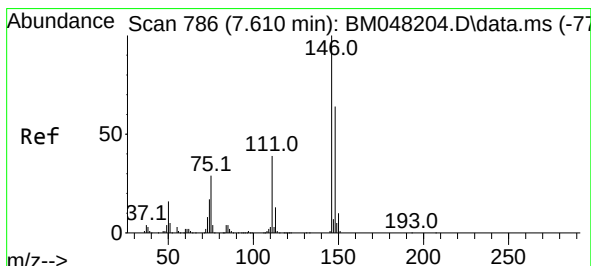
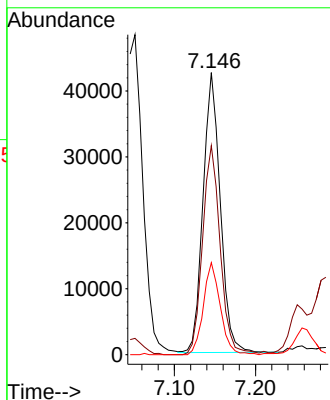
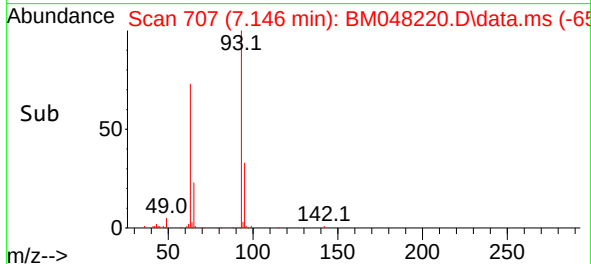
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 93 Resp: 62548
Ion Ratio Lower Upper
93 100
63 74.1 55.3 95.3
95 32.6 12.4 52.4

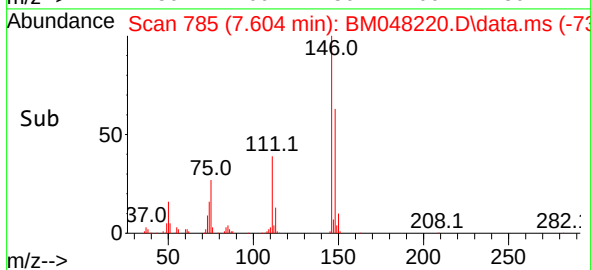
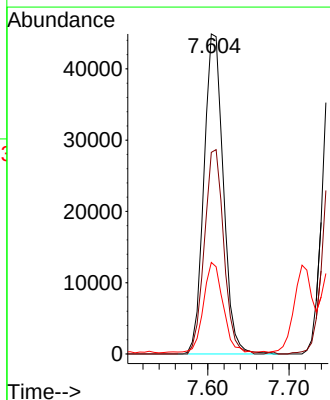
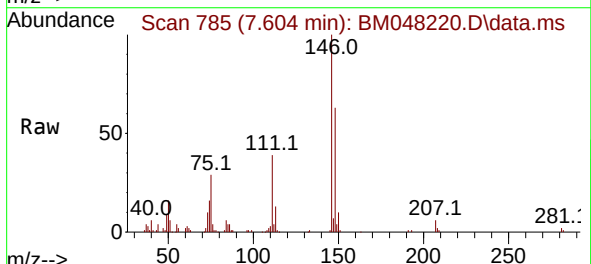
Manual Integrations
APPROVED

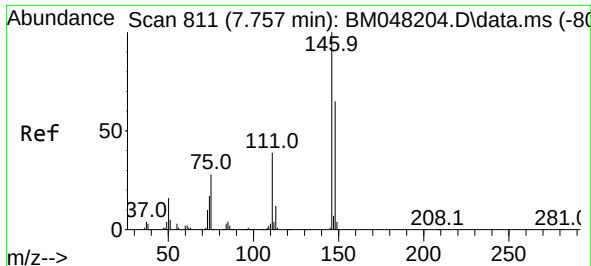
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 5.035 ng
RT: 7.604 min Scan# 785
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:146 Resp: 74277
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.6
75 28.6 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 5.028 ng

RT: 7.751 min Scan# 811

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

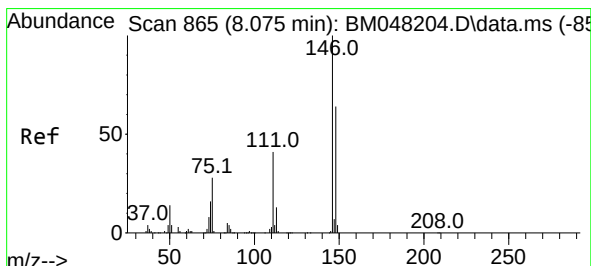
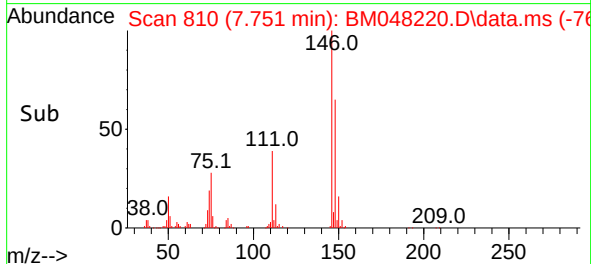
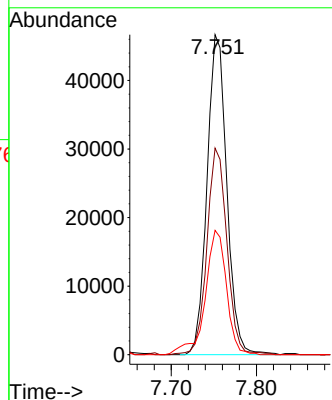
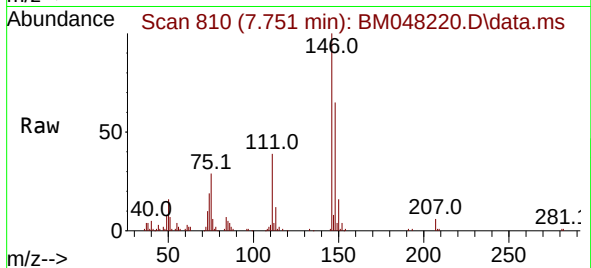
Tgt Ion:	146	Resp:	7535
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.7	77.5
111	38.8	31.4	47.2

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#14

1,2-Dichlorobenzene

Concen: 5.050 ng

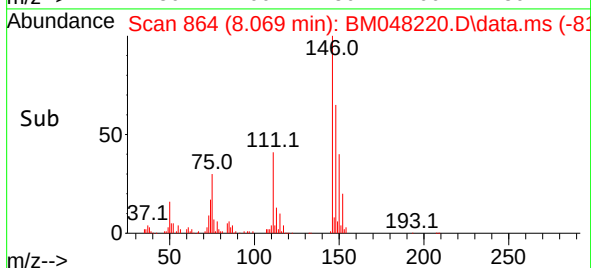
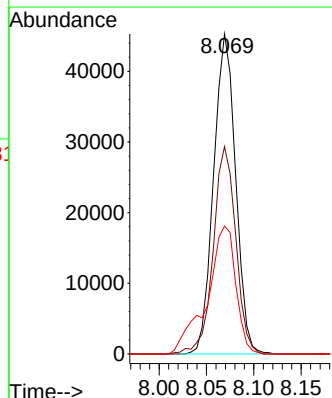
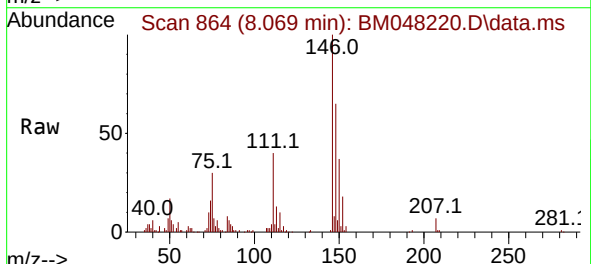
RT: 8.069 min Scan# 864

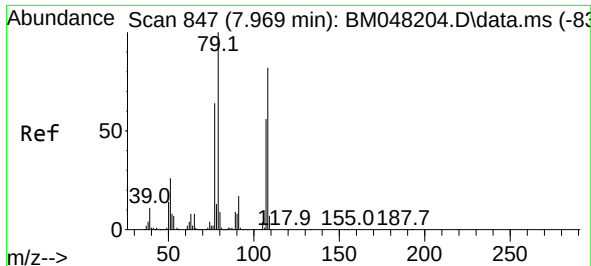
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

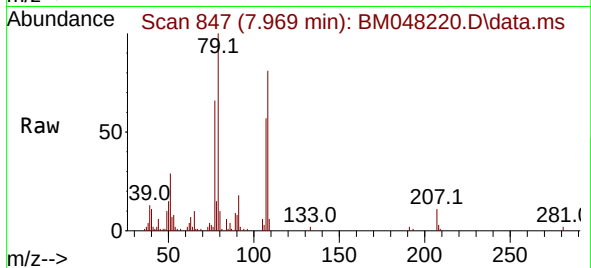
Tgt Ion:	146	Resp:	73143
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.3	76.9
111	39.9	32.7	49.1





#15
Benzyl Alcohol
Concen: 4.728 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

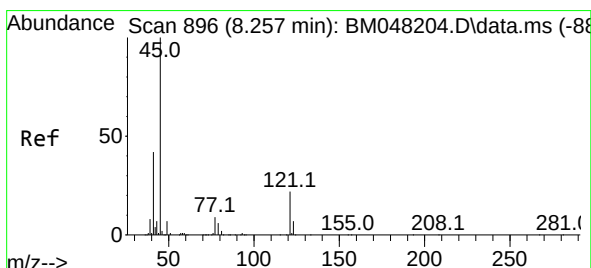
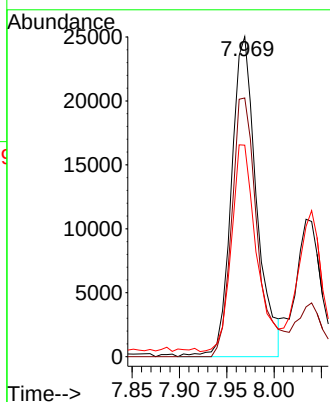
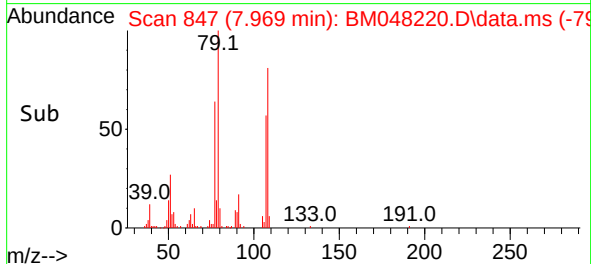
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



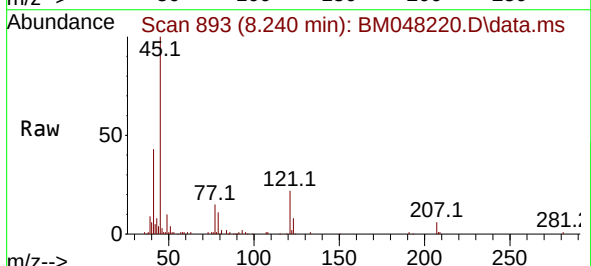
Tgt Ion: 79 Resp: 46259
Ion Ratio Lower Upper
79 100
108 80.9 65.2 97.8
77 66.1 51.4 77.2

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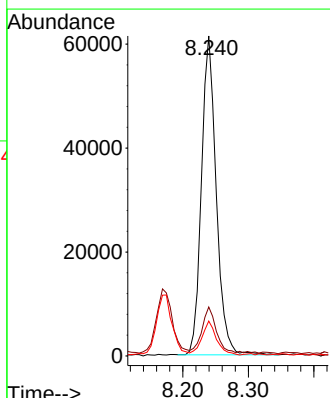
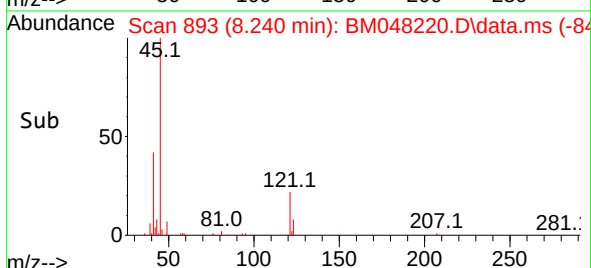
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

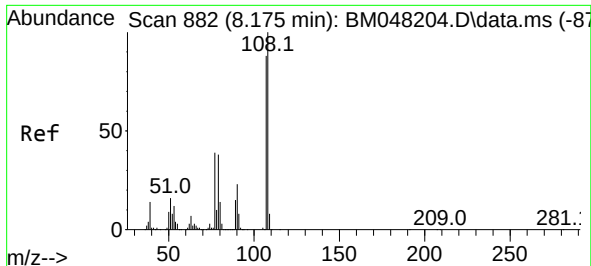


#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.368 ng
RT: 8.240 min Scan# 893
Delta R.T. -0.017 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08



Tgt Ion: 45 Resp: 96511
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.2
79 10.9 0.0 30.7





#17

2-Methylphenol

Concen: 4.681 ng

RT: 8.169 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM048220.D

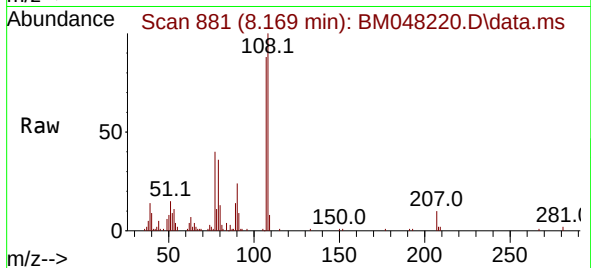
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:107 Resp: 47998

Ion Ratio Lower Upper

107 100

108 113.1 91.3 136.9

77 45.4 36.2 54.2

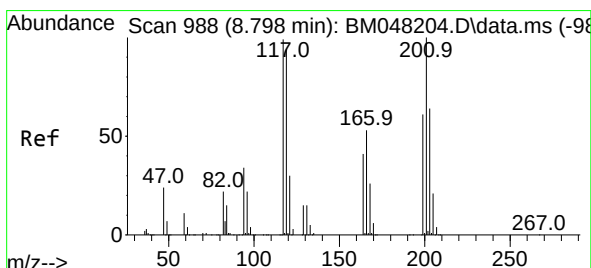
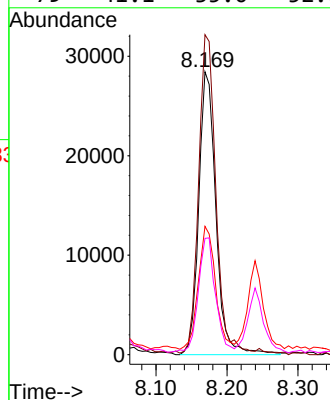
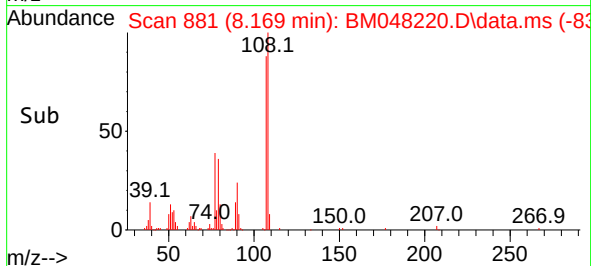
79 41.1 35.0 52.6

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#18

Hexachloroethane

Concen: 4.822 ng

RT: 8.792 min Scan# 987

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

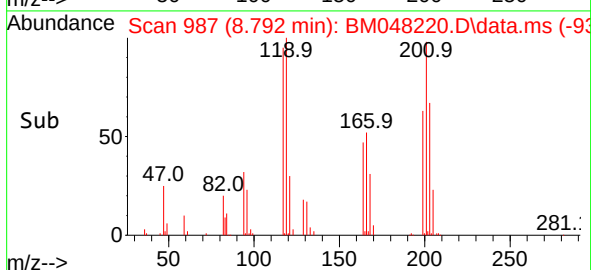
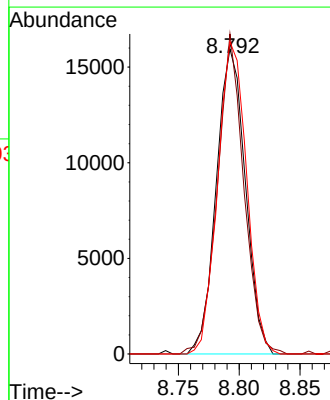
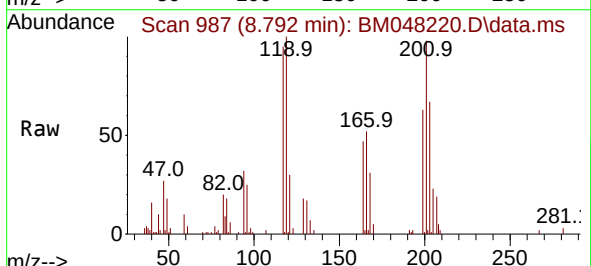
Tgt Ion:117 Resp: 26487

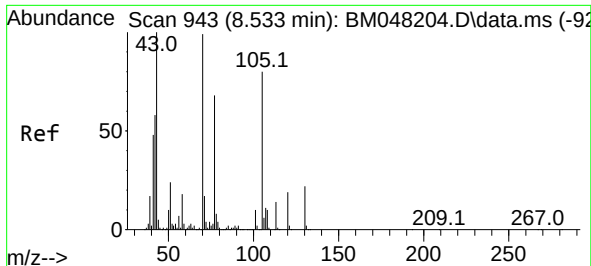
Ion Ratio Lower Upper

117 100

119 104.9 76.5 114.7

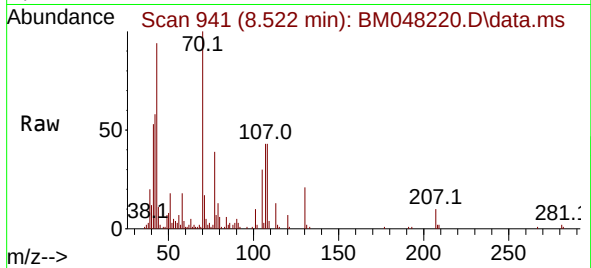
201 102.3 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 4.825 ng
RT: 8.522 min Scan# 941
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

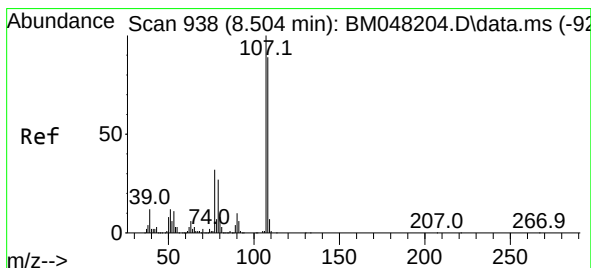
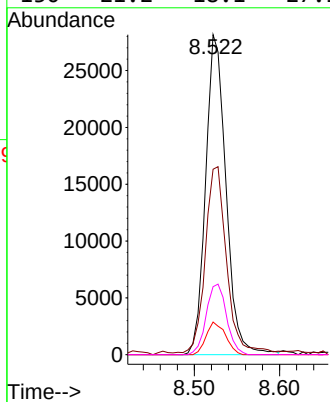
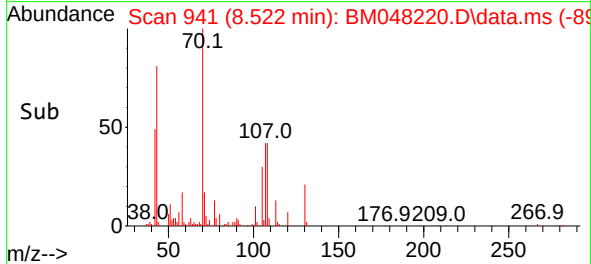
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 70 Resp: 4681
Ion Ratio Lower Upper
70 100
42 57.9 47.0 70.6
101 10.2 7.8 11.6
130 21.2 18.1 27.1

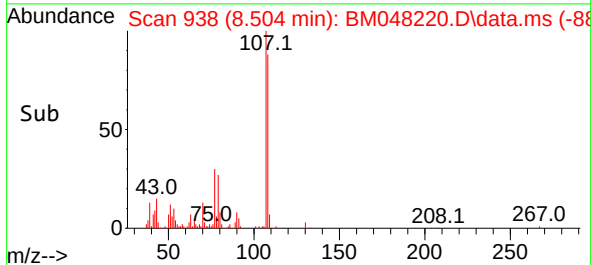
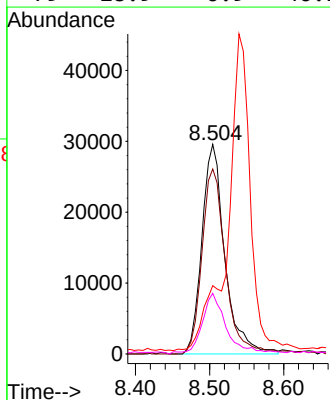
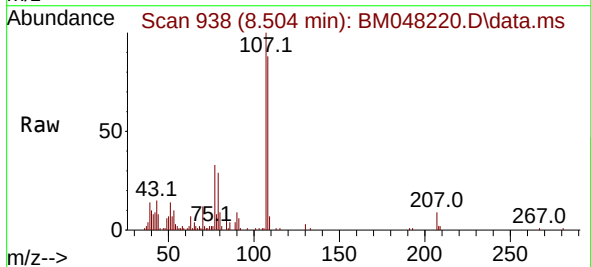
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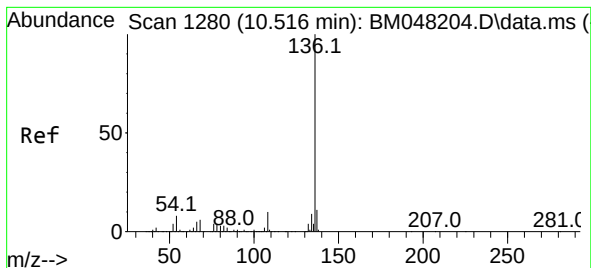
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 4.467 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

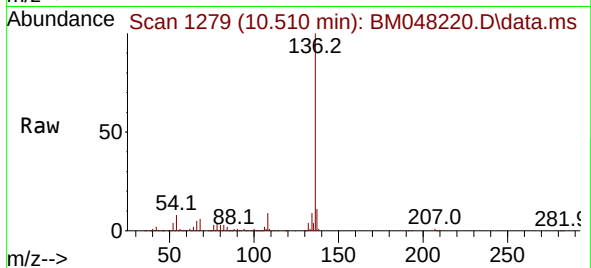
Tgt Ion:107 Resp: 63451
Ion Ratio Lower Upper
107 100
108 88.2 69.0 109.0
77 32.6 12.3 52.3
79 28.9 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

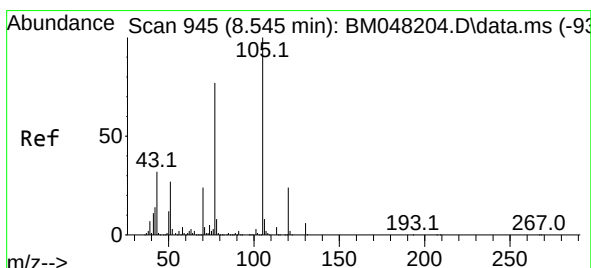
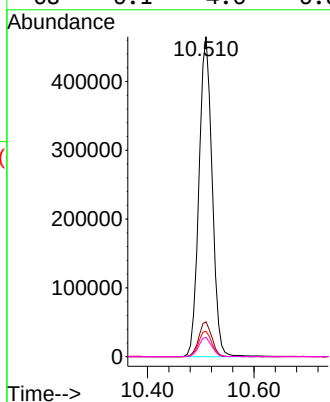
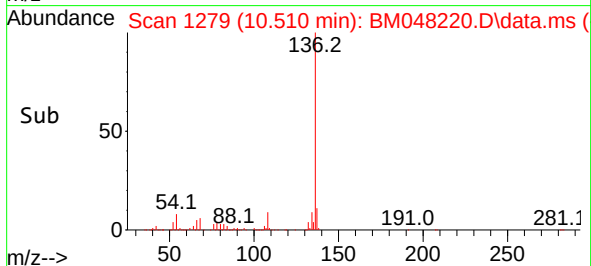
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:136 Resp: 798264
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.9 6.5 9.7
68 6.1 4.6 6.8

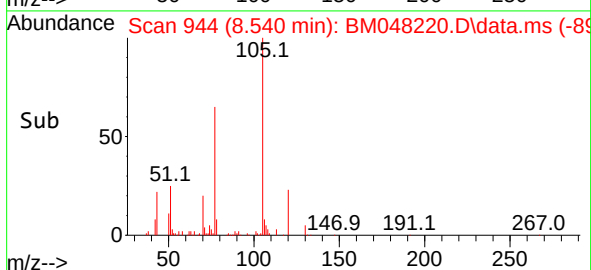
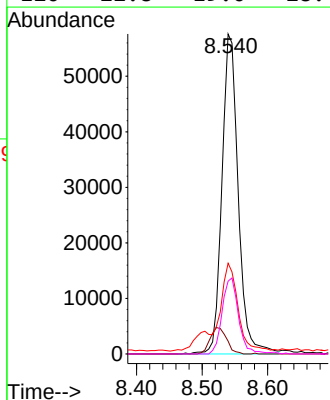
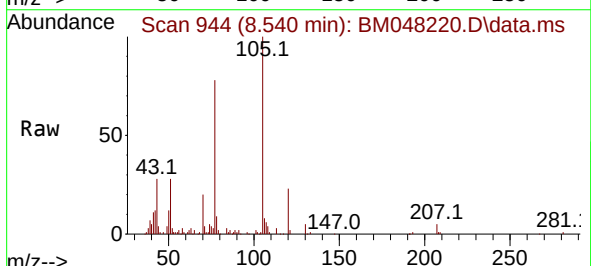
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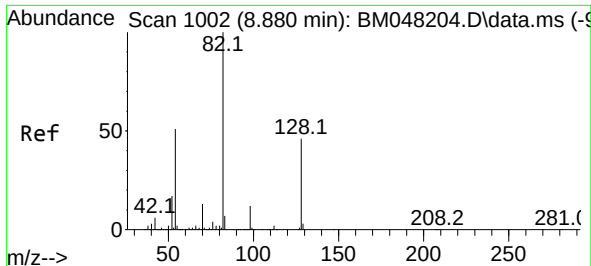
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 5.085 ng
RT: 8.540 min Scan# 944
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

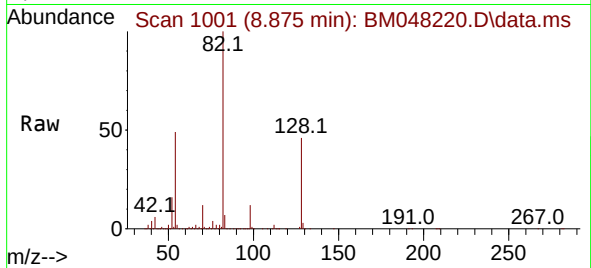
Tgt Ion:105 Resp: 99061
Ion Ratio Lower Upper
105 100
71 4.0 3.4 5.0
51 28.4 21.7 32.5
120 22.8 19.0 28.4





#23
Nitrobenzene-d5
Concen: 71.656 ng
RT: 8.875 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

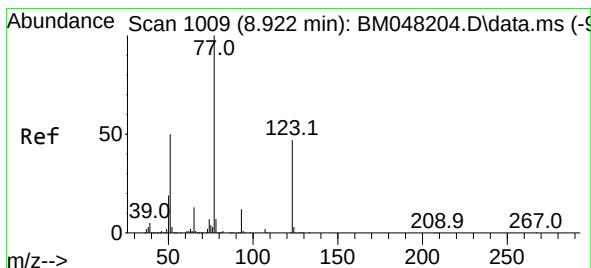
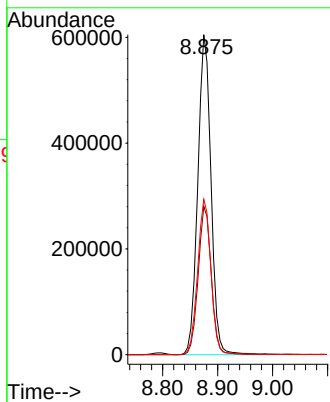
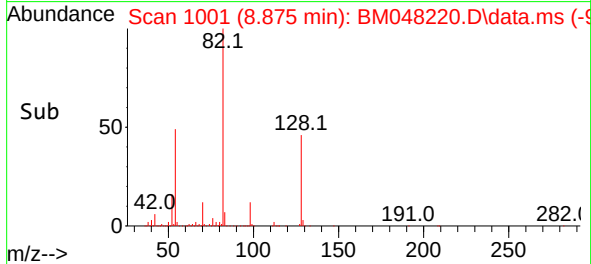
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 101306
Ion Ratio Lower Upper
82 100
128 46.4 36.6 54.8
54 48.6 41.0 61.4

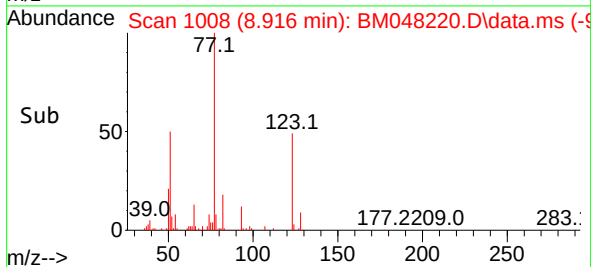
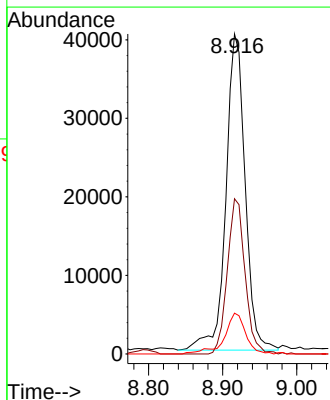
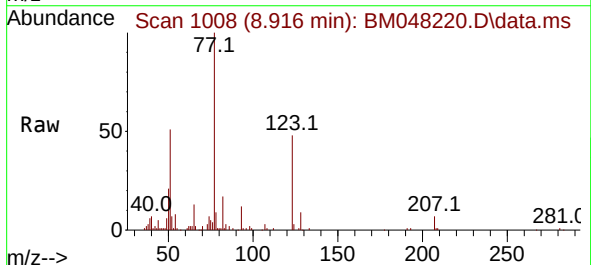
Manual Integrations
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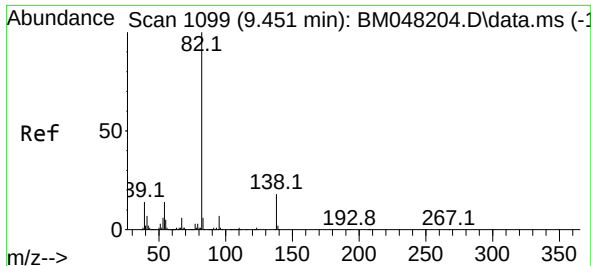
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#24
Nitrobenzene
Concen: 4.946 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

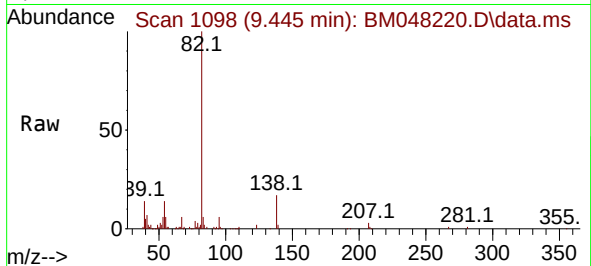
Tgt Ion: 77 Resp: 72454
Ion Ratio Lower Upper
77 100
123 48.5 37.8 56.6
65 12.7 10.4 15.6





#25
Isophorone
Concen: 4.980 ng
RT: 9.445 min Scan# 1099
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

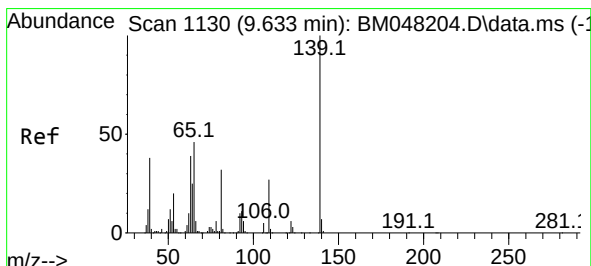
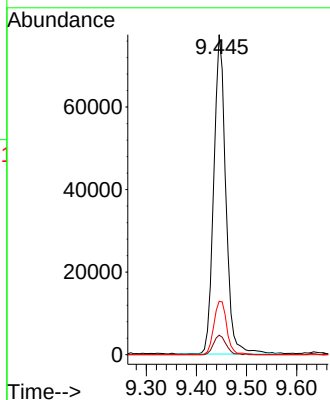
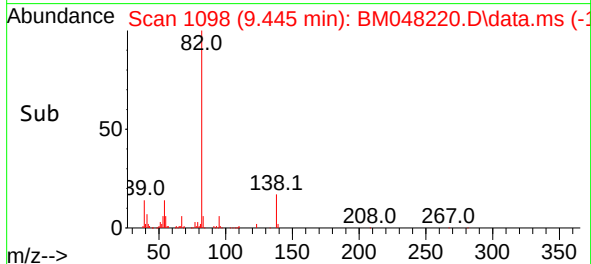
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 82 Resp: 12904
Ion Ratio Lower Upper
82 100
95 6.1 5.3 7.9
138 16.7 14.3 21.5

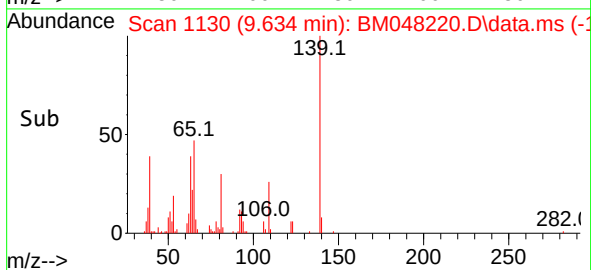
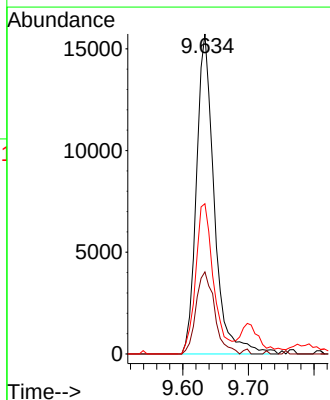
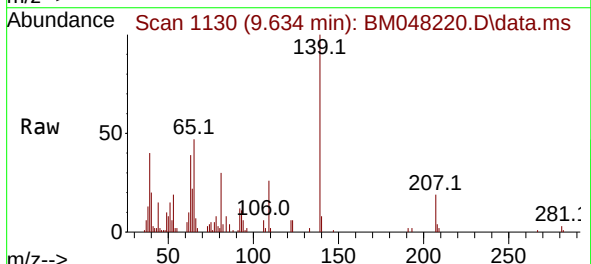
Manual Integrations
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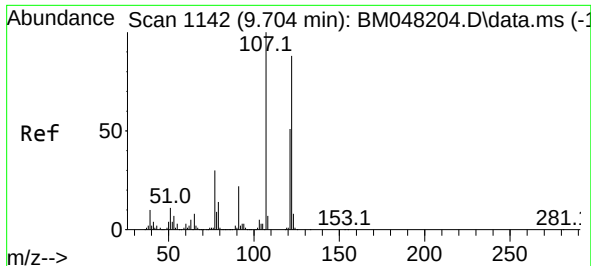
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#26
2-Nitrophenol
Concen: 4.396 ng
RT: 9.634 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:139 Resp: 29733
Ion Ratio Lower Upper
139 100
109 25.7 21.2 31.8
65 46.9 36.8 55.2





#27

2,4-Dimethylphenol

Concen: 2.910 ng

RT: 9.704 min Scan# 1142

Delta R.T. 0.000 min

Lab File: BM048220.D

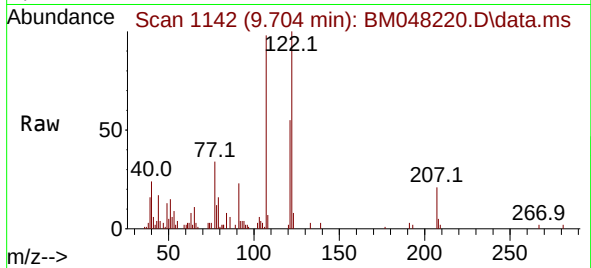
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



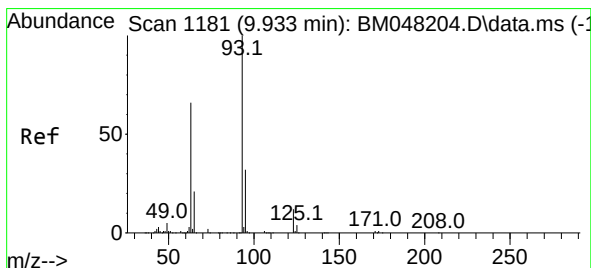
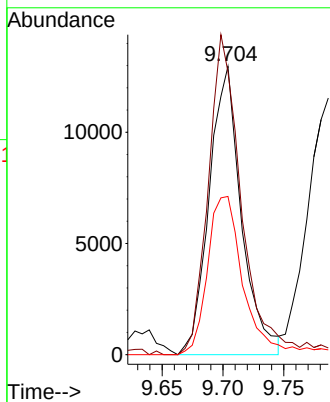
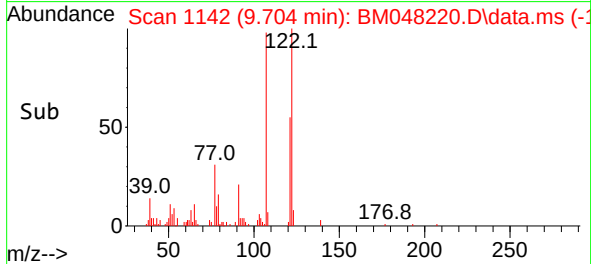
Tgt Ion:	122	Resp:	23870
Ion Ratio	Lower	Upper	
122	100		
107	98.0	91.0	136.6
121	54.9	46.1	69.1

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#28

bis(2-Chloroethoxy)methane

Concen: 4.825 ng

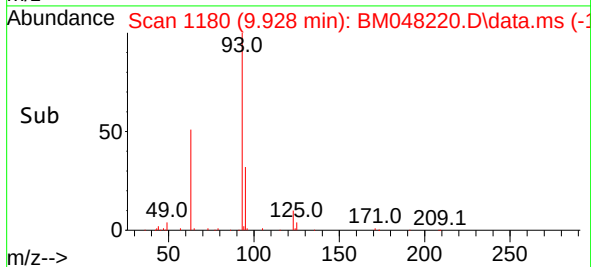
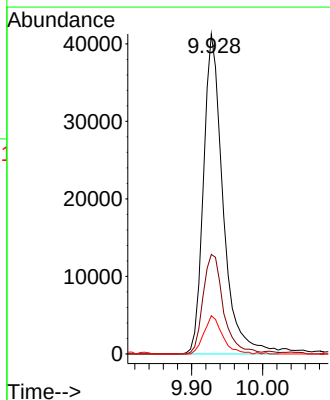
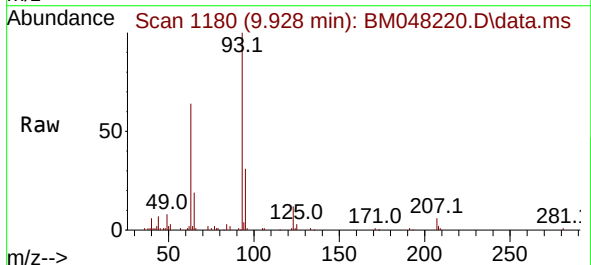
RT: 9.928 min Scan# 1180

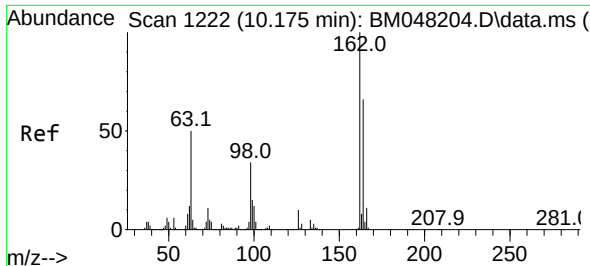
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

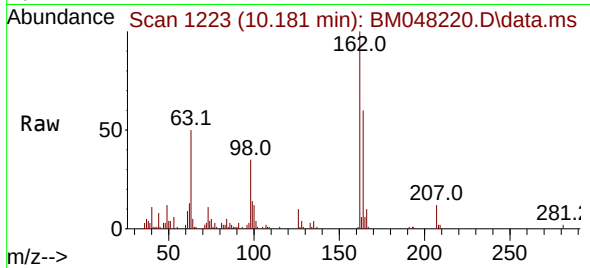
Tgt Ion:	93	Resp:	79124
Ion Ratio	Lower	Upper	
93	100		
95	31.1	25.3	37.9
123	11.9	9.8	14.6





#29
2,4-Dichlorophenol
Concen: 4.439 ng
RT: 10.181 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

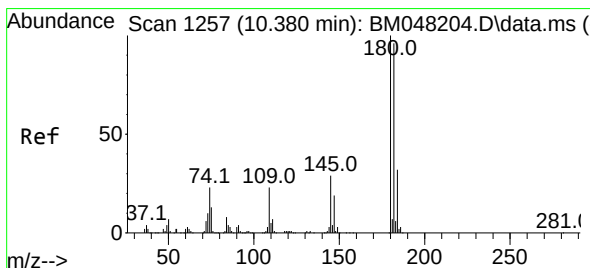
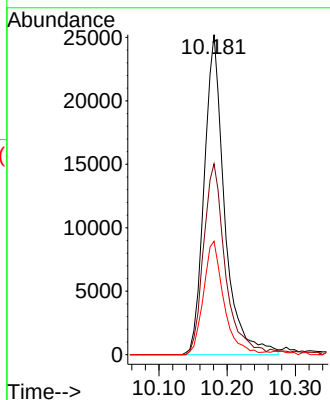
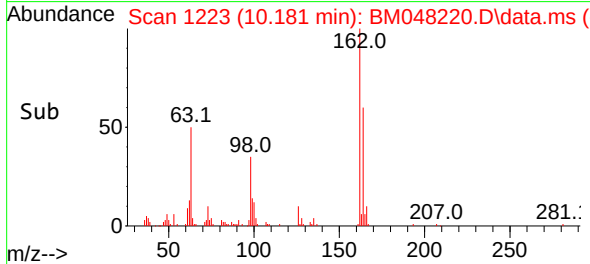
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 5240
Ion Ratio Lower Upper
162 100
164 59.7 46.0 86.0
98 35.5 14.4 54.4

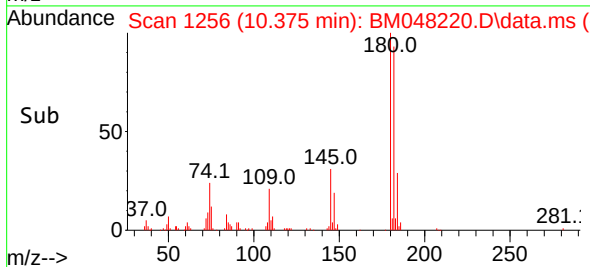
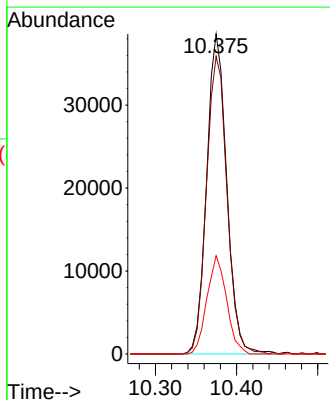
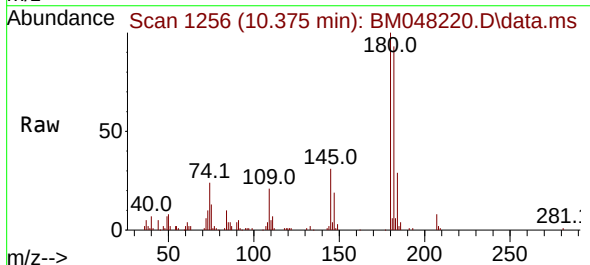
Manual Integrations
APPROVED

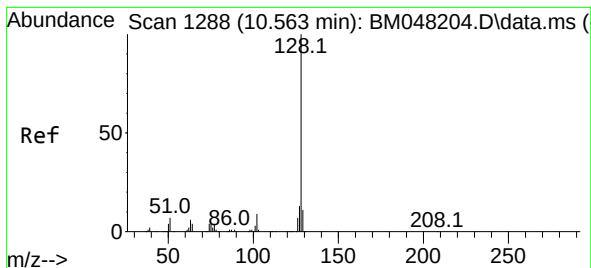
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#30
1,2,4-Trichlorobenzene
Concen: 4.908 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

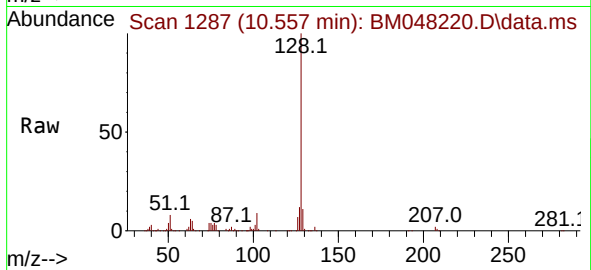
Tgt Ion:180 Resp: 66350
Ion Ratio Lower Upper
180 100
182 92.9 76.6 115.0
145 30.7 23.4 35.2





#31
Naphthalene
Concen: 5.008 ng
RT: 10.557 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

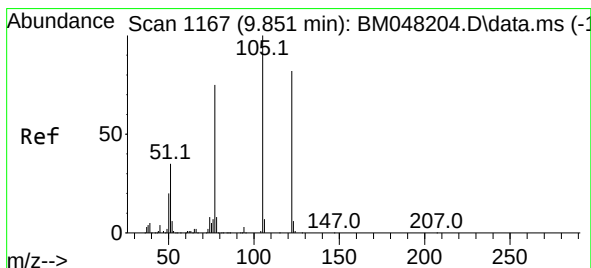
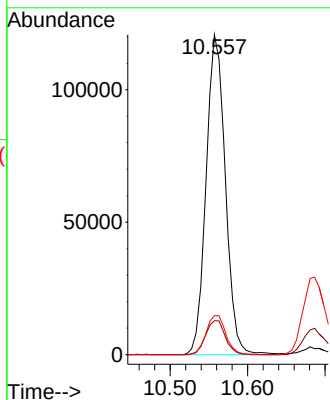
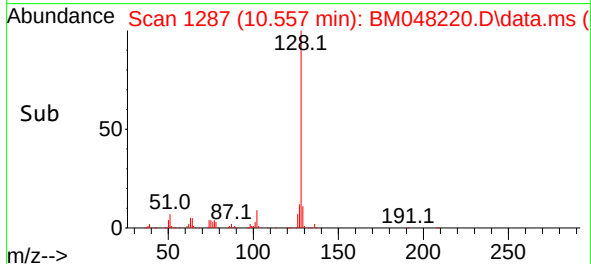
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:128 Resp: 208519
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.2 10.2 15.2

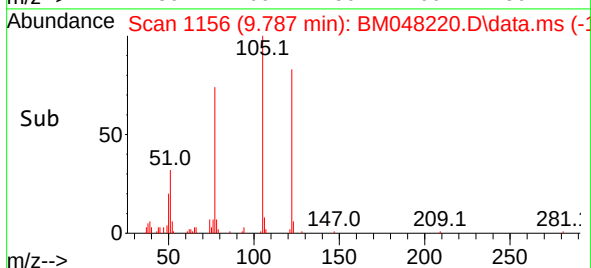
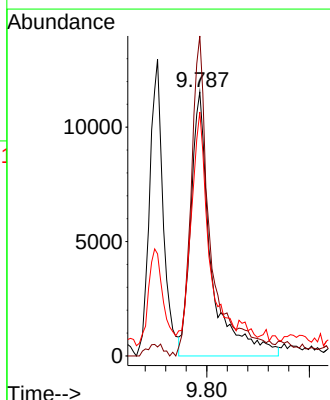
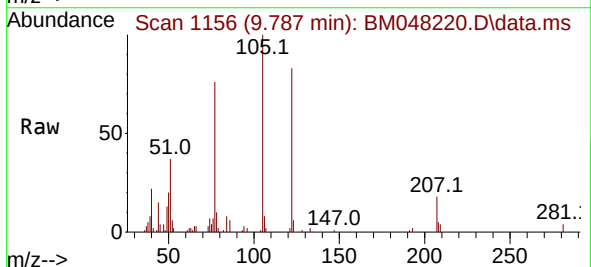
Manual Integrations
APPROVED

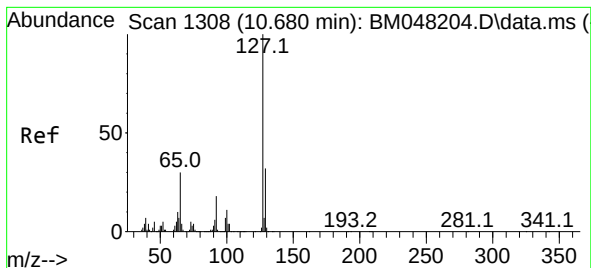
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 3.476 ng m
RT: 9.787 min Scan# 1156
Delta R.T. -0.065 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

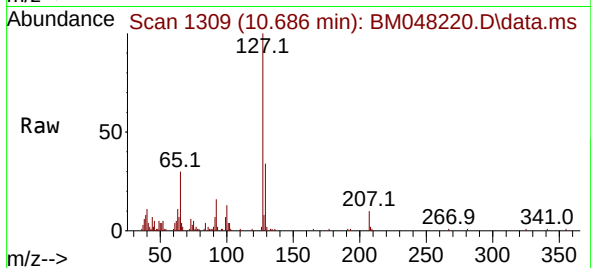
Tgt Ion:122 Resp: 31754
Ion Ratio Lower Upper
122 100
105 121.2 99.3 139.3
77 92.4 70.4 110.4





#33
4-Chloroaniline
Concen: 5.095 ng
RT: 10.686 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

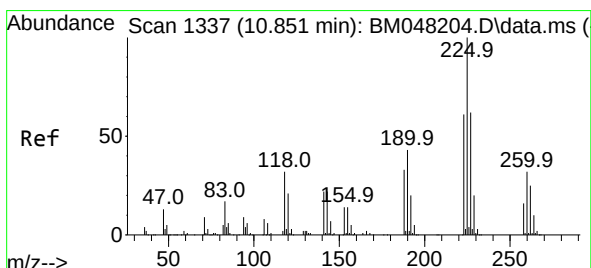
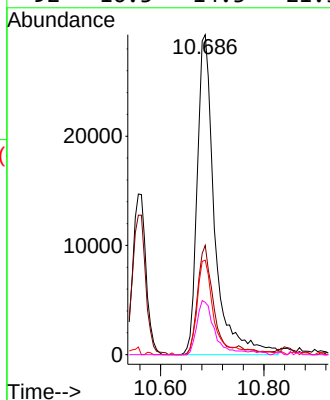
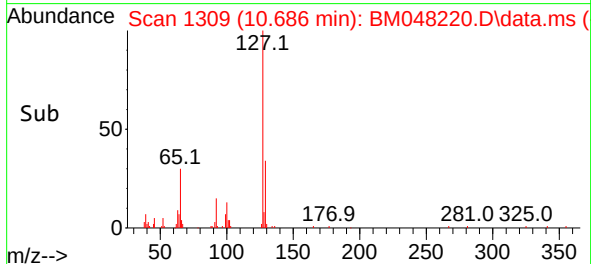
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



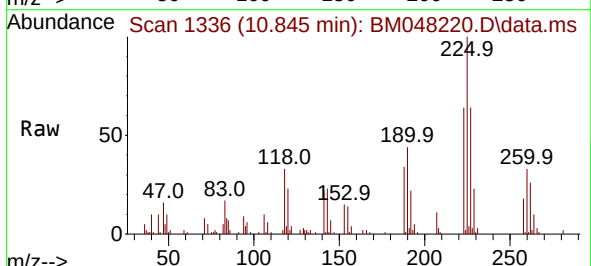
Tgt Ion:127 Resp: 68798
Ion Ratio Lower Upper
127 100
129 34.1 25.8 38.6
65 29.5 23.7 35.5
92 16.3 14.3 21.5

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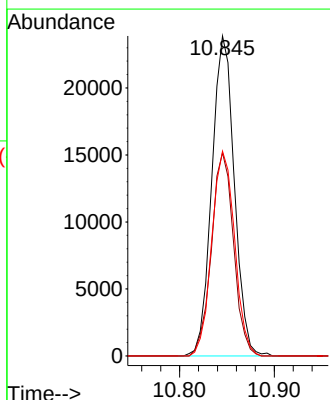
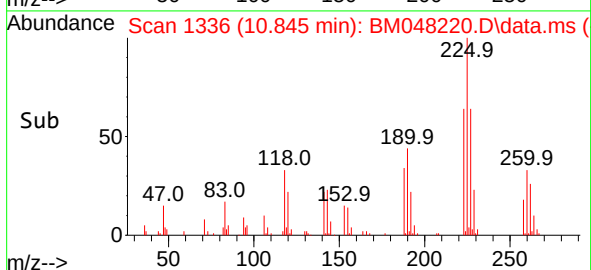
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

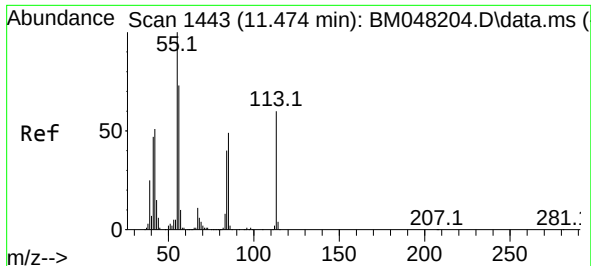


#34
Hexachlorobutadiene
Concen: 4.703 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08



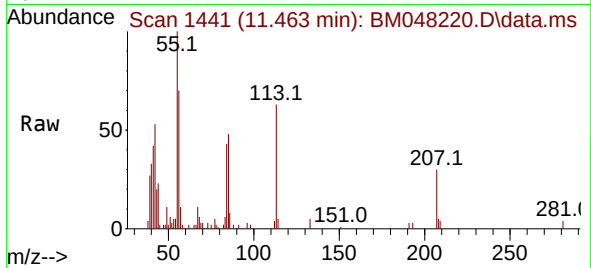
Tgt Ion:225 Resp: 39410
Ion Ratio Lower Upper
225 100
223 63.5 48.6 73.0
227 64.0 49.6 74.4





#35
Caprolactam
Concen: 4.191 ng
RT: 11.463 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

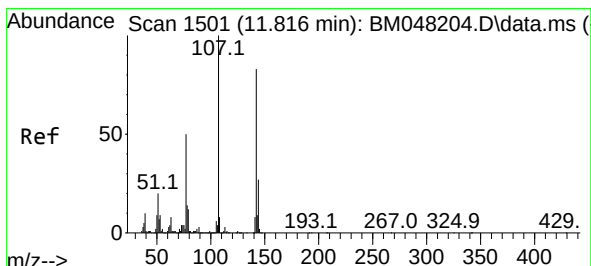
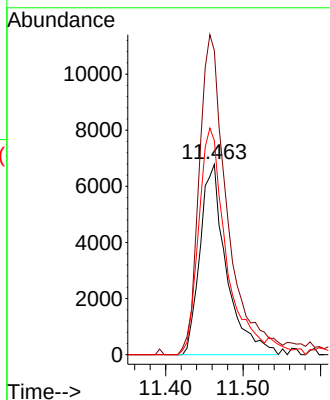
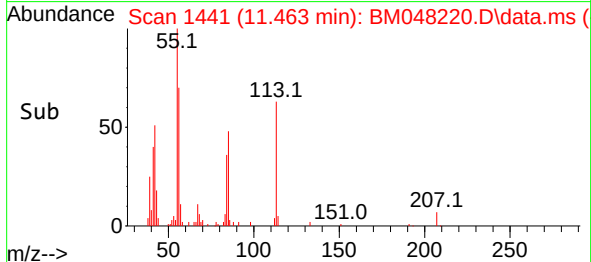
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:113 Resp: 16069
Ion Ratio Lower Upper
113 100
55 159.7 146.1 186.1
56 112.5 101.9 141.9

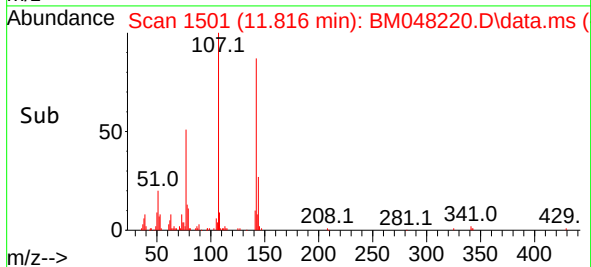
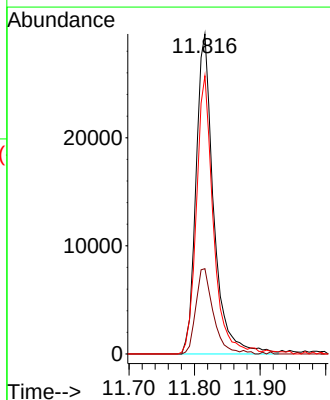
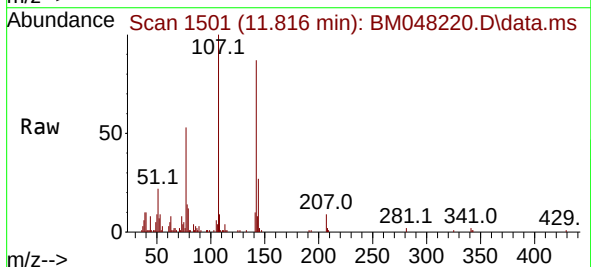
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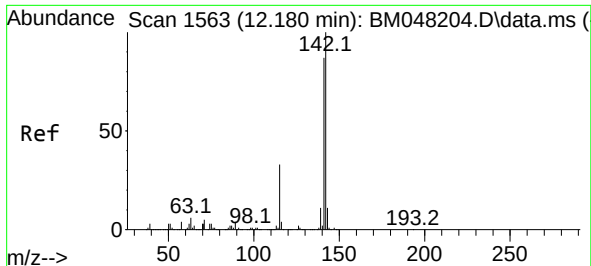
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#36
4-Chloro-3-methylphenol
Concen: 4.499 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:107 Resp: 55442
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 87.0 66.8 100.2





#37

2-Methylnaphthalene

Concen: 4.912 ng

RT: 12.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

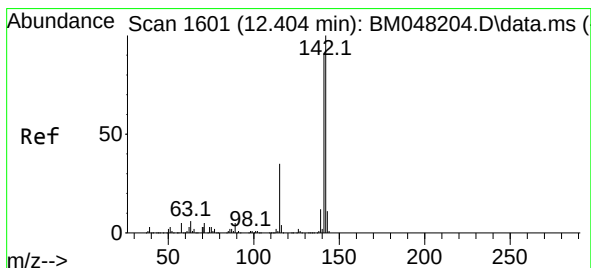
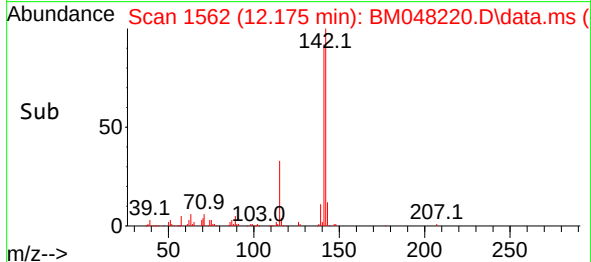
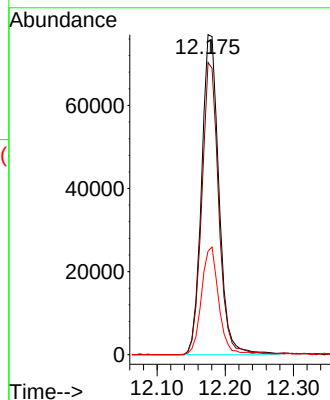
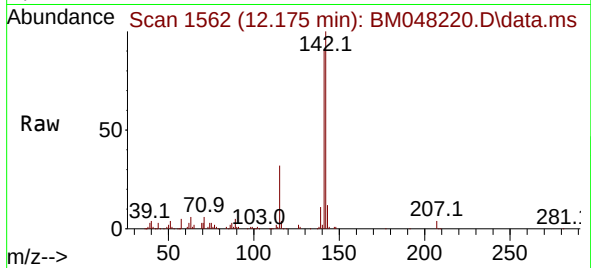
Tgt Ion:142 Resp: 136634
 Ion Ratio Lower Upper
 142 100
 141 91.3 69.8 104.6
 115 32.3 26.3 39.5

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#38

1-Methylnaphthalene

Concen: 4.760 ng

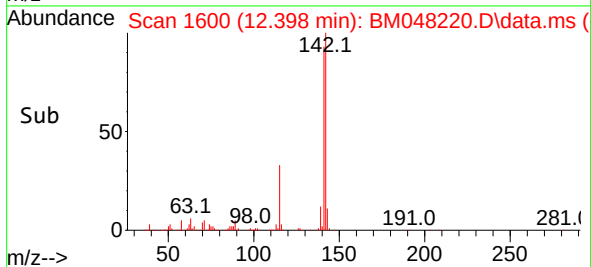
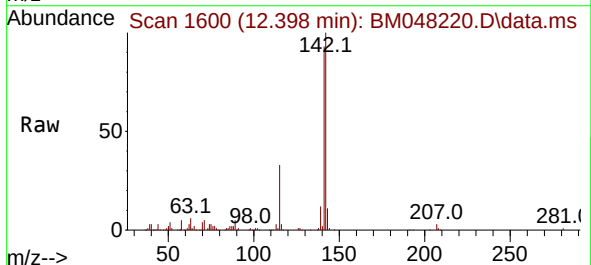
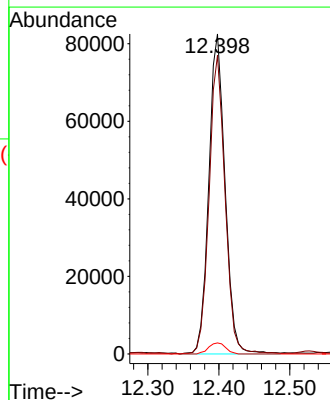
RT: 12.398 min Scan# 1600

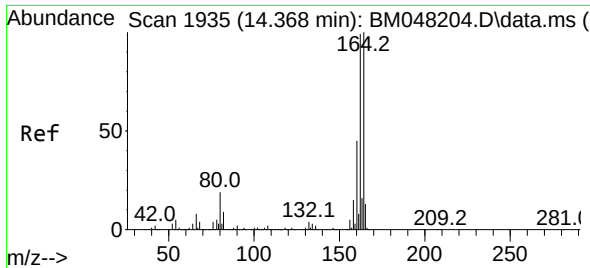
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

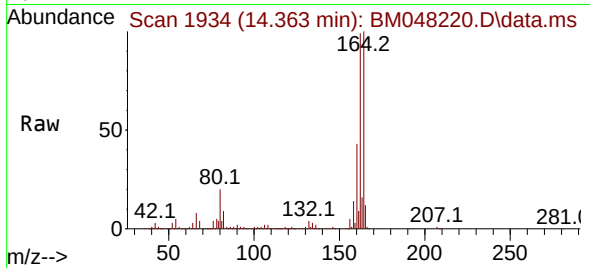
Tgt Ion:142 Resp: 131295
 Ion Ratio Lower Upper
 142 100
 141 93.3 72.7 109.1
 116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.363 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

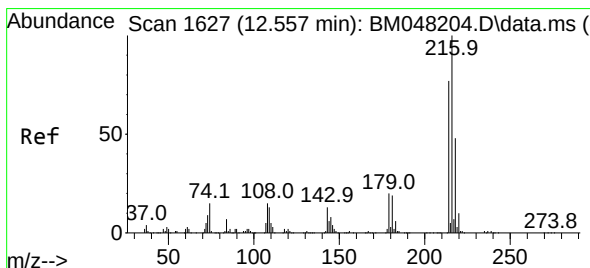
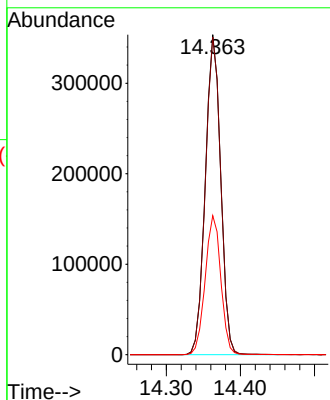
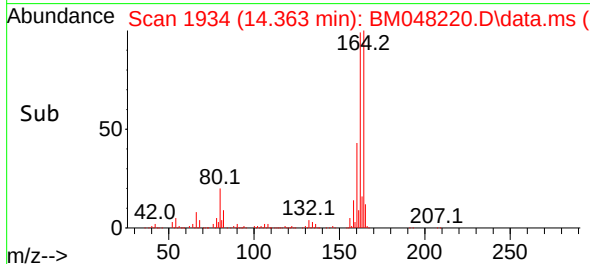
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:164 Resp: 508785
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.4 35.8 53.8

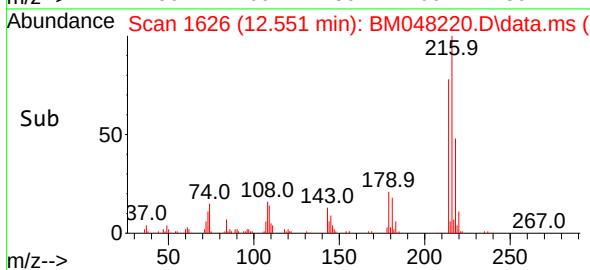
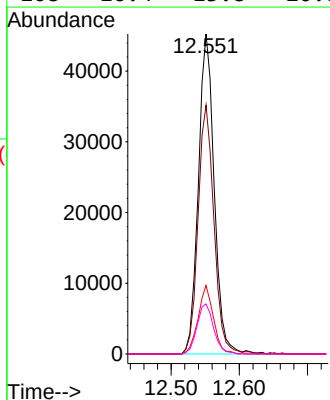
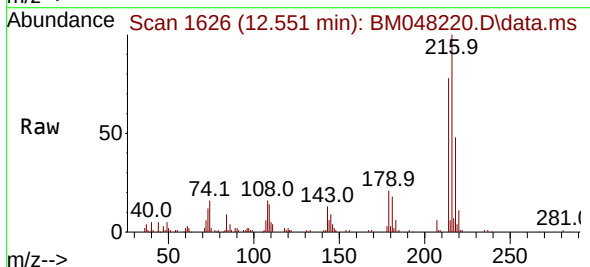
Manual Integrations
APPROVED

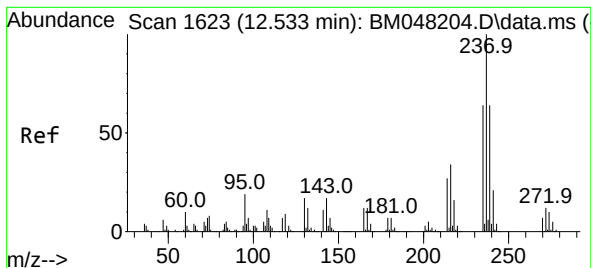
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.028 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:216 Resp: 73118
Ion Ratio Lower Upper
216 100
214 78.2 62.2 93.2
179 20.6 16.0 24.0
108 16.4 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 1.432 ng

RT: 12.528 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BM048220.D

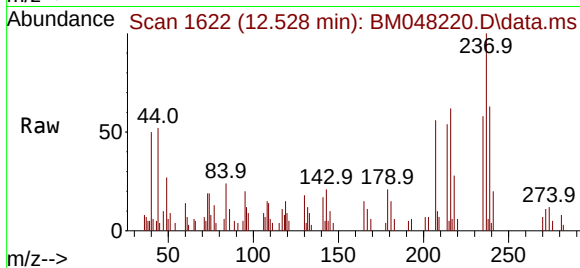
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



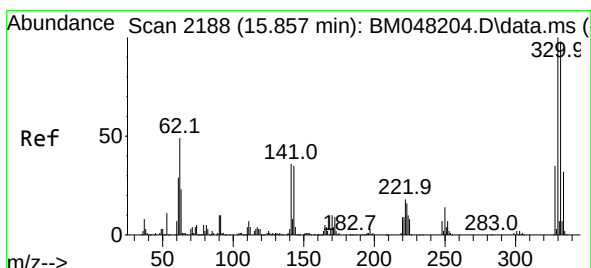
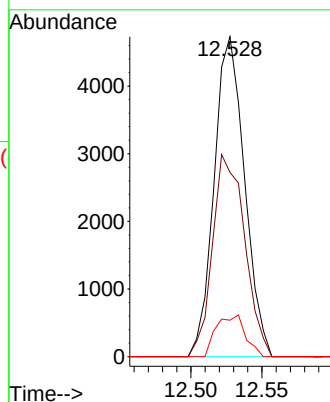
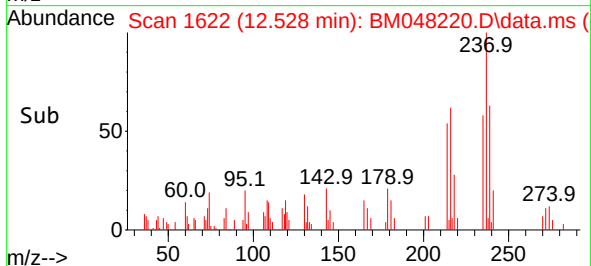
Tgt Ion:	237	Resp:	704
Ion Ratio	Lower	Upper	
237	100		
235	57.6	44.2	84.2
272	11.4	0.0	32.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#42

2,4,6-Tribromophenol

Concen: 100.544 ng

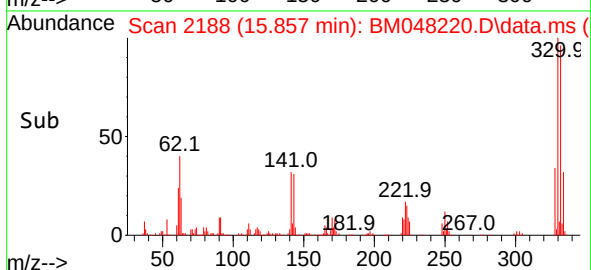
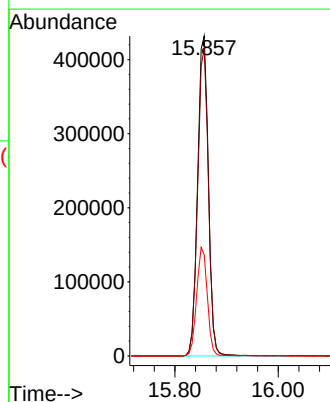
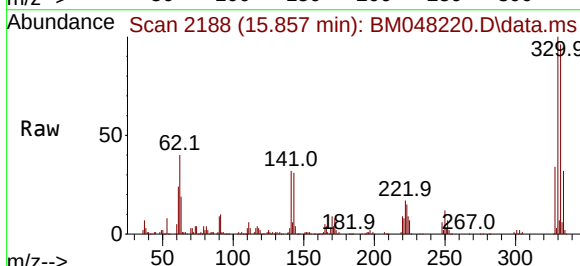
RT: 15.857 min Scan# 2188

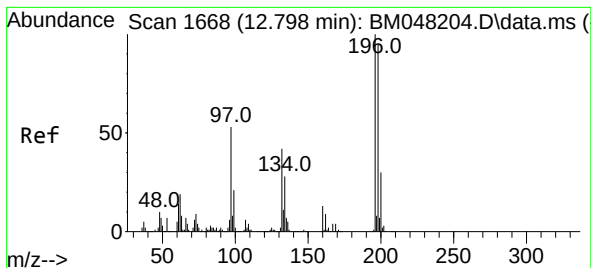
Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:	330	Resp:	626145
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.5	116.3
141	33.6	27.5	41.3





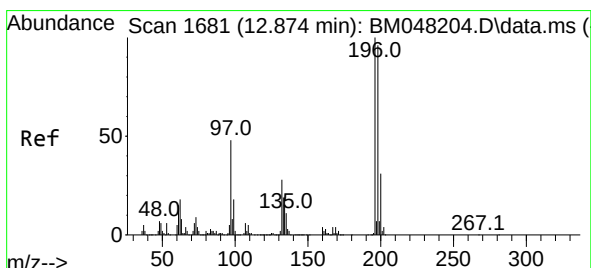
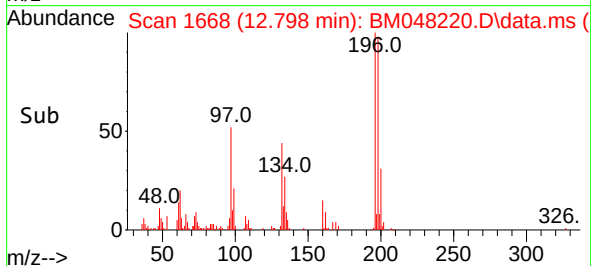
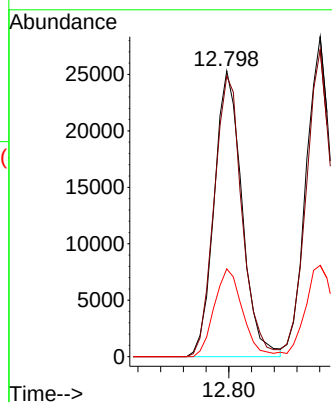
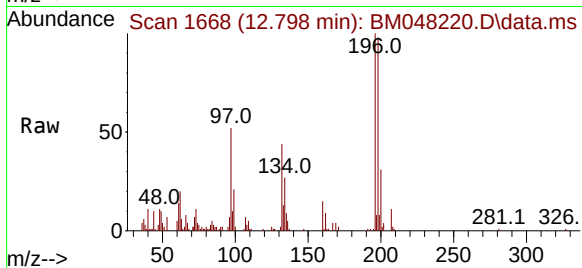
#43
2,4,6-Trichlorophenol
Concen: 4.445 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

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

Tgt Ion:196 Resp: 4289
Ion Ratio Lower Upper
196 100
198 98.2 76.2 114.2
200 30.7 24.2 36.2

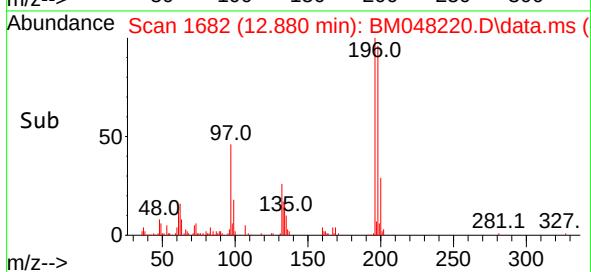
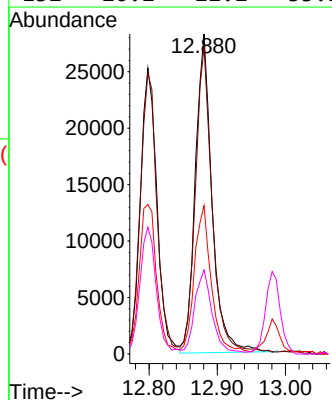
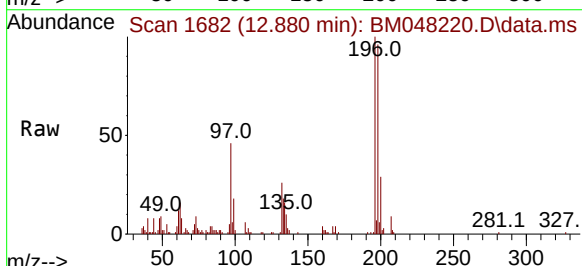
Manual Integrations
APPROVED

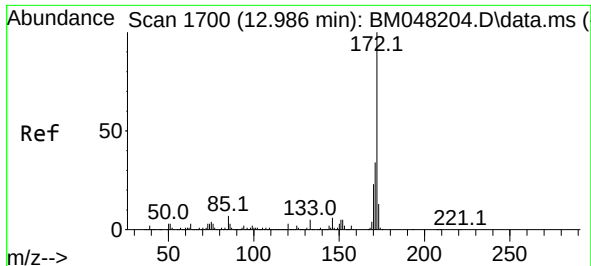
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#44
2,4,5-Trichlorophenol
Concen: 4.457 ng
RT: 12.880 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

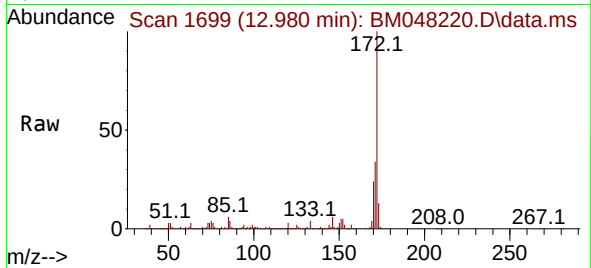
Tgt Ion:196 Resp: 47963
Ion Ratio Lower Upper
196 100
198 96.0 76.7 115.1
97 46.3 38.5 57.7
132 26.2 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 71.292 ng
RT: 12.980 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

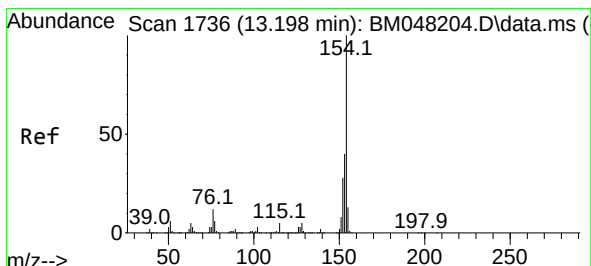
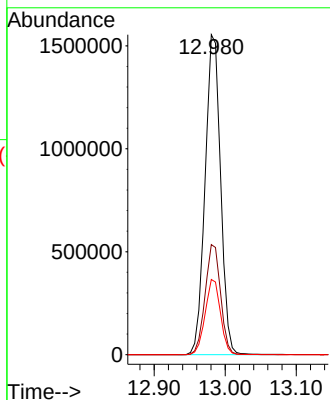
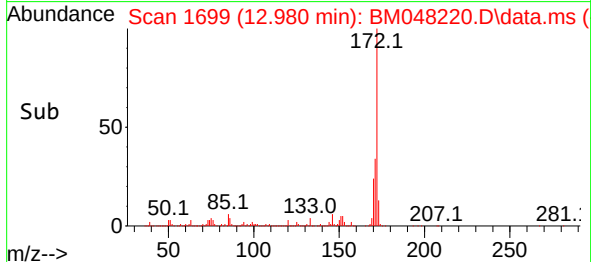
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:172 Resp: 236379
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.5 18.5 27.7

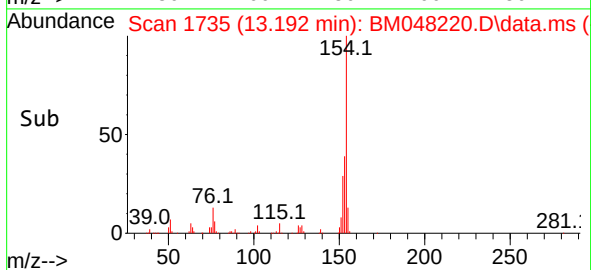
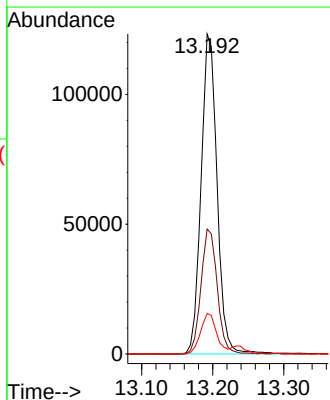
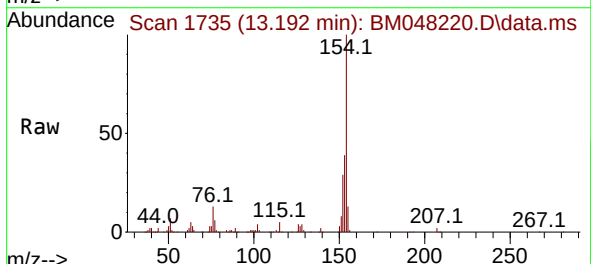
Manual Integrations
APPROVED

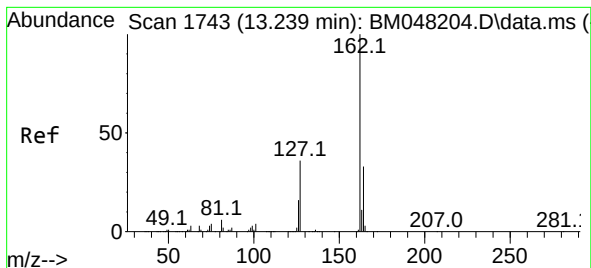
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 5.312 ng
RT: 13.192 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

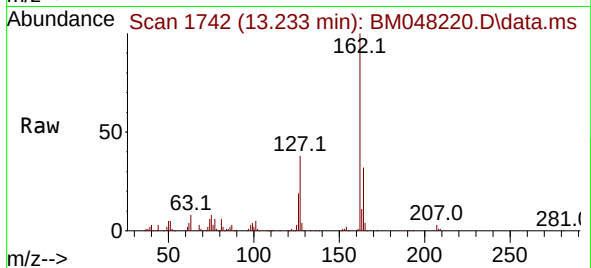
Tgt Ion:154 Resp: 192948
Ion Ratio Lower Upper
154 100
153 39.1 19.9 59.9
76 12.7 0.0 32.4





#47
2-Chloronaphthalene
Concen: 4.930 ng
RT: 13.233 min Scan# 1743
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

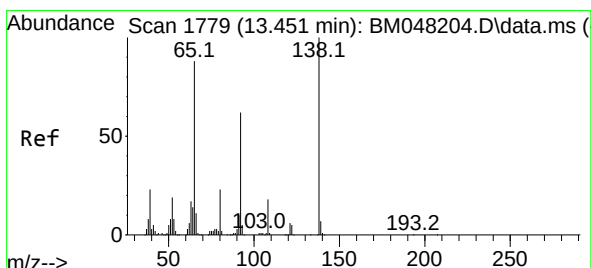
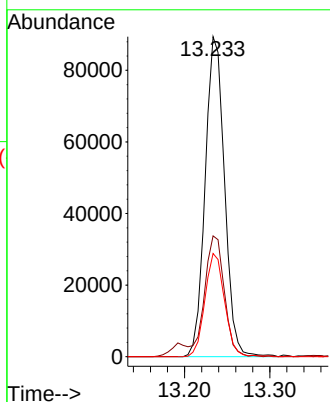
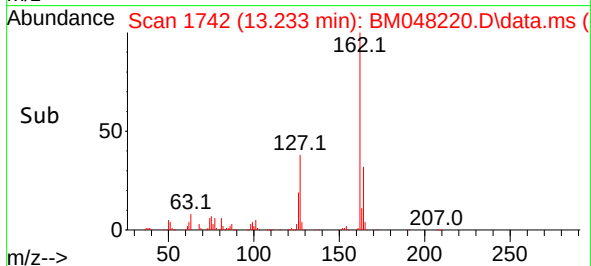
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:162 Resp: 14119
Ion Ratio Lower Upper
162 100
127 37.8 31.0 46.6
164 32.3 26.2 39.4

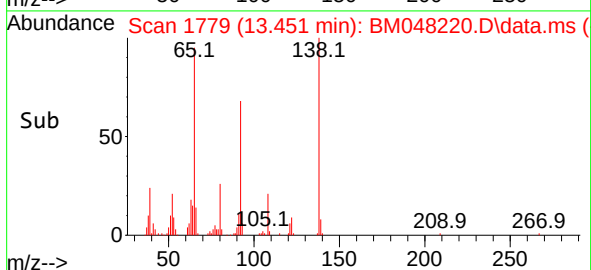
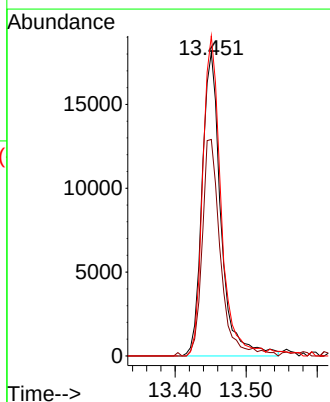
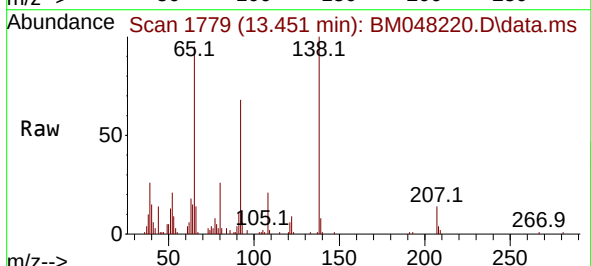
Manual Integrations
APPROVED

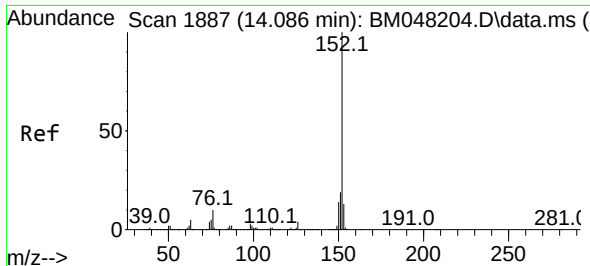
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#48
2-Nitroaniline
Concen: 4.294 ng
RT: 13.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

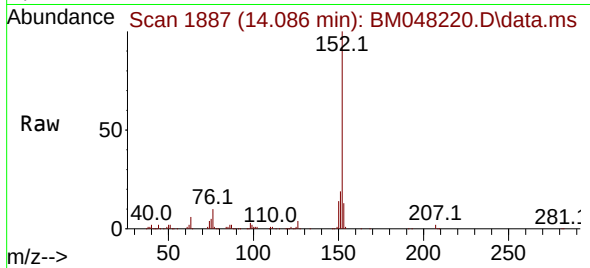
Tgt Ion: 65 Resp: 33359
Ion Ratio Lower Upper
65 100
92 71.4 56.0 84.0
138 105.5 90.8 136.2





#49
Acenaphthylene
Concen: 5.275 ng
RT: 14.086 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

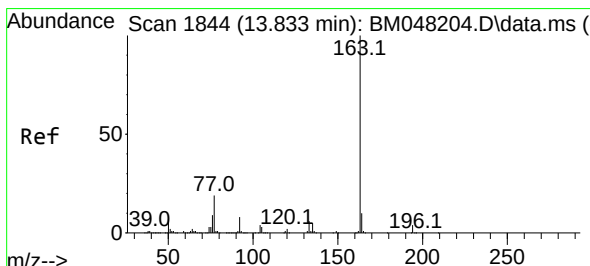
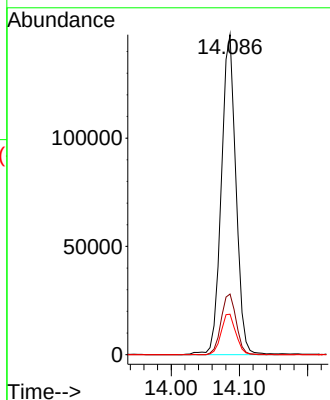
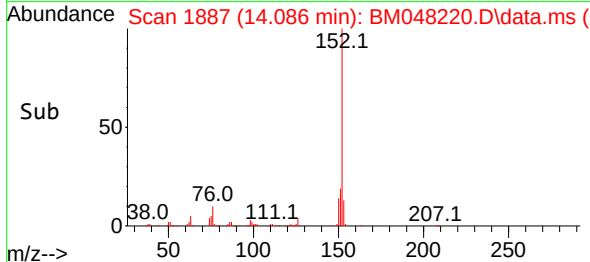
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



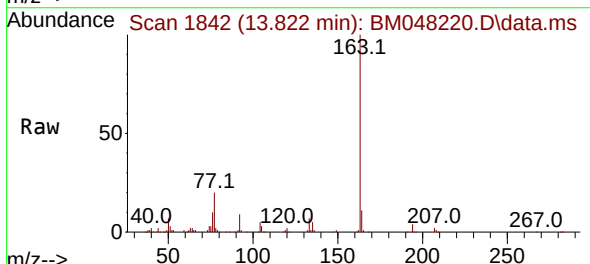
Tgt Ion:152 Resp: 220438
Ion Ratio Lower Upper
152 100
151 18.9 15.4 23.2
153 12.6 10.5 15.7

Manual Integrations
APPROVED

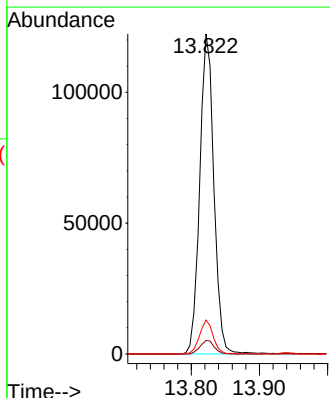
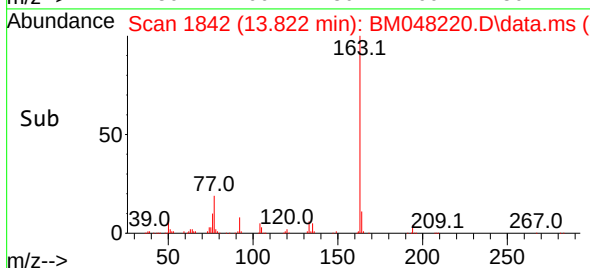
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

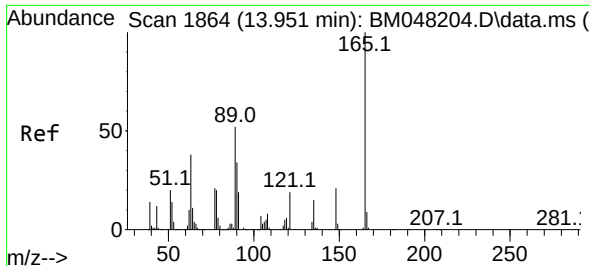


#50
Dimethylphthalate
Concen: 5.072 ng
RT: 13.822 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08



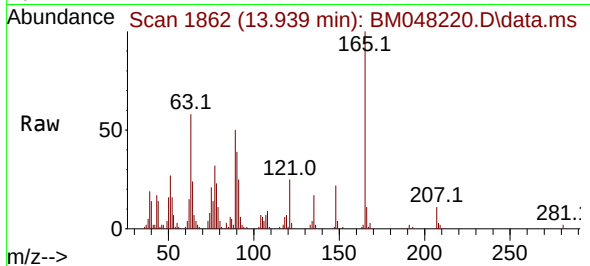
Tgt Ion:163 Resp: 176165
Ion Ratio Lower Upper
163 100
194 4.2 3.1 4.7
164 10.6 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 4.251 ng
RT: 13.939 min Scan# 1862
Delta R.T. -0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

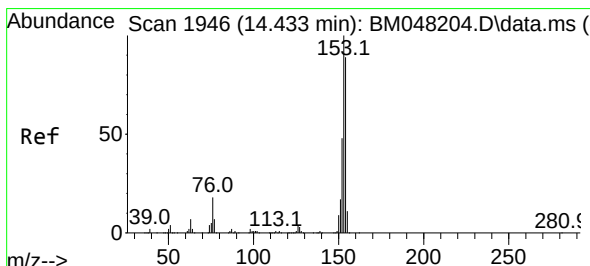
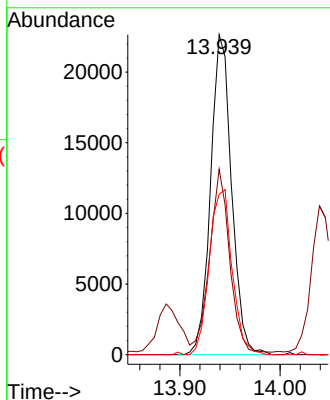
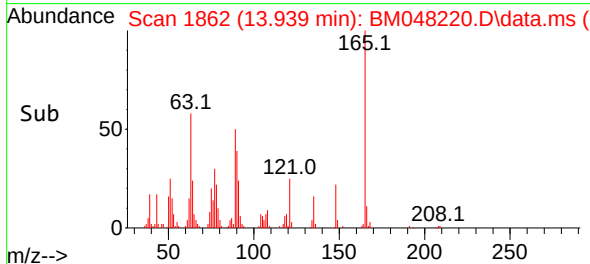
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 32948
Ion Ratio Lower Upper
165 100
63 58.0 39.5 59.3
89 50.1 41.8 62.6

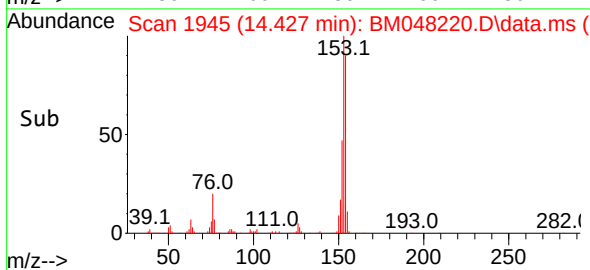
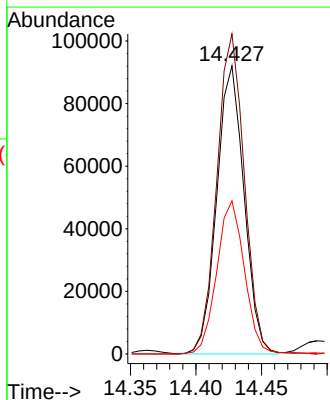
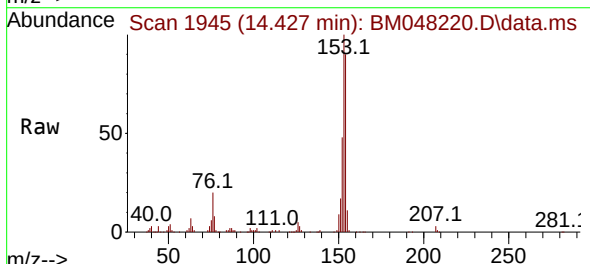
Manual Integrations
APPROVED

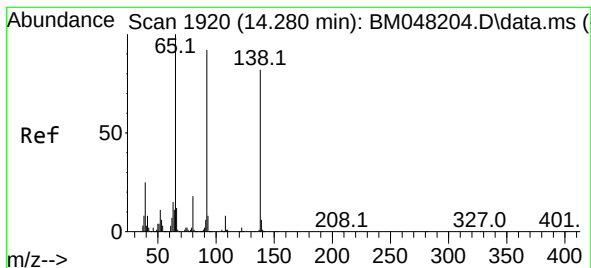
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 5.011 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:154 Resp: 133036
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 53.2 43.6 65.4





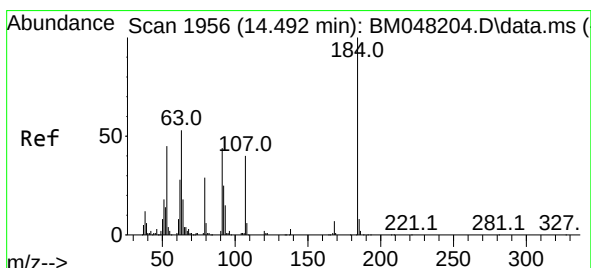
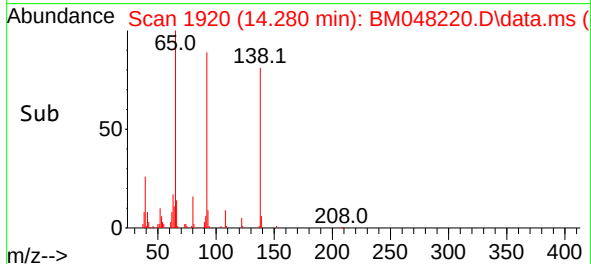
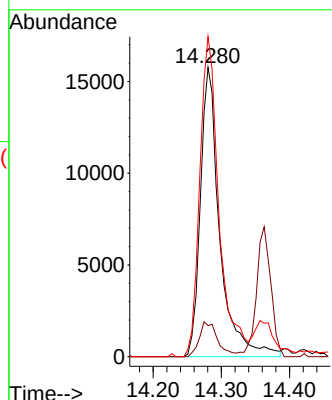
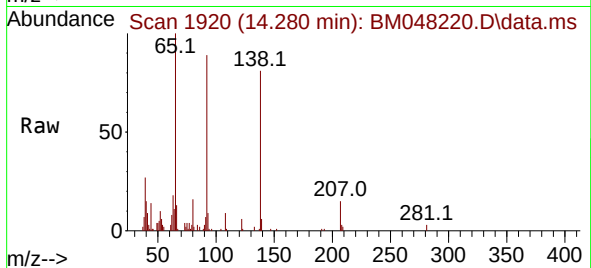
#53
3-Nitroaniline
Concen: 4.251 ng
RT: 14.280 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

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

Tgt Ion:138 Resp: 31068
Ion Ratio Lower Upper
138 100
108 10.8 7.5 11.3
92 110.7 89.7 134.5

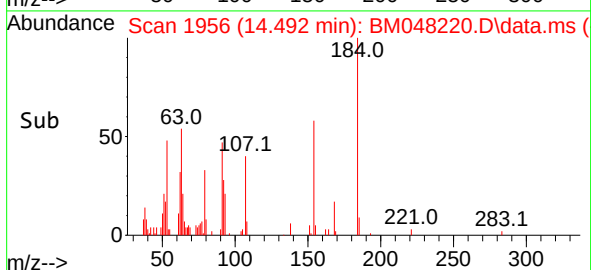
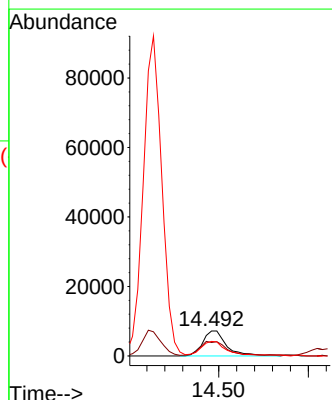
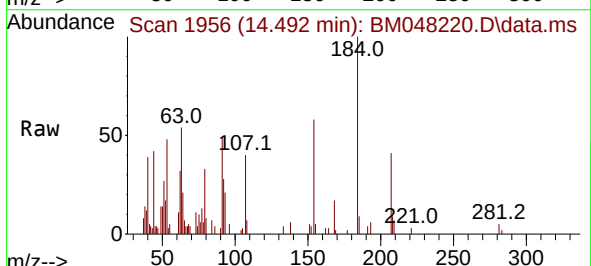
Manual Integrations
APPROVED

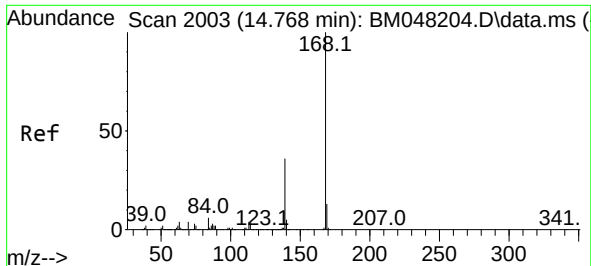
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 2.936 ng
RT: 14.492 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

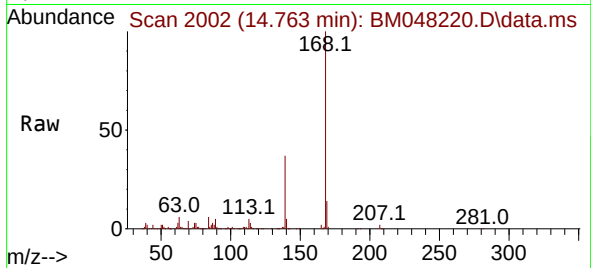
Tgt Ion:184 Resp: 13298
Ion Ratio Lower Upper
184 100
63 53.7 47.2 70.8
154 58.3 46.0 69.0





#55
Dibenzenofuran
Concen: 5.212 ng
RT: 14.763 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

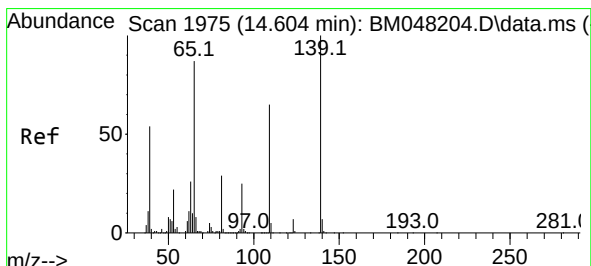
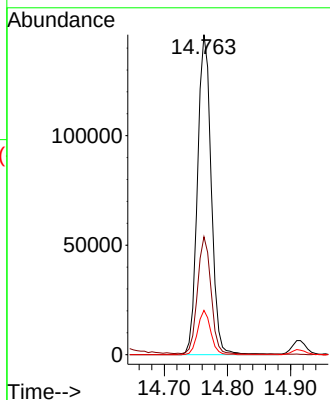
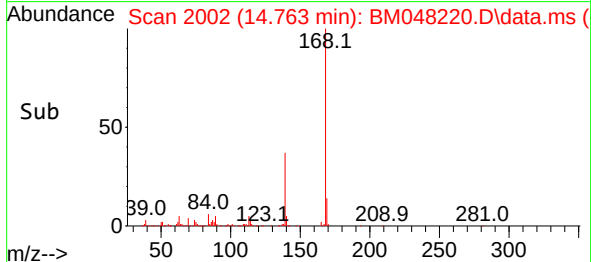
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:168 Resp: 21985
Ion Ratio Lower Upper
168 100
139 36.8 29.0 43.6
169 13.9 10.4 15.6

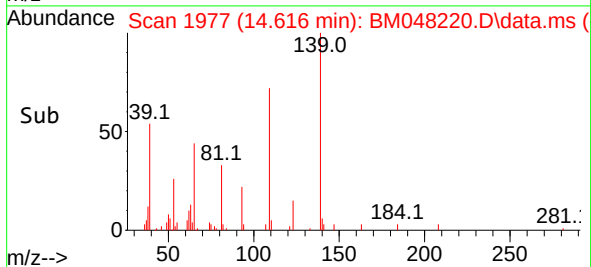
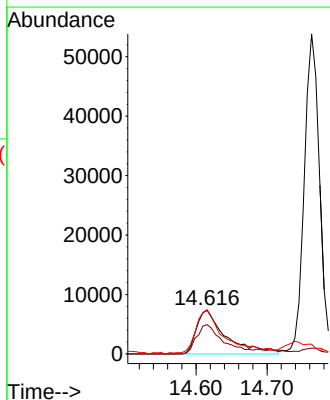
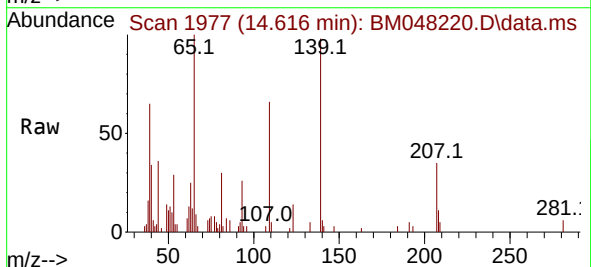
Manual Integrations
APPROVED

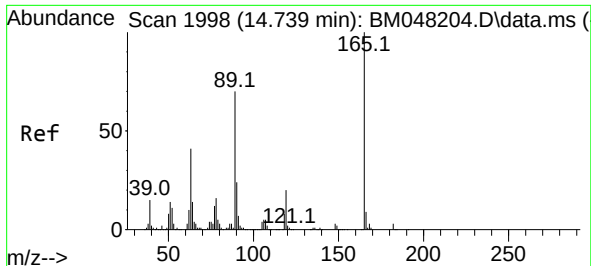
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#56
4-Nitrophenol
Concen: 3.233 ng
RT: 14.616 min Scan# 1977
Delta R.T. 0.012 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

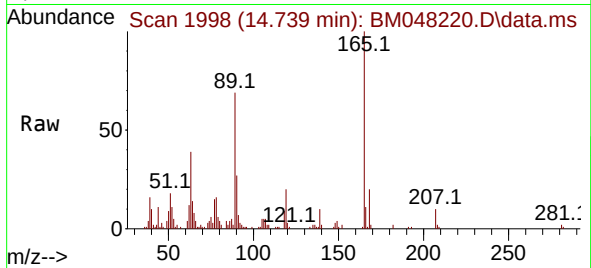
Tgt Ion:139 Resp: 21089
Ion Ratio Lower Upper
139 100
109 67.4 45.4 85.4
65 101.8 67.3 107.3





#57
2,4-Dinitrotoluene
Concen: 3.965 ng
RT: 14.739 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

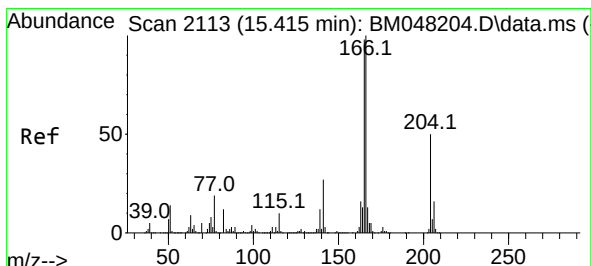
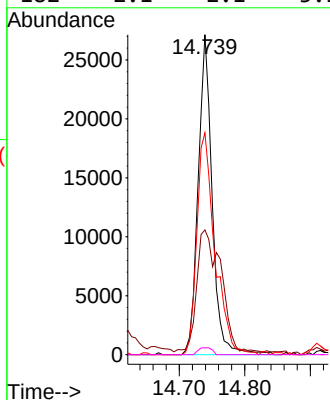
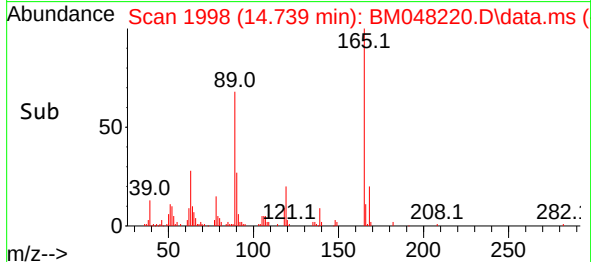
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:165 Resp: 4058
Ion Ratio Lower Upper
165 100
63 39.0 33.0 49.4
89 69.3 55.8 83.6
182 2.1 2.1 3.1

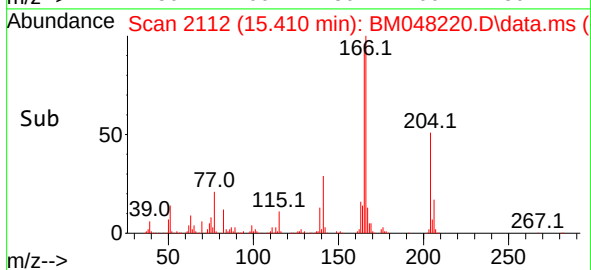
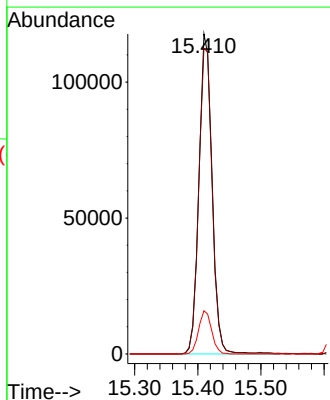
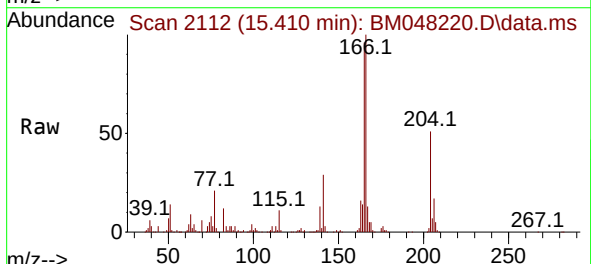
Manual Integrations
APPROVED

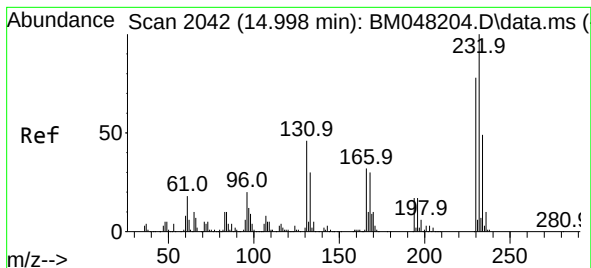
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#58
Fluorene
Concen: 5.082 ng
RT: 15.410 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

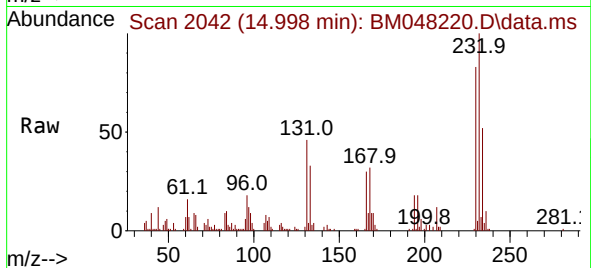
Tgt Ion:166 Resp: 169517
Ion Ratio Lower Upper
166 100
165 95.6 78.4 117.6
167 13.5 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 4.944 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

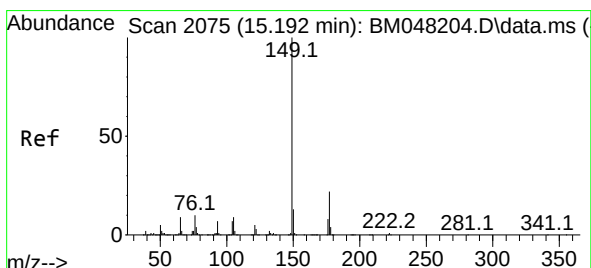
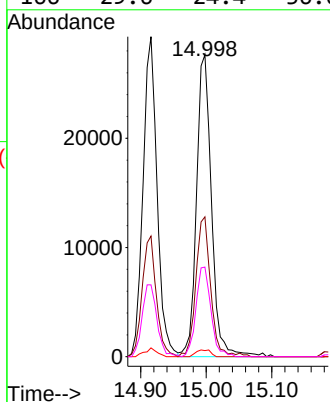
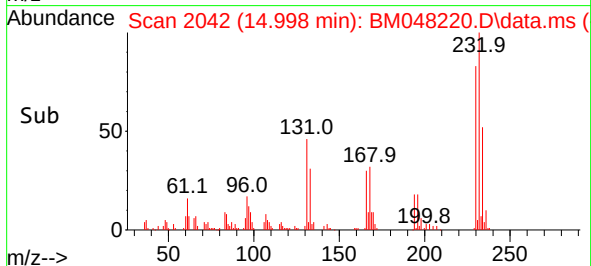
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:232 Resp: 44104
Ion Ratio Lower Upper
232 100
131 45.6 35.5 53.3
130 2.2 1.8 2.6
166 29.6 24.4 36.6

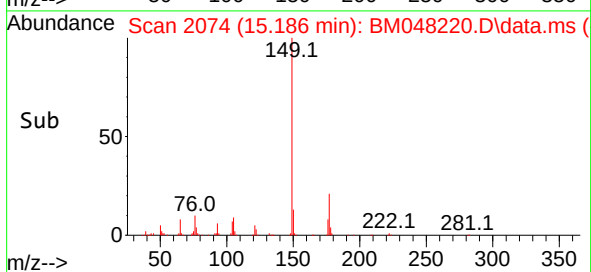
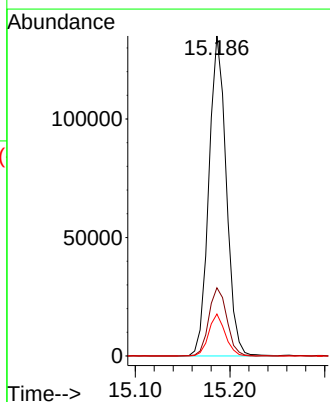
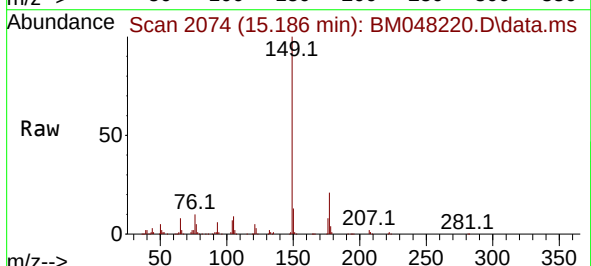
Manual Integrations
APPROVED

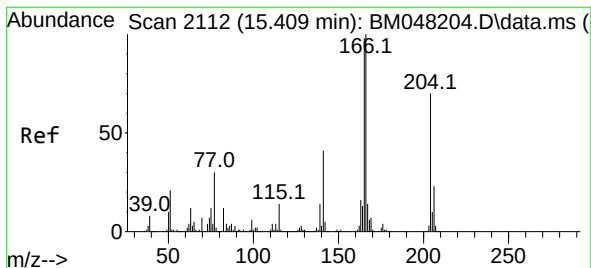
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#60
Diethylphthalate
Concen: 4.888 ng
RT: 15.186 min Scan# 2074
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

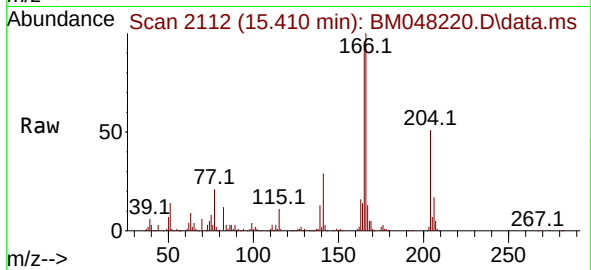
Tgt Ion:149 Resp: 171899
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 13.1 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 5.083 ng
RT: 15.410 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

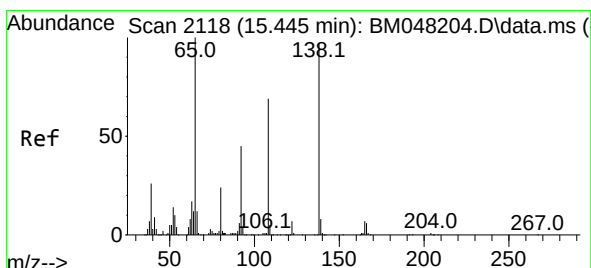
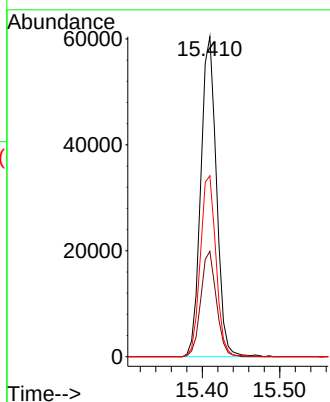
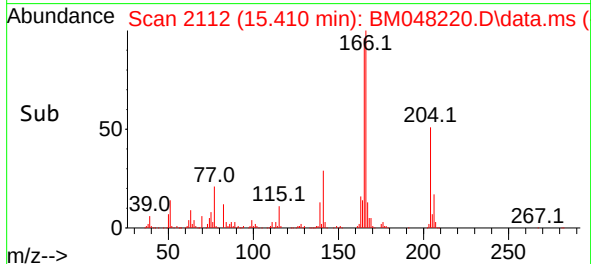
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:204 Resp: 84769
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.4
141 56.6 47.0 70.6

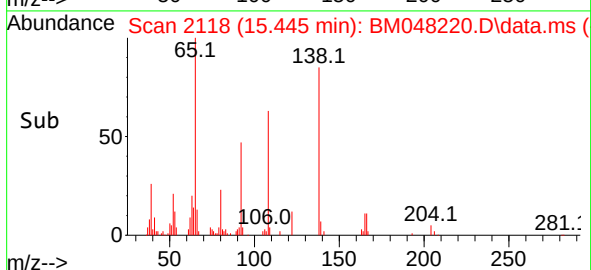
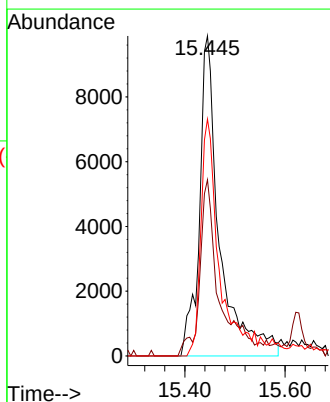
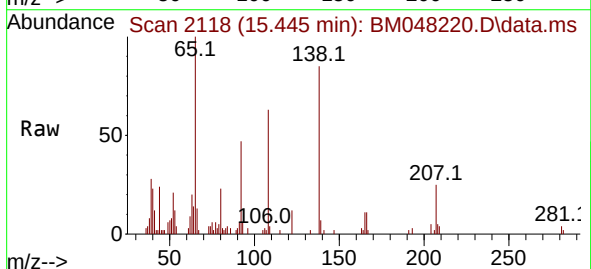
Manual Integrations
APPROVED

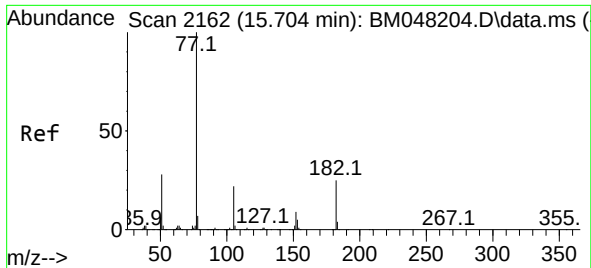
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#62
4-Nitroaniline
Concen: 3.666 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

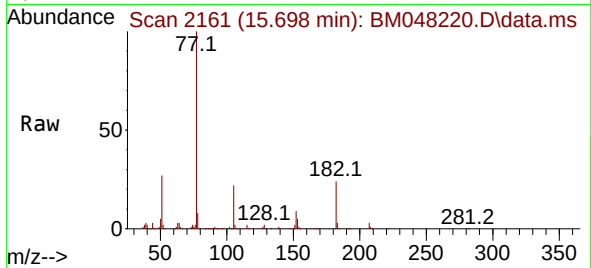
Tgt Ion:138 Resp: 27733
Ion Ratio Lower Upper
138 100
92 55.1 26.9 66.9
108 74.0 51.3 91.3





#63
Azobenzene
Concen: 4.888 ng
RT: 15.698 min Scan# 2161
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

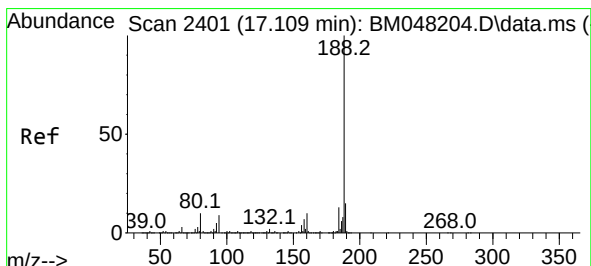
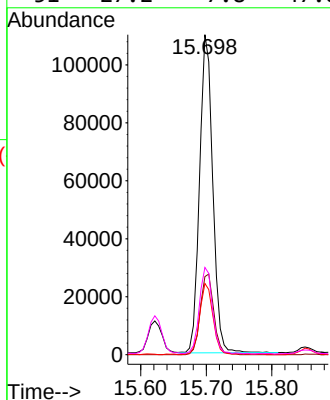
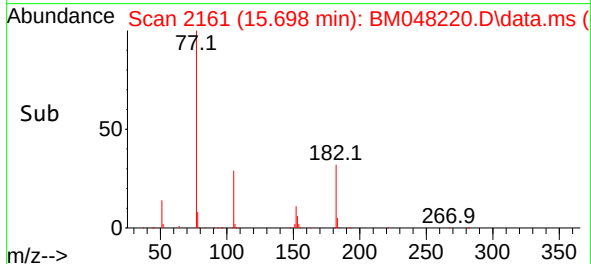
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion: 77 Resp: 154052
Ion Ratio Lower Upper
77 100
182 24.4 5.3 45.3
105 22.2 1.6 41.6
51 27.2 7.8 47.8

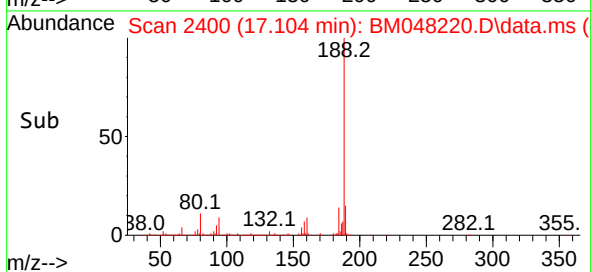
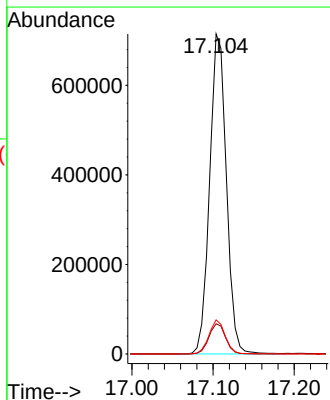
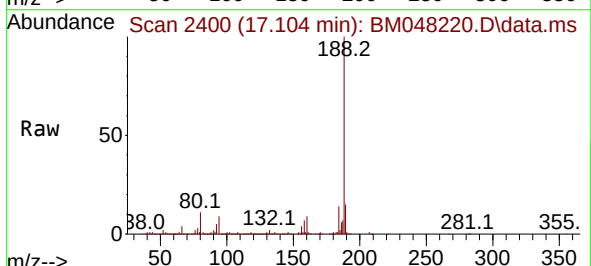
Manual Integrations
APPROVED

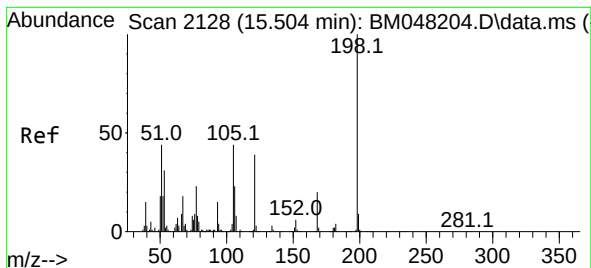
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

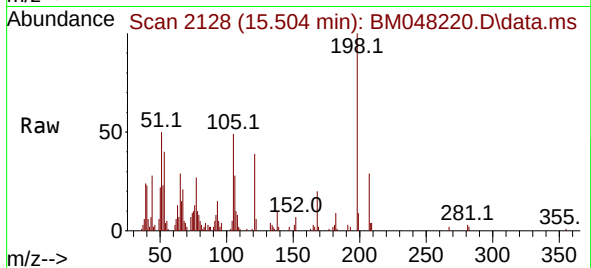
Tgt Ion:188 Resp: 1023122
Ion Ratio Lower Upper
188 100
94 9.5 7.3 10.9
80 10.7 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 3.455 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

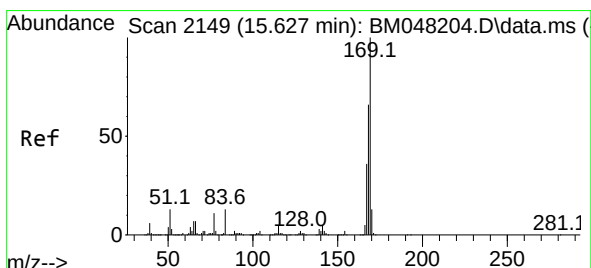
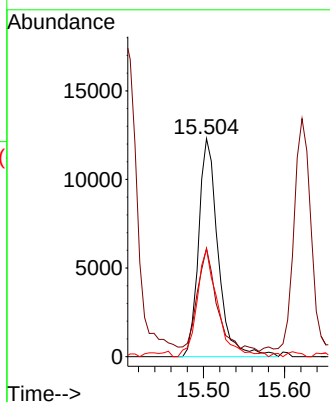
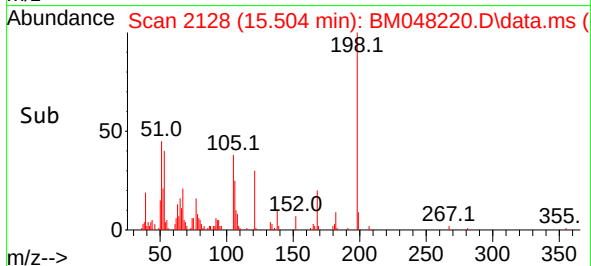
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



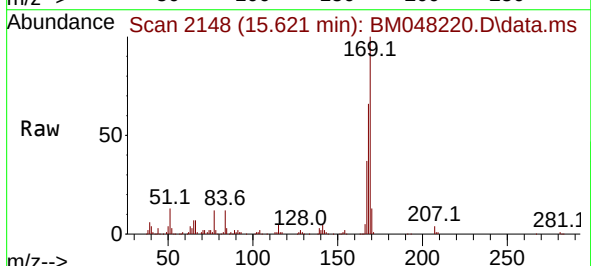
Tgt Ion:198 Resp: 2051
Ion Ratio Lower Upper
198 100
51 49.8 25.4 65.4
105 49.4 23.9 63.9

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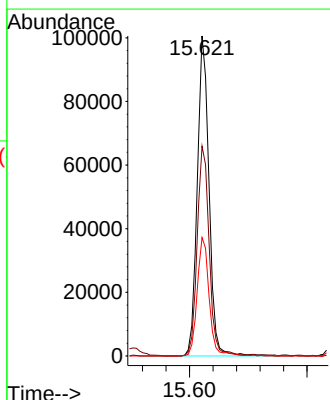
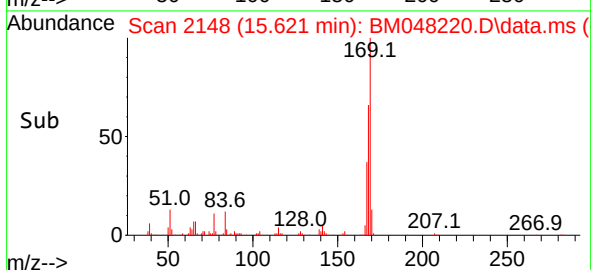
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

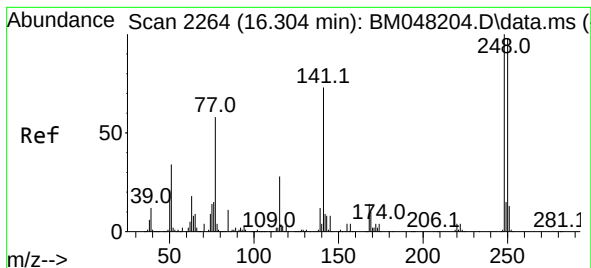


#66
n-Nitrosodiphenylamine
Concen: 4.971 ng
RT: 15.621 min Scan# 2148
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08



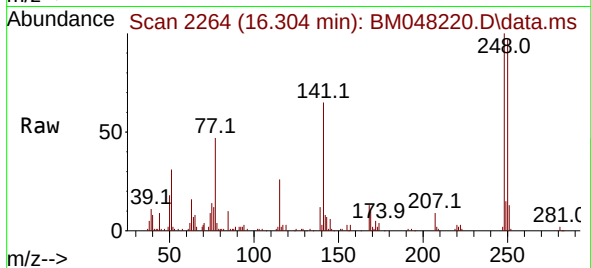
Tgt Ion:169 Resp: 139611
Ion Ratio Lower Upper
169 100
168 65.6 52.9 79.3
167 37.0 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 4.948 ng
RT: 16.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

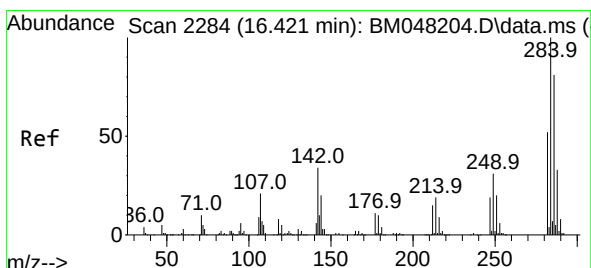
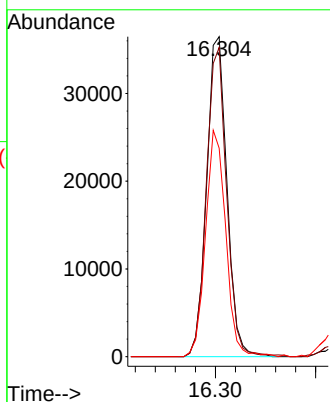
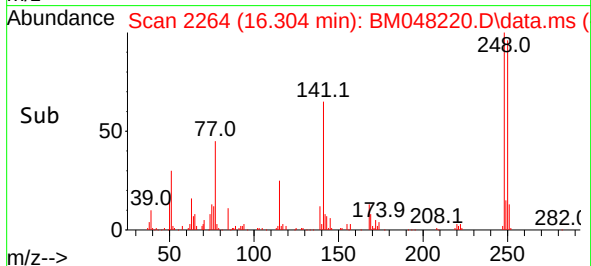
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



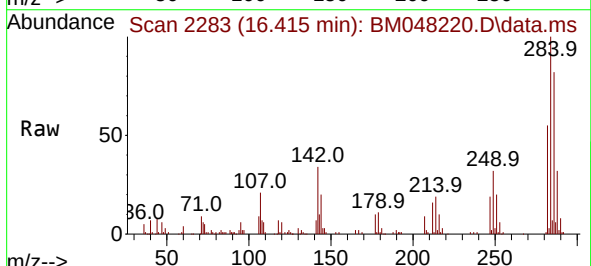
Tgt Ion:248 Resp: 5133
Ion Ratio Lower Upper
248 100
250 96.7 78.3 117.5
141 65.2 58.0 87.0

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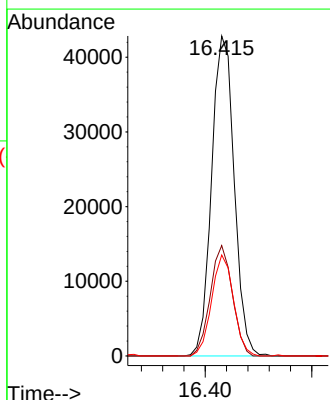
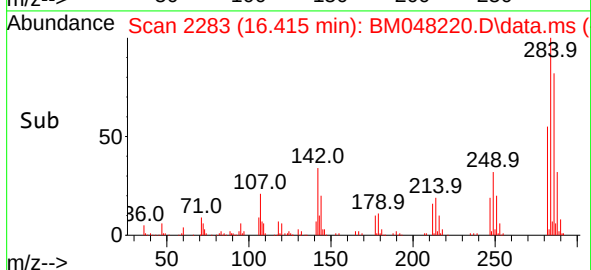
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

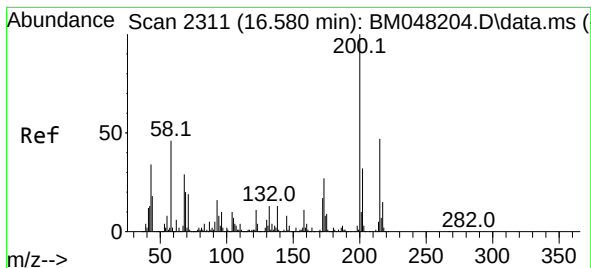


#68
Hexachlorobenzene
Concen: 5.055 ng
RT: 16.415 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08



Tgt Ion:284 Resp: 62984
Ion Ratio Lower Upper
284 100
142 34.5 27.0 40.4
249 31.6 24.6 36.8





#69

Atrazine

Concen: 6.095 ng

RT: 16.574 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

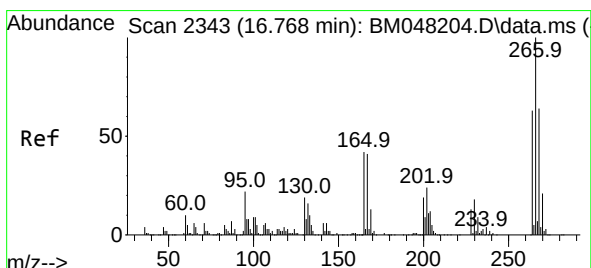
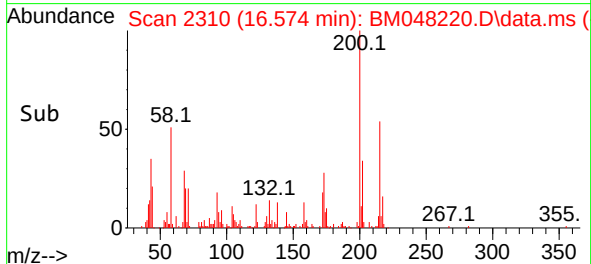
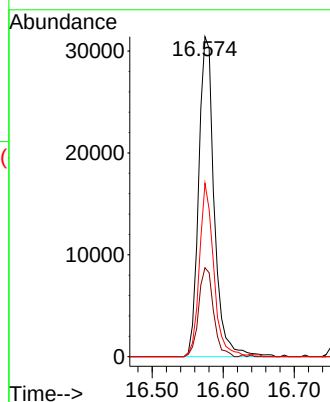
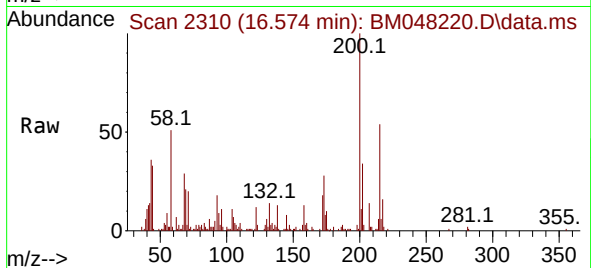
Tgt Ion:200 Resp: 47890
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.5 46.5
 215 54.2 27.2 67.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#70

Pentachlorophenol

Concen: 4.132 ng

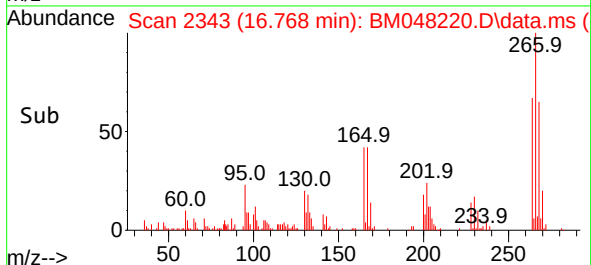
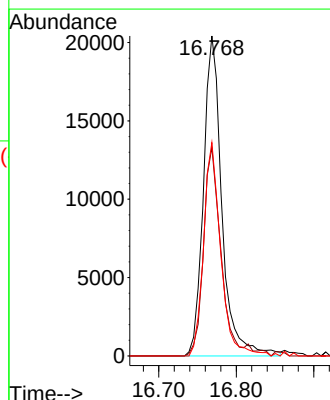
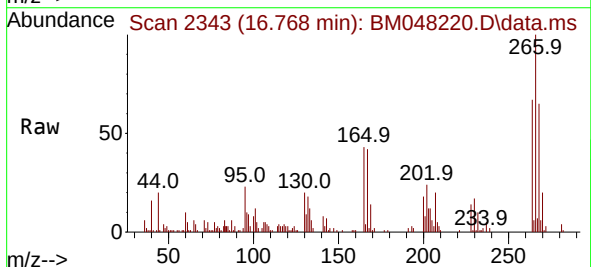
RT: 16.768 min Scan# 2343

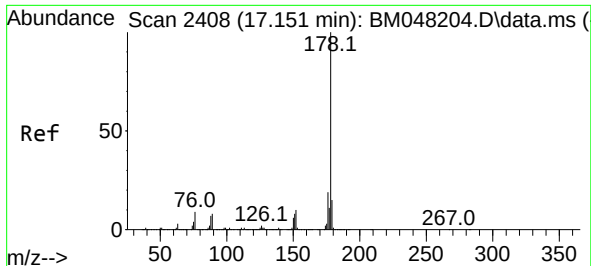
Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

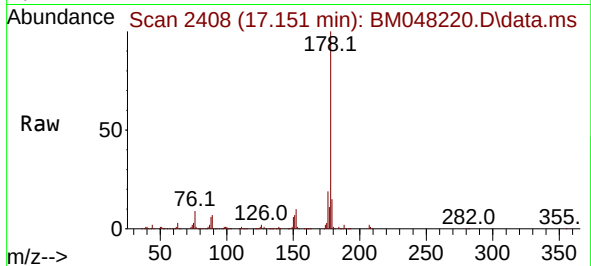
Tgt Ion:266 Resp: 33799
 Ion Ratio Lower Upper
 266 100
 268 65.1 50.8 76.2
 264 66.7 50.2 75.2





#71
Phenanthrene
Concen: 5.340 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

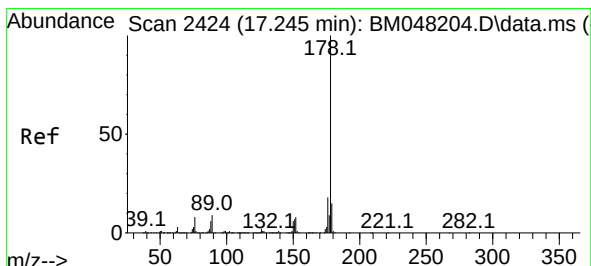
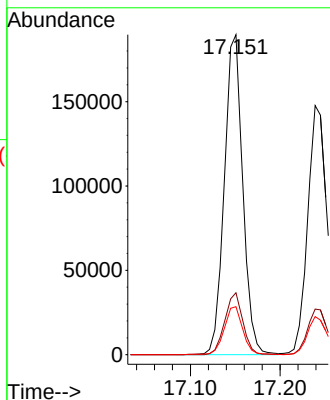
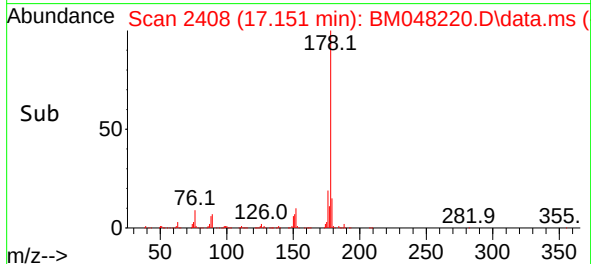
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:178 Resp: 27052
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 15.0 12.4 18.6

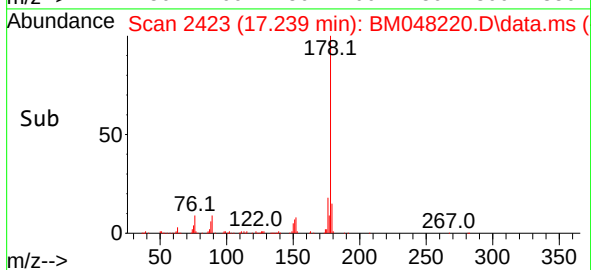
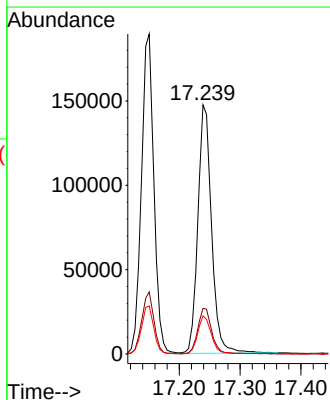
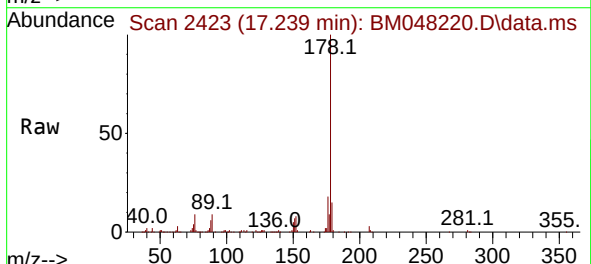
Manual Integrations
APPROVED

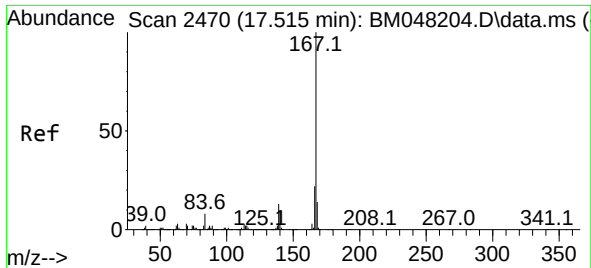
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#72
Anthracene
Concen: 4.705 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

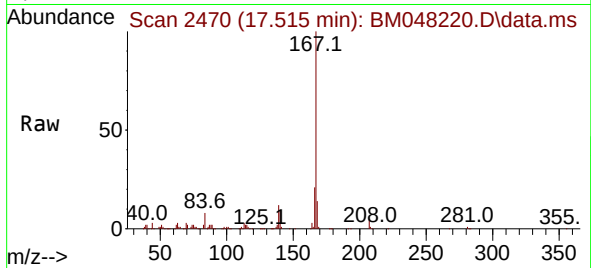
Tgt Ion:178 Resp: 230742
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.3 12.2 18.2





#73
 Carbazole
 Concen: 4.786 ng
 RT: 17.515 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM048220.D
 Acq: 24 Oct 2024 17:08

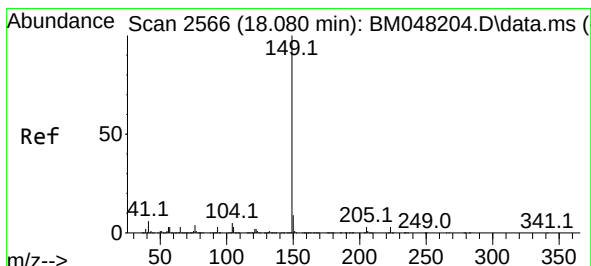
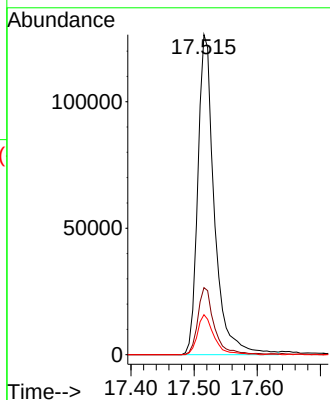
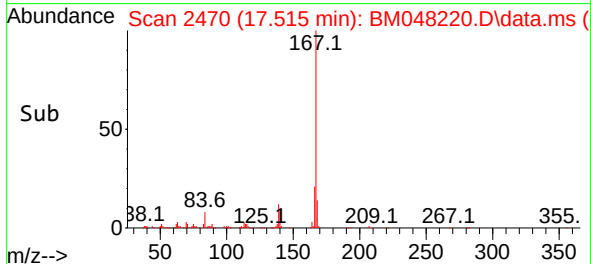
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT4-2024



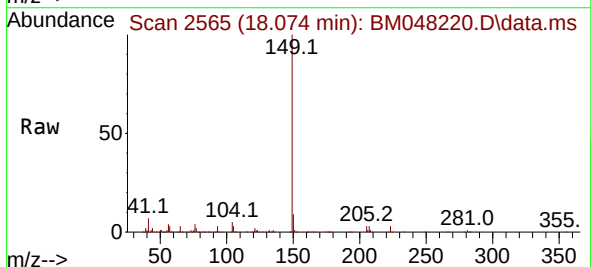
Tgt Ion:167 Resp: 230094
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.2 25.8
 139 12.5 10.4 15.6

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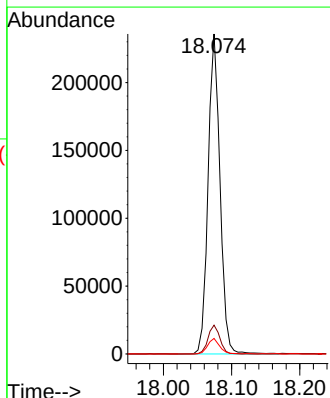
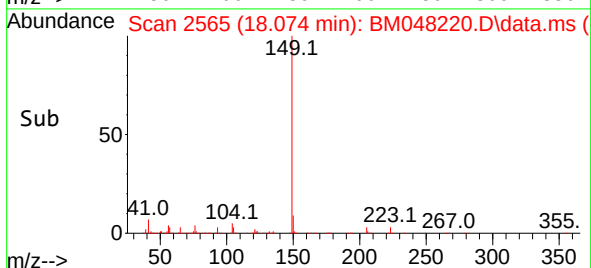
Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/26/2024

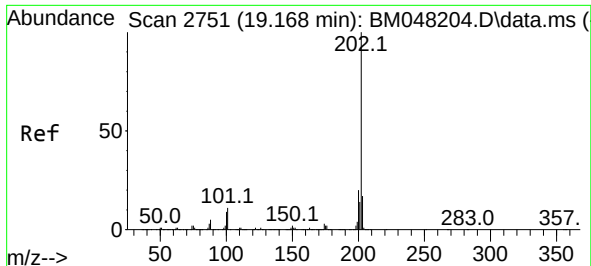


#74
 Di-n-butylphthalate
 Concen: 4.790 ng
 RT: 18.074 min Scan# 2565
 Delta R.T. -0.006 min
 Lab File: BM048220.D
 Acq: 24 Oct 2024 17:08



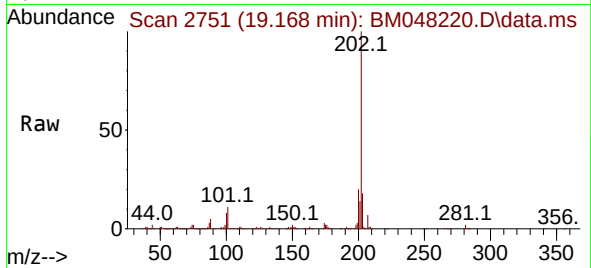
Tgt Ion:149 Resp: 286670
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.8 3.8 5.6





#75
Fluoranthene
Concen: 4.965 ng
RT: 19.168 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

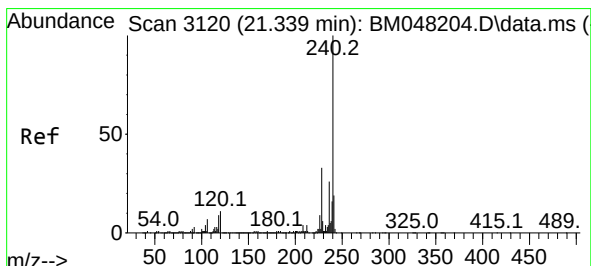
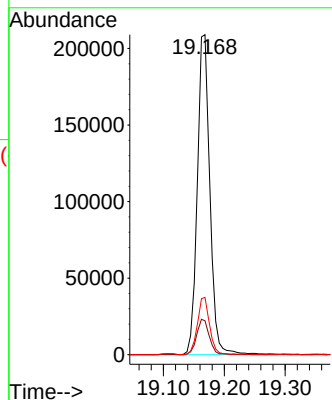
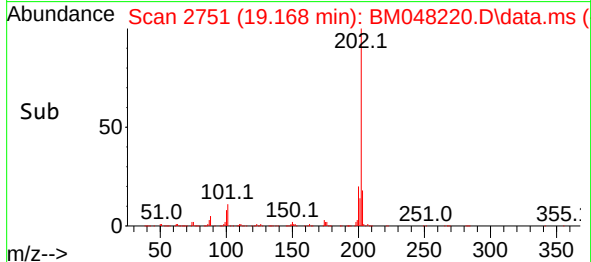
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:202 Resp: 300052
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.9 0.0 37.5

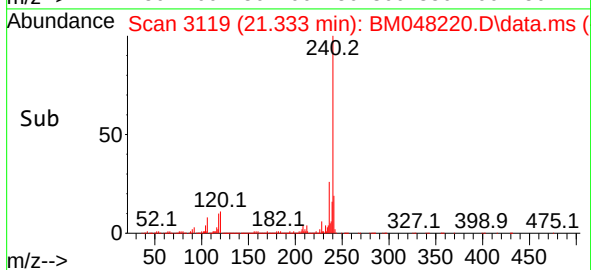
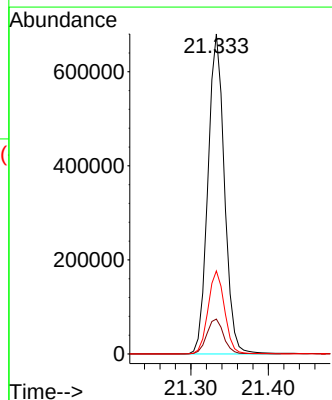
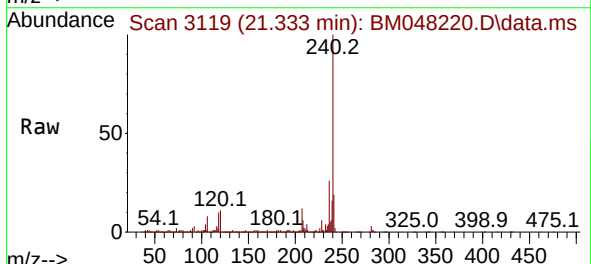
Manual Integrations
APPROVED

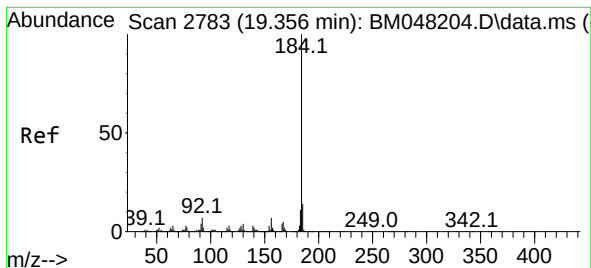
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:240 Resp: 1004888
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 26.0 20.7 31.1





#77

Benzidine

Concen: 3.920 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

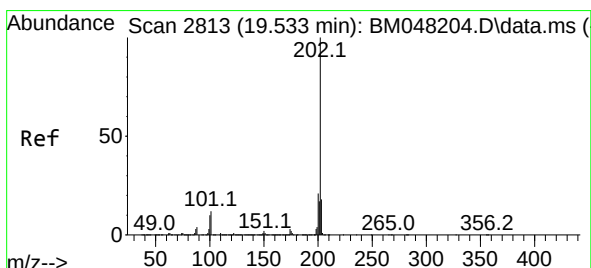
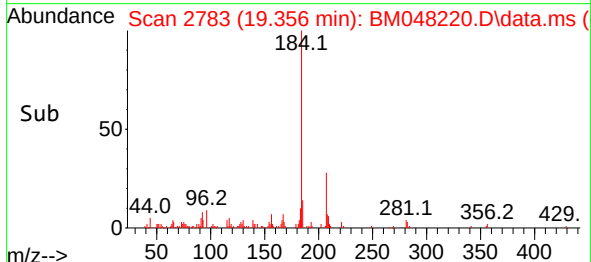
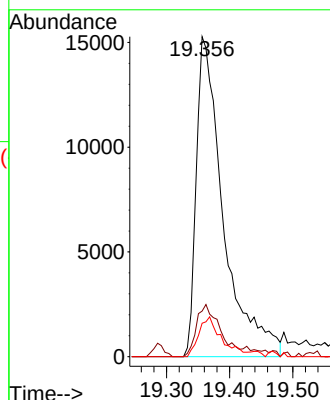
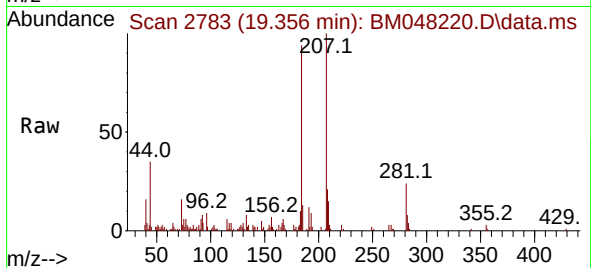
Tgt Ion:	184	Resp:	4545
Ion Ratio	Lower	Upper	
184	100		
185	14.2	11.4	17.0
183	10.5	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#78

Pyrene

Concen: 4.797 ng

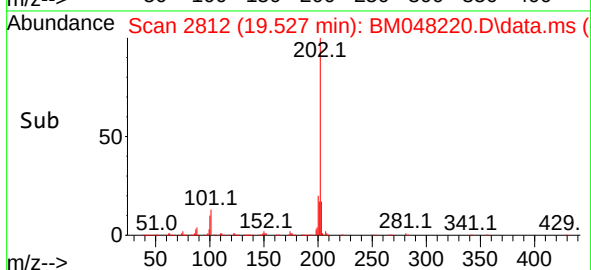
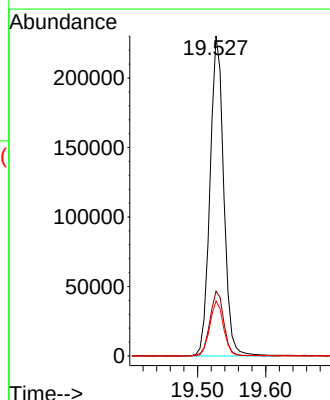
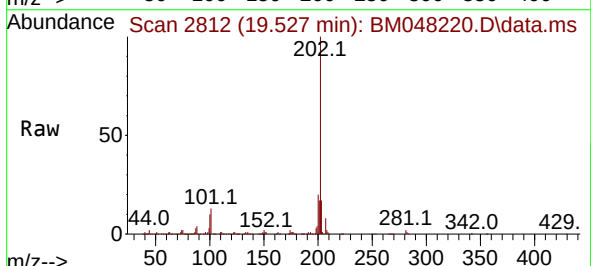
RT: 19.527 min Scan# 2812

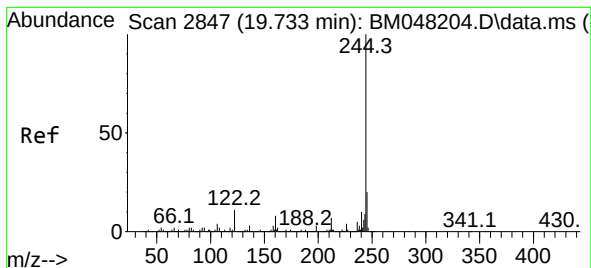
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:	202	Resp:	322626
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.9	25.3
203	17.2	14.1	21.1





#79

Terphenyl-d14

Concen: 68.380 ng

RT: 19.733 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BM048220.D

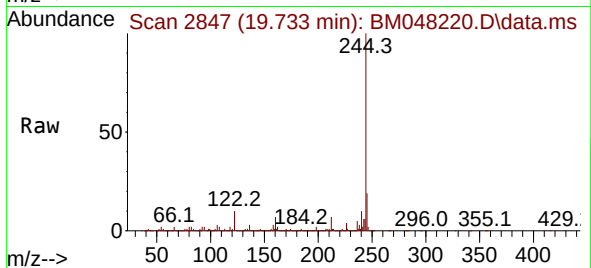
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:244 Resp: 336714

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

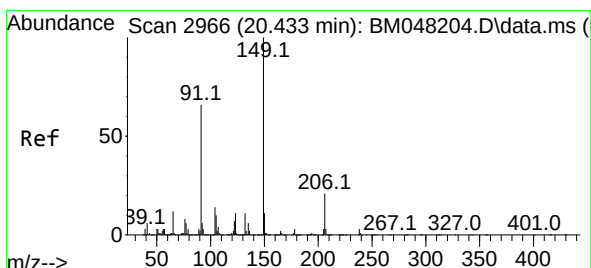
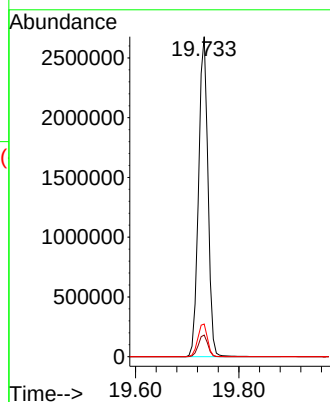
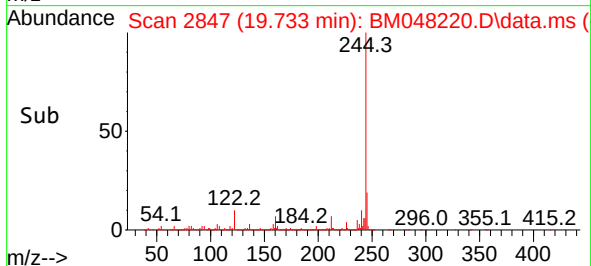
122 10.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#80

Butylbenzylphthalate

Concen: 4.471 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

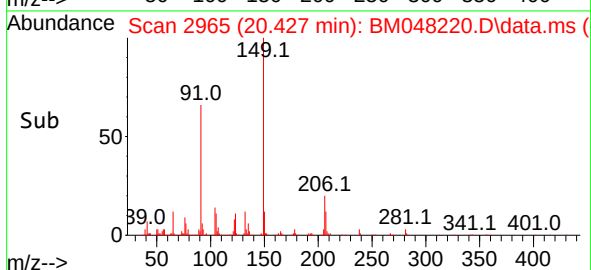
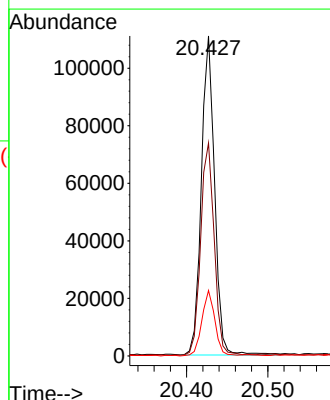
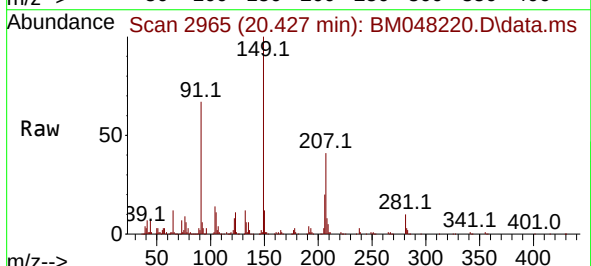
Tgt Ion:149 Resp: 125764

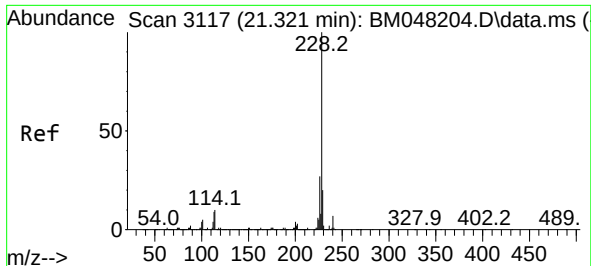
Ion Ratio Lower Upper

149 100

91 66.5 52.5 78.7

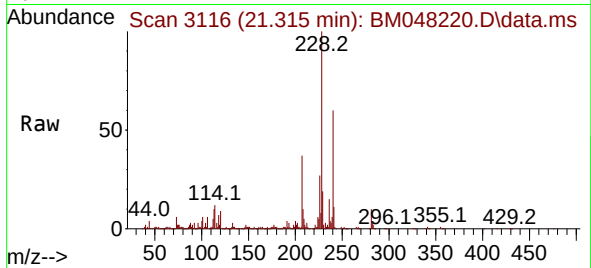
206 20.5 17.0 25.6





#81
Benzo(a)anthracene
Concen: 4.975 ng
RT: 21.315 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

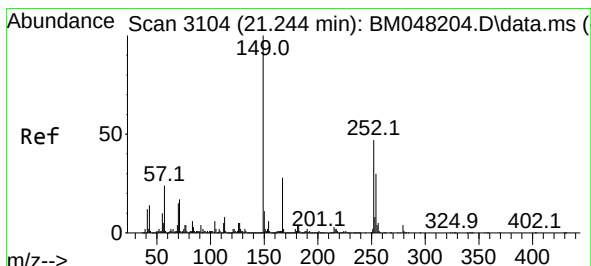
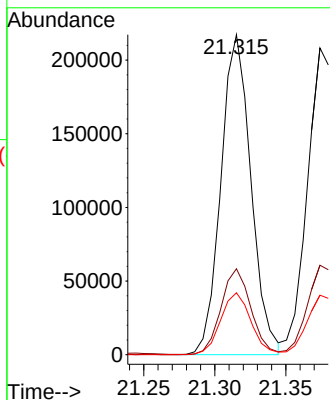
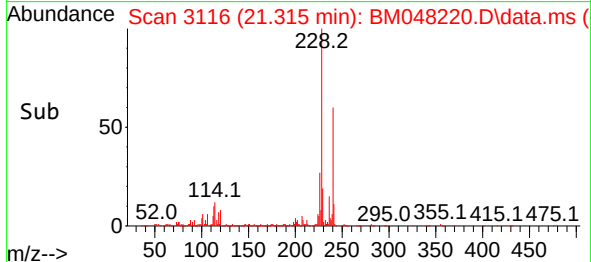
Instrument : BNA_M
ClientSampleId :
LOQ-WATER-02-QT4-2024



Tgt Ion:228 Resp: 31947
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.4 15.7 23.5

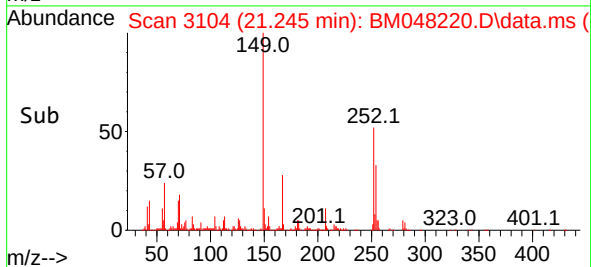
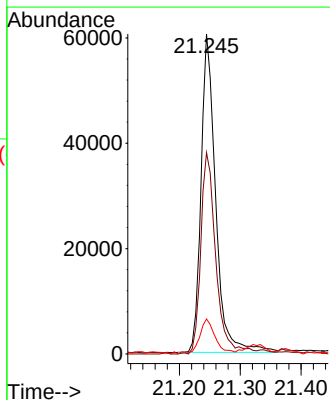
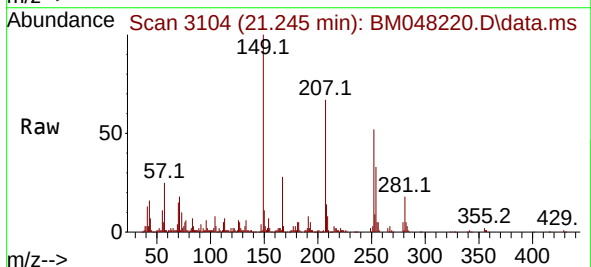
Manual Integrations
APPROVED

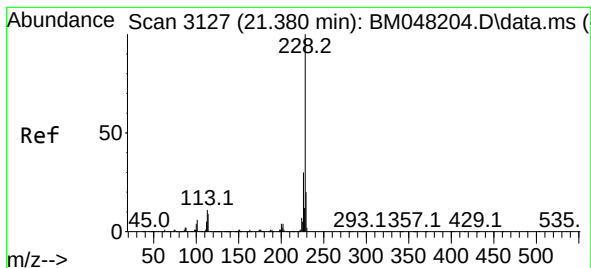
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 4.595 ng
RT: 21.245 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM048220.D
Acq: 24 Oct 2024 17:08

Tgt Ion:252 Resp: 101074
Ion Ratio Lower Upper
252 100
254 63.0 51.8 77.8
126 11.0 8.8 13.2





#83

Chrysene

Concen: 5.154 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

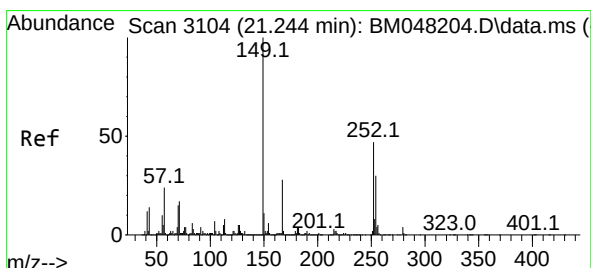
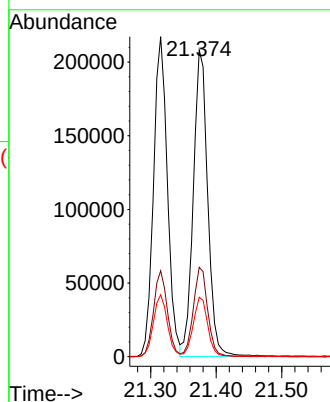
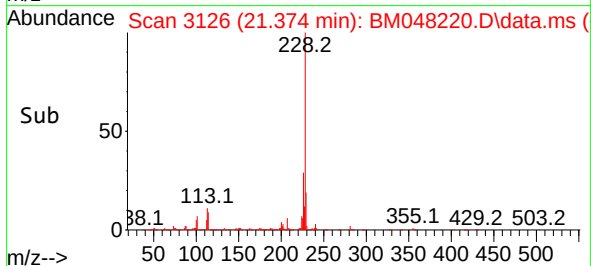
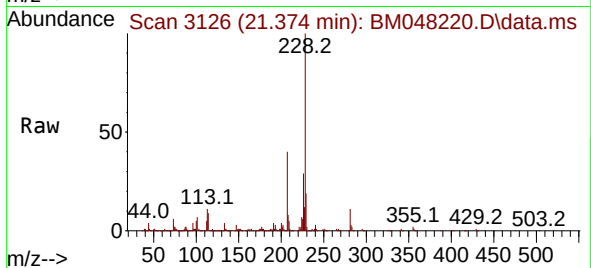
Tgt Ion:	228	Resp:	31770
Ion Ratio	Lower	Upper	
228	100		
226	29.1	23.5	35.3
229	19.4	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.748 ng

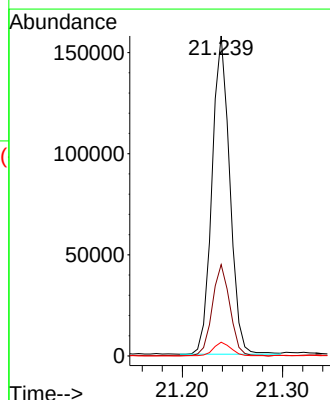
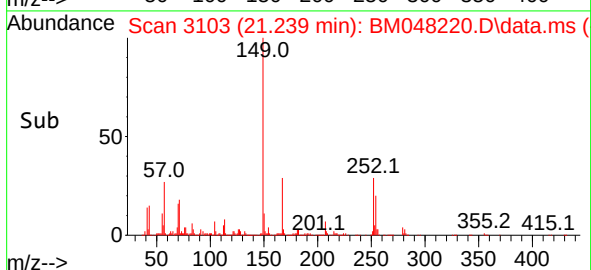
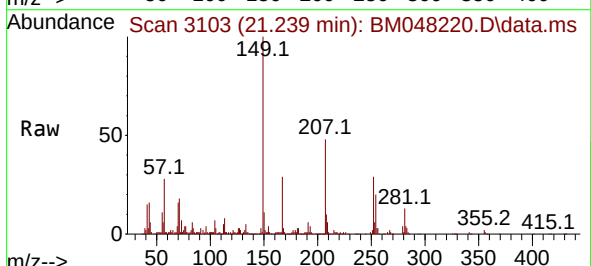
RT: 21.239 min Scan# 3103

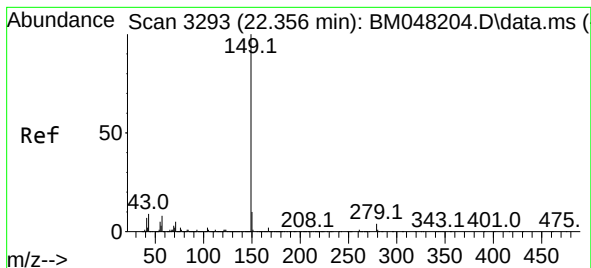
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:	149	Resp:	194086
Ion Ratio	Lower	Upper	
149	100		
167	28.6	22.5	33.7
279	4.3	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 4.211 ng

RT: 22.350 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

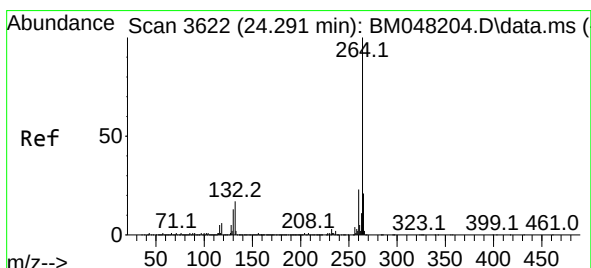
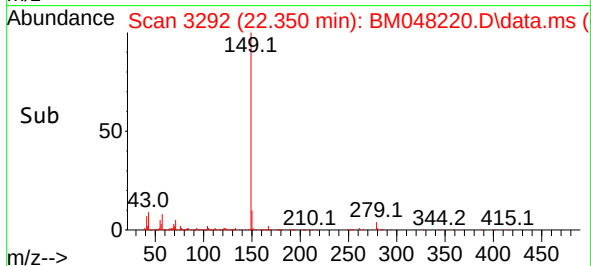
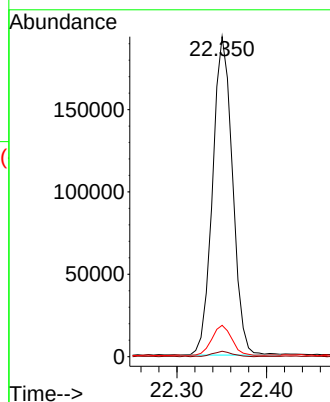
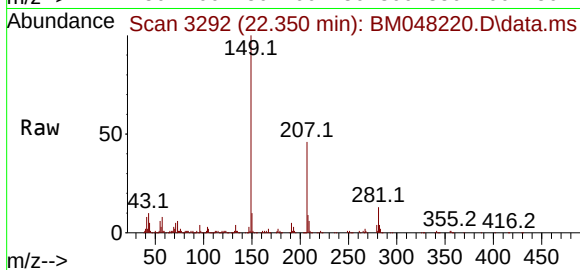
Tgt Ion:149	Resp: 29810
Ion Ratio	Lower Upper
149 100	
167 1.8	1.2 1.8
43 9.6	7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#86

Perylene-d12

Concen: 20.000 ng

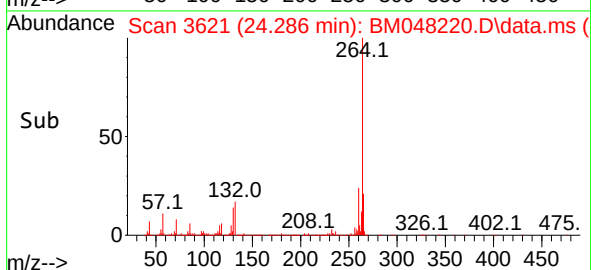
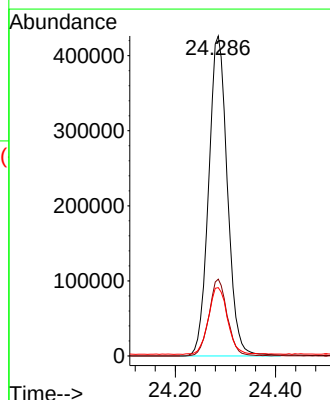
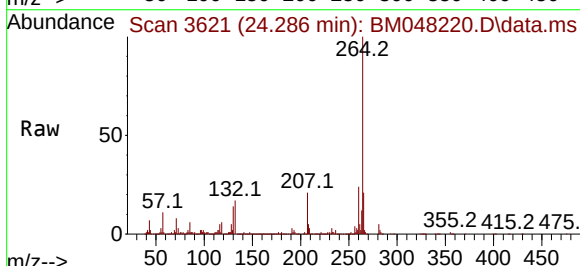
RT: 24.286 min Scan# 3621

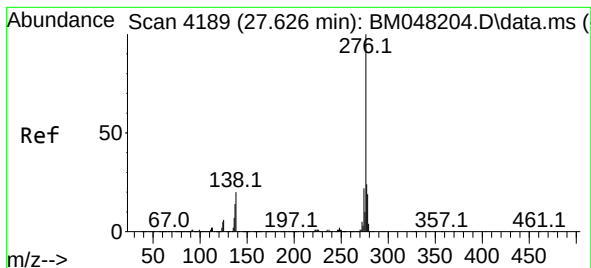
Delta R.T. -0.006 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:264	Resp: 1104440
Ion Ratio	Lower Upper
264 100	
260 24.0	18.6 27.8
265 21.3	17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 5.227 ng

RT: 27.603 min Scan# 4189

Delta R.T. -0.023 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024

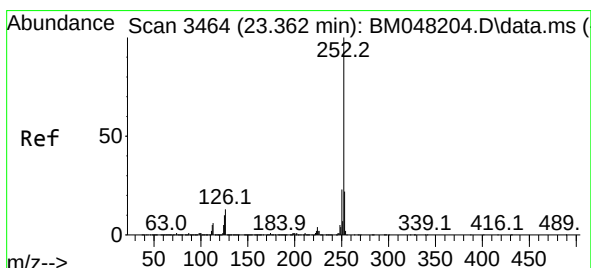
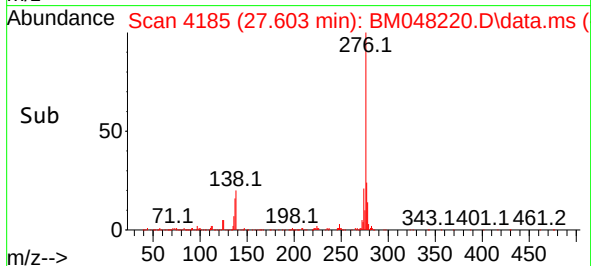
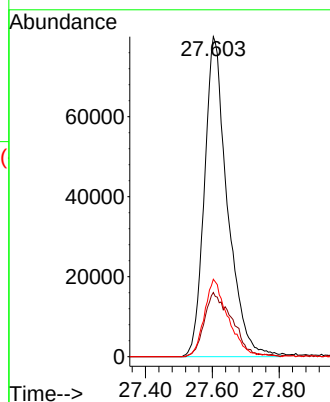
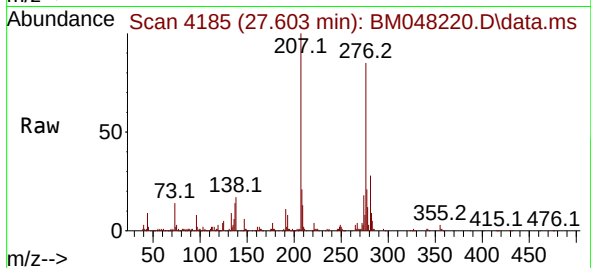
Tgt Ion:	276	Resp:	38172
Ion Ratio	Lower	Upper	
276	100		
138	24.4	19.8	29.6
277	24.9	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#88

Benzo(b)fluoranthene

Concen: 5.072 ng

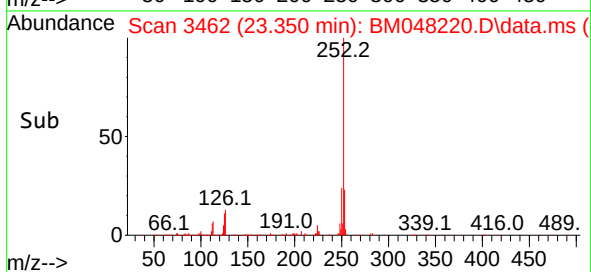
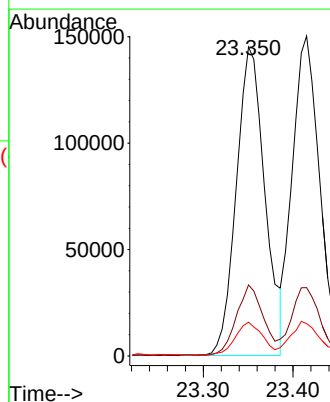
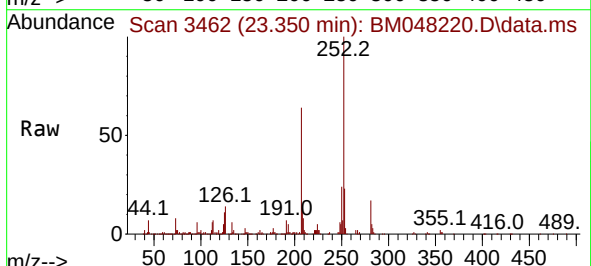
RT: 23.350 min Scan# 3462

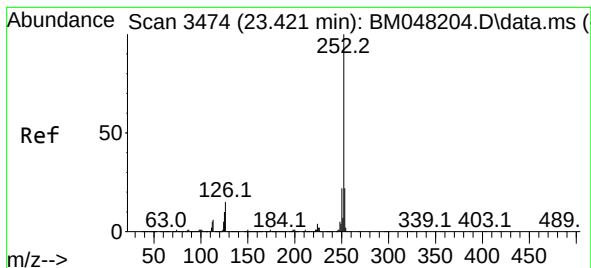
Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:	252	Resp:	321179
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.8	26.6
125	11.0	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 5.216 ng

RT: 23.415 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM048220.D

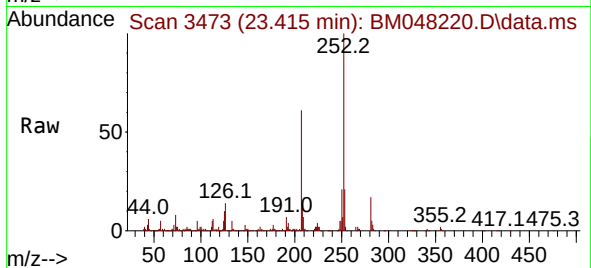
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



Tgt Ion:252 Resp: 31936

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

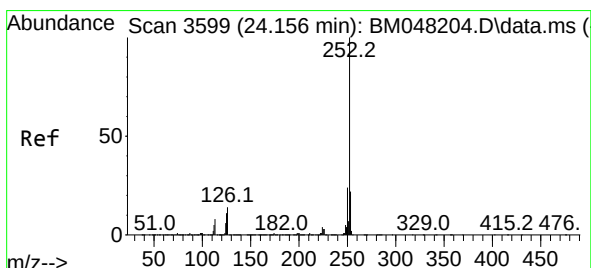
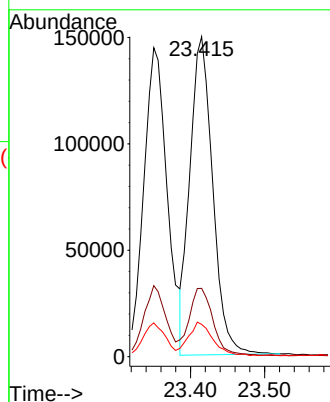
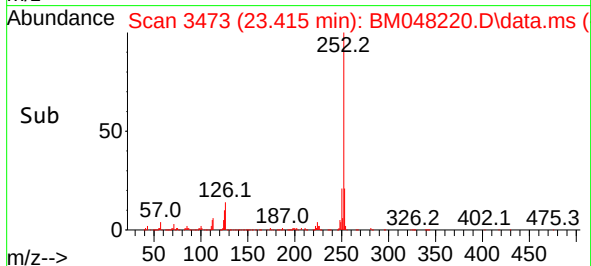
125 10.1 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#90

Benzo(a)pyrene

Concen: 5.192 ng

RT: 24.144 min Scan# 3597

Delta R.T. -0.012 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

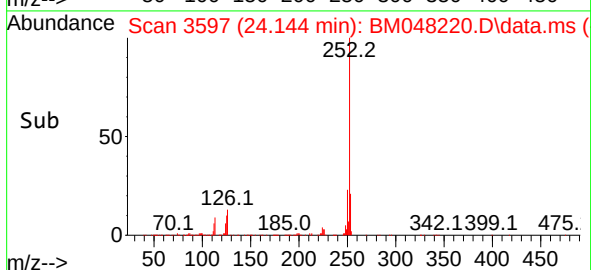
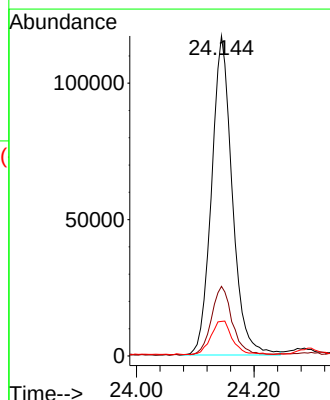
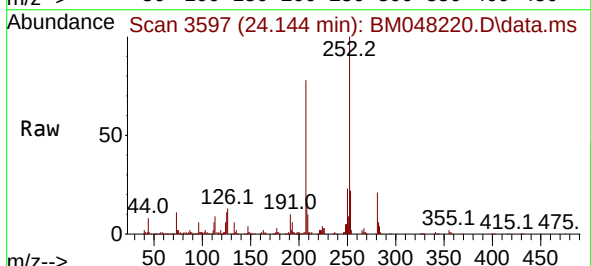
Tgt Ion:252 Resp: 285817

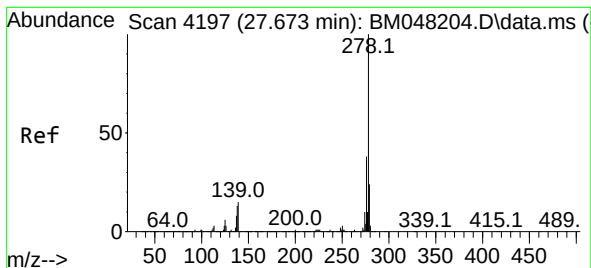
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 5.191 ng

RT: 27.650 min Scan# 4193

Delta R.T. -0.023 min

Lab File: BM048220.D

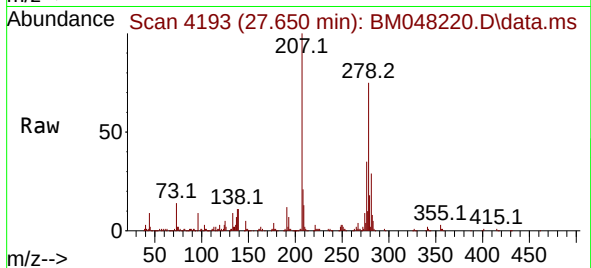
Acq: 24 Oct 2024 17:08

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT4-2024



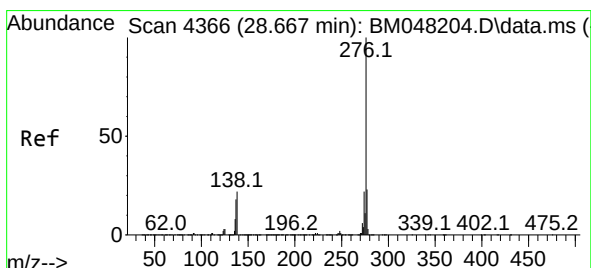
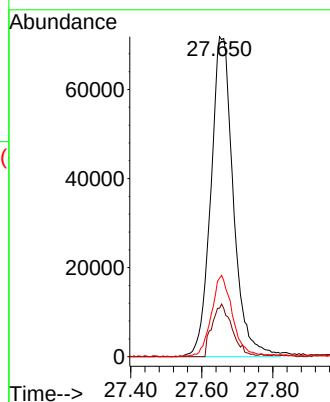
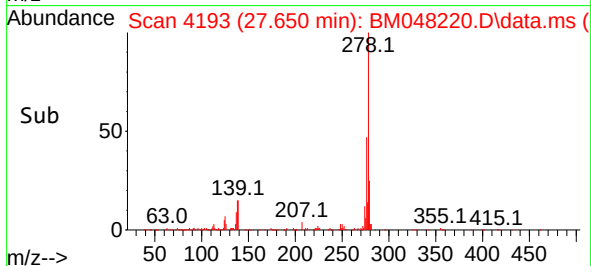
Tgt Ion:	278	Resp:	315734
Ion Ratio	Lower	Upper	
278	100		
139	15.1	12.2	18.4
279	24.6	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#92

Benzo(g,h,i)perylene

Concen: 4.937 ng

RT: 28.644 min Scan# 4362

Delta R.T. -0.023 min

Lab File: BM048220.D

Acq: 24 Oct 2024 17:08

Tgt Ion:	276	Resp:	307449
Ion Ratio	Lower	Upper	
276	100		
277	23.2	18.5	27.7
138	20.2	17.5	26.3

