

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102424\
 Data File : BM048215.D
 Acq On : 24 Oct 2024 13:51
 Operator : RC/JU
 Sample : P4368-07
 Misc : LOD-MDL-WATER-04 ng
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 24 14:39:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	252931	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	1042873	20.000	ng	0.00
39) Acenaphthene-d10	14.368	164	665925	20.000	ng	0.00
64) Phenanthrene-d10	17.109	188	1330654	20.000	ng	0.00
76) Chrysene-d12	21.333	240	1195942	20.000	ng	0.00
86) Perylene-d12	24.285	264	1321753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1595882	106.060	ng	0.00
7) Phenol-d6	6.904	99	2117703	108.068	ng	0.00
23) Nitrobenzene-d5	8.880	82	1345570	72.851	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	860776	105.604	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	3017197	69.525	ng	0.00
79) Terphenyl-d14	19.733	244	3759001	64.143	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	22807	3.703	ng	98
3) Pyridine	3.616	79	49419	3.020	ng	97
4) n-Nitrosodimethylamine	3.516	42	27739	3.993	ng	# 94
6) Aniline	7.051	93	72945	4.484	ng	98
8) 2-Chlorophenol	7.286	128	60435	3.697	ng	95
9) Benzaldehyde	6.863	77	53439	5.551	ng	99
10) Phenol	6.928	94	70398	3.571	ng	92
11) bis(2-Chloroethyl)ether	7.151	93	58617	3.733	ng	96
12) 1,3-Dichlorobenzene	7.610	146	66441	3.525	ng	98
13) 1,4-Dichlorobenzene	7.757	146	68224	3.563	ng	100
14) 1,2-Dichlorobenzene	8.069	146	65887	3.561	ng	99
15) Benzyl Alcohol	7.969	79	42045	3.363	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.239	45	86356	3.760	ng	99
17) 2-Methylphenol	8.175	107	42955	3.279	ng	98
18) Hexachloroethane	8.792	117	24356	3.471	ng	98
19) n-Nitroso-di-n-propyla...	8.528	70	43032	3.471	ng	99
20) 3+4-Methylphenols	8.504	107	56256	3.100	ng	96
22) Acetophenone	8.545	105	90189	3.544	ng	# 97
24) Nitrobenzene	8.922	77	65933	3.445	ng	98
25) Isophorone	9.451	82	111578	3.296	ng	99
26) 2-Nitrophenol	9.639	139	26170	2.962	ng	96
27) 2,4-Dimethylphenol	9.698	122	24024	2.241	ng	99
28) bis(2-Chloroethoxy)met...	9.933	93	70694	3.300	ng	96
29) 2,4-Dichlorophenol	10.180	162	46194	2.995	ng	100
30) 1,2,4-Trichlorobenzene	10.375	180	59627	3.376	ng	99
31) Naphthalene	10.563	128	187168	3.441	ng	99
32) Benzoic acid	9.786	122	25912m	2.171	ng	
33) 4-Chloroaniline	10.686	127	59852	3.393	ng	97
34) Hexachlorobutadiene	10.851	225	35358	3.230	ng	96
35) Caprolactam	11.463	113	13720	2.739	ng	93
36) 4-Chloro-3-methylphenol	11.816	107	47741	2.965	ng	99
37) 2-Methylnaphthalene	12.180	142	121033	3.330	ng	98
38) 1-Methylnaphthalene	12.398	142	114038	3.165	ng	97
40) 1,2,4,5-Tetrachloroben...	12.557	216	64610	3.395	ng	98
41) Hexachlorocyclopentadiene	12.533	237	13926	2.162	ng	85
43) 2,4,6-Trichlorophenol	12.804	196	38429	3.042	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	39887	2.832	ng	99
46) 1,1'-Biphenyl	13.198	154	171964	3.617	ng	99
47) 2-Chloronaphthalene	13.239	162	125504	3.348	ng	98
48) 2-Nitroaniline	13.457	65	28432	2.796	ng	99
49) Acenaphthylene	14.086	152	194628	3.559	ng	99
50) Dimethylphthalate	13.827	163	152403	3.352	ng	100
51) 2,6-Dinitrotoluene	13.945	165	28393	2.799	ng	93
52) Acenaphthene	14.427	154	115281	3.317	ng	99
53) 3-Nitroaniline	14.286	138	25354	2.650	ng	99
54) 2,4-Dinitrophenol	14.498	184	10913	1.841	ng	89
55) Dibenzofuran	14.768	168	191786	3.474	ng	100
56) 4-Nitrophenol	14.621	139	15921	1.865	ng	95
57) 2,4-Dinitrotoluene	14.739	165	33670	2.514	ng	# 86
58) Fluorene	15.415	166	147209	3.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	36526	3.128	ng	97
60) Diethylphthalate	15.192	149	146107	3.174	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	74865	3.430	ng	94
62) 4-Nitroaniline	15.451	138	21047m	2.126	ng	
63) Azobenzene	15.704	77	132432	3.210	ng	98
65) 4,6-Dinitro-2-methylph...	15.509	198	17703	2.293	ng	97
66) n-Nitrosodiphenylamine	15.627	169	119758	3.278	ng	99
67) 4-Bromophenyl-phenylether	16.304	248	44296	3.283	ng	95
68) Hexachlorobenzene	16.421	284	54644	3.372	ng	96
69) Atrazine	16.580	200	40216	3.935	ng	96
70) Pentachlorophenol	16.768	266	28706	2.698	ng	99
71) Phenanthrene	17.151	178	232378	3.527	ng	99
72) Anthracene	17.245	178	209760	3.289	ng	98
73) Carbazole	17.521	167	194726	3.114	ng	98
74) Di-n-butylphthalate	18.074	149	230922	2.967	ng	99
75) Fluoranthene	19.168	202	250026	3.181	ng	99
77) Benzidine	19.356	184	51983m	3.766	ng	
78) Pyrene	19.527	202	264148	3.300	ng	98
80) Butylbenzylphthalate	20.427	149	98996	2.957	ng	95
81) Benzo(a)anthracene	21.315	228	262469	3.434	ng	99
82) 3,3'-Dichlorobenzidine	21.250	252	84418	3.225	ng	99
83) Chrysene	21.374	228	251672	3.431	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	153798	3.161	ng	99
85) Di-n-octyl phthalate	22.350	149	229033	2.718	ng	# 99
87) Indeno(1,2,3-cd)pyrene	27.609	276	288048	3.296	ng	99
88) Benzo(b)fluoranthene	23.356	252	248466	3.279	ng	99
89) Benzo(k)fluoranthene	23.415	252	251630	3.434	ng	98
90) Benzo(a)pyrene	24.144	252	219554	3.332	ng	99
91) Dibenzo(a,h)anthracene	27.656	278	237156	3.258	ng	96
92) Benzo(g,h,i)perylene	28.650	276	225355	3.024	ng	97

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

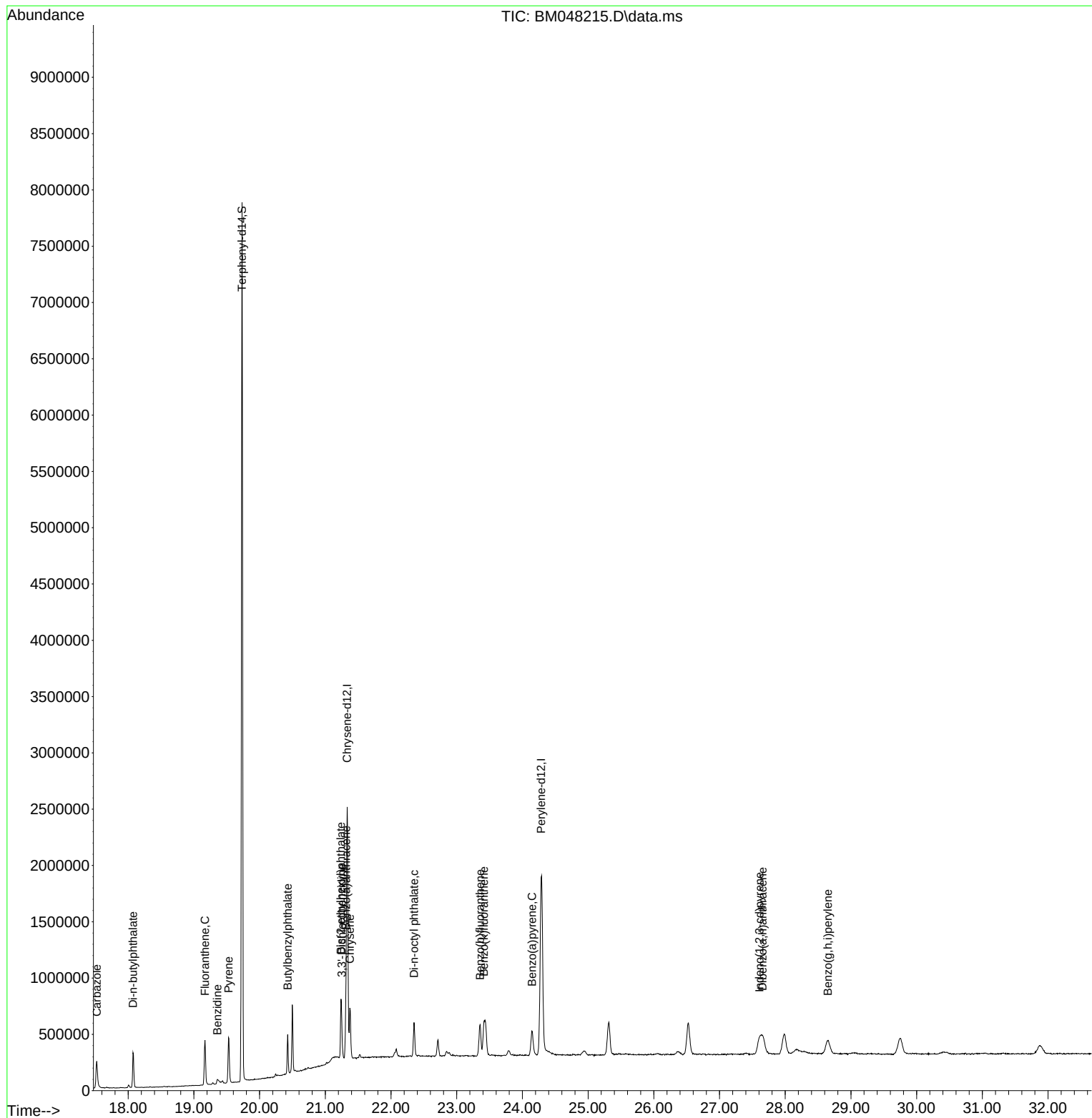
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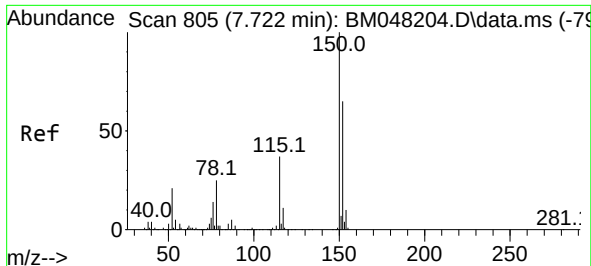
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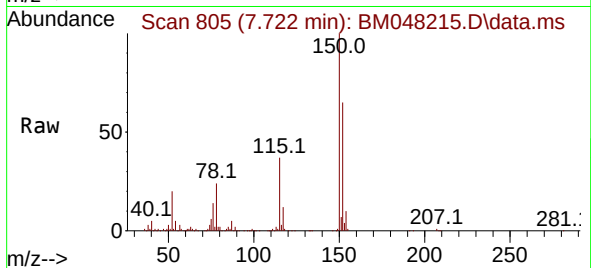
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.722 min Scan# 805
Delta R.T. -0.000 min
Lab File: BM048215.D
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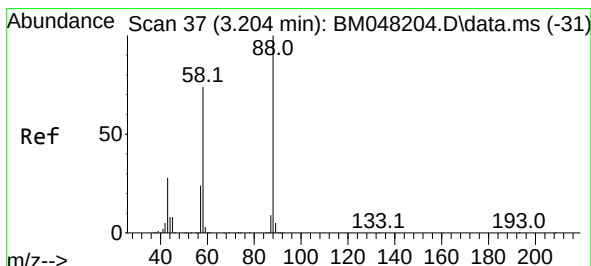
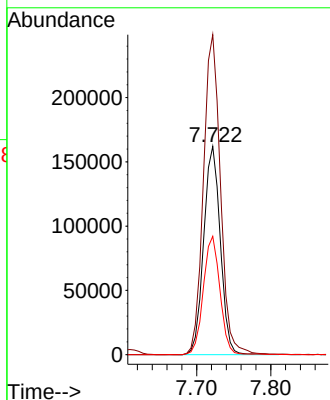
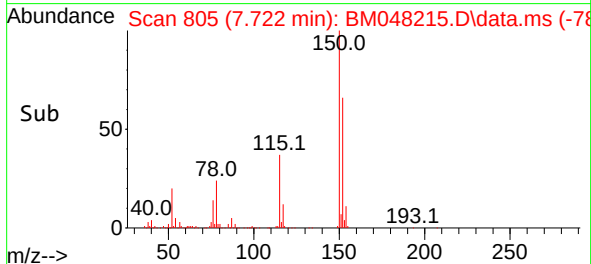
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:152 Resp: 25293
Ion Ratio Lower Upper
152 100
150 153.6 123.0 184.6
115 56.8 45.8 68.6

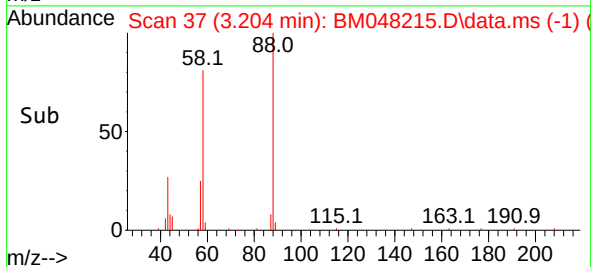
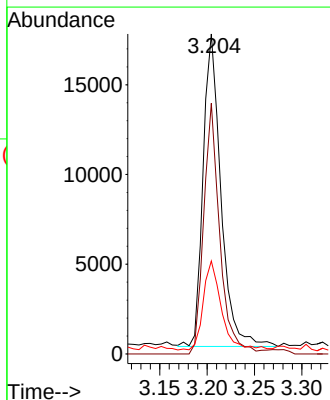
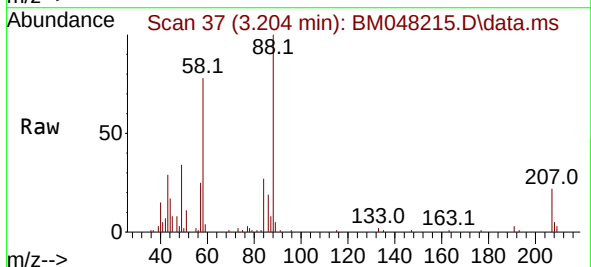
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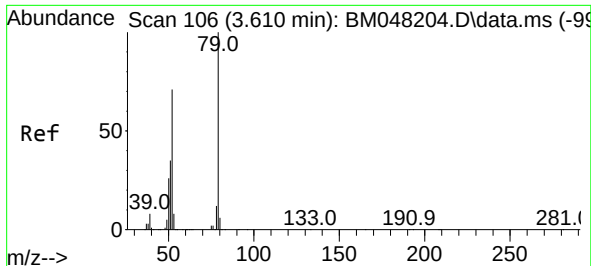
Reviewed By :Yogesh Patel 10/25/2024
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#2
1,4-Dioxane
Concen: 3.703 ng
RT: 3.204 min Scan# 37
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

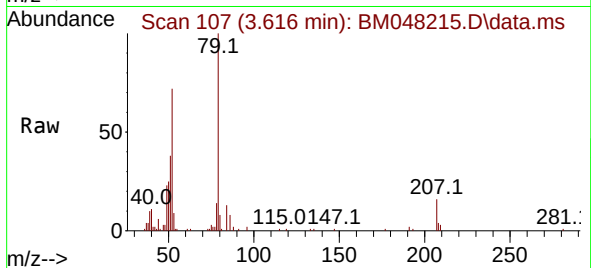
Tgt Ion: 88 Resp: 22807
Ion Ratio Lower Upper
88 100
58 72.2 59.7 89.5
43 28.9 22.6 33.8





#3
Pyridine
Concen: 3.020 ng
RT: 3.616 min Scan# 106
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

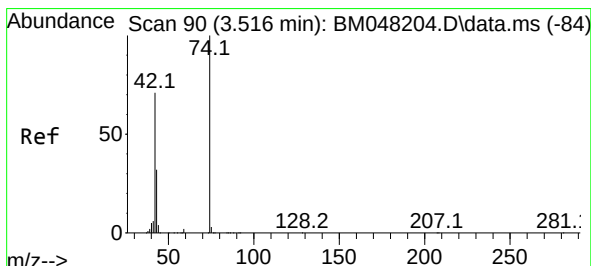
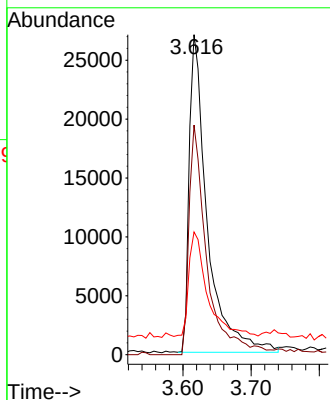
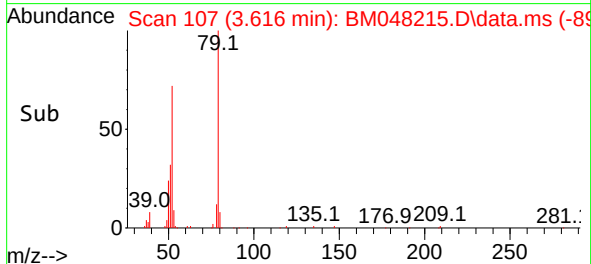
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 79 Resp: 49419
Ion Ratio Lower Upper
79 100
52 71.8 56.5 84.7
51 38.4 28.5 42.7

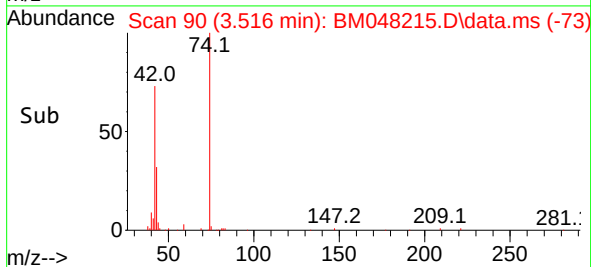
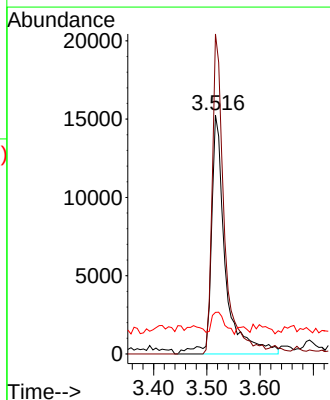
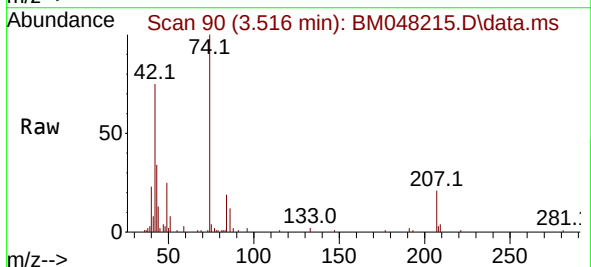
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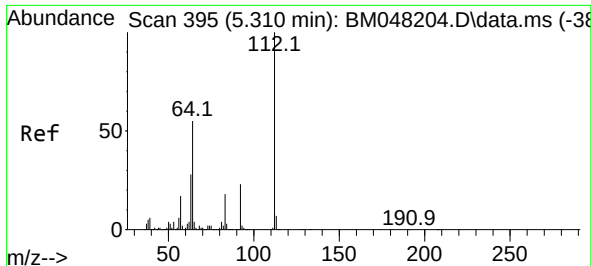
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#4
n-Nitrosodimethylamine
Concen: 3.993 ng
RT: 3.516 min Scan# 90
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

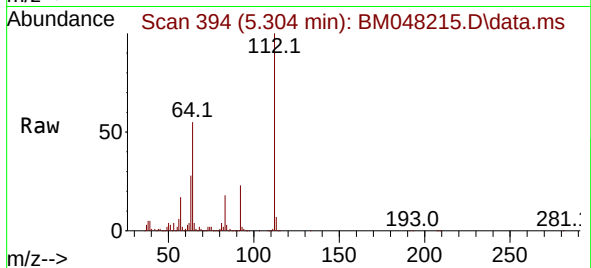
Tgt Ion: 42 Resp: 27739
Ion Ratio Lower Upper
42 100
74 134.0 111.8 167.6
44 17.4 6.0 9.0





#5
2-Fluorophenol
Concen: 106.060 ng
RT: 5.304 min Scan# 395
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

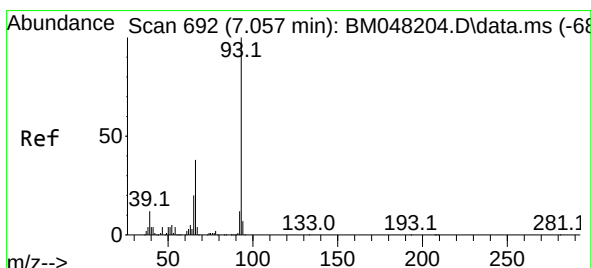
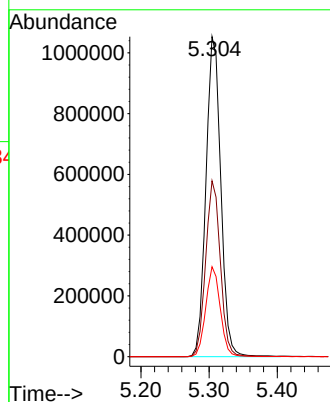
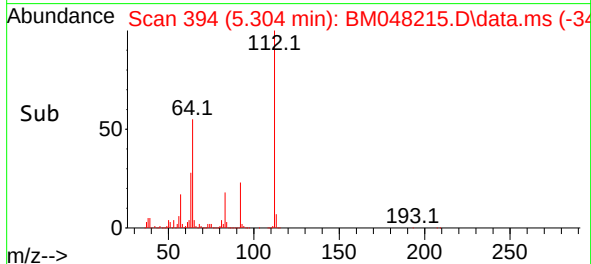
Instrument :
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Tgt Ion:112 Resp: 159588
Ion Ratio Lower Upper
112 100
64 54.9 44.2 66.2
63 28.1 22.7 34.1

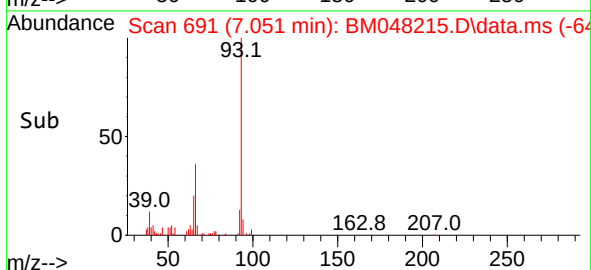
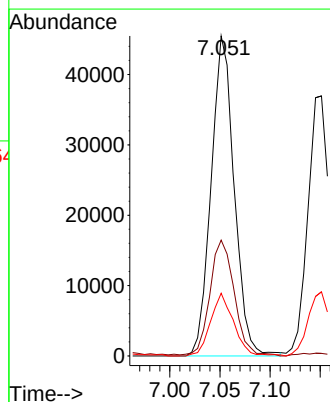
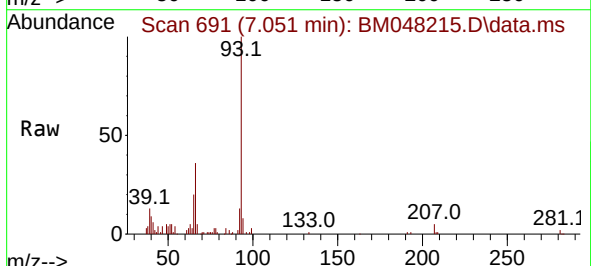
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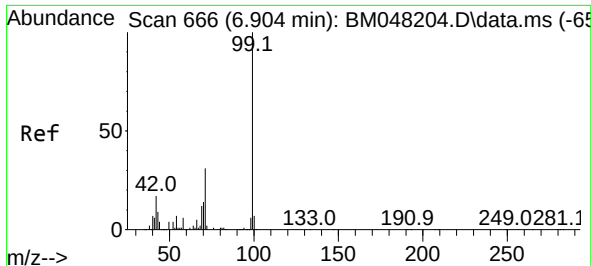
Reviewed By :Yogesh Patel 10/25/2024
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#6
Aniline
Concen: 4.484 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048215.D
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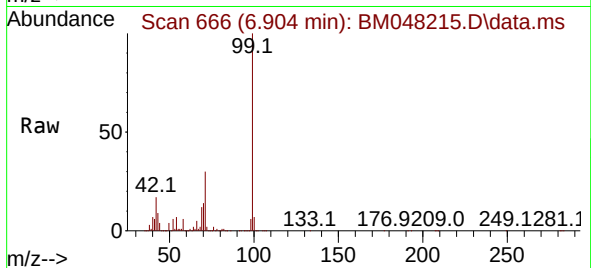
Tgt Ion: 93 Resp: 72945
Ion Ratio Lower Upper
93 100
66 36.2 30.2 45.2
65 19.6 16.2 24.2





#7
Phenol-d6
Concen: 108.068 ng
RT: 6.904 min Scan# 666
Delta R.T. 0.000 min
Lab File: BM048215.D
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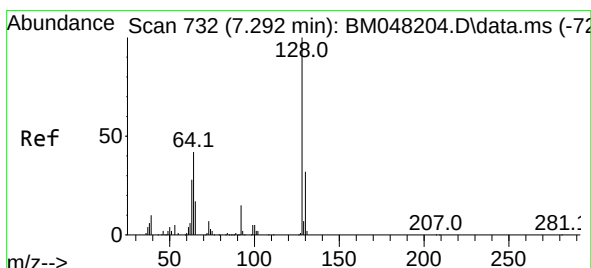
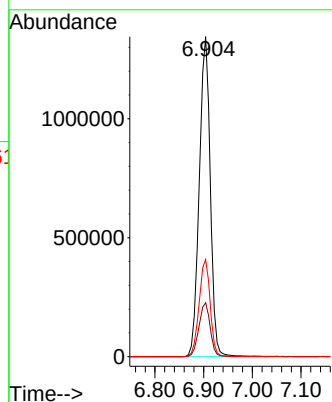
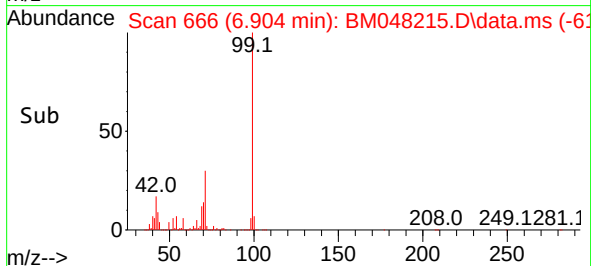
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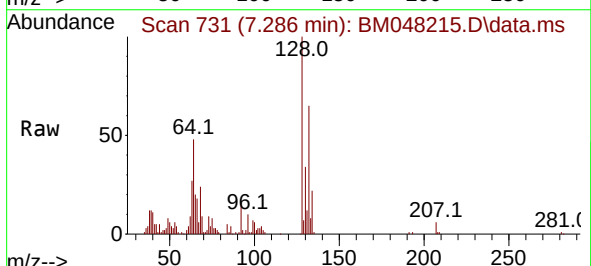
Tgt Ion: 99 Resp: 211770
Ion Ratio Lower Upper
99 100
42 16.9 13.8 20.8
71 30.3 24.9 37.3

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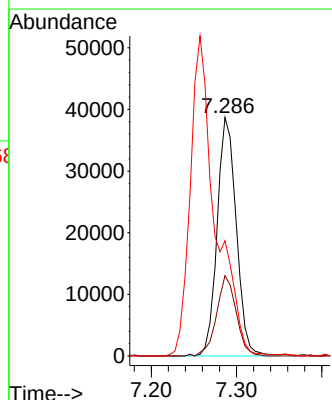
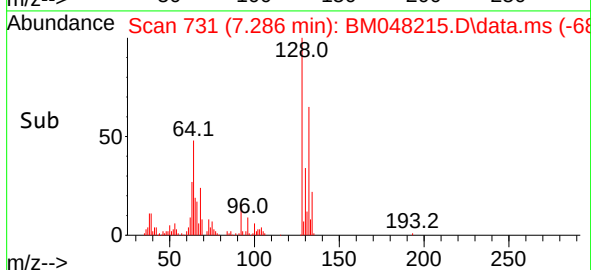
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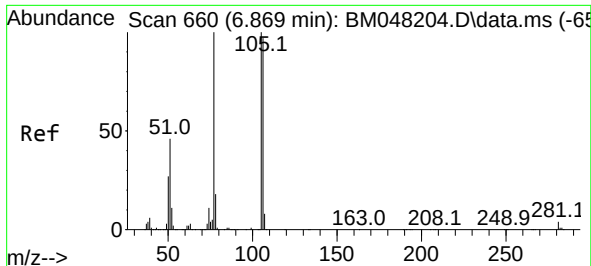


#8
2-Chlorophenol
Concen: 3.697 ng
RT: 7.286 min Scan# 731
Delta R.T. -0.006 min
Lab File: BM048215.D
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Tgt Ion:128 Resp: 60435
Ion Ratio Lower Upper
128 100
130 33.7 12.1 52.1
64 48.3 23.8 63.8





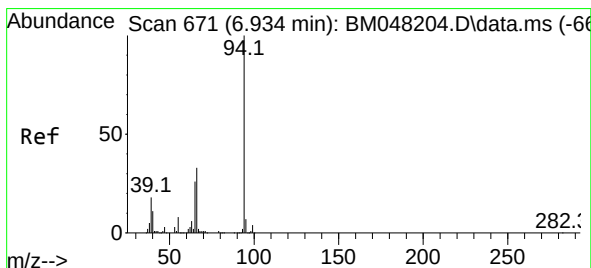
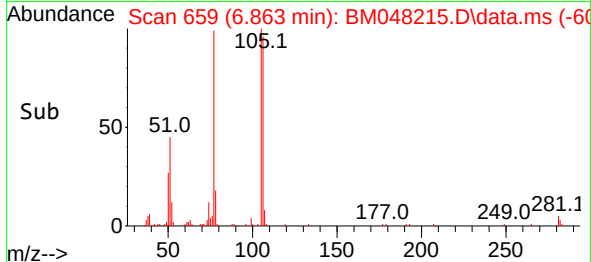
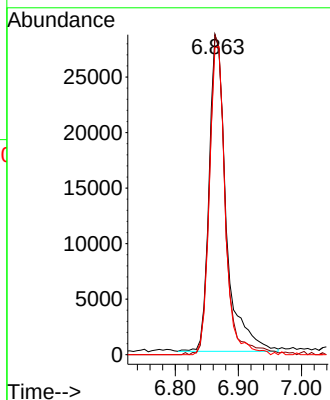
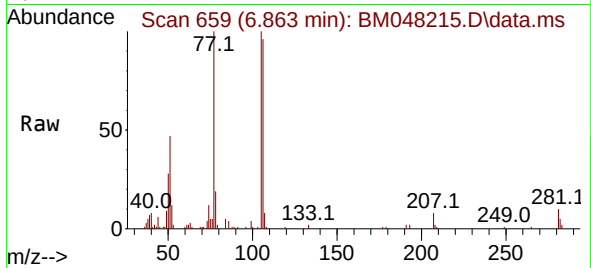
#9
Benzaldehyde
Concen: 5.551 ng
RT: 6.863 min Scan# 660
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 53439
Ion Ratio Lower Upper
77 100
105 100.0 79.6 119.6
106 96.0 77.0 117.0

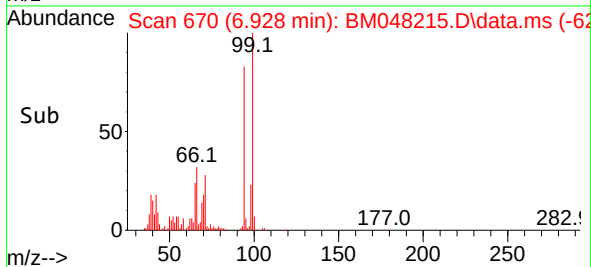
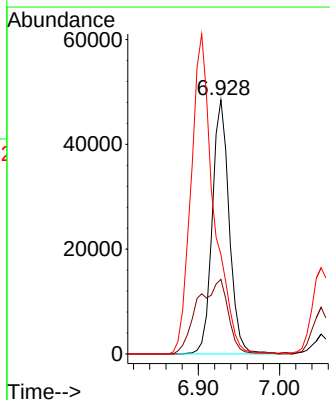
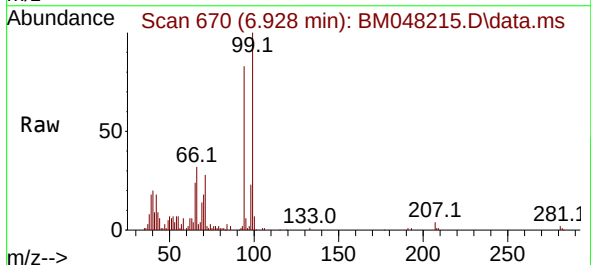
Manual Integrations
APPROVED

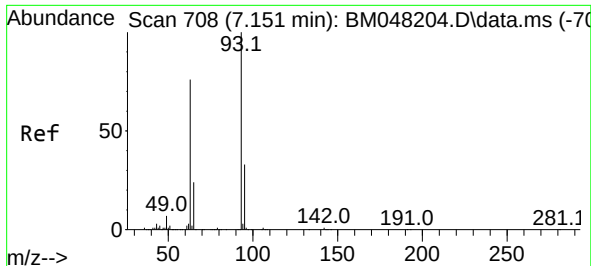
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#10
Phenol
Concen: 3.571 ng
RT: 6.928 min Scan# 670
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion: 94 Resp: 70398
Ion Ratio Lower Upper
94 100
65 29.4 6.5 46.5
66 39.1 13.6 53.6





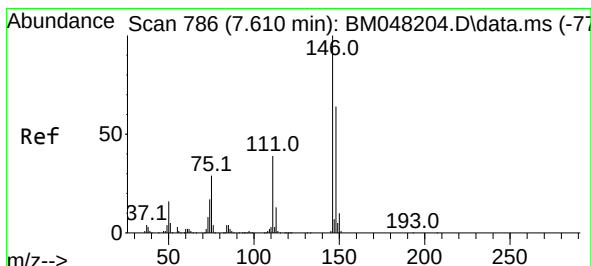
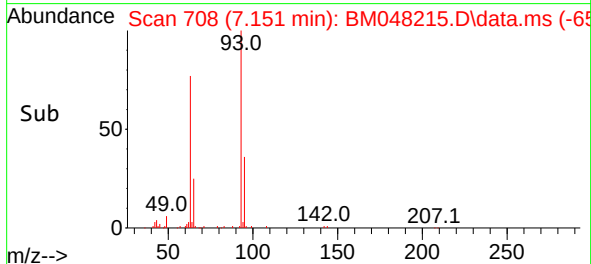
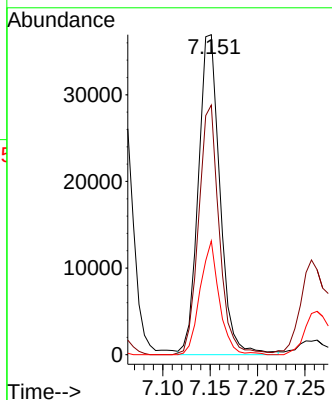
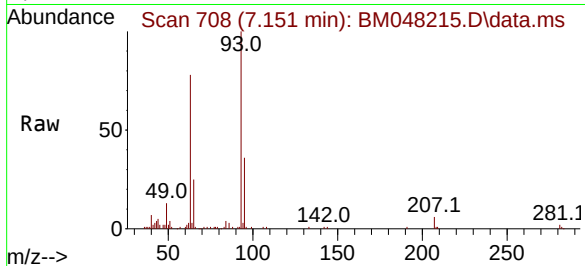
#11
bis(2-Chloroethyl)ether
Concen: 3.733 ng
RT: 7.151 min Scan# 708
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 93 Resp: 5861
Ion Ratio Lower Upper
93 100
63 78.0 55.3 95.3
95 35.5 12.4 52.4

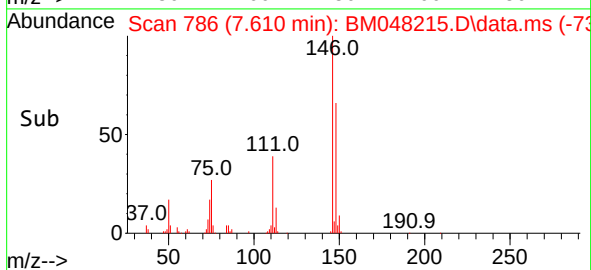
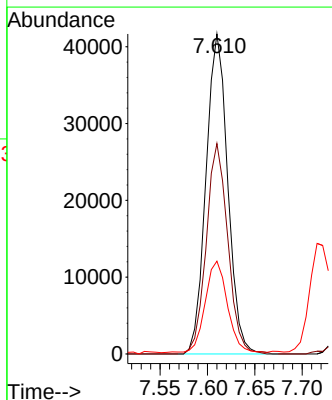
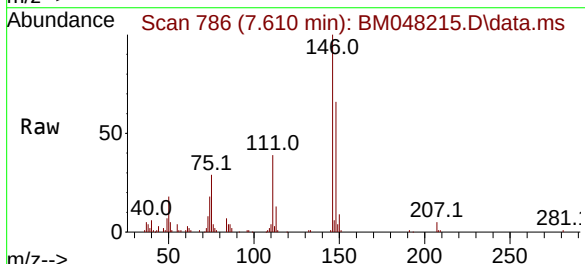
Manual Integrations
APPROVED

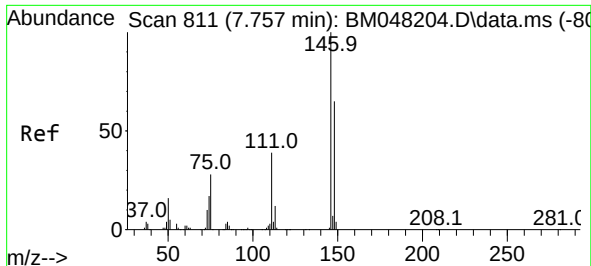
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#12
1,3-Dichlorobenzene
Concen: 3.525 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:146 Resp: 66441
Ion Ratio Lower Upper
146 100
148 65.8 51.0 76.6
75 29.0 22.9 34.3





#13

1,4-Dichlorobenzene

Concen: 3.563 ng

RT: 7.757 min Scan# 811

Delta R.T. 0.000 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

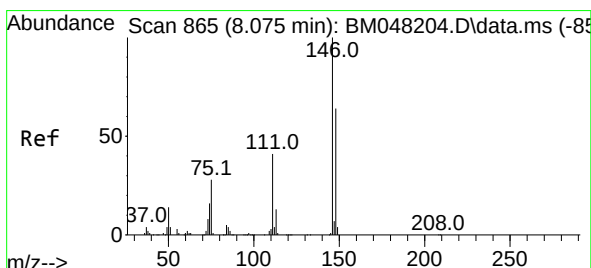
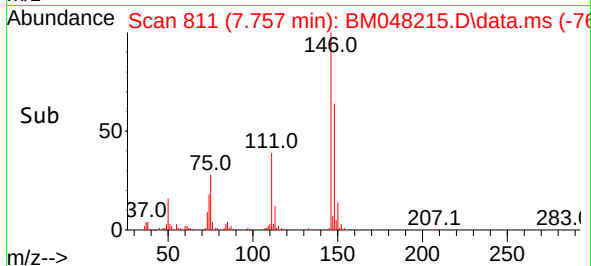
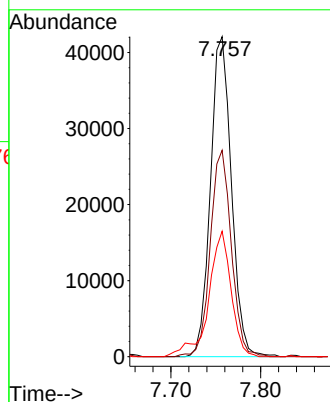
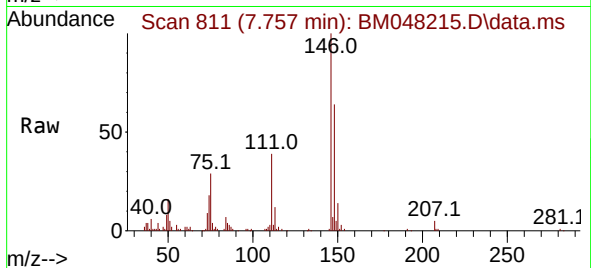
Tgt Ion:	146	Resp:	68224
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.7	77.5
111	39.2	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#14

1,2-Dichlorobenzene

Concen: 3.561 ng

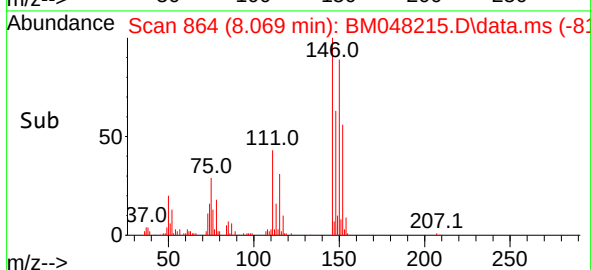
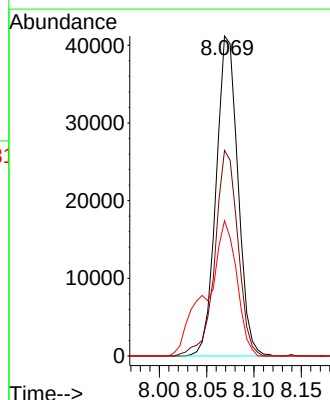
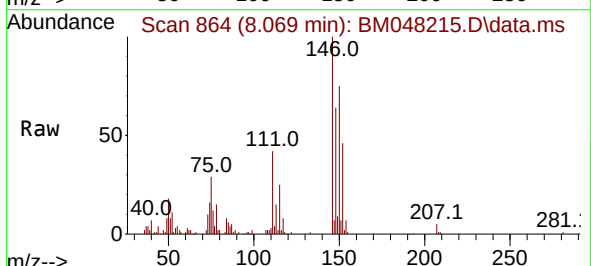
RT: 8.069 min Scan# 864

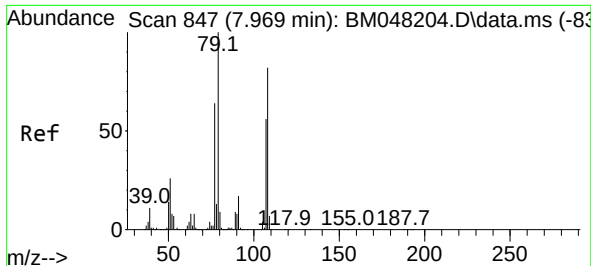
Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Tgt Ion:	146	Resp:	65887
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.3	76.9
111	42.2	32.7	49.1





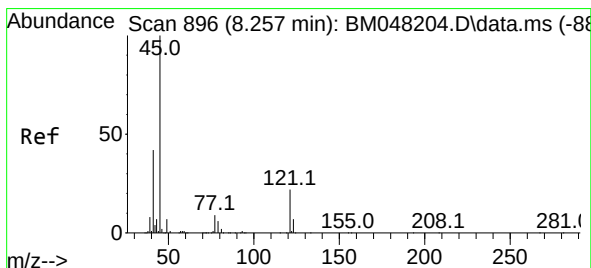
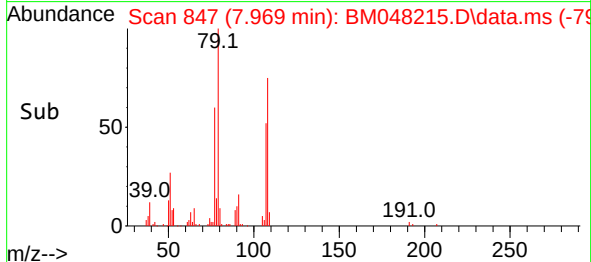
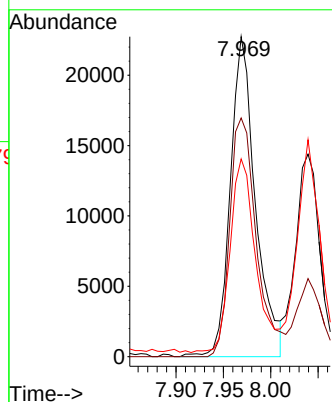
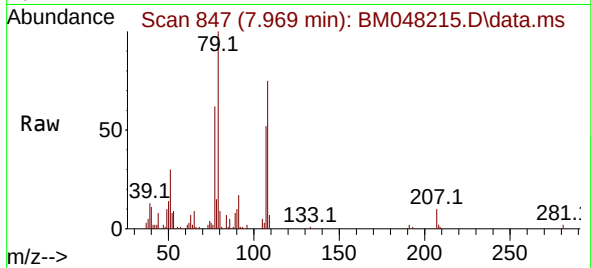
#15
Benzyl Alcohol
Concen: 3.363 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 79 Resp: 42045
Ion Ratio Lower Upper
79 100
108 74.6 65.2 97.8
77 61.8 51.4 77.2

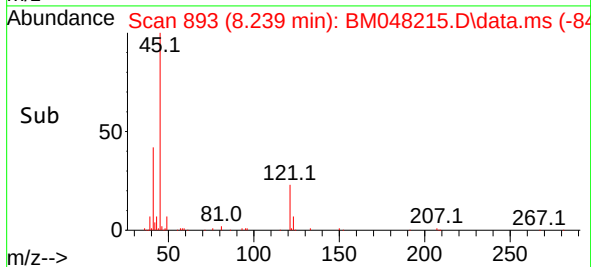
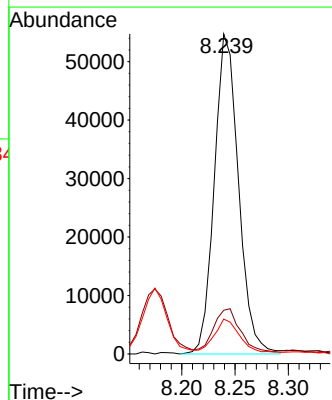
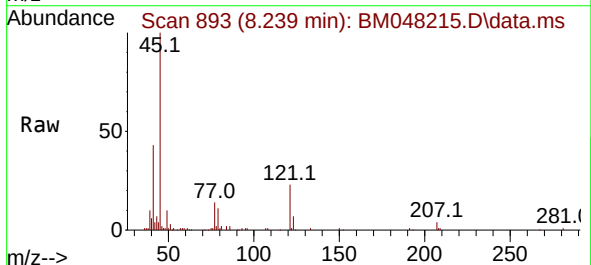
Manual Integrations
APPROVED

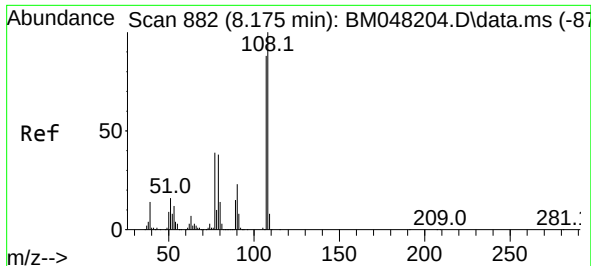
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.760 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion: 45 Resp: 86356
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.2
79 10.9 0.0 30.7





#17

2-Methylphenol

Concen: 3.279 ng

RT: 8.175 min Scan# 882

Delta R.T. 0.000 min

Lab File: BM048215.D

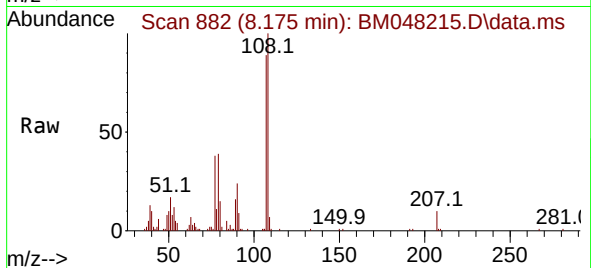
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



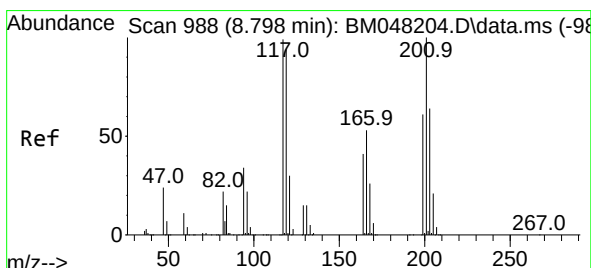
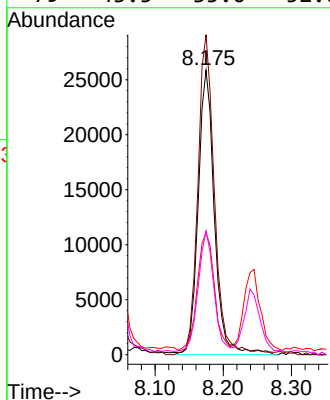
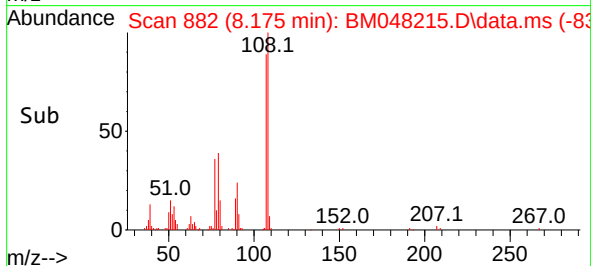
Tgt Ion:	107	Resp:	4295
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.3	136.9
77	43.0	36.2	54.2
79	43.5	35.0	52.6

Manual Integrations

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Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#18

Hexachloroethane

Concen: 3.471 ng

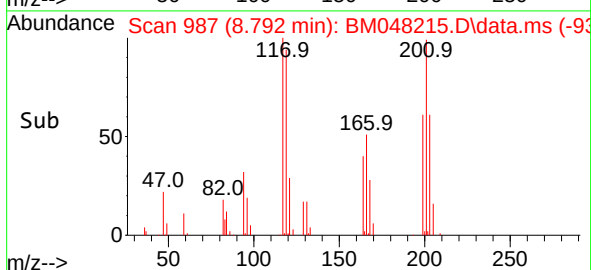
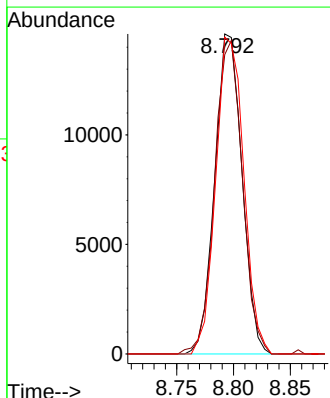
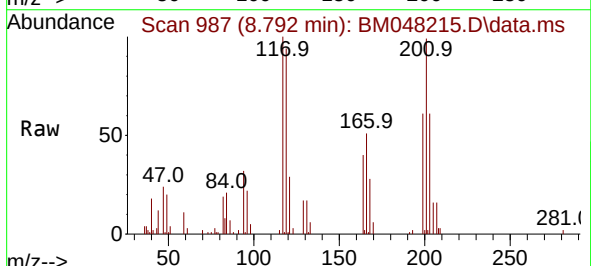
RT: 8.792 min Scan# 987

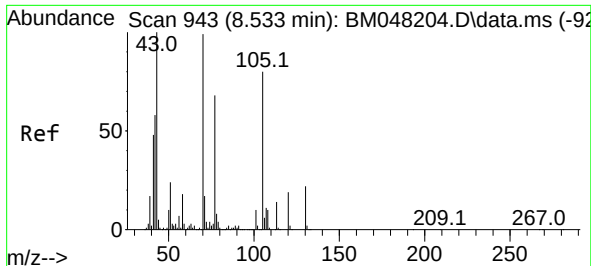
Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

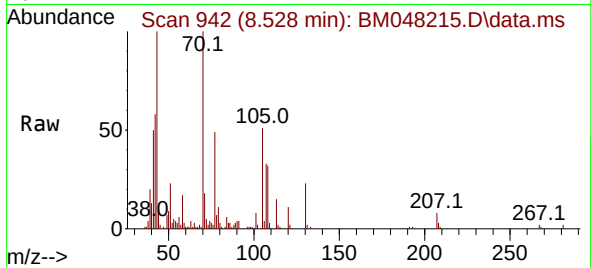
Tgt Ion:	117	Resp:	24356
Ion	Ratio	Lower	Upper
117	100		
119	93.5	76.5	114.7
201	99.0	80.9	121.3





#19
n-Nitroso-di-n-propylamine
Concen: 3.471 ng
RT: 8.528 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

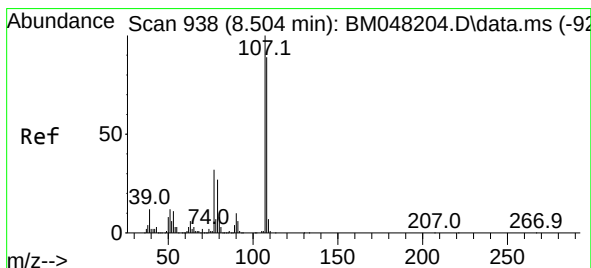
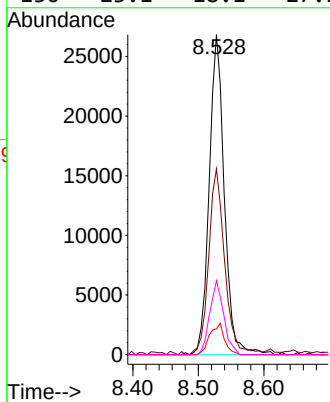
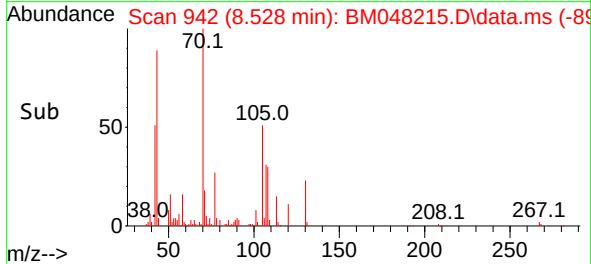
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 70 Resp: 4303
Ion Ratio Lower Upper
70 100
42 58.0 47.0 70.6
101 8.1 7.8 11.6
130 23.1 18.1 27.1

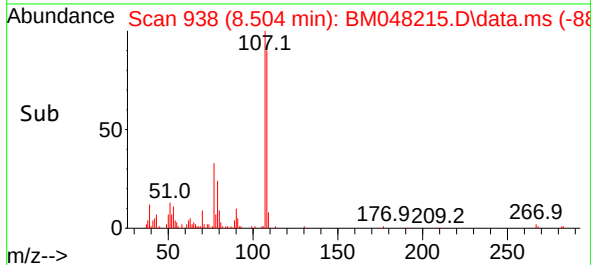
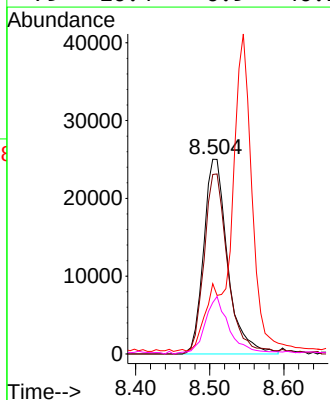
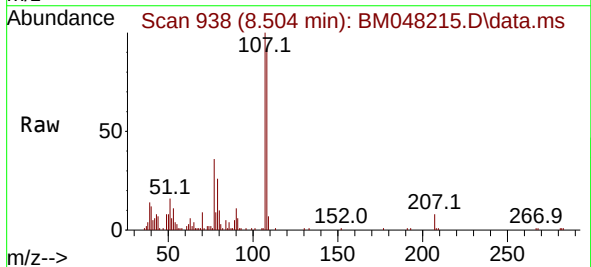
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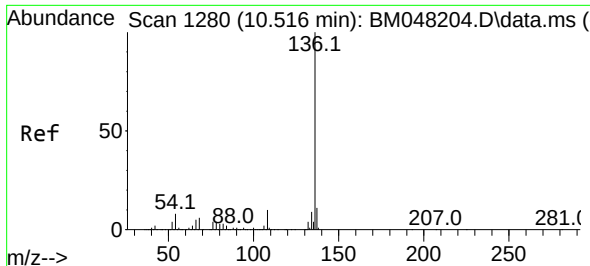
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#20
3+4-Methylphenols
Concen: 3.100 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

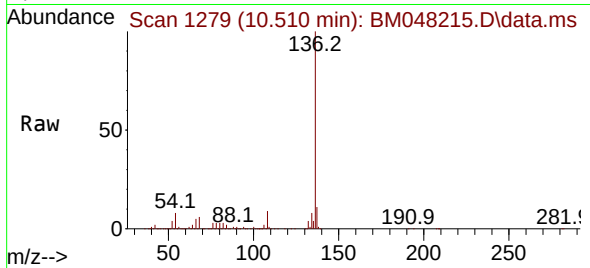
Tgt Ion:107 Resp: 56256
Ion Ratio Lower Upper
107 100
108 92.2 69.0 109.0
77 36.1 12.3 52.3
79 26.4 6.9 46.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

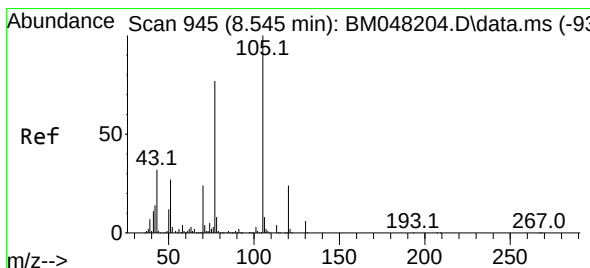
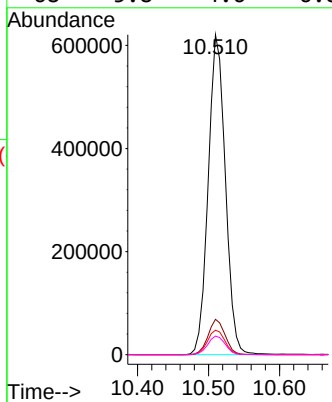
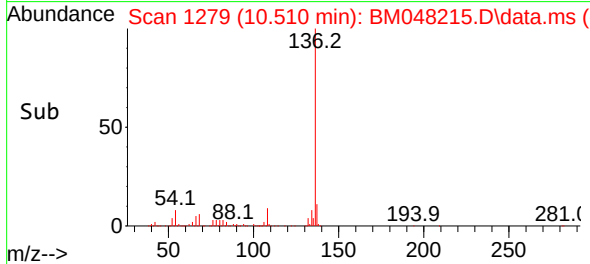
Instrument : BNA_M
ClientSampleId : LOD-MDL-WATER-01-QT4-2024



Tgt Ion:136 Resp: 104287
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.6 6.5 9.7
68 5.8 4.6 6.8

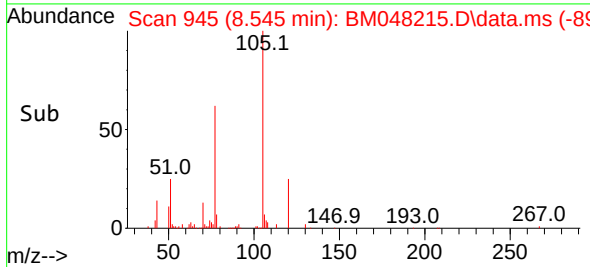
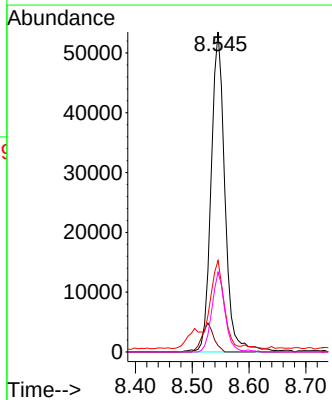
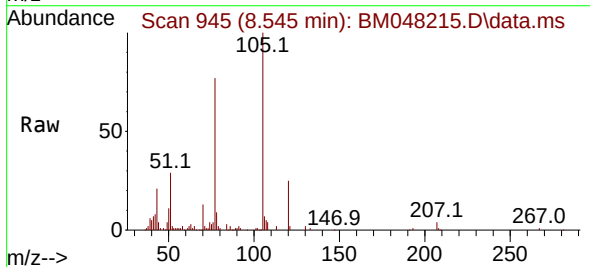
Manual Integrations
APPROVED

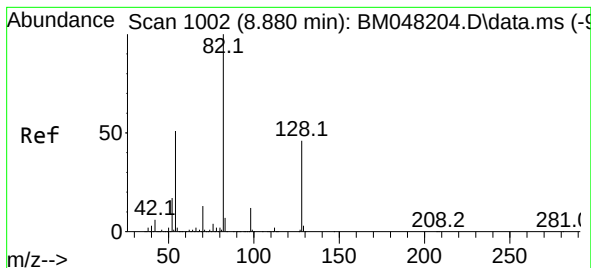
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#22
Acetophenone
Concen: 3.544 ng
RT: 8.545 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:105 Resp: 90189
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.0#
51 28.6 21.7 32.5
120 24.9 19.0 28.4





#23

Nitrobenzene-d5

Concen: 72.851 ng

RT: 8.880 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

Tgt Ion: 82 Resp: 1345570

Ion Ratio Lower Upper

82 100

128 46.3 36.6 54.8

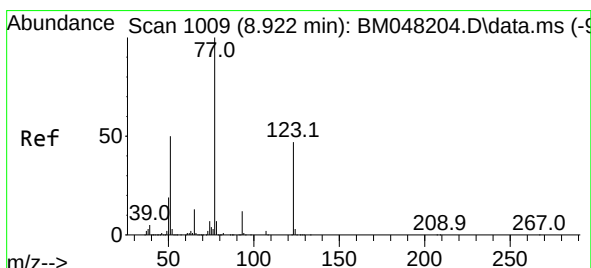
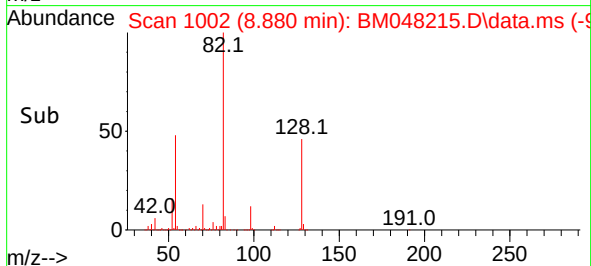
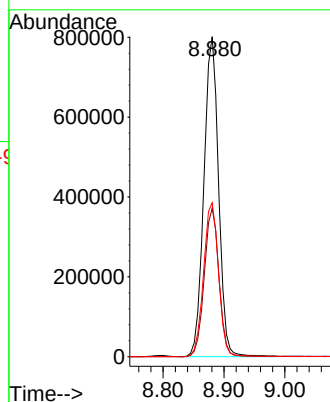
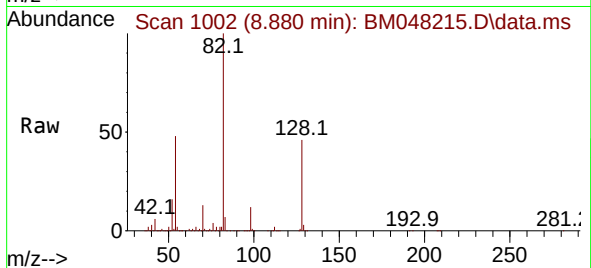
54 48.1 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#24

Nitrobenzene

Concen: 3.445 ng

RT: 8.922 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

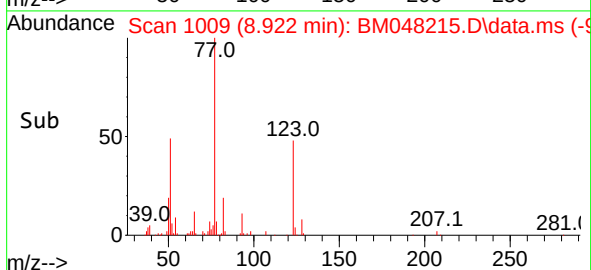
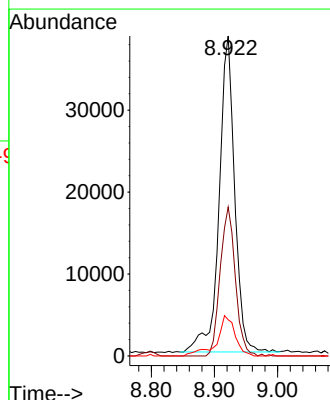
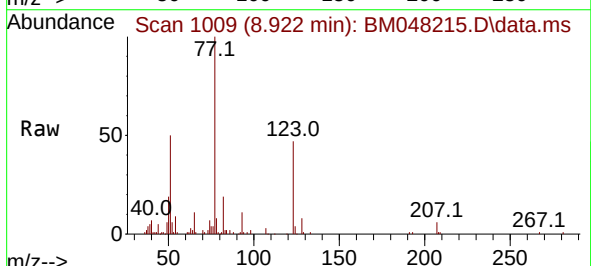
Tgt Ion: 77 Resp: 65933

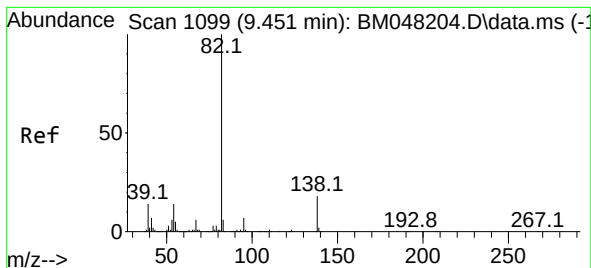
Ion Ratio Lower Upper

77 100

123 46.6 37.8 56.6

65 11.3 10.4 15.6





#25

Isophorone

Concen: 3.296 ng

RT: 9.451 min Scan# 1109

Delta R.T. 0.000 min

Lab File: BM048215.D

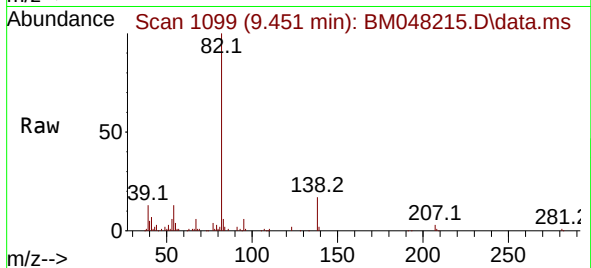
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



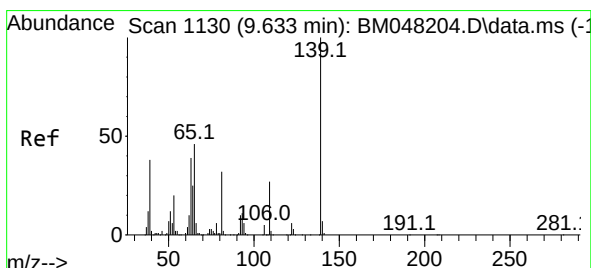
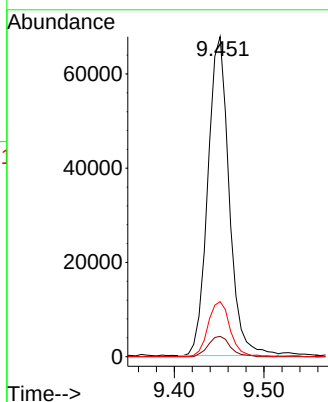
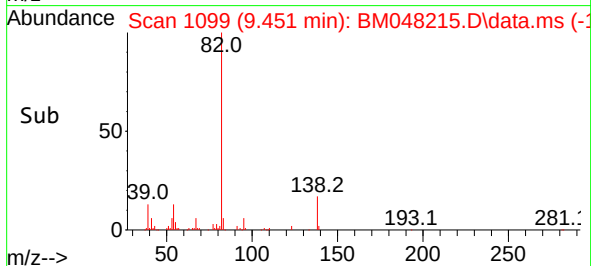
Tgt Ion: 82	Resp: 111578
Ion Ratio	Lower Upper
82	100
95	6.4 5.3 7.9
138	17.2 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#26

2-Nitrophenol

Concen: 2.962 ng

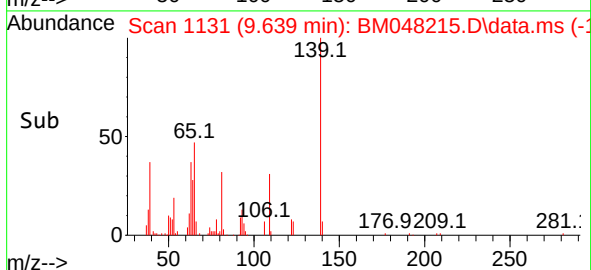
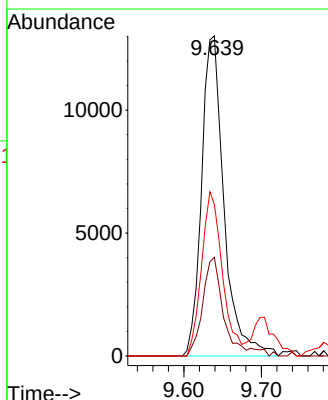
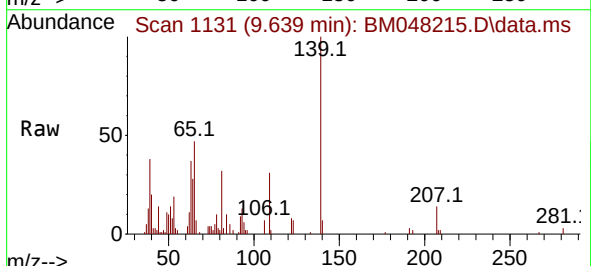
RT: 9.639 min Scan# 1131

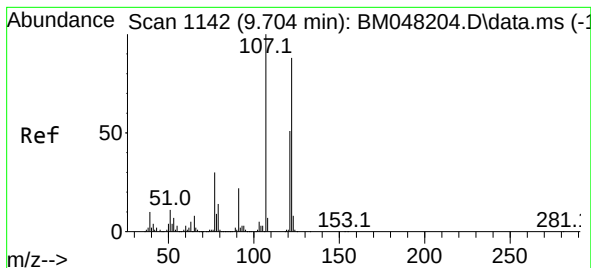
Delta R.T. 0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

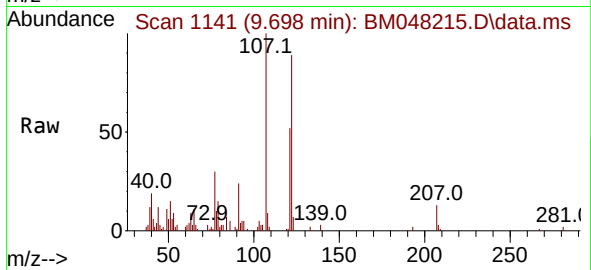
Tgt Ion:139	Resp: 26170
Ion Ratio	Lower Upper
139	100
109	30.8 21.2 31.8
65	47.4 36.8 55.2





#27
2,4-Dimethylphenol
Concen: 2.241 ng
RT: 9.698 min Scan# 1142
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

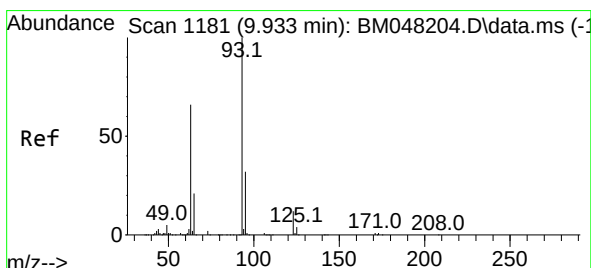
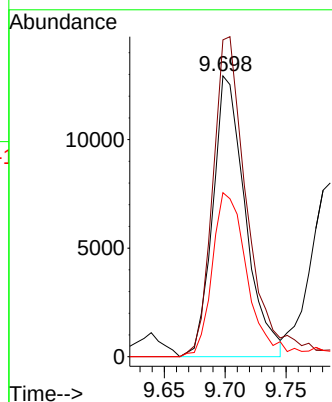
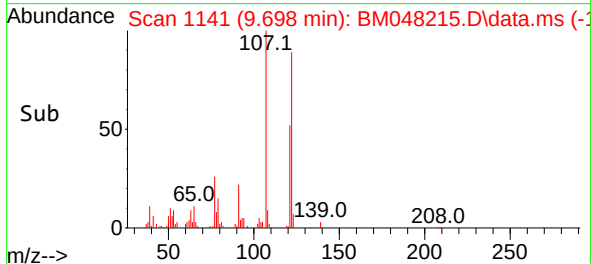
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:122 Resp: 24024
Ion Ratio Lower Upper
122 100
107 112.8 91.0 136.6
121 58.4 46.1 69.1

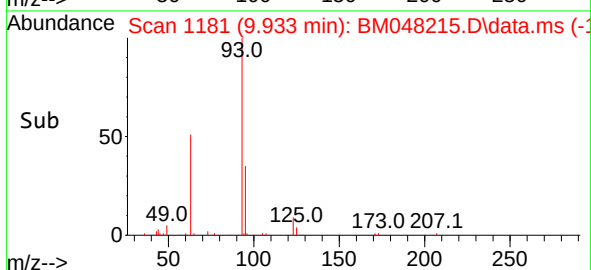
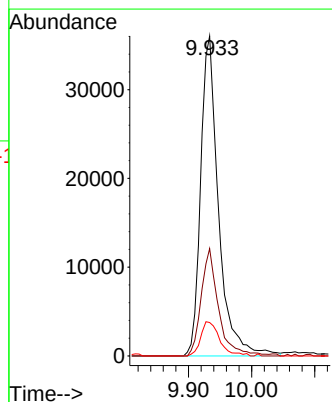
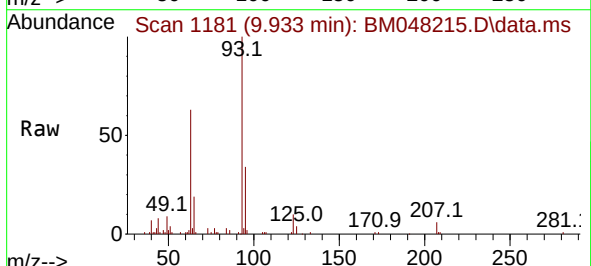
Manual Integrations
APPROVED

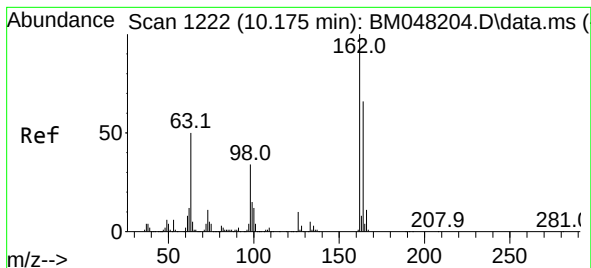
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#28
bis(2-Chloroethoxy)methane
Concen: 3.300 ng
RT: 9.933 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

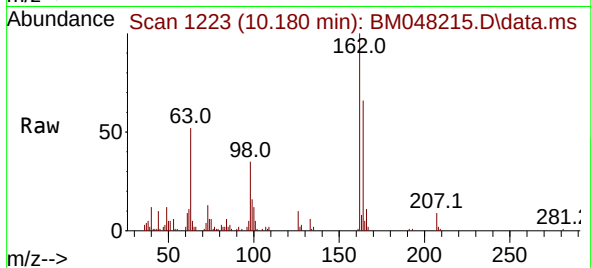
Tgt Ion: 93 Resp: 70694
Ion Ratio Lower Upper
93 100
95 33.6 25.3 37.9
123 10.5 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 2.995 ng
RT: 10.180 min Scan# 1223
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

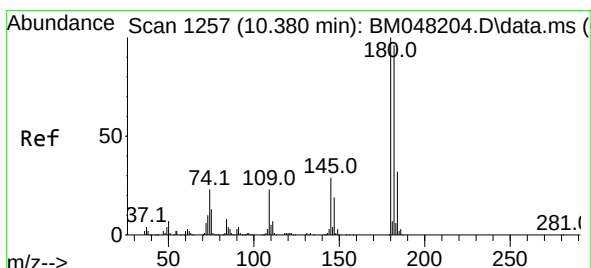
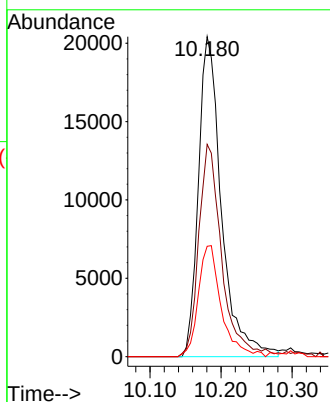
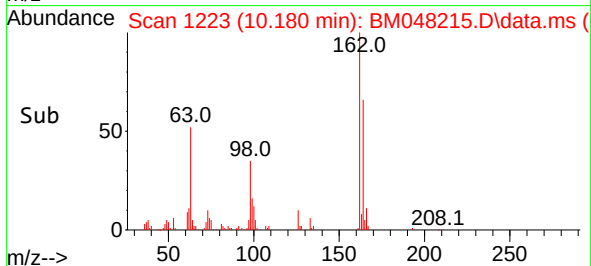
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:162 Resp: 46194
Ion Ratio Lower Upper
162 100
164 66.3 46.0 86.0
98 34.5 14.4 54.4

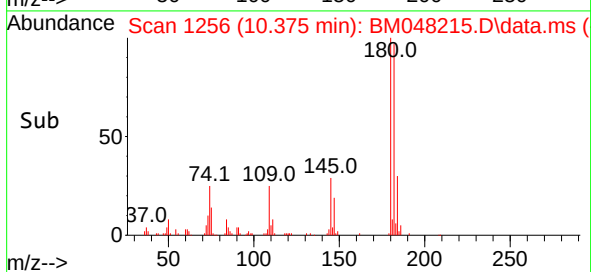
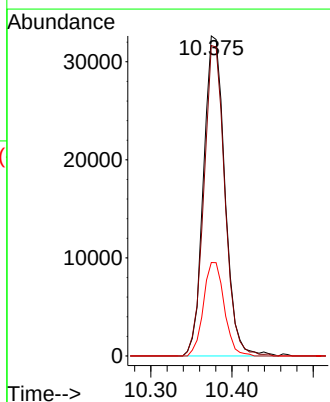
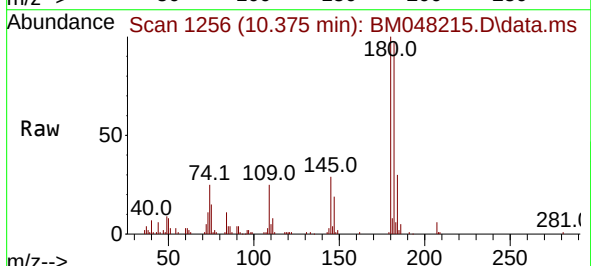
Manual Integrations
APPROVED

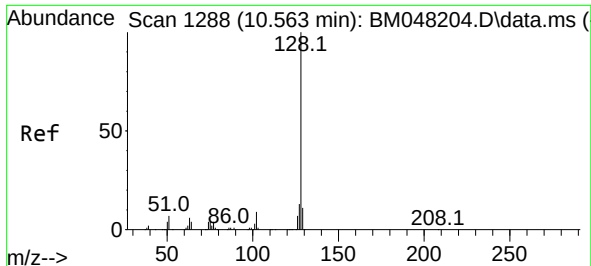
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#30
1,2,4-Trichlorobenzene
Concen: 3.376 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

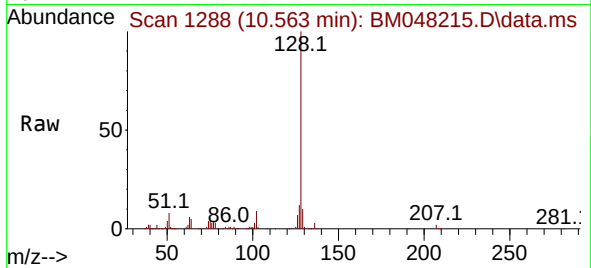
Tgt Ion:180 Resp: 59627
Ion Ratio Lower Upper
180 100
182 97.0 76.6 115.0
145 29.2 23.4 35.2





#31
Naphthalene
Concen: 3.441 ng
RT: 10.563 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

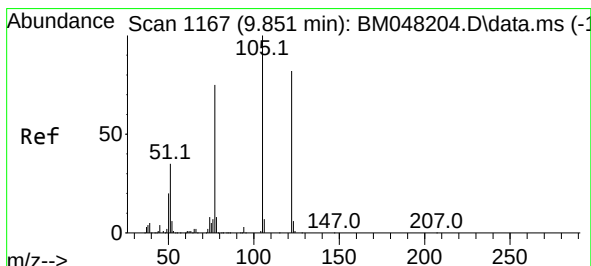
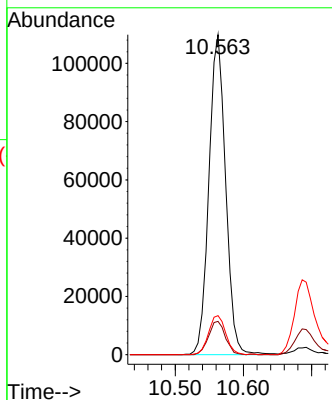
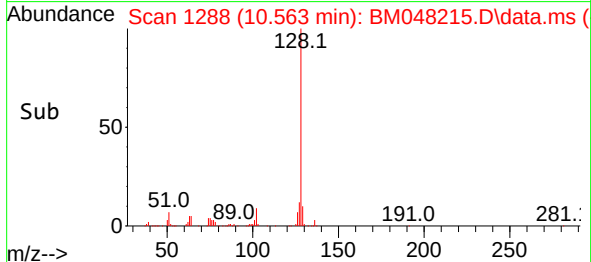
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:128 Resp: 187168
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.2 10.2 15.2

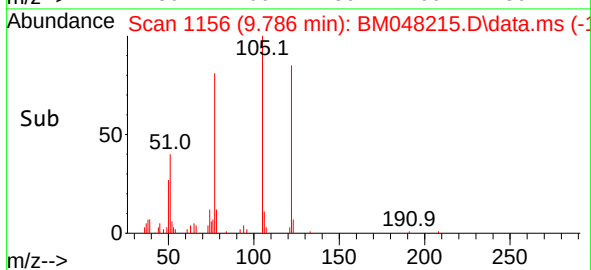
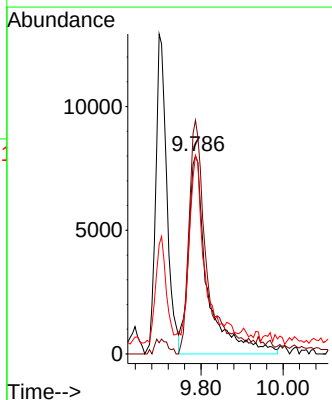
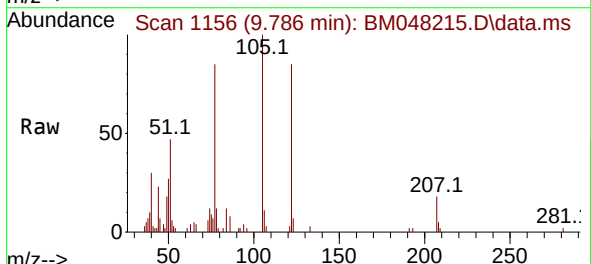
Manual Integrations
APPROVED

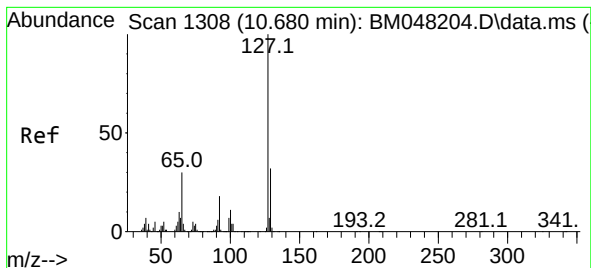
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#32
Benzoic acid
Concen: 2.171 ng m
RT: 9.786 min Scan# 1156
Delta R.T. -0.065 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

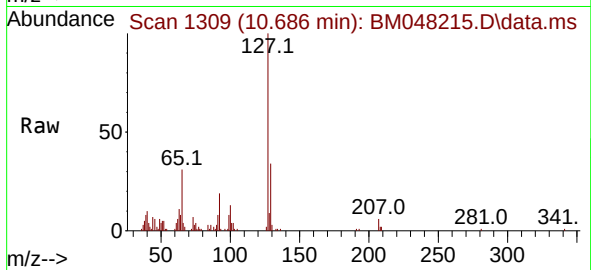
Tgt Ion:122 Resp: 25912
Ion Ratio Lower Upper
122 100
105 118.0 99.3 139.3
77 100.2 70.4 110.4





#33
4-Chloroaniline
Concen: 3.393 ng
RT: 10.686 min Scan# 1309
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

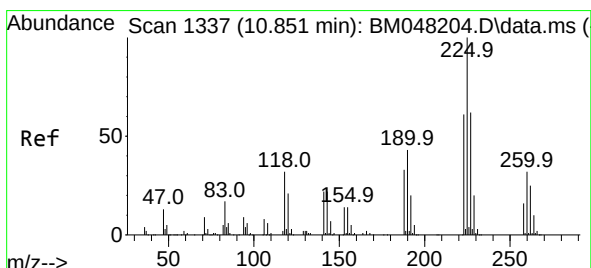
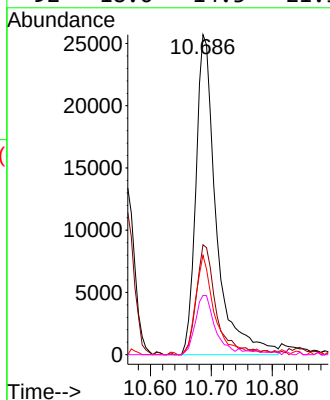
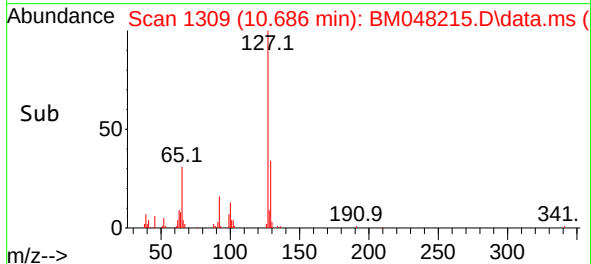
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



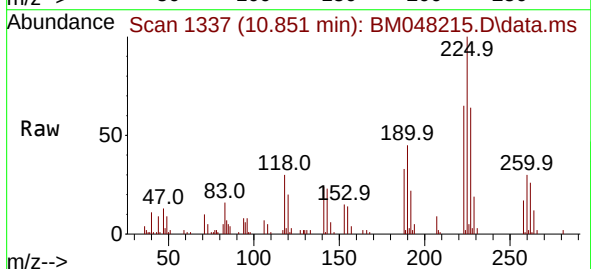
Tgt Ion:127 Resp: 5985
Ion Ratio Lower Upper
127 100
129 34.4 25.8 38.6
65 31.0 23.7 35.5
92 18.6 14.3 21.5

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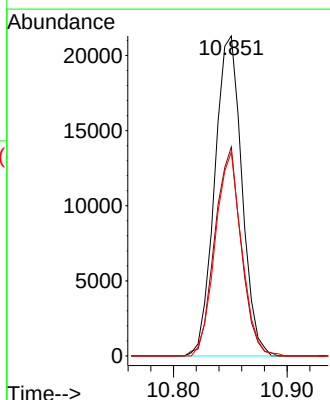
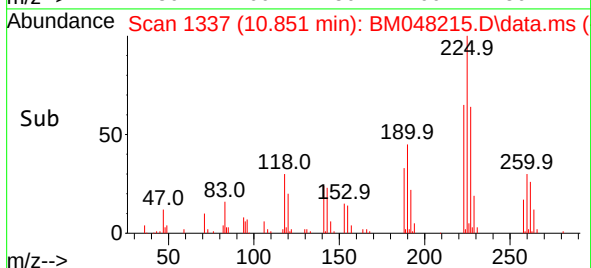
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

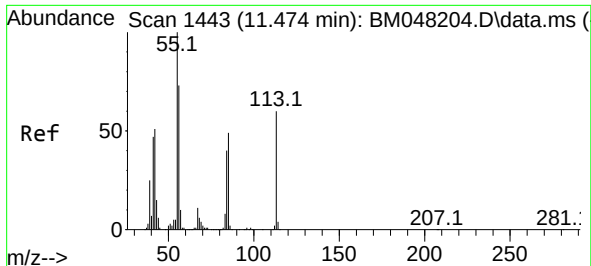


#34
Hexachlorobutadiene
Concen: 3.230 ng
RT: 10.851 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



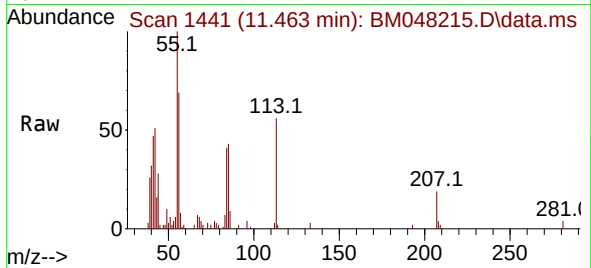
Tgt Ion:225 Resp: 35358
Ion Ratio Lower Upper
225 100
223 65.3 48.6 73.0
227 63.7 49.6 74.4





#35
Caprolactam
Concen: 2.739 ng
RT: 11.463 min Scan# 1443
Delta R.T. -0.012 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

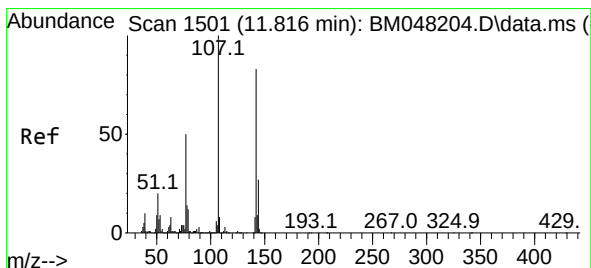
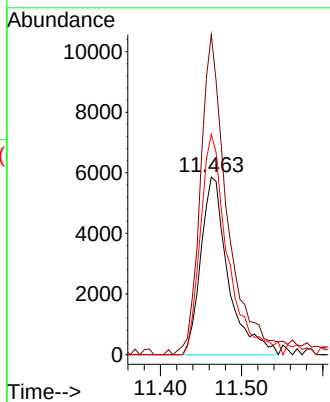
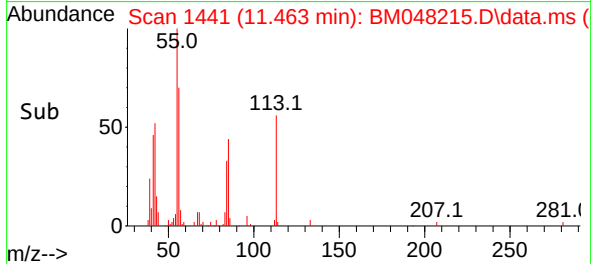
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



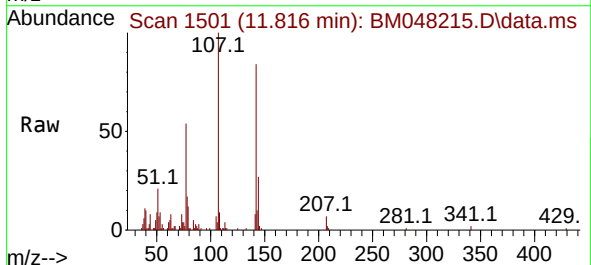
Tgt Ion:113 Resp: 13720
Ion Ratio Lower Upper
113 100
55 180.1 146.1 186.1
56 124.0 101.9 141.9

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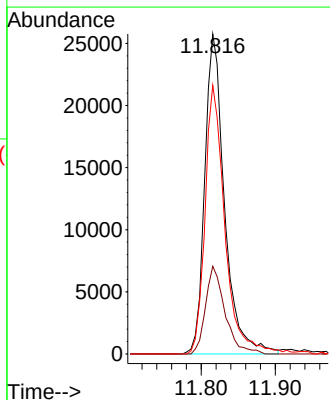
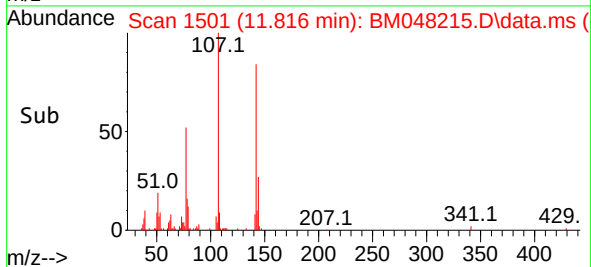
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

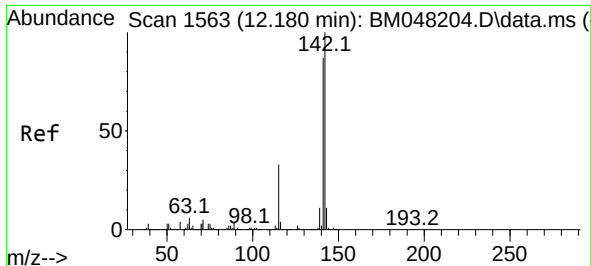


#36
4-Chloro-3-methylphenol
Concen: 2.965 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



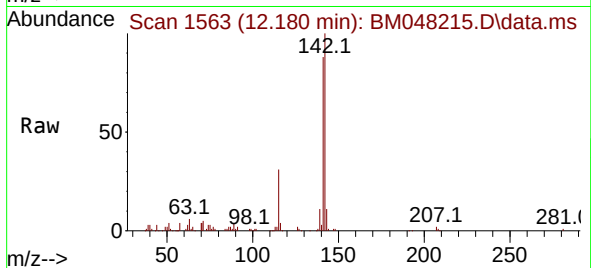
Tgt Ion:107 Resp: 47741
Ion Ratio Lower Upper
107 100
144 27.4 21.5 32.3
142 84.0 66.8 100.2





#37
2-Methylnaphthalene
Concen: 3.330 ng
RT: 12.180 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

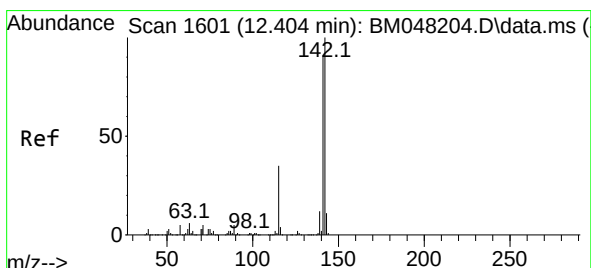
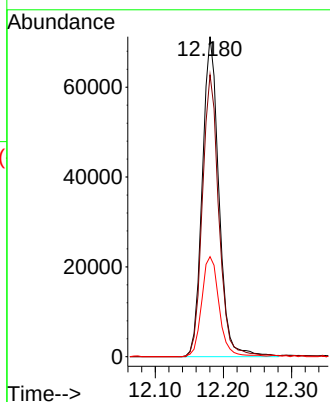
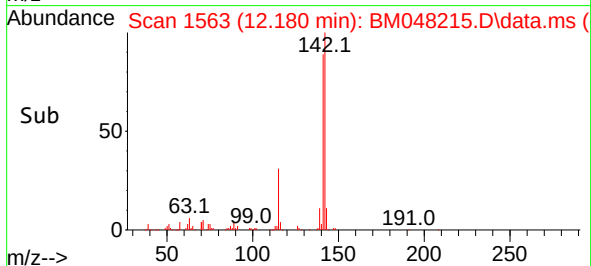
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:142 Resp: 12103
Ion Ratio Lower Upper
142 100
141 88.1 69.8 104.6
115 31.3 26.3 39.5

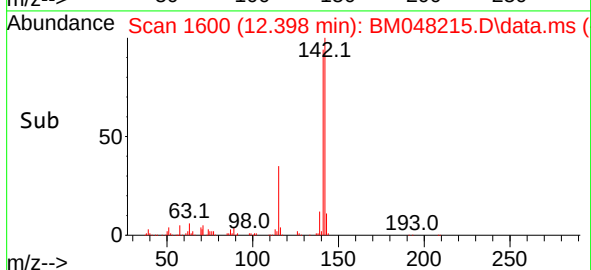
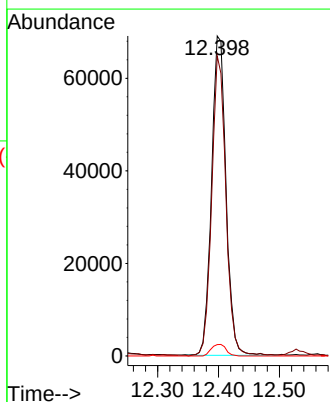
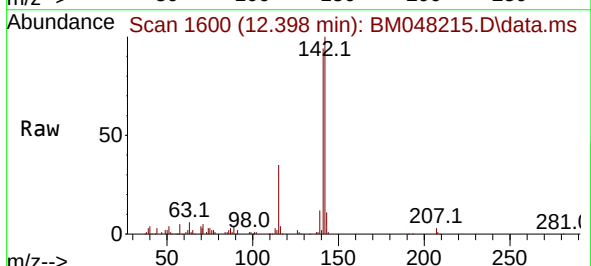
Manual Integrations
APPROVED

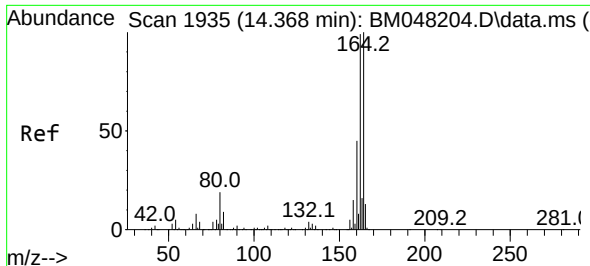
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#38
1-Methylnaphthalene
Concen: 3.165 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

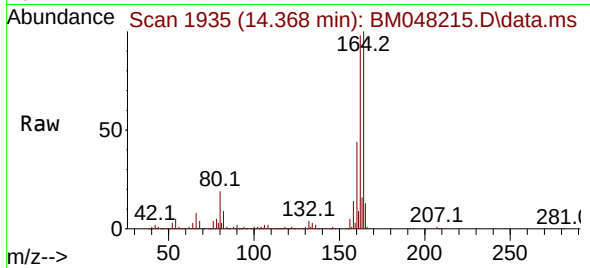
Tgt Ion:142 Resp: 114038
Ion Ratio Lower Upper
142 100
141 93.8 72.7 109.1
116 3.5 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.368 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

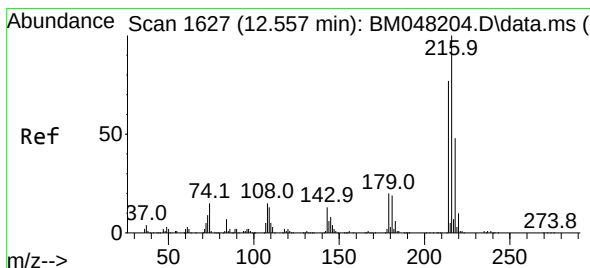
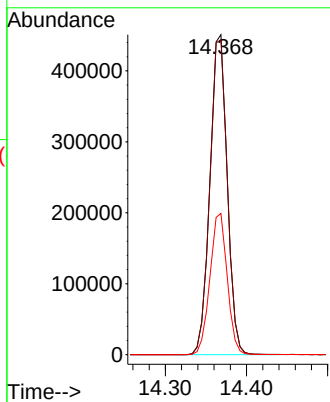
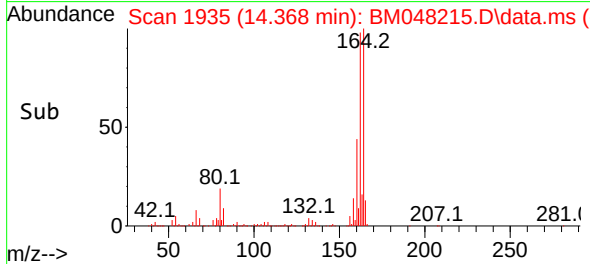
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:164 Resp: 665925
Ion Ratio Lower Upper
164 100
162 98.4 79.1 118.7
160 44.2 35.8 53.8

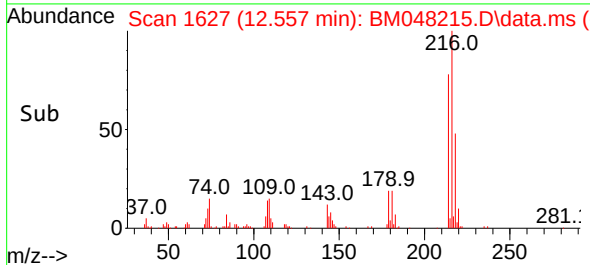
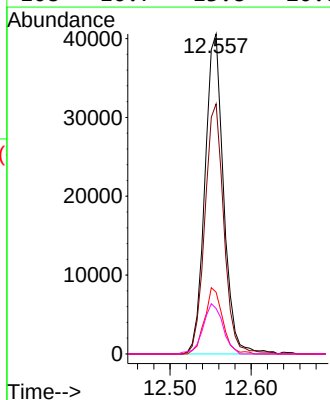
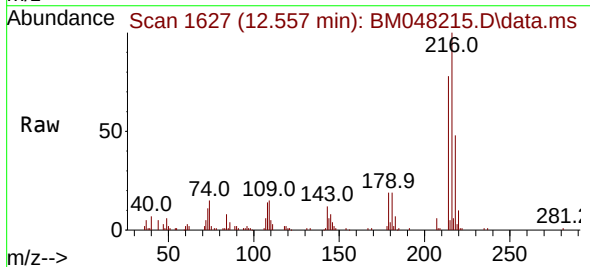
Manual Integrations
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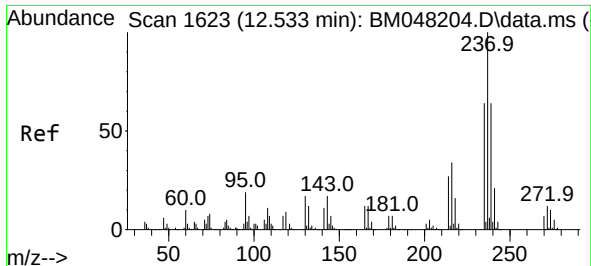
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.395 ng
RT: 12.557 min Scan# 1627
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

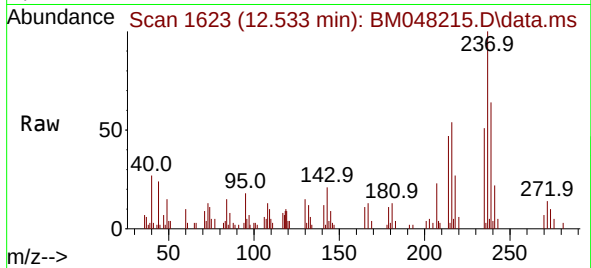
Tgt Ion:216 Resp: 64610
Ion Ratio Lower Upper
216 100
214 79.4 62.2 93.2
179 20.1 16.0 24.0
108 16.7 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 2.162 ng
RT: 12.533 min Scan# 1623
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

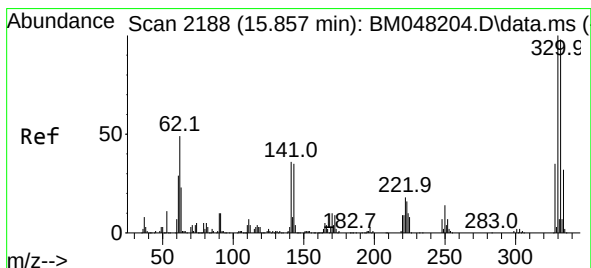
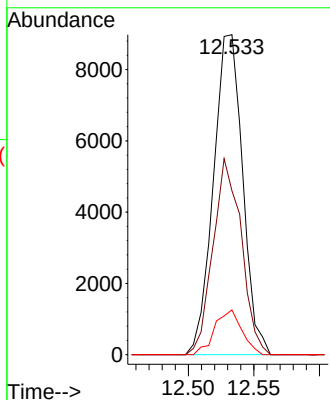
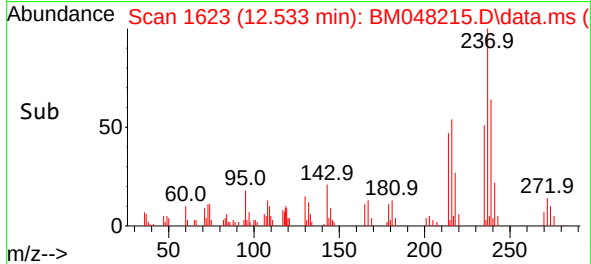
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



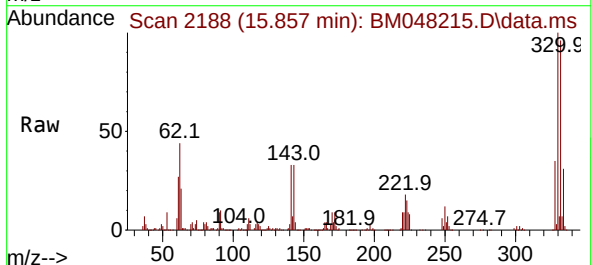
Tgt Ion:237 Resp: 13920
Ion Ratio Lower Upper
237 100
235 51.2 44.2 84.2
272 14.0 0.0 32.4

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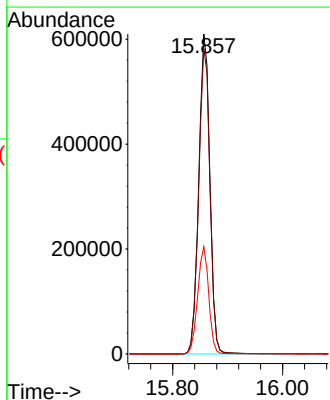
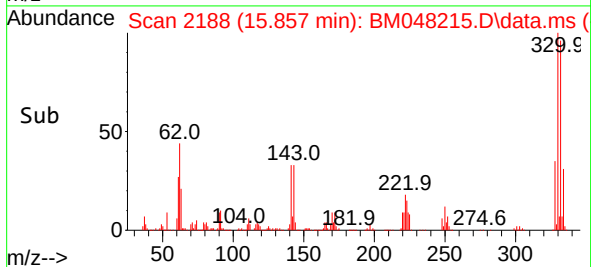
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

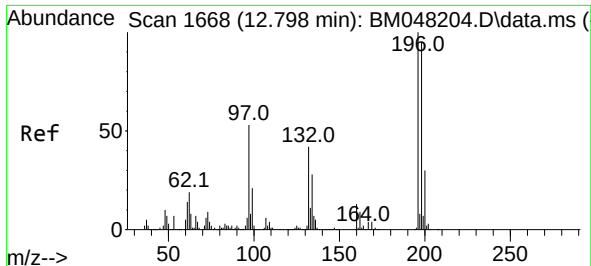


#42
2,4,6-Tribromophenol
Concen: 105.604 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



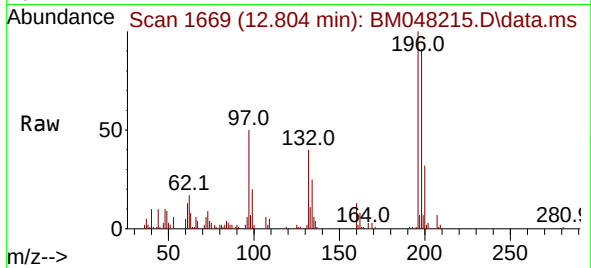
Tgt Ion:330 Resp: 860776
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 33.4 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 3.042 ng
RT: 12.804 min Scan# 1669
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

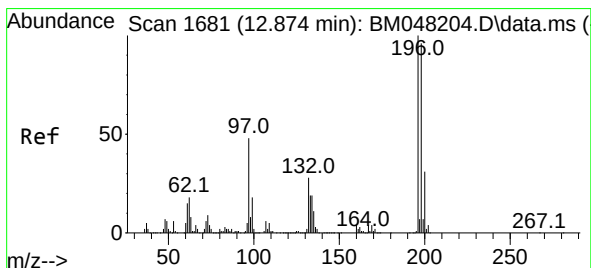
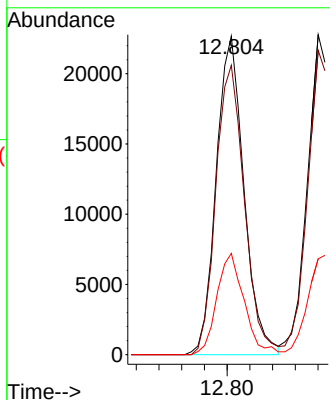
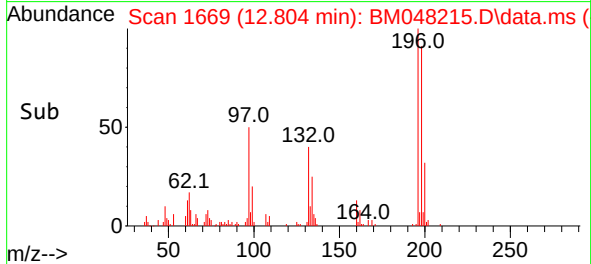
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



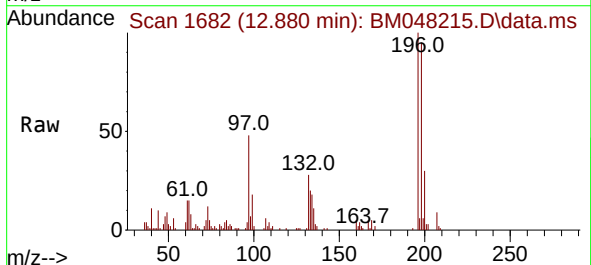
Tgt Ion:196 Resp: 38429
Ion Ratio Lower Upper
196 100
198 90.9 76.2 114.2
200 31.8 24.2 36.2

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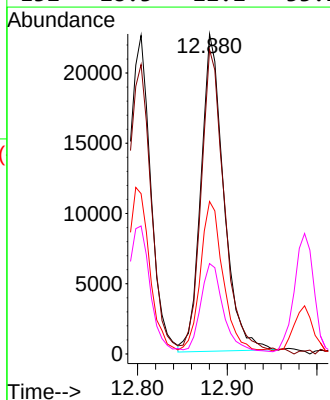
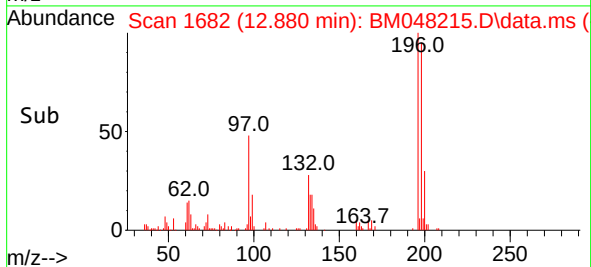
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

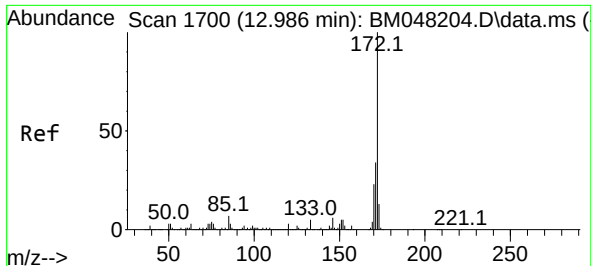


#44
2,4,5-Trichlorophenol
Concen: 2.832 ng
RT: 12.880 min Scan# 1682
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



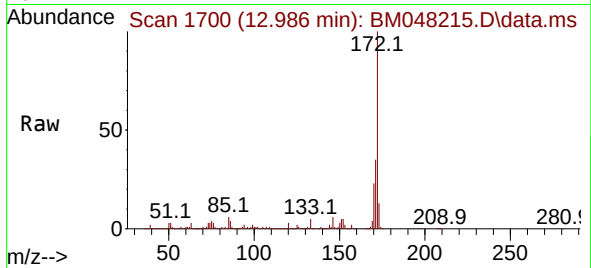
Tgt Ion:196 Resp: 39887
Ion Ratio Lower Upper
196 100
198 95.1 76.7 115.1
97 47.6 38.5 57.7
132 28.3 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 69.525 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

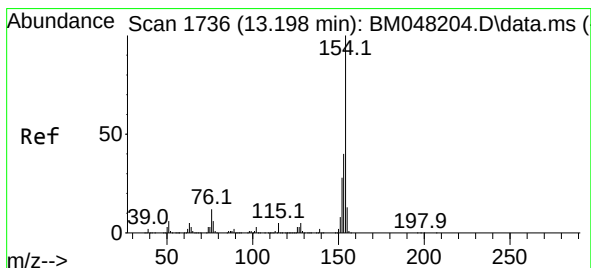
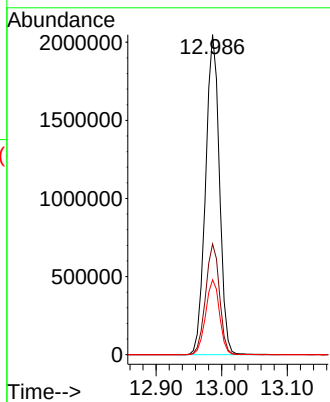
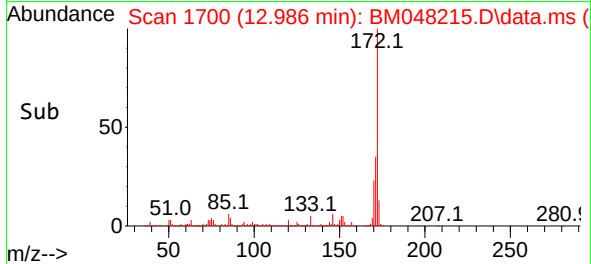
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:172 Resp: 301719
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 23.4 18.5 27.7

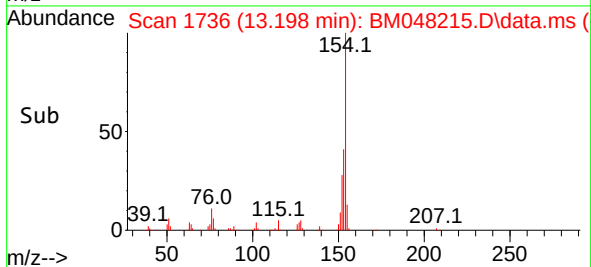
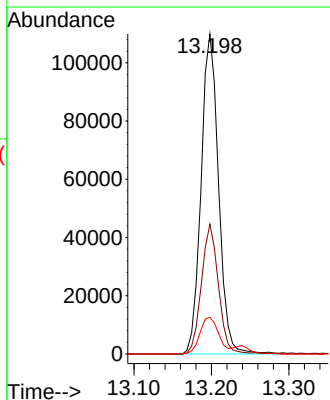
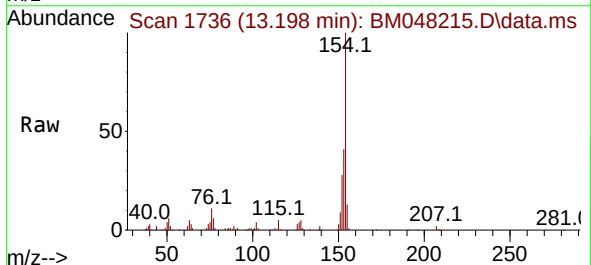
Manual Integrations
APPROVED

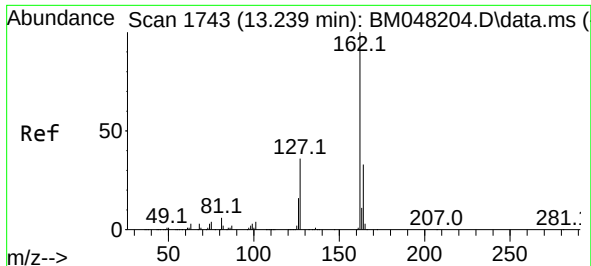
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#46
1,1'-Biphenyl
Concen: 3.617 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

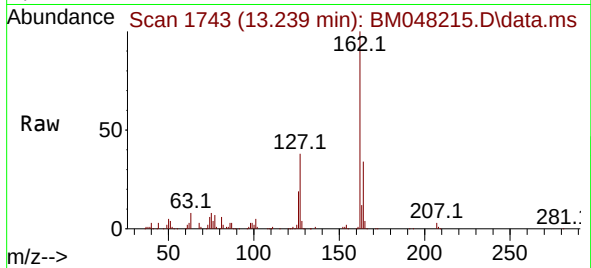
Tgt Ion:154 Resp: 171964
Ion Ratio Lower Upper
154 100
153 40.5 19.9 59.9
76 11.4 0.0 32.4





#47
2-Chloronaphthalene
Concen: 3.348 ng
RT: 13.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

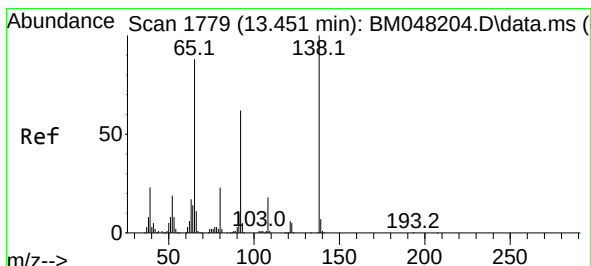
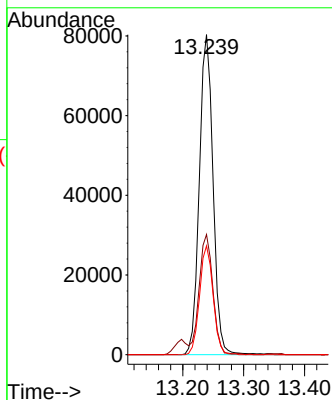
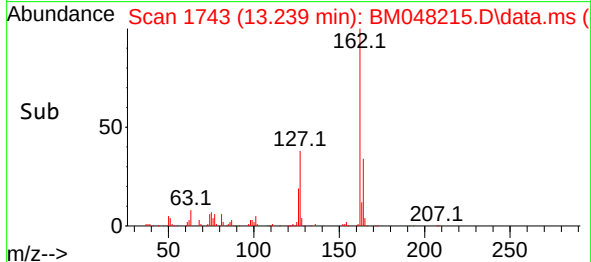
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



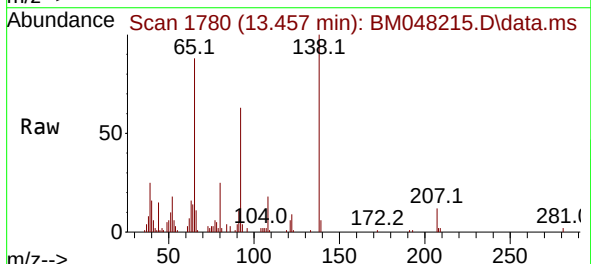
Tgt Ion:162 Resp: 125504
Ion Ratio Lower Upper
162 100
127 37.5 31.0 46.6
164 34.0 26.2 39.4

Manual Integrations
APPROVED

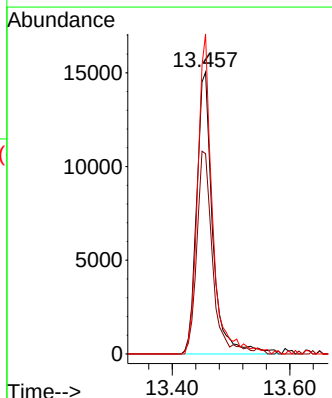
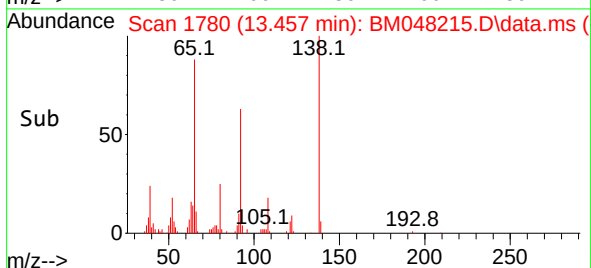
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

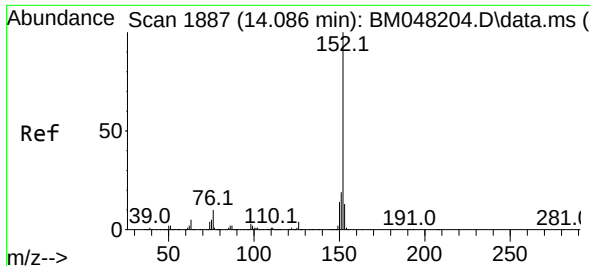


#48
2-Nitroaniline
Concen: 2.796 ng
RT: 13.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



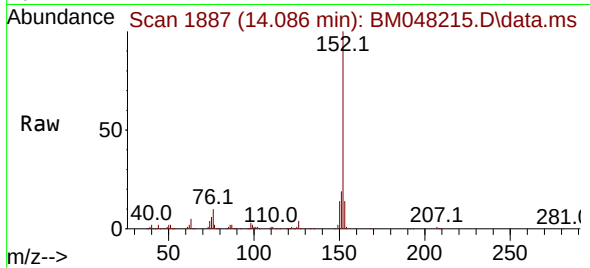
Tgt Ion: 65 Resp: 28432
Ion Ratio Lower Upper
65 100
92 71.1 56.0 84.0
138 113.6 90.8 136.2





#49
Acenaphthylene
Concen: 3.559 ng
RT: 14.086 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

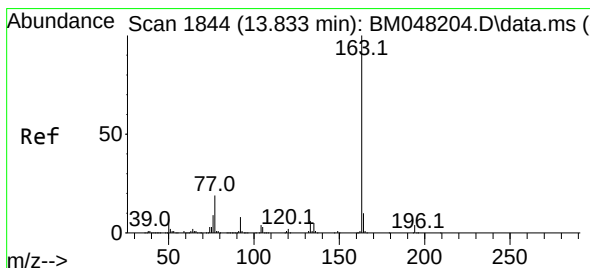
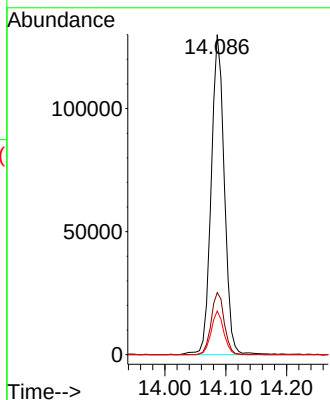
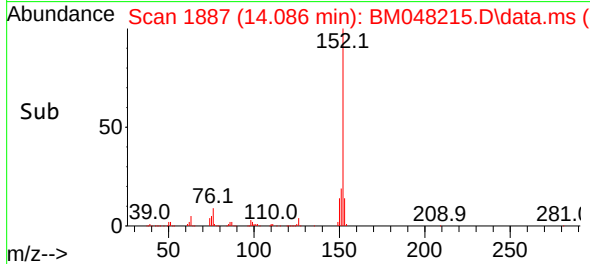
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:152 Resp: 194628
Ion Ratio Lower Upper
152 100
151 19.4 15.4 23.2
153 13.7 10.5 15.7

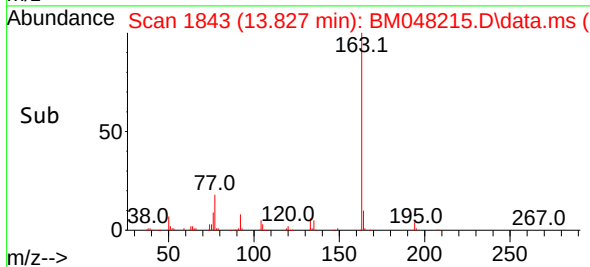
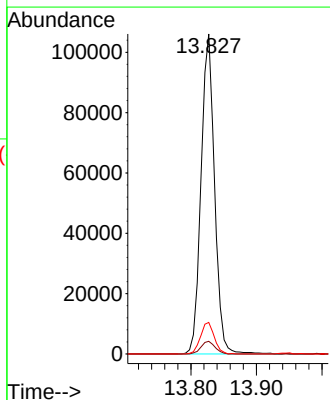
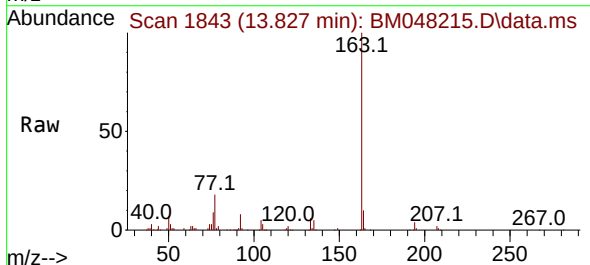
Manual Integrations
APPROVED

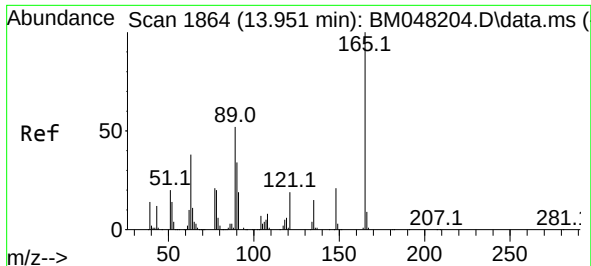
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#50
Dimethylphthalate
Concen: 3.352 ng
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

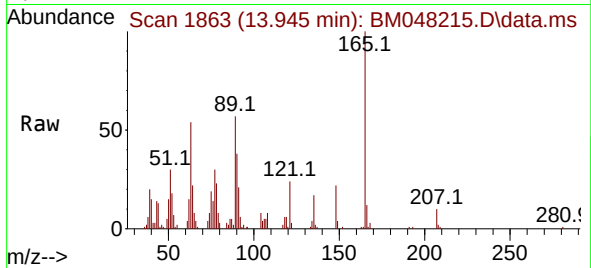
Tgt Ion:163 Resp: 152403
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.9 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 2.799 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

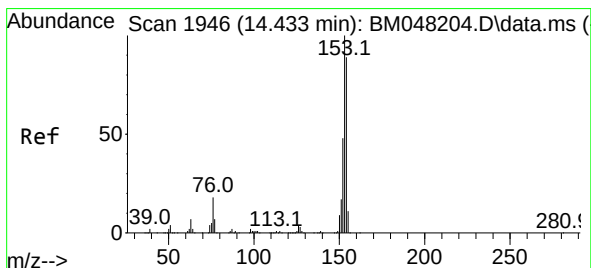
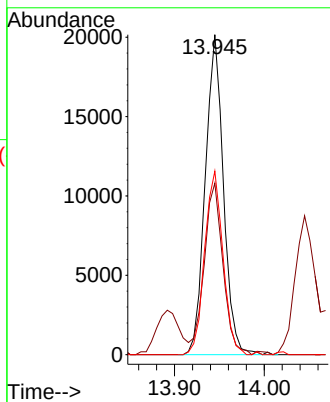
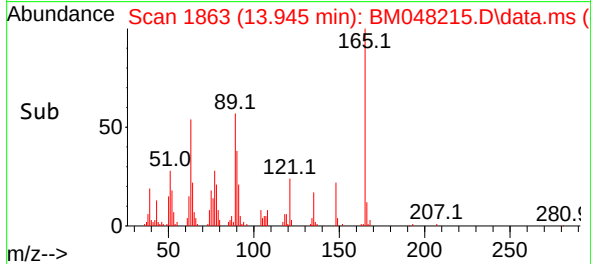
Instrument : BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:165 Resp: 2839
Ion Ratio Lower Upper
165 100
63 53.6 39.5 59.3
89 57.4 41.8 62.6

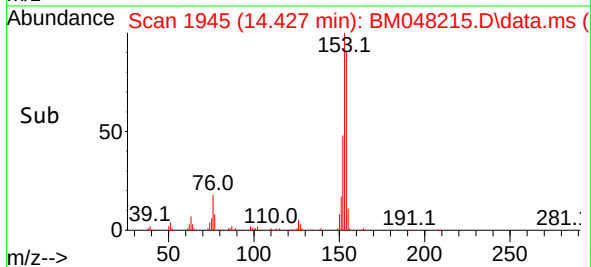
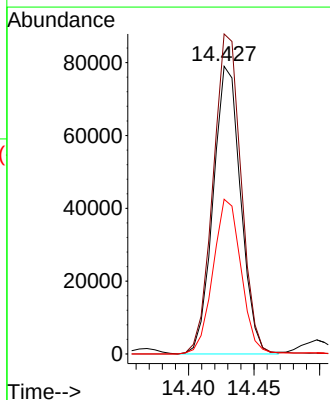
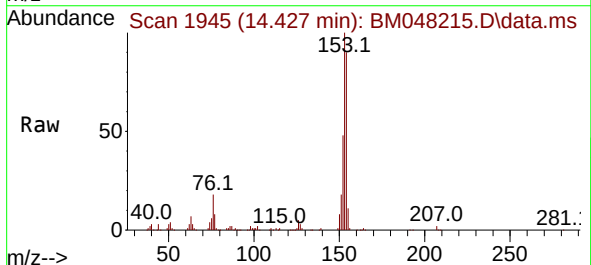
Manual Integrations
APPROVED

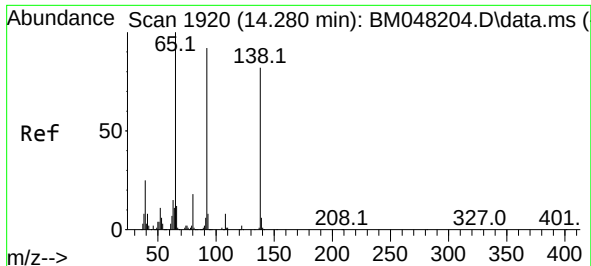
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#52
Acenaphthene
Concen: 3.317 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:154 Resp: 115281
Ion Ratio Lower Upper
154 100
153 111.2 90.4 135.6
152 53.8 43.6 65.4





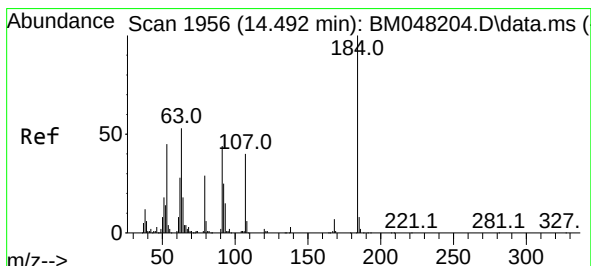
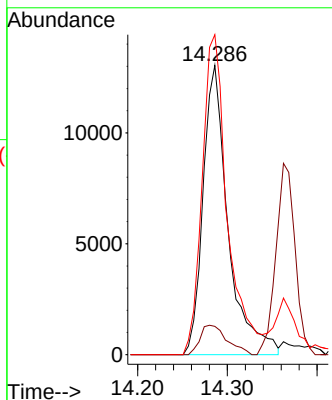
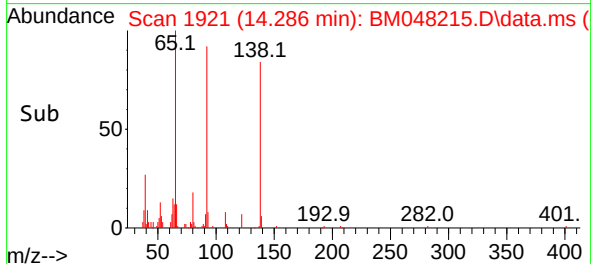
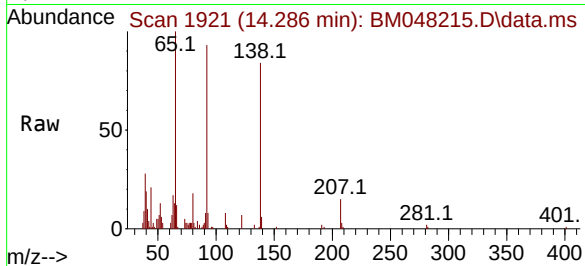
#53
3-Nitroaniline
Concen: 2.650 ng
RT: 14.286 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:138 Resp: 25354
Ion Ratio Lower Upper
138 100
108 9.8 7.5 11.3
92 110.6 89.7 134.5

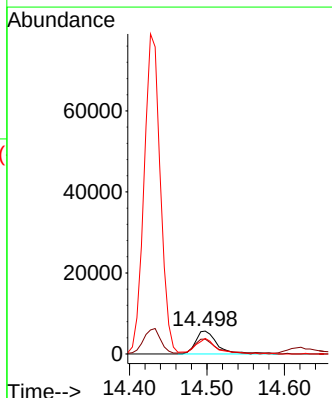
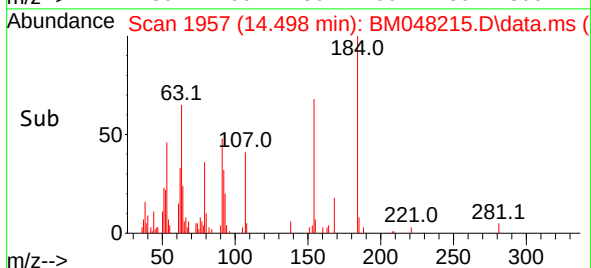
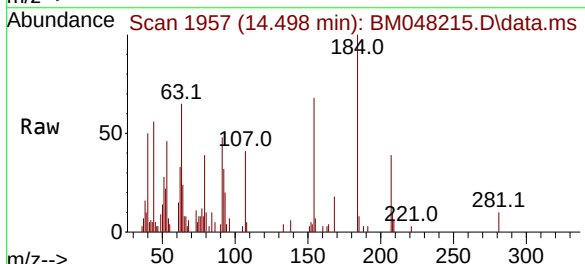
Manual Integrations
APPROVED

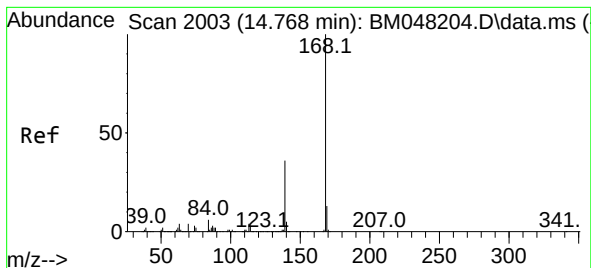
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#54
2,4-Dinitrophenol
Concen: 1.841 ng
RT: 14.498 min Scan# 1957
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

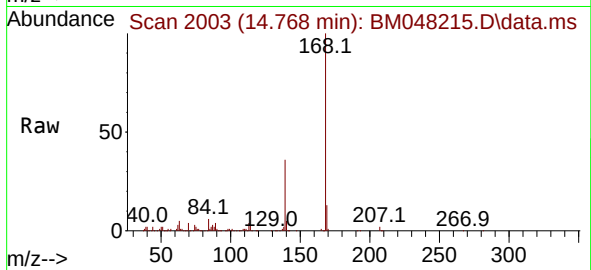
Tgt Ion:184 Resp: 10913
Ion Ratio Lower Upper
184 100
63 64.8 47.2 70.8
154 68.1 46.0 69.0





#55
Dibenzenofuran
Concen: 3.474 ng
RT: 14.768 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

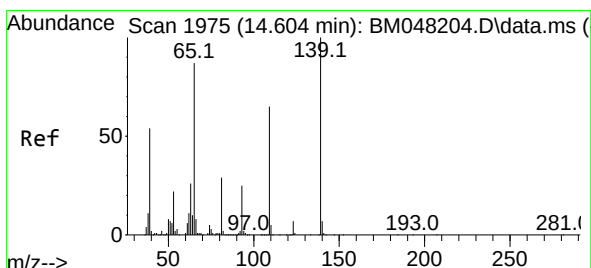
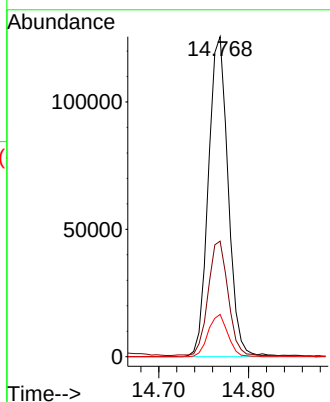
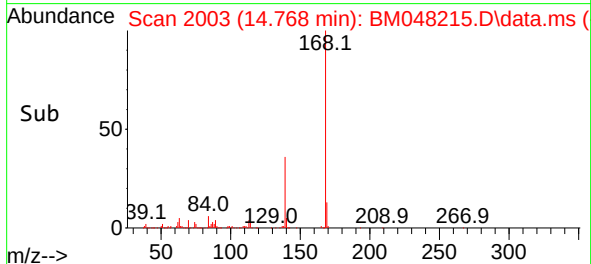
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



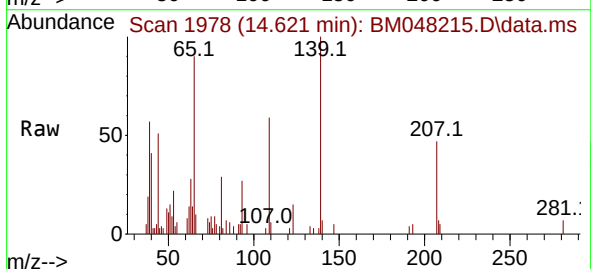
Tgt Ion:168 Resp: 191780
Ion Ratio Lower Upper
168 100
139 36.1 29.0 43.6
169 13.2 10.4 15.6

Manual Integrations
APPROVED

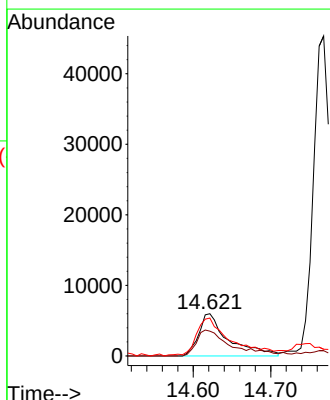
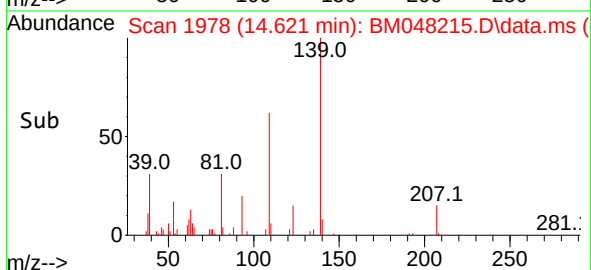
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

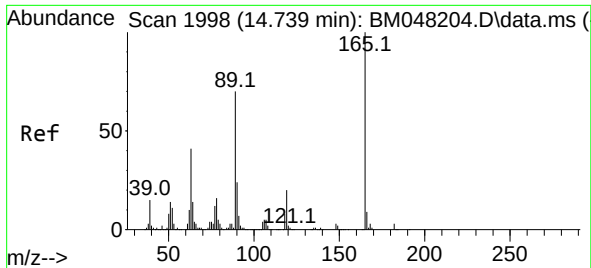


#56
4-Nitrophenol
Concen: 1.865 ng
RT: 14.621 min Scan# 1978
Delta R.T. 0.017 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



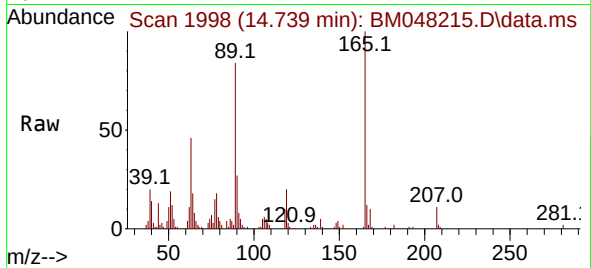
Tgt Ion:139 Resp: 15921
Ion Ratio Lower Upper
139 100
109 58.6 45.4 85.4
65 89.8 67.3 107.3





#57
2,4-Dinitrotoluene
Concen: 2.514 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

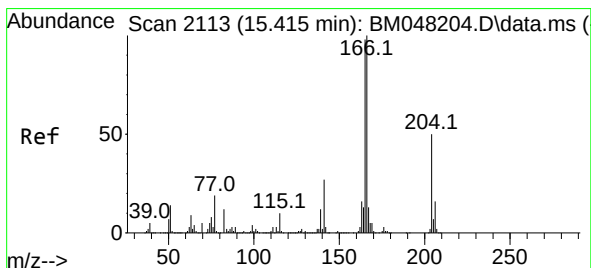
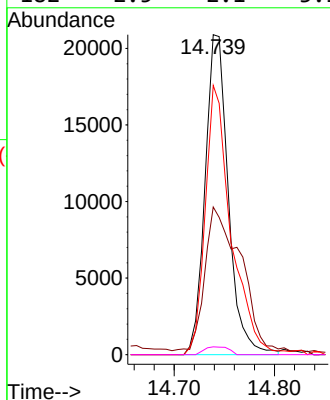
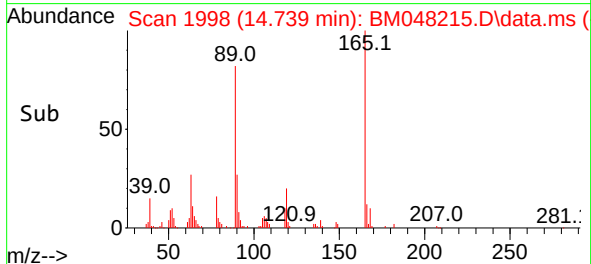
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:165 Resp: 33670
Ion Ratio Lower Upper
165 100
63 46.2 33.0 49.4
89 84.2 55.8 83.6
182 2.5 2.1 3.1

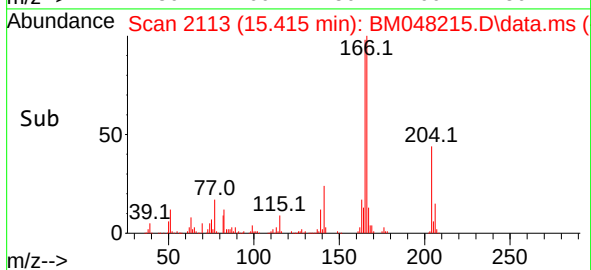
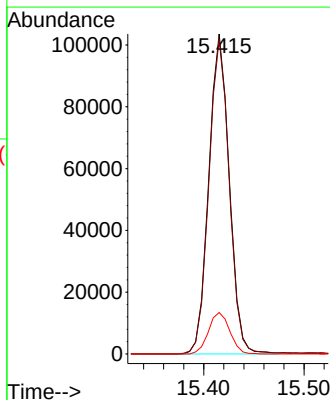
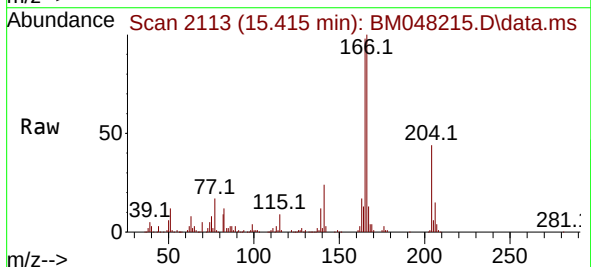
Manual Integrations
APPROVED

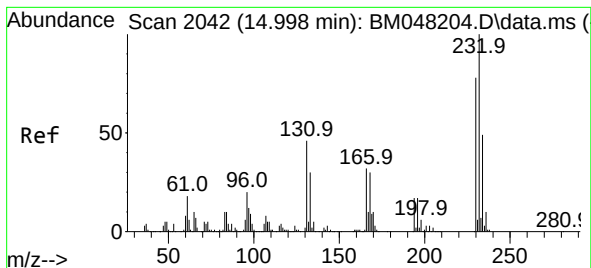
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#58
Fluorene
Concen: 3.372 ng
RT: 15.415 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

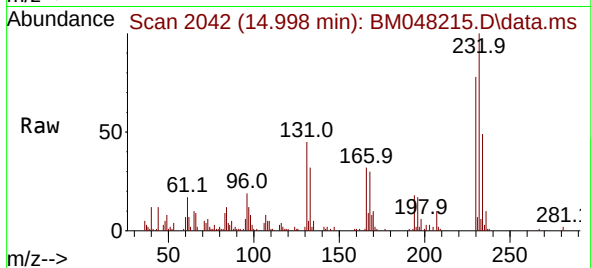
Tgt Ion:166 Resp: 147209
Ion Ratio Lower Upper
166 100
165 98.4 78.4 117.6
167 12.9 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.128 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

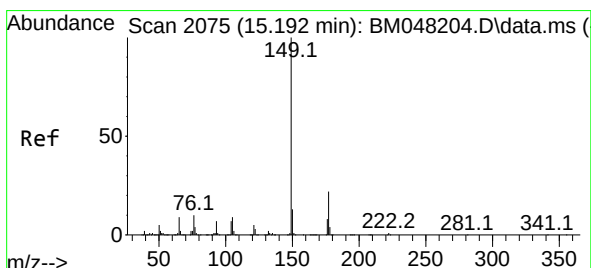
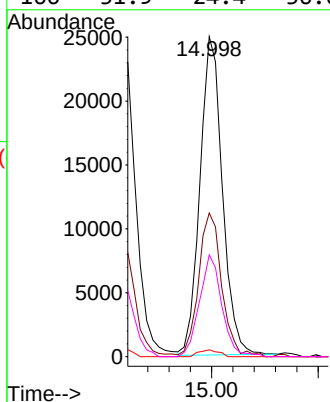
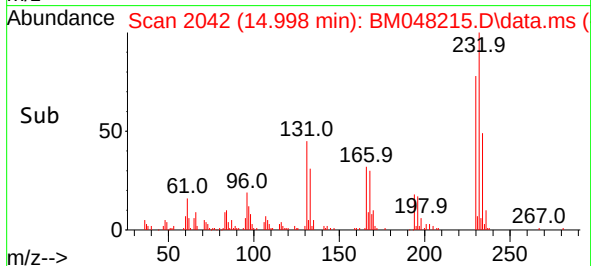
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:232 Resp: 36520
Ion Ratio Lower Upper
232 100
131 46.6 35.5 53.3
130 1.9 1.8 2.6
166 31.9 24.4 36.6

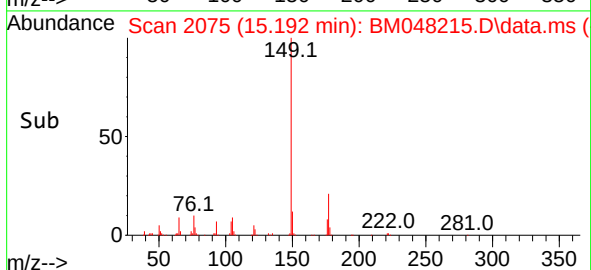
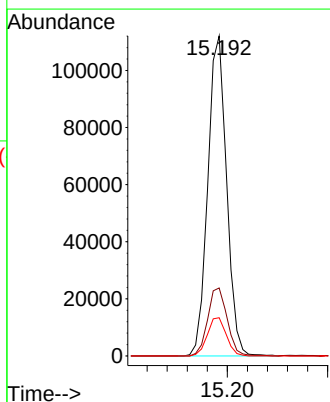
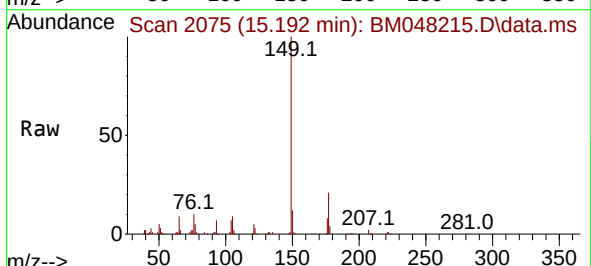
Manual Integrations
APPROVED

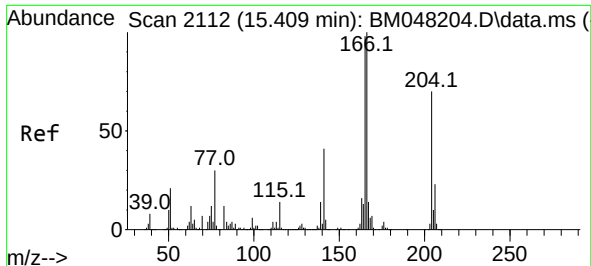
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#60
Diethylphthalate
Concen: 3.174 ng
RT: 15.192 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

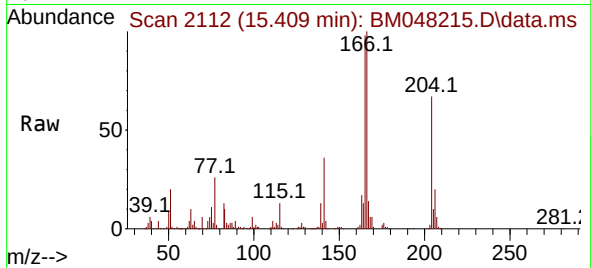
Tgt Ion:149 Resp: 146107
Ion Ratio Lower Upper
149 100
177 21.2 17.5 26.3
150 11.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 3.430 ng
RT: 15.409 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

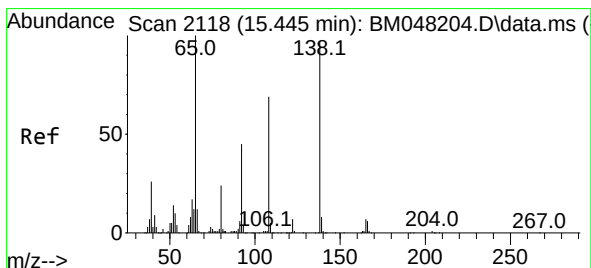
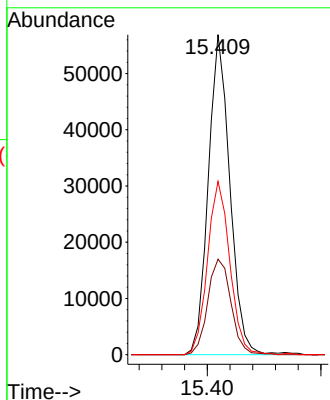
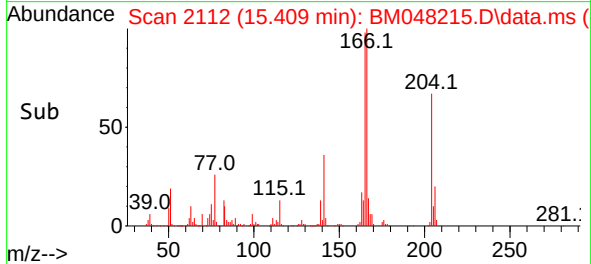
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



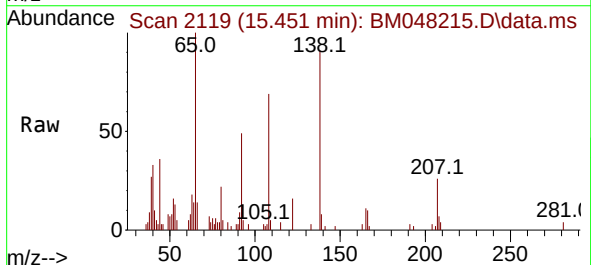
Tgt Ion:204 Resp: 7486
Ion Ratio Lower Upper
204 100
206 29.8 26.2 39.4
141 54.2 47.0 70.6

Manual Integrations
APPROVED

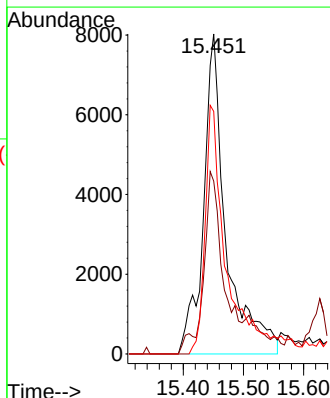
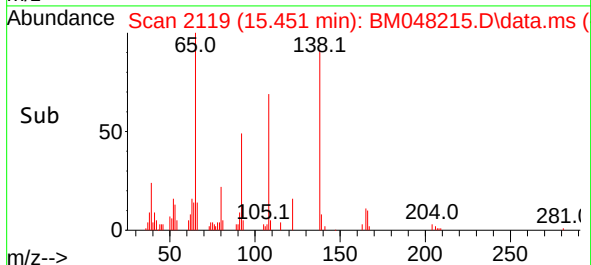
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

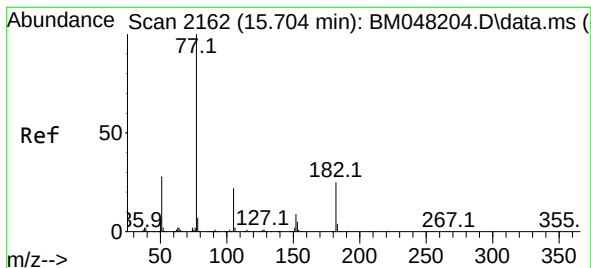


#62
4-Nitroaniline
Concen: 2.126 ng m
RT: 15.451 min Scan# 2119
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



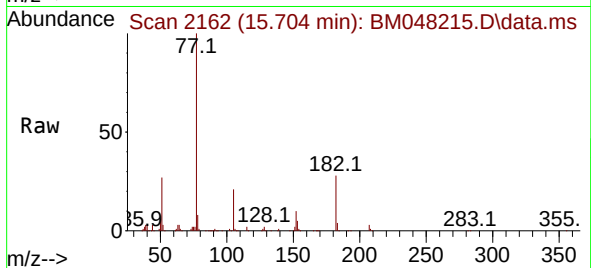
Tgt Ion:138 Resp: 21047
Ion Ratio Lower Upper
138 100
92 54.0 26.9 66.9
108 75.8 51.3 91.3





#63
Azobenzene
Concen: 3.210 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

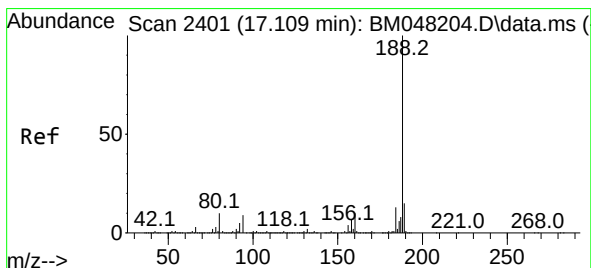
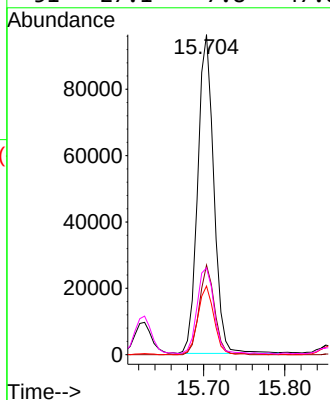
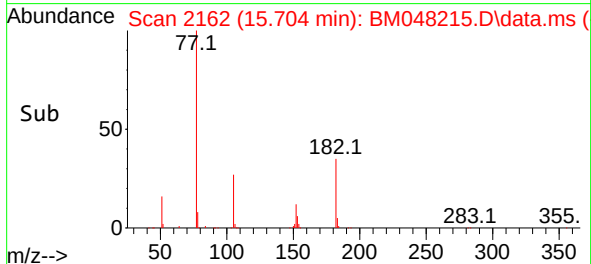
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion: 77 Resp: 13243
Ion Ratio Lower Upper
77 100
182 28.0 5.3 45.3
105 21.5 1.6 41.6
51 27.1 7.8 47.8

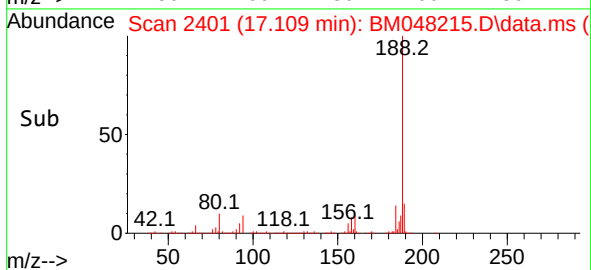
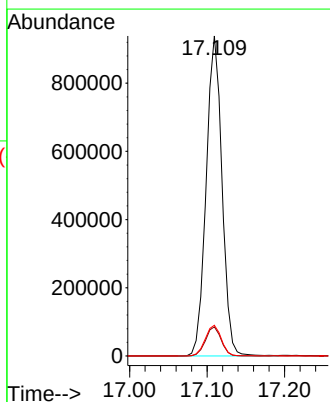
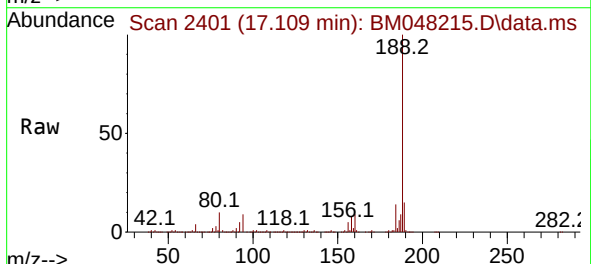
Manual Integrations
APPROVED

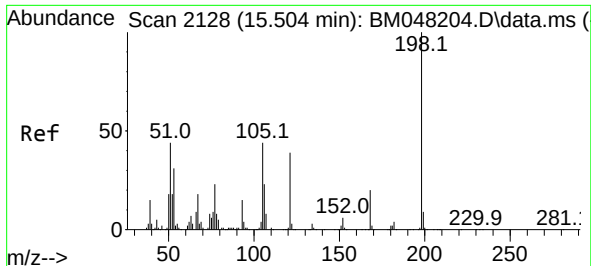
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.109 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:188 Resp: 1330654
Ion Ratio Lower Upper
188 100
94 9.1 7.3 10.9
80 9.6 8.0 12.0





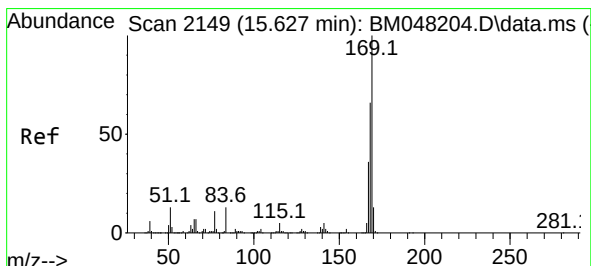
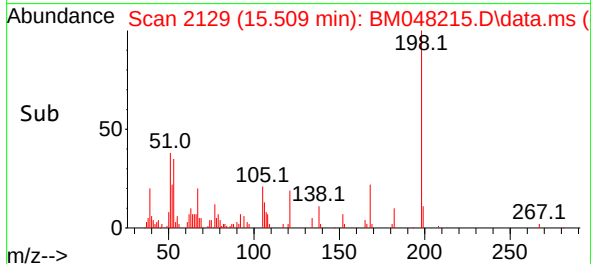
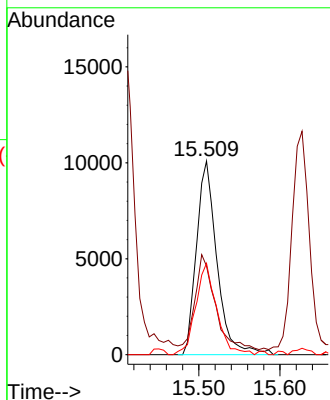
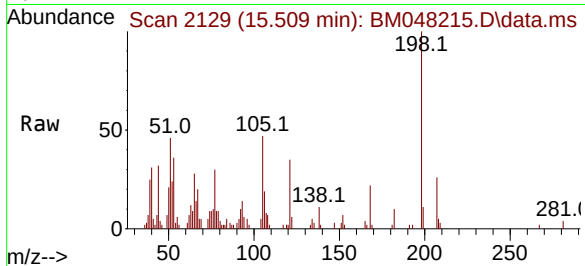
#65
4,6-Dinitro-2-methylphenol
Concen: 2.293 ng
RT: 15.509 min Scan# 2128
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:198 Resp: 1770
Ion Ratio Lower Upper
198 100
51 45.8 25.4 65.4
105 47.2 23.9 63.9

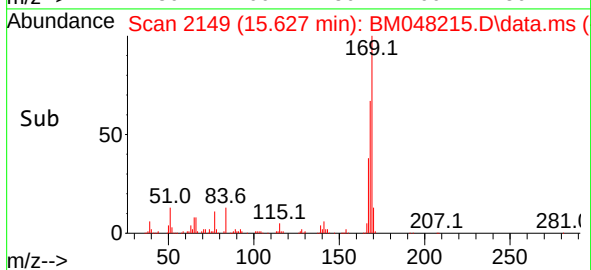
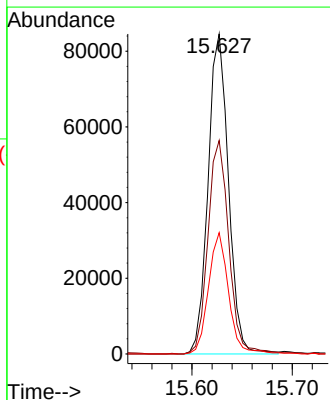
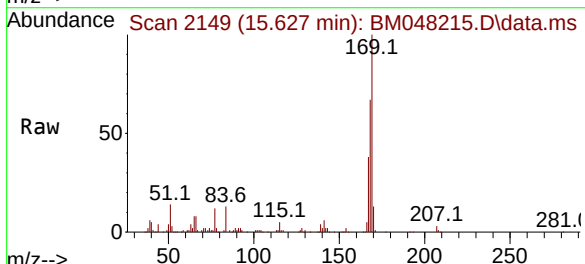
Manual Integrations
APPROVED

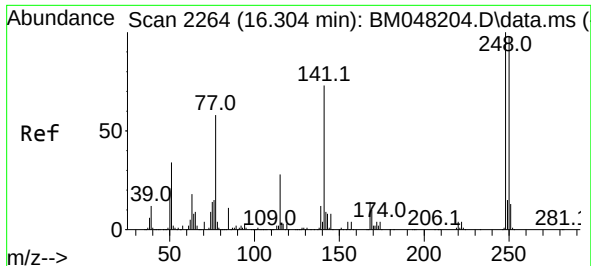
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#66
n-Nitrosodiphenylamine
Concen: 3.278 ng
RT: 15.627 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

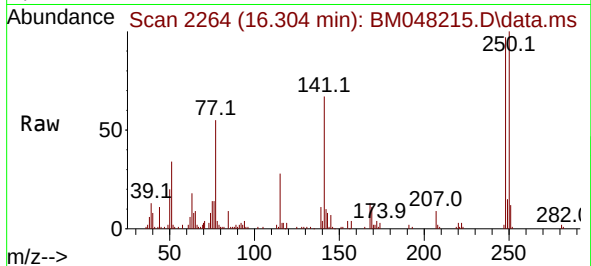
Tgt Ion:169 Resp: 119758
Ion Ratio Lower Upper
169 100
168 66.7 52.9 79.3
167 37.9 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 3.283 ng
RT: 16.304 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

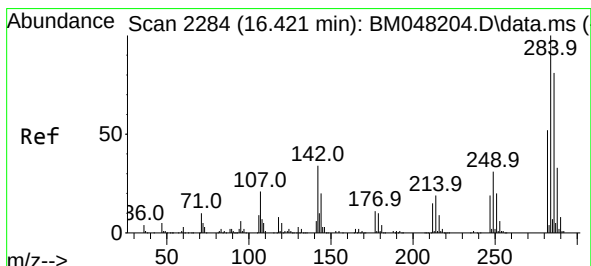
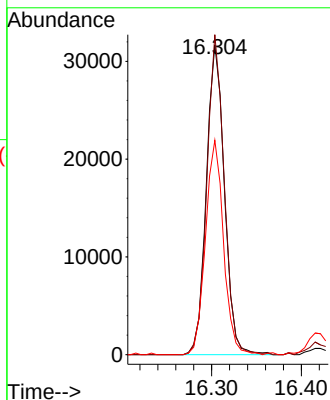
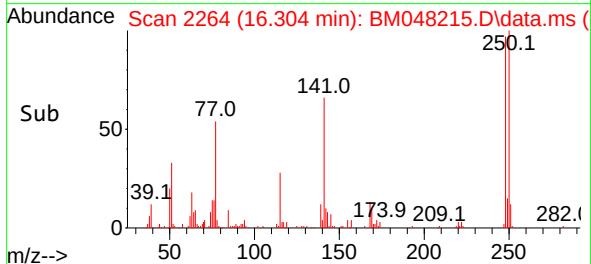
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



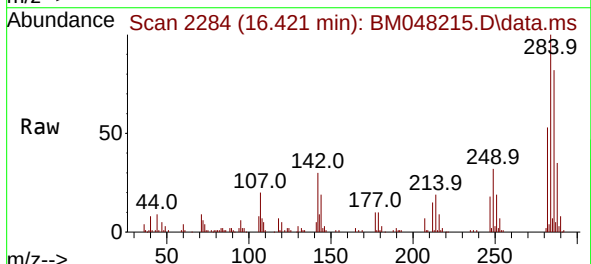
Tgt Ion:248 Resp: 44290
Ion Ratio Lower Upper
248 100
250 103.2 78.3 117.5
141 69.2 58.0 87.0

Manual Integrations
APPROVED

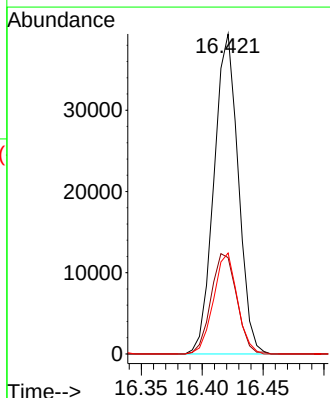
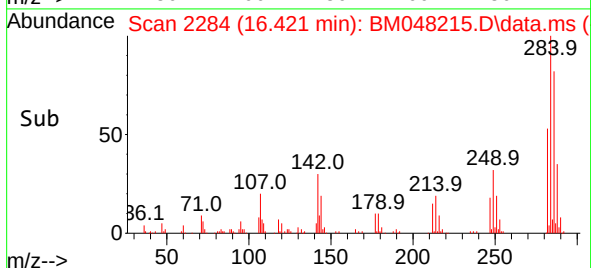
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

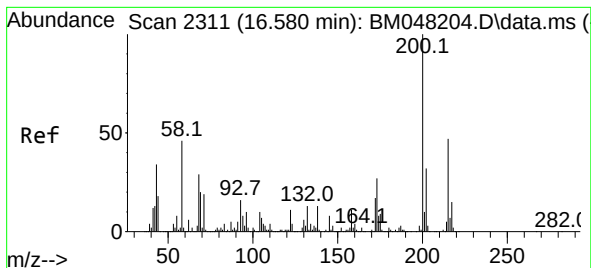


#68
Hexachlorobenzene
Concen: 3.372 ng
RT: 16.421 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



Tgt Ion:284 Resp: 54644
Ion Ratio Lower Upper
284 100
142 30.1 27.0 40.4
249 31.5 24.6 36.8





#69

Atrazine

Concen: 3.935 ng

RT: 16.580 min Scan# 2311

Delta R.T. 0.000 min

Lab File: BM048215.D

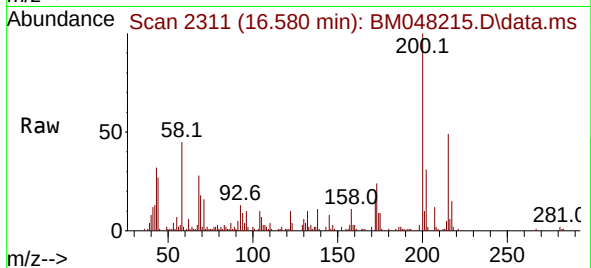
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



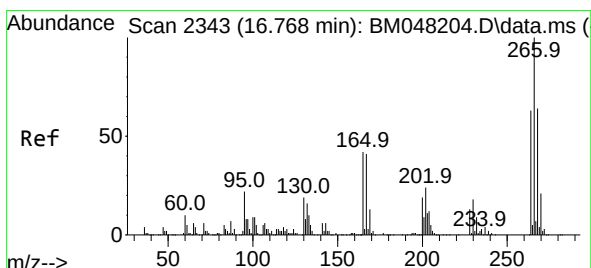
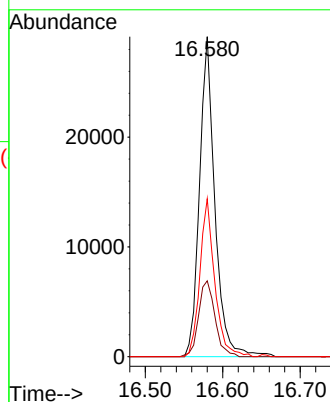
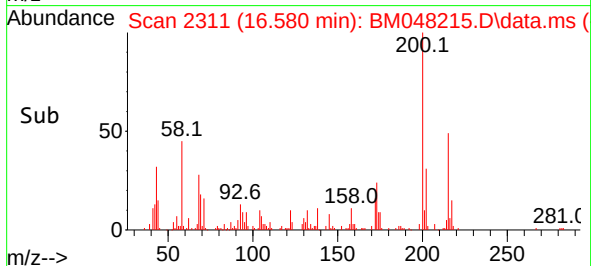
Tgt Ion:	200	Resp:	40210
Ion Ratio	Lower	Upper	
200	100		
173	23.7	6.5	46.5
215	49.3	27.2	67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#70

Pentachlorophenol

Concen: 2.698 ng

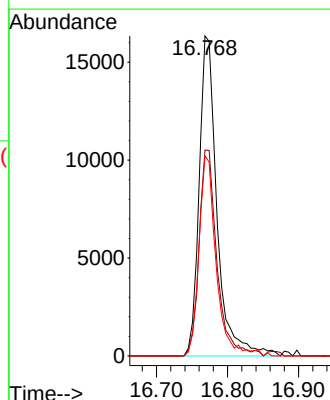
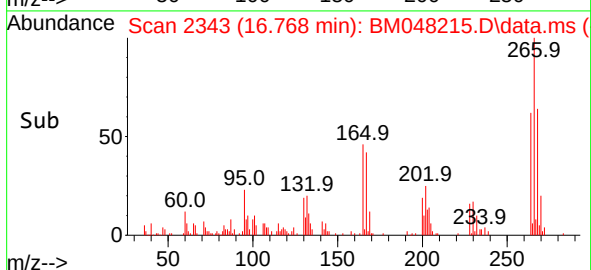
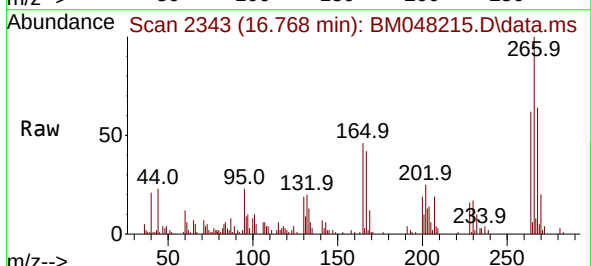
RT: 16.768 min Scan# 2343

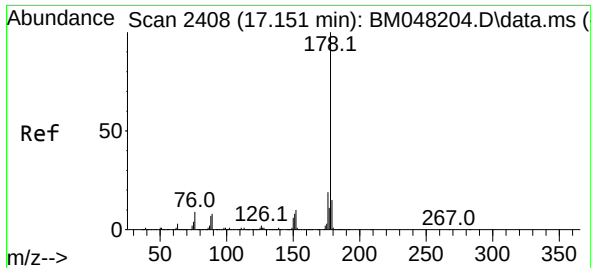
Delta R.T. 0.000 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

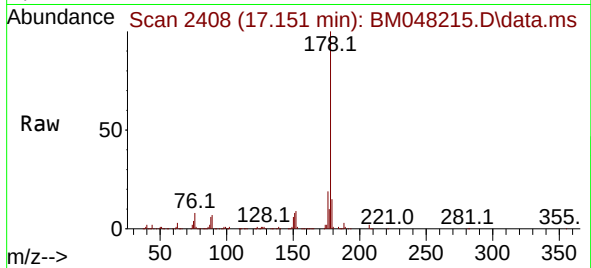
Tgt Ion:	266	Resp:	28706
Ion Ratio	Lower	Upper	
266	100		
268	64.3	50.8	76.2
264	62.5	50.2	75.2





#71
Phenanthrene
Concen: 3.527 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

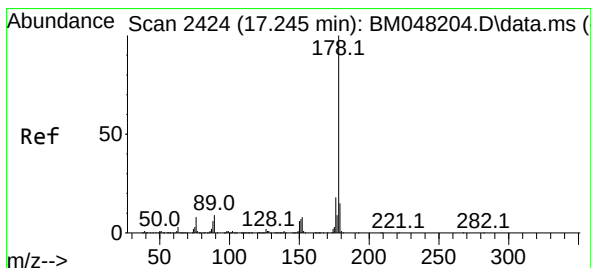
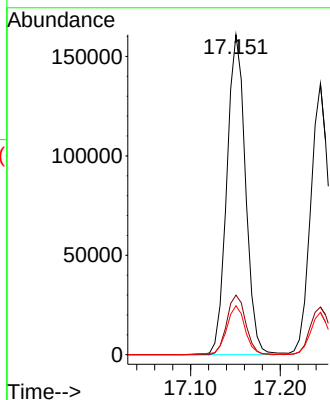
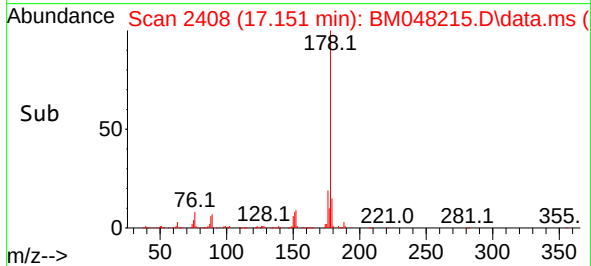
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



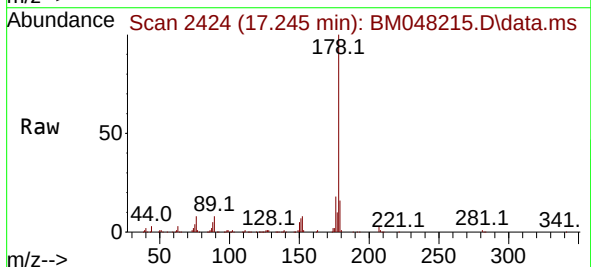
Tgt Ion:178 Resp: 232378
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.3 12.4 18.6

Manual Integrations
APPROVED

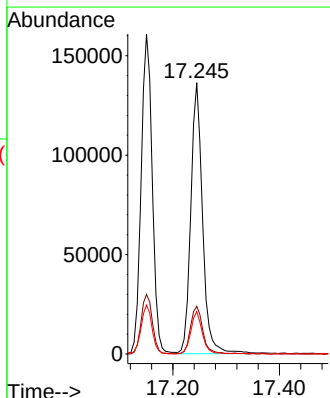
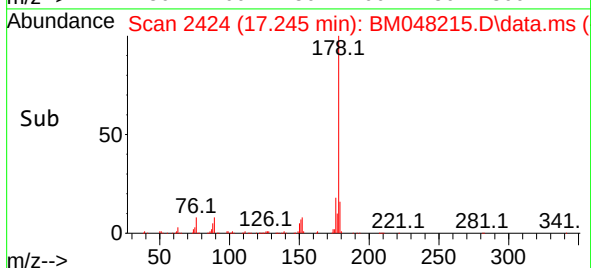
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

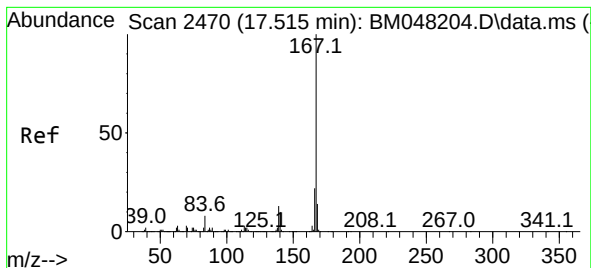


#72
Anthracene
Concen: 3.289 ng
RT: 17.245 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



Tgt Ion:178 Resp: 209760
Ion Ratio Lower Upper
178 100
176 17.6 14.8 22.2
179 15.6 12.2 18.2





#73

Carbazole

Concen: 3.114 ng

RT: 17.521 min Scan# 2470

Delta R.T. 0.006 min

Lab File: BM048215.D

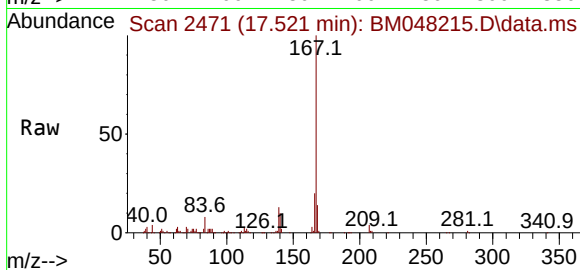
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion:167 Resp: 194720

Ion Ratio Lower Upper

167 100

166 20.1 17.2 25.8

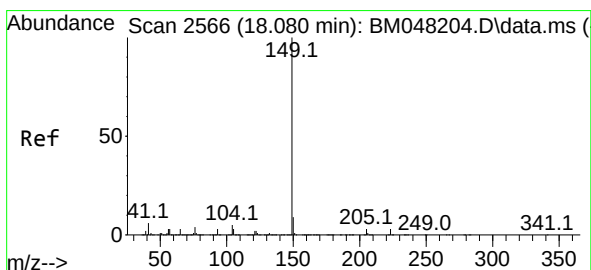
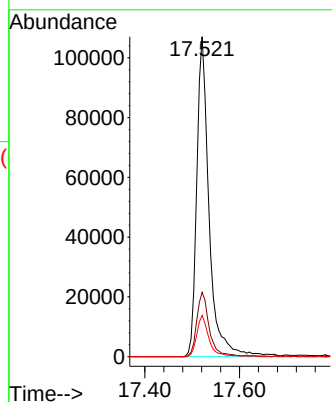
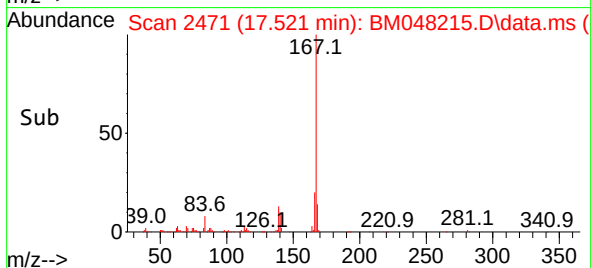
139 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#74

Di-n-butylphthalate

Concen: 2.967 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

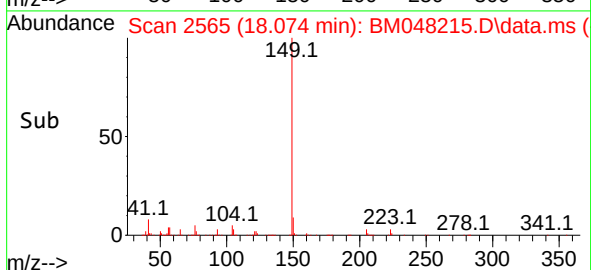
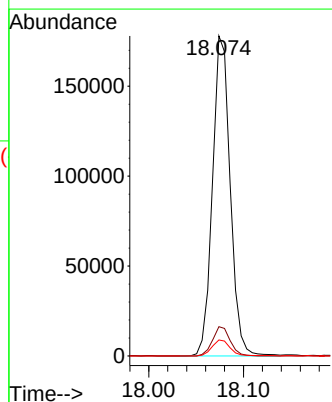
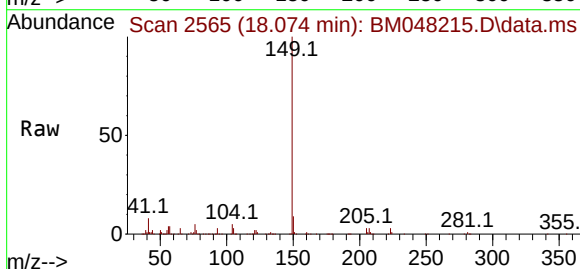
Tgt Ion:149 Resp: 230922

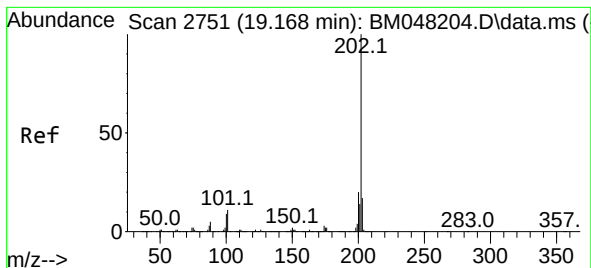
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

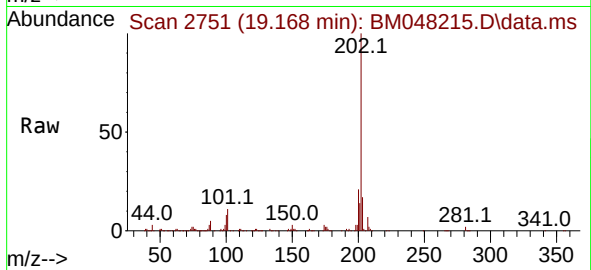
104 5.0 3.8 5.6





#75
Fluoranthene
Concen: 3.181 ng
RT: 19.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

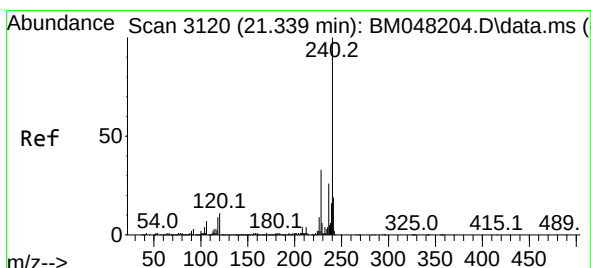
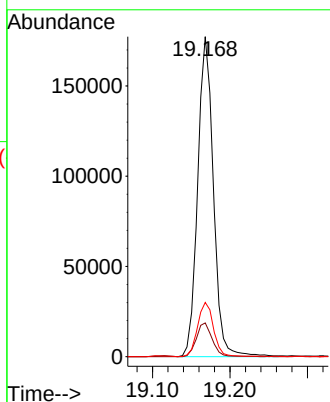
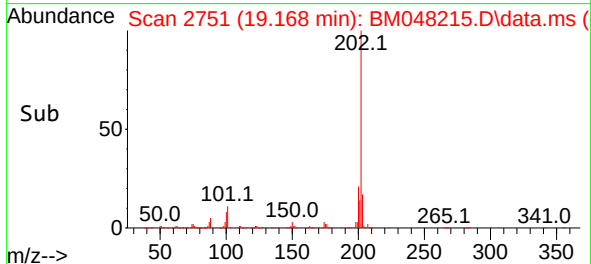
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



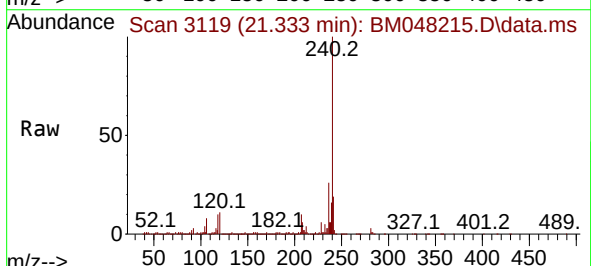
Tgt Ion:202 Resp: 250020
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 17.0 0.0 37.5

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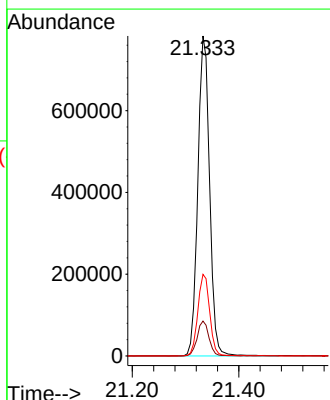
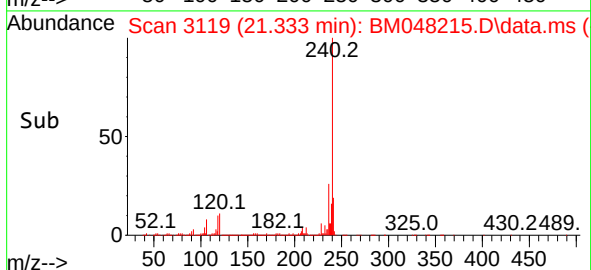
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

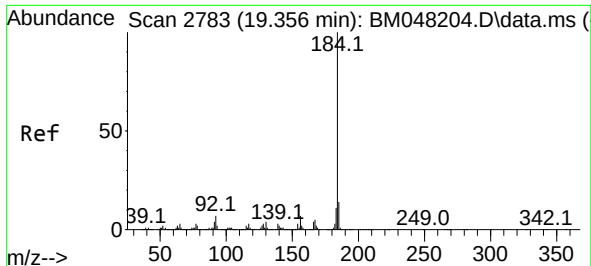


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51



Tgt Ion:240 Resp: 1195942
Ion Ratio Lower Upper
240 100
120 10.9 8.6 13.0
236 25.5 20.7 31.1





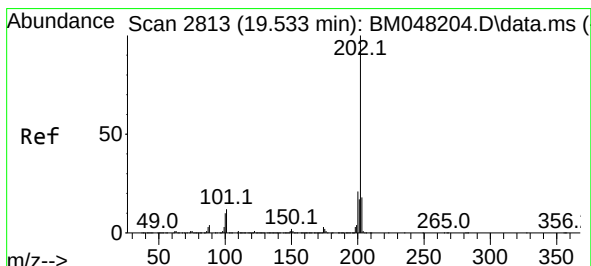
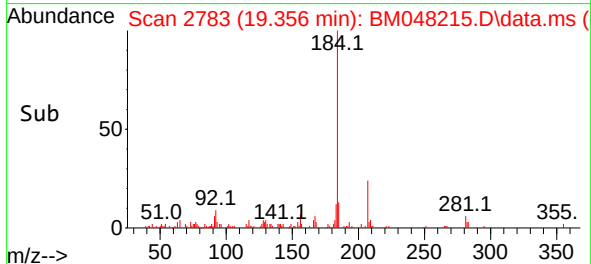
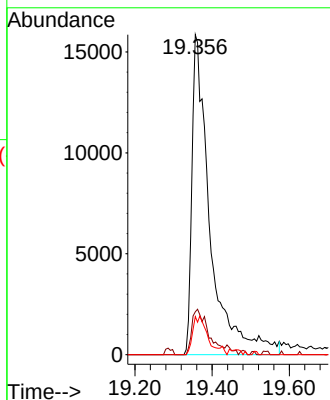
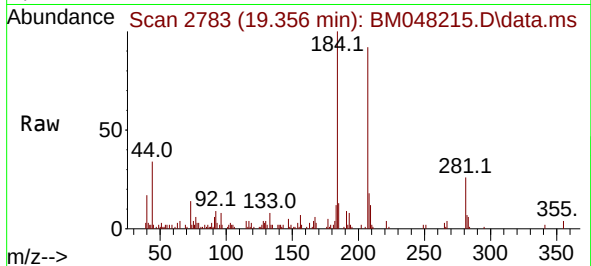
#77
Benzidine
Concen: 3.766 ng m
RT: 19.356 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024

Tgt Ion:184 Resp: 5198
Ion Ratio Lower Upper
184 100
185 13.4 11.4 17.0
183 11.9 9.0 13.4

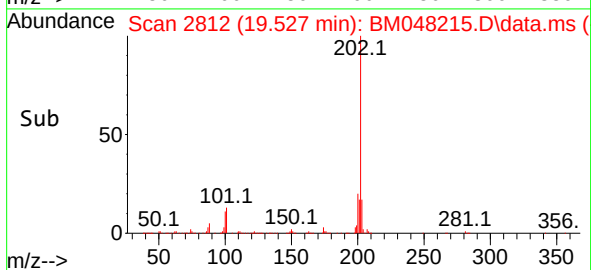
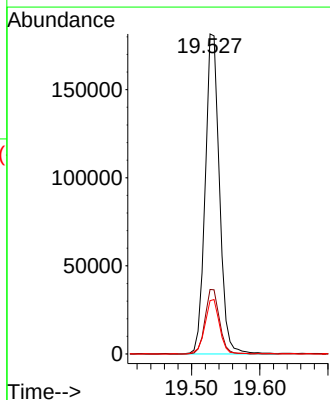
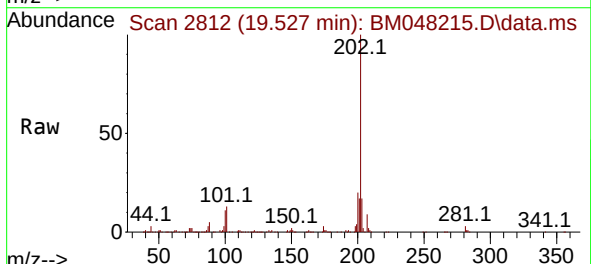
Manual Integrations
APPROVED

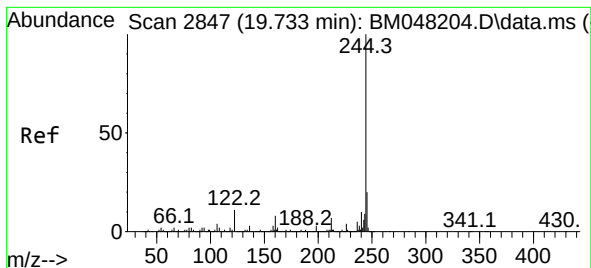
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#78
Pyrene
Concen: 3.300 ng
RT: 19.527 min Scan# 2812
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:202 Resp: 264148
Ion Ratio Lower Upper
202 100
200 20.2 16.9 25.3
203 16.6 14.1 21.1





#79

Terphenyl-d14

Concen: 64.143 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048215.D

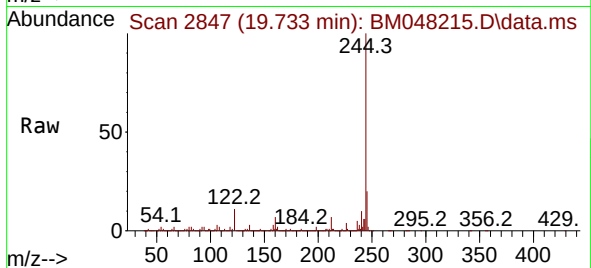
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion:244 Resp: 375900

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

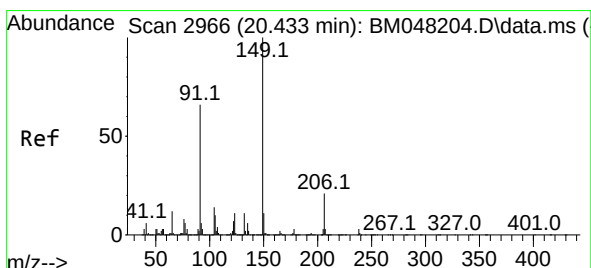
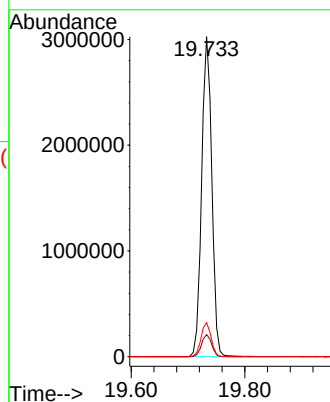
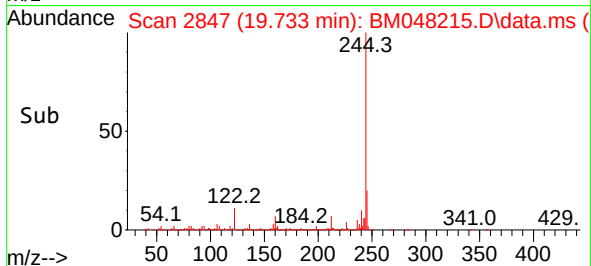
122 10.6 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#80

Butylbenzylphthalate

Concen: 2.957 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

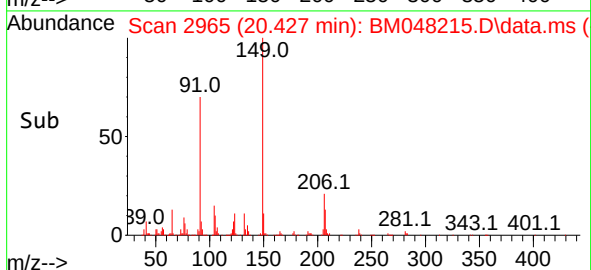
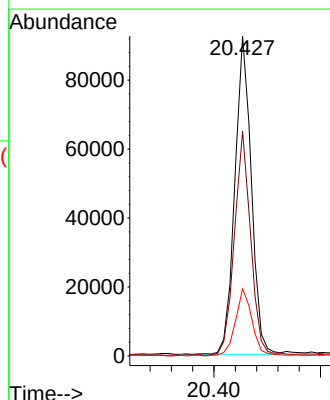
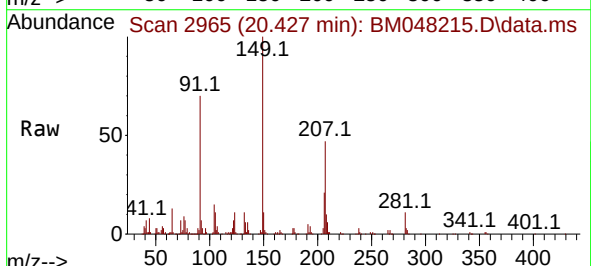
Tgt Ion:149 Resp: 98996

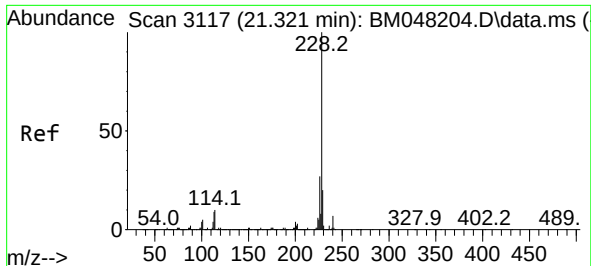
Ion Ratio Lower Upper

149 100

91 70.2 52.5 78.7

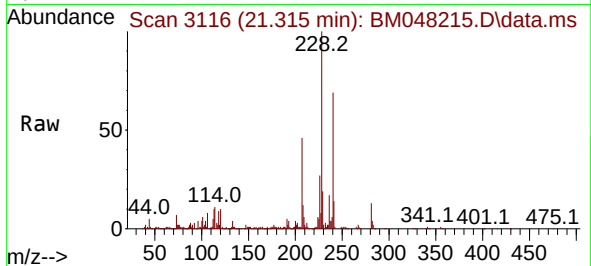
206 20.9 17.0 25.6





#81
Benzo(a)anthracene
Concen: 3.434 ng
RT: 21.315 min Scan# 3116
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

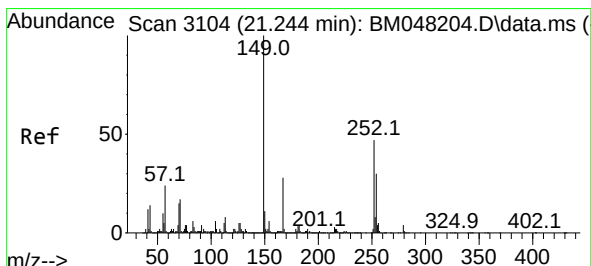
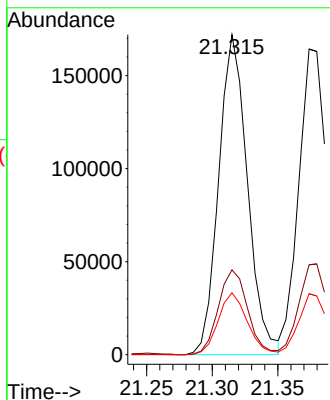
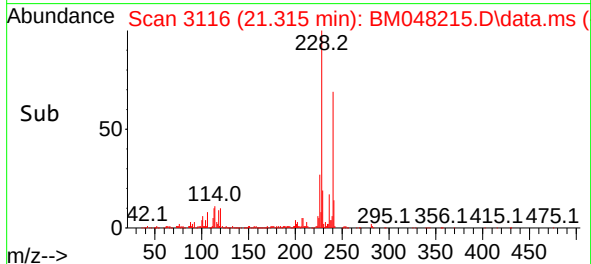
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:228 Resp: 262469
Ion Ratio Lower Upper
228 100
226 26.5 21.5 32.3
229 19.3 15.7 23.5

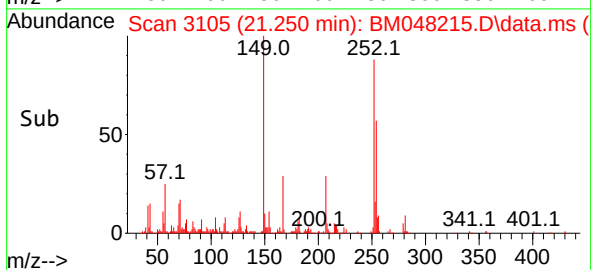
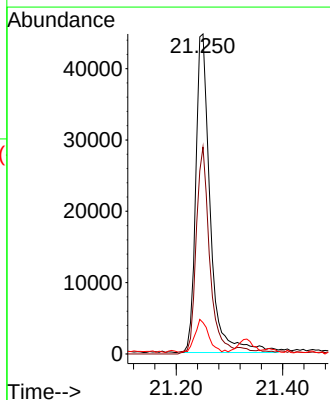
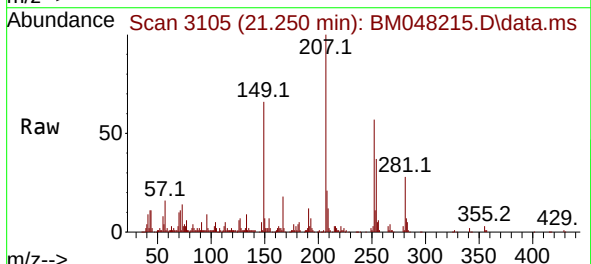
Manual Integrations
APPROVED

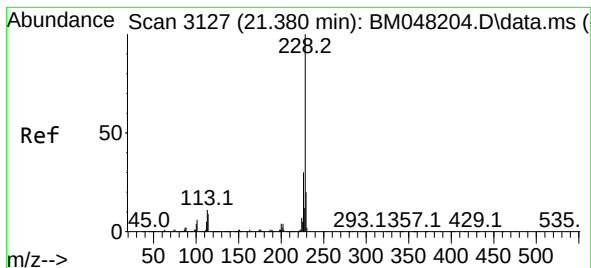
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#82
3,3'-Dichlorobenzidine
Concen: 3.225 ng
RT: 21.250 min Scan# 3105
Delta R.T. 0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:252 Resp: 84418
Ion Ratio Lower Upper
252 100
254 64.6 51.8 77.8
126 9.8 8.8 13.2





#83

Chrysene

Concen: 3.431 ng

RT: 21.374 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

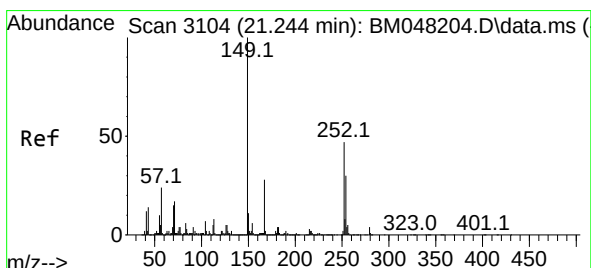
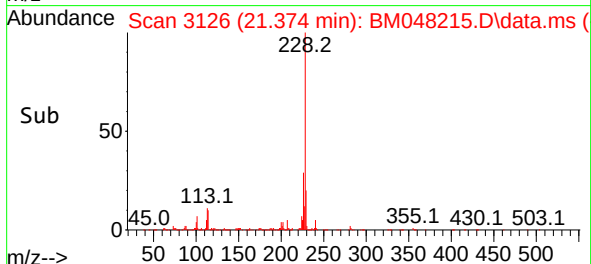
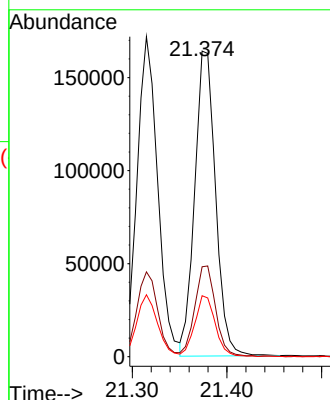
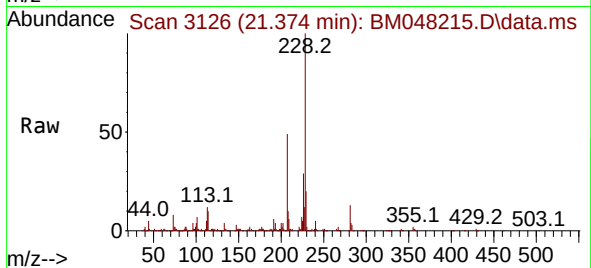
Tgt Ion:228	Resp: 251672
Ion Ratio	Lower Upper
228 100	
226 29.4	23.5 35.3
229 20.0	15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.161 ng

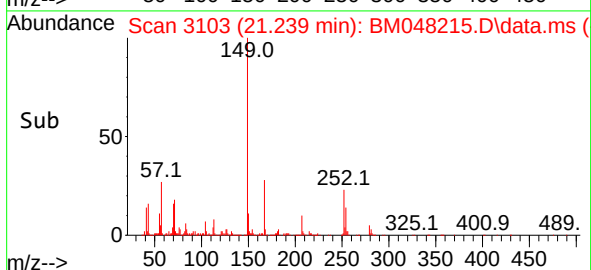
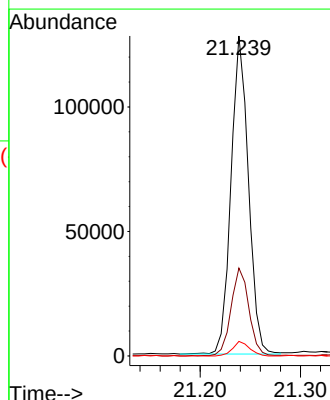
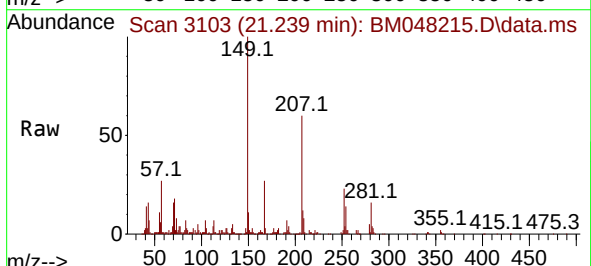
RT: 21.239 min Scan# 3103

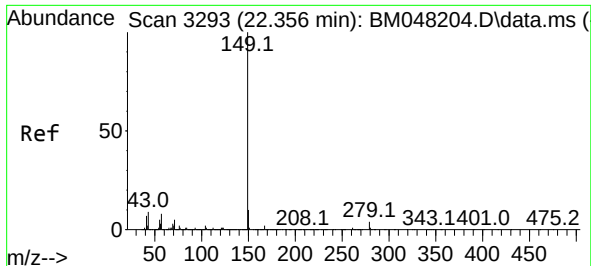
Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

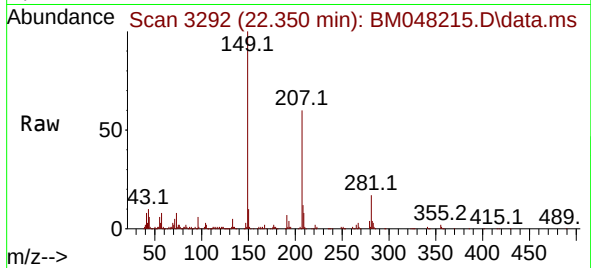
Tgt Ion:149	Resp: 153798
Ion Ratio	Lower Upper
149 100	
167 27.5	22.5 33.7
279 4.6	3.3 4.9





#85
Di-n-octyl phthalate
Concen: 2.718 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

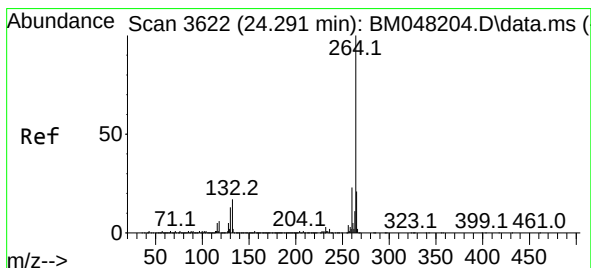
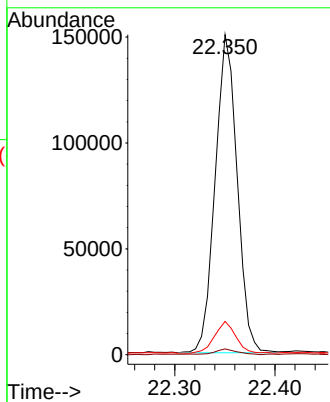
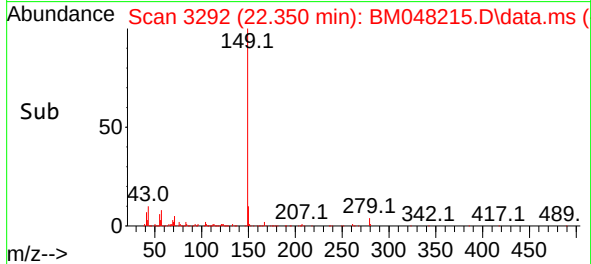
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:149 Resp: 22903
Ion Ratio Lower Upper
149 100
167 1.9 1.2 1.8
43 9.6 7.3 10.9

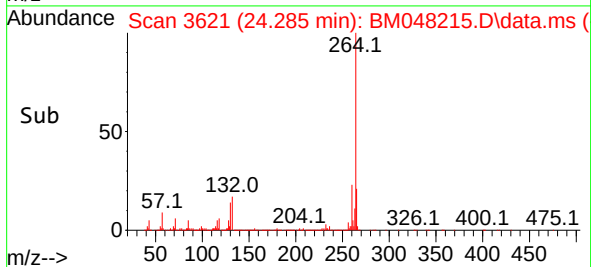
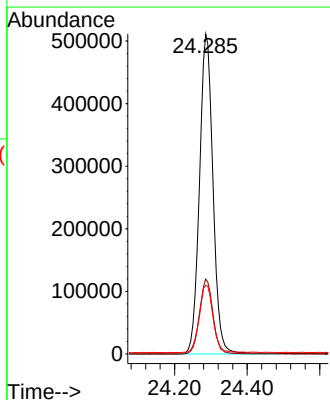
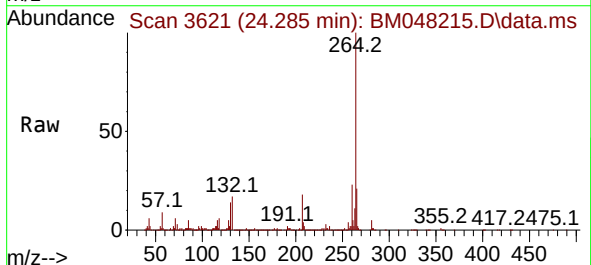
Manual Integrations
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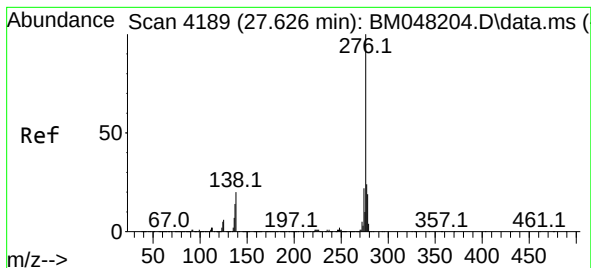
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.285 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:264 Resp: 1321753
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 21.4 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.296 ng

RT: 27.609 min Scan# 4189

Delta R.T. -0.018 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024

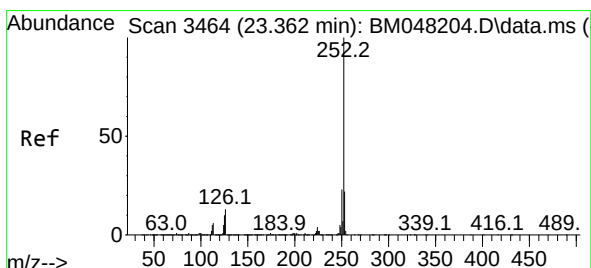
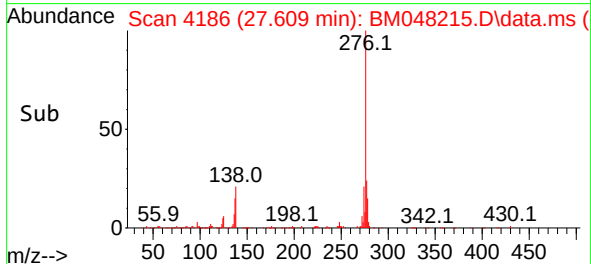
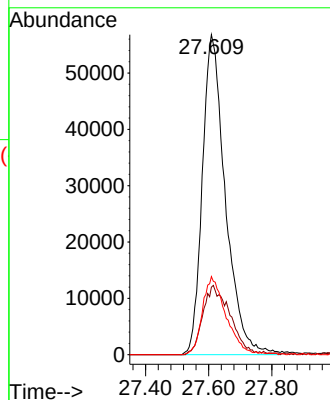
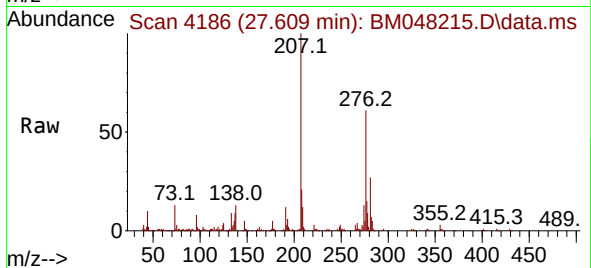
Tgt Ion:276 Resp: 288048
 Ion Ratio Lower Upper
 276 100
 138 25.5 19.8 29.6
 277 24.8 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#88

Benzo(b)fluoranthene

Concen: 3.279 ng

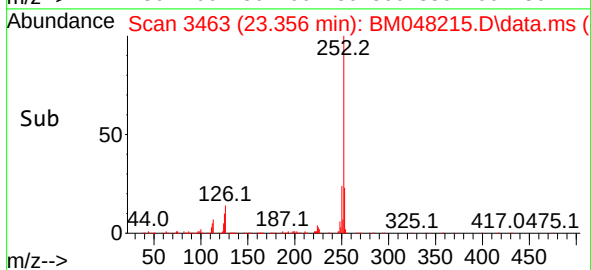
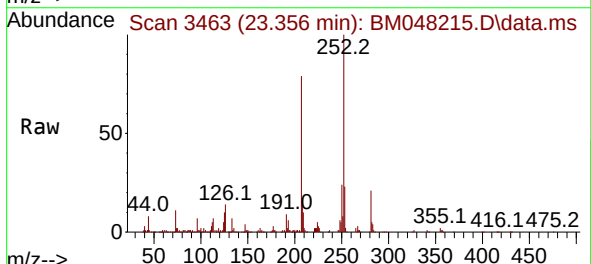
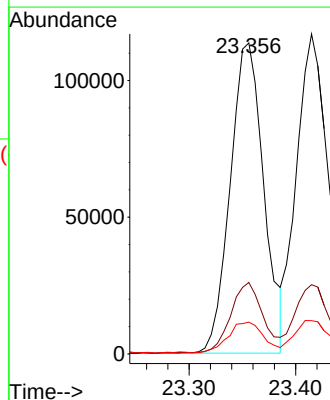
RT: 23.356 min Scan# 3463

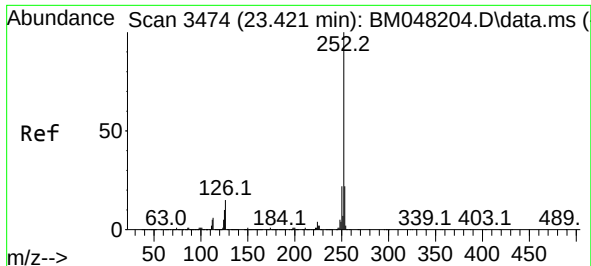
Delta R.T. -0.006 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

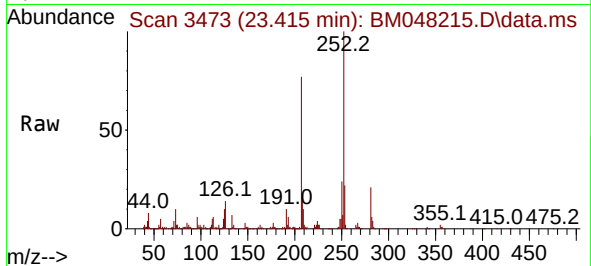
Tgt Ion:252 Resp: 248466
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.8 26.6
 125 10.2 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 3.434 ng
RT: 23.415 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

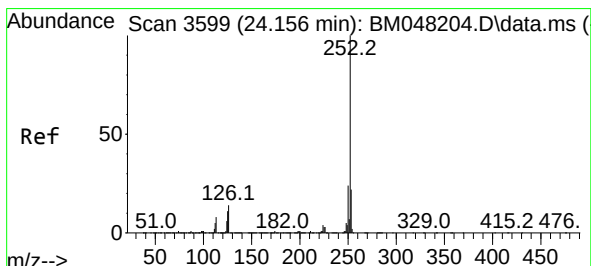
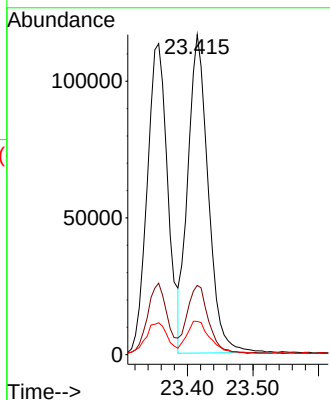
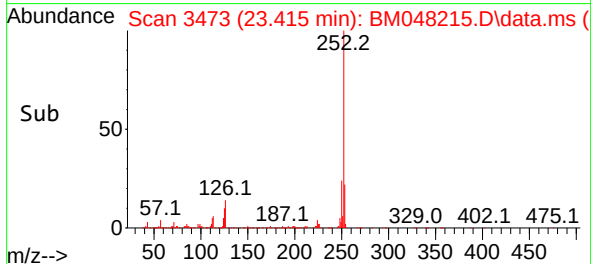
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2024



Tgt Ion:252 Resp: 251630
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.4 7.8 11.6

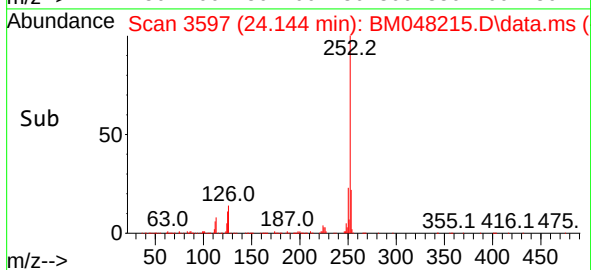
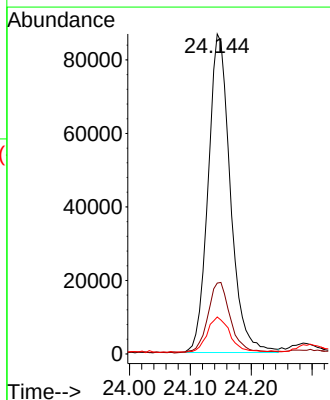
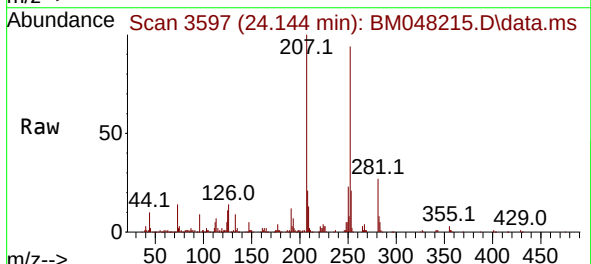
Manual Integrations
APPROVED

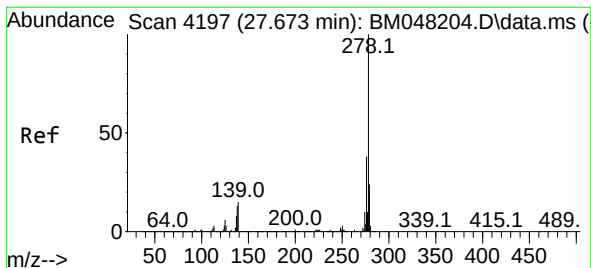
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024



#90
Benzo(a)pyrene
Concen: 3.332 ng
RT: 24.144 min Scan# 3597
Delta R.T. -0.012 min
Lab File: BM048215.D
Acq: 24 Oct 2024 13:51

Tgt Ion:252 Resp: 219554
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 11.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 3.258 ng

RT: 27.656 min Scan# 4194

Delta R.T. -0.018 min

Lab File: BM048215.D

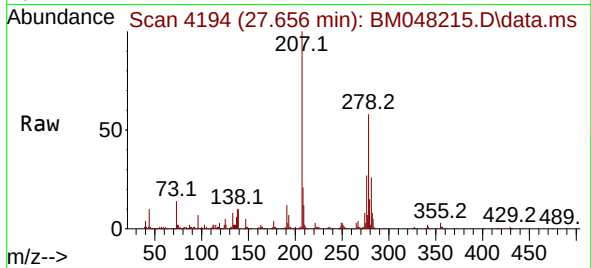
Acq: 24 Oct 2024 13:51

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2024



Tgt Ion:278 Resp: 237150

Ion Ratio Lower Upper

278 100

139 16.8 12.2 18.4

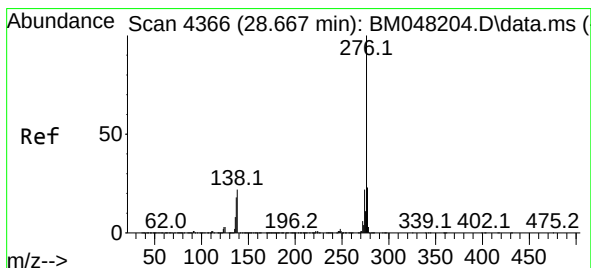
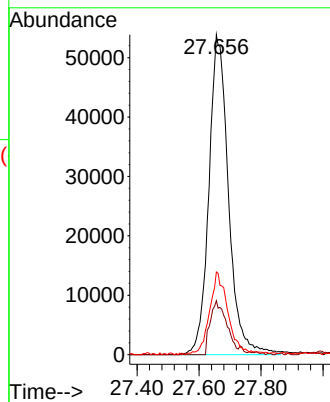
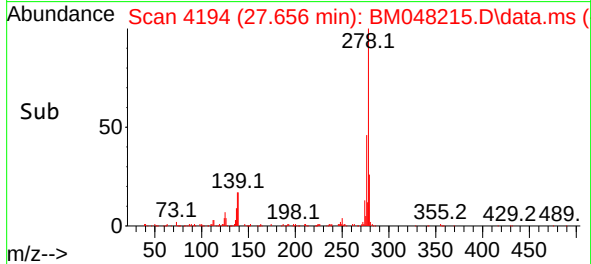
279 25.9 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/26/2024



#92

Benzo(g,h,i)perylene

Concen: 3.024 ng

RT: 28.650 min Scan# 4363

Delta R.T. -0.018 min

Lab File: BM048215.D

Acq: 24 Oct 2024 13:51

Tgt Ion:276 Resp: 225355

Ion Ratio Lower Upper

276 100

277 22.2 18.5 27.7

138 20.0 17.5 26.3

